IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

IMPERIAL COMMUNITY COLLEGE DISTRICT

IMPERIAL VALLEY COLLEGE

(6) 24' x 40' AND (3) 36' x 40'

RELOCATABLE CLASSROOMS

INTERIM HOUSING FROM STOCKPILE

IMPERIAL VALLEY COLLEGE
(9) TEMPORARY RELOCATABLES

380 EAST ATEN RD.
IMPERIAL, CA 92251
(760) 352-8320

BOARD OF SCHOOL TRUSTEES:

LOUIS WONG — JERRY D. HART
KARLA SIGMOND — MARK EDNEY — STEVEN M. TAYLOR
RUDY CARDENAS JR. — ROMUALDO J. MEDINA

MARTHA GARCIA - SUPERINTENDENT / PRESIDENT

CONSULTANTS

ELECTRICAL
KRUSE AND ASSOCIATES
KEITH KRUSE
12245 WORLD TRADE DRIVE
SUITE E
SAN DIEGO CA 92128
(858) 676-9716

FIRE ALARM
SIMPLEXGRINNELL
MARK WALKER
3568 RUFFIN ROAD SOUTH
SAN DIEGO CA 92123
(858) 633-9100

STATEMENT OF GENERAL CONFORMANCE

☐ THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
☒ THIS DRAWING, OR PAGE OF SPECIFICATIONS / CALCULATIONS FOR
RELO. A.O - SRT
HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND / OR AUTHORIZED TO PREPARE SUCH DRAWLINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1) DESIGN CONTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND

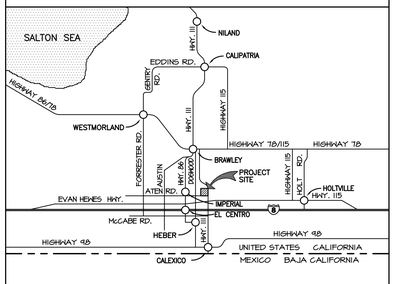
2) COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344* OF (TITLE 24, PART 1, SECTION 4-317 (b))

I FIND THAT:
☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
☐ THIS DRAWING OR PAGE OF SPECIFICATIONS / CALCULATIONS FOR
☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND
☒ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS SPECIFICATIONS.

JIMMIE SANDERS C-7644
ARCHITECT / ENGINEER OF RECORD SIGNATURE

VICINITY MAP



GENERAL NOTES

1. EXAMINATION OF SITE AND CONTRACT DOCUMENTS:

EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND FULLY ACQUAINT HIMSELF WITH THE CONDITIONS RELATING TO THE CONSTRUCTION AND LABOR SO THAT HE MAY FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT. BIDDERS SHALL THOROUGHLY EXAMINE AND BE FAMILIAR WITH THE DRAWINGS AND PROJECT MANUAL. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY CONTRACT, FORM, INSTRUMENT, ADDENDUM, OR OTHER DOCUMENT OR TO VISIT THE SITE AND ACQUAINT HIMSELF WITH CONDITIONS THERE EXISTING SHALL IN NO-WISE RELIEVE ANY BIDDER FROM OBLIGATIONS WITH RESPECT TO HIS BID OR TO THE CONTRACT. THE SUBMISSION OF A BID SHALL BE TAKEN AS PRIMA FACIE EVIDENCE OF COMPLIANCE WITH THIS SECTION. THE ARCHITECT SHALL BE NOTIFIED, PRIOR TO BID, OF ANY UNUSUAL CONDITIONS OR DISCREPANCIES IN THE CONTRACT DOCUMENTS OR INTENT OF WORK TO BE ACCOMPLISHED, WHEREIN, A CLARIFICATION OR ADDENDUM MAY BE ISSUED.

2. PROJECT SCOPE:

RELOCATION OF (6) 24'X40' AND (3) 36'X40' MODULAR CLASSROOMS FROM STOCKPILE. THE SCOPE OF WORK FOR THIS PROJECT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING ITEMS:

1. PROVIDE ENGINEERED GRANULAR PAD
2. PROVIDE CONCRETE HARDSCAPE
3. PROVIDE ELECTRICAL SERVICE
4. PROVIDE EXTENSION OF FIRE ALARM SYSTEM
5. PROVIDE DATA CONDUIT

THE INSTALLATION OF THE RELOCATABLE CLASSROOM AND RAMP SHALL BE PROVIDED BY BUILDING MANUFACTURER.

3. GEOLOGICAL AND SOILS REPORT:

NONE THIS PROJECT.

4. CODES AND STANDARDS:

APPLICABLE CODES:

ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24, CCR
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. I & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS
(PER 2019 CBC PART 2 CH 35)

NOTE: CALOSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

PARTIAL LIST OF APPLICABLE STANDARDS:

NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED)	2016 EDITION
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2015 EDITION
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 EDITION (R2010)
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 EDITION (R2010)
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

GENERAL NOTES (CONT.)

5. INSPECTION:

A PROJECT INSPECTOR, EMPLOYED BY THE OWNER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. THIS PROJECT SHALL REQUIRE:

A. INSPECTOR OF RECORD, CLASS 4

6. CHANGES TO APPROVED DRAWINGS:

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

7. DOCUMENTS ON SITE:

TITLE 24 PARTS 1-5 MUST BE KEPT ON SITE DURING CONSTRUCTION.

9. CONSTRUCTION FIRE SAFETY:

CONTRACTOR IS RESPONSIBLE FOR THE SAFETY DURING DEMOLITION AND CONSTRUCTION AND SHALL COMPLY WITH CFC 2019 CHAPTER 33.

CONTRACTOR OPERATIONS SHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACILITIES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND OR PERSONNEL.

10. BUILDING DATA:

BUILDING T900 - T1400 - CLASSROOMS

OCCUPANCY . . . . . E
CONSTRUCTION TYPE . . . . . TYPE V-B
FIRE SPRINKLER SYSTEM . . . . . NONE - 2019 CFC 903.2.20
NUMBER OF STORIES 1
CONSTRUCTION AREA . . . . . 960 EA. X 6 = 5,760 SQ. FT.
ALLOWABLE AREA . . . . . 9,500 SQ. FT. (TABLE 506.2)
AREA INCREASE . . . . . NONE

5,760 < 9,500 = OK

BUILDING T1500, T1600 AND T1700 - CLASSROOMS

OCCUPANCY . . . . . E
CONSTRUCTION TYPE . . . . . TYPE V-B
FIRE SPRINKLER SYSTEM . . . . . NONE - 2019 CFC 903.2.20
NUMBER OF STORIES 1
CONSTRUCTION AREA . . . . . 1,440 EA. X 3 = 4,320 SQ. FT.
ALLOWABLE AREA . . . . . 9,500 SQ. FT. (TABLE 506.2)
AREA INCREASE . . . . . NONE

4,320 < 9,500 = OK

PROJECT BIDDING

BASE BID:

BASE BID SHALL INCLUDE ALL WORK SHOWN ON CONTRACT DOCUMENTS FOR ON-SITE IMPROVEMENTS TO SUPPORT INSTALLATION OF (9) MODULARS. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING ITEMS:

1. PROVIDE ENGINEERED GRANULAR PAD
2. PROVIDE CONCRETE HARDSCAPE
3. PROVIDE ELECTRICAL SERVICE
4. PROVIDE EXTENSION OF FIRE ALARM SYSTEM
5. PROVIDE DATA CONDUIT

THE INSTALLATION OF THE RELOCATABLE CLASSROOM AND RAMP SHALL BE PROVIDED BY BUILDING MANUFACTURER.

APPROVALS

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
TITLE SHEET - GENERAL NOTES

LICENSED ARCHITECT
JIMMIE G. SANDERS
No. C-7644
RENEWAL 08/31/21
STATE OF CALIFORNIA

Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	T1

SHEET INDEX

SHEET INDEX

SHEET INDEX

SHEET INDEX

SHEET INDEX

SHEET INDEX

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-119801 INC:
REVIEWED FOR:
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

APPROVALS

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
SHEET INDEX

LICENSED ARCHITECT
JIMMIE D. SANDERS
No. C-17647
RENEWAL DATE
7-31-21
STATE OF CALIFORNIA

Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	T2

ACCESSIBILITY SITE PLAN

SCALE: 1" = 100'-0" | A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

BUILDING IDENTIFICATION:

NUMBER	DESCRIPTION	CONST TYPE	OCCUPANCY GROUP	FIRE SPRINKLERS	DSA APPL NO	CLOSED DSA COMPLIANT
100	ADMINISTRATION	III-B	B	N	A-21614	Y
100	COUNSELING / FINANCIAL AID	III-B	B	N	A-21614, 38564	Y, Y
200	SOCIAL SCIENCES / ENGLISH	III-B	A-3, B	N	A-21614, 04-118720	Y, OPEN
300	FINE ARTS	III-B	A-3, B	N	A-21614, 04-118720	Y, OPEN
400	ASSEMBLY CENTER / CLASSROOMS	III-B	B	N	A-21614	Y
500A	ENGLISH / MATHEMATICS	V	B	N	A-20204, 21614	Y, Y
500B	REPROGRAPHICS / PARKING	V	B	N	A-20204, 21614	Y, Y
600	COLLEGE CENTER	III-B	A-2, B	N	A-21614, 24284, 38800	Y, Y, Y
700	GYMNASIUM	III-B	A-2, B	Y	A-21614, 26153, 27239, 28378	Y, Y, Y, Y
					30408, 33544, 35011, 100718, 104120	Y, Y, Y, Y, Y
800	BUSINESS	III-B	A-3, B	N	A-21614, 24284, 04-118720	Y, Y, OPEN
900	MEYER BUSINESS BUILDING	V-B	B	N	A-33912, 52343	Y, Y
1000	STUDENT AFFAIRS OFFICE	V-B	B	N	A-33912	Y
1100	AUTO TECHNOLOGY	II-B	S-1	N	A-21614	Y
1200	WELDING	II-B	H-3	N	A-33832	Y
1300	AUTO TECHNOLOGY / HUMANITIES	V-B	B	N	A-33832	Y
1400	TOOL STORAGE	V-B	B	N	UNKNOWN	
1500	LIBRARY MEDIA CENTER	V-A	A-3, B	Y	A-36944, 100260, 110551	Y, Y, Y
1600	TECHNOLOGY CENTER	V-B	B	N	A-38516	Y
1700	WORKFORCE DEVELOPMENT CENTER	V-B	B	N	UNKNOWN	
1800	MAINTENANCE / WAREHOUSE	V-B	B	N	A-21614, A-30409	Y, Y
1900	BOOKSTORE	V-B	B	N	UNKNOWN	
2000	NOT USED	-	-	-	N/A	
2100	HEALTH SCIENCES / DISABLED STUDENT	V-B	A-3, B	N	A-41216	Y
2200	PRESCHOOL	III-B	E	N	A-54425	Y
2300	INFANT TODDLER CENTER	V-B	E	N	A-100748	Y
2400	HUMAN RESOURCES	V-B	B	N	NONE	
2500	MATH LAB CENTER	V-B	B	N	UNKNOWN	
2600	READING / WRITING / LANGAGE LABORATORY	V-B	B	N	A-103104	Y
2700	SCIENCE	II-A	A-3, B	Y	A-108383	Y
2800	ART GALLERY	V-B	A-3	N	A-110775	Y
3100	CAREER TECHNICAL	II-B	B, H-3	Y	A-112064	Y
3200	CAREER TECHNICAL	II-B	B	Y	A-112064	Y
T100-T600	RELOCATABLE CLASSROOMS	V-B	B	N	A-110473	Y
T800	RELOCATABLE CLASSROOM	V-B	B	N	A-116872	Y
T900-T1100	RELOCATABLE CLASSROOMS	V-B	B	N	A-118801	
A	INFORMATION BOOTH "A"	V	B	N	N/A	
B	INFORMATION BOOTH "B"	V	B	N	N/A	
C	SHOWERS / TOILETS	V-B	B	N	UNKNOWN	
D	POOLS AND GRANDSTANDS	V-B	A-5	N	A-36433	Y
E	CARPENTER SHOP	V-B	B	N	UNKNOWN	
F	NOT USED	-	-	-	N/A	
G	SHADE STRUCTURE	II-B	B	N	A-110551	Y
H	SHADE STRUCTURE	II-B	B	N	A-110551	Y
J	SHADE STRUCTURE	II-B	B	N	A-110551	Y
K	NOT USED	-	-	-	N/A	
L	SHADE STRUCTURE	II-B	B	N	A-110551	Y
M	SHADE STRUCTURE	II-B	B	N	A-110551	Y
N	SHADE STRUCTURE	II-B	B	N	A-110551	Y
P	SHADE STRUCTURE	II-B	A-3	N	A-111843	Y
Q	SHADE STRUCTURE	II-B	A-3	N	A-111843	Y
R	SHADE STRUCTURE	II-B	A-3	N	A-54425	Y
S	SHADE STRUCTURE	II-B	A-3	N	A-101106	Y
T	SHADE STRUCTURE	V-B	A-3	N	UNKNOWN	
U	SHADE STRUCTURE	V-B	A-3	N	A-111347	OPEN

KEYNOTES:

1. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT. THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT THE P.O.T. HAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF P.O.T. ITEMS FALL WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
2. EXISTING ACCESSIBLE PARKING - DSA# 04-115279
3. EXISTING TOW-AWAY SIGN - DSA# 04-115279
4. EXISTING ACCESSIBLE CURB RAMP - DSA# 04-115279
5. EXISTING TOW-AWAY SIGN - DSA# 04-111347
6. EXISTING ACCESSIBLE DRINKING FOUNTAINS - DSA# 04-108533
7. EXISTING ACCESSIBLE LOADING ZONE - DSA# 04-118720
8. EXISTING ACCESSIBLE FACULTY TOILETS - DSA# 04-115279
9. EXISTING ACCESSIBLE STUDENT TOILETS - DSA# 04-115279
10. EXISTING TOW-AWAY SIGN - DSA# 04-115279
11. EXISTING ACCESSIBLE PARKING - DSA# 04-111347
12. EXISTING ACCESSIBLE PARKING - DSA# 04-118720
13. "SAFE DISPERSAL AREA" SIGN PER (L/A30)
14. 3520 SQ. FT. SAFE DISPERSAL AREA = 3520 / 5 =704 PEOPLE

LEGEND:

- <-A- EXISTING ACCESSIBLE PATH OF TRAVEL - DSA #04-108533
- <-B- EXISTING ACCESSIBLE PATH OF TRAVEL - DSA #04-110473
- <-C- EXISTING ACCESSIBLE PATH OF TRAVEL - DSA #04-115279
- <---> PROPOSED ACCESSIBLE PATH OF TRAVEL

APPROVALS

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
ACCESSIBILITY SITE PLAN

LICENSED ARCHITECT JIMMIE L. SANDERS No. 17644 RENEWAL 08/31/21 STATE OF CALIFORNIA

Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	AS1

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	Imperial Community College District
Project Name/School:	(6) 24'x40' and (3) 36'x40' Relocatable from Stockpile / Imperial Valley College
Project Address:	380 East Aten RD., Imperial, CA 92251

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by CalFire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: http://osfm.fire.ca.gov/FHSZ	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✔	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	✔			
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.				
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	✔			
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✔	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.	✔			
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✔	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

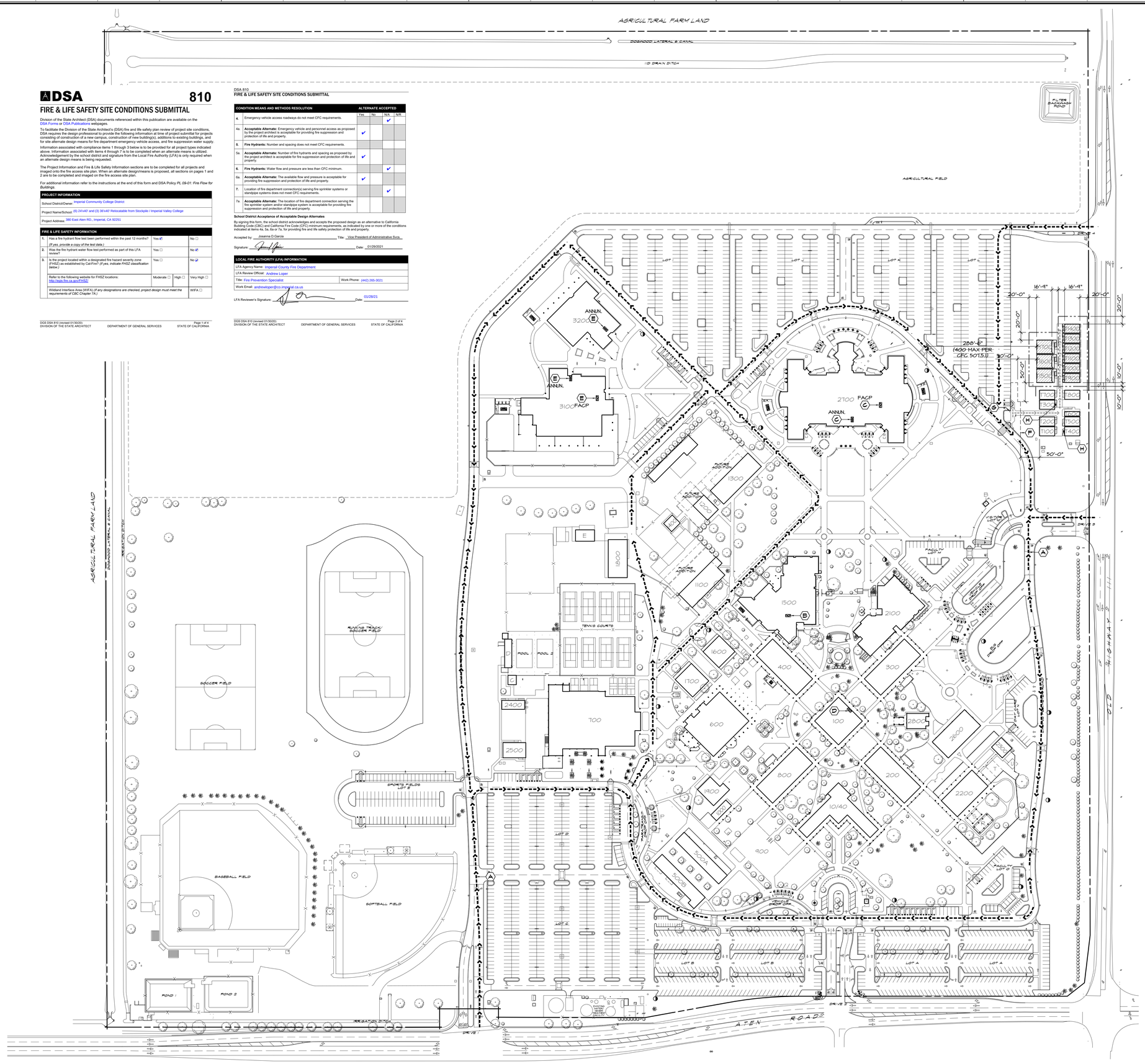
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Joseanna D.Garcia Title: Vice President of Administrative Svcs.

Signature: _____ Date: 01/29/2021

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	Imperial County Fire Department
LFA Review Official:	Andrew Loper
Title: Fire Prevention Specialist	Work Phone: (442) 265-3021
Work Email: andrewloper@co.imperial.ca.us	

LFA Reviewer's Signature: _____ Date: 01/28/21



BUILDING IDENTIFICATION:

NUMBER	DESCRIPTION	CONST TYPE	OCCUPANCY GROUP	FIRE SPRINKLERS	DSA APPL NO	CLOSED DSA COMPLIANT
10	ADMINISTRATION	III-B	B	N	A-21614	Y
100	COUNSELING / FINANCIAL AID	III-B	B	N	A-21614, 38564	Y, Y
200	SOCIAL SCIENCES / ENGLISH	III-B	A-3, B	N	A-21614, 04-118720	Y, OPEN
300	FINE ARTS	III-B	A-3, B	N	A-21614, 04-118720	Y, OPEN
400	ASSEMBLY CENTER / CLASSROOMS	III-B	B	N	A-21614	Y
500A	ENGLISH / MATHEMATICS	V	B	N	A-20204, 21614	Y, Y
500B	REPROGRAPHICS / PARKING	V	B	N	A-20204, 21614	Y, Y
600	COLLEGE CENTER	III-B	A-2, B	N	A-21614, 24284, 38600	Y, Y, Y
700	GYMNASIUM	III-B	A-2, B	Y	A-21614, 26153, 27234, 28816	Y, Y, Y, Y
800	BUSINESS	III-B	A-3, B	N	A-21614, 24284, 04-118720	Y, Y, OPEN
900	MEYER BUSINESS BUILDING	V-B	B	N	A-33412, 52343	Y, Y
1000	STUDENT AFFAIRS OFFICE	V-B	B	N	A-33412	Y
1100	AUTO TECHNOLOGY	II-B	S-1	N	A-21614	Y
1200	WELDING	II-B	H-3	N	A-33832	Y
1300	AUTO TECHNOLOGY / HUMANITIES	V-B	B	N	A-33832	Y
1400	TOOL STORAGE	V-B	B	N	UNKNOWN	
1500	LIBRARY MEDIA CENTER	V-A	A-3, B	Y	A-36444, 100260, 110551	Y, Y, Y
1600	TECHNOLOGY CENTER	V-B	B	N	A-38516	Y
1700	WORKFORCE DEVELOPMENT CENTER	V-B	B	N	UNKNOWN	
1800	MAINTENANCE / WAREHOUSE	V-B	B	N	A-21614, A-30409	Y, Y
1900	BOOKSTORE	V-B	B	N	UNKNOWN	
2000	NOT USED	-	-	N/A		
2100	HEALTH SCIENCES / DISABLED STUDENT	V-B	A-3, B	N	A-47216	Y
2200	PRESCHOOL	III-B	E	N	A-54425	Y
2300	INFANT TODDLER CENTER	V-B	E	N	A-120748	Y
2400	HUMAN RESOURCES	V-B	B	N	NONE	
2500	MATH LAB CENTER	V-B	B	N	UNKNOWN	
2600	READING / WRITING / LANGUAGE LABORATORY	V-B	B	N	A-103704	Y
2700	SCIENCE	II-A	A-3, B	Y	A-108533	Y
2800	ART GALLERY	V-B	A-3	N	A-110775	Y
3100	CAREER TECHNICAL	III-B	B, H-3	Y	A-112064	Y
3200	CAREER TECHNICAL	II-B	B	Y	A-112064	Y
T100-T600	RELOCATABLE CLASSROOMS	V-B	E	N	A-120748	Y
T100	RELOCATABLE CLASSROOMS	V-B	E	N	A-115274	Y
T800	RELOCATABLE CLASSROOMS	V-B	E	N	A-116812	Y
T900-T1100	**RELOCATABLE CLASSROOMS**	**V-B**	**E**	**N**		
A	INFORMATION BOOTH "A"	V	B	N	N/A	
B	INFORMATION BOOTH "B"	V	B	N	N/A	
C	SHOWERS / TOILETS	V-B	B	N	UNKNOWN	
D	POOLS AND GRANDSTANDS	V-B	A-5	N	A-36433	Y
E	CARPENTER SHOP	V-B	B	N	UNKNOWN	
F	NOT USED	-	-	N/A		
G	SHADE STRUCTURE	II-B	B	N	A-110551	Y
H	SHADE STRUCTURE	II-B	B	N	A-110551	Y
J	SHADE STRUCTURE	II-B	B	N	A-110551	Y
K	NOT USED	-	-	-	N/A	
L	SHADE STRUCTURE	II-B	B	N	A-110551	Y
M	SHADE STRUCTURE	II-B	B	N	A-110551	Y
N	SHADE STRUCTURE	II-B	B	N	A-110551	Y
P	SHADE STRUCTURE	II-B	A-3	N	A-118413	Y
Q	SHADE STRUCTURE	II-B	A-3	N	A-118413	Y
R	SHADE STRUCTURE	II-B	A-3	N	A-54425	Y
S	SHADE STRUCTURE	II-B	A-3	N	A-101106	Y

KEYNOTES:

- (A) PAVED FIRE ACCESS ROUTE - DSA# A-108533
- (B) EXISTING FIRE ALARM CONTROL PANEL - DSA# A-100260
- (C) EXISTING FIRE ALARM CONTROL PANEL - DSA# A-108533
- (D) EXISTING FIRE ALARM CONTROL PANEL - DSA# A-108533
- (E) EXISTING FIRE ALARM CONTROL PANEL - DSA# A-112064
- (F) 10300 SQ. FT. SAFE DISPERSAL AREA = 10300/ 5 = 2100 PEOPLE
- (G) "SAFE DISPERSAL AREA" SIGN PER (L ABW)
- (H) EXISTING AUDIBLE FIRE ALARM

LEGEND:

- EXISTING FIRE HYDRANT W/ GATE VALVE
- FIRE TRUCK ACCESS ROUTES (ALL WEATHER SURFACE) - DSA# A-108533
- ASSUMED PROPERTY LINE
- PEDESTRIAN EGRESS PATH OF TRAVEL
- PROPOSED BUILDINGS

BUILDING DATA:

BUILDING T900 - T1400 - CLASSROOMS

OCCUPANCY . . . . . E
CONSTRUCTION TYPE . . . . . TYPE V-B
FIRE SPRINKLER SYSTEM . . . . . NONE - 2019 CFC 903.2.20
NUMBER OF STORIES. 1
CONSTRUCTION AREA . . . . . 960 EA. X 6 = 5,760 SQ. FT.
ALLOWABLE AREA . . . . . 9500 SQ. FT. (TABLE 506.2)
AREA INCREASE. . . . . NONE

5,760 < 9500 = OK.

BUILDING T1500, T1600 AND T1700 - CLASSROOMS

OCCUPANCY A-3
CONSTRUCTION TYPE . . . . . TYPE V-B
FIRE SPRINKLER SYSTEM . . . . . NONE - 2019 CFC 903.2.20
NUMBER OF STORIES. 1
CONSTRUCTION AREA . . . . . 1440 EA. X 3 = 4,320 SQ. FT.
ALLOWABLE AREA . . . . . 9500 SQ. FT. (TABLE 506.2)
AREA INCREASE. . . . . NONE

4,320 < 6,000 = OK.

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

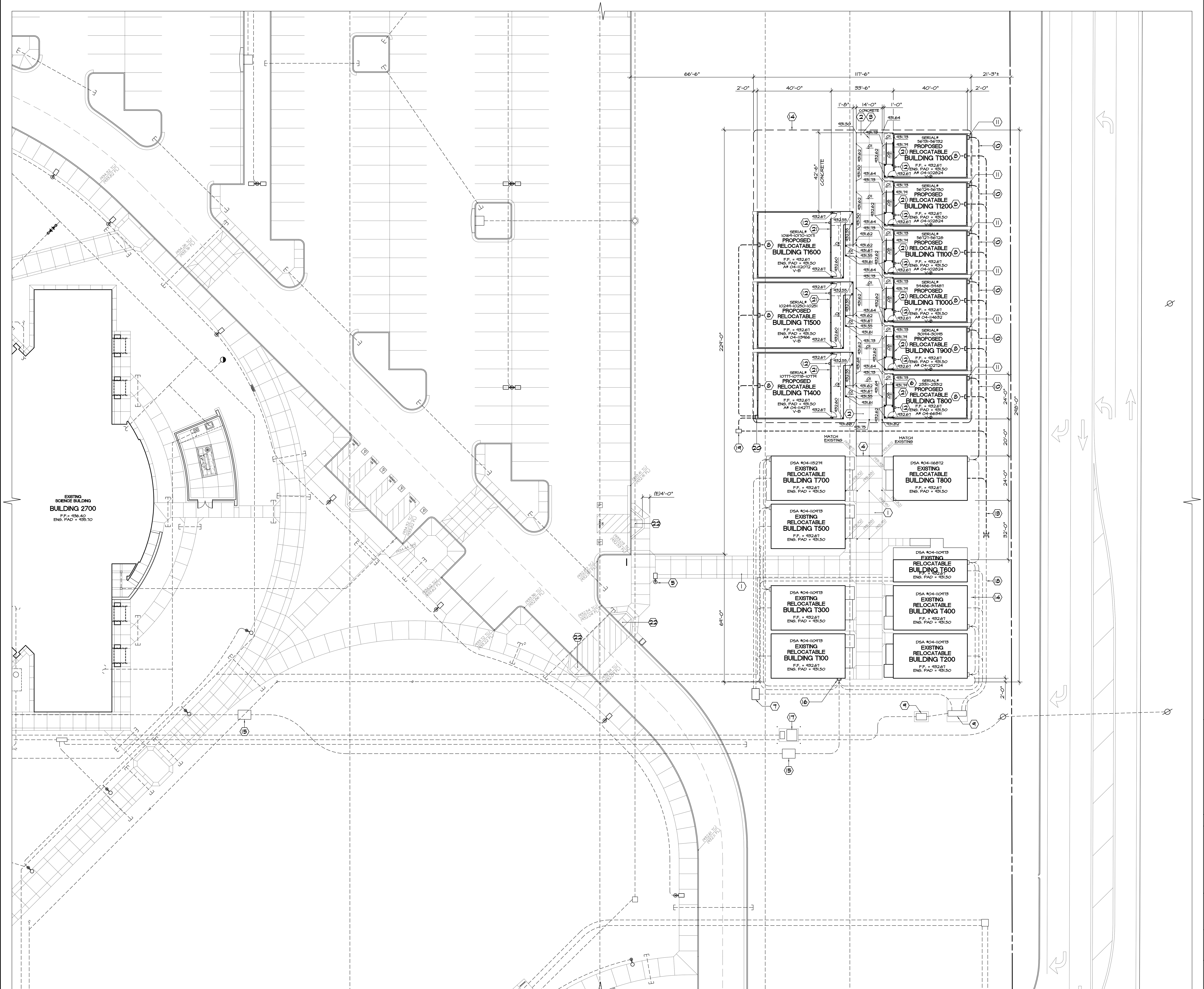
Project Title
IMPERIAL VALLEY COLLEGE
BUILDING 200, 300 AND 800 MODERNIZATION

Sheet Title
FIRE ACCESS SITE PLAN

LICENSED ARCHITECT
JIMMIE L. SANDERS
No. C-17644
RENEWAL DATE
08-31-21
STATE OF CALIFORNIA

Document Date	Project Number
09-13-19	19-121V
Date Last Revised	Sheet Number
	AS2

FIRE ACCESS SITE PLAN
SCALE: 1" = 100'-0"
A



KEYNOTES:

1. EXISTING CONCRETE WALK - PROTECT
2. NEW 5" CONCRETE WALK (3/ASX2)
3. CONTROL JOINT, TYPICAL (6/ASX2)
4. NEW CONCRETE TO MATCH EXISTING ELEVATION (4/ASX2)
5. EXISTING LIGHT STANDARD - PROTECT
6. 6'-0" MIN. LEVEL LANDING @ BOTTOM OF RAMP, TYPICAL
7. EXISTING ELECTRICAL VAULT - PROTECT
8. EXISTING 100 AMP PANEL w/ NEW GROUND ROD PER (1/ASX2) TYP. FOR EACH RELOCATABLE BLD'G - SEE ELECTRICAL DRAWINGS
9. EXISTING TRANSFORMER AND SWITCHGEAR - SEE ELECTRICAL DRAWINGS
10. PROVIDE (1) 2" AND (2) 1" PVC CONDUIT TO EACH NEW RELOCATABLE FOR DATA, INTERCOM, AND FIRE ALARM
11. PROVIDE (1) 12"x12"x6" PULL BOX FOR FIRE ALARM AND (1) 18"x18"x6" PULL BOX FOR INTERCOM / DATA @ +18" A.F.F., TYP.
12. PROVIDE MIN. 2A10BC FIRE EXTINGUISHER MOUNTED 48" MAX TO EXTINGUISHER HANDLE (M/ASX1)
13. ELECTRICAL CONDUIT/CONDUCTORS, 24" MIN. DEPTH - SEE ELECTRICAL DRAWINGS
14. PROVIDE ENGINEERED PAD (2/ASX2)
15. EXISTING COMMUNICATIONS VAULT - PROTECT
16. EXISTING (1) 12"x12"x6" PULL BOX FOR FIRE ALARM AND (1) 18"x18"x6" PULL BOX FOR INTERCOM / DATA @ +18" A.F.F., TYP.
17. EXISTING I.I.D. SWITCH - PROTECT
18. EXISTING STUBBED-OUT ELECTRICAL CONDUIT FOR FUTURE RELOCATABLES
19. PROVIDE FLUSH GRADE CONCRETE PULLBOX, 24"X36"X18"
20. NEW DISTRIBUTION PANEL - SEE ELECTRICAL DRAWINGS
21. ASSISTIVE LISTENING SYSTEM SIGN PER (F/ASX1) MOUNTING LOCATION PER (G/ASX1) (H/ASX1)
22. EXISTING RAMP w/ TRUNCATED DOMES PER 04-115279

LEGEND:

86.30	BENCH MARK: NGS DESIGNATION V1225, PID DB0930 N32 58 56.54979, W115 31 42.59320 (NGS ELEVATION ADJUSTED +200)
(88.40) ×	EXISTING NATURAL SOIL ELEVATION (UNO)
(9.50 TC) (9.00 FL)	EXISTING ELEVATION (SITE CONCRETE UNO)
38.80	PROPOSED ELEVATION (SITE CONCRETE U.N.O.)
.02	DIRECTION OF SLOPE w/ SLOPE NOTED
8	RADIUS - NOTED IN DECIMAL FEET
GB	GRADE BREAK
	FIRE HYDRANT
	POWER POLE
	MANHOLE
X	EXISTING CHAIN LINK FENCE
NS	NATURAL SOIL
TC	TOP OF CURB
FL	FLOW LINE
AC	ASPHALT PAVING
FF	FINISH FLOOR
TP	TOP OF PLANTER

NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF STUD/CMU (U.N.O.).
2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY DRAINAGE OF SITE. CONTRACTOR SHALL NOTIFY ARCHITECT, PRIOR TO CONSTRUCTION, ANY SITE CONCRETE WHICH WILL NOT PROPERLY DRAIN.
3. ALL CONTROL JOINTS TO BE SAW CUT.
4. ALL NATIVE SOIL REMOVED FOR CONSTRUCTION HARDSCAPE SHALL REMAIN ON SITE. CONTRACTOR SHALL USE NATIVE SOIL FOR FINISH GRADING.
5. MAXIMUM CROSS SLOPE AT ALL ACCESSIBLE PATHS OF TRAVEL IS 2%.
6. PROVIDE 1'-0" MIN TOP SOIL AT ALL PLANTING AREAS.
7. PROVIDE TOP SOIL SLOPED AWAY FROM SITE CONCRETE AT 4:1 MAX SLOPE, TYP FOR ENTIRE PROJECT
8. ALL PROPOSED GRADES +900: HUNDREDS POSITION NOT SHOWN FOR CLARITY.
9. PROVIDE METAL TAG w/ DSA APPLICATION NUMBER AT RELOCATABLE BUILDINGS.
10. NO SPLICES SHALL BE ALLOWED IN COMMUNICATION VAULTS FOR FIRE ALARM & CLOCK / BELL SYSTEMS.
11. PROVIDE TRENCHING PER (7/ASX2)
12. BUILDING SIGNAGE PER (G/ASX1) (H/ASX1)

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

APPROVALS

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title

IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title

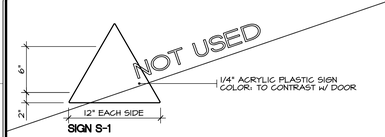
HARDSCAPE PLAN

LICENSED ARCHITECT JIMMIE A. SANDERS No. C-17644 RENEWAL DATE 7-31-21 STATE OF CALIFORNIA

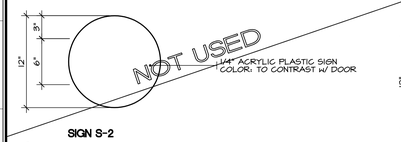
Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	AS3

HARDSCAPE PLAN

SCALE: 1" = 20'-0" A



SIGN S-1



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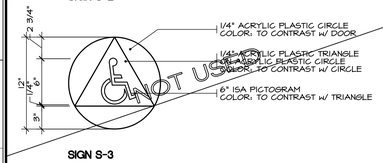

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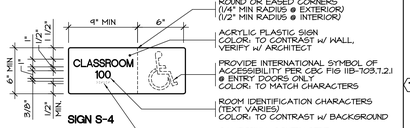

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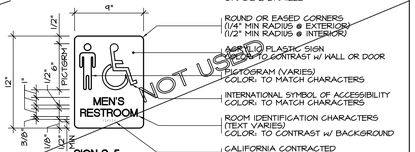
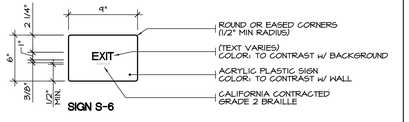
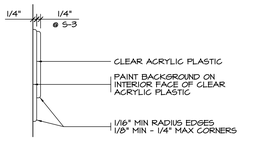


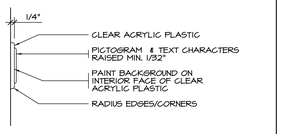
SIGN S-5



SIGN S-6



SIGN PROFILE S-1, S-2, S-3



SIGN PROFILE S-4, S-5, S-6

NOTES:

1. CHARACTER TYPE:
   CHARACTERS ON TACTILE SIGNS SHALL BE RAISED 1/32 INCH (0.794 MM) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED (GRADE 2) BRAILLE (SEE NOTE 5 BELOW). (CBC 11B-703.2)
2. CHARACTER SIZE:
   RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH (15.9 MM) AND A MAXIMUM OF 2 INCHES (51 MM) HIGH. (CBC 11B-703.2.5)
3. FINISH AND CONTRAST:
   CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. (CBC 11B-703.5.1)
4. PROPORTIONS:
   CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER "I". (CBC 11B-703.2.4)

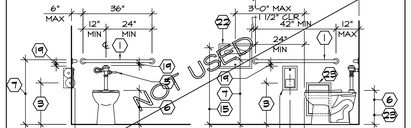
   STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAX OF THE HEIGHT OF THE CHARACTER. (CBC 11B-703.2.6)
5. BRAILLE:
   CONTRACTED (GRADE 2) BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 0.100 INCH (2.5 MM) ON CENTERS IN EACH CELL WITH 0.300 INCH (7.6 MM) SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MIN OF 0.025 INCH (0.6 MM) TO MAX 0.037 INCH (0.9 MM) ABOVE THE BACKGROUND. (CBC 11B-703.3)

DOTS ARE TO BE ROUNDED OR DOMED CALIFORNIA BRAILLE DOTS, EACH DISTINCT AND SEPARATE. DOTS WITH STRAIGHT SIDES AND FLAT TOPS ARE NOT ACCEPTABLE.

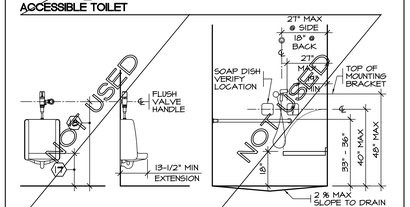
6. MOUNTING LOCATIONS:
   FOR ALL MOUNTING LOCATIONS SEE DETAIL (K / ASX1)
7. ALL INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) PROPORTIONS SHALL MATCH CBC FIGURE 11B-703.7.2.1.
8. VISUAL CHARACTERS SHALL COMPLY WITH CBC SECTION 11B-703.5 AND SHALL BE 40" MINIMUM ABOVE FINISH FLOOR OR GROUND. VISUAL CHARACTER STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10% MINIMUM AND 20% MAXIMUM OF THE HEIGHT OF THE CHARACTER. CBC SECTION 11B-703.5.1.
9. PICTOGRAMS SHALL COMPLY WITH CBC SECTION 11B-703.6.
10. VARIABLE MESSAGE SIGNS SHALL COMPLY WITH CBC SECTION 11B-703.8.

ACCESSIBILITY SIGNAGE

SCALE: 1 1/2" = 1'-0" | A

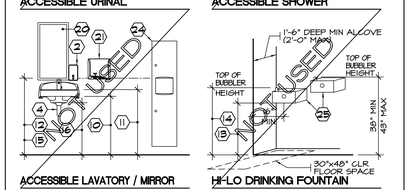


ACCESSIBLE TOILET



ACCESSIBLE URINAL

ACCESSIBLE SHOWER



ACCESSIBLE LAVATORY / MIRROR

HI-LO DRINKING FOUNTAIN

KEYNOTES:

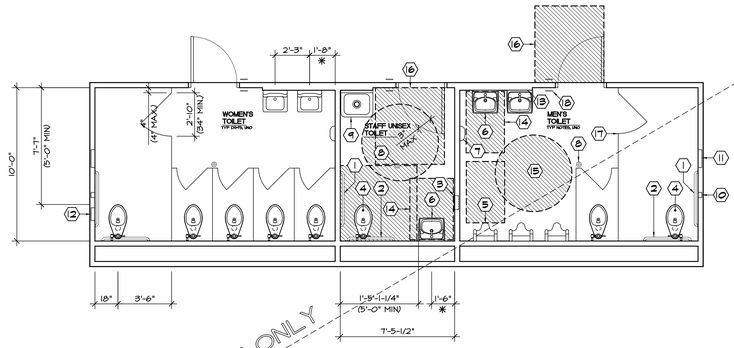
1. GRAB BAR (E / AX1)
2. SOAP DISPENSER
3. RECESSED TISSUE DISPENSER (CONTRACTOR TO PROVIDE RECESS) 3" MAX PROJECTION FROM WALL
4. INSULATE TRAP AND SUPPLY WATER PIPING, NO SHARP OR ABRASIVE EDGES
5. HANDLE ON WIDE SIDE OF TOILET STALL
6. - 17"-19" (ADULT TOILET SEAT)
   - 15"-17" (AGES 9-12)
   - 12"-15" (AGES 5-8)
   - 11"-12" (AGES 3-4)
7. - 33"-36" (ADULT GRAB BAR)
   - 18"-27" (AGES 3-12)
8. - 7" MIN - 9" MAX
9. - 17"-18" (ADULT TOILET)
   - 15"-18" (AGES 9-12)
   - 12"-15" (AGES 5-8)
   - 12" (AGES 3-4)
10. - 24" MIN (ADULT LAVATORY)
    - 26" MIN (AGES 6-12)
    - PARALLEL APPROACH (AGES 3-4)
11. - 34" MAX (ADULT LAVATORY)
    - 31" MAX (AGES 6-12)
    - 24" MAX (AGES 3-5)
12. (TO BOTTOM OF REFLECTIVE SURFACE) 35" MAX AT MIRROR, NOT ABOVE LAVATORY NOR COUNTERTOP
    - 40" MAX (ADULT MIRROR)
    - 31" MAX (AGES 6-12)
    - 32" MAX (AGES 3-5)
13. DRINKING FOUNTAIN KNEE SPACE
    - 27" MIN (AGES 5-ADULT)
    - PARALLEL APPROACH (AGES 3-4)

NOTE:
ALL TRAPS AND ALL SUPPLY WATER PIPING, WHETHER LOCATED AT LAVATORIES OR AT SINKS SET IN COUNTERS, TO BE INSULATED. NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

14. - 36" MAX (ADULT BUBBLER)
    - 36" MAX (AGES 6-12)
    - 30" MAX (AGES 3-5)
15. - 40" MAX (ADULT DISPENSER / CONTROL)
    - 31" MAX (AGES 6-12)
16. - 27" MIN (ADULT LAVATORY)
    - 24" MIN (AGES 6-12)
    - PARALLEL APPROACH (AGES 3-5)
17. - 17" MAX AT URINALS
18. - 44" MAX AT URINALS
19. 1-1/2" MIN CLR TO THE TANGENT POINT OF GRAB BAR
20. 16" x 30" MIRROR W/ 9S FRAME
21. HAND DRYER - 4" MAX PROJECTION
22. TOILET SEAT COVER DISPENSER
23. SEMI-RECESSED FEMININE NAPKIN DISPOSAL - SAME HEIGHT AS TOILET SEAT, 3" MAX PROJECTION
24. RECESSED TOWEL DISPENSER / WASTE RECEPTACLE
25. HI-LO DRINKING FOUNTAIN NOTES:
    1. CONTROLS TO BE LOCATED WITHIN 6" OF FRONT OF DRINKING FOUNTAIN
    2. SPOUT IS LOCATED WITHIN 5" OF FRONT OF DRINKING FOUNTAIN & 15" MIN FROM FACE OF WALL
    3. ANGLE OF WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT
    4. IF THE SPOUT IS LESS THAN 5" FROM FRONT OF THE DF THE ANGLE OF WATER STREAM SHALL BE 30° MAX
    5. IF THE SPOUT IS BETWEEN 3"-5", ANGLE OF STREAM SHALL BE 15° MAX.
    6. SPOUT TO PROVIDE 4" MIN HIGH FLOW OF WATER
    7. CONTROLS TO BE OPERATED WITH 5LB MAX FORCE PER CBC 11B-309.4
    8. DRINKING FOUNTAINS TO BE 18" MIN - 19" MAX IN DEPTH

EXISTING ENLARGED PLAN KEYNOTES:

1. 42" MIN GRAB BAR
2. 36" MIN GRAB BAR
3. RECESSED TOWEL DISPENSER / WASTE RECEPTACLE
4. ACCESSIBLE TOILET
5. ACCESSIBLE URINAL
6. ACCESSIBLE LAVATORY
7. HAND DRIER (4" MAX PROJECTION)
8. FLOOR DRAIN, 2% MAX SLOPE TO DRAIN
9. MOP SINK
10. RECESSED TISSUE DISPENSER
11. RECESSED TOILET SEAT COVER DISPENSER
12. RECESSED FEMININE NAPKIN DISPOSAL
13. MIRROR - SEE INTERIOR ELEVATIONS
14. 30" x 48" CLEAR FLOOR SPACE
15. 60" DIAMETER CLEAR FLOOR SPACE
16. 60" x 54" CLEAR FLOOR SPACE
17. TOILET PARTITION
18. ACCESSIBLE SIGNAGE



FOR REFERENCE ONLY

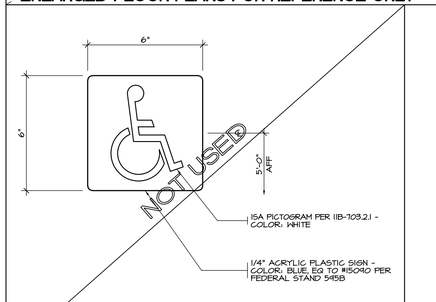
NOTES:

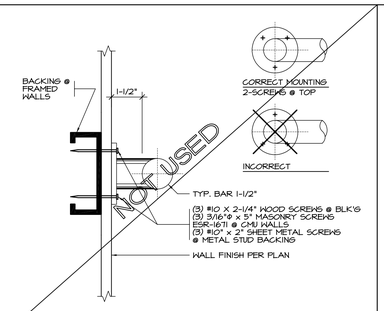
1. SEE (B / -) FOR ALL FIXTURE MOUNTING HEIGHTS.
2. DIMENSION WITH ✱ INDICATES CLEAR TO FACE OF FINISH.
3. DIMENSION WITH INDICATES CLEAR TO FACE OF FINISH.

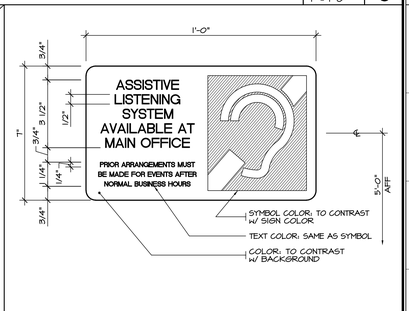
N

ENLARGED FLOOR PLANS FOR REFERENCE ONLY

SCALE: 1" = 1'-0" | C





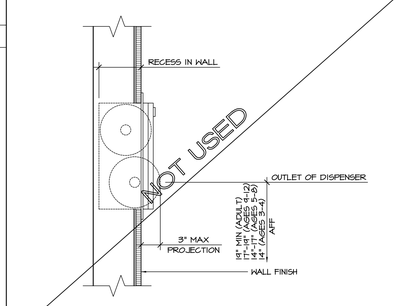


ACCESSIBILITY SIGNAGE

SCALE: 1 1/2" = 1'-0" | A

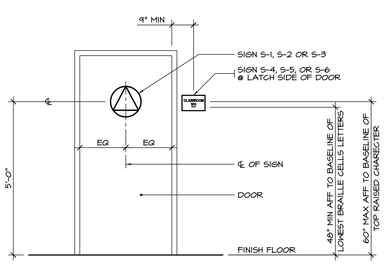
FIXTURE MOUNTING HEIGHTS

SCALE: 3/8" = 1'-0" | B



ACCESSIBLE AISLE SIGN

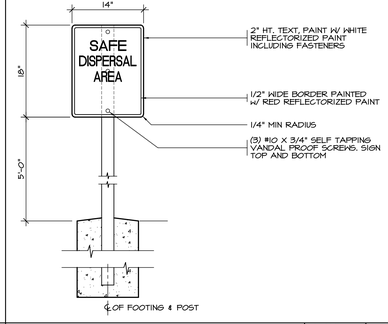
SCALE: NTS | D



NOTE:
PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLES 430.B 44.30 OF THE ADAAG.

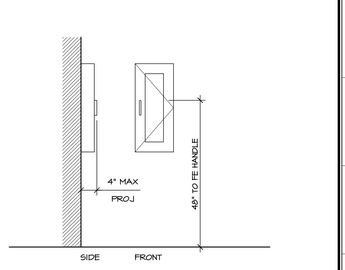
(E) GRAB BAR DETAIL

SCALE: NTS | E



ASSISTIVE LISTENING SIGN

SCALE: NTS | F

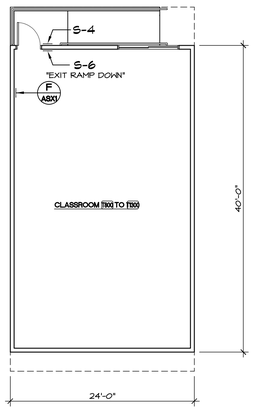


TYPICAL RELOCATABLE CLASSROOM

SCALE: 1" = 1'-0" | G

HARDWARE HEADING 1:
EXTERIOR CLASSROOM DOOR

1	MORTISE LOCK	L-SERIES, L9071-R-06A (LESS OUTSIDE TRIM)	626	SCHLAGE
1	PULL	VR900 SERIES (W/ BUILT IN LOCK PROTECTOR)	630	IVES
3	BUTTS	4 1/2 x 4 1/2 BB 1199	630	HAGAR
1	CLOSER	4040, PARALLEL ARM	689	LCN
1	WALL TYPE HOLDER	W540	626	IVES
3	DOOR SILENCER	1337-A	RUBBER	QUALITY
1	THRESHOLD	216-A (MACHINE SCREWS AND ANCHORS)	ALUM.	PEMKO
1	WEATHERSTRIP	2891 AS (SILICONE SEAL)	ALUM.	PEMKO
1	DOOR BOTTOM SWEEP	315 CN (NEOPRENE SEAL)	ALUM.	PEMKO



NOTE:
FOR SIGNAGE PROFILES SEE A / ASX1
FOR RAMP SEE SHEET R-1
FOR WINDOW TYPES SEE P / ASX1

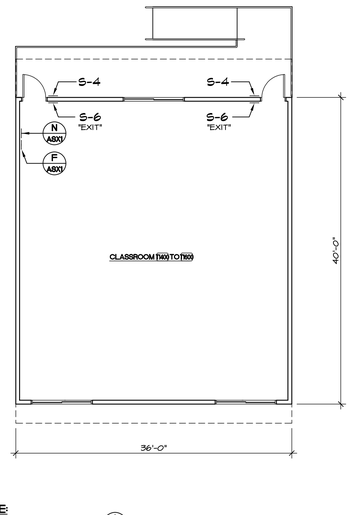
N

40 x 36 RELOCATABLE CLASSROOM

SCALE: 1" = 1'-0" | H

HARDWARE HEADING 1:
EXTERIOR CLASSROOM DOOR

PER PC DRAWINGS



NOTE:
FOR SIGNAGE PROFILES SEE A / ASX1
FOR RAMP SEE SHEET R-1
FOR WINDOW TYPES SEE P / ASX1

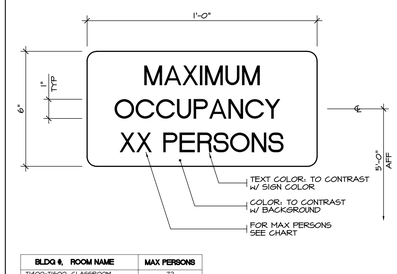
N

RECESSED TISSUE DISPENSER

SCALE: NTS | J

SIGN LOCATIONS / MOUNTING

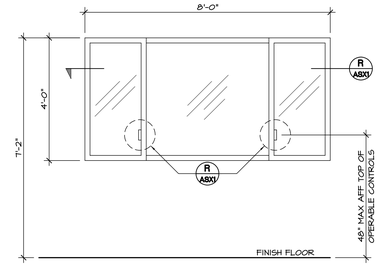
SCALE: 1/2" = 1'-0" | K



BLDG #, ROOM NAME	MAX PERSONS
T1400-T1600 CLASSROOM	72

MAXIMUM OCCUPANCY SIGN

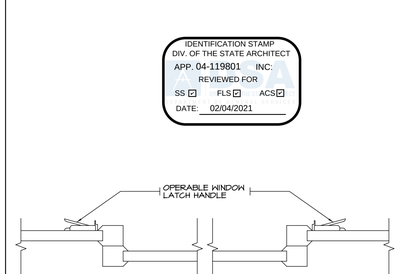
SCALE: NTS | N



WINDOW TYPE "A"

SCALE: 1/2" = 1'-0" | P

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



OPERABLE WINDOW LATCH

SCALE: NTS | R

TYPICAL MOUNTING HEIGHTS

SCALE: NTS | M

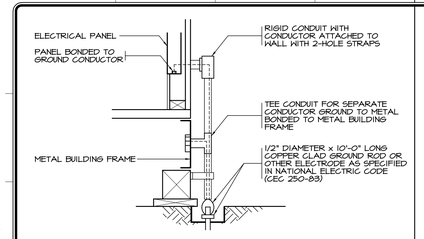
Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
ACCESS COMPLIANCE DETAILS

LICENSED ARCHITECT
JIMMIE L. SANDERS
No. C-17644
RENEWAL DATE
7-31-21
STATE OF CALIFORNIA

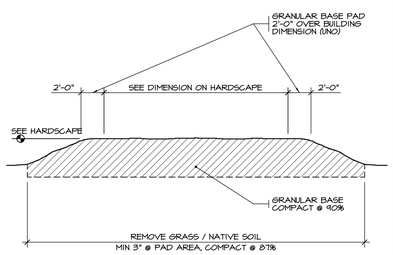
Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	ASX1



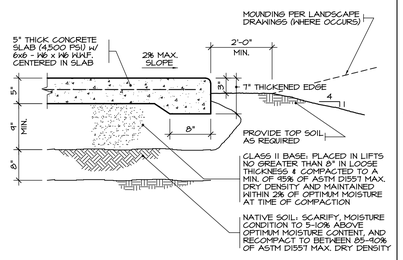
NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-94.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-81). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250-81 & 250-83).
3. ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING)
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-84) AS REQUIRED.

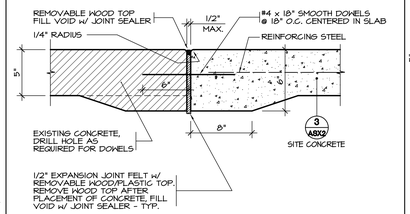
GROUNDING
SCALE: N.T.S. | 1



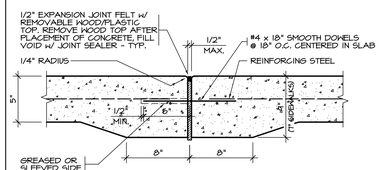
PAD SECTION
SCALE: NTS | 2



SITE CONCRETE SECTION
SCALE: 1" = 1'-0" | 3



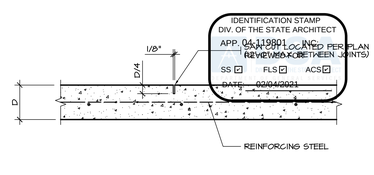
NEW-TO-EXISTING
SCALE: 1 1/2" = 1'-0" | 4



NOTE:

ADJACENT POURS SHALL BE FLUSH

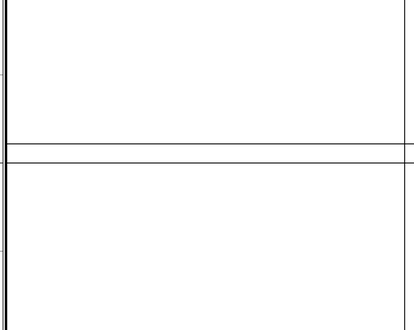
EXPANSION JOINT
SCALE: 1 1/2" = 1'-0" | 5



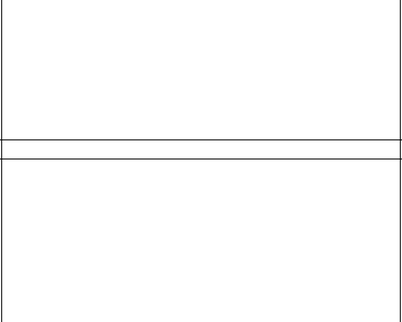
NOTE:

SLAB MUST BE CUT WITHIN 8 HOURS OF PLACEMENT OF CONCRETE OR CONCRETE WILL BE REJECTED

CONTROL JOINT
SCALE: 1 1/2" = 1'-0" | 6



UNPAVED AREA

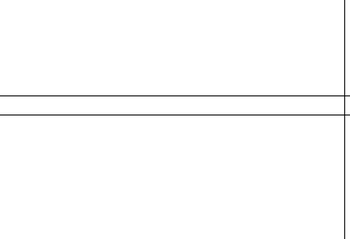


PAVED AREA

TYPICAL TRENCH DETAIL
SCALE: NTS | 7

NOTES:

1. PATCHES TO PEDESTRIAN PAVEMENT SHALL COMPLY WITH IIB-302.1 AND IIB-303
2. VERIFY PAVING SECTION AT FIRE LANES CAN ACCOMODATE AND BACKFILL IN KIND



EXTERIOR PULL BOXES
SCALE: NTS | 8

APPROVALS

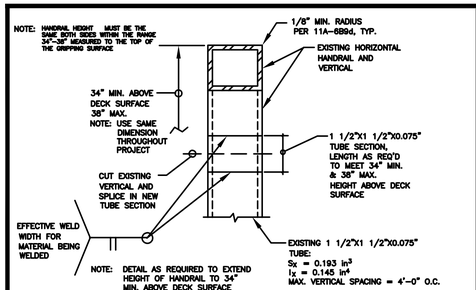
Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

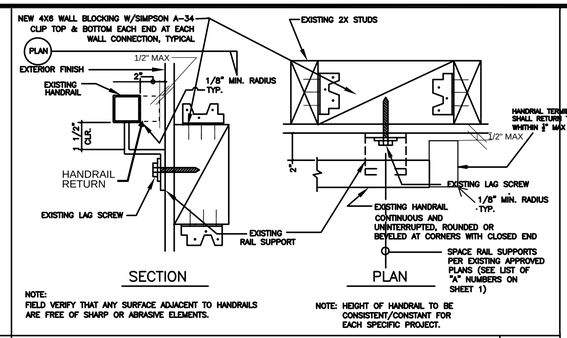
Sheet Title
SITE DETAILS

LICENSED ARCHITECT JIMMIE SANDERS No. 17644 RENEWAL DATE 08-31-21 STATE OF CALIFORNIA

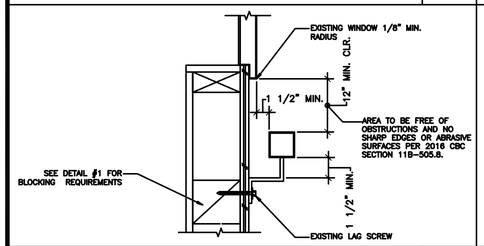
Document Date	Project Number
09-01-20	20-121V
Date Last Revised	Sheet Number
	ASX2



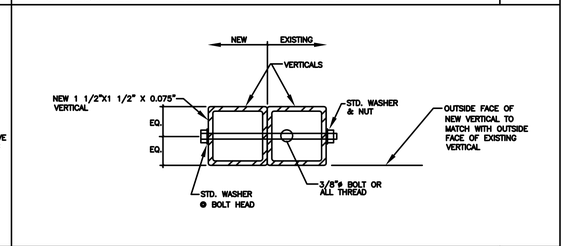
NEW EXTENSION OF EXISTING VERTICALS SCALE: 1 1/2"=1'-0" | 2



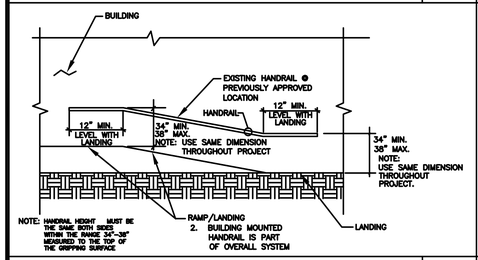
NEW HANDRAIL CONNECTION AT WOOD BLOCKING AS REQUIRED – FIELD VERIFY IF NEEDED SCALE: 3"=1'-0" | 1



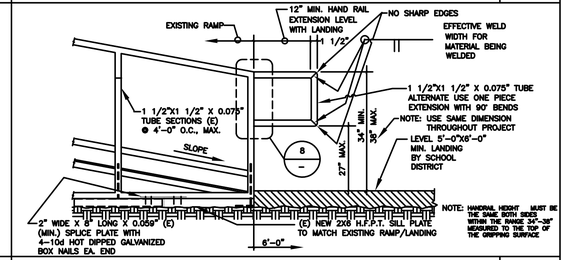
HANDRAIL CLEARANCE DETAIL | 4



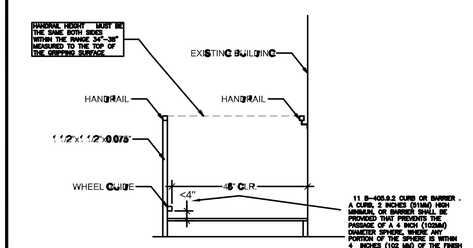
NEW CONNECTION TUBE TO TUBE | 3



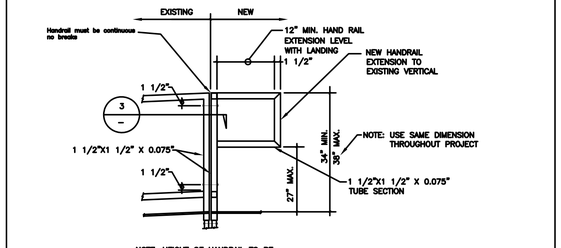
TYPICAL EXISTING WALL MOUNTED HANDRAIL | 6



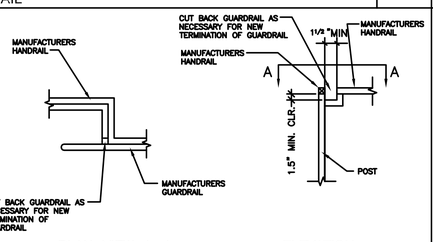
EXISTING HANDRAIL EXTENSION NO SCALE | 5



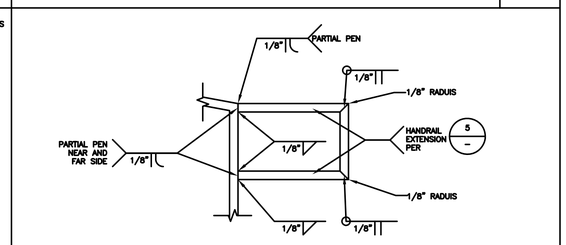
WHEEL GUIDE DETAIL | 5A



NEW 12" HANDRAIL EXTENSION NO SCALE | 7



GUARDRAIL MODIFICATION NO SCALE | 9



12" HANDRAIL EXTENSION NO SCALE | 8

SCALE: 1/2"=1'=0"

NOTES:

CODES:
2018 INTERNATIONAL BUILDING CODE (IBC)/2019 CALIFORNIA BUILDING CODE (CBC)

DESIGN LOADS:
RAMP LIVE LOAD: 100 PSF
WIND LOAD: 110 MPH EXPOSURE "C", K_{ZT} = 1.0
WIND PER ASCE 7-10 CHAPTER 29, (RISK) CATEGORY II

SEISMIC:
Sa= 2.85 Fa= 1.0
S1= 1.24 Fv= 1.5
SITE CLASS = D SEISMIC DESIGN CATEGORY = E
Sds= 1.90 I = 1.0
Sd1 = 1.24 R = 3.5

NO SNOW LOADING

NO FLOOD LOADING

HANDRAIL & GUARD RAIL LOADS:
50#/FT
200# POINT LOAD

ALLOWABLE SOIL BEARING = 1000 PSF
MATERIAL SPECIFICATIONS:
STEEL: TYPICAL TUBE STEEL ASTM A500 GRADE A (Fy = 39KSI FOR SHAPED TUBING & Fy = 33 KSI FOR ROUND TUBING)
TUBE STEEL FOR HANDRAIL POSTS SHALL CONFORM TO ASTM A500 GRADE A
ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
STEEL PLATE ASTM A36

BOLTS: ASTM A307 (GALVANIZED)

WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-08 FOR SHEET STEEL"
ELECTRODES SHALL BE E70XX.

GENERAL NOTES:
1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30" OF RISE, PER CBC 11B-405.7.

2) LOCATION OF LANDINGS.
LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION . LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.

NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

SLOPE	MAX. RISE (INCHES)	MAX. HORIZONTAL PROJECTION
1:12	30	30'-0"
1:16	30	40'-0"
1:20	30	50'-0"
1:15	30	37'-6"

2. SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN, PER CBC 11B-405.7.2 AND .3.

3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.

4) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF SLIP-RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.

5) RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.

6) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.

7) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), 11B-504 (STAIRS).

8) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.

9) THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48" MIN.

10) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.

11) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).

12) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGES APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.

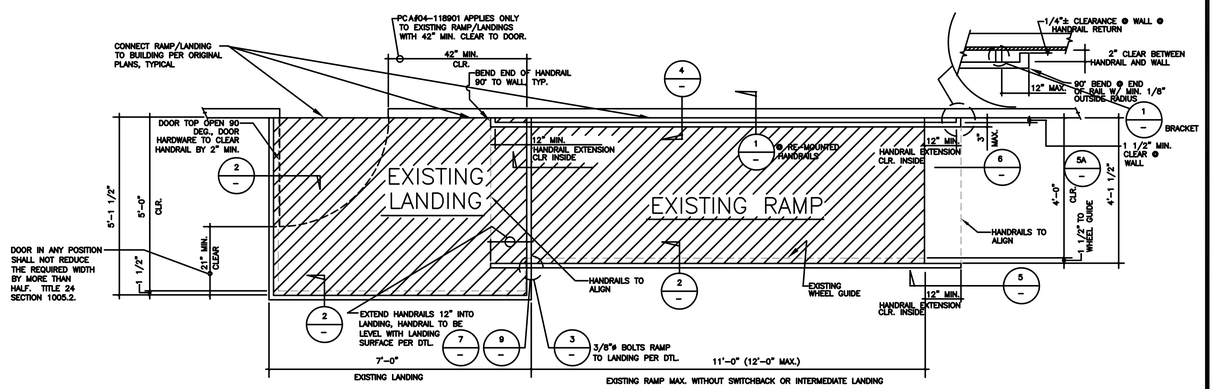
13) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24 CCR.

IN PLANT: SHOP WELDING INSPECTION AND MATERIAL VERIFICATION

SITE CONSTRUCTION: CLASS 4

DSA NOTES:
1. ALL WORK SHALL CONFORM TO THE 2019 EDITION OF TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR) COMPLIANCE WITH TITLE 24 FOR PARTS 1-6 & 9
2. TITLE 24 PARTS 1-5 MUST BE KEPT ON SITE DURING CONSTRUCTION.
3. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
4. SUBSTITUTIONS AFFECTING ACS, FLS AND SS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
   - SUBSTITUTIONS SHALL BE FOR ANY MATERIAL, SYSTEM OR PRODUCT THAT WOULD OTHERWISE BE REVIEWABLE DURING ROUTINE PLAN CHECK BY DSA – SSS, FLS, ACS OR ENERGY.
5. CONSTRUCTION CHANGES CCD'S MUST BE SIGNED BY ALL THE FOLLOWING:
   - A/E OF RECORD
   - OWNER (CONSTRUCTION CHANGES)
   - STRUCTURAL ENGINEER (WHEN APPLICABLE)
   - DELEGATED PROFESSIONAL ENGINEER (WHEN APPLICABLE)
   - DSA
6. A 'DSA CERTIFIED' PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF HT EWORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
   - A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TEST AND INSPECTIONS FOR THE PROJECT.
7. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

Note: Verify the exit width & the number of required exits.



SITE SPECIFIC APPROVAL	DSA PC STAMP	APPROVAL – PC ENGINEER OF RECORD
	PRE-CHECK (PC) DOCUMENT CODE: 2019 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.	REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No.3602 STRUCTURAL STATE OF CALIFORNIA Date Signed: February 11, 2020

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-118901 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02.12.2020

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

MOBILE MODULAR MANAGEMENT
11450 MISSION BLVD.
MIRA LOMA, CA 91752

HANDRAIL EXTENSION OPTION
2019 CALIFORNIA BUILDING CODE
RAMP/LANDING MODIFICATIONS FOR
EXISTING RAMP AND LANDINGS

TYPICAL PLAN, DETAILS & SPECIFICATIONS

STRUCTURAL ENGINEERS, INC.
4091 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710
MEMBER
STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE INSTITUTE
(909) 613-0234
Fax(909) 613-0238

DRAWN	
CHECKED	
DATE	01 FEB 2020
SCALE	
JOB NO.	

R-1

NOTES

1. EXISTING MAIN SWITCHBOARD "MS". PROVIDE PERMANENT NAMEPLATE FOR EACH BREAKER.
2. EXISTING PANEL PROVIDED WITH BUILDING
3. INTERCEPT EXISTING CONDUIT STUB AND EXTEND TO NEW BUILDING
4. 2" PVC. C., 3#3/0 CU, 1#4 CU GND
5. 2" PVC. C., 3#2/0 CU, 1#4 CU GND
6. 2" PVC. C., 3#1/0 CU, 1#6 CU GND
7. 2" PVC. C., 3#1 CU, 1#6 CU GND
8. FLUSH GRADE CONCRETE PULLBOX, 24"X36"X18" D.
9. NEW DISTRIBUTION PANEL "DPA"
10. (2) 2" PVC. CO., 4#3/0 CU, 1#1/0 CU GND IN EACH
11. FIRE ALARM PANEL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SITE ELECTRICAL PLAN

SCALE: 1" = 20'-0"

KRUSE & ASSOCIATES
LIGHTING AND ELECTRICAL DESIGN
10045 WORLD TRADE DRIVE, SUITE A SAN DIEGO, CA 92126
P. 858.679.9776 F. 858.679.9744 WWW.KRUSEASSOC.NET

REGISTERED PROFESSIONAL ENGINEER
GERALD L. KRUSE
No. E075691
Exp. 08-30-20
ELECTRICAL
STATE OF CALIFORNIA

APPROVALS

Sanders, INC.
Architecture/Engineering
1102 INDUSTRY WAY, SUITE A
EL CENTRO, CA 92243
760 353 5440 FAX 760 353 5442

Project Title
IMPERIAL VALLEY COLLEGE
(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
SITE ELECTRICAL PLAN

LICENSED ARCHITECT
JAMES SANDERS
No. C-17647
RENEWAL 08/31/2021
STATE OF CALIFORNIA

Document Date	Project Number
04-01-20	20-121V
Date Last Revised	Sheet Number
	E1.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
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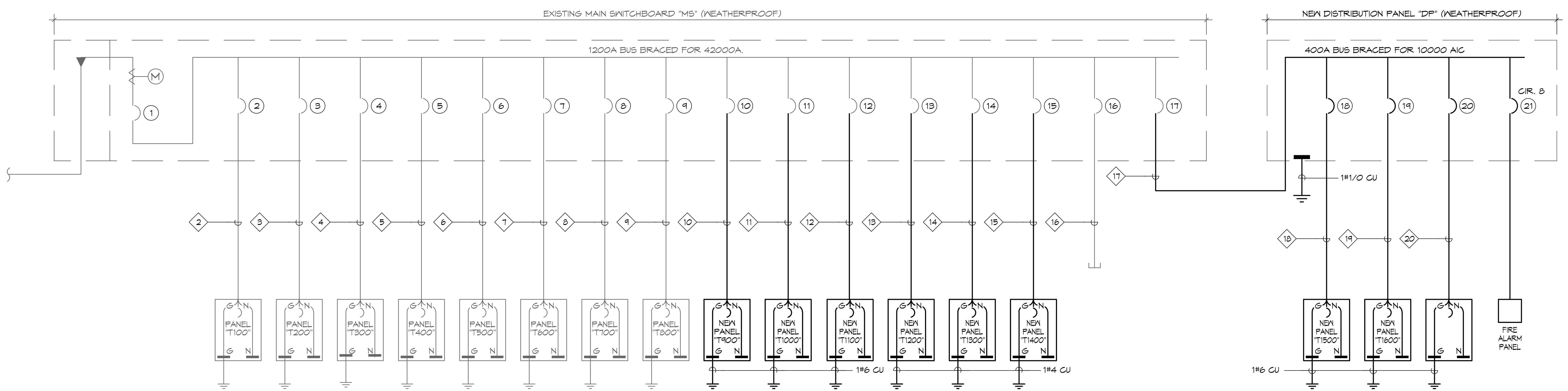
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



POWER SINGLE LINE DIAGRAM

NO SCALE

	DEVICE NUMBER	C.B. OR S.W. SIZE	FUSE SIZE	FUSE TYPE	FEEDER NUMBER	CONDUITS & CONDUCTORS								
						CONDUIT TYPE	CONDUIT SIZE	CNDCTR. QUANTITY	CNDCTR. SIZE	CNDCTR. TYPE	GND. CU.	LENGTH	0/0 V.D.	
EXIST.	1	1200A	-	-	1	PVC	(3)5"	-	-	-	-	-	-	
EXIST.	2	100A 2P	-	-	2	PVC	2"	3	2	CU	8	-	-	
EXIST.	3	100A 2P	-	-	3	PVC	2"	3	2	CU	8	-	-	
EXIST.	4	100A 2P	-	-	4	PVC	2"	3	2	CU	8	-	-	
EXIST.	5	100A 2P	-	-	5	PVC	2"	3	2	CU	8	-	-	
EXIST.	6	100A 2P	-	-	6	PVC	2"	3	2	CU	8	-	-	
EXIST.	7	100A 2P	-	-	7	PVC	2"	3	2	CU	8	-	-	
EXIST.	8	100A 2P	-	-	8	PVC	2"	-	-	-	-	-	-	
EXIST.	9	100A 2P	-	-	9	PVC	2"	-	-	-	-	-	-	
EXIST.	10	100A 2P	-	-	10	PVC	2"	3	1	CU	6	-	-	NEW CONDUIT & WIRE
EXIST.	11	100A 2P	-	-	11	PVC	2"	3	1/0	CU	6	-	-	NEW CONDUIT & WIRE
EXIST.	12	100A 2P	-	-	12	PVC	2"	3	1/0	CU	6	-	-	NEW CONDUIT & WIRE
EXIST.	13	100A 2P	-	-	13	PVC	2"	3	2/0	CU	4	-	-	NEW CONDUIT & WIRE
EXIST.	14	100A 2P	-	-	14	PVC	2"	3	2/0	CU	4	-	-	NEW CONDUIT & WIRE
EXIST.	15	100A 2P	-	-	15	PVC	2"	3	3/0	CU	4	-	-	NEW CONDUIT & WIRE
EXIST.	16	-	-	-	16	-	-	-	-	-	-	-	-	
NEW	17	400A 3P	-	-	17	PVC	(2) 2"	3	3/0	CU	1/0	-	-	NEW CONDUIT & WIRE
NEW	18	100A 2P	-	-	18	PVC	2"	3	1	CU	6	-	-	NEW CONDUIT & WIRE
NEW	19	100A 2P	-	-	19	PVC	2"	3	1	CU	6	-	-	NEW CONDUIT & WIRE
NEW	20	100A 2P	-	-	20	PVC	2"	3	1	CU	6	-	-	NEW CONDUIT & WIRE
NEW	21	15A 1P	-	-	21	EMT	1/2"	2	12	CU	12	-	-	NEW CONDUIT & WIRE

LOAD RECAP

EXISTING	105040 W
NEW LOAD	119808 W
	TOTAL 224848 W = 625 A @ 120/208V, 3Φ

KRUSE & ASSOCIATES
LIGHTING AND ELECTRICAL DESIGN

REGISTERED PROFESSIONAL ENGINEER
GERALD L. GREEN
No. E015691
Exp. 06-30-20
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STATE OF CALIFORNIA

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(6) 24' x 40' AND (3) 36' x 40' RELOCATABLE CLASSROOM

Sheet Title
SINGLE LINE DIAGRAM

LICENSED ARCHITECT
STATE OF CALIFORNIA

Document Date	Project Number
04-01-20	20-121V
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	E2.1

IVC 9 INTERIM HOUSING RELOCATABLES

FIRE ALARM SYSTEM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

Johnson Controls
DISTRICT - 480
3668 RUFFIN ROAD SOUTH
SAN DIEGO, CA 92123
SERVICE: 858-633-9100
PHONE: 858-633-9100
FAX: 858-633-9101

DRAWING INDEX

Sheet List Table

Sheet Number	Sheet Title
FA-001	COVER SHEET
FA-002	SITE PLAN
FA-101	FIRE ALARM DEVICE PLACEMENT PLAN
FA-201	FIRE ALARM RISER DIAGRAM, CALCULATIONS & SCHEDULES
FA-501	PANEL DETAIL
FA-701	WIRING TYPICALS

GENERAL NOTES

1. THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. EXACT ROUTING OF CONDUITS IS TO BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
2. SHOULD ANY CONDITIONS EXIST THAT DIFFER FROM WHAT IS INDICATED ON THESE DRAWINGS WHICH CAUSE MAJOR DEVIATIONS IN THE WORK SHOWN, THE CONTRACTOR SHALL CONTACT JOHNSON CONTROLS IN A TIMELY MANNER SO AS NOT TO IMPAIR THE CONSTRUCTION SCHEDULE.
3. CONTRACTOR IS RESPONSIBLE FOR MAKING AND OBTAINING APPROVAL FOR ALL NECESSARY ADJUSTMENTS IN CIRCUITING AS REQUIRED TO ACCOMMODATE THE RELOCATION OF EQUIPMENT AND/OR DEVICES WHICH ARE AFFECTED BY ANY AUTHORIZED CHANGE. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
4. A STAMPED SET OF APPROVED FIRE ALARM DRAWINGS SHALL BE AT THE JOB SITE AND SHALL BE USED FOR INSTALLATION.
5. THE POWER CIRCUIT TO THE FACP AND TO THE FIRE ALARM POWER SUPPLIES SHALL BE ON A DEDICATED 120V, 20A BRANCH CIRCUIT BREAKER, AND SHALL HAVE A RED MARKING, LOCK-ON PROVISION AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL." THE LOCATION OF THE CIRCUIT DISCONNECT MEANS (CIRCUIT BREAKER) SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.
6. UPDATE THE AS-BUILT DRAWING SET DAILY WITH JOB PROGRESS. RETURN THE AS-BUILT DRAWING SET TO JOHNSON CONTROLS NO LATER THAN 7 DAYS AFTER FINAL TEST.
7. THE CONTRACTOR WILL MAINTAIN ALL AREAS OF THE BUILDING IN A NEAT AND WORKMANLIKE MANNER.
8. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAINED JOHNSON CONTROLS TECHNICAL REPRESENTATIVE.
9. ANY SMOKE DETECTOR HEAD INSTALLED BEFORE THE BUILDING IS CLEANED AND ACCEPTED SHALL BE COVERED TO PROTECT FROM DUST. ANY FALSE ALARMS DUE TO DIRT CONTAMINATED HEADS SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM INSTALLER.
10. THE FIRE ALARM INSTALLER WILL MAINTAIN THE FIRE RESISTANCE INTEGRITY OF ALL WALL, CEILING, AND ROOF ASSEMBLIES ANY TIME THAT WORK IS NOT ACTIVELY BEING PERFORMED.
11. INSTALLATION OF DEVICES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. POWER LIMITED AND NON-POWER LIMITED FIELD WIRING MUST BE INSTALLED WITHIN THE FACP ENCLOSURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPLICABLE ELECTRICAL CODES. REFER TO 'APPLICABLE CODES & STANDARDS' FOR SPECIFIC CODE REFERENCES.
12. ALL WIRING SHALL BE INSTALLED ACCORDING TO APPLICABLE ELECTRICAL CODES.
13. FIRE ALARM CIRCUITS SHALL BE IDENTIFIED IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES. MARK ALL FIRE ALARM WIRES IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODE SECTIONS FOR POWER LIMITED AND NON-POWER LIMITED WIRE.
14. FIRE ALARM CABLE INSTALLED IN DUCTS, PLENUM, AND OTHER SPACES USED FOR ENVIRONMENTAL AIR SHALL BE TYPE FPLP.
15. FIRE ALARM CABLE INSTALLED IN THE VERTICAL RUNS AND PENETRATING MORE THAN ONE FLOOR OR CABLES INSTALLED IN VERTICAL RUNS IN SHAFTS SHALL BE TYPE FPLR.
16. FIRE ALARM CABLE INSTALLED IN UNDERGROUND CONDUIT OR OTHER WET LOCATIONS SHALL BE UL LISTED FOR WET LOCATIONS.
17. FIRE ALARM CIRCUITS EXTENDING BEYOND ONE BUILDING AND RUN OUTDOORS SHALL BE INSTALLED IN ACCORDANCE APPLICABLE ELECTRICAL CODES, WHERE APPLICABLE.
18. ALL WIRING, INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
19. ALL SHIELDED WIRE MUST HAVE SHIELD CONTINUITY AT FULL LENGTH OF THE WIRE.
20. ONLY SYSTEM WIRING CAN BE RUN IN THE SAME CONDUIT.
21. 120VAC IS NOT PERMITTED IN THE SAME CONDUIT WITH LOW VOLTAGE WIRING.
22. MAINTAIN MAXIMUM CONDUIT FILL RATIO AS PER APPLICABLE ELECTRICAL CODES REQUIREMENTS.
23. EXISTING CONDUITS MAY BE USED BY THE INSTALLATION CONTRACTOR AS DEEMED NECESSARY; HOWEVER, ANY EXISTING CONDUIT WILL BE USED ONLY IF CONDUITS MEET CURRENT STANDARDS AND CODES. JOHNSON CONTROLS MAKES NO STATEMENTS WRITTEN OR VERBAL AS TO THE CONDITION OF EXISTING CONDUITS.

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LEGENDS

FIRE ALARM SYMBOL LEGEND

QTY	SYMBOL	DESCRIPTION	BRAND	MODEL	BACKBOX	WIRE TYPE	CSFM #
		PANELS					
1	NAC#	4009 TRUEALERT ADDRESSABLE CONTROLLER, 120 VAC, BEIGE	SIMPLEX	4009-9401	SIMPLEX CABINET	N/A	7300-0026:214
		INITIATING DEVICES					
24	S	ADDRESSABLE PHOTOELECTRIC SMOKE SENSOR W/ STANDARD BASE	SIMPLEX	4098-9714 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M	7272-0026:0218 7300-0026:0217
12	AC	ADDRESSABLE HIGH TEMP HEAT SENSOR W/ STANDARD BASE	SIMPLEX	4098-9734 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M	7270-0026:0216 7300-0026:0217
		MODULES AND RELAYS					
1	AA	TRUEALERT ADDRESSABLE ADAPTER	SIMPLEX	4905-9816	4-11/16" SQ. 2-1/8" D	A V	7300-0026:0315
		NOTIFICATION APPLIANCES					
9	#	ADDRESSABLE MULTI-CANDELA HORN/STROBE ,WALL MOUNT, RED, CLEAR LENS, FIRE	SIMPLEX	49AV-WRF	4" SQ. 1-1/2" D	A	7125-0026:0373
2	WP H	CONVENTIONAL MULTI-TONE HORN, OUTDOOR ,WALL MOUNT, RED, FIRE	SYSTEM SENSOR	HRK	SINGLE GANG 2" D	V	7135-1653:0189
		MISCELLANEOUS DEVICES					
	JB	JUNCTION BOX	BY OTHERS	BY OTHERS			

FIRE ALARM WIRE LEGEND

	CIRCUIT DESCRIPTION	CONSTRUCTION	GAUGE	CIRCUIT PROPERTIES	ACCEPTABLE CABLE TYPES: FPLR	FPLP	THHN	TFFN	OUTDOOR **	C.I.
A	ADDRESSABLE NOTIFICATION	UTP SOLID	14 AWG	60pf/ft. MAX CAPACITANCE; 3 twists/ft. MINIMUM	X	X				
Ab	ADDRESSABLE NOTIFICATION - OUTDOOR	STP SOLID	14 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**					X	
M	IDNET	UTP SOLID	18 AWG	60pF MAX TOTAL LINE CAPACITANCE	X	X				
Mb	IDNET - OUTDOOR	STP SOLID	18 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**	X	X			X	
V	VISUAL	2 COND. SOLID	14 AWG		X	X				

CONDUIT SIZE	MAX CONDUCTOR AREA	CONDUIT SIZE	MAX CONDUCTOR AREA
1/2"	0.122 SQ. INCH*	1-1/4"	0.598 SQ INCH*
3/4"	0.213 SQ INCH*	1-1/2"	0.814 SQ INCH*
1"	0.346 SQ INCH*	2"	1.342 SQ INCH*

* 40% CONDUIT FILL PER N.E.C. STP = SHIELDED TWISTED PAIR

ITEMS SUCH AS CAPACITANCE BETWEEN CONDUCTORS AND WIRE GAUGE CAN BE CRUCIAL TO THE CIRCUIT DESIGN OF THIS SYSTEM INSTALLATION. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR SELECTING AND INSTALLING CABLE MANUFACTURER AND MODEL THAT MEETS OR EXCEEDS THE ABOVE REQUIREMENTS. RECOMMENDED CABLE MANUFACTURERS AND MODEL NUMBERS ARE AVAILABLE UPON REQUEST.

APPLICABLE CODES & STANDARDS

JURISDICTIONS WITHIN THE STATE MAY HAVE AMENDMENTS TO THE STATE ADOPTED CODE. CHECK WITH THE LOCAL JURISDICTION AUTHORITY FOR MORE DETAILS.

California Building Code, 2019 Edition, Title 24, Part 2

California Fire Code, 2019 Edition, Title 24, Part 9

California Electric Code, 2019 Edition, Title 24, Part 3

NFPA 72, 2016 Edition with California Amendments

ABBREVIATIONS:
CSFM = CALIFORNIA STATE FIRE MARSHAL

OCCUPANCY TYPE(S):
E EDUCATIONAL GROUP

SPRINKLER PROTECTION:
BUILDING IS NOT SPRINKLED

JOHNSON CONTROLS CONTACTS

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Drawings Reviewed By

MARIO FLORES
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SCOPE OF WORK

MODIFY EXISTING FIRE ALARM SYSTEM: PROVIDE NEW DEVICES, RELOCATE AND DEMO EXISTING DEVICES AS SHOWN ON DRAWINGS.

ALL NEW WIRING TO BE CLASS B.

THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DISCONNECTED OR TAKEN OUT OF SERVICE WITHOUT WRITTEN PERMISSION FROM THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER THE TIMING OF ANY EXISTING FIRE ALARM SYSTEM DEMOLITION WORK.

PROJECT DIRECTORY

Site

IMPERIAL VALLEY COLLEGE
380 EAST ATEN ROAD
IMPERIAL, CA 92251

Johnson Controls District - 480

3668 RUFFIN ROAD SOUTH
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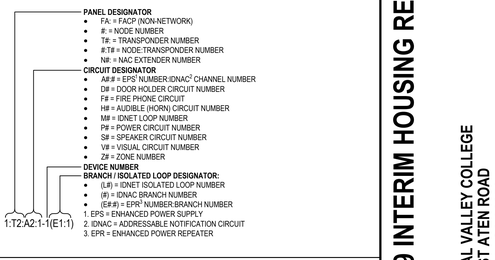
ABBREVIATIONS LEGEND

AC = ABOVE CEILING
AFF = ABOVE FINISHED FLOOR
AHJ = AUTHORITY HAVING JURISDICTION
ALM = ALARM
ANN = ANNUNCIATOR
BMS = BUILDING MANAGEMENT SYSTEM
C = CEILING MOUNTED
CD = CANDELA RATING
DET = DETECTOR
DGP = DATA GATHERING PANEL
E = EXISTING TO REMAIN
EOL = END OF LINE
EPO = EMERGENCY POWER OFF
FAA = FIRE ALARM ANNUNCIATOR
FACP = FIRE ALARM CONTROL PANEL
FATC = FIRE ALARM TERMINAL CABINET
FBO = FURNISHED BY OTHERS
FCC = FIRE COMMAND CENTER
FSD = FIRE SMOKE DAMPER
FTR = FIRE ALARM TRANSPONDER
H = HIGH HUMIDITY
HT = HEIGHT
HVAC = HEATING VENTILATION & AIR CONDITIONING
IMS = INFORMATION MANAGEMENT SYSTEM
MAX = MAXIMUM
MIN = MINIMUM
N/A = NOT APPLICABLE
NAC = NOTIFICATION APPLIANCE CIRCUIT
NDU = NETWORK DISPLAY UNIT
NEC = NATIONAL ELECTRIC CODE
NFPA = NATIONAL FIRE PROTECTION ASSOCIATION
NIC = NOT IN CONTRACT
NPU = NETWORK PROCESSING UNIT
NTS = NOT TO SCALE
PAP = PRE-ACTION PANEL
RC = EXISTING TO REMOVE AND COVER
RD = EXISTING DEVICE TO BE RELOCATED
RL = RELOCATED DEVICE
RR = REMOVE EXISTING & REPLACE WITH NEW
SCC = STATUS COMMAND CENTER
SLC = SIGNALING LINE CIRCUIT
SMK = SMOKE
SUPV = SUPERVISORY
TAC = TRUEALERT ADDRESSABLE CONTROLLER
TRBL = TROUBLE
TS = TAMPER SWITCH
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED
VCC = VOICE COMMAND CENTER
VT = VALVE TAMPER
W = WATTAGE
W/ = WITH
W/O = WITHOUT
WF = WATERFLOW
WG = WIRE GUARD
WP = WEATHERPROOF
XP = EXPLOSION PROOF

DEVICE TAG LEGEND



SYSTEM SEQUENCE OF OPERATIONS - EXISTING

SYSTEM INPUTS	SYSTEM OUTPUTS: A ACTUATE COMMON ALARM SIGNAL INDICATOR	B ACTUATE AUDIBLE ALARM SIGNAL	C ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	D ACTUATE AUDIBLE SUPERVISORY SIGNAL	E ACTUATE COMMON TROUBLE SIGNAL INDICATOR	F ACTUATE AUDIBLE TROUBLE SIGNAL	G ACTUATE APPROPRIATE EVACUATION INDICATOR	H ACTUATE ALL AUDIBLE EVACUATION SIGNALS	I ACTUATE ALL VISIBLE EVACUATION SIGNALS	J	K DISPLAY CHANGE OF STATUS	L TRANSMIT ALARM SIGNAL TO SUPERVISING STATION	M TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	N TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	O	P	Q	R	S	T
	CTRL UNIT ANNUNCIATION						NOTIFICATION				FIRE SAFETY CONTROL									
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1 SMOKE SENSOR/DETECTOR	X	X					X	X	X		X	X								
2 HEAT SENSOR/DETECTOR	X	X					X	X	X		X	X								
3 FIRE ALARM AC POWER FAILURE					X	X					X			X						
4 FIRE ALARM SYSTEM LOW BATTERY					X	X					X			X						
5 OPEN CIRCUIT OR GROUND FAULT					X	X					X			X						
6 CLASS B NOTIFICATION CIRCUIT (NAC) - SHORT					X	X					X			X						

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IVC 9 INTERIM HOUSING RELOCATABLES
IMPERIAL VALLEY COLLEGE
380 EAST ATEN ROAD
IMPERIAL, CA 92251

Revisions shown with ⚠ symbol

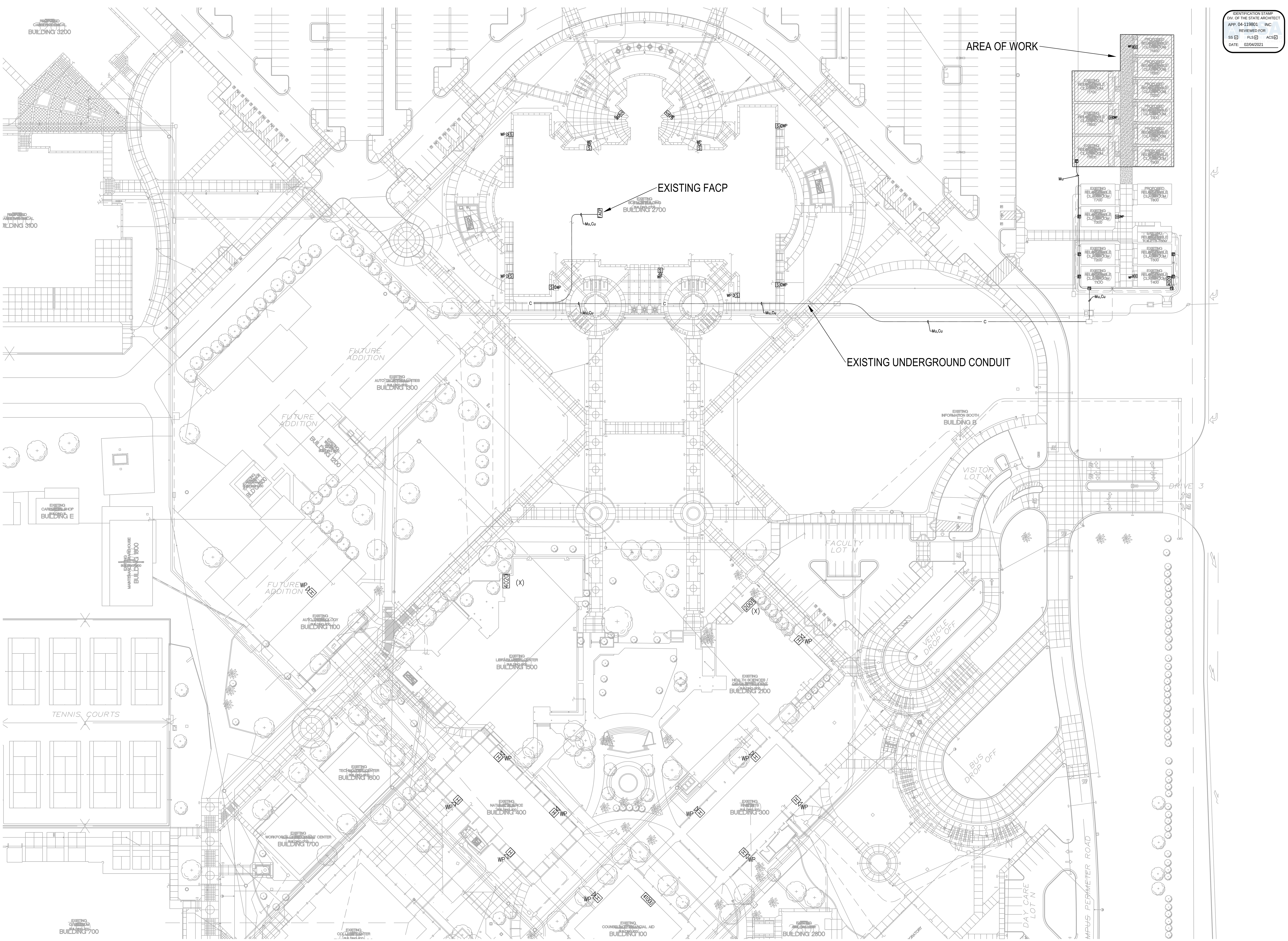
ISSUE LOG	MARK	DATE	CAD	CHK	DESCRIPTION

DRAWN BY:	R.A. HASTINGS
CHECKED BY:	M. FLORES
ISSUE DATE:	4/22/20
JOB #:	
PROJECT #:	480:618497401

SYSTEM:
FIRE ALARM SYSTEM

SHEET:
COVER SHEET

FA-001



SITE PLAN
SCALE:1" = 40'

IVC 9 INTERIM HOUSING RELOCATABLES

IMPERIAL VALLEY COLLEGE
380 EAST ATEN ROAD
IMPERIAL, CA 92251

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JOB #:	
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SYSTEM:
FIRE ALARM SYSTEM

SHEET:
SITE PLAN

FA-002

IDENTIFICATION STAMP
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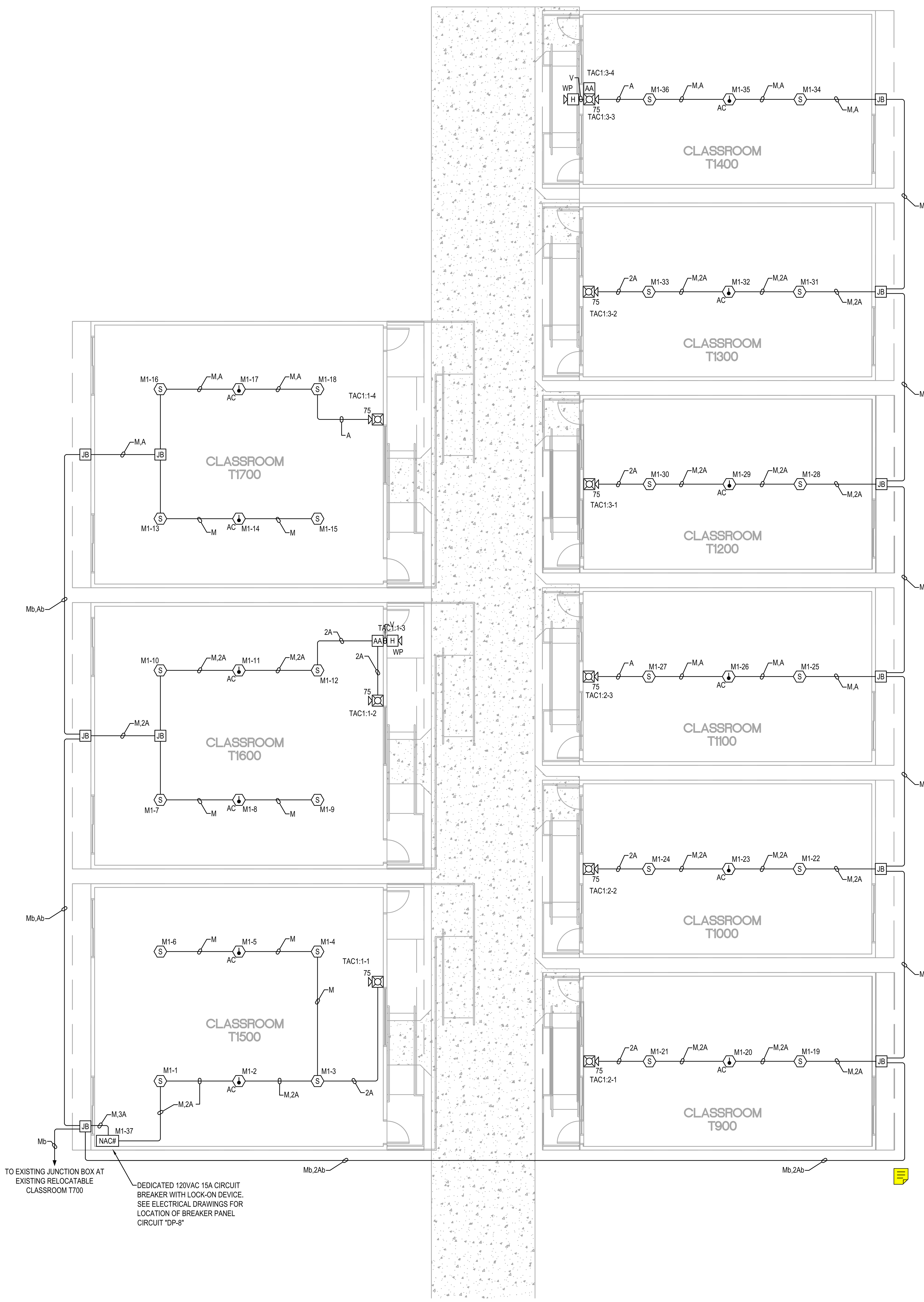

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION	BRAND	MODEL	BACKBOX	WIRE TYPE
PANELS					
NAC#	4009 TRUEALERT ADDRESSABLE CONTROLLER, 120 VAC, BEIGE	SIMPLEX	4009-9401	SIMPLEX CABINET	N/A
INITIATING DEVICES					
S	ADDRESSABLE PHOTOELECTRIC SMOKE SENSOR W/ STANDARD BASE	SIMPLEX	4098-9714 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M
AC	ADDRESSABLE HIGH TEMP HEAT SENSOR W/ STANDARD BASE	SIMPLEX	4098-9734 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M
MODULES AND RELAYS					
AA	TRUEALERT ADDRESSABLE ADAPTER	SIMPLEX	4905-9816	4-11/16" SQ. 2-1/8" D	A V
NOTIFICATION APPLIANCES					
#	ADDRESSABLE MULTI-CANDELA HORN/STROBE ,WALL MOUNT, RED, CLEAR LENS, FIRE	SIMPLEX	49AV-WRF	4" SQ. 1-1/2" D	A
H WP	CONVENTIONAL MULTI-TONE HORN, OUTDOOR ,WALL MOUNT, RED, FIRE	SYSTEM SENSOR	HRK	SINGLE GANG 2" D	V
MISCELLANEOUS DEVICES					
JB	JUNCTION BOX	BY OTHERS	BY OTHERS		

FIRE ALARM WIRE LEGEND

	CIRCUIT DESCRIPTION	CONSTRUCTION	GAUGE	CIRCUIT PROPERTIES	FPLR	FPLP	THHN	TFFN	OUTDOOR **	C.I.
					ACCEPTABLE CABLE TYPES					
A	ADDRESSABLE NOTIFICATION	UTP SOLID	14 AWG	60pf/ft. MAX CAPACITANCE; 3 twists/ft. MINIMUM	X	X				
Ab	ADDRESSABLE NOTIFICATION - OUTDOOR	STP SOLID	14 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**					X	
M	IDNET	UTP SOLID	18 AWG	60µF MAX TOTAL LINE CAPACITANCE	X	X				
Mb	IDNET - OUTDOOR	STP SOLID	18 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**	X	X			X	
V	VISUAL	2 COND. SOLID	14 AWG		X	X				

CONDUIT SIZE	MAX CONDUCTOR AREA	CONDUIT SIZE	MAX CONDUCTOR AREA
1/2"	0.122 SQ. INCH*	1-1/4"	0.598 SQ INCH*
3/4"	0.213 SQ INCH*	1-1/2"	0.814 SQ INCH*
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FIRE ALARM DEVICE PLACEMENT PLAN

SCALE:1/8" = 1'-0"

SCALE:1/8" = 1'-0" IN FEET 0 4' 8' 16'

Revisions shown with symbol

ISSUE LOG:

MARK	DATE	CAD	CHK	DESCRIPTION

DRAWN BY:	R.A. HASTINGS
CHECKED BY:	M. FLORES
ISSUE DATE:	4/22/20
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PROJECT #:	480:618497401

SYSTEM:
FIRE ALARM SYSTEM

SHEET:
FIRE ALARM DEVICE PLACEMENT PLAN

FA-101

30" x 42" - Arch E1 Size
LAST PRINTED: 1/25/2021 8:59:43 AM
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4009 TAC							
Module	Qty	Description	Setting	Standby Current	Total Standby	Alarm Current	Total Alarm
Panel Equipment							
4009-9401	1	TRUEALERT ADDRESSABLE CONTROLLER		0.0880	0.0880	0.1950	0.1950
		Panel Totals			0.0880		0.1950
Notification Appliances			Setting				
4905-9816	2	TRUEALERT ADAPTER, ADDRESSABLE		0.0004	0.0009	0.1500	0.3000
49AV-WRF	9	A/V WALL MT, RED, FIRE LABEL	75	0.0008	0.0072	0.1400	1.2600
HRK	2	HORN, RED, OUTDOOR, HIGH SETTING	HIGH	0.0000	0.0000	0.0750	0.1500
		Peripheral Totals			0.0081		1.7100
		RUI Totals	0		0.0000		0.0000
		Address Totals	0 Addresses		0.0000		0.0000
		System Totals*:		Standby	0.0961	Alarm	1.9050

Battery Set #1 (Cabinet/Charger #1)			Standby Current	Standby Total	Alarm Current	Alarm Total
Select ALL Power Supplies on this battery set:						
TAC-1				0.0961		1.9050
			Sub Total	0.0961		1.9050
Additional Current Draws:						
RUI Connected Peripheral Devices		0	x 0.0035	= 0.0000	x 0.0035	= 0.0000
MAPNET/IDNet Device Address Communication Current		0	x 0.000000	= 0.0000	x 0.000000	= 0.0000
			Sub Total	0.0961		1.9050
Spare addressable point capacity	0%	0	x 0	= 0.0000	x 0	= 0.0000
			Total	0.0961		1.9050
Standby Time =	24	Hrs	x 0.0961	= 2.3052	Standby Ah	
Alarm Time =	5	Min	0.08333 x 1.905	= 0.1588	Alarm Ah	
				2.4640		
Additional Spare Battery Capacity =	0%		+	0.0000		
				2.4640		
Battery Discharge Factor =	20%		+	0.4928		
Minimum Battery Required	2081-9272 6.2AH (2x)			2.9567		
Battery Supplied	2081-9272 6.2AH (2x)					

* System Totals represent total system current requirements. Those currents may be distributed between multiple battery sets or power supplies as shown above.

	Standby	Standby	Alarm	Alarm

TAC: TRUEALERT POWER SUPPLY - CHANNEL 1						SWITCH SETTINGS								
IDNac Address	Device Type	PID	Setting	Custom Label (Max 40 Characters)		1	2	3	4	5	6	7	8	
TAC:1-1	A/V	49AV-WRF	75cd	CLASSROOM T1500	AC-1-1	X								ON
TAC:1-2	A/V	49AV-WRF	75cd	CLASSROOM T1600	AC-1-2		X							ON
TAC:1-3	ADAPTER	4905-9816		CLASSROOM T1600	AC-1-3	X	X							ON
TAC:1-4	A/V	49AV-WRF	75cd	CLASSROOM T1700	AC-1-4			X						ON
ADAPT-1V														
ADAPT-1A		HRK	HIGH											
ADAPT-2V														
ADAPT-2A														

TAC: TRUEALERT POWER SUPPLY - CHANNEL 2						SWITCH SETTINGS								
IDNac Address	Device Type	PID	Setting	Custom Label (Max 40 Characters)		1	2	3	4	5	6	7	8	
TAC:2-1	A/V	49AV-WRF	75cd	CLASSROOM T900	AC-2-1	X								ON
TAC:2-2	A/V	49AV-WRF	75cd	CLASSROOM T1000	AC-2-2		X							ON
TAC:2-3	A/V	49AV-WRF	75cd	CLASSROOM T1100	AC-2-3	X	X							ON
ADAPT-1V														
ADAPT-1A														
ADAPT-2V														
ADAPT-2A														

TAC: TRUEALERT POWER SUPPLY - CHANNEL 3						SWITCH SETTINGS								
IDNac Address	Device Type	PID	Setting	Custom Label (Max 40 Characters)		1	2	3	4	5	6	7	8	
TAC:3-1	A/V	49AV-WRF	75cd	CLASSROOM T1200	AC-3-1	X								ON
TAC:3-2	A/V	49AV-WRF	75cd	CLASSROOM T1300	AC-3-2		X							ON
TAC:3-3	A/V	49AV-WRF	75cd	CLASSROOM T1400	AC-3-3	X	X							ON
TAC:3-4	ADAPTER	4905-9816		CLASSROOM T1400	AC-3-4			X						ON
TAC:3-5						X		X						ON
ADAPT-1V														
ADAPT-1A		HRK	HIGH											
ADAPT-2V														
ADAPT-2A														

TAC:1 — Notification SLC Distributed Load Voltage Drop

Starting Voltage: 20vdc — Min. Device Voltage: 17.vdc — Allowable % Drop: 12.8%
Primary Wire Gauge: 14ga — Home Run Wire Gauge: 14ga
Wire Res. Per Ft. 0.003070 @ 75° Celsius — Wire Res. Per Ft. 0.003070 @ 75° Celsius

Branch	Device #	From	Distance (Feet)	PID	Setting	Device Draw	Class B Calculations: Current at Device	Voltage Drop	Voltage at Device	% Vdrop Wire Length
1	TAC:1-1	PANEL	60	49AV-WRF	75cd	0.1400	0.645	0.238	19.262	Branch 1: 4.78%
1	TAC:1-2	TAC:1-1	186	49AV-WRF	75cd	0.1400	0.505	0.577	18.686	Length: 426
1	TAC:1-3	TAC:1-2	20	4905-9816		0.1500	0.365	0.045	18.641	
1	ADAPT-1A	TAC:1-3	160	HRK	HIGH	0.0750	0.075	0.074	18.567	
	TAC:1-4	TAC:1-3	150	49AV-WRF	75cd	0.1400	0.140	0.129	18.512	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	

TAC:2 — Distributed Load Voltage Drop

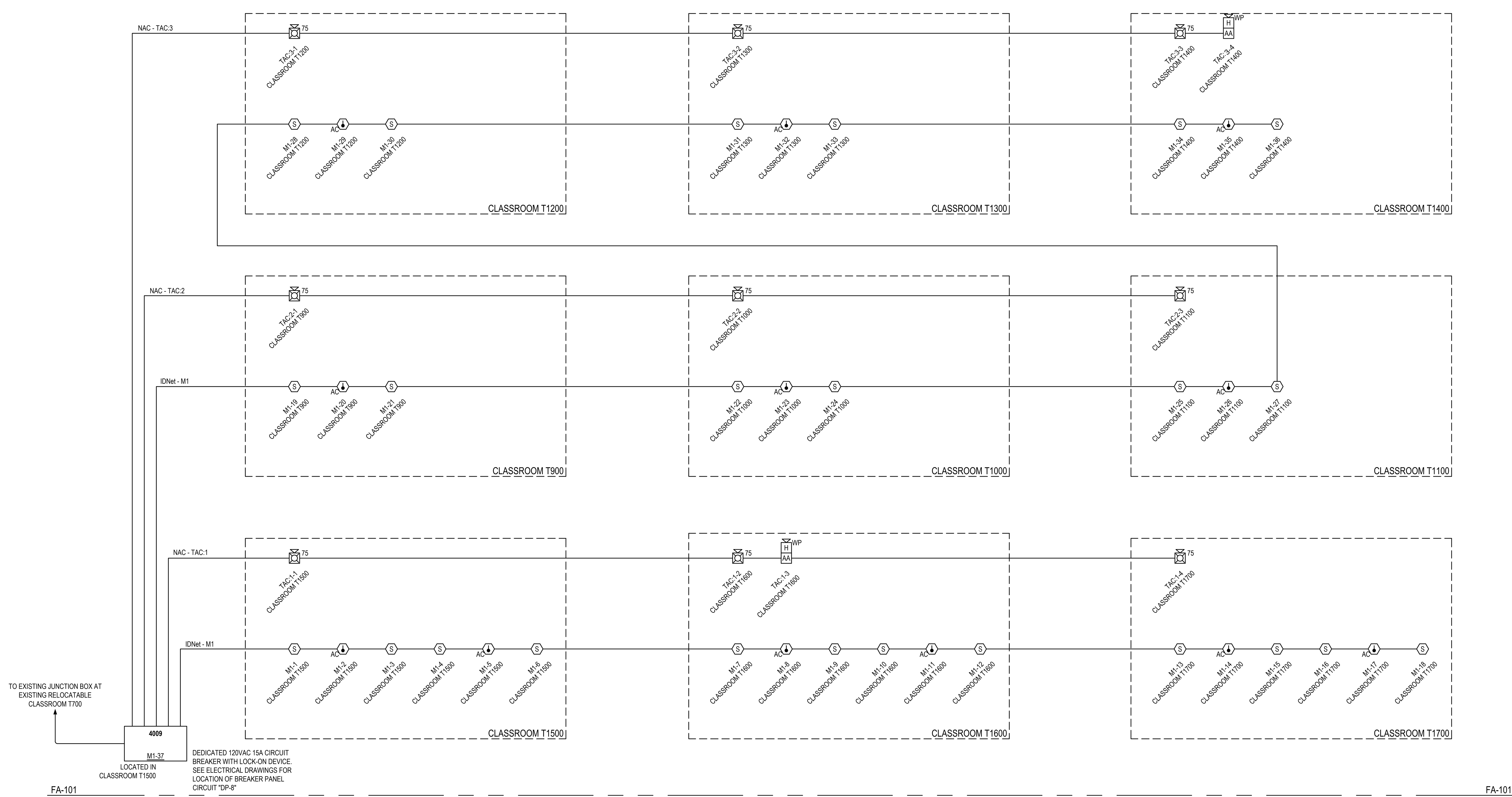
Starting Voltage: 20vdc — Min. Device Voltage: 17.vdc — Allowable % Drop: 12.8%
Primary Wire Gauge: 14ga — Home Run Wire Gauge: 14ga
Wire Res. Per Ft. 0.003070 @ 75° Celsius — Wire Res. Per Ft. 0.003070 @ 75° Celsius

Branch	Device #	From	Distance (Feet)	PID	Setting	Device Draw	Class B Calculations: Current at Device	Voltage Drop	Voltage at Device	% Vdrop Wire Length
1	TAC:2-1	PANEL	180	49AV-WRF	75cd	0.1400	0.420	0.464	19.036	Branch 1: 3.9%
1	TAC:2-2	TAC:2-1	115	49AV-WRF	75cd	0.1400	0.280	0.198	18.838	Length: 410
1	TAC:2-3	TAC:2-2	115	49AV-WRF	75cd	0.1400	0.140	0.099	18.739	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	

TAC:3 — Distributed Load Voltage Drop

Starting Voltage: 20vdc — Min. Device Voltage: 17.vdc — Allowable % Drop: 12.8%
Primary Wire Gauge: 14ga — Home Run Wire Gauge: 14ga
Wire Res. Per Ft. 0.003070 @ 75° Celsius — Wire Res. Per Ft. 0.003070 @ 75° Celsius

Branch	Device #	From	Distance (Feet)	PID	Setting	Device Draw	Class B Calculations: Current at Device	Voltage Drop	Voltage at Device	% Vdrop Wire Length
1	TAC:3-1	PANEL	260	49AV-WRF	75cd	0.1400	0.645	1.030	18.470	Branch 1: 9.29%
1	TAC:3-2	TAC:3-1	115	49AV-WRF	75cd	0.1400	0.505	0.357	18.114	Length: 625
1	TAC:3-3	TAC:3-2	115	49AV-WRF	75cd	0.1400	0.365	0.258	17.856	
1	TAC:3-4	TAC:3-3	115	4905-9816		0.1500	0.225	0.159	17.697	
1	ADAPT-1A	TAC:3-4	20	HRK	HIGH	0.0750	0.075	0.009	17.688	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	
						0.0000	0.000	0.000	0.000	



FIRE ALARM RISER DIAGRAM, CALCULATIONS & SCHEDULES

SCALE:N.T.S.

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION	BRAND	MODEL	BACKBOX	WIRE TYPE
PANELS					
NAC#	4009 TRUEALERT ADDRESSABLE CONTROLLER, 120 VAC, BEIGE	SIMPLEX	4009-9401	SIMPLEX CABINET	N/A
INITIATING DEVICES					
S	ADDRESSABLE PHOTOELECTRIC SMOKE SENSOR W/ STANDARD BASE	SIMPLEX	4098-9714 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M
AC	ADDRESSABLE HIGH TEMP HEAT SENSOR W/ STANDARD BASE	SIMPLEX	4098-9734 HEAD 4098-9792 BASE	4" OCT, 1-1/2" D	M
MODULES AND RELAYS					
AA	TRUEALERT ADDRESSABLE ADAPTER	SIMPLEX	4905-9816	4-11/16" SQ. 2-1/8" D	A V
NOTIFICATION APPLIANCES					
#	ADDRESSABLE MULTI-CANDELA HORN/STROBE ,WALL MOUNT, RED, CLEAR LENS, FIRE	SIMPLEX	49AV-WRF	4" SQ. 1-1/2" D	A
H WP	CONVENTIONAL MULTI-TONE HORN, OUTDOOR ,WALL MOUNT, RED, FIRE	SYSTEM SENSOR	HRK	SINGLE GANG 2" D	V
MISCELLANEOUS DEVICES					
JB	JUNCTION BOX	BY OTHERS	BY OTHERS		

FIRE ALARM WIRE LEGEND

	CIRCUIT DESCRIPTION	CONSTRUCTION	GAUGE	CIRCUIT PROPERTIES	FPLR	FPLP	THHN	TFFN	OUTDOOR **	C.I.
A	ADDRESSABLE NOTIFICATION	UTP SOLID	14 AWG	60pf/ft. MAX CAPACITANCE; 3 twists/ft. MINIMUM	X	X				
Ab	ADDRESSABLE NOTIFICATION - OUTDOOR	STP SOLID	14 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**					X	
M	IDNET	UTP SOLID	18 AWG	60µF MAX TOTAL LINE CAPACITANCE	X	X				
Mb	IDNET - OUTDOOR	STP SOLID	18 AWG	DIRECT BURIAL/UNDERGROUND IN CONDUIT/AERIAL**	X	X			X	
V	VISUAL	2 COND. SOLID	14 AWG		X	X				

(ACCEPTABLE CABLE TYPES: FPLR, FPLP, THHN, TFFN, OUTDOOR **, C.I.)

CONDUIT SIZE	MAX CONDUCTOR AREA	CONDUIT SIZE	MAX CONDUCTOR AREA
1/2"	0.122 SQ. INCH*	1-1/4"	0.598 SQ INCH*
3/4"	0.213 SQ INCH*	1-1/2"	0.814 SQ INCH*
1"	0.346 SQ INCH*	2"	1.342 SQ INCH*

* 40% CONDUIT FILL PER N.E.C. — STP = SHIELDED TWISTED PAIR

ITEMS SUCH AS CAPACITANCE BETWEEN CONDUCTORS AND WIRE GAUGE CAN BE CRUCIAL TO THE CIRCUIT DESIGN OF THIS SYSTEM INSTALLATION. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR SELECTING AND INSTALLING CABLE MANUFACTURER AND MODEL THAT MEETS OR EXCEEDS THE ABOVE REQUIREMENTS. RECOMMENDED CABLE MANUFACTURERS AND MODEL NUMBERS ARE AVAILABLE UPON REQUEST.

Johnson Controls
DISTRICT 480
3568 RUFFIN ROAD SOUTH
SAN DIEGO, CA 92123

IVC 9 INTERIM HOUSING RELOCATABLES

IMPERIAL VALLEY COLLEGE
380 EAST ATEN ROAD
IMPERIAL, CA 92251

Revisions shown with symbol

ISSUE LOG: MARK | DATE | CAD | CHK | DESCRIPTION

DRAWN BY:	R.A. HASTINGS
CHECKED BY:	M. FLORES
ISSUE DATE:	4/22/20
JOB #:	
PROJECT #:	480.618497401

SYSTEM: FIRE ALARM SYSTEM

SHEET: FIRE ALARM RISER DIAGRAM, CALCULATIONS & SCHEDULES

FA-201

LAST SAVED BY: JHOOKW
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30" x 42" - Arch E1 Size

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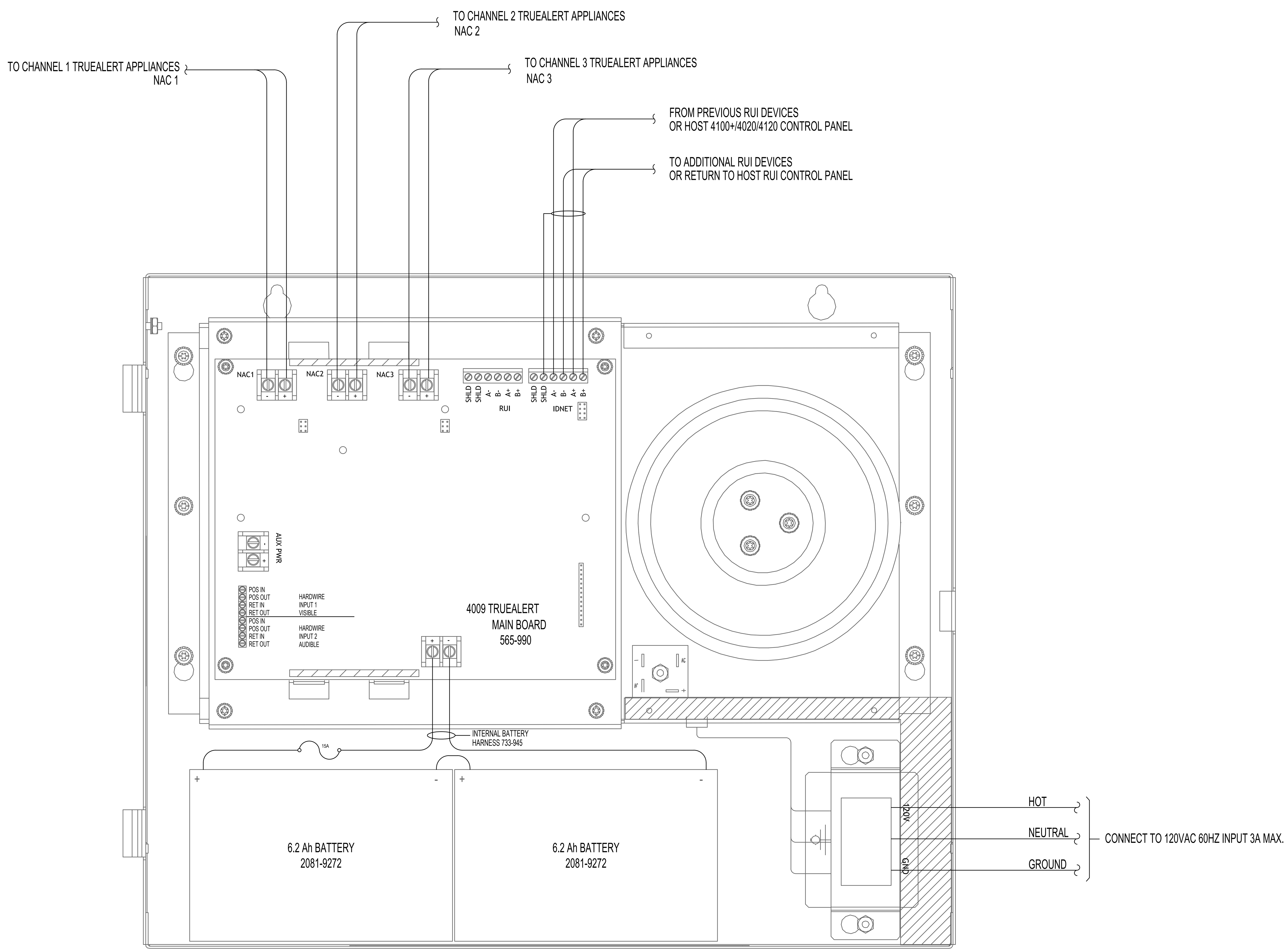

PANEL DETAIL

SCALE:N.T.S.

Johnson Controls
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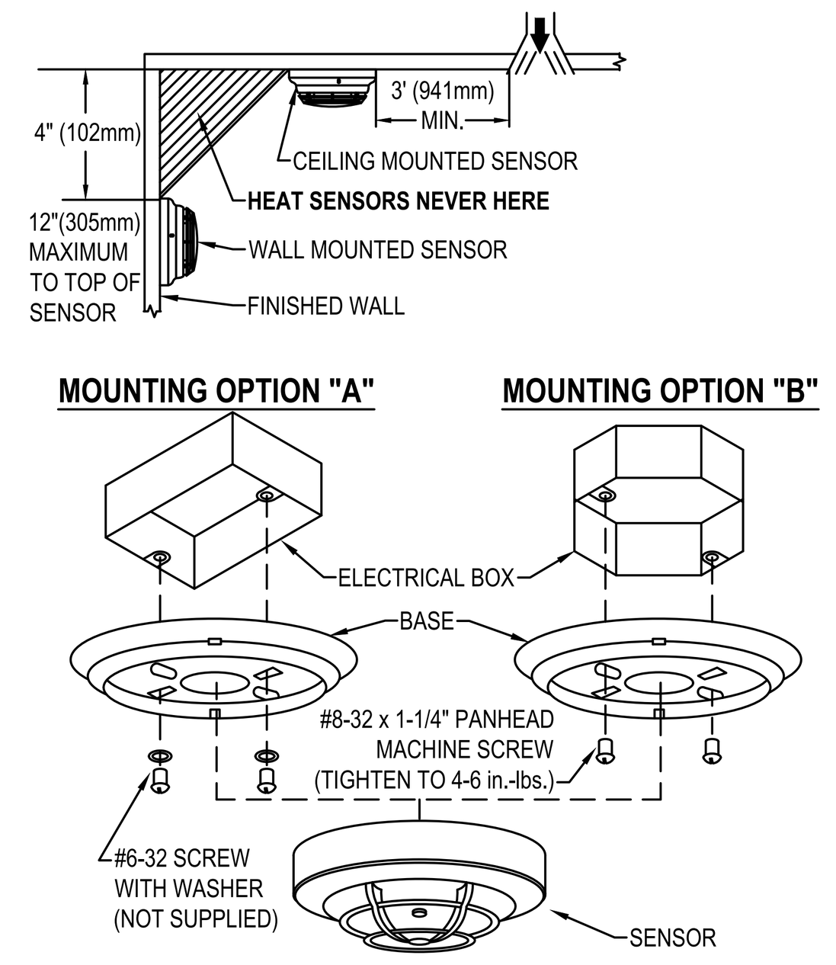
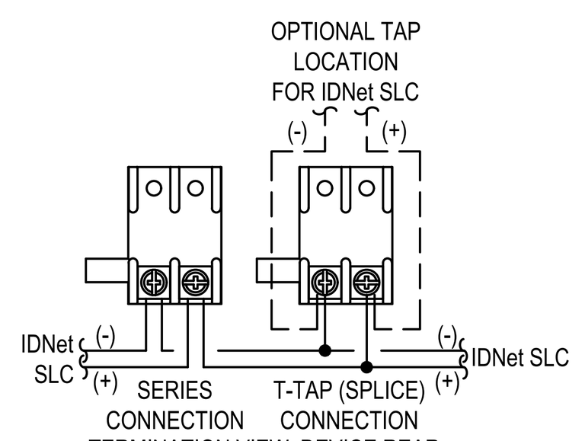
SYSTEM:
FIRE ALARM SYSTEM

SHEET:
PANEL DETAIL

FA-501

STANDARD SENSOR BASE
SIMPLEX 4098-9792





TERMINATION VIEW: DEVICE REAR

CLASS B WIRING

WIRING NOTES

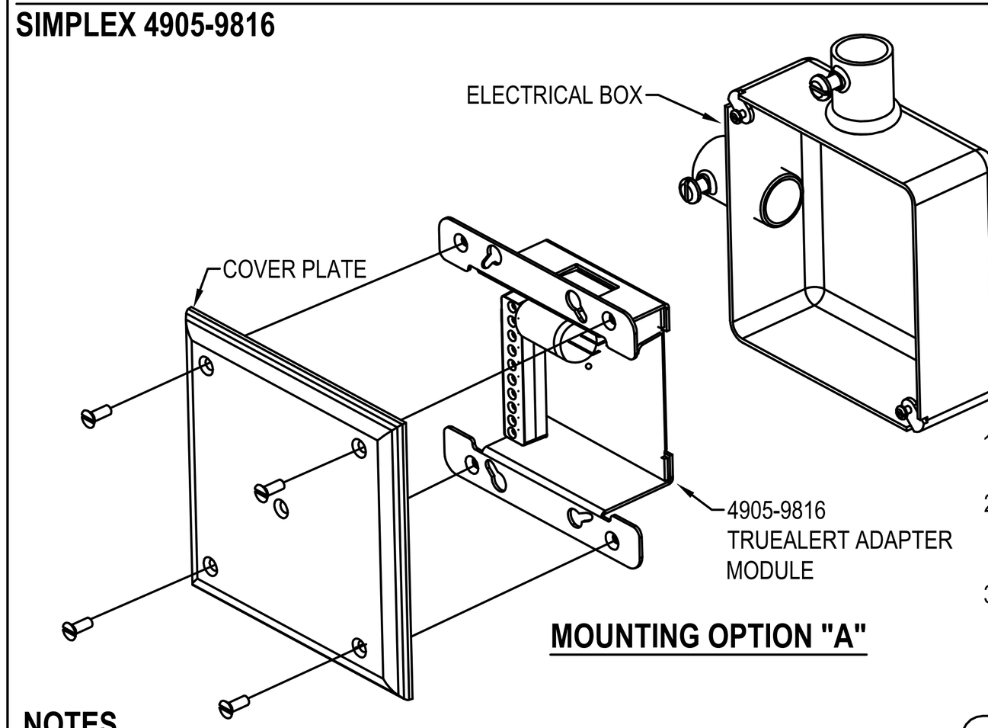
1. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS.
2. ALWAYS CUT CONDUCTORS AND SECURE UNDER TERMINALS. NEVER LOOP WIRES UNDER TERMINALS.
3. ANY WIRE SPLICES TO BE MADE BY LISTED AND AHJ APPROVED METHODS.

MOUNTING OPTIONS

OPTION [1]	DESCRIPTION	NOTE
A	SINGLE GANG BOX, 2-1/8" (54mm) DEEP - FLUSH MOUNT	BY OTHERS
B	4" (102mm) OCTAGONAL BOX, 1-1/2" (38mm) DEEP, MINIMUM - FLUSH MOUNT	BY OTHERS
C	4" (102mm) SQUARE BOX, 1-1/2" DEEP (MIN) W/ SIMPLEX 4098-9832 ADAPTER KIT	BOX BY OTHERS, 4098-9832 ORDERED SEPARATELY
D	4" (102mm) SQUARE BOX, 1-1/2" DEEP (MIN) W/ SINGLE GANG COVER PLATE 3/4" (19mm) EXTENSION	BY OTHERS

1. FOR ADDITIONAL MOUNTING OPTIONS, DOWNLOAD DATA SHEET 4098-0019 FROM HTTP://WWW.SIMPLEX-FIRE.COM

True*Alert* ADDRESSABLE ADAPTER MODULE
SIMPLEX 4905-9816



CAUTION: DO NOT BRING CONDUIT THROUGH THE REAR OF THE ELECTRICAL BOX

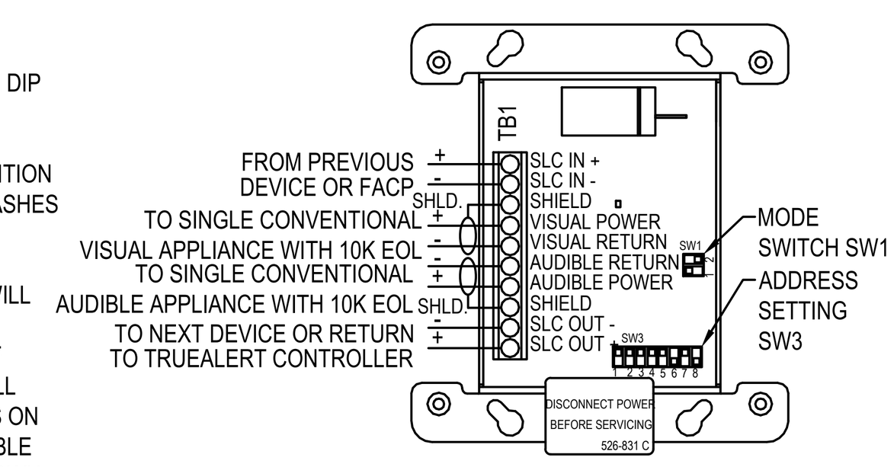
WIRING NOTES

1. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS.
2. ALWAYS CUT CONDUCTORS AND SECURE UNDER TERMINALS. NEVER LOOP WIRES UNDER TERMINALS.
3. ANY WIRE SPLICES TO BE MADE BY LISTED AND AHJ APPROVED METHODS.

MOUNTING OPTION "A"

NOTES

1. 2-POSITION DIP SWITCH (SW1): A TWO POSITION DIP SWITCH (SW1) IS PROVIDED TO ACCOMMODATE DIFFERENT TYPES OF EXTERNAL APPLIANCES.
2. SW1-1 STROBE MODE CONTROL: SW1-1 ON POSITION (SYNCHRONOUS MODE)-EXTERNAL STROBE FLASHES IN UNISON WITH OTHER STROBES ON THE NAC. SW1-1 OFF POSITION (FREE RUN MODE)-FREE RUNNING STROBE OR OTHER VISUAL DEVICE, WILL NOT RECEIVE SYNC PULSES.
3. SW1-2 AUDIBLE OR AUDIBLE/VISIBLE: SW1-2 OFF POSITION(PATTERN MODE)-AUDIBLE DEVICE WILL FOLLOW THE SAME PATTERN A OTHER DEVICES ON THE NAC. SW1-2 ON(CONTINUOUS MODE)-AUDIBLE DEVICE WILL STAY ON, OR MAY GENERATE ITS OWN PATTERN, IF CAPABLE.



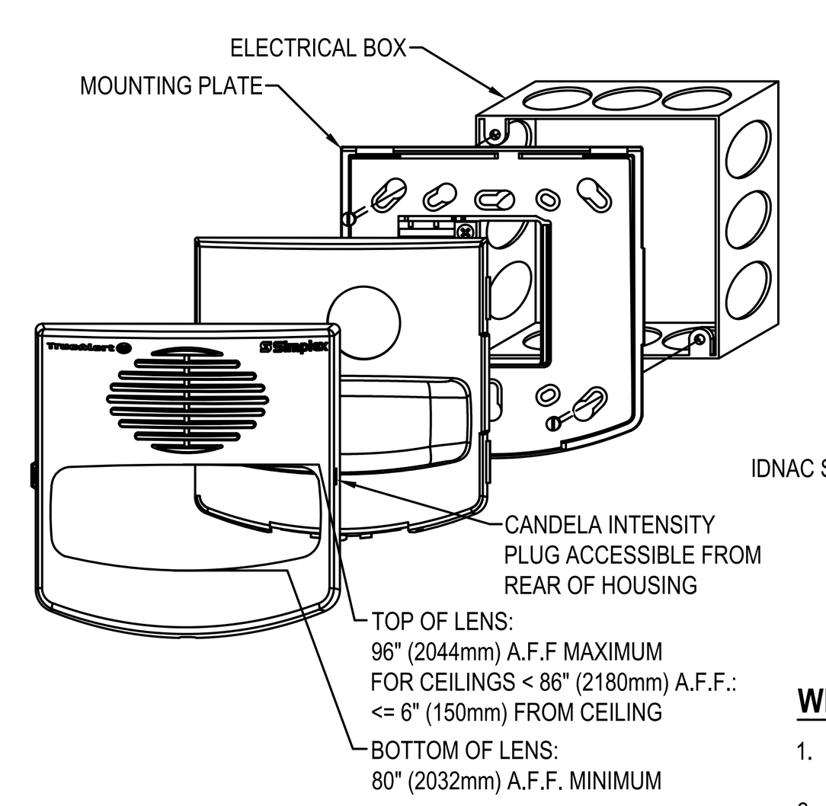
TERMINATION VIEW

MOUNTING OPTIONS

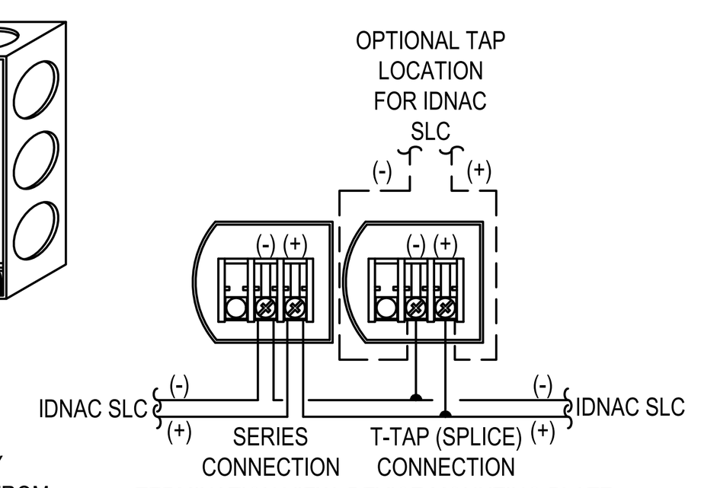
OPTION [1]	DESCRIPTION	NOTE
A	4-11/16" (119mm) SQUARE BOX, 2" (51mm) DEEP (MIN) WITH 2 GANG COVER PLATE	SUPPLIED BY OTHERS

1. FOR ADDITIONAL MOUNTING OPTIONS, DOWNLOAD DATA SHEET S4905-0004 FROM HTTP://WWW.SIMPLEX-FIRE.COM

True*Alert* ES ADDRESSABLE APPLIANCES
SIMPLEX 49AV SERIES WALL MOUNTED AUDIBLE / VISUAL



MOUNTING OPTION "B"



TERMINATION VIEW: DEVICE MOUNTING PLATE

CLASS B WIRING

WIRING NOTES

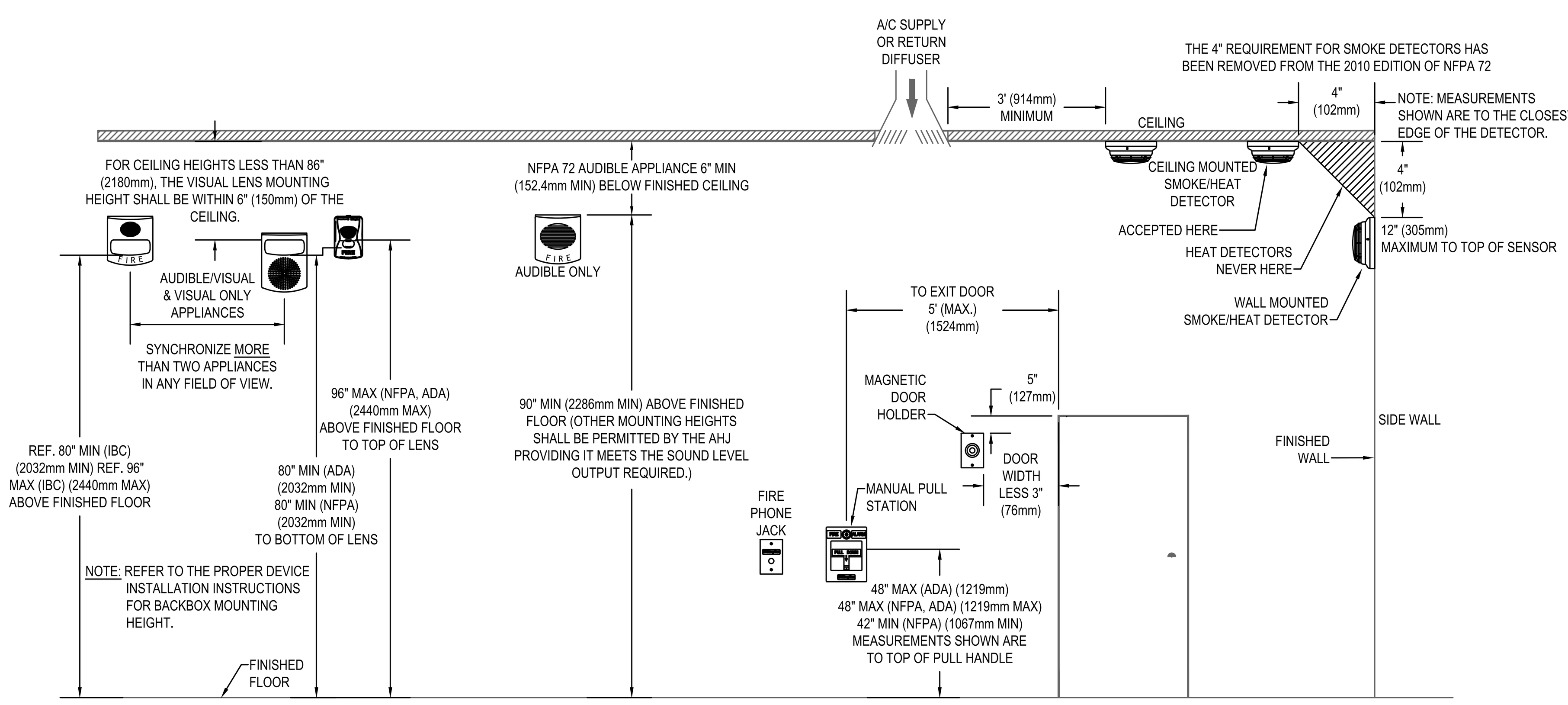
1. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS.
2. ALWAYS CUT CONDUCTORS AND SECURE UNDER TERMINALS. NEVER LOOP WIRES UNDER TERMINALS.
3. ANY WIRE SPLICES TO BE MADE BY LISTED AND AHJ APPROVED METHODS.

MOUNTING OPTIONS

OPTION[1]	DESCRIPTION	NOTE
A	SINGLE GANG OR DOUBLE GANG BOX, 1-1/2" (38mm) DEEP (MIN)	BY OTHERS
B	4" (102mm) SQUARE BOX, 1-1/2" DEEP (MIN)	BY OTHERS
C	SIMPLEX 2975-9145, 7-7/8"H x 5-1/8"W x 2-3/4"D (127mm x 98mm x 56mm) REQUIRES 4905-9931 PLATE	ORDERED SEPARATELY

1. FOR ADDITIONAL MOUNTING OPTIONS, DOWNLOAD DATA SHEET S49AV-0001 FROM HTTP://WWW.SIMPLEX-FIRE.COM

DEVICE MOUNTING HEIGHT REFERENCE
PER NFPA 72



IDENTIFICATION STAMP
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Johnson Controls
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3568 RUFFIN ROAD SOUTH
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IVC 9 INTERIM HOUSING RELOCATABLES

IMPERIAL VALLEY COLLEGE
380 EAST ATEN ROAD
IMPERIAL, CA 92251

Revisions shown with △ symbol

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DRAWN BY:	R.A. HASTINGS
CHECKED BY:	M. FLORES
ISSUE DATE:	4/22/20
JOB #:	
PROJECT #:	480:618497401

SYSTEM:
FIRE ALARM SYSTEM

SHEET:
WIRING TYPICALS

FA-701

FILE PATH: c:\Users\jhookw\johnson controls\project electronics - ivc 9 interim housing relocatables\618497401_fa_v5-1FA-701.dwg
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STATE OF CALIFORNIA
DEPARTMENT
OF GENERAL SERVICES
JAN 9 1997
DIVISION OF THE
STATE ARCHITECT

PC 275

RELOCATABLE BUILDING (S)

FOR

G E CAPITAL

STOCKPILE

(465) 24' X 40' BUILDINGS

IMPERIAL COLLEGE

(1) 24X40 CLASSROOM

SERIAL NUMBERS
~~23239-40 RH~~
23311-12 RH

SYMBOLS

TYPE	SYMBOL	DESCRIPTION
REFERENCE	1	DOOR REFERENCE
REFERENCE	A	WINDOW REFERENCE

SHEET INDEX

ARCHITECTURAL

- A.0 - COVER SHEET
- A1.0 - FLOOR PLAN (24X40)
- ~~A1.1 - FLOOR PLAN (36X40)(48X40)~~
- ~~A2.0 - ROOF PLAN (24X40) MONO PITCH~~
- ~~A2.1 - ROOF PLAN (36X40)(48X40) MONO PITCH~~
- A2.0A - ROOF PLAN (24X40) DUAL PITCH
- ~~A2.1A - ROOF PLAN (36X40)(48X40) DUAL PITCH~~
- ~~A3.0 - EXTERIOR ELEVATION (24X40) MONO PITCH~~
- ~~A3.1 - EXTERIOR ELEVATION (36X40) MONO PITCH~~
- ~~A3.2 - EXTERIOR ELEVATION (48X40) MONO PITCH~~
- A3.0A- EXTERIOR ELEVATION (24X40) DUAL PITCH
- ~~A3.1A- EXTERIOR ELEVATION (36X40) DUAL PITCH~~
- ~~A3.2A- EXTERIOR ELEVATION (48X40) DUAL PITCH~~
- A4.0- INTERIOR ELEVATIONS (24X40)
- ~~A4.1- INTERIOR ELEVATIONS (36X40)~~
- ~~A4.2- INTERIOR ELEVATIONS (48X40)~~
- A5.0- FINISH SCHEDULE
- ~~A6.0M- ARCHITECTURAL DETAILS METAL STUDS~~
- ~~A6.1M- ARCHITECTURAL DETAILS METAL STUDS~~
- A6.0- ARCHITECTURAL DETAILS WOOD STUDS
- A6.1 - ARCHITECTURAL DETAILS WOOD STUDS
- A7.0- REFLECTED CEILING PLAN (24X40)
- ~~A7.1- REFLECTED CEILING PLAN (36X40)(48X40)~~
- A7.2- REFLECTED CEILING DETAILS

STRUCTURAL

- ~~F0.1 FOUNDATION PLAN~~
- ~~F3.0 DETAILS~~
- ~~[illegible]~~
- F3.0- FOUNDATION DETAILS WOOD
- ~~[illegible]~~
- ~~F2.1 C.L. STOCKPILE CLASSROOM FOUNDATION (PC 04-113776)~~
- S1.0 - FLOOR FRAMING PLAN (TYP 50 PSF)
- ~~[illegible]~~
- S1.2 - FLOOR FRAMING DETAILS (TYPICAL)
- ~~S2.0 - ROOF FRAMING PLAN (TYP. MONO PITCH)~~
- S2.0A- ROOF FRAMING PLAN (TYP. DUAL PITCH)
- S2.1- ROOF FRAMING DEATILS (TYPICAL)
- ~~S3.0 - STRUCTURAL ELEVATIONS AND DETAILS (MONO PITCH)~~
- S3.0A- STRUCTURAL ELEVATIONS AND DETAILS (DUAL PITCH)
- ~~S4.0M - WALL FRAMING (METAL)~~
- S4.0- WALL FRAMING (WOOD)
- ~~S5.0M- FRAMING DETAILS (METAL)~~
- ~~S5.1M- FRAMING DETAILS (METAL)~~
- S5.0- FRAMING DETAILS (WOOD)
- S5.1- FRAMING DETAILS (WOOD)

MECHANICAL

- M1.0 - HVAC (HVAC) PLAN (24X40)
- ~~M2.0 - HVAC (HVAC) PLAN (36X40)~~
- ~~M3.0 - HVAC (HVAC) PLAN (48X40)~~

ELECTRICAL

- E1.0 - ELECTRICAL PLAN (24X40)
- ~~E2.0 - ELECTRICAL PLAN (36X40)~~
- ~~E3.0 - ELECTRICAL PLAN (48X40)~~

RAMP

- ~~R1.0 - RAMP PLAN~~
- ~~R2.0 - RAMP DETAILS~~

C-1.0 COVER SHEET
C-1.1 NOTES
F-1.0 24X40 - 50 PSF AND/OR 50 +20 RELOCATION FOUNDATION PLAN
F-7.0 DETAILS & NOTES
SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING / STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

BUILDING DATA

24'X40' BUILDING	
OCCUPANCY	E-2
TYPE OF CONSTRUCTION	V-N
WIND LOAD	70 MPH. EXP. C
FLOOR LIVE LOAD	50 PSF.
ROOF LIVE LOAD	20 PSF. REDUCIBLE FOR AREA
BUILDING AREA	960 PSF
STRUCTURAL DESIGN	RIGID FRAME

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

SPECIFICATIONS SUBJECT TO CHANGE DUE TO PRODUCT IMPROVEMENT

APPLICABLE CODES - NEW CONSTRUCTION

1994 UBC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
1993 NEC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
1994 UMC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
1994 UPC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)
1994 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

ACS: D. FERGUSON
FLS: [illegible]
SS: G. [illegible]

APPL 66341

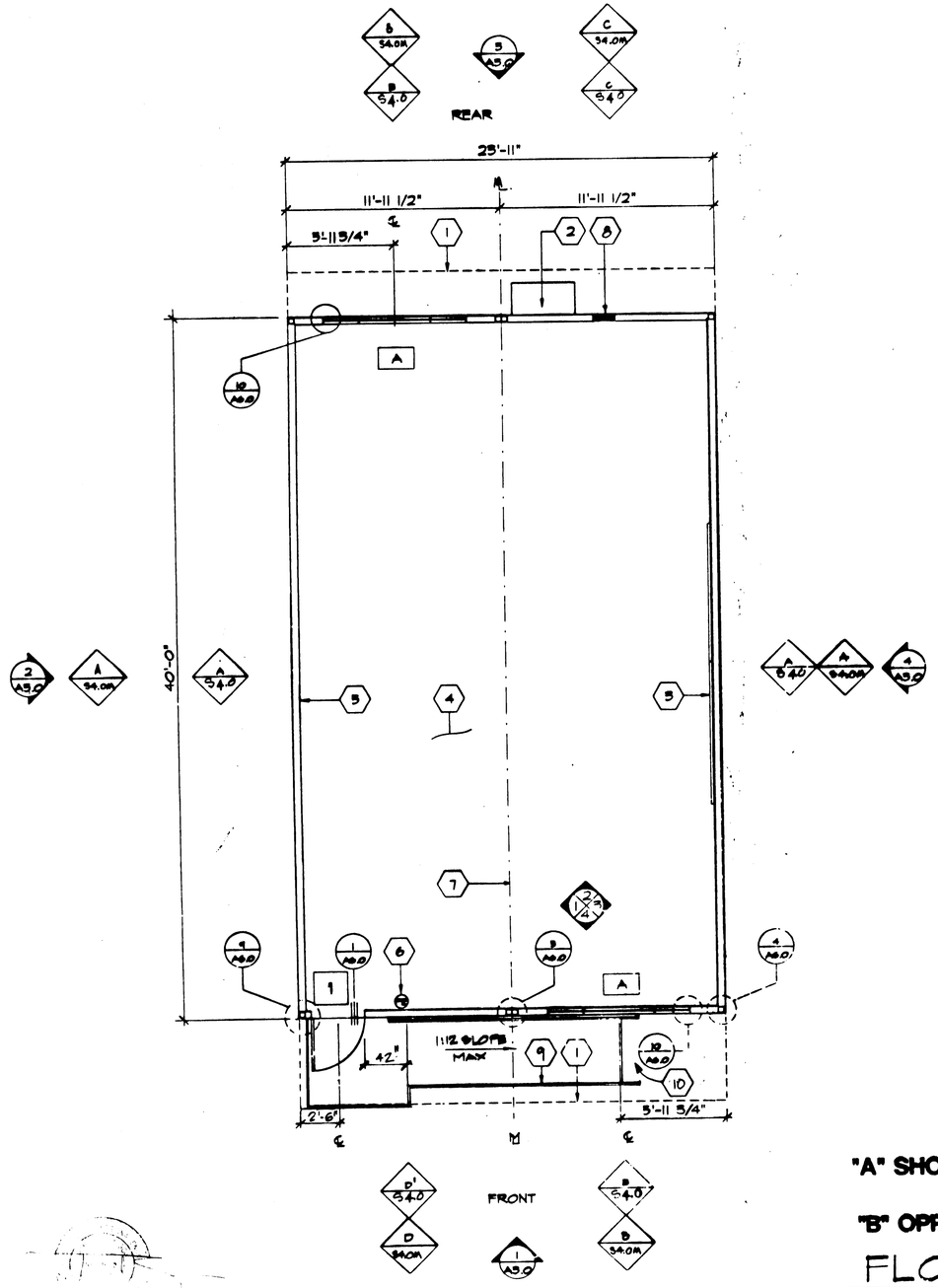
ARCHITECT

STRUCTURAL

FOR PC PLAN ONLY - A/E OF RECORD:
JAMES T. SIMPSON
[illegible] STRUCTURAL ENG., INC.
[illegible] S. WHITTIER BLVD.
LA HABRA, CA [illegible]
[illegible]

PC 275

TITLE SHEET A0-1



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LEGEND

1 EXTERIOR DOOR SEE DOOR SCHEDULE

A WINDOW (SEE SCHED. A5.0)

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT - SEE M-1.0
3. 2- 8'X4' MARKER BOARDS (SEE SPEC'S FOR TYPE)
4. FINISH FLOORING. (SEE FINISH SCHED.)
5. TYPICAL INTERIOR FINISH (SEE FINISH SCHED.)
6. FIRE EXTINGUISHER - 3 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. F.E. HANDLE AT 48".
7. MODLINE (N.I.C. TYPICAL)
8. ELECTRICAL PANEL (SEE E1.0)
9. RAMP (SEE R1.0 & R2.0)
10. RAMP LANDINGS SEE DET. 11 ON SHT. R2.0

A. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOWING DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER AND ROOF & FLOOR DESIGN LIVE LOAD.

"A" SHOWN

"B" OPPOSITE

INTERIOR REFERENCE
SHEET A4.0

FLOOR PLAN

SCALE 1/4"=1'-0"

1 1/30/95 DSA HANDICAP REVISIONS

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY
LICENSED ARCHITECT ... CALIFORNIA						IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF PEER REVIEW AC RLB DB DATE JUL 19 1996

INC,

AC DATE DEC 11 1996

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DATE
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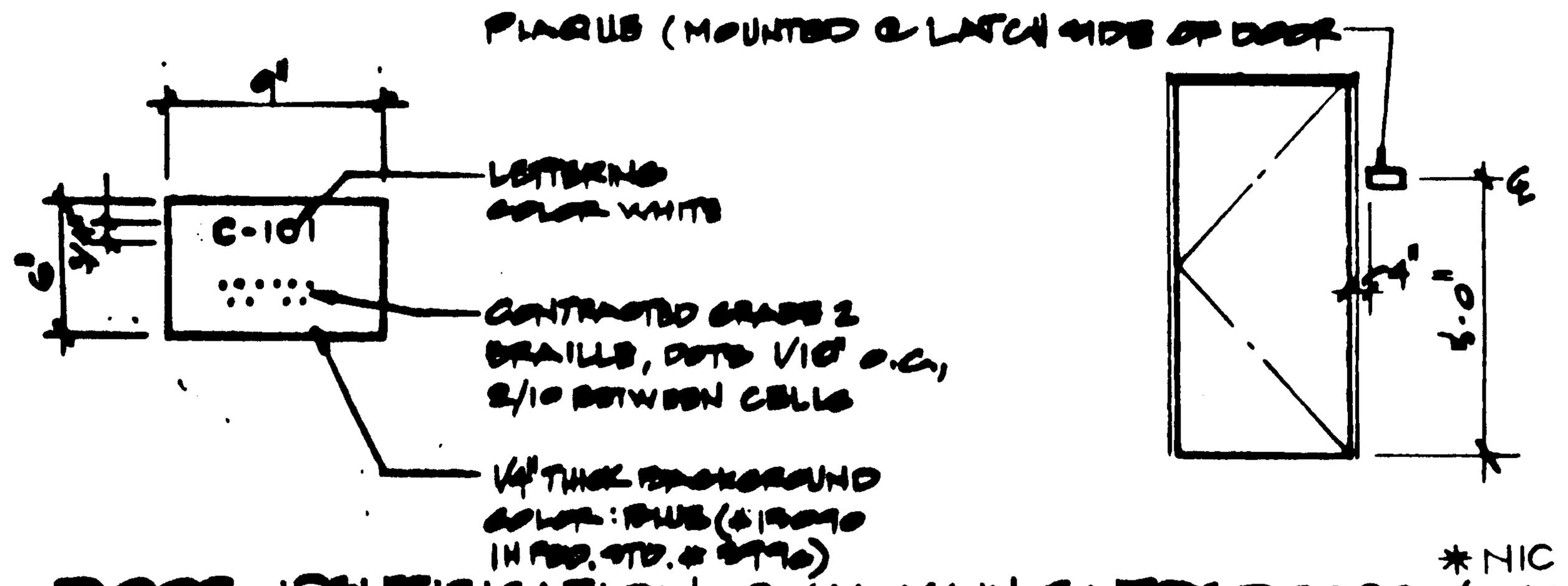
DATE

FLOOR PLAN

A1.0-1

DOOR SCHEDULE

DOORS: DOOR NO.	FRAME OPENING SIZE	MATERIAL	TYPE	FIRE PROTECTION RATING	HARDWARE SET NO.	FRAMES: MATERIAL	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	JAMB THROAT		NOTE NO.
1	3'-0" X 6'-8"	HM	1		1	HM	10/A6.0	11/A6.0	1/A6.0	3-1/8"		



DOOR IDENTIFICATION @ ALL MAIN ENTRY DOORS (CLASSRMS INCLUDED)

* NIC

DOOR NOTES

NOTES:

1. DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 38" A.F.F. & DEADBOLTS @ 44" A.F.F.
2. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
3. ALL DOORS SHALL BE 1-3/4" THICK, U.N.O.
4. DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
5. SAFETY GLASS, CLEAR.
6. WIRE GLASS
7. UNDERCUT DOOR
8. FIXED LOUVER
9. FUSIBLE LINK LOUVER
10. VISION PANEL
11. CLOSURE SHALL BE SET FOR MAX. OPENING PRESSURE OF 8.5 LBS. @ EXTR. DR. & 5.0 LBS @ INTR. DRS.

ABBREVIATIONS

HM - HOLLOW METAL
AL - ALUMINUM
SST - STAINLESS STEEL
STL - STEEL
WWF - WINDOW WALL FRAME
SC - SOLID CORE WOOD
HC - HOLLOW CORE WOOD
SCL - SOLID CORE WOOD W/ LAMINATED PLASTIC FACES.

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME OF AREA	FINISHES: FLOOR	BASE	WALLS: NORTH	EAST	SOUTH	WEST	CEILING	CEILING HEIGHT	REMARKS
1	CLASSROOM	A	D	F	F	F	F	L	8'-8"	

MATERIAL & FINISH KEY

(A) - CARPET PER STATE OF CALIFORNIA SPEC. COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN WITH 4" TOPSET BASE.

(B) - RESILLENT - SPECIFY OR EQUAL

(C) - VCT - ARMSTRONG STANDARD OR EXCELON

(D) - 4" BURKE

(E) - 6" BRIGANTINE OR SANDOVAL

(F) - 1/2" VINYL TACKBOARD CLASS I OVER 1/2" GYP. BOARD BACKING

(G) - 1/2" W.R. GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH

(H) - 5/8" W.R. GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH

(I) - 1/2" GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH

(J) - 5/8" GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH

(K) - 1/8" MARLITE OVER 1/2" W.R. GYP BOARD

(L) - ACCOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

NOTE.
SIGNAGE IS N.I.C.

NOTES

DOOR SPECS. EXTERIOR.
FRAME SPECS. SEE SPECS

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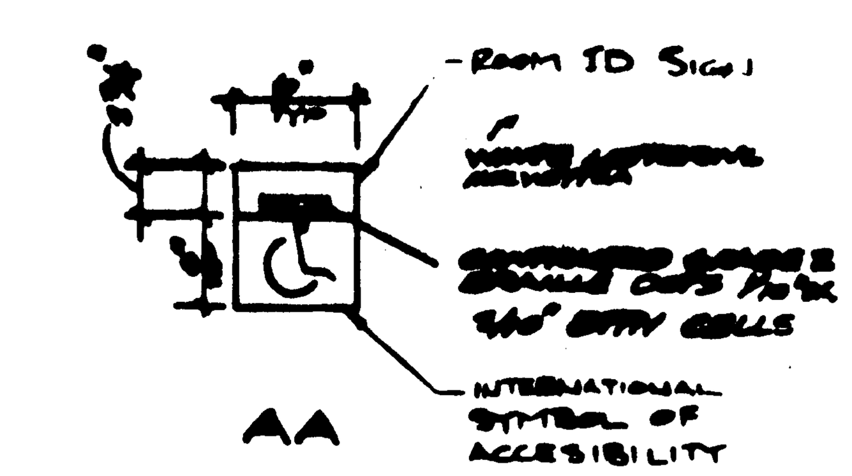
WINDOWS SPECS. 8040 XOX ANODIZED ALUM. OR [illegible] BRONZE. GLAZING: 7/32" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 46%. . ALL OPERABLE SASH SHALL HAVE ALUMINIUM SCREENS.

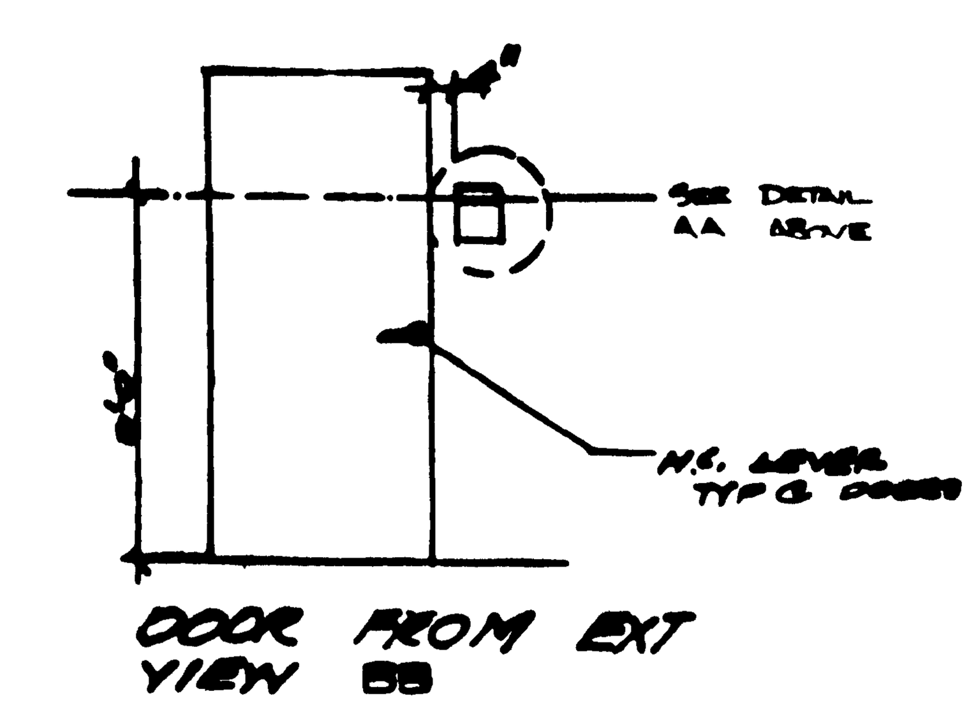
WINDOW SCHEDULE

QTY.	WIDTH	HEIGHT	TYPE	FINISH	GLASS TYPE	WINDOW TYPES
2	8'-0"	4'-0"	XOX	ANODIZED	7/32" MIN SOLAR GRAY 46%	SLIDER (XOX)
						FIXED
						DOUBLE HUNG
						SLIDER (XO)

NOTE FOR ALL EXIT DOORS

ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT





NOTES:

SUB-FLOOR PREP.

PREPARTION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLY IS PLUGGED AND TOUCHJ SANDED, ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/3" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

EXTERIOR FINISH: EXTERIOR PLYWOOD SIDING APA COMPARABLE, RATED B-C GRADE EXTERIOR TYPE SIDING:
PANEL THICKNESS SHALL BE A MINIMUM OF 11/32".
SHEATHING NAIL W/ GALV. BOX NAILS - 8d @ 6" O.C EDGES, 8d @ 12" O.C. IN FIELD.
STYLES: PLAIN, V-GROOVED, OR REVERSE BOARD & BATTEN.

ALL FINISHES SHALL COMPLY W/ C.B.C. CHAPTERS 3 TO 8 & 10, CFC & TITLE 19 CCR

HARDWARE SCHEDULE

HARDWARE PACKAGE #1

LOCKSET - FOR 24X40 UNITS CAL ROYAL LX-[illegible] OR EQUAL
FOR [illegible] AND 40X40 UNITS: CAL ROYAL 8000 PANIC HRW. OR EQUAL
BUTTS - 1-1/2 PR. HAGER [illegible] 4-1/2 X 4-1/2 NRP 26D OR EQUAL
CLOSER - NORTON 1601 BF, CAL ROYAL 900BF OR EQUAL
THRESHOLD - PEMKO 271A OR EQUAL. SEE 1/A6.0
DOOR BOTTOM - PEMKO 216AV OR EQUAL
WEATHERSTRIP - PEMKO 299AV OR EQUAL

HARDWARE PACKAGE #2 (INTERIOR)

LOCKSET - (PASSAGE) CAL ROYAL LX 30 GRADE 1 OR EQUAL WITH RHODES LEVER
BUTTS - 1-1/2 PR. HAGER 1279 4-1/2 X 4-1/2 26D

HARDWARE PACKAGE #3 (INTERIOR-OFFICE LOCKABLE)

LOCKSET - CAL ROYAL LX-00 - GRADE 1
BUTTS - 1-1/2 PR HAGER 1279 4½ x 4½ 26D

HARDWARE PACKAGE #4 (INTERIOR-BATH/PRIVACY)

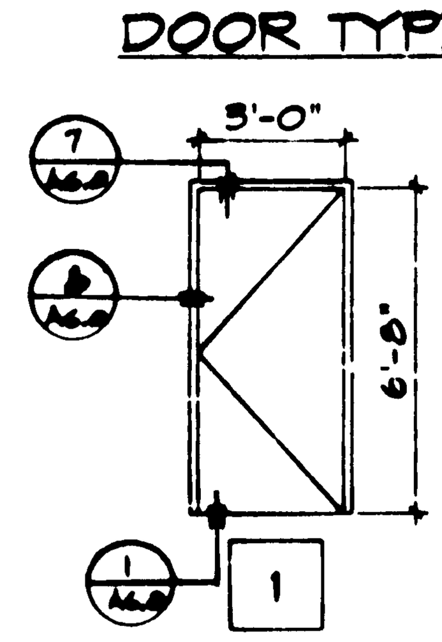
LOCKSET - CAL ROYAL LX-20 GRADE 1
BUTTS - 1-1/2 PR HAGER 1279 4½ x 4½ 26D

HARDWARE PACKAGE #5 (INTERIOR-STOREROOM)

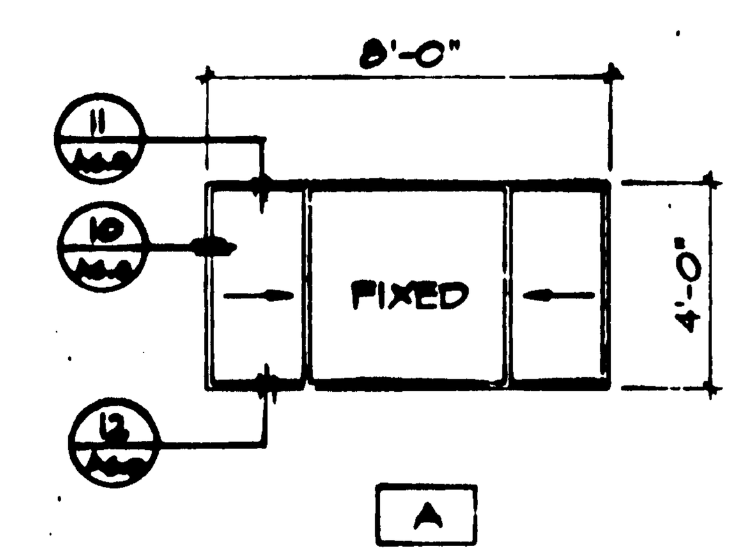
LOCKSET - CAL ROYAL LX-04 GRADE 1
BUTTS - 1-1/2 PR HAGER 1279 4½ x 4½ 26D

PANIC HARDWARE: CAL ROYAL 8000 OR EQUAL

DOOR TYPES



WINDOW TYPE



(SEE NOTES THIS SHEET)

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

MODTECH INC.

FINISH SCHEDULE

DRAWN BY
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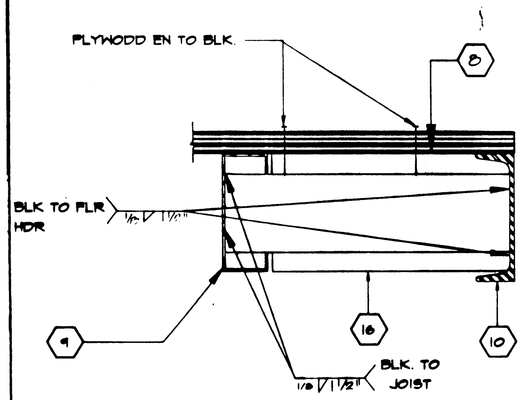
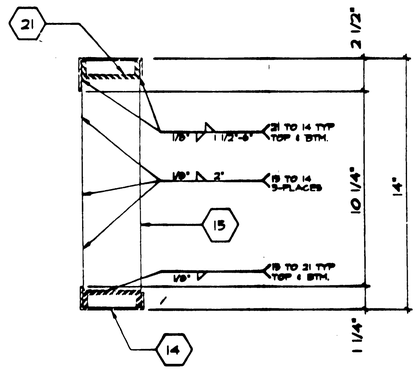
A5.0-1



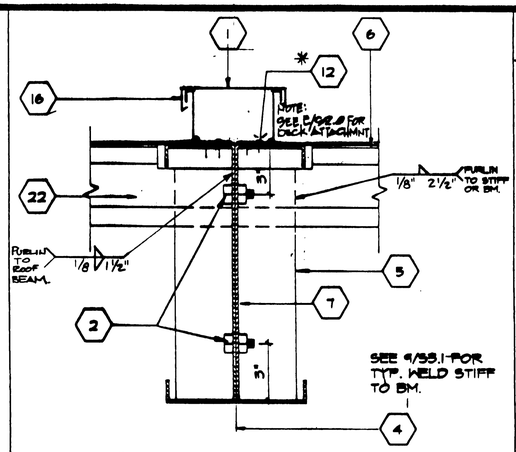
SCALE: 3"=1'

BLOCK @ MIDSPAN 7



SCALE: 3"=1'

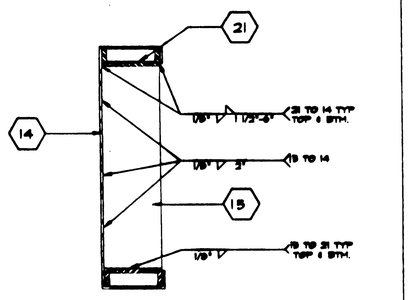
MECH. DUCT OPENING IN HEADER 4



* DO NOT PENETRATE MT'L RF. DECK

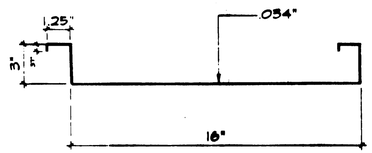
SCALE: 3"=1'

ROOFING @ MODLINE 1



SCALE: 3"=1'

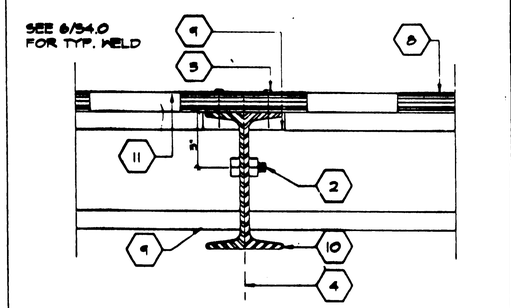
HEADER REINF. @ A.G. OPENING 8



Sx(MIN.) = 0.296 IN3 Sx(MAX.) = 0.55 IN3
Ix(MIN.) = 0.446 IN4 Ix(MAX.) = 0.605 IN4

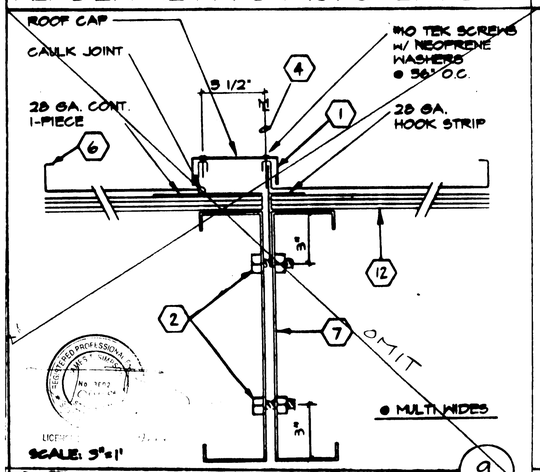
SCALE: 3"=1'-0"

ROOF PAN (22GA.) 5



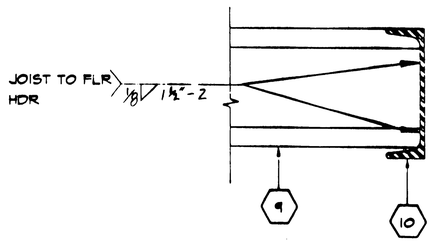
SCALE: 3"=1'

MODULE JOINT @ FLR. 12'-0" 2



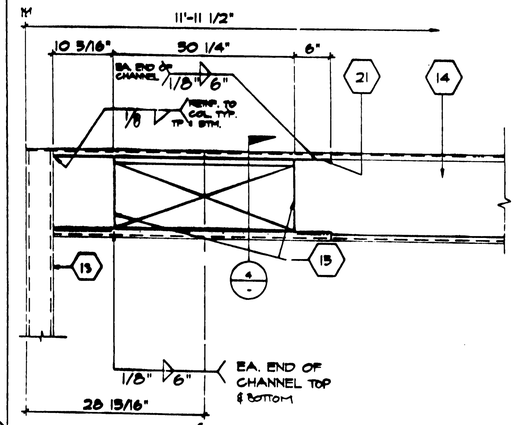
SCALE: 3"=1'

ALT.. ROOFING @ MODLINE 9



SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6



SCALE: 1"=1'

ELEVATION-OPENING 3

KEY NOTES

1. CAP-CLOSURE @ MODLINE. 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT
2. 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) @ 8' O.C.
3. E.N.
4. MODULE JOINT
5. 1/4" @ 8' O.C. FULL DEPTH STIFFENER PLATE (SEE 9/S2.1)
6. STANDING SEAM ROOF (SEE A2.0)
7. ROOF BEAM (SEE STRUCTURAL) SEE 3/S2.1 & 12/S2.1
8. PLYWOOD FLOOR SHEATHING
9. FLOOR JOIST 6/S2.1
10. FLOOR BEAM (SEE STRUCTURAL 3/S2.1)
11. HAND-HOLE @ BOLT LOCATION
12. #14 STSMS
13. 3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN
14. ROOF HEADER (SEE STRUCTURAL 1/S2.1)
15. 1/4" STIFFENER PLANE SEE 9/S2.1 FOR TYP. INFILL
16. CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 STSMS AT 48" O.C. W/NEOPRENE WASHER TO RIB SET BOTH SIDES OF CAP IN SEALANT
17. NOT USED
18. NOT USED
19. NOT USED
20. 2"X2"X3/16" ∠
21. 3 1/4"X11"X45 11/16" LX10GA. CHANNEL TOP & BOTTOM CENTER OF OPENING
22. ROOF PURLIN SEE 2/S2.1
23. TUBE STEEL (SEE NOTE #13)

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OFFICE OF REGULATION SERVICES
APP: 1
AC FLS SS
DATE DEC 11 1998

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

DRAWN BY
DATE
CHECKED BY
DATE

STRUCTURAL DETAILS

S1.2-1

CLASS LEASING, LLC.

1320 Oleander Ave. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

RELOCATION FOUNDATION PC

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DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2015 IBC AND CBC 2016

SEISMIC DESIGN DATA:	MOMENT FRAME PC'S
Basic Seismic-Force-Resisting System	= STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING	= 8573 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 11950 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	=15330 # (Roof, Floor, Walls & Partitions)

I: = 1.0 Cs = 0.514 R: = 3.5 SITE CLASS =D
Ss = 2.7 mapped value
SDs = 1.80 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389
RISK CATEGORY = II

SEISMIC DESIGN DATA:	SHEAR WALL PC'S
Basic Seismic-Force-Resisting System	= WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING	= 4920 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 6440 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	=8261 # (Roof, Floor, Walls & Partitions)

I: = 1.0 Cs = 0.277 R: = 6.5 SITE CLASS =D p = 1.3
Ss = 2.7
SDs = 1.8 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389
RISK CATEGORY = II

FLOOD DESIGN DATA: Project is not located in a flood zone.

DSA — DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES

DSA-103 rev 12/20/13
Statement of Structural Tests & Special Inspections - 2016 CBC

INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised: | Revised:

SCHOOL NAME: SAMPLE: CONCRETE FOUNDATION | DISTRICT:

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual test and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is mandatory requirement. A shaded box indicates a test or special inspection that may required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the " COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA - 103. INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

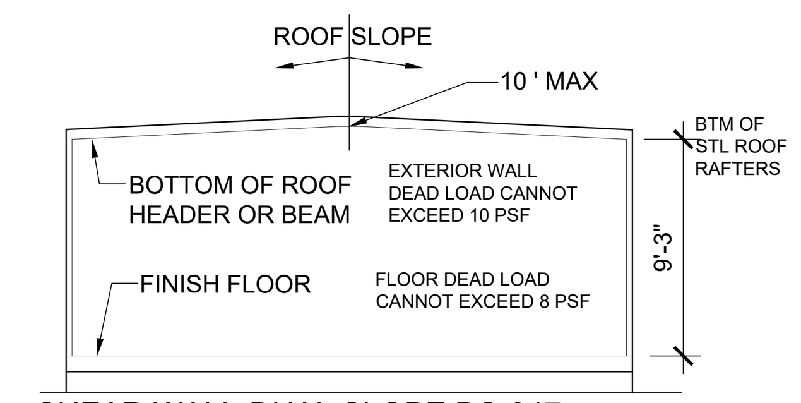
REQUIRED	TEST OR SPECIAL INSPECTION	TYPE 1	PERFORMED BY2	CODE REFERENCE AND NOTES
-	SOILS			
	1. GENERAL: Table 1705A.6			
X	a. Verify that: • site has been prepared prior to placement of controlled filled and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. * Soil test and inspections are only applicable if there is Geotechnical Report
-	2. COMPACTED FILLS: Table 1705A.6			
X	a. Perform qualification testing of fill materials	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	b. Verify use of proper materials and inspect lift thickness, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c. Test compaction of fill.	Test	Lab*	* Under the supervision of the geotechnical engineer. * Soil test and inspections are only applicable if there is Geotechnical Report
-	CONCRETE Table 1705A.3			
-	7. CAST IN PLACE CONCRETE			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	SI & PI *	* To be performed by batch - plant special inspector and project inspector.
X	b Test reinforcing steel.	Test	Lab*	1913A.2 (1913.2.6). ASTM A370. DSA IR 17 - 10
X	C. Perform slump, temperature, and (where required) air contents tests.	Test	Lab*	ASTM C172, ASTM C31.
X	d. Test concrete (compression).	Test	Lab*	ACI 318 Section 5.6 and 1905A. 1.2 (1913.3.1). ASTM C39.
	Inspection:			
X	e. Batch plant inspection	Continuous	SI	1705A.3.2; If approved by DSA, batch plant inspection may be reduced to periodic if plant complies with 1705A.3.3, Item 1, and requires first batch inspection, weighmaster, and batch tickets.
X	g. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
+	MASONRY TMS 402 - 11/ACI 530 - 11/ASCE 5 - 11 Table 1.19.3			
-	STEEL Table 1705A.2.1			
-	17. STRUCTURAL STEEL AND COLD - FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	a. Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements, • Material sizes, types and grades comply with requirements.	Periodic	*	* By a special inspector when performed off- site; by project inspector steel shipped directly to project site without welding or fabrication.
X	b. Test unidentified materials	Test	Lab*	2203A.1 (2203.1). ASTM A370.
	Inspection:			
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
-	19. WELDING:			DSA IR 17 - 3 AWS D1.1 AND AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17 - 3.
-	19.2 FIELD WELDING:			
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Per AISC 360 (and AISC 341 as applicable). DSA IR 17 - 3.
+	WOOD			
+	OTHER			

1 Soil testing and Inspection: Geotechnical Verified Report - Form DSA - 293
2 All Structural Testing: Laboratory Verified Report - Form DSA - 291
3 Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA - 292
4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA - 292

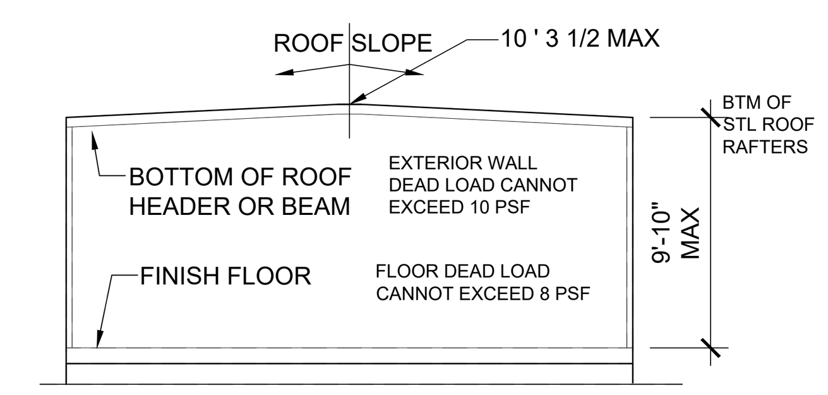
KEY to Columns	
1 Type -	2 Performed By -
Continuous - Indicates that a continuous special inspection required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic - Indicates that a periodic special inspection is required	LAB - Indicates that the test or inspection is to be performed by a testing a laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4 - 335, 2013 CCR Title 24, Part 1.
Test - Indicates that a test is required	PI - Indicates that the special inspection is to be performed by the project inspector

THE EXAMPLE FORM DSA - 103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA - 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA - 103 ARE TO BE CROSSED OUT ON THIS DRAWING.

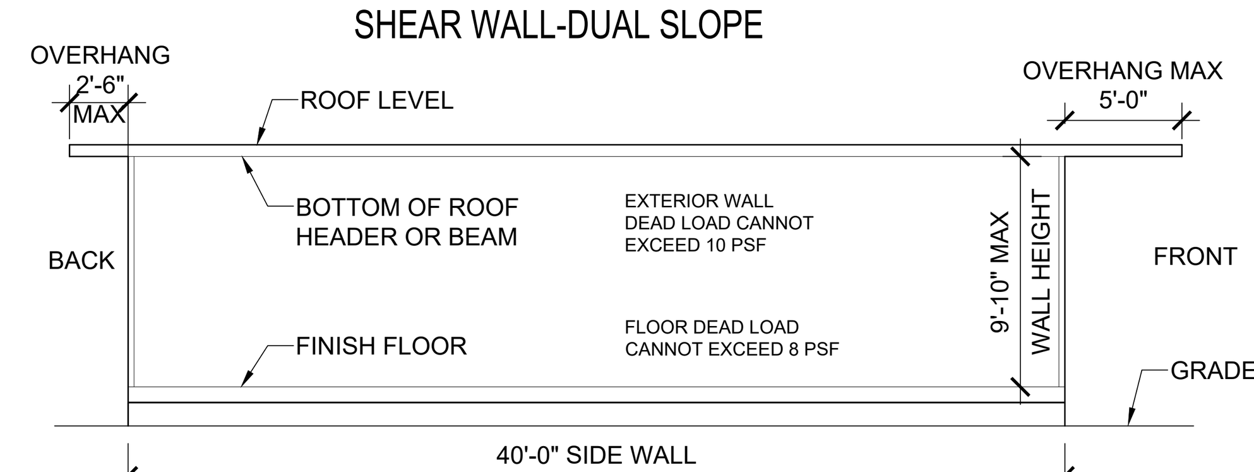
DSA 103 EXAMPLE IS FOR REFERENCE ONLY



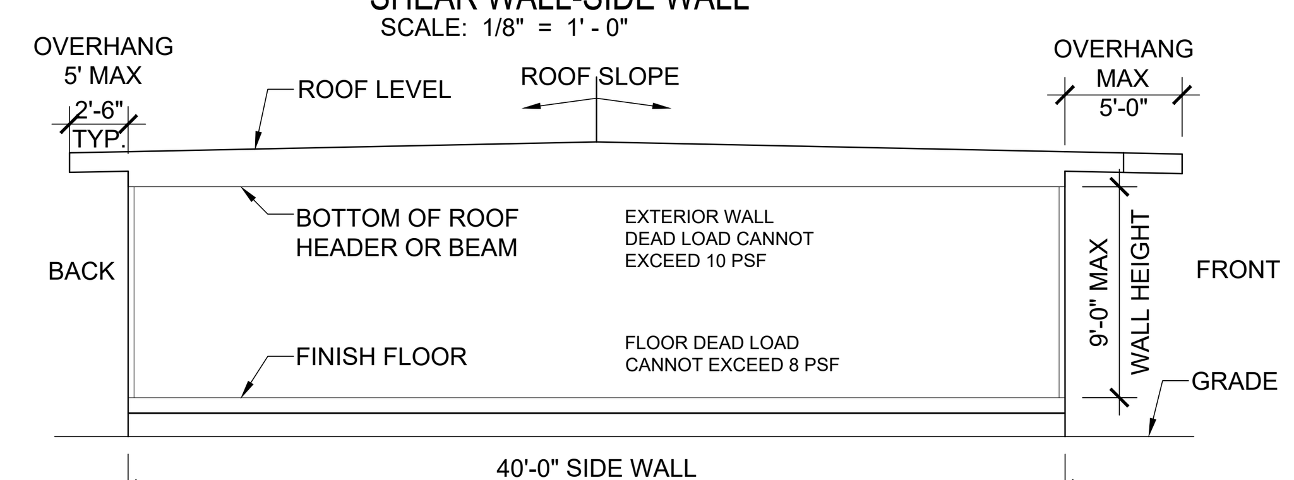
SHEAR WALL-DUAL SLOPE PC-247



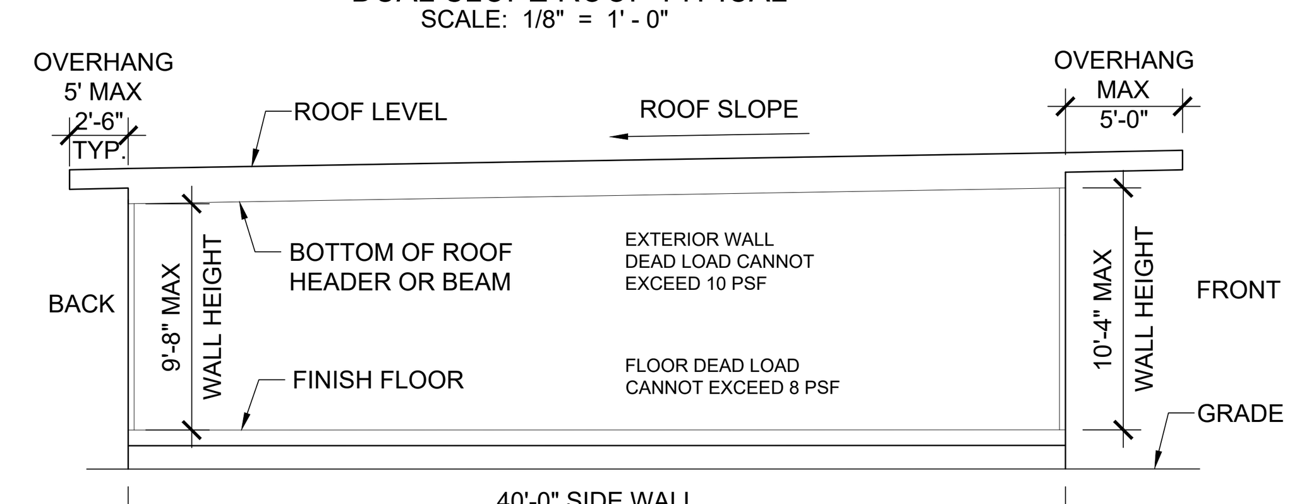
SHEAR WALL-DUAL SLOPE



SHEAR WALL-SIDE WALL
SCALE: 1/8" = 1' - 0"



DUAL SLOPE ROOF TYPICAL
SCALE: 1/8" = 1' - 0"



MONO SLOPE ROOF
SCALE: 1/8" = 1' - 0"

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC LIMITATIONS ONLY. DOCUMENTATION SHALL BE PROVIDED BY ENGINEER IN GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWINGS.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. **DSA APPROVED STOCKPILE BUILDINGS**
2. **ROOF OVERHANGS OF 5'-0" MAXIMUM**
3. **MONO SLOPE OR DUAL SLOPE BUILDINGS**
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON MONO SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL - DUAL SLOPE BUILDING
4. **WALL DEAD LOAD OF 10 PSF (NO STUCCO)**
5. **FLOOR DEAD LOAD OF 8 PSF**

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION - 2016 CODE UPDATE

FOUNDATIONS

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 01	52513	46750-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 04	52516	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 05	52515	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50#, 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
→ STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	**50#**	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
	04-105203	PC 04-101055	06-29-1999	24 x 40	50+20#	AURORA
	03-105678	PC 04-101055	06-29-1999	24 x 40	50#	AURORA
	04-101403	PC 362	10-16-1997	24 x 40	50 + 20#	MSI

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-106-419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	36 x 40	**70#**	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113418	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
1	
2	
3	
4	
5	
6	

CLASS LEASING LLC

1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☑
DATE: 03/04/2019

ENGINEER:

No.3602 STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR:

SHEET TITLE: COVER SHEET

DATE: 02-25-2019

DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB: -

C-1.0 -1

NOTES CONTINUED:

CONTRACTOR OPERATIONSHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACITLITES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND PERSONEL.

NOTES:

3.01 CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.

2. WORKMANSHIP:

a. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL, PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES

b. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE COROSION RESISTANT BOX NAILS.

c. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT.THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8,IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF IT MINIMUM ALLOWABLE EDGES DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

d. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

4.01 MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-LANCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU LATEST EDITIONS.GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR NO. 2

2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4' X 8' PANELS MINIMUM, EXCEPT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 2" AT WALLS.

3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-2012 & 2012 EDITION OF **NDS** THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION). BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2012 NDS. BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY STEEL BOLTS WITH MINIMUM YIELD STRENGTH OF 45,000 PSI. RE TIGHTEN BOLTS BEFORE CLOSING IN WORK.

4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARD B18.2.1 AND 2012 NDS. HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. ONE QUARTER INCH (1/4) DIAMETER LAG SCREWS NEED NOT HAVE PRE-AIMED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREW WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.

5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUR WASHERS) UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON ON WOOD.

6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2012 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS.SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.

7. WOOD MEMBER SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.

8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.

9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2012 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2 TABLE 2304.9.1. ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENT OF CCR TITLE 24, PART 2, WITH MINIMUM
BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENT BELOW.)

10. NAIL EQUIVALENCE: (PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O.)
6D EQUALS . 113" DIA. - PROVIDE 1.36" MINIMUM POINT PENETRATION
8D EQUALS . 131" DIA. - PROVIDE 1.57" MINIMUM POINT PENETRATION

11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.8, CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.8.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS " FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIALS SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.8. TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBER WITH AN APPROVED PRESERVATIVE. (WILLARD W/B COPPER GREEN 2% OR AN APPROVED EQUIVALENT). WHERE NOTED, MEMBERS BELOW SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.

12. ONLY MATERIAL IN CONTACT WITH GROUND NEEDS TO BE PRESSURE TREATED ALL OTHER FOUNDATION MEMBER CAN BE DF OR HF#2 OR EQUAL.

13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2.MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.

14. FASTENERS FOR PRESURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOODS SHALL COMPLY WITH SECTION 2304.9 OF CBC.

15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.9.1.1 OF CBC.

16. SHIM MATERIALS SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED).

17. USED LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM.

18. TIE PLATES SHALL CONFORM TO A-1011 GRADE 33.

NOTES CONTINUED:

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OR GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSERVATION
SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC., ADDITIONAL COST WILL BE CHANGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. PROVIDE ELECTRICAL GROUNDING TEST PER DSA IR E-1.

2. FIELD WELDING FOR WELDED TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION.)

THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY
A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTION ARE REQUIRED.

7.01 CONCRETE AND REINFORCING STEEL

1. SOIL TYPE AND FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. ALL CONCRETE SHALL HAVE MINIMUM STRENGTH AT 28 DAYS FOOTINGS: f'c = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI).
3. CONCRETE SHALL CONFORM TO CBC 2016 AND ACI 318-14 CONCRETE MIX DESIGN SHALL BE PROVIDED (ACI 3 POINT CURVE) FOR REVIEW.
f'c = 3000 PSI AT 28 DAYS.
AGGREGATE SHALL BE 3/4" TO 1" MAX SIZE BUT NOT GREATER THAN 3/4" MIN CLEAR BAR SPACING.
WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK.
MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
4. CONTINUOUS BATCH PLANT INSPECTION SHALL BE PROVIDED FOR ALL CONCRETE.
5. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150, UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT.
6. PORTLAND CEMENT CONFORMING TO ASTM C - 150, TYPE II LOW ALKALI.
7. NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C-33. EXPANDED CLAY SHALL CONFORM TO ASTM C-330.
8. FOR SLAB-ON-GRADE: MINIMUM CEMENT CONTENT SHALL BE 5.3 SACKS PER CU.YARD.
9. CONCRETE MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
10. FLY ASH (CLASS N OR F ONLY) IS NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT OR ENGINEER AND SHALL NOT EXCEED 12% VOLUME OF THE TOTAL CEMENT CONTENT.
11. REINFORCING STEEL GRADE 40 OR 60: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615, GRADE 60, EXCEPT TIES AND STIRRUPS NO.3 AND NO.4 MAY BE GRADE 40.
12. WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706 OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-2011.
13. ALL REINFORCING STEEL SHALL HAVE A 57 BAR DIAMETER MINIMUM LAP SPLICE (2'-0" MINIMUM) UNLESS NOTED OTHERWISE.
14. SPLICES OF HORIZONTAL REINFORCING IN WALLS SHALL BE STAGGERED.
15. ANCHOR PLATES SHALL CONFORM TO ASTM A-36.
16. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307
17. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
18. NOT USED
19. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
20. FOR FOOTING USING TRENCH FOR FORMING: WIDTH SHALL BE INCREASED 2" EACH SIDE.

ADJACENT BUILDINGS:
ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

SPECIFICATIONS
RELOCATABLE CLASSROOMS

1.01 GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY, ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAMED PRODUCTS.

1.02 SCOPE OF WORK:

1. THE WORK CONSIST OF INSTALLING ON-SITE, MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS.
2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE OF REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an Inspector approved by DSA (Division of the State Architect) and the District Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as many be required by DSA. Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. ALL ON-SITE OR UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS.
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STROPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, CLOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM. TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

1.04 ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

2.01 SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE DISTRICT ARCHITECT.
2. ASSEMBLY OF ELEMENTS:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assemble and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.
UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS ETC., ADDITIONAL COSTS WILL BE CHARGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. Soils Testing and Inspection: Geotechnical Verified Report - Form DSA 293
3. All Structural Testing: Laboratory Verified Report -Form DSA 291
4. Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA 292
5. Field Welding Inspection: Special Inspection Verified Report - Form DSA - 292.
6. No other tests and inspections are required.

Soil test and inspections are only applicable if there is Geotechnical Report

STOCKPILE CLASSROOM RELOCATION - BASIC BELOW GRADE FOUNDATION PLANS, ABOVE GRADE FOUNDATION PLANS

MULTIPLE BUILDINGS MAY BE PLACED TOGETHER FOR DISTRICT SITE REQUIREMENTS.

ADDITIONAL VENTILATION - ACCESS MUST BE PROVIDED FOR THE OVERALL BUILDING PLAN:

APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2016 CBC

2016 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2017*
-2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, Title 24, C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA BUILDING CODE (CBC), PART 2, Title 24 C.C.R.
(2015 International Building Code Volume 1-2 and 2016 California Amendments)

-2016 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, C.C.R.
(2014 NATIONAL ELECTRICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, C.C.R.
(2015 UNIFORM MECHANICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, C.C.R.
(2015 UNIFORM PLUMBING CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, C.C.R.*

-2016 CALIFORNIA FIRE CODE PARTS 9, TITLE 24, C.C.R.
(2015 INTERNATIONAL FIRE CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, C.C.R.

TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.
2013 ASME A17.1 Safety Code for Elevators and Escalators.

GENERAL NOTES:

-ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

-CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE B AN ADDENDUM OR A CONSTRUCITON CHANGED DOCUMENT (CCD) APPROVED BY TGE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

-A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 2, CCR.

-A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), R A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317 (c). PART 1, TITLE 24, CCR).

-GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WIT ALL LOCAL ORDINANCES.

THE BUILDING SHALL BE SET ON 3000 PSI CONCRETE PADS , DESIGNED FOR A MAXIMUM OF 1500 PSF LOAD ON THE SOIL WITH A MINIMUM 12 INCH PENETRATION INTO EARTH PER THE DSA APPROVED PC DRAWINGS. THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL PER THE APPROVED PC DRAWINGS.
BELOW GRADE FOUNDATION REQUIRES 18" CLEARANCE UNDER BUILDING FROM THE BOTTOM OF THE PURLINS TO THE TOP OF FINISH PAD OR TOP OF RODENT BARRIER. THE FOOTING DESIGN SHALL PROVIDE SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN THE TOLERANCE ALLOWED BY CODE AND/OR DSA.
THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. ALL RIGGING AND CRANING ARE NOT INCLUDED IN THIS SECTION. THE DISTRICT SHALL PROVIDE STAKED CORNERS AND A BENCHMARK PER THE ARCHITECTS PLANS. THE DISTRICT SHALL BE RESPONSIBLE FOR ANY OVER EXCAVATION AND COMPACTION OF THE BUILDING PAD. THE DISTRICT SHALL PROVIDE THE CONTRACTOR AND/OR CLASS LEASING AND EXCAVATED CLEAR 22'x50' PAD LEVEL WITHIN +/- 1' OVER THE DIAGONAL MEASUREMENT OF THE PAD. THE DISTRICT IS RESPONSIBLE FOR ALL SOILS/SPOILS REMOVAL, HAUL OFF, BACKFILL AND RE-COMPACTION.

FOUNDATION PLAN CAN BE EXPANDED TO ACCOMMODATE VARIOUS BLDGS AS A COMMON FOUNDATION FOLLOWING:
FOUNDATION AT BUILDING SEPARATION DETAIL SEE SHEETS:
C-2.0, C-3.0, C-4.0, C-5.0 AND C-6.0.
VENTING REQUIREMENTS FOR BLDGS ON COMMON FOUNDATION MUST BE PROVIDED & SHOWN IN (AOR) ARCHITECTURAL/CIVIL PLANS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CONTRACTOR IS RESPONSIBLE FOR THE OVERALL CONCRETE FOUNDATION DIMENSIONS AND ACCURATE PLACEMENT OF WELD PLATES.

STOCKPILE CLASSROOM NOTES

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
1	
2	
3	
4	
5	
6	

CLASS LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

ENGINEER

LICENSED PROFESSIONAL ENGINEER JAMES T. SIMPSON No.3602 STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE:
NOTES

DATE: 02-25-2019

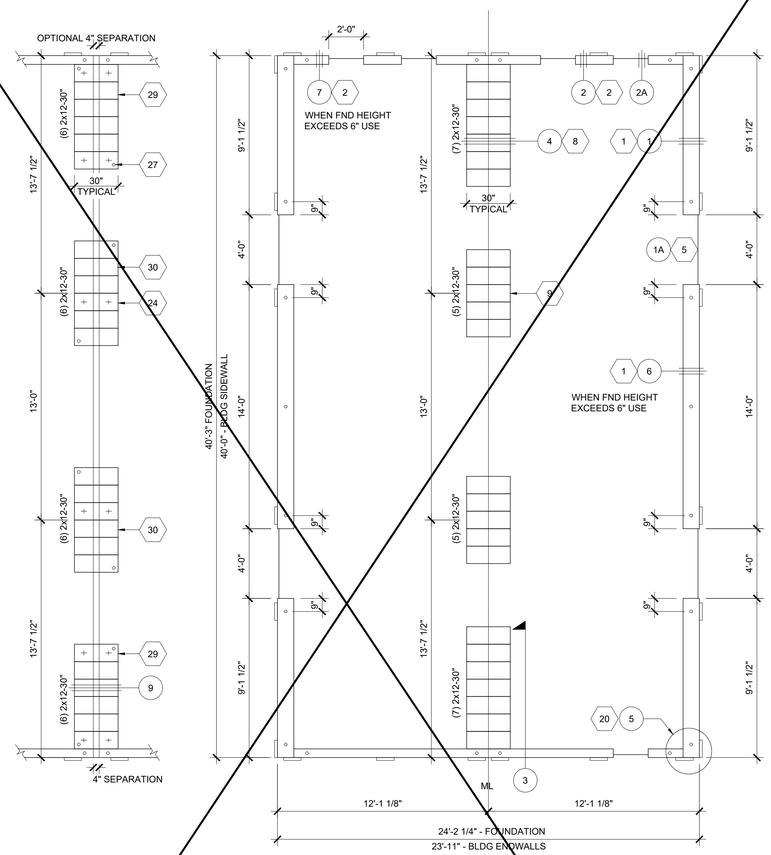
DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB: -

C-1.1 -1

LICENSED ARCHITECT JAMES T. SIMPSON No. C-17644 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA



FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

☐ TYPICAL 24x40 FOUNDATION PLAN 50 + 20 PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH. PREFORMED L-SIZE REQUIRED WITH 3" RETURN

BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 48" SIDE VENT = 1.00 S.F.
3" x 24" END VENT = .5 S.F.

PROVIDE:
4 - 3" x 48" SIDE WALL VENTS = 4.0 S.F.
5 - 3" x 24" END WALL VENTS = 2.5 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS

FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

☒ TYPICAL 24x40 FOUNDATION PLAN 50 - PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH. PREFORMED L-SIZE REQUIRED WITH 3" RETURN

BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 6'-6" SIDE VENT = 1.63 S.F.

PROVIDE:
4 - 3" x 6'-6" SIDE WALL VENTS = 6.52 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

REVISIONS	BY
1	
2	
3	
4	
5	
6	

CLASS LEASING LLC
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ENGINEER

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No.3602 STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE:
24x40 - 50 PSF AND/OR 50 + 20
RELOCATION
FOUNDATION PLAN

DATE: 02-25-2019

DRAWN BY: Bernnie P.

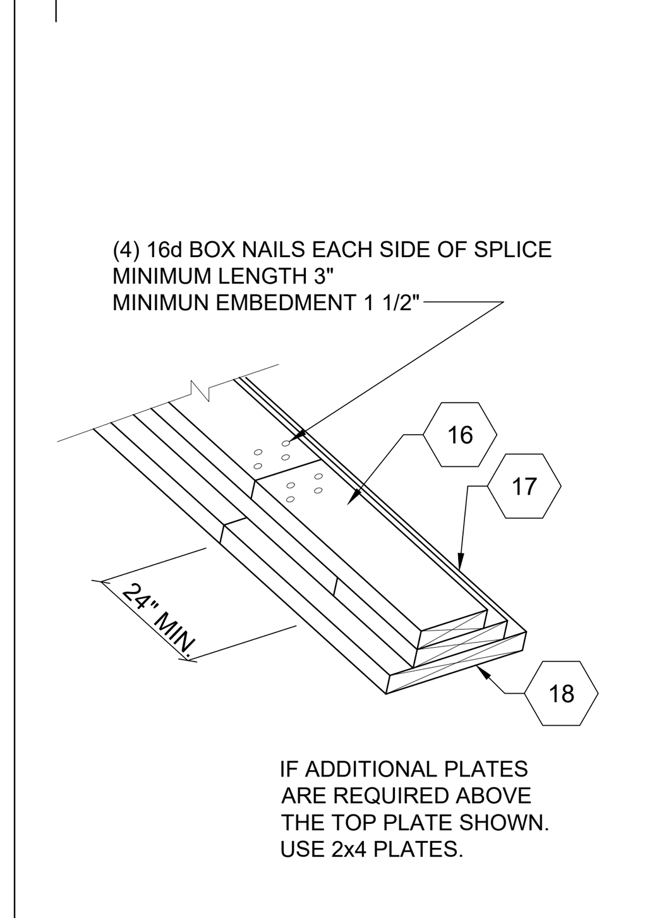
SCALE: AS SHOWN

JOB: 24x40 - 50 PSF

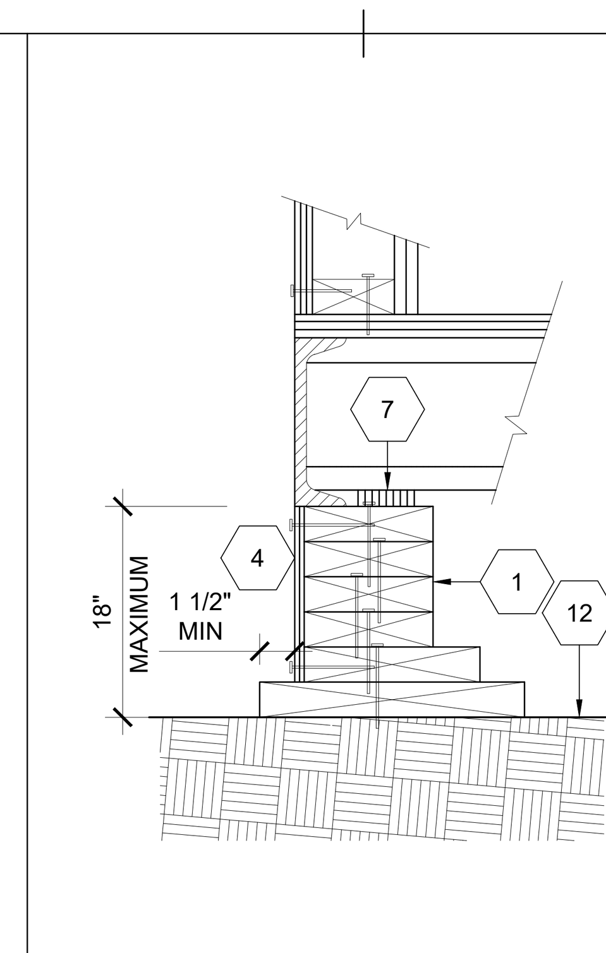
F-1.0-1

LICENSED ARCHITECT JAMES T. SIMPSON No. C-27644 CALIFORNIA

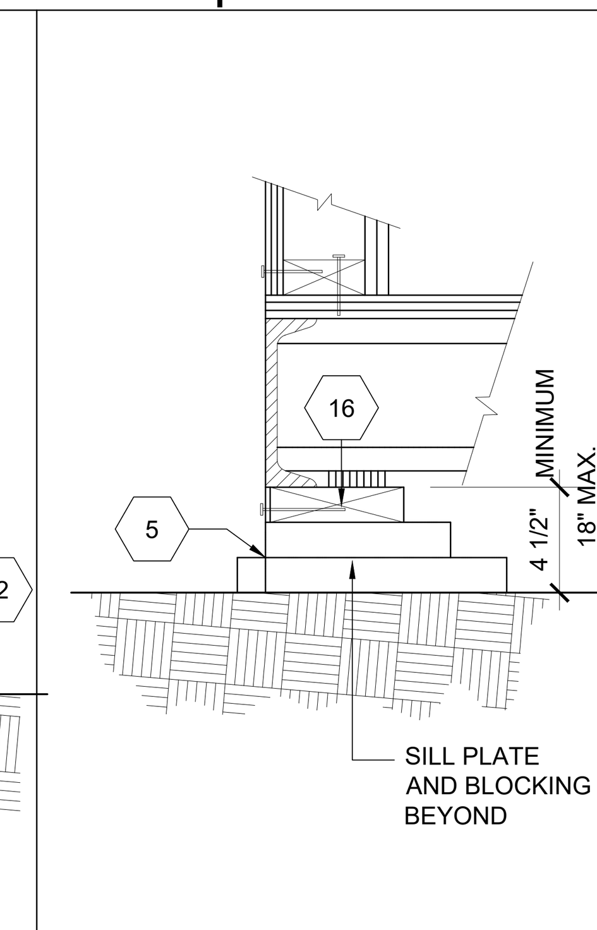
PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.



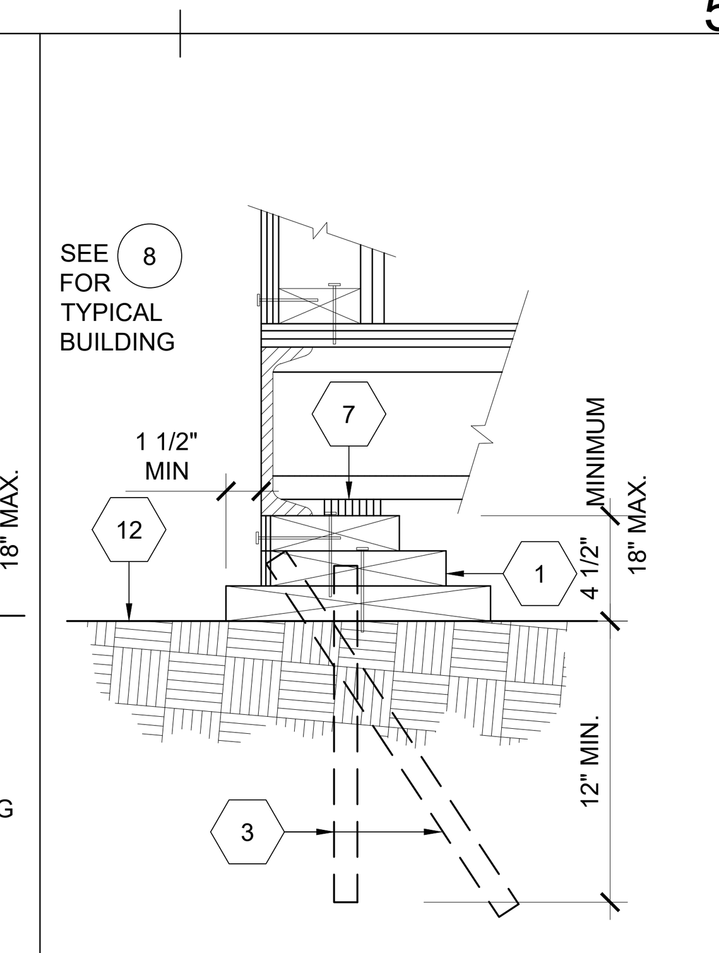
11 FOUNDATION SPLICE
SCALE: 1/2" = 1' - 0"



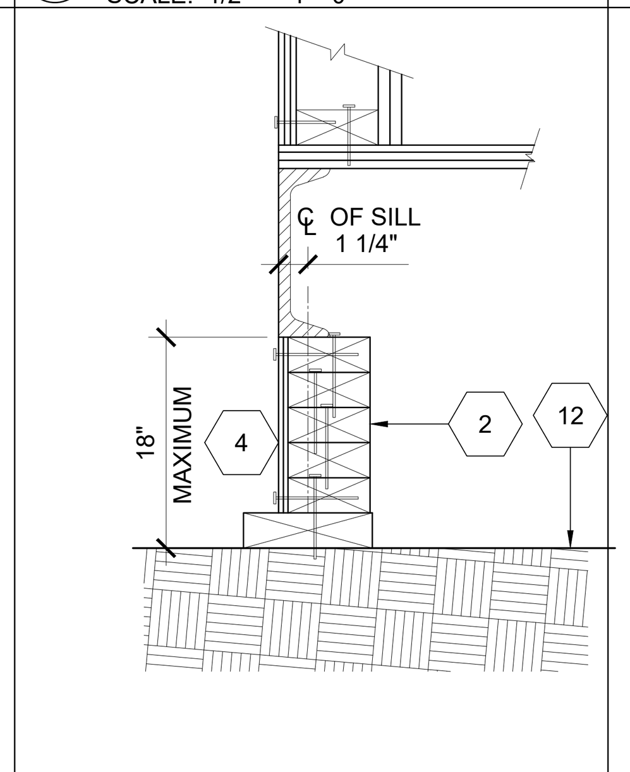
6 SIDE WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



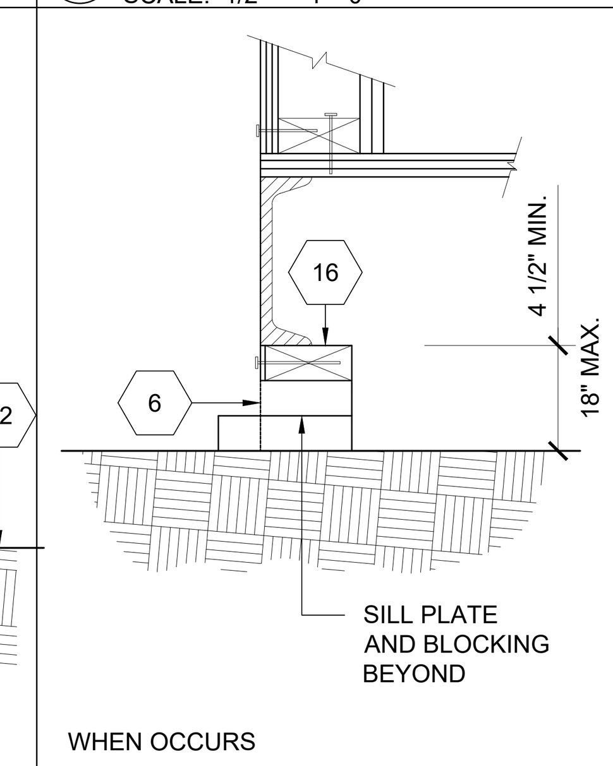
1A VENT AT SIDE WALL
SCALE: 1/2" = 1' - 0"



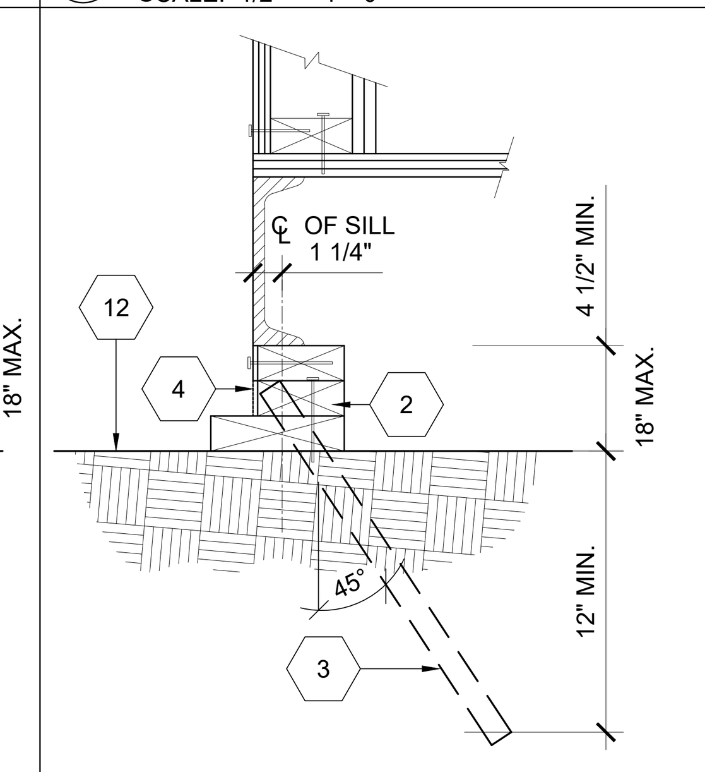
1 SIDE WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



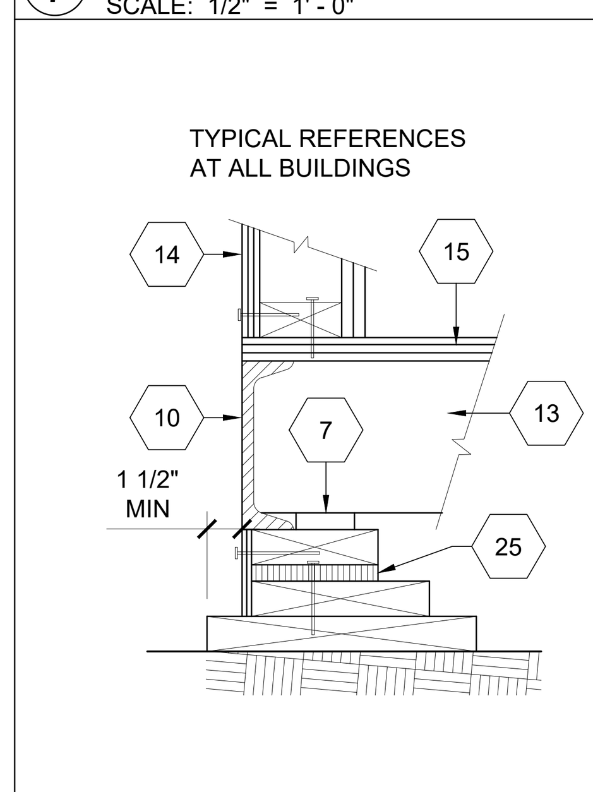
7 END WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



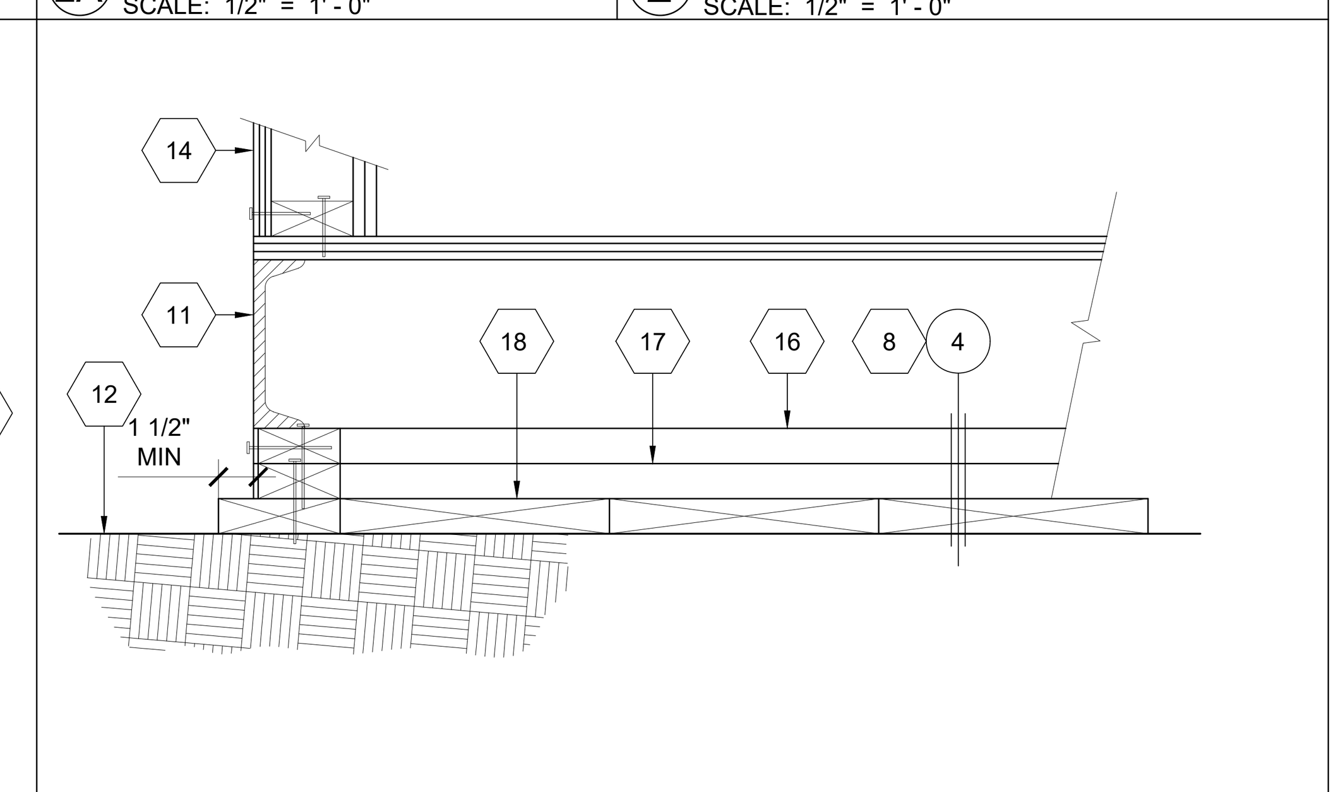
2A VENT AT END WALL
SCALE: 1/2" = 1' - 0"



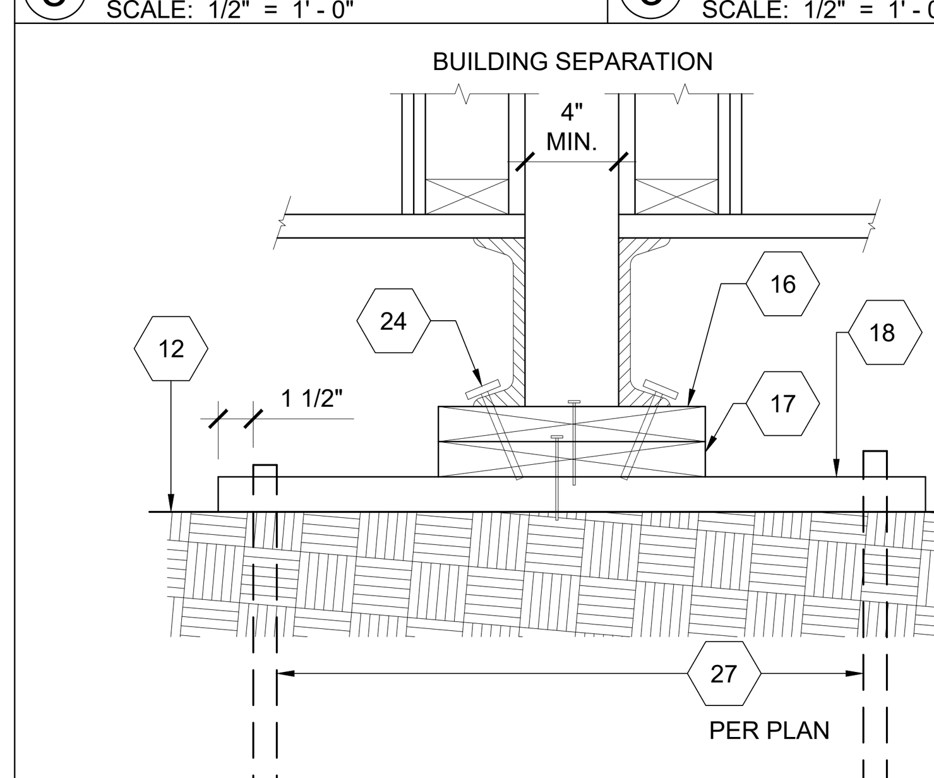
2 END WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



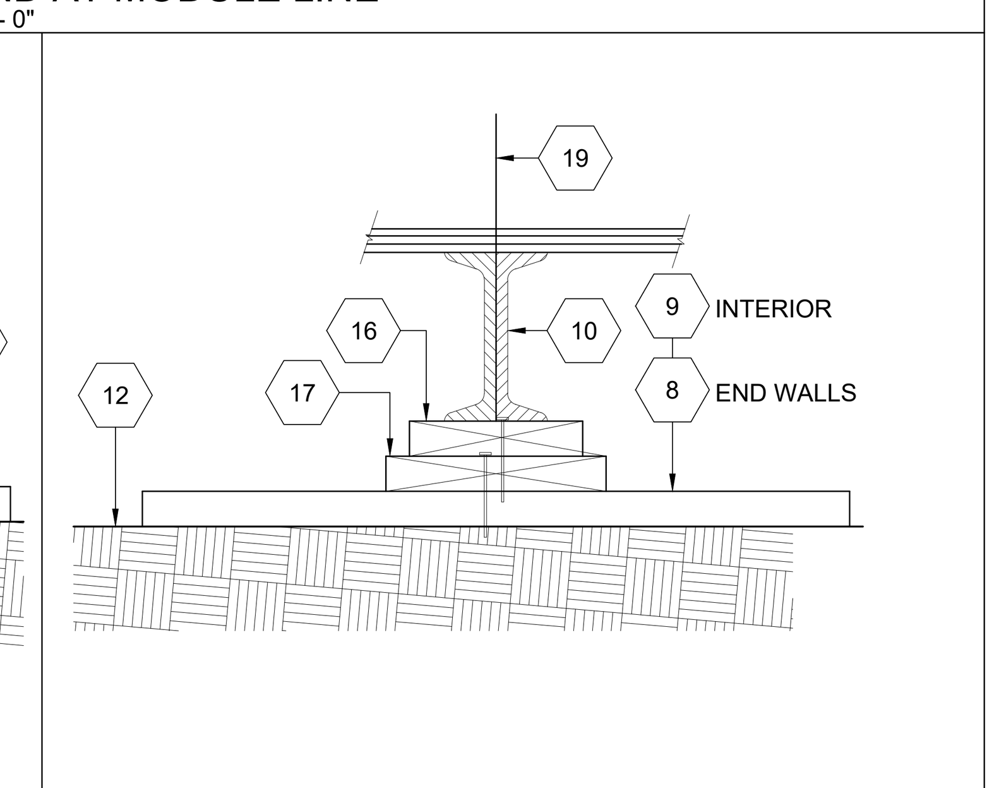
8 LEVELING SHIM WHEN REQUIRED
SCALE: 1/2" = 1' - 0"



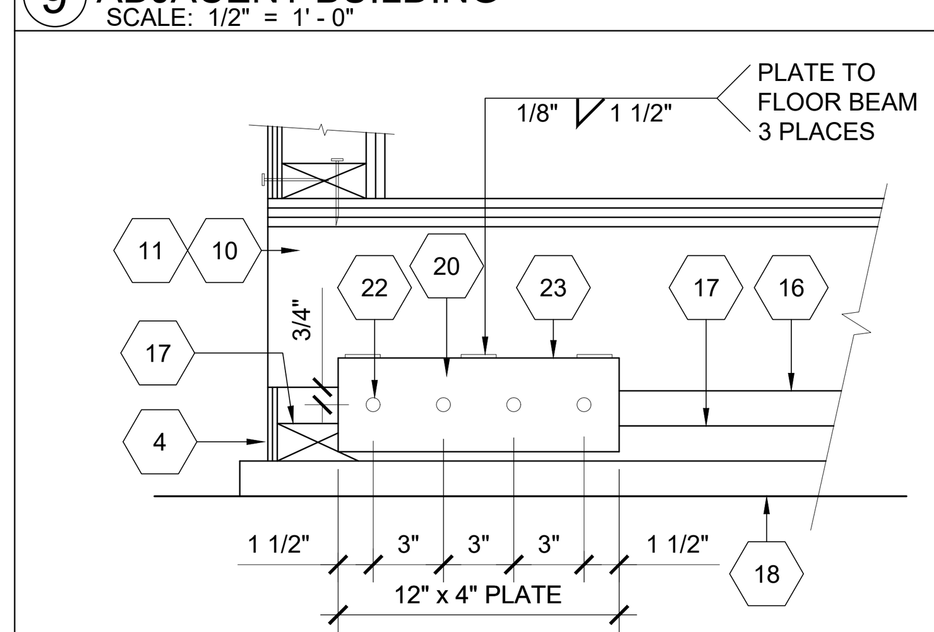
3 SECTION FND AT MODULE LINE
SCALE: 1/2" = 1' - 0"



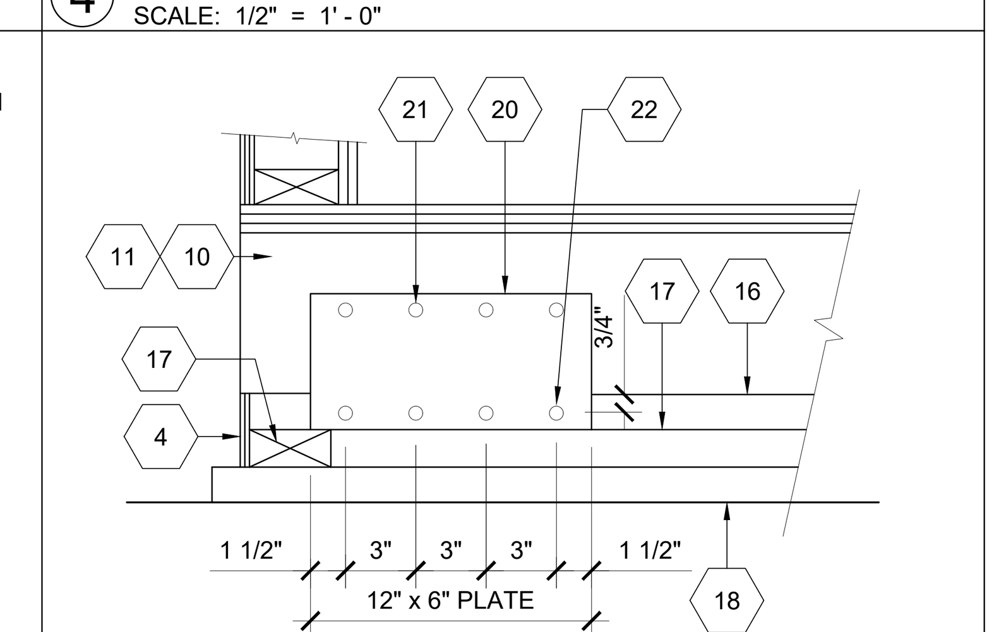
9 ADJACENT BUILDING
SCALE: 1/2" = 1' - 0"



4 MODULE LINE
SCALE: 1/2" = 1' - 0"



10 WELDED TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"



5 FOUNDATION TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"

KEY NOTES 24 x 40 - 50PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE**: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A

FOUNDATION AT END WALL

2 **TOP PLATE**: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT - PIPE TO GRADE (TYP) SEE GENERAL NOTE #A.

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END

WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" O.C.

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,
6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.
7 SHIM: 5/8" x 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

10 FLOOR BEAM: C7 x 9.8 TYPICAL

11 FLOOR HEADER: C7 x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x 10 GA

21 PLATE ANCHOR: 4-1/4" Ø S.M.S

22 PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT) INTO THE WOOD

23 TIE PLATE: 12" x 4" x 10 GA

24 BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING
(FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4"
PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER
OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING.
PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1,.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAT 10'-0".
ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY, 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. **A WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE, GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED TO BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED B THE INSPECTOR.

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
1	
2	
3	
4	
5	
6	

CLASS
LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

ENGINEER
REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMONS No.3602 STRUCTURAL STATE OF CALIFORNIA
Date Signed: February 26, 2019

AOR

SHEET TITLE:
DETAILS & NOTES

DATE: 02-25-2019

DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB:

F-7.0-1

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 — *1 1/2" = 1'-0"* **Notes**

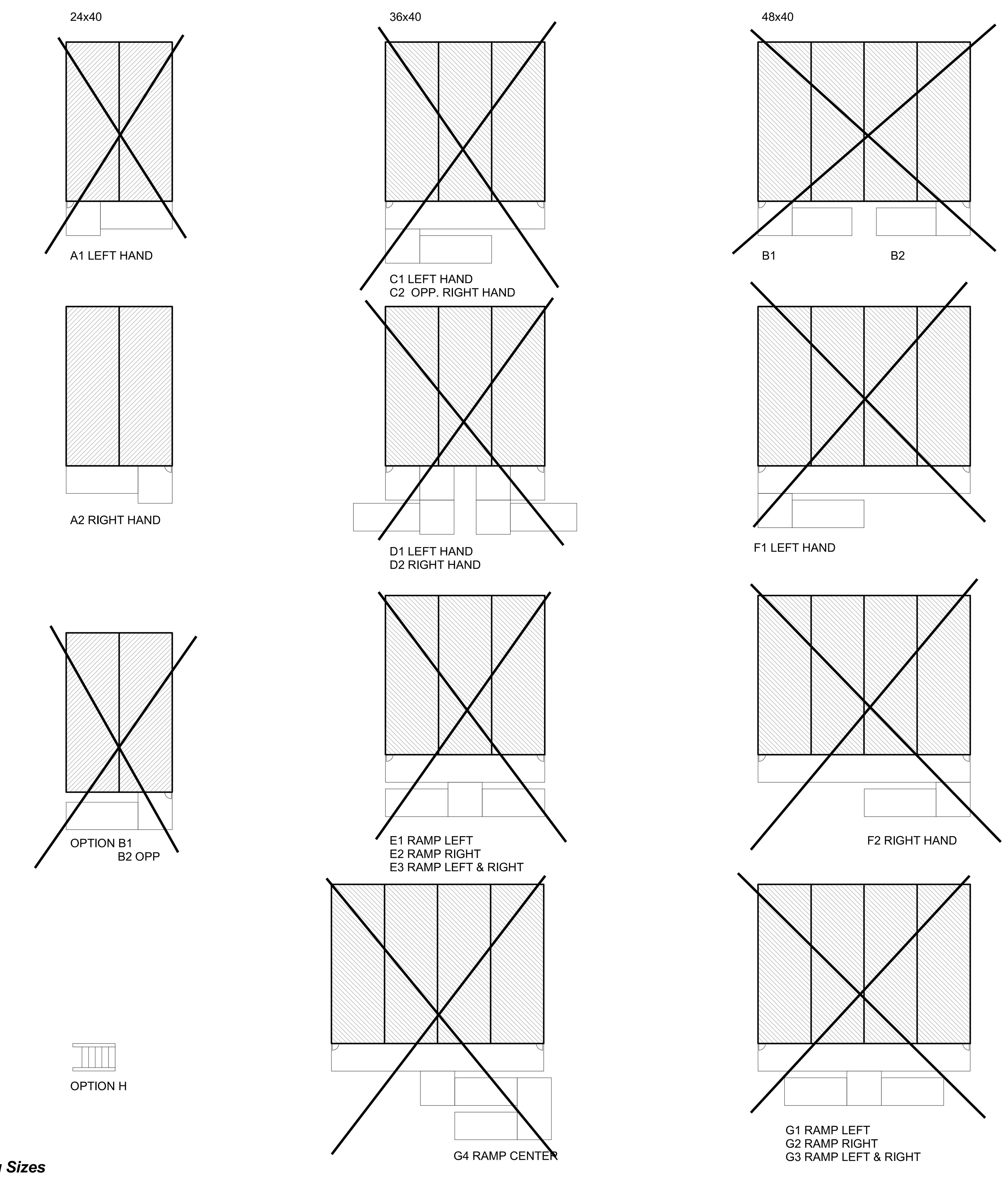
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



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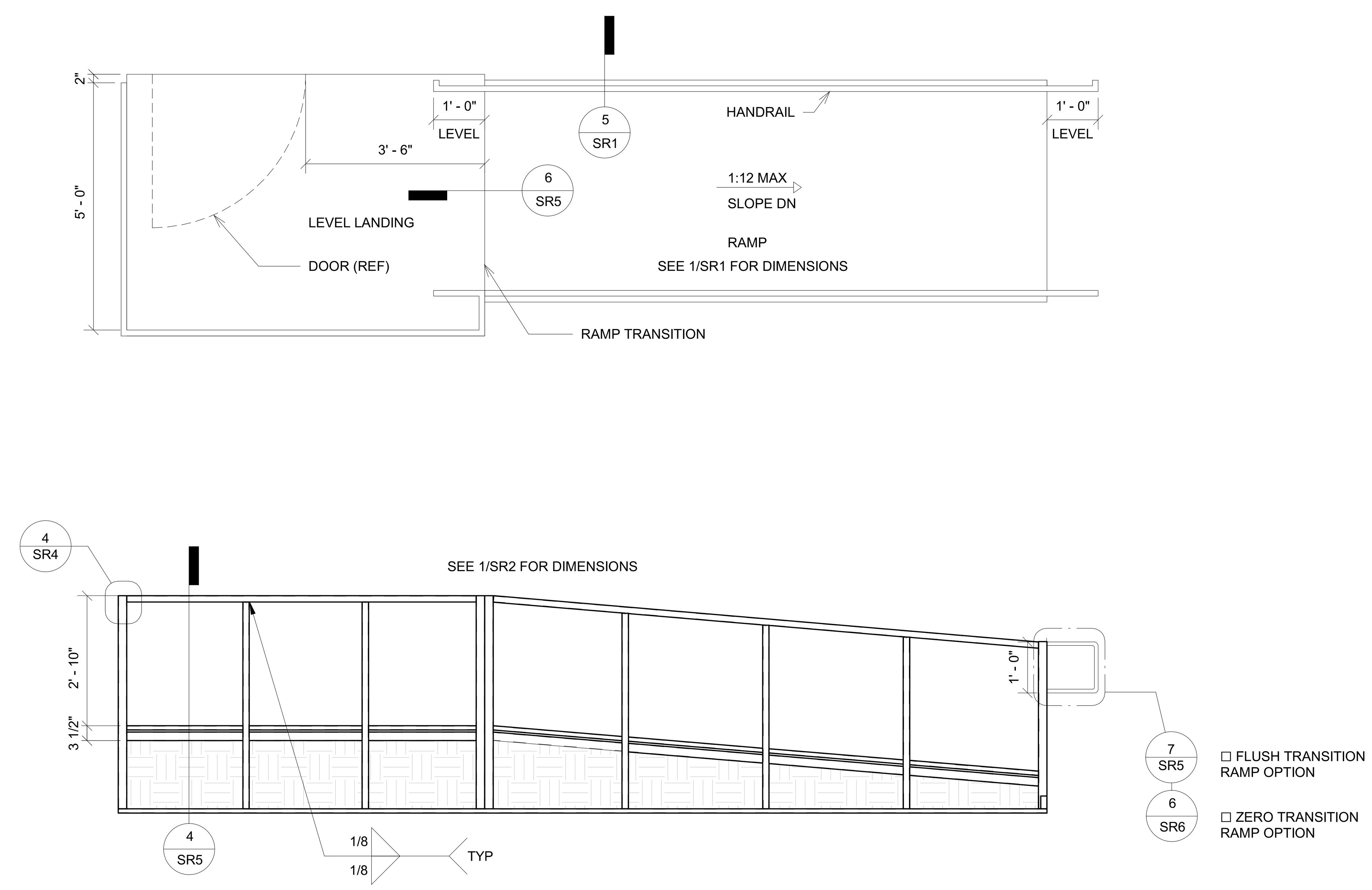
DATE: 02/04/2021

2 — ***Ramps Options w/ Different Building Sizes***



3 — *1/2" = 1'-0"* ***Standard Ramp***

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER — MANNY D. FRISCH — No. S3380 — STRUCTURAL — STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR0-1

SHEET OF

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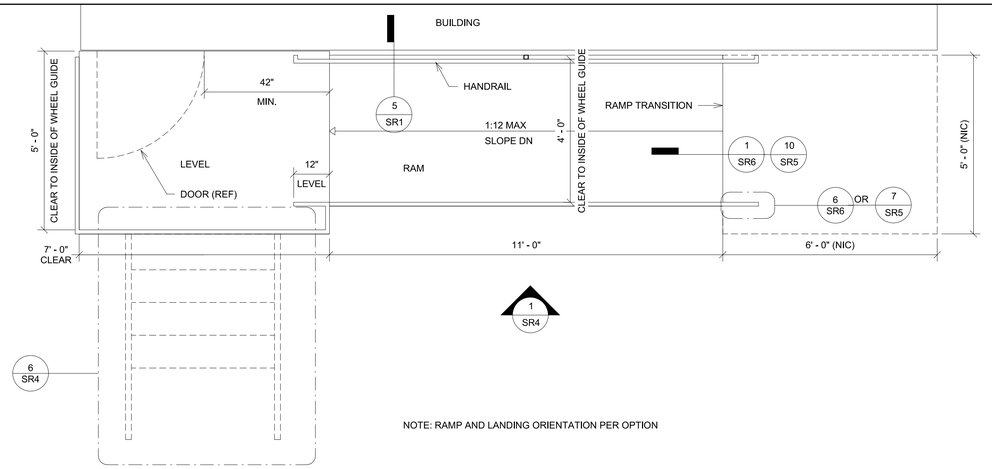
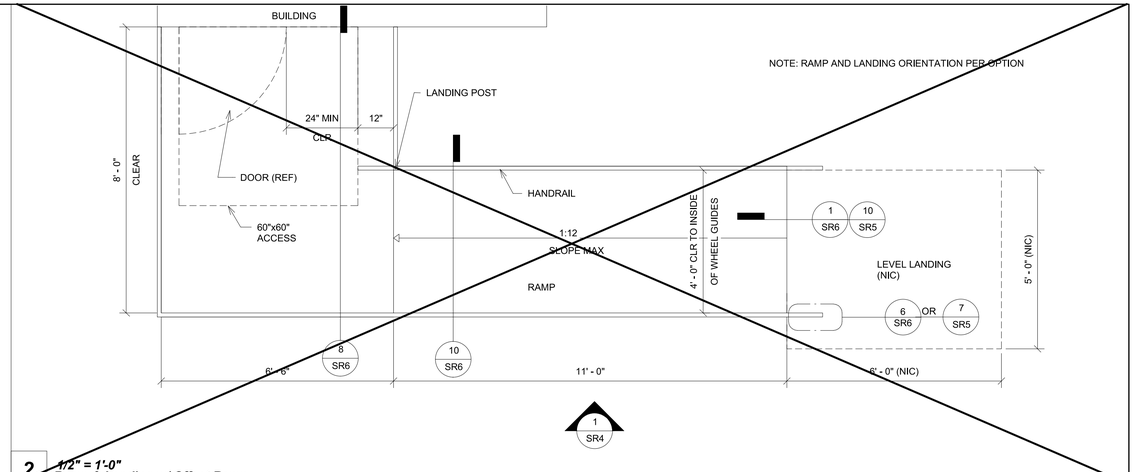
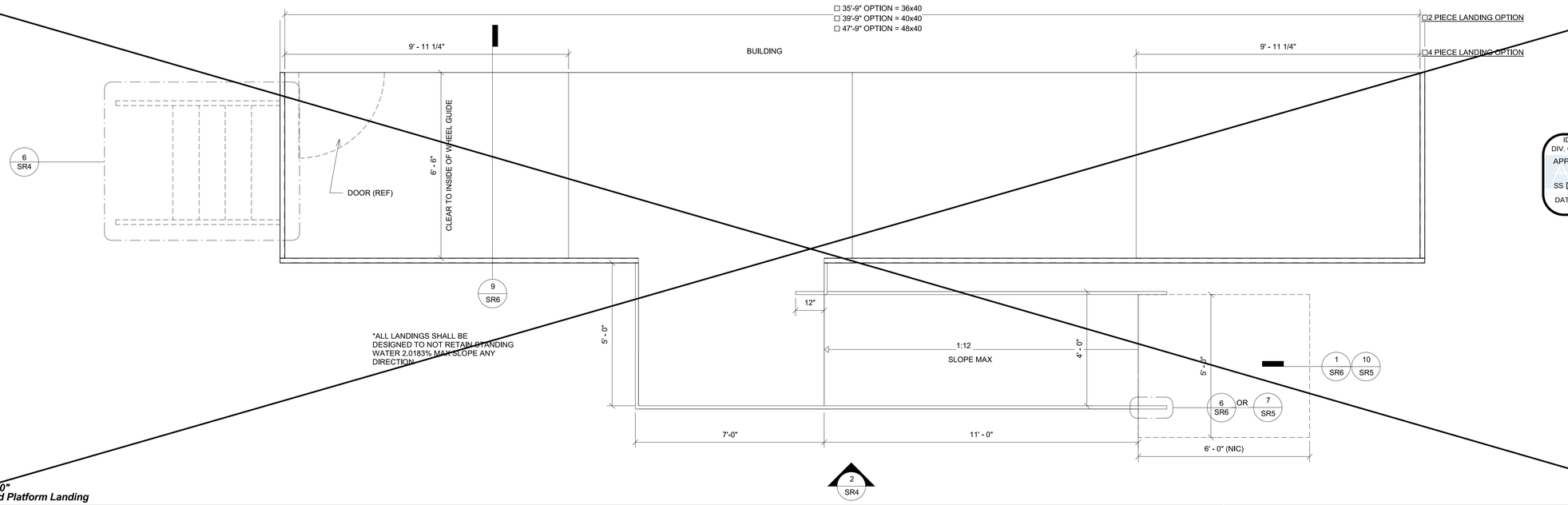


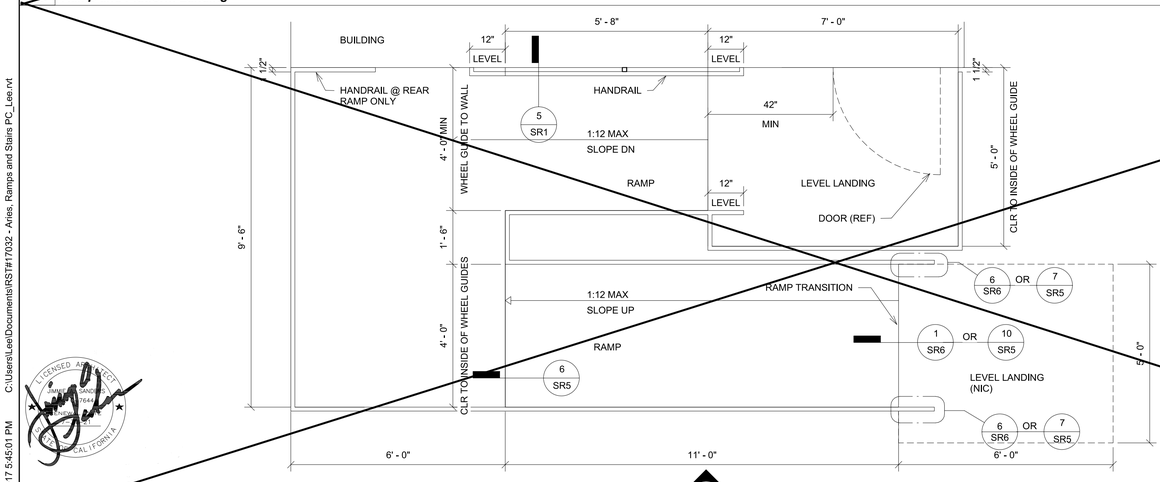
1 *1/2" = 1'-0"*
Ramp & Landing @ Building



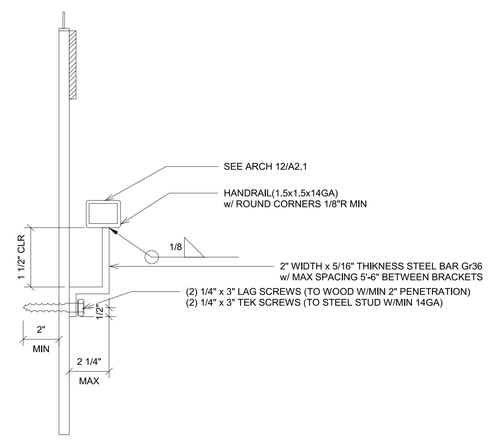
2 *1/2" = 1'-0"*
Ramp & Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp and Platform Landing



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp



5 *3" = 1'-0"*
Handdrail

TAVARES ASSOCIATES
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11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCISCO C-43804 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

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PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Plan

PROJECT NUMBER
17016A

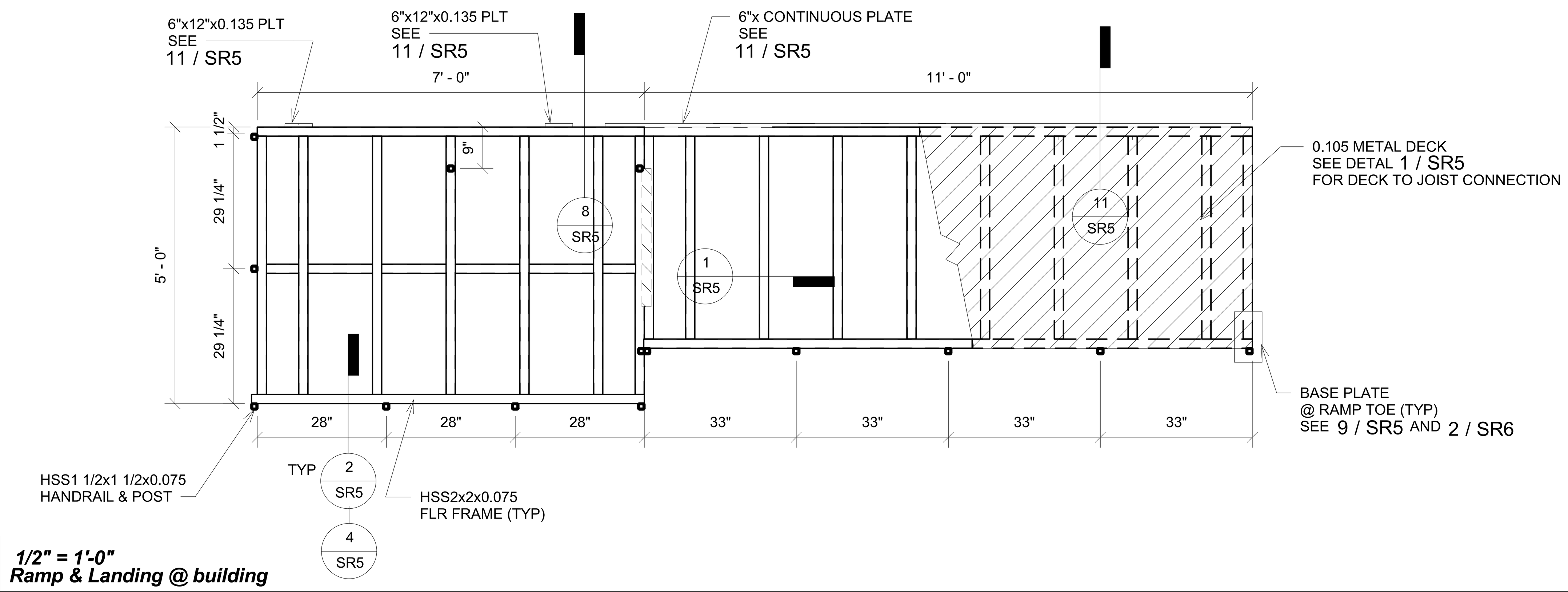
DRAWN BY
SM

CHECKED BY
rMc

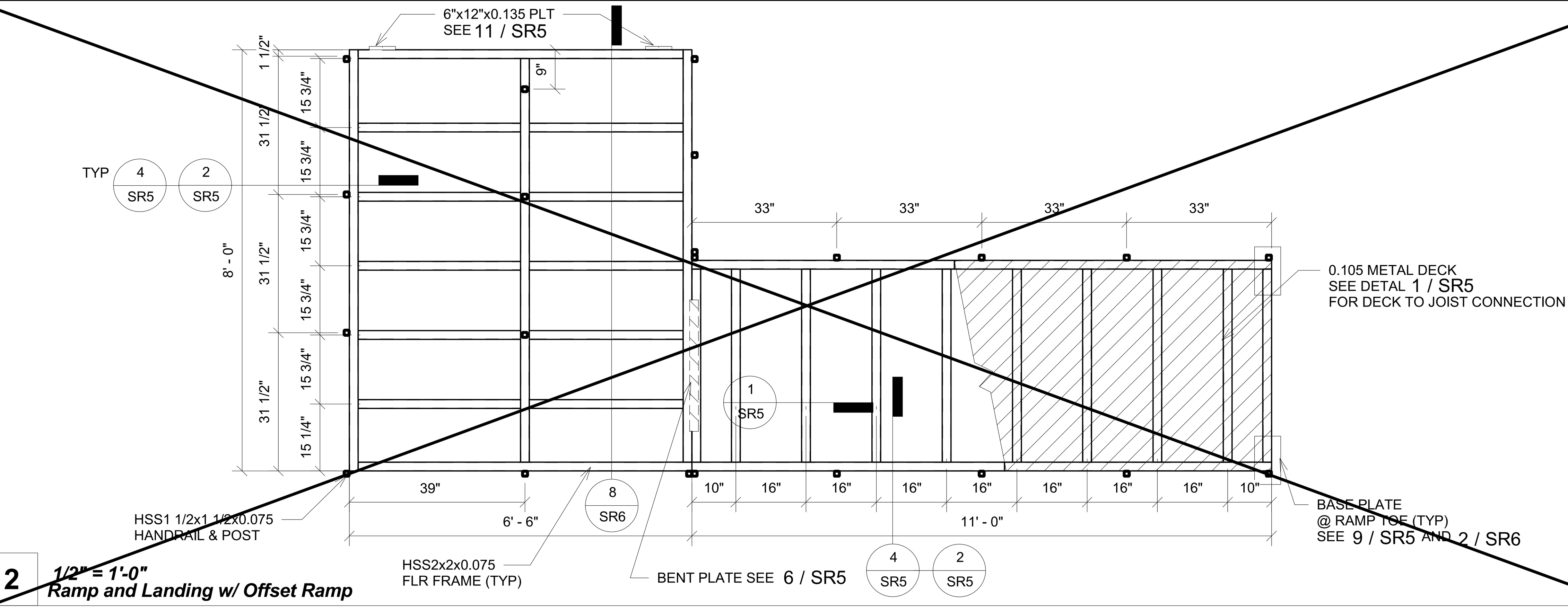
DATE
05/04/2017

SHEET NO.
SR1-1

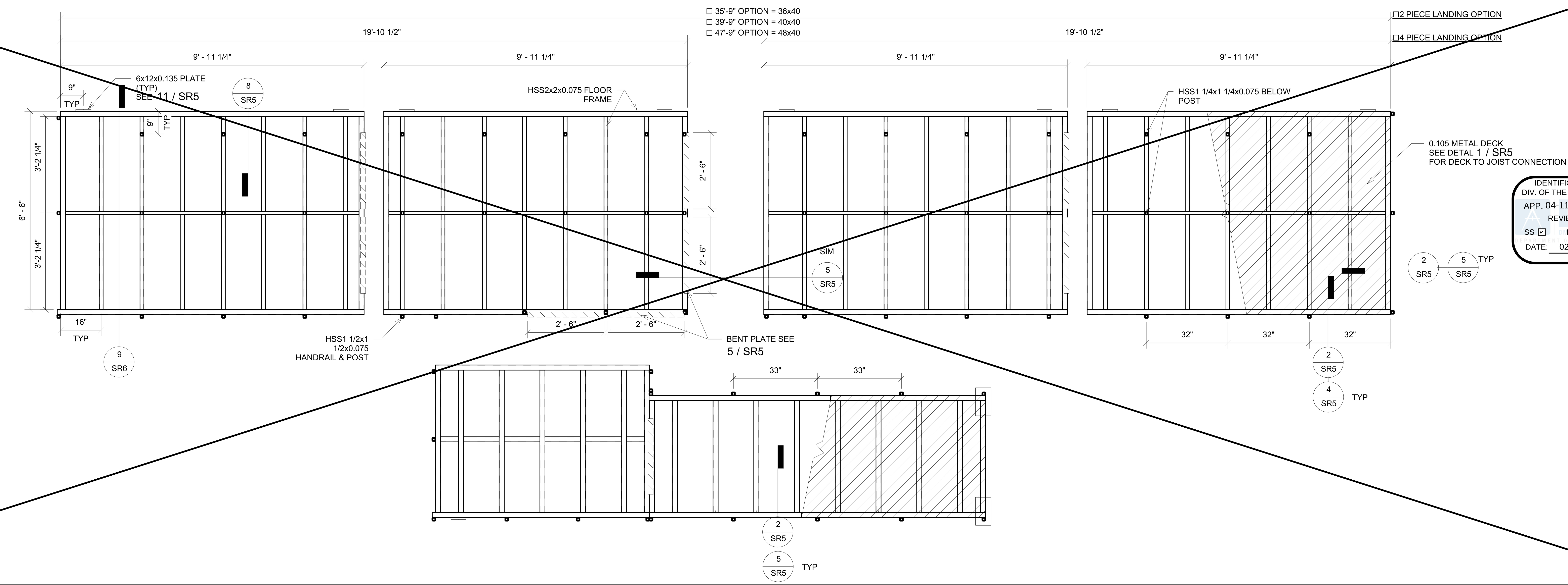
SHEET OF



1 1/2" = 1'-0"
Ramp & Landing @ building



2 1/2" = 1'-0"
Ramp and Landing w/ Offset Ramp



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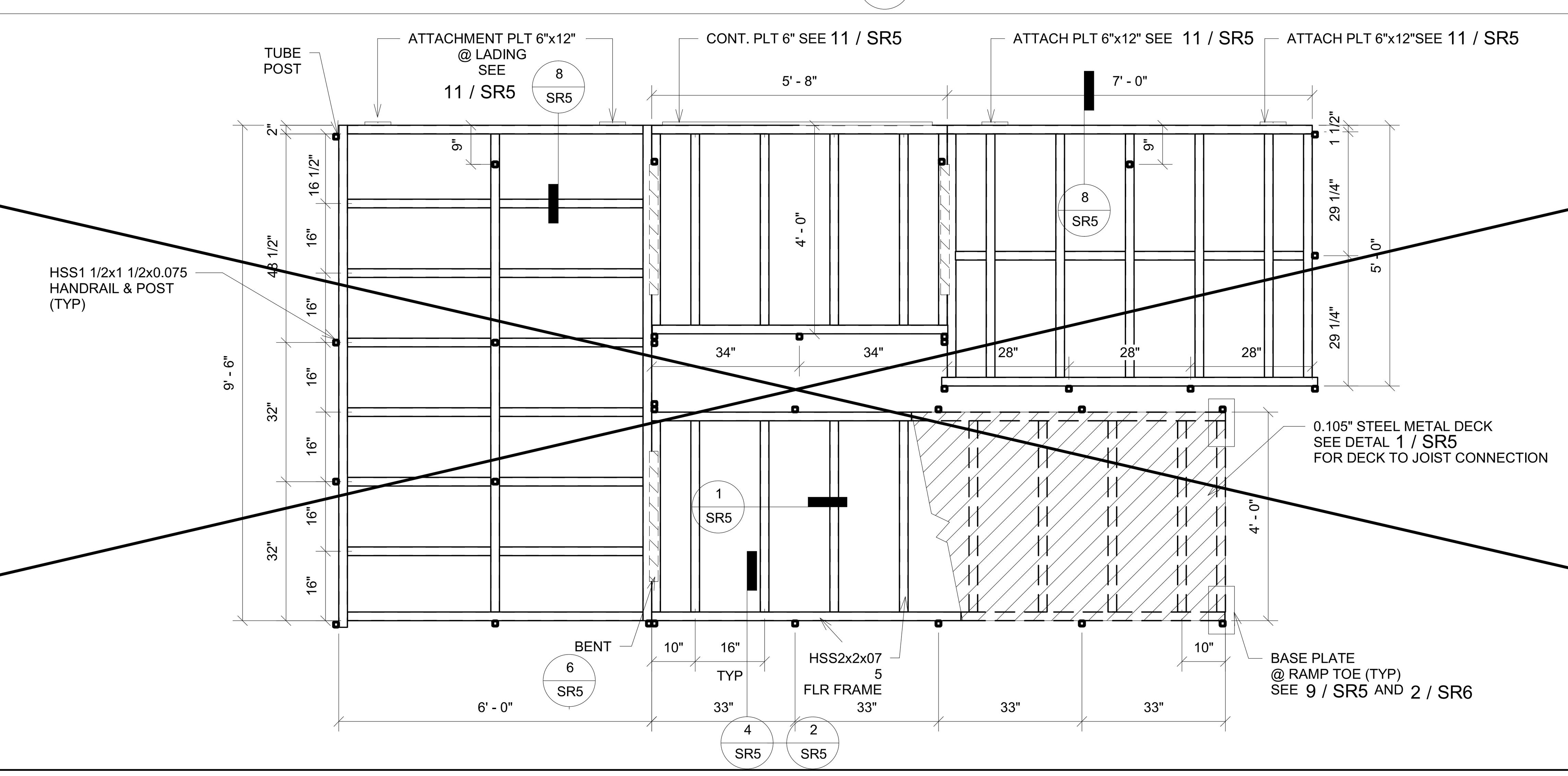
3 1/2" = 1'-0"
Ramp & Platform Landing Frame



4 1/2" = 1'-0"
Ramp & Landing w/ Switch Back Ramp

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11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

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12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

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FILE NUMBER: PC-128
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DIVISION OF THE STATE ARCHITECT
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Framing

PROJECT NUMBER
17016A

DRAWN BY
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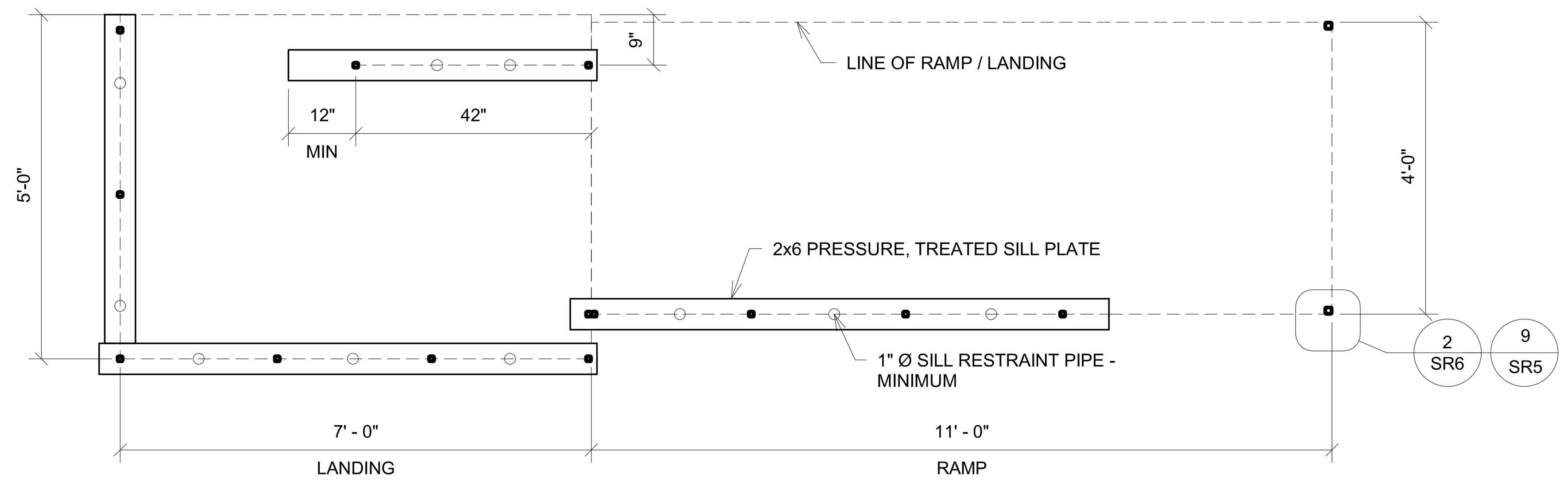
BR/rMc

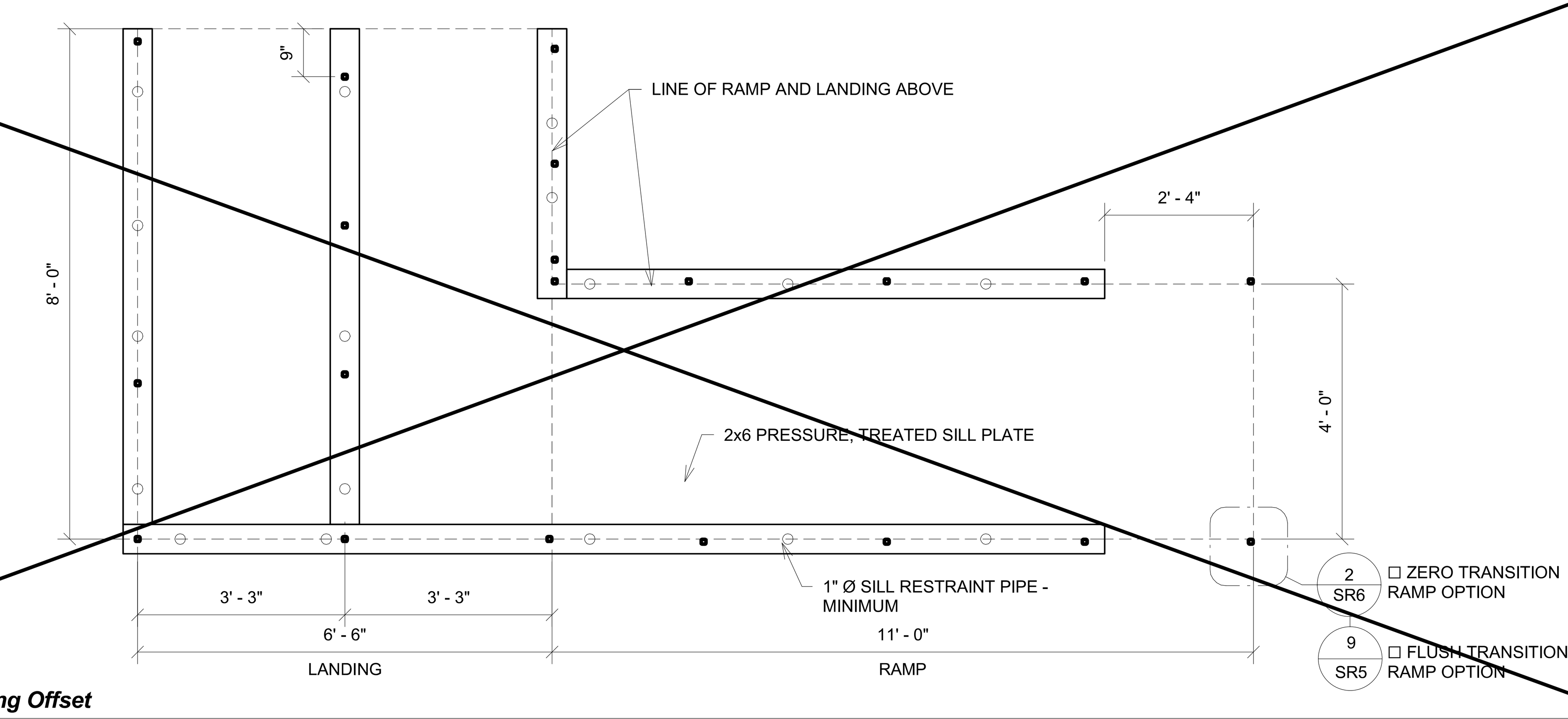
DATE
05/04/2017

SHEET NO.
SR2-1

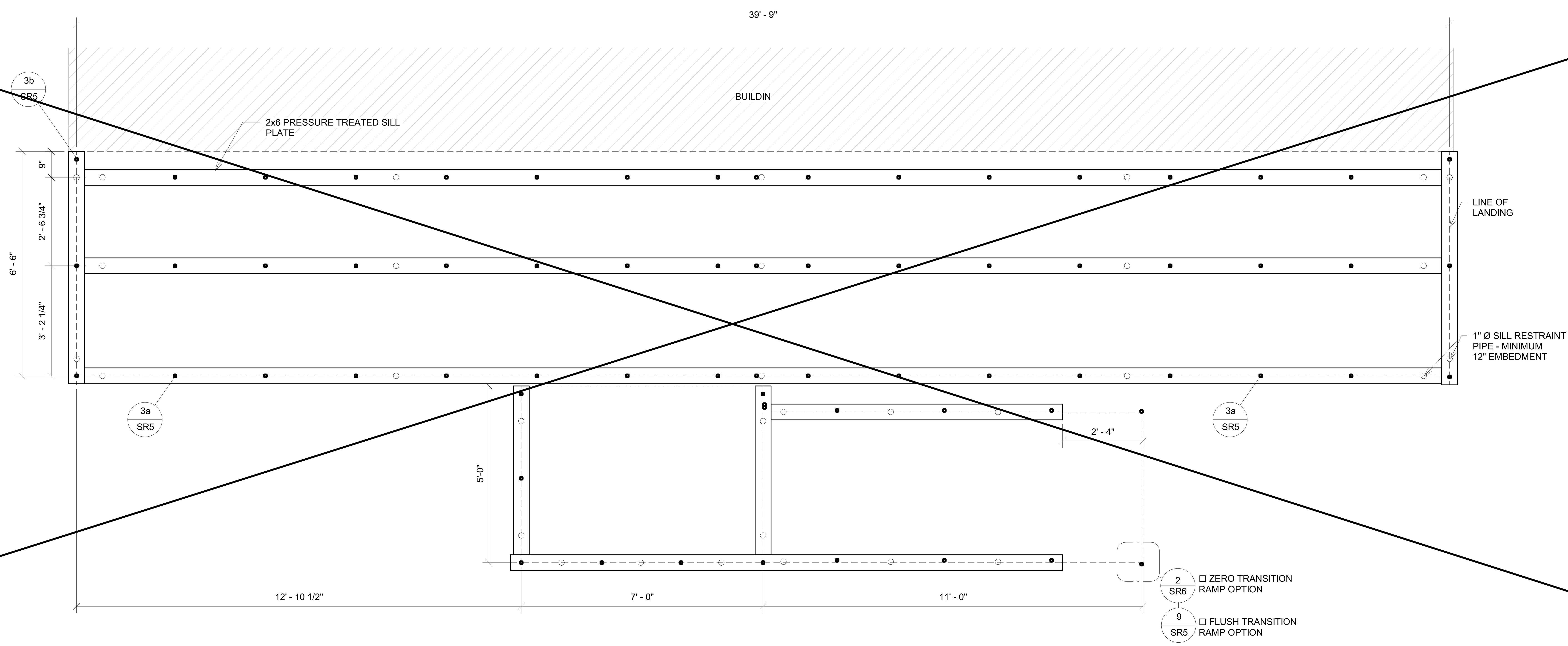
SHEET OF



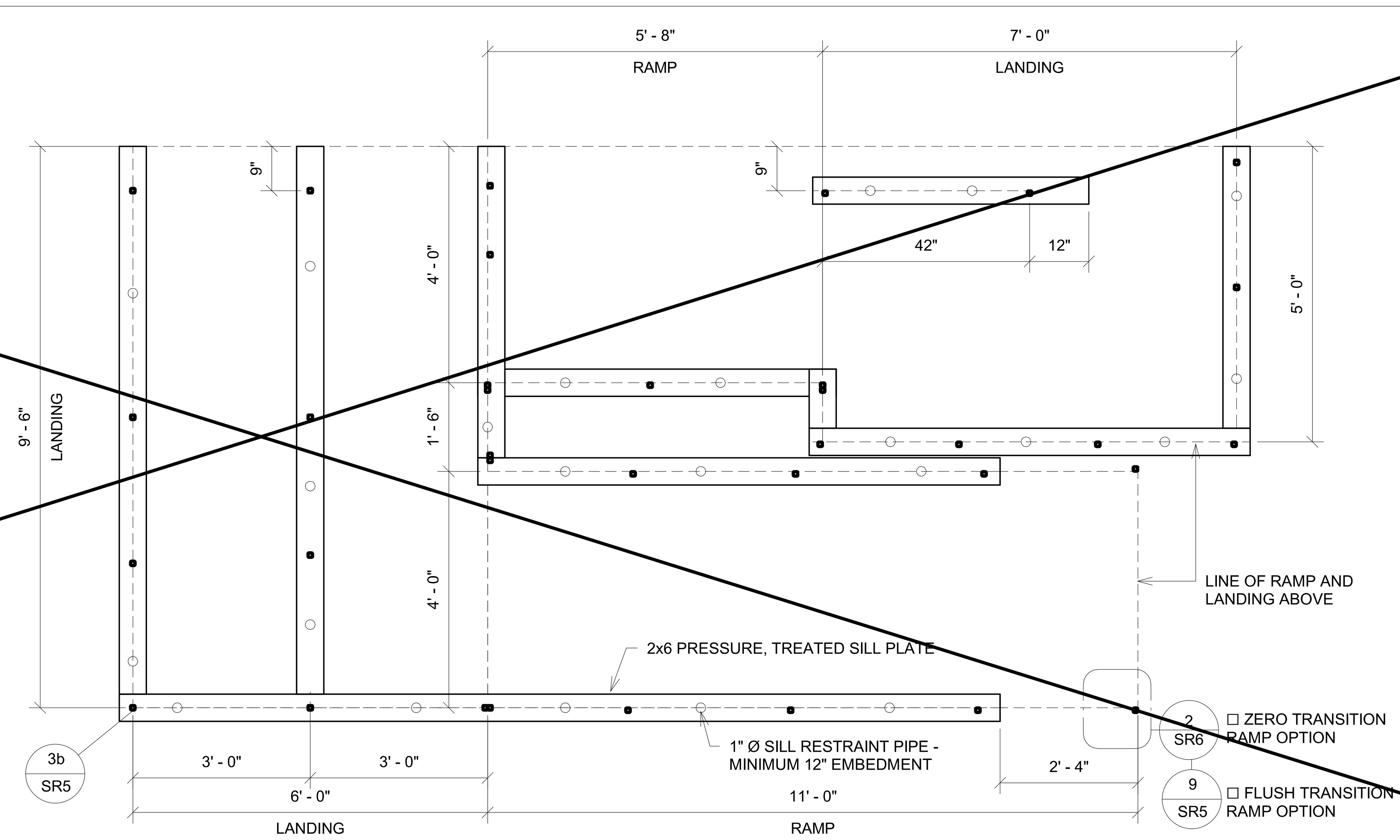
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

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11777 BERNARDO PLAZA COURT, SUITE 105
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REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCO S2380 STRUCTURAL STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

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FILE NUMBER: PC-128
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER 17016A
DRAWN BY SM
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DATE 05/04/2017
SHEET NO. SR3-1
SHEET OF

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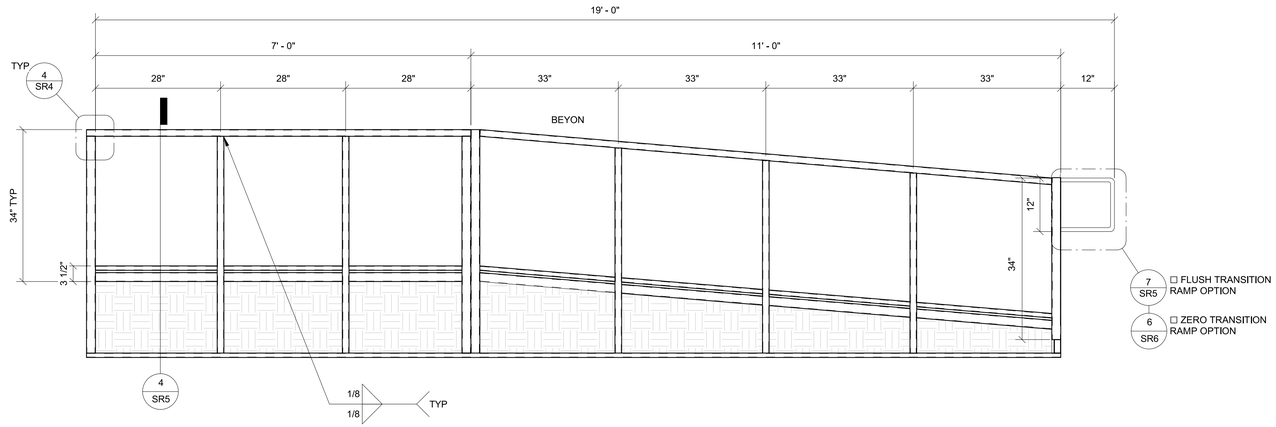
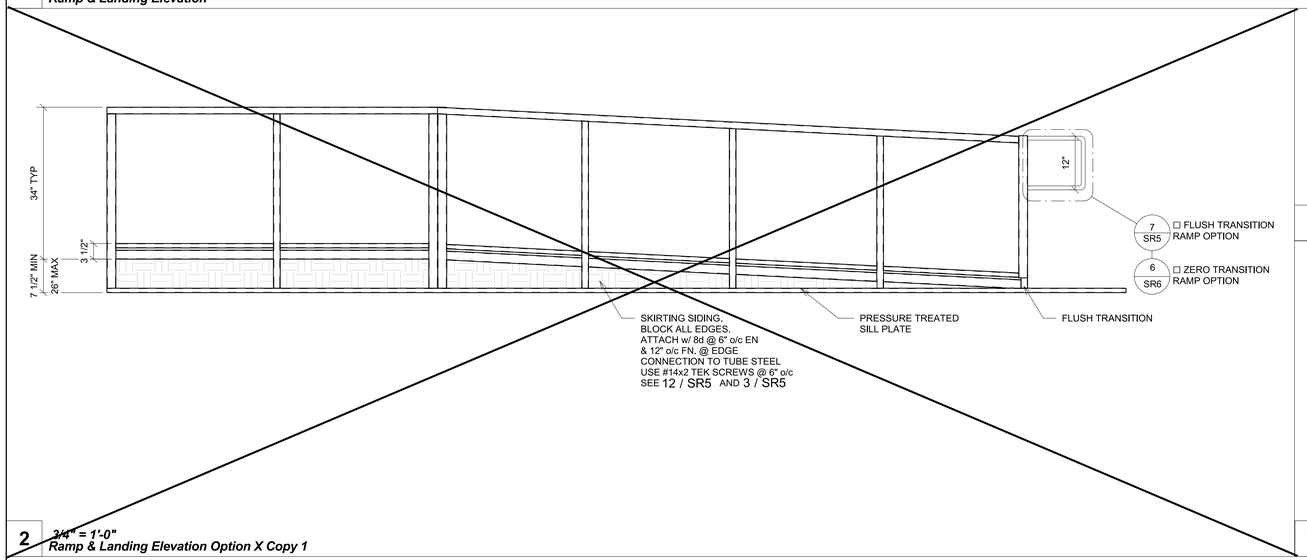
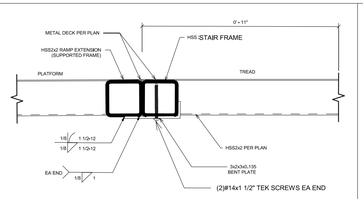


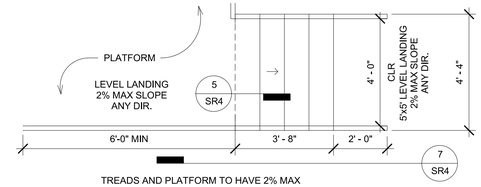
1 ***3/4" = 1'-0"***
Ramp & Landing Elevation



2 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X Copy 1

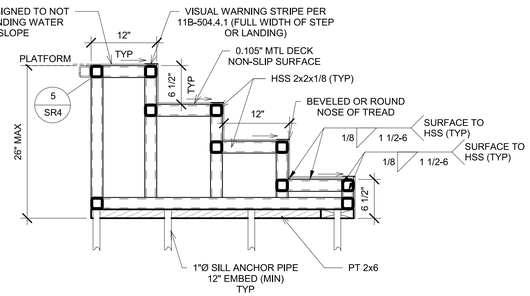


5 ***3" = 1'-0"***
Conn @ Platform

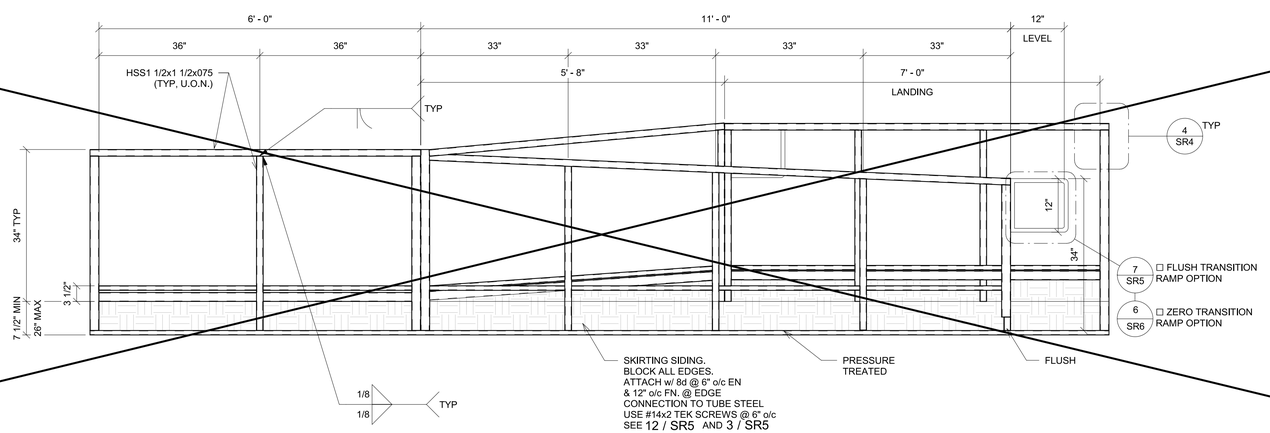


TREADS AND PLATFORM TO HAVE 2% MAX
TO ALLOW FOR DRAINAGE

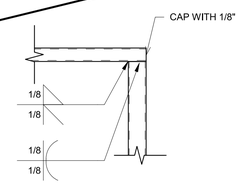
6 ***3/8" = 1'-0"***
Stair



7 ***1" = 1'-0"***
Stair Elev



3 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X



4 ***1 1/2" = 1'-0"***
Ramp & Landing Elevation Option X1 - Callout 1

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 108
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCIS
No. S-2380
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

DRAWN BY
SM

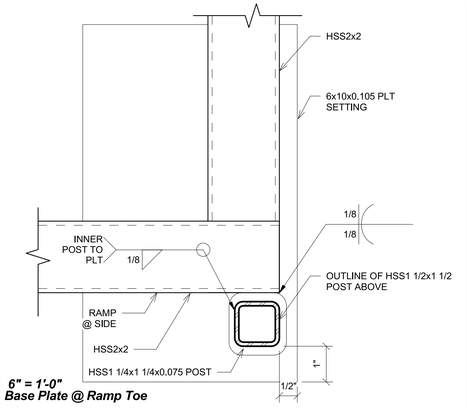
CHECKED BY
rMc

DATE
05/04/2017

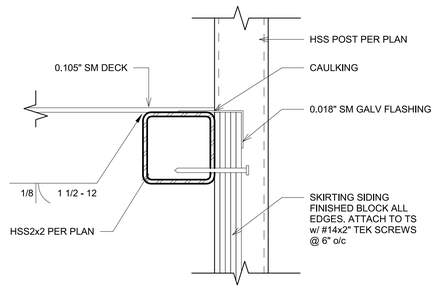
SHEET NO.
SR4-1

SHEET OF

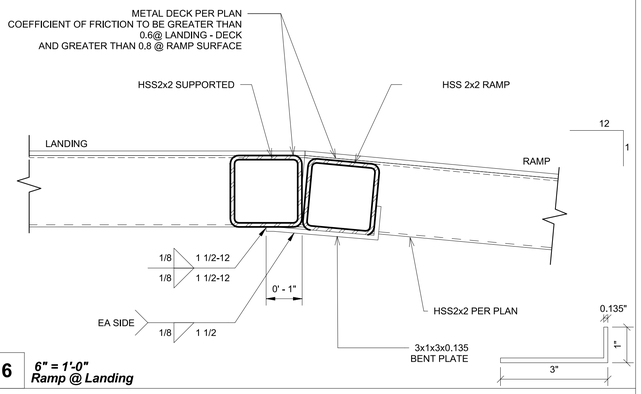
12/18/2017 6:19:03 PM C:\Users\Lee\Documents\RS\#17032 - Aries, Ramps and Stairs PC_Lee.rvt



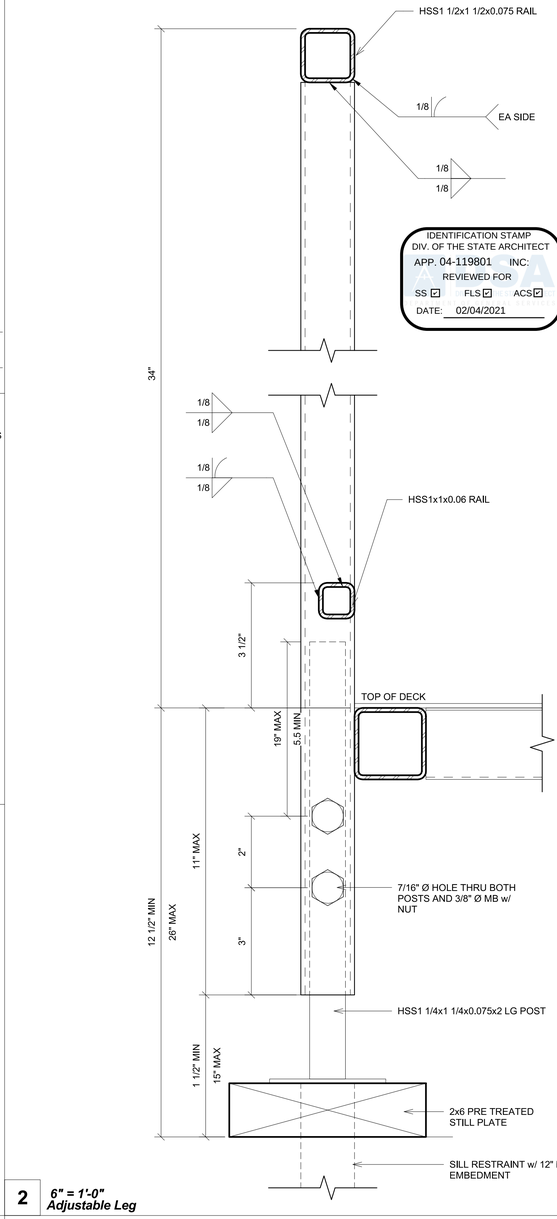
9 *6" = 1'-0"*
Base Plate @ Ramp Toe



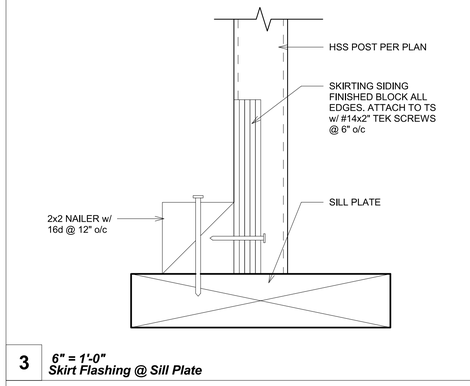
12 *6" = 1'-0"*
Skirt Flashing



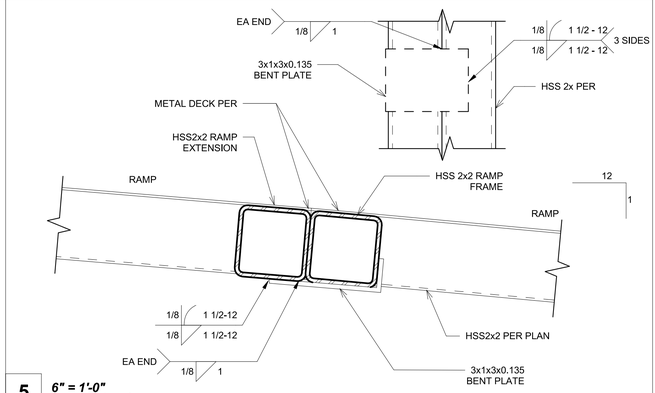
6 *6" = 1'-0"*
Ramp @ Landing



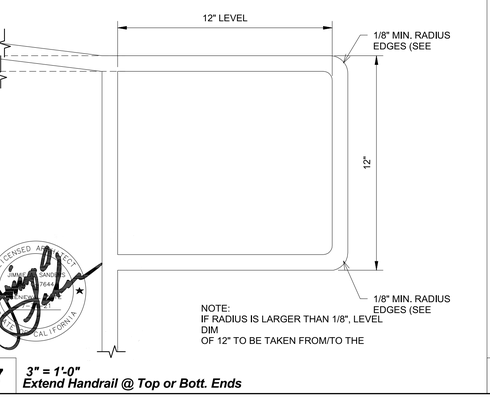
2 *6" = 1'-0"*
Adjustable Leg



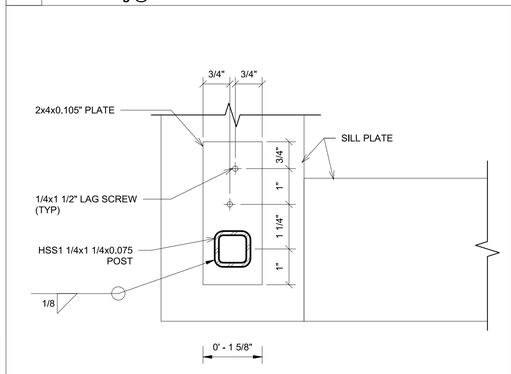
3 *6" = 1'-0"*
Skirt Flashing @ Sill Plate



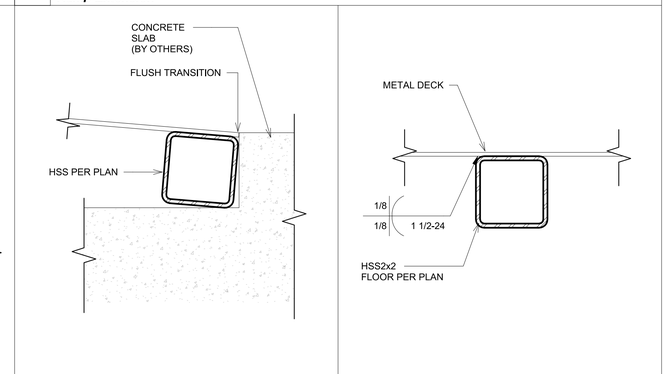
5 *6" = 1'-0"*
Ramp Extension



8 *6" = 1'-0"*
Interior Landing Leg Section



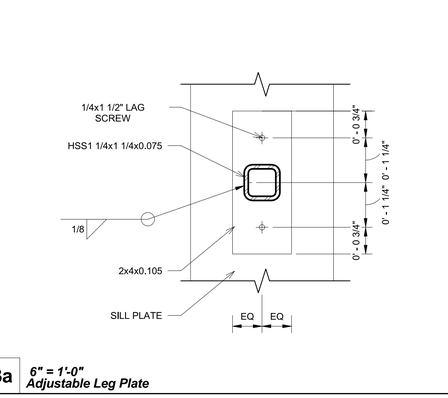
3b *6" = 1'-0"*
Adjustable Leg Base Plate



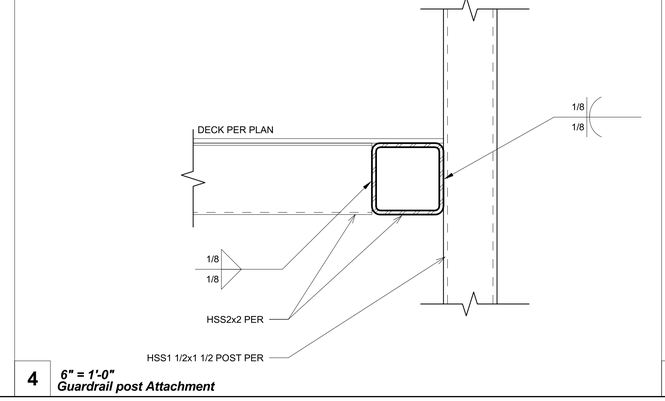
10 *6" = 1'-0"*
Flush Transition @ Bottom of Ramp

1 *6" = 1'-0"*
Deck to Frame

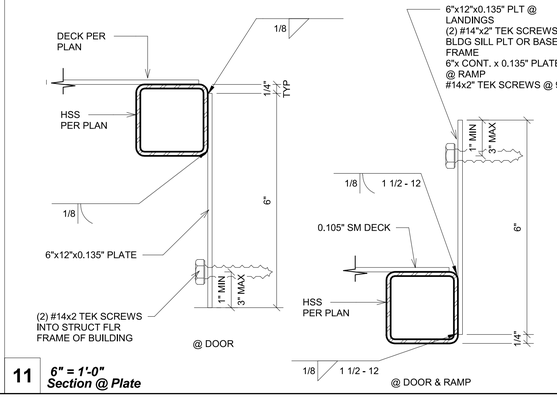
7 *3" = 1'-0"*
Extend Handrail @ Top or Bott. Ends



3a *6" = 1'-0"*
Adjustable Leg Plate



4 *6" = 1'-0"*
Guardrail post Attachment



11 *6" = 1'-0"*
Section @ Plate

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCIS C64380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR RER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp Details

PROJECT NUMBER 17016A

DRAWN BY SM

CHECKED BY rMc

DATE 05/04/2017

SHEET NO. SR5-1

SHEET OF

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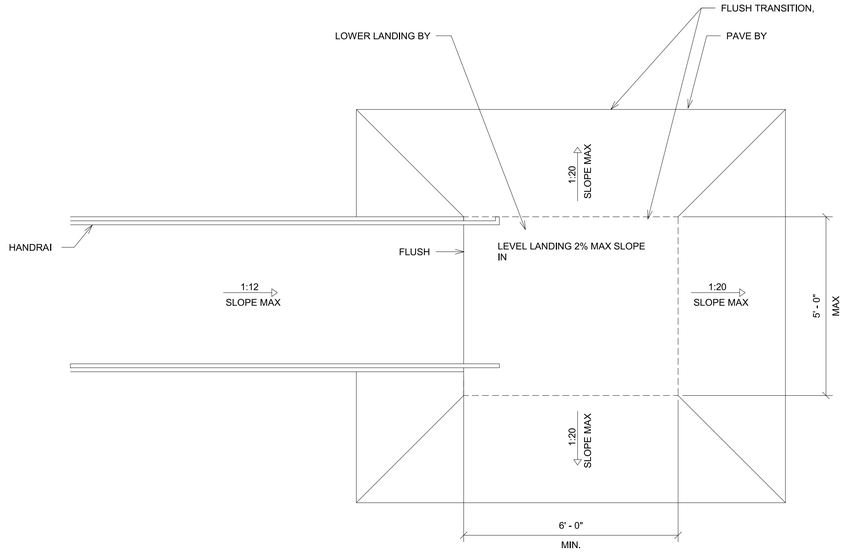
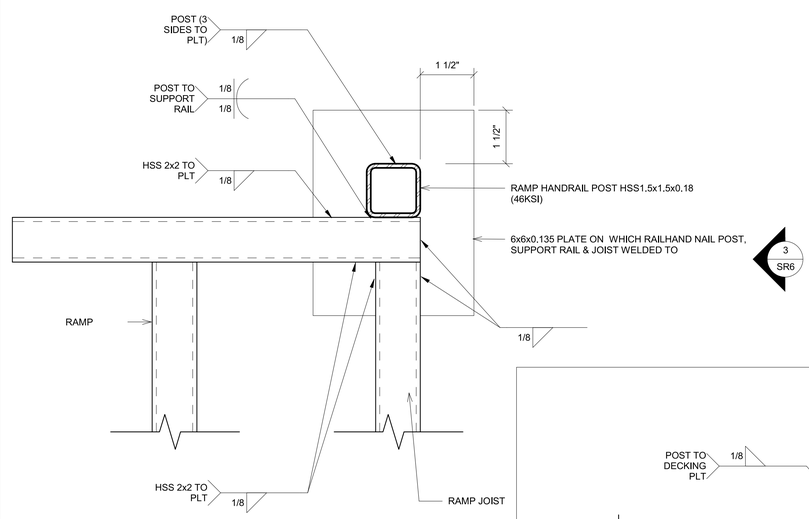
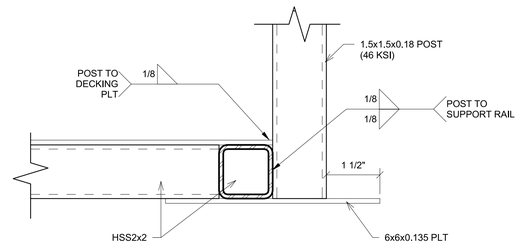


NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

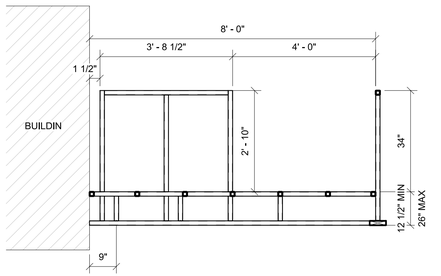
7 *1/2" = 1'-0"*
Ramp Transition



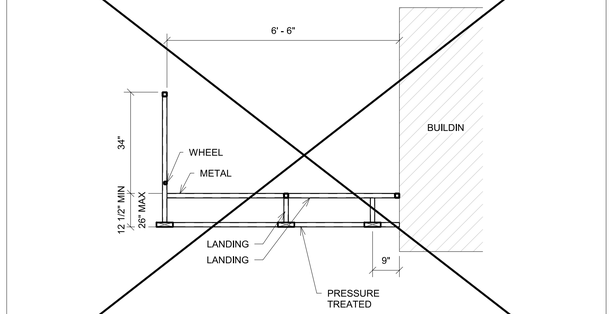
2 *6" = 1'-0"*
Base Plt @ Ramp Toe For Zero Transition



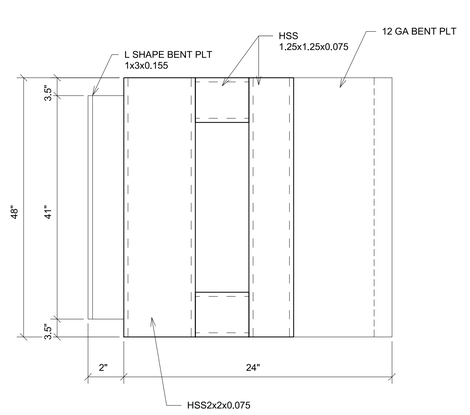
3 *6" = 1'-0"*
Base Plt @ Ramp Toe Low Zero Side View



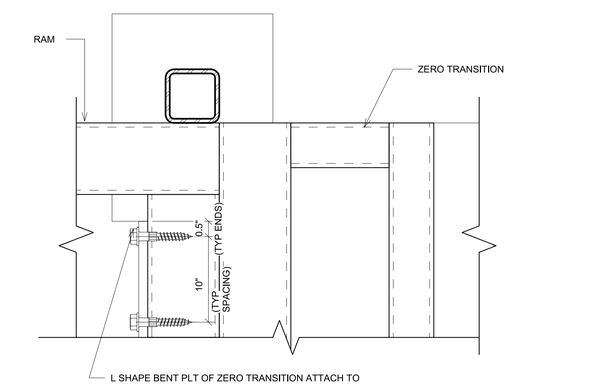
8 *1/2" = 1'-0"*
Section @ Landing



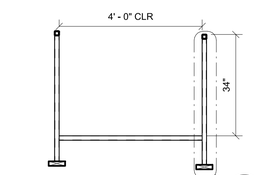
9 *1/2" = 1'-0"*
Section @ Landing Copy 1



4 *6" = 1'-0"*
Top View Ramp Zero Transition

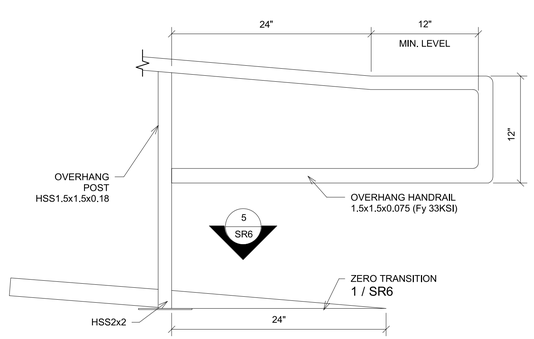


5 *6" = 1'-0"*
Zero Transition Ramp Connection



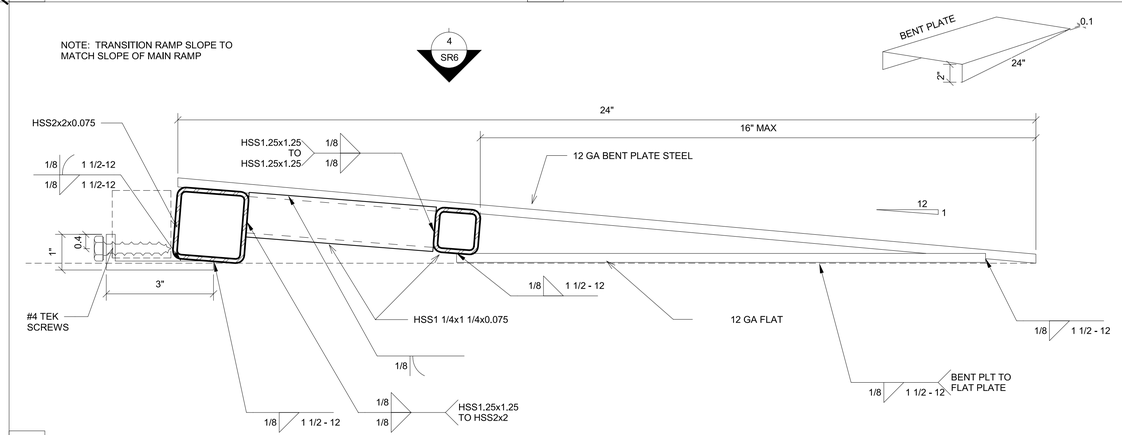
10 *1/2" = 1'-0"*
Section @ Ramp

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



6 *1 1/2" = 1'-0"*
Extend Handrail @ Bottom End For Zero Transition Ramp

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



1 *6" = 1'-0"*
Zero Transition Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCIS No. S-4380 STRUCTURAL STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-1

SHEET OF

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AURORA

RELOCATABLE CLASSROOM BUILDINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

24 x 40 STOCKPILE FOR ONE HUNDRED (100) RELOCATABLE BUILDINGS

IMPERIAL COLLEGE

(1) 24X40 CLASSROOMS (RH)
S/N: 30194-95

SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING / STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR; CLASS 3

DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION: IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH THE 1994 EDITION OF THE CALIFORNIA BUILDING CODE, CCR TITLE 24, PART 2 (CBC) AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1; LATEST REVISIONS (MODIFICATIONS TO THE 1994 UNIFORM BUILDING CODE (UBC), UBC STANDARDS AND UBC RECOGNIZED STANDARDS. - NOTE: ALL UBC RECOGNIZED STANDARDS AS APPLICABLE ARE REQUIRED FOR THIS PROJECT). ALSO REFER TO THE DIVISION OF THE STATE ARCHITECT - STRUCTURAL SAFETY SECTION "INTERPRETATIONS OF REGULATIONS". SEE ESPECIALLY 1929-4. THESE STRUCTURES ARE DESIGNED PER THE MODIFIED REQUIREMENTS TEMPORARY FOUNDATIONS (I.N.O.).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE SHORING AND BRACING DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH APPLICABLE SAFETY REGULATIONS.
3. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
4. TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
5. WHERE THESE GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE SPECIFICATIONS, THESE GENERAL NOTES AND TYPICAL DETAILS SHALL GOVERN.
6. ALL ELEVATIONS ARE REFERENCE FROM TOP OF FINISH FIRST FLOOR ELEVATION =0'-0"
7. PROVIDE INSPECTIONS, TEST AND REPORTS IN ACCORDANCE WITH THE CCR TITLE 24, PART 2 AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1.
8. IN ADDITION TO CONTINUOUS PROJECT INSPECTION, THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED, AS A MINIMUM:
   A. INSPECTION OF ALL WELDING FOR STRUCTURAL STEEL, PER TITLE 24, PART 2, SECTION 2212A.5.
   B. INSPECTION FOR CONCRETE AND CONCRETE REINFORCEMENT PLACEMENT, PER TITLE 24, PART 1, CHAPTER 4, GROUP 1 AND TITLE 24, PART 2, SECTION 1701A.
9. ALL REQUIRED INSPECTIONS AND TEST ARE THE RESPONSIBILTY OF THE OWNER. ALL INSPECTORS SHALL PROVIDE REPORTS AS REQUIRED BY THE TITLE 24, PART 1, CHAPTER 4, GROUP 1
10. DIMENSIONS AND ELEVATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED AS AN AID IN INTERPRETING THE DRAWINGS ONLY. DRAWING SCALES GIVEN ARE APPROXIMATE- DO NOT SCALE PLANS OR DETAILS.
11. WHEN MODULE IS RELOCATED- DO NOT RE-INSTALL NAILS OR SCREWS IN EXISTING HOLES.
12. INSULATION-FIBERGLASS BATTS, R-19 IN ROOF, R-11 IN WALLS AND R-11 IN FLOOR; FLAME SPREAD- 0-25, SMOKE DEVELOPED, FUEL CONTRIBUTED- 0-450. (SEC. 707 1995 CBC)
13. ROOFING- THE ROOFING SHALL COMPLY ACCORDING TO TABLE 15-A, 1995 CBC
14. WHEN BUILDING REQUIRES PLUMBING-18" MIN. REQUIRED FROM BOTTOM OF STEEL TO TOP OF GRADE UNDER BUILDING.

GENERAL REQUIREMENTS

The ARCHITECT / ENGINEER in general resposible charge shall sign and seal all drawings and specifications.

Changes to the approved drawings and specifications shall be made by an addenda or a change order approved by the Department of The State Architect as required by Section 4-338, Part 1, Title 24, CCR.

All work shall conform to Title 24, California Code of Requirements (CCR)

A project inspector employed by the district (owner) and approved by the Department of the State Architect, shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR.

An inspector who is specially qualified in mechanical and electrical work will be required for this project.

Grading plans, drainage improvements, road and access requirements and enviromental health considerations shall comply with all local ordinances.

FIRE ALARM NOTES

FIRE ALARM SYSTEM REQUIREMENTS

Note: Location of building to comply with chapter 5 - provision for site. Adjacent buildings property lines, exterior walls and openings. Allowable square footage not to exceed CBC 305.3 provision of access to public street by 20 feet unobstructed right of way.

The submittal shall be per D.S.A. policy #95-03.

In fire alarm submittal, an audible and manual component shall be within maximum distance on site, placement of building may require these components

Fire alarm system shall comply with 1994 UBC w/ 1997 amendments sec. 305 & NFPA 72 1993 edition and part 3. Article 760 California Code of Regulations.

Specify type of system which is being installed in accordance with the above provisions.

Provide floor plan(s) showing locations of all components and a riser diagram Plans shall provided by architect or responsible person in charge. Not by portable building manufacturer.

Provide State Fire Marshall listing numbers and manufacturer's numbers for every fire alarm system component.

Provide battery calculations.

Emergency warning devices are required for the hearing impaired per Sec. 3504.1 (a)

Connect fire alarm into existing fire alarm system. All wiring shall be part of site provision.

Audible shall comply with California and Educational Code for audible signal per T-24 part 9 California Fire Code.

Portable building manufactuer shall provide junction box and empty conduit with pull string for fire alarm. School district will provide their own fire alarm system under their DSA project.

NFPA 13- Automatic Sprinkler Systems,	1996 Edition
NFPA 14- Standpipes Systems,	1993 Edition
NFPA 17A- Wet Chemical Systems,	1990 Edition
NFPA 24- Private Fire Mains,	1992 Edition
(California Amended) NFPA 72- National Fire Alarm Codes,	1996 Edition
NFPA 253- Critical Radiant Flux of Floor Covering Systems,	1994 Edition
NFPA 2001- Clean Agent Fire Extinguishing Systems,	1994 Edition

APPLICABLE CODES

1998 Bulding Standards Administrative Code, Part 1, Title 24 C.C.R.
1998 California Building Code (CBC), Part 2, Title 24 C.C.R. (1997 Uniform Building Code volumns 1-3 and 1998 California Amendments)
1998 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (1996 National Electrical Code and 1998 California Amendments)
1998 California Mechanical Code (CMC), Part 4, Title 24 C.C.R., (1994 Uniform Mechanical Code and 1998 California Amendments)
1998 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.; (1994 Uniform Plumbing Code and 1998 California Amendments)
1998 California Fire Code (CFC), Part 9, Title 24 C.C.R.; (1994 Uniform Fire Code and 1998 California Aendments)
1998 California Referenced Standards Code, Part 12, Title 24 C.C.R.
1990 Title 19, CCR, Public Safety, state Fire Marshall Regulations

BLDG. DATA (50 LBS STANDARD)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C' AS SHOWN
~~WIND LOAD~~	~~80 m.p.h. EXPOSURE 'C' AS NOTED~~
FLOOR LIVE LOAD	50 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM:	RIGID FRAME
MODULES:	TWO 12'x 40'
~~MODULES:~~	~~THREE 12'x 40'~~
~~MODULES:~~	~~FOUR 12'x 40'~~
FOUNDATION:	WOOD
~~FOUNDATION:~~	~~CONCRETE~~
~~FOUNDATION:~~	~~FLUSH W/ GRADE CONCRETE~~
BUILDING DATA	960 sq. ft. (24x40)
~~BUILDING DATA~~	~~1440 sq. ft. (36x40)~~
~~BUILDING DATA~~	~~1920 sq. ft. (48x40)~~

BLDG. DATA (50 PSF+20 LBS PARTITIONS OPTION)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C' AS SHOWN
WIND LOAD	80 m.p.h. EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD	50 lbs/sq. ft. + 20 LBS. PARTITIONS
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM:	RIGID FRAME
MODULES:	TWO 12'x 40'
MODULES:	THREE 12'x 40'
MODULES:	FOUR 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE
BUILDING DATA	960 sq. ft. (24x40)
BUILDING DATA	1440 sq. ft. (36x40)
BUILDING DATA	1920 sq. ft. (48x40)

BLDG. DATA (125 PSF OPTION)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C' AS SHOWN
WIND LOAD	80 m.p.h. EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD	125 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM:	RIGID FRAME
MODULES:	TWO 12'x 40'
MODULES:	THREE 12'x 40'
MODULES:	FOUR 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE
BUILDING DATA	960 sq. ft. (24x40)
BUILDING DATA	1440 sq. ft. (36x40)
BUILDING DATA	1920 sq. ft. (48x40)

SYMBOLS LIST

KEYNOTES
DOOR No.
WINDOW TYPE
DETAIL # / SHEET #
ELEVATION # / SHEET #

SHEET INDEX

CBC 1998
PC

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
DATE NOV 1 6 2000
ACS: D. FRIXLESON

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 0274
DATE NOV 1 6 2000
ACP: D. FRIXLESON

STRUCT. ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Krameria Ave., Riverside, CA 92504
Phone (909) 789-7196
Fax (909) 789-0263

RELOCATABLE BUILDING FOR:
STOCKPILE
WILLIAMS / SCOTSMAN

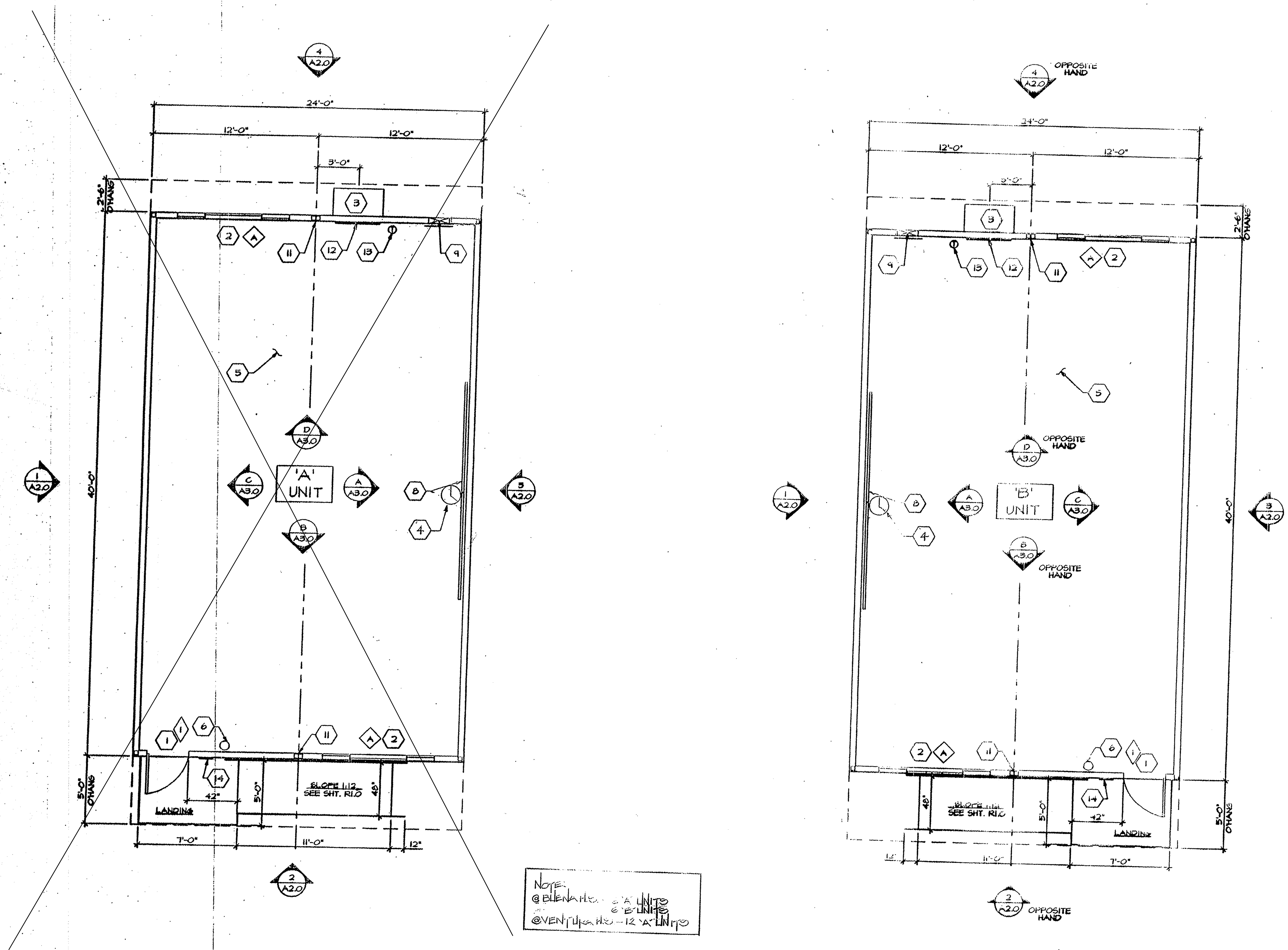
COVER SHEET, SHEET INDEX, BUILDING DATA

BY: AH DATE: 10-11-00

SHEET
0-2

4504
CAD FILE NO. PC253-0.DWG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



FLOOR PLANS (24x40)

SCALE: 1/4" = 1'-0"

CBC 1998

PC

KEYNOTES

1 EXTERIOR DOOR- SEE SHEET 4.1
2 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1
3 WALL MOUNTED ELECTRIC HEAT PUMP, SEE SHEET
4 WALL CLOCK, SEE SHEET E1.0
5 FINISH FLOORING- SEE SHEET 4.1
6 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL WITH 2A-10B-C UL RATING. F.E. HANDLE @ 48" A.F.F.
7 NOT USED.
8 MARKERBOARD - SEE SHEET 4.1
9 ELECTRICAL PANEL 'A'- SEE SHEET E1.0
10 26 GA. GUTTER AND DOWNSPOUT.
11 VINYL WRAPPED CLOSE-OFF BATT.
12 HVAC RETURN.
13 THERMOSTAT, SEE SHEET 1.0
14 ACCESS SIGN (SEE DETAIL 16 SHEET S3.0)

NOTE:
RAMPS NEEDED ACCORDINGLY TO SITE CONDITIONS. STANDARD RAMP DESIGN SHOWN FOR REFERENCE ONLY- SEE RAMP SHEETS FOR ALTERNATE RAMP DESIGN.

D.S.A.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
AC FLS SS
DATE JUN 29 1999

D.S.A.

NOV 16 200

STRUCT. ENGINEER

REGISTERED PROFESSIONAL ENGINEER
JAMES T. SHIPSON
No. 3602
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Kromerio Ave., Riverside, CA 92504
Phone (909) 789-7196
Fax (909) 789-0263

RELOCATABLE BUILDING FOR:
STOCKPILE
WILLIAMS / SCOTSMAN

FLOOR PLAN (24x40)

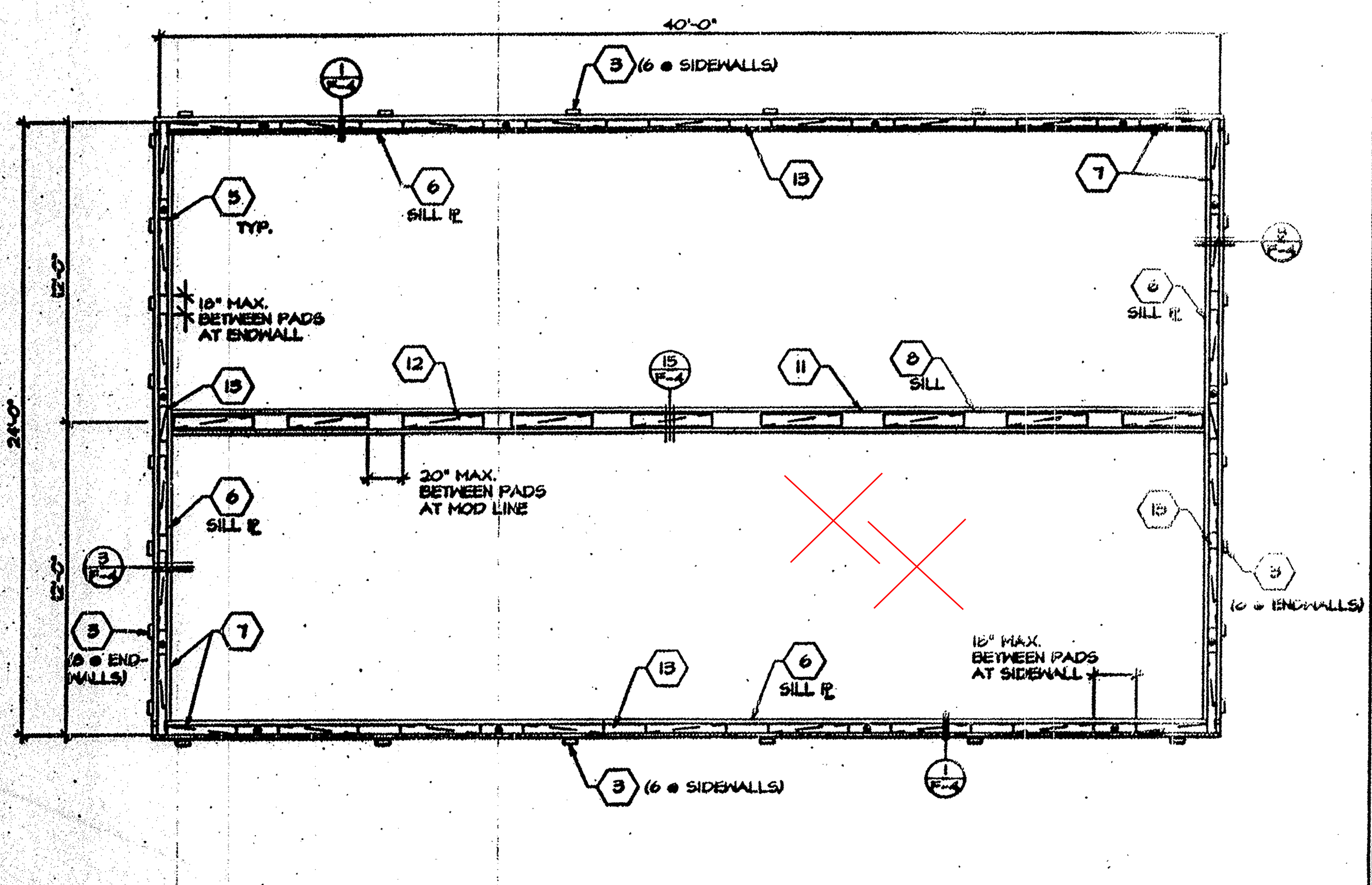
BY AH DATE 10-11-00

SHEET

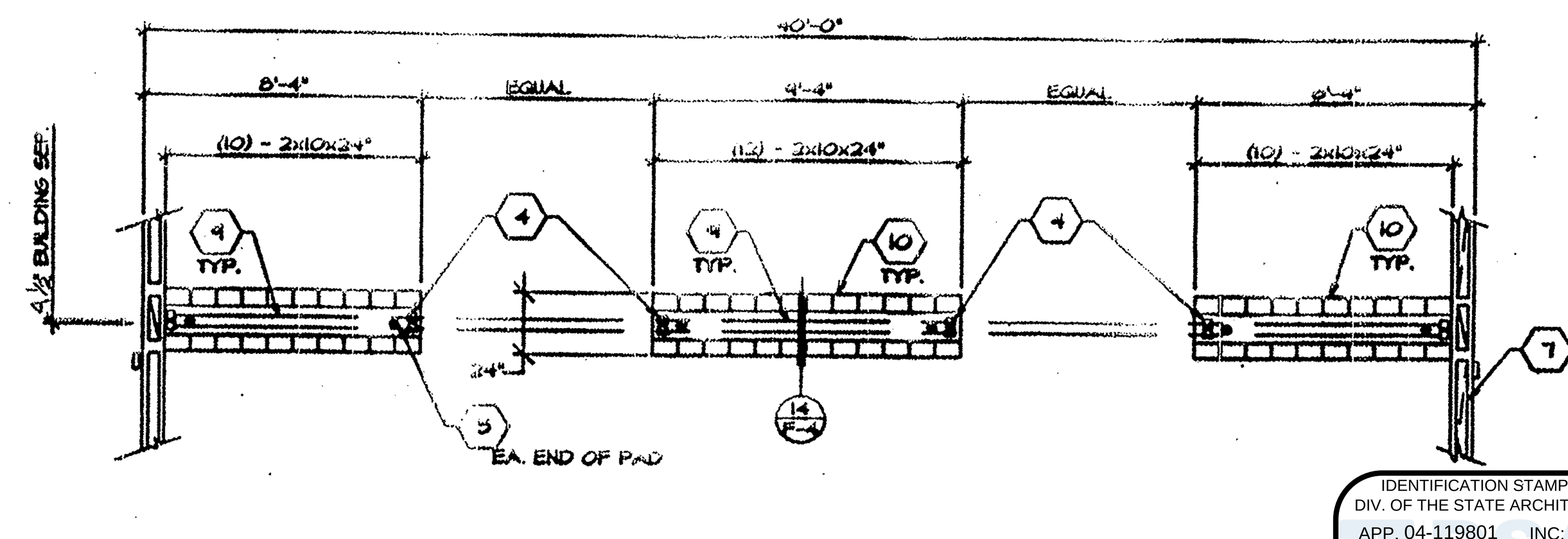
A1.0-2

4504

C.A.D. FILE NO.

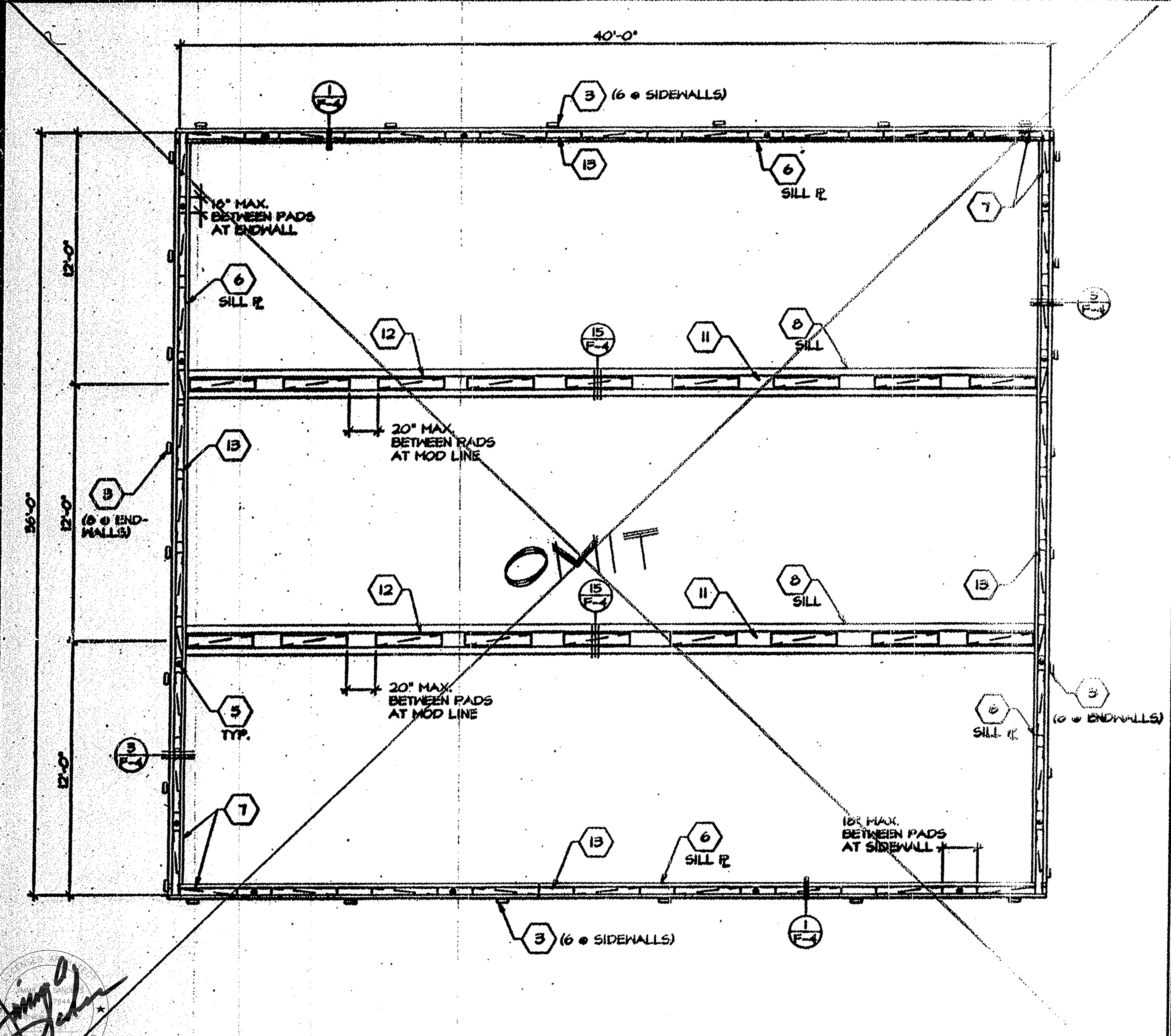


FOUNDATION PLAN (24x40)
SCALE: 1/4" = 1'-0" (50 PSF LIVE LOAD)

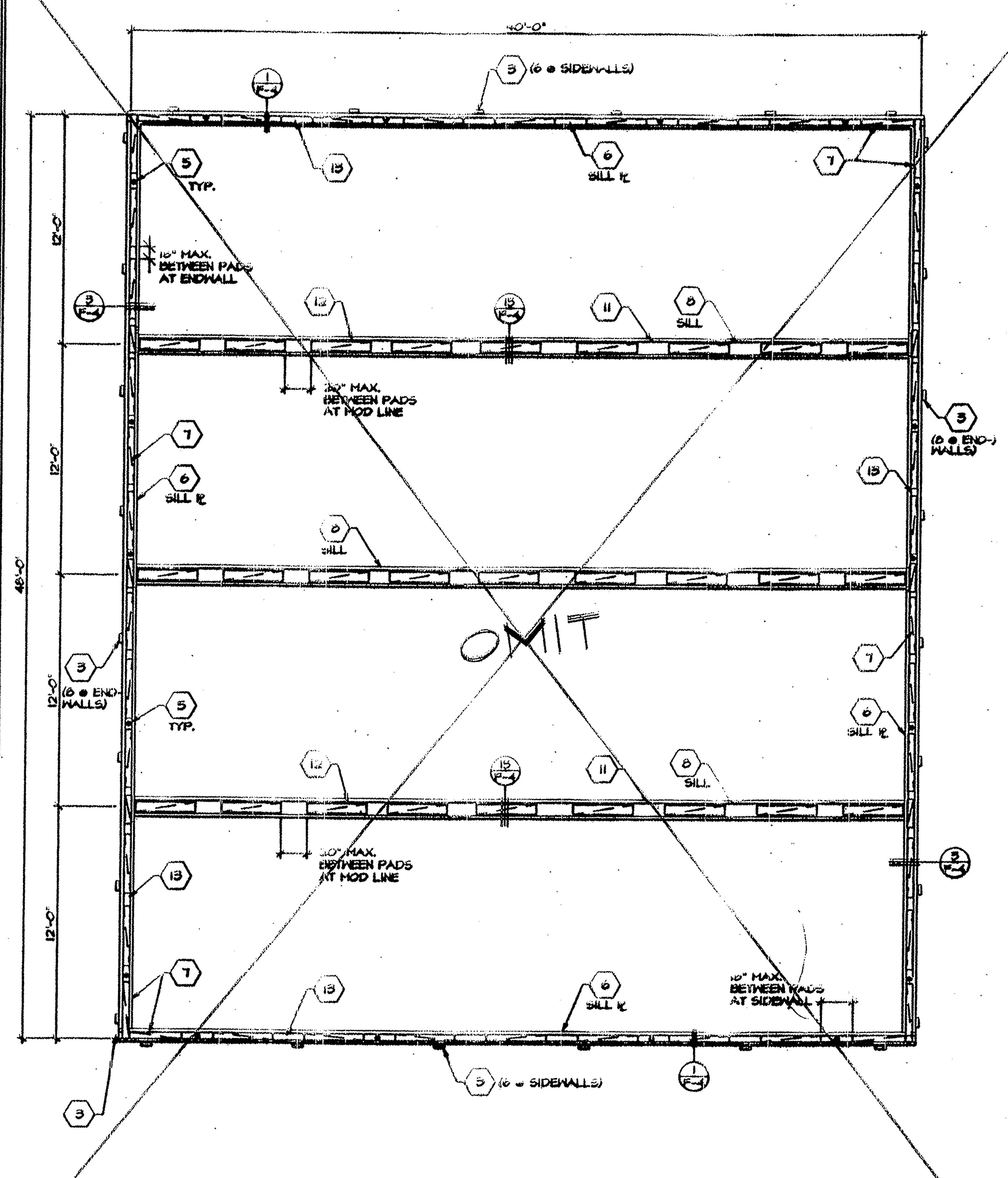


FOUNDATION PLAN @ ADJACENT BUILDING
SCALE: 1/4" = 1'-0" (50 PSF LIVE LOAD)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



FOUNDATION PLAN (36x40)
SCALE: 1/4" = 1'-0" (50 PSF LIVE LOAD)



FOUNDATION PLAN (48x40)
SCALE: 1/4" = 1'-0" (50 PSF LIVE LOAD)

CBC 1998

PC

KEYNOTES

1 MAXIMUM SOIL BEARING PRESSURE - 1000 P.S.F.

2 ALL FOUNDATION LUMBER SHALL BE HEM FIR #2
ALL LUMBER IN CONTACT WITH GRADE SHALL BE STAMPED "FOR GROUND CONTACT".

ALL FOUNDATION NAILS SHALL BE CORROSION RESISTANT PER U.B.C. STANDARD 25.17.17.

3 TIE PLATE - 12"x 6"x 10GA. PLATE W/ (8) 5/16" HOLES AS SHOWN FOR (4) 1/4"x 3/4" LONG SELF TAP SCREWS INTO CHANNEL & (4) 1/4"x 3" LAG BOLTS.

[illegible]
TO M.P.H.= 6 PLATES @ ENDWALLS AND 4 PLATES @ SIDEWALLS.

80 M.P.H.= 8 PLATES @ ENDWALLS AND 4 PLATES @ SIDEWALLS.

[illegible]
TO & 80 M.P.H.= 8 PLATES @ ENDWALLS AND 6 PLATES @ SIDEWALLS.

[illegible]
TO & 80 M.P.H.= 8 PLATES @ ENDWALLS AND 6 PLATES @ SIDEWALLS.

4 USE 6- 5/8" x4" LAGS @ EACH BLDG. & NAIL PLATE TO PLATE TO PLATE W/ 2- 16d BOX @ 4" O.C.

5 DRIVE 1" DIA. x 15" G.I. PIPE @ 10'-0" O.C. MAX. DRILL SILL PLATE 1-1/4" MAX. PIPE MAY BE DRIVEN AT MAX. 45 ANGLE TO VERTICAL. (6 EA. BLDG)

6 CONTINUOUS 2x8 P.T.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x4 BLOCK LOCATIONS.

7 2x4x 3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH 16d BOX NAILS @ 4" O.C. AND (2) 16d NAILS AT EACH END.

8 CONTINUOUS 2x12 P.T.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x8 BLOCK LOCATIONS.

9 [illegible]
TO & 80 M.P.H.= CONTINUOUS [illegible](SEE PLAN)- NAIL PLATE TO PLATE WITH (2) 16d BOX NAILS @ EACH END @ 6" O.C.

[illegible]
TO & 80 M.P.H.= CONTINUOUS [illegible](SEE PLAN)- NAIL PLATE TO PLATE WITH (2) 16d BOX NAILS @ EACH END @ 5" O.C.

[illegible]
TO & 80 M.P.H.= CONTINUOUS [illegible](SEE PLAN)- NAIL PLATE TO PLATE WITH (2) 16d BOX NAILS @ EACH END @ 4" O.C.

10 2x6x24" LONG SILL PADS. P.T.H.F.
(SEE PLAN FOR QUANTITY 10 AT ENDS AND 12 AT INTERIOR)

11 CONTINUOUS 2x6 H.F. PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x6 BLOCK LOCATIONS.

12 2x6x 3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH 16d BOX NAILS @ 4" O.C. AND (2) 16d NAILS AT EACH END.

13 2x4x CONTINUOUS INTERNAIL TO EACH PAD WITH 16d BOX NAILS @ 5" O.C. STAGGERED.

NOTE:
WHEN BUILDING HAS A WIND LOAD OF 80 MPH USE D.F. #2 LUMBER.

24' X 40' VENTILATION CALC.
BUILDING SQUARE FOOTAGE - 24' X 40' = 960 SF

REQUIRED VENTILATION - 1 SF. / 150 SF.
960 / 150 = 6.4 SF VENT REQUIRED

SIZE OF VENT TO BE USED - 3"x 17" = 51 SQ IN.
51 / 144 = 0.35 SQ. FT.

MINIMUM NUMBER OF VENTS NEEDED - 20
TOTAL VENTILATION - 7.0# FEET

NUMBER OF VENTS TO BE USED - 28
TOTAL VENTILATION - 9.8# FEET

36' X 40' VENTILATION CALC.
BUILDING SQUARE FOOTAGE - 36' X 40' = 1,440 SF

REQUIRED VENTILATION - 1 SF. / 150 SF.
1,440 / 150 = 9.6 SF VENT REQUIRED

SIZE OF VENT TO BE USED - 3"x 17" = 51 SQ IN.
51 / 144 = 0.35 SQ. FT.

MINIMUM NUMBER OF VENTS NEEDED - 28
TOTAL VENTILATION - 9.8# FEET

NUMBER OF VENTS TO BE USED - 32
TOTAL VENTILATION - 11.20# FEET

48' X 40' VENTILATION CALC.
BUILDING SQUARE FOOTAGE - 48 X 40" = 1,920 SF

REQUIRED VENTILATION - 1 SF. / 150 SF.
1,920 / 150 = 12.8 SF VENT REQUIRED

SIZE OF VENT TO BE USED - 3"x 17" = 51 SQ IN.
51 / 144 = 0.35 SQ. FT.

MINIMUM NUMBER OF VENTS NEEDED - 37
TOTAL VENTILATION - 12.95# FEET

NUMBER OF VENTS TO BE USED - 40
TOTAL VENTILATION - 14.0# FEET

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
DATE JUN 29 1999

D.S.A.
NOV 16 2000

STRUCT. ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JAMES T. SIMPSON
No. 3602
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30- 2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Krameria Ave., Riverside, CA 92504
Phone (909) 789-7196
Fax (909) 789-0263

RELOCATABLE BUILDING FOR:
STOCKPILE
WILLIAMS / SCOTSMAN

FOUNDATION PLANS
(WOOD 50 LB. L.L.)

BY AH DATE 10-11-00
SHEET F-2
4504
C.A.D. FILE NO. FOUND-2A.DWG

CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SPECIFICATIONS
RELOCATABLE CLASSROOMS

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.

2. Workmanship:
   a) FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.

   b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.

   c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.

   d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

1. Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2

2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels- minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.

3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS.
   Bolt holes shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.

4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS

5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.

6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
   Screws shall be steel with cut threads and bending yield strengths per Table 11L in NDS.

7. Wood members shall be cut or notched only as shown on structural drawings.

8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.

9. Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)

10. Nail equivalence:
    (provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

    6d equals .113" DIA. - provide 1.36" minimum point penetration
    8d equals .131" DIA. - provide *1.57" minimum point penetration

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard WB Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated.

12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.

13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.

14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.

15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.

16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).

17. Used lumber in good condition is acceptable for use in foundation system.

18. Tie plates shall conform to A-1011 Grade 33.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the **LESSEE** (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a **1000 PSF MINIMUM SOIL BEARING PRESSURE.**

Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.

2. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

   The example form DSA 103's shown on this sheet are for illustration purposes only.
   A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be crossed out on this drawing.

3. No other tests and inspections are required.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.

2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.

2. All requirements of **CCR** (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:

   a) General responsible charge of Field Administration by the Architect of Record.

   b) Inspection during the course of construction by an Inspector approved by **DSA** (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.

   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.

   d) Other special tests or inspections as may be required by DSA.
   Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.

3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:
The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

   The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.

2. Assembly of Elements:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.

   b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.

   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

DSA — DEPARTMENT OF GENERAL SERVICES

DSA-103 rev 10/2013
Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised: | Revised:

School Name: SAMPLE: FOR WELD PLATE OPTION ONLY | District:

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all tasks of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE*	PERFORMED BY**	CODE REFERENCES AND NOTES
+	SOILS			
+	CONCRETE			Table 1705A.3
+	MASONRY			TMS 402-13/ACI 530-13/ASCE 6-13 Table 1.19.3
-	STEEL			Table 1705A.2.1
-	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	a. Verify that all materials are appropriately marked and that: - Mill certificates indicate material properties that comply with requirements, - Material sizes, types and grades comply with requirements.	Periodic	*	* By special inspector when performed off-site; by project inspector for steel shipped directly to project site without welding or fabrication.
X	b. Test undocumented materials	Test	Lab	2303A.1 (2203.1*), ASTM A370.
	Inspection:			
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
-	19. WELDING:			DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of conformance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
-	19.2 FIELD WELDING:			
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
+	WOOD			
+	OTHER			

1 Field Welding Inspection: Special Inspection Verified Report - Form DSA-292

KEY to Columns

1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	SI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	Lab – Indicates that the test or inspection is to be performed by a testing laboratory excepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test – Indicates that a test is required	PI – Indicates that the special inspection is to be performed by the project inspector
	SI – Indicates that the special inspection is to be performed by a special inspector

APPLICABLE BUILDING CODES
ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC

2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014*
-2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR
(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*

-2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR
(2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR

TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED =120 MPH (V) (3 SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

SEISMIC DESIGN DATA: MOMENT FRAME PC'S
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear : 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.411 R: = 3.5 SITE CLASS = D
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior
S1 = 1.3 per CBC Figure 1613A.5(2) Sd1 = 1.3 To Approval)
RISK CATEGORY = II

SEISMIC DESIGN DATA: SHEAR WALL PC'S
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.222 R: = 6.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior
S1 = 1.3 per CBC Figure 1613A.5(2) Sd1 = 1.3 To Approval)
RISK CATEGORY = II

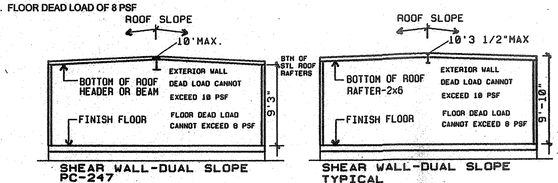
FLOOD DESIGN DATA: Project is not located in a flood zone.

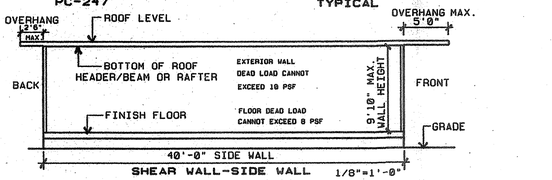
LIMITATIONS FOUNDATION PC ONLY:

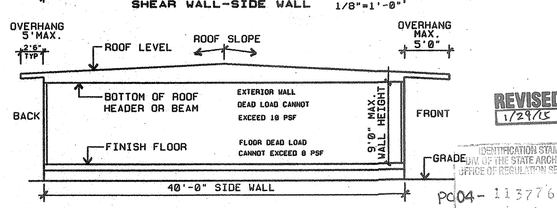
FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

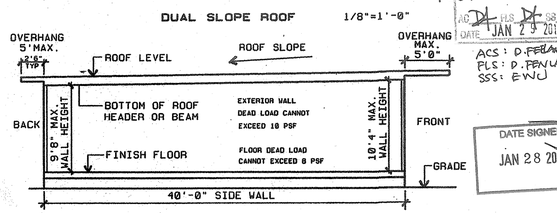
THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF









TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS
DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE
TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

REVISED 1/29/15

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC: DH FLS: DH SS: EWJ
DATE: JAN 29 2015
ACS: D.PERLMAN
PLS: D.PERLMAN
SSS: E.WU

DATE SIGNED JAN 28 2015

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC: DH FLS: DH SS: EWJ
DATE: OCT 08 2014
ACS: D.PERLMAN
PLS: D.PERLMAN
SSS: P.KOONS

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION– 2013 CODE UPDATE

SHEET INDEX:
BELOW GRADE CONCRETE FOUNDATION DESIGNED FOR MODTECH BUILDINGS ONLY

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH
STKP 02	52812	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 01	52513	48760-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 05	52815	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 04	52816	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	56032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-28-1990	24 x 40	50#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66316	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-02-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# /**50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65985	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	05-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	36 x 40	70#	MODTECH
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-106-419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	08-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-16-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113419	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

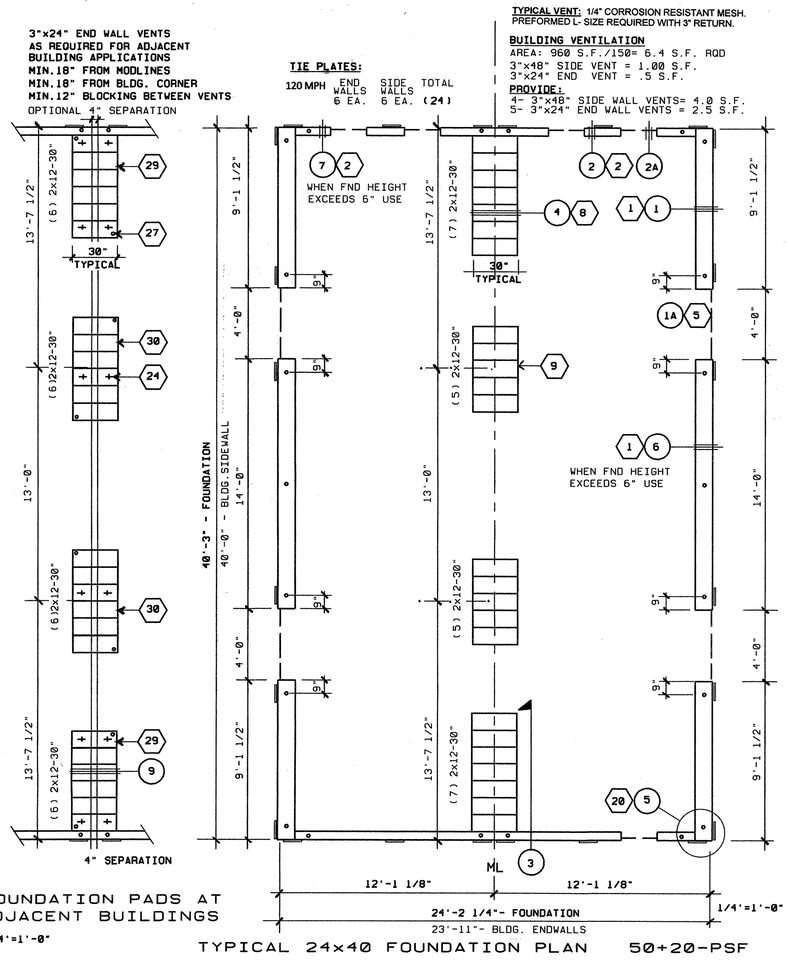
REVISIONS	BY
1 JAN 2015 ADD STKP 130/#131 & FOUNTH EXPAND NOTE & SHEET C1.0	CLS

CLASS LEASING LLC

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, LLC. PC
FOUNDATION PLANS AND DETAILS
STOCKPILE CLASSROOMS RELOCATION

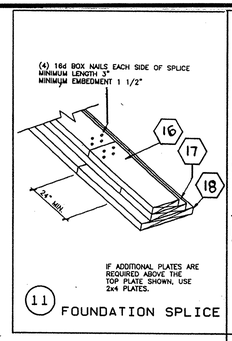
DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	
SHEET	F1.0



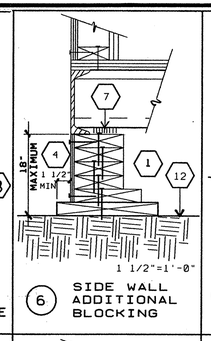
FOUNDATION PADS AT ADJACENT BUILDINGS

1/4"=1'-0"

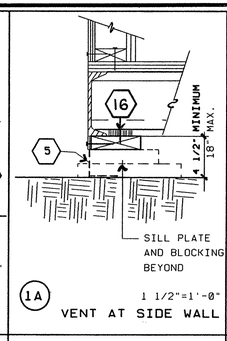
TYPICAL 24x40 FOUNDATION PLAN 50+20-PSF



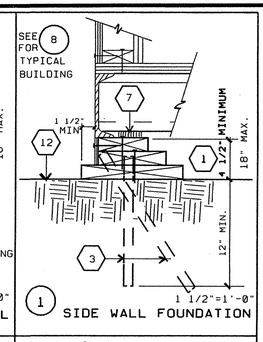
11 FOUNDATION SPLICE



6 SIDE WALL ADDITIONAL BLOCKING



1A VENT AT SIDE WALL

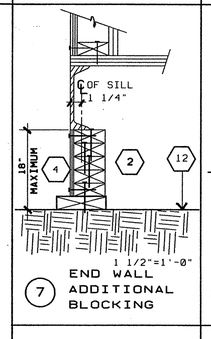


1 SIDE WALL FOUNDATION

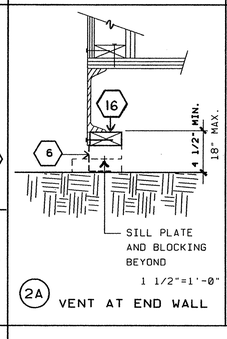
TYPICAL: NAILING (1) 16d BOX AT 4" O.C.

TYPICAL: PLATE TO PLATE,
PLATE TO BLOCK,
BLOCK TO BLOCK,
BLOCK TO PLATE,

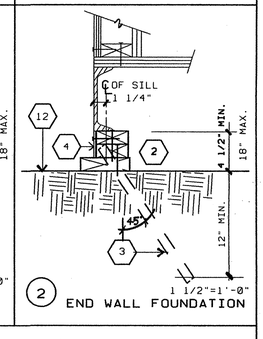
MINIMUM 6-16d PER BLOCK OR PLATE



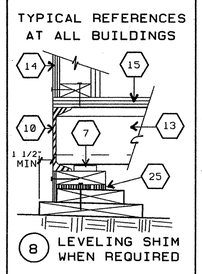
7 END WALL ADDITIONAL BLOCKING



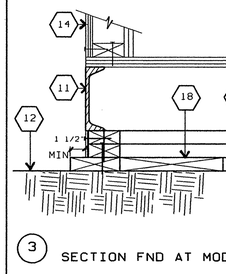
2A VENT AT END WALL



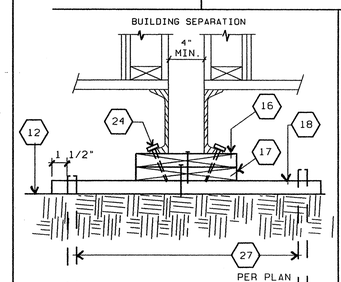
2 END WALL FOUNDATION



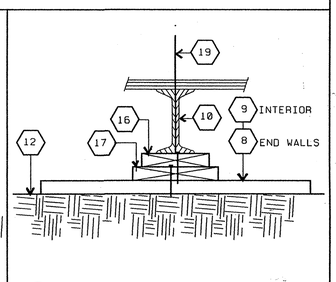
8 LEVELING SHIM WHEN REQUIRED



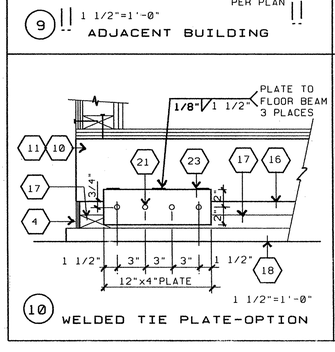
3 SECTION FND AT MODULE LINE



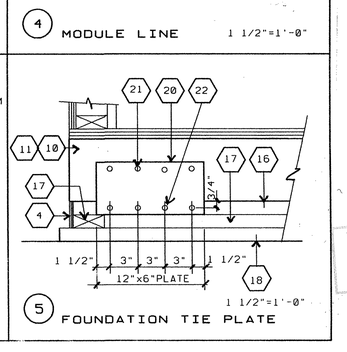
9 ADJACENT BUILDING



4 MODULE LINE 1 1/2"=1'-0"



10 WELDED TIE PLATE-OPTION



5 FOUNDATION TIE PLATE

KEY NOTES 24x40- 50+20 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG. INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (7) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (5) 2x12x30" (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x10 GA

21 PLATE ANCHOR: 4 -1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4 -1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4"x 10 GA

24 BUILDING ANCHORAGE: 6- 5/8"x4" LAGS SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6)-10d BOX.

26 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING.
PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12X30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

GENERAL NOTES

A. **SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A **WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES L. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA

LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC. FLS SS
DATE: OCT 08 2014

24x40 - 50+20 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

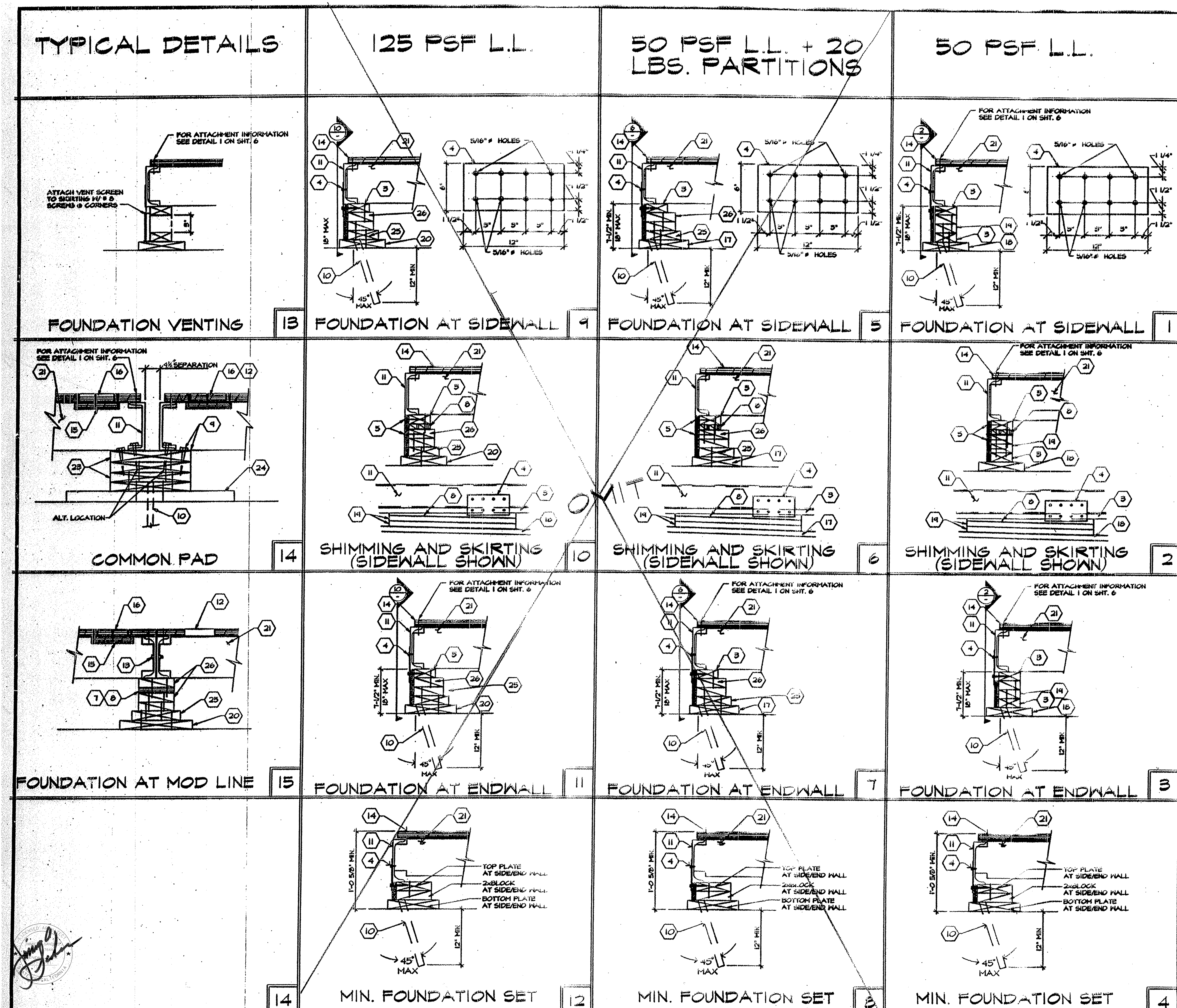
REVISIONS	BY

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING LLC

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50+20 PSF RELOCATION
FOUNDATION PLAN & DETAILS

DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	24x40 50+20 PSF
SHEET	F2.1-2



CBC 1998

PC

KEYNOTES

1 MAXIMUM SOIL BEARING PRESSURE - 1000 P.S.F.

2 ALL FOUNDATION LUMBER SHALL BE HEM FIR #2
ALL LUMBER IN CONTACT WITH GRADE SHALL BE STAMPED "FOR GROUND CONTACT".

ALL FOUNDATION NAILS SHALL BE CORROSION RESISTANT PER U.B.C. STANDARD 25.17.17.

3 2x4x CONTINUOUS. INTERNAIL TO EACH PAD WITH 16d BOX NAILS @ 5" O.C. STAGGERED.

4 TIE PLATE - 12"x 6"x 10Ga. PLATE W/ (8) 5/16" HOLES AS SHOWN FOR (4) 1/4"x 3/4" LONG SELF TAP SCREWS INTO CHANNEL & (4) 1/4"x 3" LAG BOLTS.

5 5/8" PLYWOOD PERIMETER SKIRTING. NAIL TO FOUNDATION PADS WITH 8d BOX NAILS @ 12" O.C. TOP AND BOTTOM.

6 NOT USED.

7 NOT USED

8 PLYWOOD OR WOOD SHIM - MIN. 8" LONG; MAX. 16" BETWEEN SHIMS. NAIL TO PLATES WITH MIN (3) 16d BOX NAILS PER SHIM. MAX. 1-1/2" SHIM HEIGHT AT ANY LOCATION.

9 USE 6- 5/8"x4" LAGS @ EACH BLDG. & NAIL PLATE TO PLATE TO PLATE W/ 2- 16d BOX @ 4" O.C.

10 DRIVE 1" I.D. x 15" G.I. PIPE @ 10'-0" O.C. MAX. DRILL SILL PLATE 1-1/4" MAX. PIPE MAY BE DRIVEN AT MAX. 45 ANGLE TO VERTICAL.

11 STEEL FLOOR CHANNEL.

12 5" DIA. ACCESS HOLE AT MODULE CONNECTION BOLT LOCATIONS.

13 5/8" MACHINE BOLT @ MODULE CONNECTION. SEE SHT. 5 'STRUCTURAL SIDE' FOR LOCATIONS.

14 PLYWOOD FLOOR DECK. ATTACH PLYWD. FLOORING TO STEEL CHANNEL WITH #10x1 1/2" S.T.S. - SEE SHEET 6 DETAIL 1

15 PLYWOOD STRIP - 3/4"x 3"x 8" PIECE W/ (2) #12x 2-1/4" FLAT HEAD WOOD SCREWS EACH END.

16 PLUG - 3" DIA. PIECE OF FLOOR SHEATHING W/ (2) #12x2-1/4" FLAT HEAD WOOD SCREWS EACH END.

17 CONTINUOUS 2x10 P.T.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x8 BLOCK LOCATIONS.

18 CONTINUOUS 2x8 P.T.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x4 BLOCK LOCATIONS.

19 2x4x 3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH 16d BOX NAILS @ 4" O.C. AND (2) 16d NAILS AT EACH END.

20 CONTINUOUS 2x(SEE PLAN) P.T.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x6 BLOCK LOCATIONS.

21 FLOOR JOIST OR BLOCK BETWEEN FLOOR JOIST.

22 NOT USED

23 CONTINUOUS 2x12x(SEE PLAN) - NAIL (2) 16d AT 4" O.C. & (2) 16d AT EACH END OF PLATE.

24 2x10x24" LONG SILL PADS. P.T.H.F. (SEE PLAN FOR QUANTITY 10 AT ENDS AND 12 AT INTERIOR)

25 CONTINUOUS 2x(SEE PLAN) H.F. PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2x6 BLOCK LOCATION. NAIL WITH 16d BOX NAILS @ 4" O.C. AT 50 PSF + 20 LBS. PARTITIONS FLOOR LOAD AND @ 2 1/2" O.C. AT 125 PSF FLOOR LOAD.

26 2x6x 3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH (2) 16d NAILS AT EACH END AND 16d BOX NAILS @ 4" O.C. AT 50 PSF + 20 LBS. PARTITIONS FLOOR LOAD AND @ 2 1/2" O.C. AT 125 PSF FLOOR LOAD.

~~NOTE: WHEN BUILDING HAS A WIND LOAD OF 80 MPH USE D.F. #2 LUMBER.~~

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR:
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

D.S.A.
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 - 101055
DATE JUN 29 1999

D.S.A.

STRUCT. ENGINEER

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Krameria Ave., Riverside, CA 92504
Phone (909) 789-7196
Fax (909) 789-0363

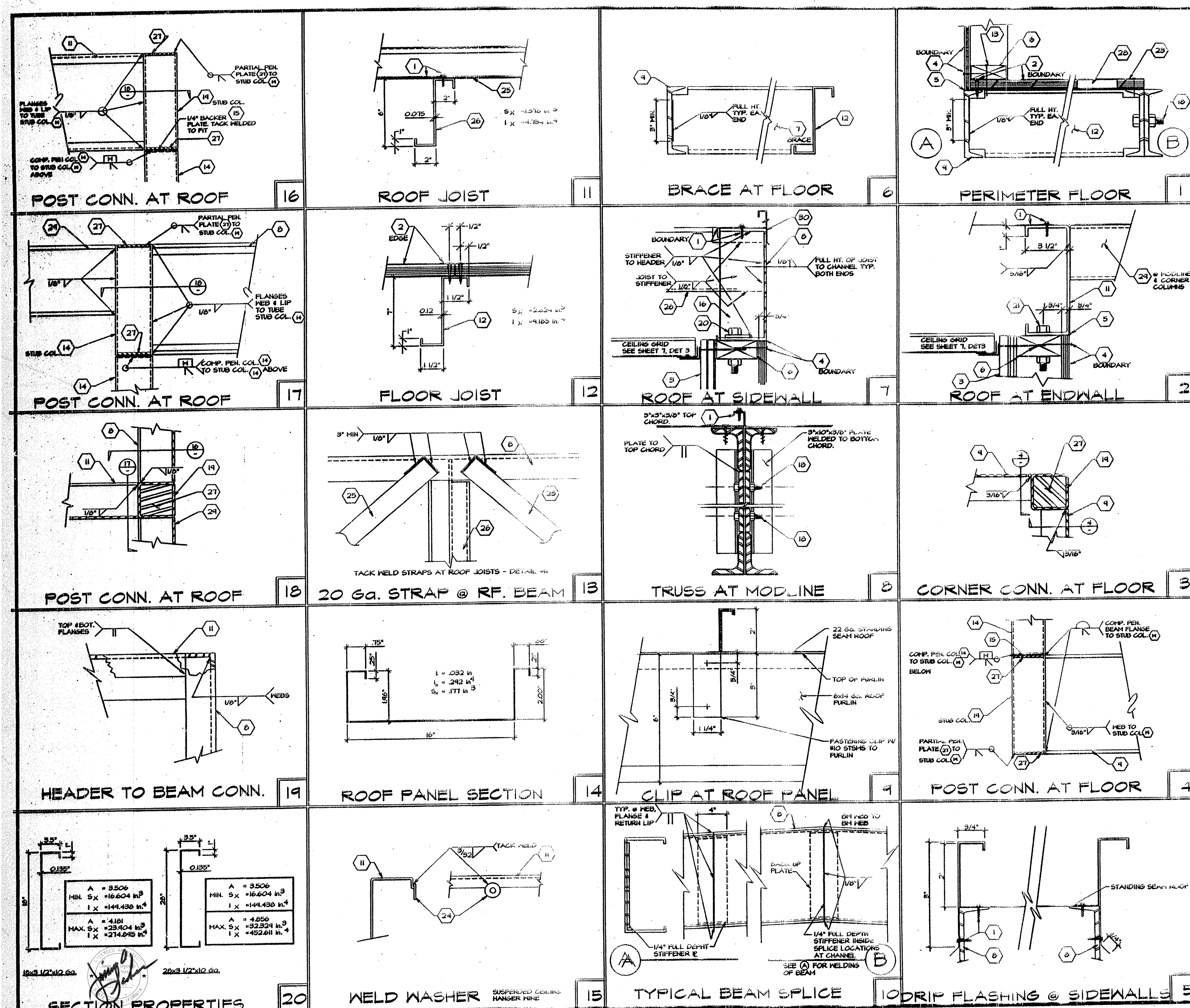
RELOCATABLE BUILDING FOR:
STOCKPILE
WILLIAMS / SCOTSMAN

WOOD FOUNDATION PLAN DETAILS

BY AH DATE 10-11-00

SHEET
F-4-2

4504 C.A.D. FILE NO. FC-100335



CBC 1998

KEYNOTES

1. STEEL ROOF DECK - 22 Ga. ROLL FORMED 2 1/2" STANDING SEAM ROOF DECK. USE #14 SELF TAP SCREWS @ 12" O.C. AT ROOF JOIST ((2) PER PANEL), AND #14 SELF TAP SCREWS @ 4" O.C. AT HEADERS (8) PER PANEL) AND 24" O.C. @ OUTSIDE EDGE, (1) #14 STS @ 4'-0" O.C. AT STANDING SEAM BETWEEN JOIST.
2. PLYWOOD FLOOR SHEATHING - SEE NOTE 2 SHT. S4.0 OR S4.1. ATTACH PLYWOOD W/ #10 - 24 x 1-3/4" SELF TAP SCREWS @ 6 O.C. BOUNDARY & EDGES AND 6" O.C. FIELD. W/ FLOOR JOIST @ 48" O.C. (JOIST SPACE UNDER 48" O.C. = 10" O.C. FIELD)
3. TYPICAL INTERIOR FINISH - SEE SHEET 9.1
4. TYPICAL EXTERIOR FINISH - SEE SHEET 9.1
5. SEALANT
6. 2 x 4 TOP OR BOTTOM PLATE
7. 7"x 11 Ga. STEEL BRACE WELDED TO PERIMETER FRAME AND FLOOR JOIST.
8. 18/28/18x3 1/2"x10 Ga. CHANNEL @ GABLE ROOF & 18/28/18x3 1/2"x10 Ga. CHANNEL @ MONO SLOPE.
9. 7"x 9.8 lb PERIMETER FRAME.
10. 4"x 4"x 1/2" STIFFENER
11. GABLE ROOF: 18x3 1/2"x10 Ga. CHANNEL ROOF HDR. EA. END MONO SLOPE: 28x3 1/2"x10 Ga. CHANNEL ROOF HDR. @ FRONT AND 18x3 1/2"x10 Ga. CHANNEL ROOF HDR. @ REAR.
12. 7"x 11 Ga. FLOOR JOIST.
13. 16d NAIL @ 8" O.C.
14. STEEL COLUMN - 3 1/2"x 3 1/2"x 1/4" TUBE AT 70 "C" AND 80 "C".
15. 1/4" CAP PLATE.
16. 3/16" FULL HEIGHT STIFFENER @ 4'-0" O.C.
17. NOT USED
18. 5/8" MACHINE BOLT @ MODULE CONNECTION - SEE SHT. S4.0 OR S4.1 "STRUCTURAL SIDE" FOR ELEVATIONS.
19. 3 1/2"x 3 1/2"x 1/4"x 11 3/4" LONG TUBE AT ROOF @ 70 & 80"C", 3 1/2"x 3 1/2"x 1/4"x 7" LONG TUBE AT FLOOR @ 70 & 80 "C".
20. 1/2" MACHINE BOLT W / WASHER @ 24" O.C. MIN.
21. 1/2" MACHINE BOLT @ 24" O.C. MIN.
22. CHANNEL FRAME - GRIND WELDS ON EXPOSED FACES SMOOTH.
23. AT MODULE JOINT TAKE PLYWOOD TO EDGE OF CHANNEL. AT PERIMETER, HOLD PLYWOOD BACK AS INDICATED.
24. WELD WASHER - 1-3/8"x 11/32" WITH 9/16" HOLE. WELD TO UPPER CHANNEL FLANGE.
25. 2"x 20 Ga. STRAPS W/ 3" MIN. OF 1/8" FILLET WELD EA. END TO ROOF BEAM.
26. 6"x 14 Ga. ROOF JOIST
27. 1/4" PLATE FITTED INSIDE TUBE COLUMN AND WELDED IN PLACE.
28. 5" DIA. HOLE AT BOLT LOCATION.
29. [10"x11 Ga. HDR. @ PERIMETER OF O'HANG.
30. GALVANIZED SHEET METAL - SEE DEATIL 5

PC

NOTE: USE 4" X 4" X 1/4" TUBE STEEL WHEN PARAPET AND HVAC OPTION

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OFFICE OF REGULATION SERVICES
04-101055
DATE JUN 21 1999

D.S.A.
DATE NOV 16 2000

STRUCT. ENGINEER
LICENSE EXPIRES 9-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Kramerie Ave., Riverside, CA. 92504
Phone (909) 789-7195
Fax (909) 789-0283

RELOCATABLE BUILDING FOR:
STOCKPILE
WILLIAMS / SCOTSMAN

STRUCTURAL DETAILS AND NOTES
(WOOD STUDS)
22 GA. ROOFING

DATE 10-11-00
SHEET
S6.1-2
4504

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 — 1 1/2" = 1'-0"
Notes

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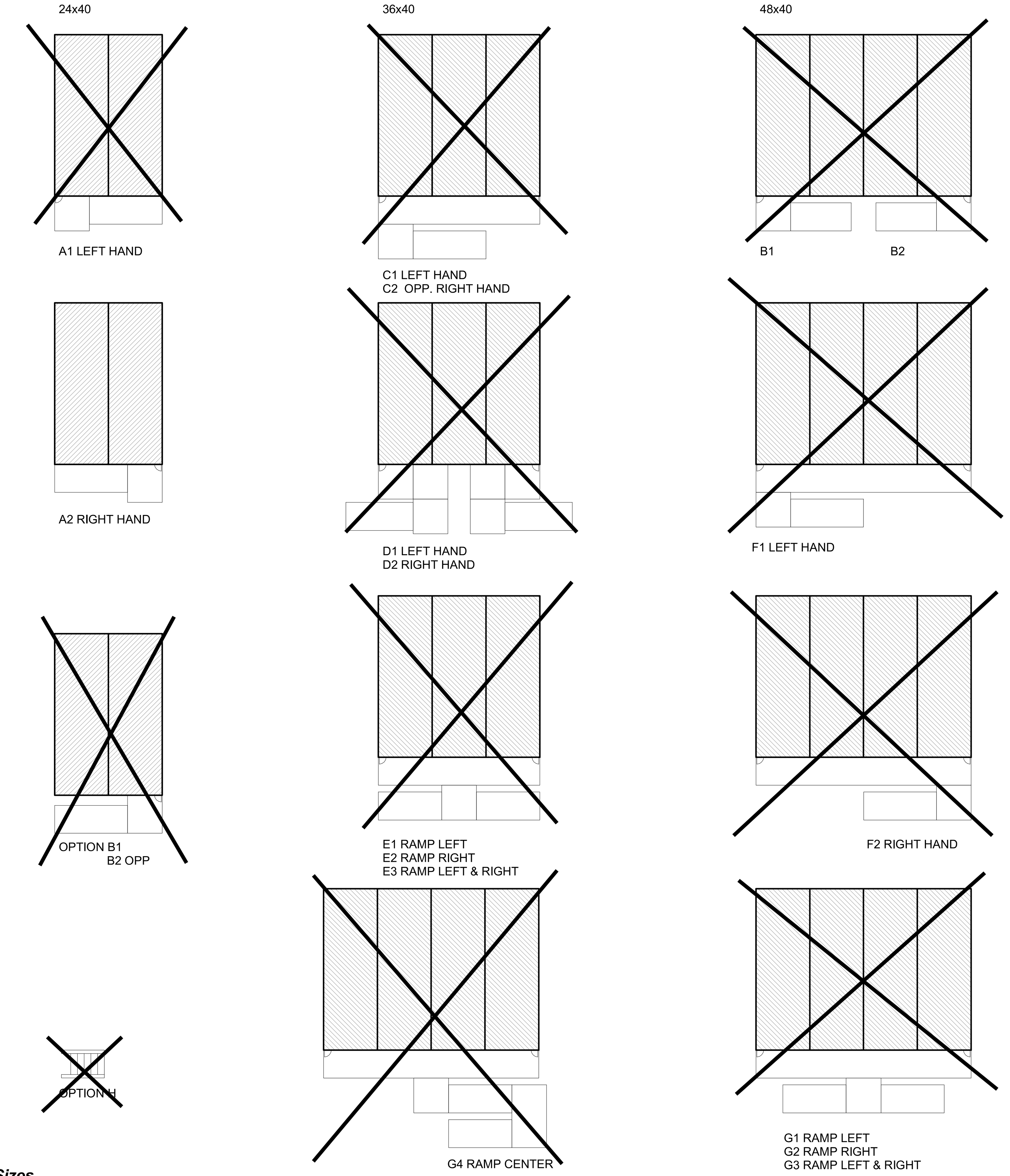
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

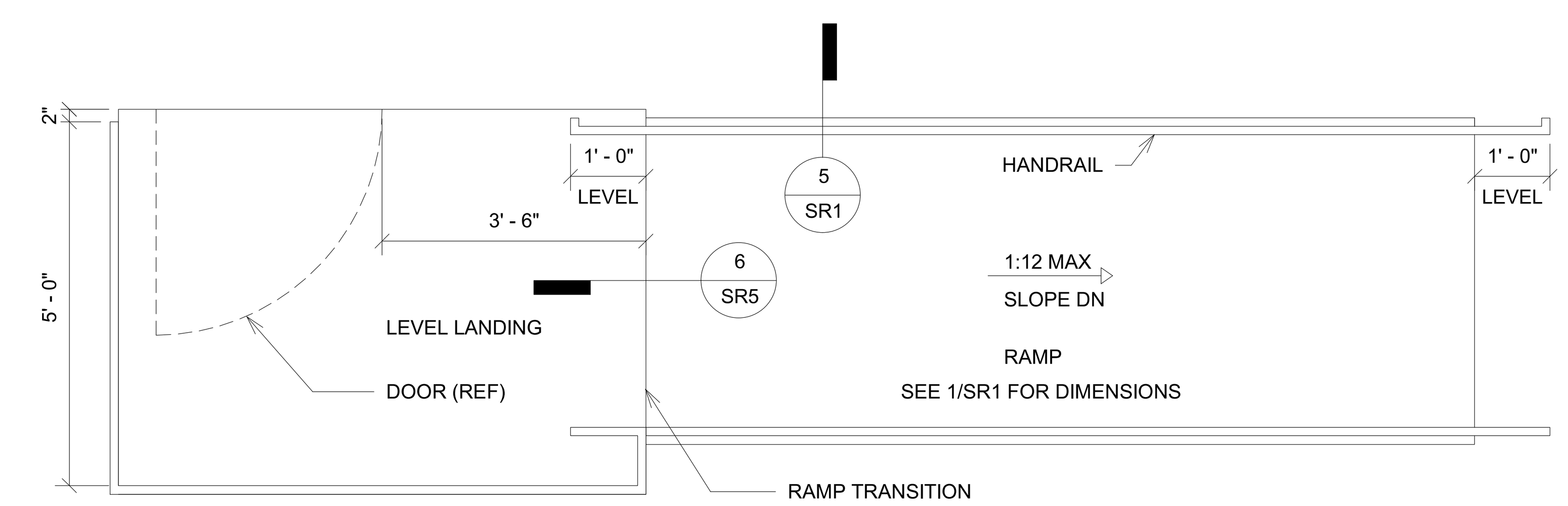
option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

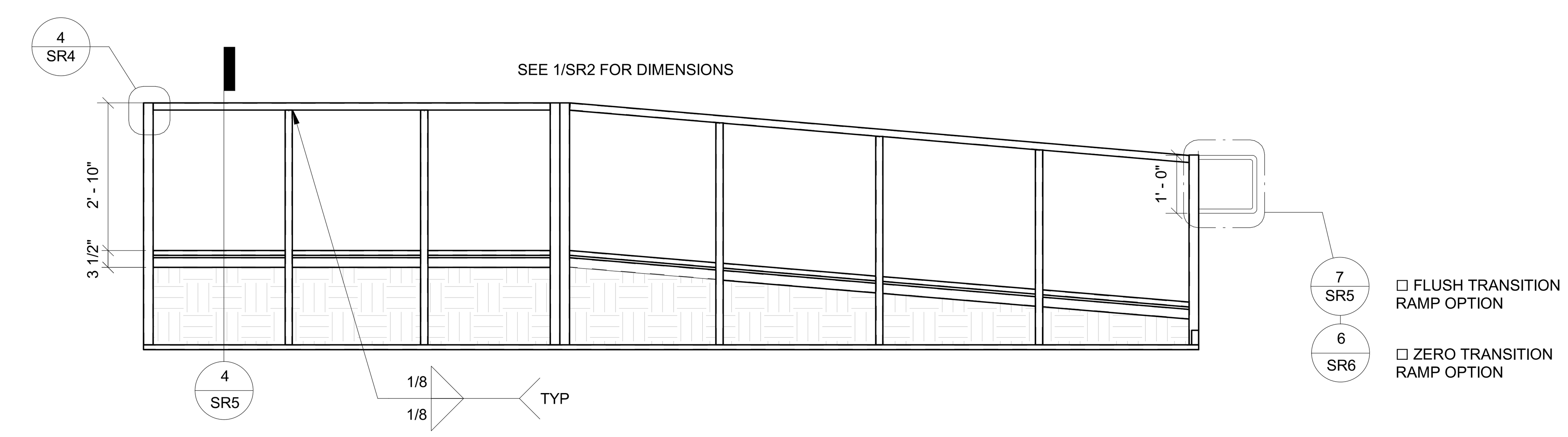
option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



2 — *Ramps Options w/ Different Building Sizes*





3 — *1/2" = 1'-0"*
Standard Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER — MANNY D. FR... — STRUCTURAL — STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

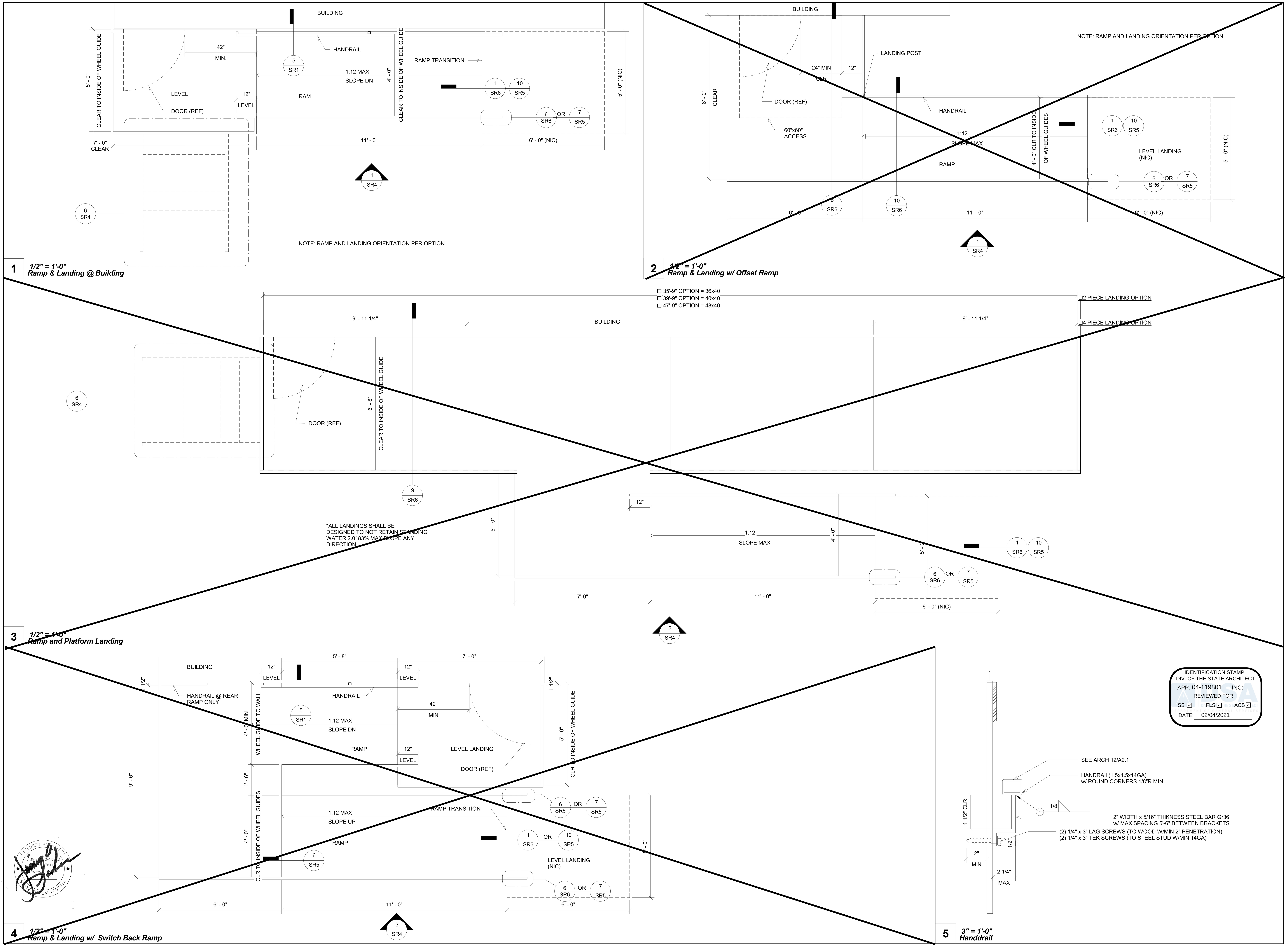
Revision Schedule

#	Description	Date

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER	17016A
DRAWN BY	SM
CHECKED BY	rMc
DATE	05/04/2017
SHEET NO.	SR0-2

SHEET OF



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R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Plan

PROJECT NUMBER 17016A

DRAWN BY SM

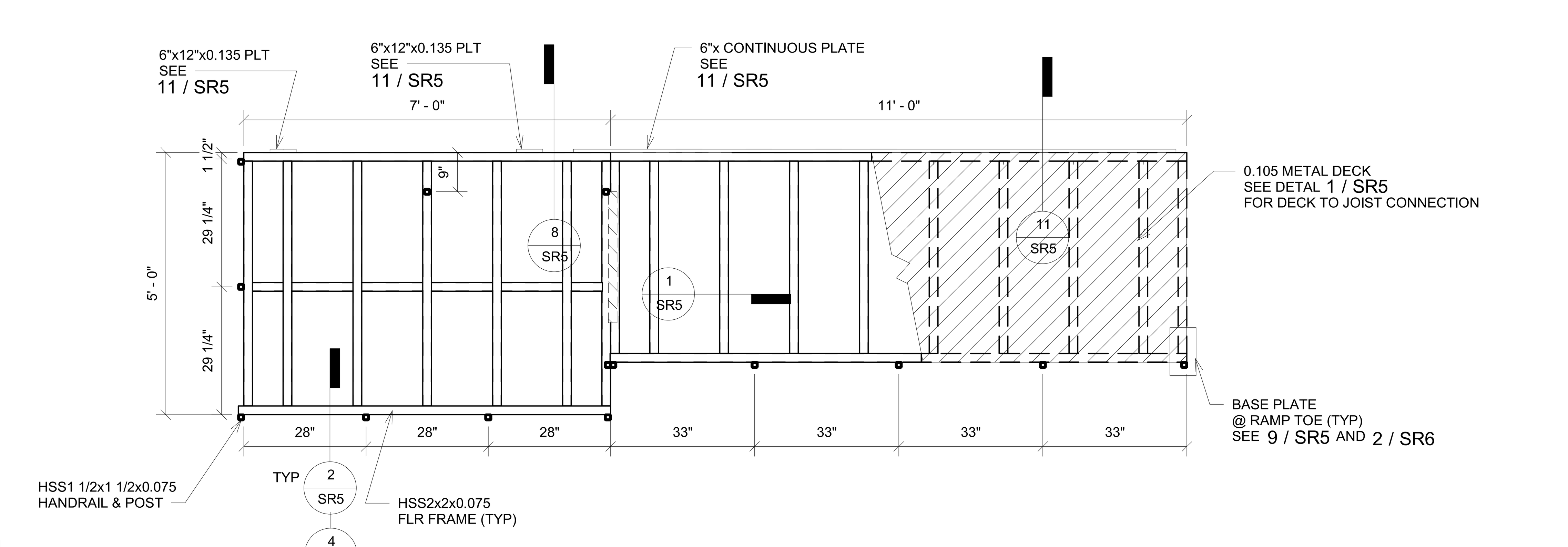
CHECKED BY rMc

DATE 05/04/2017

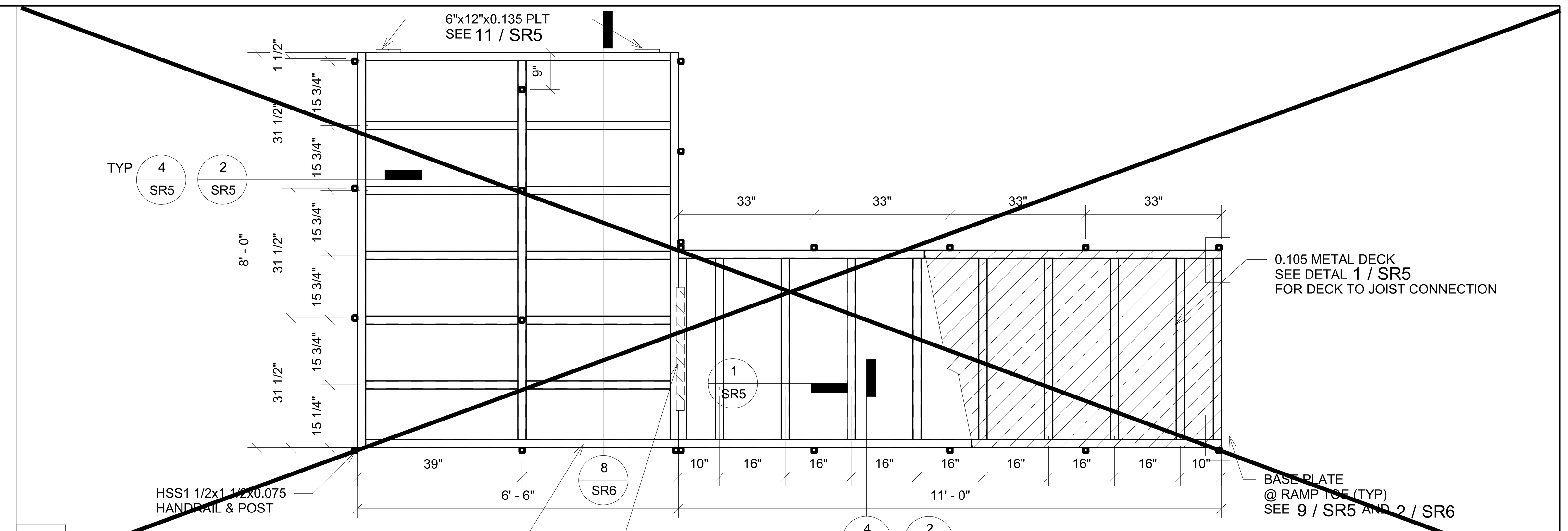
SHEET NO.

SR1-2

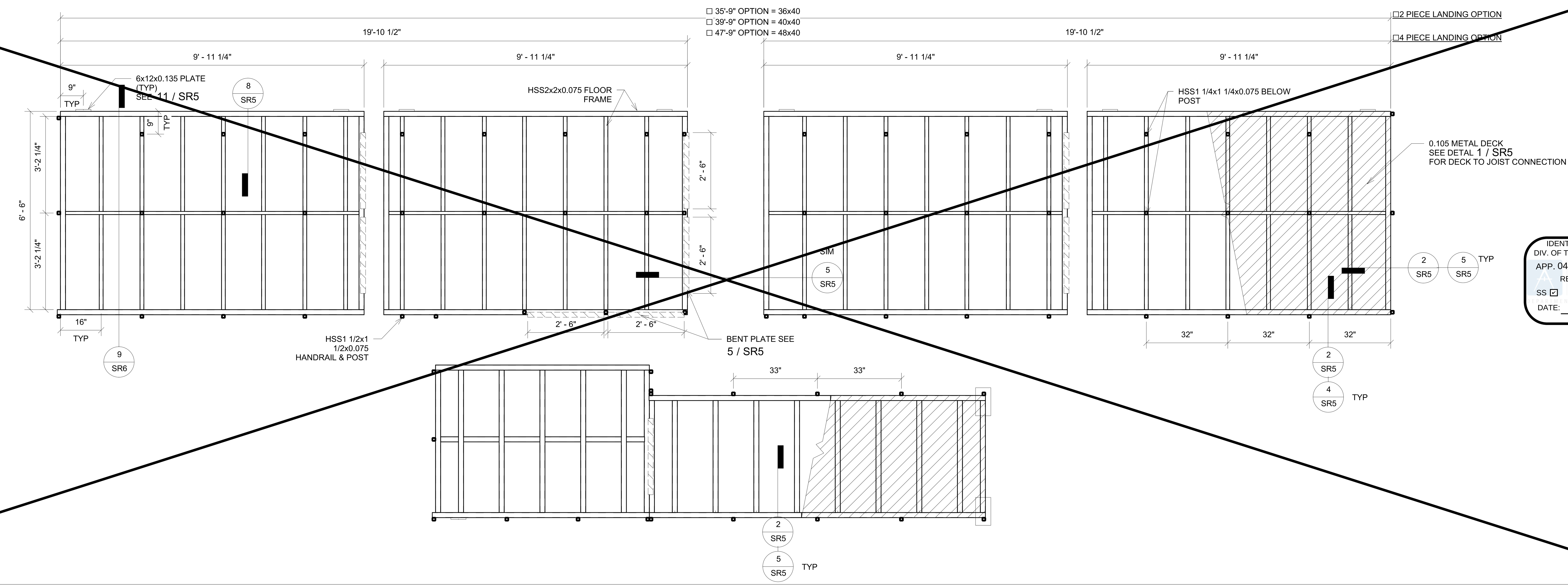
SHEET OF



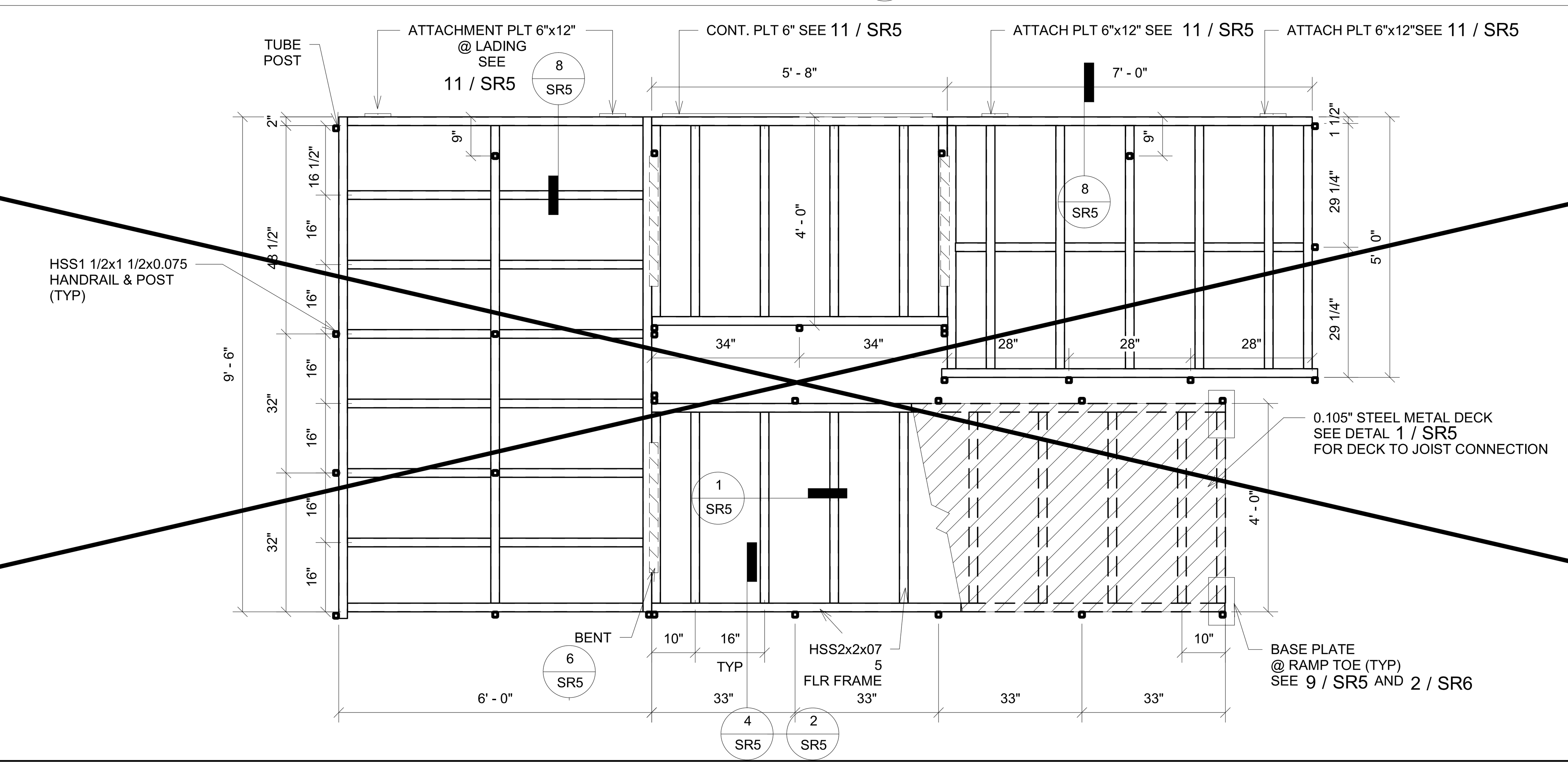
1 *1/2" = 1'-0"*
Ramp & Landing @ building



2 *1/2" = 1'-0"*
Ramp and Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp & Platform Landing Frame



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp

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R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

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FILE NUMBER: PC-128
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DATE 07/19/2018

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DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

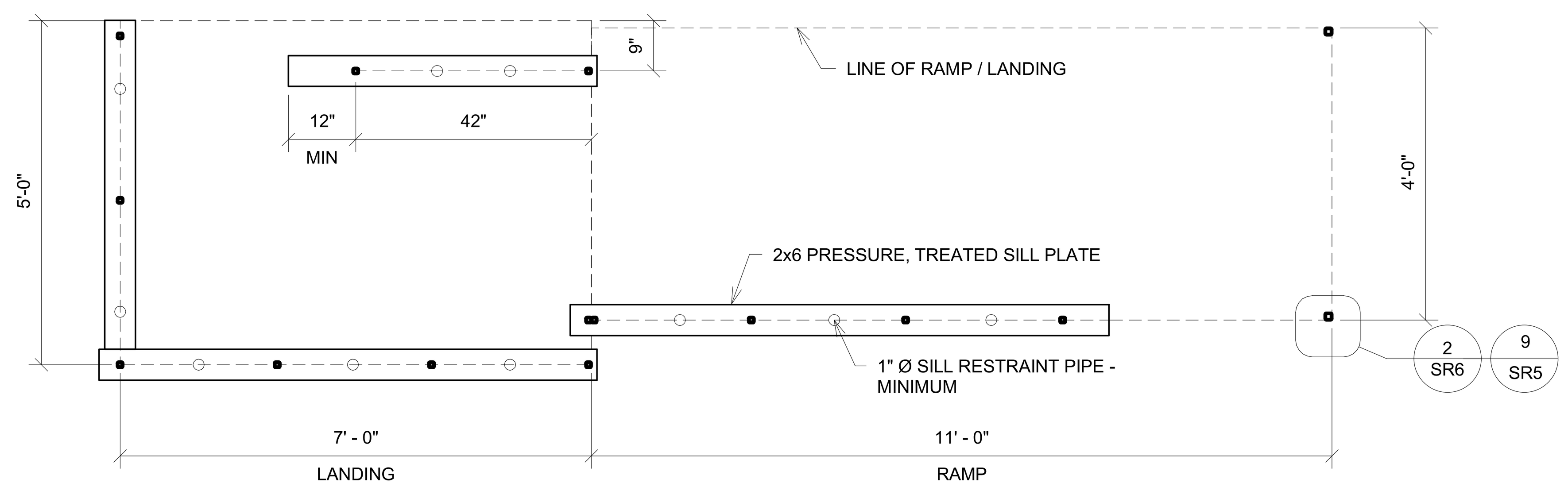
Revision Schedule

#	Description	Date

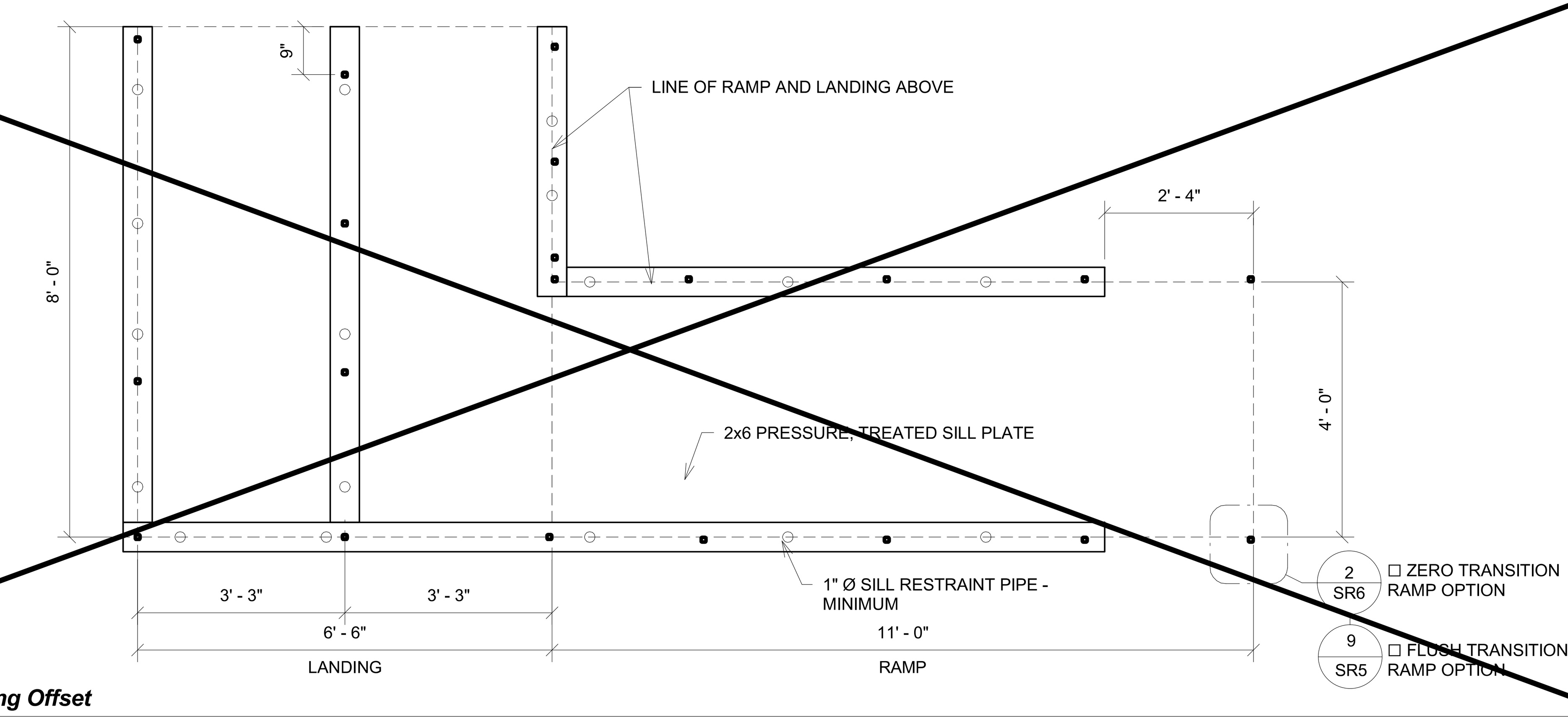
SHEET TITLE
Ramp and Landing Framing

PROJECT NUMBER	17016A
DRAWN BY	SM
CHECKED BY	BR/rMc
DATE	05/04/2017
SHEET NO.	SR2-2

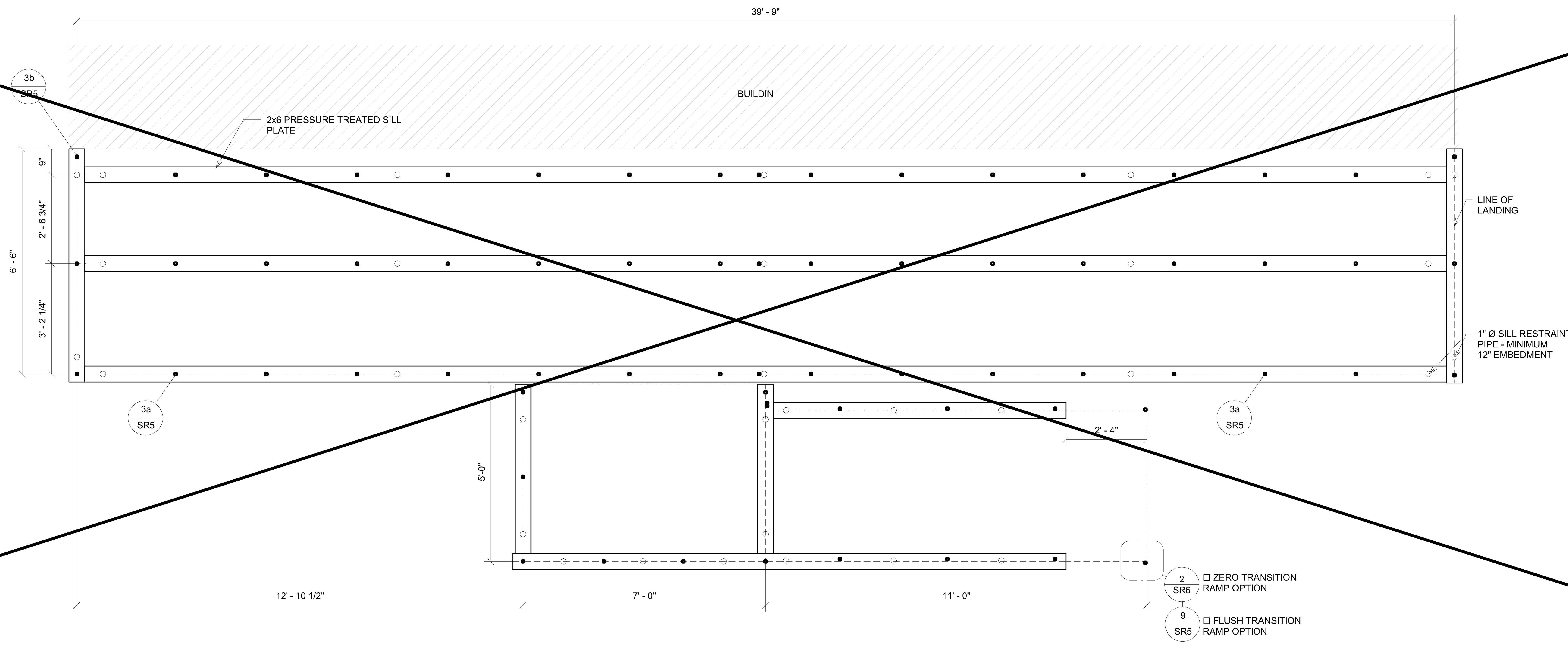
SHEET OF



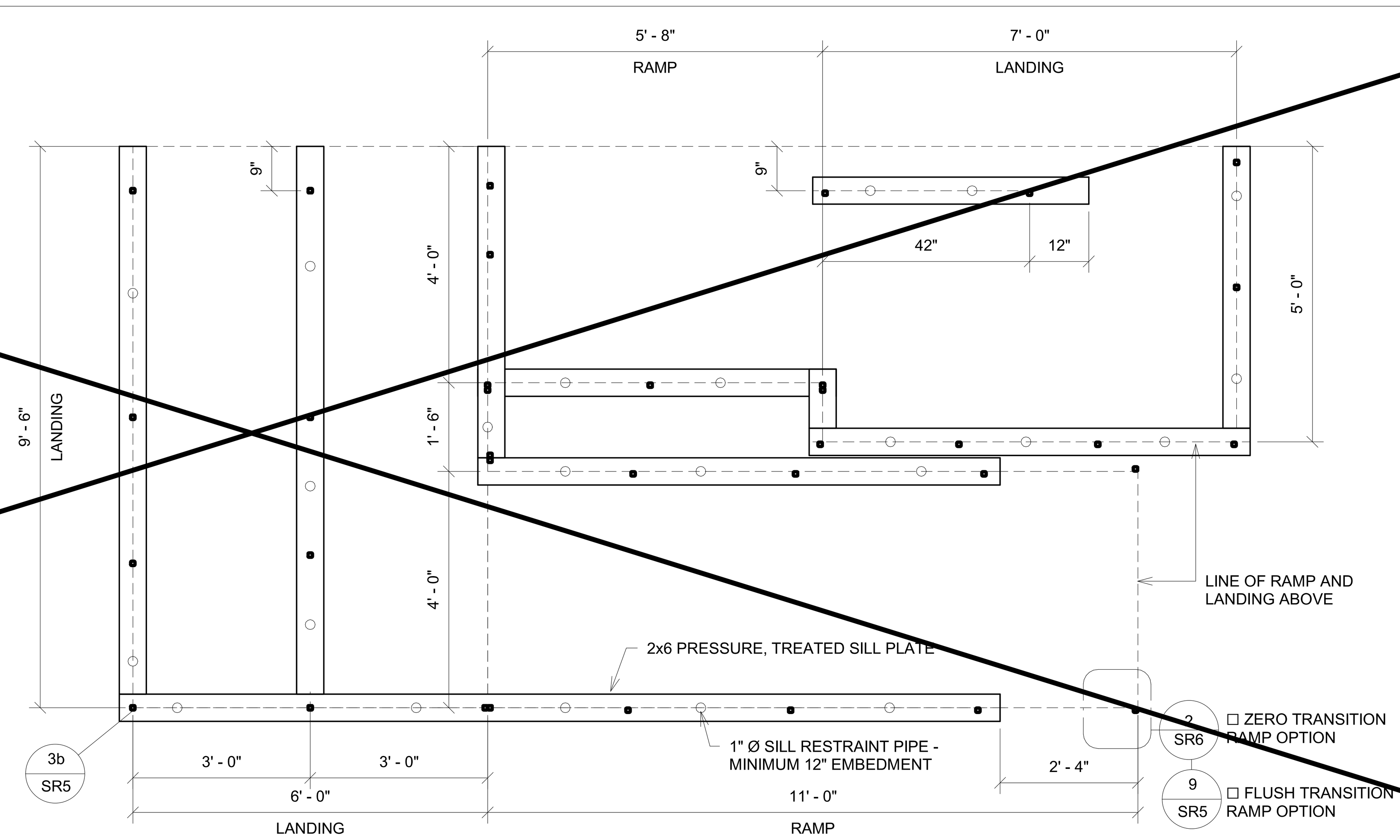
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt
12/18/2017 5:45:03 PM

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

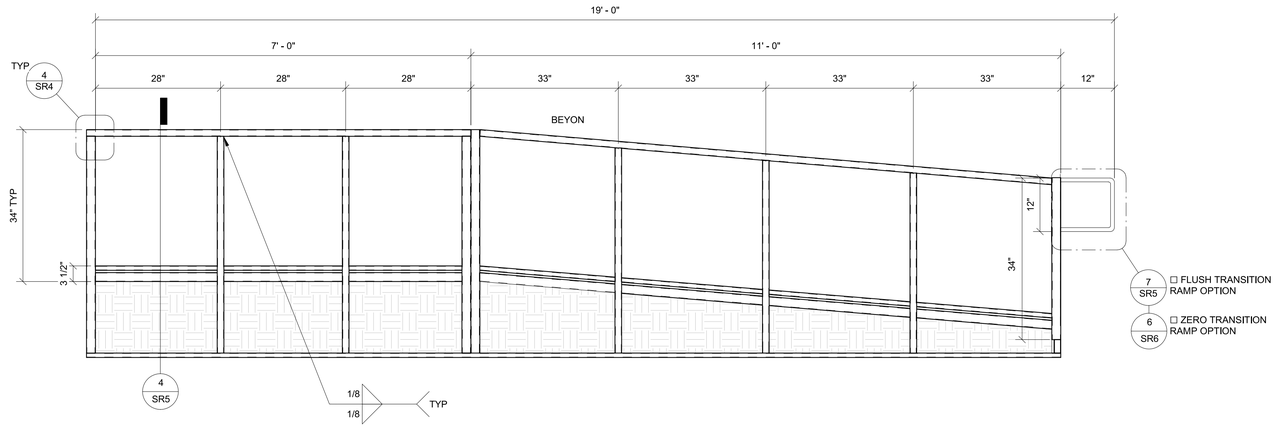
PROJECT NUMBER
17016A

DRAWN BY
SM

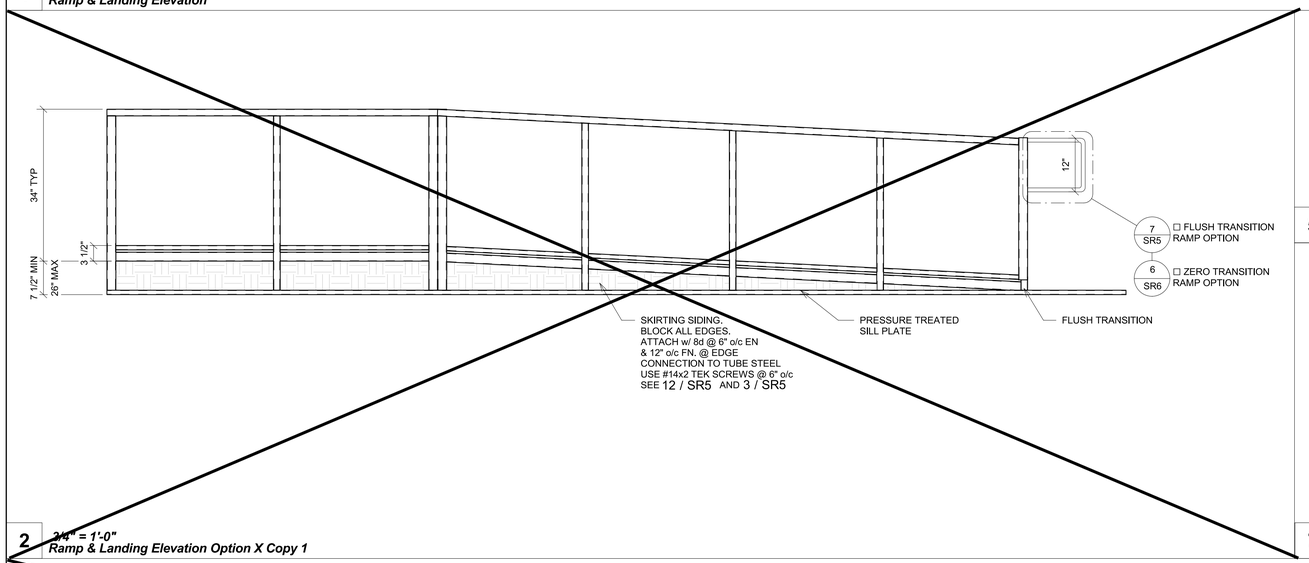
CHECKED BY
rMc

DATE
05/04/2017

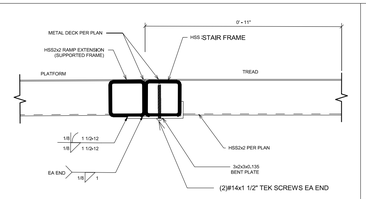
SHEET NO.
SR3-2



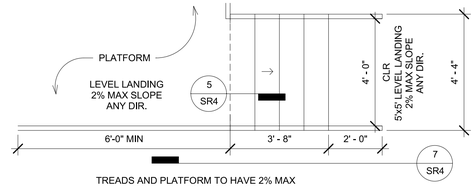
1 ***3/4" = 1'-0"***
Ramp & Landing Elevation



2 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X Copy 1

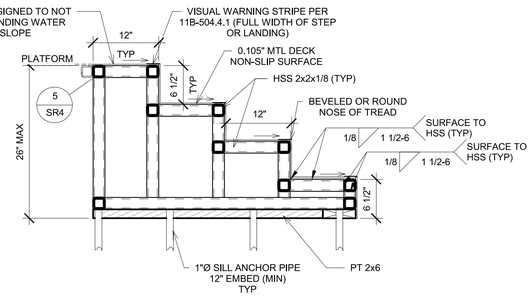


5 ***3" = 1'-0"***
Conn @ Platform

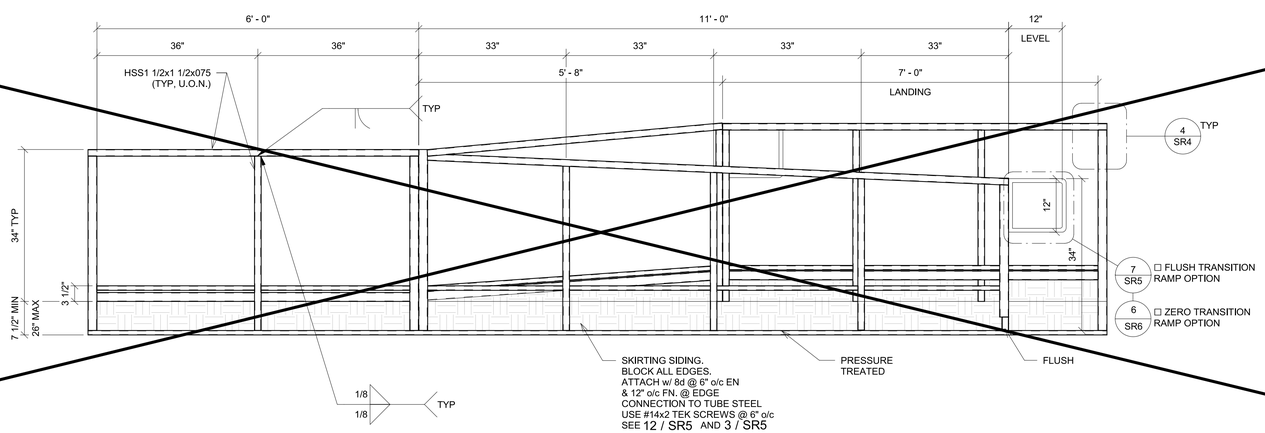


TREADS AND PLATFORM TO HAVE 2% MAX
TO ALLOW FOR DRAINAGE

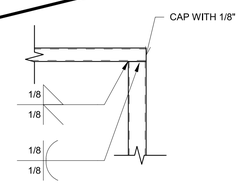
6 ***3/8" = 1'-0"***
Stair



7 ***1" = 1'-0"***
Stair Elev



3 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X



4 ***1 1/2" = 1'-0"***
Ramp & Landing Elevation Option X1 - Callout 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 108
San Diego, CA 92128

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCISCO
No. S-2380
STRUCTURAL
STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR4-2

SHEET OF

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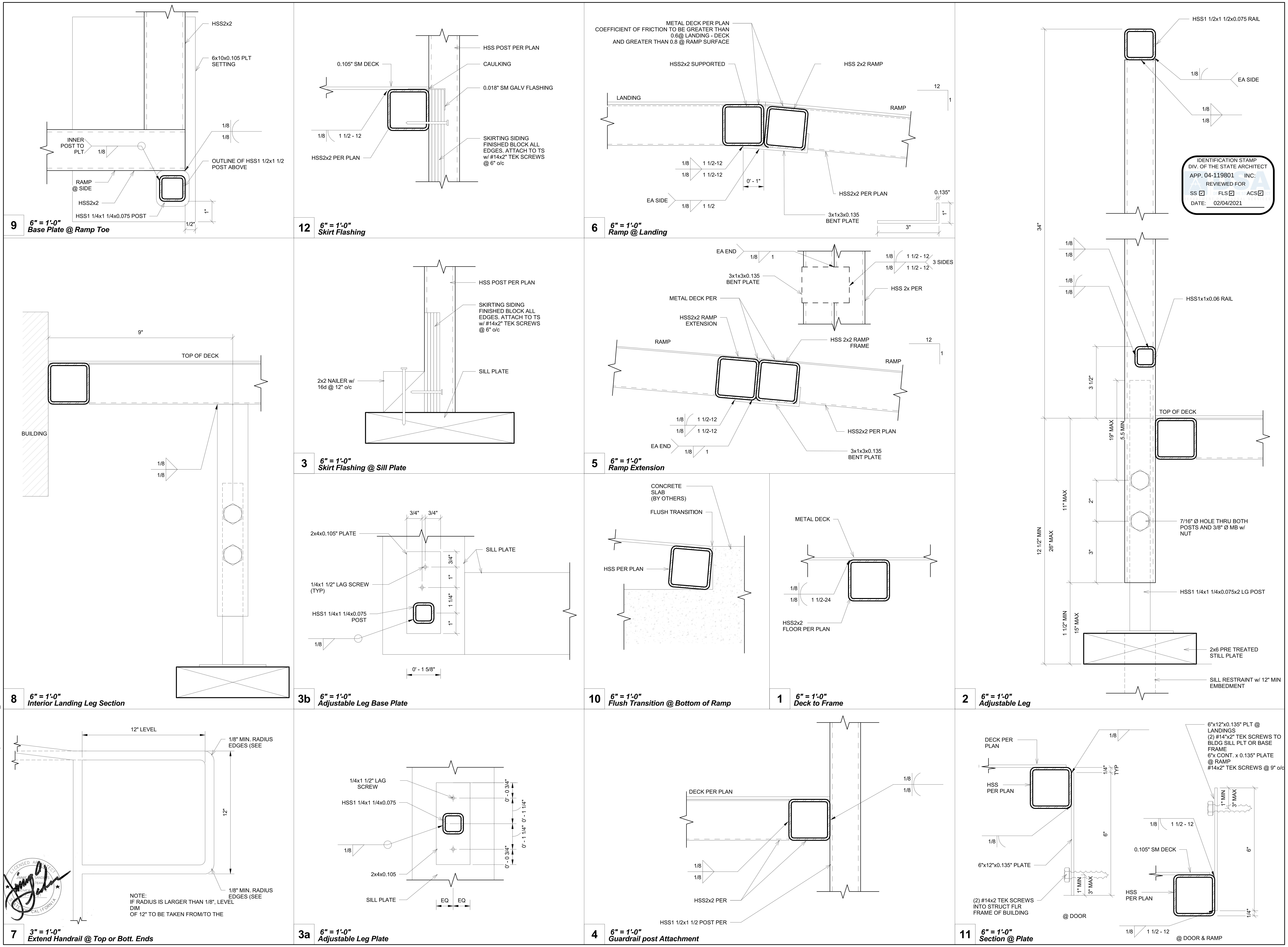

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R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

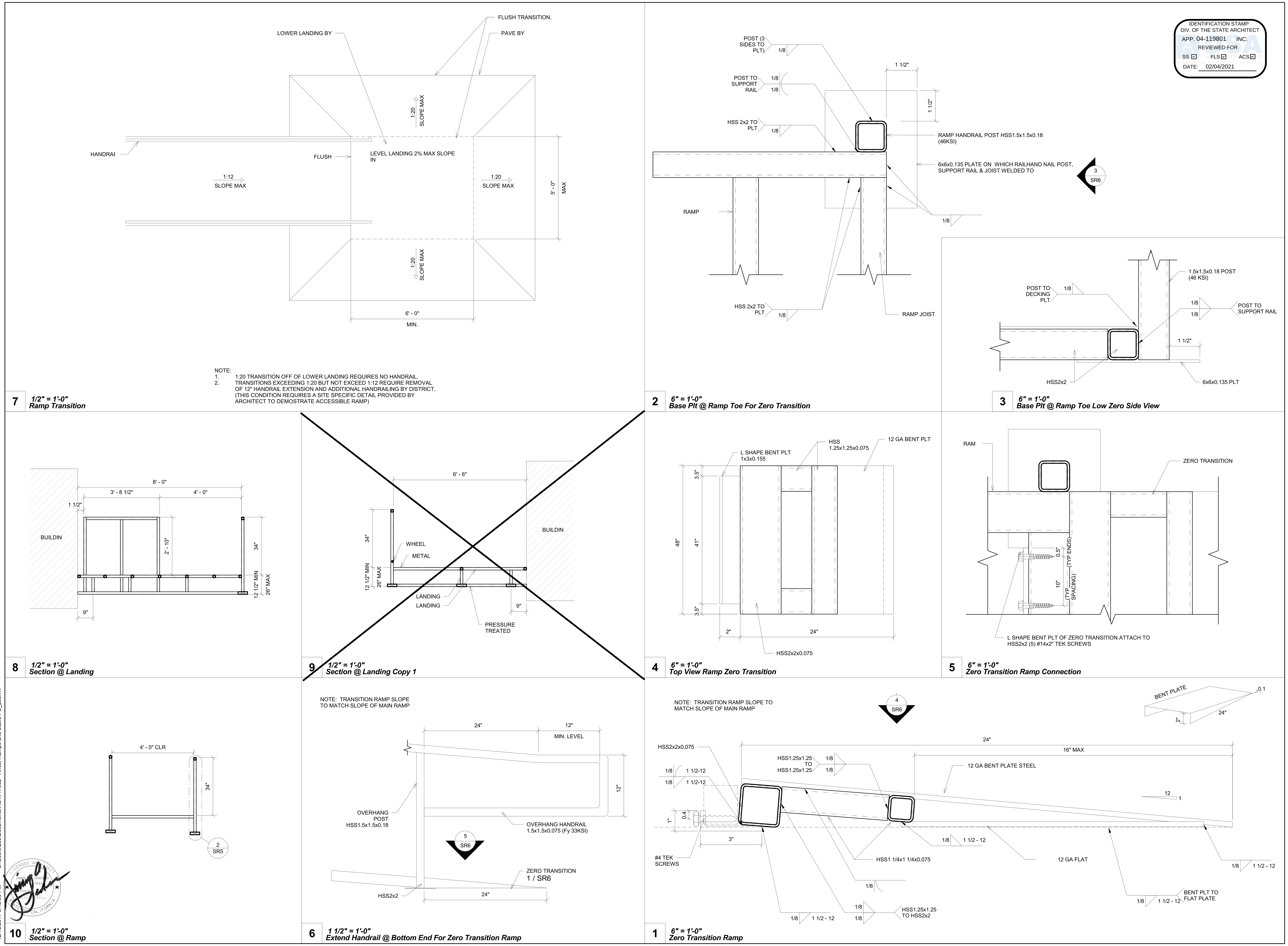
PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER 17016A
DRAWN BY SM
CHECKED BY rMc
DATE 05/04/2017
SHEET NO. SR5-2



LOWER LANDING BY
FLUSH TRANSITION,
PAVE BY
HANDRAI
FLUSH
LEVEL LANDING 2% MAX SLOPE IN
1:12 SLOPE MAX
1:20 SLOPE MAX
5' - 0" MAX
6' - 0" MIN.
NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)
7 1/2" = 1'-0" Ramp Transition
POST (3 SIDES TO PLT) 1/8
POST TO SUPPORT RAIL 1/8
HSS 2x2 TO PLT 1/8
1 1/2"
RAMP HANDRAIL POST HSS1.5x1.5x0.18 (46KSI)
6x6x0.135 PLATE ON WHICH RAILHAND NAIL POST, SUPPORT RAIL & JOIST WELDED TO
RAMP
RAMP JOIST
2 6" = 1'-0" Base Plt @ Ramp Toe For Zero Transition
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/04/2021
POST TO DECKING PLT 1/8
1.5x1.5x0.18 POST (46 KSI)
POST TO SUPPORT RAIL
HSS2x2
6x6x0.135 PLT
3 6" = 1'-0" Base Plt @ Ramp Toe Low Zero Side View
8'-0"
3'-8 1/2"
4'-0"
1 1/2"
BUILDIN
2'-10"
34"
12 1/2" MIN 26" MAX
9"
8 1/2" = 1'-0" Section @ Landing
6'-6"
WHEEL
METAL
LANDING
PRESSURE TREATED
9 1/2" = 1'-0" Section @ Landing Copy 1
L SHAPE BENT PLT 1x3x0.155
HSS 1.25x1.25x0.075
12 GA BENT PLT
48"
41"
3.5"
2"
24"
HSS2x2x0.075
4 6" = 1'-0" Top View Ramp Zero Transition
RAM
ZERO TRANSITION
0.5" (TYP ENDS)
10" (TYP SPACING)
L SHAPE BENT PLT OF ZERO TRANSITION ATTACH TO HSS2x2 (5) #14x2" TEK SCREWS
5 6" = 1'-0" Zero Transition Ramp Connection
4'-0" CLR
34"
2 SR5
10 1/2" = 1'-0" Section @ Ramp
NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP
24"
12"
MIN. LEVEL
OVERHANG POST HSS1.5x1.5x0.18
OVERHANG HANDRAIL 1.5x1.5x0.075 (Fy 33KSI)
5 SR6
ZERO TRANSITION 1 / SR6
HSS2x2
6 1 1/2" = 1'-0" Extend Handrail @ Bottom End For Zero Transition Ramp
NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP
4 SR6
BENT PLATE
HSS2x2x0.075
HSS1.25x1.25 TO HSS1.25x1.25
16" MAX
12 GA BENT PLATE STEEL
1 1/2-12
3"
#4 TEK SCREWS
HSS1 1/4x1 1/4x0.075
12 GA FLAT
BENT PLT TO FLAT PLATE
HSS1.25x1.25 TO HSS2x2
1 6" = 1'-0" Zero Transition Ramp

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-2

SHEET OF

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12/18/2017 5:45:06 PM

C-1.0 COVER SHEET
C-1.1 NOTES
F-1.0 24X40 - 50 PSF AND/OR 50+20 RELOCATION FOUNDATION PLAN
F-7.0 DETAILS & NOTES
SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING / STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

MODTECH DESIGN MT-2440

PC 04-101419

RELOCATABLE CLASSROOM BUILDINGS

BUILDING SIZE: 24'x40'

FOR

WILLIAMS SCOTSMAN

STOCKPILE

MODTECH JOB #4398 (X 52 BLDGS)

CLASS LEASING LLC - SERIAL NUMBERS - 2015

STOCKPILE 131	59508-08	59702 / 03
04-104946	59516-17	59730 / 31
	59712-13	59732 / 33
	59718-19	59740 / 41
	59734-35	59742 / 43
	59736-37	59754 / 55
	59790-91	59764 / 65
	59796-97	59768 / 69
	59798-99	59770 / 71
	59848-49	59782 / 83
	59850-51	59784 / 85
	59852-53	59438 /39
	59854-55	59460 / 61
	59856-57	59462 / 63
	59858-59	59452 / 53
	59862-63	59484 / 85
	59866-67	59486 / 87
	59872-73	
	59874-75	
	59876-77	
	59890-91	
	59892-93	
	59894-95	

40 TOTAL STKP 131 4-2015

IMPERIAL COLLEGE

(1) 24X40 CLASSROOM

SN: 59486 - 59487 RH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

~~F1.0 - CL FOUNDATION (PC 04-113776)~~
~~F2.1 - CL FOUNDATION (PC 04-113776)~~

CBC 1997 PC

FROM STOCKPILE TO SITE SPECIFIC
RELOCATION PACKAGE

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
FLOOR LIVE LOAD: 50 PSF
ROOF LIVE LOAD: 20 PSF

OCCUPANCY: 24'x40' CLASSROOM: E-2

BUILDING AREA:
24'x40' BUILDING – 960 SF

APPLICABLE CODES

TITLE 24. CCR, PART 2. 1998 CBC (97 UBC W/98 CA AMENDMENTS)
1997 UBC & 1998 CA AMENDMENTS (98 CBC – PART 2, TITLE 24, CCR)
1996 NEC & 1998 CA AMENDMENTS (98 CEC – PART 3, TITLE 24, CCR)
1997 UMC & 1998 CA AMENDMENTS (98 CMC – PART 4, TITLE 24, CCR)
1997 UPC & 1998 CA AMENDMENTS (98 CPC – PART 5 TITLE 24, CCR)
1997 UFC & 1998 CA AMENDMENTS (98 CFC – PART 9, TITLE 24, CCR)
1998 CA BUILDING STANDARDS CODE
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
(detail symbol)	DETAIL (1) ON SAME SHEET AS SYMBOL
(detail symbol)	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
(section symbol)	SECTION "A" ON SHEET (2)
(triangle 1)	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
(1)	DOOR REFERENCE
(A)	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP – SEE RAMP DRAWINGS

ABBREVIATIONS

AGC = ABOVE GRADE CONCRETE
BGC = BELOW GRADE CONCRETE
DIA = DIAMETER
CLR = CLEAR
GA = GAUGE
SIM = SIMILAR
MAX = MAXIMUM
MIN = MINIMUM
NIC = NOT IN CONTRACT
NTS = NOT TO SCALE
OC = ON CENTER
OD = OUTSIDE DIAMETER
OSB = ORIENTED STRAND BOARD
ROH = ROOF OVERHANG
SIM = SIMILAR
STS = SELF TAPPING SCREW
STSMS = SELF TAPPING SHEET METAL SCREW
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104946

SHEET INDEX • RELOCATION

ARCHITECTURAL

A0.0 TITLE SHEET
A1.0 FLOOR PLAN 24'X40'
~~A2.0 ROOF PLAN (DUAL PITCH) 24'X40'~~
A3.0 EXTERIOR ELEVATIONS (DUAL PITCH) 24'X40' W/ FASCIA
A4.0 INTERIOR ELEVATIONS 24'X40'
A5.0 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A6.0 ARCHITECTURAL DETAILS
A7.0 REFLECTED CEILING PLAN (24'X40') (12 LIGHTS)
A7.1 REFLECTED CEILING DETAILS

STRUCTURAL

~~F1.0 FOUNDATION PLAN~~
~~F3.11 FOUNDATION DETAILS~~
S1.0 FLOOR FRAMING PLAN 50 PSF LL
S1.2 FLOOR FRAMING DETAILS (TYPICAL)
S4.0 WALL FRAMING (WOOD)

MECHANICAL

M1.0 MECHANICAL (HVAC) PLAN 24'X40' -3 1/2 TONS

ELECTRICAL

E1.0 ELECTRICAL PLAN 24'X40'

RAMP

CLASS LEASING LLC PC 04-113776 RELOCATION
~~F1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX~~
~~F2.1 24x40 50+20 PSF FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD~~

REVISED
SEP 12 2002

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114632
DATE SEP 10 2015

REVISIONS

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4398
WILLIAMS SCOTSMAN

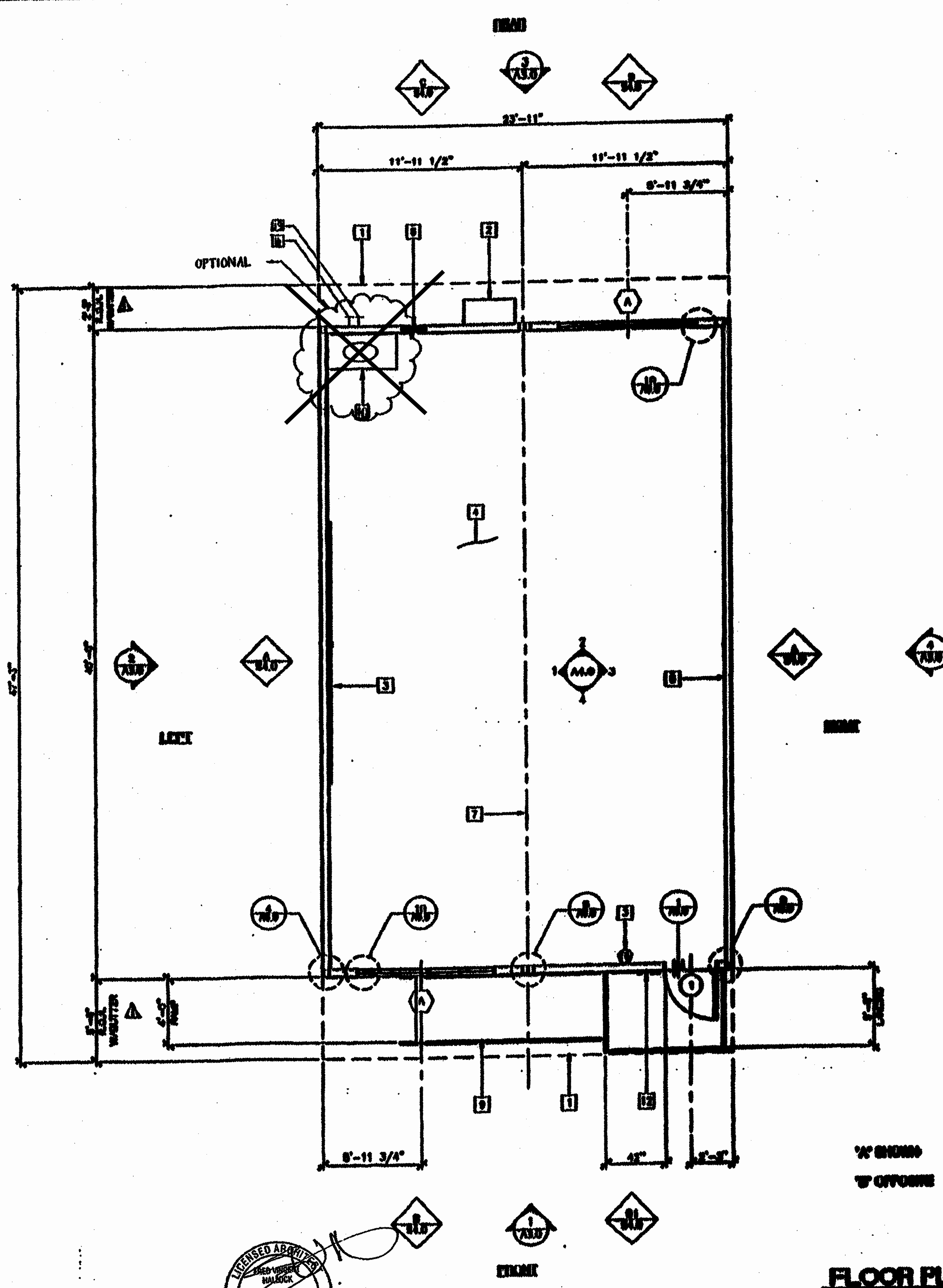
STOCKPILE 149 (1)-24x40 ALTERATIONS
FROM STKP 131 04-104946 SN: 59862-59863
CLASS LEASING, LLC. CL 2847 09-10-2015

DRAWN BY: WQ
DATE: 3/8/02
CHECKED BY:
DATE:

COVER SHEET STKP-131

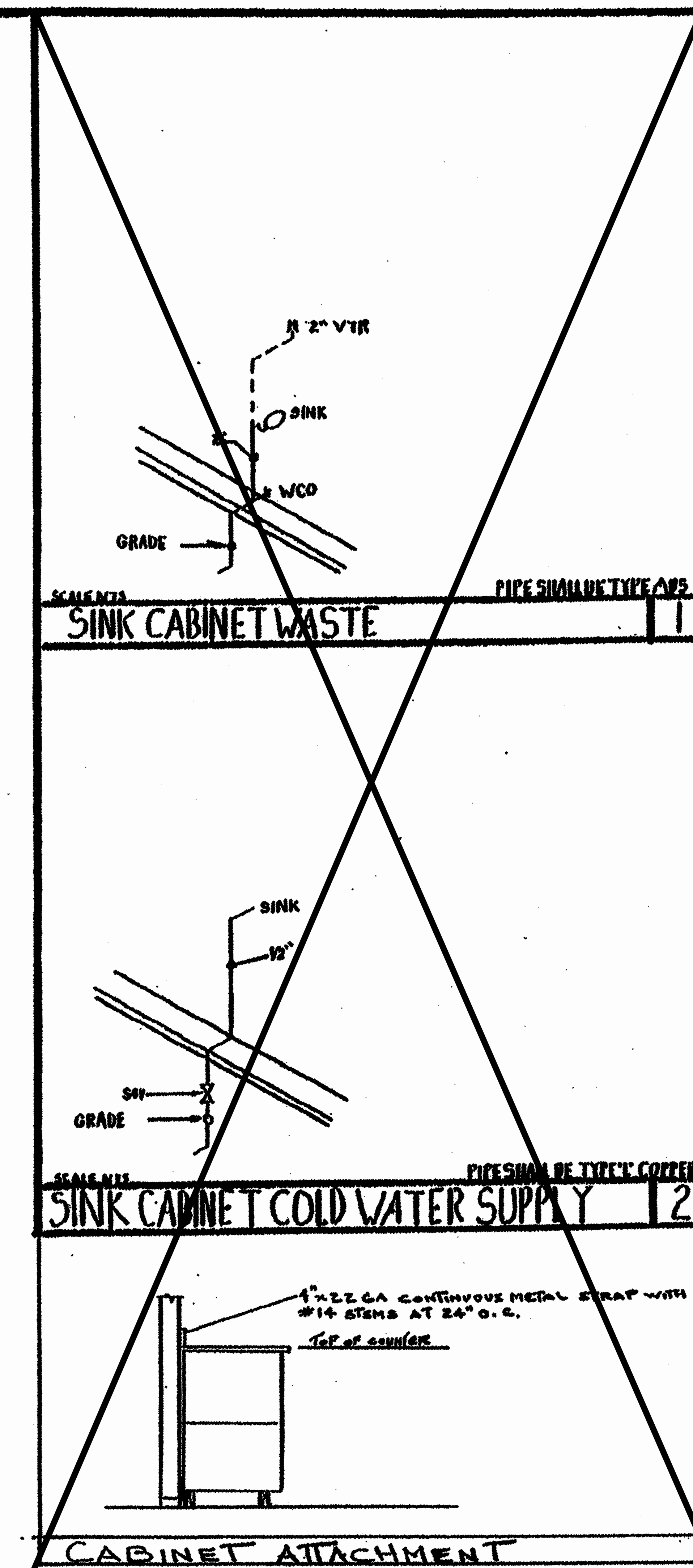
A0.01-3

PROJECT NUMBER: 4398



FLOOR PLAN

24x40
SCALE: 1/4" = 1'-0"



KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. 2 – 8'x4' MARKER BOARDS (SEE SPEC'S FOR TYPE)
4. FINISH FLOORING (FH)
5. INTERIOR FINISH (FN)
6. FIRE EXTINGUISHER – 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING WALL MOUNTED BRACKET, HANDLE AT 48" AFF
7. MODLINE (M)
8. ELECTRICAL PANEL
9. RAMP/LANDING (RW)
10. SINK CABINET OPTIONAL: (LOCATION MAY VARY)
    LAV: KOHLER # K-2007
    FAUCET CHICAGO 333-009
    BUBBLER - JSB-10
11. NOT USED
12. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY, SEE A5.0.
13. COLD WATER SUPPLY
14. WASTE AND VENT P.O.C.

IDENTIFICATION STAMP
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SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO NEAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER.
2. METAL TAG MIN. 3 1/2"X1 1/2" METAL I.D. W/
   1. DESIGN WIND LOAD
   2. DESIGN ROOF LOAD
3. PROVIDE MIN. 3 1/2"X1 1/2" METAL TAG INSTALLED INSIDE THE ELECTRICAL PANEL SHOWING OPSC NUMBER AND DSA NUMBER.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114653
DATE JUL 30 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114632
DATE SEP 10 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104946
DATE JAN 23 2003

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104310
DATE JUN 06 2002

PC
CBC 1998

STKP-131

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
1 Clarify overhangs				

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4151
WILLIAMS SCOTSMAN

STOCKPILE 149 (1)-24x40 ALTERATIONS
FROM STKP 131 04-104946 SN: 59862-59863
CLASS LEASING, LLC. CL 2847 09-10-2015

FLOOR PLAN

DRAWN BY: WQ
DATE: 3/6/02
CHECKED BY:
DATE:

A1.0-3

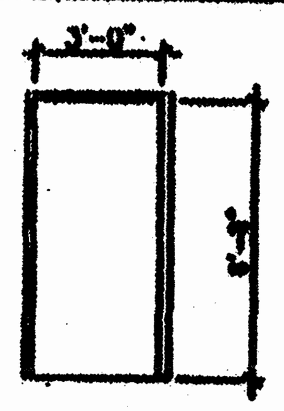
PROJECT NUMBER: 4097

DOOR SCHEDULE

DOORS							FRAMES					
DOOR NUMBER	FRAME OPENING SIZE	MATERIAL	TYPE	FIRE RATING	HARDWARE SET NO.	QUANTITY	MATERIAL	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	JAMB THROAT	NOTE NO.
1	3'-0" X 6'-8"	HM	A	NA	1	1	HM	7/A6.0	8/A6.0	1/A6.0	5-1/8"	

HM HOLLOW METAL
Al ALUMINUM
SSt – STAINLESS STEEL
STl – STEEL
WWF – WINDOW WALL FRAME
SCW SOLID CORE WOOD
HCW HOLLOW CORE WOOD
SCL SOLID CORE WOOD W/LAMINATED PLASTIC FACES

DOOR ELEVATIONS



TYPE A

DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 38" AFF & DEADBOLTS @ 44" AFF.
2. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
3. ALL DOORS SHALL BE 1-3/4" THICK UNO
4. DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
5. SAFETY GLASS, CLEAR
6. WIRE GLASS
7. UNDERCUT DOOR
8. FIXED LOUVER
9. FUSIBLE LINK LOUVER
10. VISION PANEL
11. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.

HARDWARE SCHEDULE

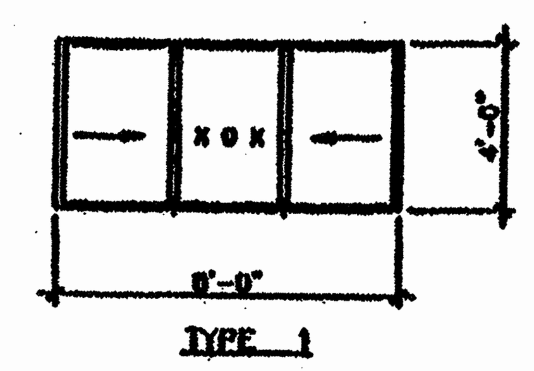
HARDWARE SET #1

LOCKSET	– SCHLAGE D70PD, RHODES LEVER, OR EQUAL
BUTTS	– 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL.
CLOSER	– NORTON 8500 DA / LCN 1460 OR EQUAL.
THRESHOLD	– PEMCO 271A OR EQUAL.
DOOR BOTTOM	– PEMCO 216AV OR EQUAL.
WEATHERSTRIP	– PEMCO 289AV OR EQUAL.
DOOR STOP	– QUALITY #44 OR EQUAL

WINDOW SCHEDULE

AMT.	TYPE	WIDTH	HEIGHT	FINISH	WIN. NO.	GLASS TYPE
2	1	8'-0"	4'-0"	ANODIZED	A	7/32" MIN. SOLAR GRAY 40%, SINGLE GLAZE

WINDOW ELEVATIONS

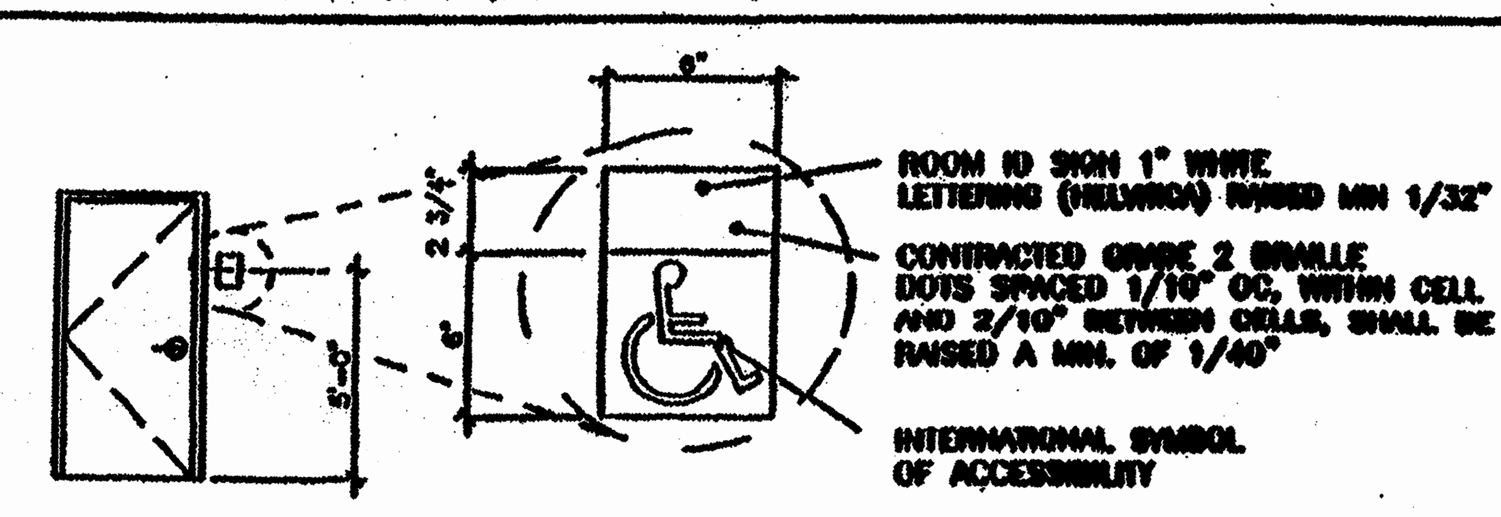


TYPE 1

WINDOW NOTES

1. 8040 XOX ANODIZED ALUMINUM GLAZING: EXTERIOR LITE 3/16" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LITE TRANSMISSION FACTOR OF 40%. 1/4" ALUMINUM SPACER. INTERIOR LITE – 1/8 MIN. CLEAR TEMPERED. ALL OPERABLE SASH SHALL HAVE ALUMINUM SSCREENS.

ACCESSIBILITY SIGNAGE (BY DISTRICT)



ENTRY DOOR FROM EXTERIOR VIEW

CBC 1998

PC

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS FRONT	WALLS LEFT	WALLS REAR	WALLS RIGHT	CEILING	CEILING HEIGHT	REMARKS
1	CLASSROOM	A	D	F	F	F	F	L	8'-8"	SEE SIGNAGE

A – CARPET PER STATE OF CALIF SPEC 7220-81E-04 COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN WITH 4" TOPSET BASE.
B – NOT USED
C – NOT USED
D – 4" RUBBER
E – 6" BRIGANTINE OR SANDOVAL
F – 1/2" VINYL (AURBOARD CLASS-I OVER 1/2" GYP. BOARD BACKING)
G – 1/2" W.R. GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH
H – 3/8" W.R. GYP. BOARD TAPE TEXTURE WITH PAINTED FINISH
I – 1/2" GYP. BOARD TAPE TEXTURE PAINTED WITH PAINTED FINISH
J – 3/8" GYP. BOARD TAPE TEXTURE PAINTED WITH PAINTED FINISH
K – 1/2" MARLITE OVER 1/2" W.R. GYP. BOARD
L – ACCOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

FINISH NOTES

1. SUB-FLOOR PREP:

PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLY IS PLUGGED AND TOUCH SANDED. ANY DEFORMATIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTER. THE JOINT AT THE MODULEJOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

NOTES

1. ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTERS 3,6,7,8, & 10 & C.F.C. & TITLE 19 C.C.R.
2. FOR DOOR AND DOOR FRAME DATA SEE SPECIFICATIONS ON SHEET A8.0.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114672
SEP 10 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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04 104946
JAN 23 2003

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
04 104410
JUN 06 2002

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114553
JUL 30 2015

REGISTERED ARCHITECT
EXP. 2-28-17
C10322
STATE OF CALIFORNIA

LICENSED ARCHITECT
12/31/03
STATE OF CALIFORNIA

STKP-131

REVISIONS

Electrical Engineer's Seal | Mechanical Engineer's Seal | Architect's Seal

PC-04 104410

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4151

WILLIAMS SCOTSMAN

STOCKPILE 149 (1)-24x40 ALTERATIONS
FROM STKP 131 04-104946 SN: 59862-59863
CLASS LEASING, LLC. CL 2847 09-10-2015

SCHEDULE SHEET

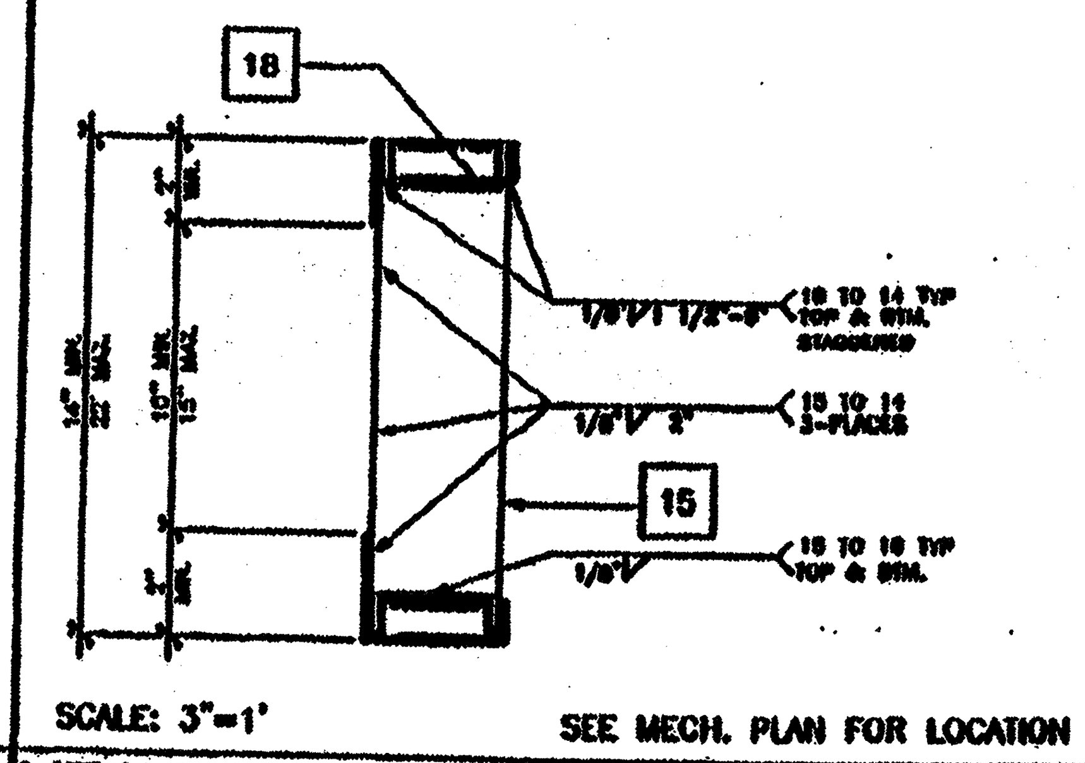
DRAWN BY: WQ
DATE: 3/6/02
CHECKED BY:
DATE:

A5.0 -3

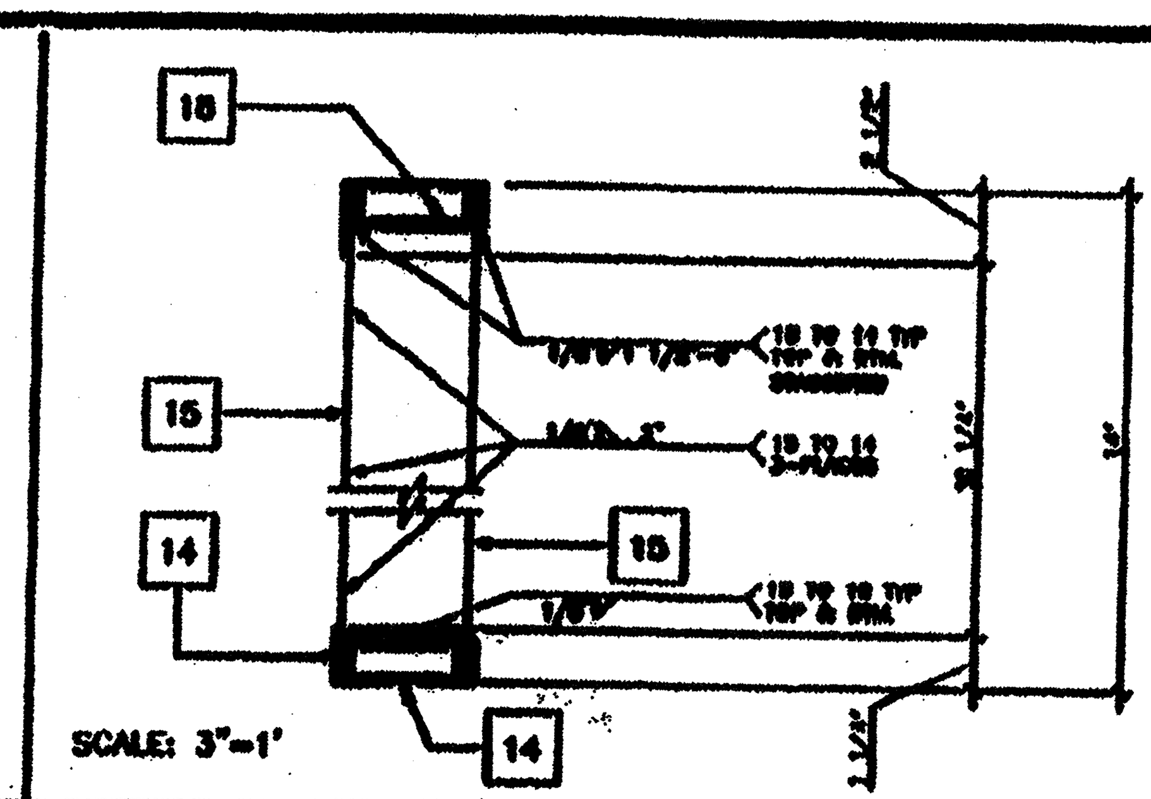
PC-04-111419 PROJECT NO. 4097

KEY NOTES

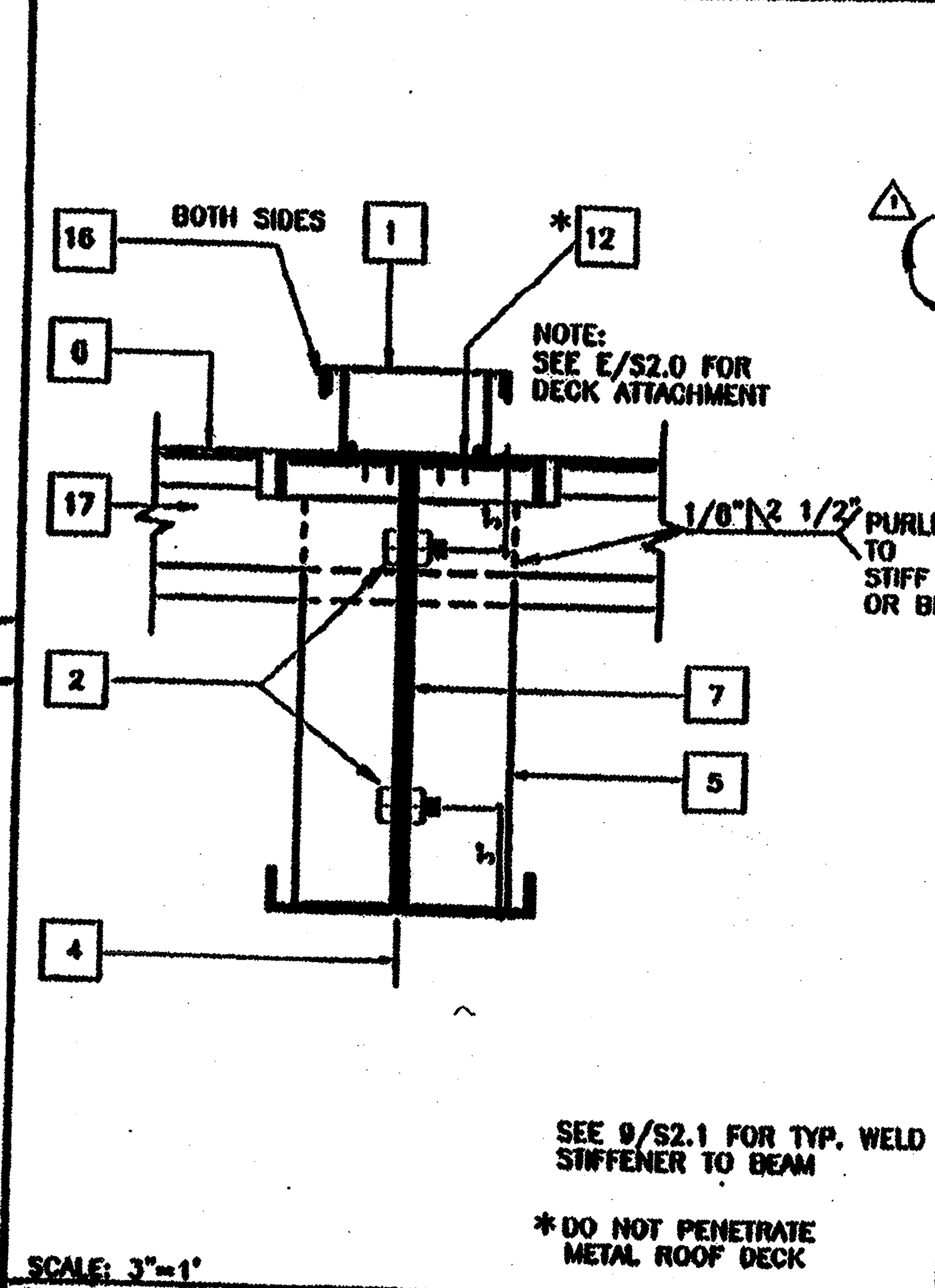
1	CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES
2	5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8' O.C.
3	E.N.
4	MODULE JOINT
5	14" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY (SEE 9/S2.1)
6	STANDING ROOF SEAM (SEE A2.0)
7	ROOF BEAM SEE 1/S2.1 & 7/S2.1
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST SEE 6/S2.1
10	FLOOR BEAM SEE 5/S2.1
11	HAND HOLE AT BOLT LOCATION
12	#14 STSMS.
13	3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN. SEE 12/S2.1
14	ROOF HEADER SEE 3/S2.1
15	1/4" STIFFENER PLATE SEE 9/S2.1 FOR TYP. WELD
16	SEALANT
17	ROOF PURLIN SEE 2/S2.1
18	3 1/4" X 1" X 45 11/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING



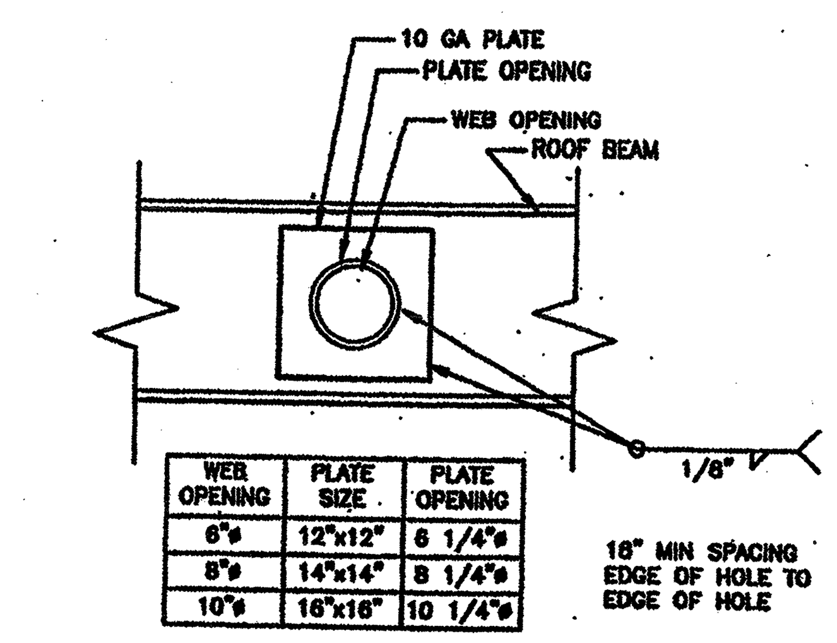
MECH. DUCT OPENING IN ROOF BM. 8



MECH. DUCT OPENING IN HEADER 4

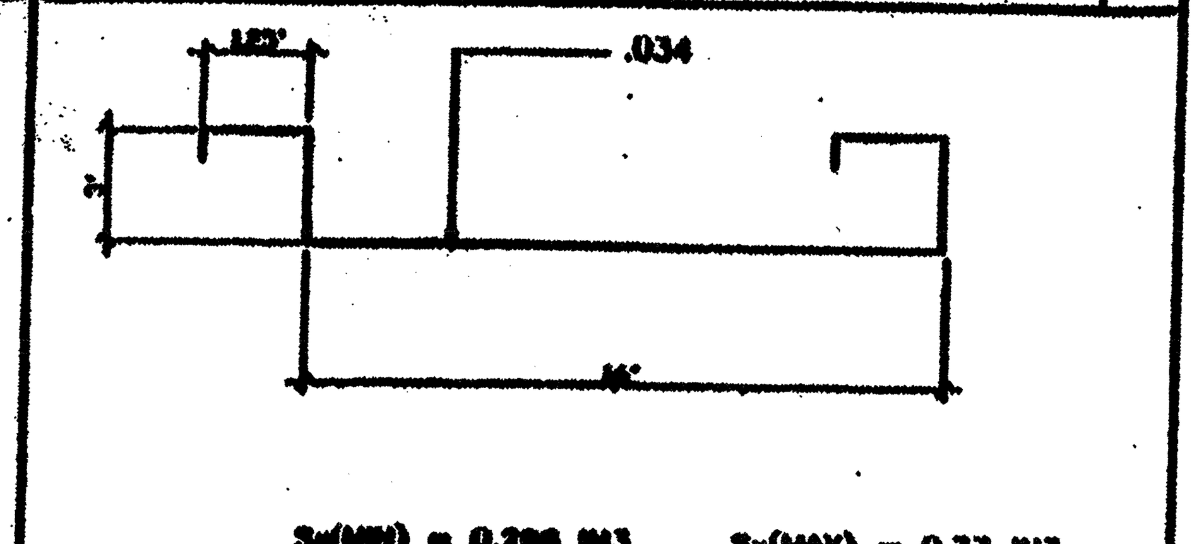


ROOFING @ MODLINE 1



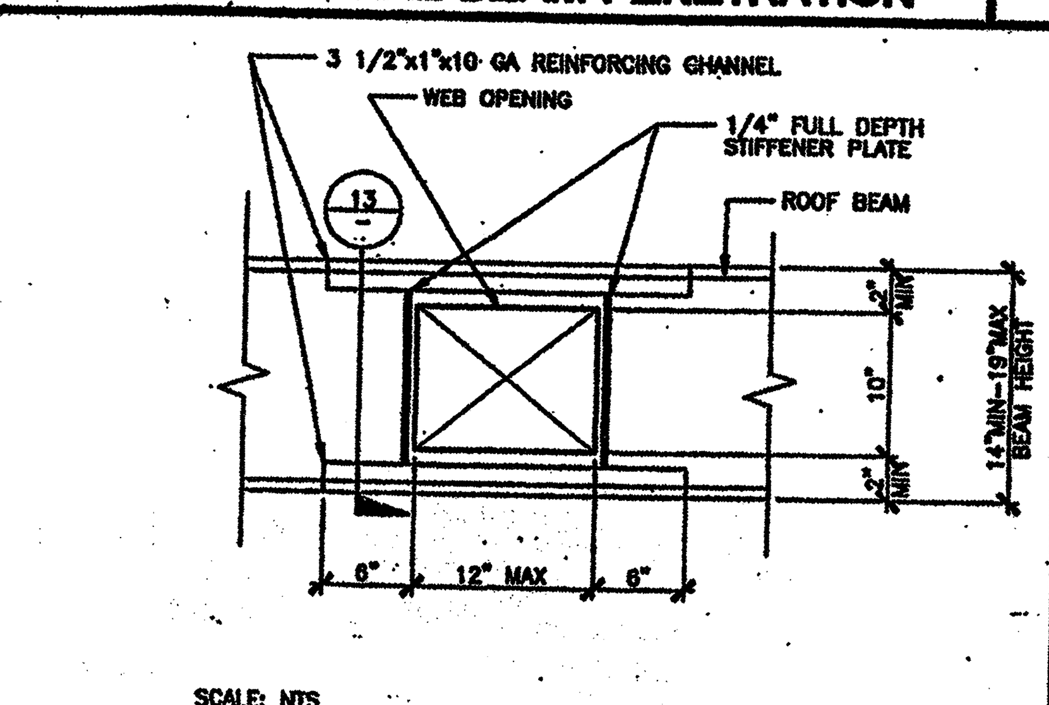
WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

OPTIONAL BEAM PENETRATION

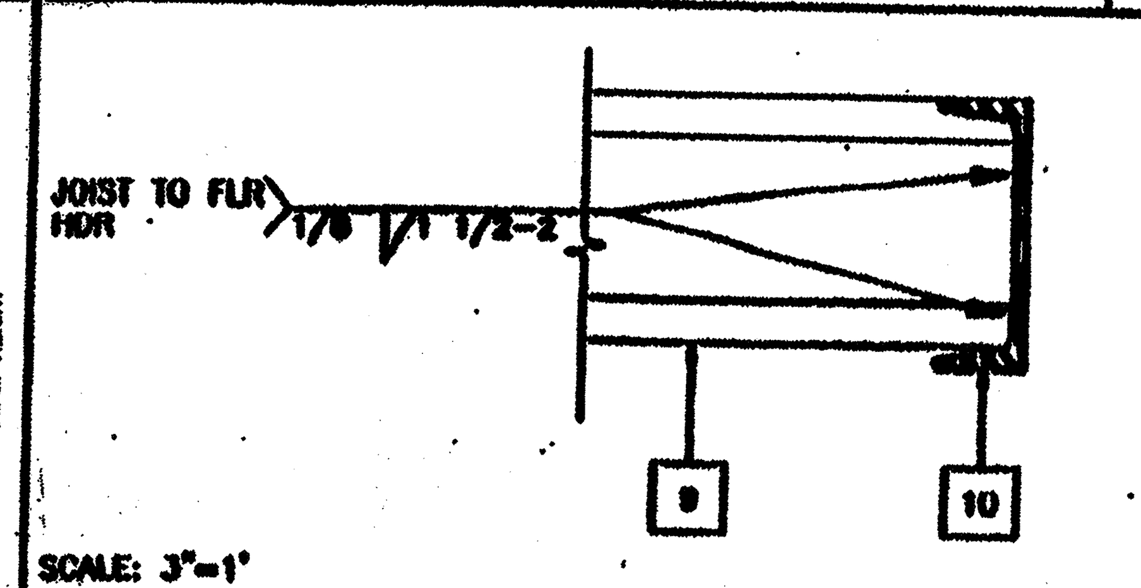


Sx(MIN) = 0.286 IN3 Sx(MAX) = 0.33 IN3
Ix(MIN) = 0.446 IN4 Ix(MAX) = 0.603 IN4

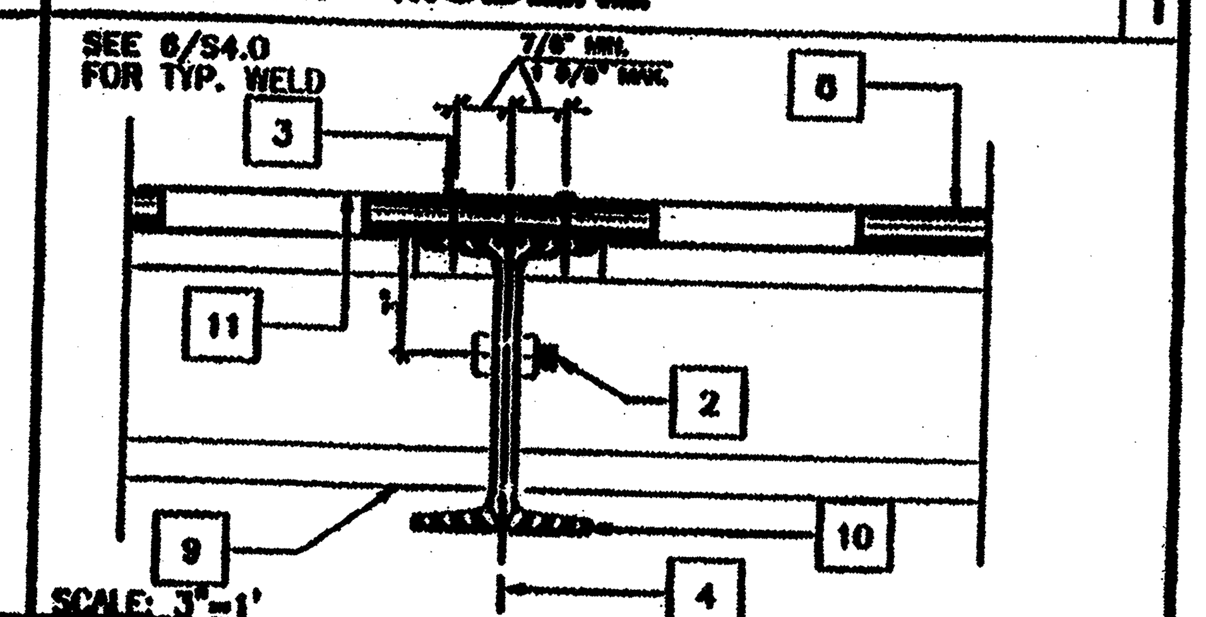
ROOF PAN (22GA.) 5



OPTIONAL BEAM PENETRATION



FLOOR FRAME/JOIST TO BEAM 6



MODULE JOINT AT FLR. 12'-0" 2

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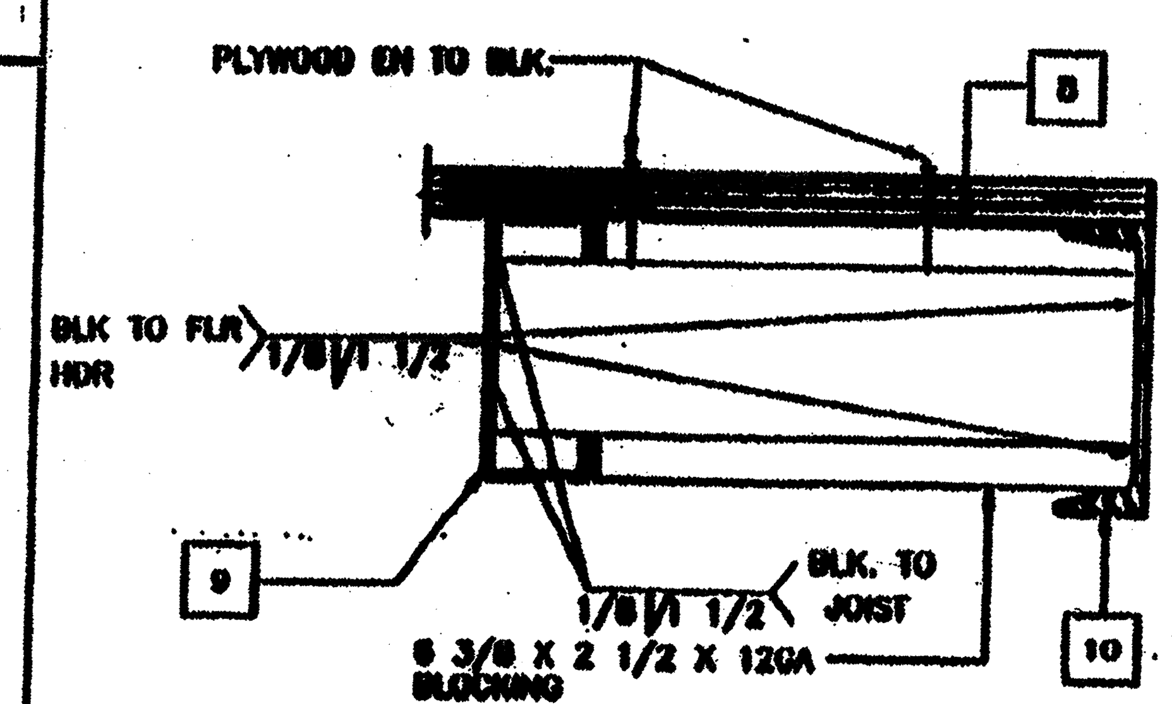
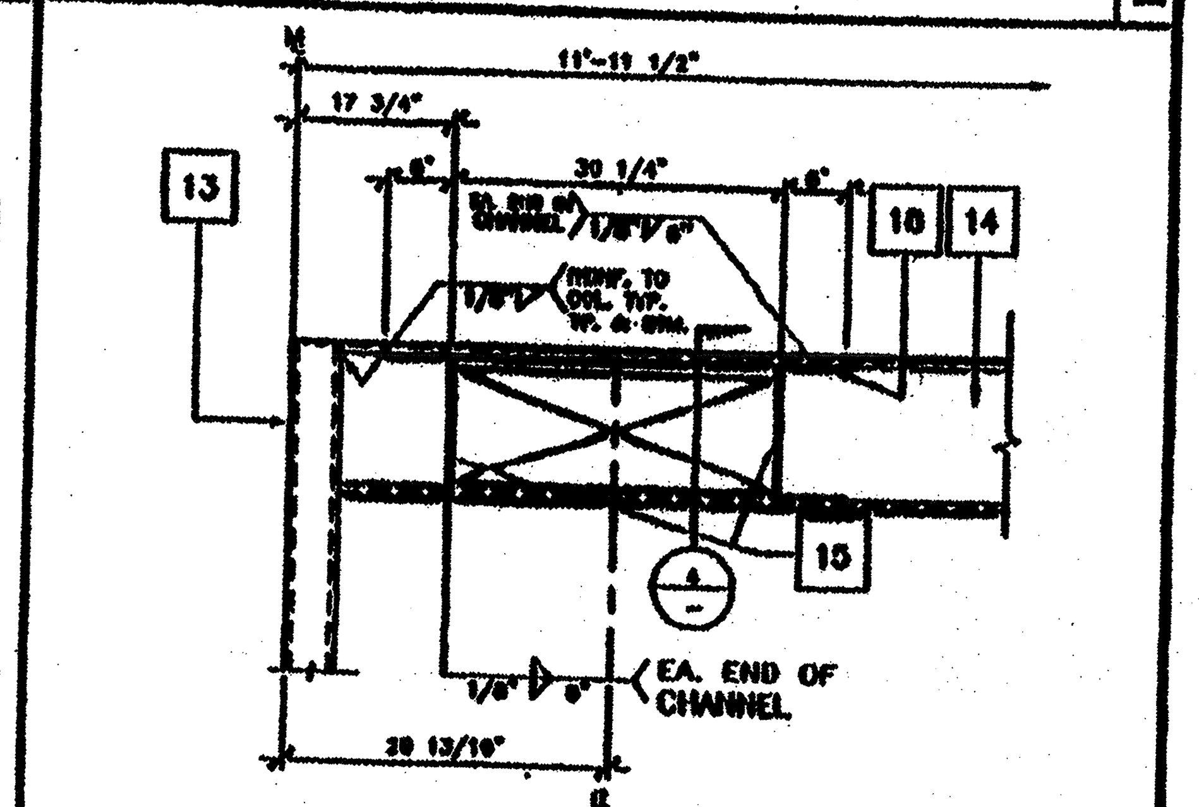


10 BLOCK AT MIDSPAN 7



ELEVATION-OPENING 3

STKP-131

REVISIONS			
1	DD	CORRECT KEYNOTE 2	09-10-01

PC-04 10419

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4151 © MODTECH, INC. 1999
WILLIAMS SCOTSMAN
STOCKPILE 149 (1)-24x40 ALTERATIONS
FROM STKP 131 04-104946 SN: 59862-59863
CLASS LEASING, LLC. CL 2847 09-10-2015

STRUCTURAL DETAILS

DRAWN BY: WQ
DATE: 3/6/02
CHECKED BY:
DATE:

S1.2-3

PC-04-101419

CLASS LEASING, LLC.

1320 Oleander Ave. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

RELOCATION FOUNDATION PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION - 2016 CODE UPDATE

FOUNDATIONS

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2015 IBC AND CBC 2016

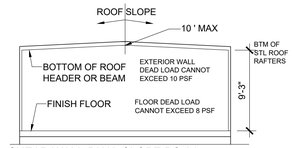
SEISMIC DESIGN DATA:	MOMENT FRAME PC'S
Basic Seismic-Force-Resisting System	= STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING	= 8573 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 11950 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	=15330 # (Roof, Floor, Walls & Partitions)

I: = 1.0 Cs = 0.514 R: = 3.5 SITE CLASS =D
Ss = 2.7 mapped value
SDs = 1.80 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389
RISK CATEGORY = II

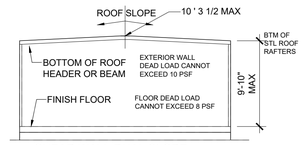
SEISMIC DESIGN DATA:	SHEAR WALL PC'S
Basic Seismic-Force-Resisting System	= WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING	= 4920 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 6440 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	=8261 # (Roof, Floor, Walls & Partitions)

I: = 1.0 Cs = 0.277 R: = 6.5 SITE CLASS =D p = 1.3
Ss = 2.7
SDs = 1.8 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389 To Approval)
RISK CATEGORY = II

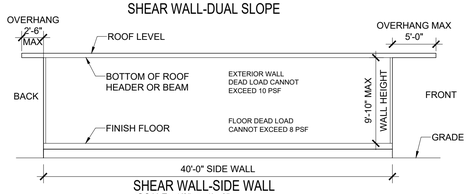
FLOOD DESIGN DATA: Project is not located in a flood zone.



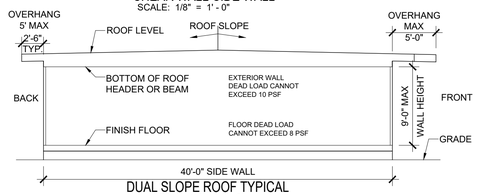
SHEAR WALL-DUAL SLOPE PC-247



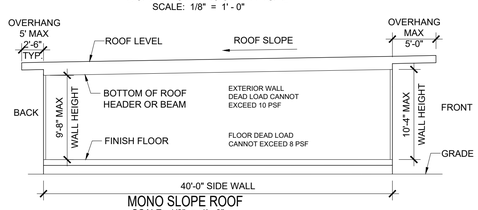
SHEAR WALL-DUAL SLOPE



SHEAR WALL-SIDE WALL
SCALE: 1/8" = 1' - 0"



DUAL SLOPE ROOF TYPICAL
SCALE: 1/8" = 1' - 0"



MONO SLOPE ROOF
SCALE: 1/8" = 1' - 0"

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC LIMITATIONS ONLY. DOCUMENTATION SHALL BE PROVIDED BY ENGINEER IN GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWINGS.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. **DSA APPROVED STOCKPILE BUILDINGS**
2. **ROOF OVERHANGS OF 5'-0" MAXIMUM**
3. **MONO SLOPE OR DUAL SLOPE BUILDINGS**
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON MONO SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL - DUAL SLOPE BUILDING
4. **WALL DEAD LOAD OF 10 PSF (NO STUCCO)**
5. **FLOOR DEAD LOAD OF 8 PSF**

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 01	52513	46750-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 04	52516	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 05	52515	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50#, 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	**50#**	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
	04-105203	PC 04-101055	06-29-1999	24 x 40	50+20#	AURORA
	03-105678	PC 04-101055	06-29-1999	24 x 40	50#	AURORA
	04-101403	PC 362	10-16-1997	24 x 40	50 + 20#	MSI

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-106-419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	36 x 40	**70#**	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113418	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

DSA-103 rev 12/20/13
Statement of Structural Tests & Special Inspections - 2016 CBC
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES

INCREMENT #: Date Submitted:
DSA File No.: Application No.: Revised: Revised:

SCHOOL NAME: SAMPLE: CONCRETE FOUNDATION DISTRICT:

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual test and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is mandatory for the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "PRINT FORM" button to print a list of the tests finally selected. For more information on use of this form, see DSA - 103, INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED		TEST OR SPECIAL INSPECTION	TYPE [1]	PERFORMED BY [2]	CODE REFERENCE AND NOTES
-	SOILS				
	1. GENERAL:				Table 1705A.6
X	a.	Verify that: • site has been prepared prior to placement of controlled filled and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. * Soil test and inspections are only applicable if there is Geotechnical Report
-	2. COMPACTED FILLS:				Table 1705A.6
X	a.	Perform qualification testing of fill materials.	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	b.	Verify use of proper materials and inspect lift thickness, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c.	Test compaction of fill.	Test	Lab*	* Under the supervision of the geotechnical engineer. * Soil test and inspections are only applicable if there is Geotechnical Report
-	CONCRETE				Table 1705A.3
-	7. CAST IN PLACE CONCRETE				
	Material Verification and Testing:				
X	a.	Verify use of required design mix.	Periodic	SI & PI *	* To be performed by batch - plant special inspector and project inspector.
X	b.	Test reinforcing steel.	Test	Lab*	1913A.2 (1913.2.6); ASTM A370. DSA IR 17 - 10
X	C.	Perform slump, temperature, and (where required) air contents tests.	Test	Lab*	ASTM C172, ASTM C231.
X	d.	Test concrete (compression).	Test	Lab*	ACI 318 Section 5.6 and 1905A. 1.2 (1913.3.1); ASTM C39.
	Inspection:				
X	e.	Batch plant inspection	Continuous	SI	1705A.3.2: If approved by DSA, batch plant inspection may be reduced to periodic if plant complies with 1705A.3.3, Item 1, and requires first batch inspection, weighmaster, and batch tickets.
X	g.	Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
+	MASONRY				TMS 402 - 11/ACI 530 - 11/ASCE 5 - 11 Table 1.19.3
-	STEEL				Table 1705A.2.1
-	17. STRUCTURAL STEEL AND COLD - FORMED STEEL USED FOR STRUCTURAL PURPOSES				
	Material Verification:				
X	a.	Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Periodic	-	* By a special inspector when performed off- site; by project inspector steel shipped directly to project site without welding or fabrication.
X	b.	Test unidentified materials	Test	Lab*	2205A.1 (2203.1). ASTM A370.
	Inspection:				
X	d.	Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e.	Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
-	19. WELDING:				DSA IR 17 - 3 AWS D1.1 AND AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc				
X	a.	Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b.	Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c.	Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17 - 3.
-	19.2 FIELD WELDING:				
X	c.	Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Per AISC 360 (and AISC 341 as applicable). DSA IR 17 - 3.
+	WOOD				
+	OTHER				

1 Soil testing and Inspection: Geotechnical Verified Report - Form DSA - 293
2 All Structural Testing: Laboratory Verified Report - Form DSA - 291
3 Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA - 292
4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA - 252

KEY to Columns	
1 Type -	2 Performed By -
Continuous - Indicates that a continuous special inspection required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic - Indicates that a periodic special inspection is required	LAB - Indicates that the test or inspection is to be performed by a testing a laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4 - 335, 2013 CCR Title 24, Part 1.
Test - Indicates that a test is required	PI - Indicates that the special inspection is to be performed by the project inspector

THE EXAMPLE FORM DSA - 103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA - 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA - 103 ARE TO BE CROSSED OUT ON THIS DRAWING.

DSA 103 EXAMPLE IS FOR REFERENCE ONLY

REVISIONS	BY
1	
2	
3	
4	
5	
6	

CLASS LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

ENGINEER

Date Signed: February 26, 2019

AOR

SHEET TITLE:
COVER SHEET

DATE: 02-25-2019
DRAWN BY: Bernnie P.
SCALE: AS SHOWN
JOB: -

C-1.0-3

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

NOTES CONTINUED:

CONTRACTOR OPERATIONSHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACITLITES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND PERSONEL.

NOTES:

3.01 CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.

2. WORKMANSHIP:

a. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL, PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES

b. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE COROSION RESISTANT BOX NAILS.

c. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT.THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8,IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF IT MINIMUM ALLOWABLE EDGES DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

d. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

4.01 MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-LANCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER.INSPECTION BUREAU LATEST EDITIONS.GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR NO. 2

2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4' X 8' PANELS MINIMUM, EXCEPT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 2" AT WALLS.

3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-2012 & 2012 EDITION OF **NDS** THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION). BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2012 NDS. BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY STEEL BOLTS WITH MINIMUM YIELD STRENGTH OF 45,000 PSI. RE TIGHTEN BOLTS BEFORE CLOSING IN WORK.

4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARD B18.2.1 AND 2012 NDS. HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. ONE QUARTER INCH (1/4) DIAMETER LAG SCREWS NEED NOT HAVE PRE-AIMED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREW WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.

5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUR WASHERS) UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON ON WOOD.

6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2012 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS.SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.

7. WOOD MEMBER SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.

8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.

9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2012 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2 TABLE 2304.9.1. ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENT OF CCR TITLE 24, PART 2, WITH MINIMUM
BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENT BELOW.)

10. NAIL EQUIVALENCE: (PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O.)
6D EQUALS . 113" DIA. - PROVIDE 1.36" MINIMUM POINT PENETRATION
8D EQUALS . 131" DIA. - PROVIDE 1.57" MINIMUM POINT PENETRATION

11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.8, CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.8.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS " FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIALS SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.8. TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBER WITH AN APPROVED PRESERVATIVE. (WILLARD W/B COPPER GREEN 2% OR AN APPROVED EQUIVALENT). WHERE NOTED, MEMBERS BELOW SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.

12. ONLY MATERIAL IN CONTACT WITH GROUND NEEDS TO BE PRESSURE TREATED ALL OTHER FOUNDATION MEMBER CAN BE DF OR HF#2 OR EQUAL.

13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2.MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.

14. FASTENERS FOR PRESURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOODS SHALL COMPLY WITH SECTION 2304.9 OF CBC.

15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.9.1.1 OF CBC.

16. SHIM MATERIALS SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED).

17. USED LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM.

18. TIE PLATES SHALL CONFORM TO A-1011 GRADE 33.

NOTES CONTINUED:

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OR GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSERVATION
SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC., ADDITIONAL COST WILL BE CHANGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. PROVIDE ELECTRICAL GROUNDING TEST PER DSA IR E-1.

2. FIELD WELDING FOR WELDED TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION.)

THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY
A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTION ARE REQUIRED.

7.01 CONCRETE AND REINFORCING STEEL

1. SOIL TYPE AND FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. ALL CONCRETE SHALL HAVE MINIMUM STRENGTH AT 28 DAYS FOOTINGS: f'c = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI).
3. CONCRETE SHALL CONFORM TO CBC 2016 AND ACI 318-14 CONCRETE MIX DESIGN SHALL BE PROVIDED (ACI 3 POINT CURVE) FOR REVIEW.
f'c = 3000 PSI AT 28 DAYS.
AGGREGATE SHALL BE 3/4" TO 1" MAX SIZE BUT NOT GREATER THAN 3/4" MIN CLEAR BAR SPACING.
WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK.
MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
4. CONTINUOUS BATCH PLANT INSPECTION SHALL BE PROVIDED FOR ALL CONCRETE.
5. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150, UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT.
6. PORTLAND CEMENT CONFORMING TO ASTM C - 150, TYPE II LOW ALKALI.
7. NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C-33. EXPANDED CLAY SHALL CONFORM TO ASTM C-330.
8. FOR SLAB-ON-GRADE: MINIMUM CEMENT CONTENT SHALL BE 5.3 SACKS PER CU.YARD.
9. CONCRETE MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
10. FLY ASH (CLASS N OR F ONLY) IS NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT OR ENGINEER AND SHALL NOT EXCEED 12% VOLUME OF THE TOTAL CEMENT CONTENT.
11. REINFORCING STEEL GRADE 40 OR 60: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615, GRADE 60, EXCEPT TIES AND STIRRUPS NO.3 AND NO.4 MAY BE GRADE 40.
12. WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706 OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-2011.
13. ALL REINFORCING STEEL SHALL HAVE A 57 BAR DIAMETER MINIMUM LAP SPLICE (2'-0" MINIMUM) UNLESS NOTED OTHERWISE.
14. SPLICES OF HORIZONTAL REINFORCING IN WALLS SHALL BE STAGGERED.
15. ANCHOR PLATES SHALL CONFORM TO ASTM A-36.
16. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307
17. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
18. NOT USED
19. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
20. FOR FOOTING USING TRENCH FOR FORMING: WIDTH SHALL BE INCREASED 2" EACH SIDE.

ADJACENT BUILDINGS:
ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

SPECIFICATIONS
RELOCATABLE CLASSROOMS

1.01 GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY. ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAMED PRODUCTS.

1.02 SCOPE OF WORK:

1. THE WORK CONSIST OF INSTALLING ON-SITE, MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS.

2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE OF REGULATION) TITLE 19 AND 24 RELATING TO
INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an Inspector approved by DSA (Division of the State Architect) and the District Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as many be required by DSA. Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. ALL ON-SITE OR UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS.
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STROPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, CLOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM. TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

1.04 ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

2.01 SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE DISTRICT ARCHITECT.
2. ASSEMBLY OF ELEMENTS:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assemble and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.
UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS ETC., ADDITIONAL COSTS WILL BE CHARGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. Soils Testing and Inspection: Geotechnical Verified Report - Form DSA 293
3. All Structural Testing: Laboratory Verified Report -Form DSA 291
4. Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA 292
5. Field Welding Inspection: Special Inspection Verified Report - Form DSA - 292.
6. No other tests and inspections are required.

Soil test and inspections are only applicable if there is Geotechnical Report

STOCKPILE CLASSROOM RELOCATION - BASIC BELOW GRADE FOUNDATION PLANS, ABOVE GRADE FOUNDATION PLANS

MULTIPLE BUILDINGS MAY BE PLACED TOGETHER FOR DISTRICT SITE REQUIREMENTS.

ADDITIONAL VENTILATION - ACCESS MUST BE PROVIDED FOR THE OVERALL BUILDING PLAN:

APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2016 CBC

2016 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2017*
-2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, Title 24, C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA BUILDING CODE (CBC), PART 2, Title 24 C.C.R.
(2015 International Building Code Volume 1-2 and 2016 California Amendments)

-2016 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, C.C.R.
(2014 NATIONAL ELECTRICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, C.C.R.
(2015 UNIFORM MECHANICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, C.C.R.
(2015 UNIFORM PLUMBING CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, C.C.R.*

-2016 CALIFORNIA FIRE CODE PARTS 9, TITLE 24, C.C.R.
(2015 INTERNATIONAL FIRE CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, C.C.R.

TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.
2013 ASME A17.1 Safety Code for Elevators and Escalators.

GENERAL NOTES:

-ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

-CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE B AN ADDENDUM OR A CONSTRUCITON CHANGED DOCUMENT (CCD) APPROVED BY TGE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

-A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 2, CCR.

-A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), R A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317 (c). PART 1, TITLE 24, CCR).

-GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WIT ALL LOCAL ORDINANCES.

THE BUILDING SHALL BE SET ON 3000 PSI CONCRETE PADS , DESIGNED FOR A MAXIMUM OF 1500 PSF LOAD ON THE SOIL WITH A MINIMUM 12 INCH PENETRATION INTO EARTH PER THE DSA APPROVED PC DRAWINGS. THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL PER THE APPROVED PC DRAWINGS.
BELOW GRADE FOUNDATION REQUIRES 18" CLEARANCE UNDER BUILDING FROM THE BOTTOM OF THE PURLINS TO THE TOP OF FINISH PAD OR TOP OF RODENT BARRIER. THE FOOTING DESIGN SHALL PROVIDE SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN THE TOLERANCE ALLOWED BY CODE AND/OR DSA.
THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. ALL RIGGING AND CRANING ARE NOT INCLUDED IN THIS SECTION. THE DISTRICT SHALL PROVIDE STAKED CORNERS AND A BENCHMARK PER THE ARCHITECTS PLANS. THE DISTRICT SHALL BE RESPONSIBLE FOR ANY OVER EXCAVATION AND COMPACTION OF THE BUILDING PAD. THE DISTRICT SHALL PROVIDE THE CONTRACTOR AND/OR CLASS LEASING AND EXCAVATED CLEAR 22'x50' PAD LEVEL WITHIN +/- 1' OVER THE DIAGONAL MEASUREMENT OF THE PAD. THE DISTRICT IS RESPONSIBLE FOR ALL SOILS/SPOILS REMOVAL, HAUL OFF, BACKFILL AND RE-COMPACTION.

FOUNDATION PLAN CAN BE EXPANDED TO ACCOMMODATE VARIOUS BLDGS AS A COMMON FOUNDATION FOLLOWING:
FOUNDATION AT BUILDING SEPARATION DETAIL SEE SHEETS:
C-2.0, C-3.0, C-4.0, C-5.0 AND C-6.0.
VENTING REQUIREMENTS FOR BLDGS ON COMMON FOUNDATION MUST BE PROVIDED & SHOWN IN (AOR) ARCHITECTURAL/CIVIL PLANS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CONTRACTOR IS RESPONSIBLE FOR THE OVERALL CONCRETE FOUNDATION DIMENSIONS AND ACCURATE PLACEMENT OF WELD PLATES.

STOCKPILE CLASSROOM NOTES

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
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CLASS LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

ENGINEER

JAMES T. SIMPSON No.3602 REGISTERED PROFESSIONAL ENGINEER STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE: NOTES

DATE: 02-25-2019

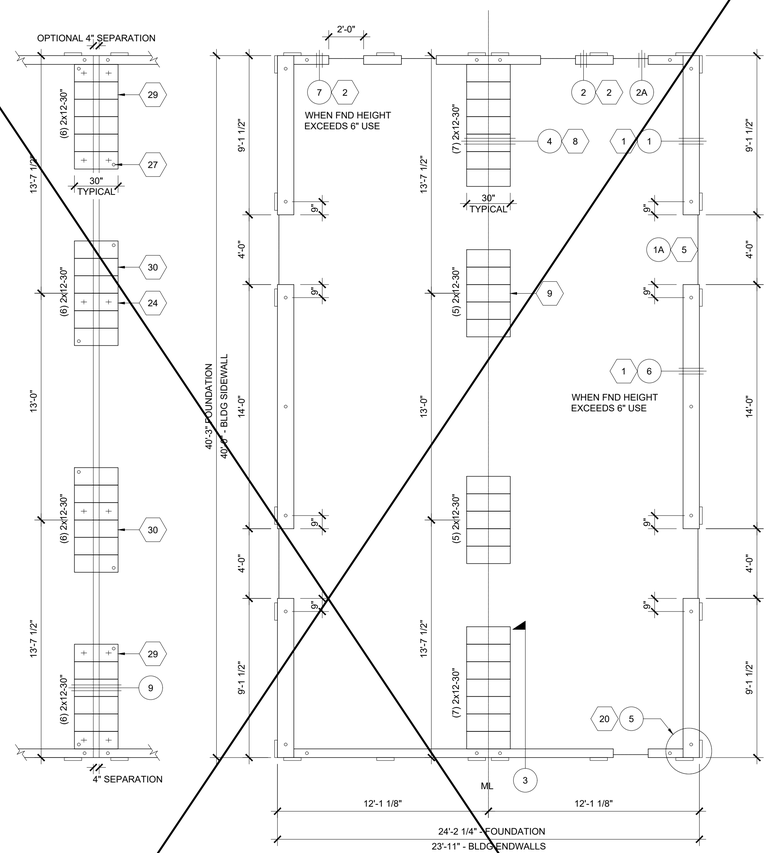
DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB: -

C-1.1-3

LICENSED ARCHITECT JAMES SANDERS 17644 REGISTERED CALIFORNIA



FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

☒ TYPICAL 24x40 FOUNDATION PLAN 50 + 20 PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH.
PREFORMED L-SIZE REQUIRED WITH 3" RETURN

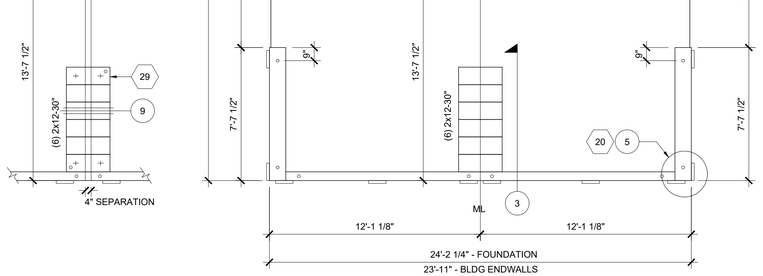
BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 48" SIDE VENT = 1.00 S.F.
3" x 24" END VENT = .5 S.F.

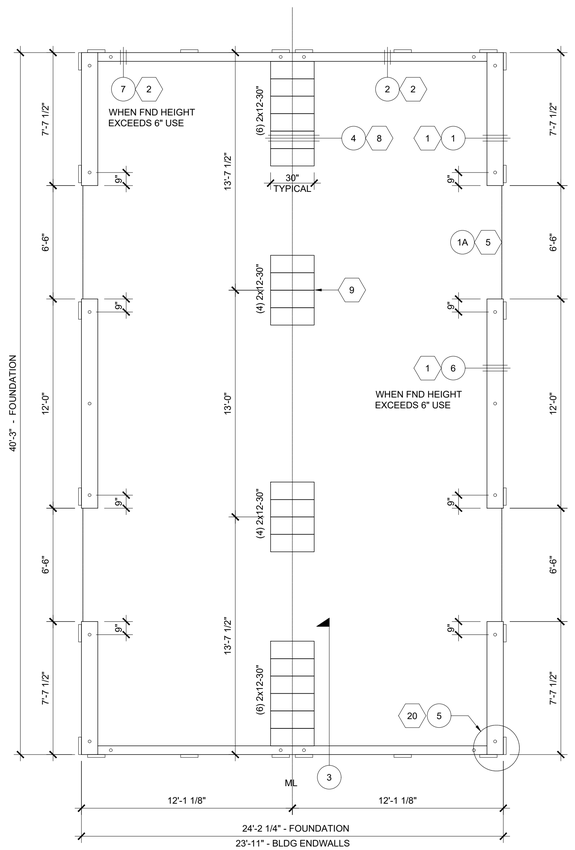
PROVIDE:
4 - 3" x 48" SIDE WALL VENTS = 4.0 S.F.
5 - 3" x 24" END WALL VENTS = 2.5 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS





FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

☒ TYPICAL 24x40 FOUNDATION PLAN 50 - PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH.
PREFORMED L-SIZE REQUIRED WITH 3" RETURN

BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 6'-6" SIDE VENT = 1.63 S.F.

PROVIDE:
4 - 3" x 6'-6" SIDE WALL VENTS = 6.52 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS

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DATE: 03/04/2019

ENGINEER

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No.36021 STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE:
24x40 - 50 PSF AND/OR 50 + 20
RELOCATION
FOUNDATION PLAN

DATE: 02-25-2019

DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB: 24x40 - 50 PSF

F-1.0-3

PRE-CHECK (PC) DOCUMENT
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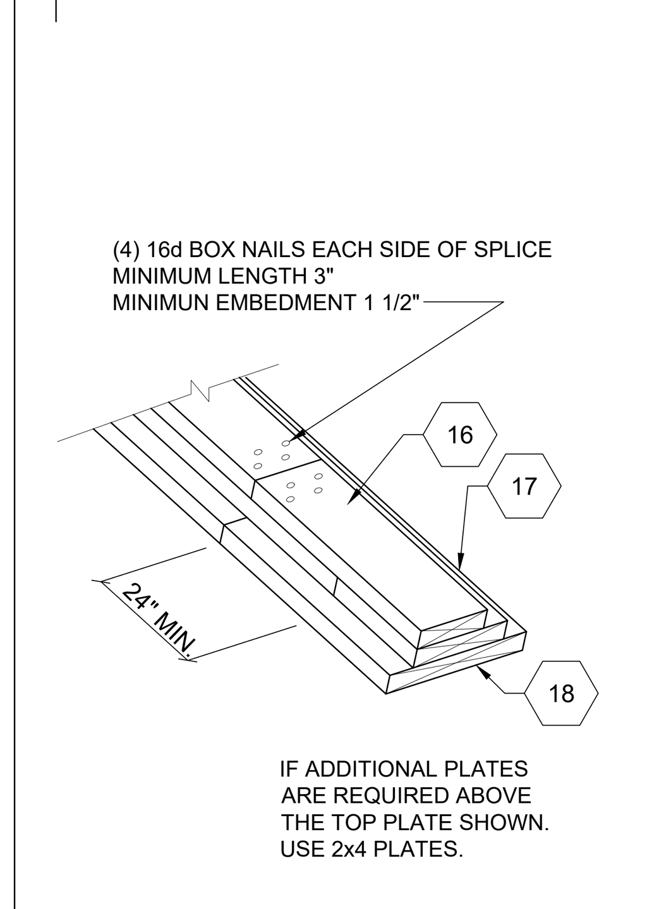
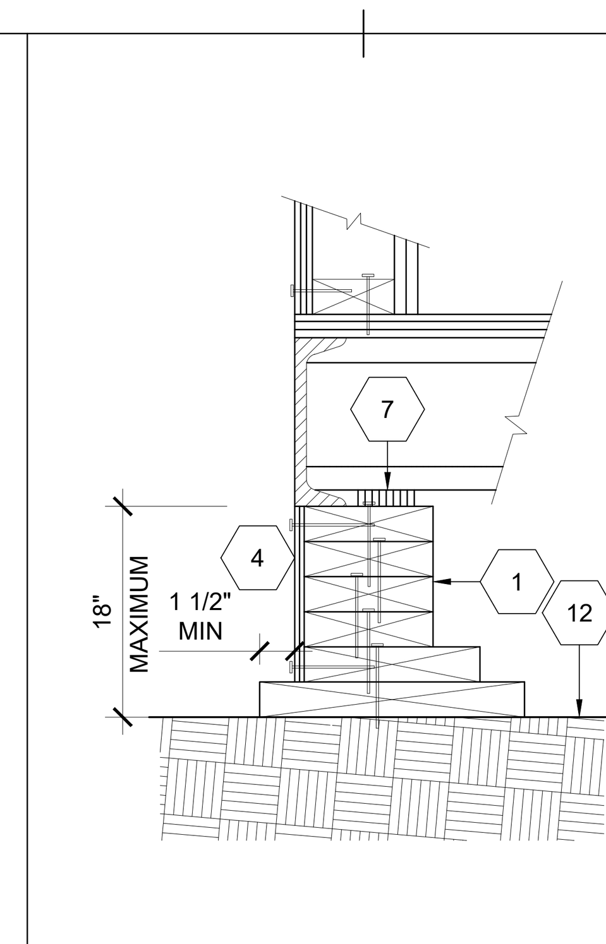
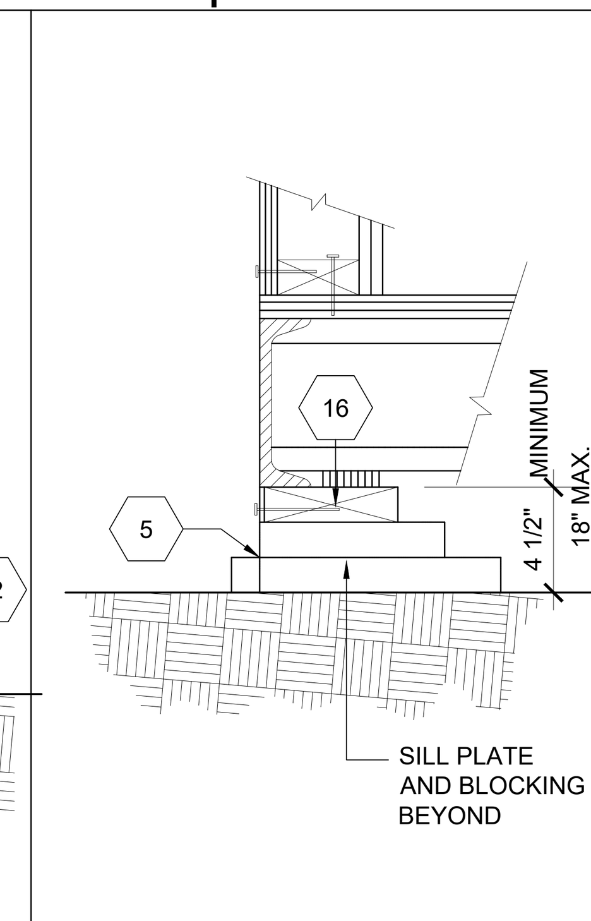


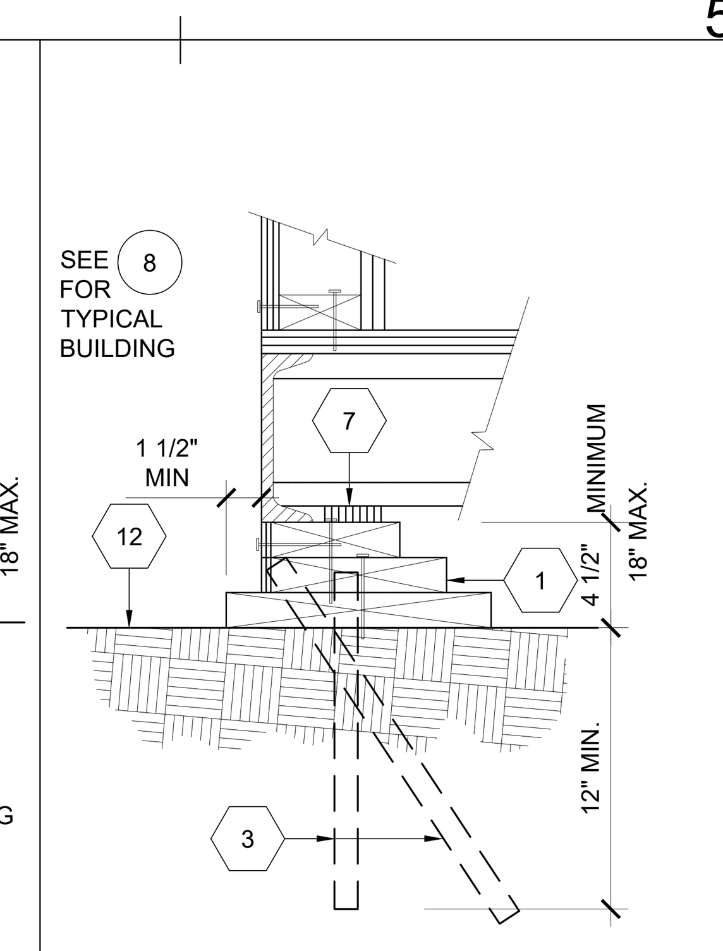
11 FOUNDATION SPLICE
SCALE: 1/2" = 1' - 0"



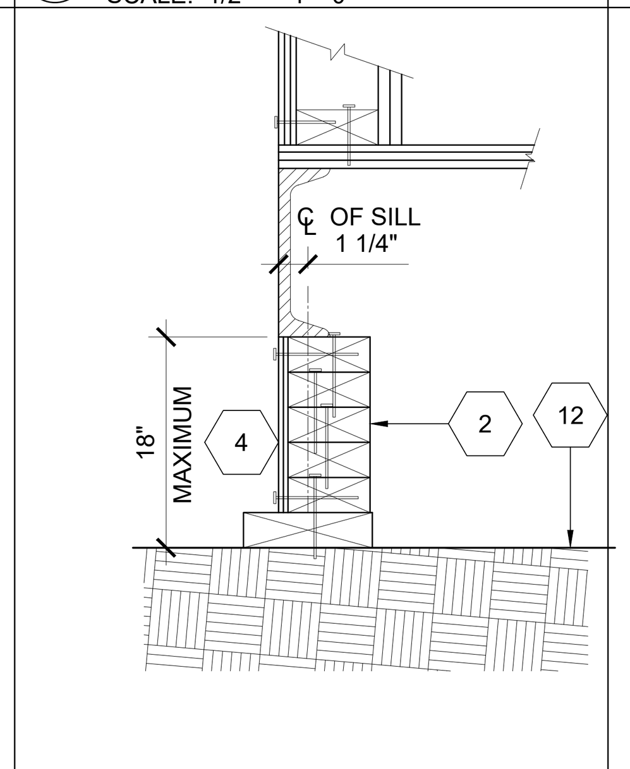
6 SIDE WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



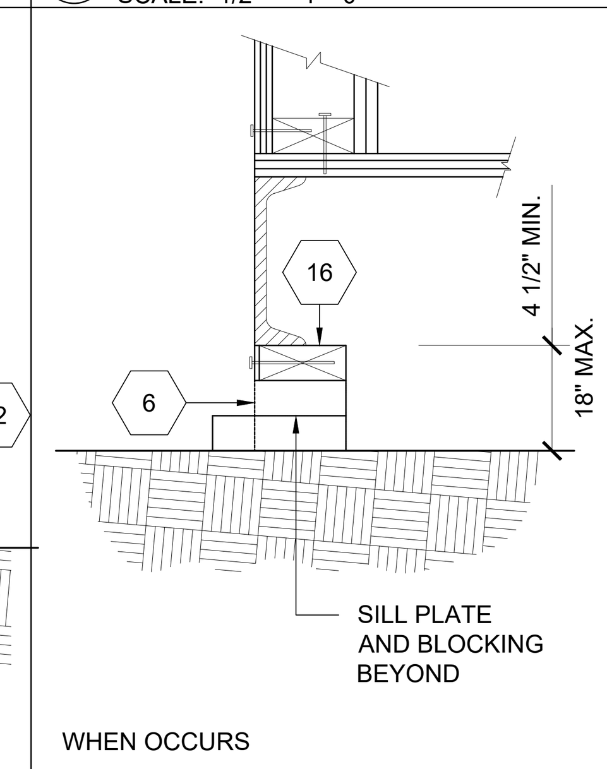
1A VENT AT SIDE WALL
SCALE: 1/2" = 1' - 0"



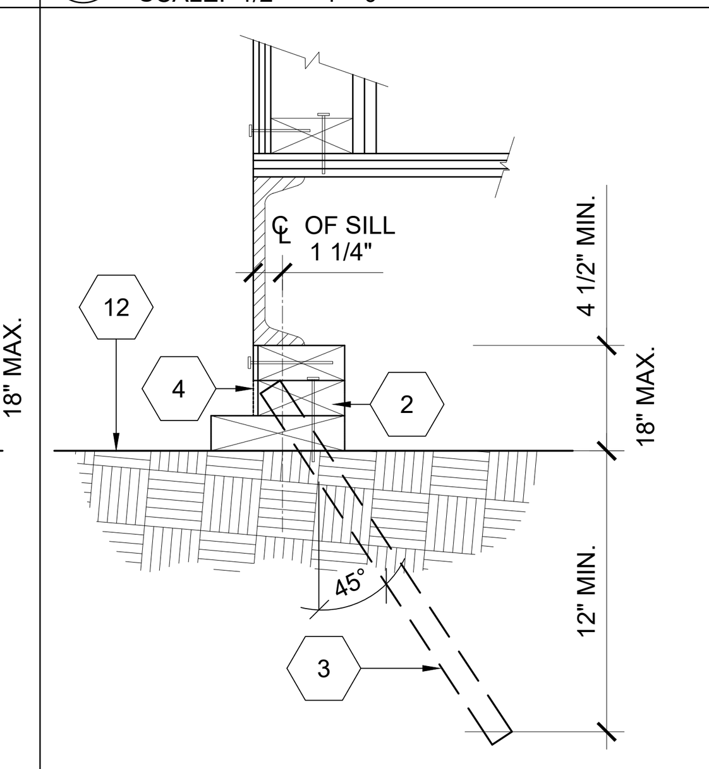
1 SIDE WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



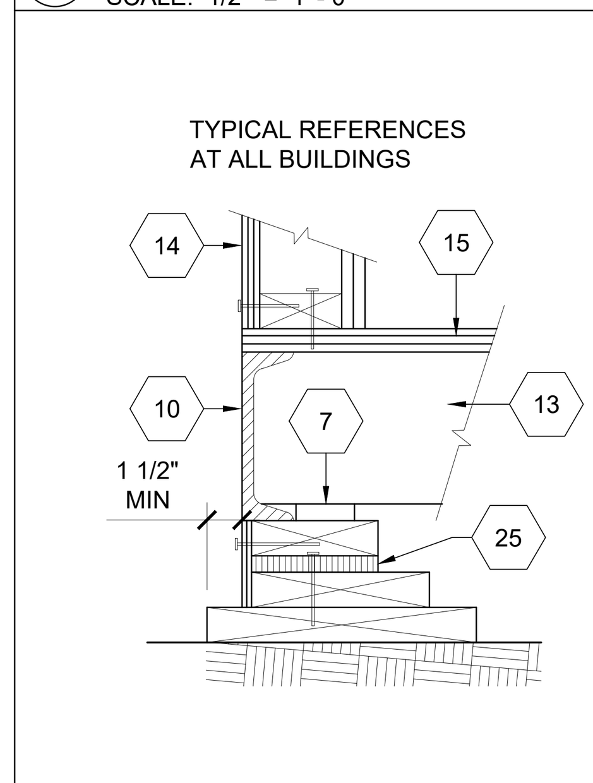
7 END WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



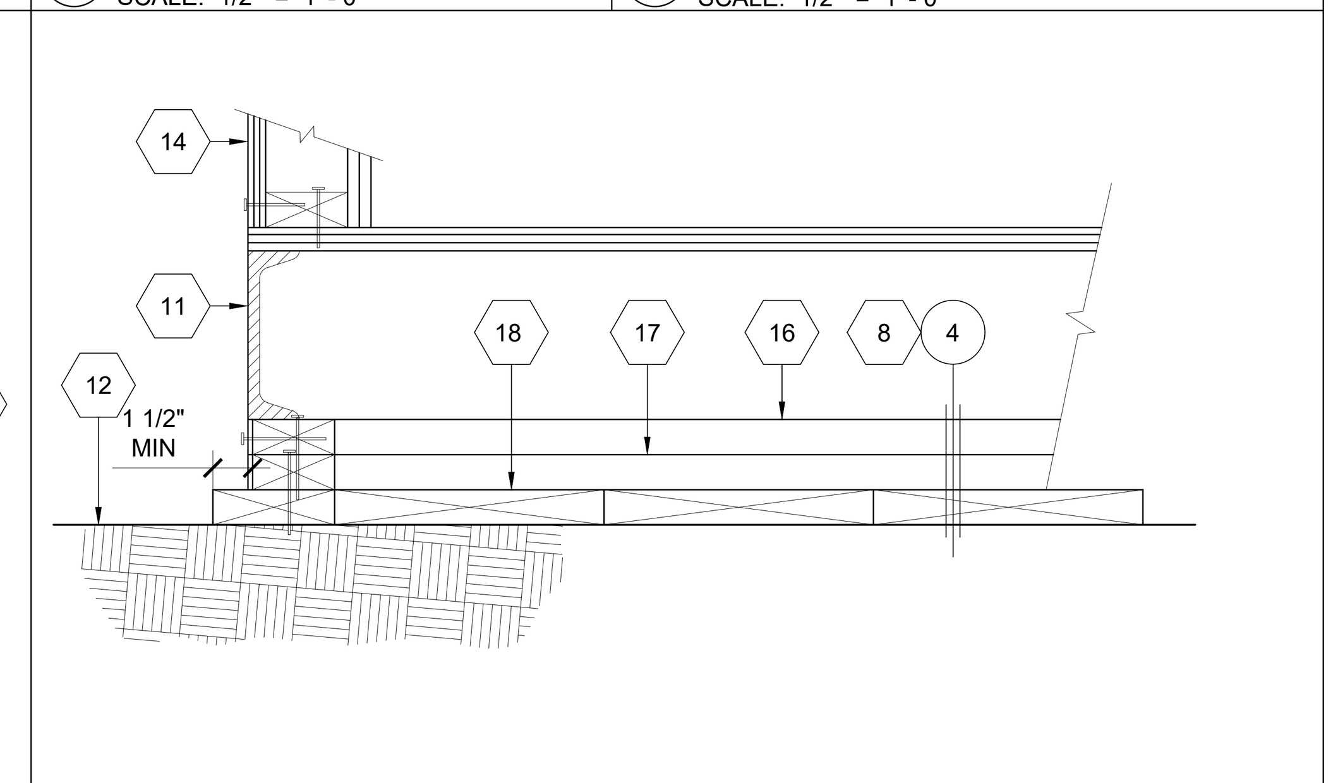
2A VENT AT END WALL
SCALE: 1/2" = 1' - 0"



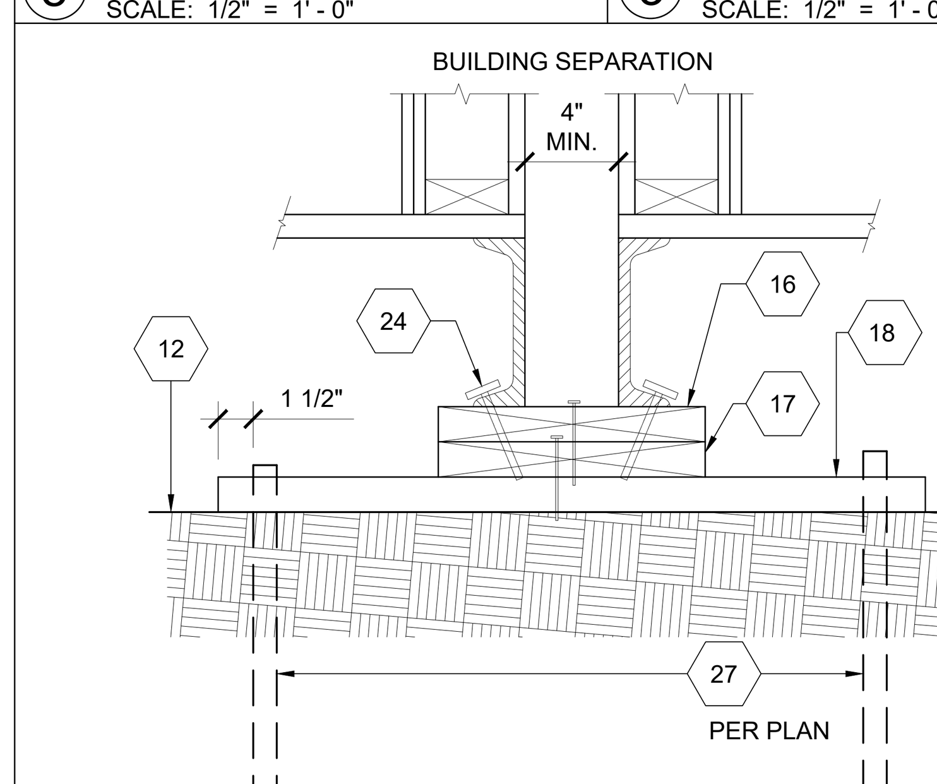
2 END WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



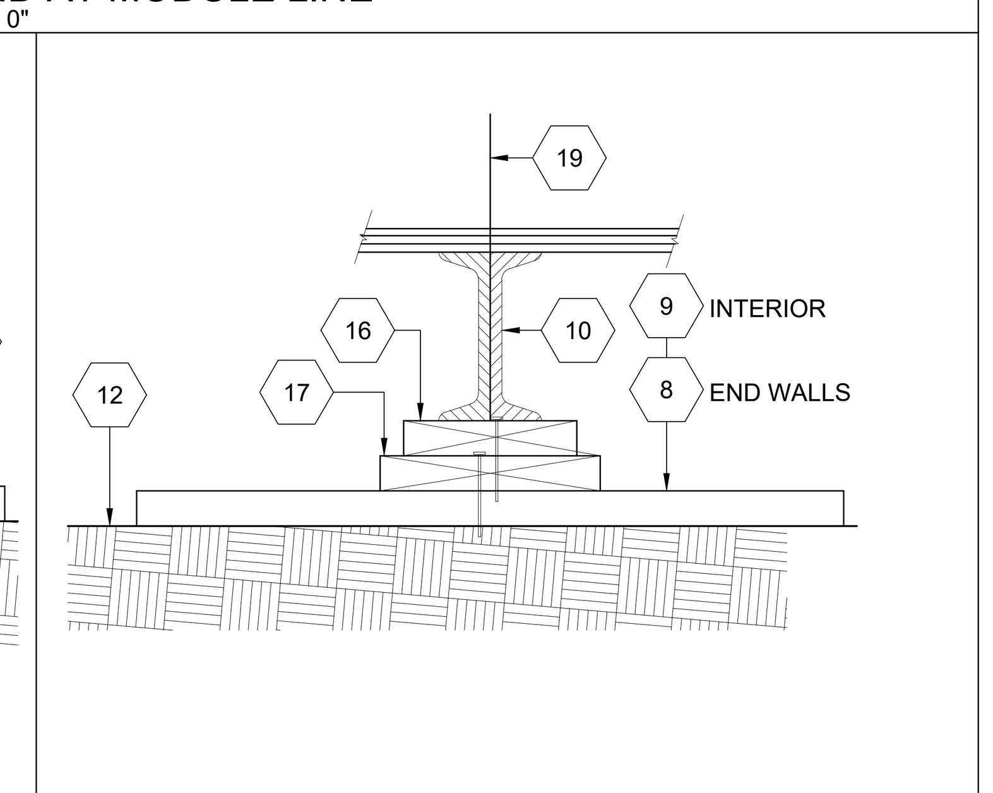
8 LEVELING SHIM WHEN REQUIRED
SCALE: 1/2" = 1' - 0"



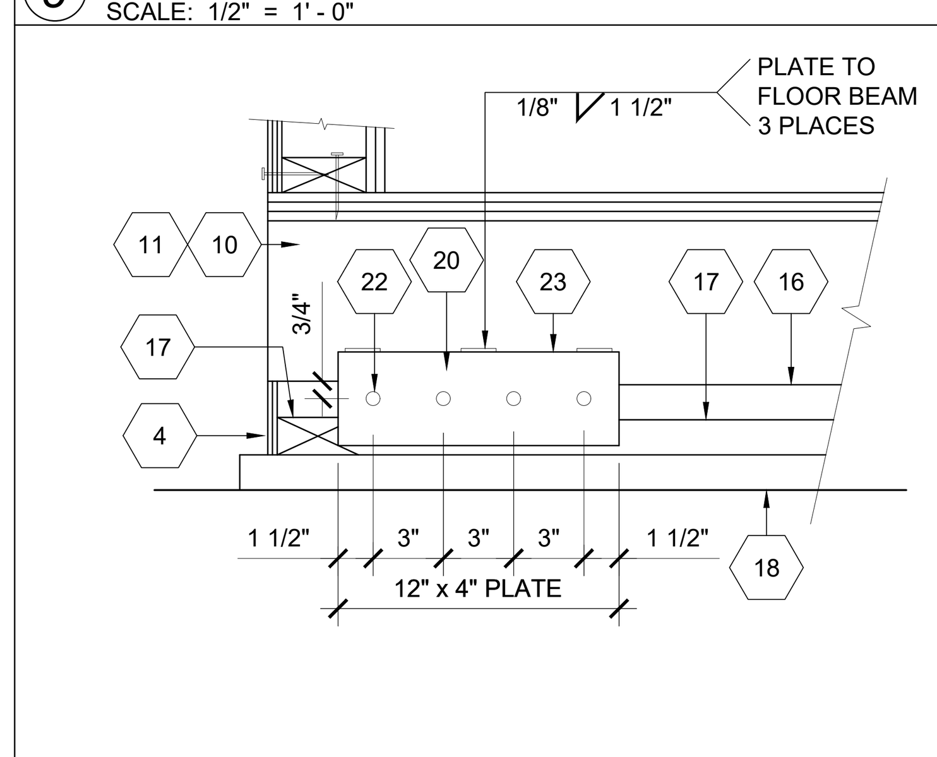
3 SECTION FND AT MODULE LINE
SCALE: 1/2" = 1' - 0"



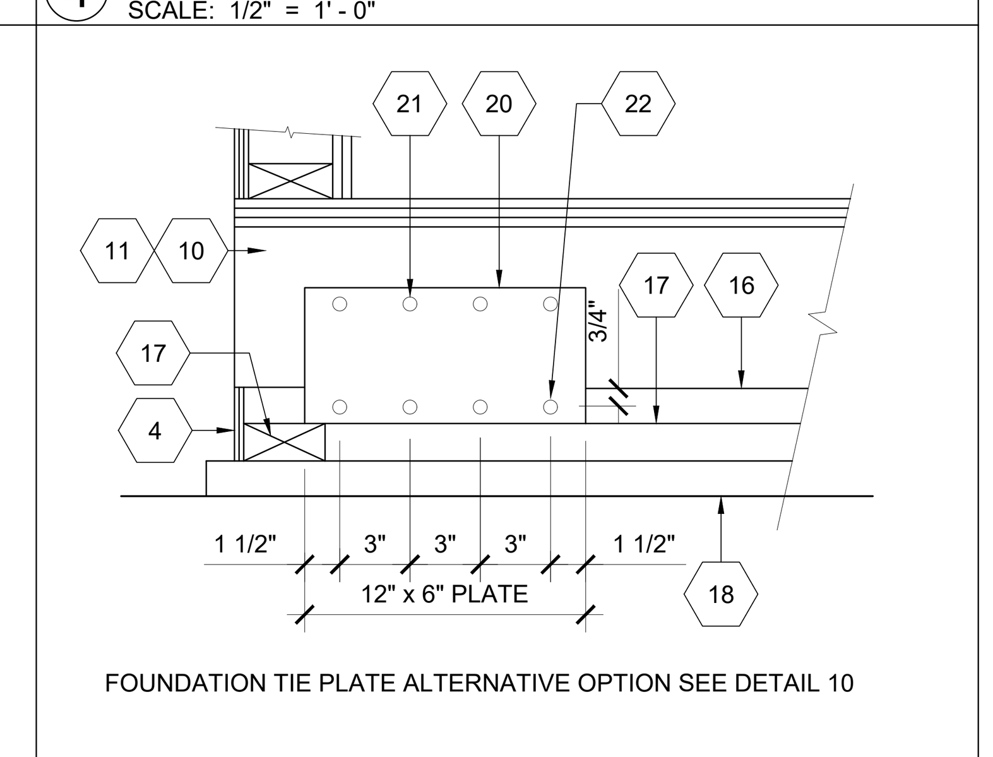
9 ADJACENT BUILDING
SCALE: 1/2" = 1' - 0"



4 MODULE LINE
SCALE: 1/2" = 1' - 0"



10 WELDED TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"



5 FOUNDATION TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"

KEY NOTES 24 x 40 - 50PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE**: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A

FOUNDATION AT END WALL

2 **TOP PLATE**: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT - PIPE TO GRADE (TYP) SEE GENERAL NOTE #A.

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END

WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" O.C.

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" x 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

10 FLOOR BEAM: C7 x 9.8 TYPICAL

11 FLOOR HEADER: C7 x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x 10 GA

21 PLATE ANCHOR: 4-1/4" Ø S.M.S

22 PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT) INTO THE WOOD

23 TIE PLATE: 12" x 4" x 10 GA

24 BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING
(FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4"
PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER
OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING.
PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

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GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1,.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAT 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY, 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. **A WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE, GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED TO BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED B THE INSPECTOR.

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

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Date Signed: February 26, 2019

AOR

SHEET TITLE:
DETAILS & NOTES

DATE: 02-25-2019

DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB:

F-7.0 -3

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 1 1/2" = 1'-0"
Notes

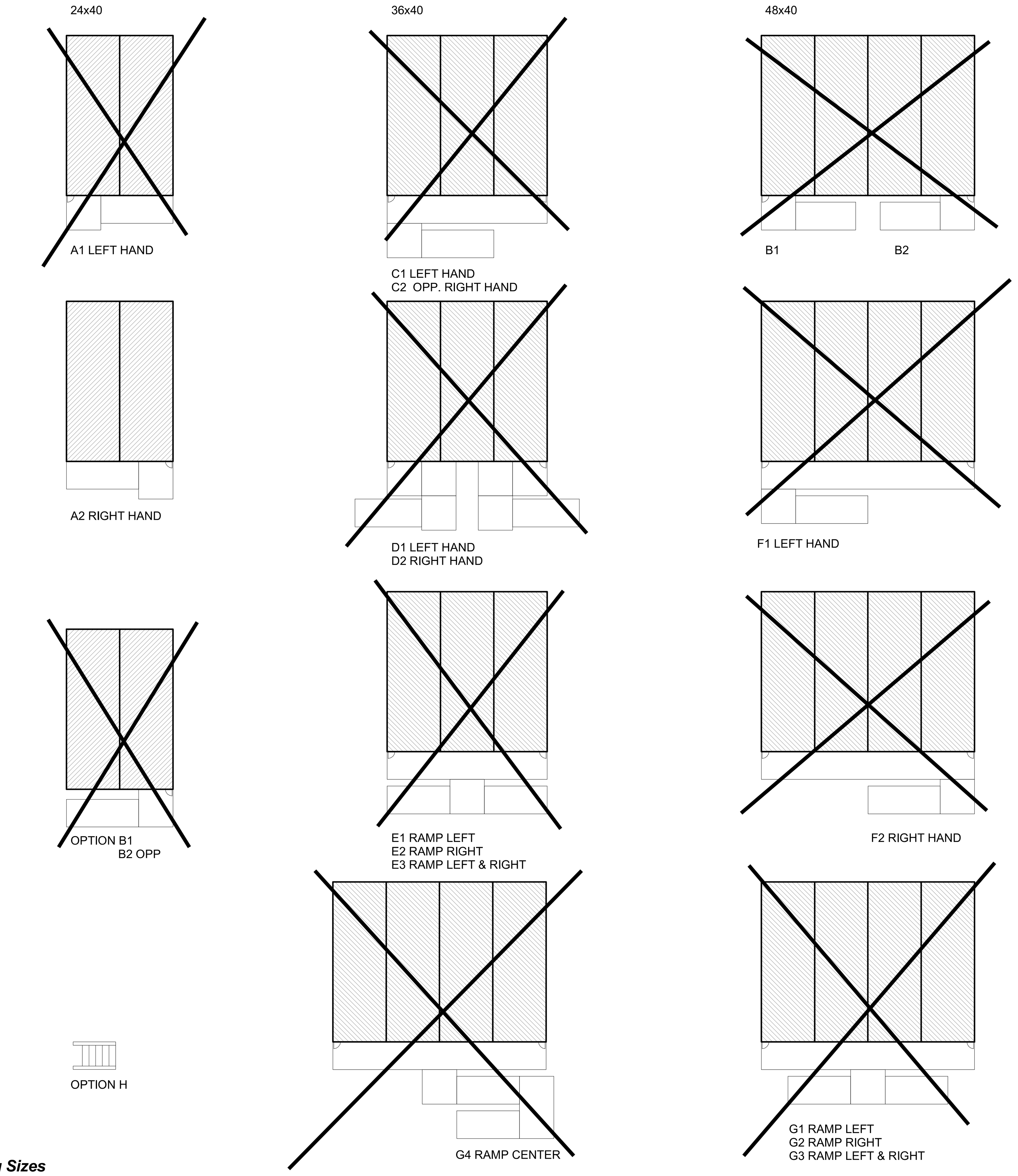
Ramp Option Schedule:

option1 : ramp & landing @ building (plan view 1/SR1)

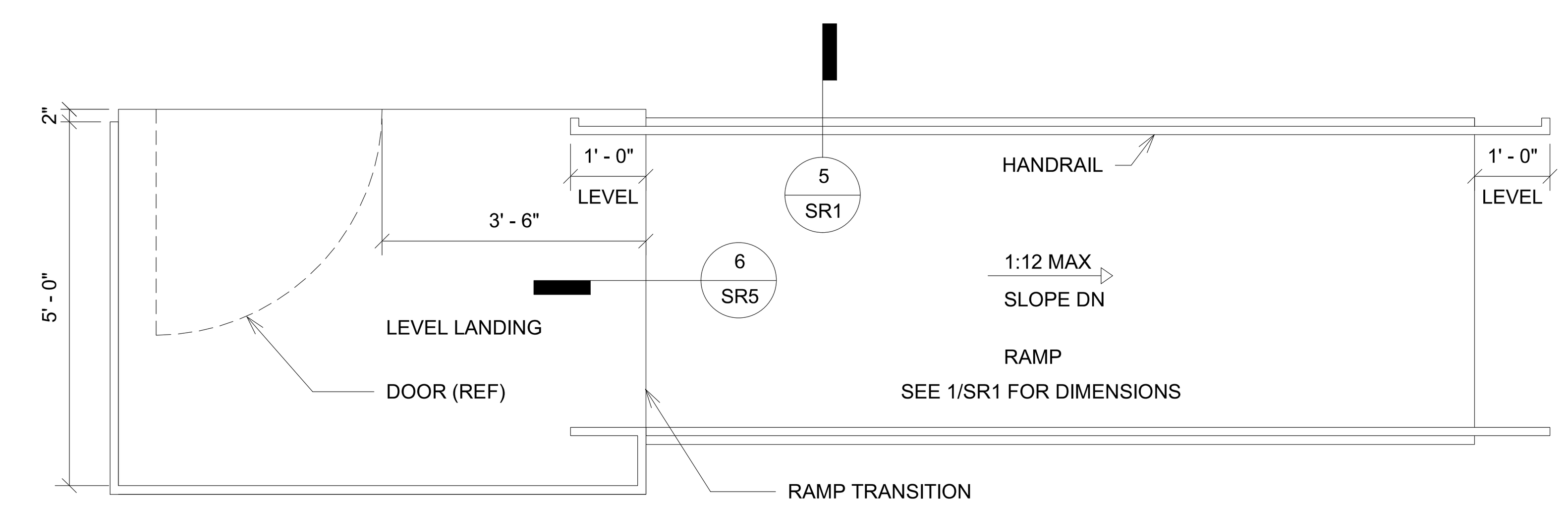
option 2 : ramp and landing with offset ramp (plan view 2/SR1)

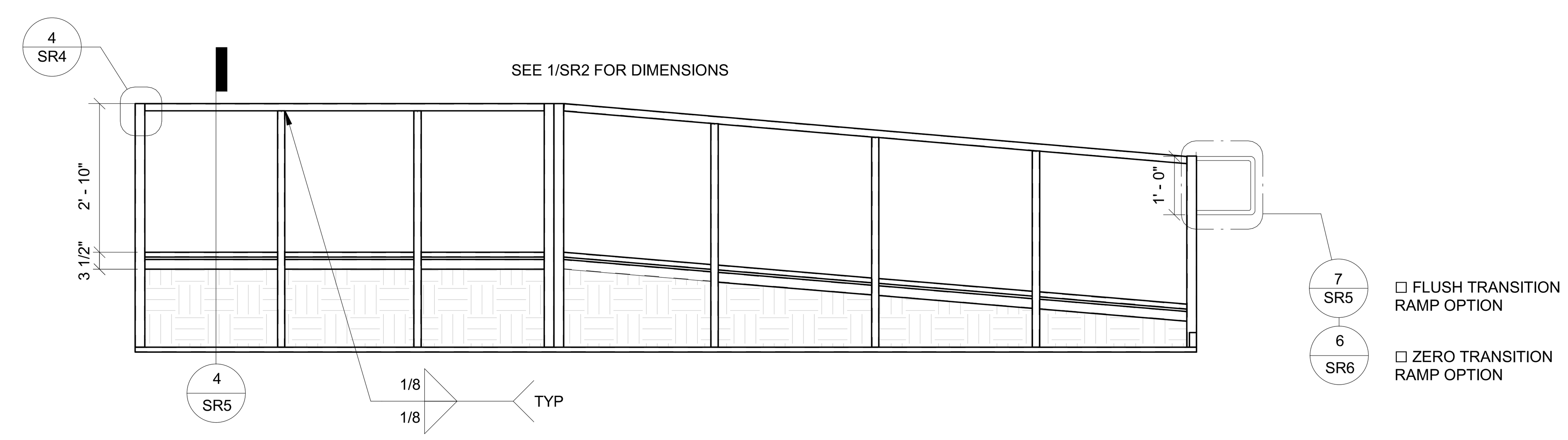
option 3: ramp and platform landing (plan view 3/SR1)

option 4 : ramp and landing with switch back ramp (plan view 4/SR1)



2 *Ramps Options w/ Different Building Sizes*





3 *1/2" = 1'-0"*
Standard Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR0-3

SHEET OF

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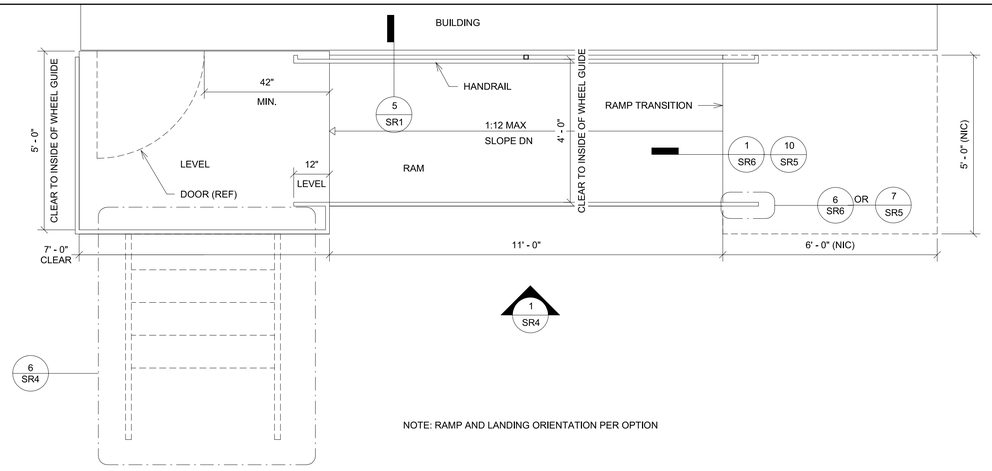
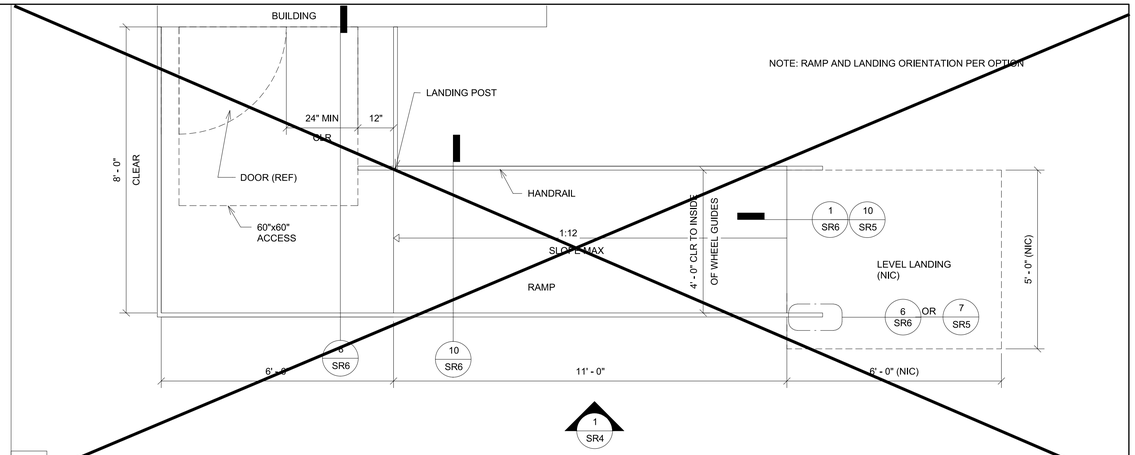
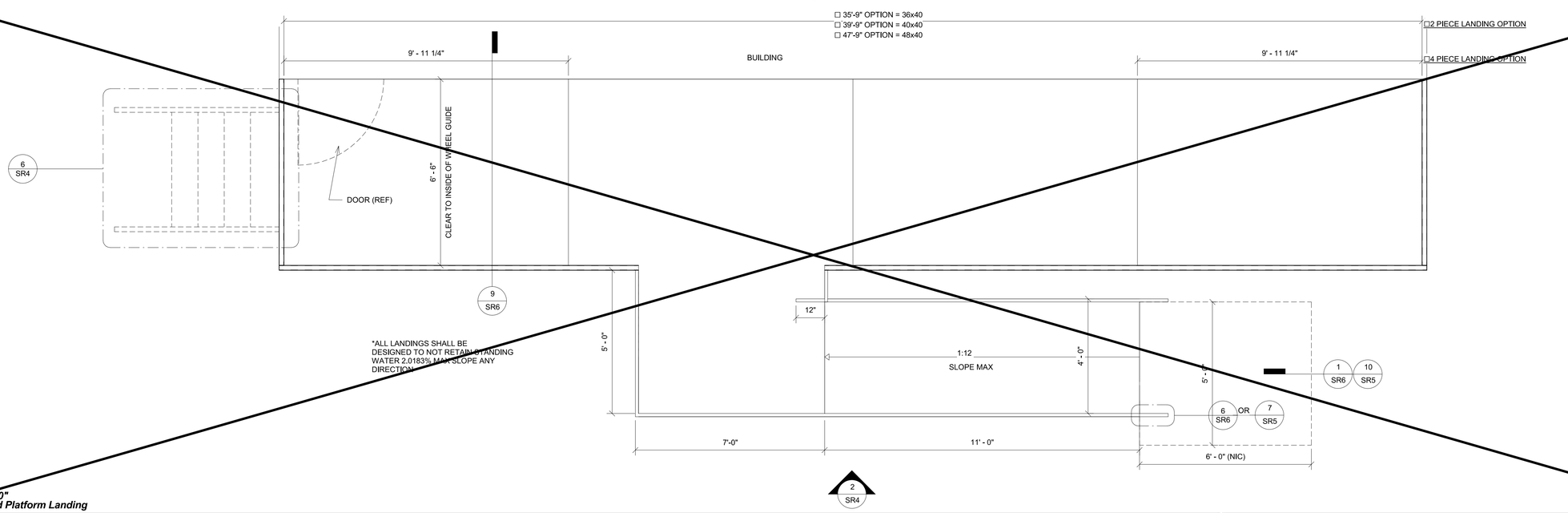
12/18/2017 5:45:01 PM



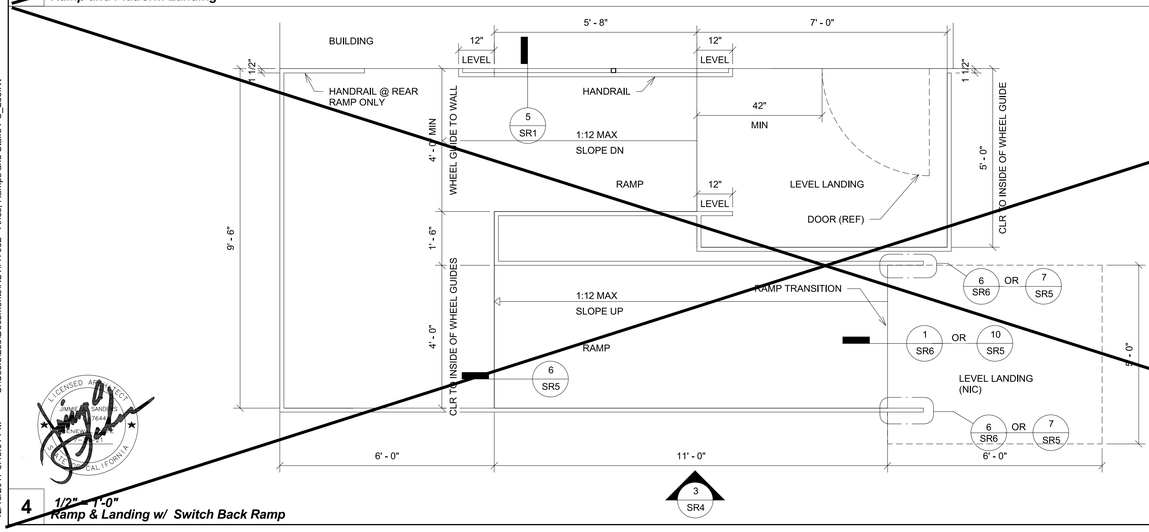
1 *1/2" = 1'-0"*
Ramp & Landing @ Building



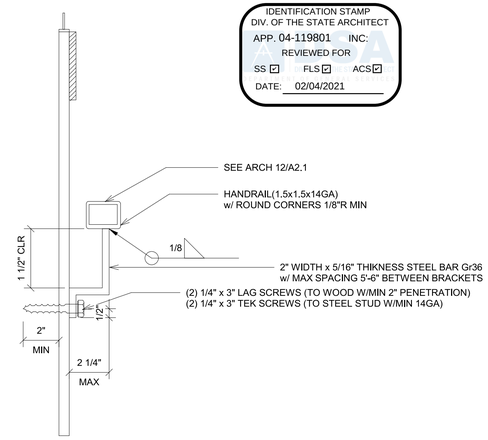
2 *1/2" = 1'-0"*
Ramp & Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp and Platform Landing



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp



5 *3" = 1'-0"*
Handdrail

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DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 108
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCISCO
C-43804
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR1-3

SHEET OF

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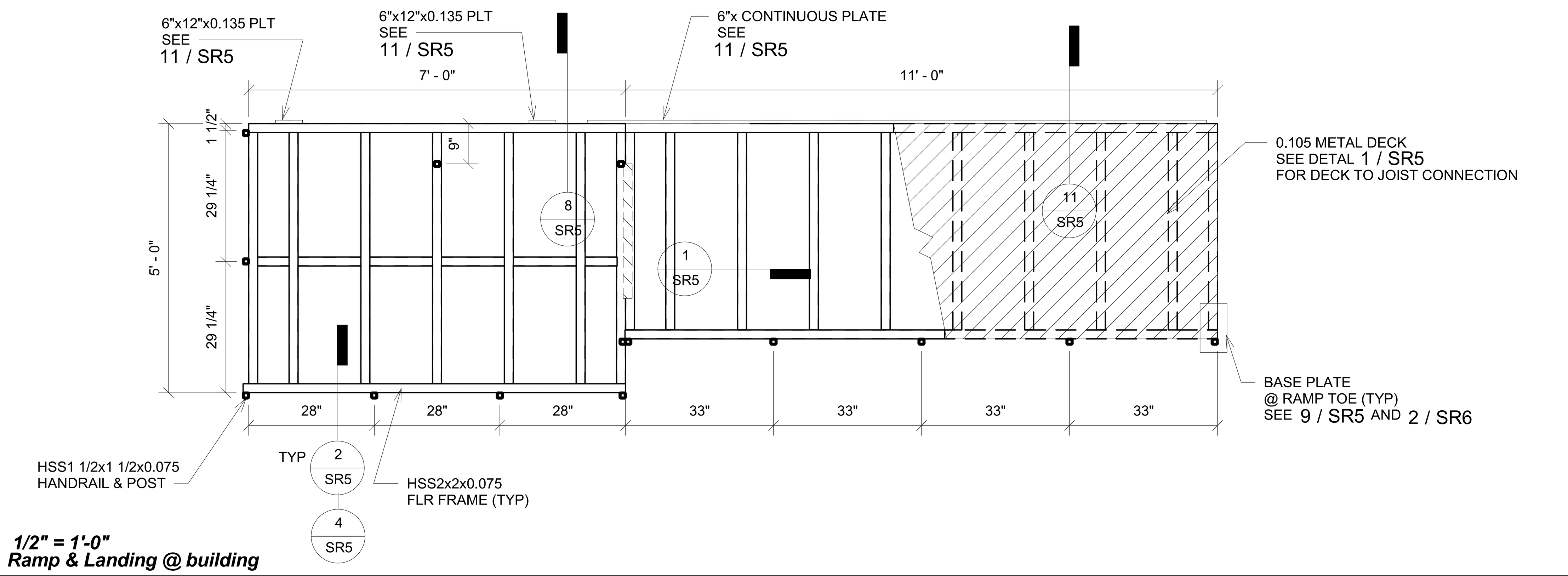
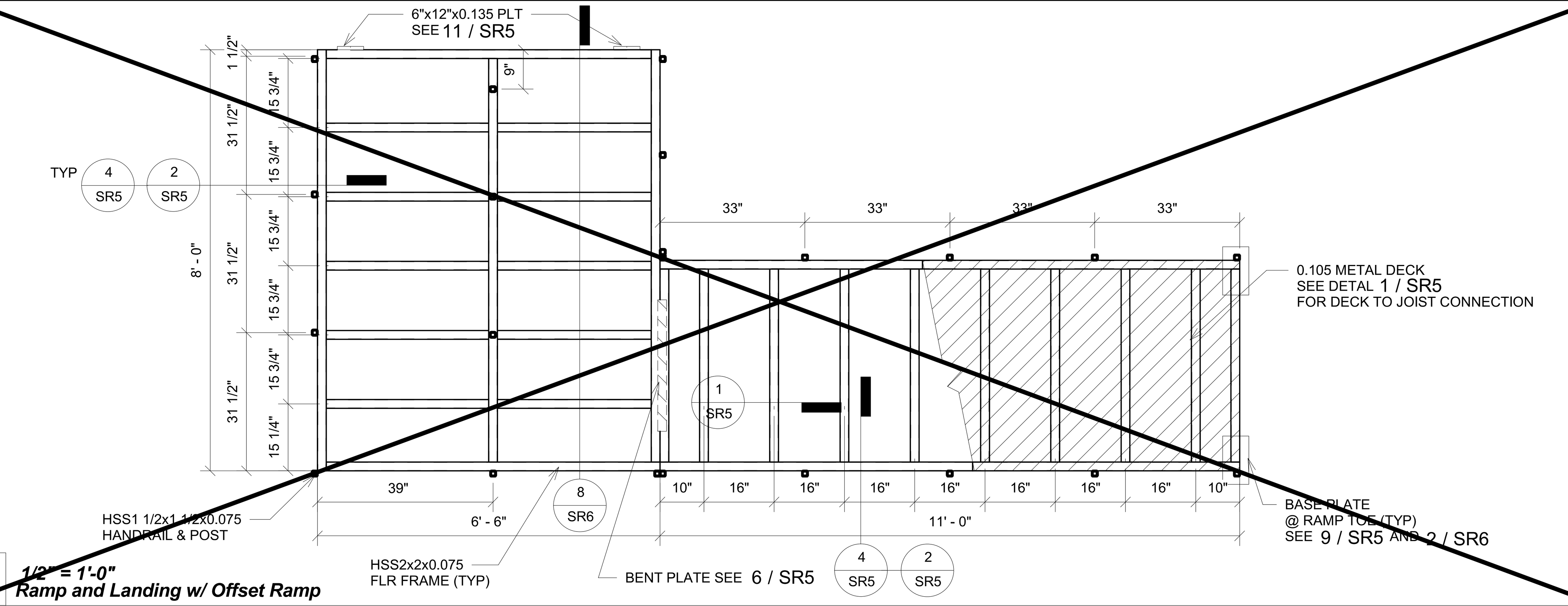
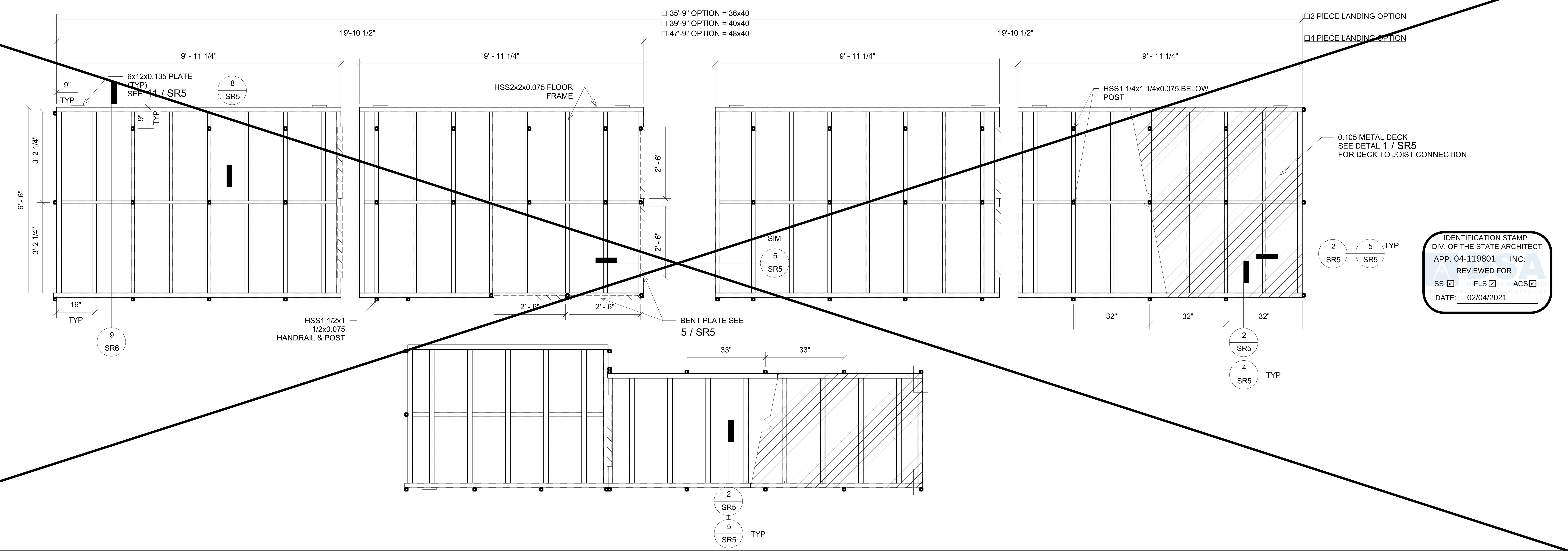


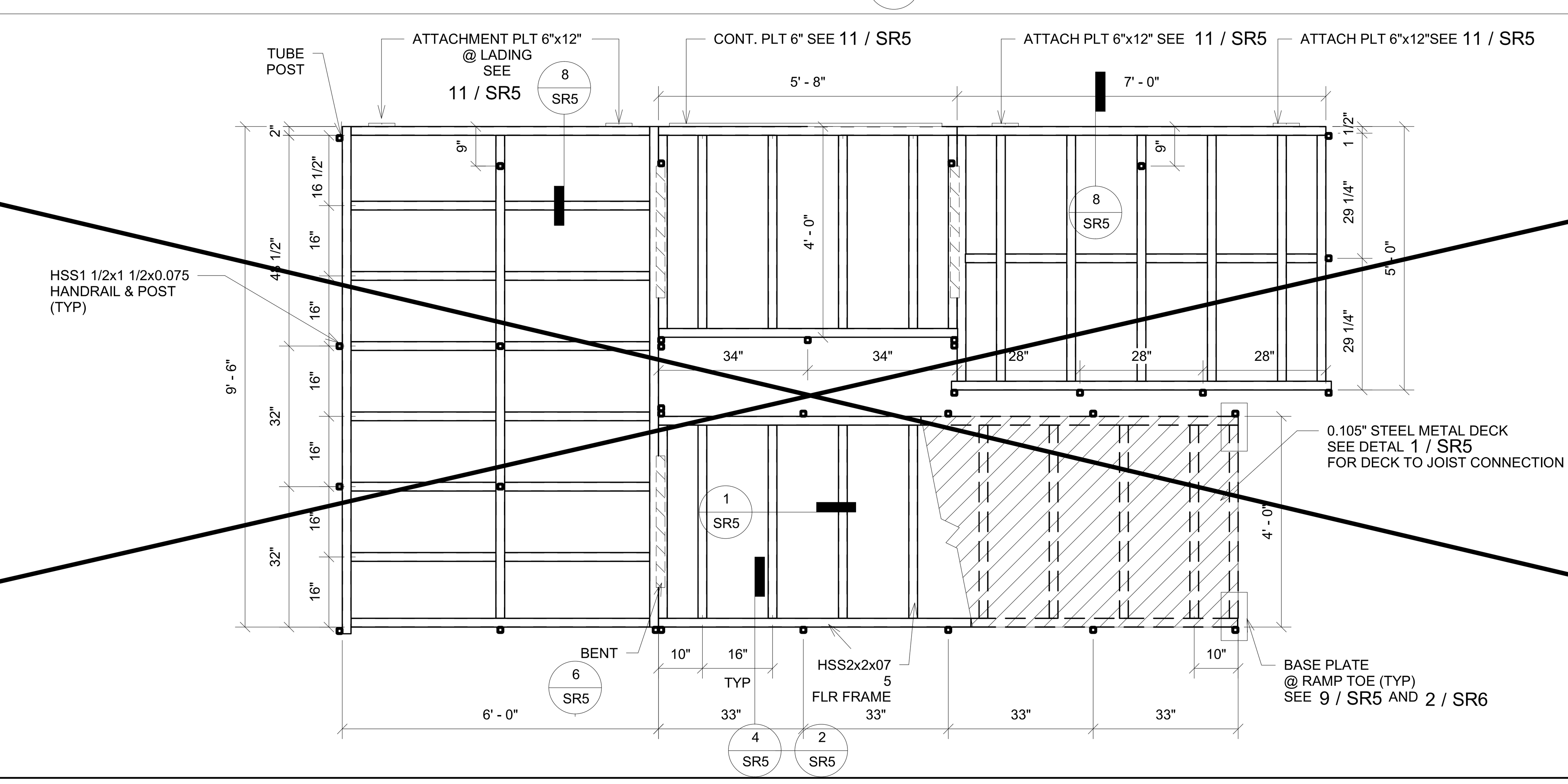
1 *1/2" = 1'-0"* ***Ramp & Landing @ building***



2 *1/2" = 1'-0"* ***Ramp and Landing w/ Offset Ramp***



3 *1/2" = 1'-0"* ***Ramp & Platform Landing Frame***



4 *1/2" = 1'-0"* ***Ramp & Landing w/ Switch Back Ramp***

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DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

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CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
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DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

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DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Framing

PROJECT NUMBER
17016A

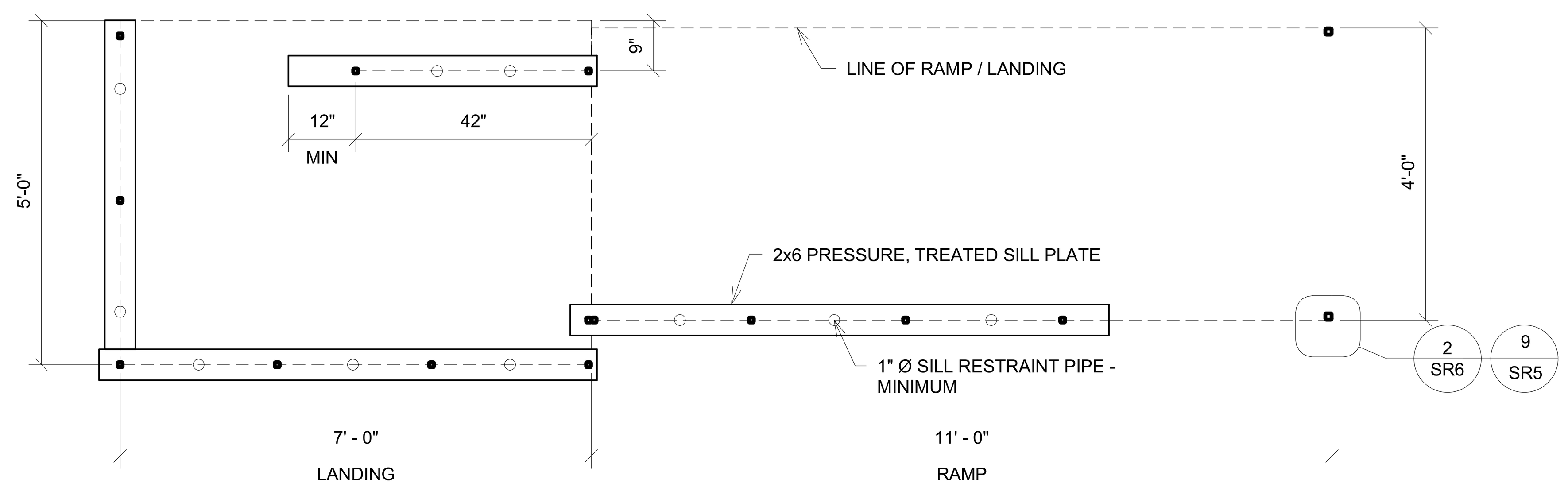
DRAWN BY
SM

CHECKED BY
BR/rMc

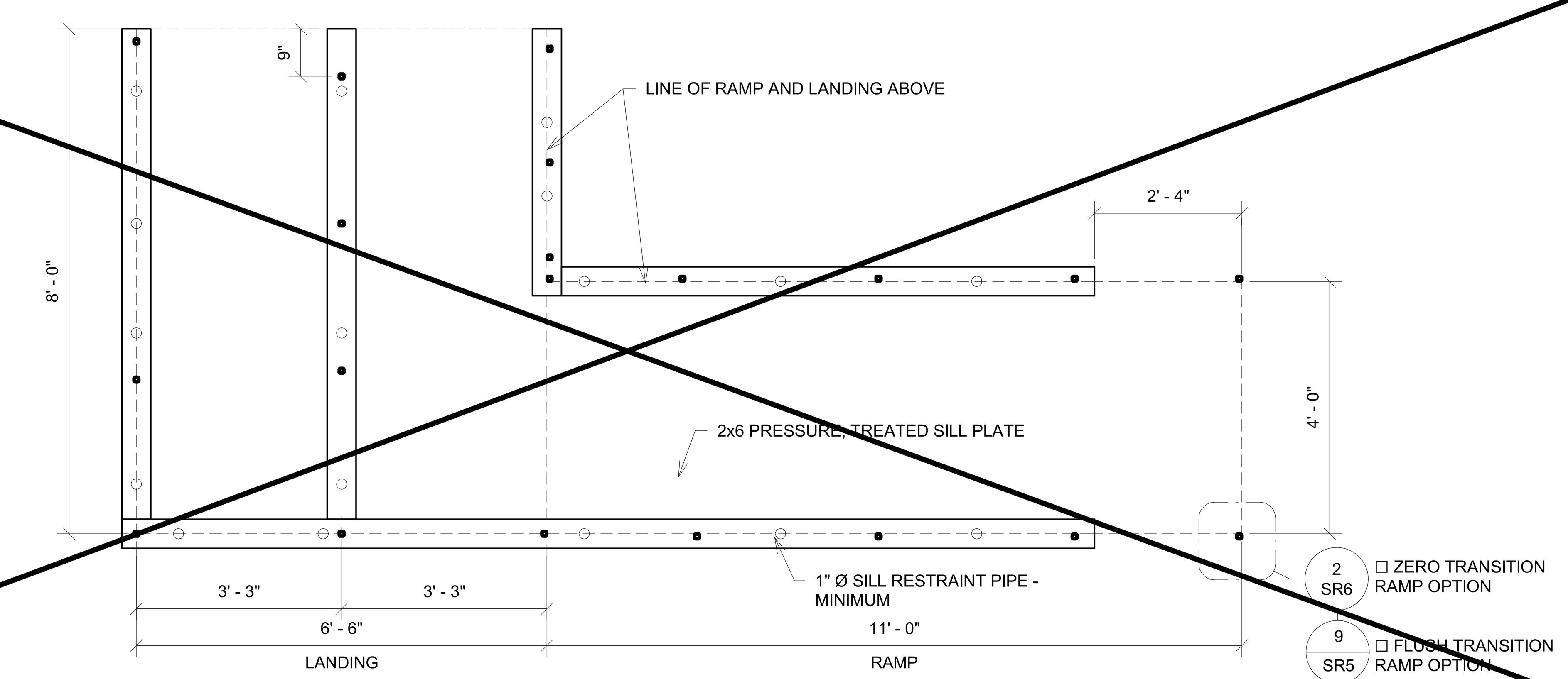
DATE
05/04/2017

SHEET NO.
SR2-3

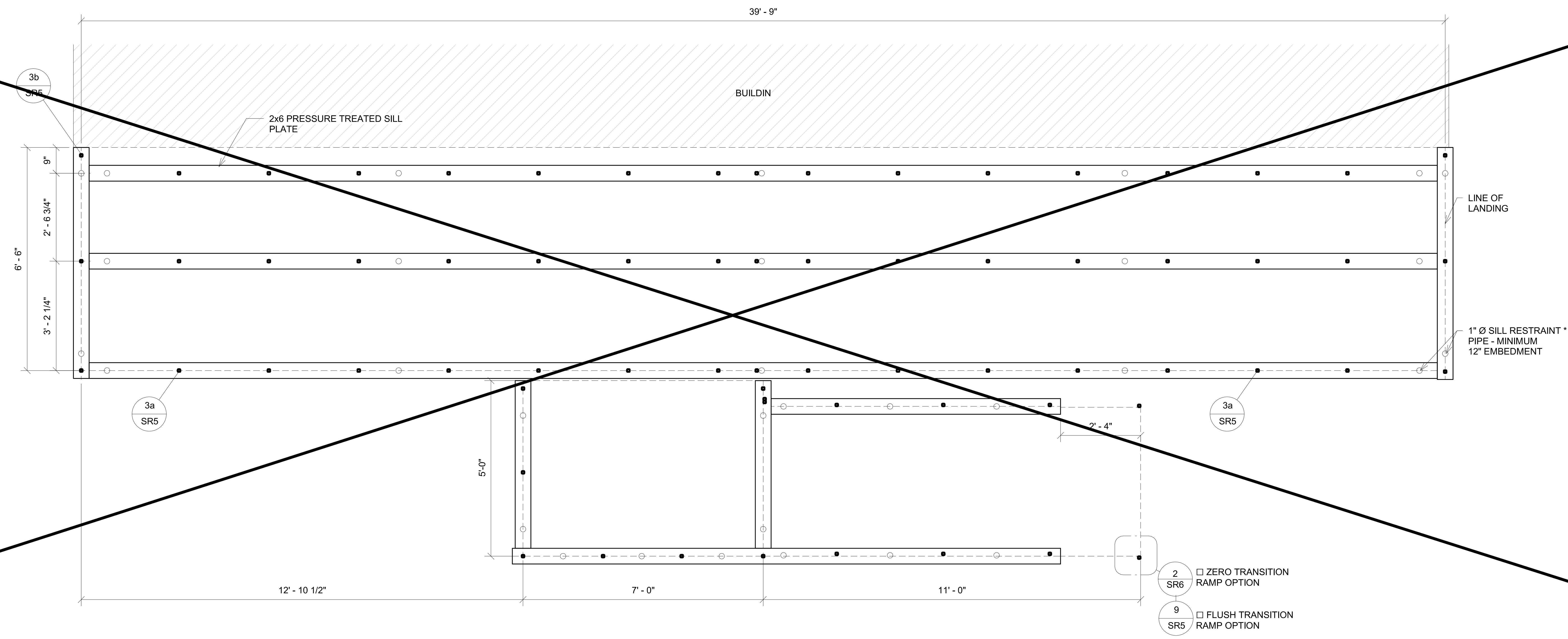
SHEET OF



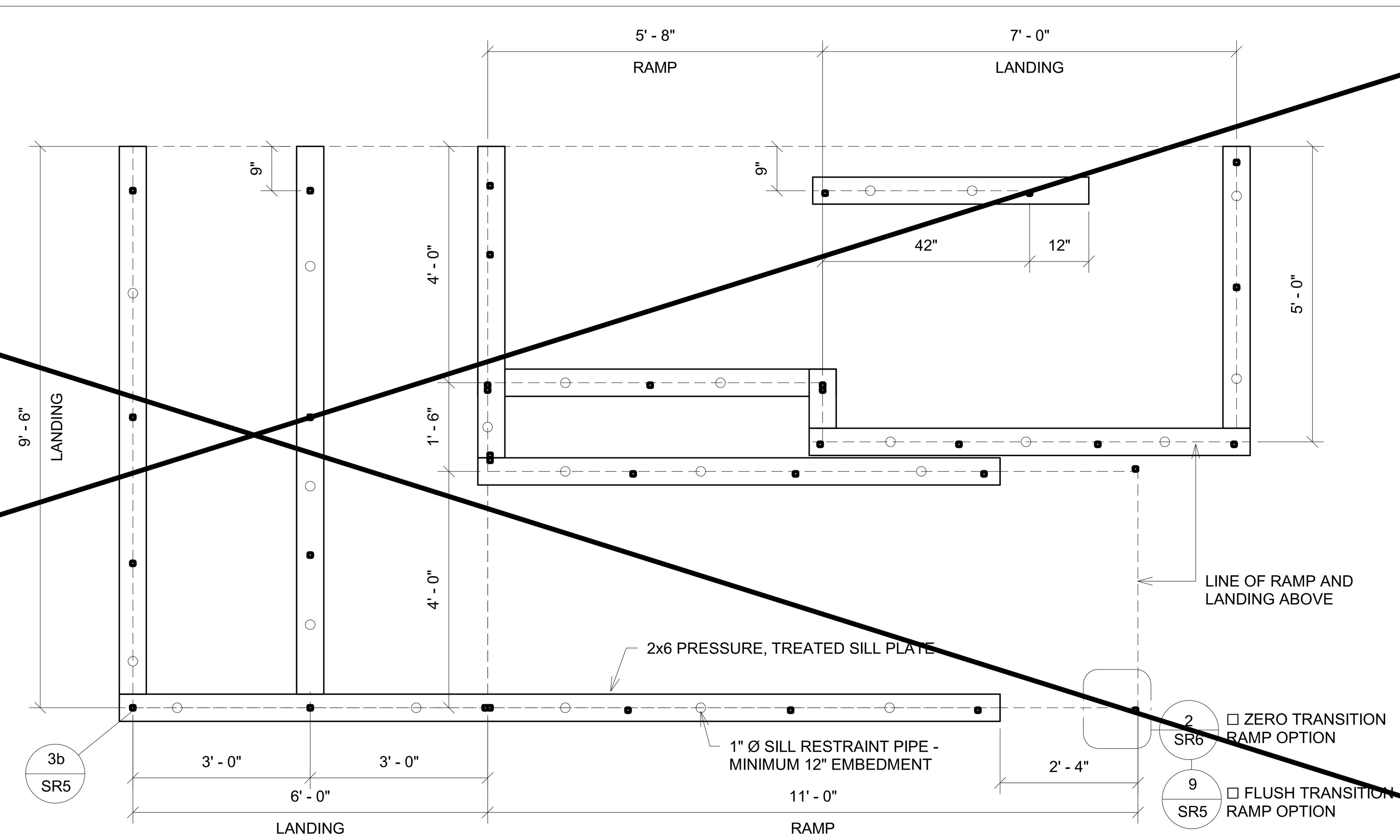
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

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DATE: 02/04/2021

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DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
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DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

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rMc

DATE
05/04/2017

SHEET NO.
SR3-3

SHEET OF

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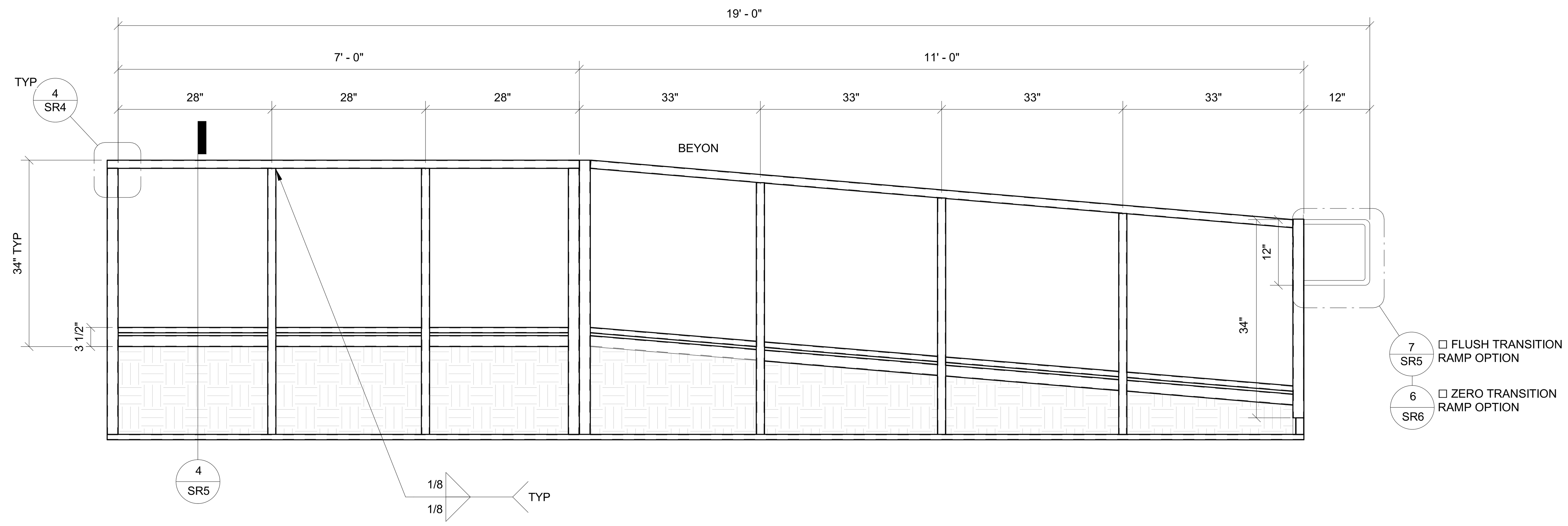
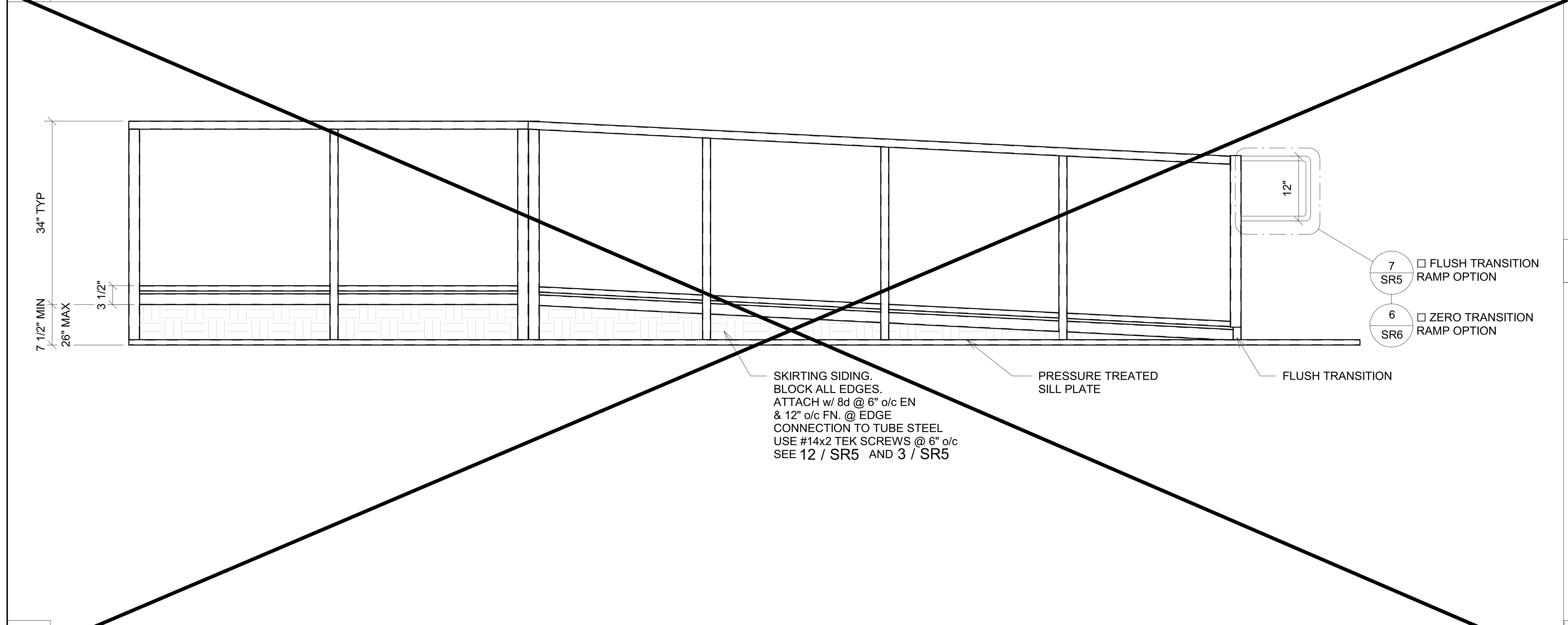
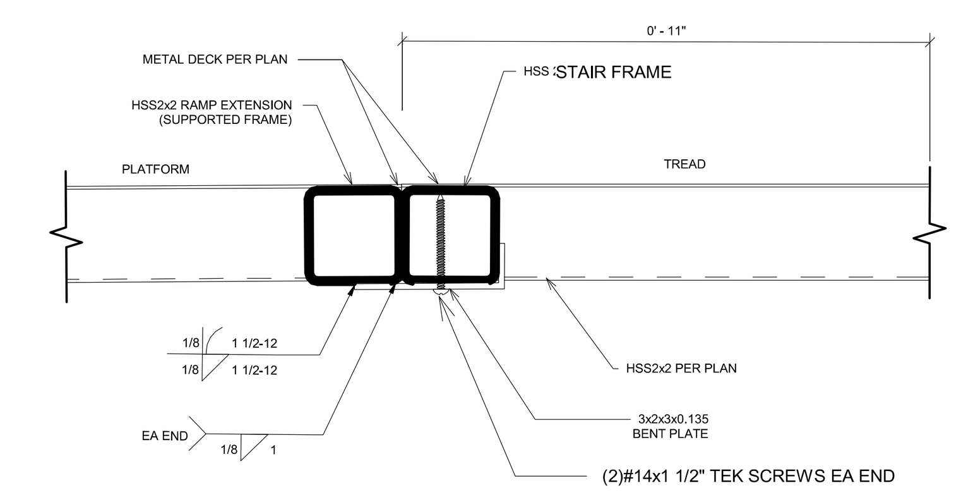
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



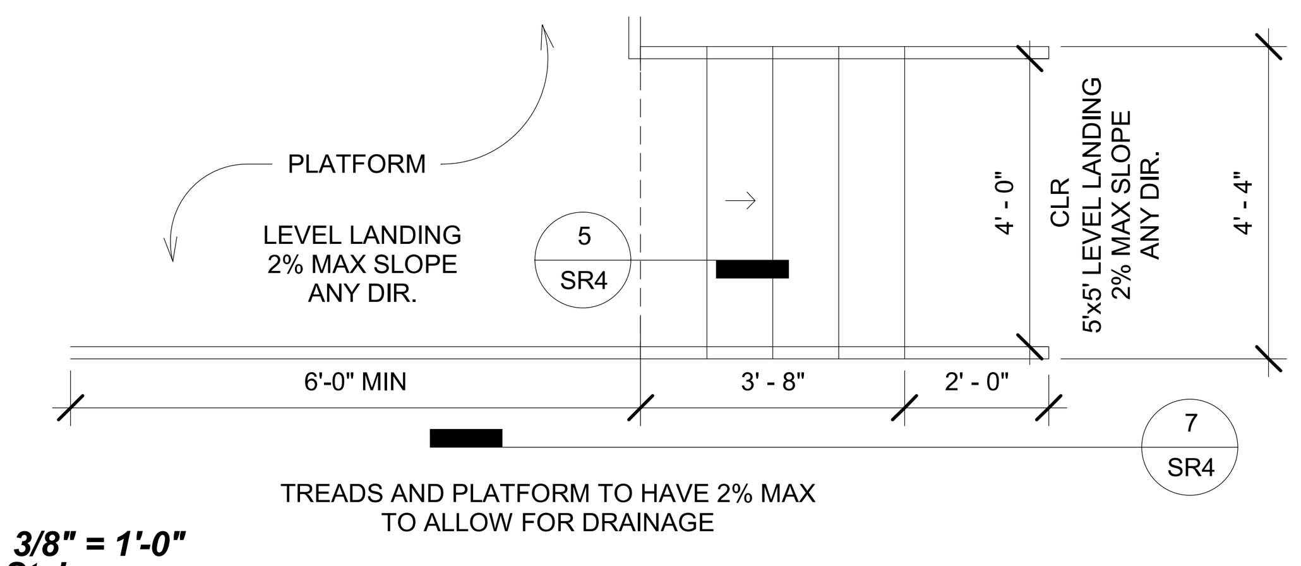
1 *3/4" = 1'-0"*
Ramp & Landing Elevation



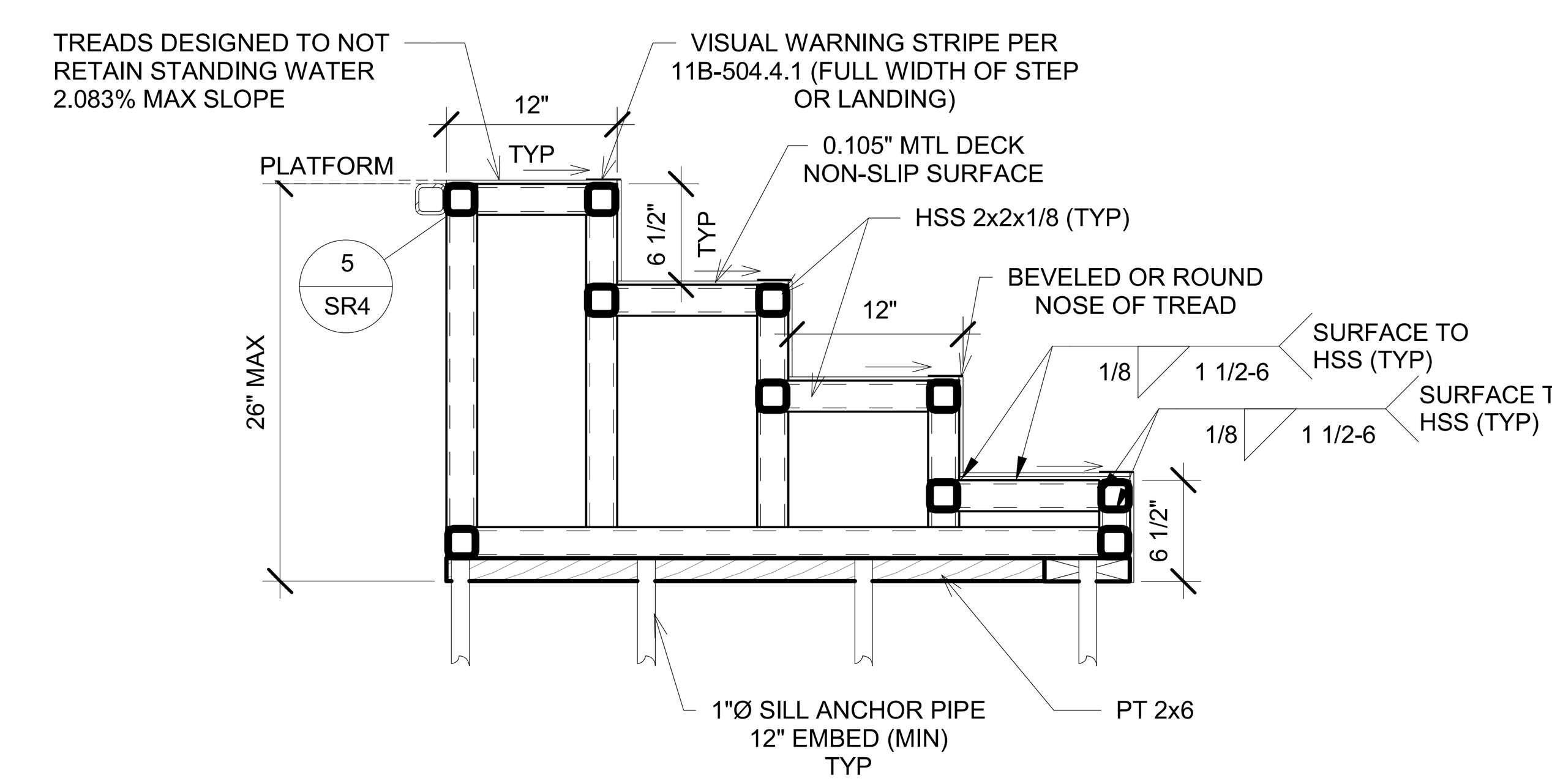
2 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X Copy 1



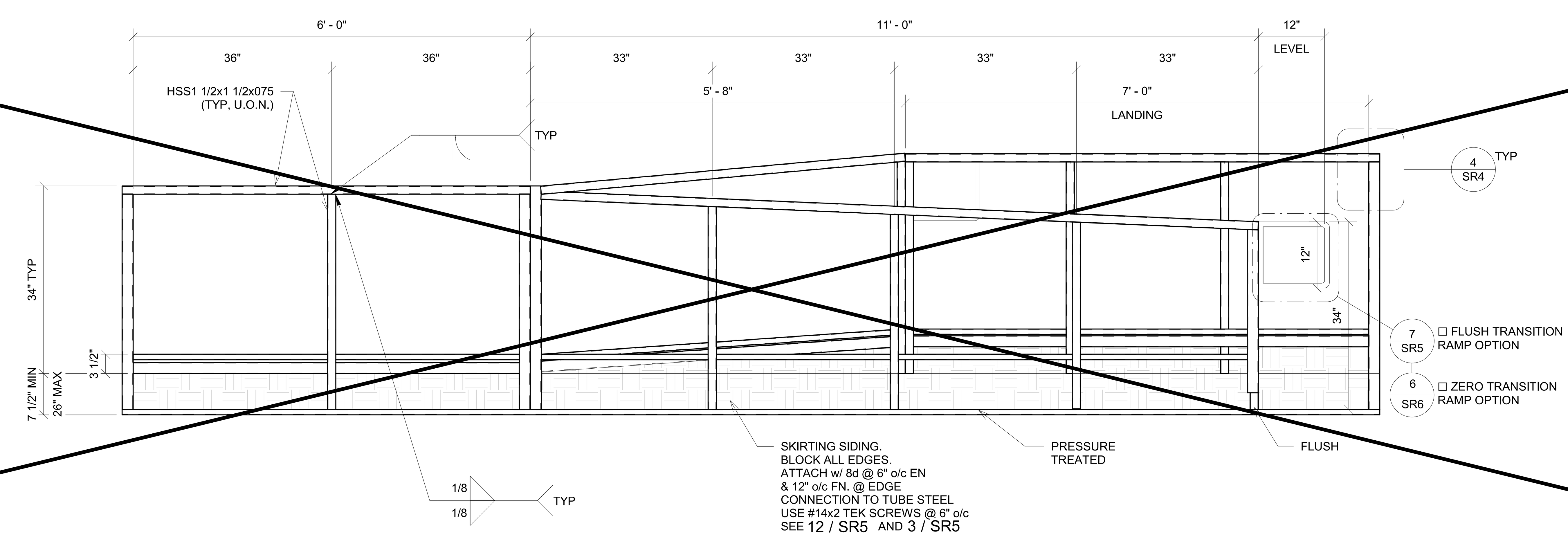
5 *3" = 1'-0"*
Conn @ Platform



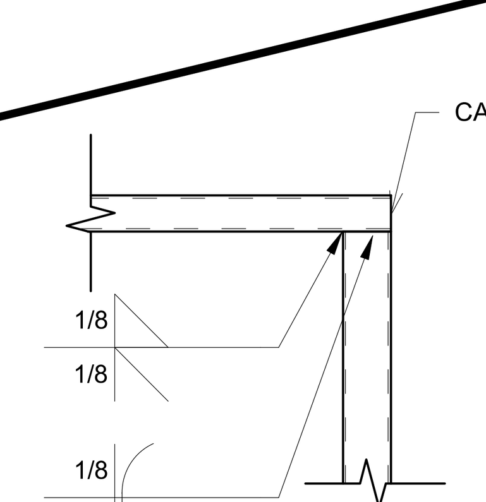
6 *3/8" = 1'-0"*
Stair



7 *1" = 1'-0"*
Stair Elev



3 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X



4 *1 1/2" = 1'-0"*
Ramp & Landing Elevation Option X1 - Callout 1

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11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

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SM

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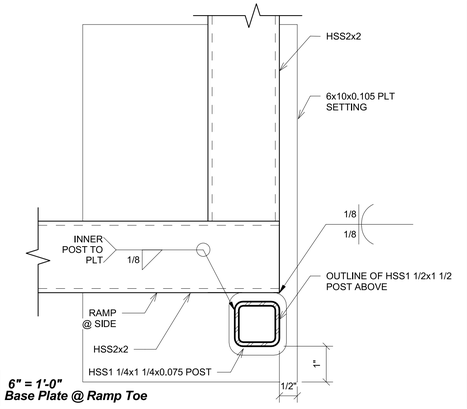
rMc

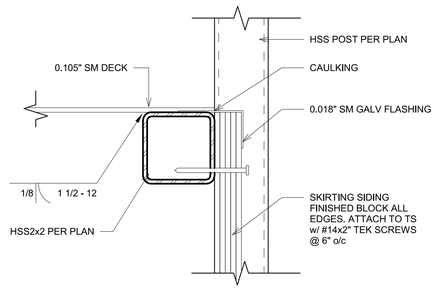
DATE
05/04/2017

SHEET NO.
SR4-3

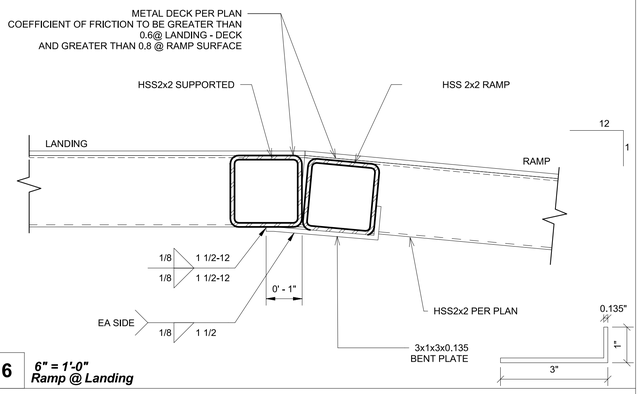
SHEET OF



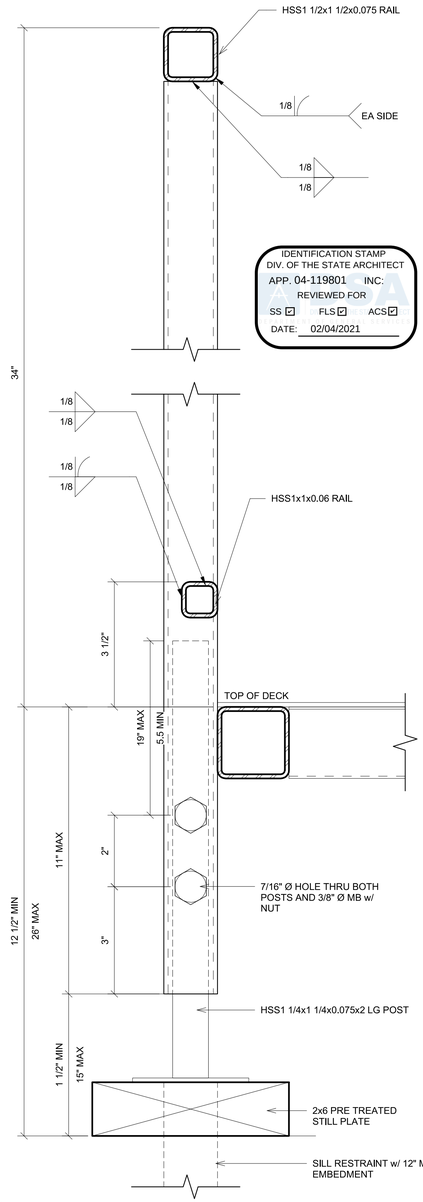
9 *6" = 1'-0"*
Base Plate @ Ramp Toe



12 *6" = 1'-0"*
Skirt Flashing



6 *6" = 1'-0"*
Ramp @ Landing



2 *6" = 1'-0"*
Adjustable Leg

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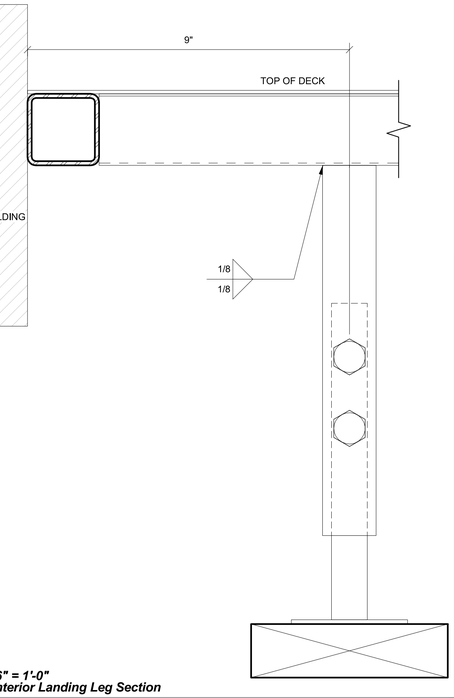
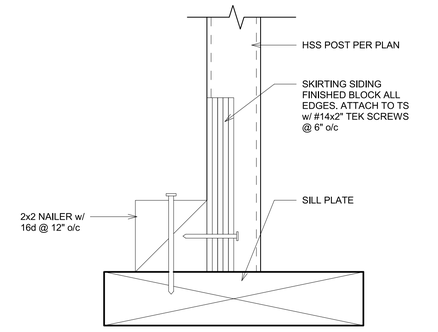
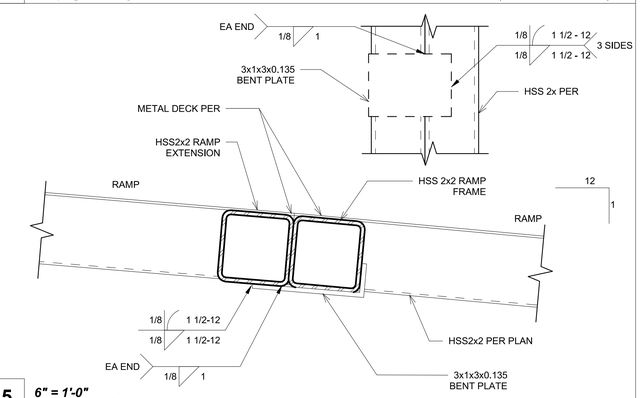


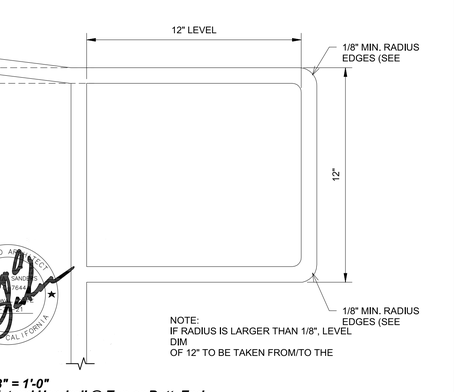
8 *6" = 1'-0"*
Interior Landing Leg Section



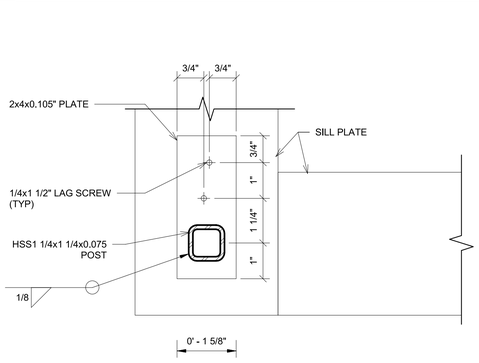
3 *6" = 1'-0"*
Skirt Flashing @ Sill Plate



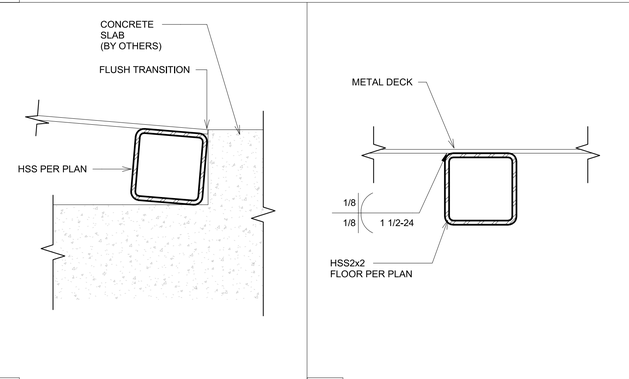
5 *6" = 1'-0"*
Ramp Extension



7 *3" = 1'-0"*
Extend Handrail @ Top or Bott. Ends

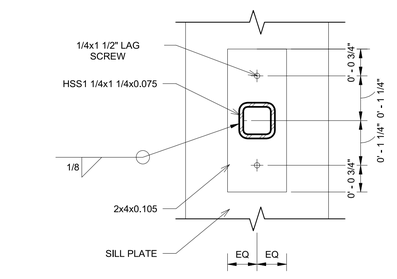


3b *6" = 1'-0"*
Adjustable Leg Base Plate

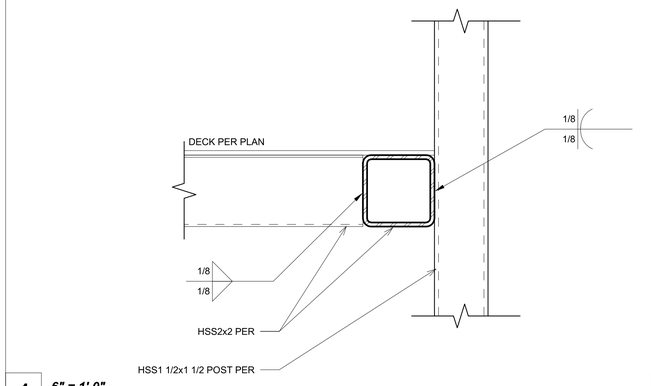


10 *6" = 1'-0"*
Flush Transition @ Bottom of Ramp

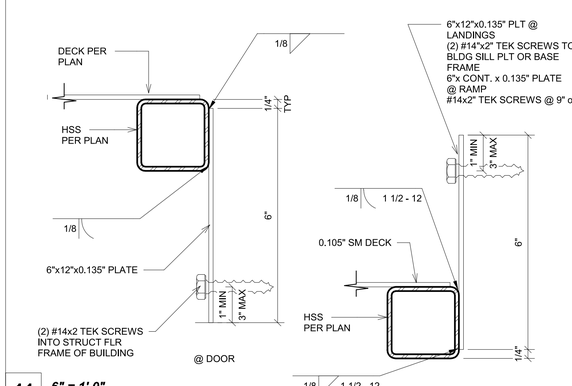
1 *6" = 1'-0"*
Deck to Frame



3a *6" = 1'-0"*
Adjustable Leg Plate



4 *6" = 1'-0"*
Guardrail post Attachment



11 *6" = 1'-0"*
Section @ Plate

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCIS C64380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

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DATE
05/04/2017

SHEET NO.
SR5-3

SHEET OF

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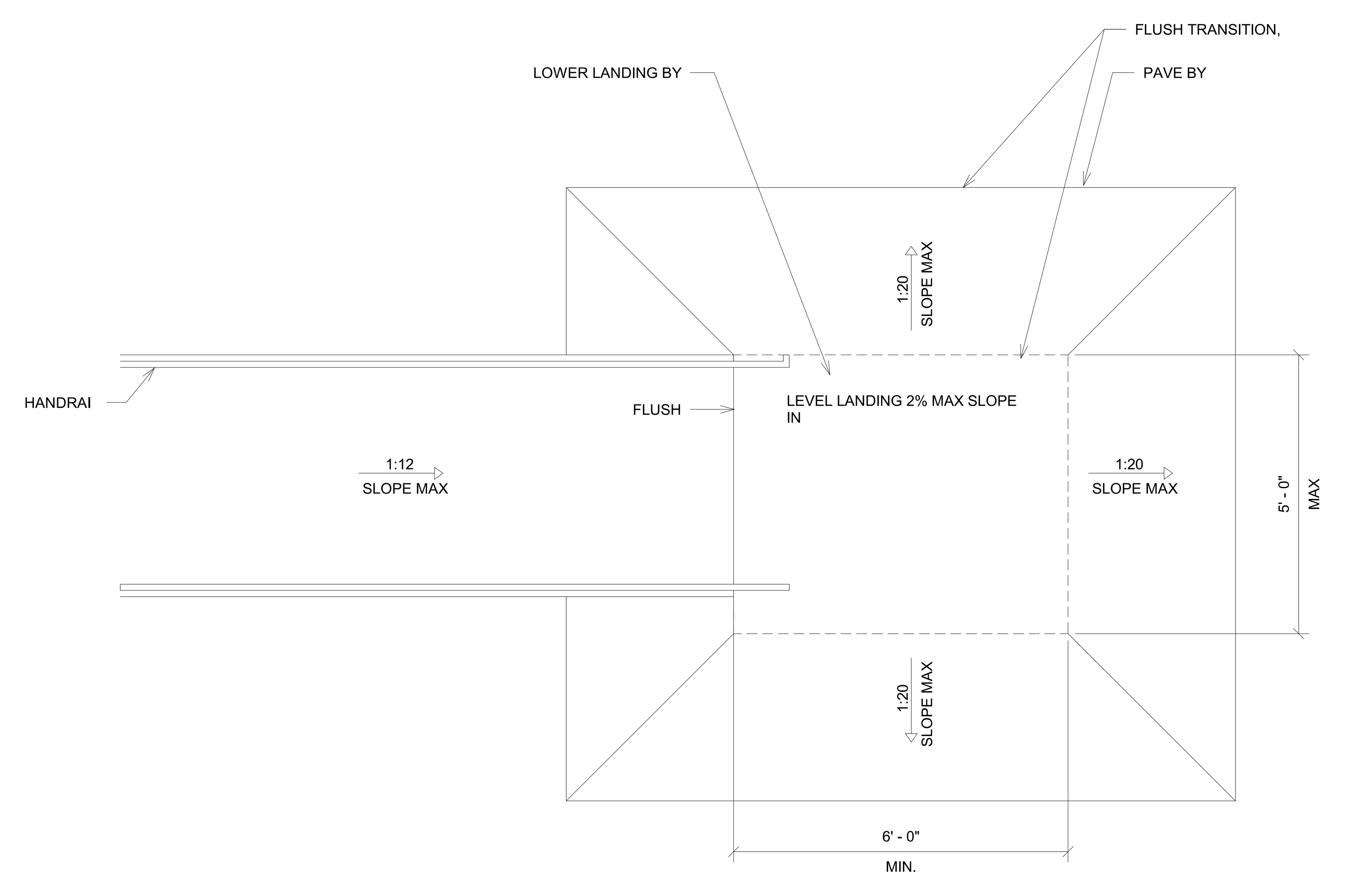
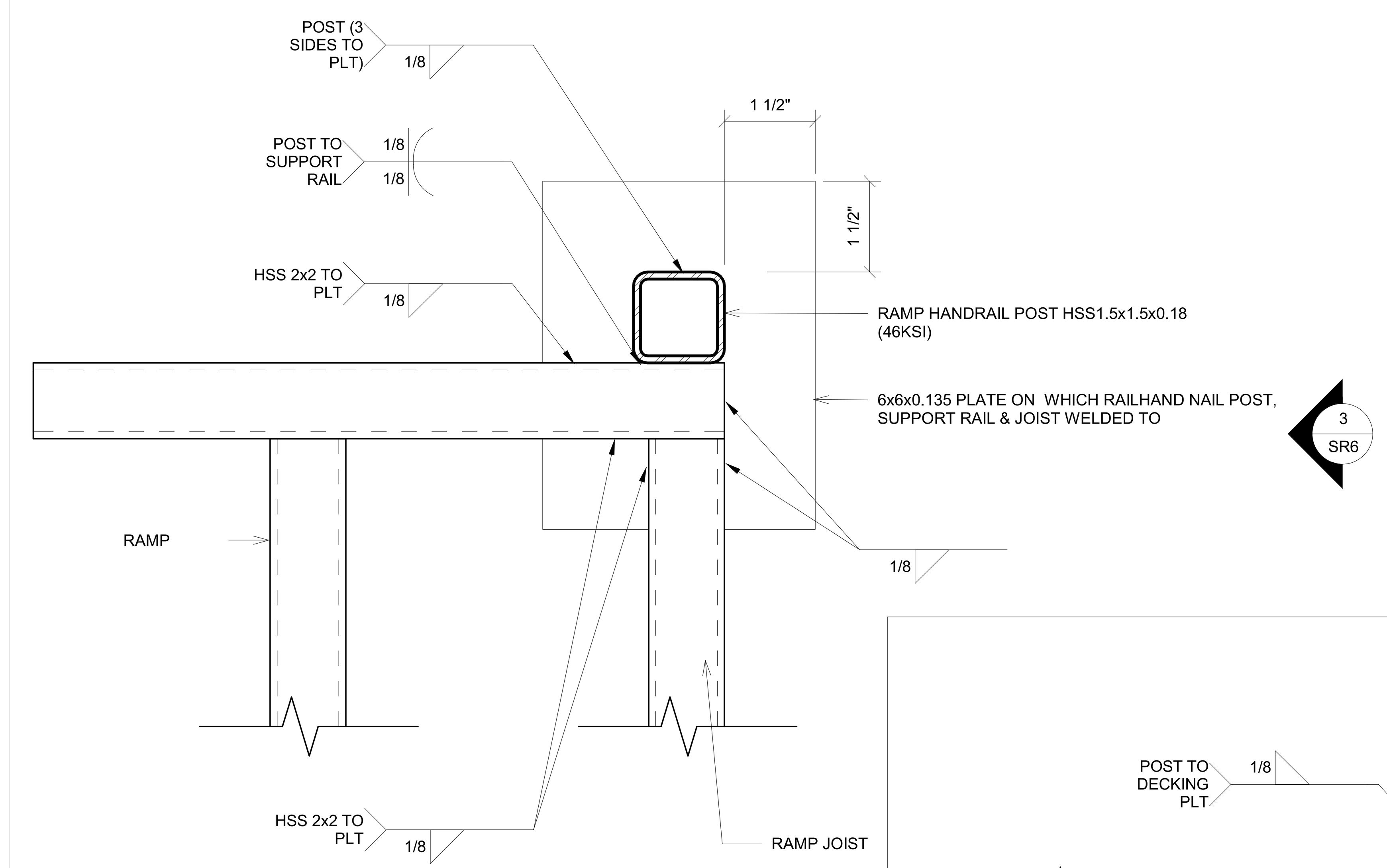


NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

7 *1/2" = 1'-0"* ***Ramp Transition***



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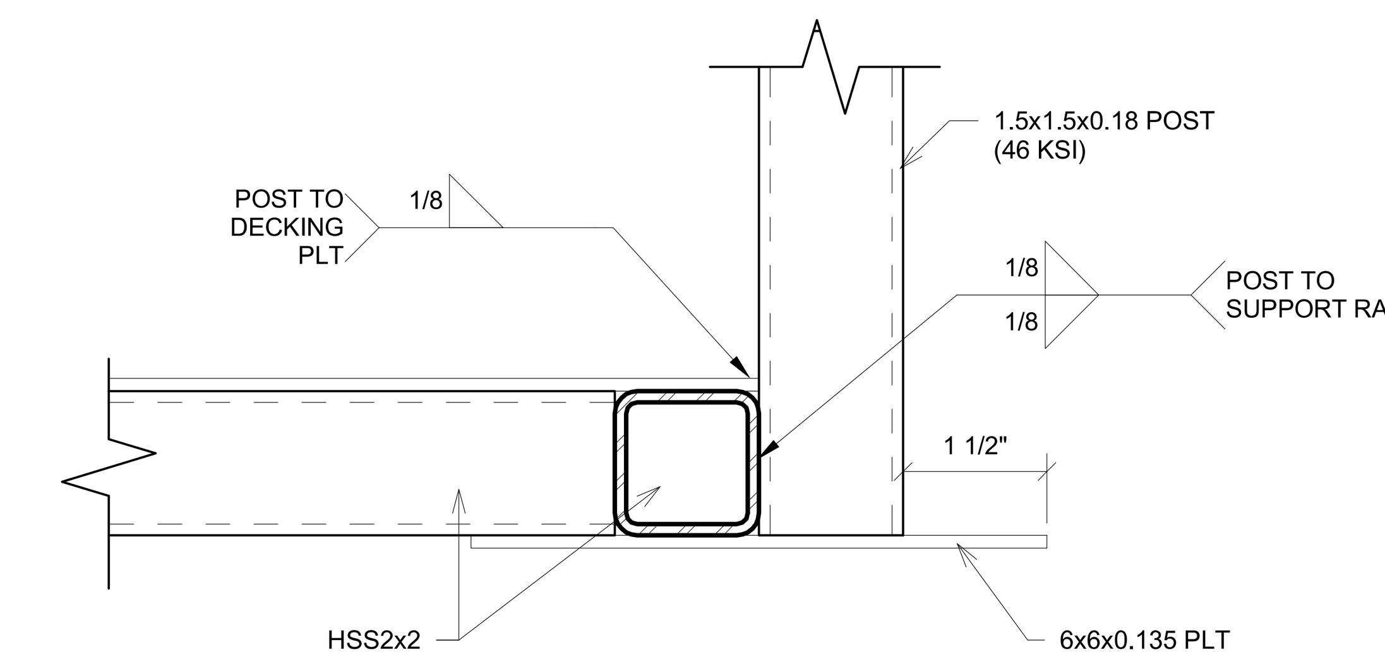
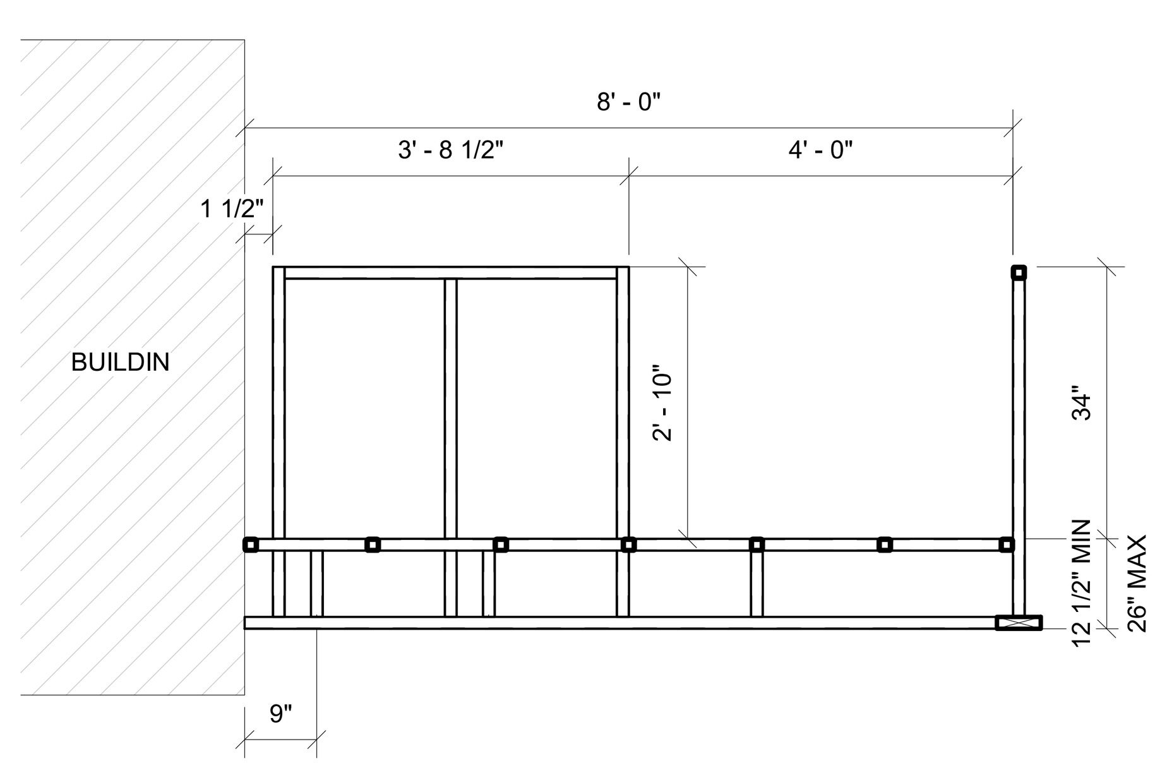
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

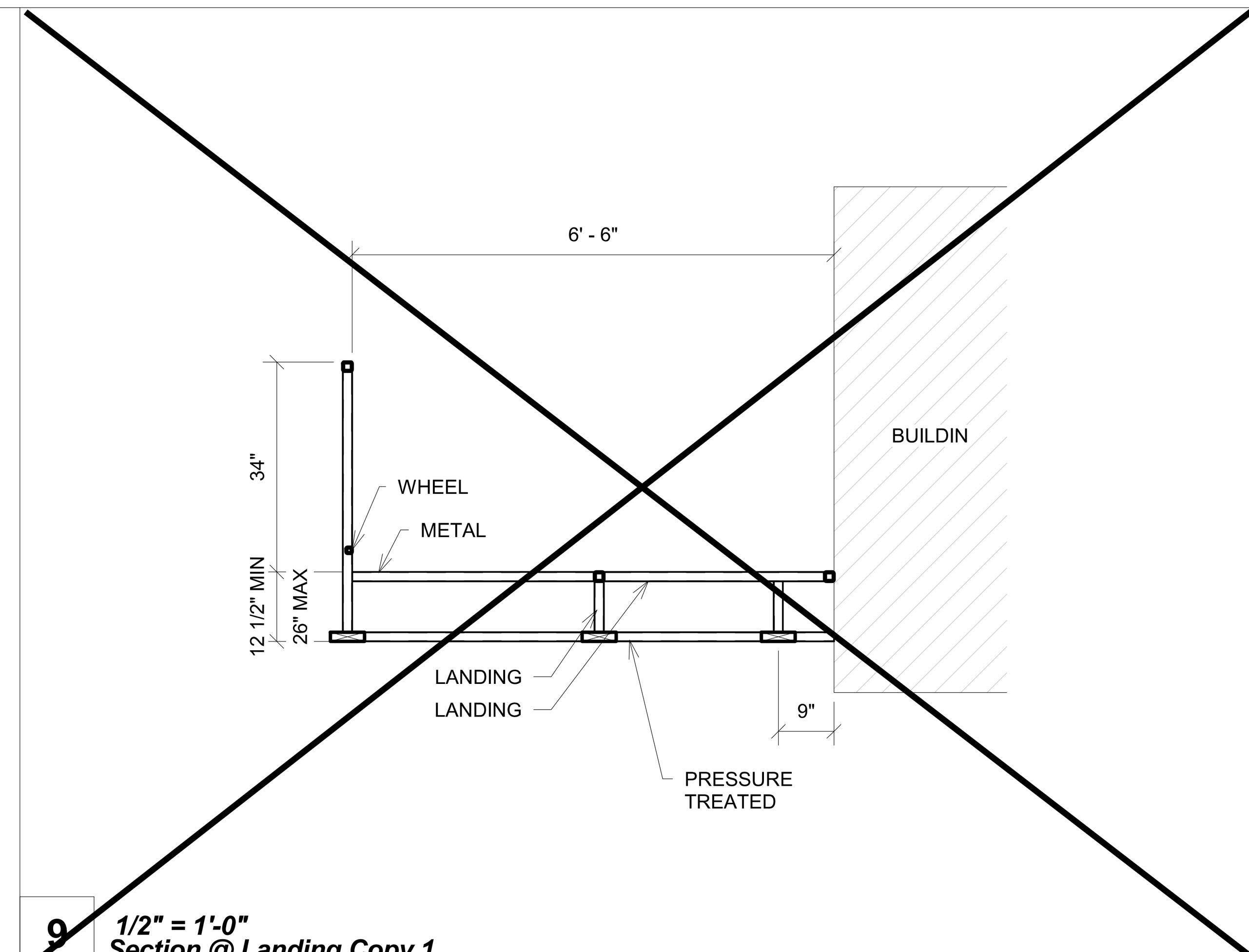
2 *6" = 1'-0"* ***Base Plt @ Ramp Toe For Zero Transition***



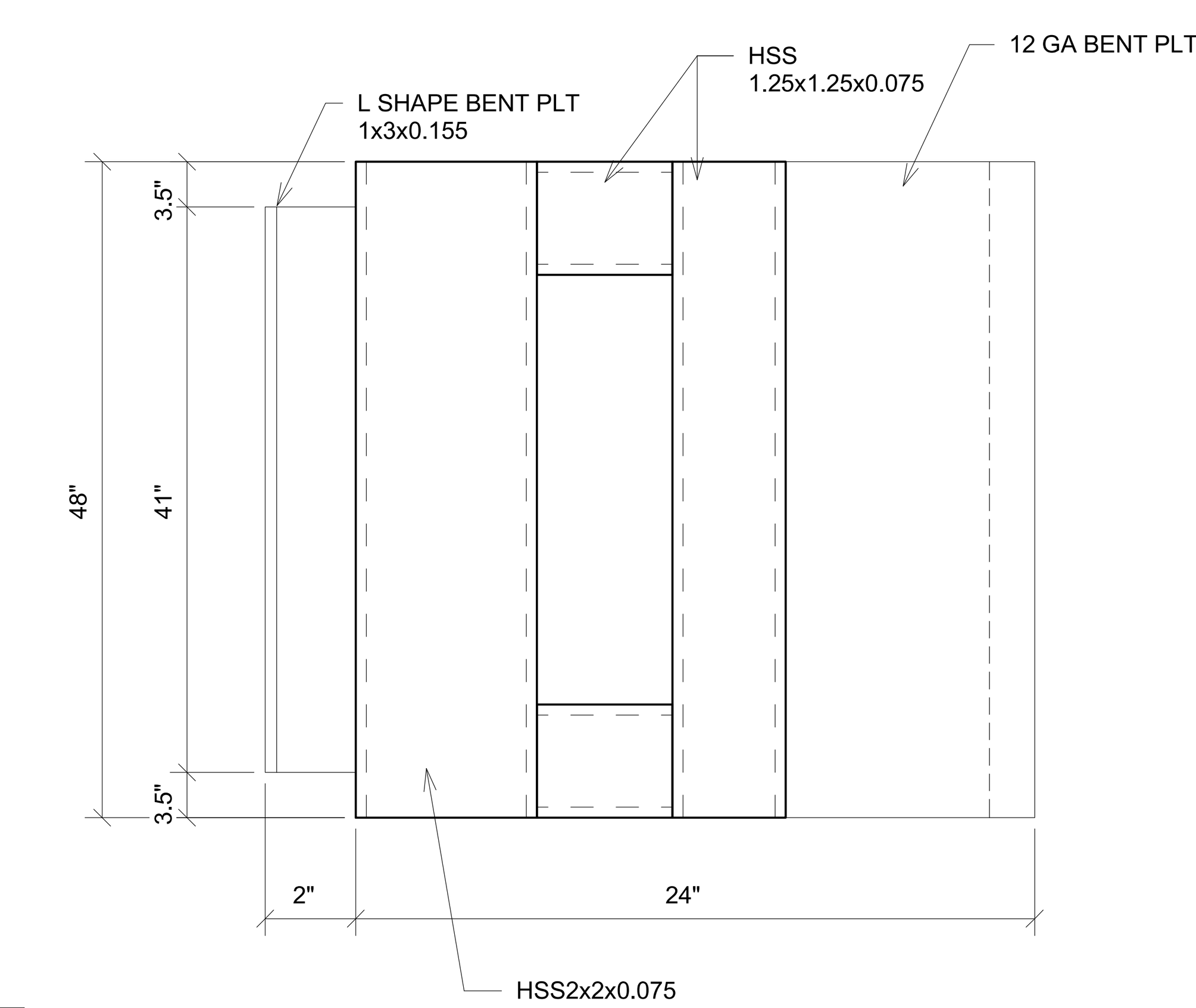
3 *6" = 1'-0"* ***Base Plt @ Ramp Toe Low Zero Side View***



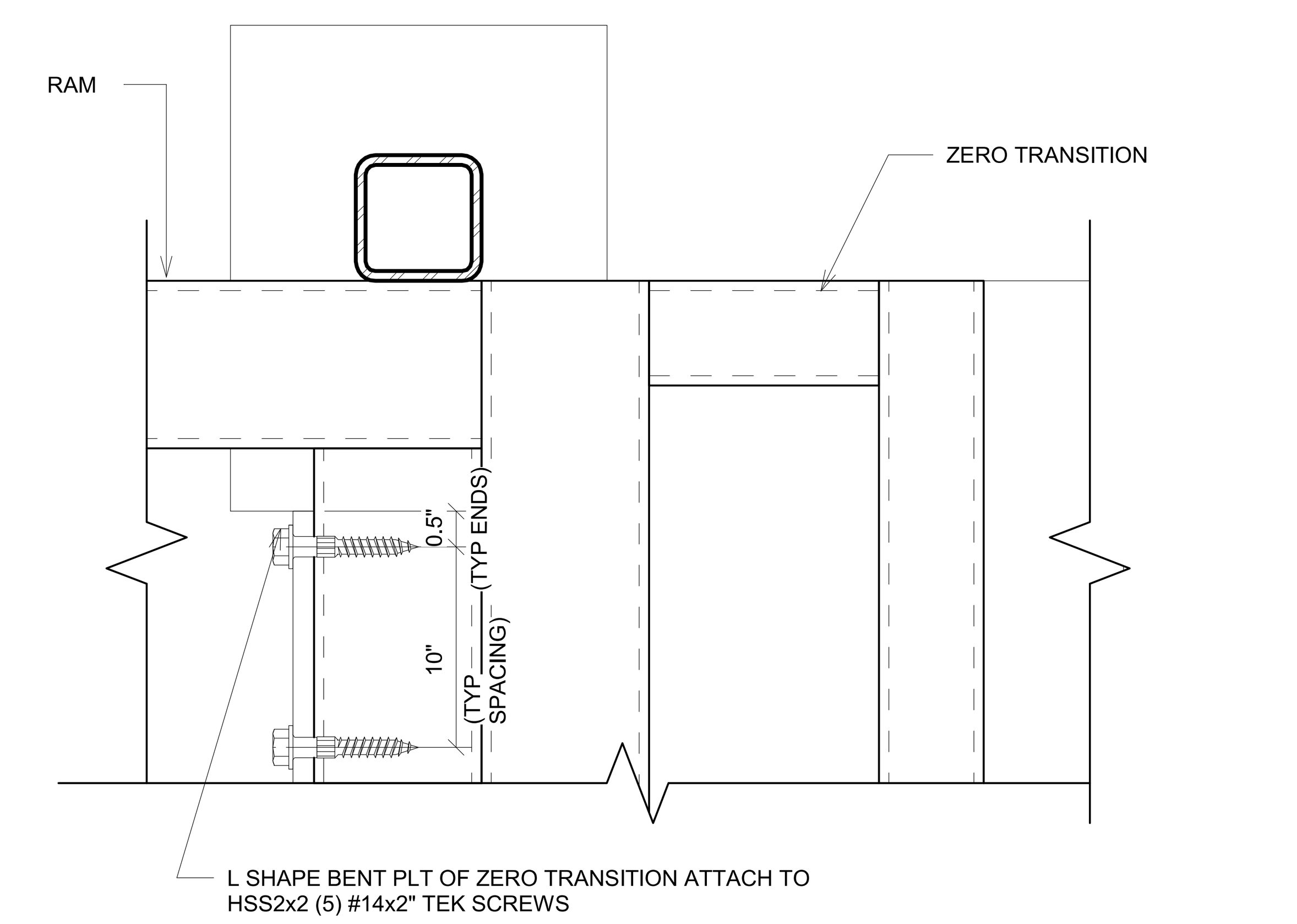
8 *1/2" = 1'-0"* ***Section @ Landing***



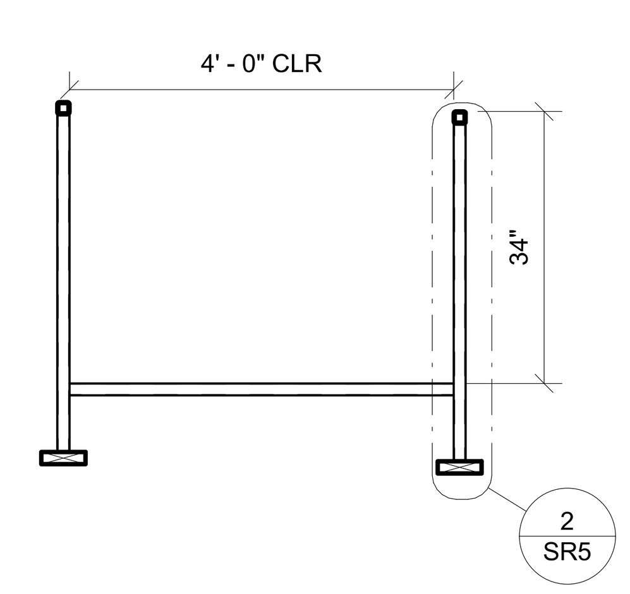
9 *1/2" = 1'-0"* ***Section @ Landing Copy 1***



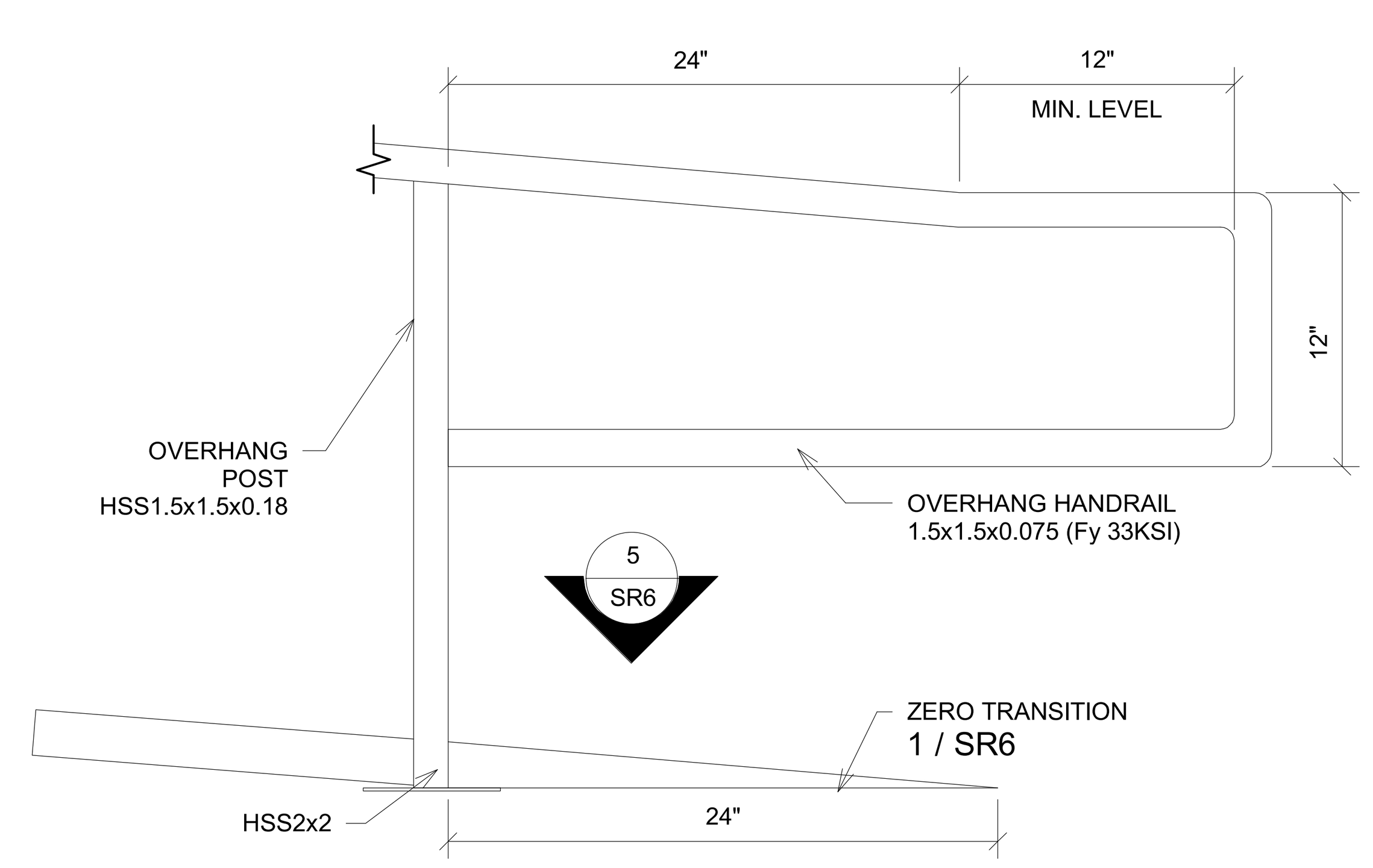
4 *6" = 1'-0"* ***Top View Ramp Zero Transition***



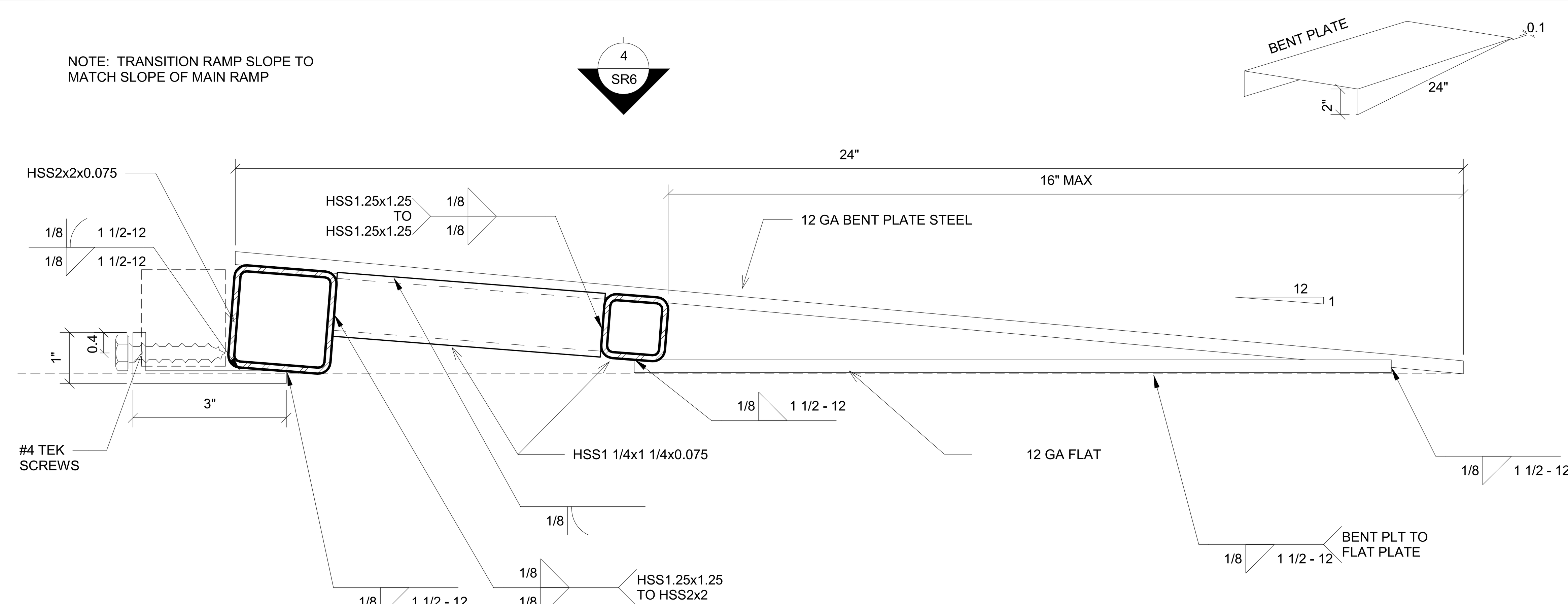
5 *6" = 1'-0"* ***Zero Transition Ramp Connection***



10 *1/2" = 1'-0"* ***Section @ Ramp***



6 *1 1/2" = 1'-0"* ***Extend Handrail @ Bottom End For Zero Transition Ramp***



1 *6" = 1'-0"* ***Zero Transition Ramp***

C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt
12/18/2017 5:45:06 PM

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRAGOSO
S 2380
STRUCTURAL
STATE OF CALIFORNIA
12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-3

SHEET OF

MODTECH DESIGN MT-2440
PC 04-101268
RELOCATABLE CLASSROOM BUILDINGS
BUILDING SIZE: 24'x40'
FOR
JOB#3681
CLASS LEASING

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

STOCKPILE # 56 10-24x40

~~JOB # 3681 (2) SERIAL # 49742-49745 DUAL SLOPE (OPSC OPTIONS)~~
~~JOB # 3413 (1) SERIAL # 46523-46524 DUAL SLOPE~~
~~JOB # 3757 (2) SERIAL # 50441-50444 DUAL SLOPE~~
~~JOB # 4184 (5) SERIAL # 56727-56736 DUAL SLOPE (OPSC OPTIONS)~~

IMPERIAL COLLEGE

(3) 24X40 CLASSROOM

SERIAL NUMBER
56727-56728
56729-56730
56731-56732
~~56735-56736~~

CBC 1998

SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING / STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

ABBREVIATIONS

AGC = ABOVE GRADE CONCRETE
BGC = BELOW GRADE CONCRETE
DIA = DIAMETER
CLR = CLEAR
GA = GAUGE
SIM = SIMILAR
MAX = MAXIMUM
MIN = MINIMUM
NIC = NOT IN CONTRACT
NTS = NOT TO SCALE
OC = ON CENTER
OD = OUTSIDE DIAMETER
OSB = ORIENTED STRAND BOARD
SIM = SIMILAR
STS = SELF TAPPING SCREW
STSMS = SELF TAPPING SHEET METAL SCREW
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
FLOOR LIVE LOAD: 50 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2

BUILDING AREA:
24'x40' BUILDING – 960 SF

APPLICABLE CODES

- 1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
- 1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (1996 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 CCR
- (1990 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)

APPLICABLE STANDARDS

- NFPA 13 – AUTOMATIC SPRINKLER SYSTEMS – 1996 EDITION
- NFPA 14 – STANDPIPE SYSTEMS – 1993 EDITION
- NFPA 17A – WET CHEMICAL SYSTEMS – 1990 EDITION
- NFPA 24 – PRIVATE FIRE MAINS – 1992 EDITION
- NFPA 72 – NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) – 1996 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
- NFPA 253 – CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS – 1989 EDITION
- NFPA 2001 – CLEAN AGENT FIRE EXTINGUISHING SYSTEMS – 1994 EDITION REFERENCE CODE SECTION FOR NFPA STANDARDS – CBC (SFM) 3504.1

LEGEND

SYMBOL	DESCRIPTION
1 (circle)	DETAIL (1) ON SAME SHEET AS SYMBOL
1/2 (circle)	DETAIL (1) ON SHEET (2)
1 (square)	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A/2	SECTION "A" ON SHEET (2)
1 (triangle)	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1 (circle)	DOOR REFERENCE
A (hexagon)	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP – SEE RAMP DRAWINGS

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT. THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

SHEET INDEX

ARCHITECTURAL

STRUCTURAL

MECHANICAL

ELECTRICAL

RAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

04 102824
DEC 2 1 2000

FILE PATH: 2440-A0-01.DWG
PROJECT NO. 3681, 3413, 3757

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1				LICENSED ARCHITECT GEORGE C. EDWARDS No. C2958 REN. 9-30-01 STATE OF CALIFORNIA	PC-04 101268 DATE SEP 07 1999
2					
3					
4					
5					

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 3681

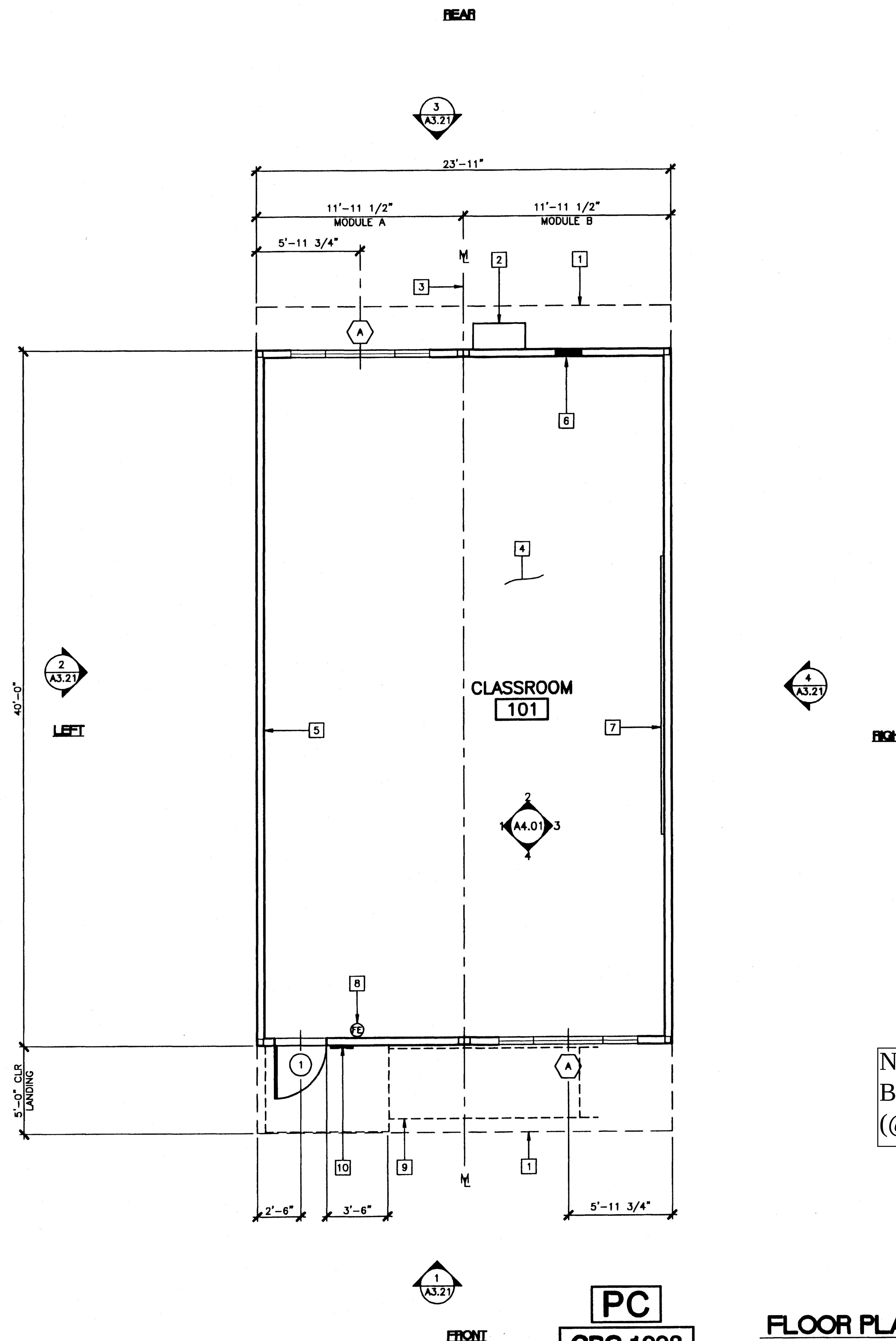
STKP-56
4012-112 10-24x40
22-GA ROOF / OPSC OPTIONS

DRAWN BY: SW
DATE: 10-31-00
CHECKED BY: STKP 56
DATE:

COVER SHEET

MODTECH Index No.
A0.01-4

PC-04-101268



NOTE: BLDG. "A" AS SHOWN
BLDG. "B" OPPOSITE HAND
(@FRONT WALL ONLY)

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. MODLINE (ML)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. ELECTRICAL PANEL (EL)
7. 2- 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
8. FIRE EXTINGUISHER – 5 POUNDS DRY CHEMICAL WITH 2A – 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9. RAMP/LANDING (RAMP)
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING, SHOW DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LIVE LOAD AND DESIGN WIND LOAD
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
(1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
(2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
(3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.

DEC 21 2000

PC
CBC 1998

FLOOR PLAN

(24'x40')
SCALE: 1/4" = 1'-0"

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal | Mechanical Engineer's Seal | Structural Engineer's Seal | Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

DRAWN BY: [redacted]
DATE:
CHECKED BY:
DATE:
MODTECH Index No.

FLOOR PLAN

24'x40'

A1.01-4

FILE PATH: 2440-A1.01.DWG
PROJECT NO. 3681, 3413, 3757,
PC-04-101268

DOOR SCHEDULE 6

DOOR NUMBER	DOOR TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	DOOR MATERIAL	FIRE RATING	HARDWARE SET NO.	FRAME MATERIAL	JAMB THROAT	REMARKS
1	A		3'-0"	6'-8"	HM		1	HM	5-1/8"	

HM – HOLLOW METAL – PRESSED STEEL KD TYPE
AL – ALUMINUM
SST – STAINLESS STEEL
STL – STEEL FRAME. 16ga, FULLY WELDED, GALV AT EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO MATCH TRIM
WWF – WINDOW WALL FRAME
SC – SOLID CORE WOOD
HC – HOLLOW CORE WOOD
SCL – SOLID CORE WOOD LEGACY

WINDOW SCHEDULE 3

WINDOW NUMBER	WINDOW TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	FINISH	REMARKS
A	1		8'-0"	4'-0"	ANODIZED	SEE NOTE #1

ROOM FINISH SCHEDULE 1

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHT	REMARKS
	CLASSROOM	A	D	G	G	G	G	Q	8'-6"	

A – CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN .
B – VINYL SHEET FLOORING
C – VCT. ARMSTRONG STANDARD OR EXCELON
D – TOP SET BASE – 4"
E – TOP SET BASE – 6"
F – SELF COVE BASE – 6"
G – 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
H – 1/8" MARLITE OVER 1/2" GYP BOARD OR 3/8" MARLITE FLAME SPREAD CLASS 3
J – 1/2" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
K – 3/8" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
L – 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
M – 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
N – 3/32" FRP OVER 1/2" WR GYP BOARD
P – NO FINISH
Q – ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

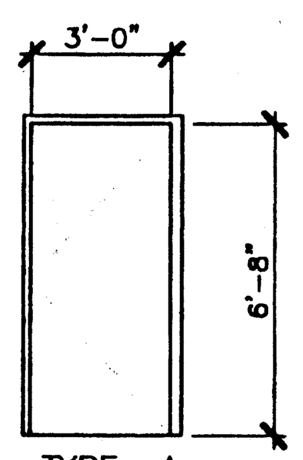
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH MODTECH'S SPECIFICATIONS AND WITH CBC CHAPTERS 3, 6, 7, 8 AND 10 AND CFC AND TITLE 19 CCR
2. PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED, ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

FILE PATH: 2440-A5.01.DWG

DOOR ELEVATIONS 7

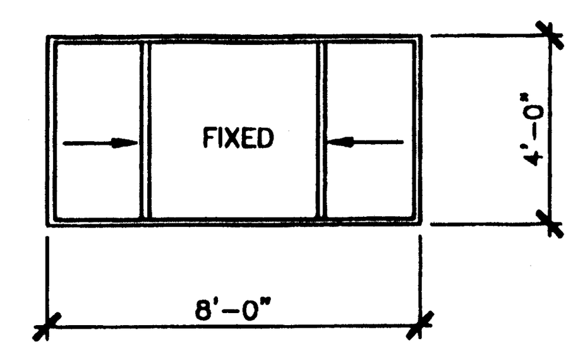


TYPE A

DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF & DEAD BOLTS AT 44" AFF. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1 3/4" THICK UON DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
3. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS AT EXTERIOR DOORS AND 5.0 LBS AT INTERIOR DOORS.
4. PLACE SIGN OVER EXIT DOORS: "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS"
5. SIGNAGE IS NOT IN MODTECH CONTRACT

WINDOW ELEVATIONS 4



TYPE 1

WINDOW NOTES

1. ANODIZED ALUMINUM, GLAZING, 7/32" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 46%, ALL OPERABLE SASH SHALL HAVE SCREENS.
2. OPTIONAL DUAL PANE.

HARDWARE SCHEDULE 8

HARDWARE SET #1 (EXTERIOR)
- LOCKSET – SCHLAGE D70PD, RHODES LEVER, OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 26D OR EQUAL.
- CLOSER – NORTON 8501 BFDP OR EQUAL.
- THRESHOLD – PEMCO 271A OR EQUAL.
- DOOR BOTTOM – PEMCO 216AV OR EQUAL.
- WEATHER-STRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #2 (INTERIOR PASSAGE)
- LOCKSET – SCHLAGE D10S WITH RHODES LEVER, OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" OR EQUAL.

HARDWARE SET #3 (INTERIOR/OFFICE LOCKABLE)
- LOCKSET – SCHLAGE D53PD, WITH RHODES LEVER OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #4 (INTERIOR DOUBLE LOCKABLE)
- LOCKSET – SCHLAGE D66PD, WITH RHODES LEVER OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #5 (INTERIOR TOILET ROOM/PRIVACY)
- LOCKSET – SCHLAGE D40S WITH RHODES LEVER OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

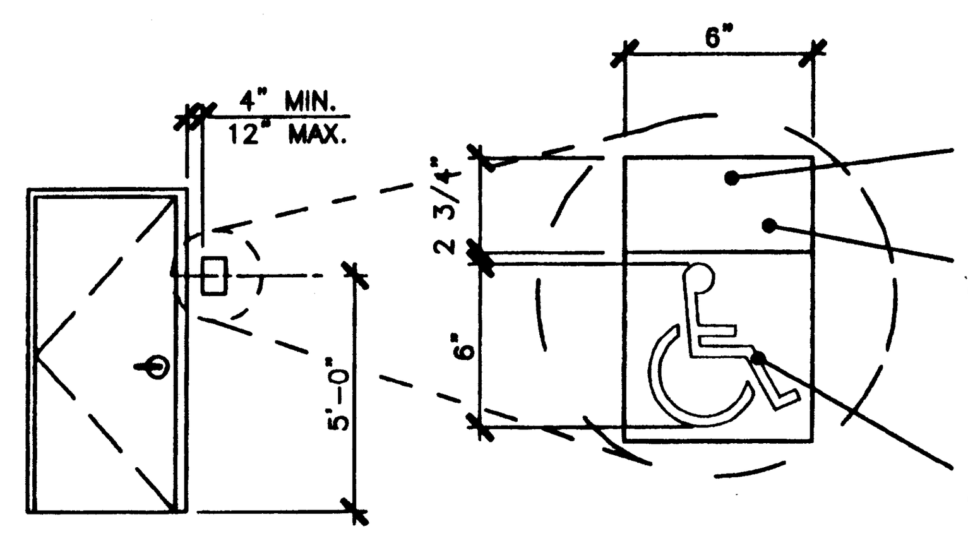
HARDWARE SET #6 (INTERIOR STOREROOM)
- LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #7 (PANIC)
- LOCKSET – VON DUPRIN 99L PANIC HARDWARE OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 26D OR EQUAL.
- CLOSER – NORTON 8501 BFDP OR EQUAL.
- THRESHOLD – PEMCO 271A OR EQUAL.
- DOOR BOTTOM – PEMCO 216AV OR EQUAL.
- WEATHER-STRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #8 (INTERIOR RATED)
- LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
- BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.
- CLOSER – NORTON 8501 BFDP OR EQUAL.
- SMOKE SEAL – PEMCO S-88 3068 SMOKE SEAL OR EQUAL.

LICENSED ARCHITECT JIMMIE SANDERS 7644 CALIFORNIA

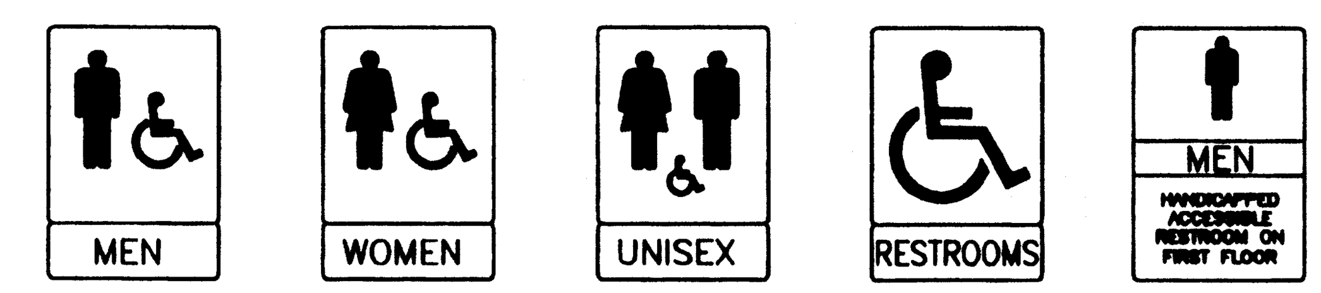
ACCESSIBILITY SIGNAGE (BY DISTRICT) 5



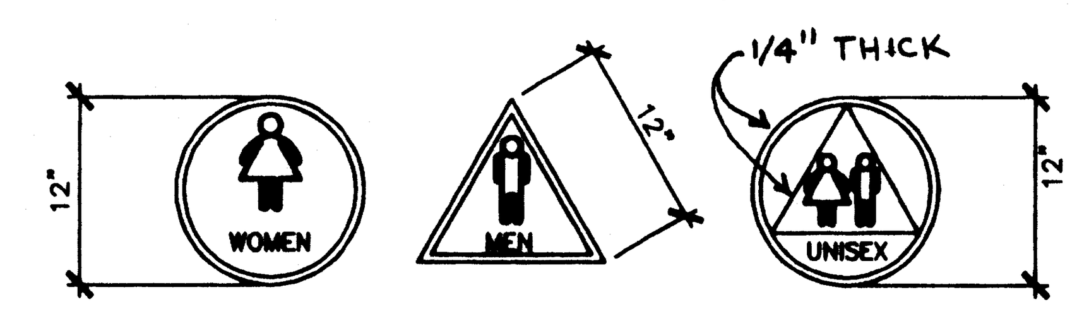
ENTRY DOOR FROM EXTERIOR VIEW

PC
CBC 1998

TOILET ROOM SIGNAGE (BY DISTRICT) 2



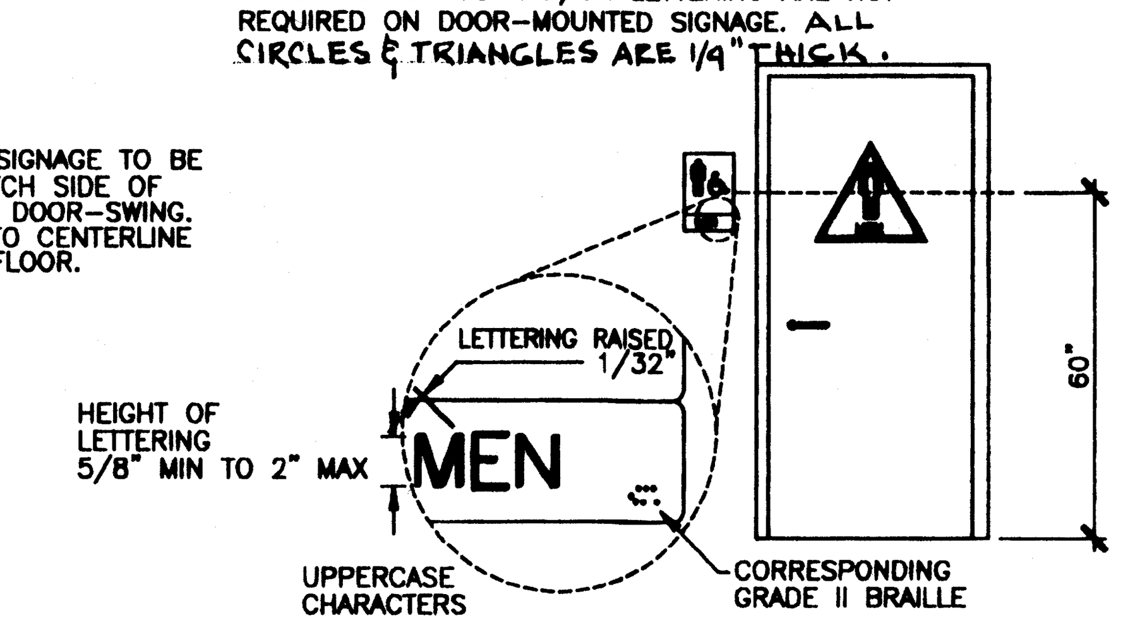
WALL-SIGNAGE (TYP)



DOOR MOUNTED SIGNAGE (TYP)

NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR-MOUNTED SIGNAGE. ALL CIRCLES & TRIANGLES ARE 1/4" THICK.

WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR CLEAR OF DOOR-SWING. MOUNT AT 60" TO CENTERLINE OF SIGN FROM FLOOR.



IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES

INTERNATIONAL SYMBOL OF ACCESS (WHEEL CHAIR SYMBOL) REQUIRED DOOR OR AT STRIKE SIDE ROOM IDENTIFICATION

DEC 2 1 2000

PROJECT NO. 3681

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal: LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-01 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04
101268
AC
DATE SEP 0 7 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

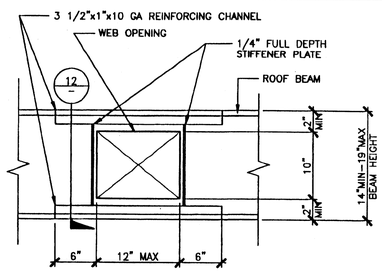
PROJECT NUMBER:

DRAWN BY: [redacted]
DATE:
CHECKED BY:
DATE:

SCHEDULES

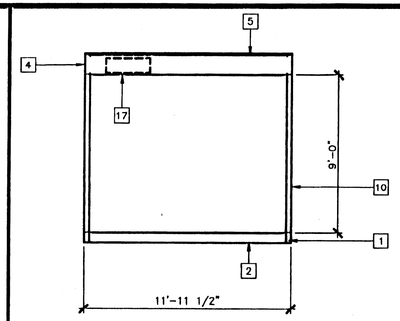
MODTECH Index No.
A5.01-4

PC-04-101268



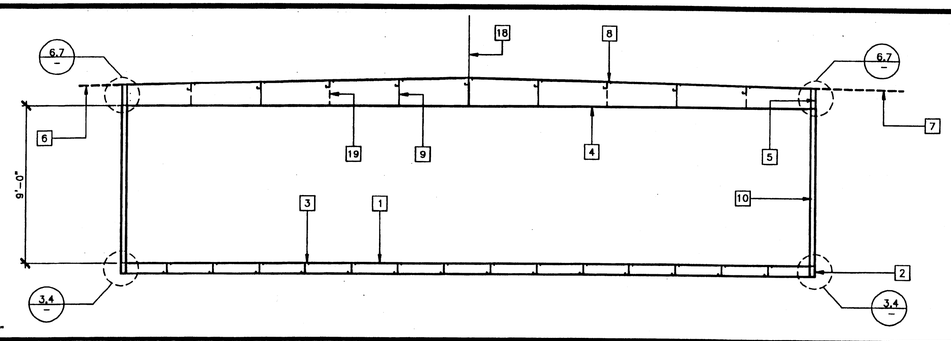
SCALE: NTS

OPTIONAL BEAM PENETRATION 11



SCALE: 1/4"=1'-0"

SECTION AT END WALL B

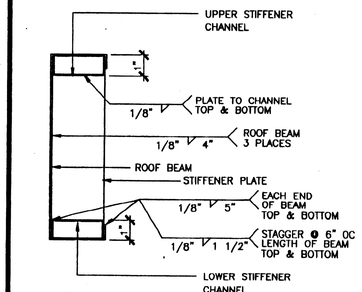


SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL A

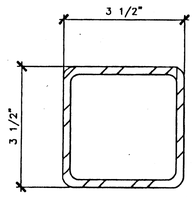
KEY NOTES

1	FLOOR BEAM – 1/S1
2	FLOOR HEADER – 1/S1
3	FLOOR JOIST – 2/S1
4	TAPERED ROOF BEAM – 1/S2.11
5	ROOF HEADER – 2/S2.11
6	ROOF OVERHANG AT REAR
7	ROOF OVERHANG AT FRONT
8	ROOF PURLIN – 3/S2.11
9	1/4" FULL DEPTH STIFFENER PLATE AT 8'–0" OC TYPICAL ALIGN WITH PURLIN – 8/S2.11
10	TUBE STEEL COLUMN, SEE TABLE BELOW – 8/S3.11
11	3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE – 3/S1
12	3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13	(1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14	3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15	BACK–UP PLATE – 10 GA MIN
16	1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17	HVAC DUCT OPENING – 9/S2.11
18	RIDGE
19	1/4" FULL DEPTH STIFFENER PLATE AT 4'–0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20	HAND HOLE AT BOLT LOCATION
21	5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22	FLOOR SHEATHING
23	MODULE JOINT
24	NOT USED
25	3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26	STEEL ANGLE WELD TAB
27	8"x3 1/2"x14 GA OVERHANG BEAM – 3/S2.02



SCALE: NTS

PENETRATION REINFORCMENT 12

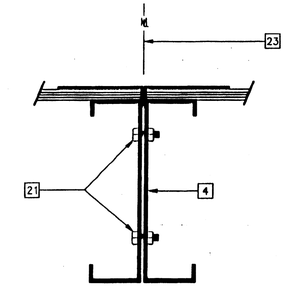


ASTM A-500, GRADE B

SEE TABLE S3.11

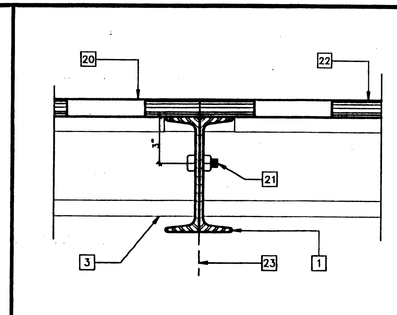
SCALE: 6"=1'-0"

TUBE STEEL COLUMN/STIFFENER 8



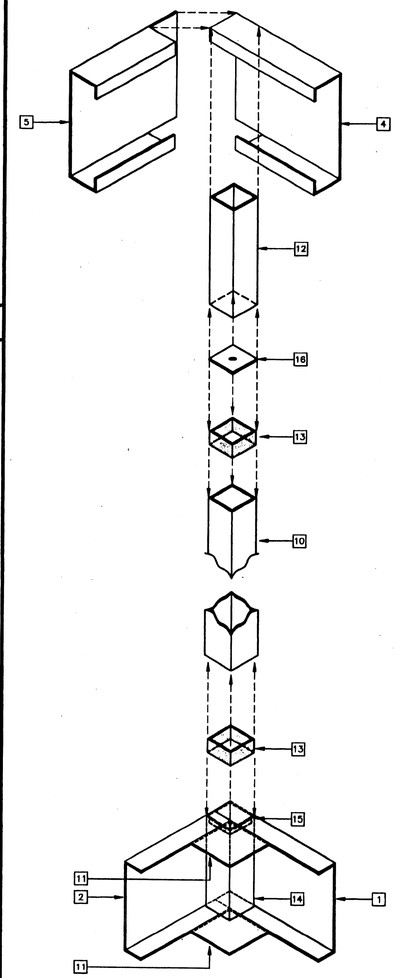
SCALE: NTS

MODULE CONNECTION AT ROOF 5



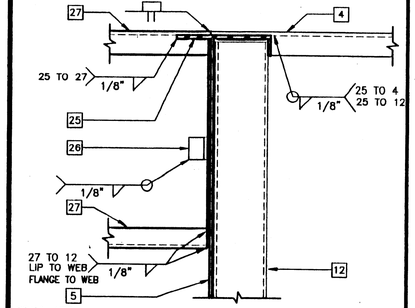
SCALE: NTS

MODULE CONNECTION AT FLOOR 2



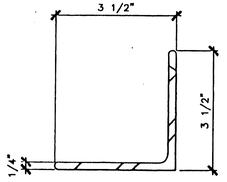
SCALE: NTS

COLUMN AT FLOOR AND ROOF 1



SCALE: NTS

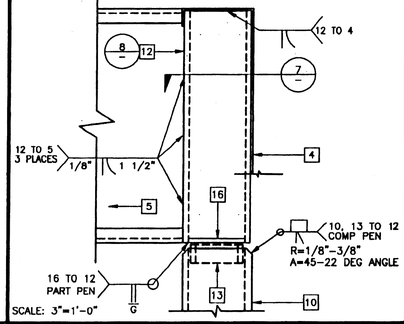
OVERHANG AT ROOF BEAM 13



ASTM A-36

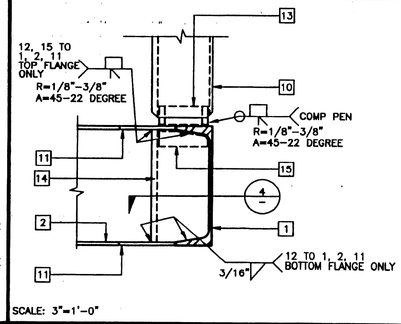
SCALE: 6"=1'-0"

STIFFENER ANGLE 9



SCALE: NTS

COLUMN AT ROOF 6



PC

CBC 1998

SCALE: NTS

COLUMN AT FLOOR 3

WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE

SCALE: NTS

OPTIONAL BEAM PENETRATION 10

SCALE: NTS

STIFFENER AT ROOF 7

SCALE: NTS

STIFFENER AT FLOOR 4

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
[illegible] MPH	[illegible]
80 MPH	3 1/2"x3 1/2"x5/16"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

[illegible]
FLS SS 6M
DEC 2 1 2000

FILE PATH: 2440-S3.11.DWG

PROJECT NO. 3681, 3757

PC-04-101268

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

[illegible] 2000

Architects Seal

LICENSED ARCHITECT GEORGE C. EDGAR JR. No. C 2956 REN. 9-30-01 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC: FLS: SS: 6M
DATE: SEP 07 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

DRAWN BY:
DATE:
CHECKED BY:
DATE:

MODTECH Index No.

STRUCTURAL FRAMING 22 GA DUAL PITCH S3.11-4

CLASS LEASING, LLC.

1320 Oleander Ave. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

RELOCATION FOUNDATION PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION - 2016 CODE UPDATE

FOUNDATIONS

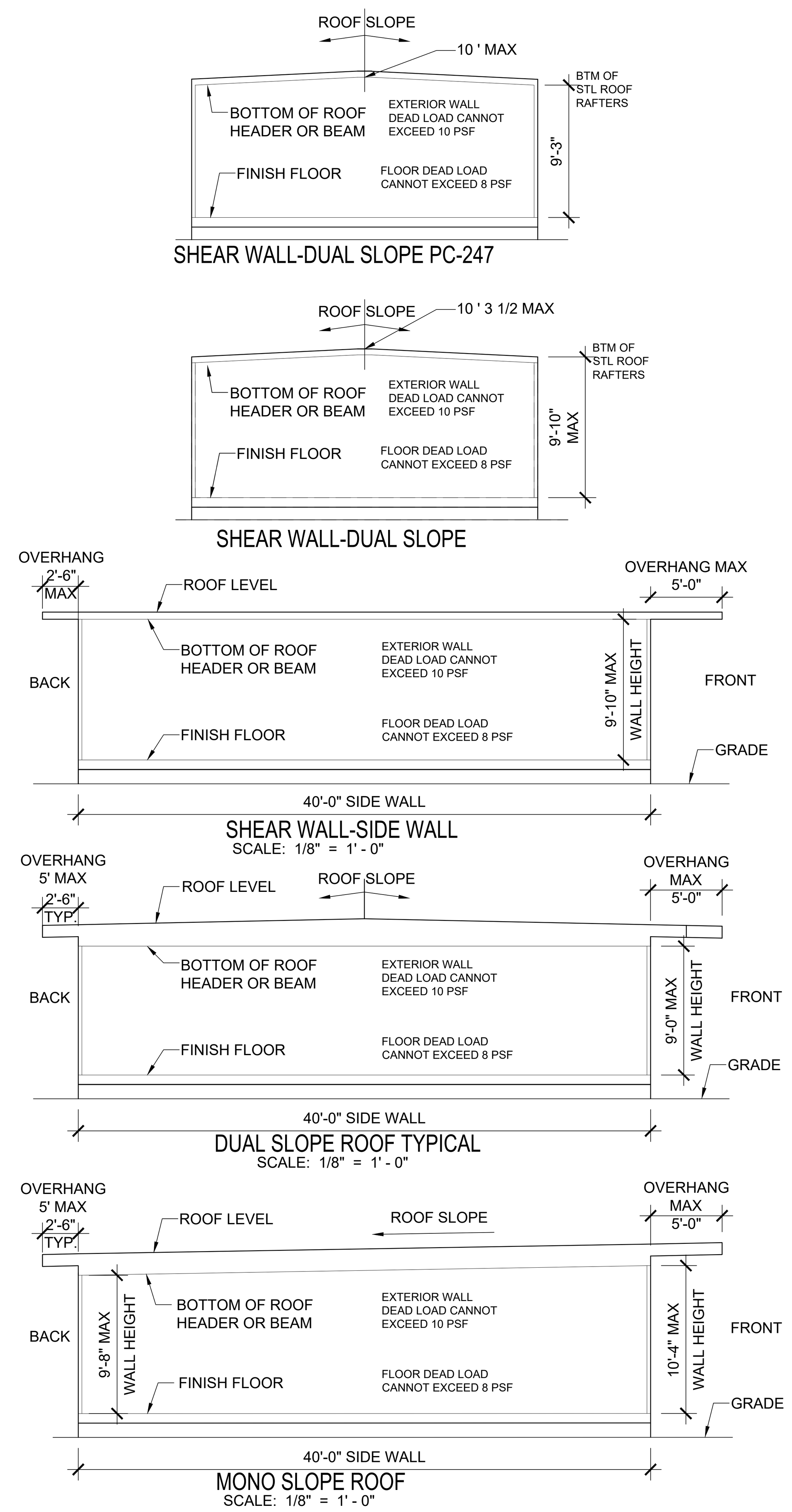
DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2015 IBC AND CBC 2016

SEISMIC DESIGN DATA: — MOMENT FRAME PC'S
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 8573 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 11950 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING =15330 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.514 R: = 3.5 SITE CLASS =D
Ss = 2.7 mapped value
SDs = 1.80 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389
RISK CATEGORY = II

SEISMIC DESIGN DATA: — SHEAR WALL PC'S
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 4920 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 6440 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING =8261 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.277 R: = 6.5 SITE CLASS =D p = 1.3
Ss = 2.7
SDs = 1.8 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.389 per CBC Figure 1613A.5 (2) SD1 = 1.389
RISK CATEGORY = II

FLOOD DESIGN DATA: Project is not located in a flood zone.



TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC LIMITATIONS ONLY. DOCUMENTATION SHALL BE PROVIDED BY ENGINEER IN GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWINGS.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. **DSA APPROVED STOCKPILE BUILDINGS**
2. **ROOF OVERHANGS OF 5'-0" MAXIMUM**
3. **MONO SLOPE OR DUAL SLOPE BUILDINGS**
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON MONO SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL - DUAL SLOPE BUILDING
4. **WALL DEAD LOAD OF 10 PSF (NO STUCCO)**
5. **FLOOR DEAD LOAD OF 8 PSF**

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 01	52513	46750-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 04	52516	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 05	52515	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50#, 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
→ STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	**50#**	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
	04-105203	PC 04-101055	06-29-1999	24 x 40	50+20#	AURORA
	03-105678	PC 04-101055	06-29-1999	24 x 40	50#	AURORA
	04-101403	PC 362	10-16-1997	24 x 40	50 + 20#	MSI

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-106-419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	36 x 40	**70#**	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113418	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

DSA-103 rev 12/20/13
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES
Statement of Structural Tests & Special Inspections - 2016 CBC

INCREMENT #
DSA File No.:
Application No.:
Date Submitted:
Revised:
Revised:

SCHOOL NAME: SAMPLE: CONCRETE FOUNDATION — DISTRICT

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual test and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is mandatory requirement. A shaded box indicates a test or special inspection that may required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the " COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA - 103. INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE 1	PERFORMED BY2	CODE REFERENCE AND NOTES
-	SOILS			
	1. GENERAL: Table 1705A.6			
X	a. Verify that: • site has been prepared prior to placement of controlled filled and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. * Soil test and inspections are only applicable if there is Geotechnical Report
-	2. COMPACTED FILLS: Table 1705A.6			
X	a. Perform qualification testing of fill materials	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	b. Verify use of proper materials and inspect lift thickness, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c. Test compaction of fill.	Test	Lab*	* Under the supervision of the geotechnical engineer. * Soil test and inspections are only applicable if there is Geotechnical Report
-	CONCRETE Table 1705A.3			
-	7. CAST IN PLACE CONCRETE			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	SI & PI *	* To be performed by batch - plant special inspector and project inspector.
X	b Test reinforcing steel.	Test	Lab*	1913A.2 (1913.2.6). ASTM A370. DSA IR 17 - 10
X	C. Perform slump, temperature, and (where required) air contents tests.	Test	Lab*	ASTM C172, ASTM C31.
X	d. Test concrete (compression).	Test	Lab*	ACI 318 Section 5.6 and 1905A. 1.2 (1913.3.1). ASTM C39.
	Inspection:			
X	e. Batch plant inspection	Continuous	SI	1705A.3.2; If approved by DSA, batch plant inspection may be reduced to periodic if plant complies with 1705A.3.3, Item 1, and requires first batch inspection, weighmaster, and batch tickets.
X	g. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
+	MASONRY TMS 402 - 11/ACI 530 - 11/ASCE 5 - 11 Table 1.19.3			
-	STEEL Table 1705A.2.1			
-	17. STRUCTURAL STEEL AND COLD - FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	a. Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements, • Material sizes, types and grades comply with requirements.	Periodic	*	* By a special inspector when performed off- site; by project inspector steel shipped directly to project site without welding or fabrication.
X	b. Test unidentified materials	Test	Lab*	2203A.1 (2203.1). ASTM A370.
	Inspection:			
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
-	19. WELDING:			DSA IR 17 - 3 AWS D1.1 AND AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17 - 3.
-	19.2 FIELD WELDING:			
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Per AISC 360 (and AISC 341 as applicable). DSA IR 17 - 3.
+	WOOD			
+	OTHER			

1 Soil testing and Inspection: Geotechnical Verified Report - Form DSA - 293
2 All Structural Testing: Laboratory Verified Report - Form DSA - 291
3 Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA - 292
4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA - 292

KEY to Columns	
1 Type -	2 Performed By -
Continuous - Indicates that a continuous special inspection required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic - Indicates that a periodic special inspection is required	LAB - Indicates that the test or inspection is to be performed by a testing a laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4 - 335, 2013 CCR Title 24, Part 1.
Test - Indicates that a test is required	PI - Indicates that the special inspection is to be performed by the project inspector

THE EXAMPLE FORM DSA - 103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA - 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA - 103 ARE TO BE CROSSED OUT ON THIS DRAWING.

DSA 103 EXAMPLE IS FOR REFERENCE ONLY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 03/04/2019

REVISIONS	BY
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CLASS LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

ENGINEER
Date Signed: February 26, 2019

AOR

SHEET TITLE: COVER SHEET

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

DATE: 02-25-2019
DRAWN BY: Bernie P.
SCALE: AS SHOWN
JOB: -

C-1.0-4

NOTES CONTINUED:

CONTRACTOR OPERATIONSHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACITLITES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND PERSONEL.

NOTES:

3.01 CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY.

2. WORKMANSHIP:

a. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL, PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES

b. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE COROSION RESISTANT BOX NAILS.

c. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT.THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8.IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF IT MINIMUM ALLOWABLE EDGES DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

d. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

4.01 MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-LANCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU LATEST EDITIONS.GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR NO. 2

2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4' X 8' PANELS MINIMUM, EXCEPT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 2" AT WALLS.

3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-2012 & 2012 EDITION OF **NDS** THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION). BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2012 NDS. BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY STEEL BOLTS WITH MINIMUM YIELD STRENGTH OF 45,000 PSI. RE TIGHTEN BOLTS BEFORE CLOSING IN WORK.

4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARD B18.2.1 AND 2012 NDS. HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. ONE QUARTER INCH (1/4) DIAMETER LAG SCREWS NEED NOT HAVE PRE-AIMED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREW WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.

5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUR WASHERS) UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON ON WOOD.

6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2012 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS.SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.

7. WOOD MEMBER SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.

8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.

9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2012 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2 TABLE 2304.9.1. ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS, PER THE REQUIREMENT OF CCR TITLE 24, PART 2, WITH MINIMUM
BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENT BELOW.)

10. NAIL EQUIVALENCE: (PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O.)
6D EQUALS . 113" DIA. - PROVIDE 1.36" MINIMUM POINT PENETRATION
8D EQUALS . 131" DIA. - PROVIDE 1.57" MINIMUM POINT PENETRATION

11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.8, CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.8.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS " FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIALS SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.8. TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBER WITH AN APPROVED PRESERVATIVE. (WILLARD W/B COPPER GREEN 2% OR AN APPROVED EQUIVALENT). WHERE NOTED, MEMBERS BELOW SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.

12. ONLY MATERIAL IN CONTACT WITH GROUND NEEDS TO BE PRESSURE TREATED ALL OTHER FOUNDATION MEMBER CAN BE DF OR HF#2 OR EQUAL.

13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2.MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.

14. FASTENERS FOR PRESURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOODS SHALL COMPLY WITH SECTION 2304.9 OF CBC.

15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.9.1.1 OF CBC.

16. SHIM MATERIALS SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED).

17. USED LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM.

18. TIE PLATES SHALL CONFORM TO A-1011 GRADE 33.

NOTES CONTINUED:

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OR GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSERVATION
SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC., ADDITIONAL COST WILL BE CHANGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. PROVIDE ELECTRICAL GROUNDING TEST PER DSA IR E-1.

2. FIELD WELDING FOR WELDED TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION.)

THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY
A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTION ARE REQUIRED.

7.01 CONCRETE AND REINFORCING STEEL

1. SOIL TYPE AND FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. ALL CONCRETE SHALL HAVE MINIMUM STRENGTH AT 28 DAYS FOOTINGS: f'c = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI).
3. CONCRETE SHALL CONFORM TO CBC 2016 AND ACI 318-14
CONCRETE MIX DESIGN SHALL BE PROVIDED (ACI 3 POINT CURVE) FOR REVIEW.
f'c = 3000 PSI AT 28 DAYS.
AGGREGATE SHALL BE 3/4" TO 1" MAX SIZE BUT NOT GREATER THAN 3/4" MIN CLEAR BAR SPACING.
WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK.
MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
4. CONTINUOUS BATCH PLANT INSPECTION SHALL BE PROVIDED FOR ALL CONCRETE.
5. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150, UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT.
6. PORTLAND CEMENT CONFORMING TO ASTM C - 150, TYPE II LOW ALKALI.
7. NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C-33. EXPANDED CLAY SHALL CONFORM TO ASTM C-330.
8. FOR SLAB-ON-GRADE: MINIMUM CEMENT CONTENT SHALL BE 5.3 SACKS PER CU.YARD.
9. CONCRETE MAX SLUMP SHALL NOT EXCEED 4" (+/-) 1".
10. FLY ASH (CLASS N OR F ONLY) IS NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT OR ENGINEER AND SHALL NOT EXCEED 12% VOLUME OF THE TOTAL CEMENT CONTENT.
11. REINFORCING STEEL GRADE 40 OR 60: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615, GRADE 60, EXCEPT TIES AND STIRRUPS NO.3 AND NO.4 MAY BE GRADE 40.
12. WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706 OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-2011.
13. ALL REINFORCING STEEL SHALL HAVE A 57 BAR DIAMETER MINIMUM LAP SPLICE (2'-0" MINIMUM) UNLESS NOTED OTHERWISE.
14. SPLICES OF HORIZONTAL REINFORCING IN WALLS SHALL BE STAGGERED.
15. ANCHOR PLATES SHALL CONFORM TO ASTM A-36.
16. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307
17. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
18. NOT USED
19. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
20. FOR FOOTING USING TRENCH FOR FORMING: WIDTH SHALL BE INCREASED 2" EACH SIDE.

ADJACENT BUILDINGS:
ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

SPECIFICATIONS
RELOCATABLE CLASSROOMS

1.01 GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY. ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAMED PRODUCTS.

1.02 SCOPE OF WORK:

1. THE WORK CONSIST OF INSTALLING ON-SITE, MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS.
2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE OF REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an Inspector approved by DSA (Division of the State Architect) and the District Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as many be required by DSA. Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. ALL ON-SITE OR UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS.
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STROPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, CLOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM. TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

1.04 ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

2.01 SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE DISTRICT ARCHITECT.
2. ASSEMBLY OF ELEMENTS:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assemble and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.
UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAT 9" FROM LEVEL GRADE OR HAVE LESS THAN A 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUR CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS ETC., ADDITIONAL COSTS WILL BE CHARGE TO THE LESSEE.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. Soils Testing and Inspection: Geotechnical Verified Report - Form DSA 293
3. All Structural Testing: Laboratory Verified Report -Form DSA 291
4. Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA 292
5. Field Welding Inspection: Special Inspection Verified Report - Form DSA - 292.
6. No other tests and inspections are required.

Soil test and inspections are only applicable if there is Geotechnical Report

STOCKPILE CLASSROOM RELOCATION - BASIC BELOW GRADE FOUNDATION PLANS, ABOVE GRADE FOUNDATION PLANS

MULTIPLE BUILDINGS MAY BE PLACED TOGETHER FOR DISTRICT SITE REQUIREMENTS.

ADDITIONAL VENTILATION - ACCESS MUST BE PROVIDED FOR THE OVERALL BUILDING PLAN:

APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2016 CBC

2016 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2017*
-2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, Title 24, C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA BUILDING CODE (CBC), PART 2, Title 24 C.C.R.
(2015 International Building Code Volume 1-2 and 2016 California Amendments)

-2016 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, C.C.R.
(2014 NATIONAL ELECTRICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, C.C.R.
(2015 UNIFORM MECHANICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, C.C.R.
(2015 UNIFORM PLUMBING CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, C.C.R.*

-2016 CALIFORNIA FIRE CODE PARTS 9, TITLE 24, C.C.R.
(2015 INTERNATIONAL FIRE CODE WITH 2016 CALIFORNIA AMENDMENTS)

-2016 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, C.C.R.

TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.
2013 ASME A17.1 Safety Code for Elevators and Escalators.

GENERAL NOTES:

-ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

-CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE B AN ADDENDUM OR A CONSTRUCITON CHANGED DOCUMENT (CCD) APPROVED BY TGE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

-A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 2, CCR.

-A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), R A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317 (c). PART 1, TITLE 24, CCR).

-GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WIT ALL LOCAL ORDINANCES.

THE BUILDING SHALL BE SET ON 3000 PSI CONCRETE PADS , DESIGNED FOR A MAXIMUM OF 1500 PSF LOAD ON THE SOIL WITH A MINIMUM 12 INCH PENETRATION INTO EARTH PER THE DSA APPROVED PC DRAWINGS. THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL PER THE APPROVED PC DRAWINGS.
BELOW GRADE FOUNDATION REQUIRES 18" CLEARANCE UNDER BUILDING FROM THE BOTTOM OF THE PURLINS TO THE TOP OF FINISH PAD OR TOP OF RODENT BARRIER. THE FOOTING DESIGN SHALL PROVIDE SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN THE TOLERANCE ALLOWED BY CODE AND/OR DSA.
THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. ALL RIGGING AND CRANING ARE NOT INCLUDED IN THIS SECTION. THE DISTRICT SHALL PROVIDE STAKED CORNERS AND A BENCHMARK PER THE ARCHITECT'S PLANS. THE DISTRICT SHALL BE RESPONSIBLE FOR ANY OVER EXCAVATION AND COMPACTION OF THE BUILDING PAD. THE DISTRICT SHALL PROVIDE THE CONTRACTOR AND/OR CLASS LEASING AND EXCAVATED CLEAR 22'x50' PAD LEVEL WITHIN +/-.1' OVER THE DIAGONAL MEASUREMENT OF THE PAD. THE DISTRICT IS RESPONSIBLE FOR ALL SOILS/SPOILS REMOVAL, HAUL OFF, BACKFILL AND RE-COMPACTION.

FOUNDATION PLAN CAN BE EXPANDED TO ACCOMMODATE VARIOUS BLDGS AS A COMMON FOUNDATION FOLLOWING:
FOUNDATION AT BUILDING SEPARATION DETAIL SEE SHEETS:
C-2.0, C-3.0, C-4.0, C-5.0 AND C-6.0.
VENTING REQUIREMENTS FOR BLDGS ON COMMON FOUNDATION MUST BE PROVIDED & SHOWN IN (AOR) ARCHITECTURAL/CIVIL PLANS.

CONTRACTOR IS RESPONSIBLE FOR THE OVERALL CONCRETE FOUNDATION DIMENSIONS AND ACCURATE PLACEMENT OF WELD PLATES.

STOCKPILE CLASSROOM NOTES

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
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CLASS LEASING LLC
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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
JAMES T. SIMPSON
No.3602
STRUCTURAL
STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE:
NOTES

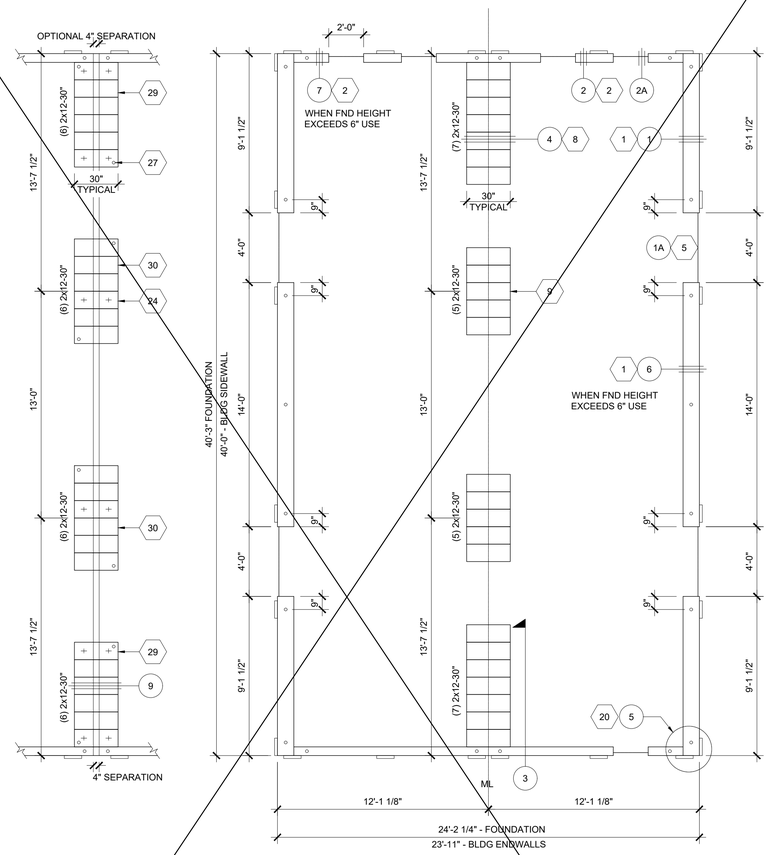
DATE:
02-25-2019

DRAWN BY:
Bernnie P.

SCALE:
AS SHOWN

JOB:
-

C-1.1-4



FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

☐ TYPICAL 24x40 FOUNDATION PLAN 50 + 20 PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH.
PREFORMED L-SIZE REQUIRED WITH 3" RETURN

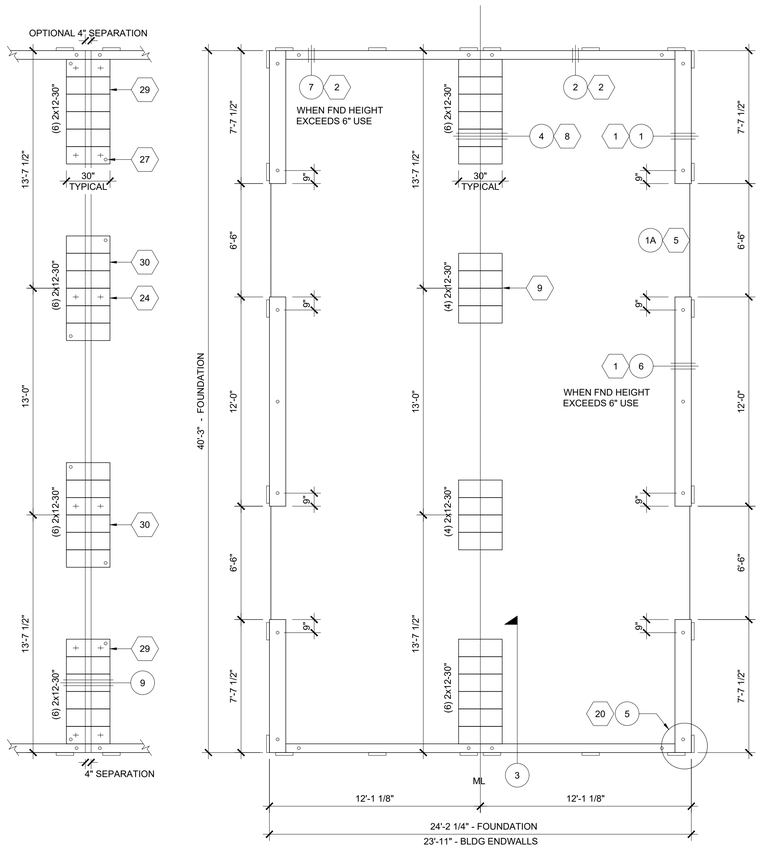
BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 48" SIDE VENT = 1.00 S.F.
3" x 24" END VENT = .5 S.F.

PROVIDE:
4 - 3" x 48" SIDE WALL VENTS = 4.0 S.F.
5 - 3" x 24" END WALL VENTS = 2.5 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS



FOUNDATION PADS AT ADJACENT BUILDINGS

SCALE: 1/4" = 1' - 0"

☒ TYPICAL 24x40 FOUNDATION PLAN 50 - PSF

SCALE: 1/4" = 1' - 0"

SEE SHEET F-7.0 FOR DETAILS

TYPICAL VENT: 1/4" CORROSION RESITANT MESH.
PREFORMED L-SIZE REQUIRED WITH 3" RETURN

BUILDING VENTILATION:
AREA: 960 S.F. / 150 = 6.4 S.F. RQD
3" x 6'-6" SIDE VENT = 1.63 S.F.

PROVIDE:
4 - 3" x 6'-6" SIDE WALL VENTS = 6.52 S.F.

TIE PLATES

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(24)

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT
BUILDING APPLICATIONS
MIN. 18" FROM MODLINES
MIN 18" FROM BLDG. CORNER
MIN 12" BLOCKING BETWEEN VENTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
1	
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3	
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6	

CLASS LEASING LLC
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

ENGINEER

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No.3602 STRUCTURAL STATE OF CALIFORNIA

Date Signed: February 26, 2019

AOR

SHEET TITLE:
24x40 - 50 PSF AND/OR 50 + 20
RELOCATION
FOUNDATION PLAN

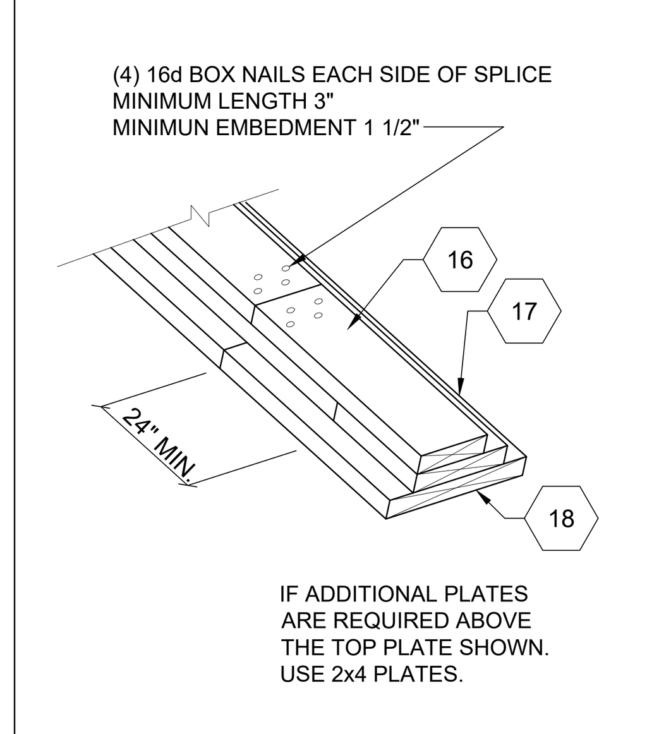
DATE: 02-25-2019

DRAWN BY: Bernnie P.

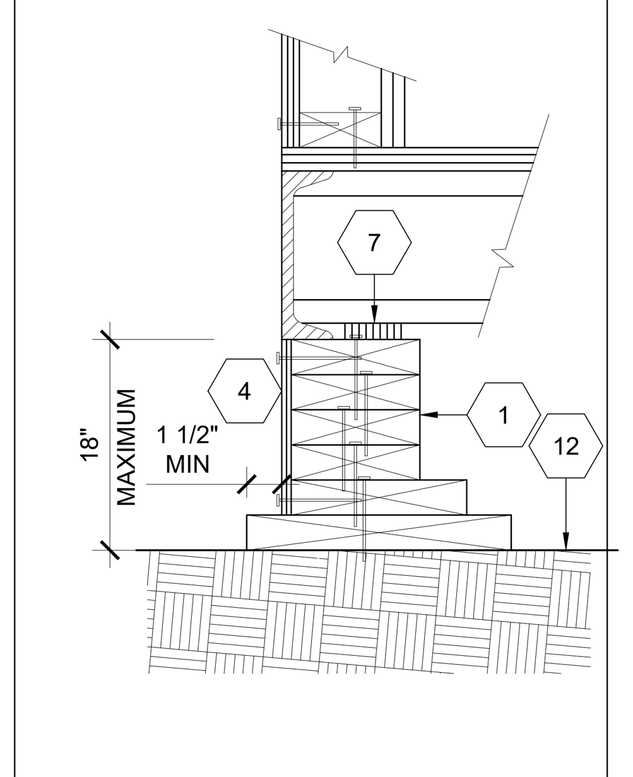
SCALE: AS SHOWN

JOB: 24x40 - 50 PSF

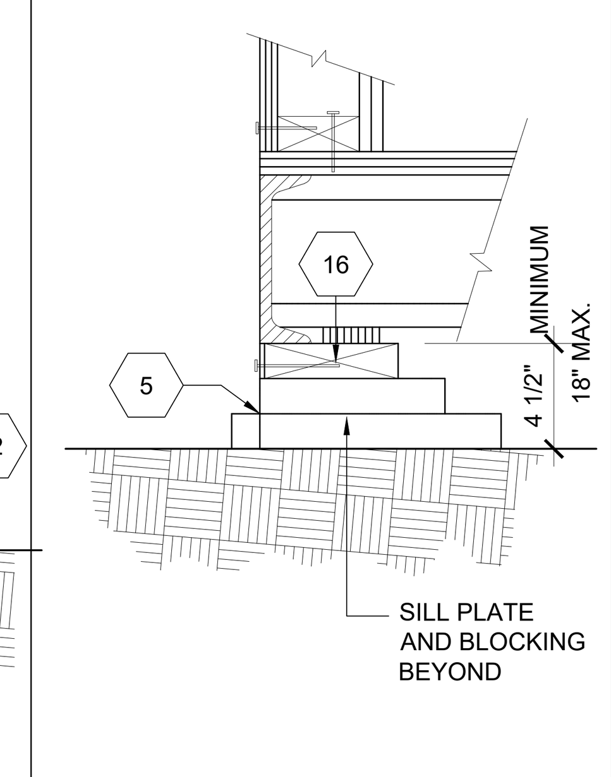
F-1.0-4



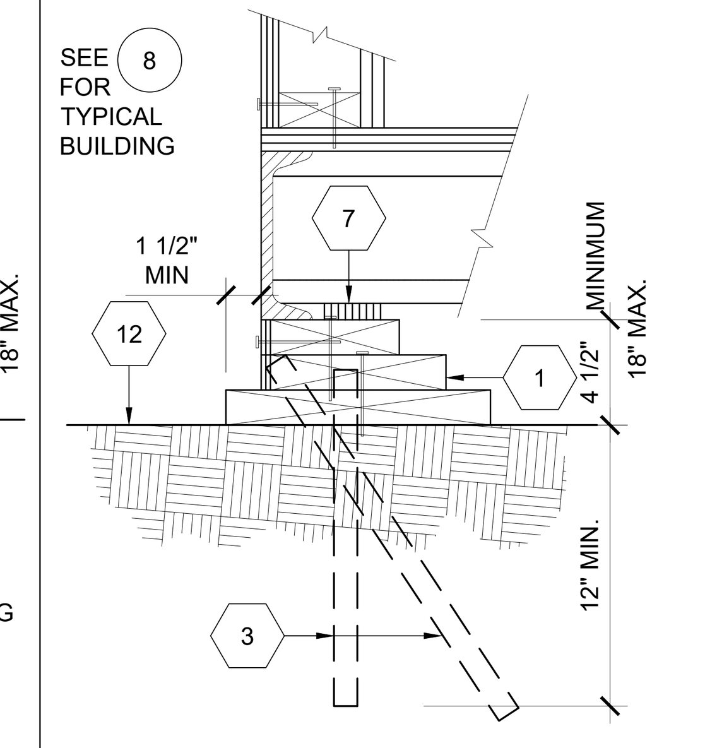
11 FOUNDATION SPLICE
SCALE: 1/2" = 1' - 0"



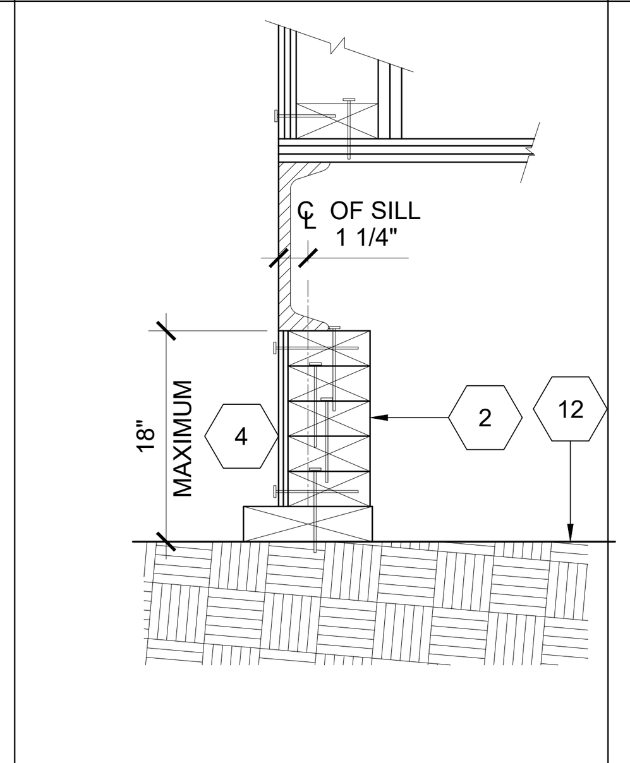
6 SIDE WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



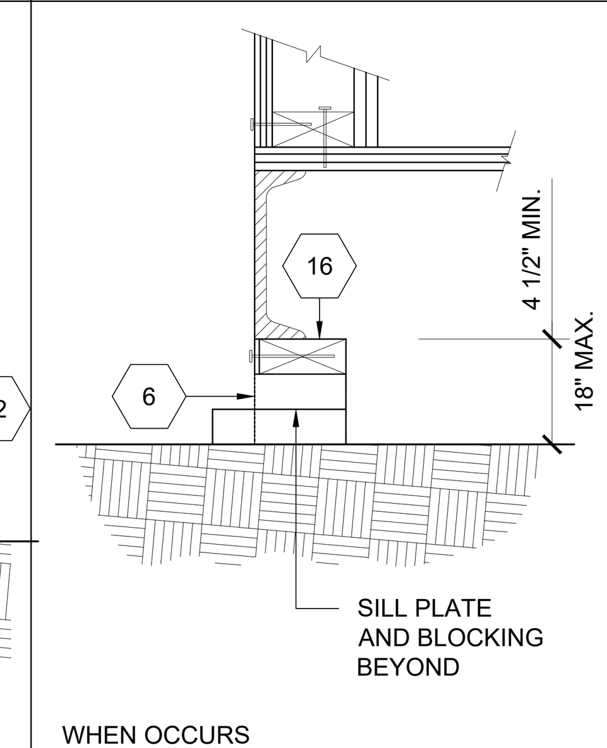
1A VENT AT SIDE WALL
SCALE: 1/2" = 1' - 0"



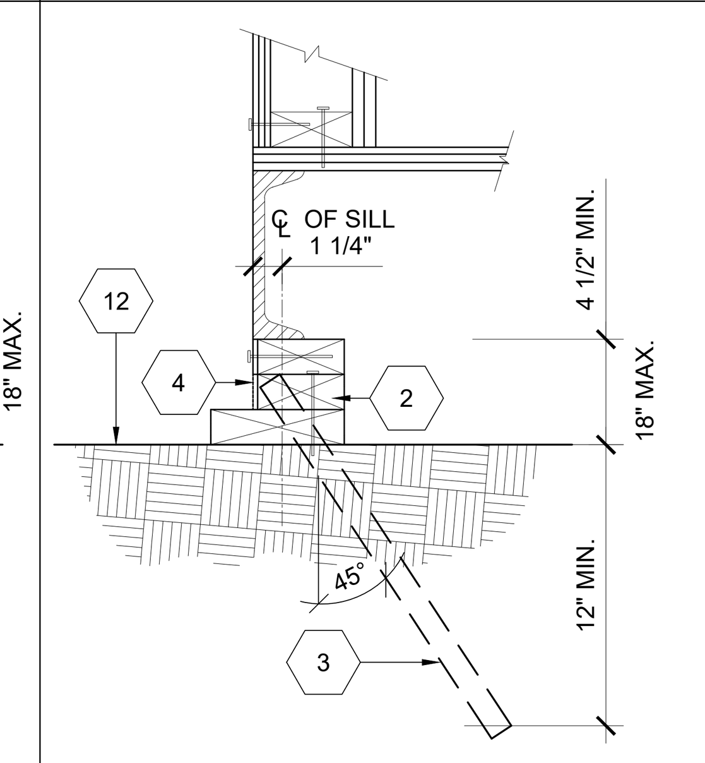
1 SIDE WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



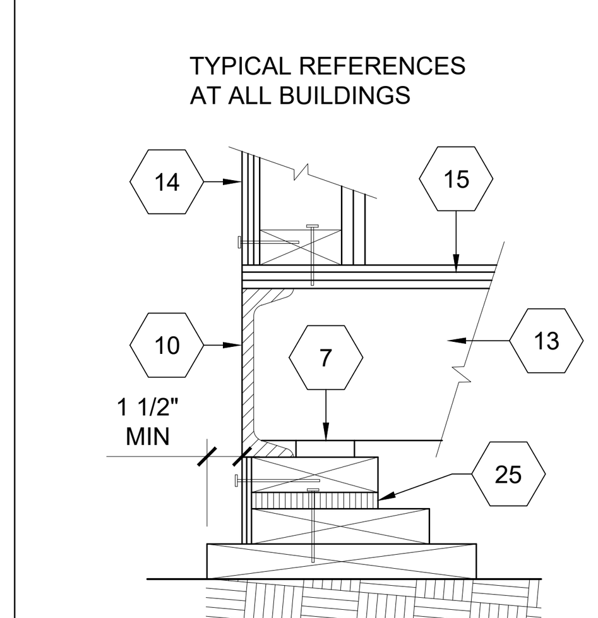
7 END WALL ADDITIONAL BLOCKING
SCALE: 1/2" = 1' - 0"



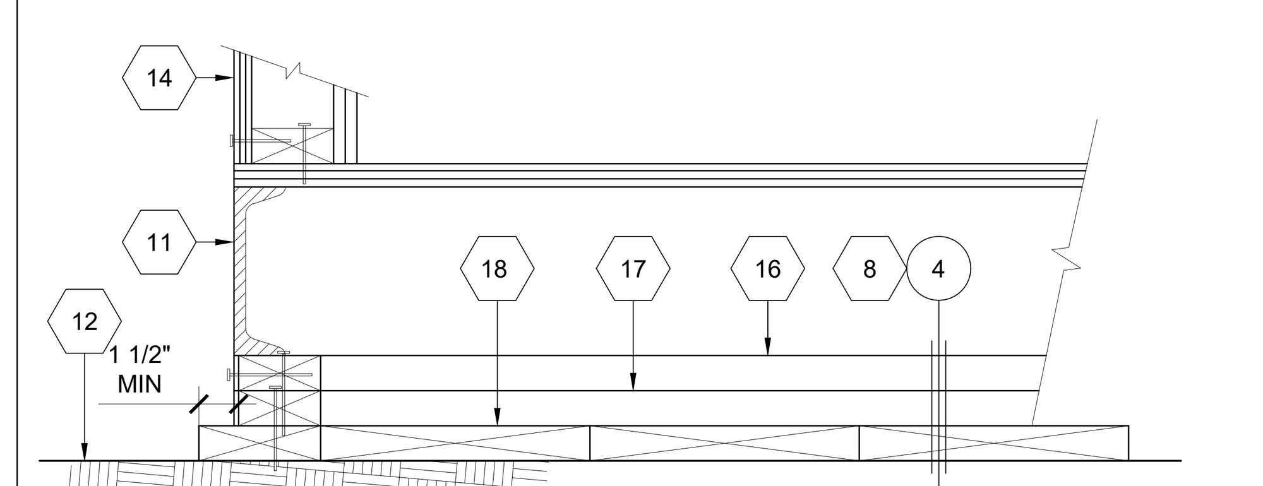
2A VENT AT END WALL
SCALE: 1/2" = 1' - 0"



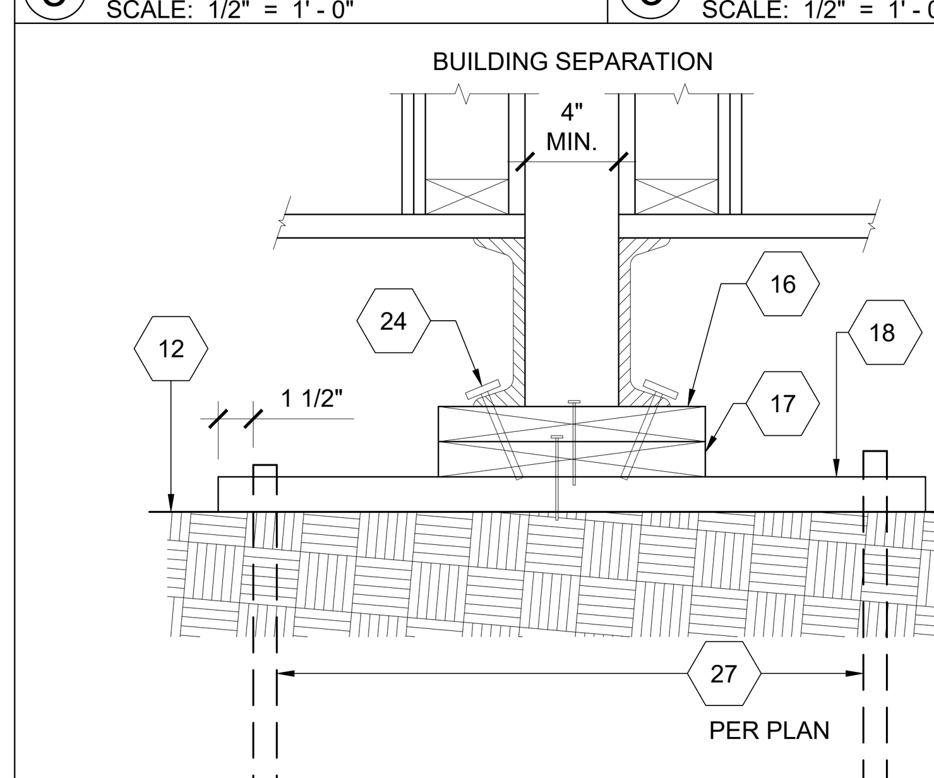
2 END WALL FOUNDATION
SCALE: 1/2" = 1' - 0"



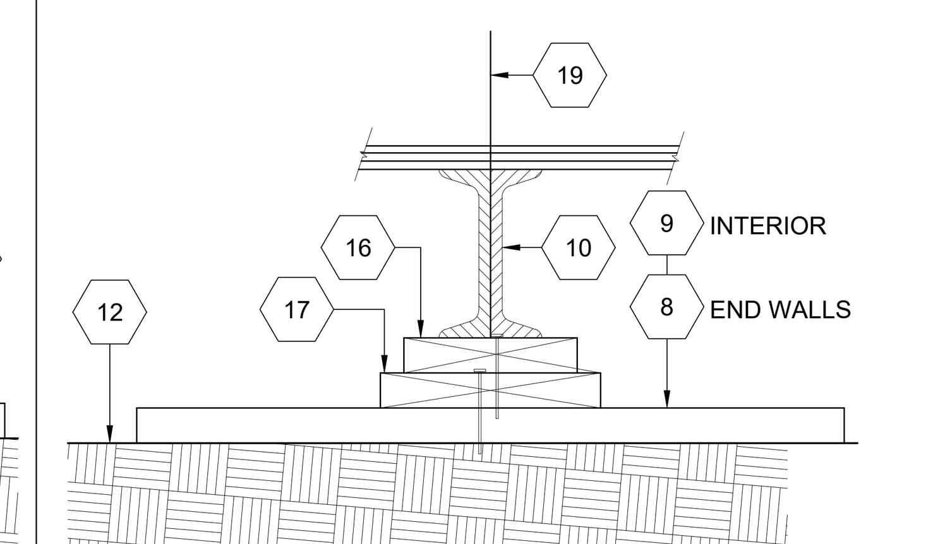
8 LEVELING SHIM WHEN REQUIRED
SCALE: 1/2" = 1' - 0"



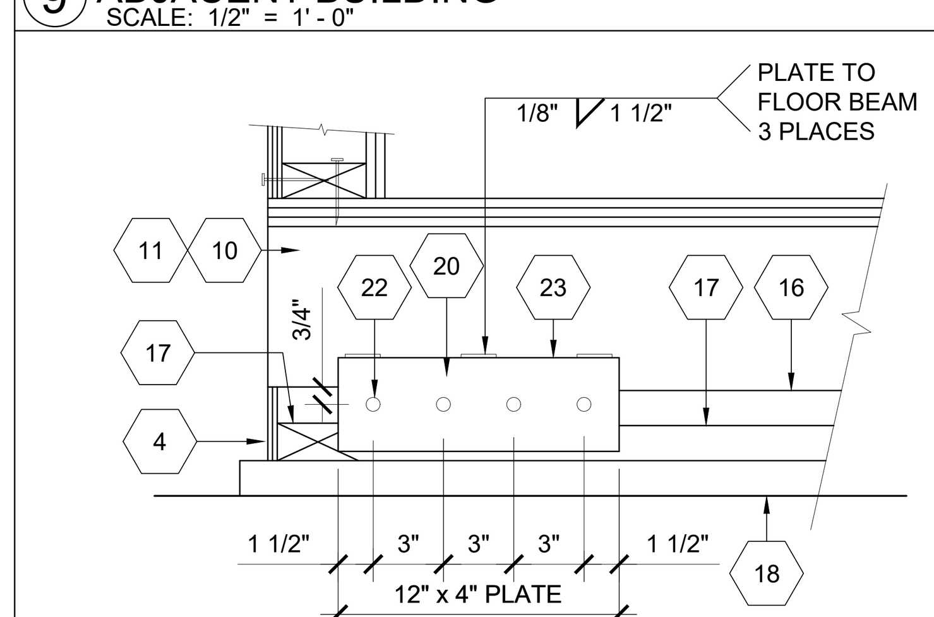
3 SECTION FND AT MODULE LINE
SCALE: 1/2" = 1' - 0"



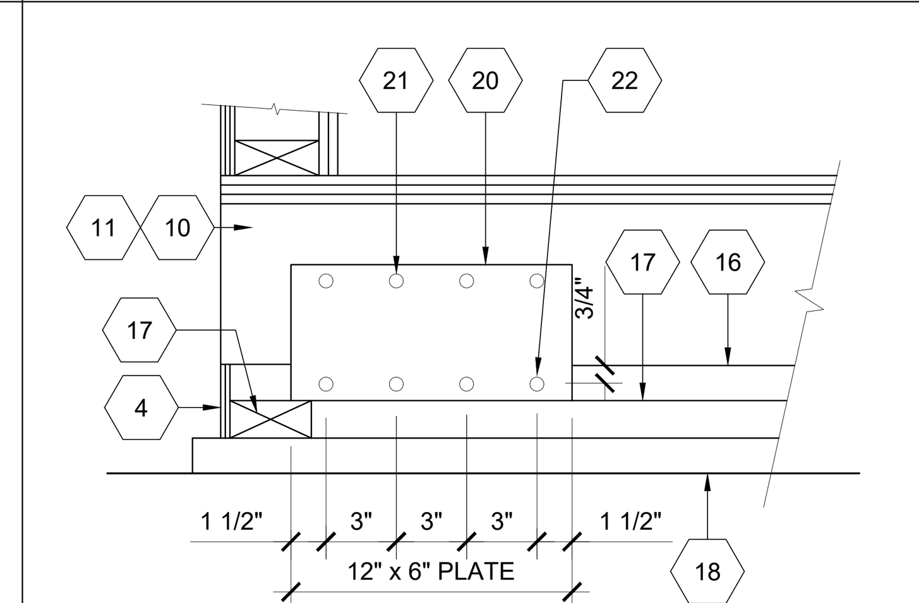
9 ADJACENT BUILDING
SCALE: 1/2" = 1' - 0"



4 MODULE LINE
SCALE: 1/2" = 1' - 0"



10 WELDED TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"



FOUNDATION TIE PLATE ALTERNATIVE OPTION SEE DETAIL 10

5 FOUNDATION TIE PLATE-OPTION
SCALE: 1/2" = 1' - 0"

KEY NOTES 24 x 40 - 50PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE**: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A

FOUNDATION AT END WALL

2 **TOP PLATE**: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT - PIPE TO GRADE (TYP) SEE GENERAL NOTE #A.

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END

WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" O.C.

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG, INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" x 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

10 FLOOR BEAM: C7 x 9.8 TYPICAL

11 FLOOR HEADER: C7 x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x 10 GA

21 PLATE ANCHOR: 4-1/4" Ø S.M.S

22 PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT) INTO THE WOOD

23 TIE PLATE: 12" x 4" x 10 GA

24 BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING
(FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4"
PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER
OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING.
PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE**: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

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APP. 04-119801 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1,.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAT 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY, 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. **A WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE, GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED TO BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED B THE INSPECTOR.

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A Separate project application for construction is required.

REVISIONS	BY
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CLASS LEASING LLC
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VOICE (951)943-1908 FAX (951)943-5768

IDENTIFICATION STAMP
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APP. 04-117924 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2019

ENGINEER

Date Signed: February 26, 2019

AOR

SHEET TITLE:
DETAILS & NOTES

DATE: 02-25-2019

DRAWN BY: Bernnie P.

SCALE: AS SHOWN

JOB:

F-7.0-4

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 1 1/2" = 1'-0"
Notes

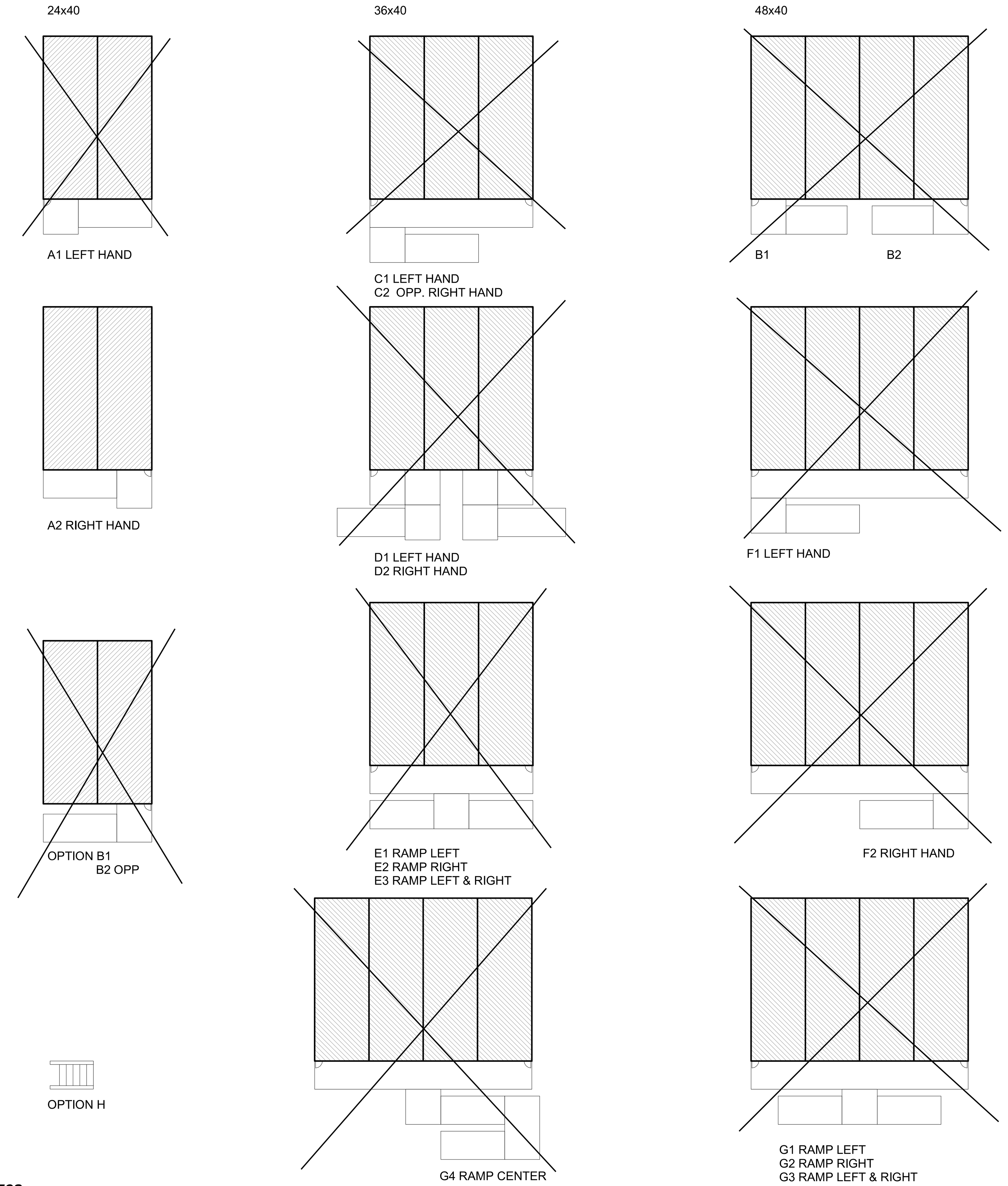
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



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APP. 04-119801 INC:
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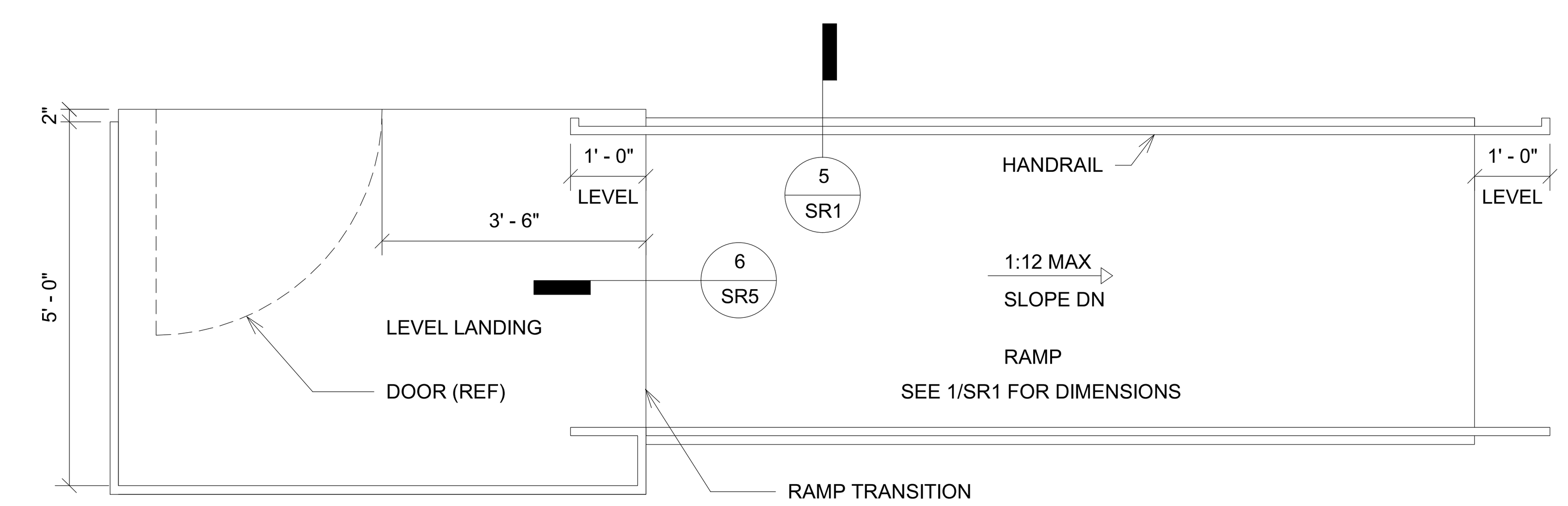
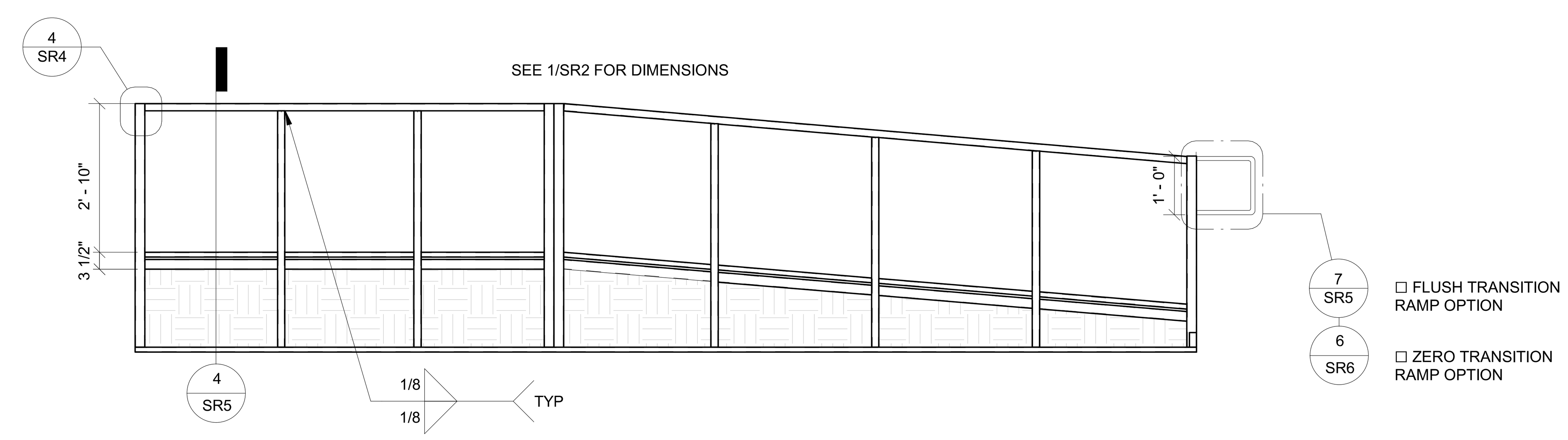
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

2 Ramps Options w/ Different Building Sizes





3 1/2" = 1'-0"
Standard Ramp

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRISCH
No. S3380
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

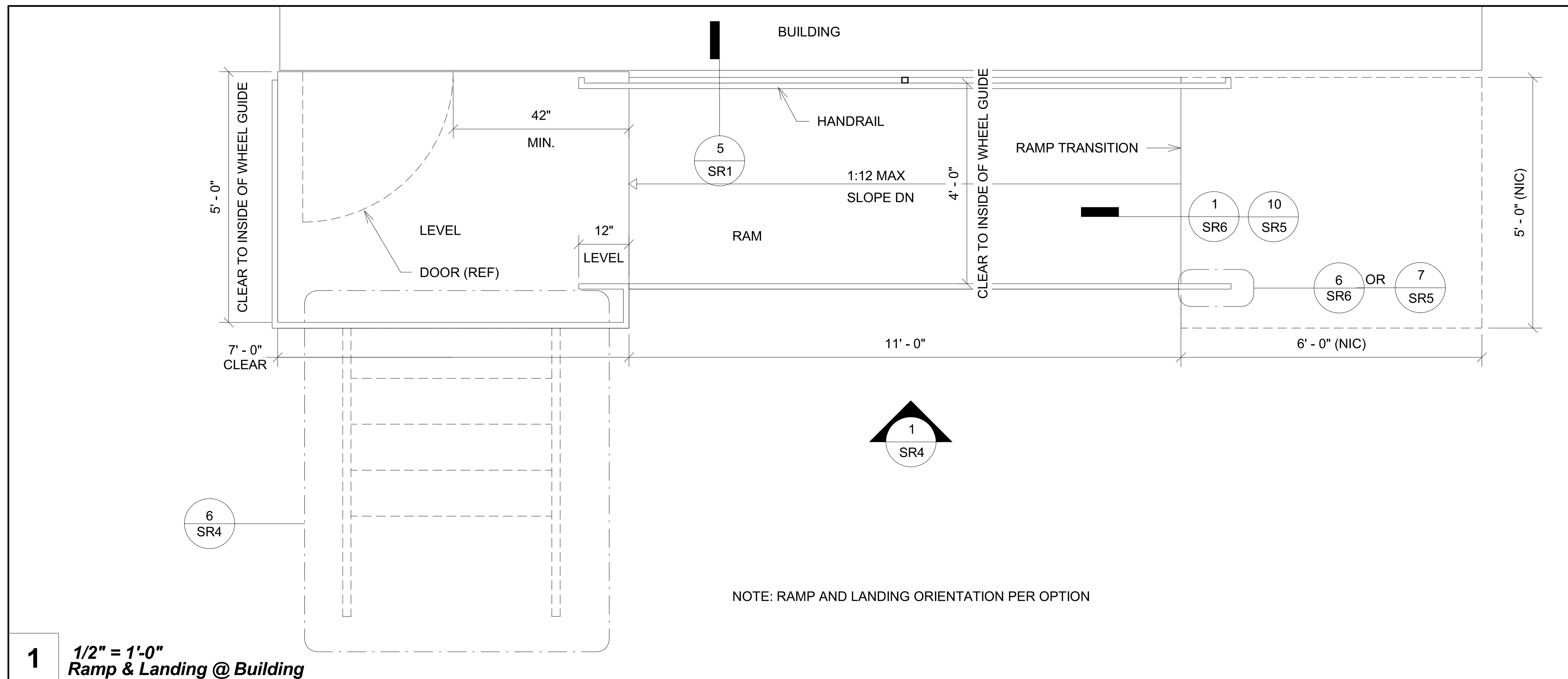
SHEET TITLE
Module Plan and Notes

PROJECT NUMBER	17016A
DRAWN BY	SM
CHECKED BY	rMc
DATE	05/04/2017
SHEET NO.	SR0-4

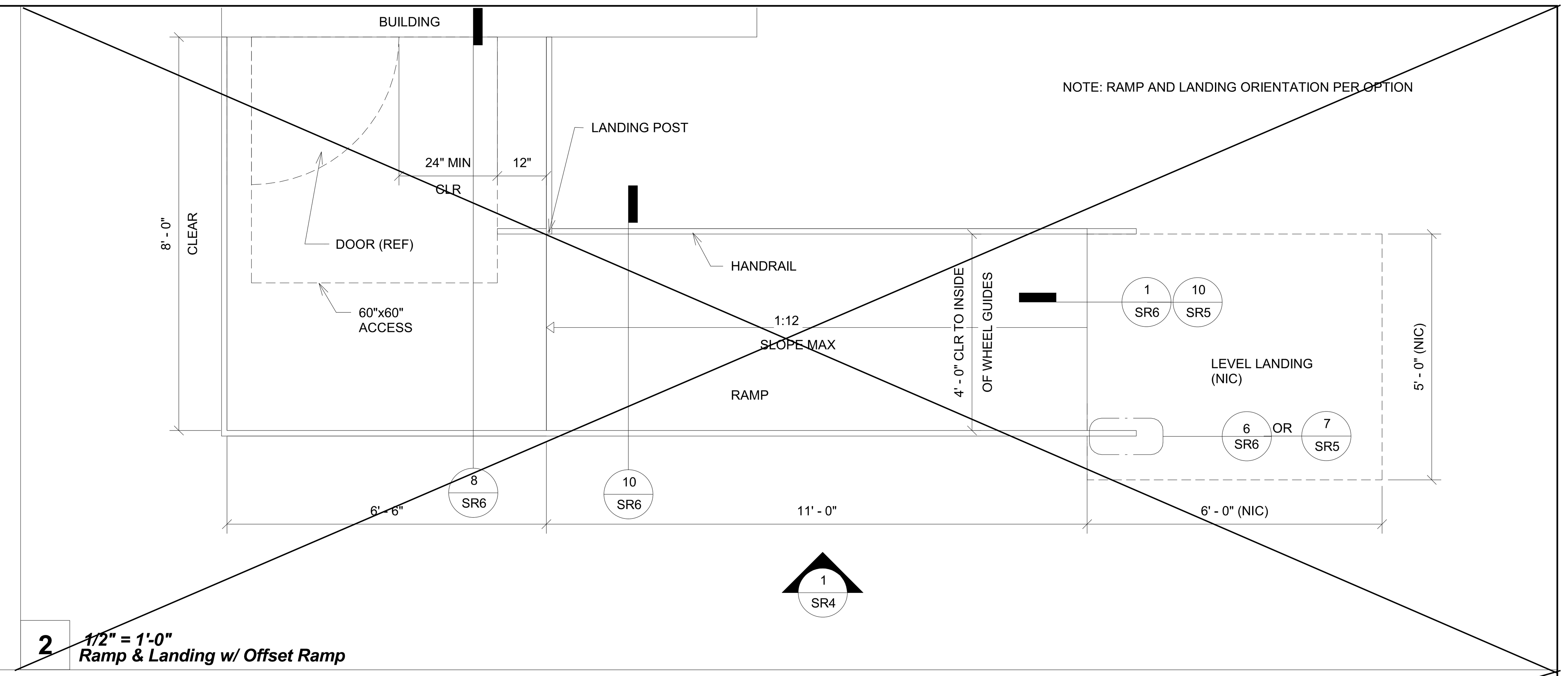
SHEET OF

LICENSED ARCHITECT
JIMMIE SANDERS
CALIFORNIA

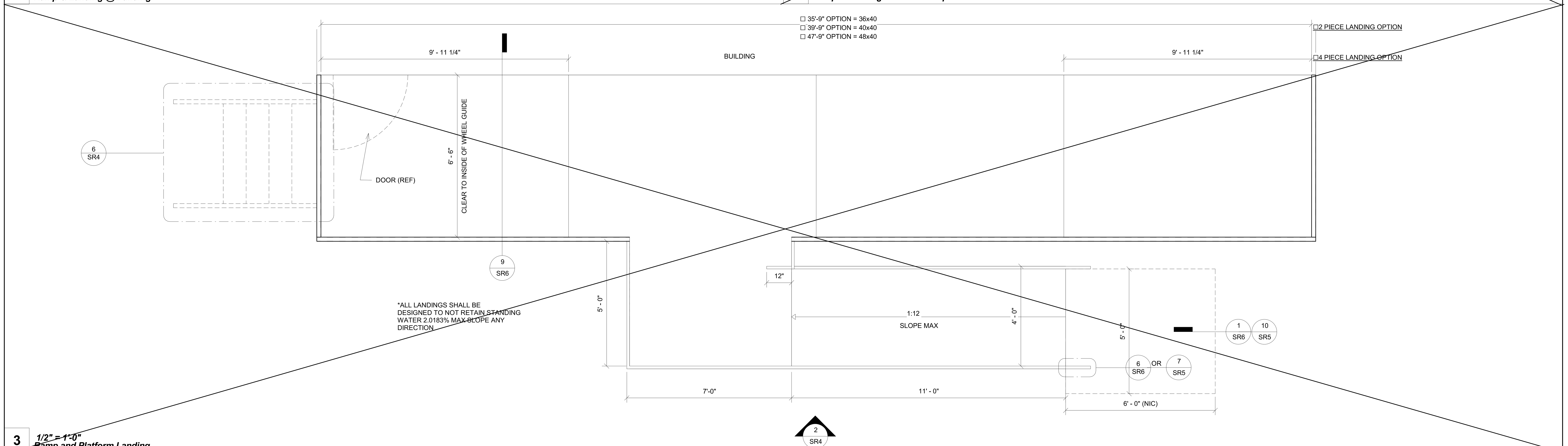
12/18/2017 5:45:01 PM C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt



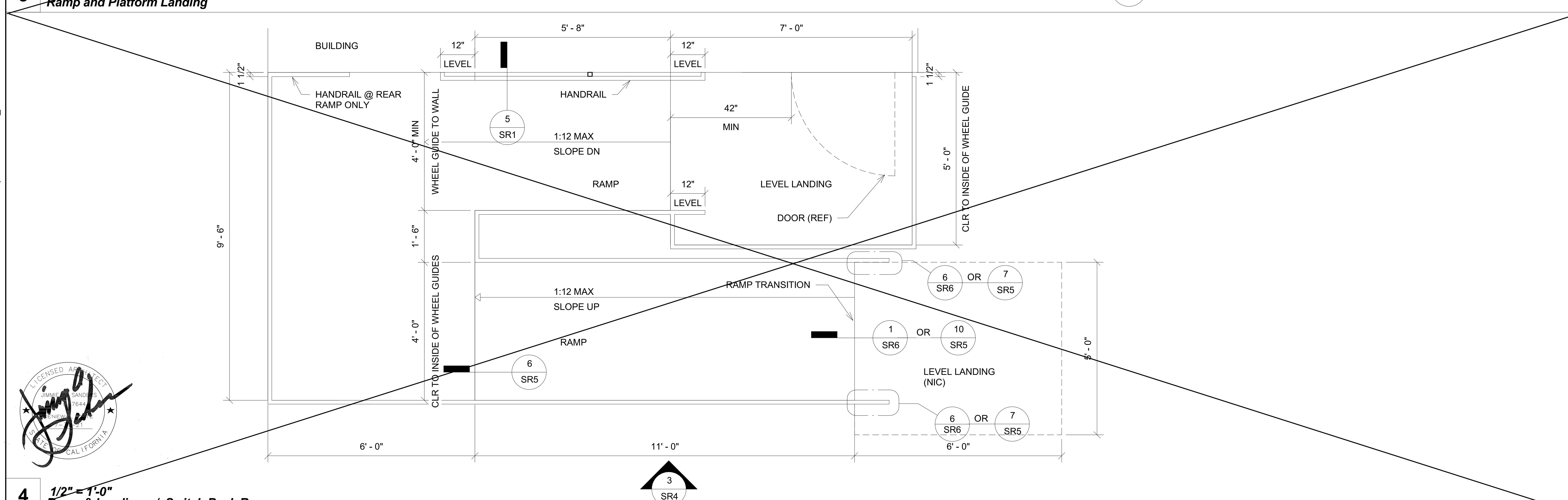
1 *1/2" = 1'-0"*
Ramp & Landing @ Building



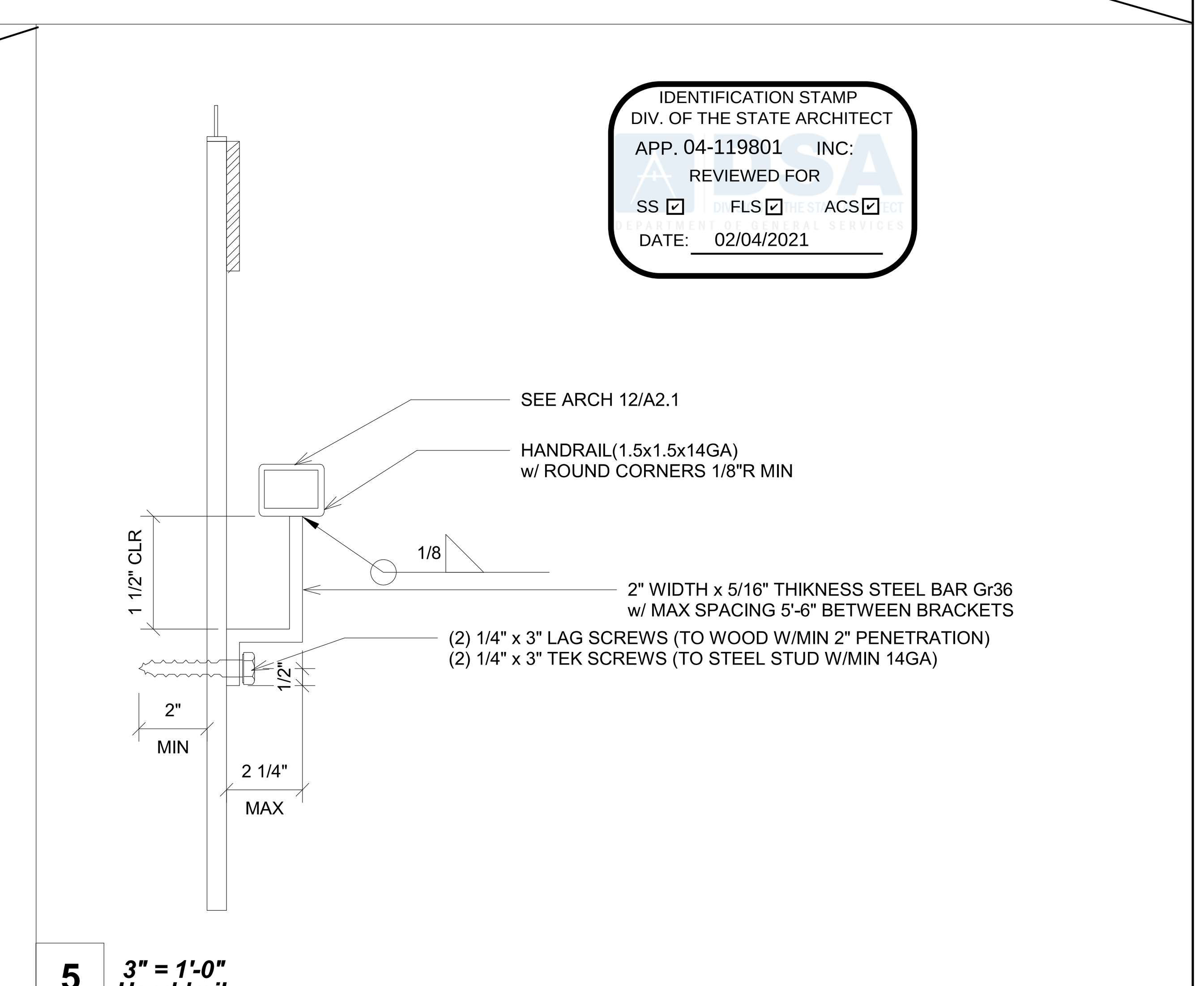
2 *1/2" = 1'-0"*
Ramp & Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp and Platform Landing



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp



5 *3" = 1'-0"*
Handdrail

12/18/2017 5:45:01 PM C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt

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R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRAZIER
S 2380
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Plan

PROJECT NUMBER

17016A

DRAWN BY

SM

CHECKED BY

rMc

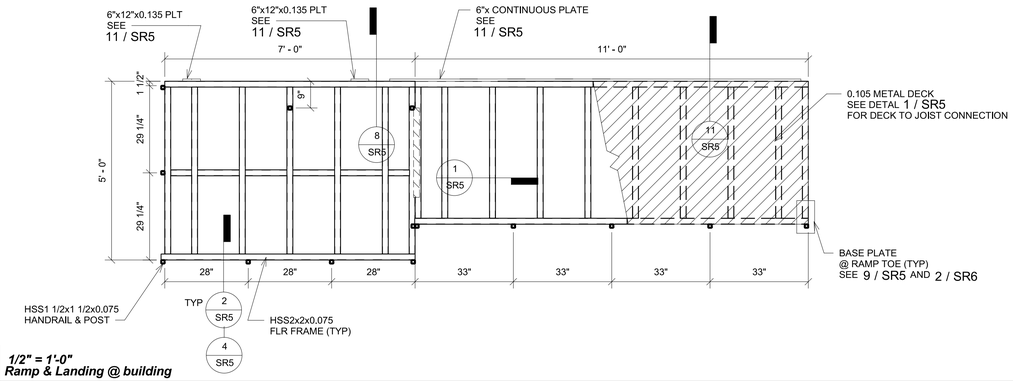
DATE

05/04/2017

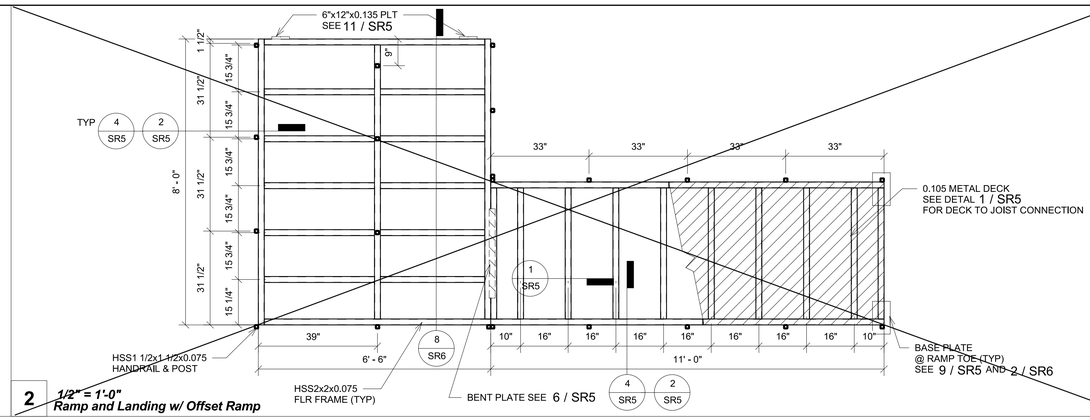
SHEET NO.

SR1-4

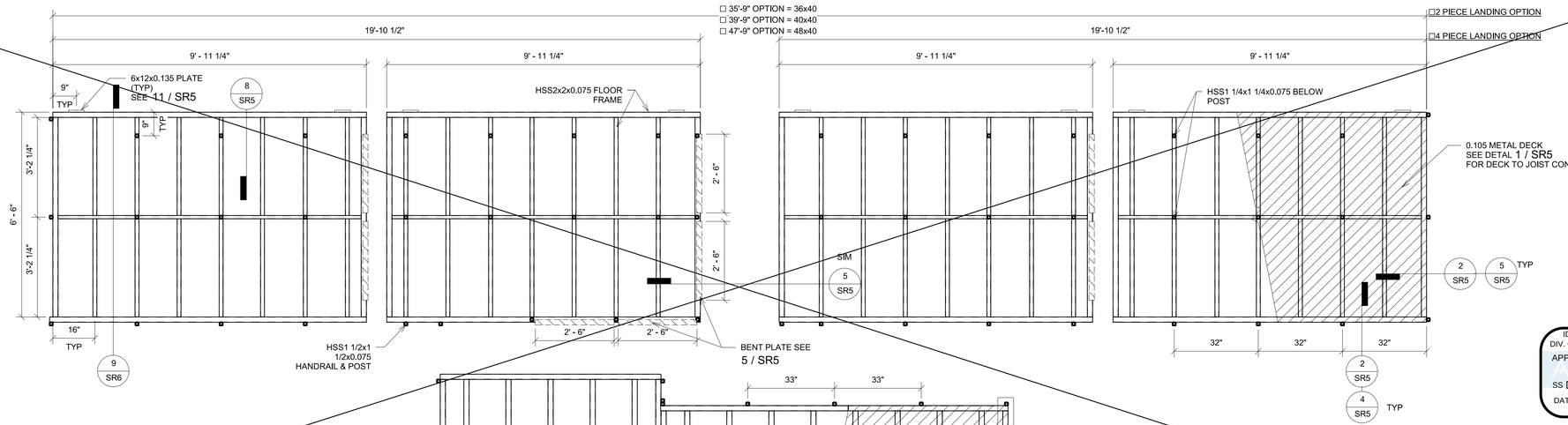
SHEET OF



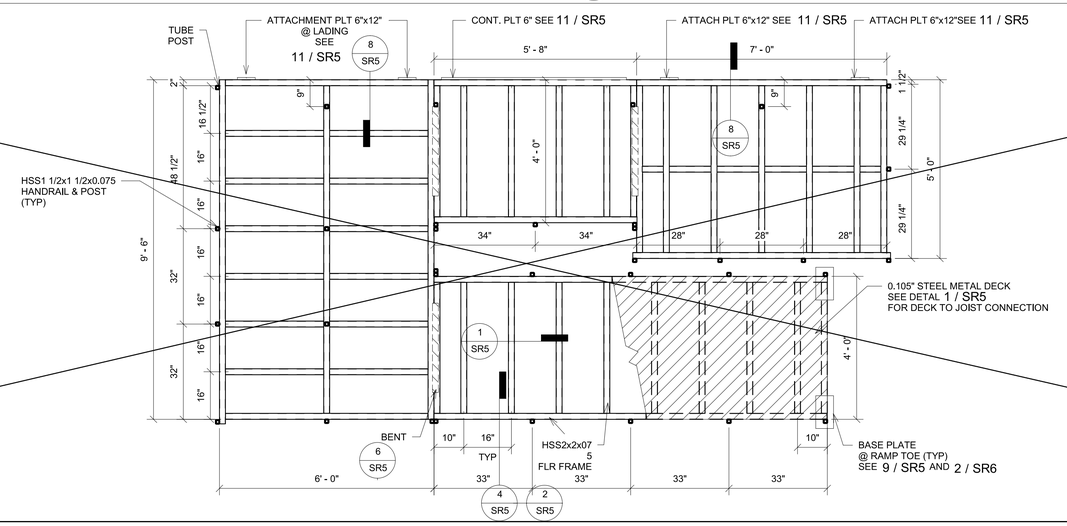
1 **1/2" = 1'-0"**
Ramp & Landing @ building



2 **1/2" = 1'-0"**
Ramp and Landing w/ Offset Ramp



3 **1/2" = 1'-0"**
Ramp & Platform Landing Frame



4 **1/2" = 1'-0"**
Ramp & Landing w/ Switch Back Ramp

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DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCE C-42380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Framing

PROJECT NUMBER
17016A

DRAWN BY
SM

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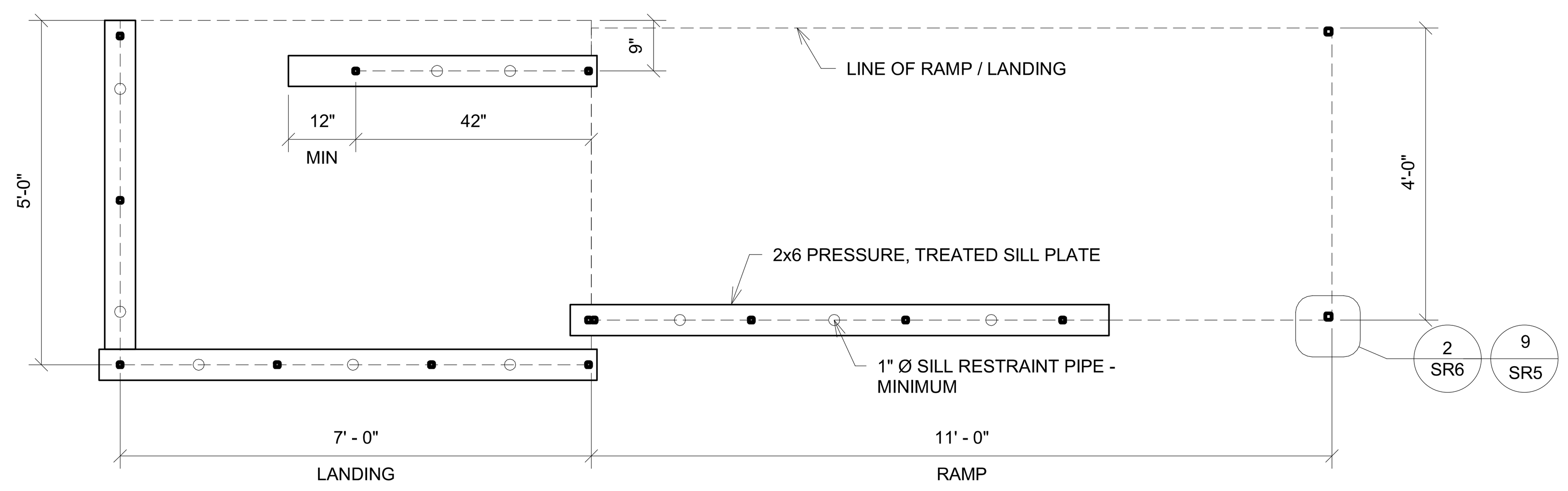
BR/rMc

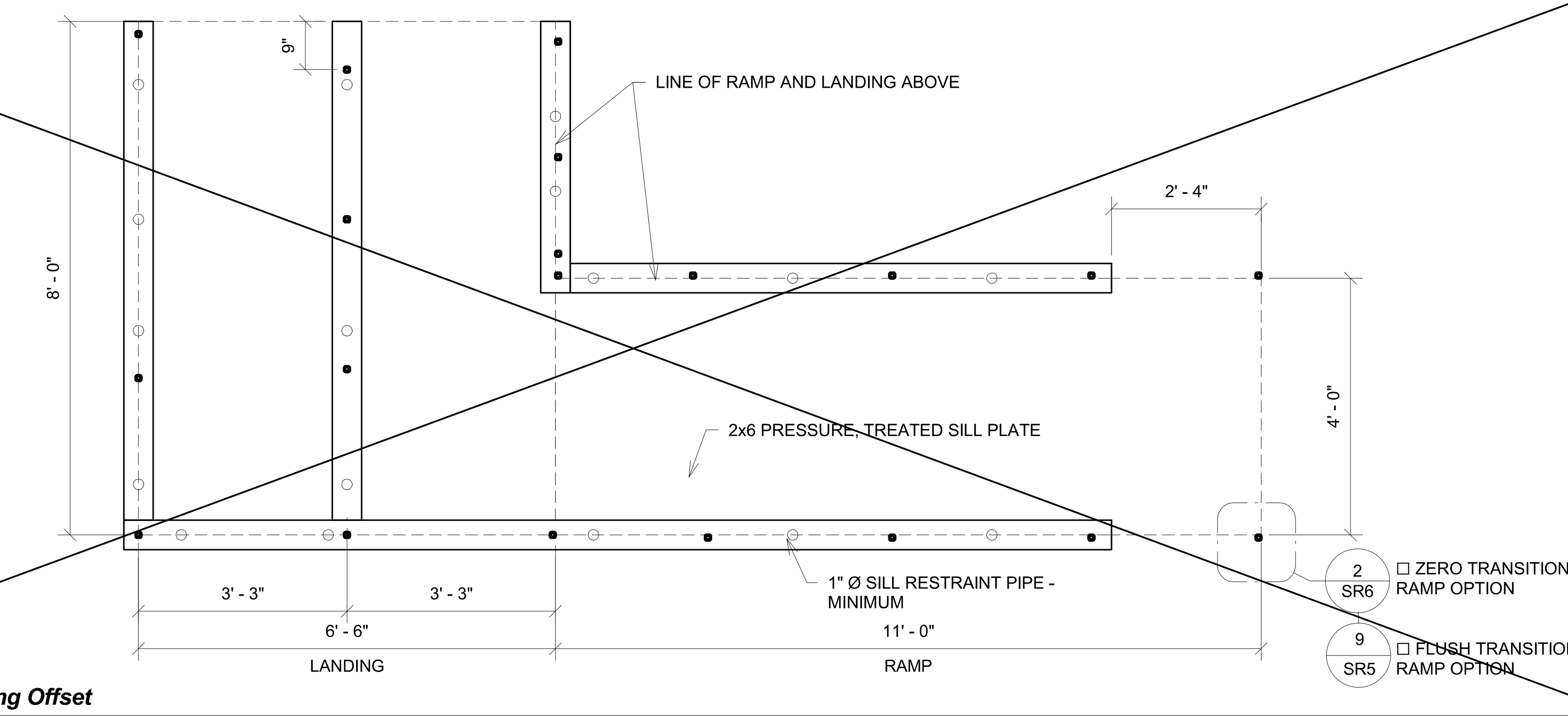
DATE
05/04/2017

SHEET NO.
SR2-4

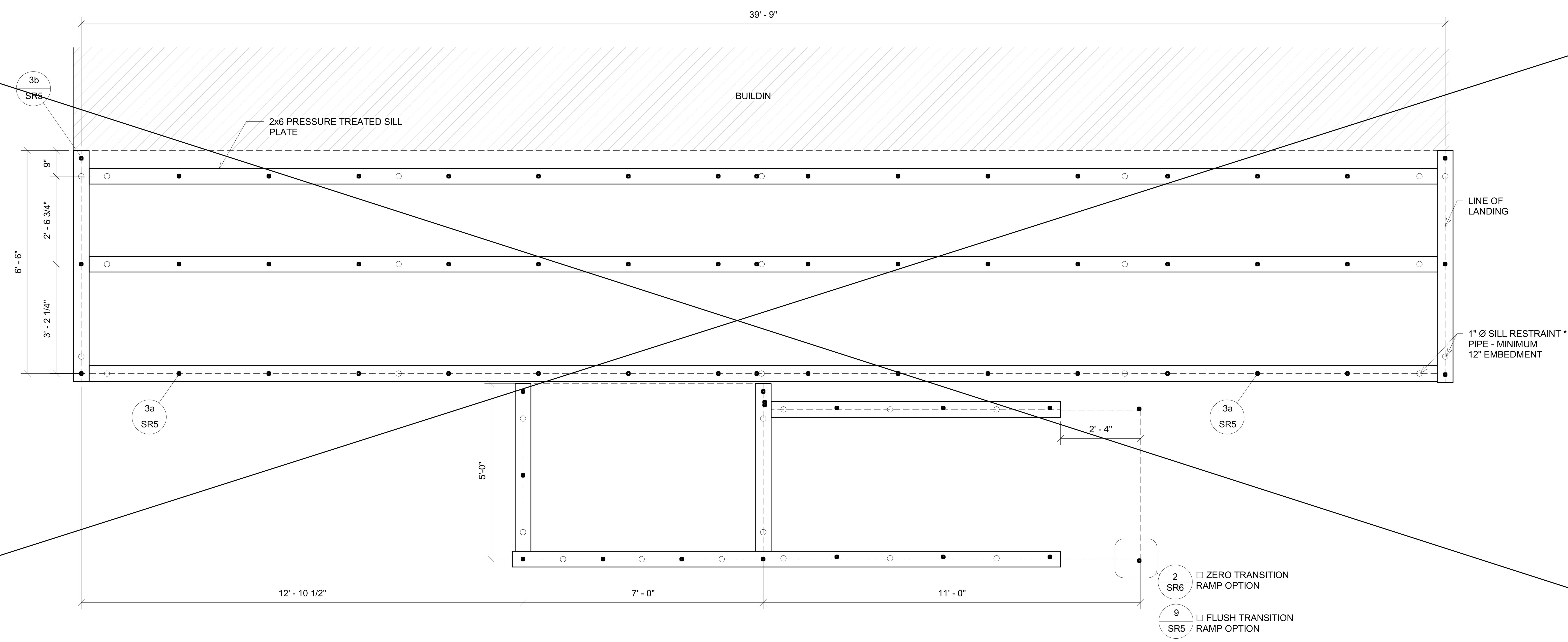
SHEET OF



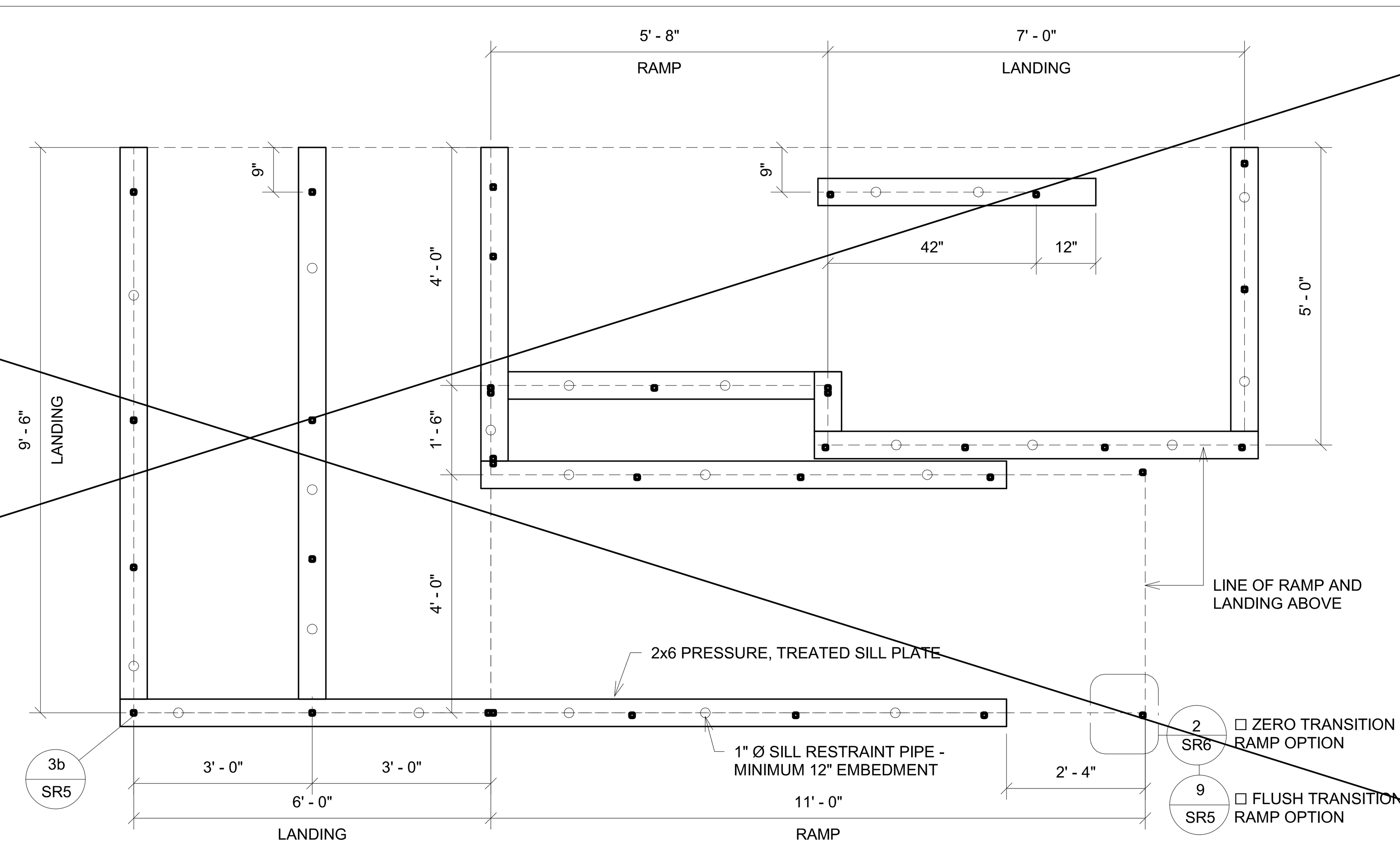
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

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DATE: 02/04/2021

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SAN DIEGO, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

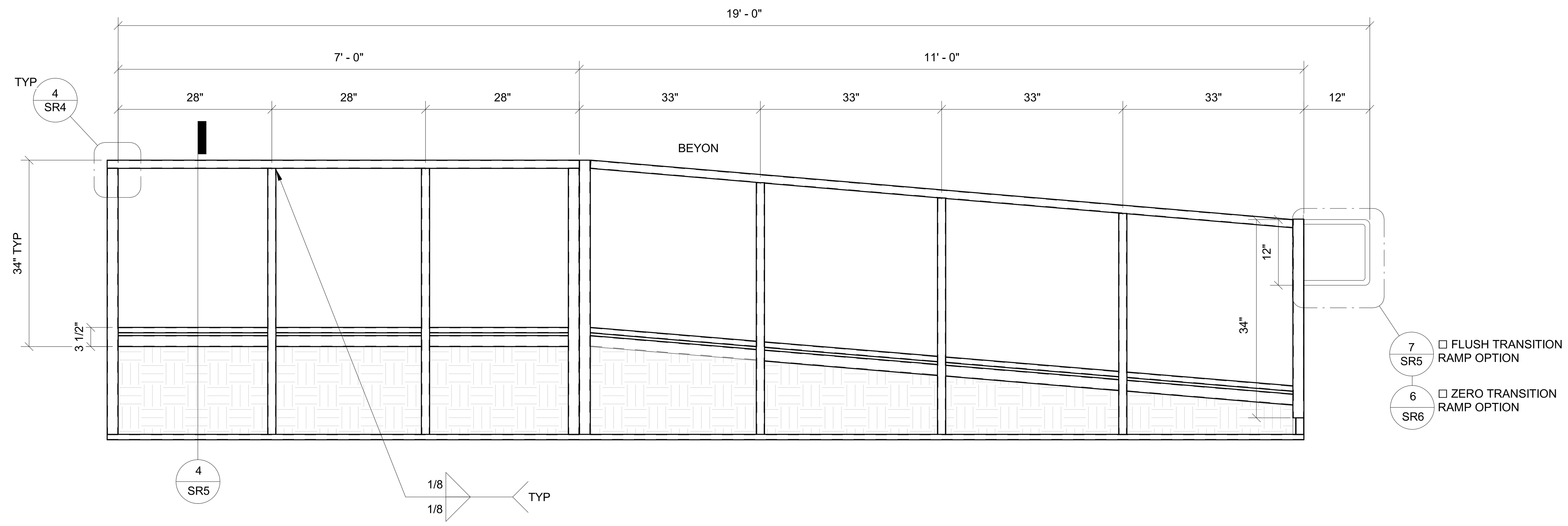
CHECKED BY
rMc

DATE
05/04/2017

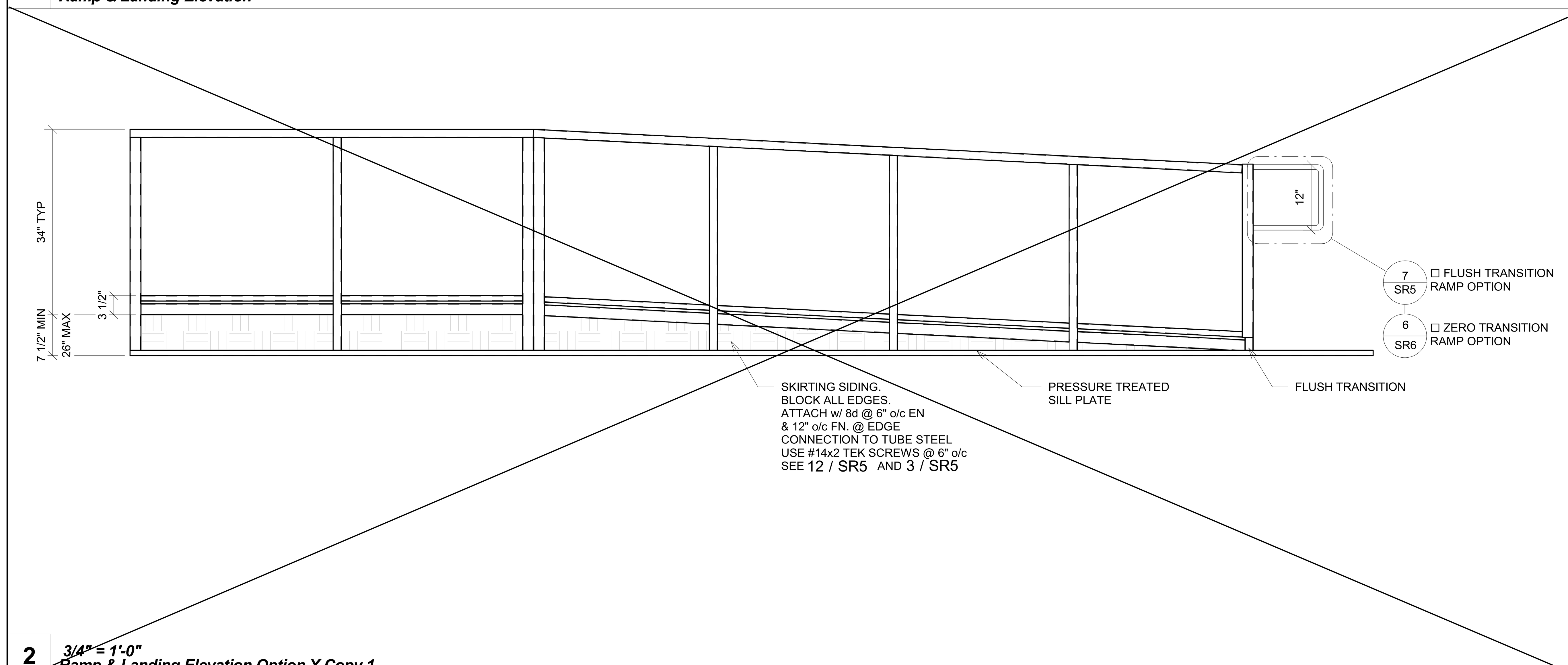
SHEET NO.
SR3-4

SHEET OF

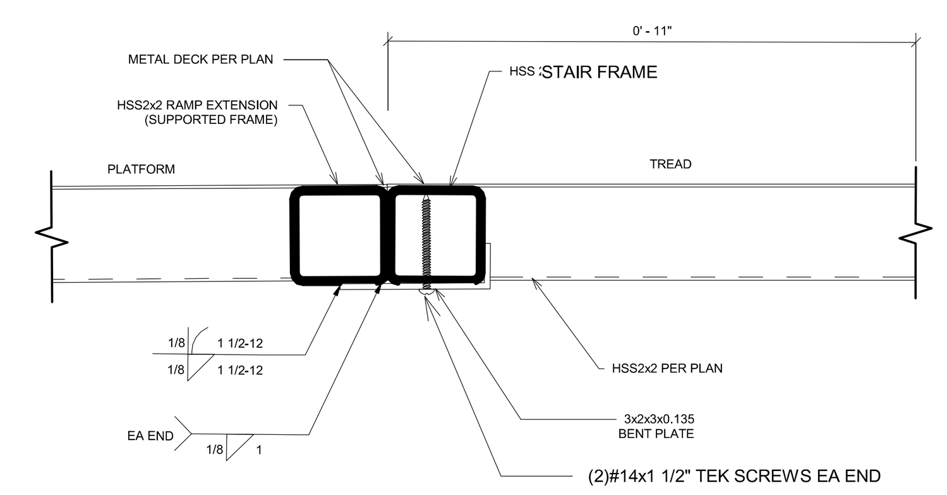
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



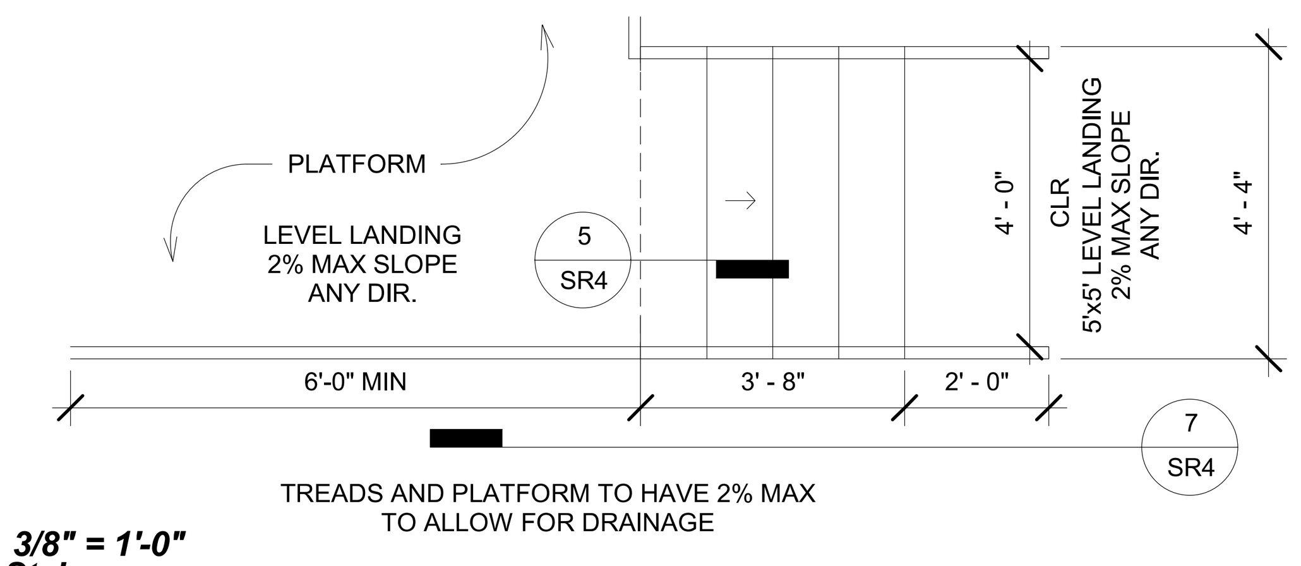
1 *3/4" = 1'-0"*
Ramp & Landing Elevation



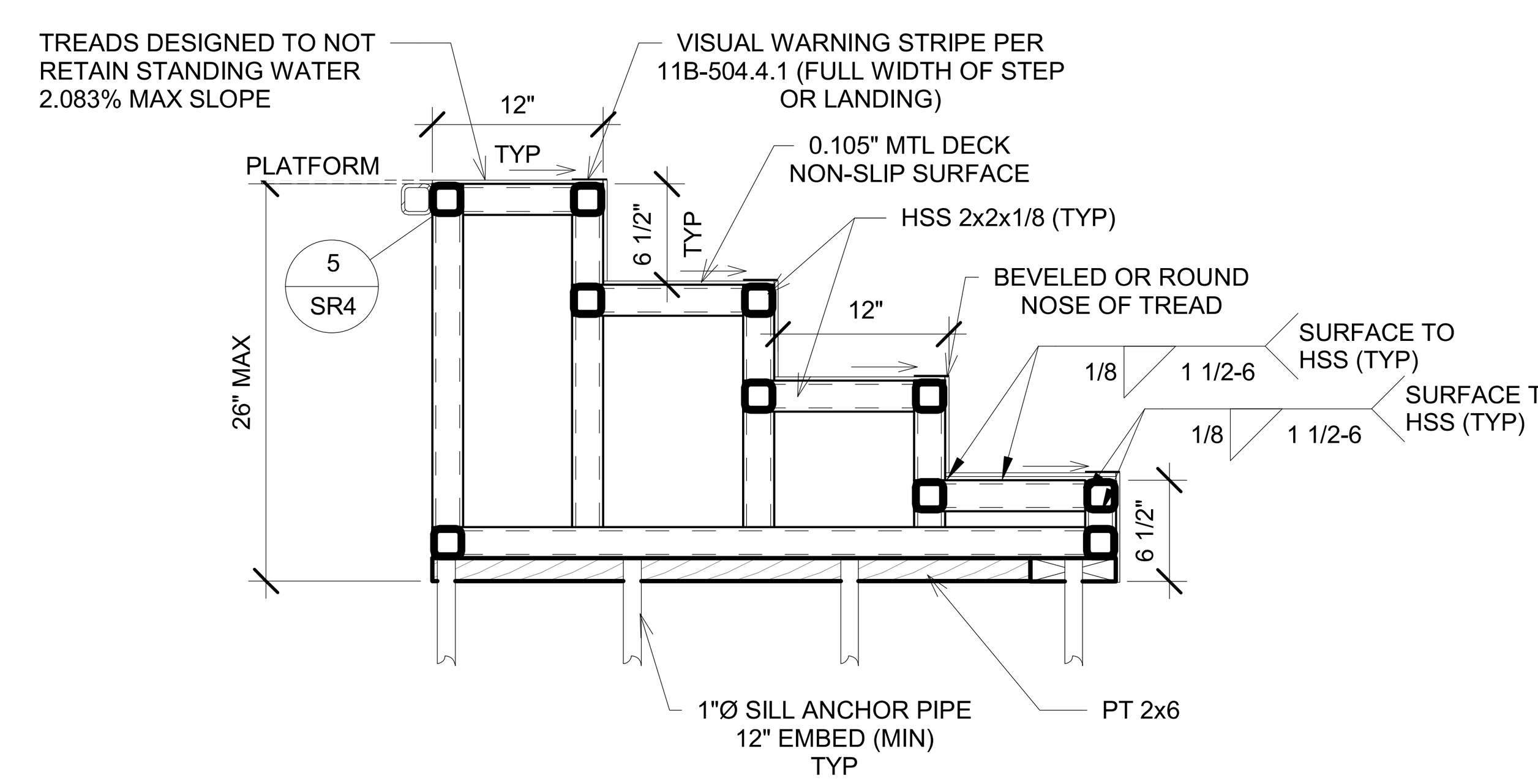
2 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X Copy 1



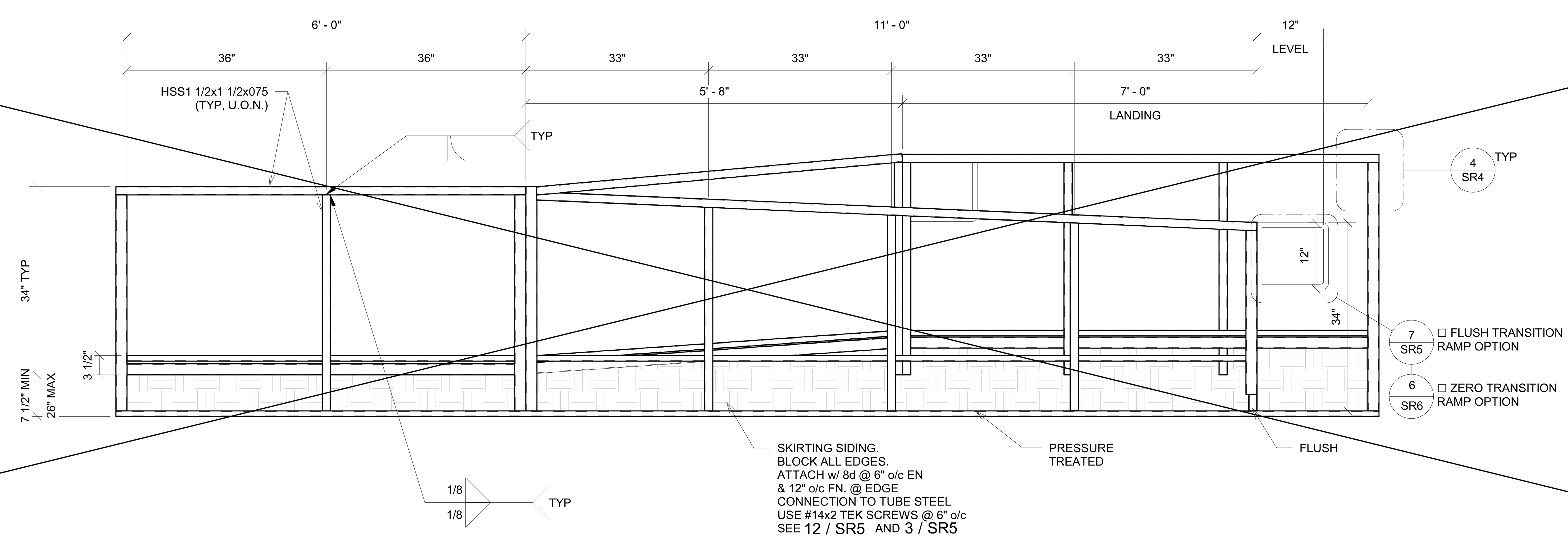
5 *3" = 1'-0"*
Conn @ Platform

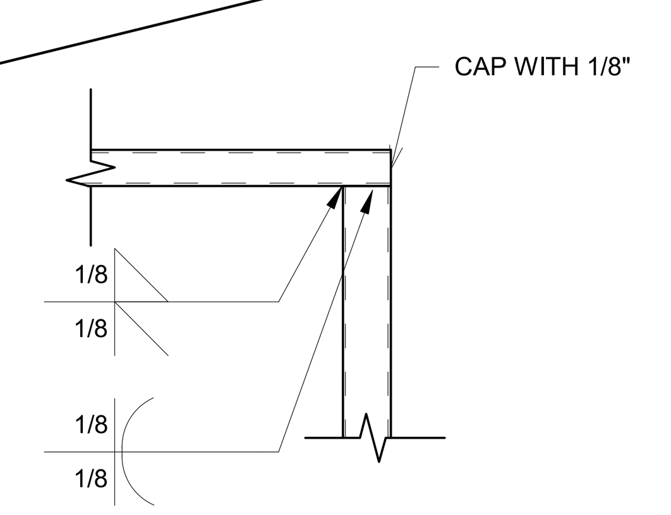


6 *3/8" = 1'-0"*
Stair



7 *1" = 1'-0"*
Stair Elev





4 *1 1/2" = 1'-0"*
Ramp & Landing Elevation Option X1 - Callout 1

3 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X

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San Diego, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
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DIVISION OF THE STATE ARCHITECT
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

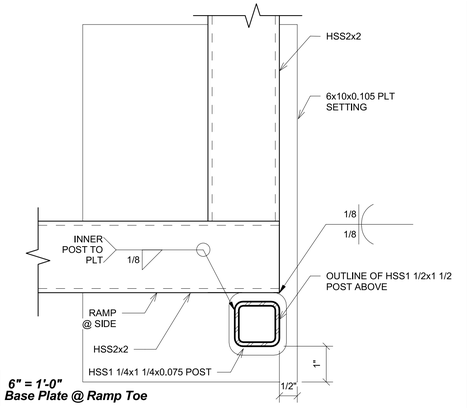
DRAWN BY
SM

CHECKED BY
rMc

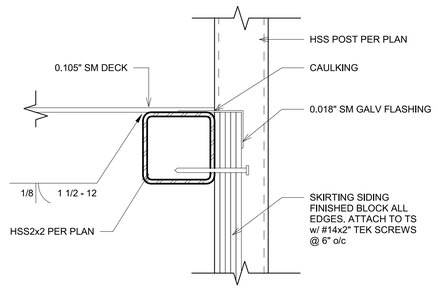
DATE
05/04/2017

SHEET NO.
SR4-4

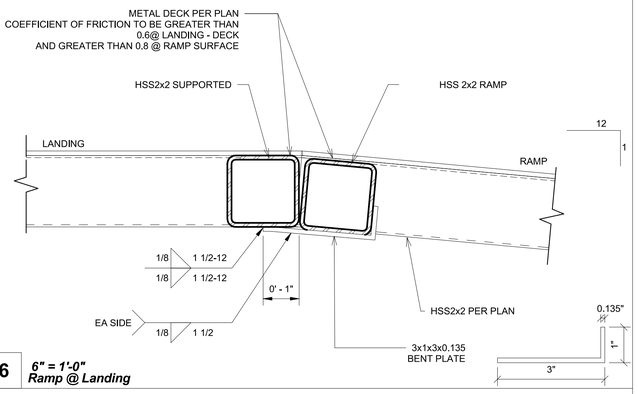
SHEET OF



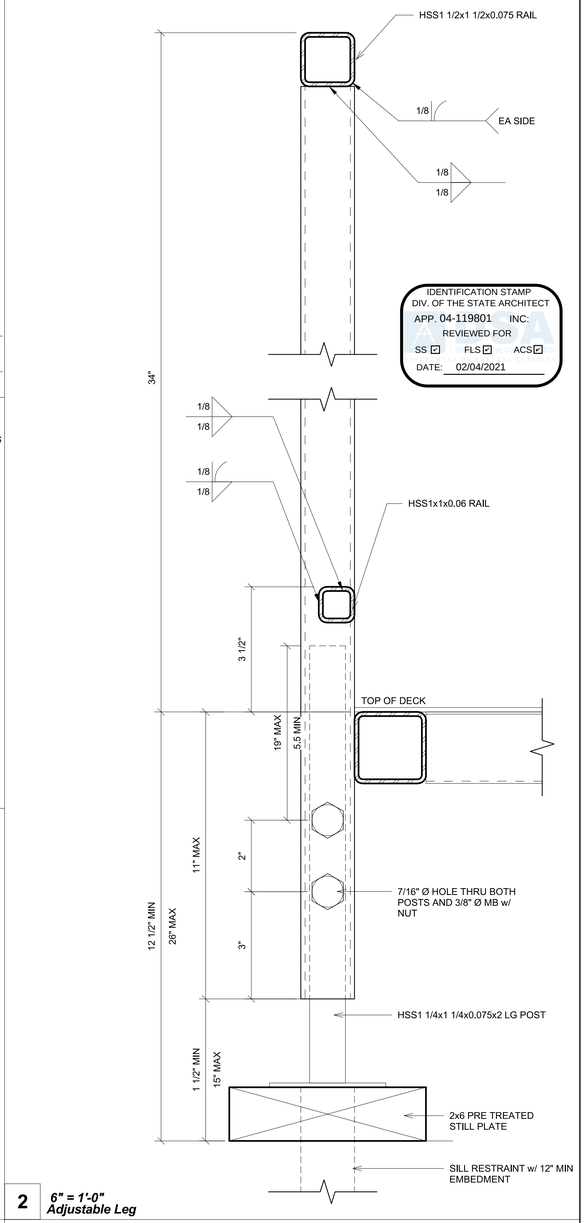
9 *6" = 1'-0"*
Base Plate @ Ramp Toe



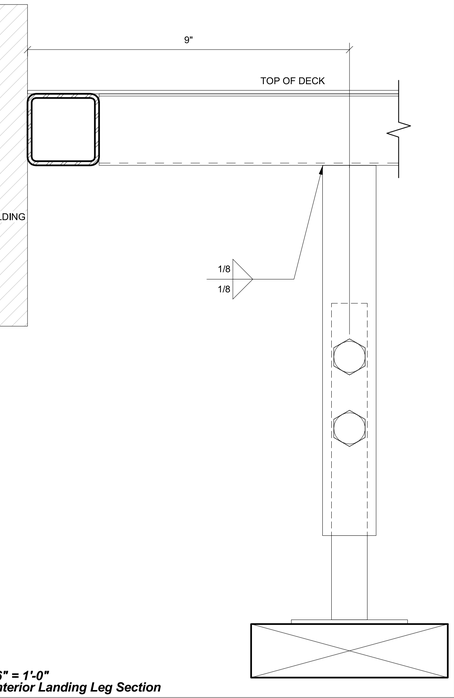
12 *6" = 1'-0"*
Skirt Flashing



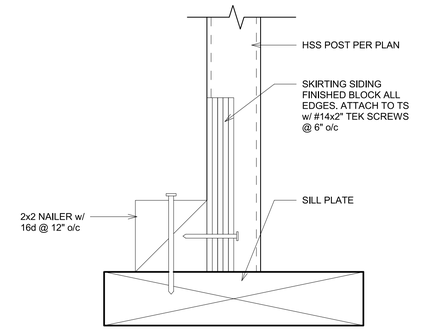
6 *6" = 1'-0"*
Ramp @ Landing



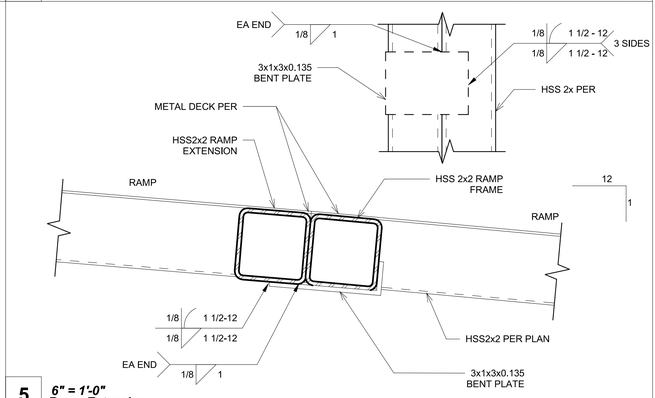
2 *6" = 1'-0"*
Adjustable Leg



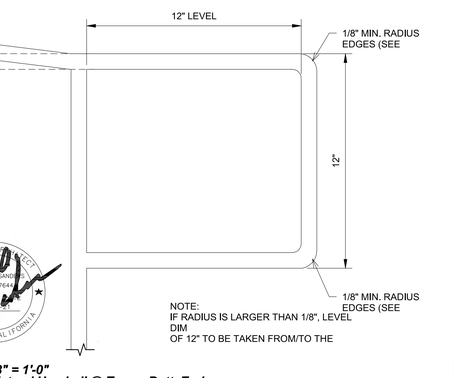
8 *6" = 1'-0"*
Interior Landing Leg Section



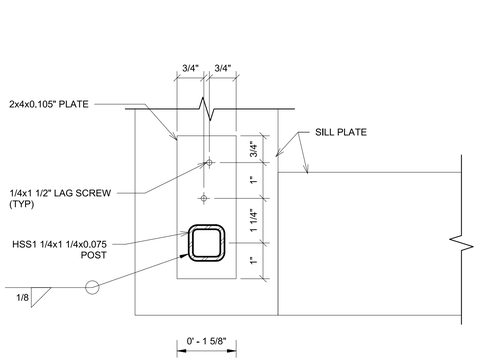
3 *6" = 1'-0"*
Skirt Flashing @ Sill Plate



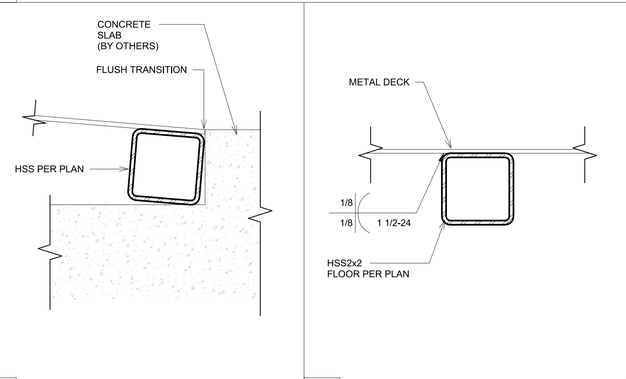
5 *6" = 1'-0"*
Ramp Extension



7 *3" = 1'-0"*
Extend Handrail @ Top or Bott. Ends

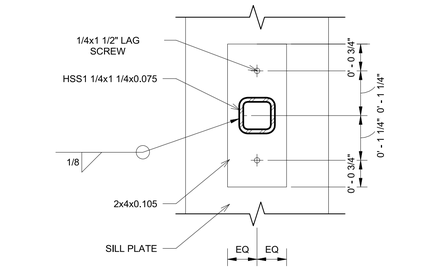


3b *6" = 1'-0"*
Adjustable Leg Base Plate

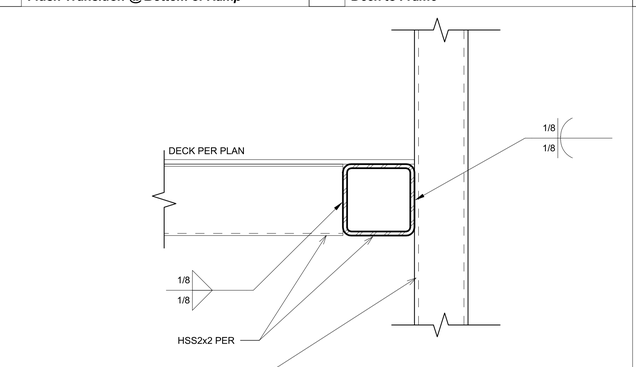


10 *6" = 1'-0"*
Flush Transition @ Bottom of Ramp

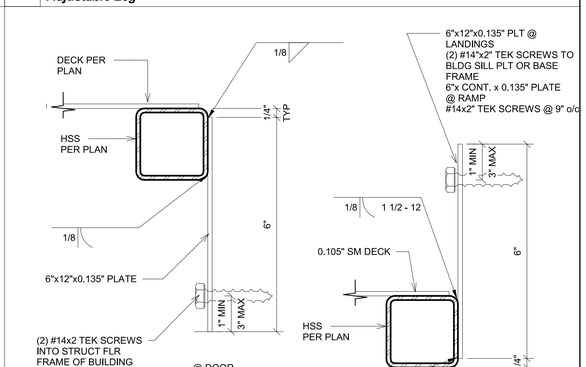
1 *6" = 1'-0"*
Deck to Frame



3a *6" = 1'-0"*
Adjustable Leg Plate



4 *6" = 1'-0"*
Guardrail post Attachment



11 *6" = 1'-0"*
Section @ Plate

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R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCO C-43801 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] **CBC**
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp Details

PROJECT NUMBER
17016A

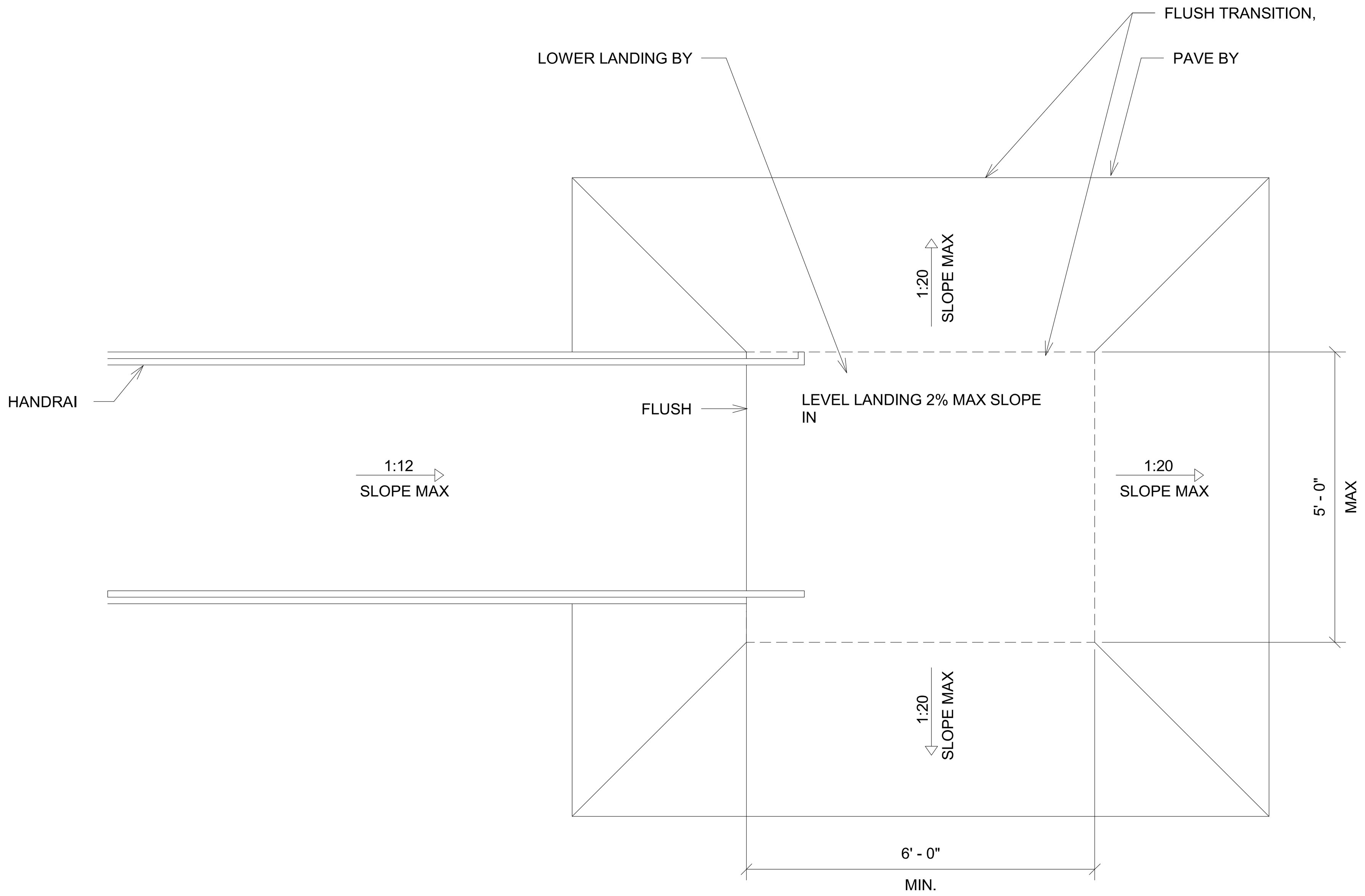
DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR5-4

SHEET OF



NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

7 *1/2" = 1'-0"* *Ramp Transition*

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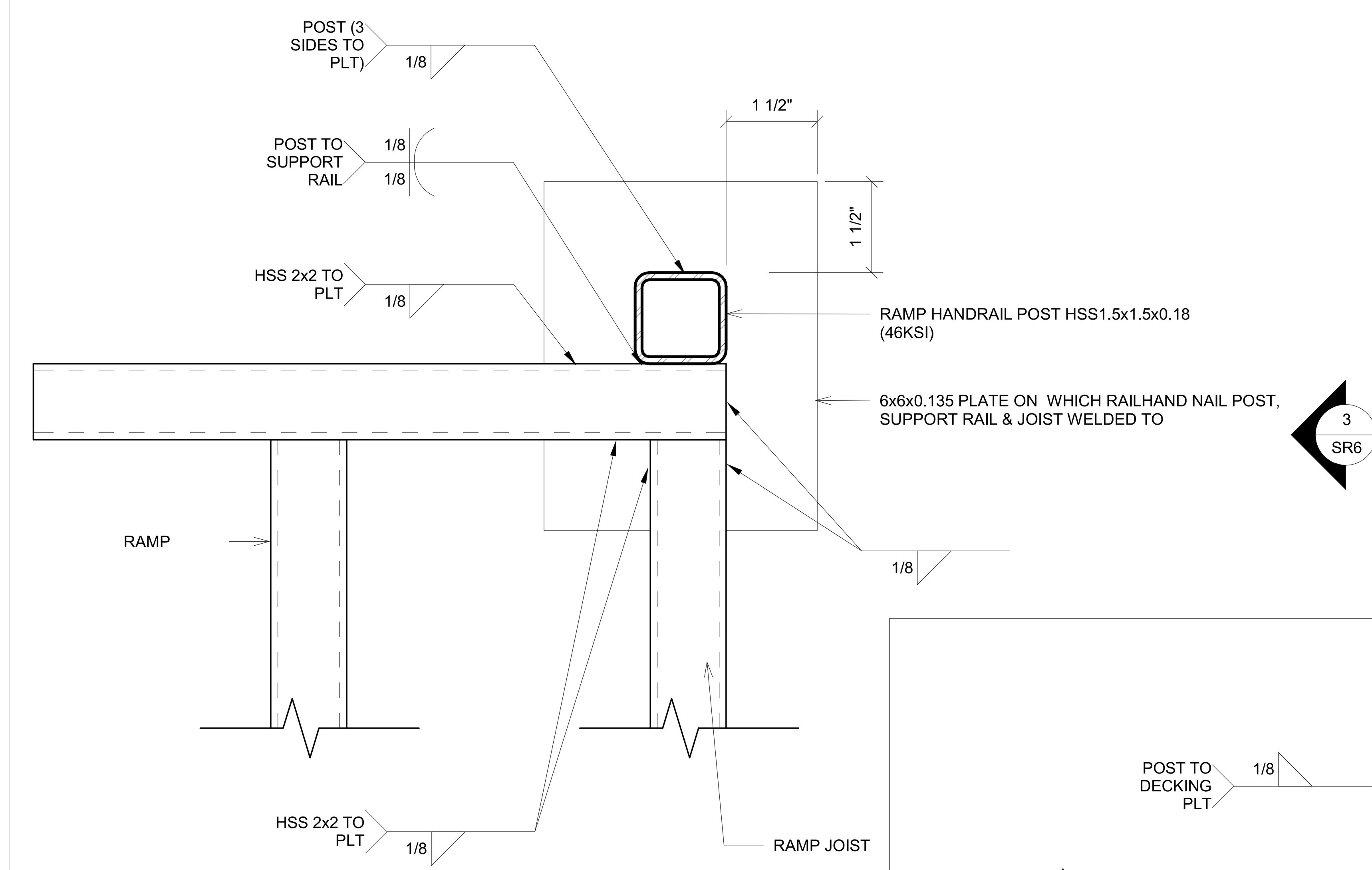
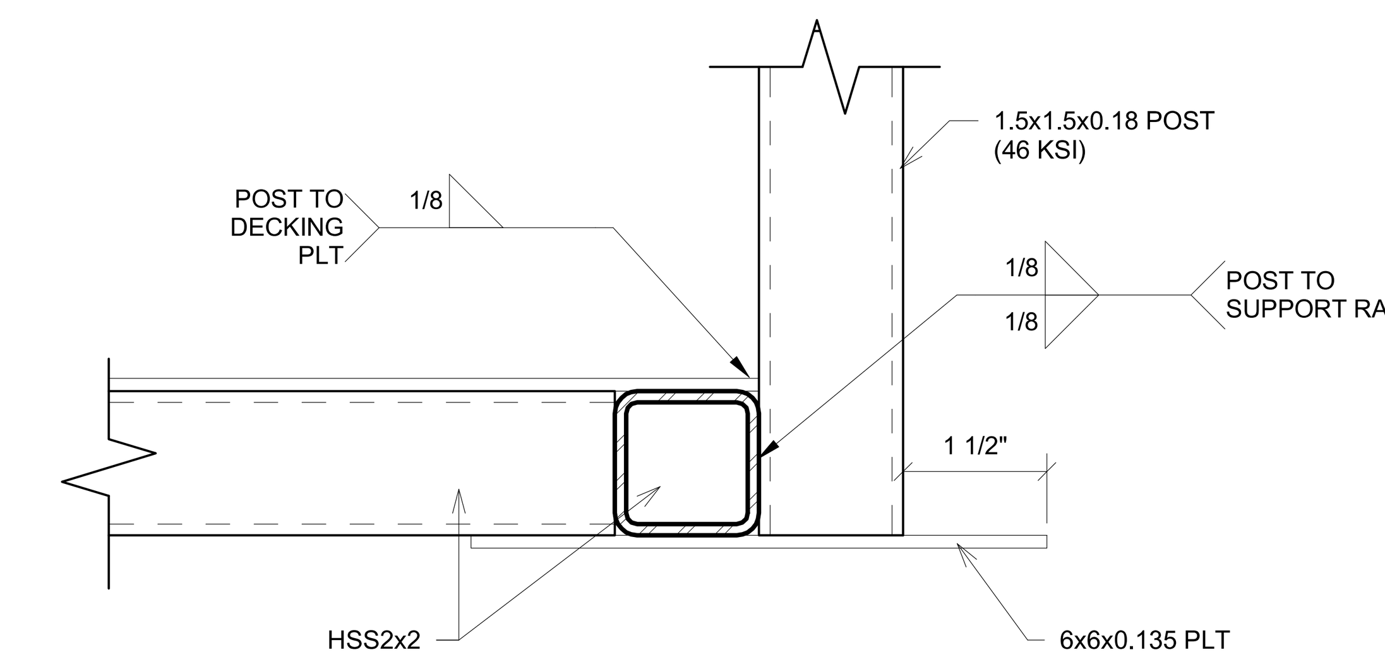
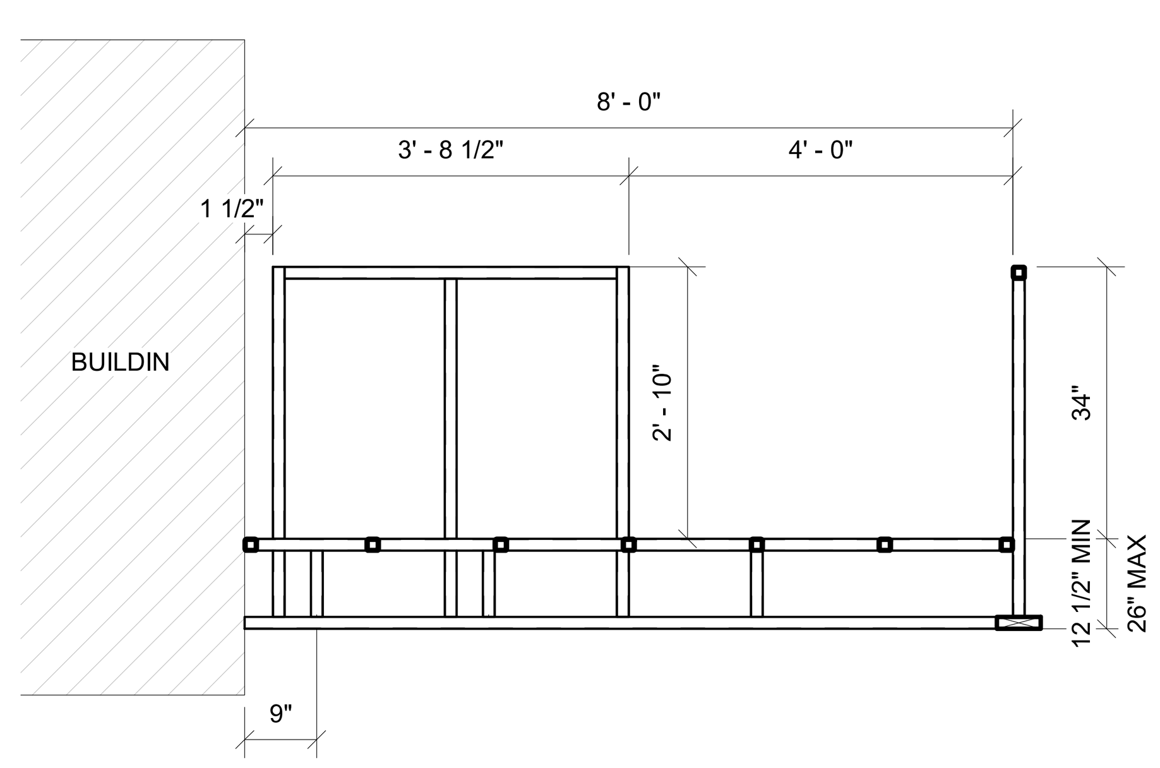


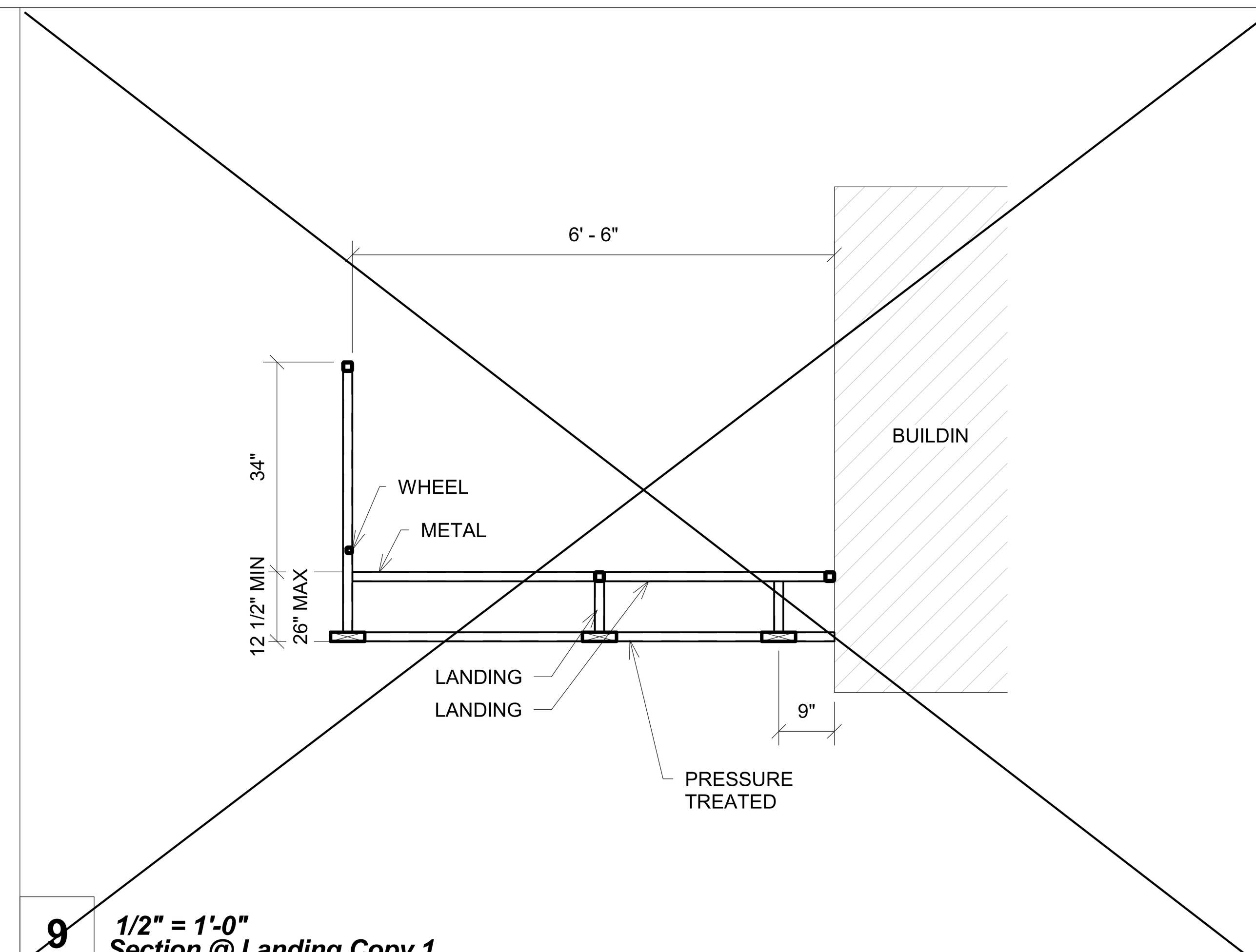
2 *6" = 1'-0"* *Base Plt @ Ramp Toe For Zero Transition*



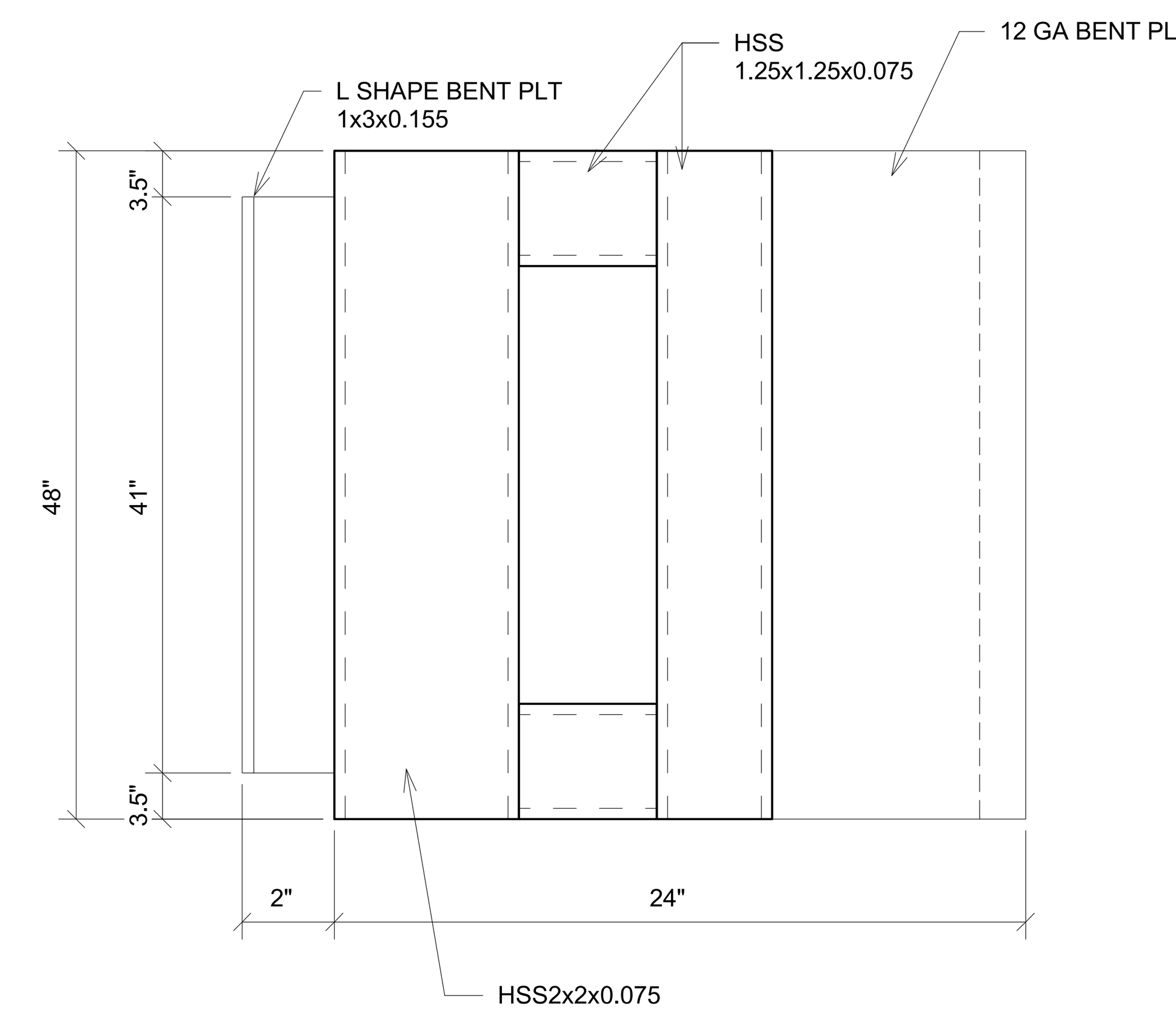
3 *6" = 1'-0"* *Base Plt @ Ramp Toe Low Zero Side View*



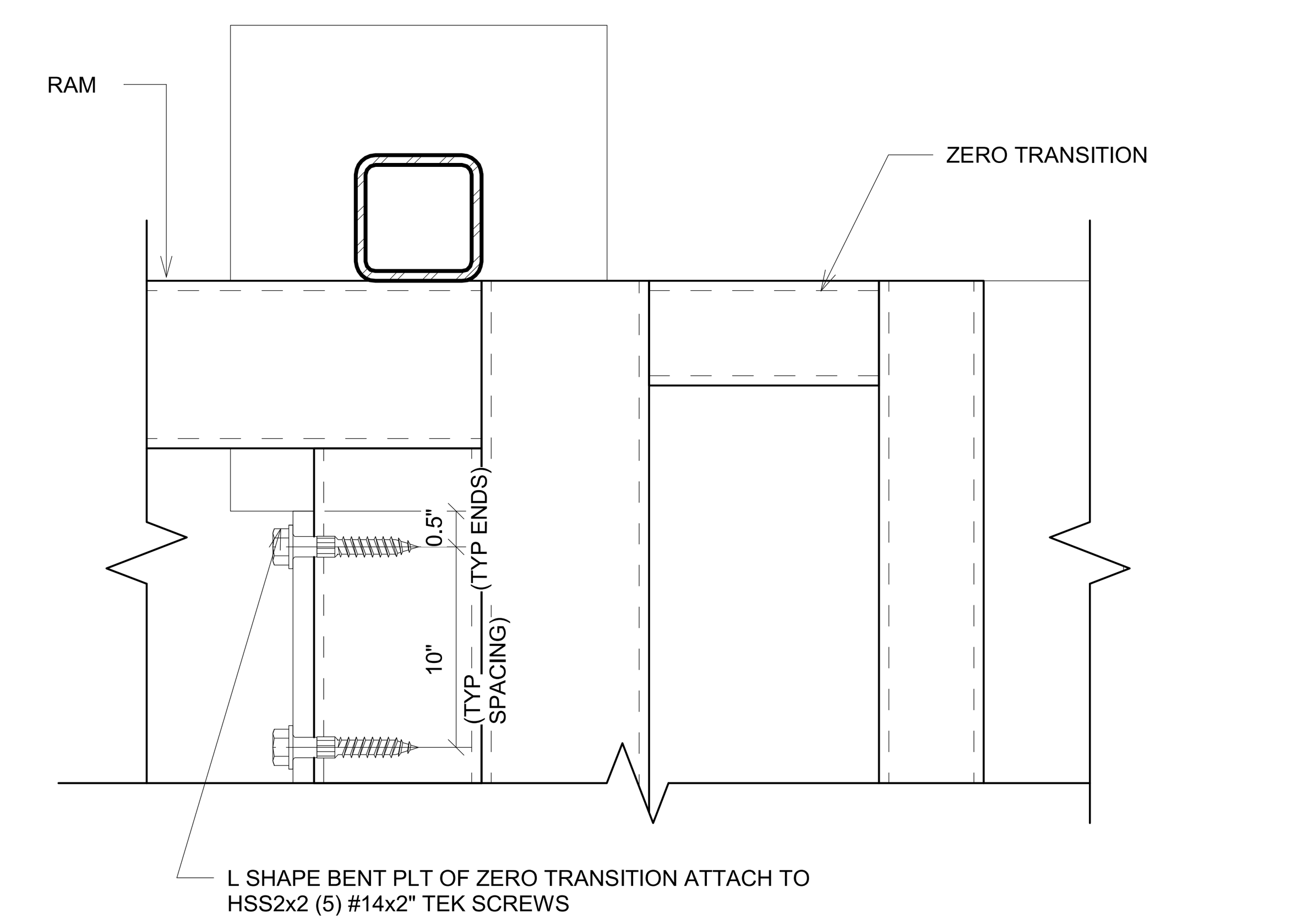
8 *1/2" = 1'-0"* *Section @ Landing*



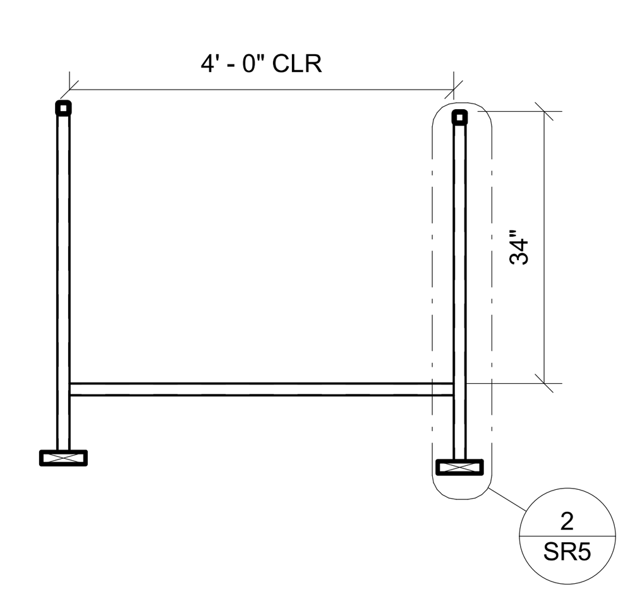
9 *1/2" = 1'-0"* *Section @ Landing Copy 1*



4 *6" = 1'-0"* *Top View Ramp Zero Transition*

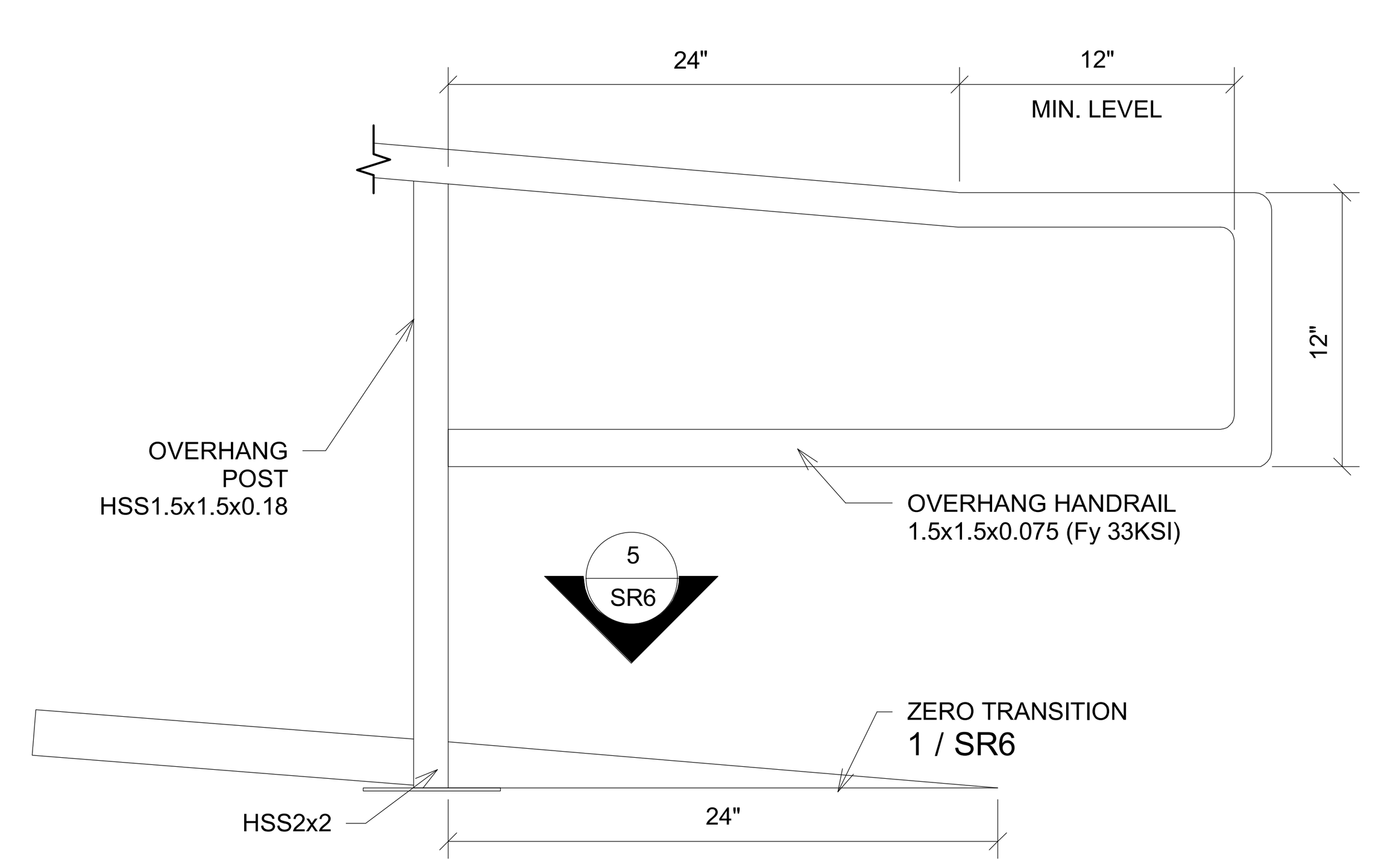


5 *6" = 1'-0"* *Zero Transition Ramp Connection*



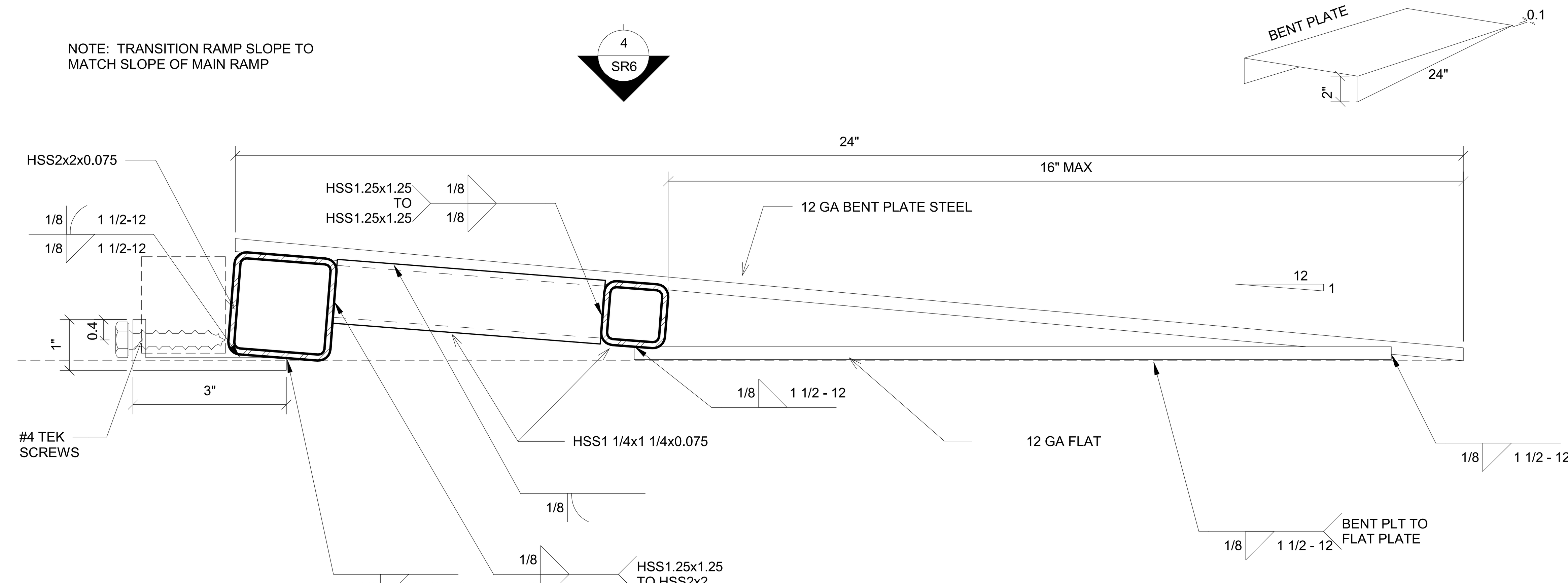
10 *1/2" = 1'-0"* *Section @ Ramp*

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



6 *1 1/2" = 1'-0"* *Extend Handrail @ Bottom End For Zero Transition Ramp*

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



1 *6" = 1'-0"* *Zero Transition Ramp*

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R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
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San Diego, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

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PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-4

SHEET OF

MODULAR CLASSROOM BUILDINGS

BUILDING SIZE: 24' X 40'

EXPANDABLE TO 120' X 40'

PC 04-112072

BY

SILVER CREEK INDUSTRIES, INC.

195 EAST MORGAN, PERRIS, CALIFORNIA 92571

PHONE : (951) 943-5393 FAX : (951) 943-2211

SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING / STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CLASS LEASING

~~Stock Pile # 140~~

~~OPTION > 24'X40' – (1)~~
OPTION > 36'X40' – (10)
~~OPTION > 48'X40' (10)~~

STKP # 210

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

CLASSROOM BLDG'S

JOB #

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL.
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2010 CBC 705.3
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE SHEET S-0.1 STRUCTURAL SPECIFICATIONS
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2010 CBC.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.
10. SEE SHEETS A-0.6, A-0.7 AND A-0.8 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.

The automatic fire sprinkler system for this PC has been designed for light hazard occupancies

BUILDING DATA

NUMBER OF STORIES:	1 - STORY	
OCCUPANCY:	E: 24' - 120' x 40' BUILDINGS	
TYPE OF CONSTRUCTION:	VB	
FLOOR LIVE LOAD:	☐ 50 PSF / ☐ 100 PSF	☒ 50+15 PSF PARTITION LOAD / ☐ 150 PSF
ROOF LIVE LOAD:	20 PSF	
FLOOR DEAD LOAD:	☒ WOOD FLOOR - 8 PSF	☐ CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)	
RAMP LIVE LOAD:	100 PSF	
BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS) ALLOWABLE AREA = 9500 SF	☒ 24'x40' BLDG - 960 SF/1140 SF ☒ 36'x40' BLDG - 1440 SF/1710 SF ☒ 48'x40' BLDG - 1920 SF/2280 SF ☐ 60'x40' BLDG - 2400 SF/2850 SF ☐ 72'x40' BLDG - 2880 SF/3420 SF	☐ 84'x40' BLDG - 3360 SF/3990 SF ☐ 96'x40' BLDG - 3840 SF/4560 SF ☐ 108'x40' BLDG - 4320 SF/5130 SF ☐ 120'x40' BLDG - 4800 SF/5700 SF
FOUNDATION:	☐ WOOD	☐ CONCRETE
CEC CLIMATE ZONES:	1- 16	

SERIAL #
~~10774 - 75 - 76~~
10777 - 78 - 79
~~10780 - 81 - 82~~
~~10783 - 84 - 85~~

WIND DESIGN DATA SECTION 1603.A.1.4

1. BASIC WIND SPEED, 3 SEC GUST (MPH) :			100 / Kzt = 1.0
2. WIND IMPORTANCE FACTOR :			1
3. WIND EXPOSURE :			"C"
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT :			± 0.18
5. COMPONENTS AND CLADDING :			
ZONE 1 =	23.1	ZONE 4 =	22.6
ZONE 2 =	38.8	ZONE 5 =	27.8
ZONE 3 =	58.4		

EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR :				1
2. MAPPED SPECTRAL RESPONSE :				
S_s = 1.5 (FOR BASE SHEAR)		S_1 = 0.654		
S_s = 2.14 (FOR ARCHITECTURAL COMPONENTS)				
3. SITE CLASS				D
4. SPECTRAL RESPONSE COEFFICIENTS :				
S_{DS} = 1		S_{D1} = 0.65		
5. SEISMIC DESIGN CATEGORY :				E
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM :				OMF
7. DESIGN BASE SHEAR (kips) :				
CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X		X		23.11
	X	X		19.24
X			X	31.35
	X		X	24.48
8. SEISMIC RESPONSE COEFFICIENT, Cs :				0.286
9. RESPONSE MODIFICATION FACTOR, R :				3.5
10. ANALYSIS PROCEDURE USED :				EQUIVALENT LATERAL FORCE
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS				6" SEP.

NOTE
FOR NEW CONSTRUCTION STOCKPILE BUILDINGS:
SITE SPECIFIC APPROVAL CAN NOT BE CERTIFIED BEFORE THE HERE IN STOCKPILE (04-113849) IS CERTIFIED

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS	2010 EDITION
NFPA 72	NAT. FIRE ALARM CODE (CALIF. AMENDED) (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	2010 EDITION

APPLICABLE CODES (AS OF JANUARY 1, 2011)

LIST OF 2010 CALIFORNIA CODE OF REGULATIONS

2010 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2010 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2, PART 2, TITLE 24 C.C.R.
(2009 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2009 IAPMO UNIFORM MECHANICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2009 IAPMO UNIFORM PLUMBING CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
(2008 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICENCY STANDARDS)
2010 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2009 INTERNATIONAL FIRE CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA GREEN CODE, PART 11, TITLE 24 C.C.R.
2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114277
DATE APR 23 2018
FLS: R. FERRER
ACS: B LATIMER
SSS: G. CHAN

REVISED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113892
DATE FEB 26 2015
FLS: R. FERRER
ACS: SCOT DAVISON
SSR: VINCE NUTILE

PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2014*

2013 California Administrative Code, Part 1, Title 24 C.C.R.*
2013 California Building Code (CBC), Part 2, Title 24 C.C.R.
(2012 International Building Code Volumes 1-2 and 2013 California Amendments)
2013 California Electrical Code (CEC), Part 3, Title 24 C.C.R.
(2011 National Electrical Code and 2013 California Amendments)
2013 California Mechanical Code (CMC) Part 4, Title 24 C.C.R.
(2012) Uniform Mechanical Code and 2013 California Amendments)
2013 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.
(2012) Uniform Plumbing Code and 2013 California Amendments)
2013 California Energy Code (CEC), Part 6, Title 24 C.C.R.*
2013 California Fire Code, Part 9, Title 24 C.C.R.
(2012 International Fire Code and 2013 California Amendments)
2013 California Green Building Standards Code, Part 11, Title 24 C.C.R.
2013 California Referenced Standards, Part 12, Title 24 C.C.R.
Title 19 C.C.R., Public Safety, State Fire Marshal Regulations.
2007 ASME A17.1(w/A17.1a/CSA B44a-08 addenda) Safety Code For Elevators And Escalators

FOR ACCESS/FLS ONLY (2013 TITLE 24)

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	Automatic Sprinkler Systems	2013 Edition
NFPA 14	Standpipe Systems	2013 Edition
NFPA 17	Dry Chemical Extinguishing Systems	2013 Edition
NFPA 17a	Wet Chemical Systems	2013 Edition
NFPA 20	Stationary Pumps	2013 Edition
NFPA 22	Water tanks for Private Fire Protection	2013 Edition
NFPA 24	Private Fire Mains	2013 Edition
NFPA 72	National Fire Alarm Code	2013 Edition
NFPA 80	Fire doors and Other Opening Protectives	2013 Edition
NFPA 92	Standard for Smoke Control Systems	2012 Edition
NFPA 253	Critical Radiant Flux of Floor Covering Systems	2006 Edition
NFPA 2001	Clean Agent Fire Extinguishing Systems	2012 Edition
ICC 300	ICC Standards on Bleachers, Folding and Telescoping Seating and Grand stands	2012 Edition
UL 300	Fire Testing of Fire Extinguishing Systems for Protection Of Restaurant Cooking Areas	2005 Edition
UL 464	Audible Signal Appliances	2003 Edition
UL 521	Heat Detectors for Fire Protective Signaling Systems	1999 Edition

Reference code section for NFPA Standards- 2013 CBC (SFM) Chapter 35. See Chapter 35 for State of California amendments to NFPA Standards.

*All parts of the 2013 California Building Code become effective January 1, 2014 except the effective date for the use of the 2013 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10 and Part 6, and affected provisions in Part 11 [Cal. Green Building Standards Code]) is July 1, 2014 and the effective date for California Administrative Code, Part 1, Title 24 is February 28, 2013.

SHEET INDEX

SHT NO.	ARCHITECTURAL
A-0	COVER SHEET
~~A-0A~~	~~T & I FORMS~~
~~A-0B~~	~~T & I FORMS~~
~~A-0.0~~	~~BUILDING OPTIONS SCHEDULE~~
A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE
A-0.2	SCHEDULES
~~A-0.3~~	~~TYPICAL KEY PLANS - 24' TO 120' x 40'~~
~~A-0.5A~~	~~TITLE 24 - PART 6 - ZONE 14~~
~~A-0.5B~~	~~TITLE 24 - PART 6 - ZONE 15~~
~~A-0.5C~~	~~TITLE 24 - PART 6 - ZONE 16~~
~~A-0.6~~	~~TITLE 24 - PART 6 - COMPLIANCE VALUES - 24' x 40'~~
~~A-0.7~~	~~TITLE 24 - PART 6 - COMPLIANCE VALUES - 24' x 40' & 120' x 40'~~
~~A-0.8~~	~~TITLE 24 - PART 6 - COMPLIANCE VALUES - 120' x 40'~~
~~A-1.01~~	~~FLOOR PLAN - 24' x 40'~~
A-1.02	FLOOR PLAN - 36' x 40'
~~A-1.03~~	~~FLOOR PLAN - 48' TO 120' x 40'~~
~~A-1.04~~	~~OPTIONAL 12 x 40 TOILET MODULE PLANS & ELEVATIONS~~
~~A-1.05~~	~~OPTIONAL 12 x 40 TOILET MODULE PLUMBING PLAN & ISOMETRICS~~
~~A-1.06~~	~~OPTIONAL 24 x 40 TOILET BUILDING PLANS & ELEVATIONS~~
~~A-1.07~~	~~OPTIONAL 24 x 40 TOILET BUILDING PLUMBING PLAN & ISOMETRICS~~
~~A-2.01~~	~~REFLECTED CEILING PLAN - 24' x 40'~~
A-2.02	REFLECTED CEILING PLAN - 36' x 40'
~~A-2.03~~	~~REFLECTED CEILING PLAN - 48' TO 120' x 40'~~
~~A-2.11~~	~~REFLECTED CEILING PLAN - 24', 36' x 40'~~
~~A-2.12~~	~~REFLECTED CEILING PLAN - 48' TO 120' x 40'~~
A-2.20	CEILING DETAILS - T-GRID
~~A-2.21~~	~~CEILING DETAILS - HARD LID~~
~~A-3.01~~	~~ROOF PLAN - 0.016" METAL DECK - MONO OR DUAL SLOPE - 24' x 40'~~
A-3.02	ROOF PLAN - 0.016" METAL DECK - MONO OR DUAL SLOPE - 36' x 40'
~~A-3.03~~	~~ROOF PLAN - 0.016" METAL DECK - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.04~~	~~ROOF PLAN - 0.016" METAL DECK - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.11~~	~~ROOF PLAN - 0.030" METAL DECK - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.12~~	~~ROOF PLAN - 0.030" METAL DECK - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.13~~	~~ROOF PLAN - 0.030" METAL DECK - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.14~~	~~ROOF PLAN - 0.030" METAL DECK - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.21~~	~~ROOF PLAN - BUILT UP ROOF - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.22~~	~~ROOF PLAN - BUILT UP ROOF - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.23~~	~~ROOF PLAN - BUILT UP ROOF - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.24~~	~~ROOF PLAN - BUILT UP ROOF - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.31~~	~~ROOF PLAN - PARAPET - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.32~~	~~ROOF PLAN - PARAPET - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.33~~	~~ROOF PLAN - PARAPET - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.34~~	~~ROOF PLAN - PARAPET - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.41~~	~~ROOF PLAN - TPO - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.42~~	~~ROOF PLAN - TPO - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.43~~	~~ROOF PLAN - TPO - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.44~~	~~ROOF PLAN - TPO - DUAL SLOPE - 48' TO 120' x 40'~~
A-3.50	ROOF DETAILS - 0.016" STANDING SEAM ROOF DECK
~~A-3.60~~	~~ROOF DETAILS - 0.030" STANDING SEAM ROOF DECK~~
~~A-3.61~~	~~ROOF DETAILS - 0.030" STANDING SEAM ROOF DECK~~
~~A-3.70~~	~~ROOF DETAILS - BUILT UP ROOF~~
~~A-3.80~~	~~ROOF DETAILS - PARAPET~~
~~A-3.90~~	~~ROOF DETAILS - TPO ROOF~~
~~A-4.01~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 24' x 40'~~
A-4.02	EXTERIOR ELEVATIONS - MONO SLOPE - 36' x 40'
~~A-4.03~~	~~EXTERIOR ELEVATIONS - DUAL SLOPE - 36' x 40'~~
~~A-4.04~~	~~EXTERIOR ELEVATIONS - MONO SLOPE - 48' TO 120' x 40'~~
~~A-4.05~~	~~EXTERIOR ELEVATIONS - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-4.21~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 24' x 40' (PARAPET)~~
~~A-4.22~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 36' x 40' (PARAPET)~~
~~A-4.23~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 48' TO 120' x 40' (PARAPET)~~
A-5.01	CROSS SECTION - MONO SLOPE - 0.016", B.U., OR TPO ROOF DECK OR PARAPET
~~A-5.02~~	~~CROSS SECTION - DUAL SLOPE - 0.016", B.U., OR TPO ROOF DECK OR PARAPET~~
~~A-5.03~~	~~CROSS SECTION - MONO SLOPE - 0.030" ROOF DECK~~
~~A-5.04~~	~~CROSS SECTION - DUAL SLOPE - 0.030" ROOF DECK~~
A-5.05	CROSS SECTION
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING
~~A-5.51~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER~~
~~A-5.52~~	~~ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.53~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED~~
~~A-5.60~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING~~
~~A-5.61~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER~~
~~A-5.62~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.63~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED~~
~~A-5.64~~	~~ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS~~
A-5.70	ARCHITECTURAL DETAILS - FLOOR
A-5.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
~~A-5.81~~	~~ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS~~
~~A-6.01~~	~~INTERIOR ELEVATIONS - 24' x 40'~~
A-6.02	INTERIOR ELEVATIONS - 36' x 40'
~~A-6.03~~	~~INTERIOR ELEVATIONS - 48' TO 120' x 40'~~

SHT NO.	FOUNDATION
~~F-0.01~~	~~WOOD FOUNDATION PLAN - 24' x 40' (50 PSF)~~
~~F-0.02~~	~~WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)~~
~~F-0.03~~	~~WOOD FOUNDATION PLAN - 24' x 40' (100 PSF)~~
~~F-0.04~~	~~WOOD FOUNDATION PLAN - 24' x 40' (150 PSF)~~

SHT NO.	FOUNDATION (CONT)
~~F-0.11~~	~~WOOD FOUNDATION PLAN - 36' x 40' (50 PSF)~~
~~F-0.12~~	~~WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)~~
~~F-0.13~~	~~WOOD FOUNDATION PLAN - 36' x 40' (100 PSF)~~
~~F-0.14~~	~~WOOD FOUNDATION PLAN - 36' x 40' (150 PSF)~~
~~F-0.21~~	~~WOOD FOUNDATION PLAN - 48' x 40' (50 PSF)~~
~~F-0.22~~	~~WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)~~
~~F-0.23~~	~~WOOD FOUNDATION PLAN - 48' x 40' (100 PSF)~~
~~F-0.24~~	~~WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)~~
~~F-0.50~~	~~FOUNDATION DETAILS - WOOD~~
~~F-1.01~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR~~
~~F-1.11~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR~~
~~F-1.50~~	~~CONCRETE FOUNDATION DETAILS - ABOVE GRADE~~
~~F-2.01~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR~~
~~F-2.11~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR~~
~~F-2.50~~	~~CONCRETE FOUNDATION DETAILS - BELOW GRADE~~
~~F-2.51~~	~~FOUNDATION DTLS - CONCRETE~~
F1.0	CL FOUNDATION PLAN AND DETAILS (ALTERNATIVE FND. PC 04-113776)
F3.1	CL FOUNDATION PLAN AND DETAILS (ALTERNATIVE FND. PC 04-113776)

SHT NO.	STRUCTURAL
S-0.1	STRUCTURAL SPECIFICATIONS
S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
~~S-1.11~~	~~FLOOR FRAMING PLAN - CONCRETE FLOOR~~
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
~~S-1.60~~	~~FLOOR FRAMING DETAILS - CONCRETE FLOOR~~
S-2.01	ROOF FRAMING PLAN - 0.016", BUILT UP, OR TPO ROOF - MONO SLOPE
~~S-2.02~~	~~ROOF FRAMING PLAN - 0.030" - MONO SLOPE~~
~~S-2.03~~	~~ROOF FRAMING PLAN - PARAPET - MONO SLOPE~~
~~S-2.11~~	~~ROOF FRAMING PLAN - 0.016", BUILT UP, OR TPO ROOF - DUAL SLOPE~~
~~S-2.12~~	~~ROOF FRAMING PLAN - 0.030" - DUAL SLOPE~~
~~S-2.13~~	~~ROOF FRAMING PLAN - PARAPET - DUAL SLOPE~~
S-2.50	ROOF FRAMING DETAILS - MONO SLOPE
~~S-2.51~~	~~ROOF FRAMING DETAILS - DUAL SLOPE~~
S-2.60	ROOF FRAMING DETAILS
~~S-2.70~~	~~ROOF FRAMING DETAILS - PARAPET~~
S-2.80	ROOF FRAMING DETAILS - TRUSS
S-3.01	BUILDING SECTION - MONO SLOPE ROOF
~~S-3.02~~	~~BUILDING SECTION - DUAL SLOPE ROOF~~
~~S-3.03~~	~~BUILDING SECTION - 0.030" MONO SLOPE ROOF~~
~~S-3.04~~	~~BUILDING SECTION - 0.030" DUAL SLOPE ROOF~~
S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS
S-5.10	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS
~~S-6.00~~	~~WALL FRAMING ELEVATIONS - STEEL STUDS~~
~~S-6.00~~	~~WALL FRAMING DETAILS - STEEL STUDS~~
~~S-6.01~~	~~WALL FRAMING DETAILS - STEEL STUDS~~

SHT NO.	PLUMBING
~~P-1.01~~	~~PLUMBING DETAILS AND SCHEDULE~~

SHT NO.	MECHANICAL
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS
~~M-1.01~~	~~MECHANICAL PLAN - WALL MOUNT - 24' x 40'~~
M-1.02	MECHANICAL PLAN - WALL MOUNT - 36' x 40'
~~M-1.03~~	~~MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'~~
~~M-2.01~~	~~MECHANICAL PLAN - ROOF MOUNT - 24' x 40'~~
~~M-2.02~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 24' x 40'~~
~~M-3.01~~	~~MECHANICAL PLAN - ROOF MOUNT - 36' x 40'~~
~~M-3.02~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 36' x 40'~~
~~M-4.01~~	~~MECHANICAL PLAN - ROOF MOUNT - 48' TO 120' x 40'~~
~~M-4.02~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 120' x 40'~~
~~M-5.01~~	~~MECHANICAL PLAN - WALL MOUNT - 24', 36' x 40'~~
~~M-5.02~~	~~MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'~~

SHT NO.	ELECTRICAL
~~E-1.01~~	~~ELECTRICAL PLAN - 24' x 40'~~
E-1.02	ELECTRICAL PLAN - 36' x 40'
~~E-1.03~~	~~ELECTRICAL PLAN - 48' TO 120' x 40'~~
~~E-1.11~~	~~ELECTRICAL PLAN - 24', 36' x 40'~~
~~E-1.12~~	~~ELECTRICAL PLAN - 48' TO 120' x 40'~~

SHT NO.	RAMP
~~R-1.01~~	~~STANDARD RAMP PLAN~~
~~R-1.02~~	~~OFFSET RAMP PLAN~~
~~R-1.03~~	~~RAMP LANDING~~
~~R-1.04~~	~~STANDARD LANDING WITH STEPS~~
~~R-1.05~~	~~SWITCHBACK RAMP PLAN~~
~~R-2.01~~	~~RAMP DETAILS~~
~~R-3.01~~	~~CONCRETE RAMP~~

SHT NO.	RELOCATABLE SHEETS
[illegible]	[illegible]
[illegible]	[illegible]

SHT NO.	FIRE SPRINKLERS
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING CLASSROOMS BLDG'S

SHEET TITLE:
COVER SHEET

TAVARES ASSOCIATES

LICENSED ARCHITECT, STATE OF CALIFORNIA
12/28/2011

ARCHITECT OF RECORD SUBMISSION NAME
REGISTERED ARCHITECT ROBERT A. McQUEAD C10322 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 11 49
DATE AUG 28 2014
FLS: T. Burke ACS: B. LATIMER SS: D. WANG

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
ACS:

REVISIONS
SS: P. ROONEY

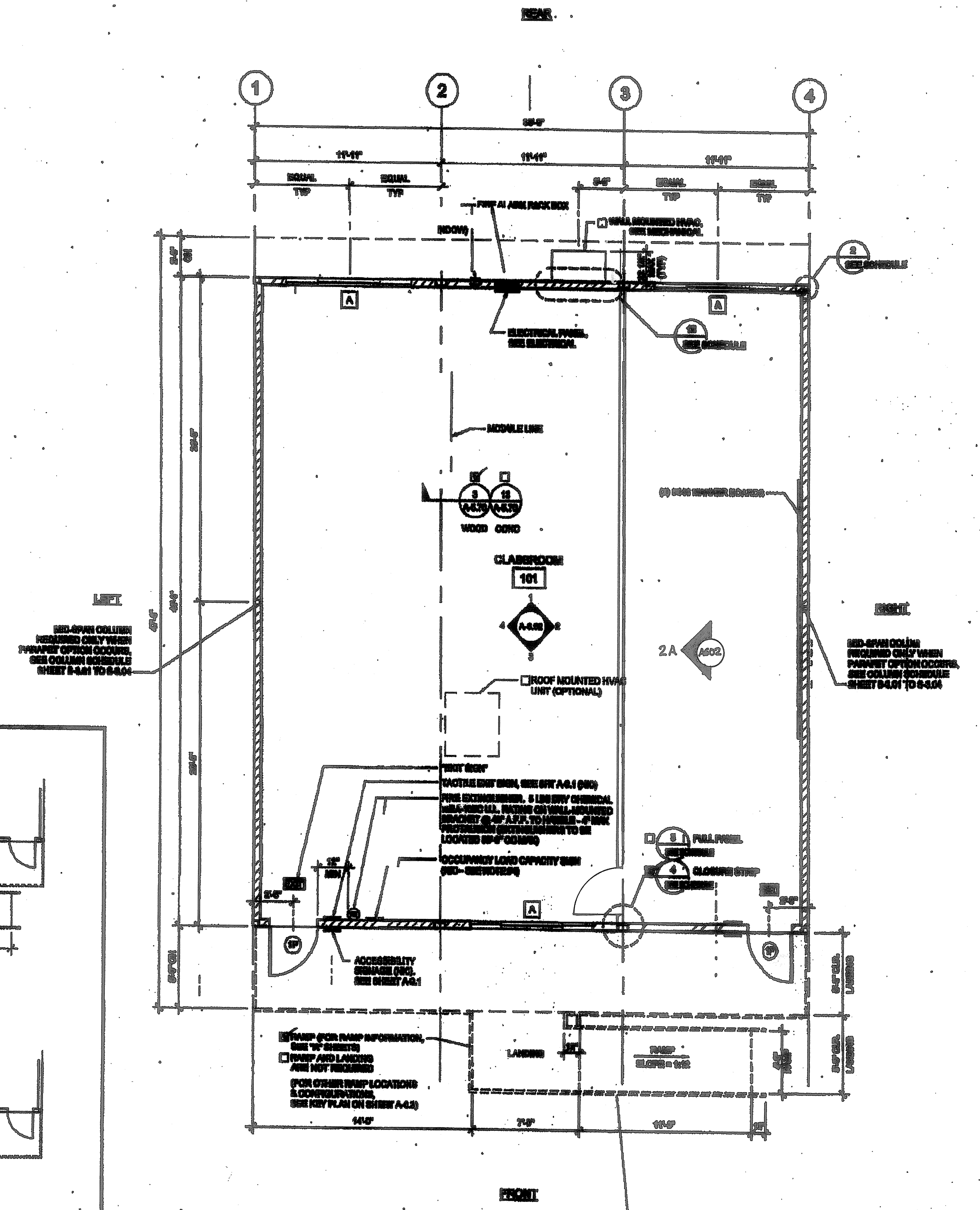
△1	
△2	
△3	
△4	
△5	
△6	
△7	
△8	

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	STKP- 140
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

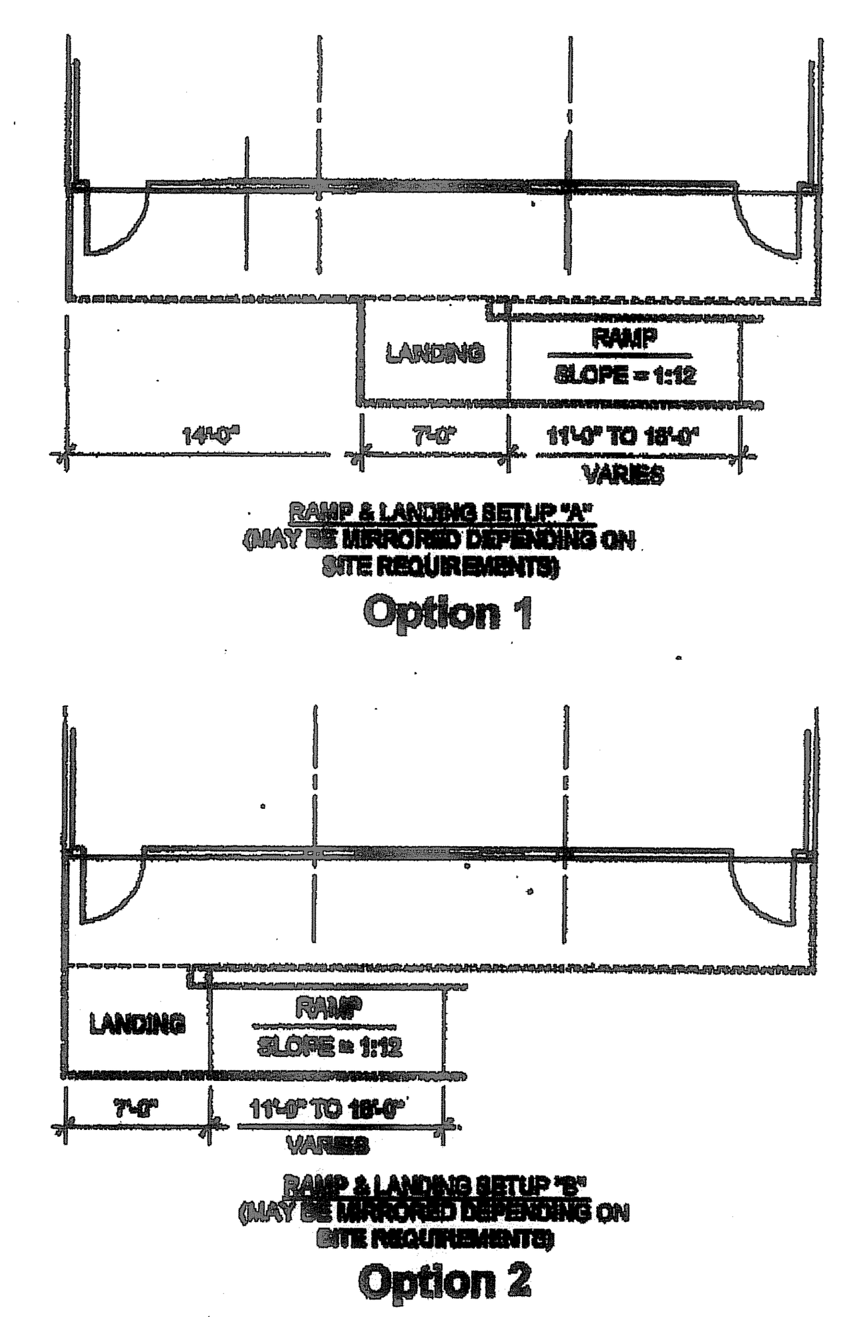
P.C. SHEET NUMBER
A-0-5

SCANNED



(SEE 2/- FOR RAMP SETUPS)

FLOOR PLAN 1



RAMP & LANDING SETUPS 2

NOTES

A. SINK / CABINET OPTION LOCATION@ END OF WALL OR SIDE WALL T.B.D.

C. This Bldg. size can be expanded as allowed for the PC's various sizes

DETAIL SCHEDULE

FIRE RATED DETAIL SCHEDULE

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OFFICE OF REGULATION SERVICES
04 113892
DATE FEB 26 2015

WALL LEGEND

NOTE:
IF PARAPET IS USED & HIGHER THAN 18", END WALLS MUST BE 2x6 @ 24" O.C.

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OFFICE OF REGULATION SERVICES
04 114277
DATE APR 23 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

CLASS LEASING
CLASSROOM BLDG'S

FLOOR PLAN
36' x 40'

04 113849
AUG 26 2014

UNIT B

STKR-140

A-1.02-5

CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

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DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SPECIFICATIONS
RELOCATABLE CLASSROOMS

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.
2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.
2. All requirements of CCR (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an Inspector approved by DSA (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as may be required by DSA. Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.
2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.
3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:
The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

   The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.
2. Assembly of Elements:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.
2. Workmanship:
   a) FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.
   b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.
   c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.
   d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

1. Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2
2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels-minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.
3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS.
   Bolt holes shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.
4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS
5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.
6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
   Screws shall be steel with cut threads and bending yield strengths per Table 11L in NDS.
7. Wood members shall be cut or notched only as shown on structural drawings.
8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.
9. Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)
10. Nail equivalence:
    (provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

    6d equals .113" DIA. - provide 1.36" minimum point penetration
    8d equals .131" DIA. - provide *1.57" minimum point penetration
11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard W/B Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated.
12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.
13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.
14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.
15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.
16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).
17. Used lumber in good condition is acceptable for use in foundation system.
18. Tie plates shall conform to A-1011 Grade 33.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the LESSEE (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a **1000 PSF MINIMUM SOIL BEARING PRESSURE.**

Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

The example form DSA 103's shown on this sheet are for illustration purposes only. A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be crossed out on this drawing.

3. No other tests and inspections are required.

DSA-103 (rev 12/20/13)
Statement of Structural Tests & Special Inspections - 2013 CBC
INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised:
School Name: SAMPLE: FOR WELD PLATE OPTION ONLY | District:

	Test or Special Inspection	Type	Performed By	Code References and Notes
+	SOILS			
+	CONCRETE			
+	MASONRY			
-	STEEL			
-	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
X	a. Verify that all materials are appropriately marked and that: Mill certificates indicate material properties that comply with requirements.	Periodic		
X	b. Test unidentified materials	Test	Lab	
X	d. Verify member locations, bracing and all details	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations	Periodic	SI	
-	19. WELDING:			DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel)
X	a. Verify weld filler material identification markings	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
-	19.2 FIELD WELDING:			
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Per AISC 360 and AISC 341 as applicable, DSA IR 17-3.
+	WOOD			
+	OTHER			

1 Field Welding inspection: Special Inspection Verified Report - Form DSA-292

KEY to Columns
1. Type - Continuous - Indicates that a continuous special inspection is required; Periodic - Indicates that a periodic special inspection is required; Test - Indicates that a test is required
2. Performed By - GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative; Lab - Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program; PI - Indicates that the special inspection is to be performed by the project inspector; SI - Indicates that the special inspection is to be performed by a special inspector

APPLICABLE BUILDING CODES
ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC

2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014*
-2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)
-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR
(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
-2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
-2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)
-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*
-2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR
(2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
-2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR
TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED =120 MPH (V) (3 SECOND GUST), K_{ZT} = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

SEISMIC DESIGN DATA: MOMENT FRAME PC'S
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear : 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 C_{s2} = 0.411 R: = 3.5 SITE CLASS = D
S_s = 2.7 mapped value / 0.8 S_s = 2.16 (For Design)
S_{DS} = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S_1 = 1.3 per CBC Figure 1613A.5(2) S_{D1} = 1.3
RISK CATEGORY = II

SEISMIC DESIGN DATA: SHEAR WALL PC'S
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 C_{s2} = 0.222 R: = 6.5 SITE CLASS = D p = 1.3
S_s = 2.7 mapped value / 0.8 S_s = 2.16 (For Design)
S_{DS} = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S_1 = 1.3 per CBC Figure 1613A.5(2) S_{D1} = 1.3
RISK CATEGORY = II

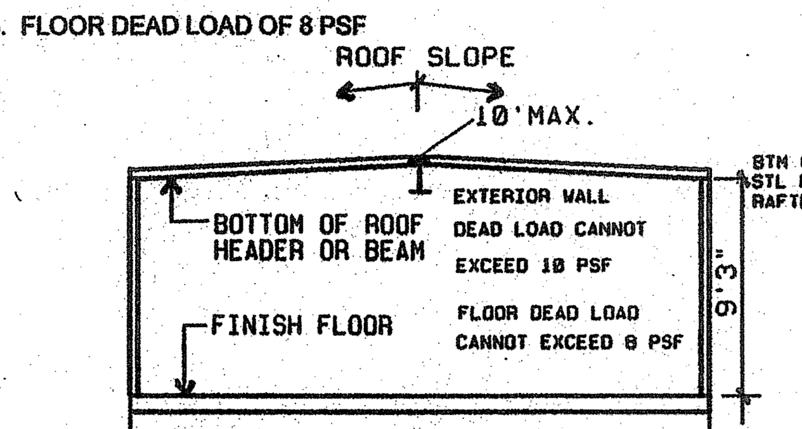
FLOOD DESIGN DATA: Project is not located in a flood zone.

LIMITATIONS FOUNDATION PC ONLY:

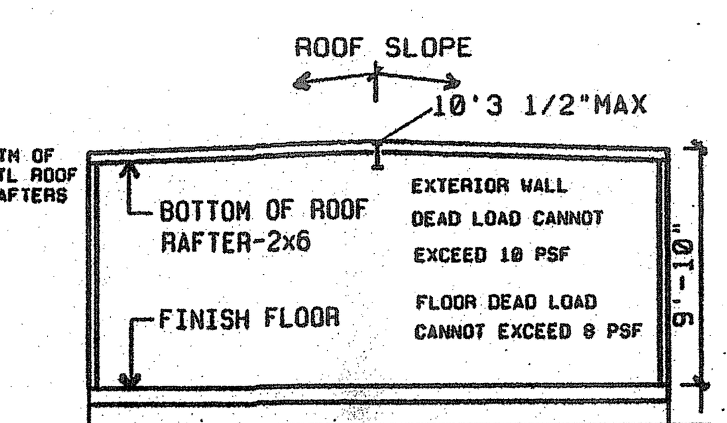
FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

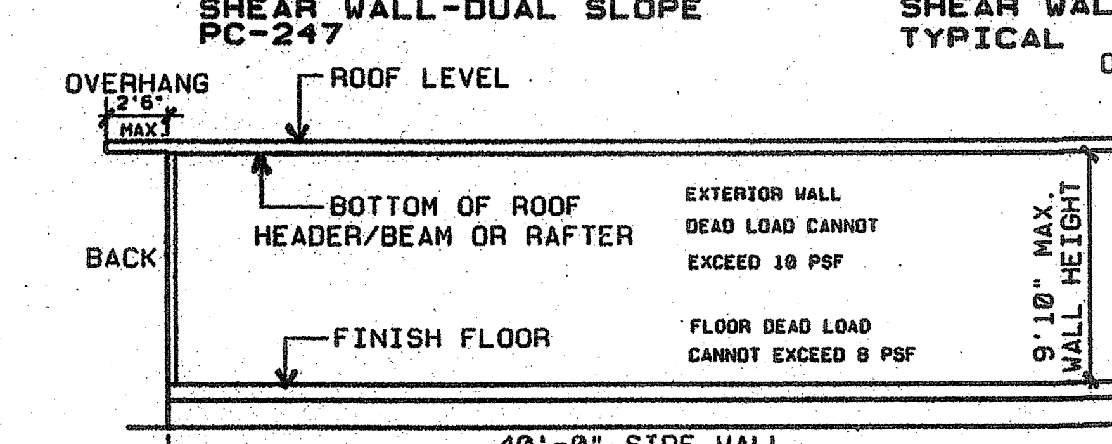
1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF



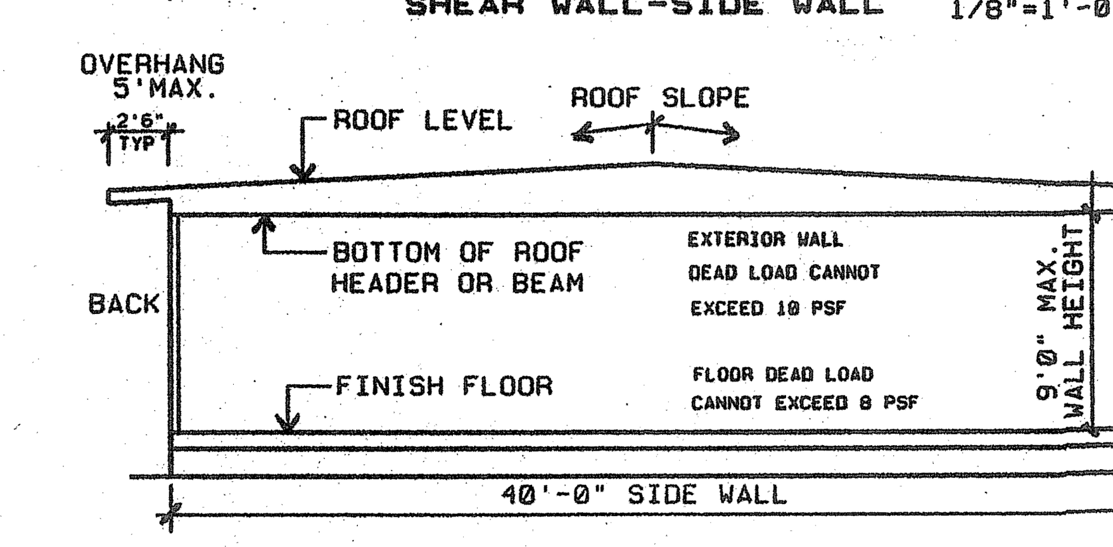
SHEAR WALL-DUAL SLOPE PC-247



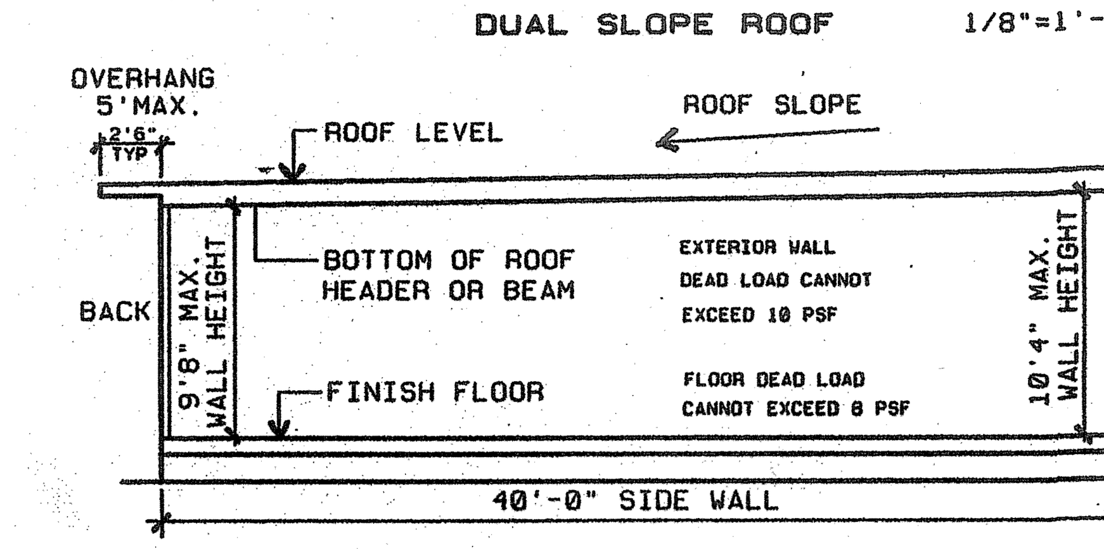
SHEAR WALL-DUAL SLOPE TYPICAL



SHEAR WALL-SIDE WALL 1/8"=1'-0"



DUAL SLOPE ROOF 1/8"=1'-0"



MONO SLOPE ROOF 1/8"=1'-0"

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 01	52513	46750-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 05	52515	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 04	52516	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 77	67970	PC 247	11-10-1997	24 x 40	50#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# /**50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	36 x 40	70#	MODTECH
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-106-419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113418	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH

REVISED 1/29/15

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
DATE JAN 29 2015
ACS: D. FERLANSON
FLS: D. FENLASON
SSS: EWU

DATE SIGNED SEP 30 2014

DATE SIGNED JAN 28 2015

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
DATE: OCT 08 2014
ACS: D. FENLASON
FLS: D. FENLASON
SS: P. LOONEY

STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

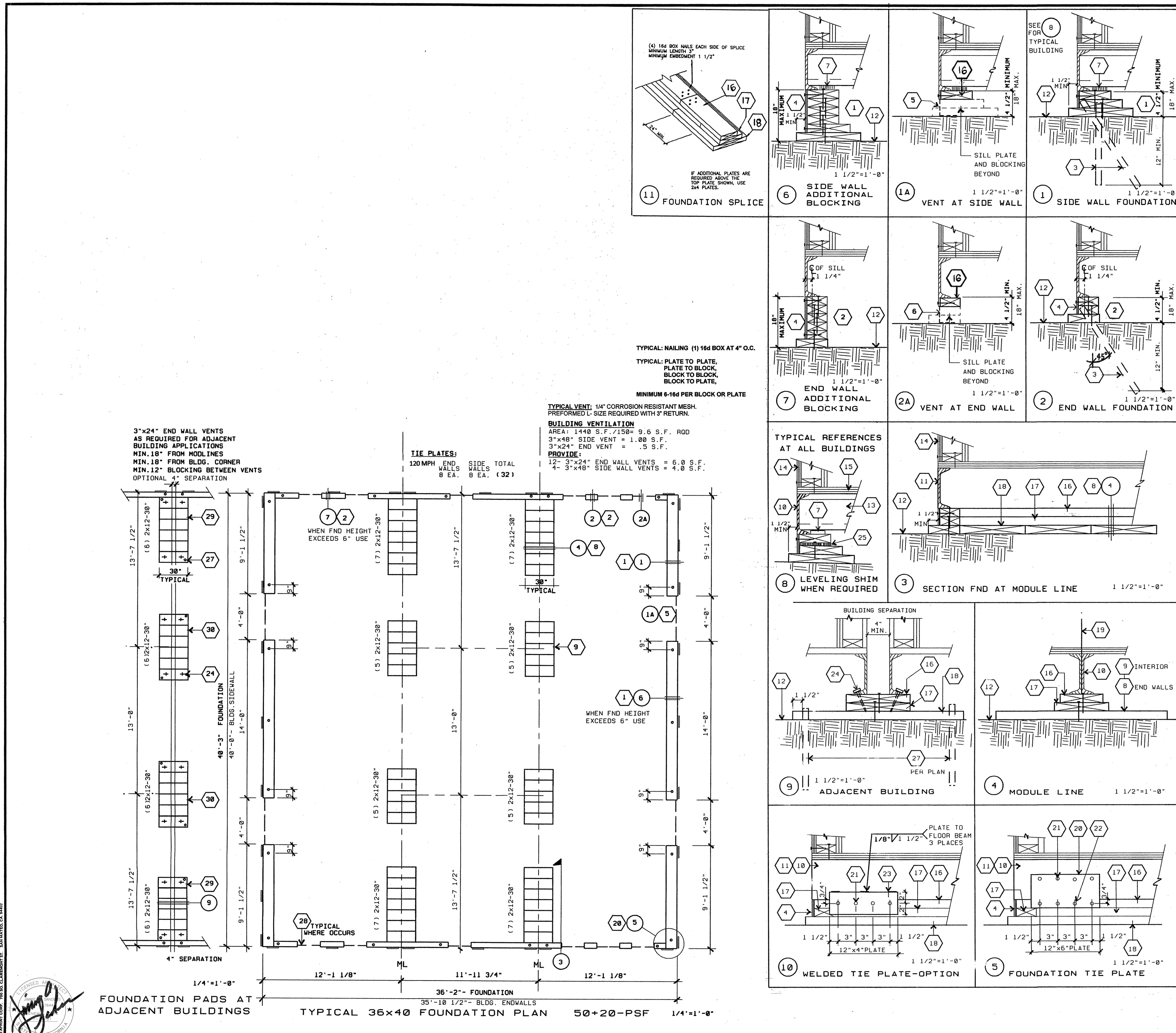
REVISIONS | BY
1 JAN 2015 | CLS
ADD STKP 130/131 FOUNDATION ... NOTE @ SHEET C1.0

CLASS LEASING LLC

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, LLC, PC FOUNDATION PLANS AND DETAILS STOCKPILE CLASSROOMS RELOCATION

DATE 09-29-2014
SCALE
DRAWN LAM-CLLS
JOB
SHEET F1.0-5



KEY NOTES 36x40-50+20 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (7) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (5) 2x12x30" (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x10 GA

21 PLATE ANCHOR: 4 -1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4 -1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4"x 10 GA

24 BUILDING ANCHORAGE: 8- 5/8"x4" LAGS SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6)-10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A **WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC / FLS / SS
DATE OCT 0 8 2014

36x40 - 50+20 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS	BY

CLASS LEASING LLC

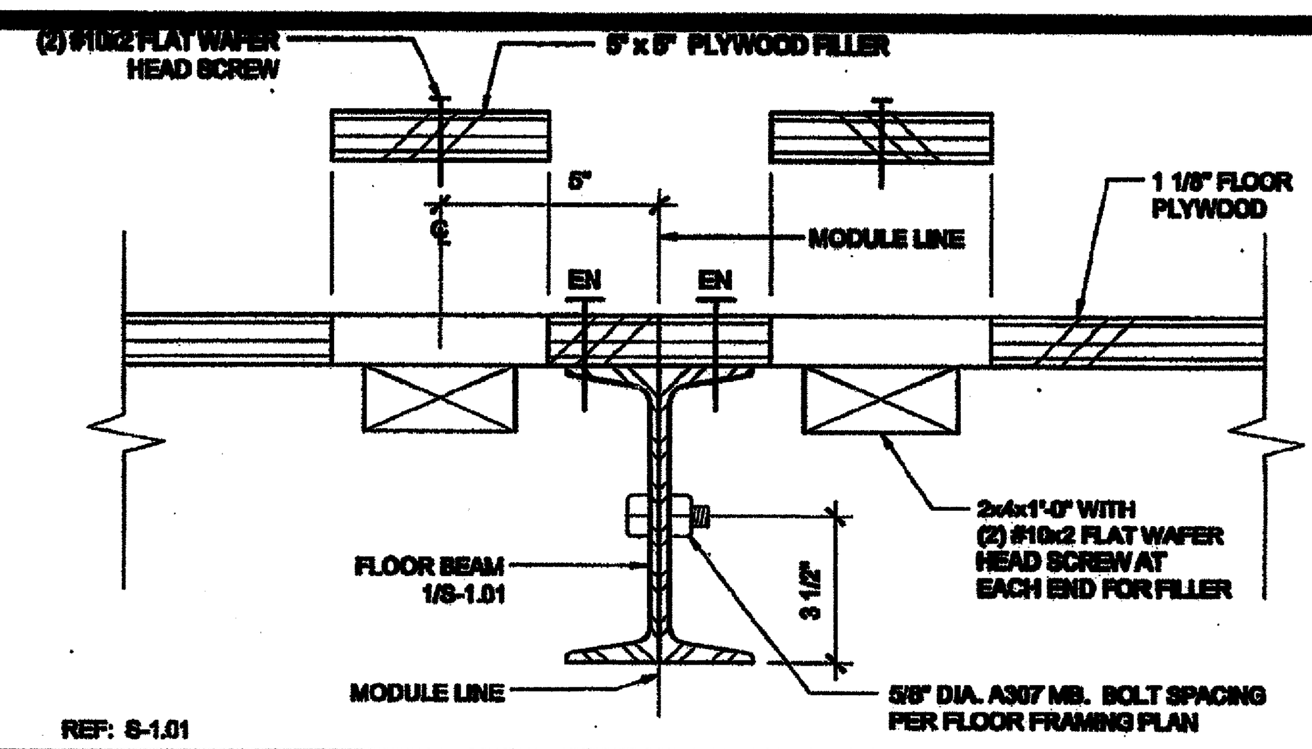
Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
36x40 - 50+20 PSF RELOCATION
FOUNDATION PLAN & DETAILS

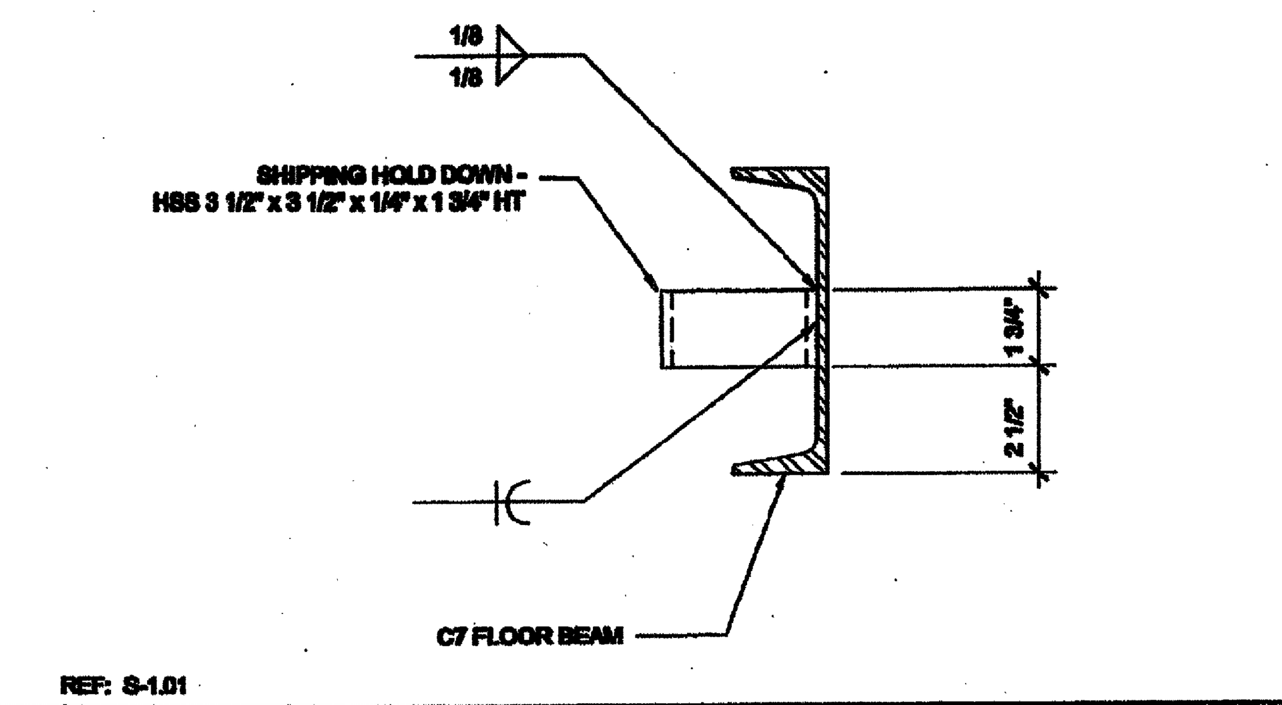
DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	36x40 50+20 PSF
SHEET	F3.1-5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

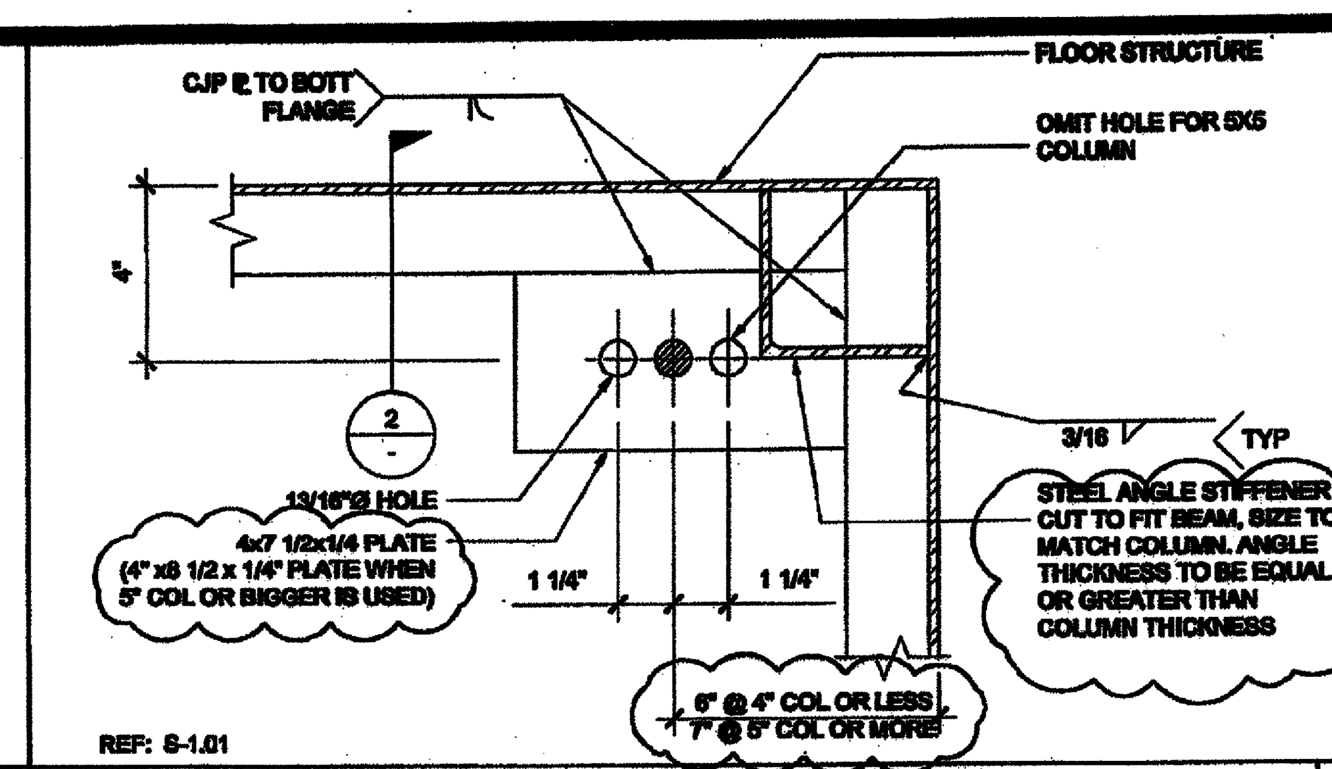
16



11 MODULE LINE - BOLTED CONNECTION SCALE: 3" = 1'-0"

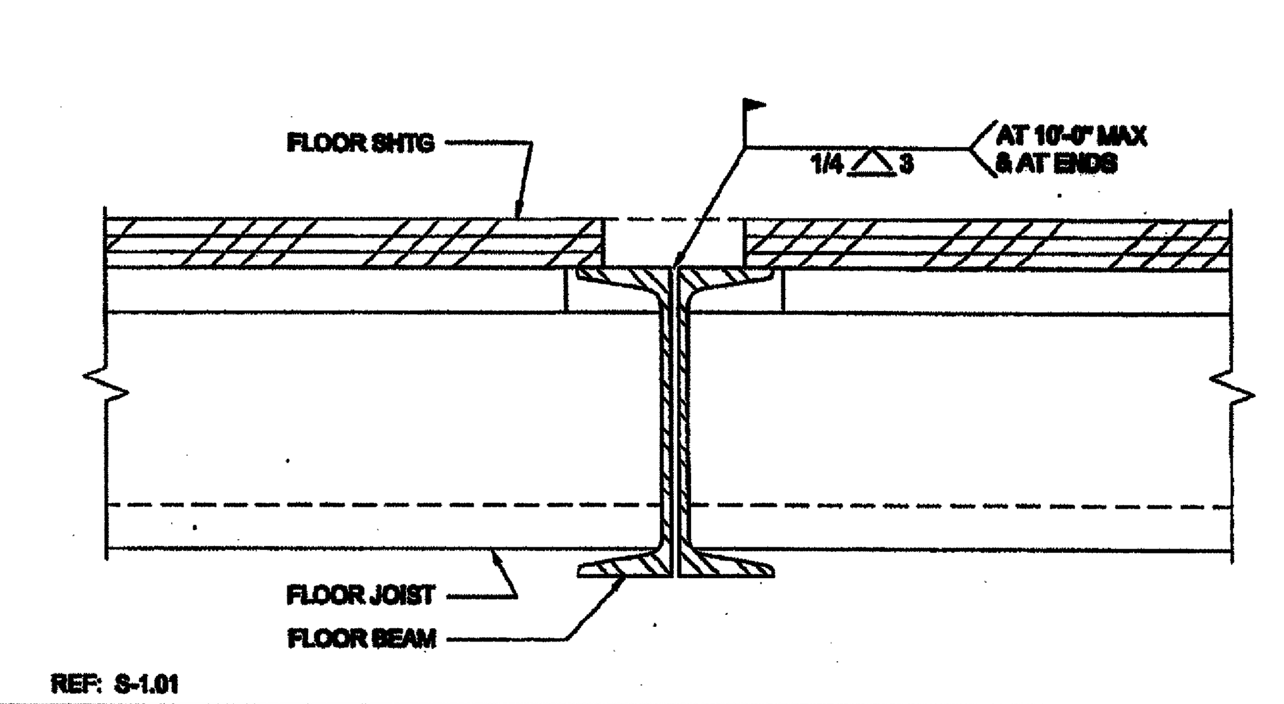


6 SHIPPING HOLD DOWN DETAIL SCALE: 3" = 1'-0"

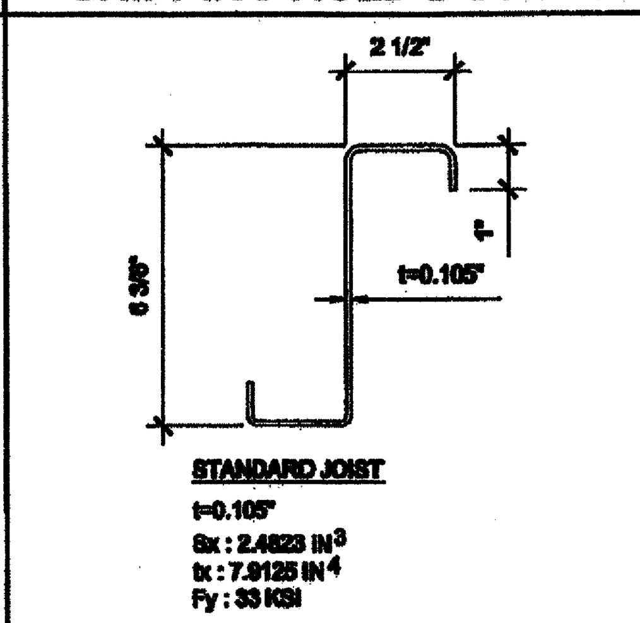


1 CORNER ANCHOR PLATE SCALE: 3" = 1'-0"

17

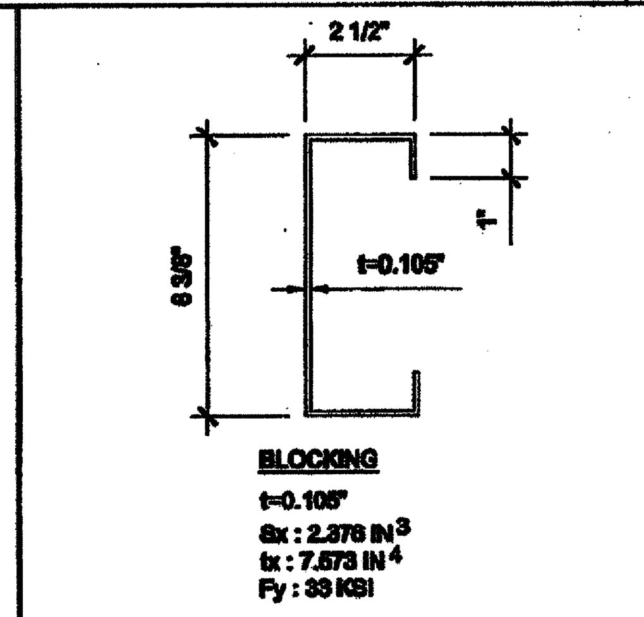


12 MODULE LINE CONNECTION (OPTION 1) SCALE: 3" = 1'-0"



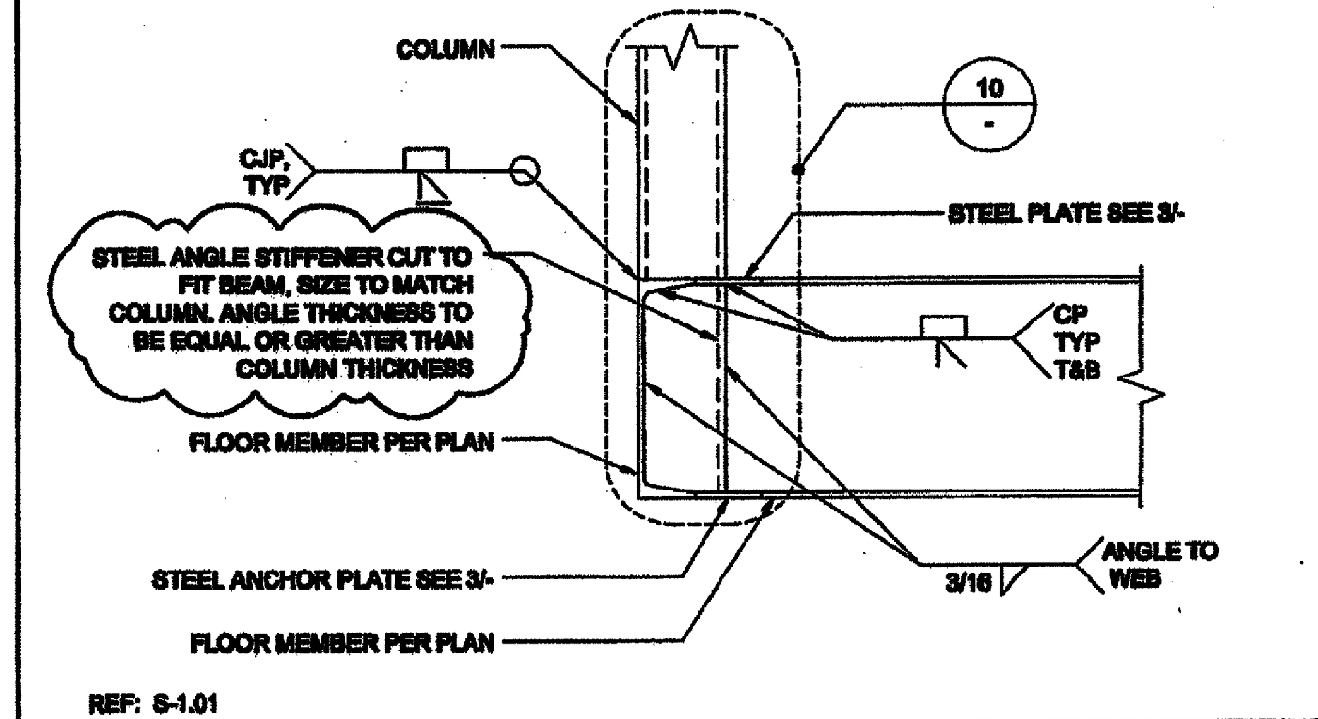
ASTM A-1011, GRADE 33

7B FLOOR JOIST SCALE: 3" = 1'-0"



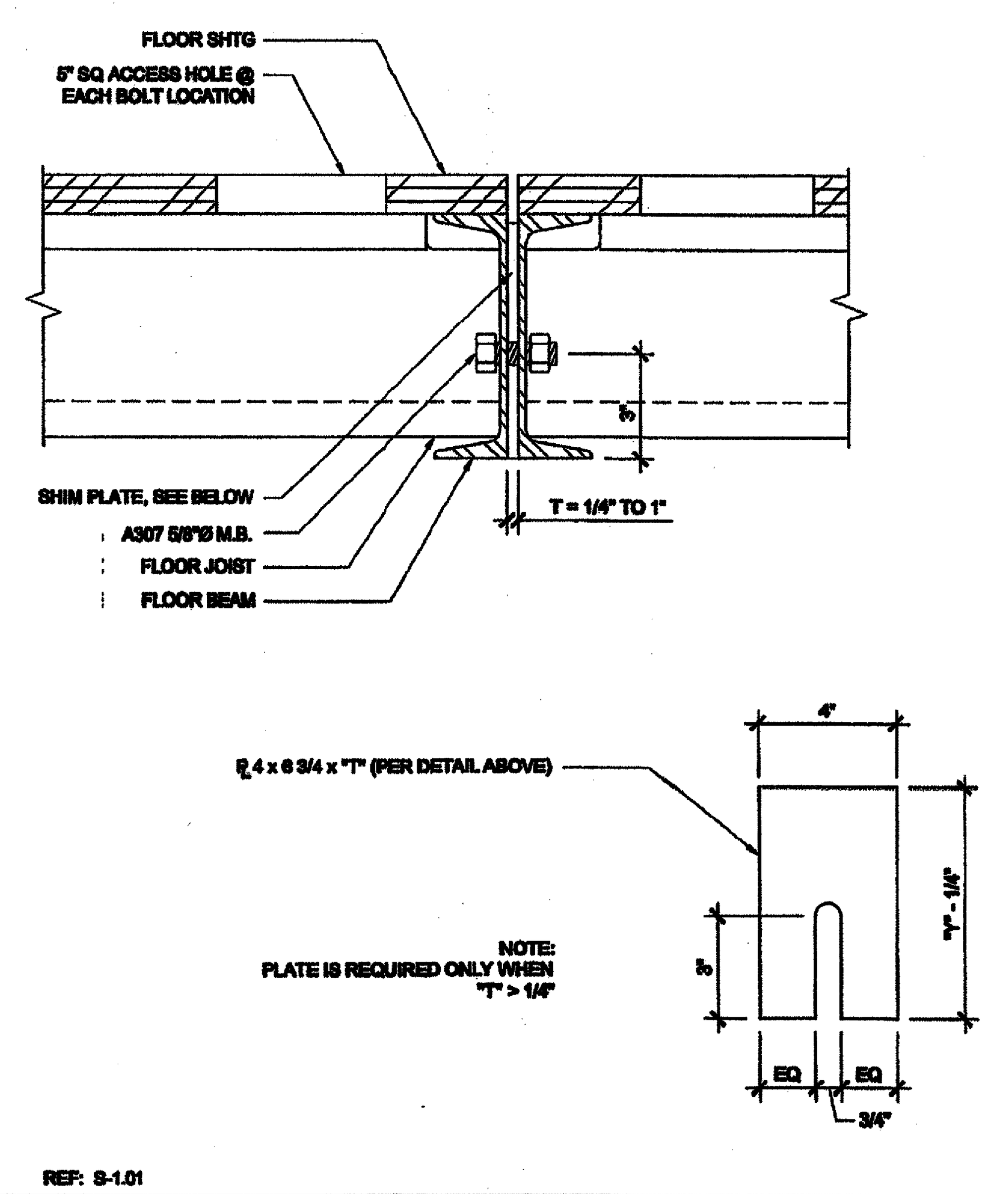
ASTM A-1011, GRADE 33

7A BLOCKING SCALE: 3" = 1'-0"

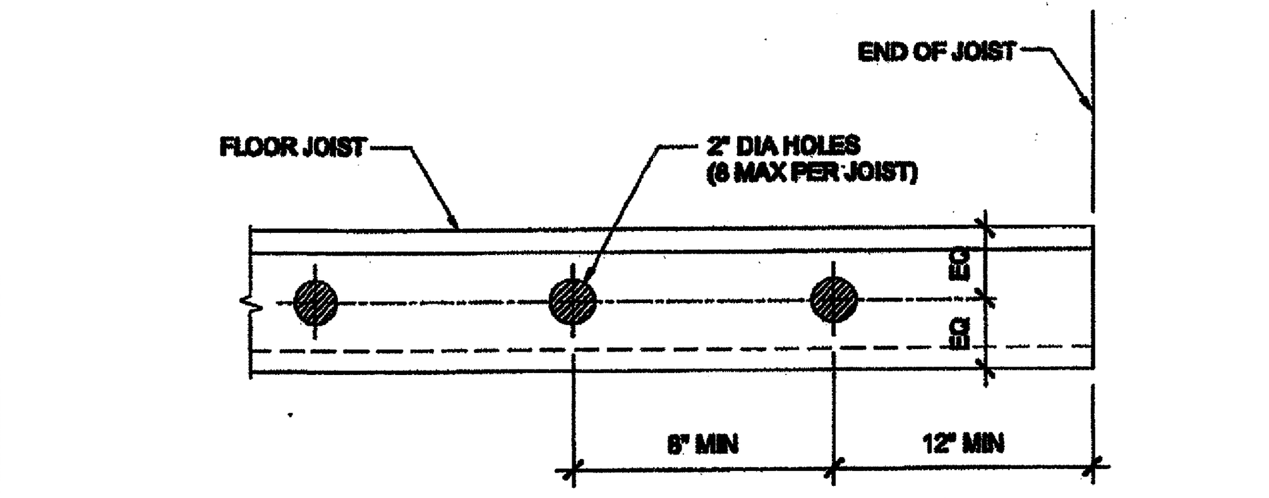


2 FLOOR BEAM TO COLUMN CONNECTION SCALE: 1 1/2" = 1'-0"

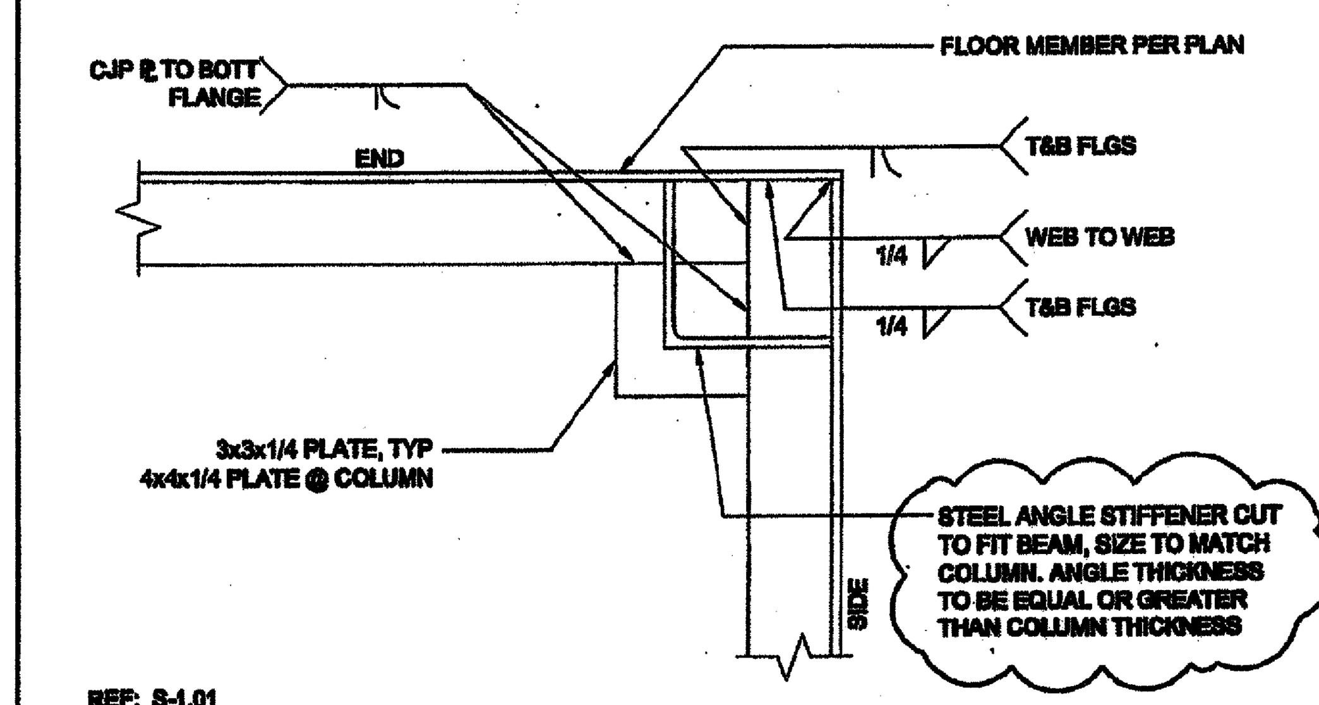
18



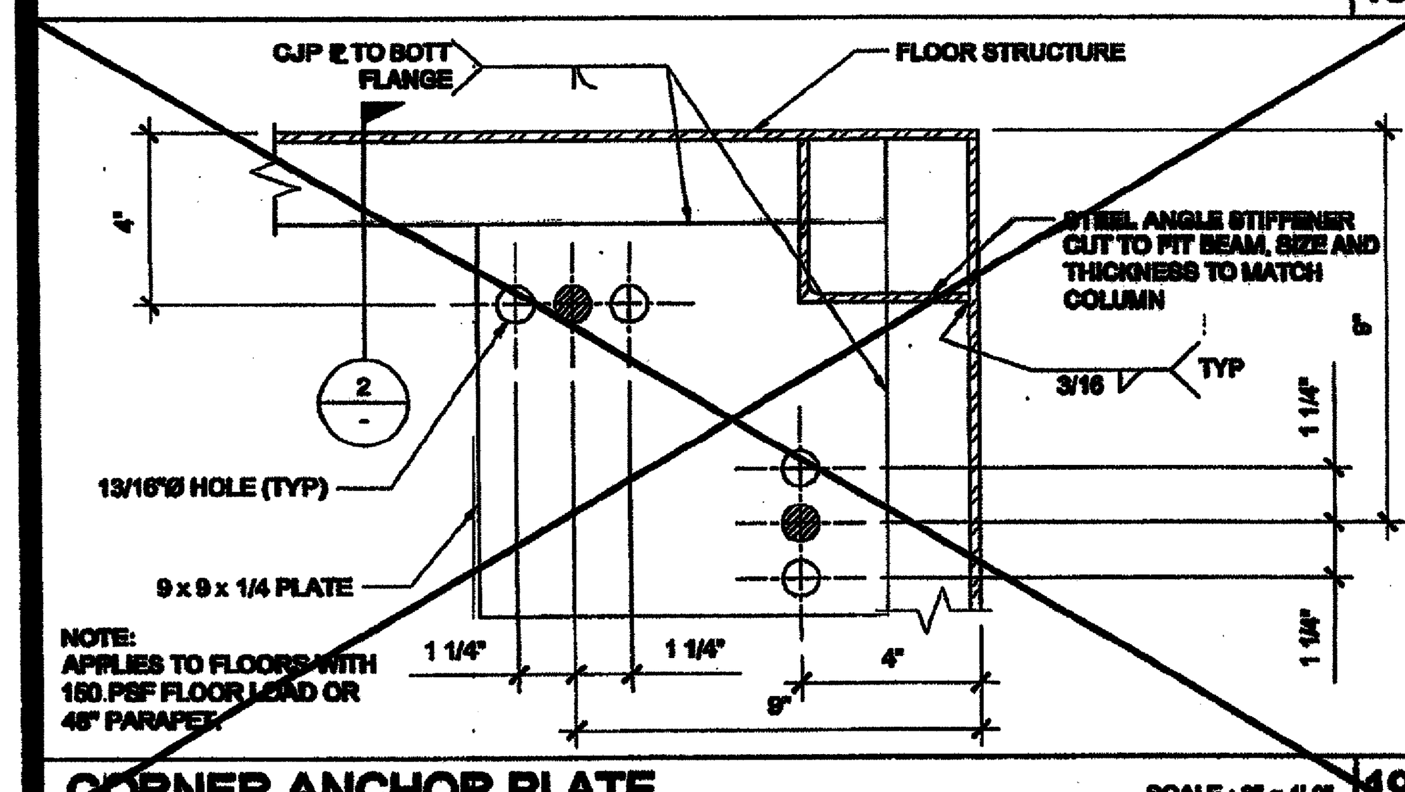
14 MODULE LINE CONNECTION (OPTION 2) SCALE: 3" = 1'-0"



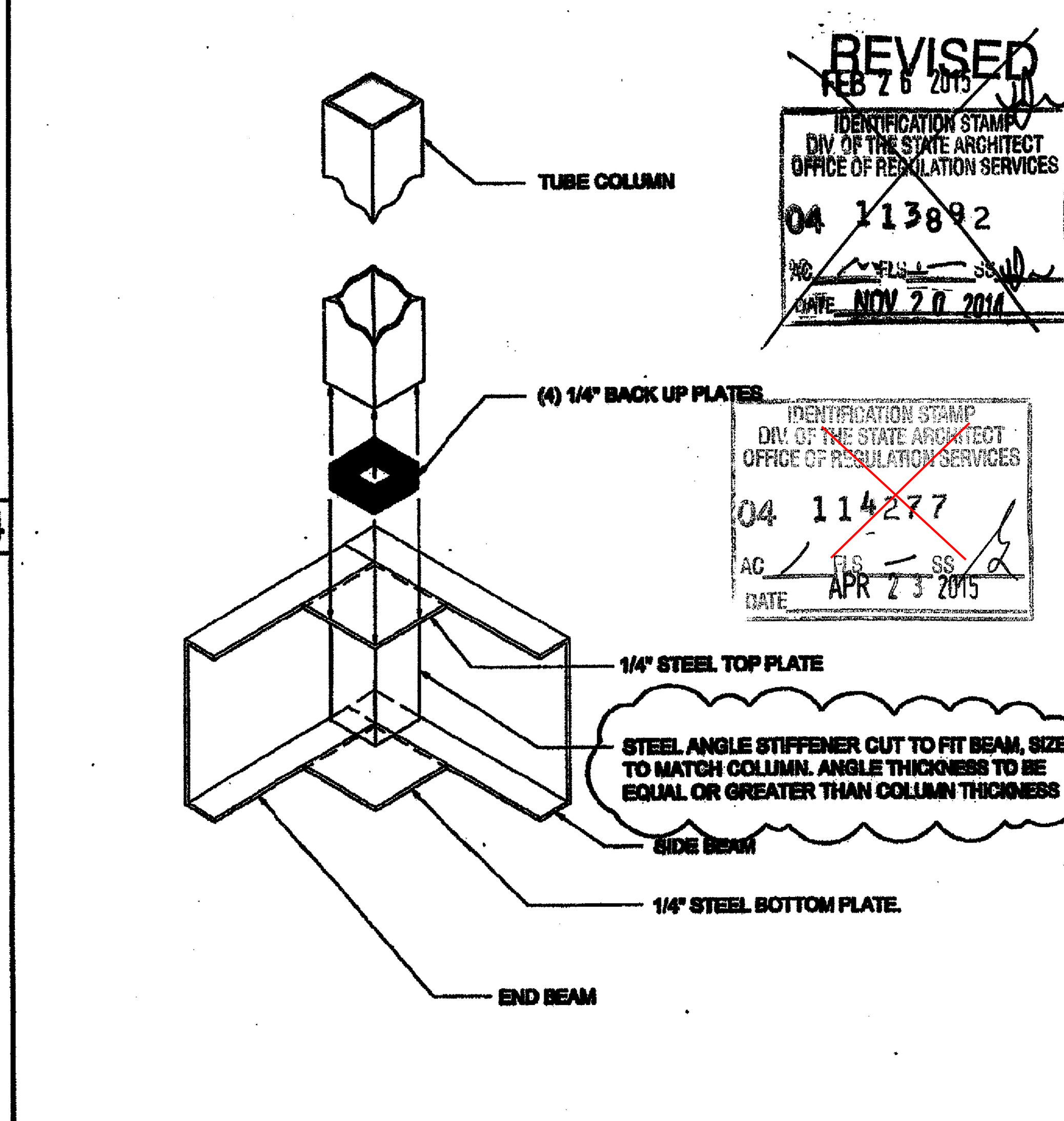
8 FLOOR JOIST HOLES (OPTIONAL) SCALE: 1/8" = 1'-0"



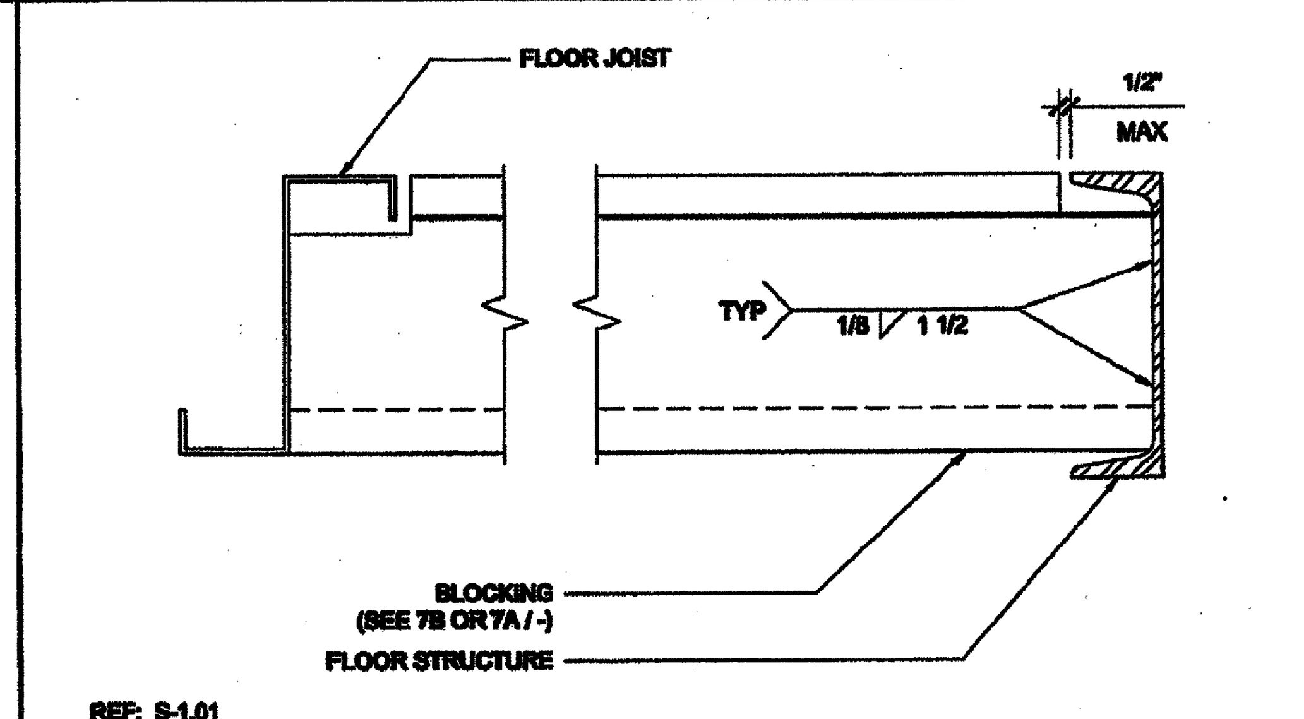
3 ANCHOR PLATE SCALE: 3" = 1'-0"



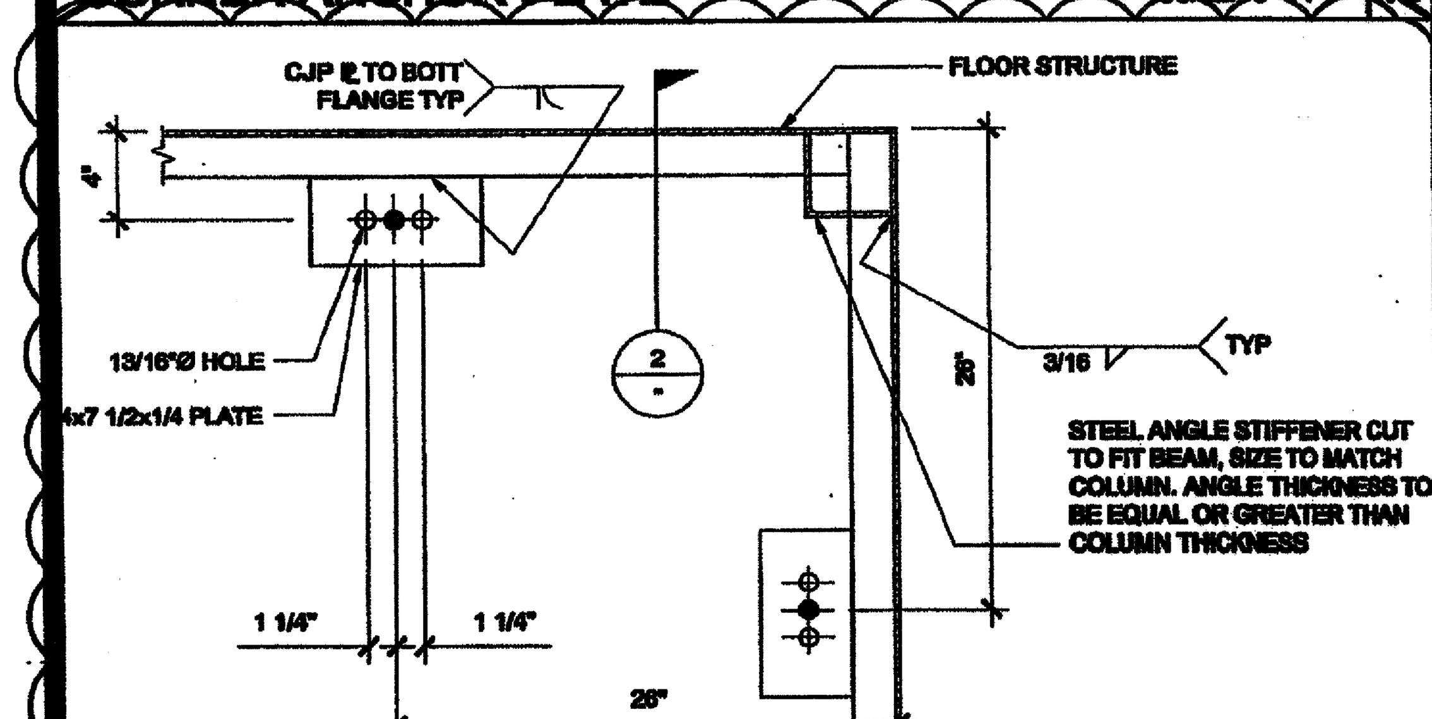
~~CORNER ANCHOR PLATE~~ 19



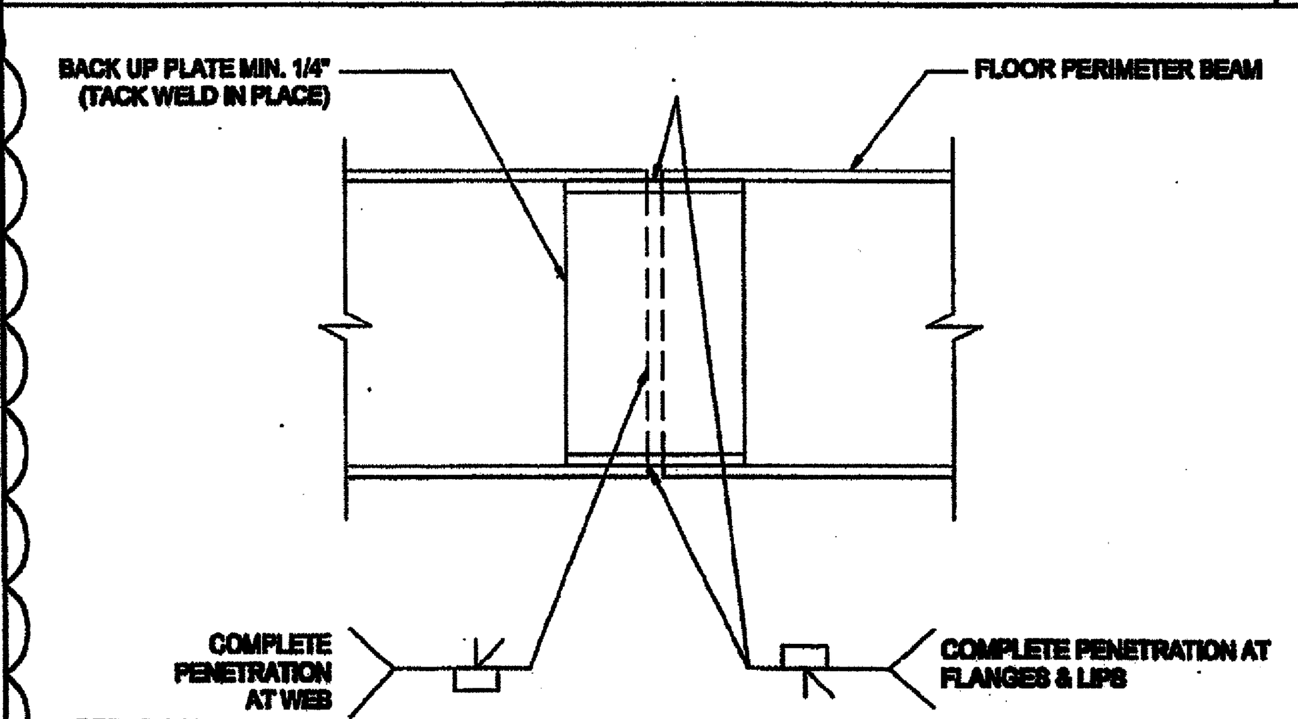
10 COLUMN CONNECTION AT FLOOR SCALE: NTS



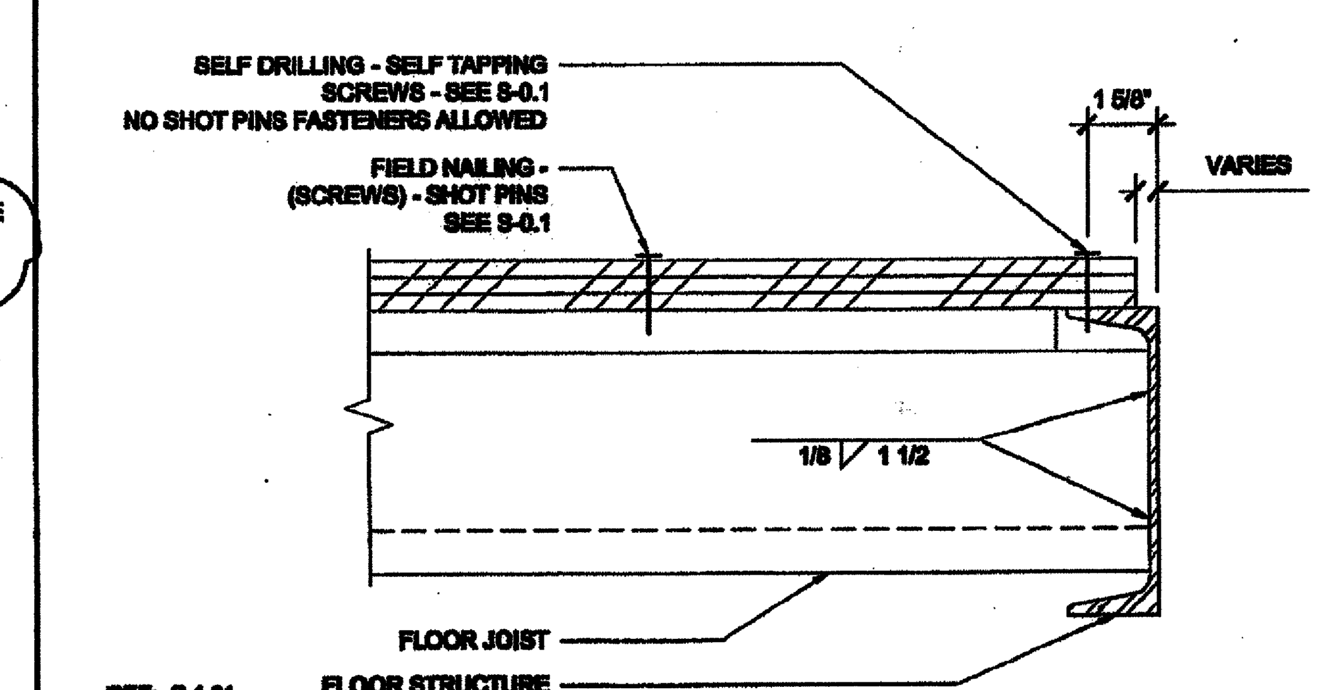
4 BLOCKING TO END BEAM SCALE: 3" = 1'-0"



20 CORNER ANCHOR PLATE SCALE: 3" = 1'-0"



15 FLOOR BEAM SPLICE SCALE: 3" = 1'-0"



5 JOIST TO SIDE BEAM SCALE: 3" = 1'-0"

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:

FLOOR FRAMING DETAILS

WOOD FLOOR

SEP 1 9 2012

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

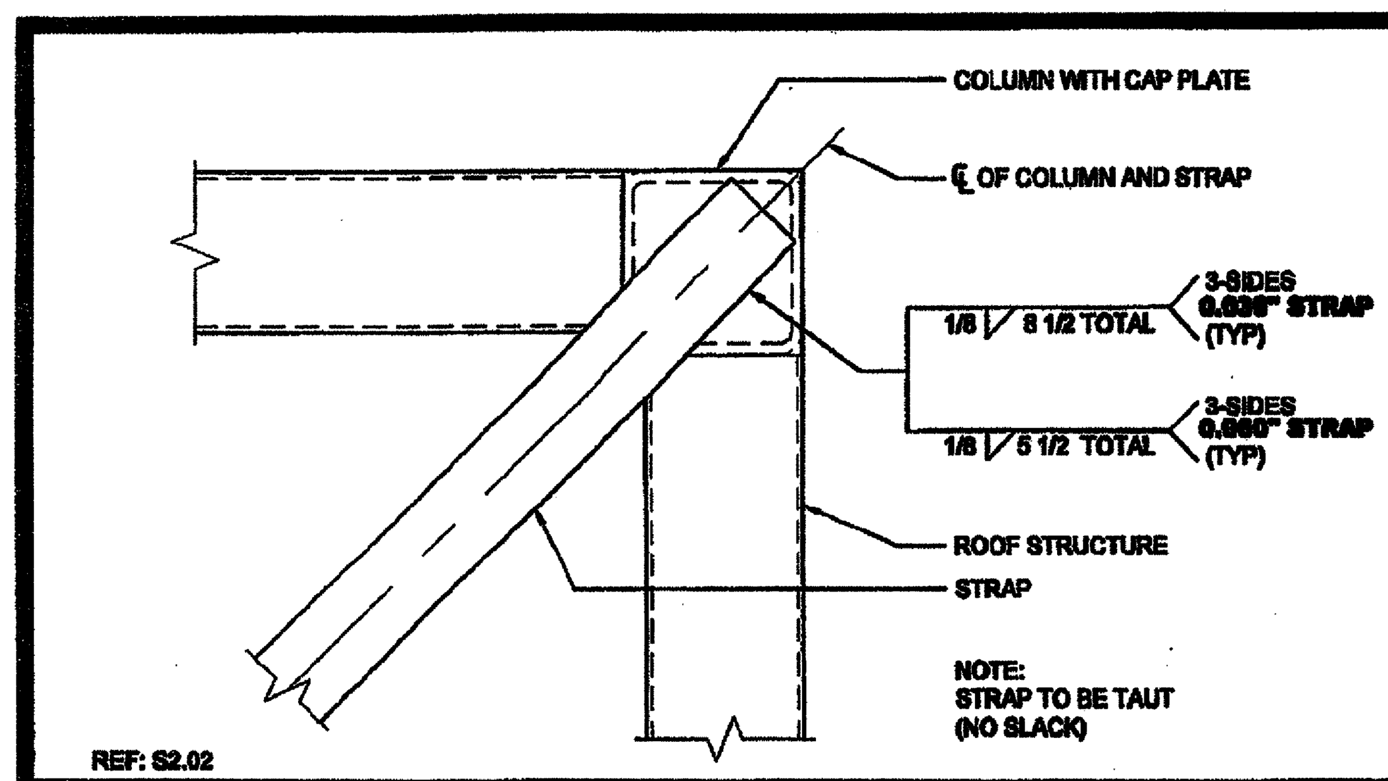
REVISED

REVISIONS

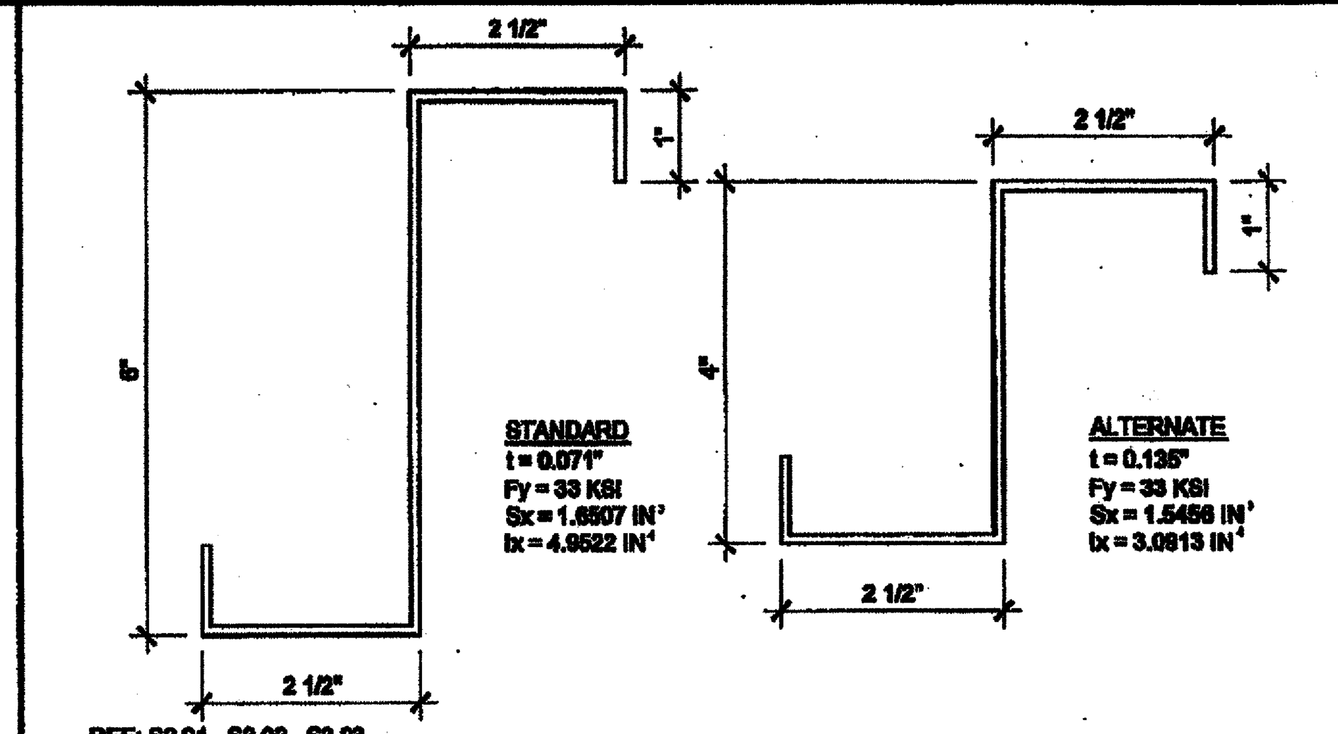
SILVER CREEK INDUSTRIES 24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-12-12
P.C. SHEET NUMBER	

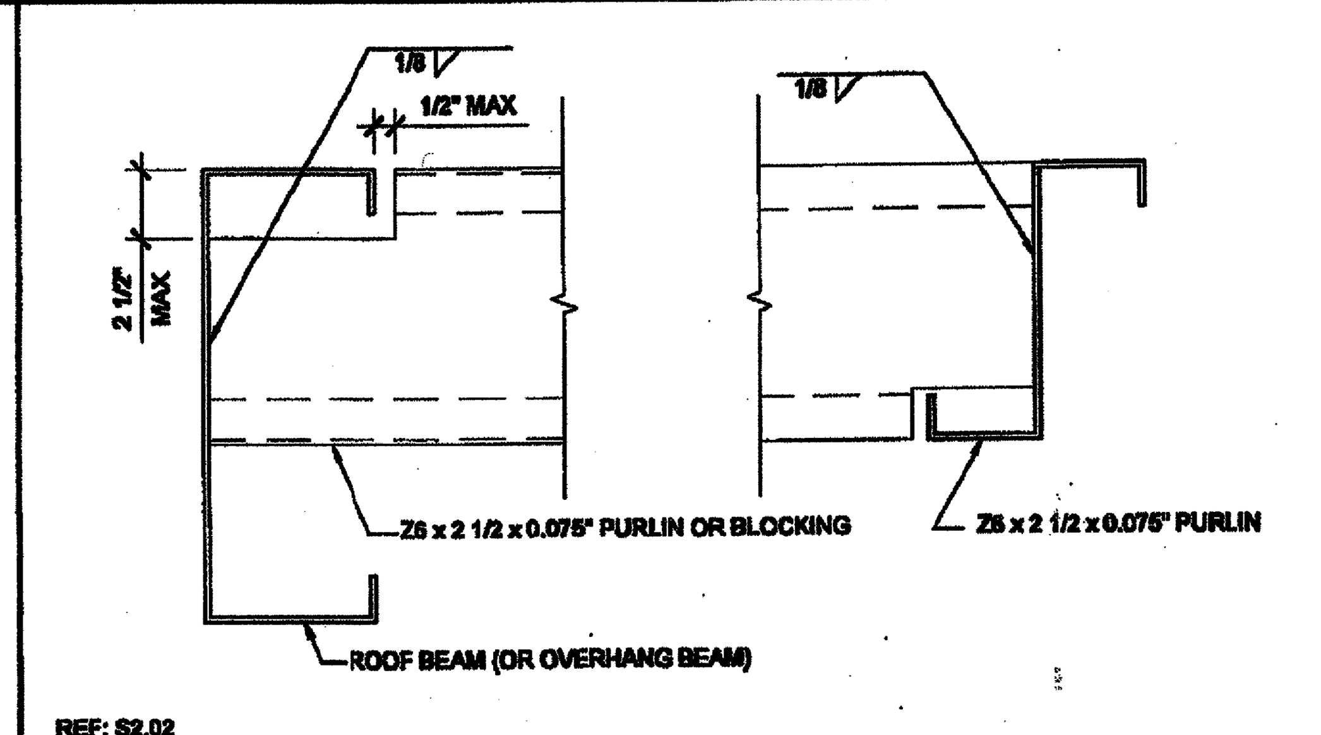
S-1.50-5 STKP 140



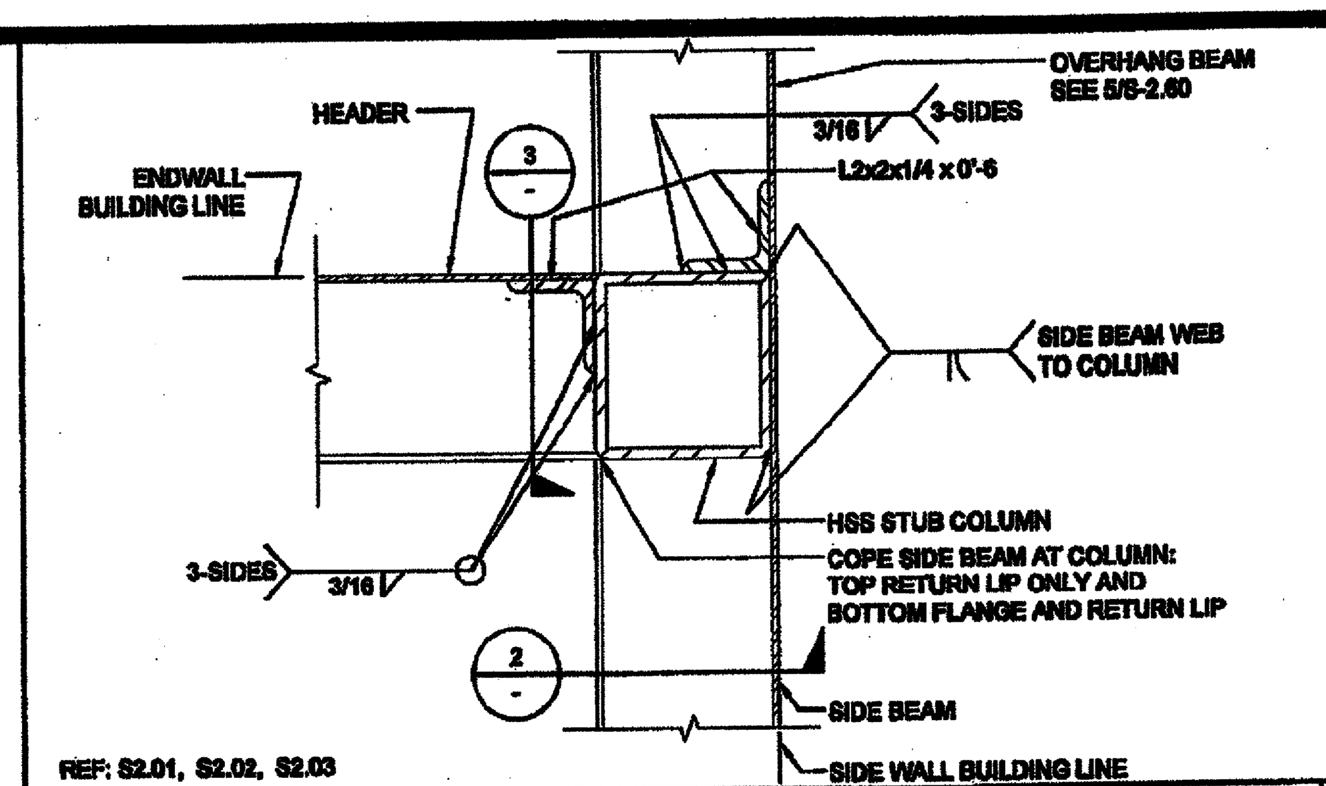
ROOF BRACING STRAP @ END WALL SCALE: 3"=1'-0" 16



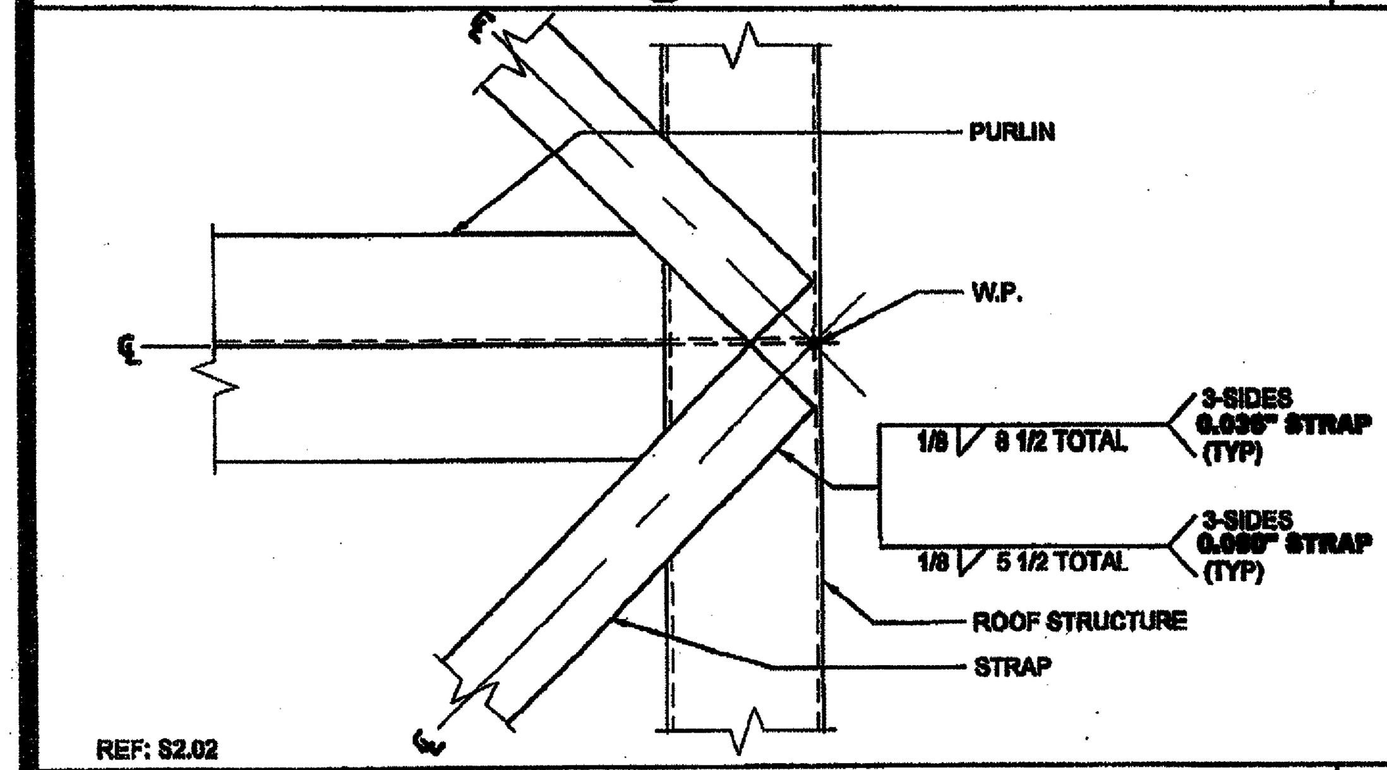
ROOF PURLIN SCALE: 6"=1'-0" 11



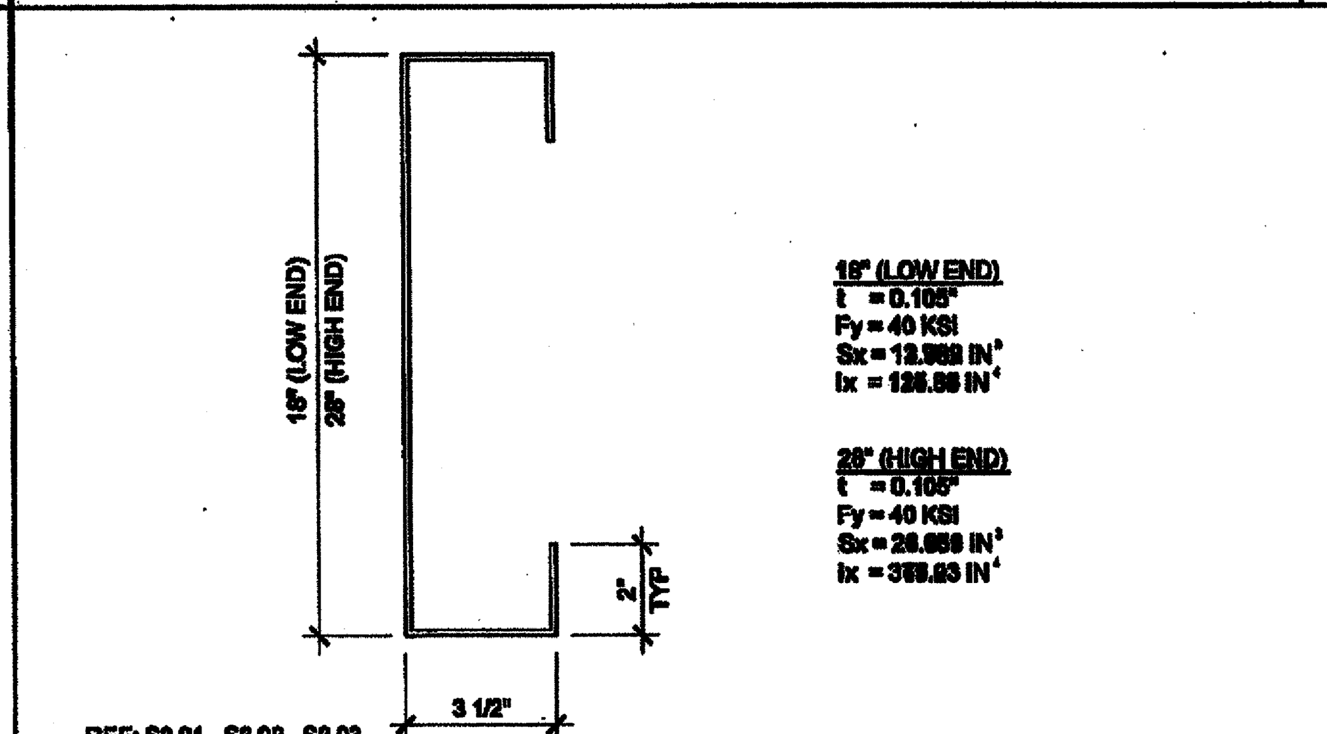
PURLIN CONNECTION DETAIL SCALE: 3" = 1'-0" 6



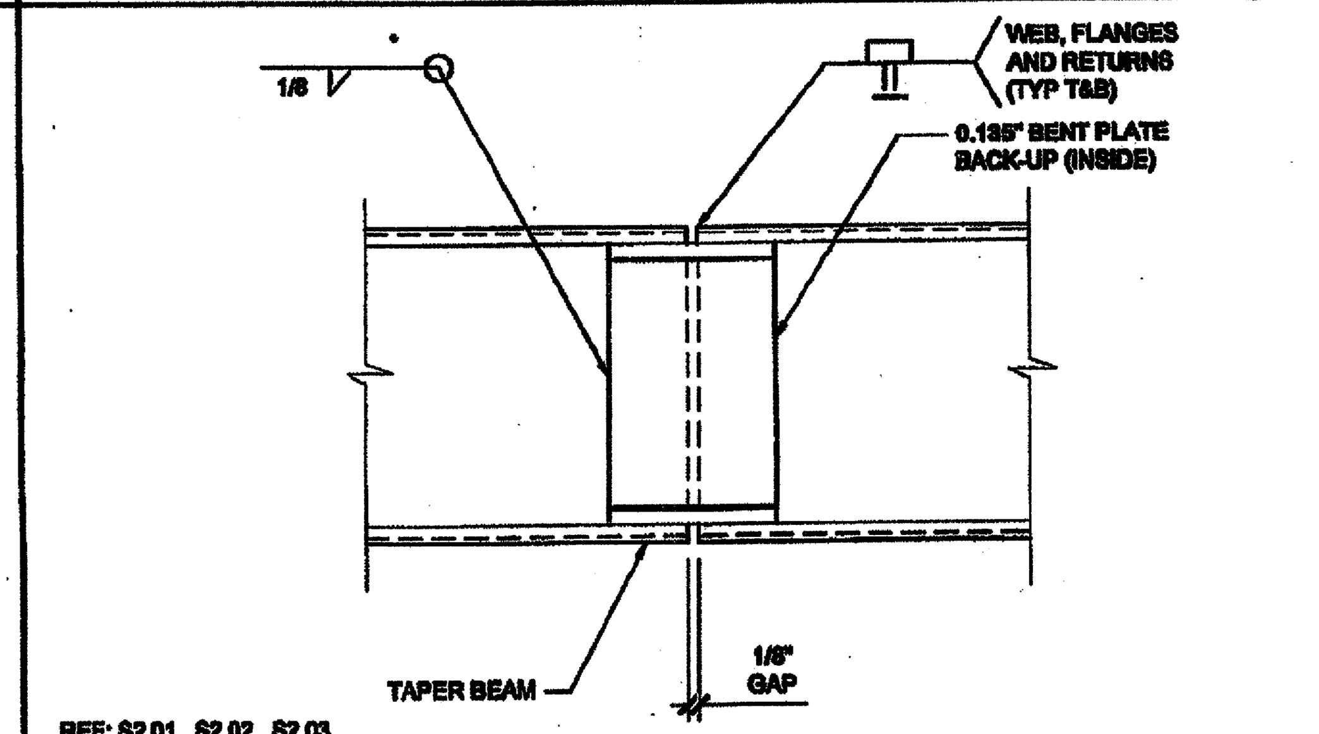
COLUMN AT ROOF - PLAN SCALE: 3" = 1'-0" 1



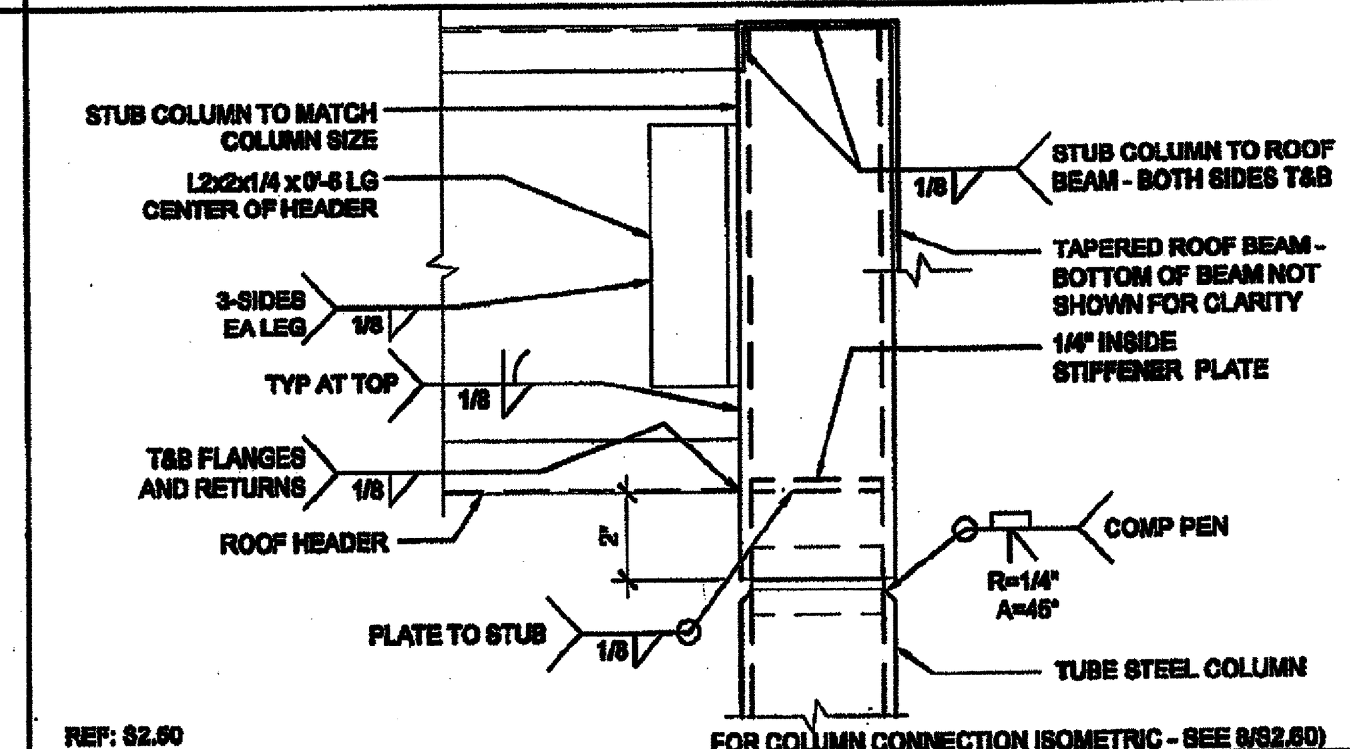
ROOF BRACING STRAP @ SIDE WALL SCALE: 3"=1'-0" 17



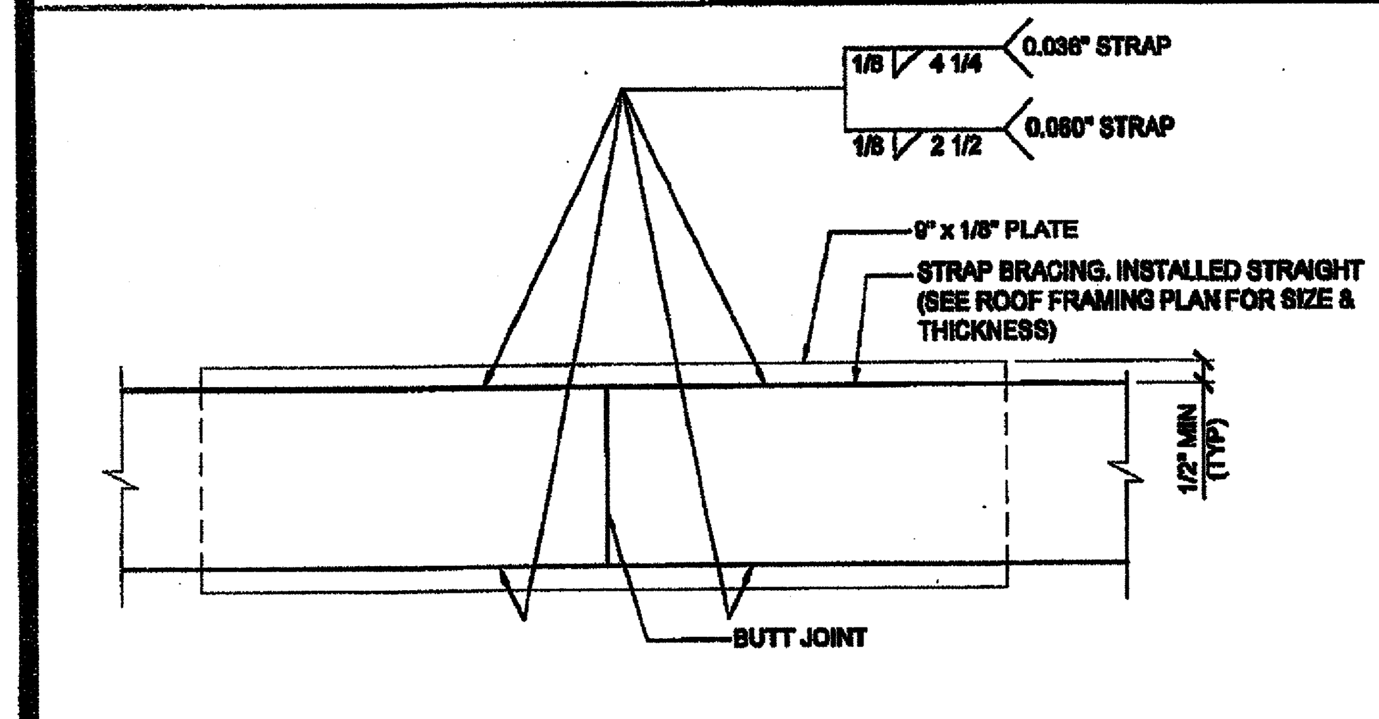
ROOF HEADER SCALE: NTS 12



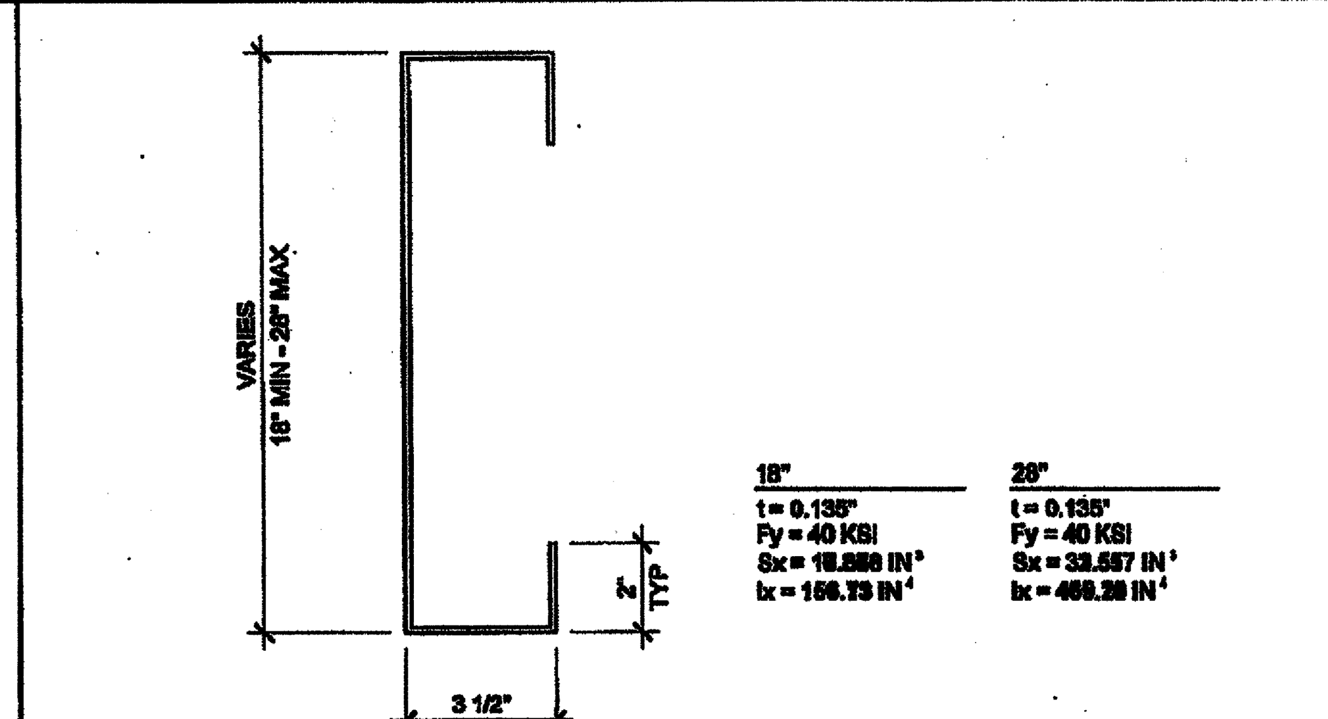
BEAM SPLICE SCALE: 3" = 1'-0" 7



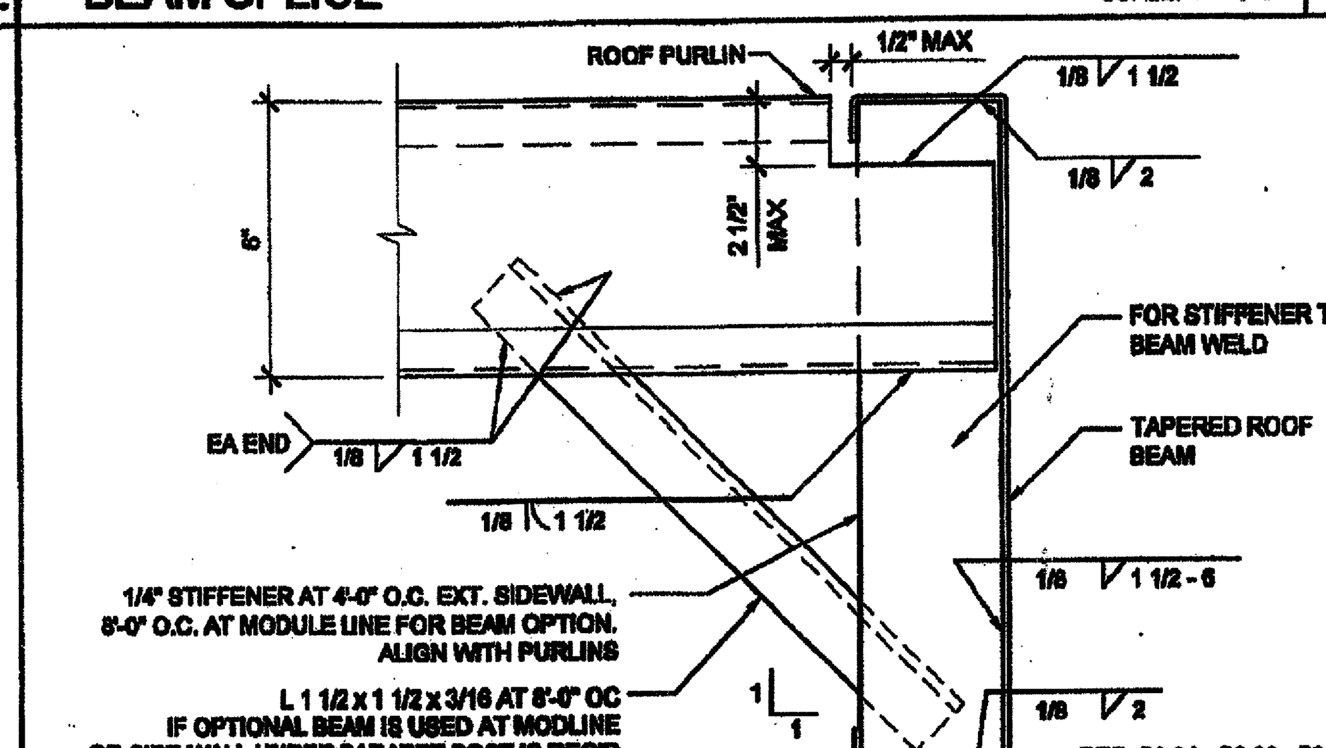
COLUMN AT ROOF - SECTION SCALE: 3" = 1'-0" 2



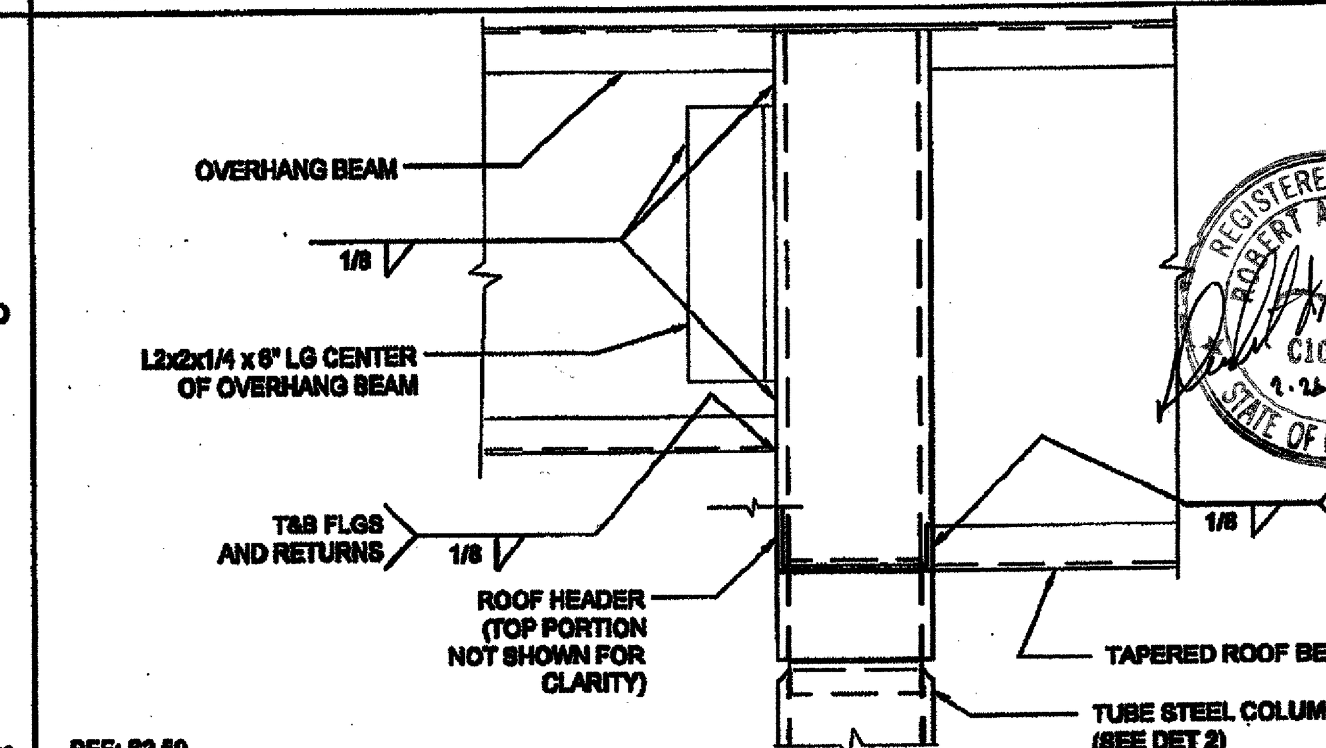
STRAP SPLICE DETAIL SCALE: 6" = 1'-0" 18



SIDE BEAM SCALE: NTS 13

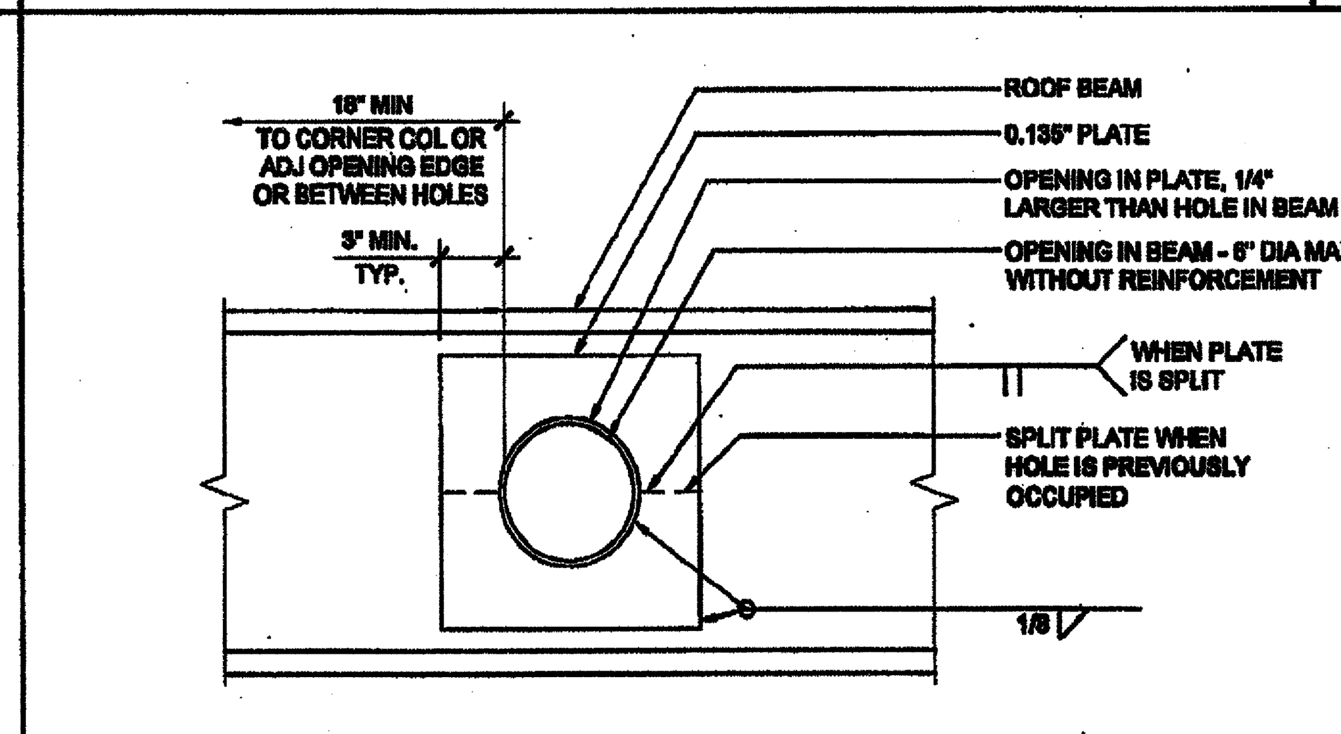


PURLIN TO ROOF BEAM @ STIFFENER SCALE: 3"=1'-0" 8

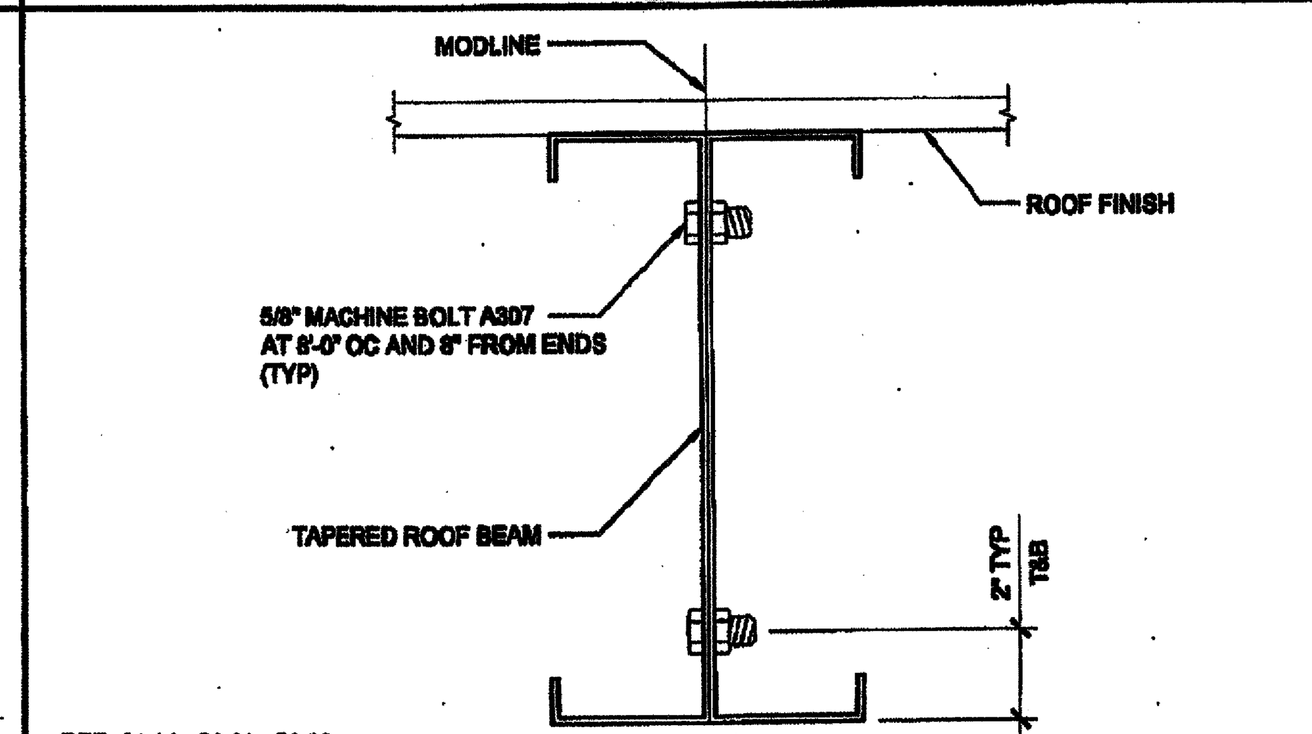


COLUMN AT ROOF OVERHANG SCALE: 3" = 1'-0" 3

19



SIDEWALL BEAM PENETRATION SCALE: 1 1/2"=1'-0" 14



MODULE CONNECTION AT ROOF (OPTION) SCALE: 3"=1'-0" 9

NOT USED 4

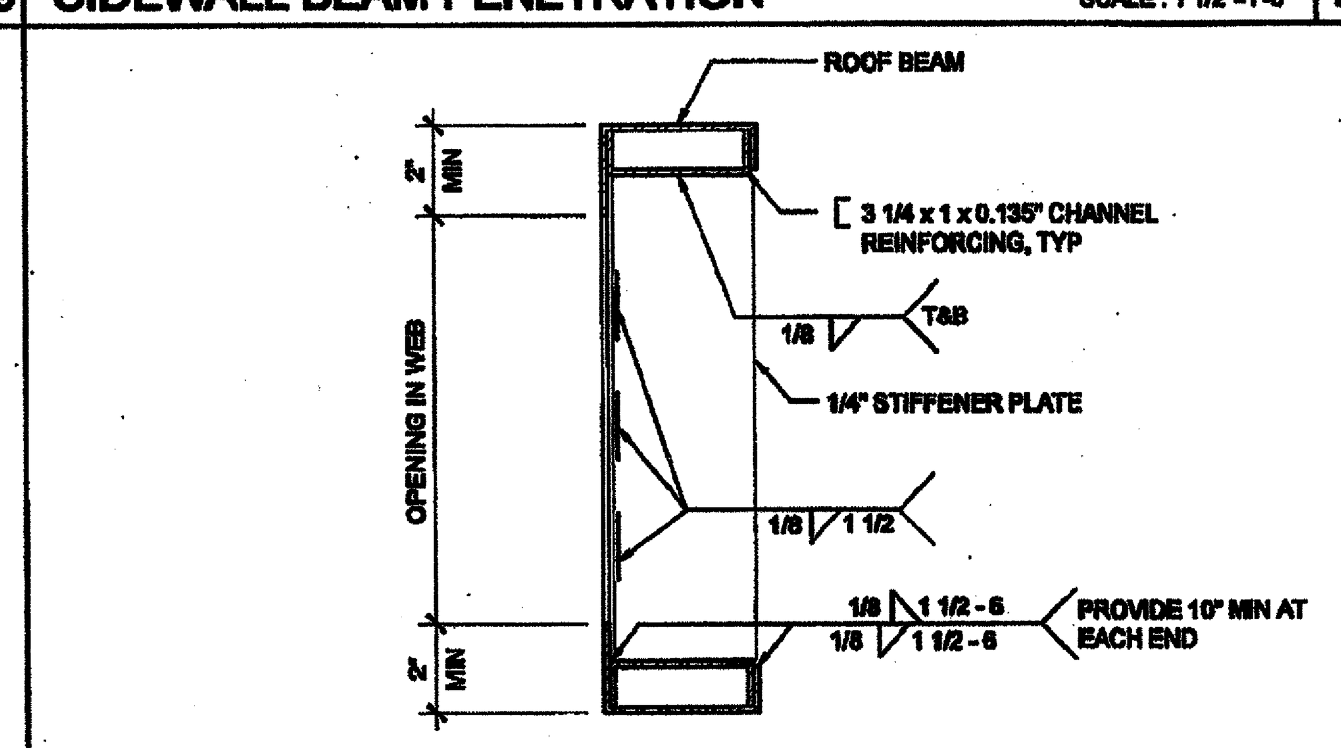
REVISED FEB 2 6 2015

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 114277 DATE APR 2 3 2015

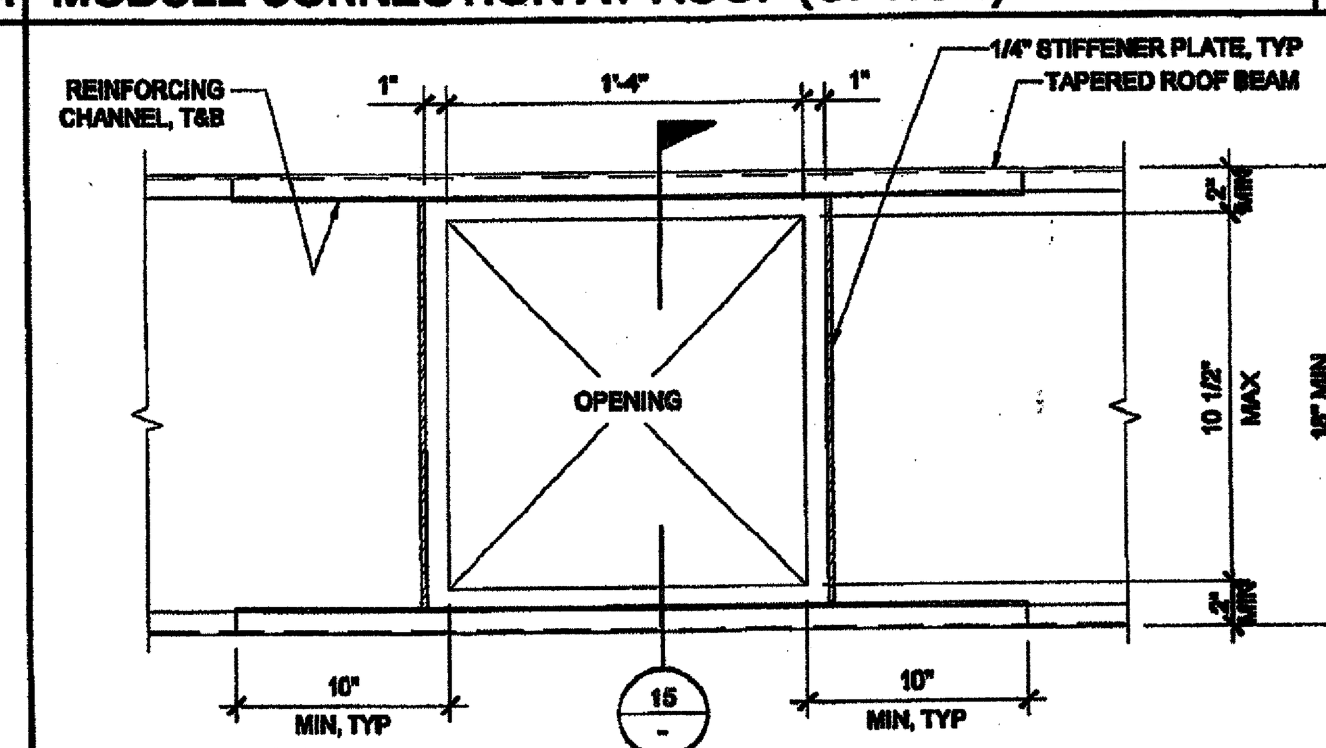
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 113892 DATE NOV 2 0 2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

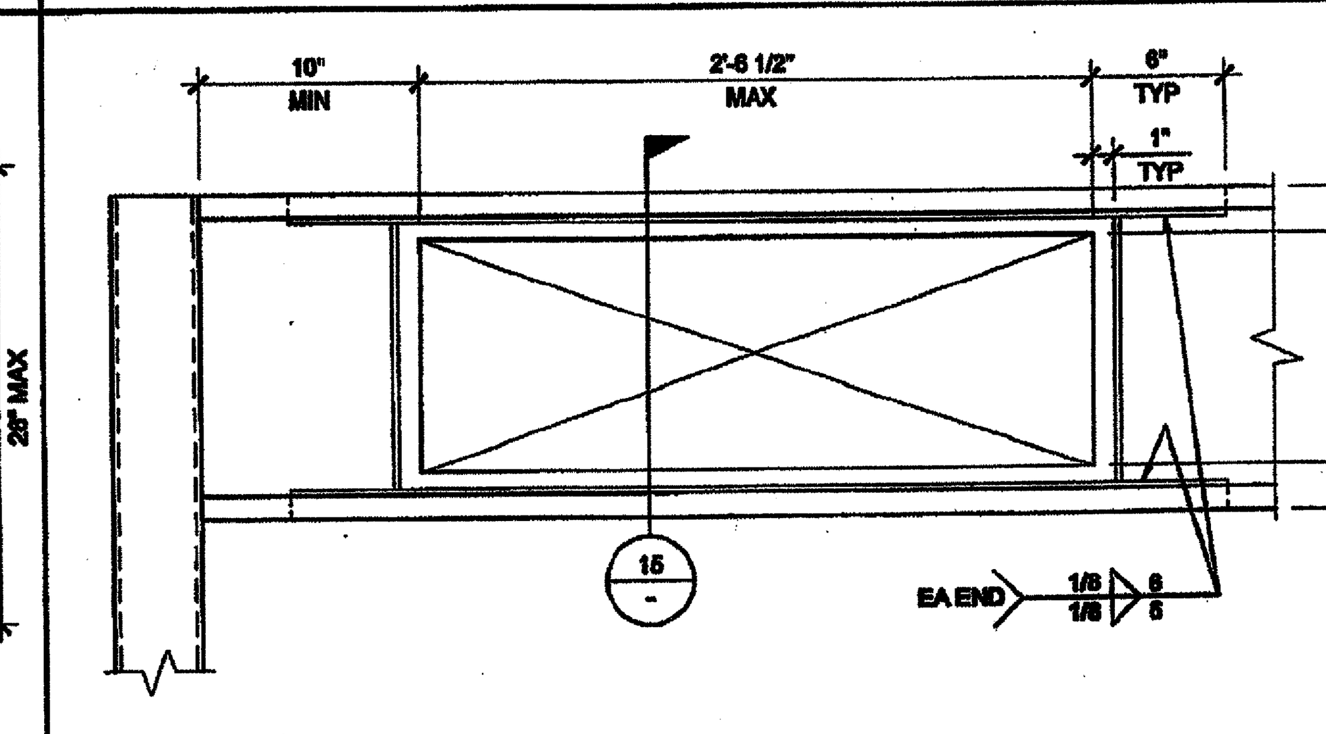
20



WEB OPENING AT ROOF BEAM (OPTION) SCALE: 3" = 1'-0" 15



OPENING AT ROOF BEAM (OPTION) SCALE: 1 1/2" = 1'-0" 10



OPENING AT HEADER SCALE: 1 1/2"=1'-0" 5

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:

ROOF FRAMING DETAILS
MONO SLOPE

TAVARES ASSOCIATES

12/23/2011

ARCHITECT OF RECORD

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

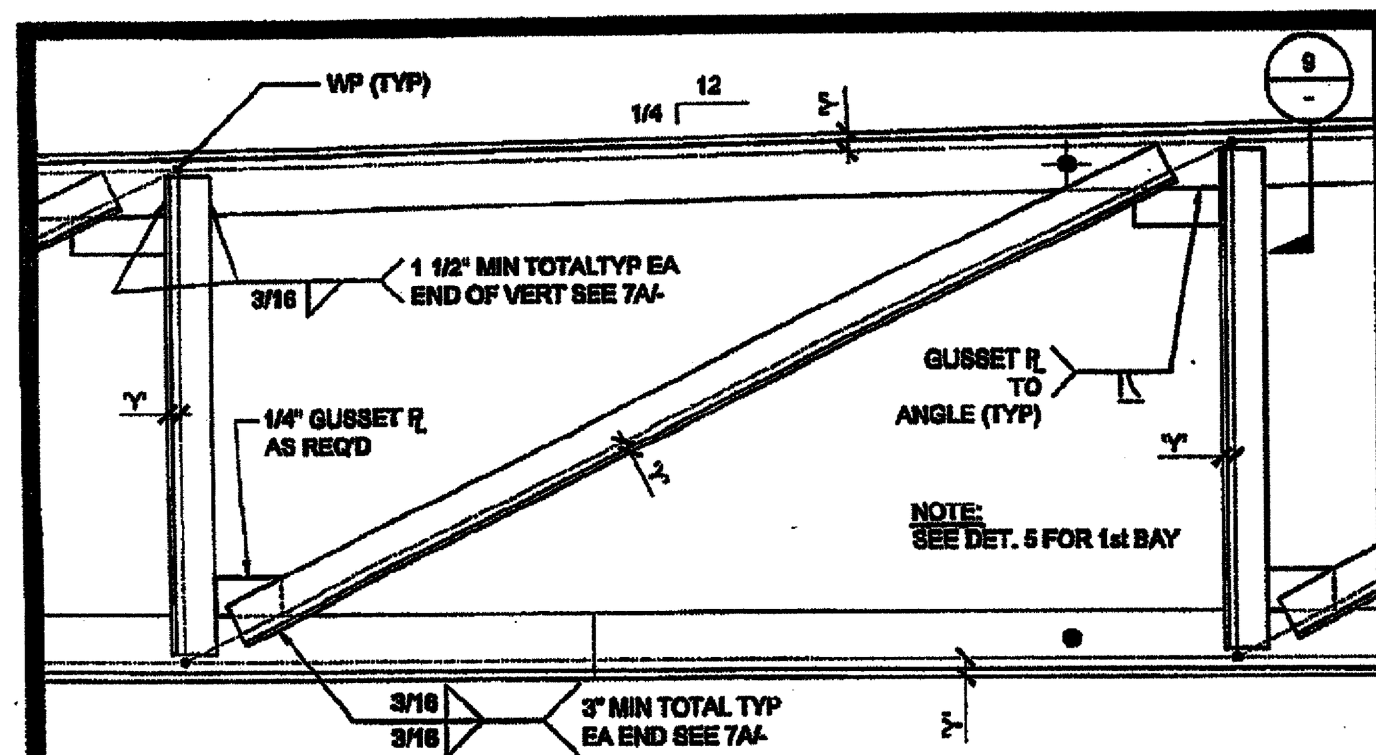
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-112072

REVISIONS

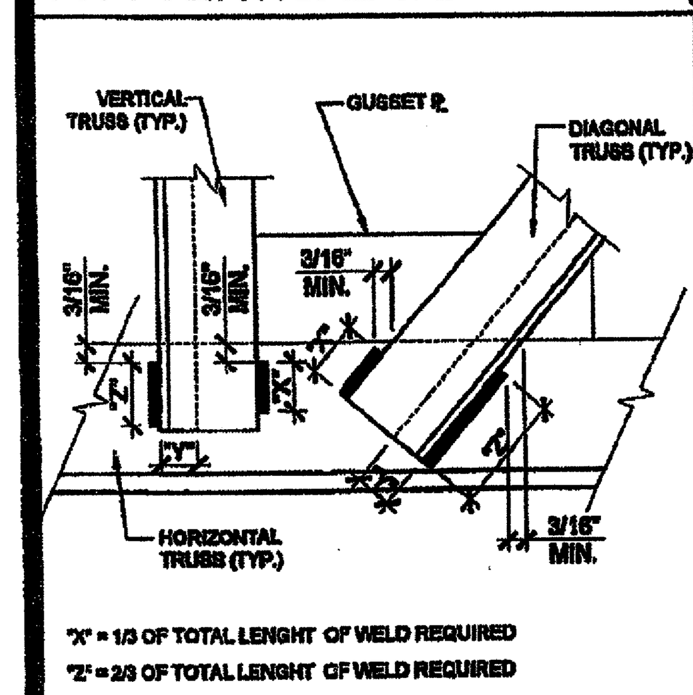
SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12-23-11
P.C. SHEET NUMBER

S-2.50-5 STKP 140



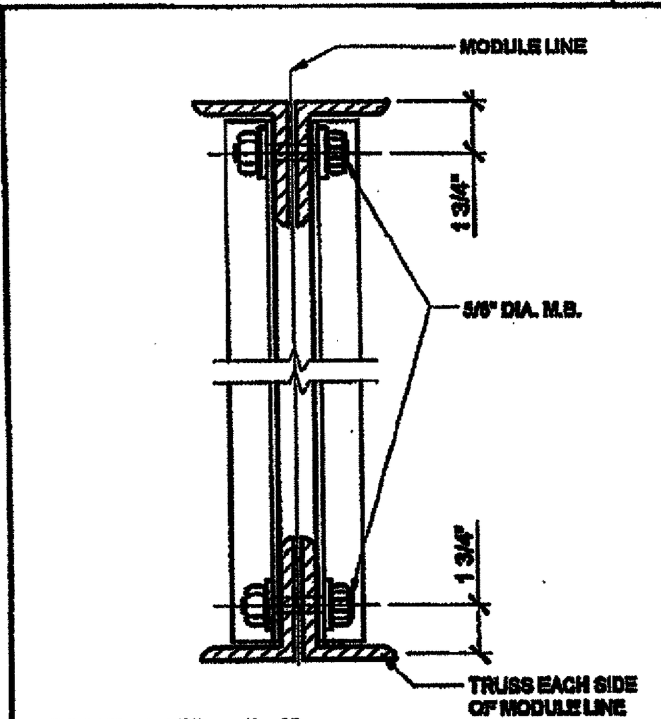
TYP. VERTICAL & DIAGONAL (U.N.O.)
SCALE: 1 1/2" = 1'-0" | 6



"X" = 1/3 OF TOTAL LENGHT OF WELD REQUIRED
"Z" = 2/3 OF TOTAL LENGHT OF WELD REQUIRED

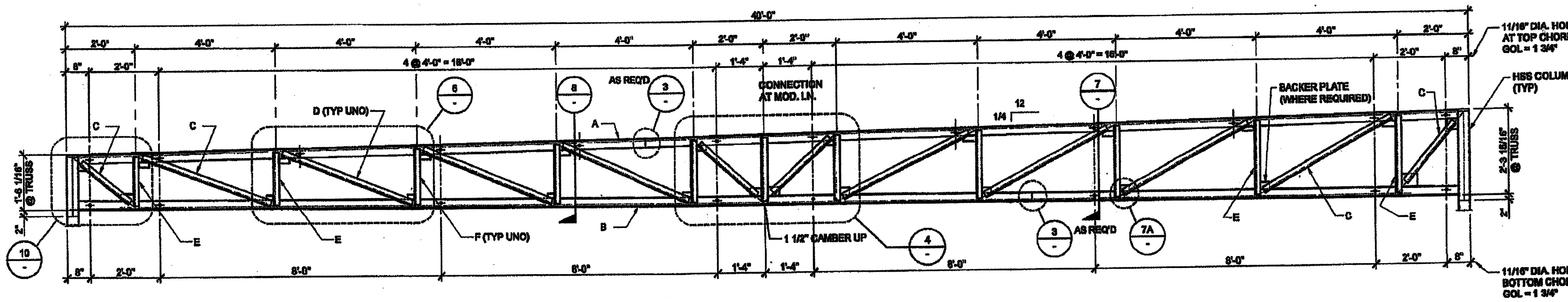
SCALE: N.T.S.

FILLET WELD TERMINATION | 7A



SCALE: 1 1/2" = 1'-0"

CONNECTION @ MODULE LINE | 7



NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YIELD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

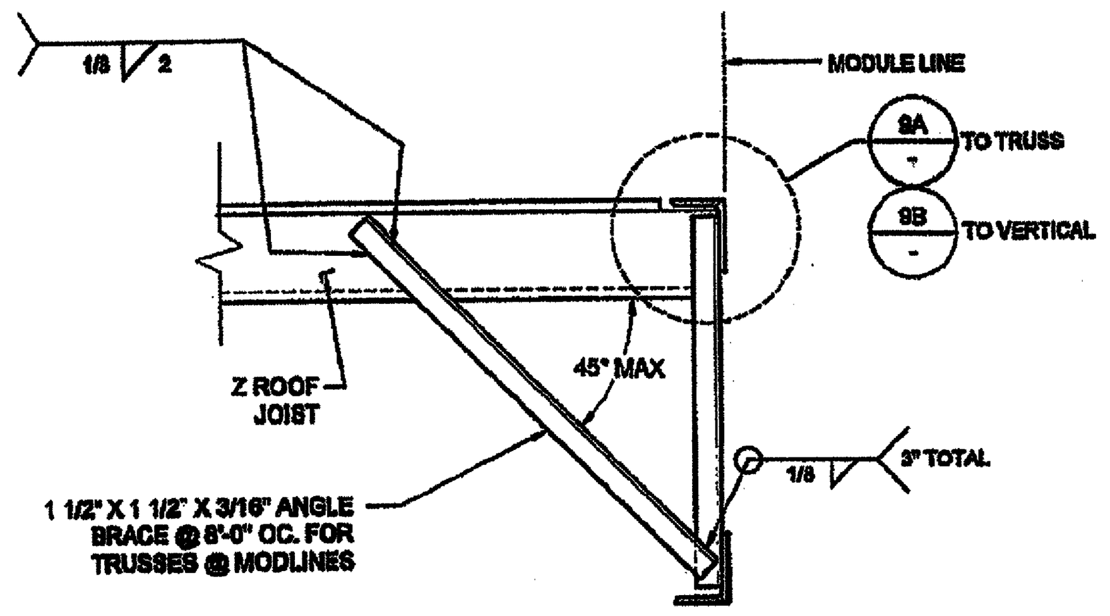
REF: ROOF FRAMING PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

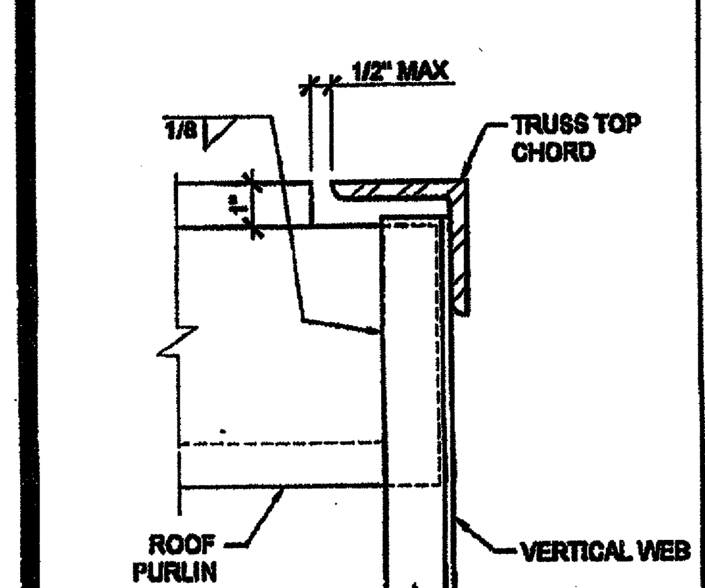
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 114277
DATE APR 2 3 2015

TRUSS MARK:			Y=
A	TOP CHORD	4" x 3" x 1/4" (LLV)	1 1/4
B	BOTTOM CHORD	4" x 3" x 1/4" (LLV)	1 1/4
C	END DIAGONALS (2 EACH END)	2" x 2" x 1/4"	9/16
D	TYPICAL DIAGONALS	1 1/2" x 1 1/2" x 3/16"	7/16
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

MONO SLOPE TRUSS
SCALE: 1/2" = 1'-0" | 1

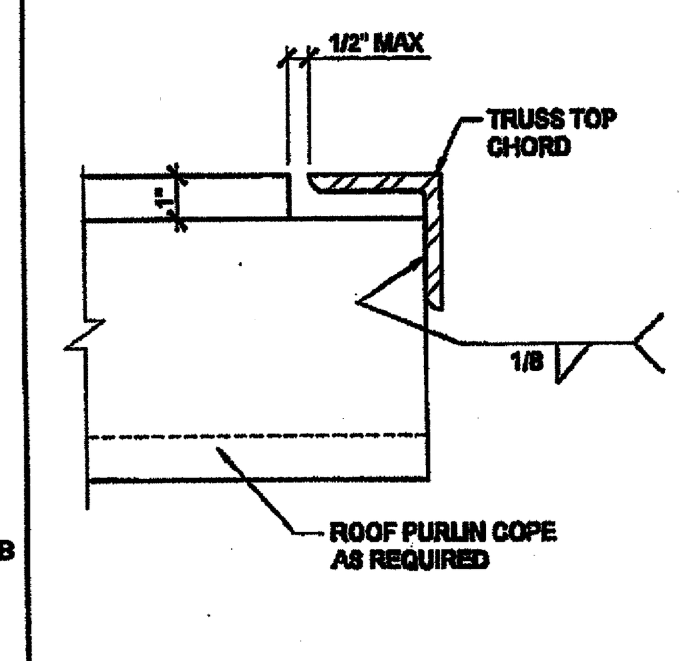


BRACE @ TRUSS & MATING LINE
SCALE: 1 1/2" = 1'-0" | 8

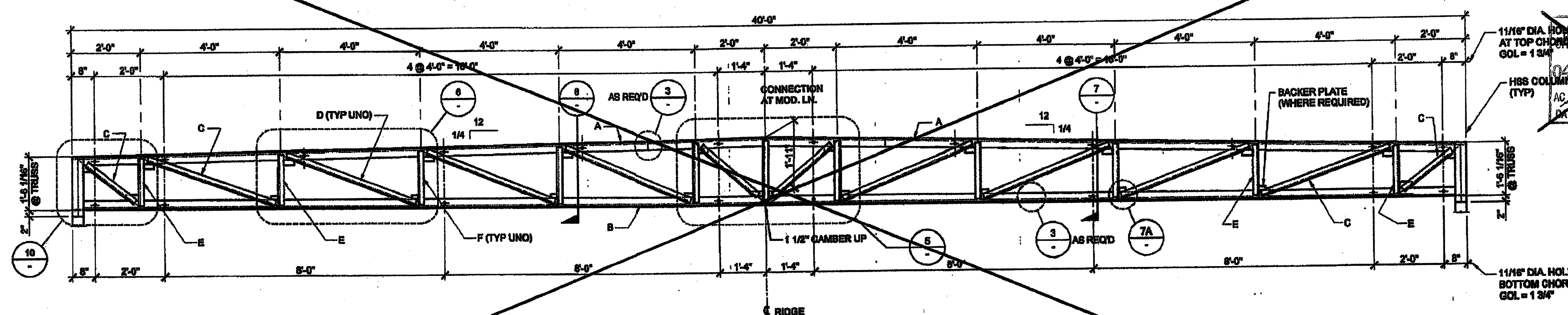


SCALE: 3" = 1'-0"

PURLIN TO VERT. ANGLE CONN. | 9B



PURLIN TO TRUSS CONN. SCALE: 3"=1'-0" | 9A



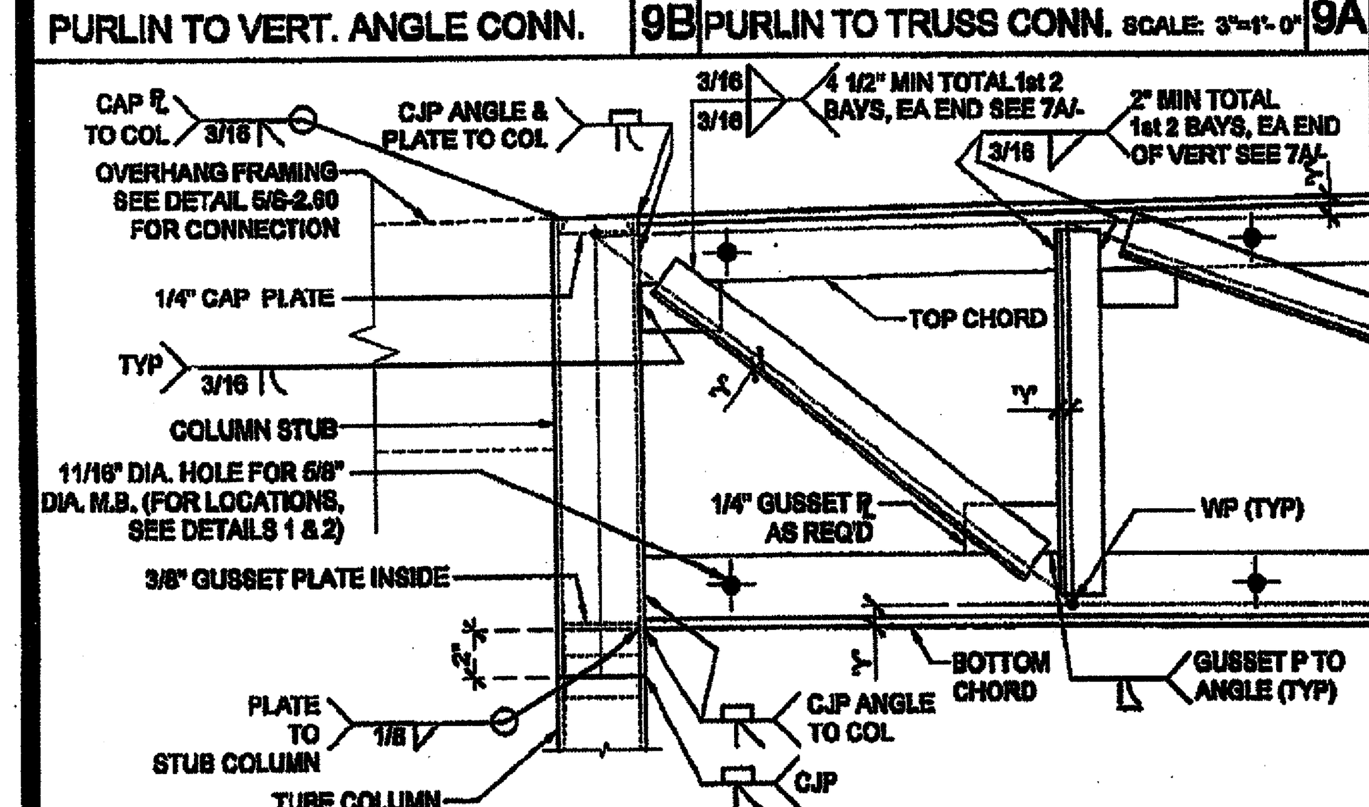
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YIELD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

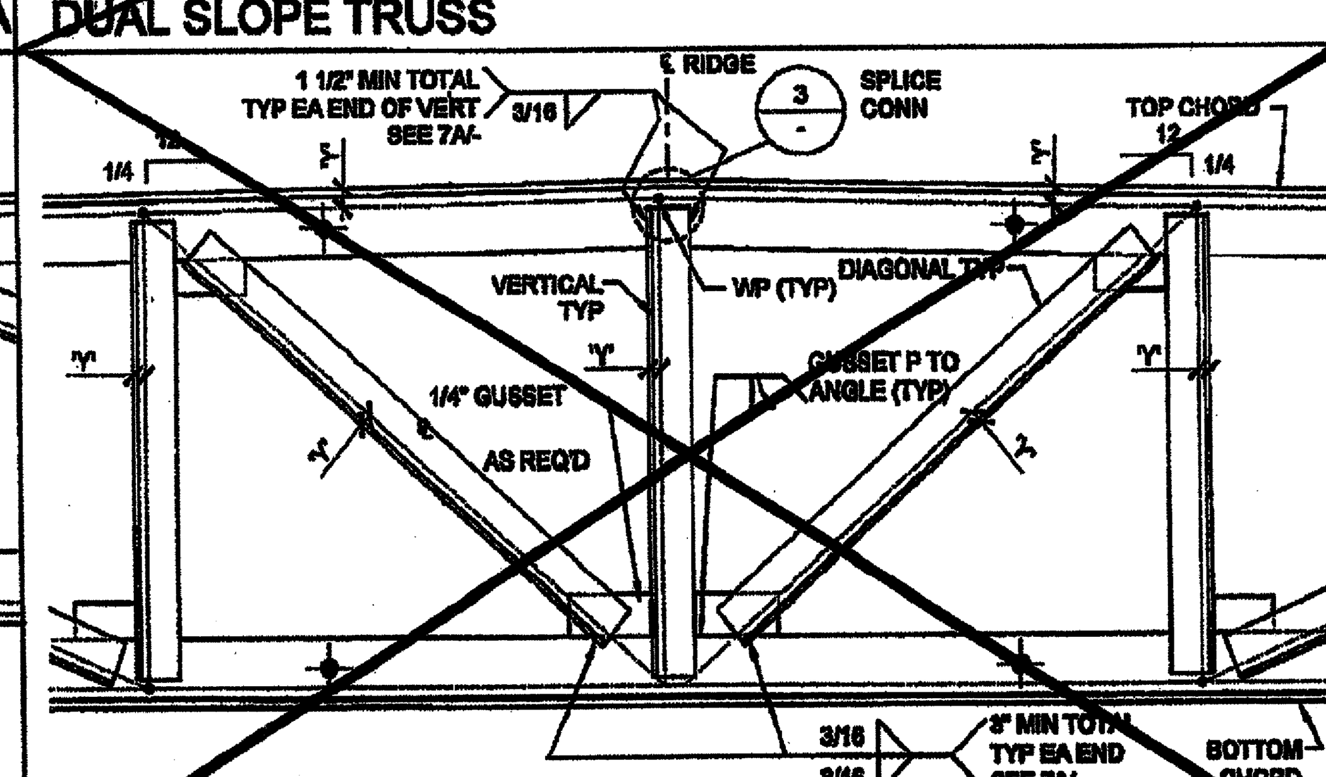
REF: ROOF FRAMING PLAN

TRUSS MARK:			Y=
A	TOP CHORD	4" x 3" x 1/4" (LLV)	1 1/4
B	BOTTOM CHORD	4" x 3" x 1/4" (LLV)	1 1/4
C	END DIAGONALS (2 EACH END)	2" x 2" x 1/4"	9/16
D	TYPICAL DIAGONALS	1 1/2" x 1 1/2" x 3/16"	7/16
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

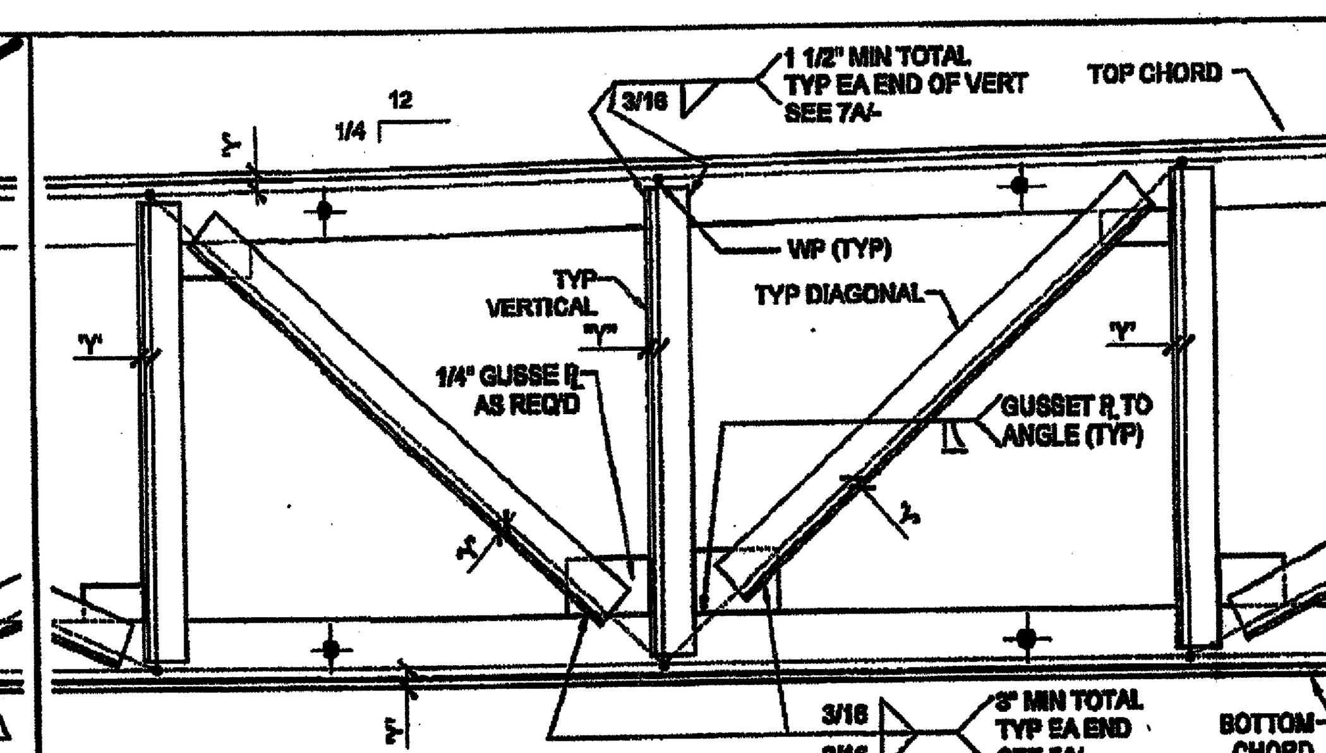
DUAL SLOPE TRUSS
SCALE: 1/2" = 1'-0" | 2



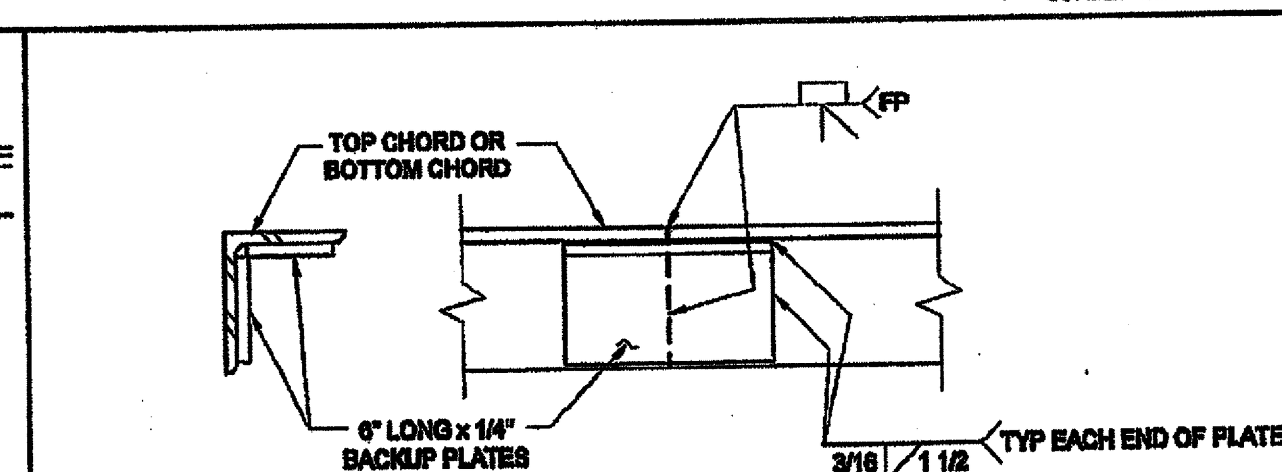
TRUSS TO COLUMN / OH FRAME CONN.
SCALE: 1 1/2" = 1'-0" | 10



VERT. & DIAG. AT MID-POINT
SCALE: 1 1/2" = 1'-0" | 5



VERT. & DIAG. AT MID- POINT
SCALE: 1 1/2" = 1'-0" | 4



OPTIONAL

NOTE:
CHORD SPLICE MAY OCCUR AT ANY POINT ON THE TOP OR BOTTOM CHORD AS LONG AS FULL PENETRATION WELD AND BACKUP PLATES ARE USED

TRUSS CHORD SPLICE
SCALE: 3" = 1'-0" | 3

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:
ROOF FRAMING DETAILS
TRUSS

TAVARES ASSOCIATES

REVISED FEB 2 6 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113892
DATE NOV 2 0 2014

12/23/2011

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113649
DATE AUG 2 8 2014

ARCHITECT OF RECORD SUBMITTAL UPDATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113536
DATE APR 0 4 2014

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER
S-2.90-5 STKP 140

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 ***1 1/2" = 1'-0"***
Notes

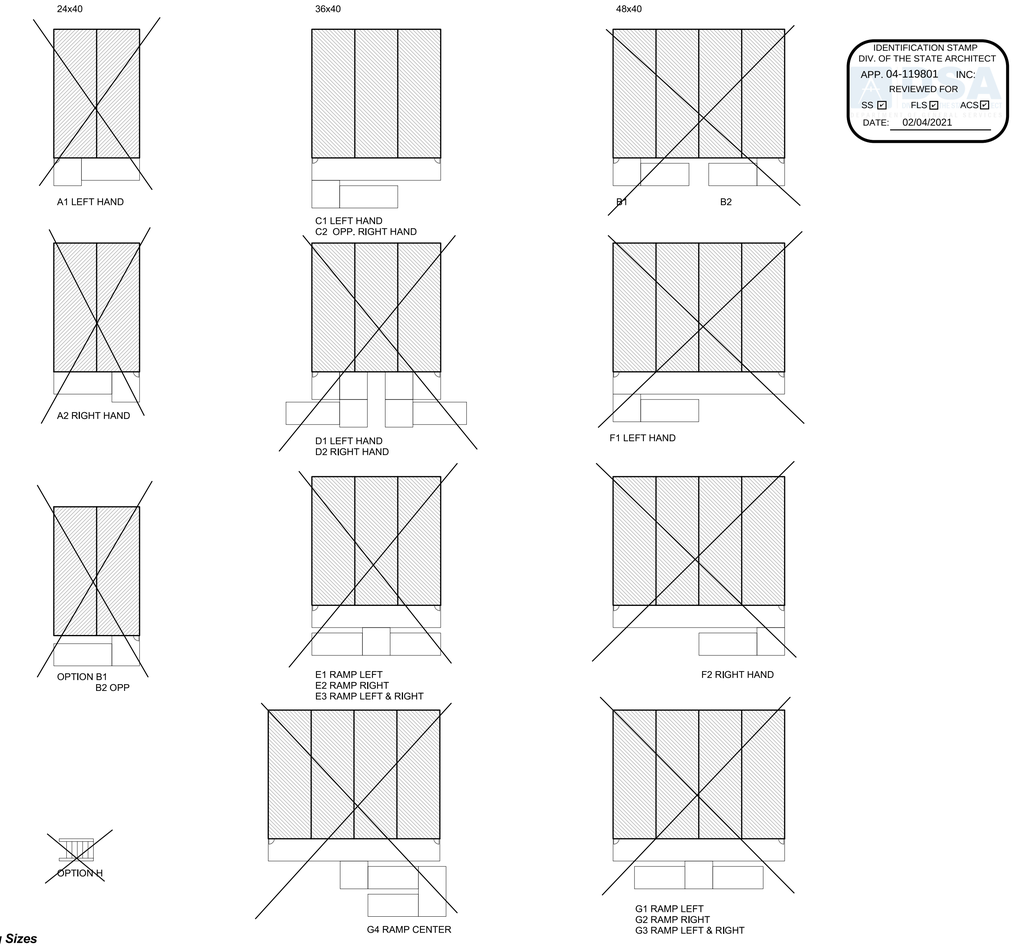
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

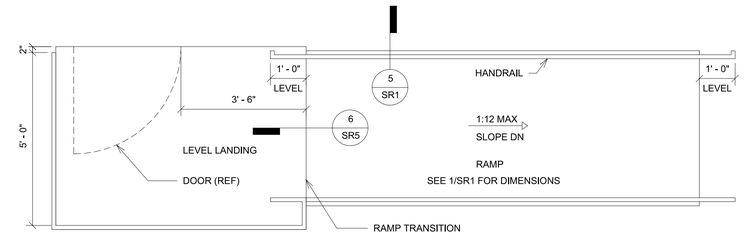
option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

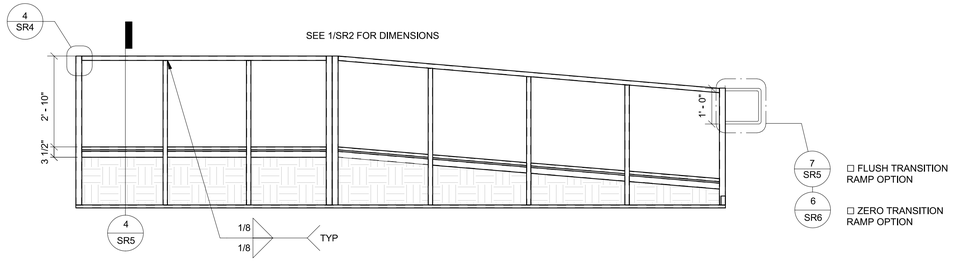
option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



2 ***Ramps Options w/ Different Building Sizes***





3 ***1/2" = 1'-0"***
Standard Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SGR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Module Plan and Notes

PROJECT NUMBER
17016A

DRAWN BY
SM

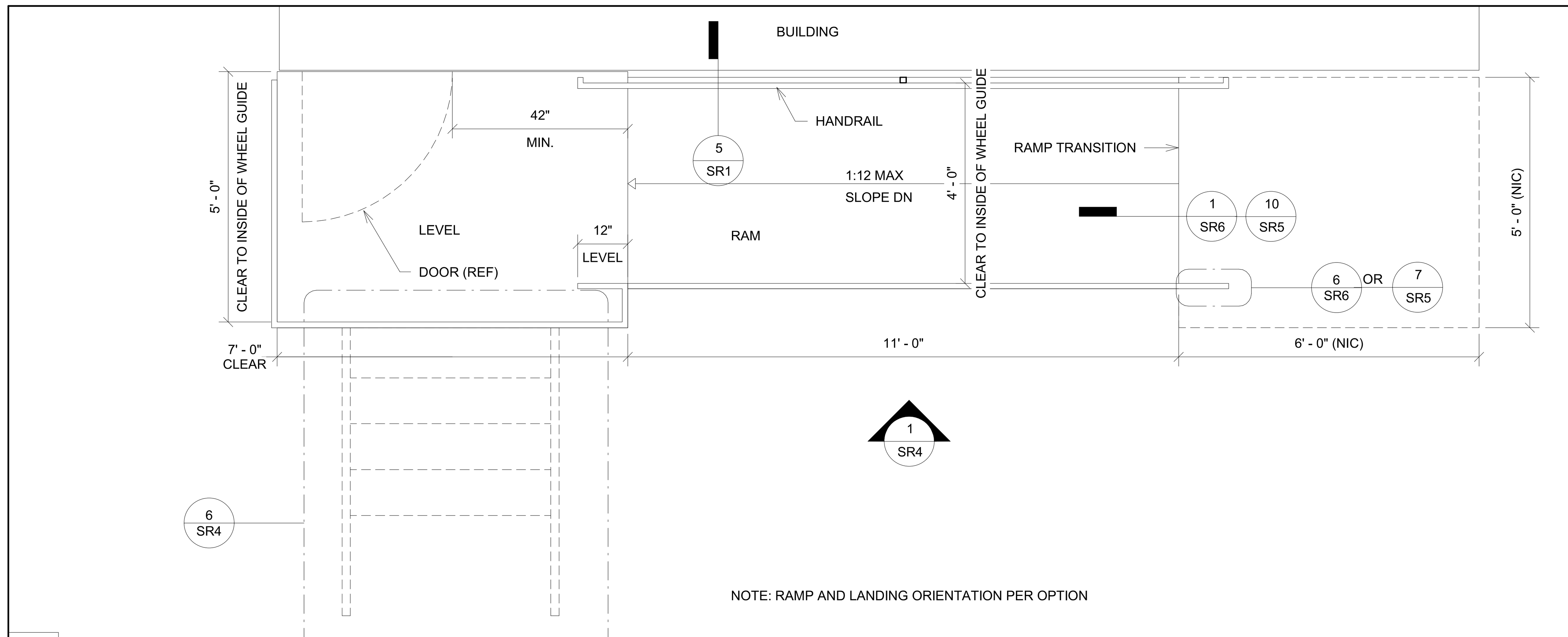
CHECKED BY
rMc

DATE
05/04/2017

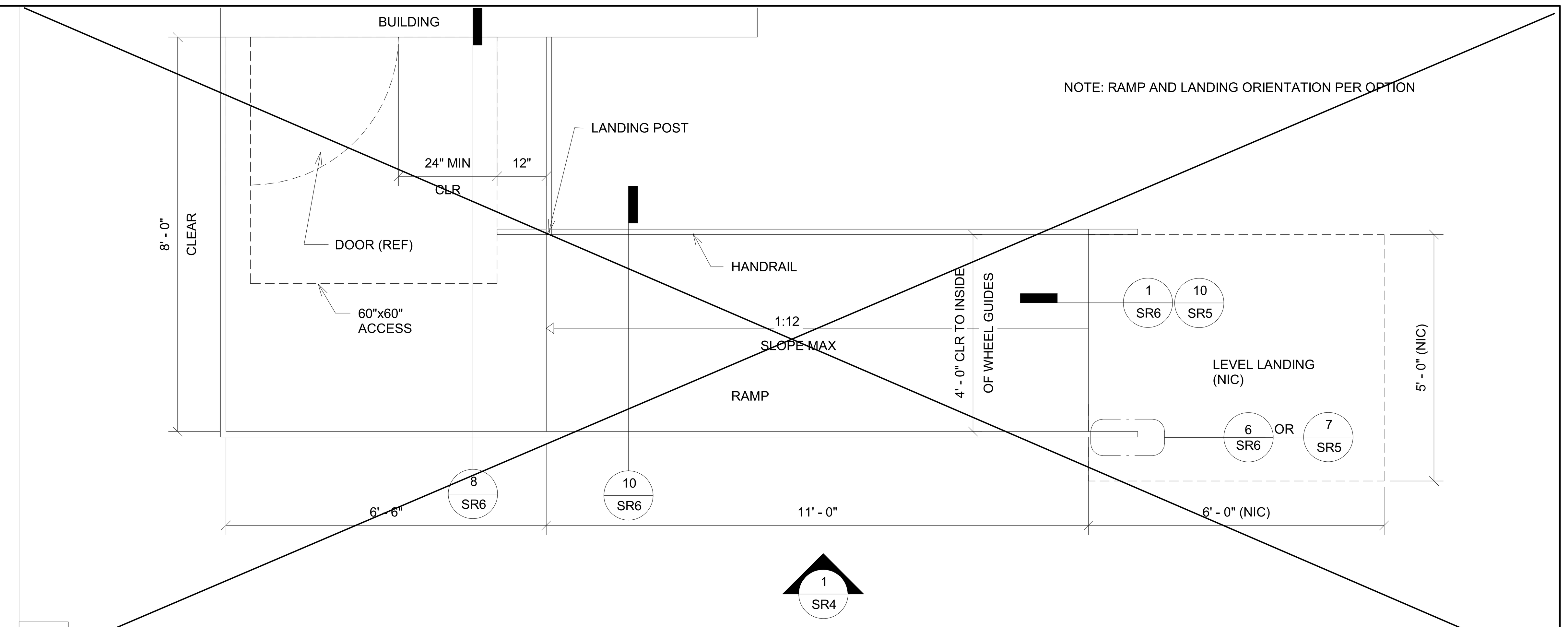
SHEET NO.
SR0-5

SHEET OF

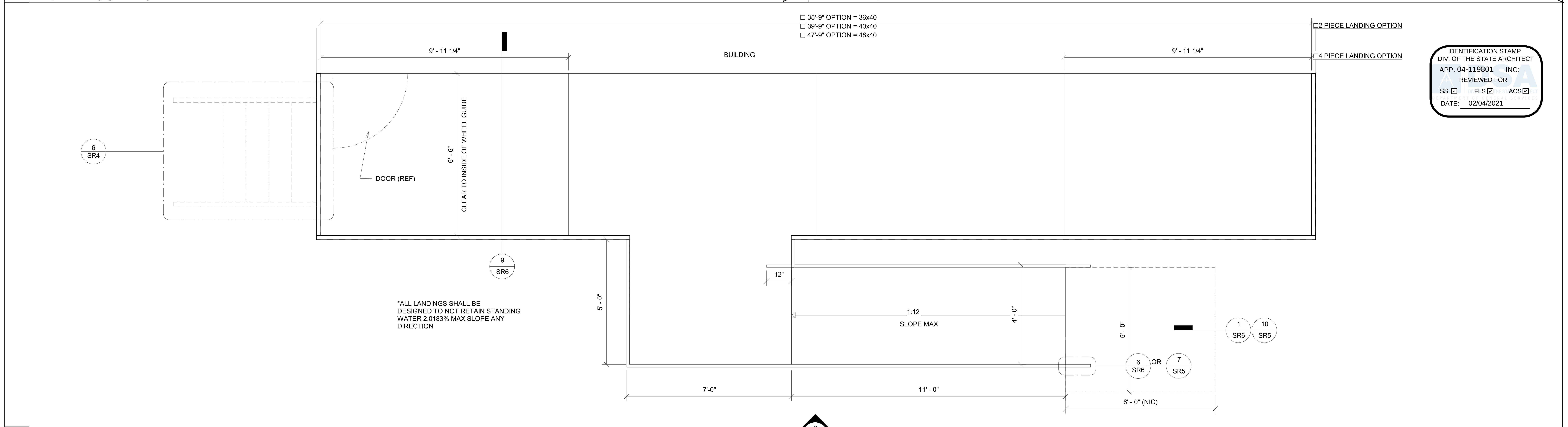
12/18/2017 5:45:01 PM C:\Users\Lee\Documents\RS1\#17032 - Aries, Ramps and Stairs PC_Lee.rvt



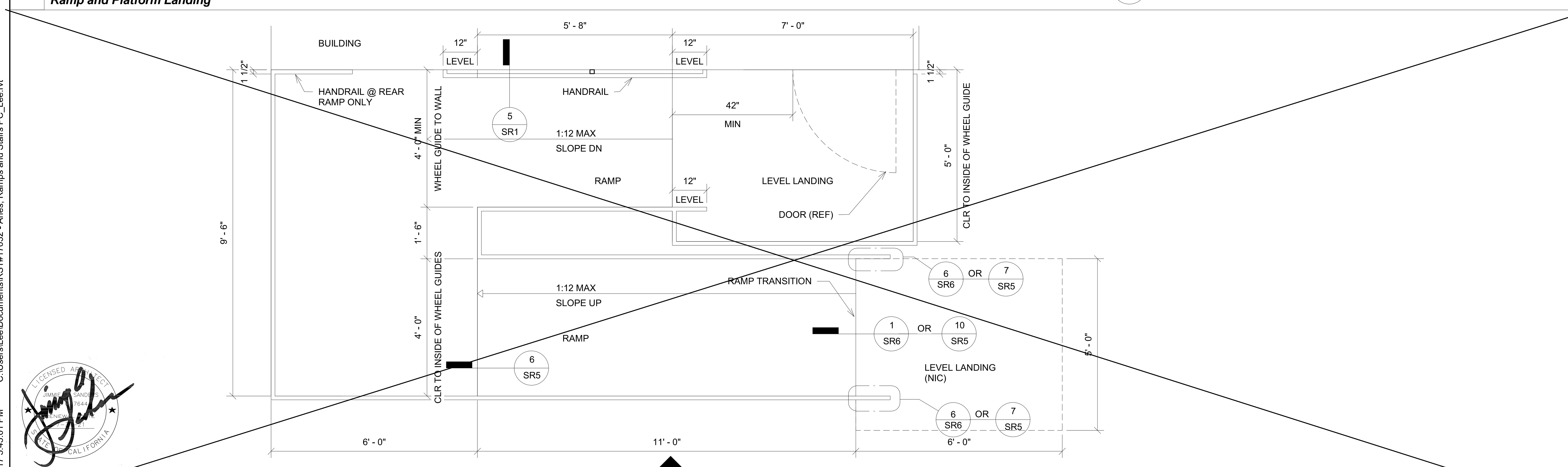
1 1/2" = 1'-0" Ramp & Landing @ Building



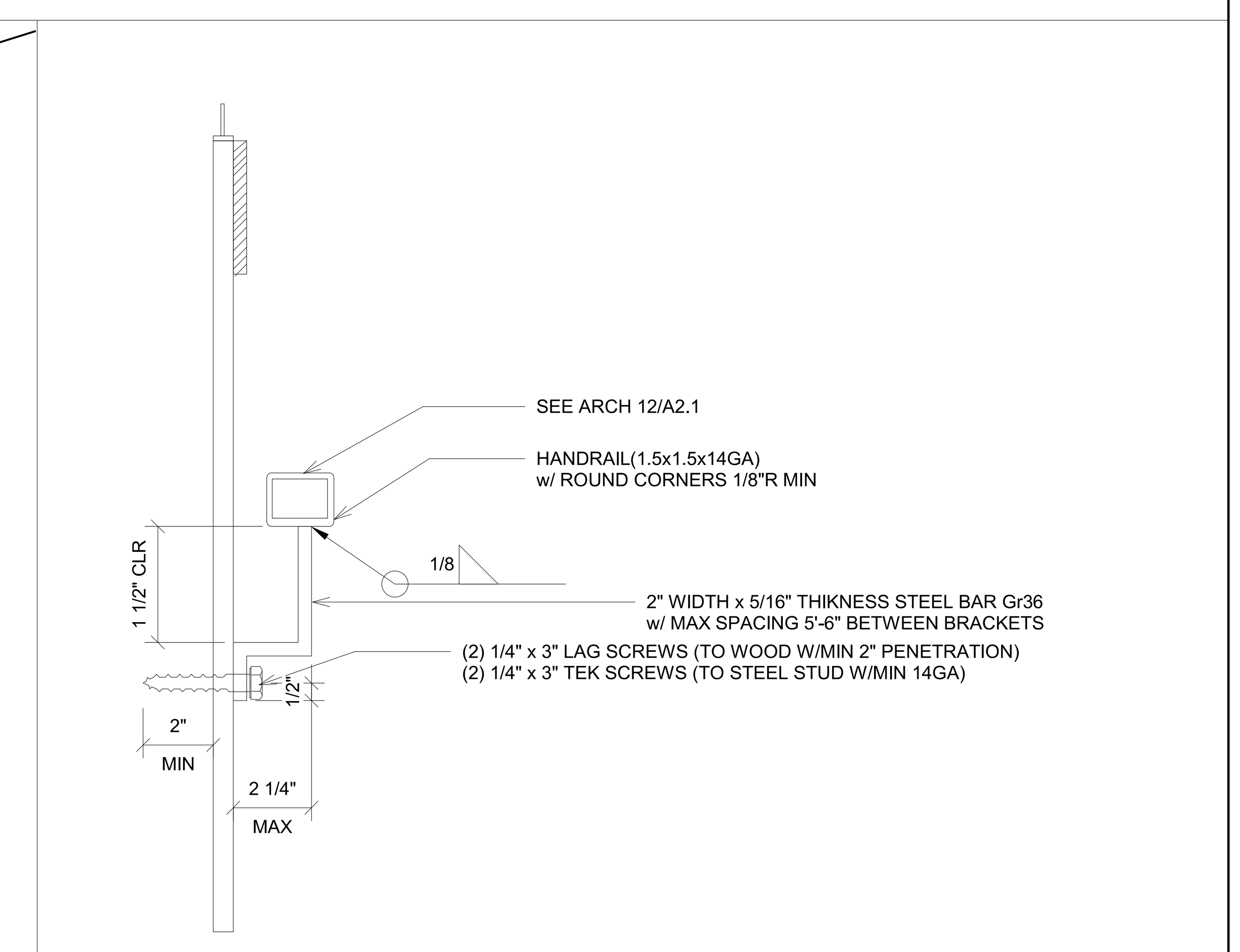
2 1/2" = 1'-0" Ramp & Landing w/ Offset Ramp



3 1/2" = 1'-0" Ramp and Platform Landing



4 1/2" = 1'-0" Ramp & Landing w/ Switch Back Ramp



5 3" = 1'-0" Handdrail

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR1-5

SHEET OF

C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt
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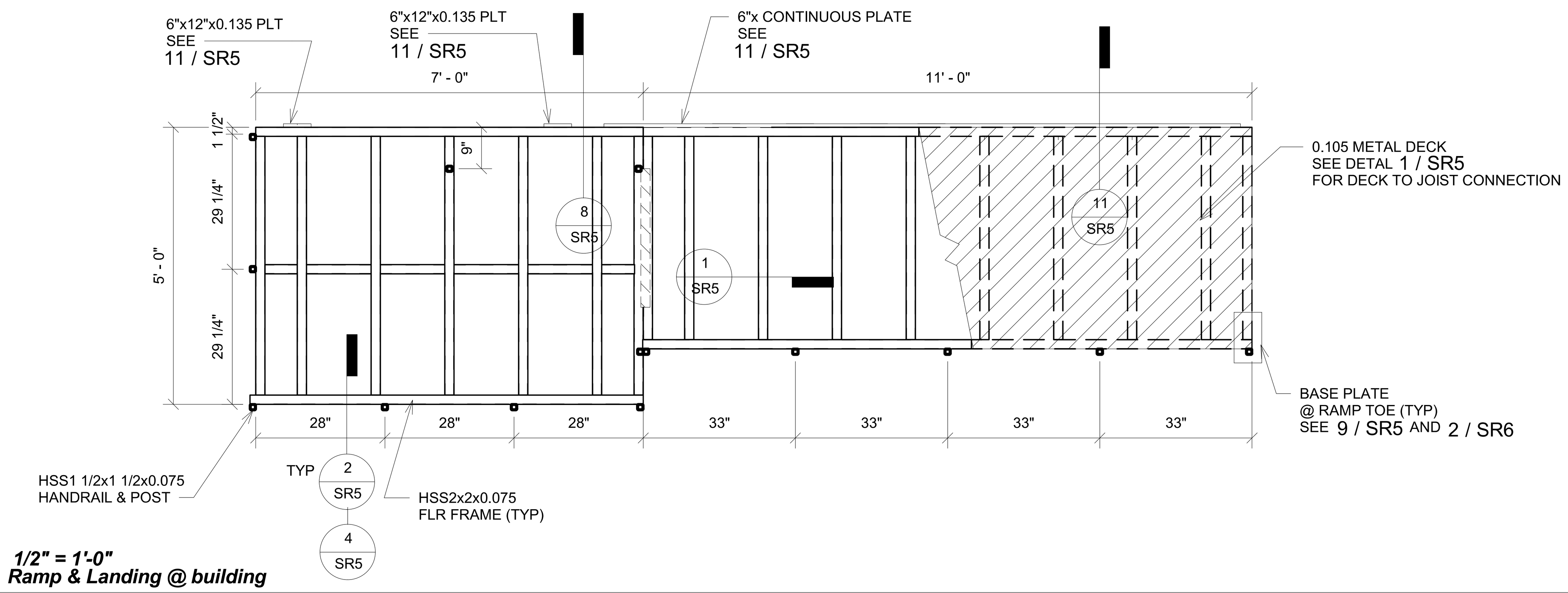
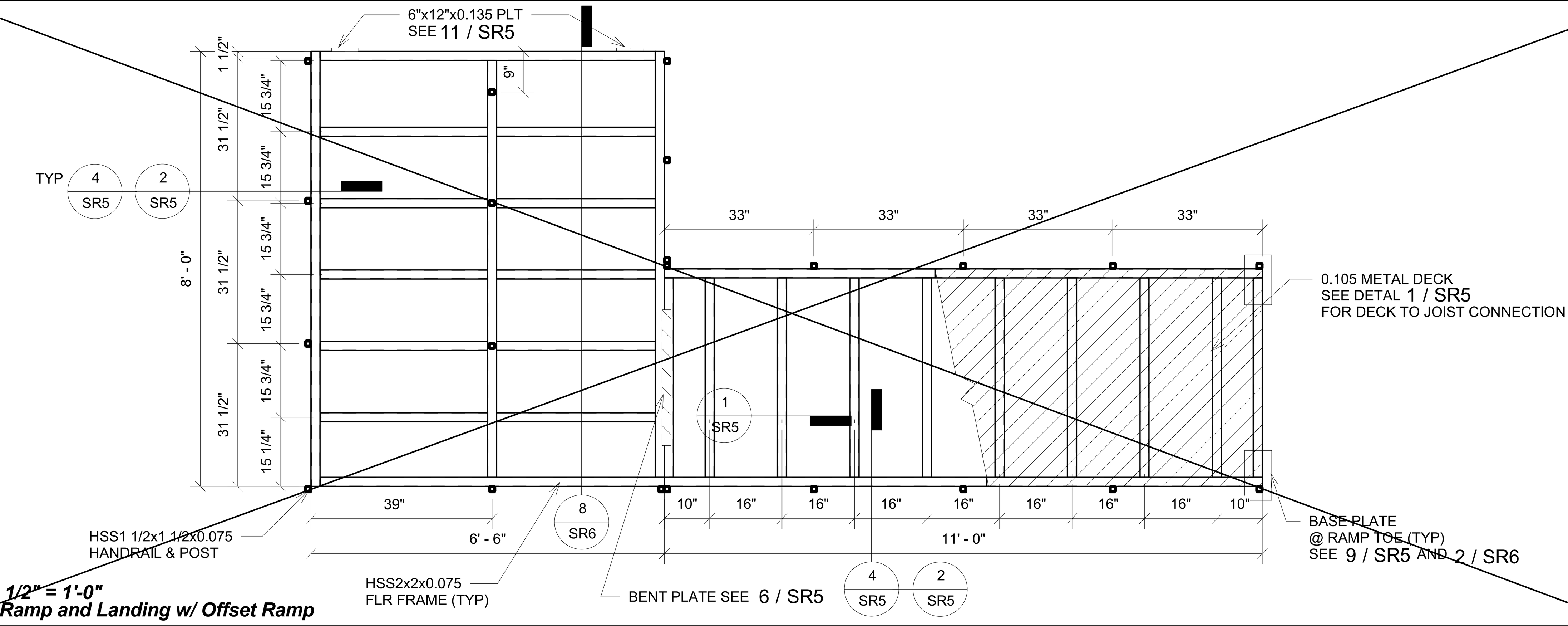
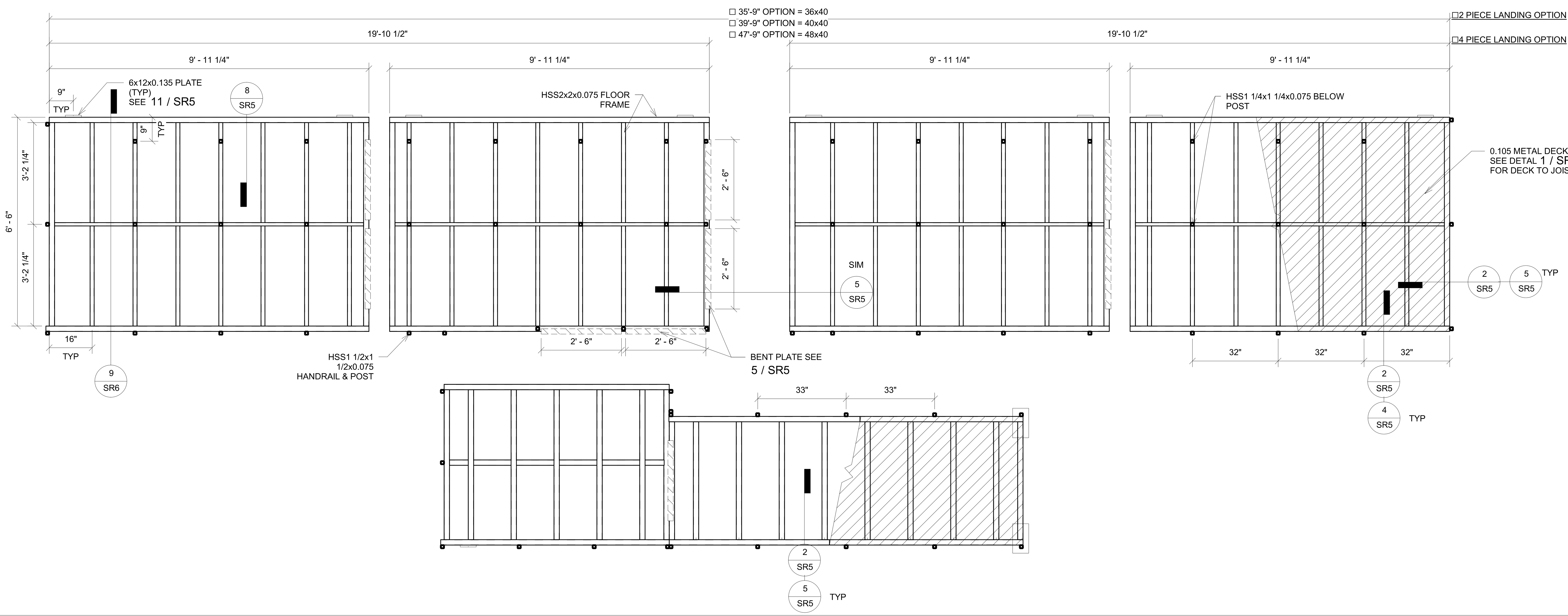


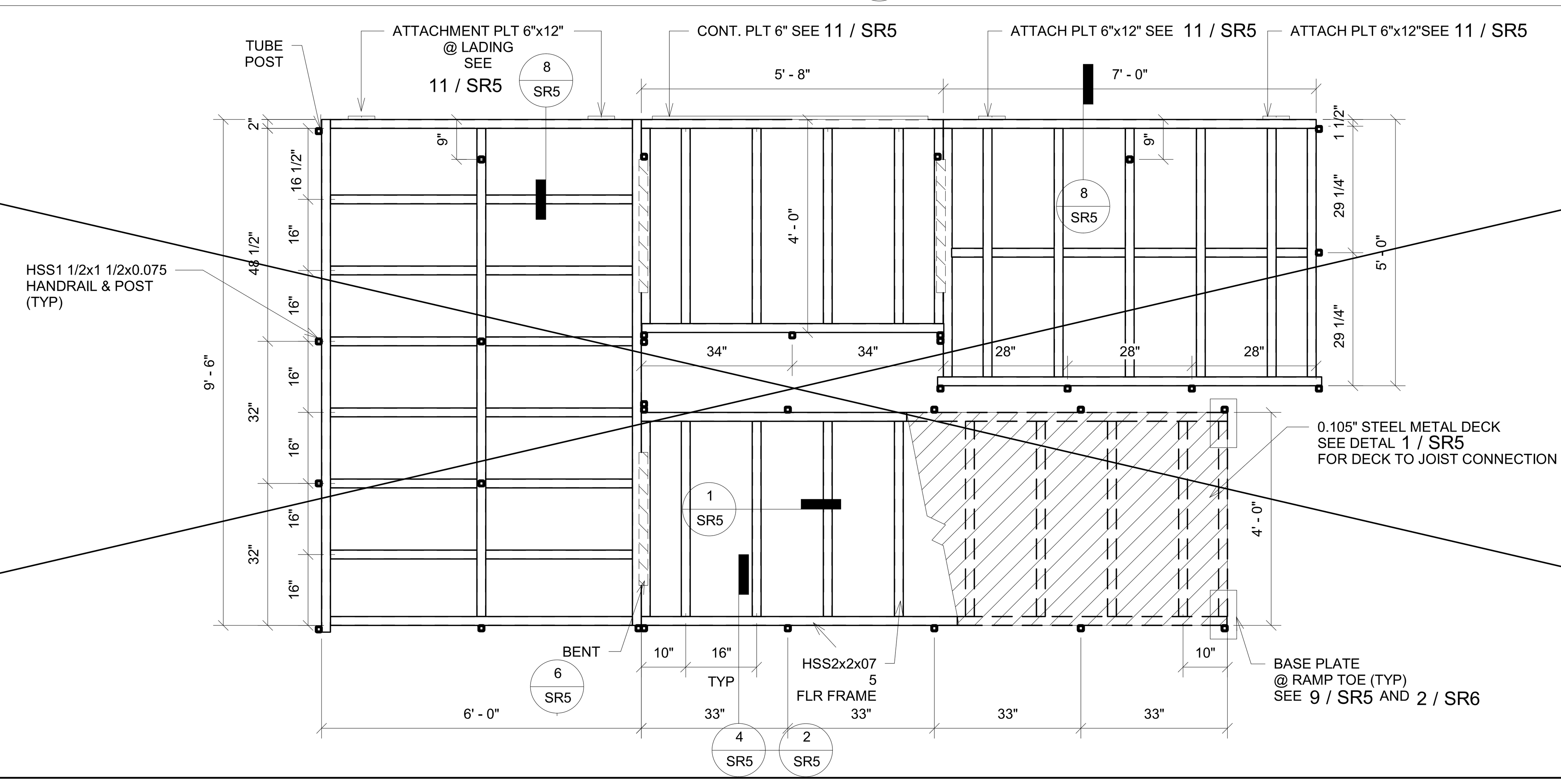
1 *1/2" = 1'-0"*
Ramp & Landing @ building



2 *1/2" = 1'-0"*
Ramp and Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp & Platform Landing Frame



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp

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12/18/2017 5:45:02 PM

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Framing

PROJECT NUMBER
17016A

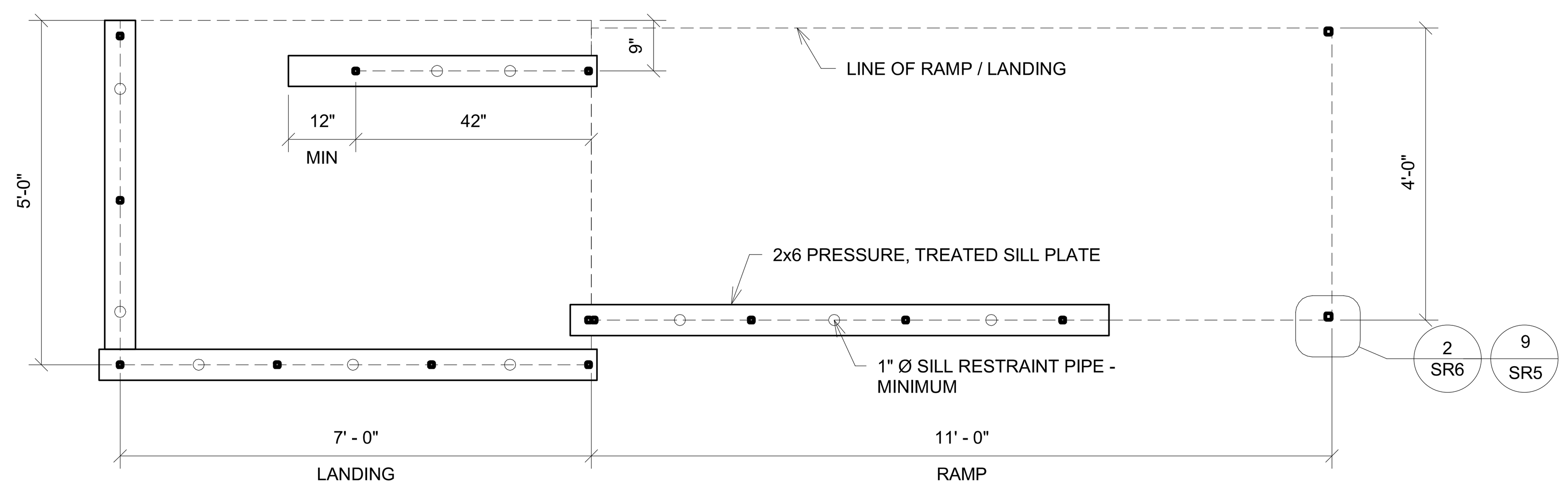
DRAWN BY
SM

CHECKED BY
BR/rMc

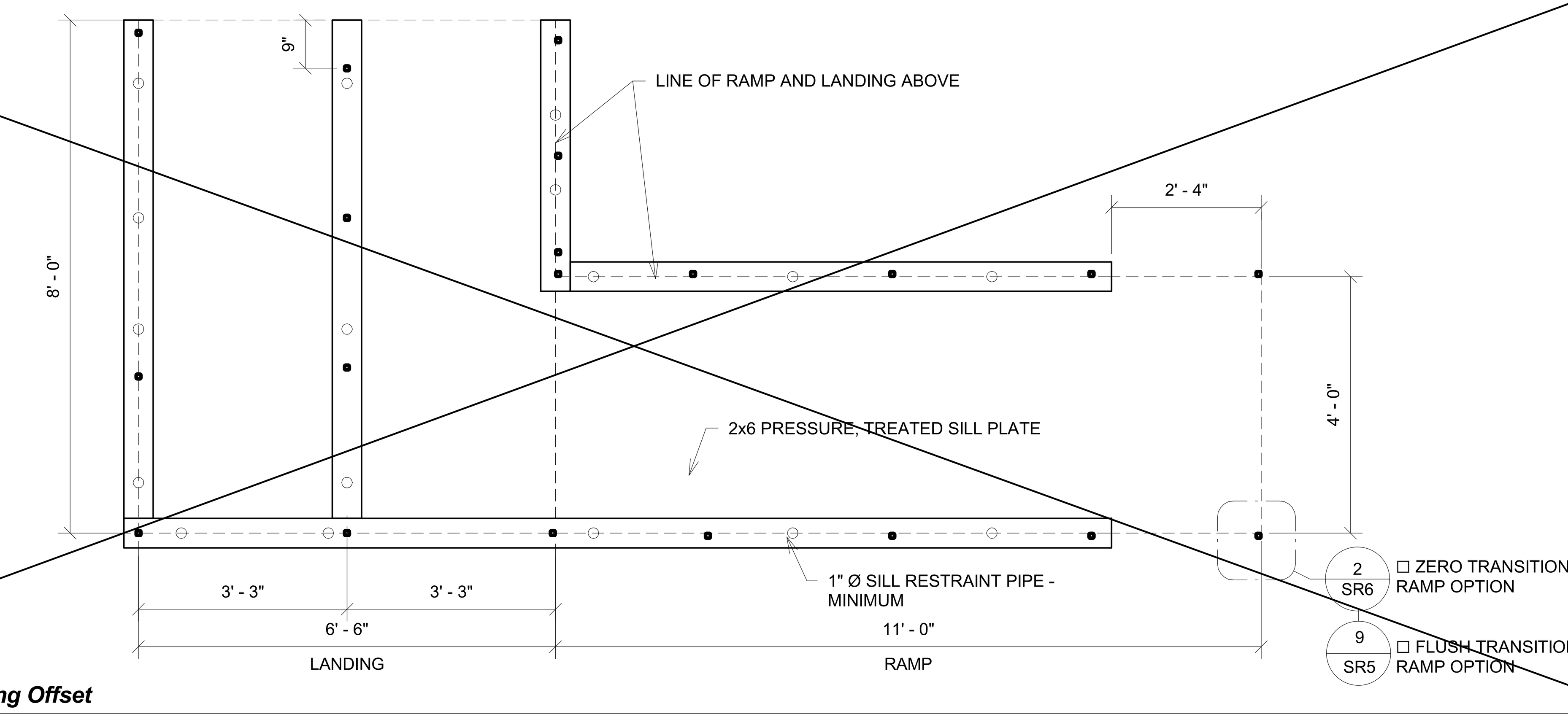
DATE
05/04/2017

SHEET NO.
SR2-5

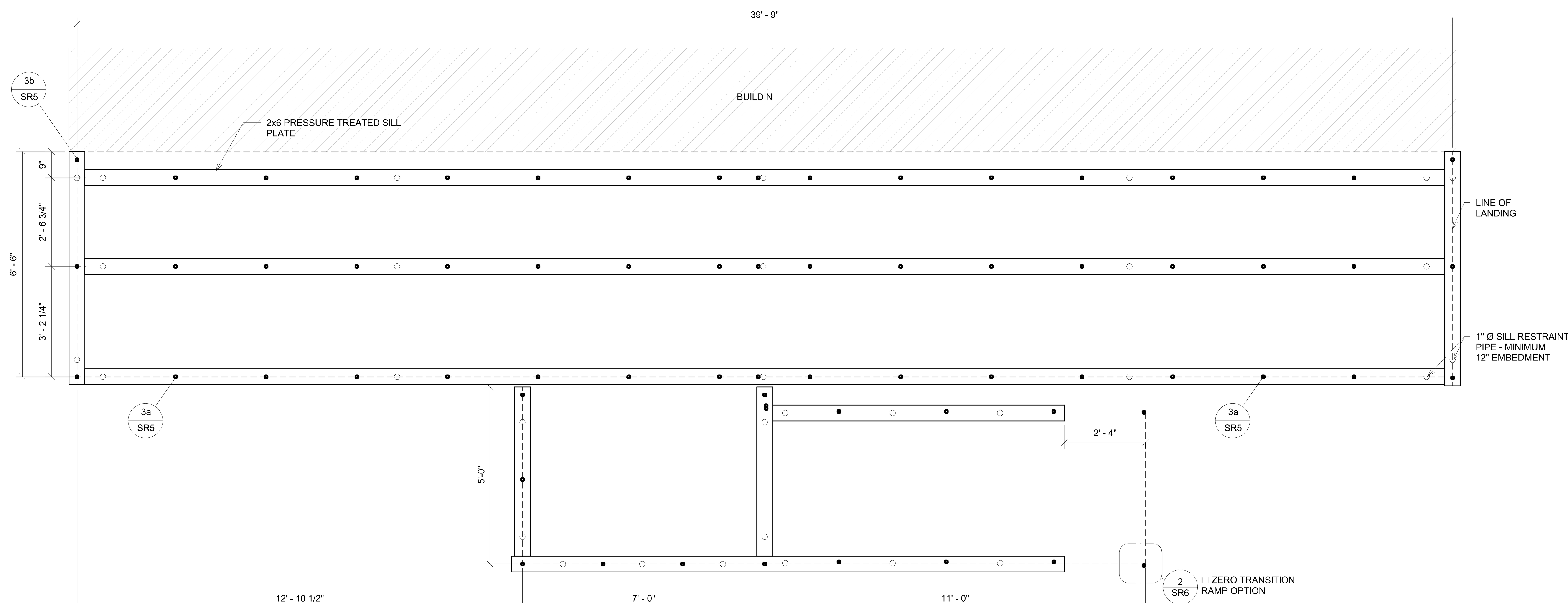
SHEET OF



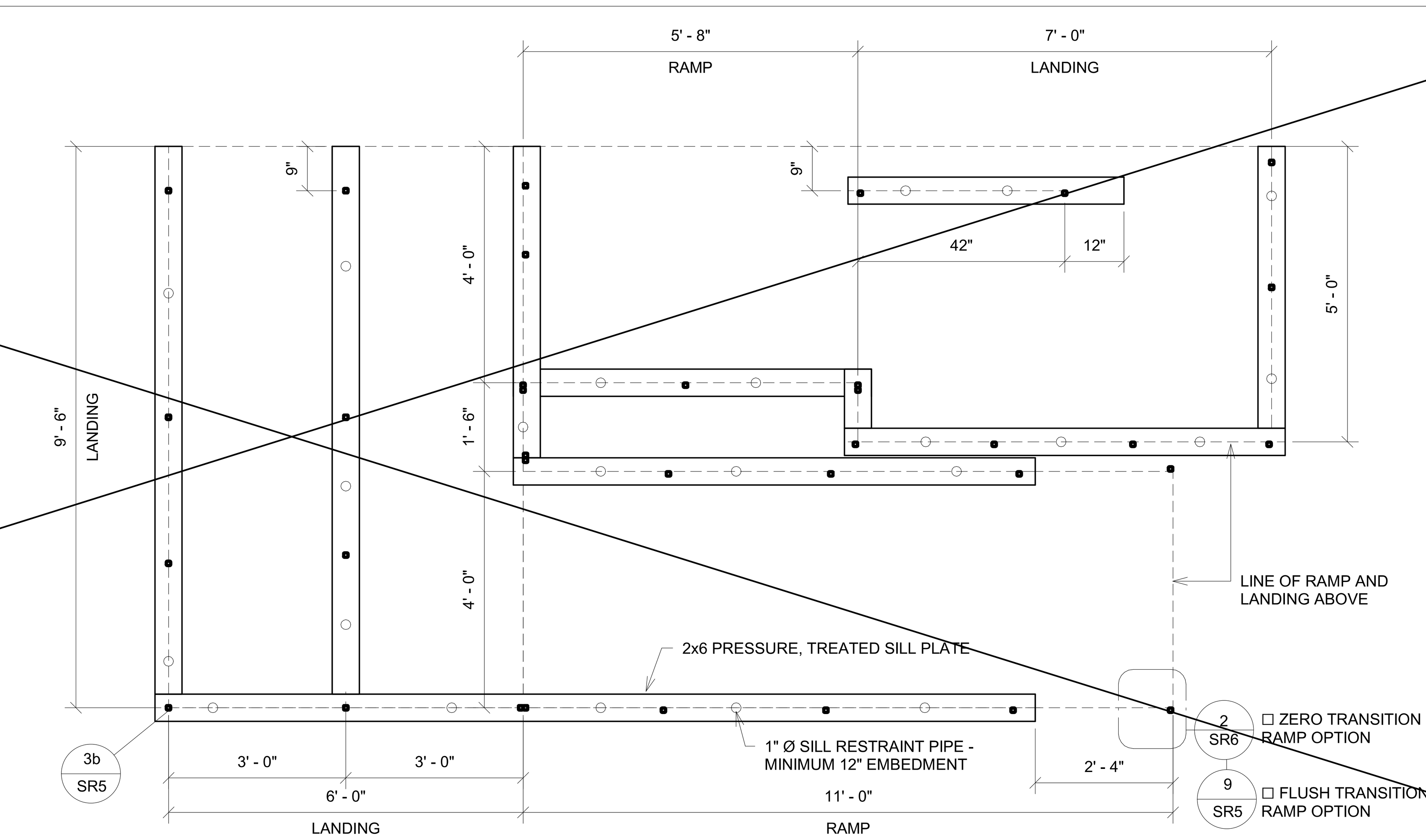
1 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing



2 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing Offset



3 *1/2" = 1'-0"*
Platform Sill Plan For Ramp & Landing



4 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
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DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

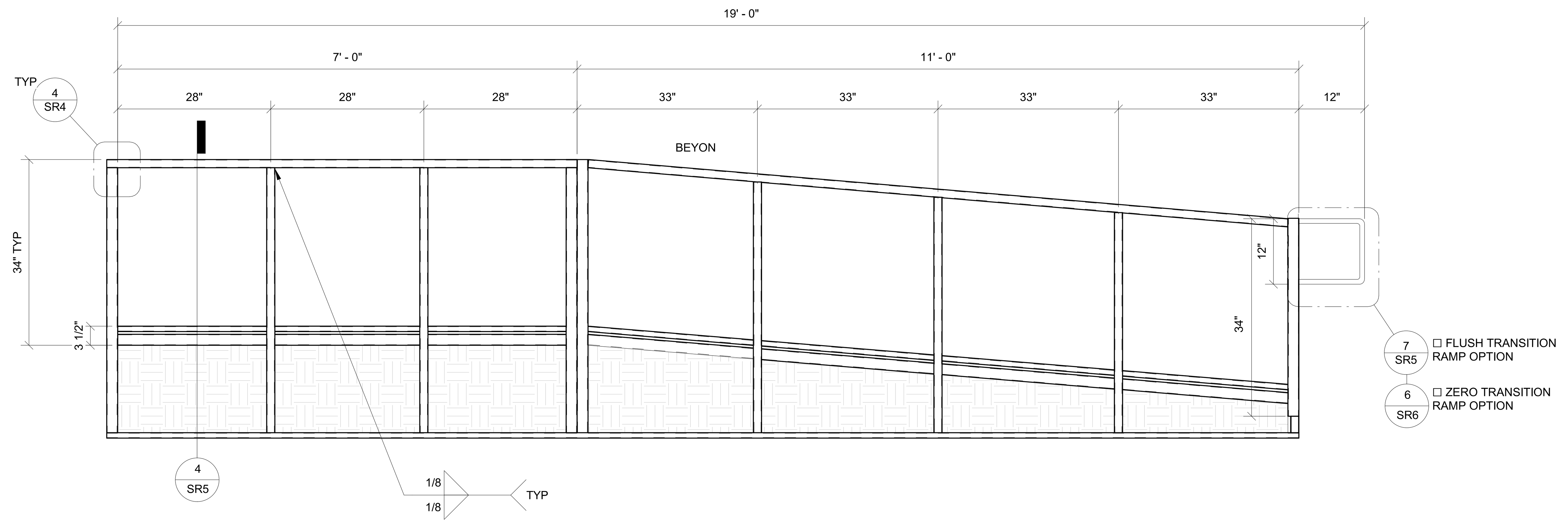
DATE
05/04/2017

SHEET NO.
SR3-5

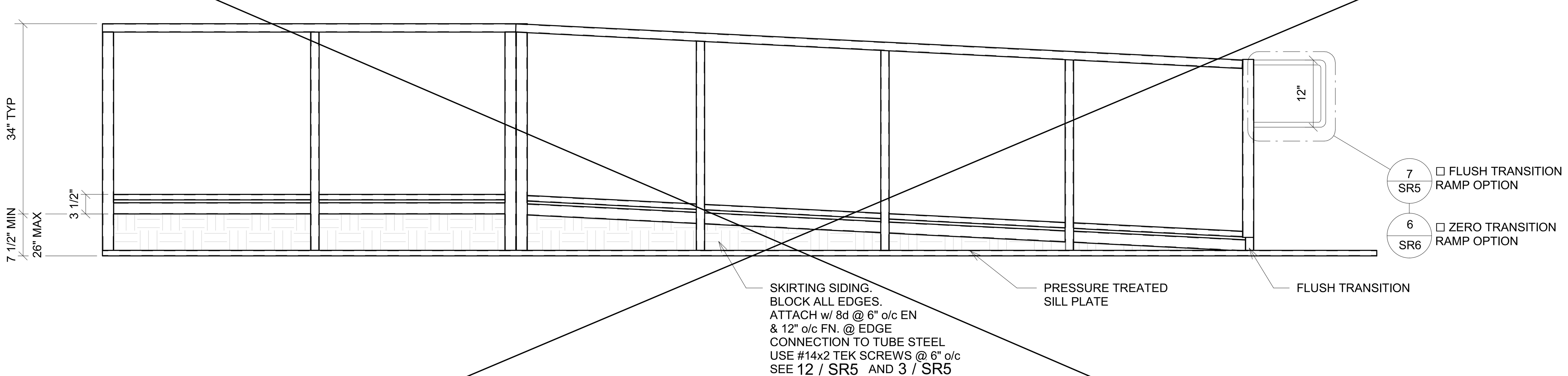
SHEET OF

C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt
12/18/2017 5:45:03 PM

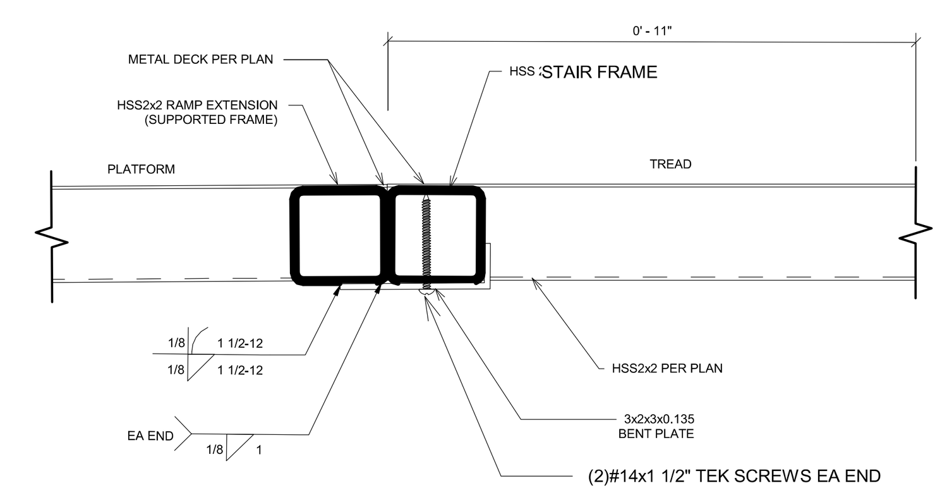
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



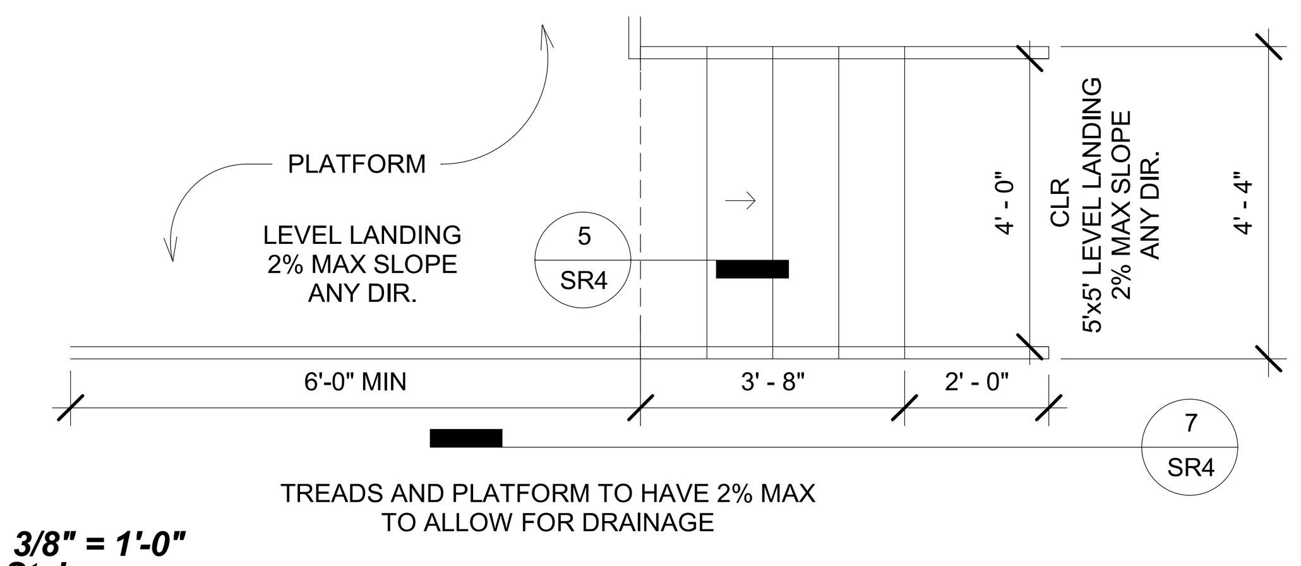
1 *3/4" = 1'-0"*
Ramp & Landing Elevation



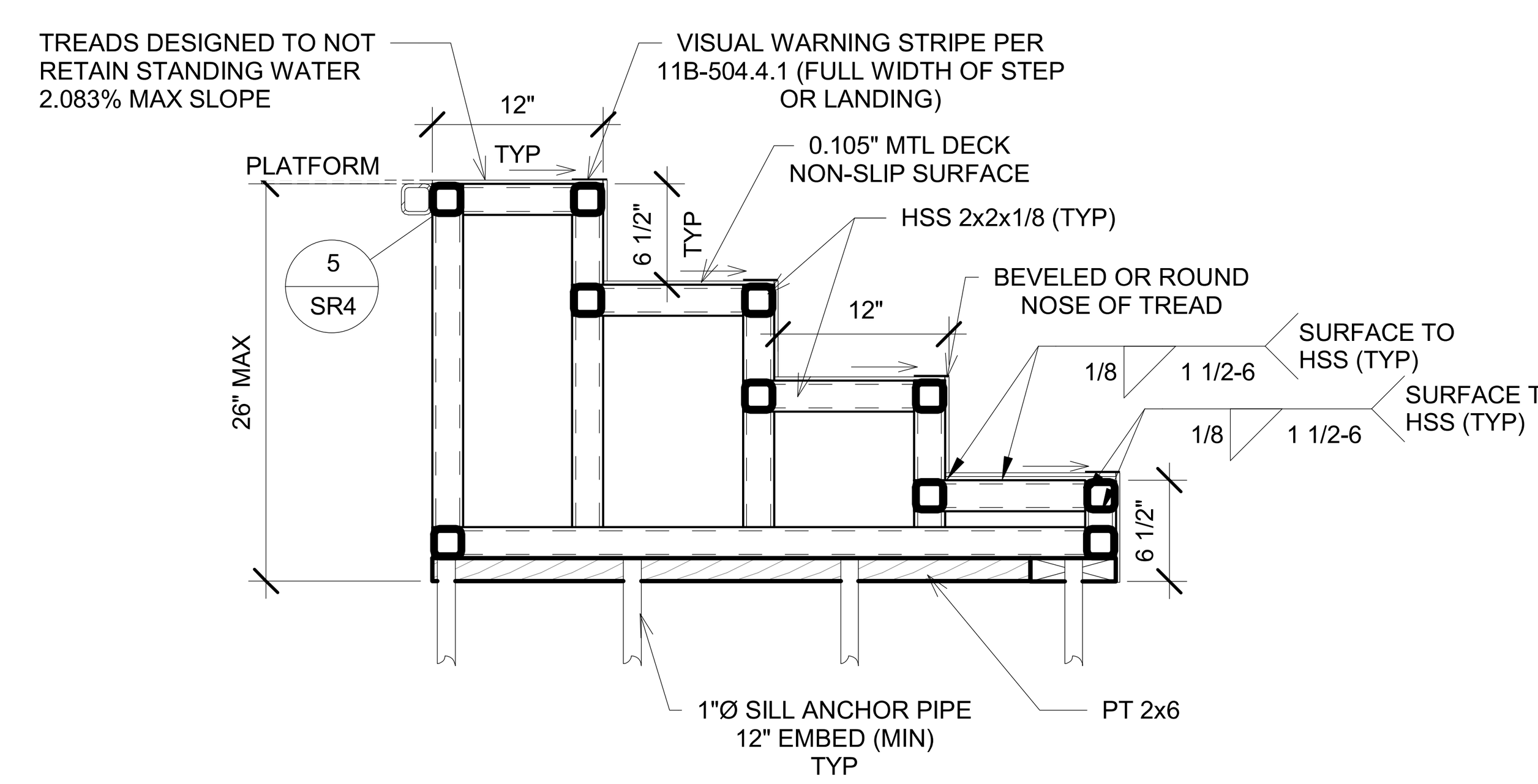
2 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X Copy 1



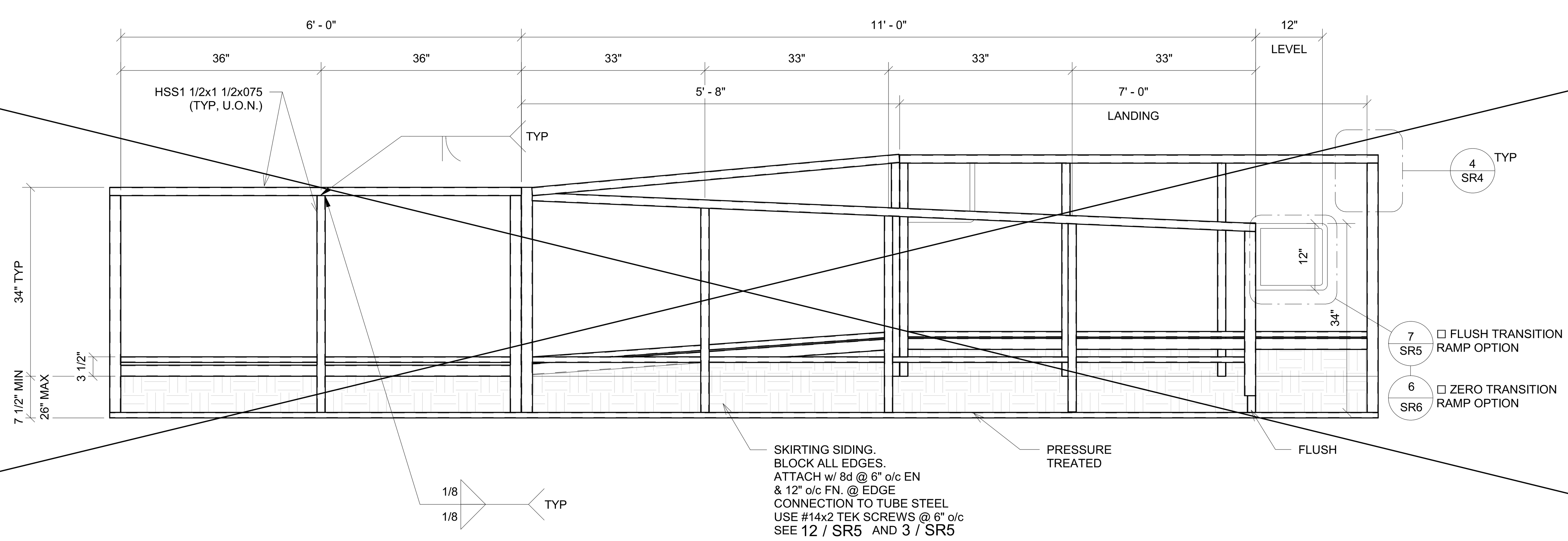
5 *3" = 1'-0"*
Conn @ Platform



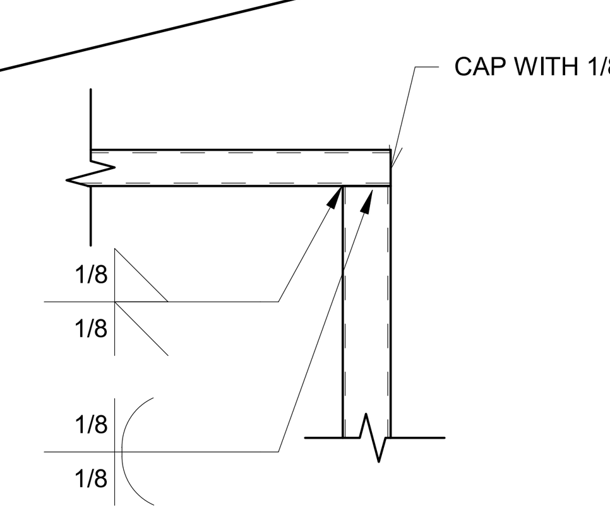
6 *3/8" = 1'-0"*
Stair



7 *1" = 1'-0"*
Stair Elev



3 *3/4" = 1'-0"*
Ramp & Landing Elevation Option X



4 *1 1/2" = 1'-0"*
Ramp & Landing Elevation Option X1 - Callout 1

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R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

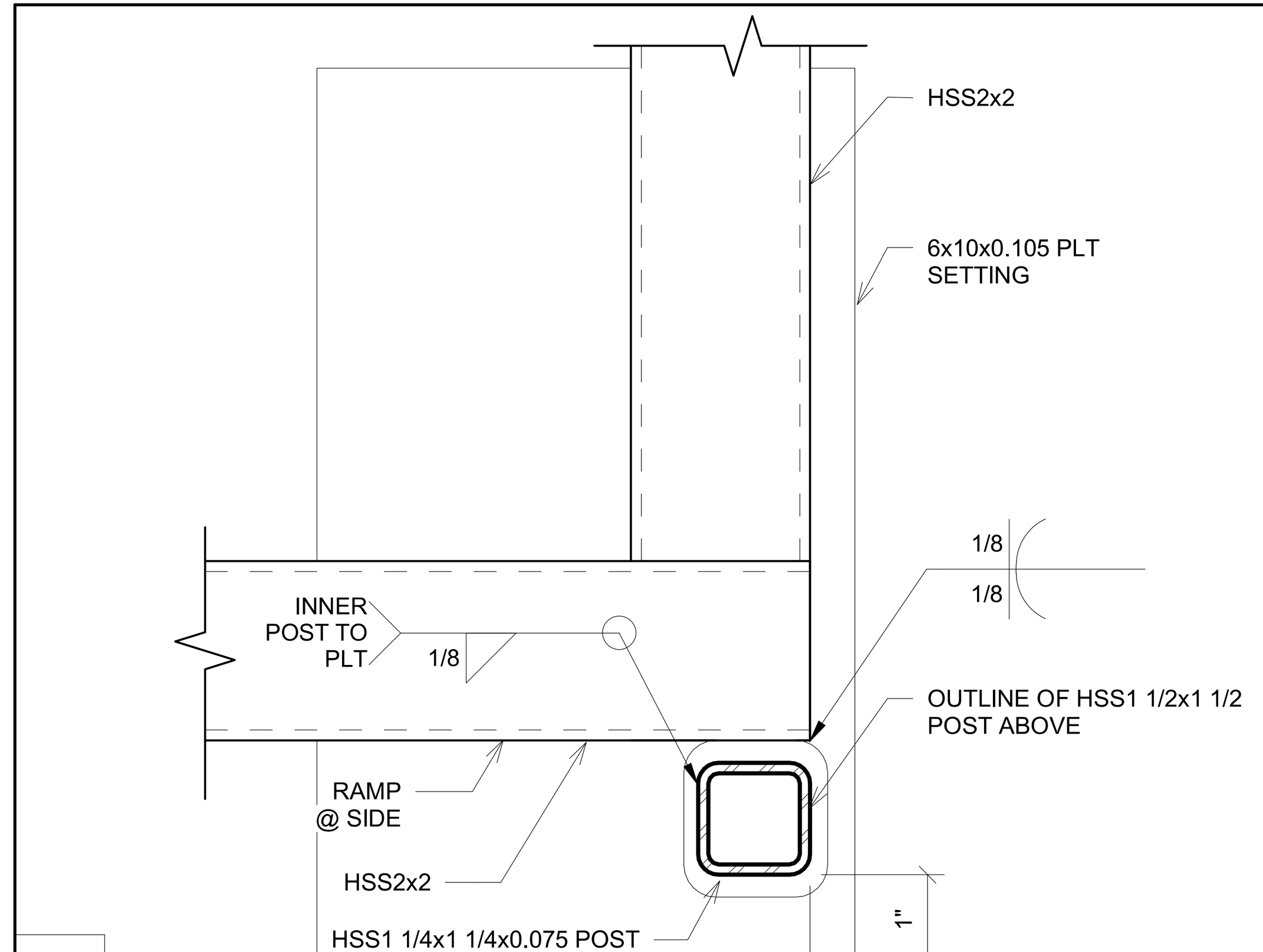
DRAWN BY
SM

CHECKED BY
rMc

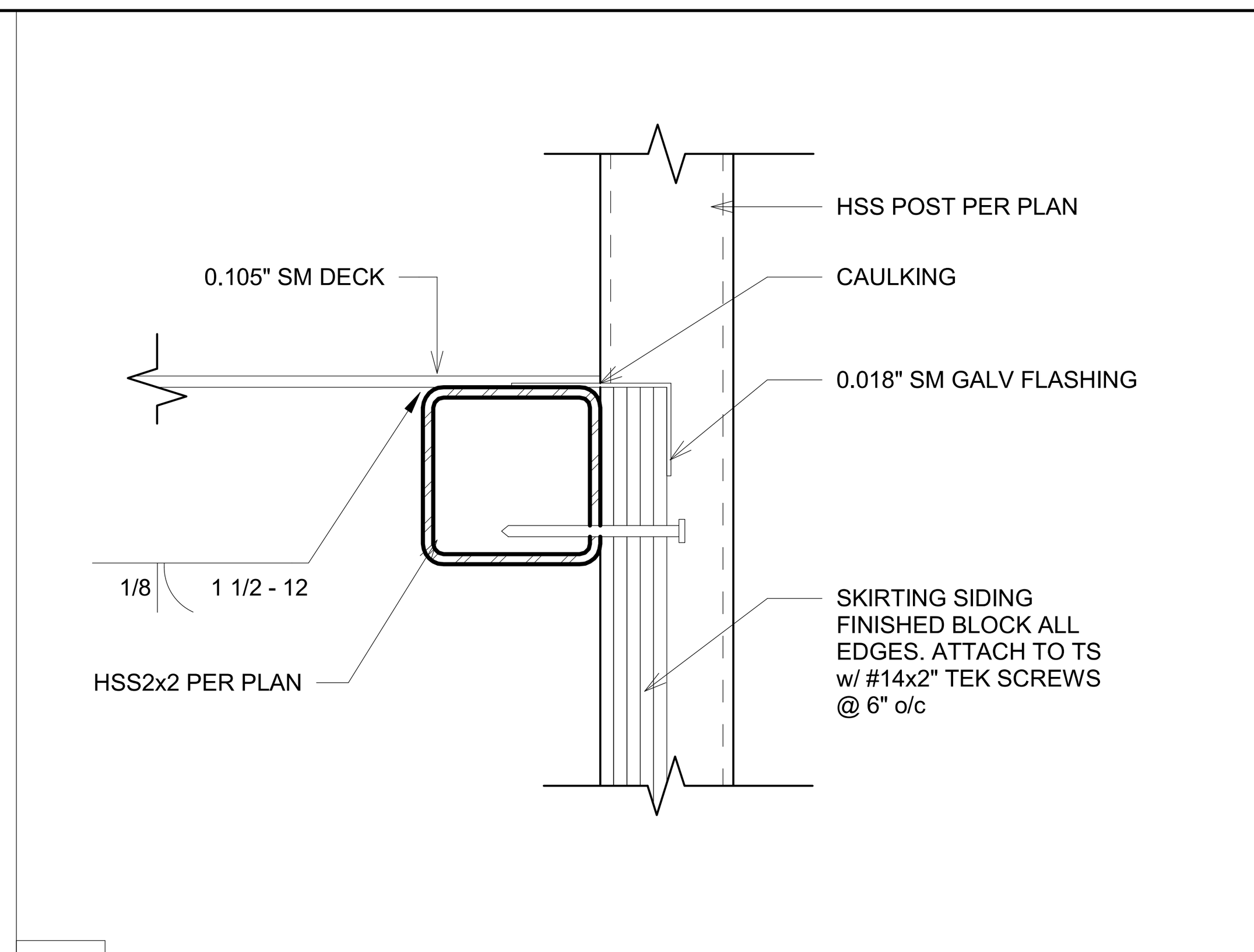
DATE
05/04/2017

SHEET NO.
SR4-5

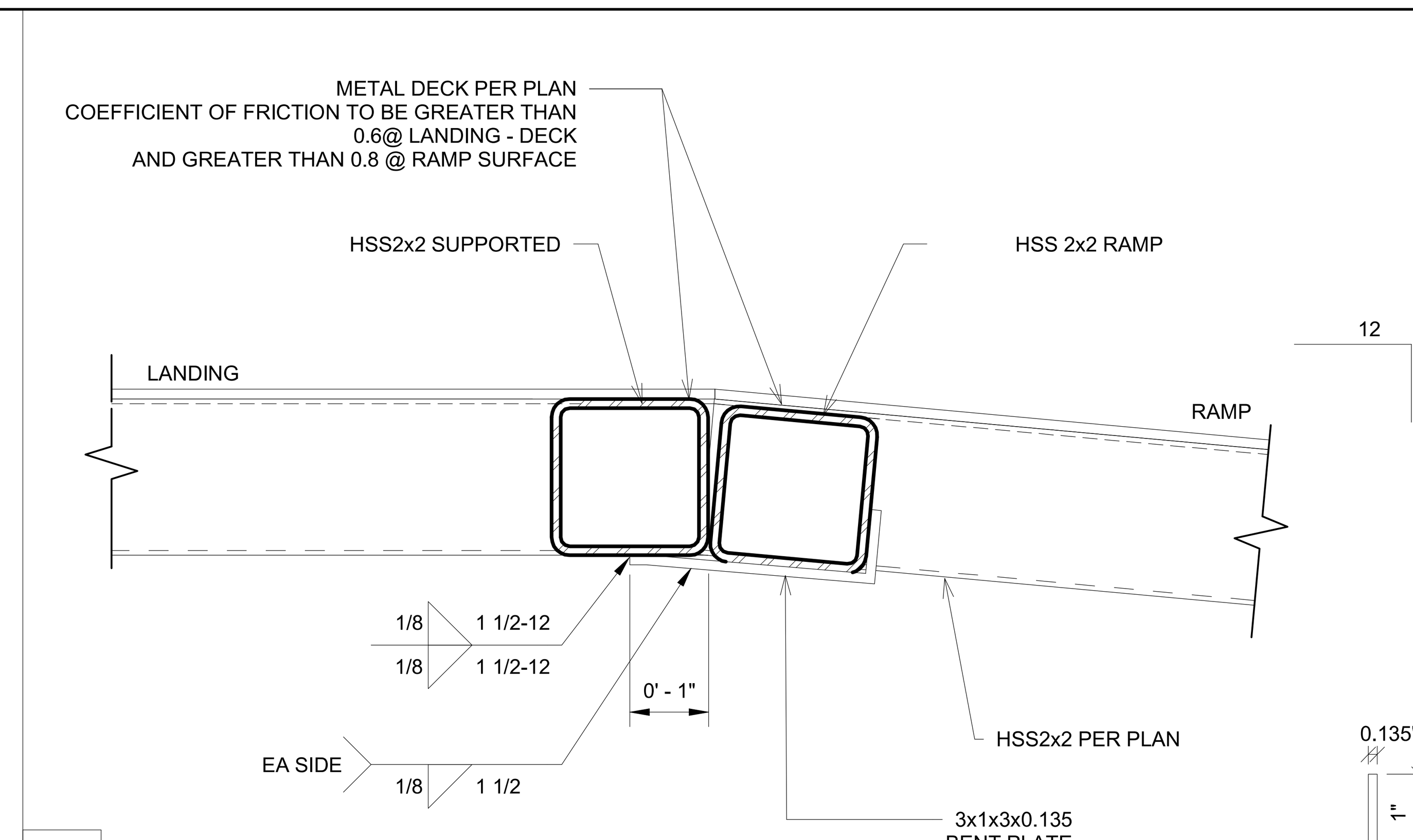
SHEET OF



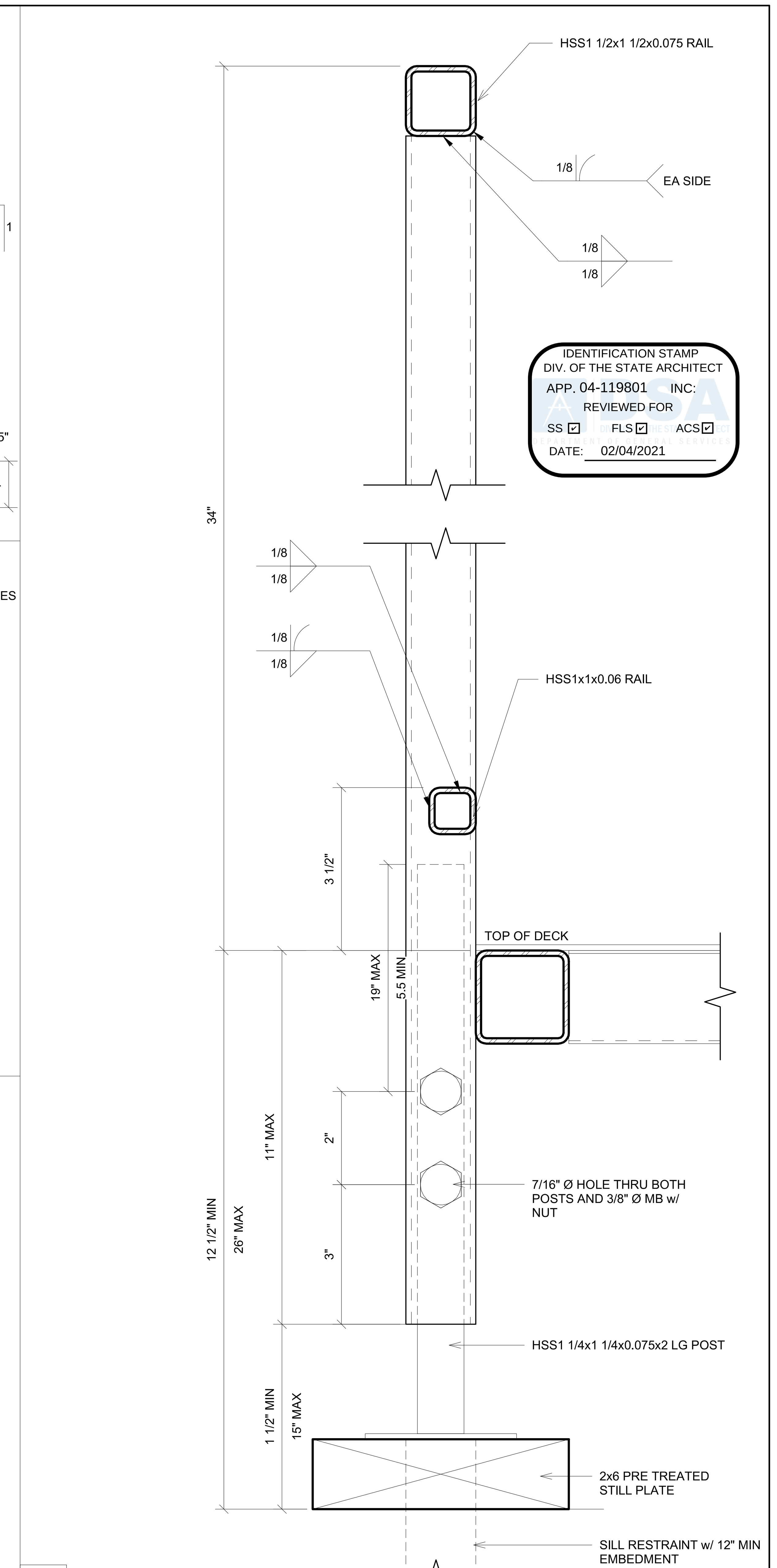
9 6" = 1'-0" *Base Plate @ Ramp Toe*



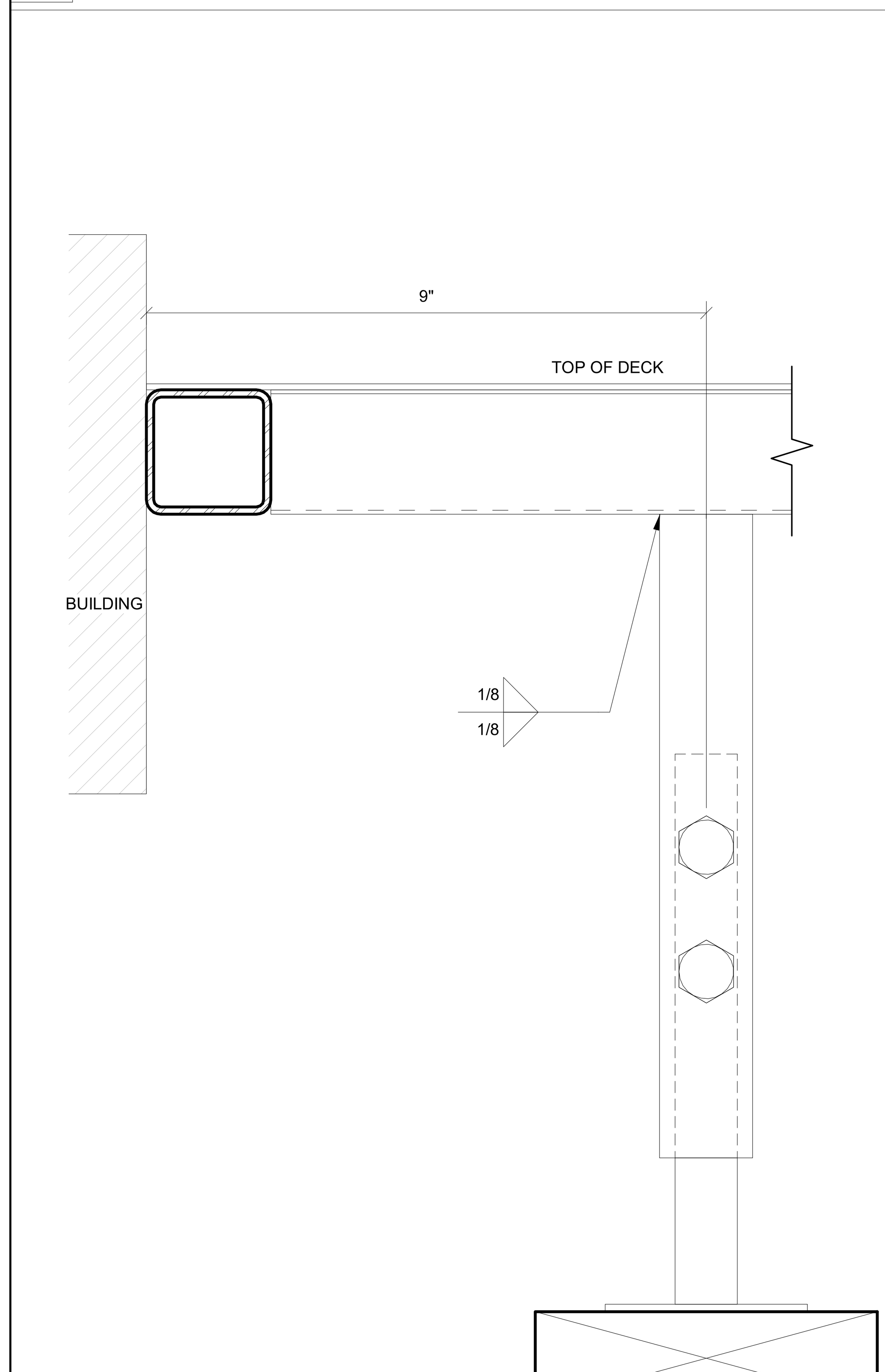
12 6" = 1'-0" *Skirt Flashing*



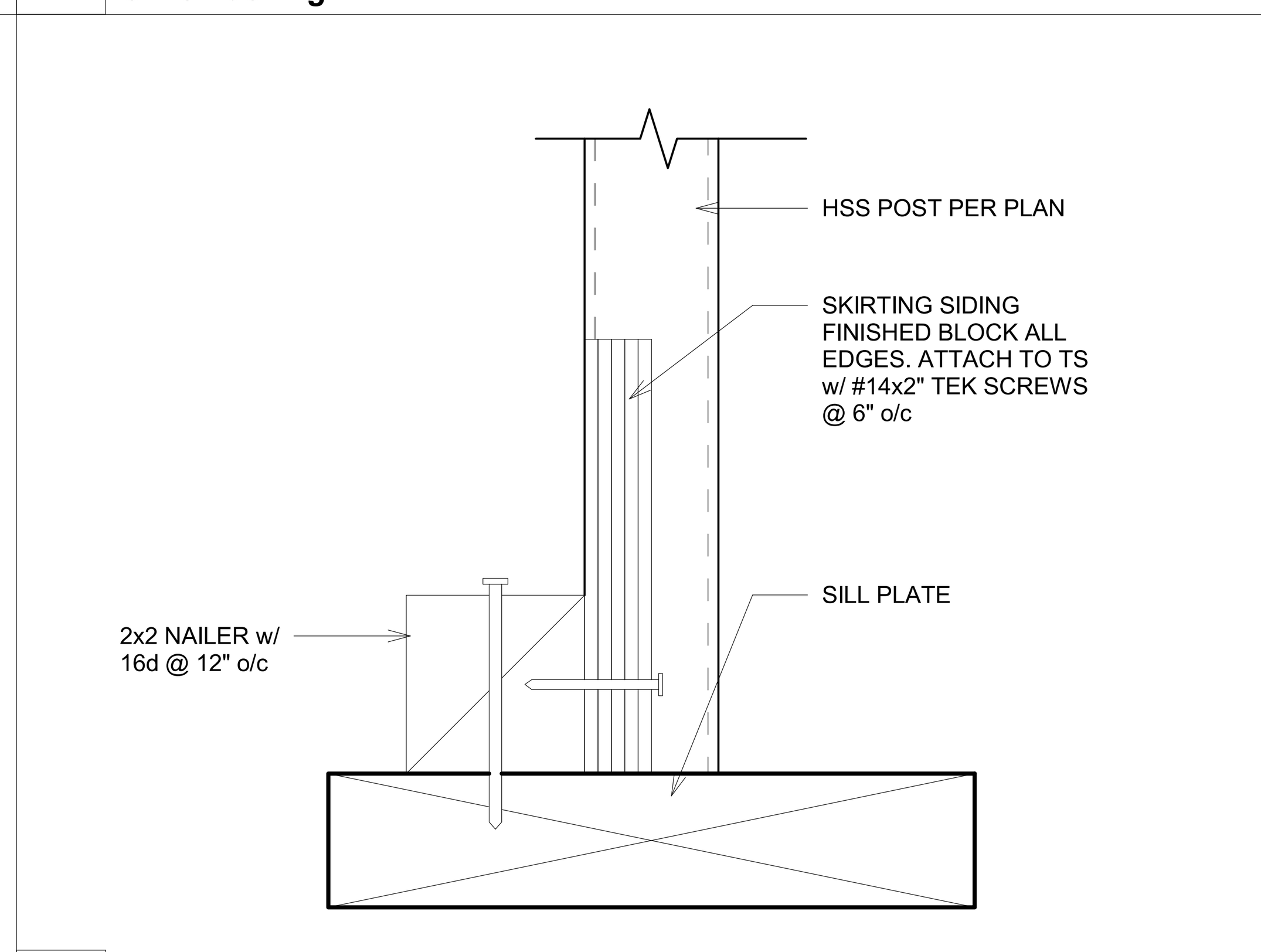
6 6" = 1'-0" *Ramp @ Landing*



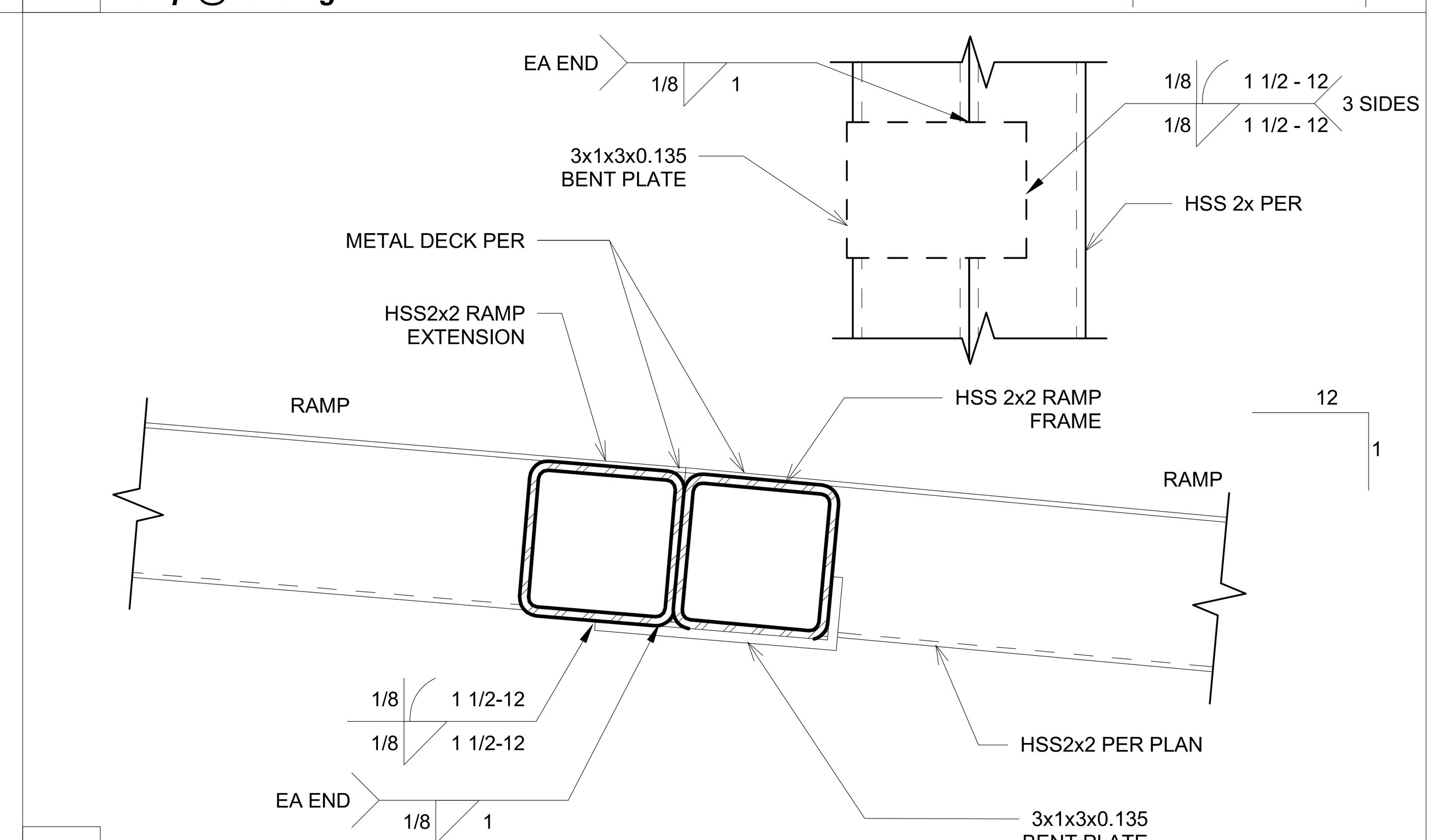
2 6" = 1'-0" *Adjustable Leg*



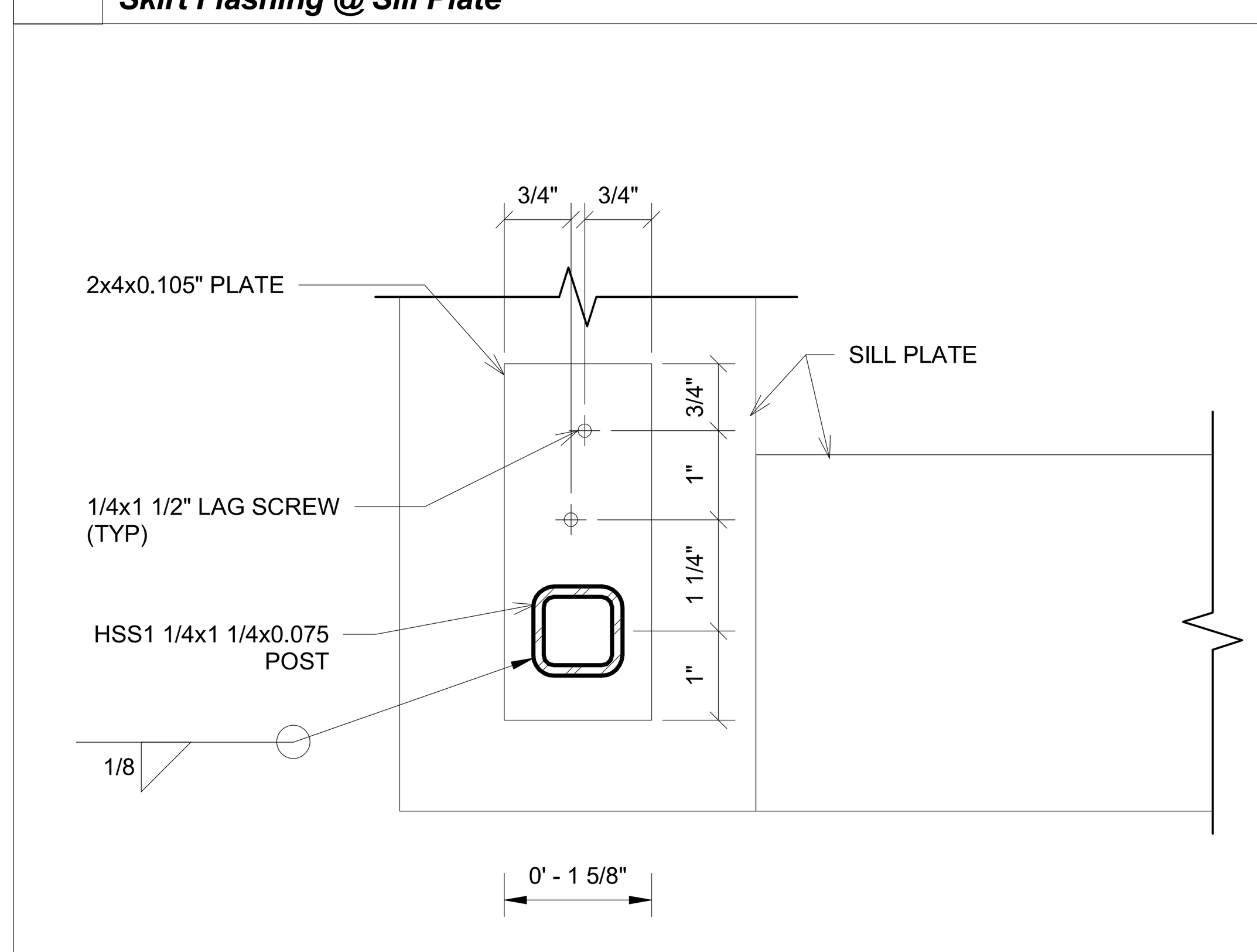
8 6" = 1'-0" *Interior Landing Leg Section*



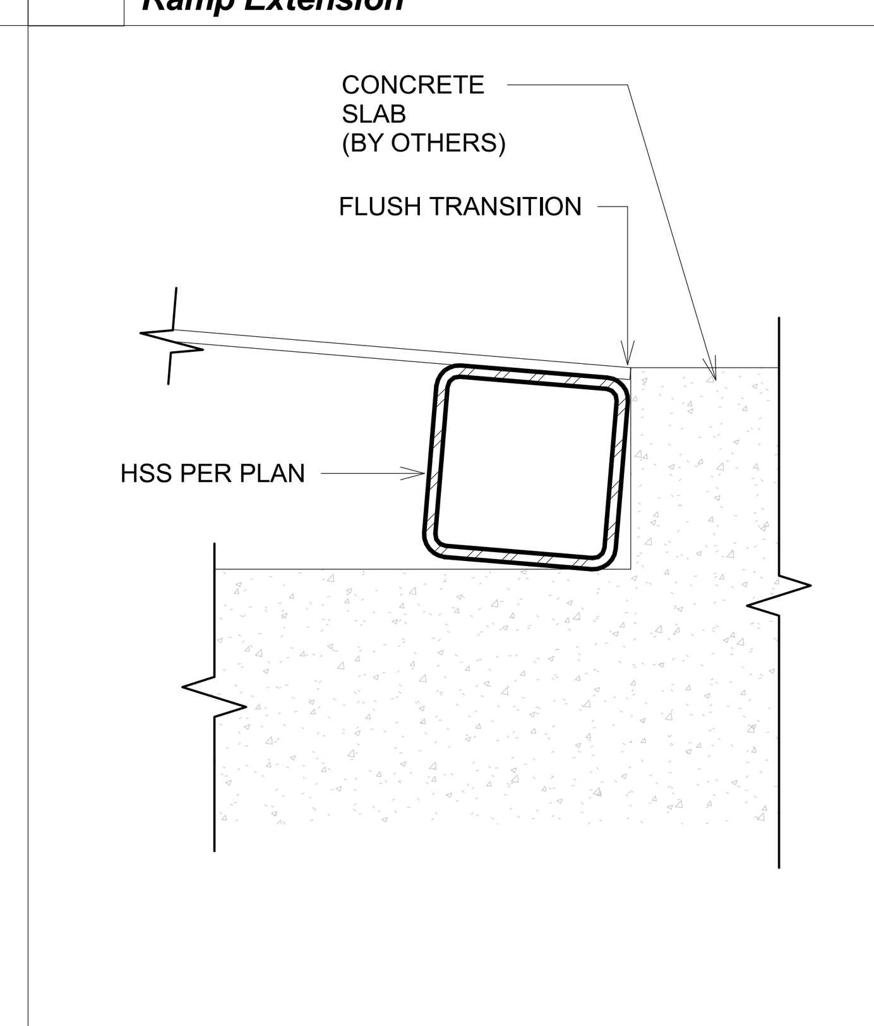
3 6" = 1'-0" *Skirt Flashing @ Sill Plate*



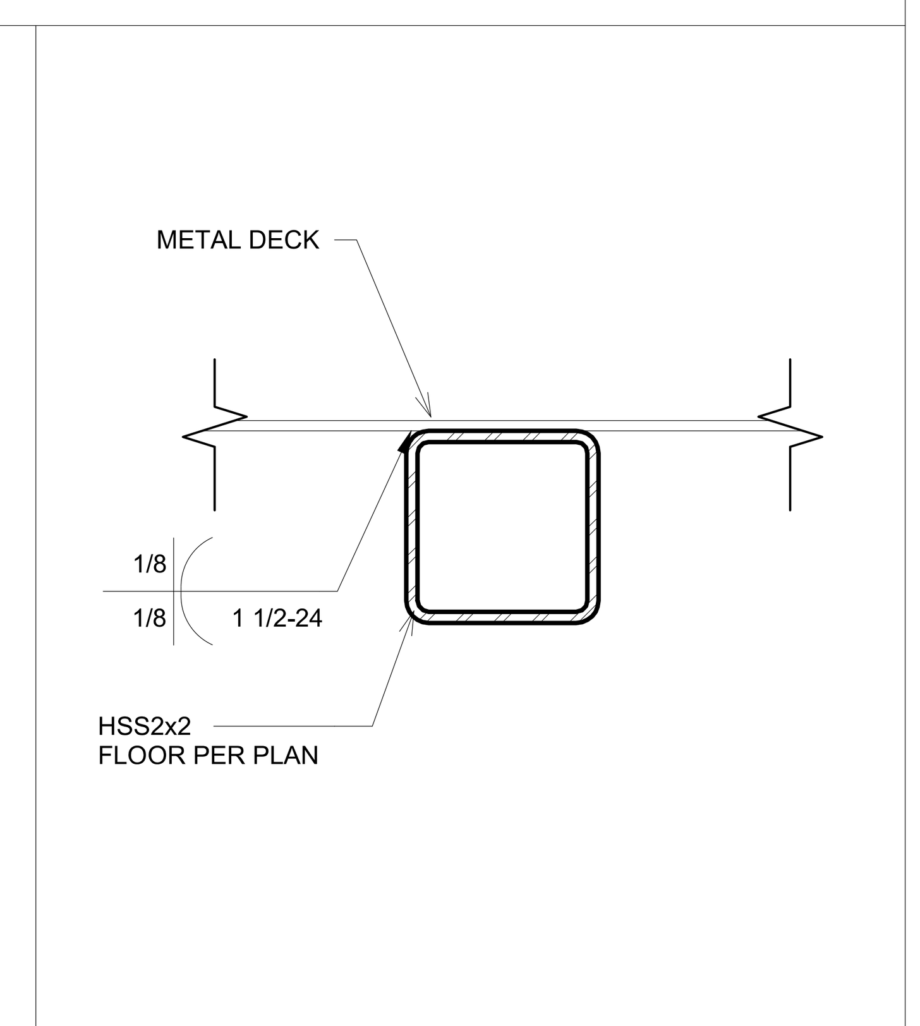
5 6" = 1'-0" *Ramp Extension*



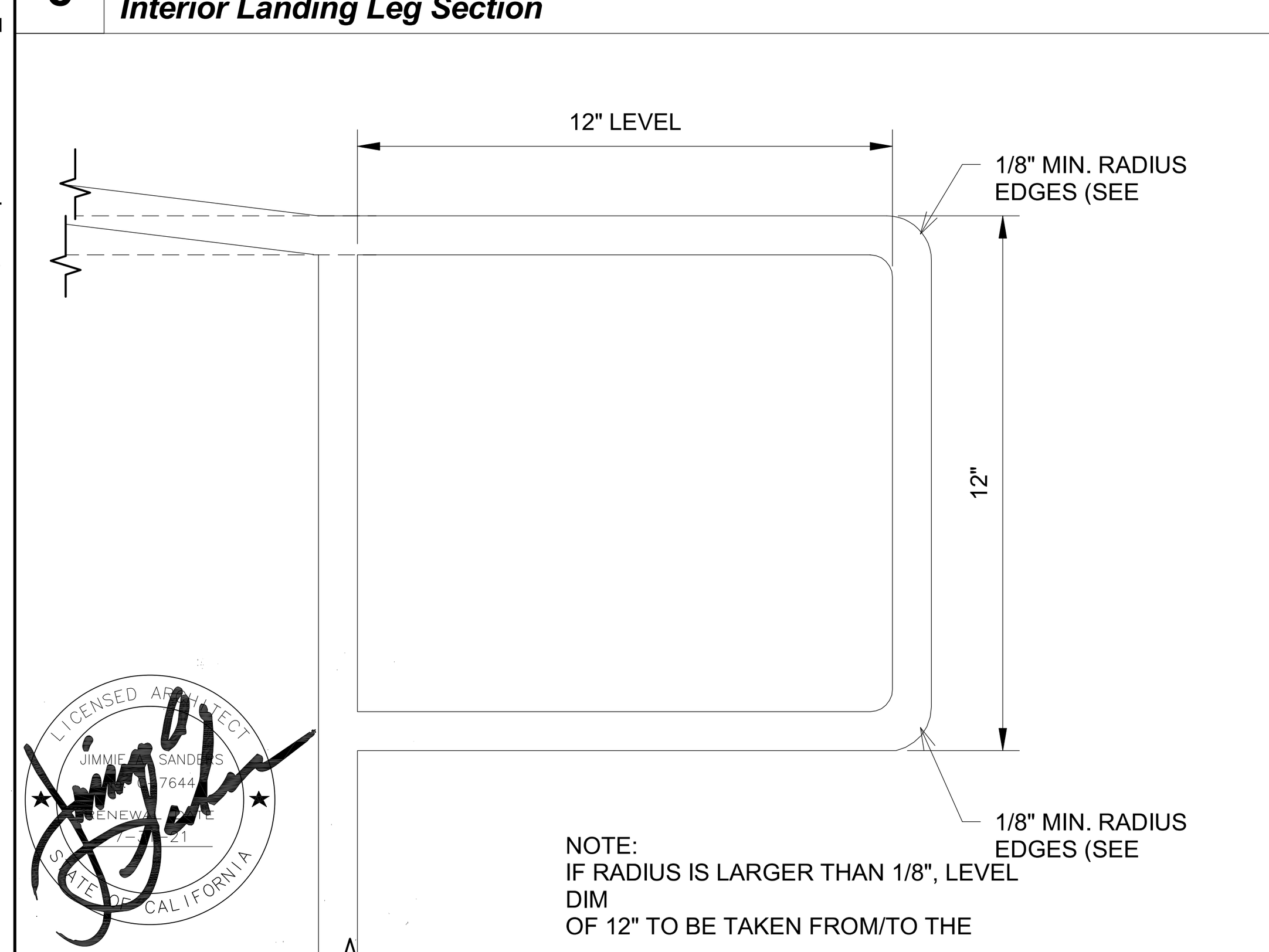
3b 6" = 1'-0" *Adjustable Leg Base Plate*



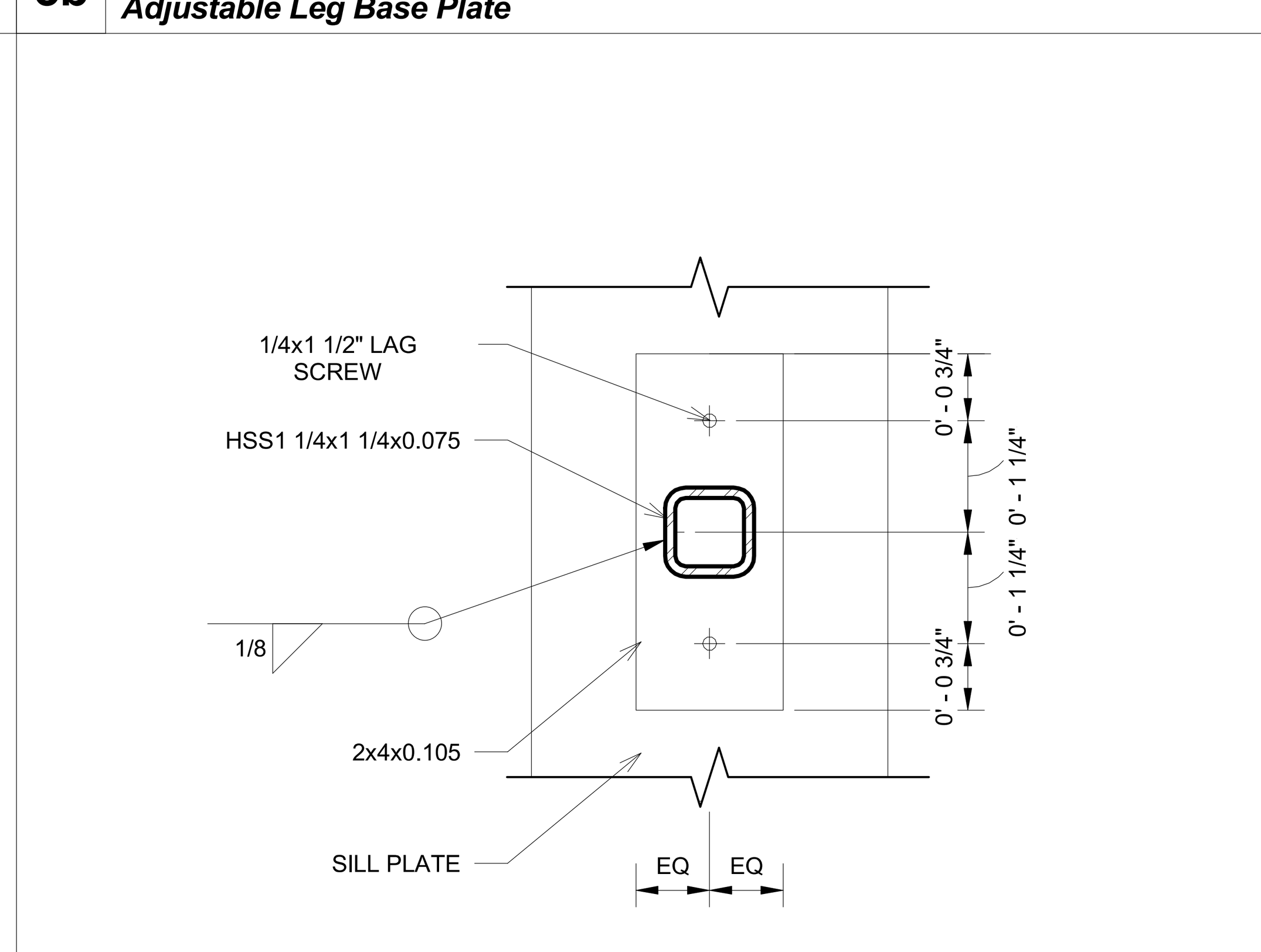
10 6" = 1'-0" *Flush Transition @ Bottom of Ramp*



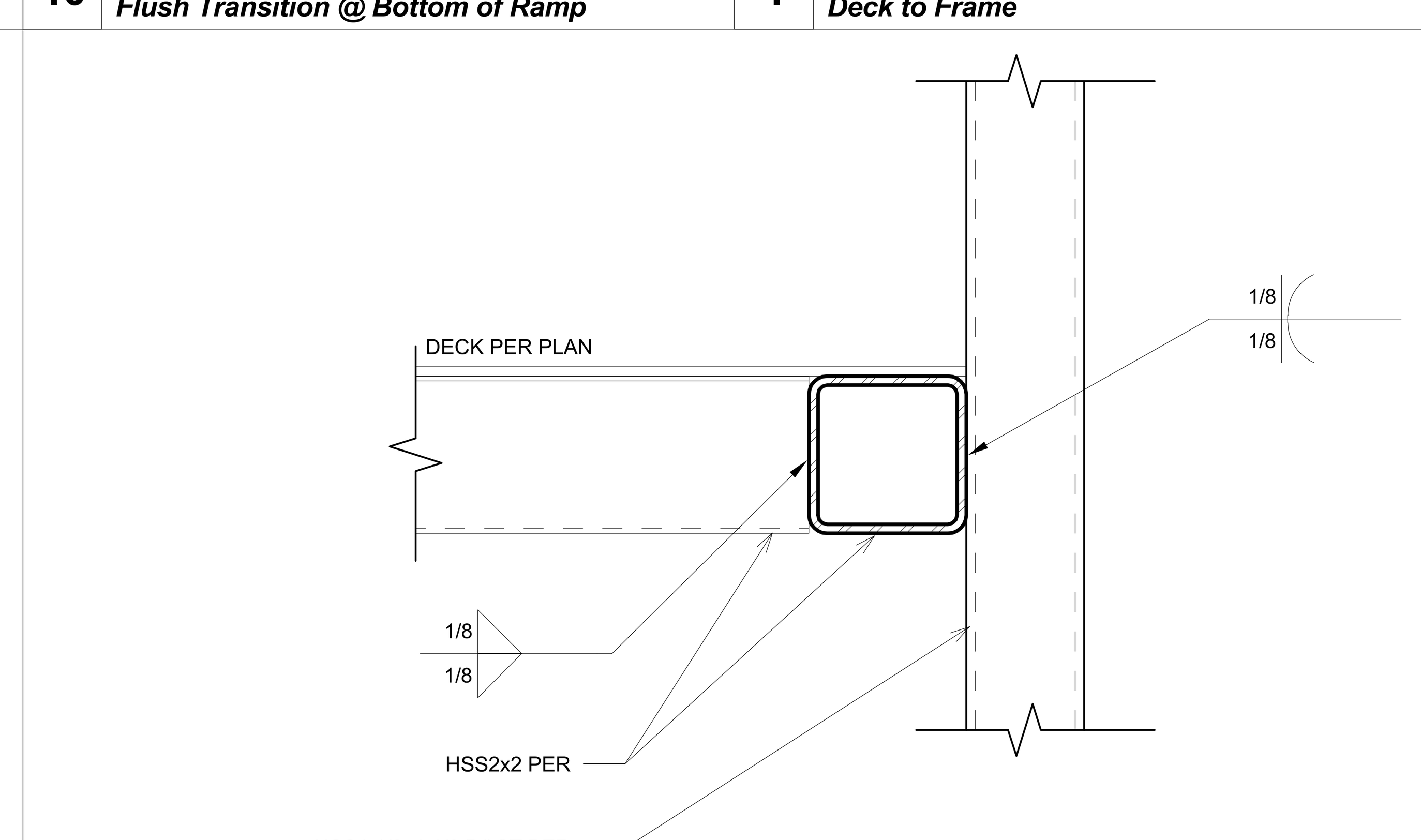
1 6" = 1'-0" *Deck to Frame*



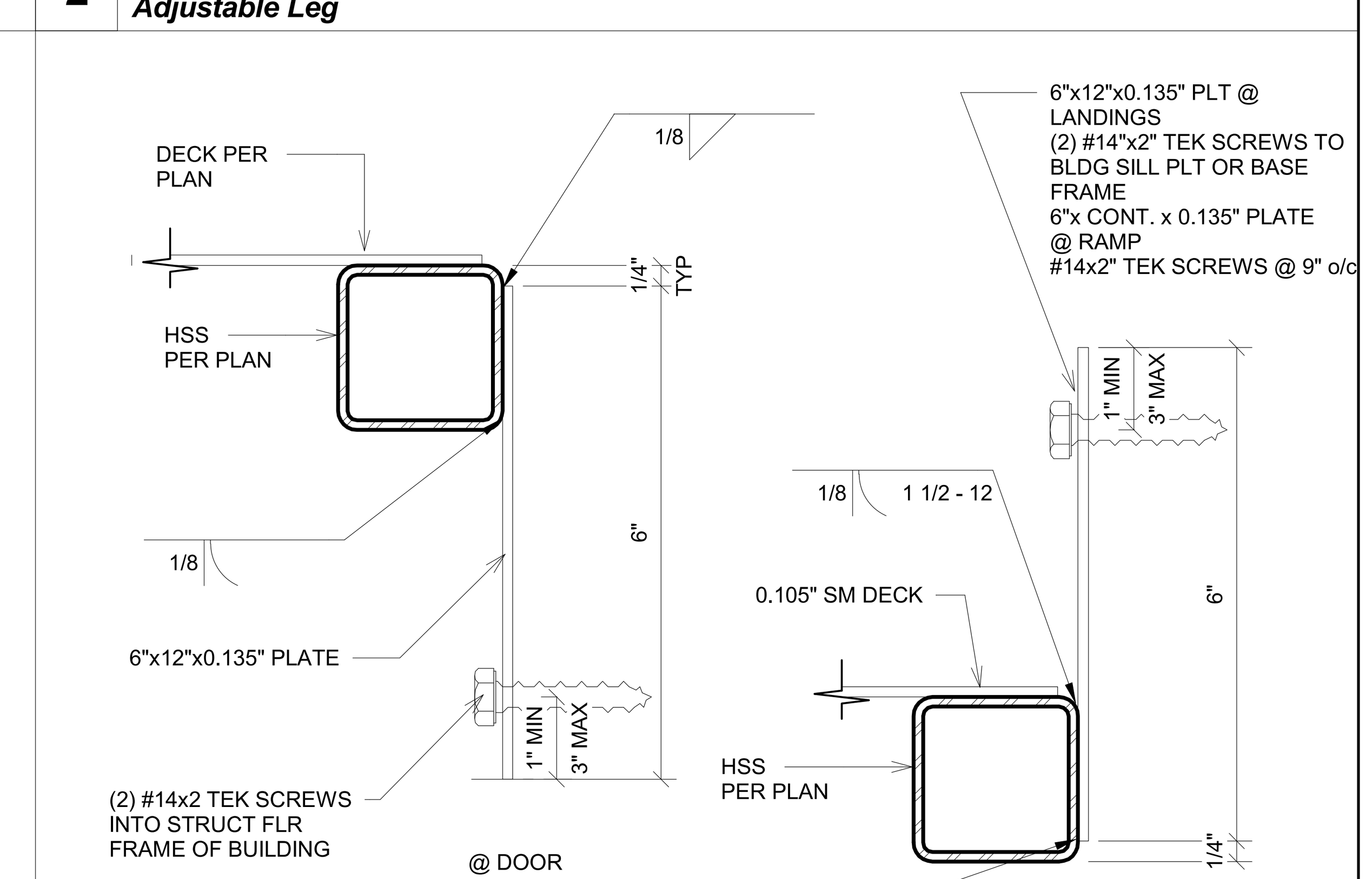
7 3" = 1'-0" *Extend Handrail @ Top or Bott. Ends*



3a 6" = 1'-0" *Adjustable Leg Plate*



4 6" = 1'-0" *Guardrail post Attachment*



11 6" = 1'-0" *Section @ Plate*

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San Diego, CA 92128

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REGISTERED PROFESSIONAL ENGINEER MANNY D. FR... S2380 STRUCTURAL STATE OF CALIFORNIA
12/19/2017

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
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04 - 116504 INCR: 0
AC RM FLS EA SSP KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

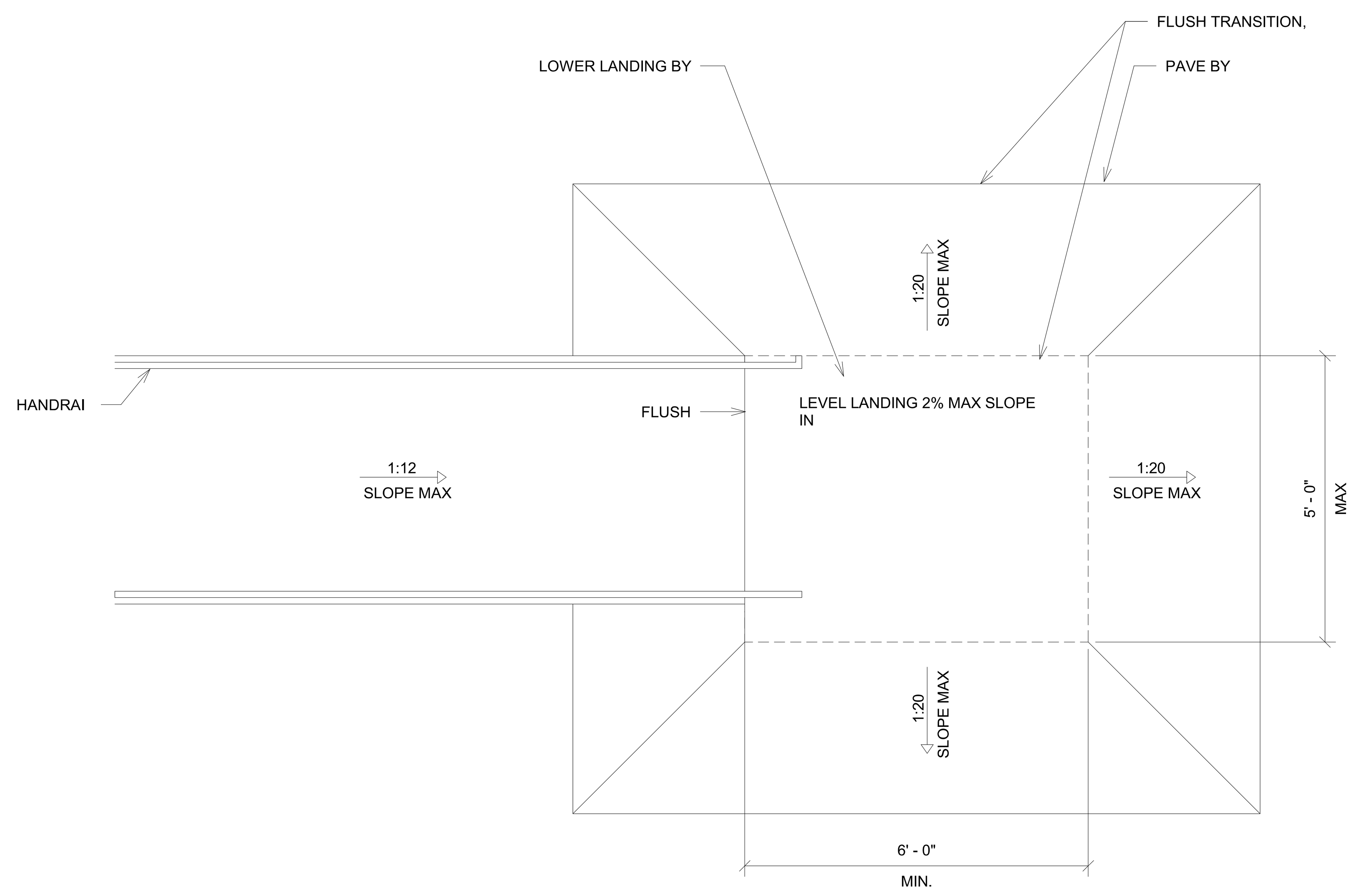
DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

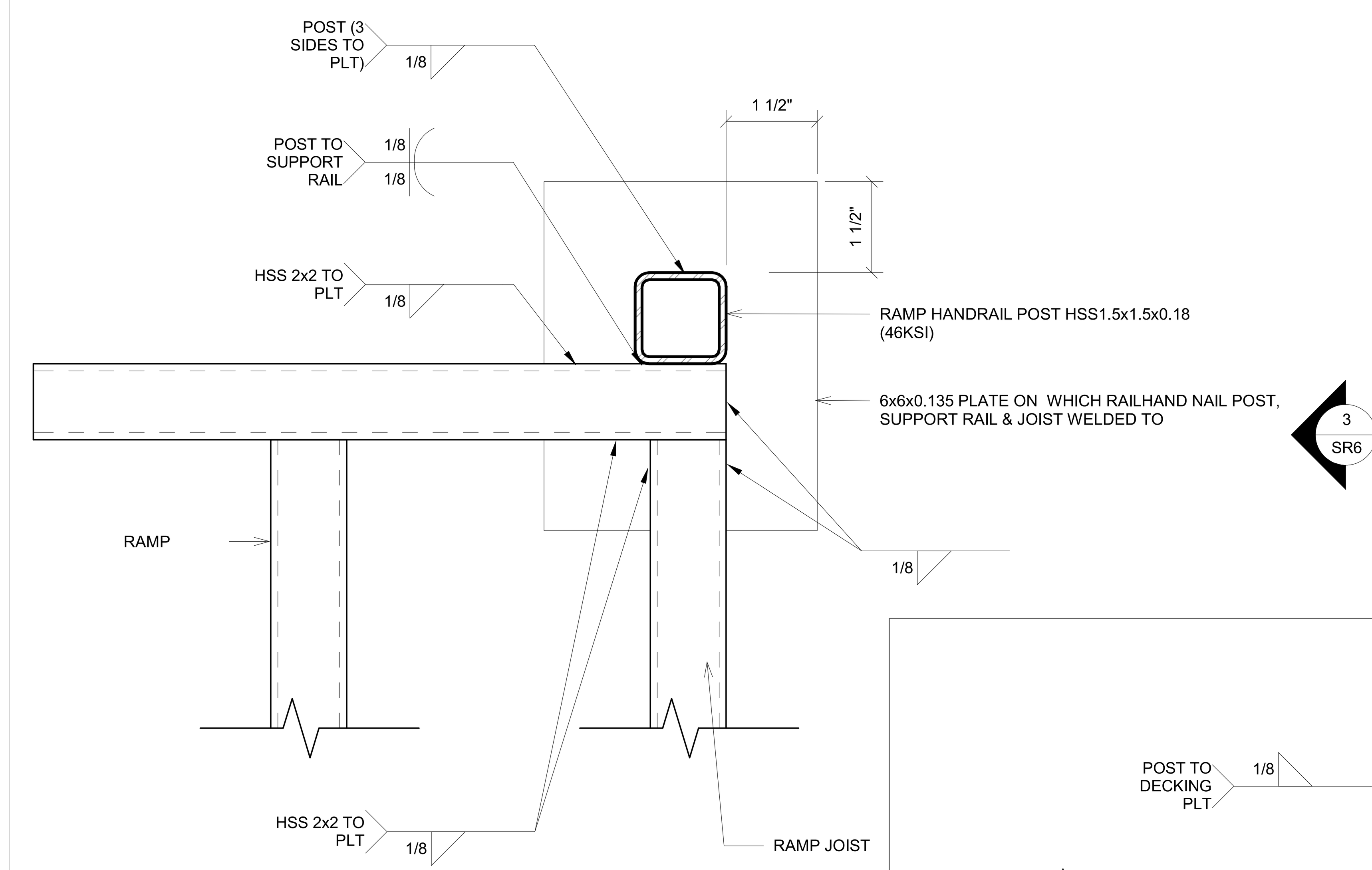
SHEET NO.
SR5-5

SHEET OF



NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

7 *1/2" = 1'-0"* ***Ramp Transition***



2 *6" = 1'-0"* ***Base Plt @ Ramp Toe For Zero Transition***

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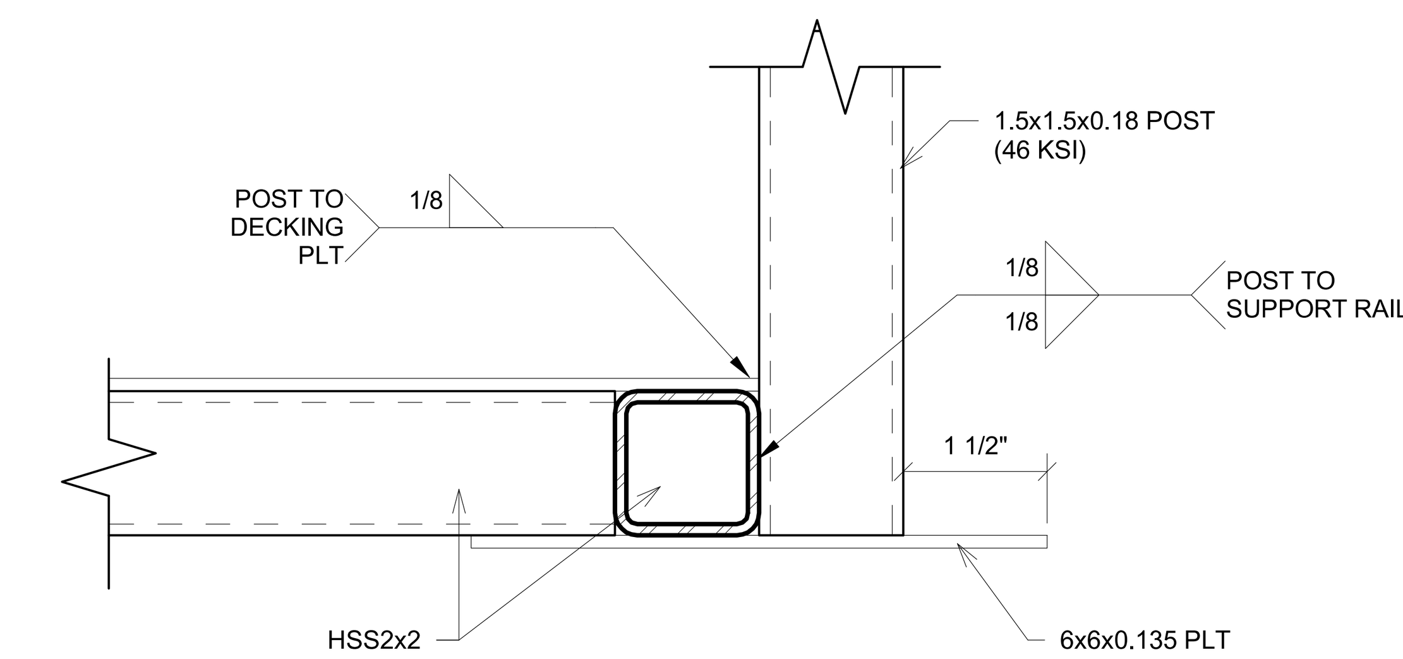
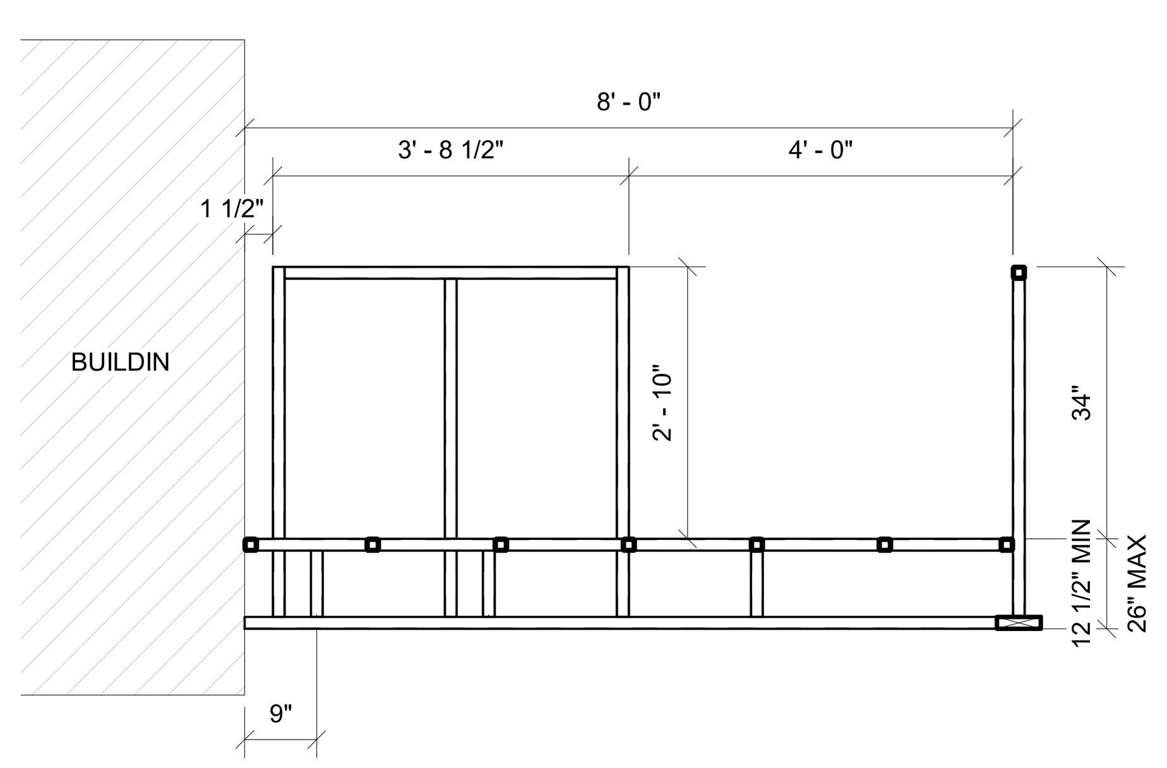
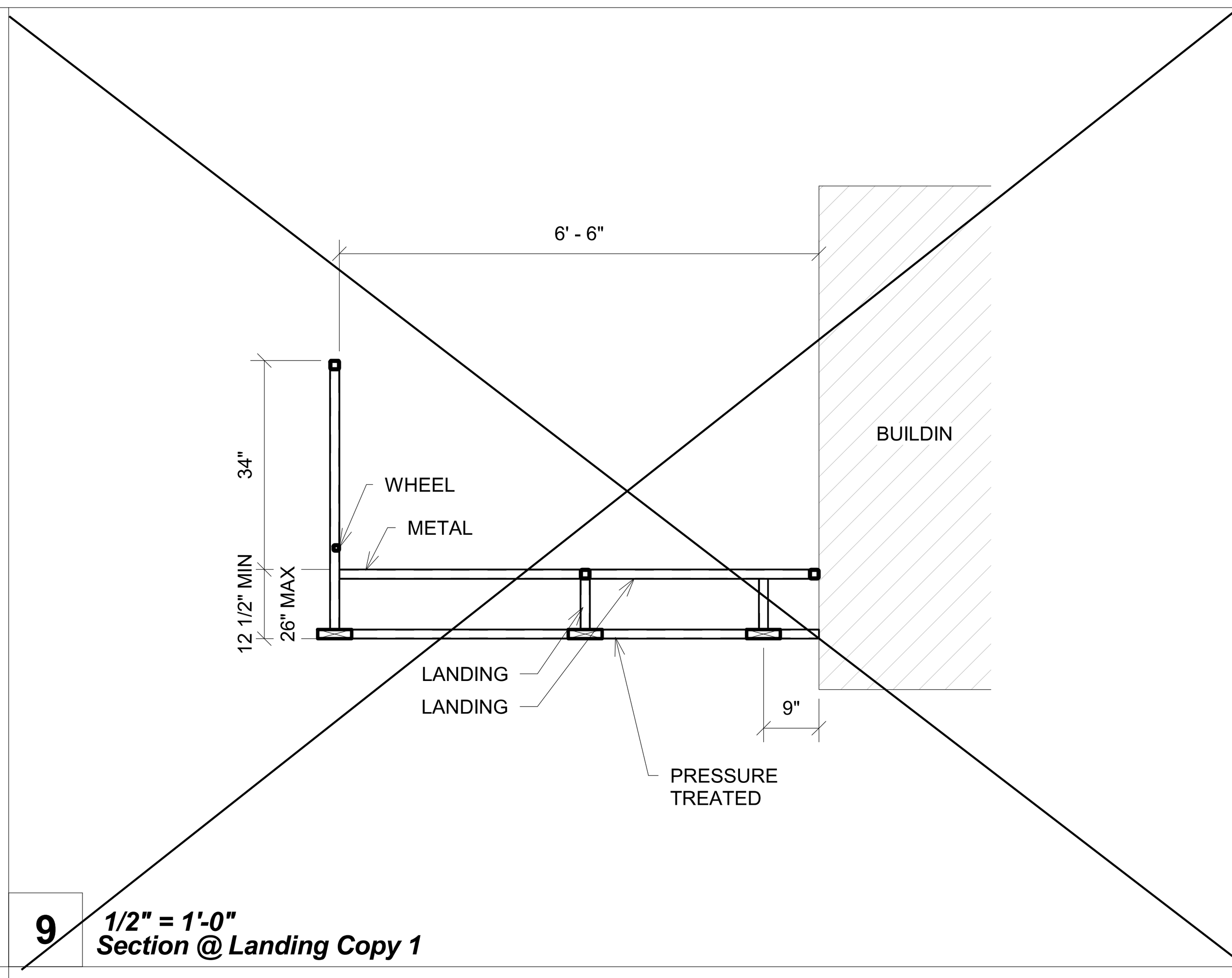


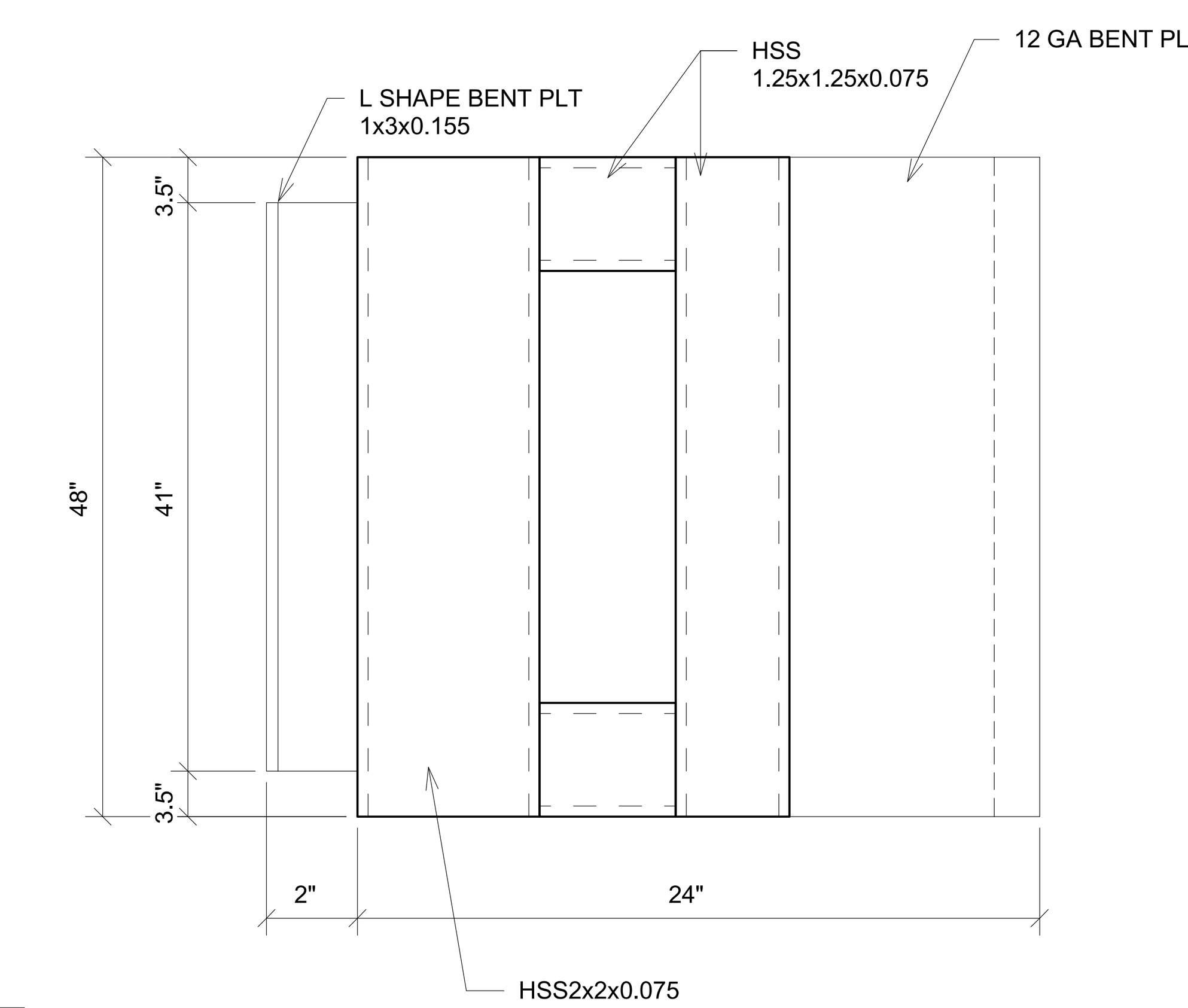
3 *6" = 1'-0"* ***Base Plt @ Ramp Toe Low Zero Side View***



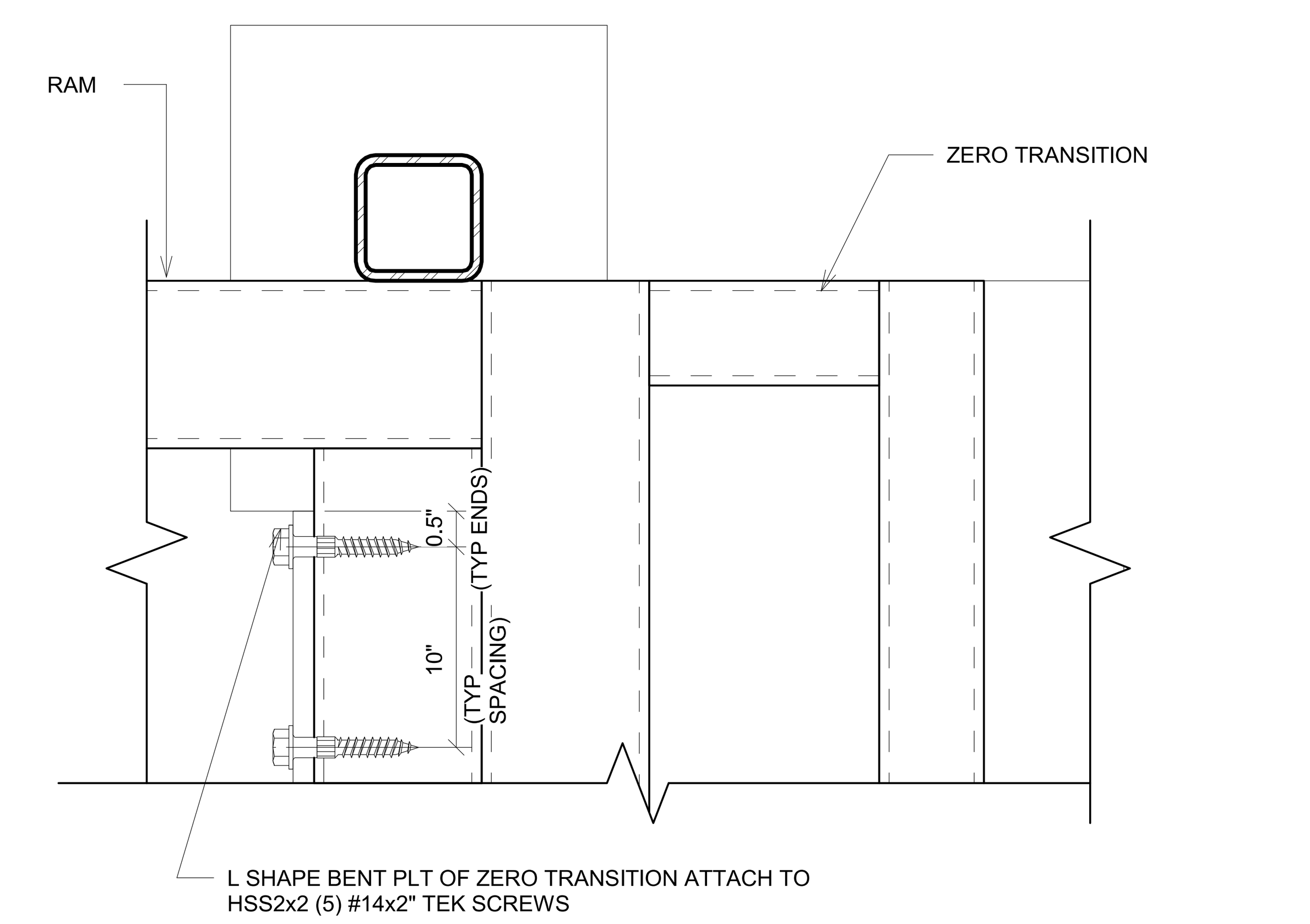
8 *1/2" = 1'-0"* ***Section @ Landing***



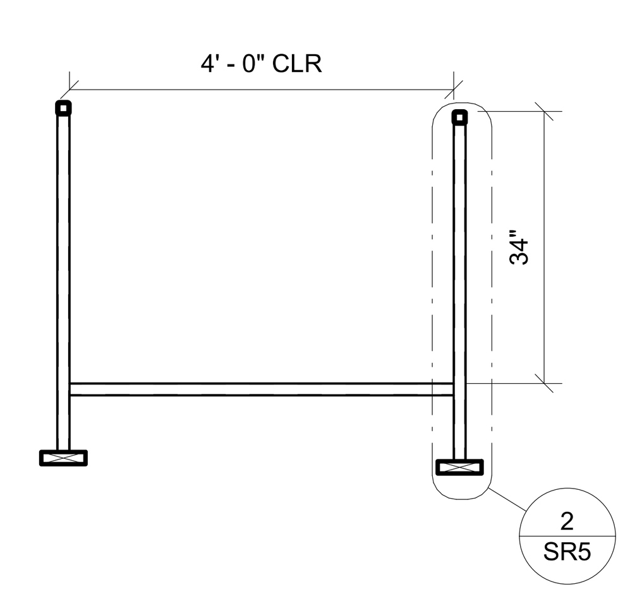
9 *1/2" = 1'-0"* ***Section @ Landing Copy 1***



4 *6" = 1'-0"* ***Top View Ramp Zero Transition***

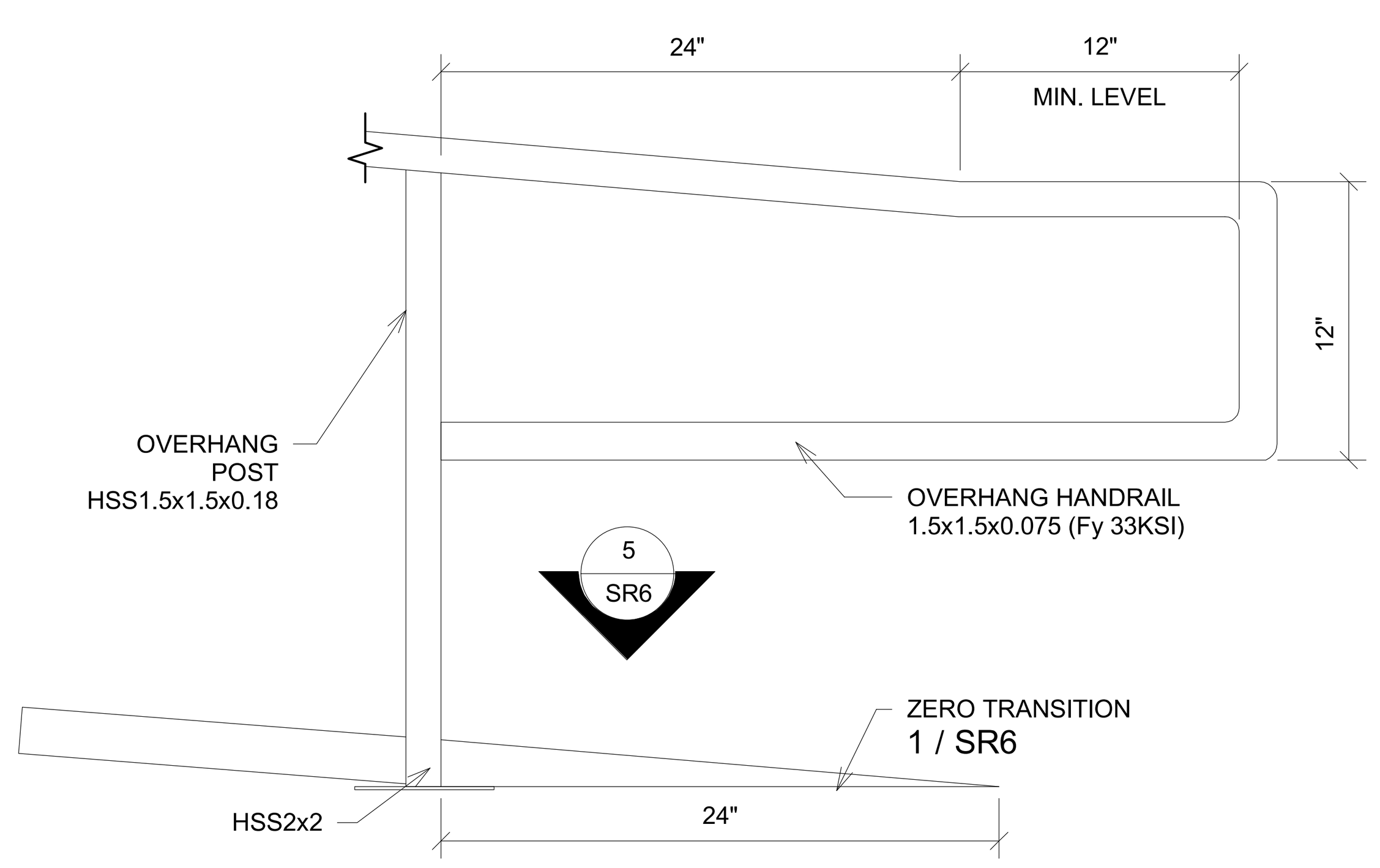


5 *6" = 1'-0"* ***Zero Transition Ramp Connection***



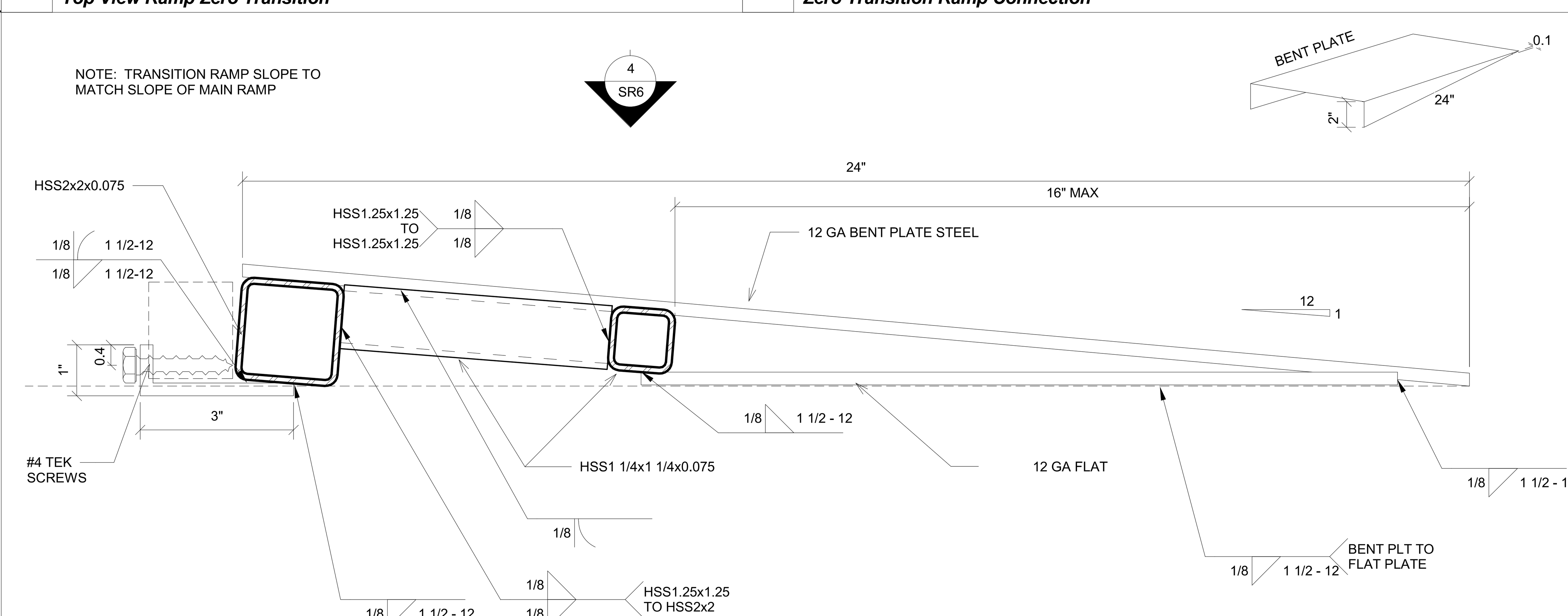
10 *1/2" = 1'-0"* ***Section @ Ramp***

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



6 *1 1/2" = 1'-0"* ***Extend Handrail @ Bottom End For Zero Transition Ramp***

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



1 *6" = 1'-0"* ***Zero Transition Ramp***

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SAN DIEGO, CA 92128

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12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

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PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
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PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-5

SHEET OF

MODULAR CLASSROOM BUILDINGS

BUILDING SIZE: 24' X 40'

EXPANDABLE TO 120' X 40'

PC 04-112072

BY

SILVER CREEK INDUSTRIES, INC.
195 EAST MORGAN, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

CLASS LEASING STOCKPILE ~~(9) 36X40~~ BUILDING

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2010 CBC 705.3
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE SHEET S-0.1 STRUCTURAL SPECIFICATIONS
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2010 CBC.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.
10. SEE SHEETS A-0.6, A-0.7 AND A-0.8 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.

The automatic fire sprinkler system for this PC has been designed for light hazard occupancies

BUILDING DATA

NUMBER OF STORIES:	1 - STORY	
OCCUPANCY:	E: 24' - 120' x 40' BUILDINGS	
TYPE OF CONSTRUCTION:	VB	
FLOOR LIVE LOAD:	☐ 50 PSF ☐ 100 PSF	☒ 50+15 PSF PARTITION LOAD ☐ 150 PSF
ROOF LIVE LOAD:	20 PSF	
FLOOR DEAD LOAD:	☑ WOOD FLOOR - 8 PSF	☐ CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)	
RAMP LIVE LOAD:	100 PSF	
BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS) ALLOWABLE AREA = 9500 SF	☐ 24'x40' BLDG - 960 SF/1140 SF ☑ 36'x40' BLDG - 1440 SF/1710 SF ☐ 48'x40' BLDG - 1920 SF/2280 SF ☐ 60'x40' BLDG - 2400 SF/2850 SF ☐ 72'x40' BLDG - 2880 SF/3420 SF	☐ 84'x40' BLDG - 3360 SF/3990 SF ☐ 96'x40' BLDG - 3840 SF/4560 SF ☐ 108'x40' BLDG - 4320 SF/5130 SF ☐ 120'x40' BLDG - 4800 SF/5700 SF
FOUNDATION:	☐ WOOD	☐ CONCRETE
CEC CLIMATE ZONES:	1- 16	

WIND DESIGN DATA SECTION 1603.A.1.4

1. BASIC WIND SPEED, 3 SEC GUST (MPH) :			100 / Kzt = 1.0
2. WIND IMPORTANCE FACTOR :			1
3. WIND EXPOSURE :			"C"
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT :			± 0.18
5. COMPONENTS AND CLADDING :			
ZONE 1 =	23.1	ZONE 4 =	22.6
ZONE 2 =	38.8	ZONE 5 =	27.8
ZONE 3 =	58.4		

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS	2010 EDITION
NFPA 72	NAT. FIRE ALARM CODE (CALIF. AMENDED)	2010 EDITION

(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR :				1
2. MAPPED SPECTRAL RESPONSE :				
S_S = 1.5 (FOR BASE SHEAR)		S_1 = 0.954		
S_S = 2.14 (FOR ARCHITECTURAL COMPONENTS)				
3. SITE CLASS				D
4. SPECTRAL RESPONSE COEFFICIENTS :				
S_{DS} = 1		S_{D1} = 0.95		
5. SEISMIC DESIGN CATEGORY :				E
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM :				OMF
7. DESIGN BASE SHEAR (kips) :				
CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X		X		23.11
	X	X		16.24
X			X	31.35
	X		X	24.48
8. SEISMIC RESPONSE COEFFICIENT, Cs :				0.286
9. RESPONSE MODIFICATION FACTOR, R :				3.5
10. ANALYSIS PROCEDURE USED :				EQUIVALENT LATERAL FORCE
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS				6" SEP.

APPLICABLE CODES (AS OF JANUARY 1, 2011)

LIST OF 2010 CALIFORNIA CODE OF REGULATIONS

2010 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2010 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2, PART 2, TITLE 24 C.C.R. (2009 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2009 IAPMO UNIFORM MECHANICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2009 IAPMO UNIFORM PLUMBING CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. (2008 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICENCY STANDARDS)
2010 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2009 INTERNATIONAL FIRE CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA GREEN CODE, PART 11, TITLE 24 C.C.R.
2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

CLASS LEASING, LLC STOCKPILE 127 36x40 BUILDINGS

JOB #	SERIAL #	ROOF SLOPE	OTHER INFO
10636	10246-47-48	MONO	Music Classroom
10636	10249-50-51	MONO	Art Classroom
10639	10264-65-66	MONO	CR-1
10639	10267-68-69	MONO	CR-2
10639	10270-71-72	MONO	CR-3
10639	10273-74-75	MONO	CR-4
10639	10276-77-78	MONO	CR-5
10639	10279-80-81	MONO	CR-6
10639	10282-83-84	MONO	CR-7

IMPERIAL COLLEGE

(1) 36x40 CLASSROOM

COMPUTER LAB

S/N# 10249/50/51

PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2014*

2013 California Administrative Code, Part 1, Title 24 C.C.R.*
2013 California Building Code (CBC), Part 2, Title 24 C.C.R. (2012 International Building Code Volumes 1-2 and 2013 California Amendments)
2013 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (2011 National Electrical Code and 2013 California Amendments)
2013 California Mechanical Code (CMC) Part 4, Title 24 C.C.R. (2012) Uniform Mechanical Code and 2013 California Amendments)
2013 California Plumbing Code (CPC), Part 5, Title 24 C.C.R. (2012) Uniform Plumbing Code and 2013 California Amendments)
2013 California Energy Code (CEC), Part 6, Title 24 C.C.R.*
2013 California Fire Code, Part 9, Title 24 C.C.R. (2012 International Fire Code and 2013 California Amendments)
2013 California Green Building Standards Code, Part 11, Title 24 C.C.R.
2013 California Referenced Standards, Part 12, Title 24 C.C.R.
Title 19 C.C.R., Public Safety, State Fire Marshal Regulations.
2007 ASME A17.1(w/A17.1a/CSA B44a-08 addenda) Safety Code For Elevators And Escalators

FOR ADA REVIEW ONLY

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	Automatic Sprinkler Systems	2013 Edition
NFPA 14	Standpipe Systems	2013 Edition
NFPA 17	Dry Chemical Extinguishing Systems	2013 Edition
NFPA 17a	Wet Chemical Systems	2013 Edition
NFPA 20	Stationary Pumps	2013 Edition
NFPA 22	Water tanks for Private Fire Protection	2013 Edition
NFPA 24	Private Fire Mains	2013 Edition
NFPA 72	National Fire Alarm Code	2013 Edition
NFPA 80	Fire doors and Other Opening Protectives	2013 Edition
NFPA 92	Standard for Smoke Control Systems	2012 Edition
NFPA 253	Critical Radiant Flux of Floor Covering Systems	2006 Edition
NFPA 2001	Clean Agent Fire Extinguishing Systems	2012 Edition
ICC 300	ICC Standards on Bleachers, Folding and Telescoping Seating and Grand stands	2012 Edition
UL 300	Fire Testing of Fire Extinguishing Systems for Protection Of Restaurant Cooking Areas	2005 Edition
UL 464	Audible Signal Appliances	2003 Edition
UL 521	Heat Detectors for Fire Protective Signaling Systems	1999 Edition

Reference code section for NFPA Standards- 2013 CBC (SFM) Chapter 35. See Chapter 35 for State of California amendments to NFPA Standards.

***All parts of the 2013 California Building Code become effective January 1, 2014 except the effective date for the use of the 2013 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10 and Part 6, and affected provisions in Part 11 [Cal. Green Building Standards Code]) is July 1, 2014 and the effective date for California Administrative Code, Part 1, Title 24 is February 28, 2013.**

SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING/STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

SHEET INDEX

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE (9) 36X40 BUILDING

SHEET TITLE:
COVER SHEET

TAVARES ASSOCIATES
12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE
C10322
STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
DATE DEC 04 2014
FLS: E. FERRER SSS: K ROBERTS
ACS: SCOTT DAVISON

ORIGINAL PC STATE AGENCY APPROVAL
DEC 19 2011
PRE-CHECK (PC) DOCUMENT CODE: 2010CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
DATE DEC 19 2011
ACS: S DAVISON
FLS: JAMES ARMAN

REVISIONS
1 PER PROJECT SPECIFIC REQUIREMENTS - 10.15.2014

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER
A-0-6
STKP 127

SCANNED

WINDOW SCHEDULE

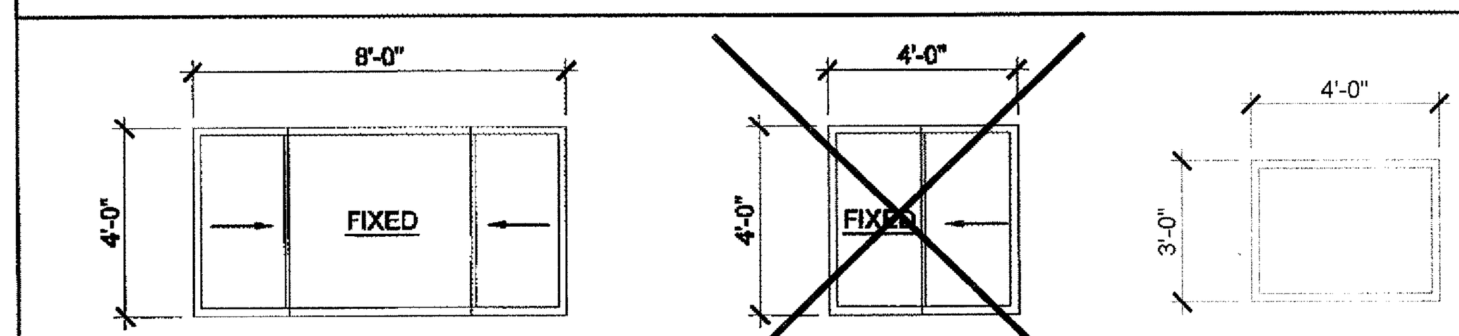
WINDOW NO.	QTY	TYPE	WIDTH	HEIGHT	FUNCTION	FRAME MATERIAL	GLASS MATERIAL	WALL THICKNESS	NOTES
A		1	8'-0"	4'-0"	XOX	ANOD	DP		
B		4	4'-0"	3'-0"	FIXED	ANOD	CLR		

WINDOW FINISH

ANOD: CLEAR ANODIZED ALUMINUM FRAME
BRONZ: BRONZE ANODIZED ALUMINUM FRAME
PAINT: PAINTED FRAME
WF: 16GA WELDED FRAME
FRW: FIRE RATED WINDOW
FRAME: MIN 0.048" THICK WELDED FRAME
FRG: FIRE RATED GLAZING: 1/4" WIRED GLASS. LABELED TO MEET THE REQUIREMENTS FOR A 3/4 HOUR FIRE WINDOW ASSEMBLY PER CBC SECTION/TABLE 715.5

DP: 3/16" MINIMUM DUAL PANE TEMPERED GLASS OF SOLAR GRAY - 3/16" ENERGYSHIELD WITH A LIGHT TRANSMISSION FACTOR OF 46%, ALL OPERABLE SASH SHALL HAVE SCREENS.

WINDOW TYPE



WINDOW TYPE "1" WINDOW TYPE "2" WINDOW TYPE "4"

INTERNATIONAL WINDOW 6220 - 3/4" INSULATING GLASS UNIT PERFORMANCE
~~U VALUE: 0.51~~
~~SHGC: 0.88~~

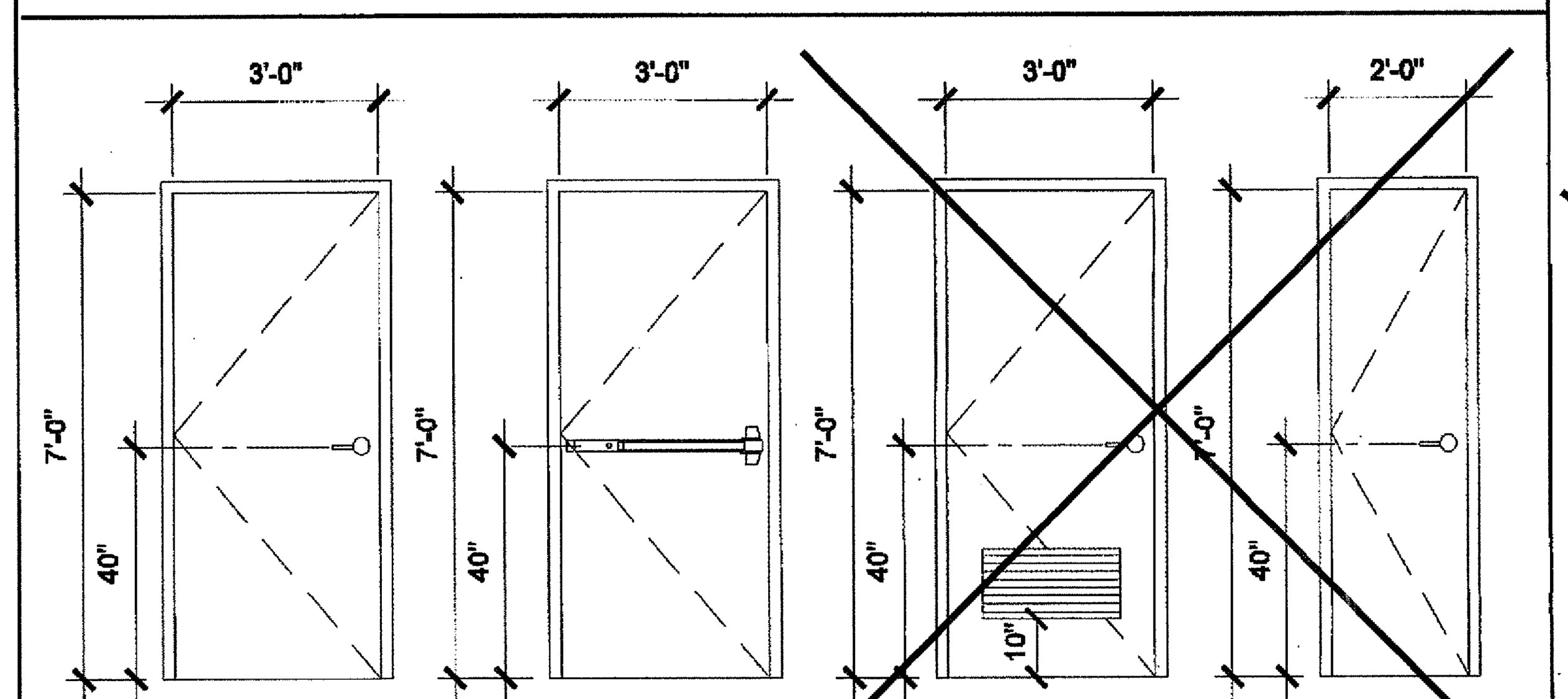
DOOR SCHEDULE

DOOR NO	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	WALL THICKNESS	NOTES
~~1~~	~~3'-0"~~	~~7'-0"~~	~~A~~		~~HM~~	~~KD~~	~~HW - 1~~		
1P	3'-0"	7'-0"	A1		HM	KD	HW - 2		PANIC
2	3'-0"	7'-0"	A		SCL	KD	HW-1		
~~3~~	~~3'-0"~~	~~7'-0"~~	~~B~~		~~HM~~	~~KD~~	~~HW - 4~~	~~4 7/8"~~	
~~4~~	~~3'-0"~~	~~7'-0"~~	~~B~~		~~HM~~	~~KD~~	~~HW - 5~~	~~4 7/8"~~	~~NO CLOSER REQ'D.~~
~~5~~	~~2'-0"~~	~~7'-0"~~	~~C~~		~~HM~~	~~KD~~	~~HW - 6~~	~~4 1/8"~~	

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM: 18GA HOLLOW METAL
WF: 16GA WELDED FRAME
AL: ALUMINUM
SST: STAINLESS STEEL
KD: KNOCK DOWN FRAME
SCL: SOLID CORE WOOD LEGACY
HC: HOLLOW CORE WOOD
PT: PAINTED

DOOR TYPES & NOTES



DOOR TYPE "A" DOOR TYPE "A1" DOOR TYPE "B" DOOR TYPE "C"

1. DOOR HANDLE FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF. HARDWARE TO BE OPENED FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
3. CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
4. PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER. CBC 1008.1.10
5. ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPECIFICATIONS ON THIS SHEET AND CBC SECTIONS 1133B.2 AND 1008
6. DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 70°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR 1133 B.2.5.1
7. PANIC AND FIRE EXIT HARDWARE. WHERE PANIC AND FIRE EXIT HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING:
   - THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
   - THE MAXIMUM UNLATCHING FORCE SHALL NOT EXCEED 5LBS PER 1117B.6.4.
   APPROVED BY AUTHORITY W/ JURISDICTION, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1008.1.10
8. THE FIRE PROTECTION FOR EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE IN WHICH THE WALL IS LOCATED. SEE CBC TABLE 705.8 OR TABLE 602

FINISH SCHEDULE

ROOM NAME	FLOORING		WALL FINISH				CEILING		NOTES
	FLOOR	BASE	FRONT	LEFT	REAR	RIGHT	CEILING	CEILING HT	
CLASSROOM 101	OTHR	OTHR	TACK	TACK	TACK	TACK	CP	8'-6"	
PREP ROOM 102	OTHR	OTHR	TACK	TACK	TACK	TACK	CP	8'-6"	

FLOOR, WALL, CEILING MATERIALS

FLOORING
CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
SV: SHEET VINYL FLOORING
~~VCT: VINYL COMPOSITION TILE~~
OTHR: BY OTHERS ON SITE

BASE
4" TS: 4" TOP SET BASE
6" TS: 6" TOP SET BASE
~~SC: 6" SELF COVE BASE~~
OTHR: BY OTHERS ON SITE

WALLS
TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER ½" GYPSUM BOARD BACKING
FRP: 1/8" FIBER REINFORCED PANEL OVER ½" WATER RESISTANT GYPSUM BOARD
GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH
PLY: 1/2" PLYWOOD FINISH
NF: NO FINISH

CEILING
CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)
HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)
GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH CBC, CFC AND TITLE 19 CCR.
2. PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2.4.1. PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
3. RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
4. CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT, OR LEVEL CUT / UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER CBC SECTION 1124B.3. CARPET EDGED SHALL COMPLY WITH CBC SECTION 1124B.2.

DOOR HARDWARE

OFFICE - INTERIOR DOOR HW-1

LOCKSET	SCHLAGE ND50PDO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER 1279 4 ½" x 4 ½"	Finish 26D	or equal

DOOR W/ PANIC HARDWARE - EXTERIOR DOOR HW-2

EXIT DEVICE	YALE 7000 SERIES	Finish Alum	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal

STAFF RESTROOM / SINGLE-OCCUPANCY - INTERIOR DOOR HW-3

LOCKSET	SCHLAGE ND40SRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER 1279 4 ½" x 4 ½"	Finish 26D	or equal

BOYS & GIRLS RESTROOM - EXTERIOR DOOR HW-4

LOCKSET	SCHLAGE ND70PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 ½" x 4 ½" NRP	Finish 26D	or equal
~~CLOSER~~	~~NORTON 8501 BFDA (OPTIONAL)~~	~~Finish 689~~	~~or equal~~
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal

STAFF RESTROOM - EXTERIOR DOOR HW-5

LOCKSET	SCHLAGE ND85PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 ½" x 4 ½" NRP	Finish 26D	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal

PLUMBING CHASE DOOR - INTERIOR DOOR HW-6

LOCKSET	SCHLAGE ND70PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 ½" x 4 ½" NRP	Finish 26D	or equal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

INSULATION SPECIFICATIONS

MOISTURE PROTECTION INSULATION:

DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, AND EXTERIOR WALLS. (CLASS 1 = 0-25 FLAME SPREAD:) SMOKE DEVELOPMENT DENSITY LESS THAN 450.

MATERIAL: INSULATING MATERIAL FOR WALLS, CEILINGS, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 719.2+719.3. INSULATION SHALL BE AS MANUFACTURED BY OWENS-CORNING FIBERGLASS CORPORATION, JOHNS-MANVILLE, CERTAINTIES, OR EQUAL.

INSULATION VALUES
SEE SHEETS A-0.6, A-0.7, A-0.8 FOR REQUIRED INSULATION VALUES PER CLIMATE ZONE

EXTERIOR WALL INSULATION (MIN.)
- ☑ R-13 (2x4)
- ☐ R-19 (2x6)
- ☐ R-30 (2x8)

INTERIOR WALL INSULATION (MIN.)
R-13

FLOOR INSULATION (MIN.)
- ☐ NONE
- ☑ R-13
- ☐ R-19

ROOF INSULATION (MIN.)
- ☐ R-19
- ☑ R-30
- ☐ R-38
- ☐ R-19 BETWEEN JOISTS AND R-19 BELOW JOISTS

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SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:
SCHEDULES

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT MGT

12/23/2011
ARCHITECT OF RECORD SUBMISSION DATE

REGISTERED ARCHITECT ROBERT A. MCQUEAD C10322 2-25-15 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
AC FLS SS
DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL
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CODE: 2010 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
AC FLS SS
DATE DEC 29 2011

REVISIONS
1. PER PROJECT SPECIFIC REQUIREMENTS - 10.15.2014
2.
3.
4.
5.
6.
7.
8.

SILVER CREEK INDUSTRIES
24' x 40' PC

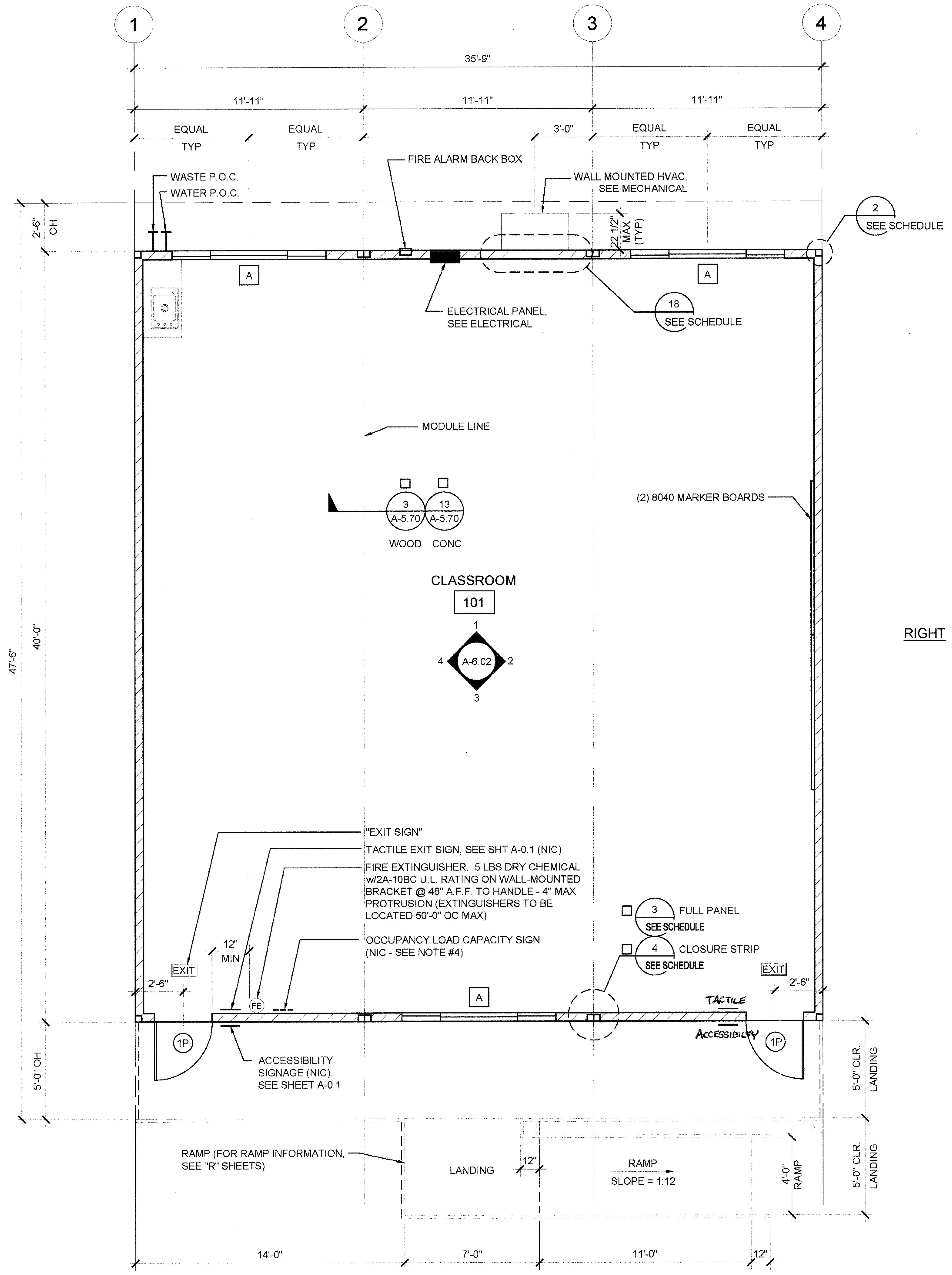
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

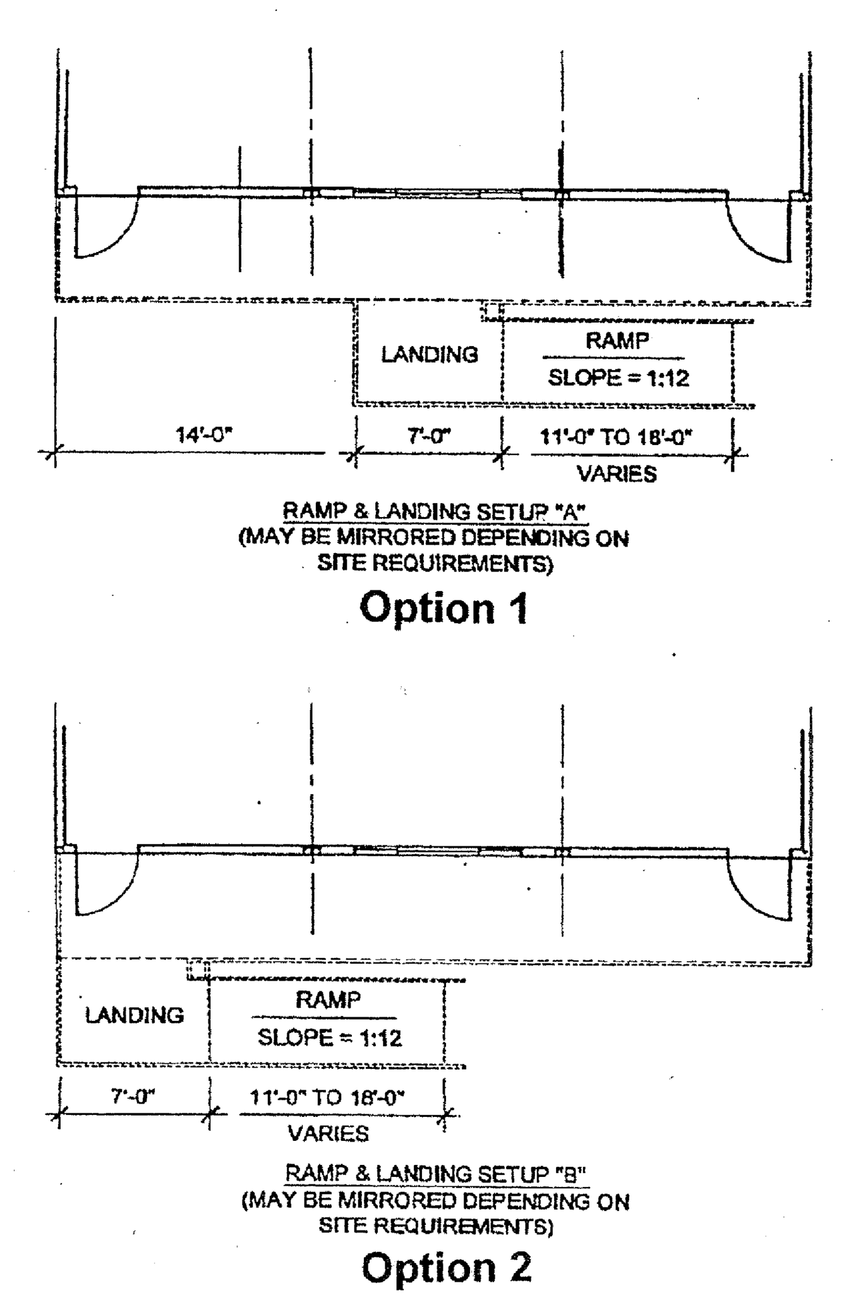
P.C. SHEET NUMBER
A-0.2 -6 STKP 127

REAR

LEFT

RIGHT





ART CLASSROOM
FLOOR PLAN

SCI# 10252-10254

SCALE: 1/4" = 1'-0" 1

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE.

   (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, AND Kzt = 1.0 2010 CBC
2. VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 803.7.
3. LOCATIONS OF DOORS AND WINDOWS MAY VARY PER JOB. (IF THE NUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SHALL BE SUBMITTED TO DSA)
4. POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CBC 1004.3 (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
5. IF BUILDING IS TO BE RELOCATED, SEE RELOCATION DETAILS ON SHEET REL-101 AND REL-102
6. BUILDING SIZE CAN BE EXPANDED OR REDUCED (# OF MODULES) AS ALLOWED PER THE PC'S VARIOUS EXPANDABLE OPTIONS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

WALL LEGEND

- NOMINAL 4" WALL STUD ☐
- NOMINAL 6" WALL STUD ☒
- NOMINAL 8" WALL STUD ☐

NOTE:
IF PARAPET IS USED & HIGHER THAN 18", END WALLS MUST BE 2x6 @ 24" O.C.

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"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36X40 BUILDING

SHEET TITLE:
FLOOR PLAN
36' x 40'

TAVARES ASSOCIATES

12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL

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PC 04-112072
DATE DEC 2 9 2011

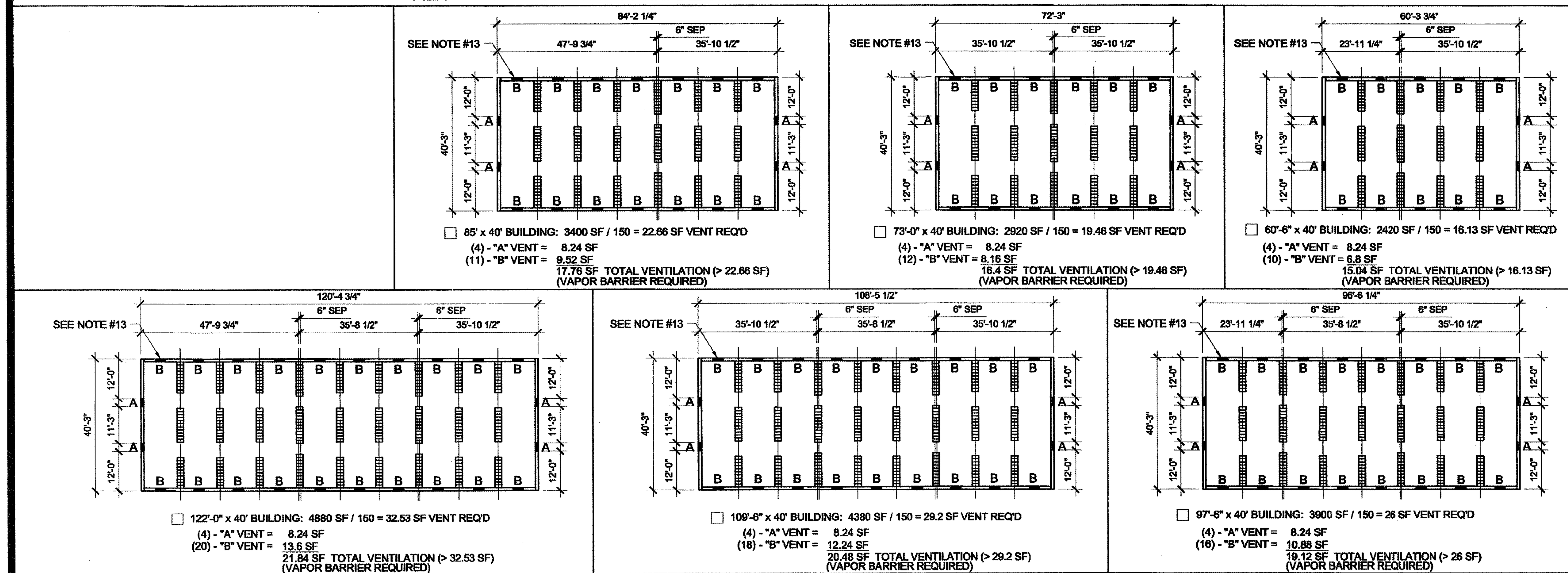
REVISIONS
1 PER PROJECT SPECIFIC REQUIREMENTS - 10.15.2014

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11 "ART"

P.C. SHEET NUMBER
A-1.02D-6 1 STKP 127

KEY PLAN VENTING CALCULATIONS w/o PARAPET



WOOD FOUNDATION PLATE SCHEDULE

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL: ☐ SEPARATE BLDGS	SEPARATION PAD AT ENDWALL: ☐ ONE BLDG	SEPARATION PAD AT INTERIOR: ☐ SEPARATE BLDGS	SEPARATION PAD AT INTERIOR: ☐ ONE BLDG
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x4	2x12	(2) ROWS OF 2x4	2x12
TOP	2x6	2x6	2x8	2x8	(2) ROWS OF 2x6	2x12	(2) ROWS OF 2x6	2x12
BLOCK	2x8	2x8	2x10	2x10	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x8	2x12
SILL	2x14 (2x16)[15]	2x14 (2x16)[16]	(10) 2x12 x 2'-0"	(11) 2x12 x 2'-0"	(2) ROWS OF 2x14	2x12 x 2'-0"	(2) ROWS OF 2x14	2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 2'-6" x 6" = 1.25 S.F. VENTILATION

"VENT OPENING AT SILL AND BLOCK PLATES"

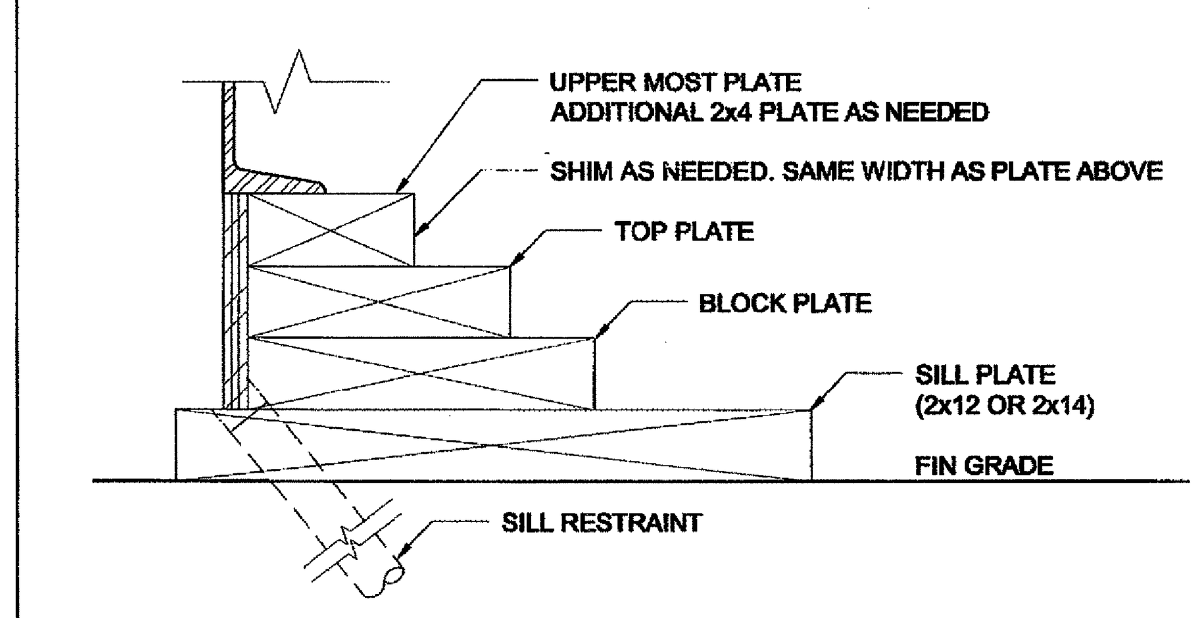
VENT "B" (ENDWALL): 2'-9" x 3" = 0.68 S.F. VENTILATION

(OPTIONAL AT MULTIPLE BLDG SETS)

"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

FOUNDATION PLATE DESCRIPTION



NOTES

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 5.
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F0.50.
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/F-0.50
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. HIGHER THAN 18" PARAPET COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTIONS
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NAILING SCHEDULE

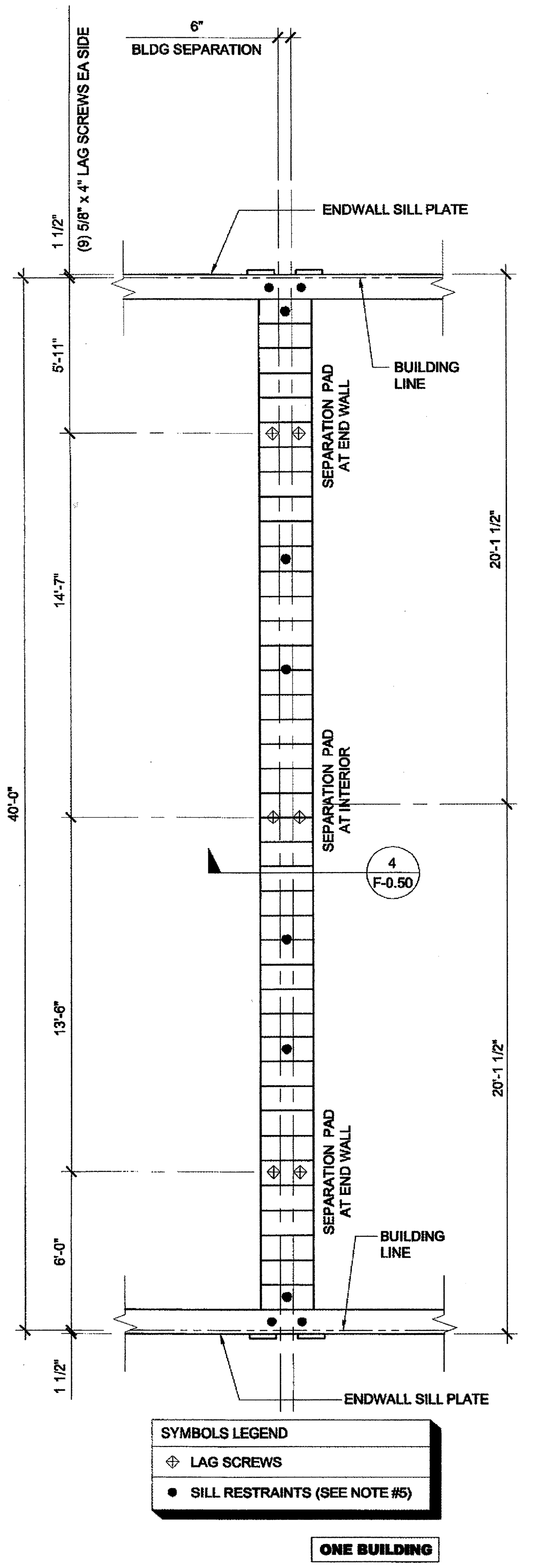
BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
36' x 40'	7" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

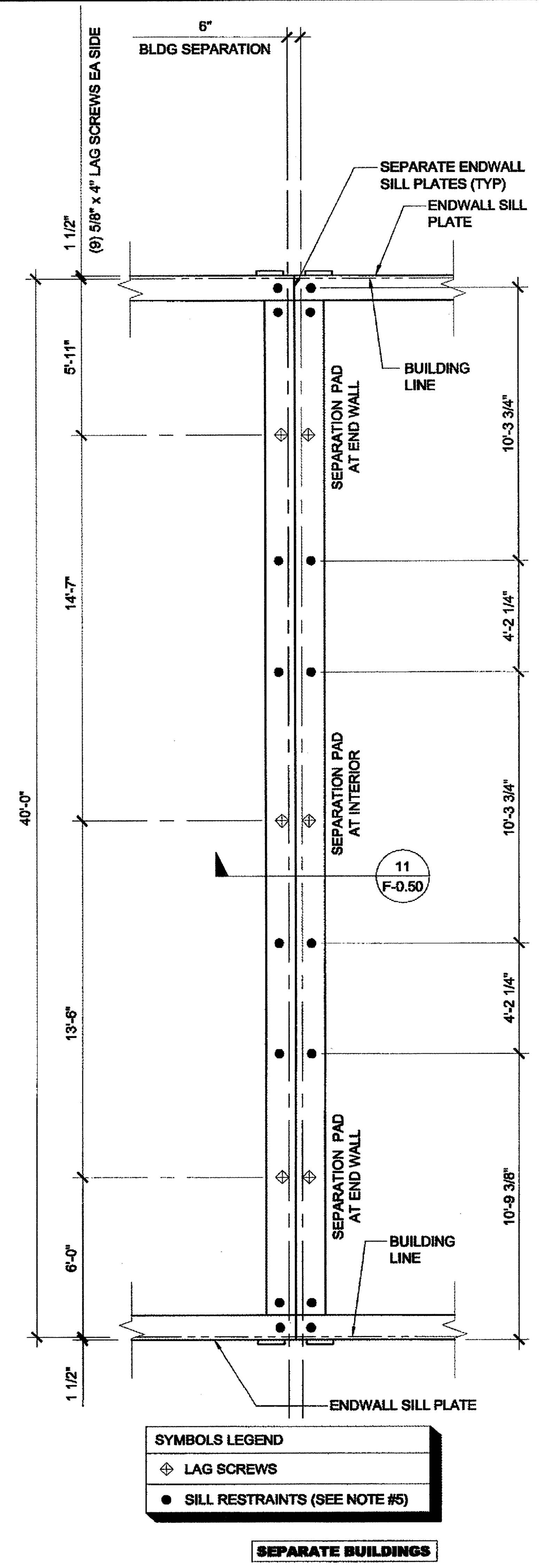
BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDEWALL VENTING	ENDWALL VENTING	TOTAL VENTING SUPPLIED
36' x 40'	1440 SF	9.6 SF (1/150)	2'-6" x 6" = (4) 1.25 SF/ EA (5 SF TOTAL)	2.75' x 3" = (6) .68 SF/ EA (4.08 SF TOTAL)	9.08 SF SEE NOTE #8
			(VAPOR BARRIER REQUIRED)		

TIE PLATE SCHEDULE

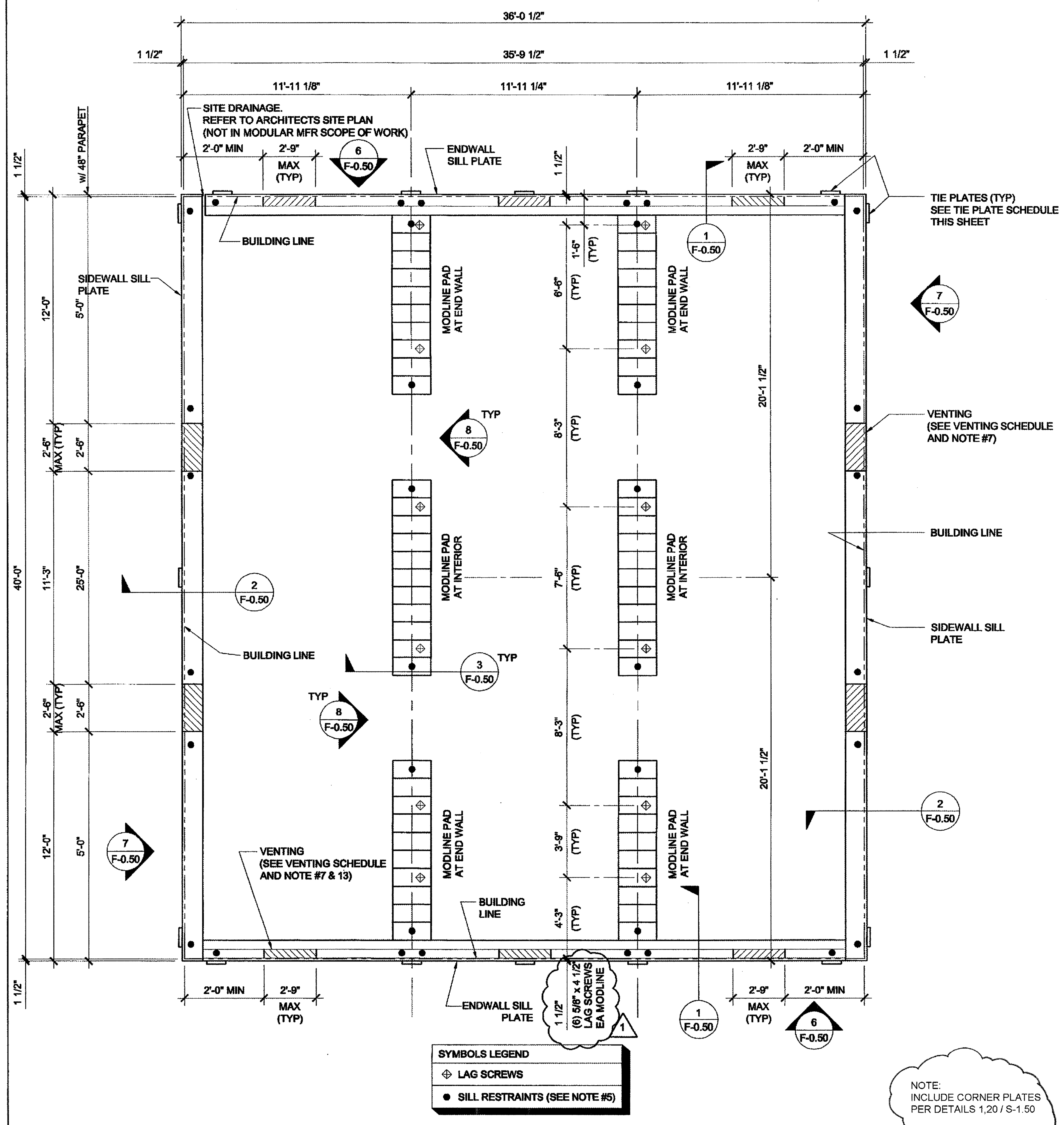
BUILDING SIZE	SIDE WALL TIE PLATE	END WALL TIE PLATE	TOTAL NUMBER OF TIE PLATES
36' x 40'	3	5	16



FOOTING AT SEP SCALE: 1/4" = 1'-0" 3



FOOTING AT SEP SCALE: 1/4" = 1'-0" 2



FOUNDATION PLAN SCALE: 1/4" = 1'-0" 1

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:
WOOD FOUNDATION PLAN 36x40 (100 PSF)

TAVARES ASSOCIATES

S3380 EXP. 3-31-2014
SEP 19 2012

ARCHITECT OF RECORD SUBMISSION DATE
REGISTERED ARCHITECT ROBERT A. MCQUEAD C10322 12.26.15 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
AC FLS SS
DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE: 2010 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
AC FLS SS
DATE JAN 09 2013

REVISIONS
1 PC REVISION 09/14/2012
2
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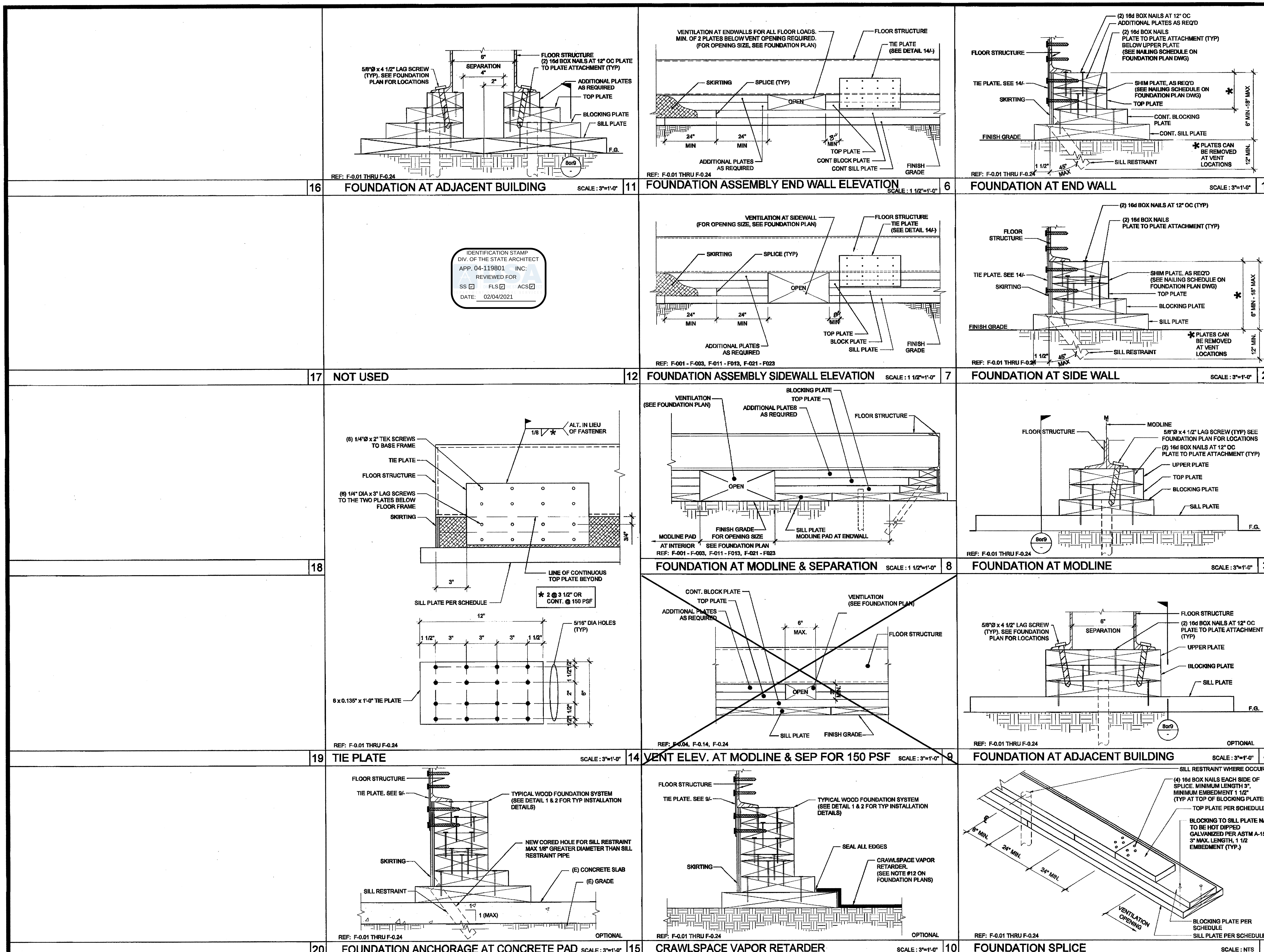
SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER
F-0.12-6 STKP 127


FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0" 11
6" SEPARATION 4" 2"
5/8"Ø x 4 1/2" LAG SCREW (TYP). SEE FOUNDATION PLAN FOR LOCATIONS
FLOOR STRUCTURE
(2) 16d BOX NAILS AT 12" OC PLATE TO PLATE ATTACHMENT (TYP)
ADDITIONAL PLATES AS REQUIRED
TOP PLATE
BLOCKING PLATE
SILL PLATE
F.G.
REF: F-0.01 THRU F-0.24
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" 6
VENTILATION AT ENDWALLS FOR ALL FLOOR LOADS. MIN. OF 2 PLATES BELOW VENT OPENING REQUIRED. (FOR OPENING SIZE, SEE FOUNDATION PLAN)
FLOOR STRUCTURE
TIE PLATE (SEE DETAIL 14/-)
SKIRTING
SPLICE (TYP)
OPEN
24" MIN
24" MIN
8" MIN
ADDITIONAL PLATES AS REQUIRED
TOP PLATE
CONT BLOCK PLATE
CONT SILL PLATE
FINISH GRADE
REF: F-0.01 THRU F-0.24
FOUNDATION AT END WALL SCALE : 3"=1'-0" 1
(2) 16d BOX NAILS AT 12" OC
ADDITIONAL PLATES AS REQ'D
(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT (TYP) BELOW UPPER PLATE (SEE NAILING SCHEDULE ON FOUNDATION PLAN DWG)
FLOOR STRUCTURE
TIE PLATE. SEE 14/-
SKIRTING
SHIM PLATE, AS REQ'D (SEE NAILING SCHEDULE ON FOUNDATION PLAN DWG)
TOP PLATE
CONT. BLOCKING PLATE
CONT. SILL PLATE
FINISH GRADE
* PLATES CAN BE REMOVED AT VENT LOCATIONS
SILL RESTRAINT
6" MIN - 18" MAX
12" MIN.
1 1/2"
45° MAX
REF: F-0.01 THRU F-0.24
NOT USED 12 17
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
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SS FLS ACS
DATE: 02/04/2021
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" 7
VENTILATION AT SIDEWALL (FOR OPENING SIZE, SEE FOUNDATION PLAN)
FLOOR STRUCTURE
TIE PLATE (SEE DETAIL 14/-)
SKIRTING
SPLICE (TYP)
OPEN
24" MIN
24" MIN
8" MIN
ADDITIONAL PLATES AS REQUIRED
TOP PLATE
BLOCK PLATE
SILL PLATE
FINISH GRADE
REF: F-001 - F-003, F-011 - F013, F-021 - F023
FOUNDATION AT SIDE WALL SCALE : 3"=1'-0" 2
(2) 16d BOX NAILS AT 12" OC (TYP)
(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT (TYP)
FLOOR STRUCTURE
TIE PLATE. SEE 14/-
SKIRTING
SHIM PLATE, AS REQ'D (SEE NAILING SCHEDULE ON FOUNDATION PLAN DWG)
TOP PLATE
BLOCKING PLATE
SILL PLATE
FINISH GRADE
* PLATES CAN BE REMOVED AT VENT LOCATIONS
SILL RESTRAINT
6" MIN - 18" MAX
12" MIN.
1 1/2"
45° MAX
REF: F-0.01 THRU F-0.24
TIE PLATE SCALE : 3"=1'-0" 14 19
1/8 * ALT. IN LIEU OF FASTENER
(8) 1/4"Ø x 2" TEK SCREWS TO BASE FRAME
TIE PLATE
FLOOR STRUCTURE
(8) 1/4" DIA x 3" LAG SCREWS TO THE TWO PLATES BELOW FLOOR FRAME
SKIRTING
3/4"
3"
LINE OF CONTINUOUS TOP PLATE BEYOND
SILL PLATE PER SCHEDULE
* 2 @ 3 1/2" OR CONT. @ 150 PSF
12"
1 1/2" 3" 3" 3" 1 1/2"
5/16" DIA HOLES (TYP)
6 x 0.135" x 1'-0" TIE PLATE
1 1/2" 2" 1 1/2" 6"
REF: F-0.01 THRU F-0.24
FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0" 8 18
VENTILATION (SEE FOUNDATION PLAN)
BLOCKING PLATE
TOP PLATE
ADDITIONAL PLATES AS REQUIRED
FLOOR STRUCTURE
OPEN
MODLINE PAD AT INTERIOR
FINISH GRADE FOR OPENING SIZE SEE FOUNDATION PLAN
SILL PLATE MODLINE PAD AT ENDWALL
REF: F-001 - F-003, F-011 - F013, F-021 - F023
FOUNDATION AT MODLINE SCALE : 3"=1'-0" 3
FLOOR STRUCTURE
MODLINE
5/8"Ø x 4 1/2" LAG SCREW (TYP) SEE FOUNDATION PLAN FOR LOCATIONS
(2) 16d BOX NAILS AT 12" OC PLATE TO PLATE ATTACHMENT (TYP)
UPPER PLATE
TOP PLATE
BLOCKING PLATE
SILL PLATE
F.G.
8or9
REF: F-0.01 THRU F-0.24
VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE : 3"=1'-0" 9
CONT. BLOCK PLATE
TOP PLATE
ADDITIONAL PLATES AS REQUIRED
VENTILATION (SEE FOUNDATION PLAN)
6" MAX.
FLOOR STRUCTURE
OPEN
SILL PLATE
FINISH GRADE
REF: F-0.04, F-0.14, F-0.24
FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0" 4
5/8"Ø x 4 1/2" LAG SCREW (TYP). SEE FOUNDATION PLAN FOR LOCATIONS
6" SEPARATION
FLOOR STRUCTURE
(2) 16d BOX NAILS AT 12" OC PLATE TO PLATE ATTACHMENT (TYP)
UPPER PLATE
BLOCKING PLATE
SILL PLATE
F.G.
8or9
REF: F-0.01 THRU F-0.24
OPTIONAL
FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" 15 20
FLOOR STRUCTURE
TIE PLATE. SEE 9/-
TYPICAL WOOD FOUNDATION SYSTEM (SEE DETAIL 1 & 2 FOR TYP INSTALLATION DETAILS)
NEW CORED HOLE FOR SILL RESTRAINT MAX 1/8" GREATER DIAMETER THAN SILL RESTRAINT PIPE
SKIRTING
(E) CONCRETE SLAB
(E) GRADE
SILL RESTRAINT
1 (MAX)
REF: F-0.01 THRU F-0.24
OPTIONAL
CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" 10
FLOOR STRUCTURE
TIE PLATE. SEE 9/-
TYPICAL WOOD FOUNDATION SYSTEM (SEE DETAIL 1 & 2 FOR TYP INSTALLATION DETAILS)
SEAL ALL EDGES
SKIRTING
CRAWLSPACE VAPOR RETARDER. (SEE NOTE #12 ON FOUNDATION PLANS)
REF: F-0.01 THRU F-0.24
OPTIONAL
FOUNDATION SPLICE SCALE : NTS 5
SILL RESTRAINT WHERE OCCURS
(4) 16d BOX NAILS EACH SIDE OF SPLICE. MINIMUM LENGTH 3", MINIMUM EMBEDMENT 1 1/2" (TYP AT TOP OF BLOCKING PLATES)
TOP PLATE PER SCHEDULE
BLOCKING TO SILL PLATE NAIL TO BE HOT DIPPED GALVANIZED PER ASTM A-153, 3" MAX. LENGTH, 1 1/2 EMBEDMENT (TYP.)
6" MIN.
24" MIN.
24" MIN.
VENTILATION OPENING
BLOCKING PLATE PER SCHEDULE
SILL PLATE PER SCHEDULE
REF: F-0.01 THRU F-0.24

SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

SILVER CREEK

195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:

FOUNDATION DETAILS
WOOD

TAVARES ASSOCIATES

No. C-28304
REN: 10-31-2013
STATE OF CALIFORNIA

12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE

C10322
2-28-16
STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
AC FLS SS
DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2010 CBC
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IDENTIFICATION STAMP
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PC 04-112072
AC FLS SS
DATE DEC 29 2011

REVISIONS

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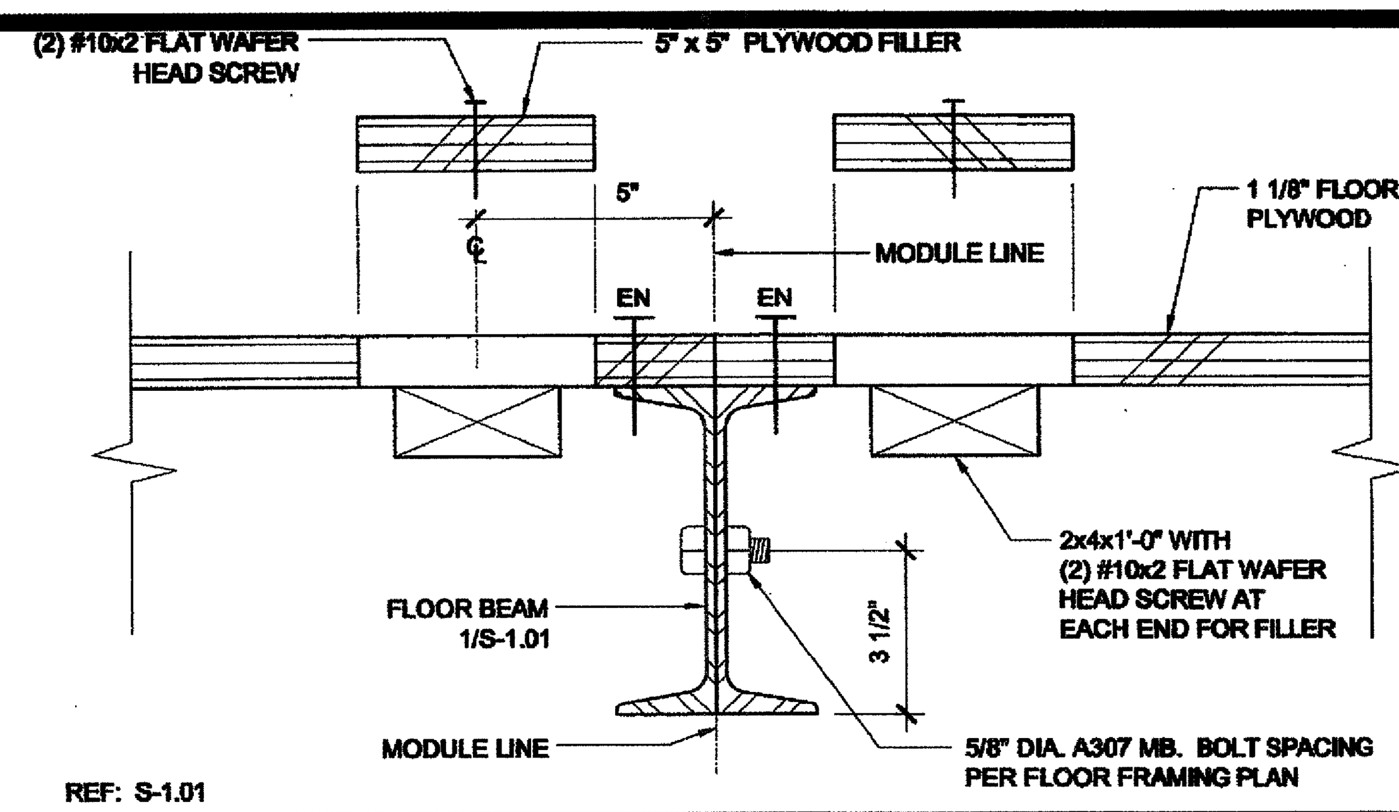
SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

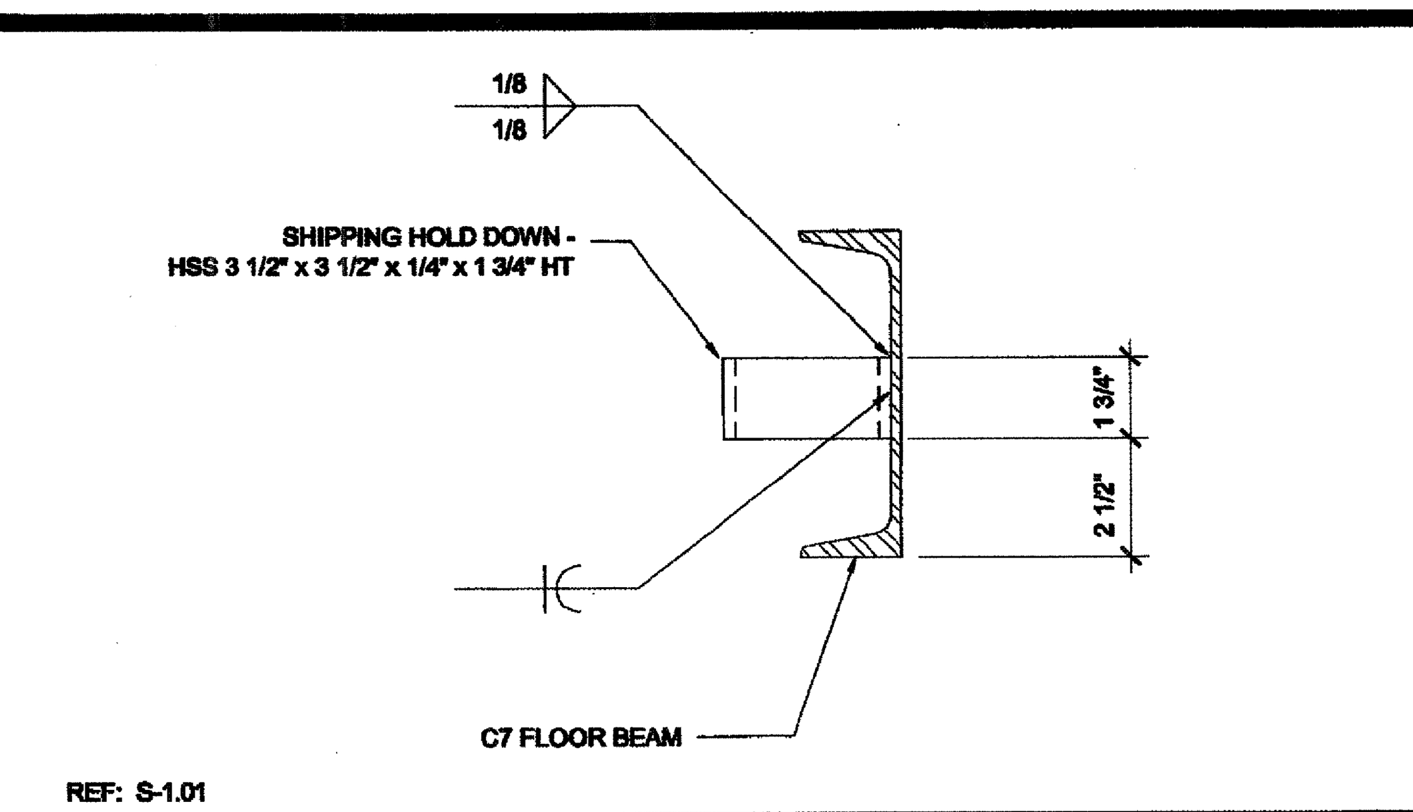
P.C. SHEET NUMBER

F-0.50-6 STKP 127

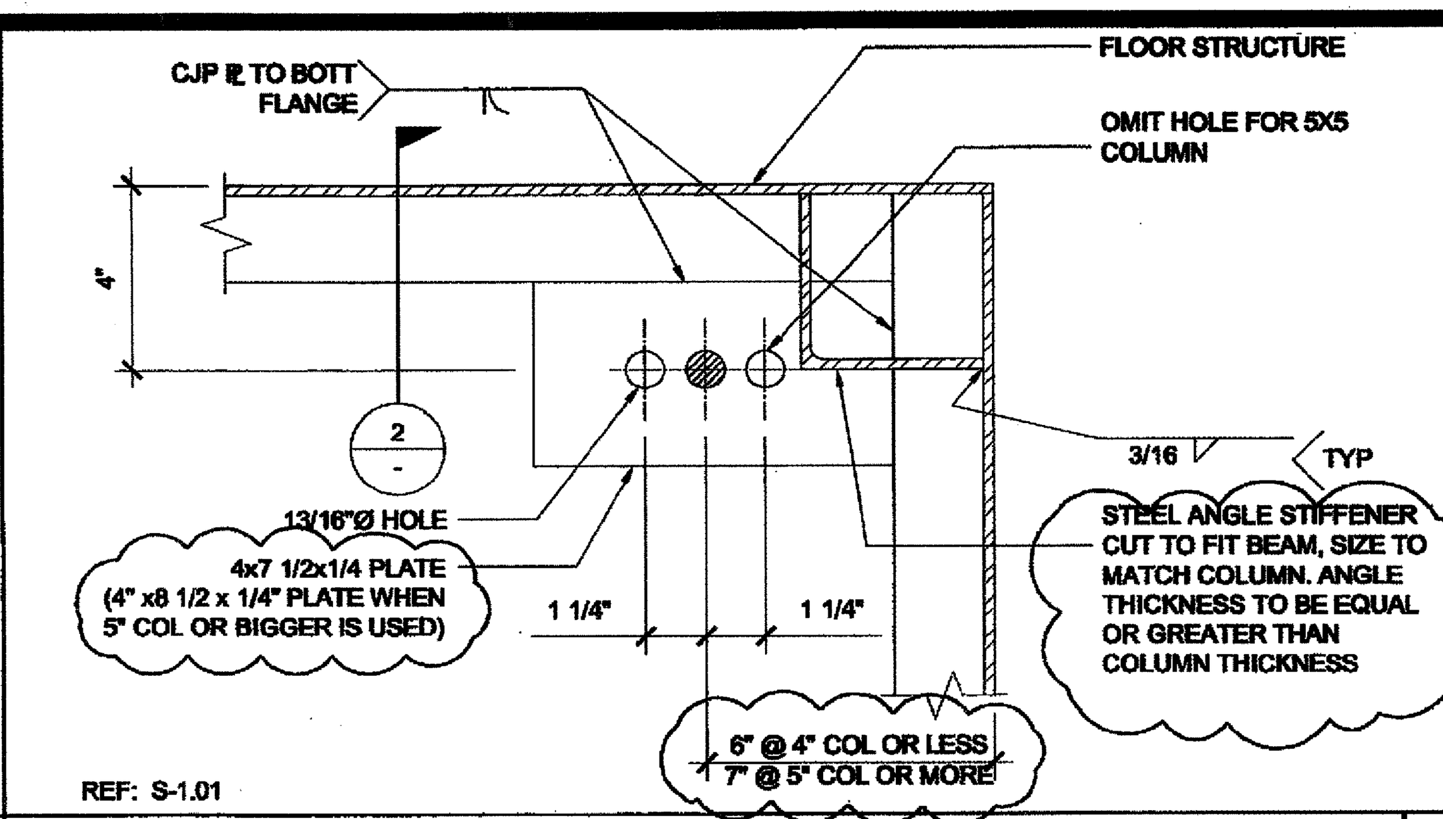


16

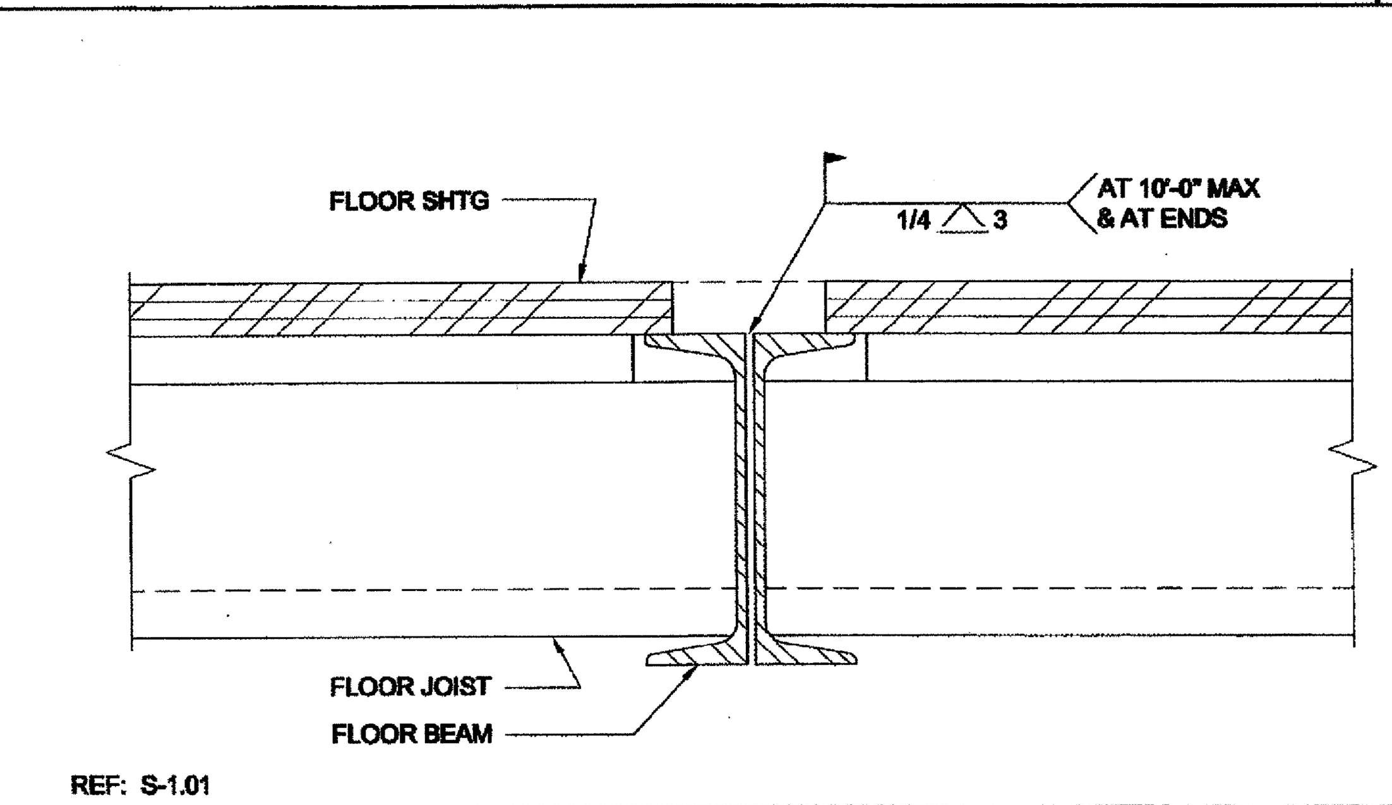
MODULE LINE - BOLTED CONNECTION SCALE : 3" = 1'-0" 11



SHIPPING HOLD DOWN DETAIL SCALE : 3"=1'-0" 6

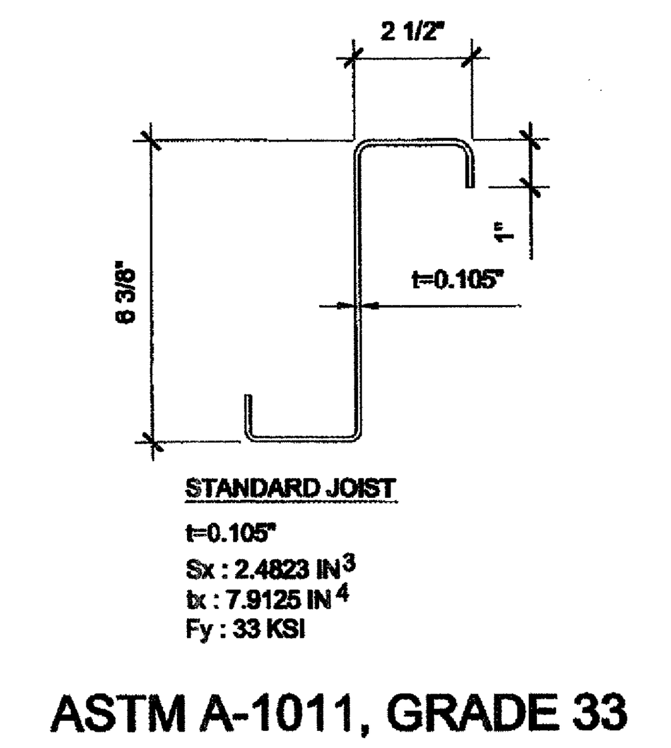


CORNER ANCHOR PLATE SCALE : 3" = 1'-0" 1



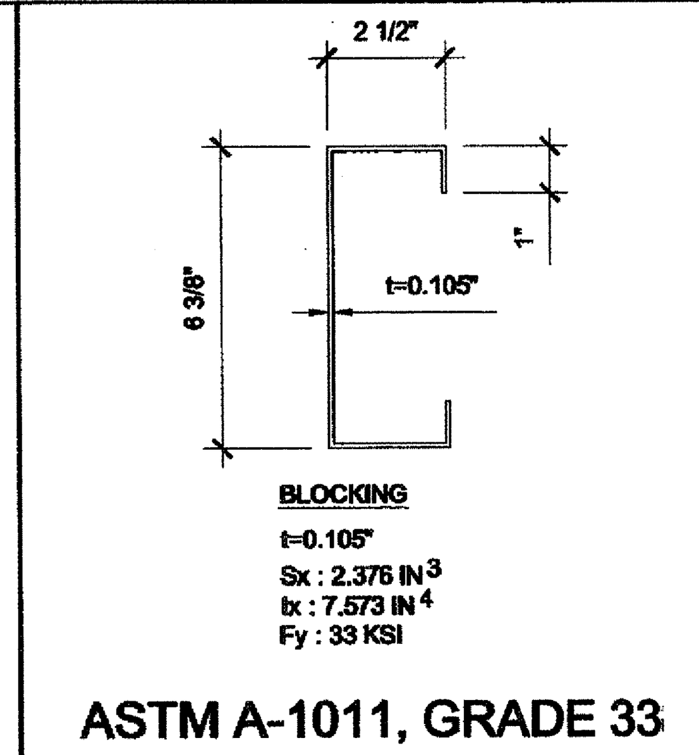
17

MODULE LINE CONNECTION (OPTION 1) SCALE : 3"=1'-0" 12



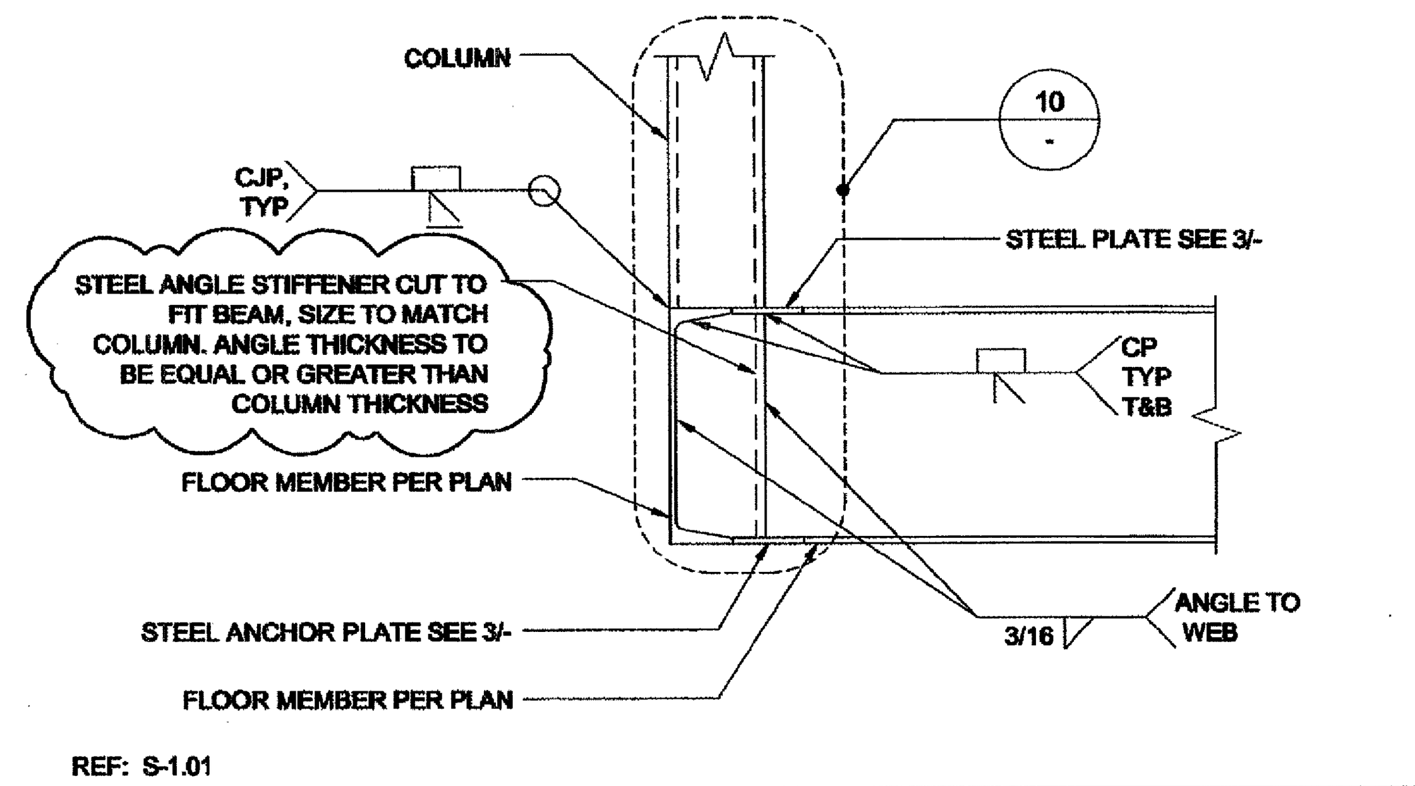
ASTM A-1011, GRADE 33

FLOOR JOIST SCALE : 3" = 1'-0" 7B

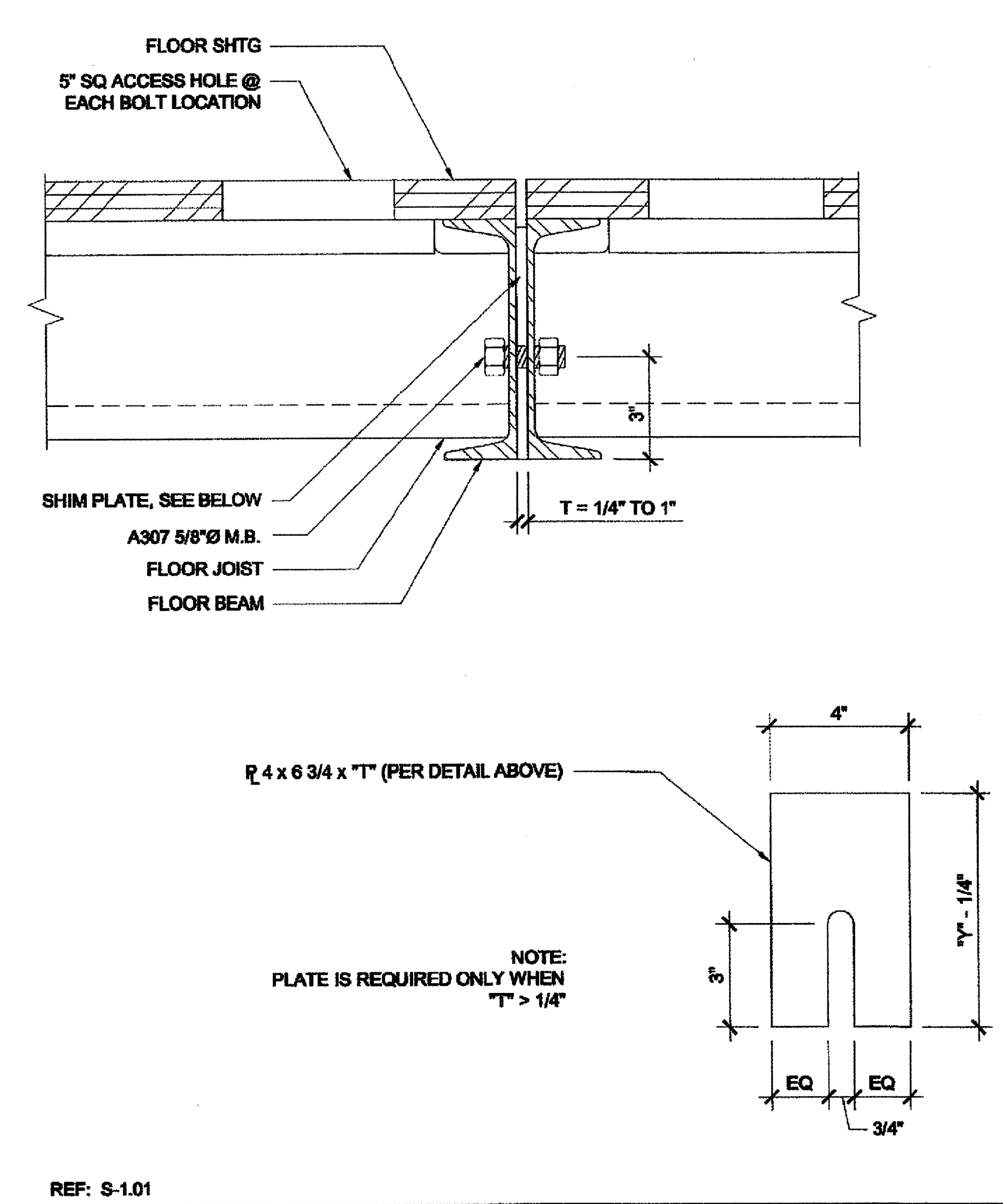


ASTM A-1011, GRADE 33

BLOCKING SCALE : 3" = 1'-0" 7A

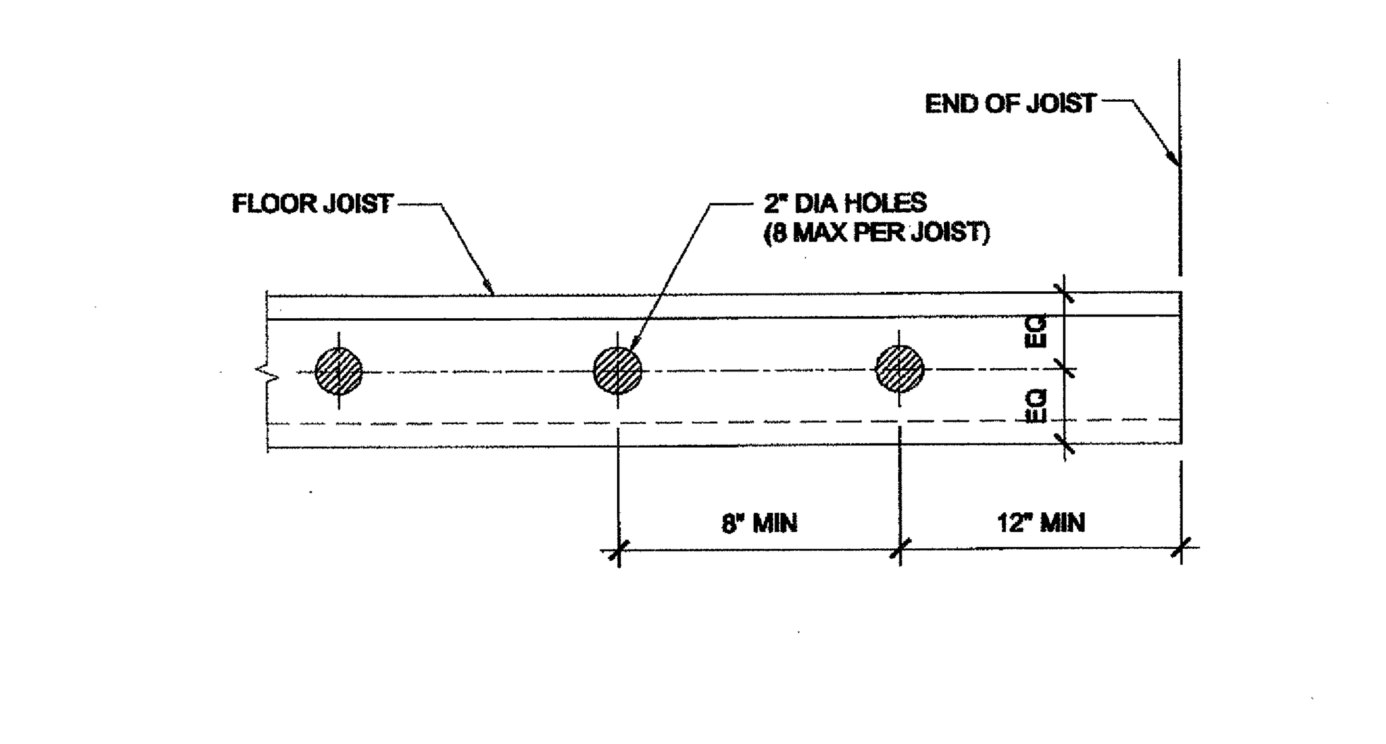


FLOOR BEAM TO COLUMN CONNECTION SCALE : 1 1/2" = 1'-0" 2

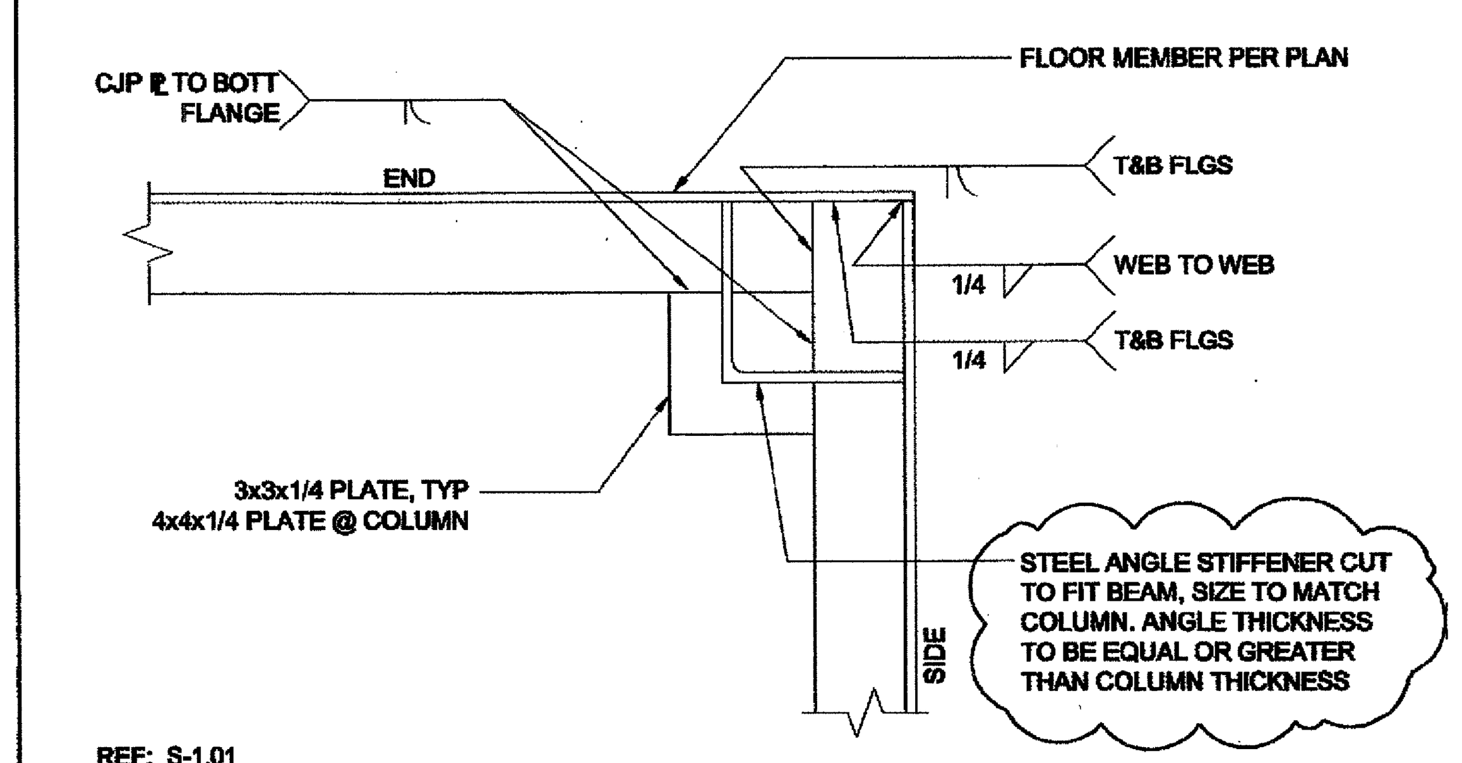


18

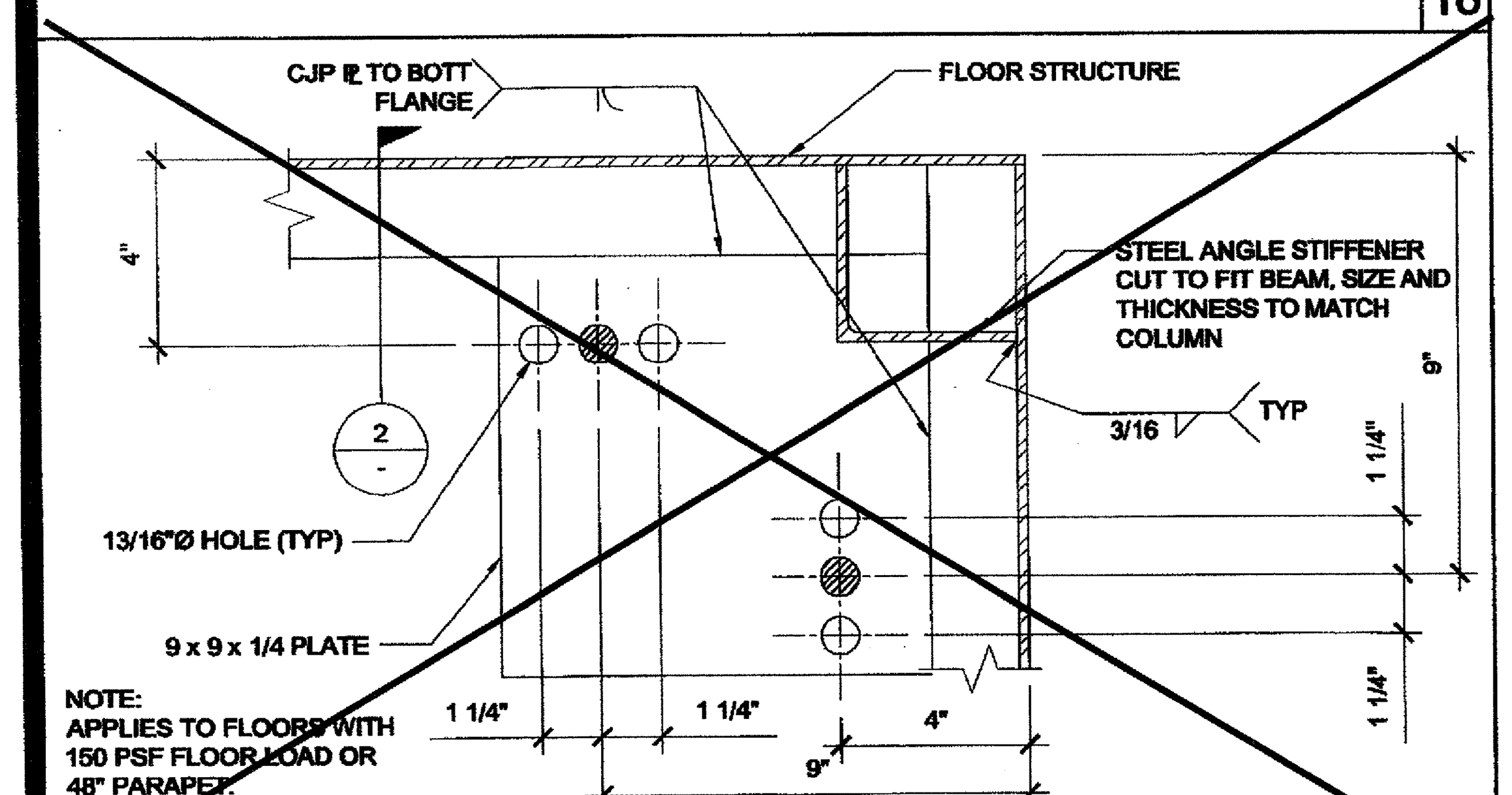
MODULE LINE CONNECTION (OPTION 2) SCALE : 3"=1'-0" 14



FLOOR JOIST HOLES (OPTIONAL) SCALE : 1/8" = 1'-0" 8



ANCHOR PLATE SCALE : 3" = 1'-0" 3



CORNER ANCHOR PLATE SCALE : 3" = 1'-0" 19

IDENTIFICATION STAMP
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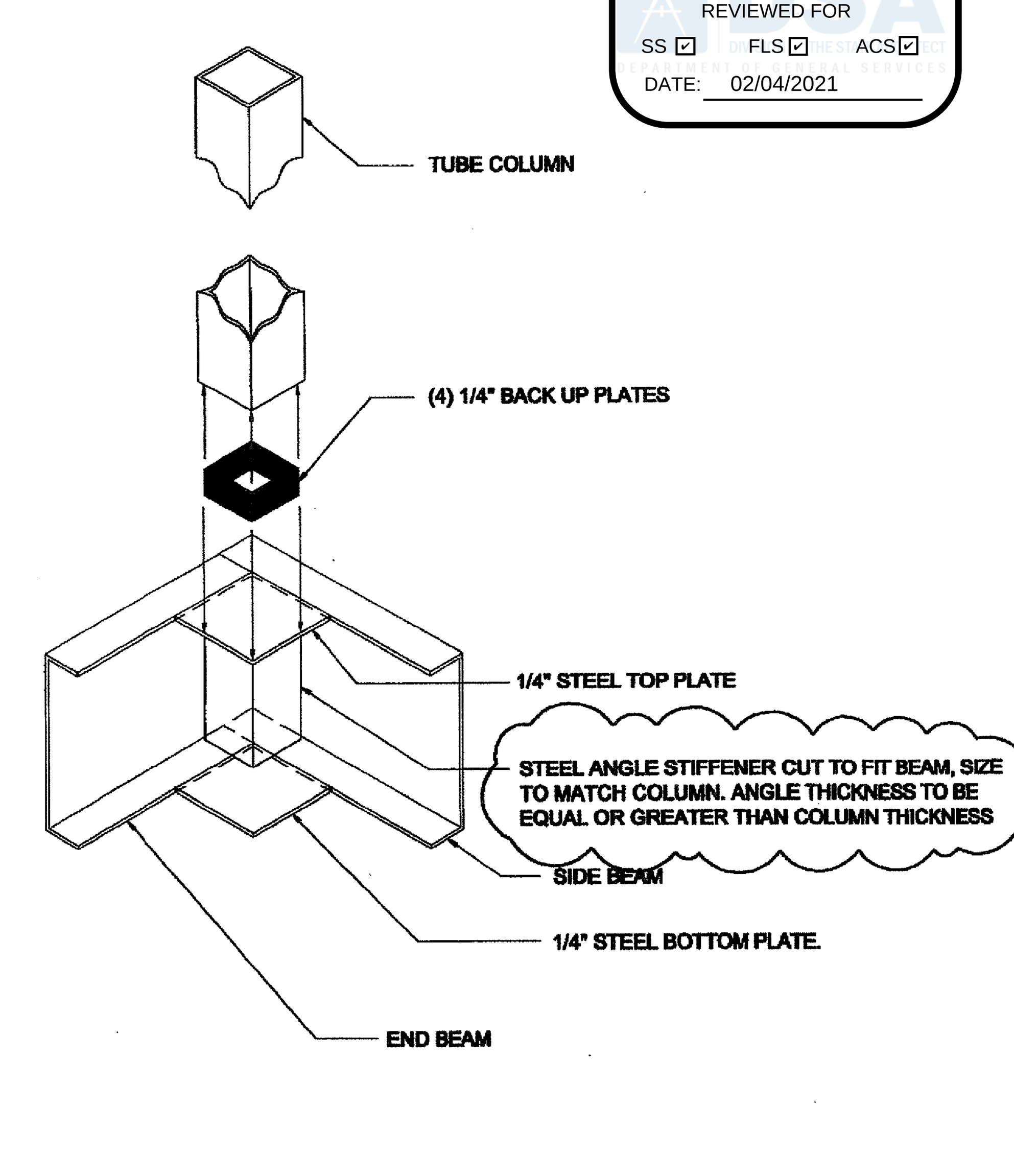
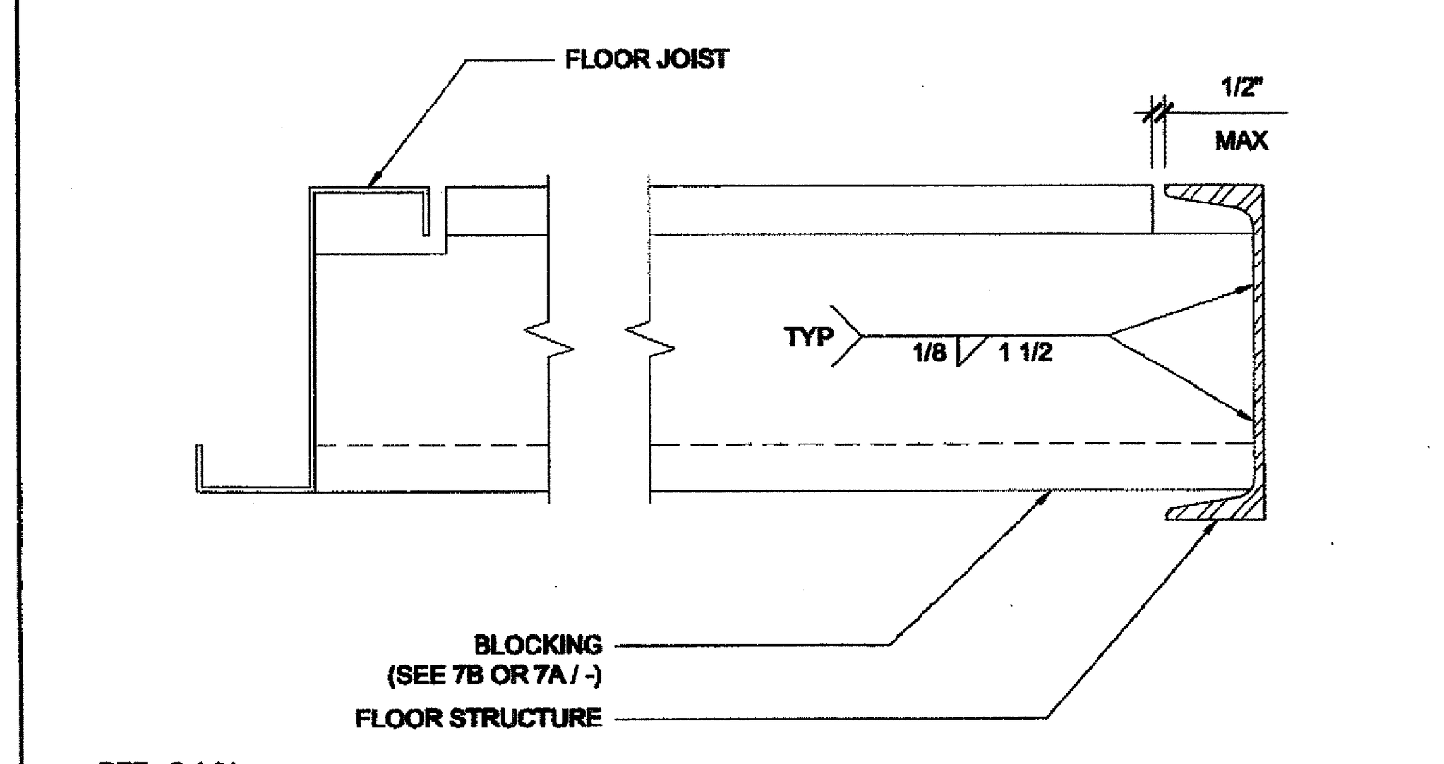
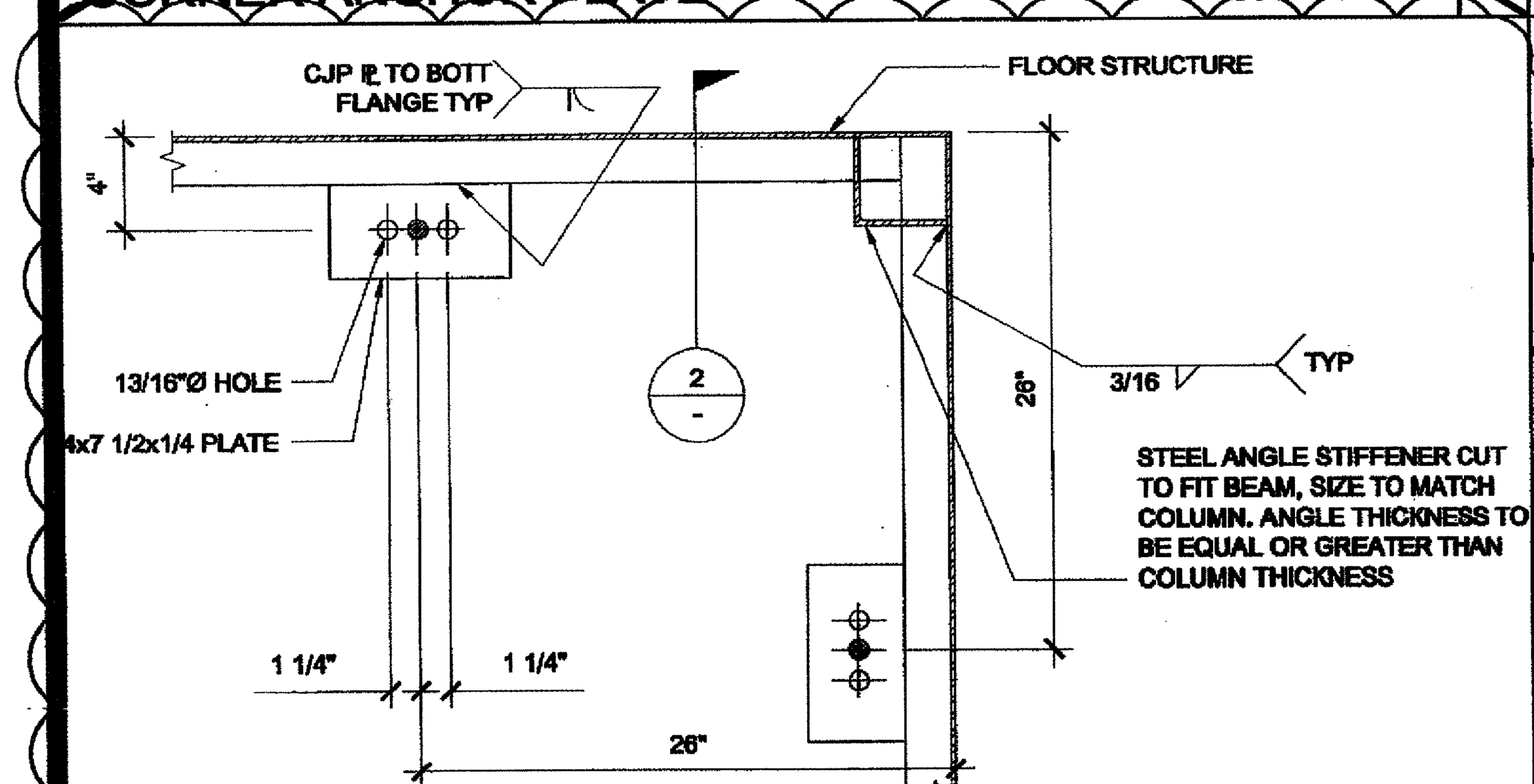
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



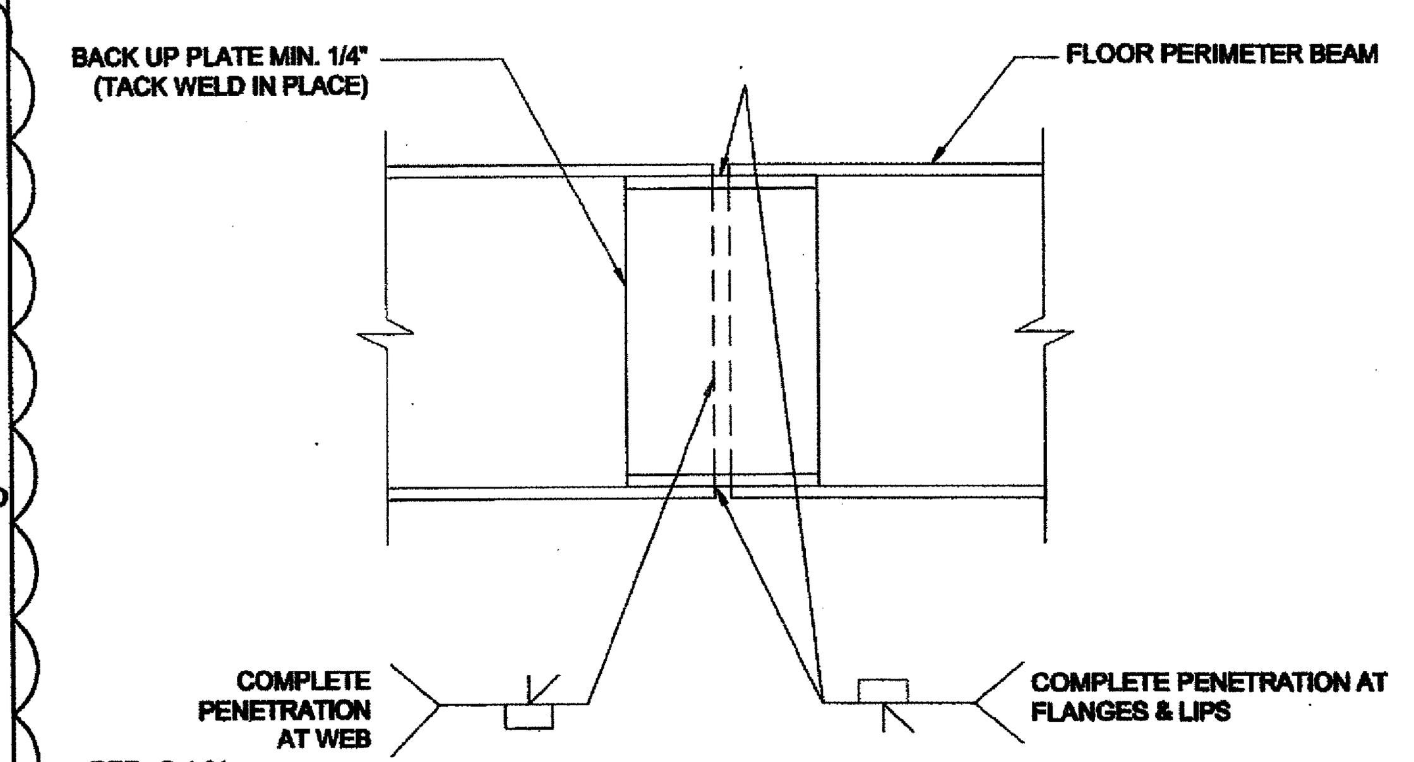
COLUMN CONNECTION AT FLOOR SCALE : NTS 10



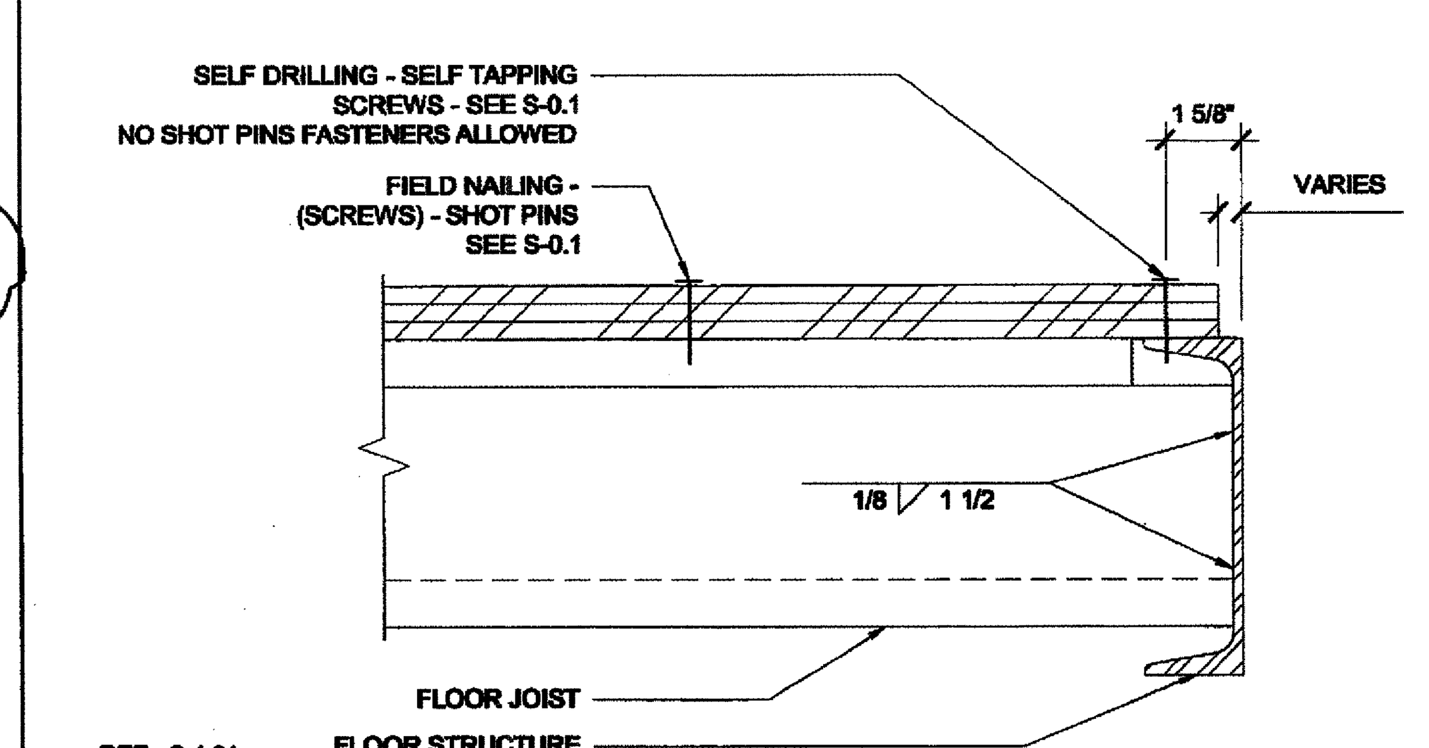
BLOCKING TO END BEAM SCALE : 3" = 1'-0" 4



CORNER ANCHOR PLATE SCALE : 3" = 1'-0" 20



FLOOR BEAM SPLICE SCALE : 3" = 1'-0" 15



JOIST TO SIDE BEAM SCALE : 3" = 1'-0" 5

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:
FLOOR FRAMING DETAILS
WOOD FLOOR

SEP 19 2012

ARCHITECT OF RECORD SUBMISSION DATE
REGISTERED ARCHITECT C10322 2.26.16 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 115966
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DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL
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DATE JAN 09 2013
REVISED

REVISIONS
1 PC REVISION 08/16/2012
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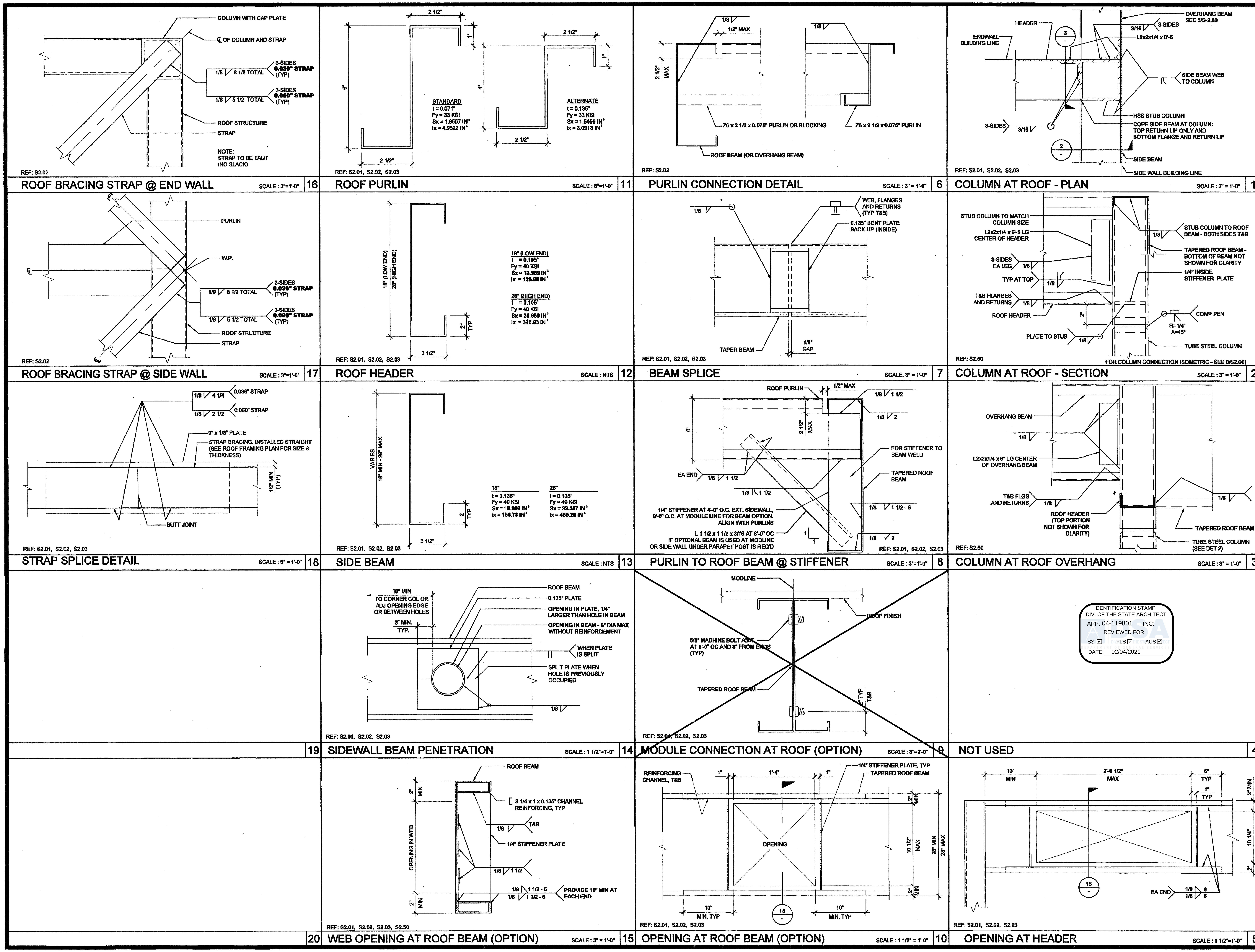
SILVER CREEK INDUSTRIES 24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-12-12

P.C. SHEET NUMBER
S-1.50-6 STKP 127



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"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:
ROOF FRAMING DETAILS
MONO SLOPE

TAVARES ASSOCIATES

CHAD CONRAD No. C-29394 REN: 10-31-2012 STATE OF CALIFORNIA
12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE
REGISTERED ARCHITECT ROBERT A. MCKEE C10322 2-28-16 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 113966
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SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
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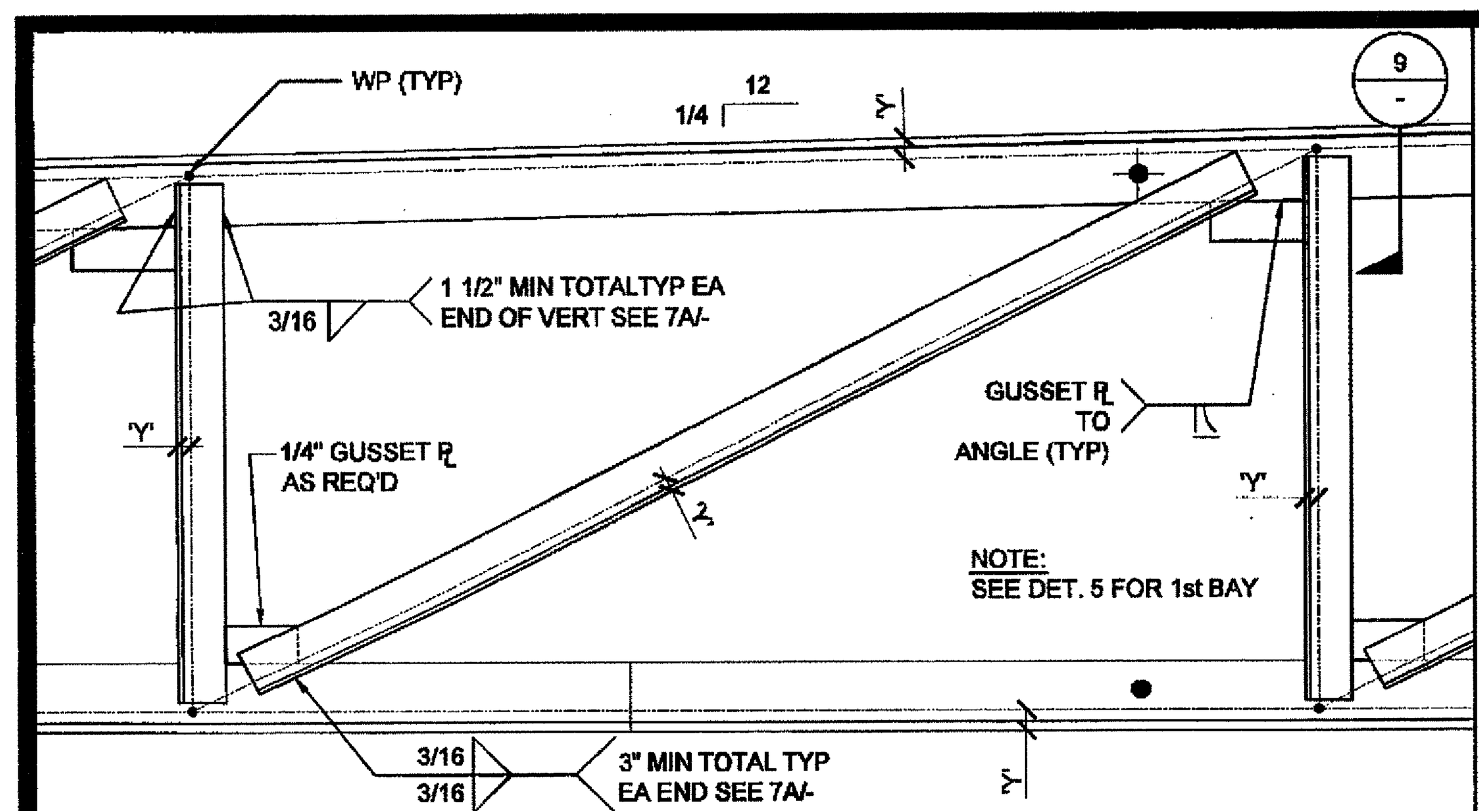
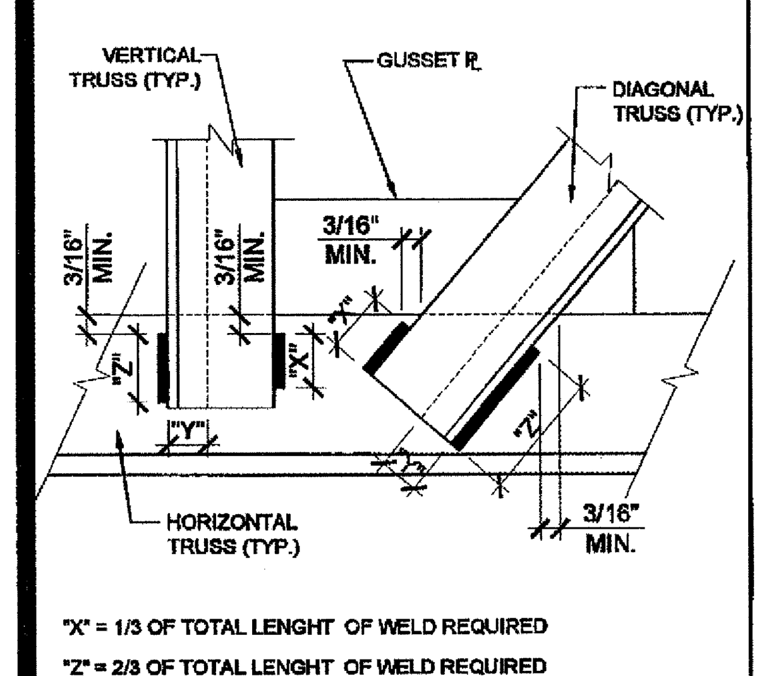
S-2.50 -6 STKP 127

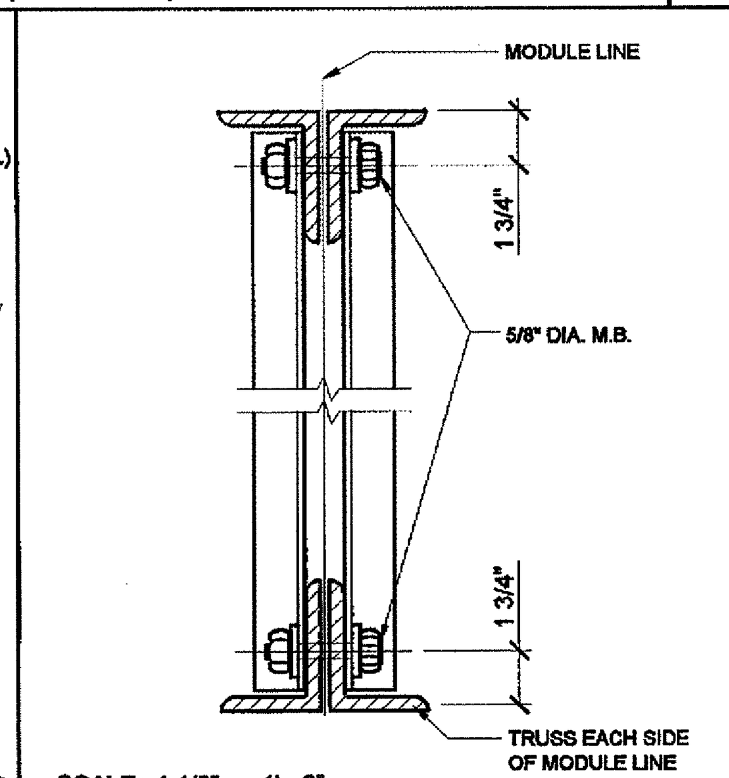


TYP. VERTICAL & DIAGONAL (U.N.O.) — SCALE: 1 1/2" = 1'-0" — 6



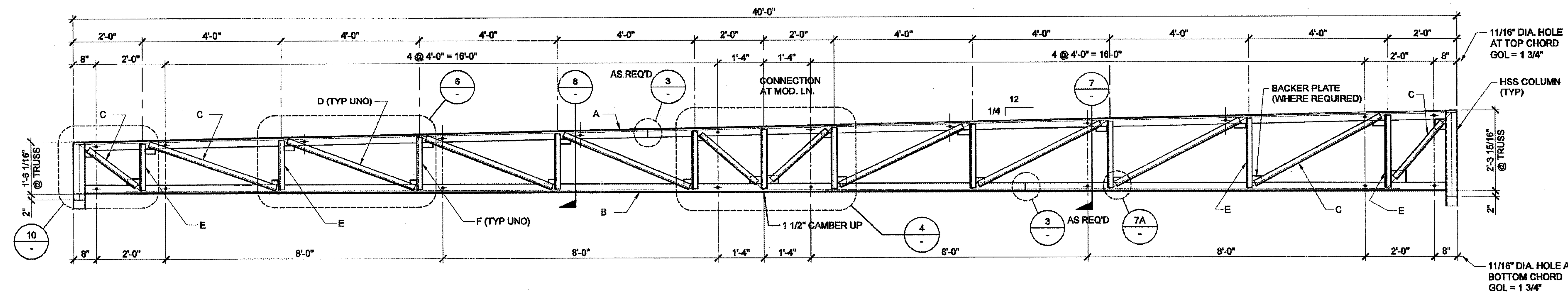
SCALE: N.T.S.

FILLET WELD TERMINATION — 7A



SCALE: 1 1/2" = 1'-0"

CONNECTION @ MODULE LINE — 7



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
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DATE: 02/04/2021

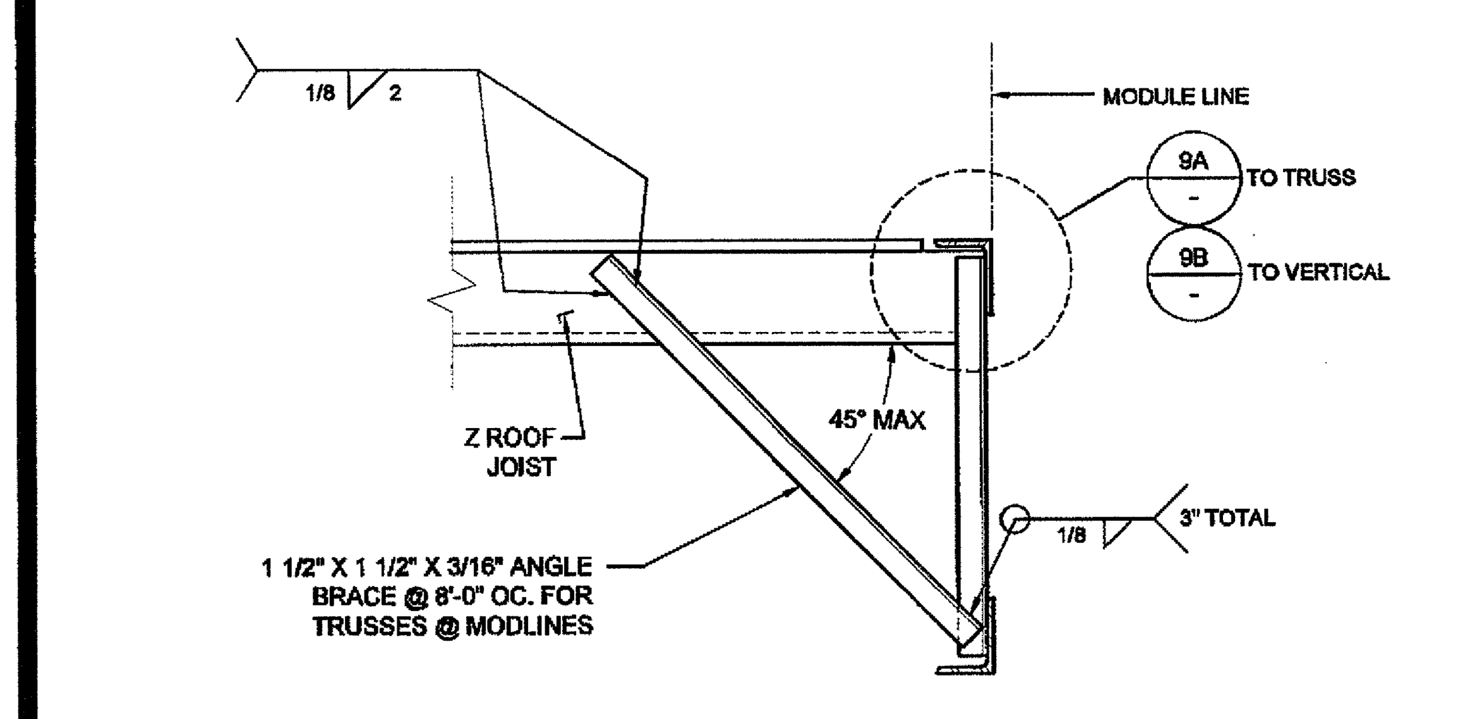
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YEILD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

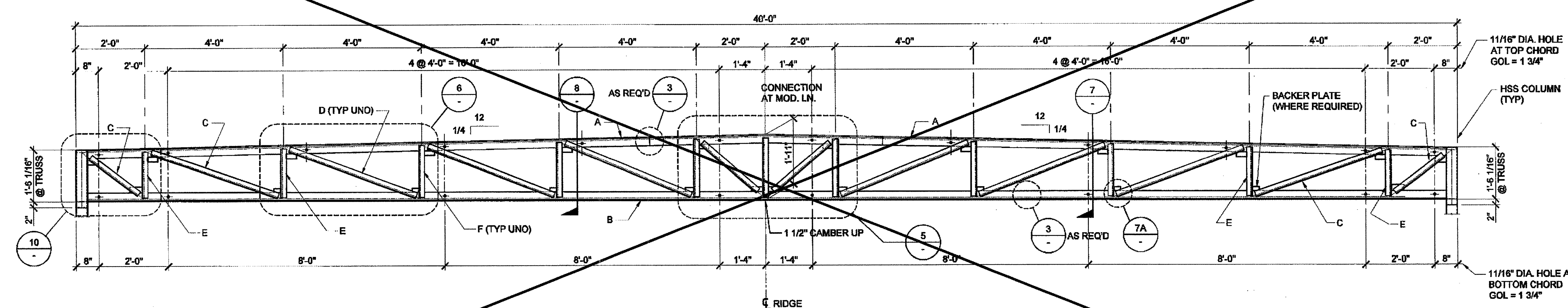
REF: ROOF FRAMING PLAN

TRUSS MARK:			Y=
A	TOP CHORD	4" x 3" x 1/4" (LLV)	1 1/4
B	BOTTOM CHORD	4" x 3" x 1/4" (LLV)	1 1/4
C	END DIAGONALS (2 EACH END)	2" x 2" x 1/4"	9/16
D	TYPICAL DIAGONALS	1 1/2" x 1 1/2" x 3/16"	7/16
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

MONO SLOPE TRUSS — SCALE: 1/2" = 1'-0" — 1



BRACE @ TRUSS & MATING LINE — SCALE: 1 1/2" = 1'-0" — 8



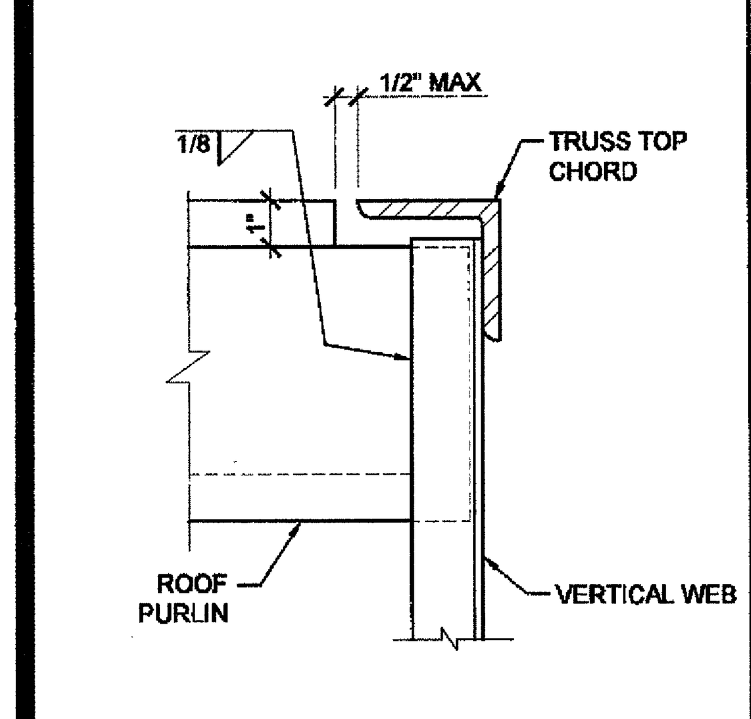
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YEILD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

REF: ROOF FRAMING PLAN

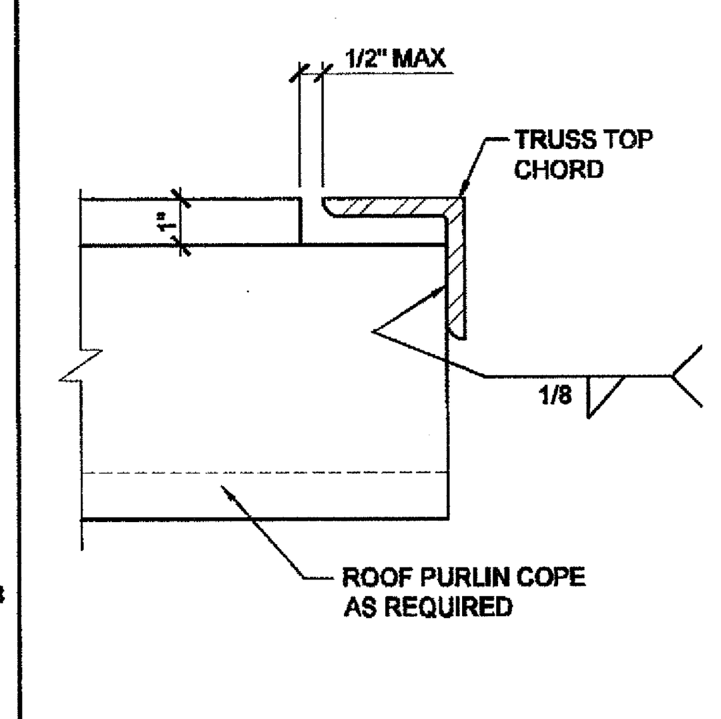
TRUSS MARK:			Y=
A	TOP CHORD	4" x 3" x 1/4" (LLV)	1 1/4
B	BOTTOM CHORD	4" x 3" x 1/4" (LLV)	1 1/4
C	END DIAGONALS (2 EACH END)	2" x 2" x 1/4"	9/16
D	TYPICAL DIAGONALS	1 1/2" x 1 1/2" x 3/16"	7/16
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

DUAL SLOPE TRUSS — SCALE: 1/2" = 1'-0" — 2

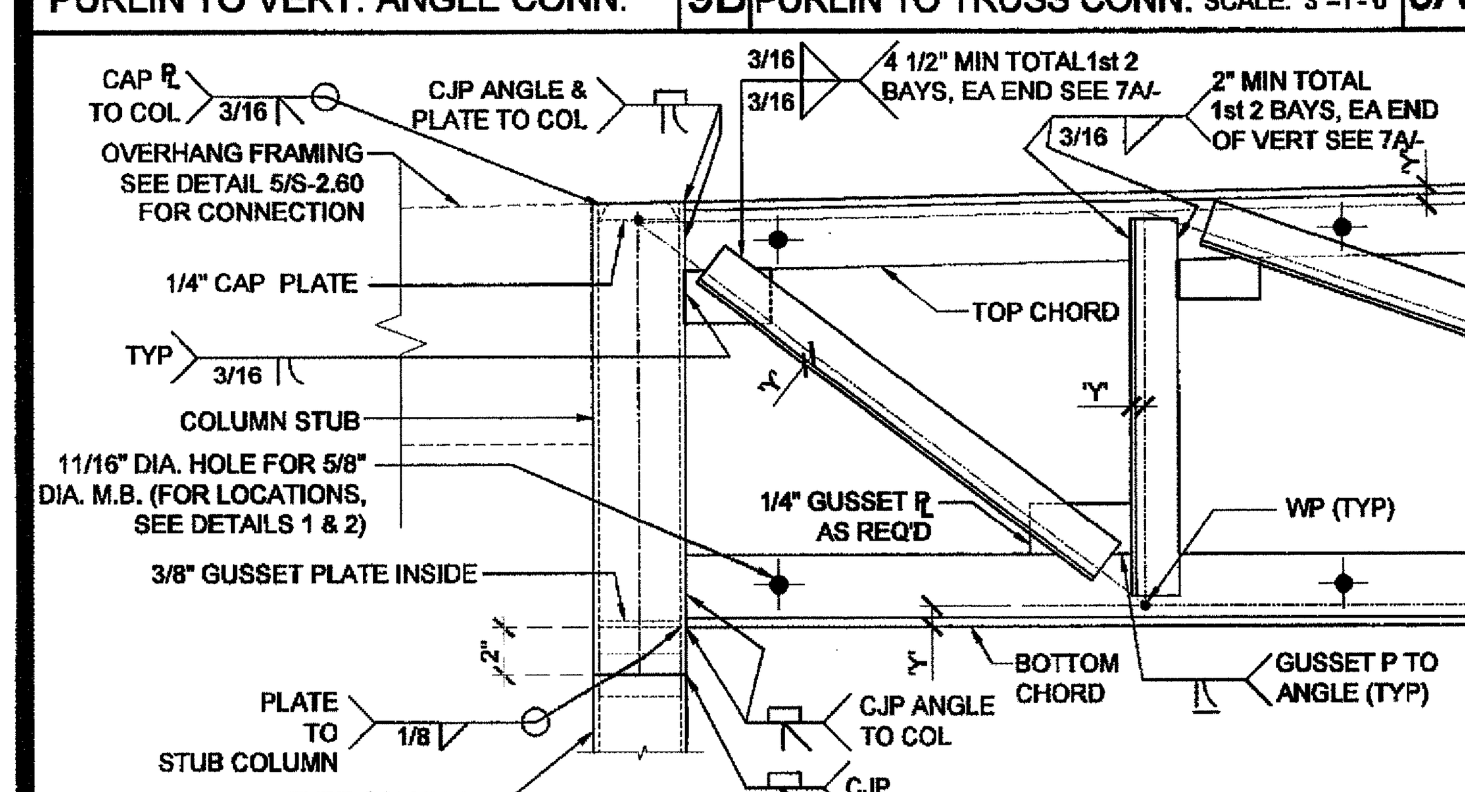


SCALE: 3" = 1'-0"

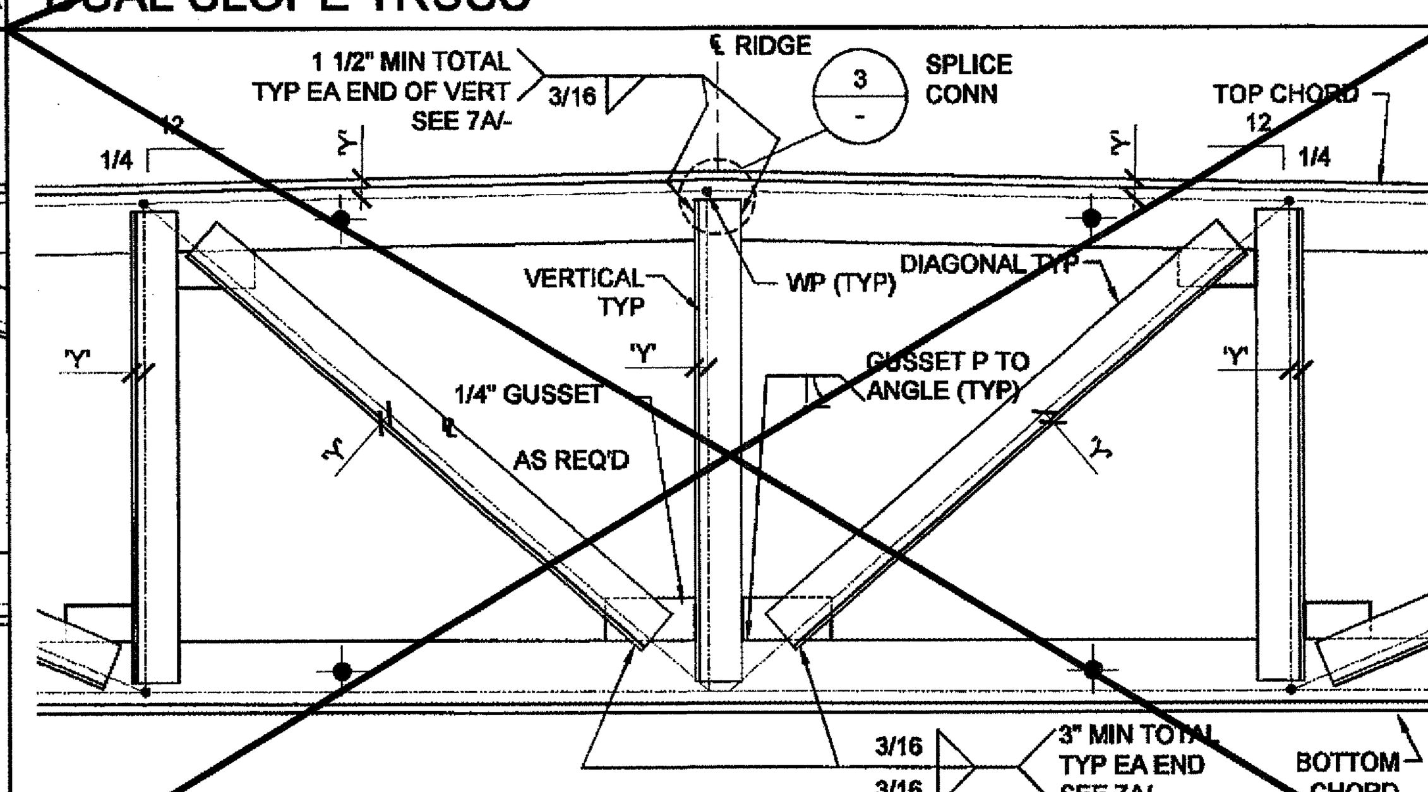
PURLIN TO VERT. ANGLE CONN. — 9B



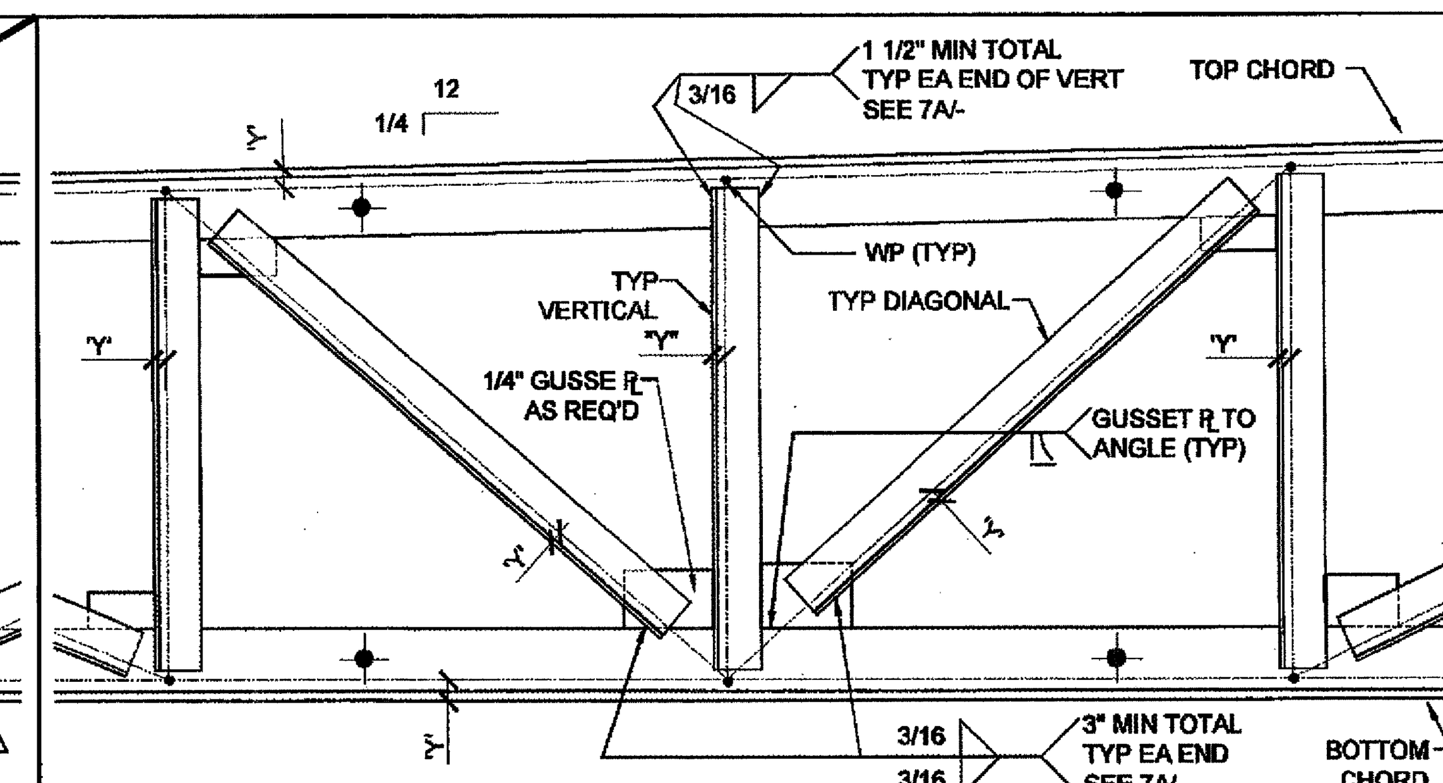
PURLIN TO TRUSS CONN. SCALE: 3"=1'-0" — 9A



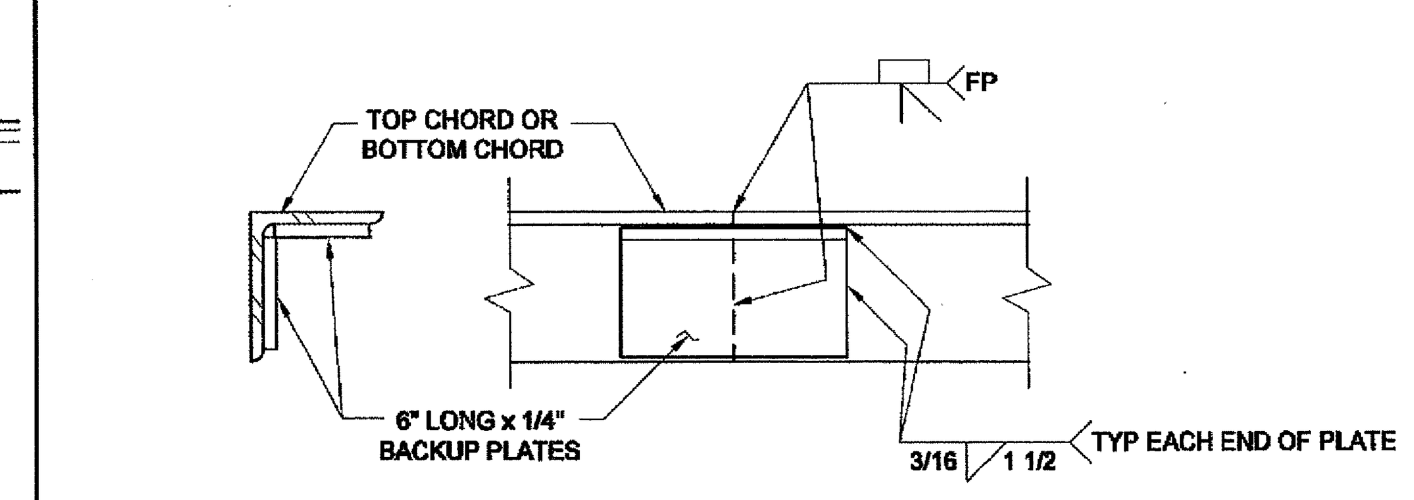
TRUSS TO COLUMN / OH FRAME CONN. — SCALE: 1 1/2" = 1'-0" — 10



VERT. & DIAG. AT MID-POINT — SCALE: 1 1/2" = 1'-0" — 5



VERT. & DIAG. AT MID- POINT — SCALE: 1 1/2" = 1'-0" — 4



OPTIONAL

NOTE:
CHORD SPLICE MAY OCCUR AT ANY POINT ON THE TOP OR BOTTOM CHORD AS LONG AS FULL PENETRATION WELD AND BACKUP PLATES ARE USED

TRUSS CHORD SPLICE — SCALE: 3" = 1'-0" — 3

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING STOCKPILE 36' x 40' BUILDING

SHEET TITLE:
ROOF FRAMING DETAILS TRUSS

TAVARES ASSOCIATES

No. C-28354
REN: 10-31-2013
STATE OF CALIFORNIA
12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE
REGISTERED ARCHITECT
C10322
STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113966
AC FLS SS
DATE DEC 04 2014

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
AC FLS SS
DATE DEC

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER
S-2.90-6 STKP 127

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 1 1/2" = 1'-0"
Notes

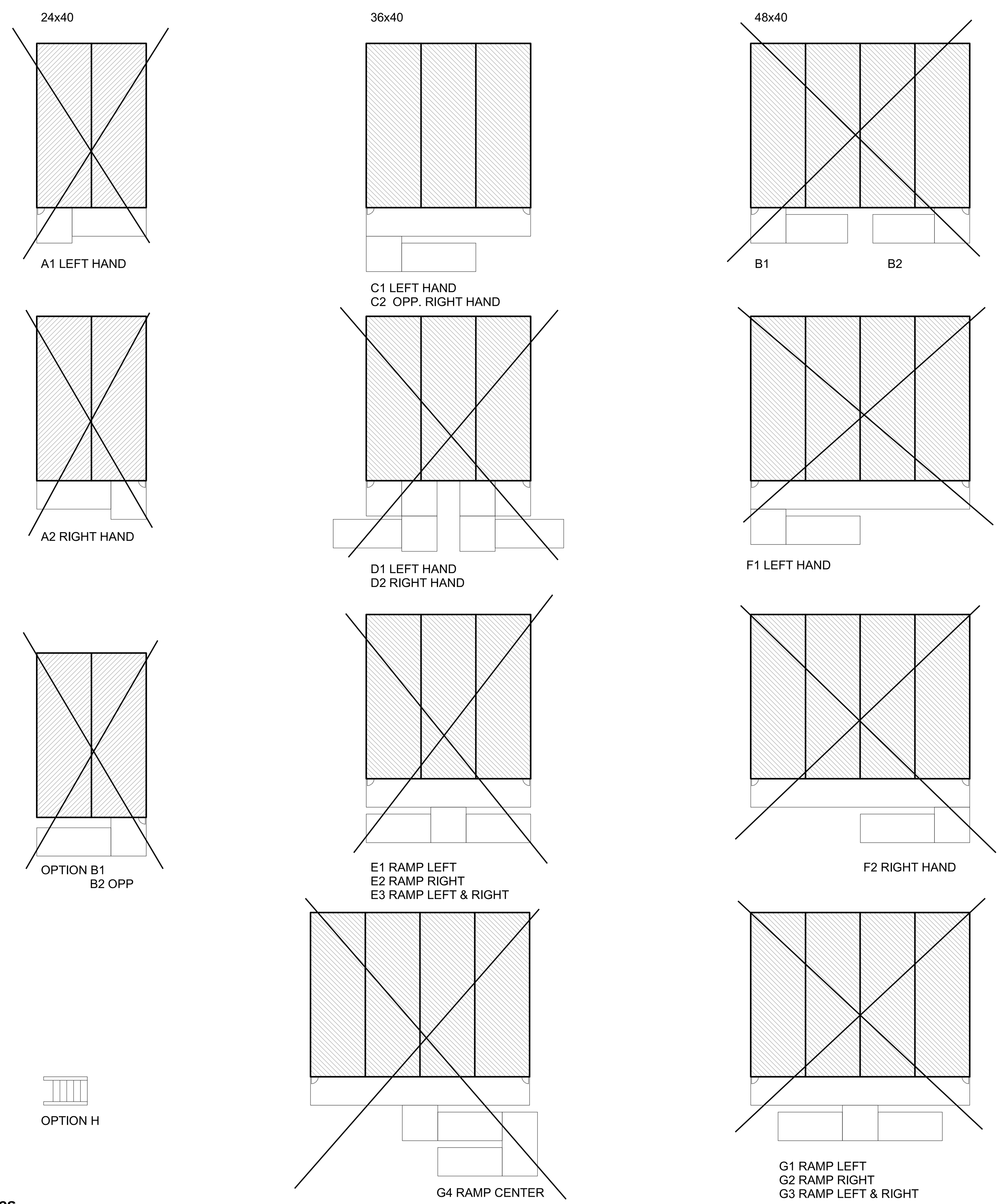
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

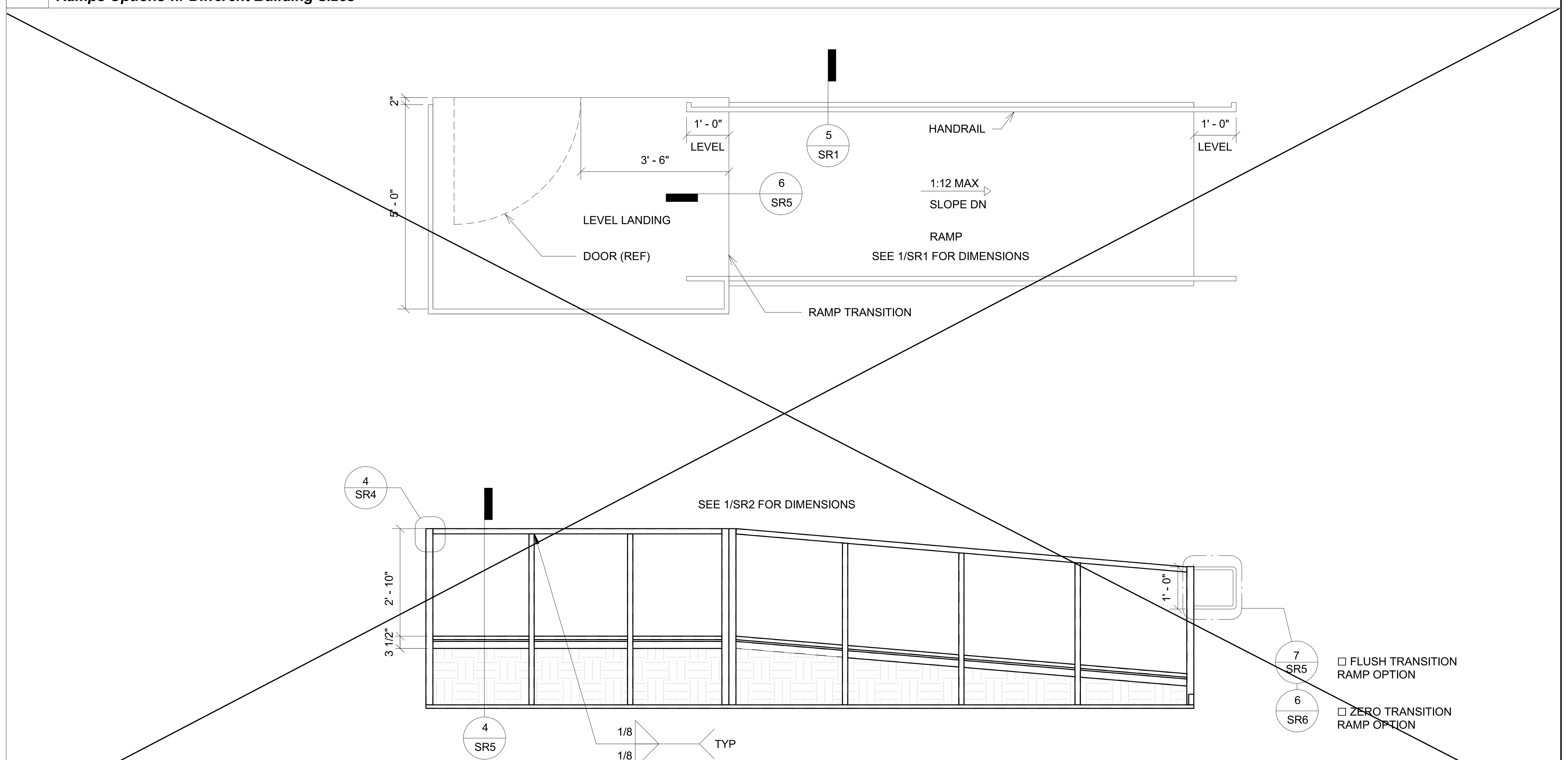
option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



2 *Ramps Options w/ Different Building Sizes*



3 1/2" = 1'-0"
Standard Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRISCH
No. S3380
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER	17016A
DRAWN BY	SM
CHECKED BY	rMc
DATE	05/04/2017
SHEET NO.	SR0-6

SHEET OF

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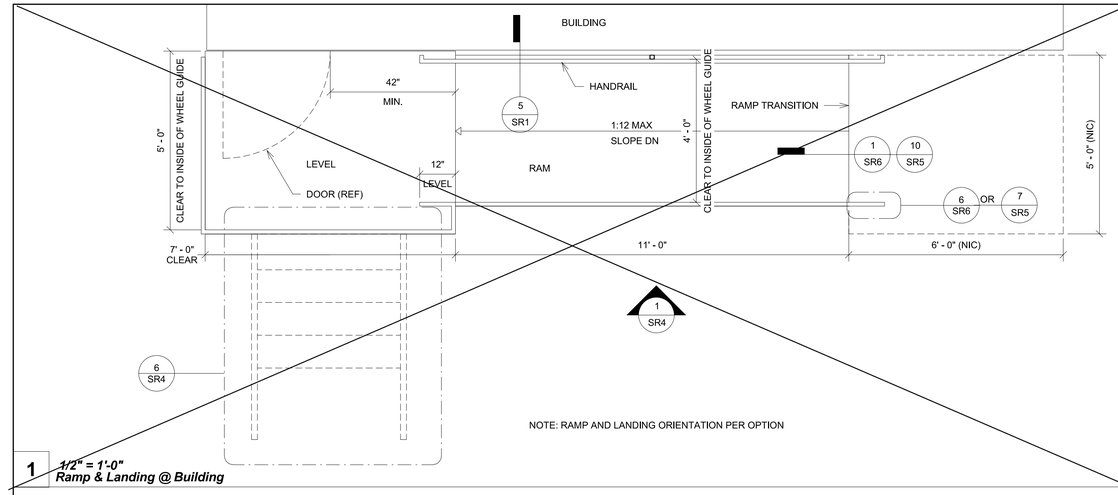
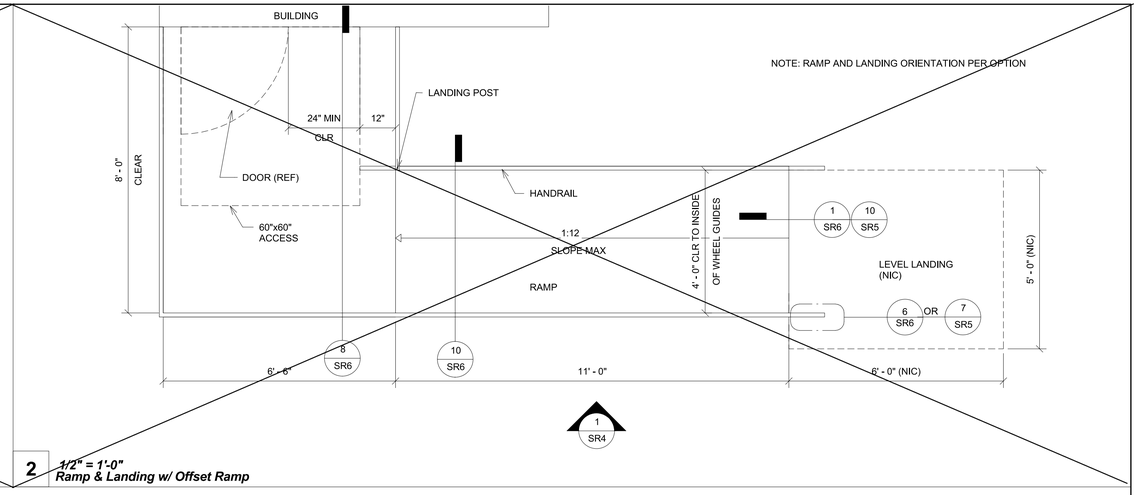
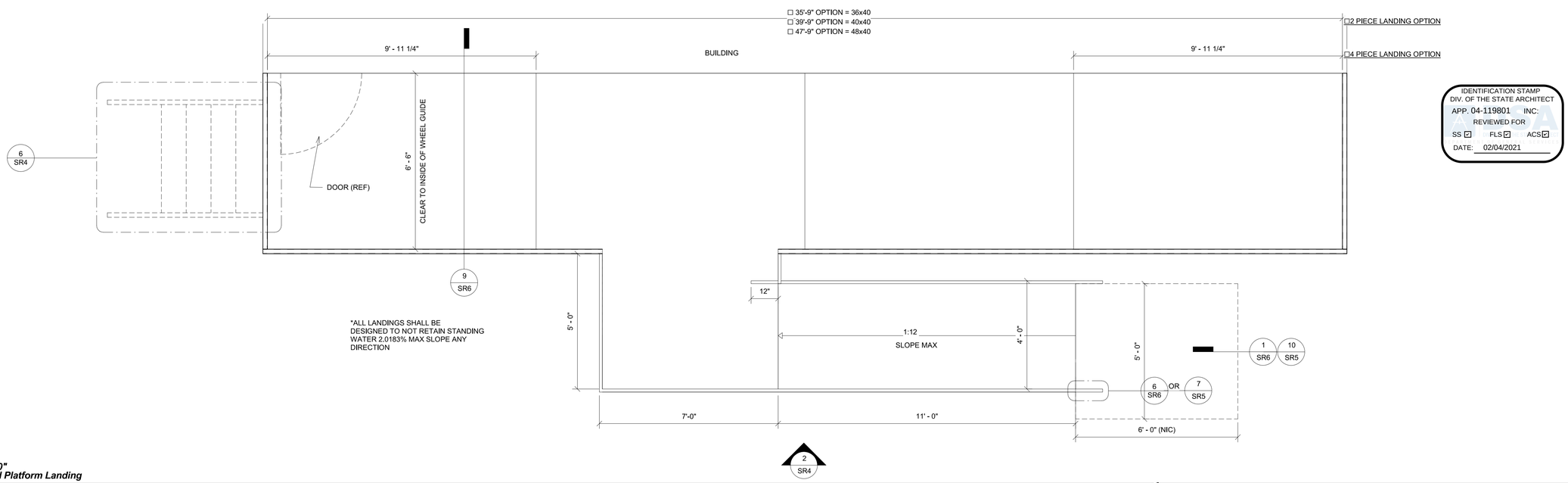


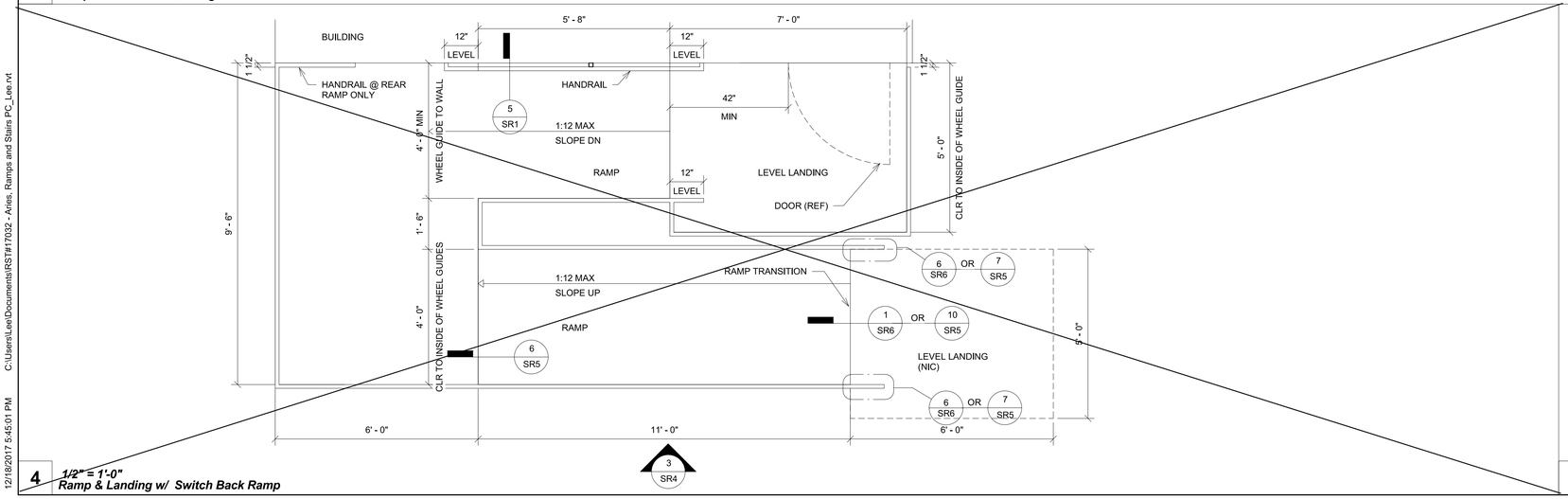
1 **1/2" = 1'-0"**
Ramp & Landing @ Building



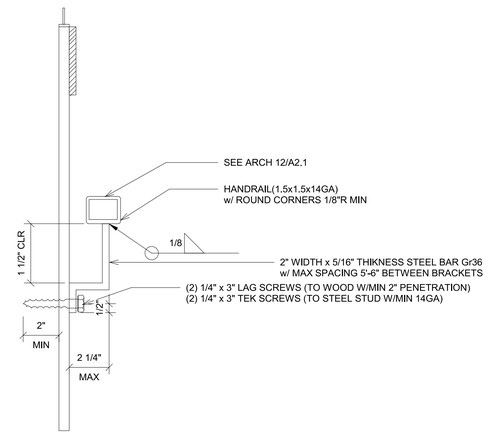
2 **1/2" = 1'-0"**
Ramp & Landing w/ Offset Ramp



3 **1/2" = 1'-0"**
Ramp and Platform Landing



4 **1/2" = 1'-0"**
Ramp & Landing w/ Switch Back Ramp



5 **3" = 1'-0"**
Handrail

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCO
C-43804
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Plan

PROJECT NUMBER
17016A

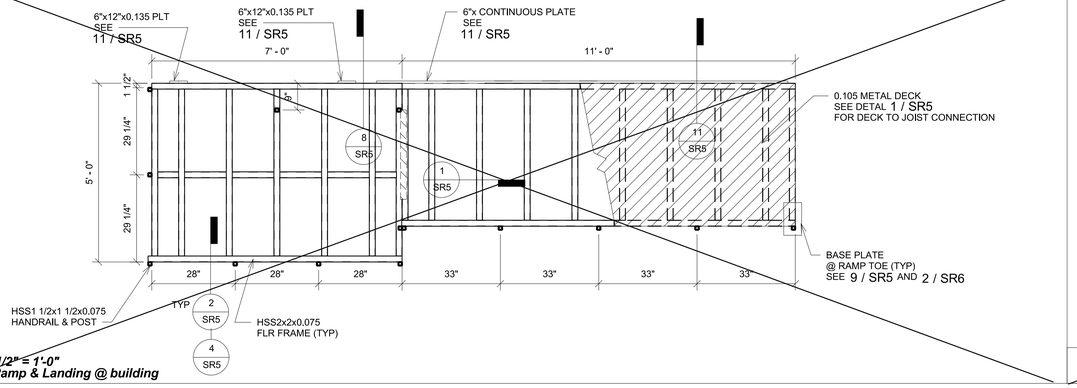
DRAWN BY
SM

CHECKED BY
rMc

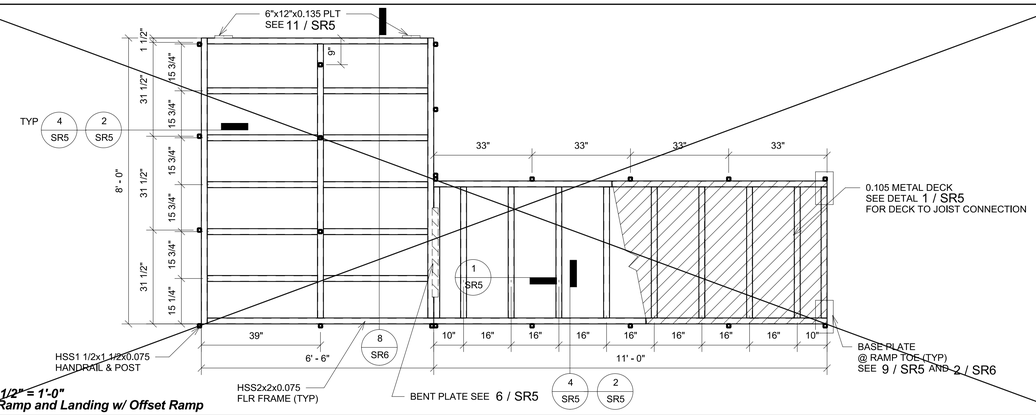
DATE
05/04/2017

SHEET NO.
SR1-6

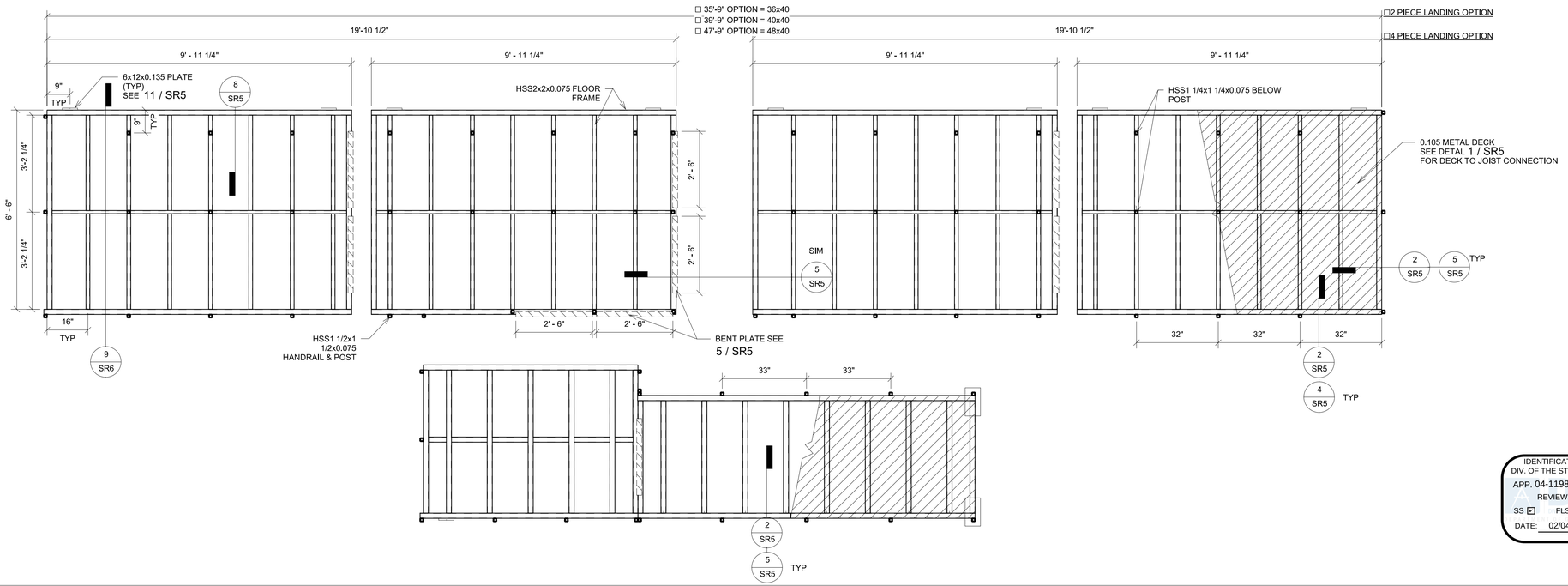
SHEET OF



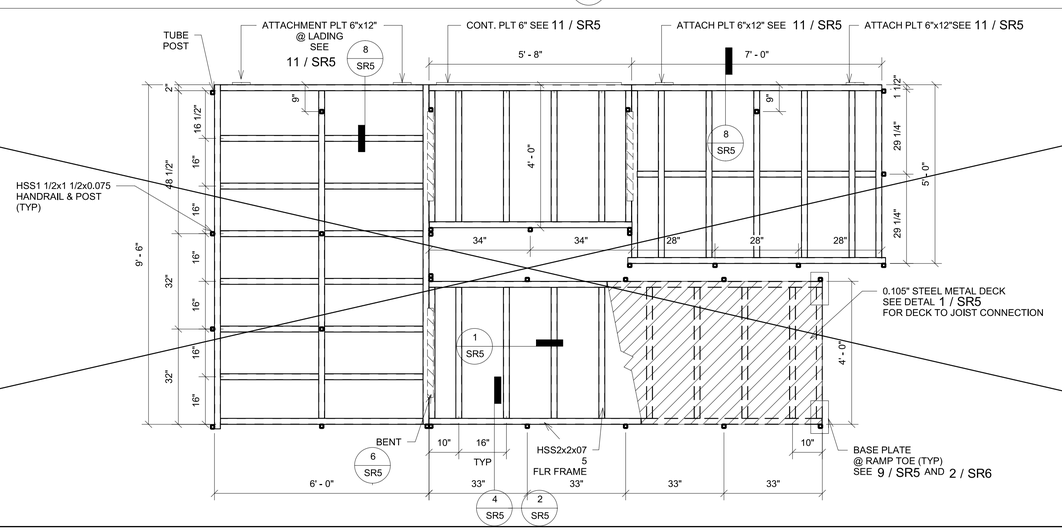
1 *1/2" = 1'-0"*
Ramp & Landing @ building



2 *1/2" = 1'-0"*
Ramp and Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp & Platform Landing Frame



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp

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12/18/2017 5:45:02 PM

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRIAS C 52380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Framing

PROJECT NUMBER 17016A

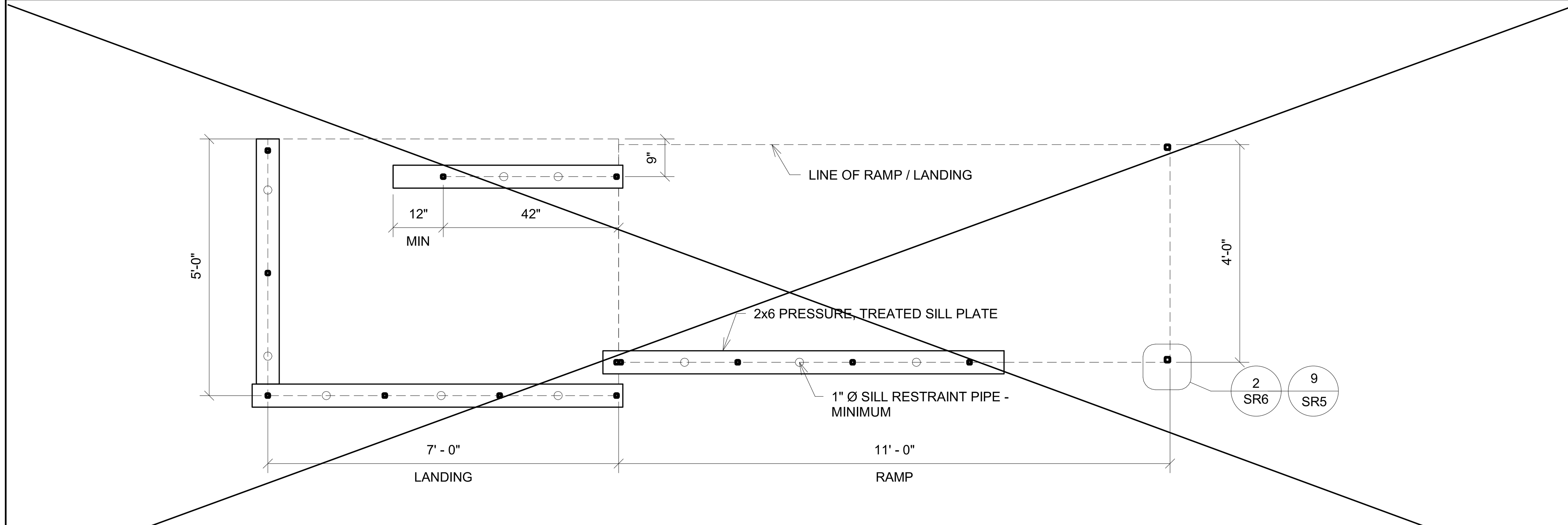
DRAWN BY SM

CHECKED BY BR/rMc

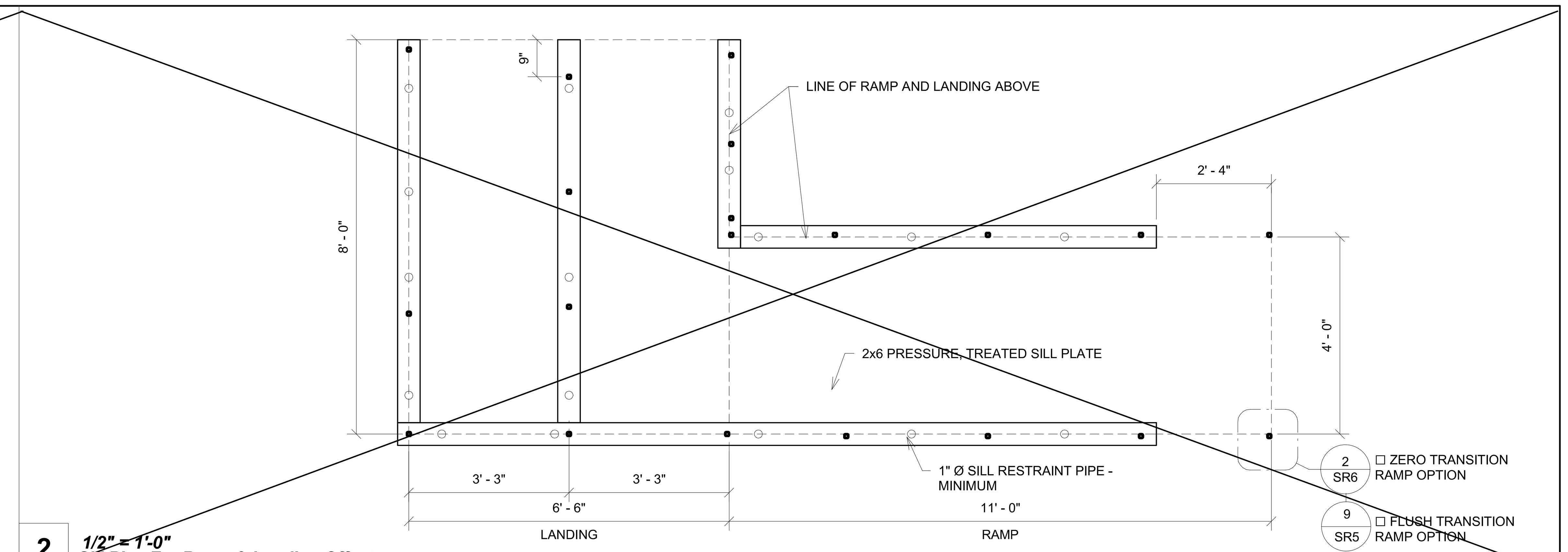
DATE 05/04/2017

SHEET NO. SR2-6

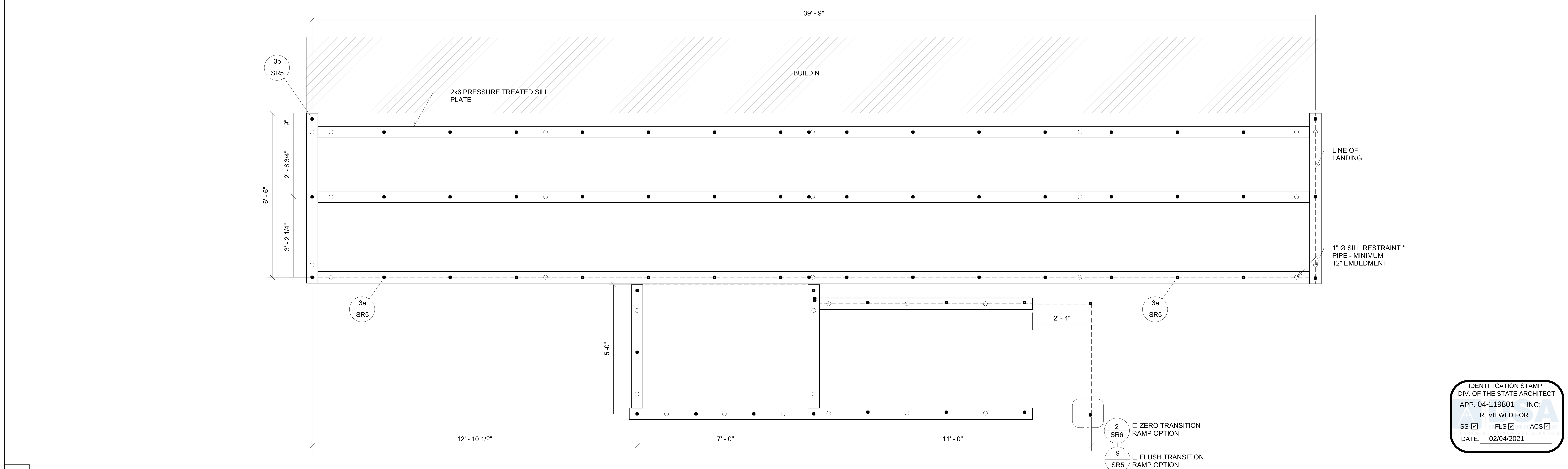
SHEET OF



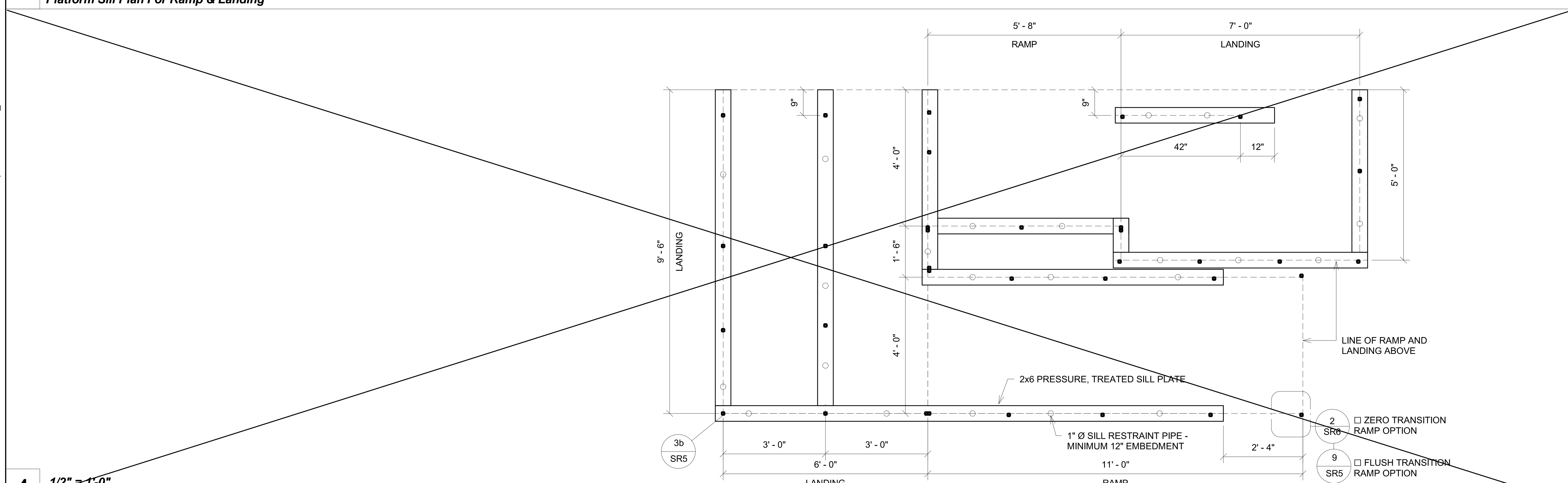
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS FA SSR XER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule		
#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR3-6

SHEET OF

C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt
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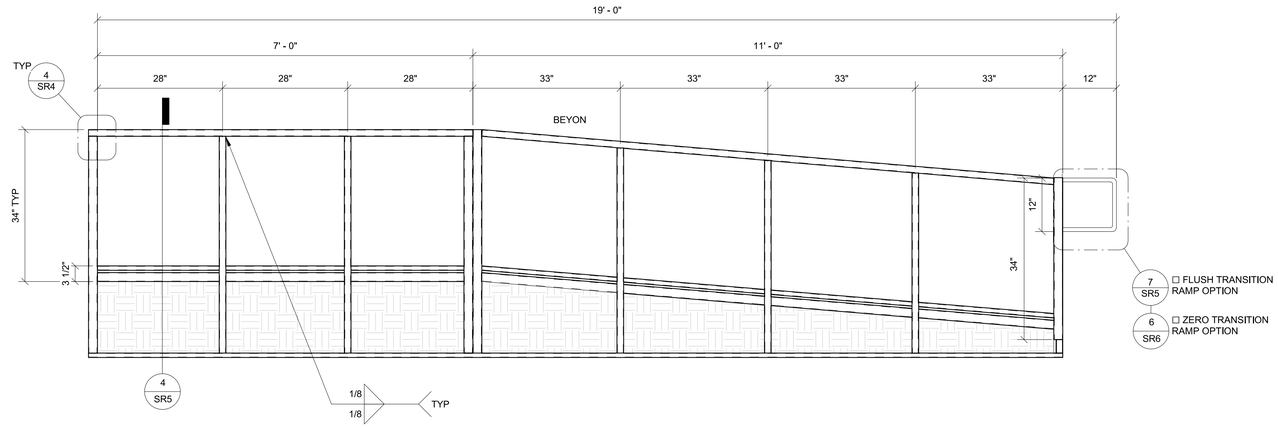
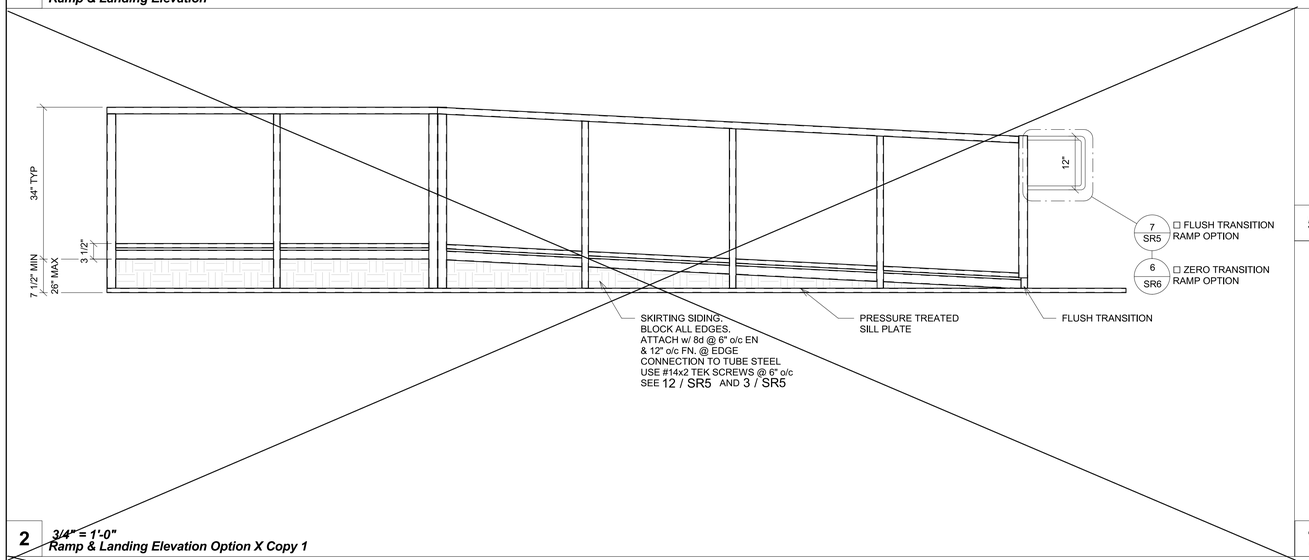
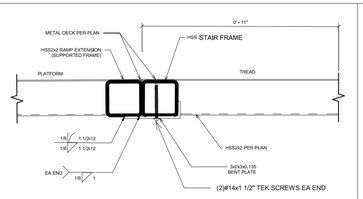


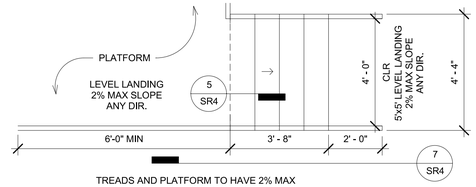
1 ***3/4" = 1'-0"***
Ramp & Landing Elevation



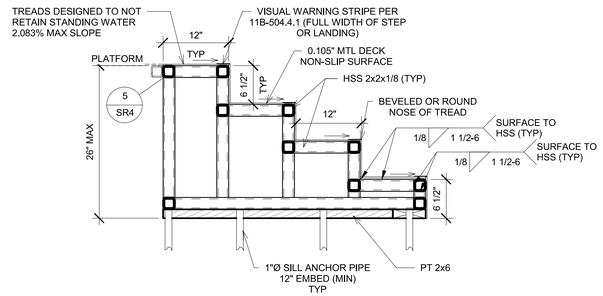
2 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X Copy 1



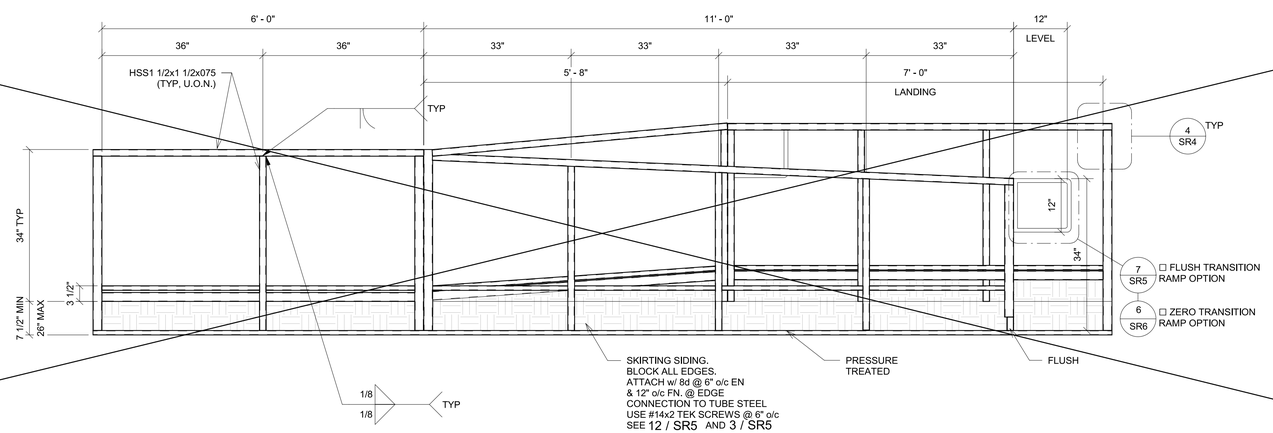
5 ***3" = 1'-0"***
Conn @ Platform



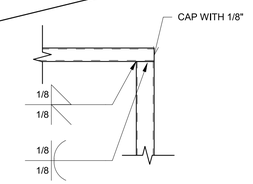
6 ***3/8" = 1'-0"***
Stair



7 ***1" = 1'-0"***
Stair Elev



3 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X



4 ***1 1/2" = 1'-0"***
Ramp & Landing Elevation Option X1 - Callout 1

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12/18/2017 6:19:03 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 108
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCO
No. S-2380
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
17016A

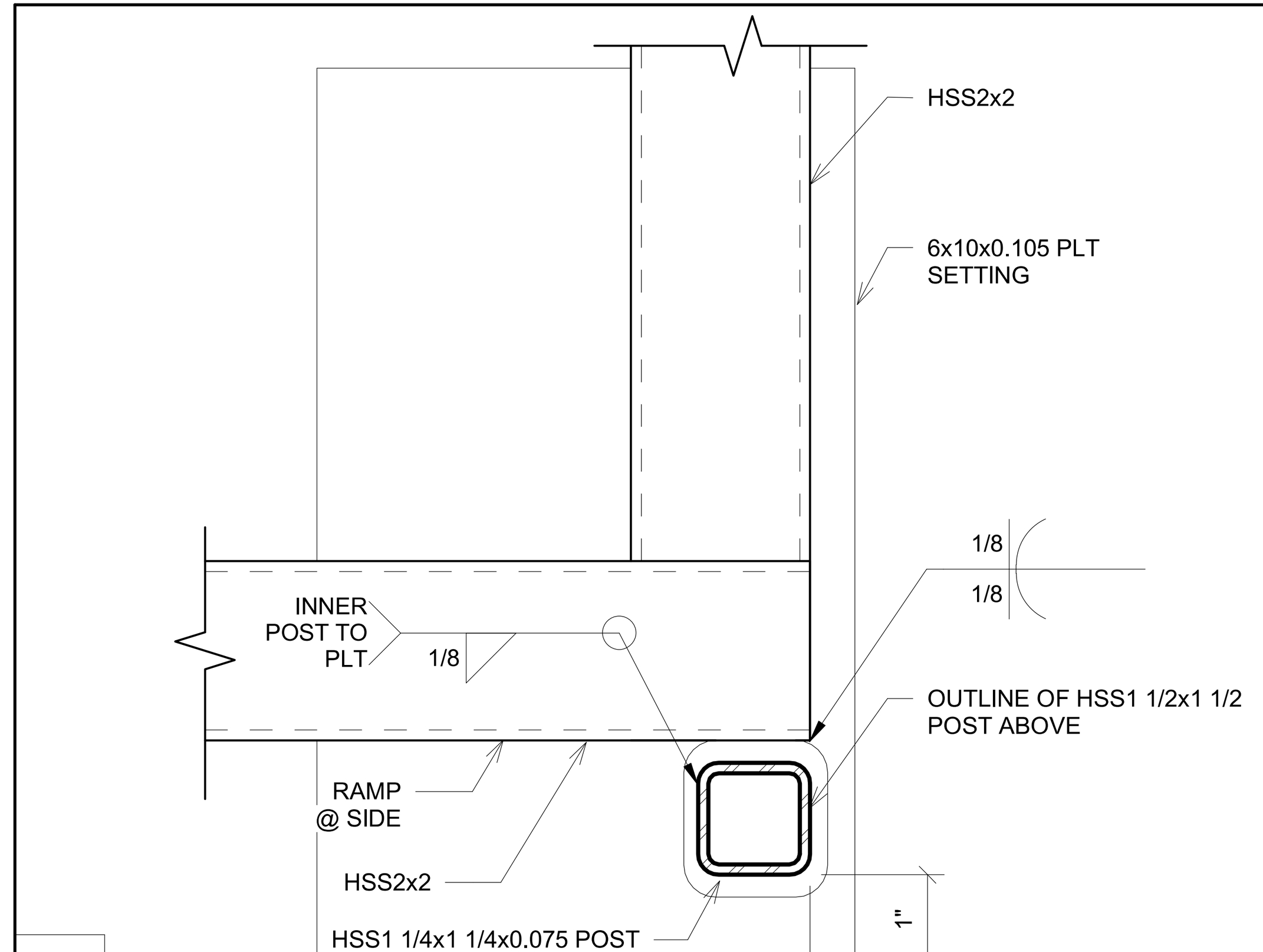
DRAWN BY
SM

CHECKED BY
rMc

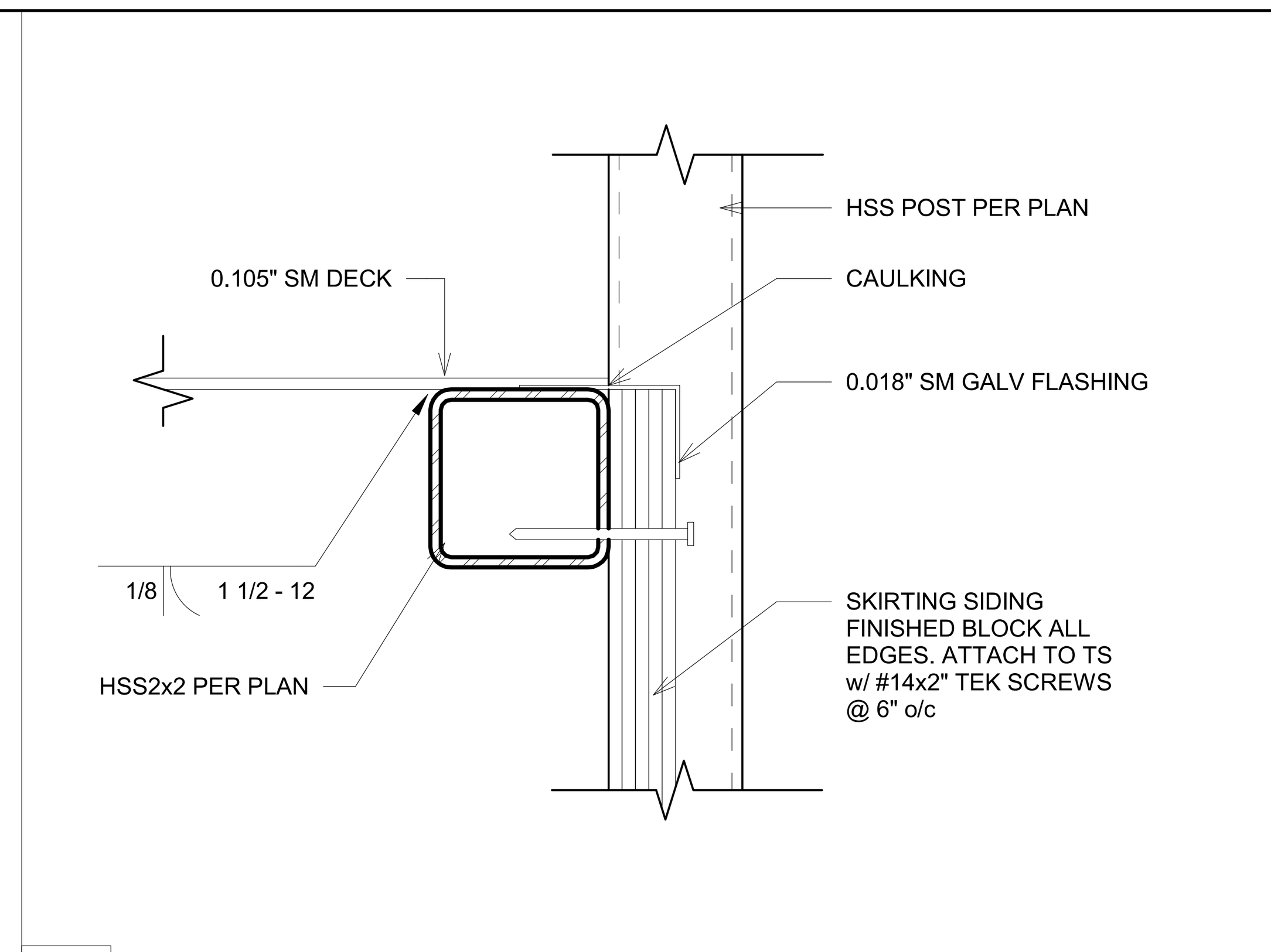
DATE
05/04/2017

SHEET NO.
SR4-6

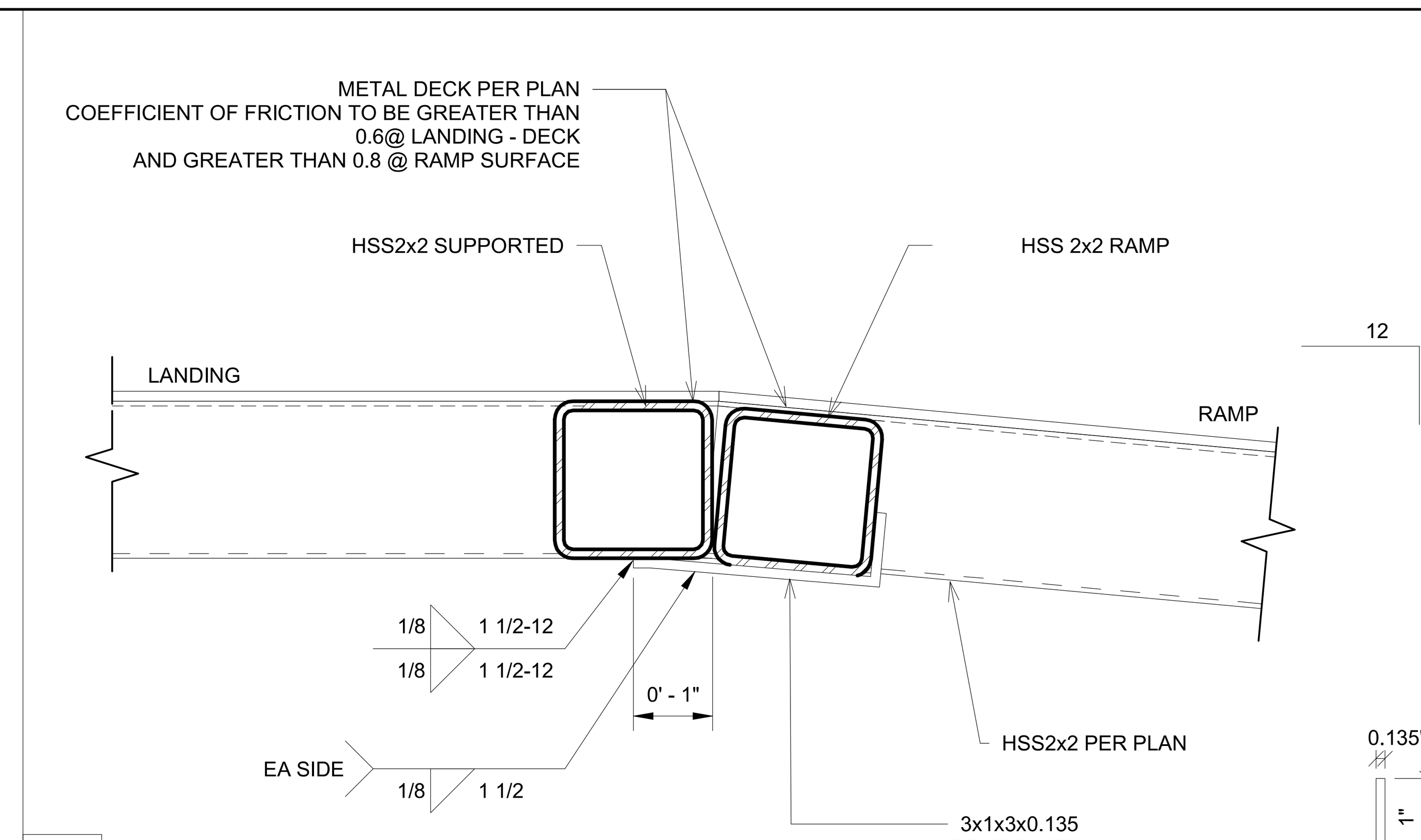
SHEET OF



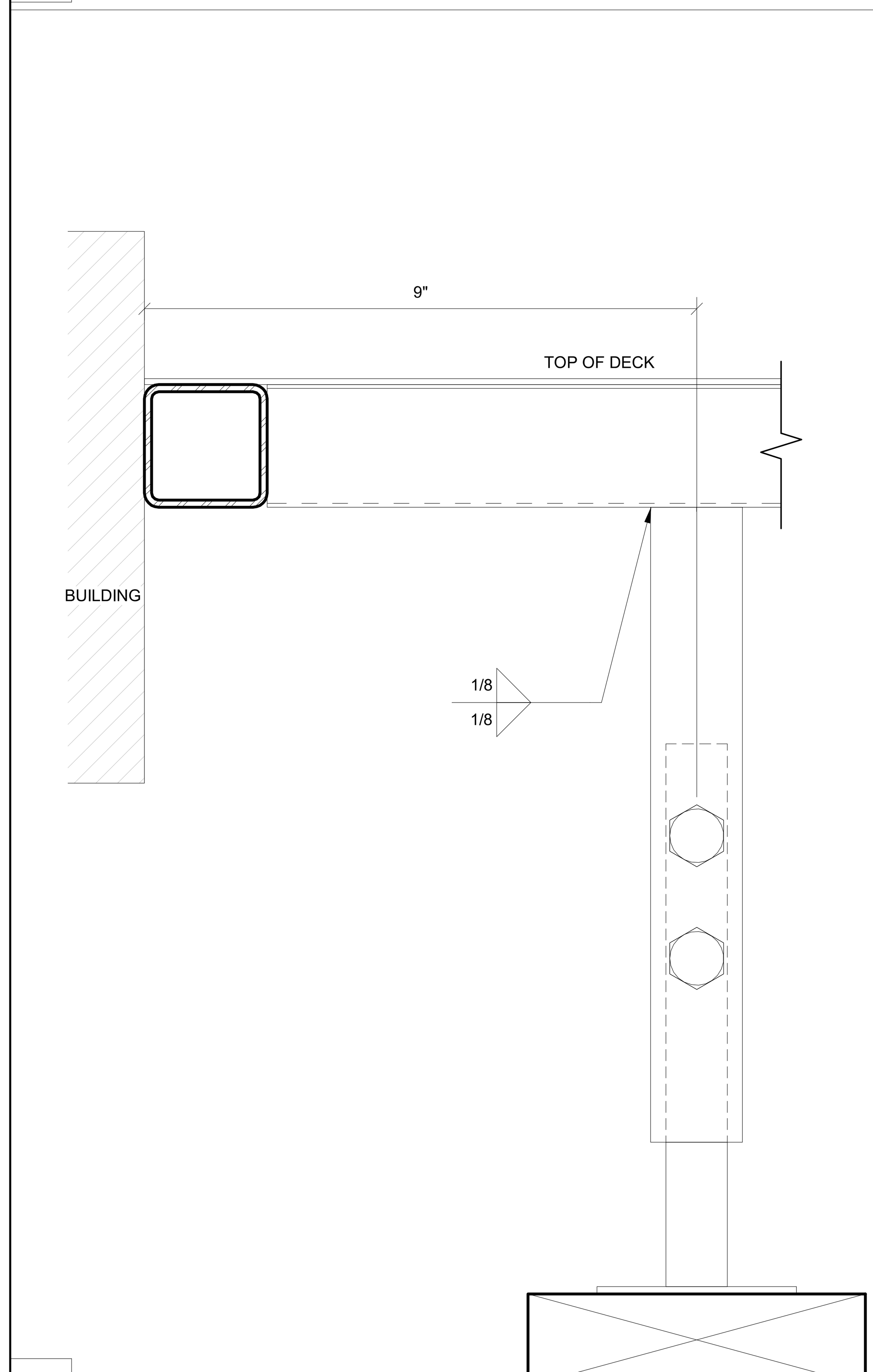
9 6" = 1'-0" *Base Plate @ Ramp Toe*



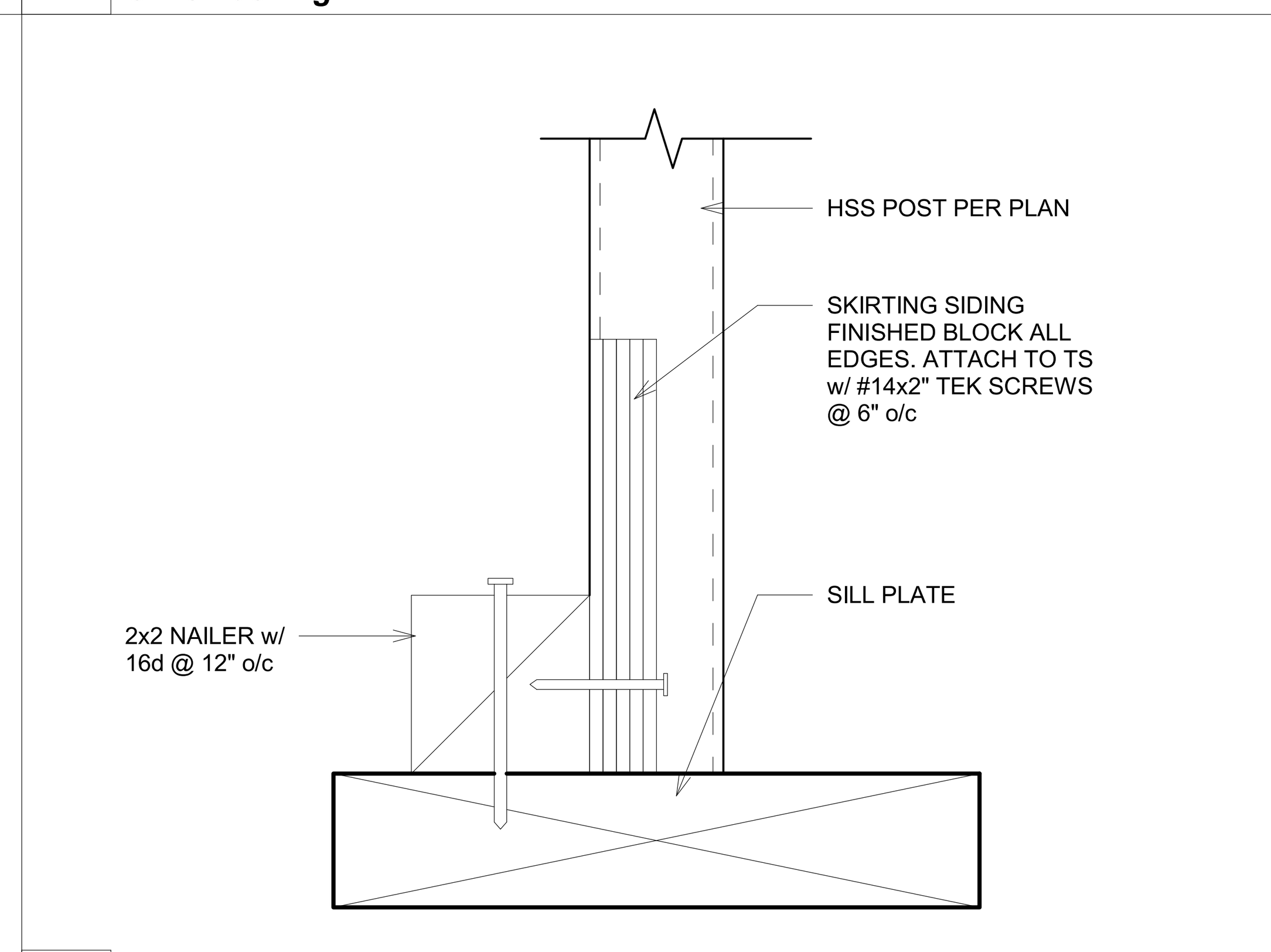
12 6" = 1'-0" *Skirt Flashing*



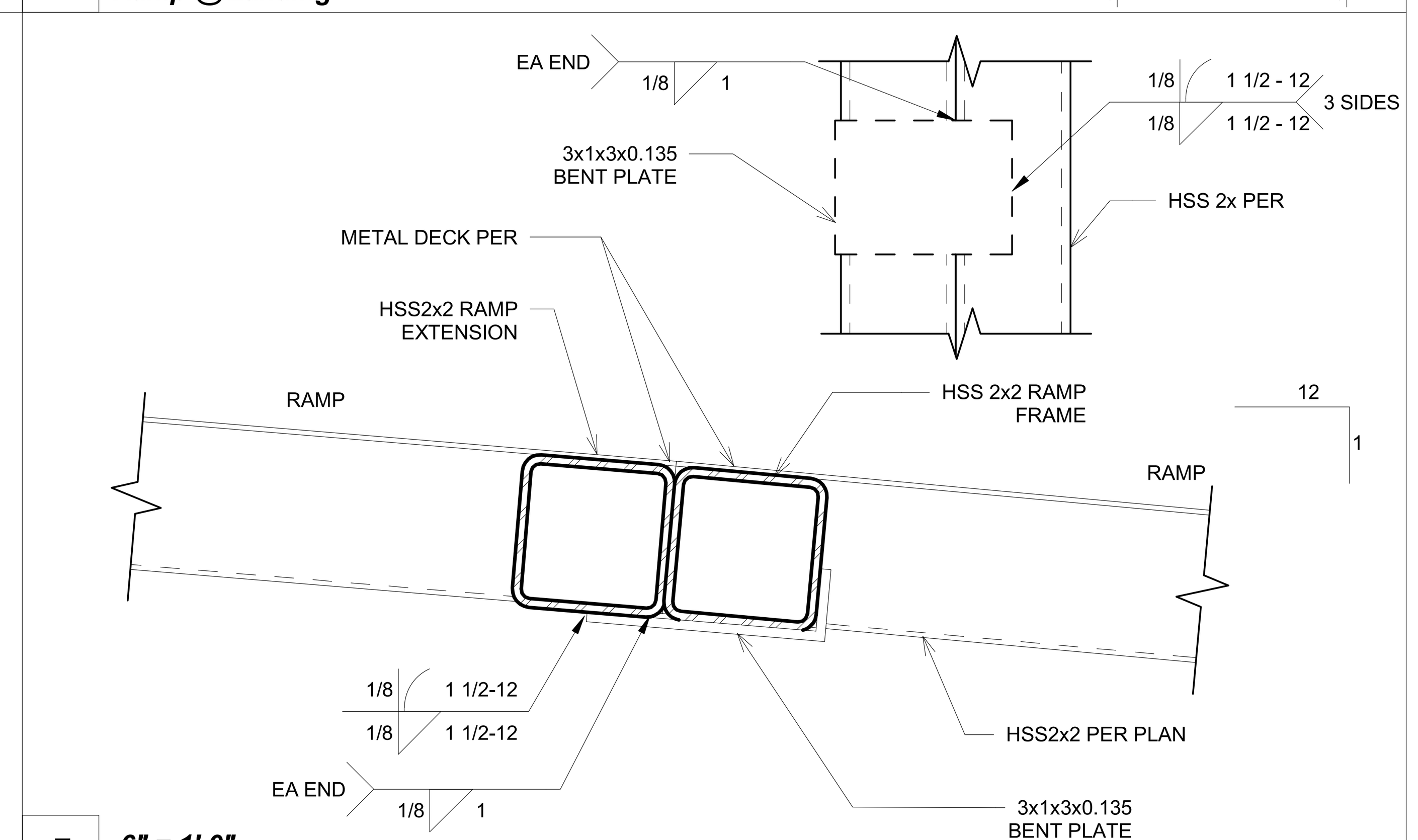
6 6" = 1'-0" *Ramp @ Landing*



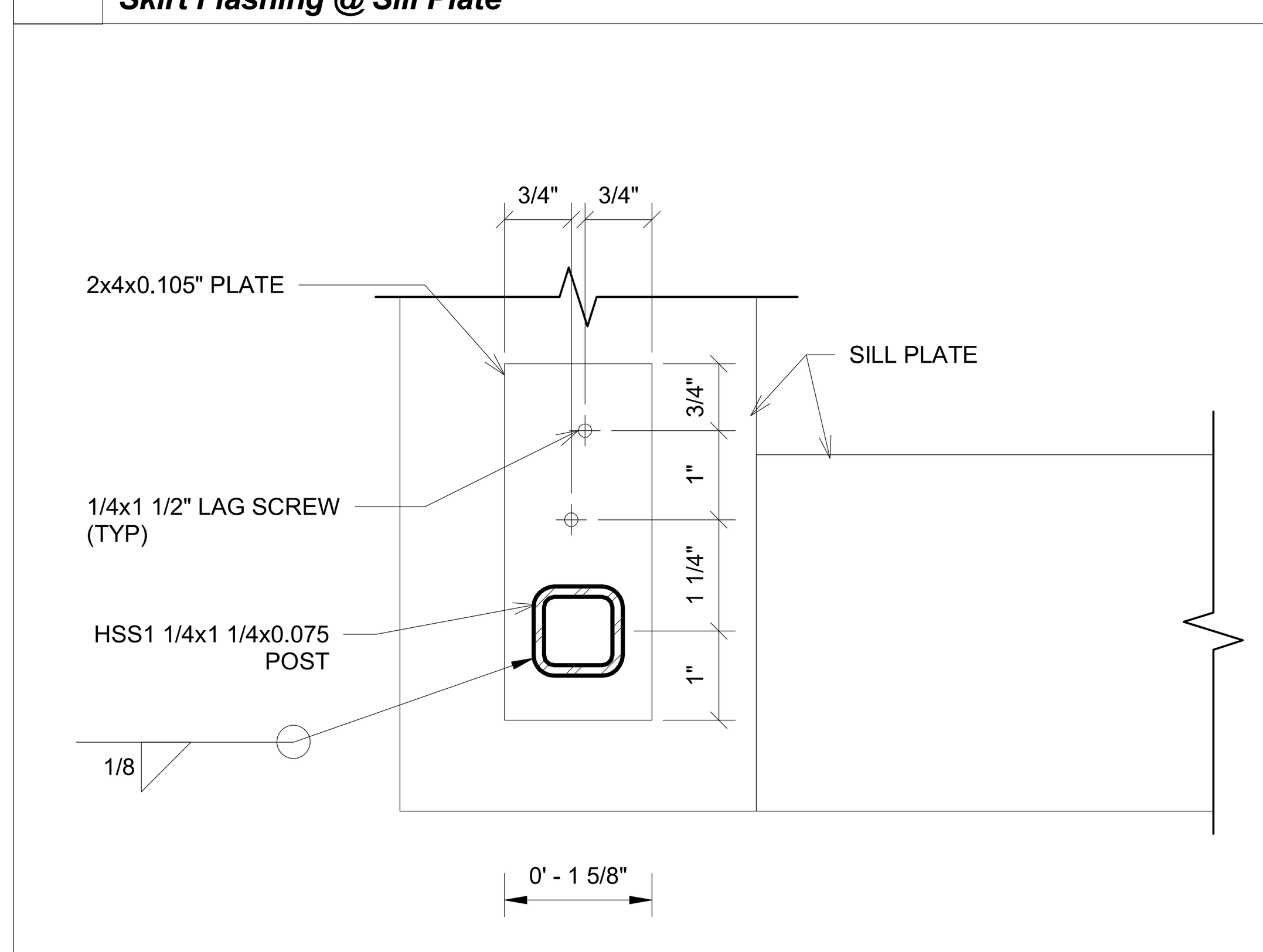
8 6" = 1'-0" *Interior Landing Leg Section*



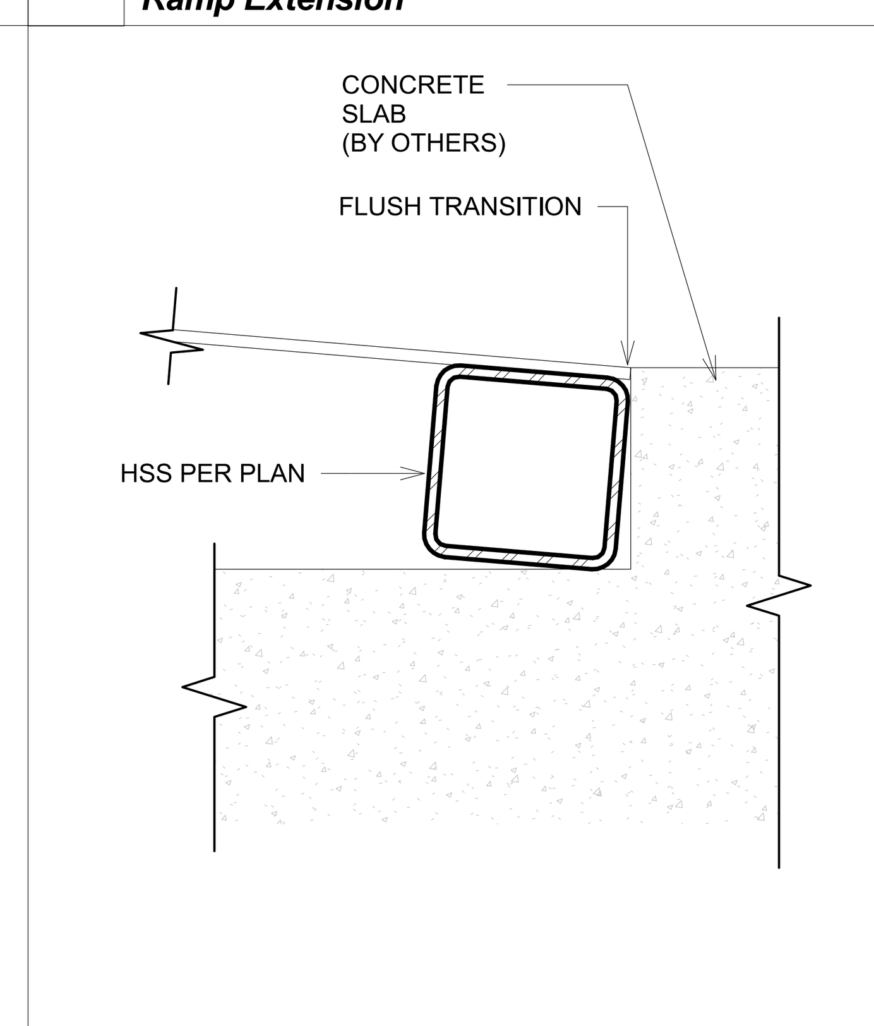
3 6" = 1'-0" *Skirt Flashing @ Sill Plate*



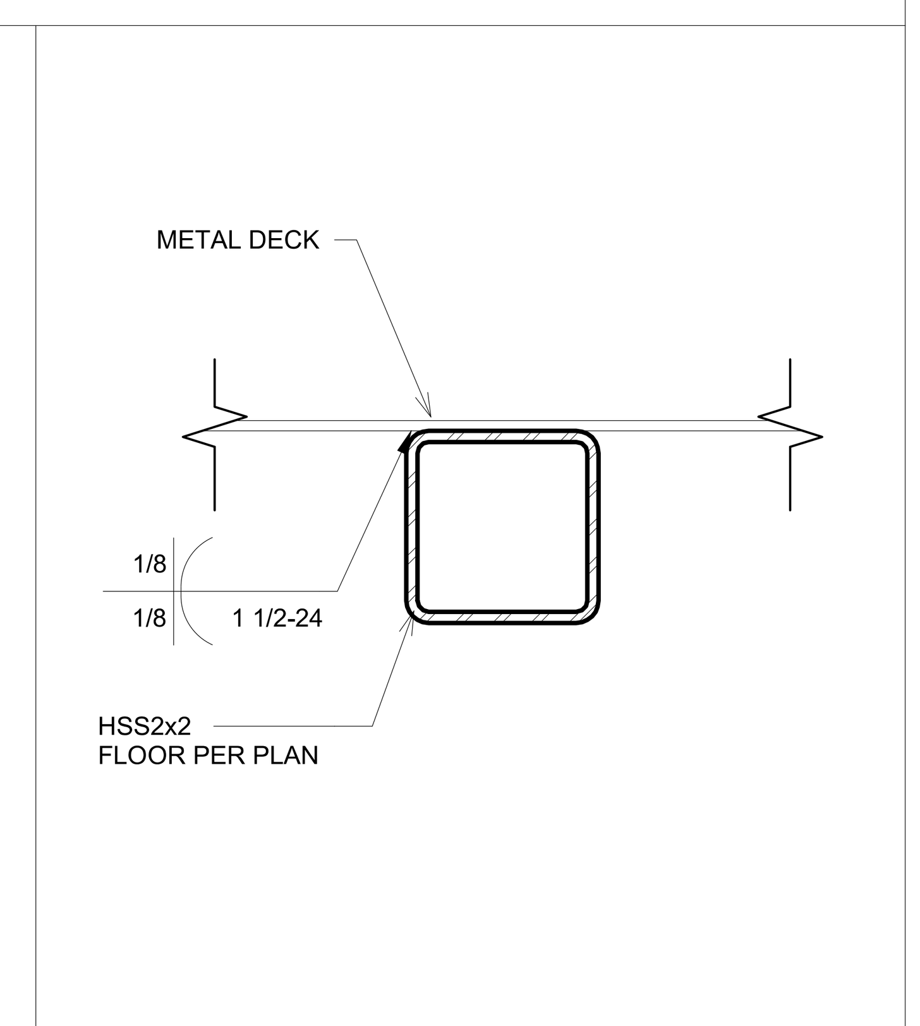
5 6" = 1'-0" *Ramp Extension*



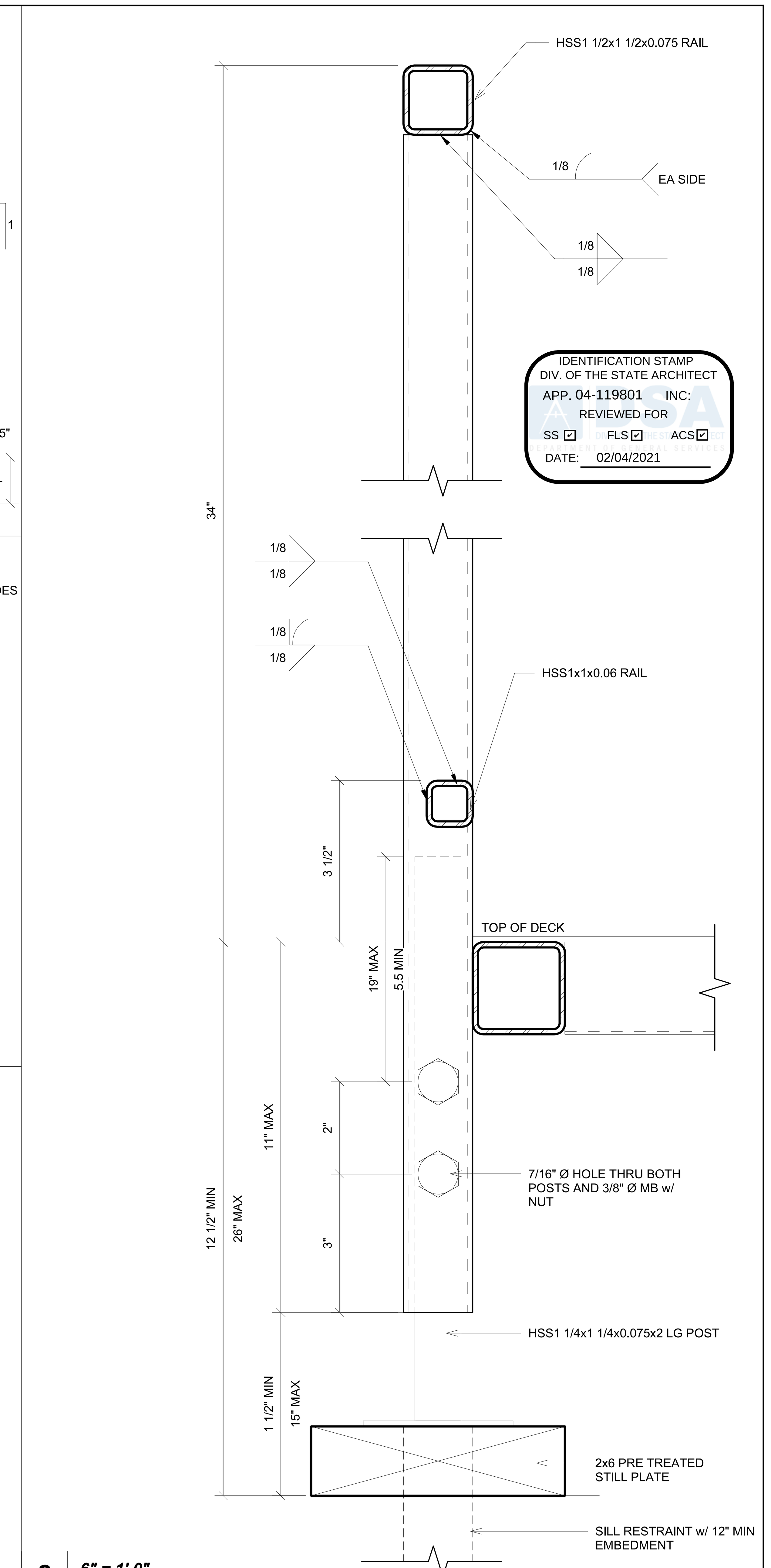
3b 6" = 1'-0" *Adjustable Leg Base Plate*



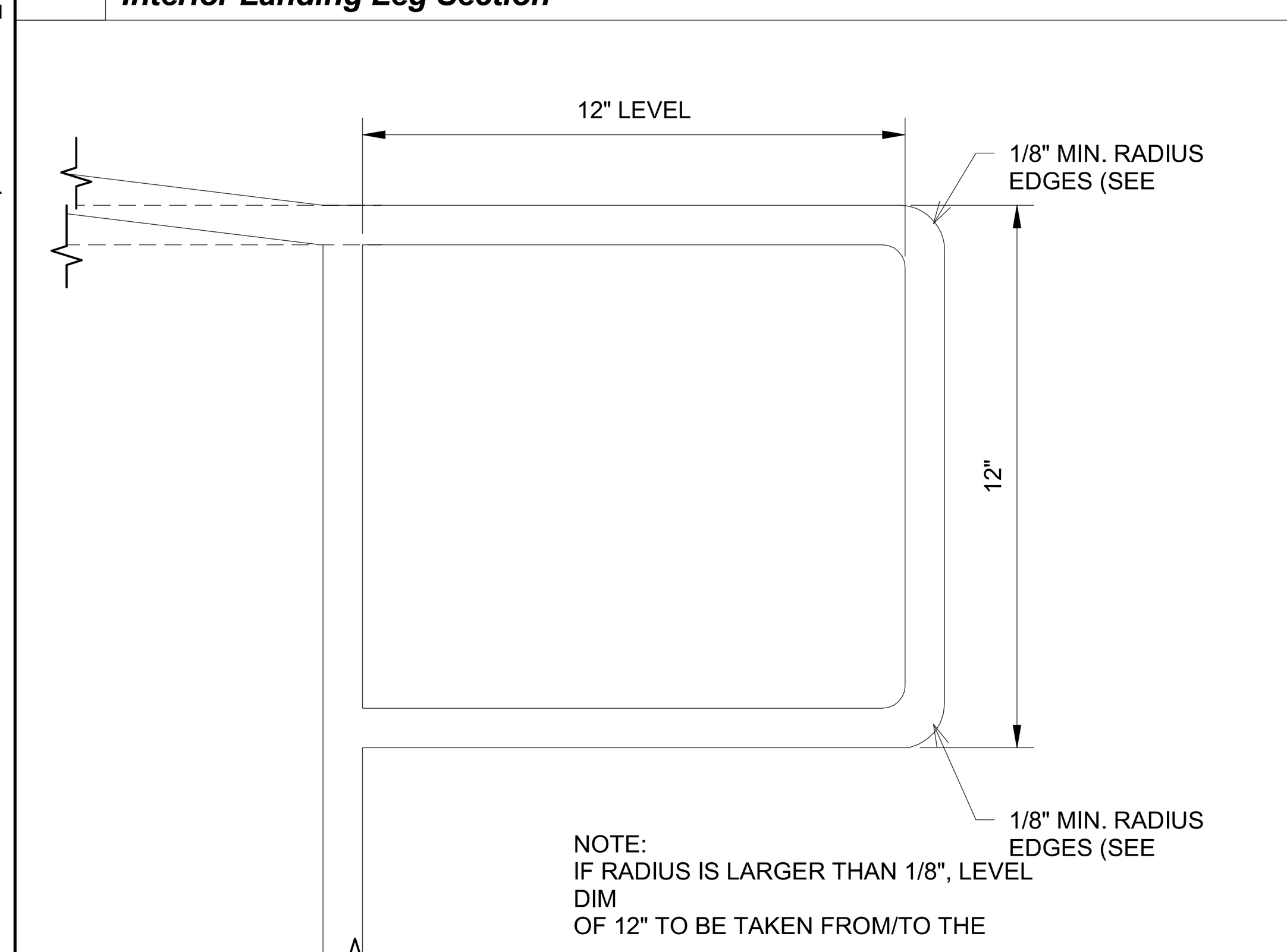
10 6" = 1'-0" *Flush Transition @ Bottom of Ramp*



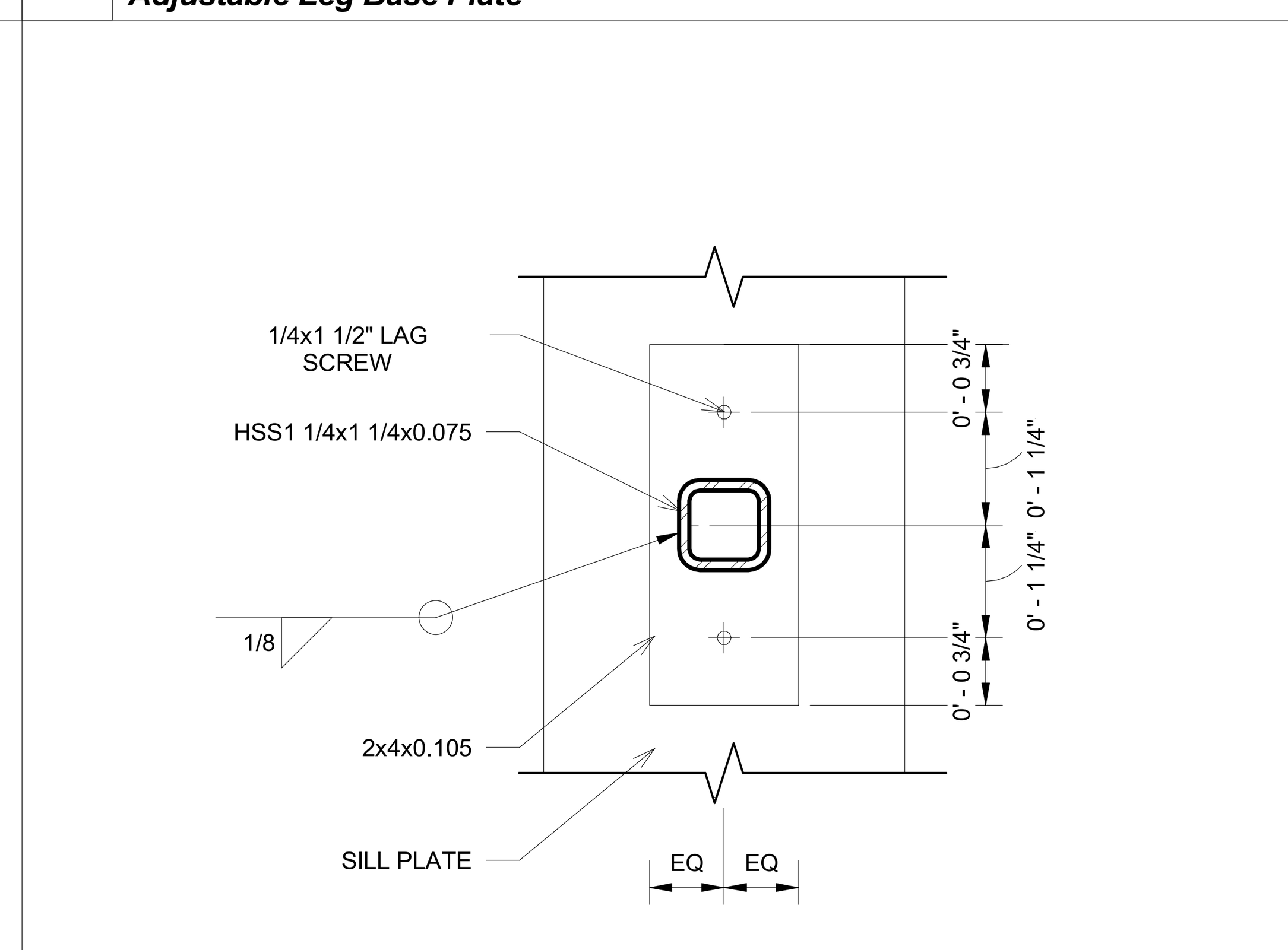
1 6" = 1'-0" *Deck to Frame*



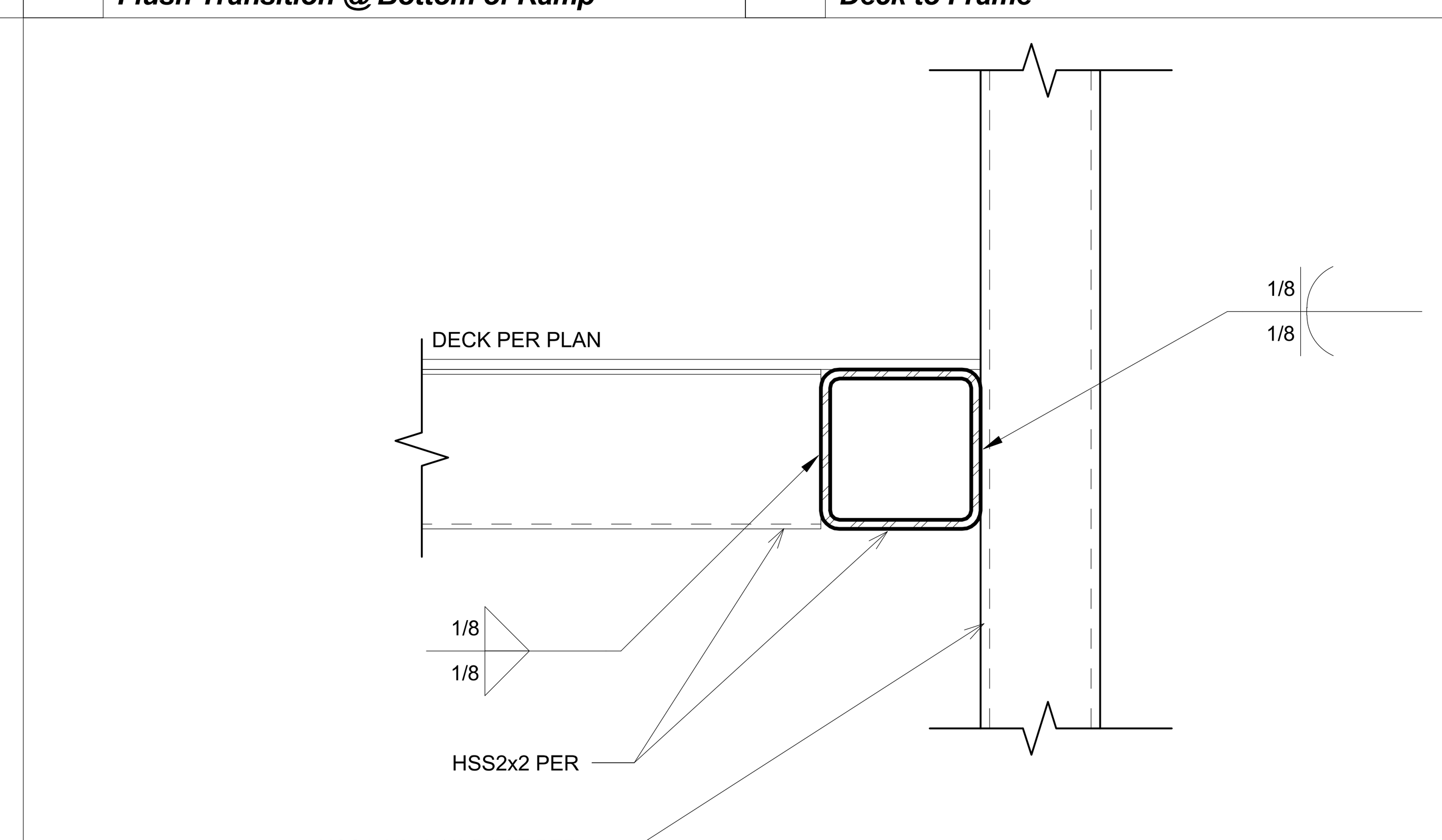
2 6" = 1'-0" *Adjustable Leg*



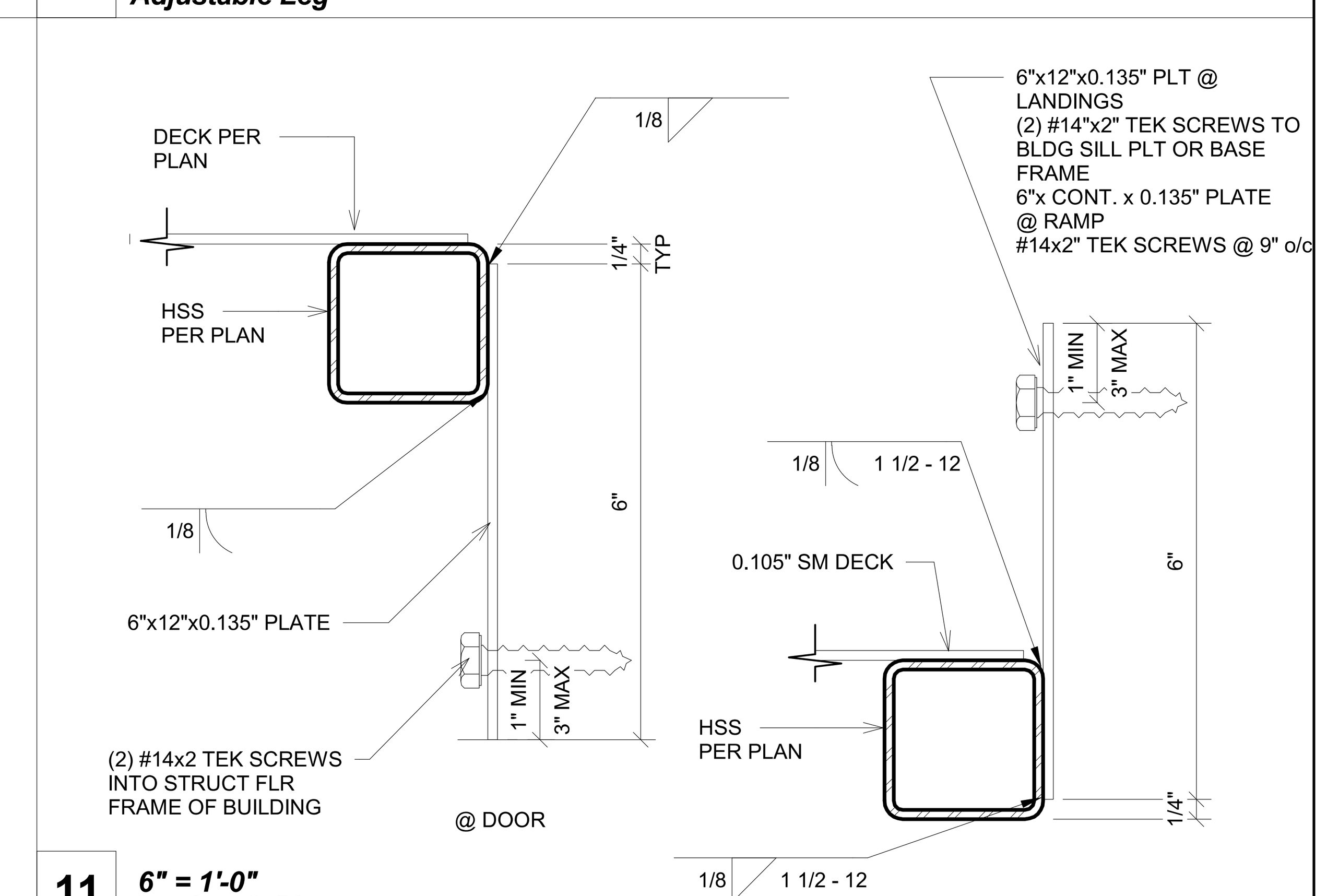
7 3" = 1'-0" *Extend Handrail @ Top or Bott. Ends*



3a 6" = 1'-0" *Adjustable Leg Plate*



4 6" = 1'-0" *Guardrail post Attachment*



11 6" = 1'-0" *Section @ Plate*

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12/18/2017 5:45:05 PM

R&S TAVARES ASSOCIATES
DESIGN • CONSULTING • PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

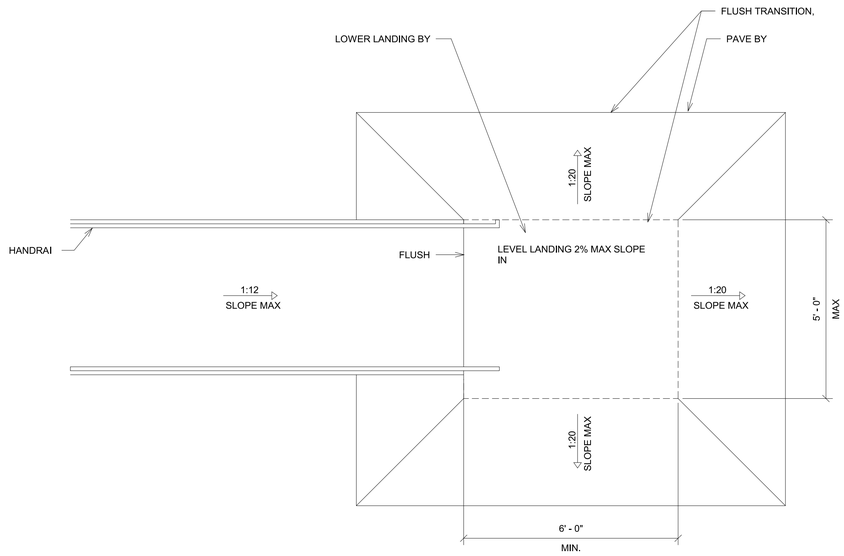
DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

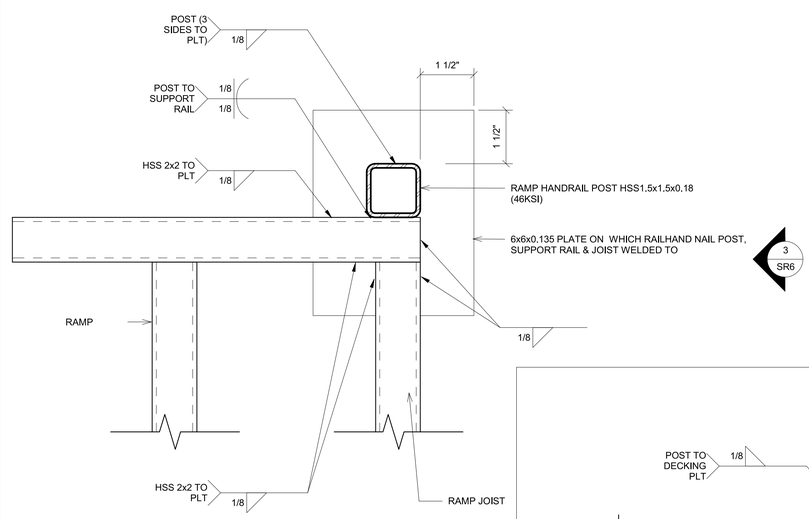
SHEET NO.
SR5-6

SHEET OF

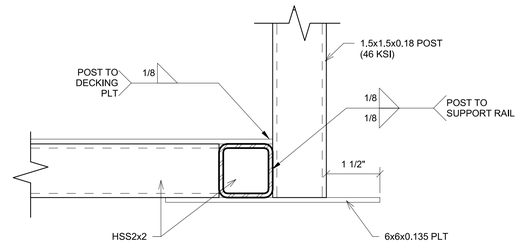


NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

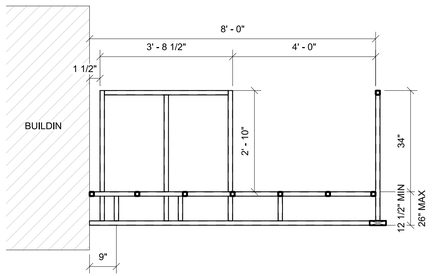
7 *1/2" = 1'-0"*
Ramp Transition



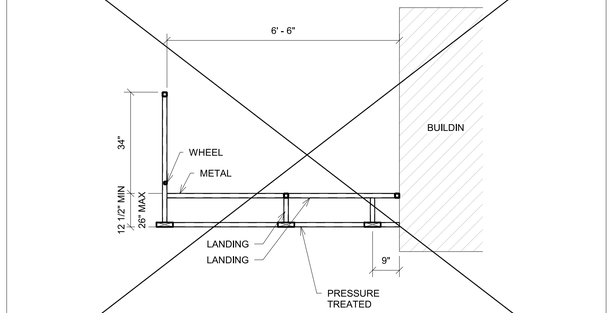
2 *6" = 1'-0"*
Base Plt @ Ramp Toe For Zero Transition



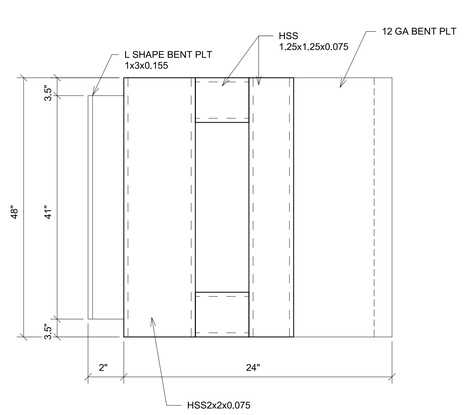
3 *6" = 1'-0"*
Base Plt @ Ramp Toe Low Zero Side View



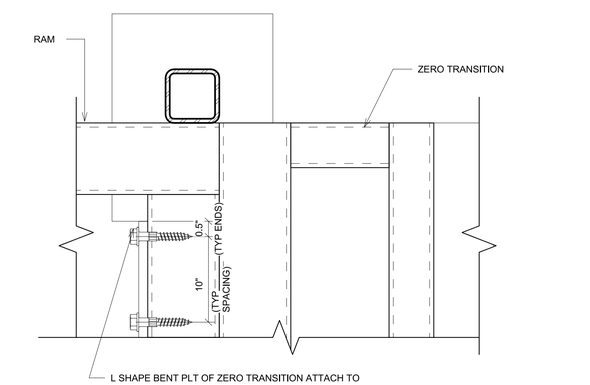
8 *1/2" = 1'-0"*
Section @ Landing



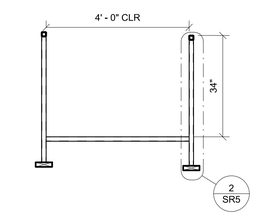
9 *1/2" = 1'-0"*
Section @ Landing Copy 1



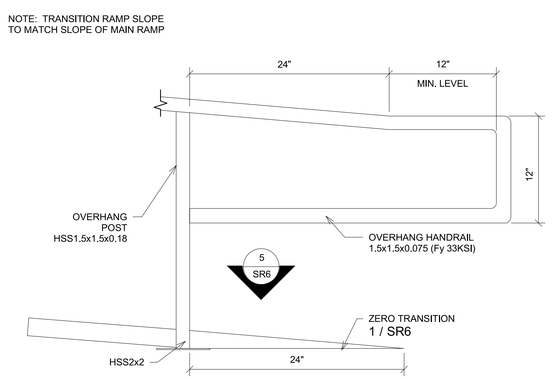
4 *6" = 1'-0"*
Top View Ramp Zero Transition



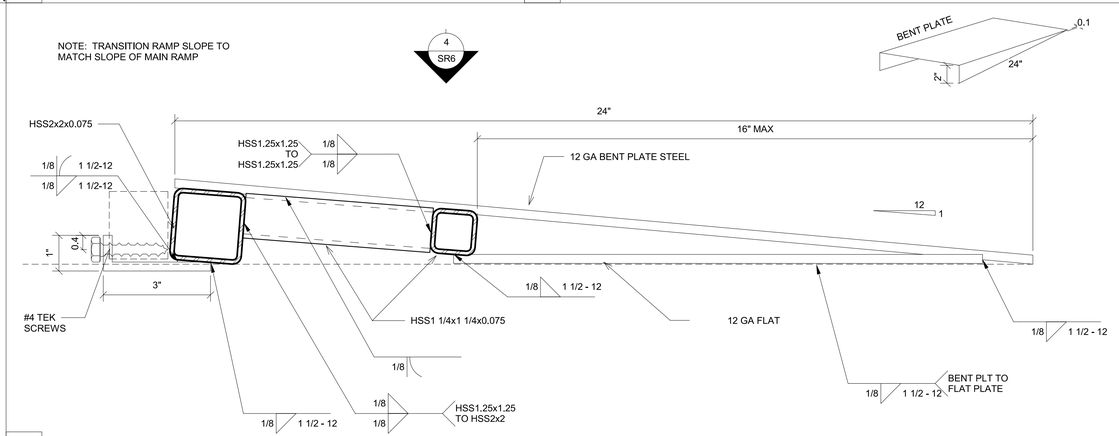
5 *6" = 1'-0"*
Zero Transition Ramp Connection



10 *1/2" = 1'-0"*
Section @ Ramp



6 *1 1/2" = 1'-0"*
Extend Handrail @ Bottom End For Zero Transition Ramp



1 *6" = 1'-0"*
Zero Transition Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRIAS No. S4380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR6-6

SHEET OF

12/19/2017 5:45:06 PM C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt

MODULAR CLASSROOM BUILDINGS

BUILDING SIZE: 24' X 40'

EXPANDABLE TO 120' X 40'

PC 04-112072

BY

SILVER CREEK INDUSTRIES, INC.
195 EAST MORGAN, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CLASS LEASING

Stock Pile # 122

~~OPTION > 24'X40'~~
OPTION > 36'X40'
~~OPTION > 48'X40'~~

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

CLASSROOM BLDG'S

JOB # E-239

IMPERIAL COLLEGE

(1) 36X40 CLASSROOM

COMPUTER LAB

S/N:
10169 - 70 - 71
~~10172 - 73 - 74~~

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2010 CBC 705.3
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE SHEET S-0.1 STRUCTURAL SPECIFICATIONS
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2010 CBC.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.
10. SEE SHEETS A-0.6, A-0.7 AND A-0.8 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.

The automatic fire sprinkler system for this PC has been designed for light hazard occupancies

APPLICABLE STANDARDS

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2010 EDITION
NFPA 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2010 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

APPLICABLE CODES (AS OF JANUARY 1, 2011)

LIST OF 2010 CALIFORNIA CODE OF REGULATIONS

2010 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2010 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2, PART 2, TITLE 24 C.C.R. (2009 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2009 IAPMO UNIFORM MECHANICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2009 IAPMO UNIFORM PLUMBING CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. (2008 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICENCY STANDARDS)
2010 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2009 INTERNATIONAL FIRE CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA GREEN CODE, PART 11, TITLE 24 C.C.R.
2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

BUILDING DATA

NUMBER OF STORIES:	1 - STORY	
OCCUPANCY:	E: 24' - 120' x 40' BUILDINGS	
TYPE OF CONSTRUCTION:	VB	
FLOOR LIVE LOAD:	☐ 50 PSF / ☐ 100 PSF	☒ 50+15 PSF PARTITION LOAD / ☐ 150 PSF
ROOF LIVE LOAD:	20 PSF	
FLOOR DEAD LOAD:	☒ WOOD FLOOR - 8 PSF	☐ CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)	
RAMP LIVE LOAD:	100 PSF	
BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS) ALLOWABLE AREA = 9500 SF	☒ 24'x40' BLDG - 960 SF/1140 SF ☒ 36'x40' BLDG - 1440 SF/1710 SF ☒ 48'x40' BLDG - 1920 SF/2280 SF ☐ 60'x40' BLDG - 2400 SF/2850 SF ☐ 72'x40' BLDG - 2880 SF/3420 SF	☐ 84'x40' BLDG - 3360 SF/3990 SF ☐ 96'x40' BLDG - 3840 SF/4560 SF ☐ 108'x40' BLDG - 4320 SF/5130 SF ☐ 120'x40' BLDG - 4800 SF/5700 SF
FOUNDATION:	☐ WOOD	☐ CONCRETE
CEC CLIMATE ZONES:	1- 16	

WIND DESIGN DATA SECTION 1603.A.1.4

1. BASIC WIND SPEED, 3 SEC GUST (MPH) :			100 / Kzt = 1.0
2. WIND IMPORTANCE FACTOR :			1
3. WIND EXPOSURE :			"C"
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT :			± 0.18
5. COMPONENTS AND CLADDING :			
ZONE 1 =	23.1	ZONE 4 =	22.6
ZONE 2 =	38.8	ZONE 5 =	27.8
ZONE 3 =	58.4		

EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR :				1
2. MAPPED SPECTRAL RESPONSE :				
S_S = 1.5 (FOR BASE SHEAR)		S_1 = 0.954		
S_S = 2.14 (FOR ARCHITECTURAL COMPONENTS)				
3. SITE CLASS				D
4. SPECTRAL RESPONSE COEFFICIENTS :				
S_{DS} = 1		S_{D1} = 0.95		
5. SEISMIC DESIGN CATEGORY :				E
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM :				OMF
7. DESIGN BASE SHEAR (kips) :				
CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X		X		23.11
	X	X		16.24
X			X	31.35
	X		X	24.48
8. SEISMIC RESPONSE COEFFICIENT, Cs :				0.286
9. RESPONSE MODIFICATION FACTOR, R :				3.5
10. ANALYSIS PROCEDURE USED :				EQUIVALENT LATERAL FORCE
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS				6" SEP.

SR0 MODULE PLAN AND NOTES
SR1 RAMP AND LANDING PLAN
SR2 RAMP AND LANDING FRAMING
SR3 FOUNDATION PLAN
SR4 RAMP AND LANDING/STAIR FRAMING ELEVATION
SR5 RAMP DETAILS
SR6 RAMP DETAILS
~~SR7 STAIR CONN~~

NOTE
FOR NEW CONSTRUCTION STOCKPILE BUILDINGS:
SITE SPECIFIC APPROVAL CAN NOT BE CERTIFIED BEFORE THE HERE IN STOCKPILE (04-113849) IS CERTIFIED

SHEET INDEX

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING CLASSROOMS BLDG'S

SHEET TITLE:
COVER SHEET

TAVARES ASSOCIATES
No. C-26354
REN: 10-31-2013
12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE
C10322

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113849
DATE AUG 28 2014
FLS: T. Burke
ACS: B LATIMER
SS: D WANG

ORIGINAL PC STATE AGENCY APPROVAL
DEC 29 2011
PRE-CHECK (PC) DOCUMENT CODE: 2010 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
DATE DEC 29 2011

REVISIONS
SS: P. ROONEY
1
2
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SILVER CREEK INDUSTRIES
24' x 40' PC

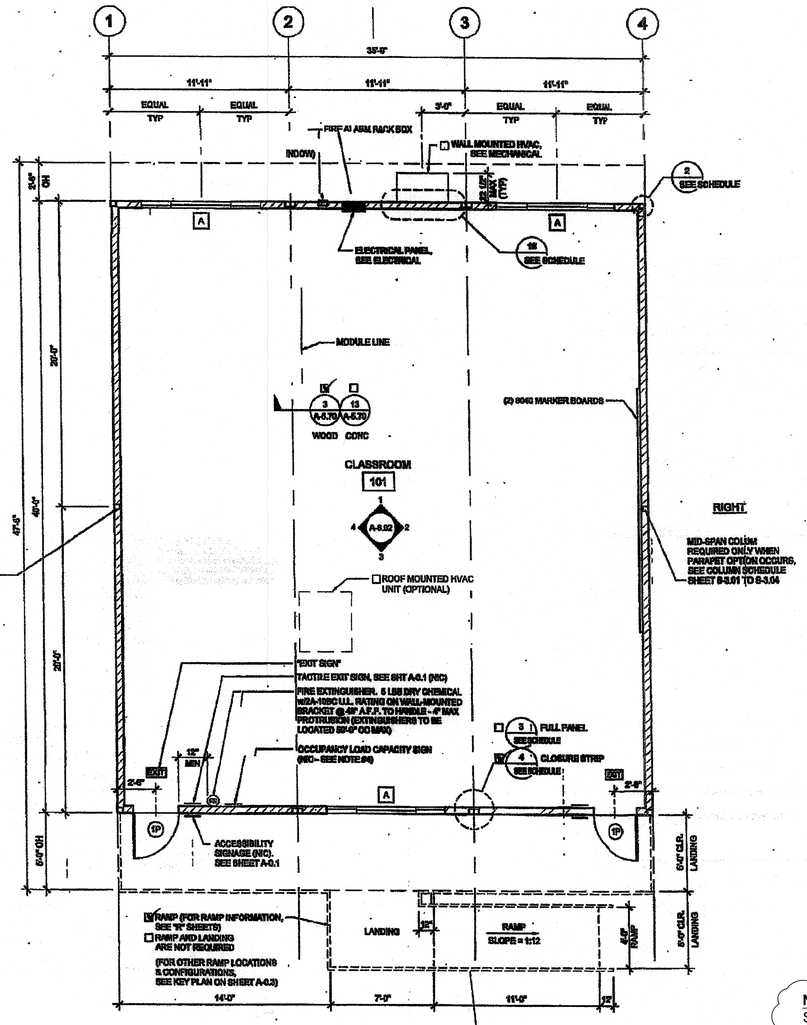
PROJECT NO:	STKP-122 8-28-2014
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER
A-0-7

SCANNED

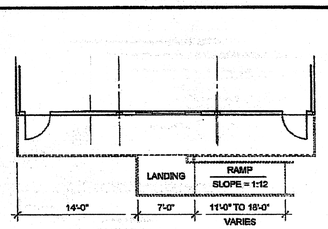
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

REAR



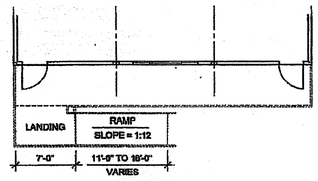
FRONT

NOTE:
SEE CCD-1 / CCD-2 FOR SITE SPECIFIC CONFIGURATION



RAMP & LANDING SETUP "A"
(MAY BE MIRRORED DEPENDING ON SITE REQUIREMENTS)

Option 1



RAMP & LANDING SETUP "B"
(MAY BE MIRRORED DEPENDING ON SITE REQUIREMENTS)

Option 2

RAMP & LANDING SETUPS SCALE: 1/8" = 1'-0" | 2

FLOOR PLAN SCALE: 1/4" = 1'-0" | 1

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE.
   (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, AND Kzt = 1.0 2010 CBC
2. VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 803.7.
3. LOCATIONS OF DOORS AND WINDOWS MAY VARY PER JOB. (IF THE NUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SHALL BE SUBMITTED TO DSA)
4. POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CBC 1004.3 (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
5. IF BUILDING IS TO BE RELOCATED, SEE RELOCATION DETAILS ON SHEET REL-101 AND REL-102

A. SINK / CABINET OPTION LOCATION@ END OF WALL OR SIDE WALL T.B.D.

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.61
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.63
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

WALL LEGEND

- NOMINAL 4" WALL STUD ☐
- NOMINAL 6" WALL STUD ☑
- NOMINAL 8" WALL STUD ☐

NOTE:
IF PARAPET IS USED & HIGHER THAN 18", END WALLS MUST BE 2x6 @ 24" O.C.

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-3393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING
CLASSROOM BLDG'S

SHEET TITLE:

FLOOR PLAN
36' x 40'

STAVARES ENGINEERING

12/22/2011

ARCHITECT OF RECORD SUBMISSION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113849
AC FLS SS
DATE AUG 28 2014

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113636
AC FLS SS
DATE APR 04 2014

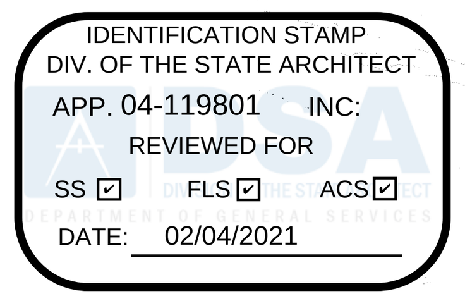
ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-112072
AC FLS
DATE DEC 09 2013

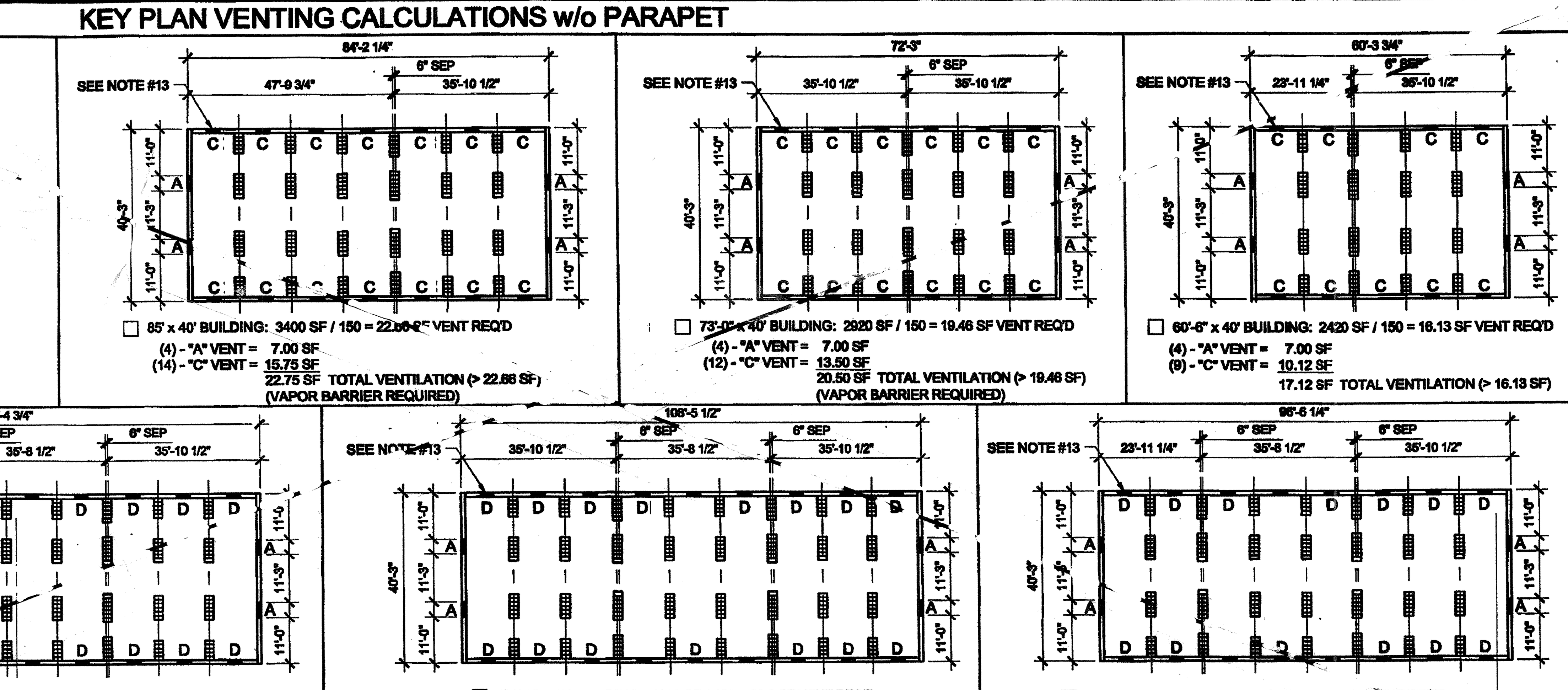
REVISIONS

UNIT B	SILVER CREEK INDUSTRIES 24' x 40' PC
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11
P.C. SHEET NUMBER	STKP-122

A-1.02-7



KEY PLAN VENTING CALCULATIONS w/o PARAPET



85' x 40' BUILDING: 3400 SF / 150 = 22.66 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(14) - "C" VENT = 15.75 SF
22.75 SF TOTAL VENTILATION (> 22.66 SF)
(VAPOR BARRIER REQUIRED)

73'-0" x 40' BUILDING: 2920 SF / 150 = 19.46 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(12) - "C" VENT = 13.50 SF
20.50 SF TOTAL VENTILATION (> 19.46 SF)
(VAPOR BARRIER REQUIRED)

60'-6" x 40' BUILDING: 2420 SF / 150 = 16.13 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(9) - "C" VENT = 10.12 SF
17.12 SF TOTAL VENTILATION (> 16.13 SF)

122'-0" x 40' BUILDING: 4880 SF / 150 = 32.53 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(18) - "D" VENT = 27.00 SF
34.00 SF TOTAL VENTILATION (> 32.53 SF)
(VAPOR BARRIER REQUIRED)

109'-6" x 40' BUILDING: 4380 SF / 150 = 29.2 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(15) - "D" VENT = 22.50 SF
29.50 SF TOTAL VENTILATION (> 29.2 SF)
(VAPOR BARRIER REQUIRED)

97'-6" x 40' BUILDING: 3900 SF / 150 = 26 SF VENT REQ'D
(4) - "A" VENT = 7.00 SF
(13) - "B" VENT = 19.50 SF
26.50 SF TOTAL VENTILATION (> 26 SF)
(VAPOR BARRIER REQUIRED)

WOOD FOUNDATION PLATE SCHEDULE

50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL: SEPARATE BLDGS	SEPARATION PAD AT ENDWALL: ONE BLDG	SEPARATION PAD AT INTERIOR: SEPARATE BLDGS	SEPARATION PAD AT INTERIOR: ONE BLDG
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x4	2x12	(2) ROWS OF 2x4	2x12
TOP	2x8	2x6	2x8	2x8	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x6	2x12
BLOCK	2x8	2x8	2x10	2x10	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x8	2x12
SILL	2x12 (2x14)[15]	2x12 (2x14)[15]	(6) 2x12 x 2'-0"	(6) 2x12 x 2'-0"	(2) ROWS OF 2x14	(9) 2x12 x 2'-0"	(2) ROWS OF 2x14	(8) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 3'-6" x 6" = 1.75 S.F. VENTILATION
"VENT OPENING AT SILL AND BLOCK PLATES"

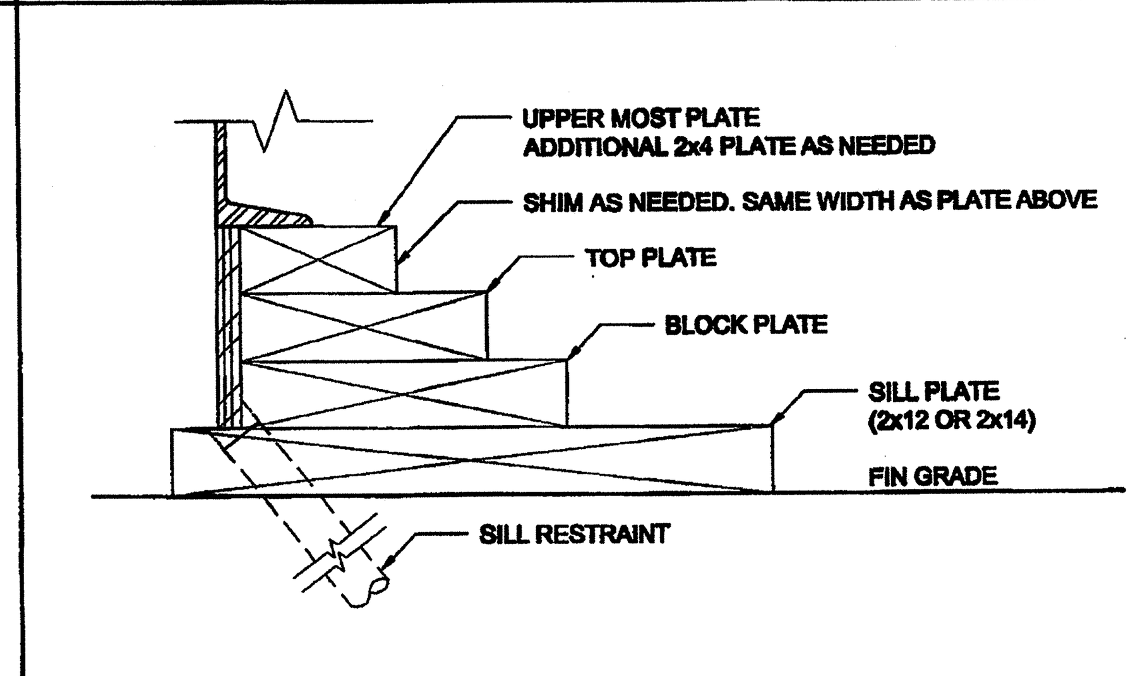
VENT "B" (ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

VENT "C" (ENDWALL): 3'-0" x 4 1/2" = 1.125 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

VENT "D" (ENDWALL): 3'-0" x 6" = 1.5 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

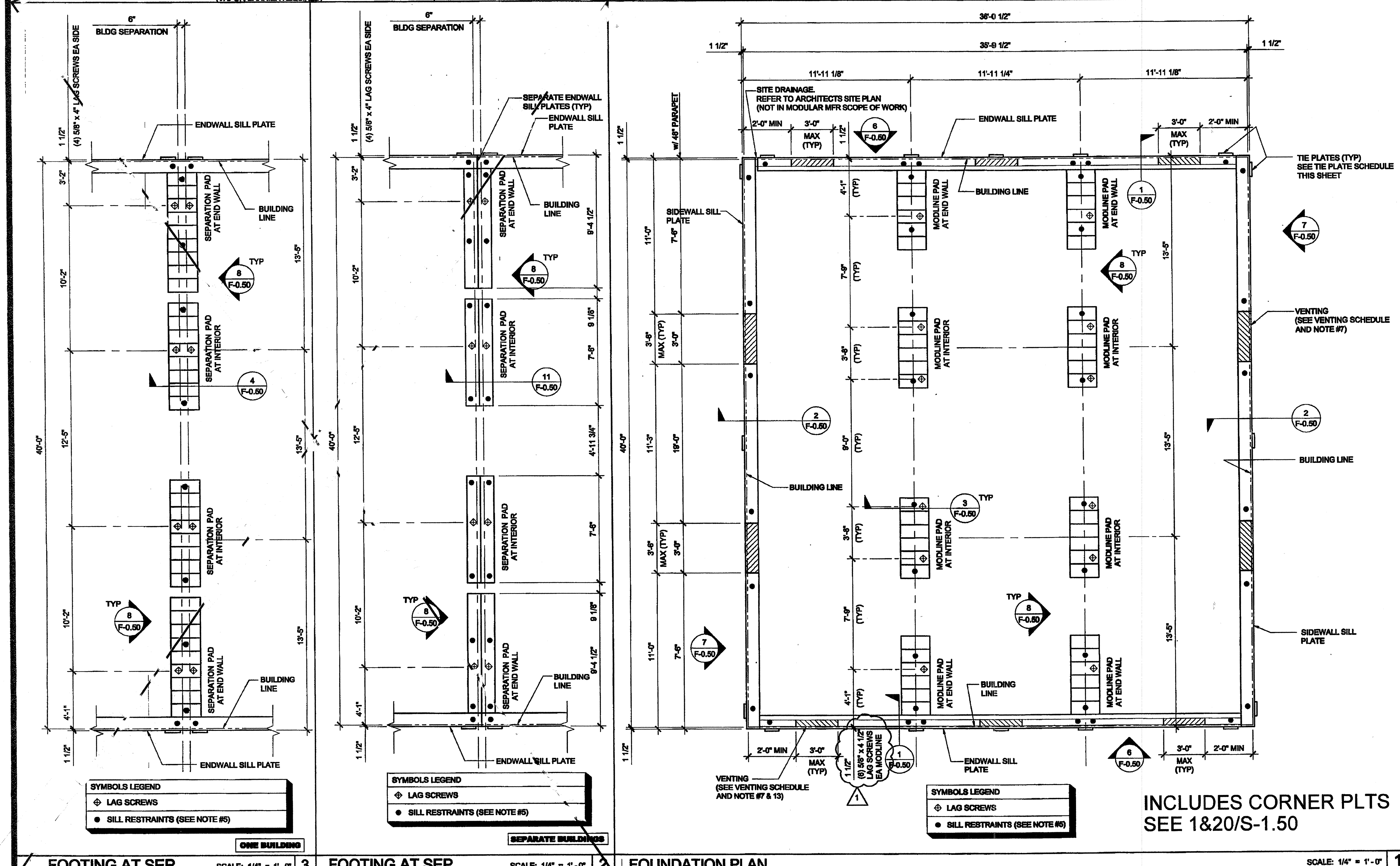
NOTE:
@ BUILDINGS WITH PARAPETS UP TO 48" HIGH, SIDE WALL VENTS CHANGE FROM 3'-6" TO 3'-0", SEE VENTING SCHEDULE

FOUNDATION PLATE DESCRIPTION



NOTES

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 5.
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F0.50.
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/F-0.50
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
MATERIALS:
GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
INSTALLATION RECOMMENDATIONS:
OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. HIGHER THAN 18" PARAPET COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTIONS
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.



INCLUDES CORNER PLTS
SEE 1&20/S-1.50

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
36' x 40'	7" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

	BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
W/O PARAPET	36' x 40'	1440 SF	9.6 SF (1/150)	3'-6" x 6" = (4) 1.75 SF/EA (7 SF TOTAL)	3'-0" x 3" = (3) 0.75 SF/EA (3 SF TOTAL)	10 SF SEE NOTE #8
W/ PARAPET	36' x 40'	1440 SF	9.6 SF (1/150)	3'-0" x 6" = (4) 1.5 SF/EA (6 SF TOTAL)	3'-0" x 3" = (6) 0.75 SF/EA (4.5 SF TOTAL)	10.5 SF SEE NOTE #8

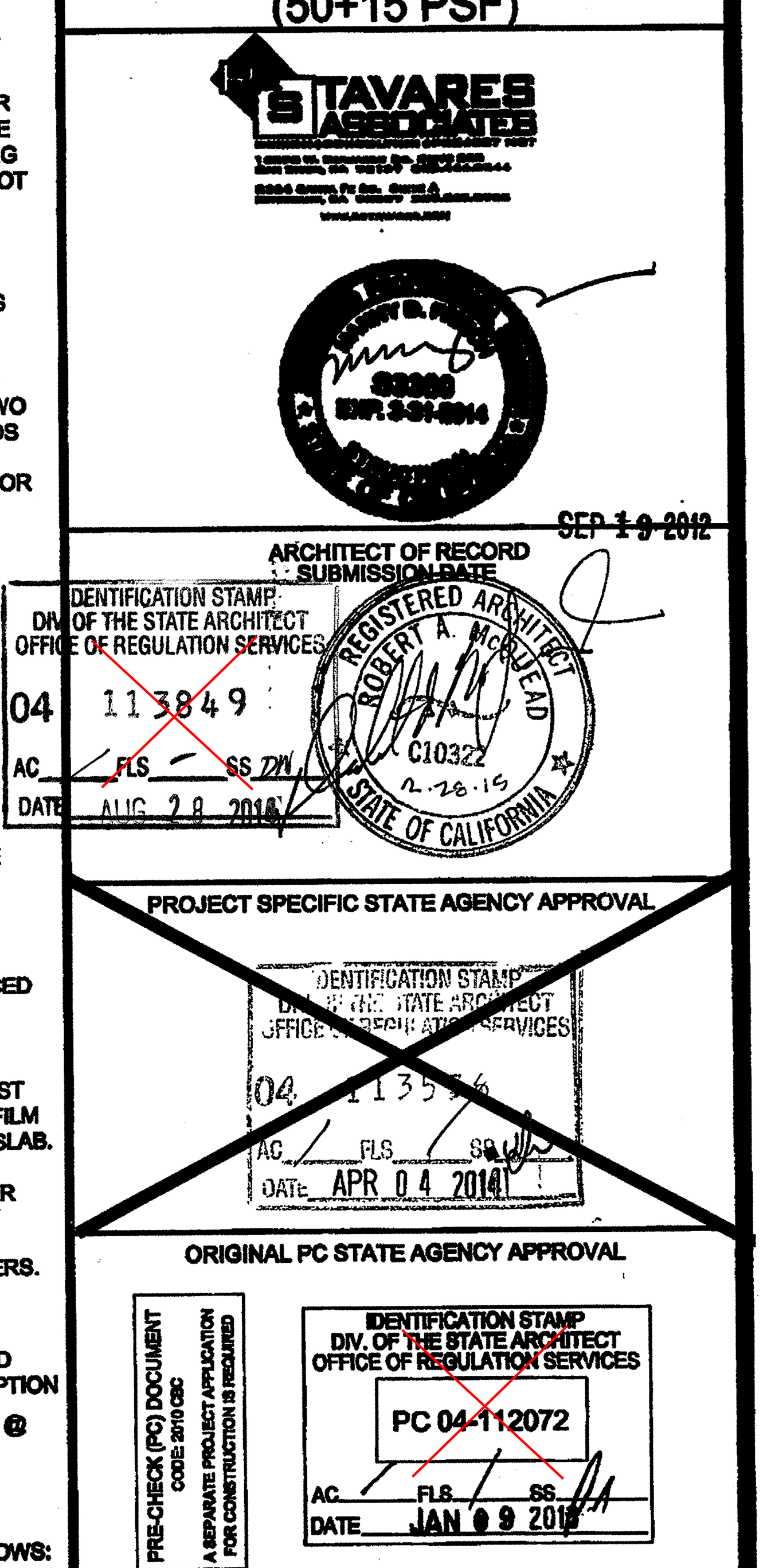
TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
36' x 40'	3	5	16

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:
WOOD FOUNDATION PLAN
36x40
(50+15 PSF)



REVISIONS
1. PC REVISION 09/14/2012
2.
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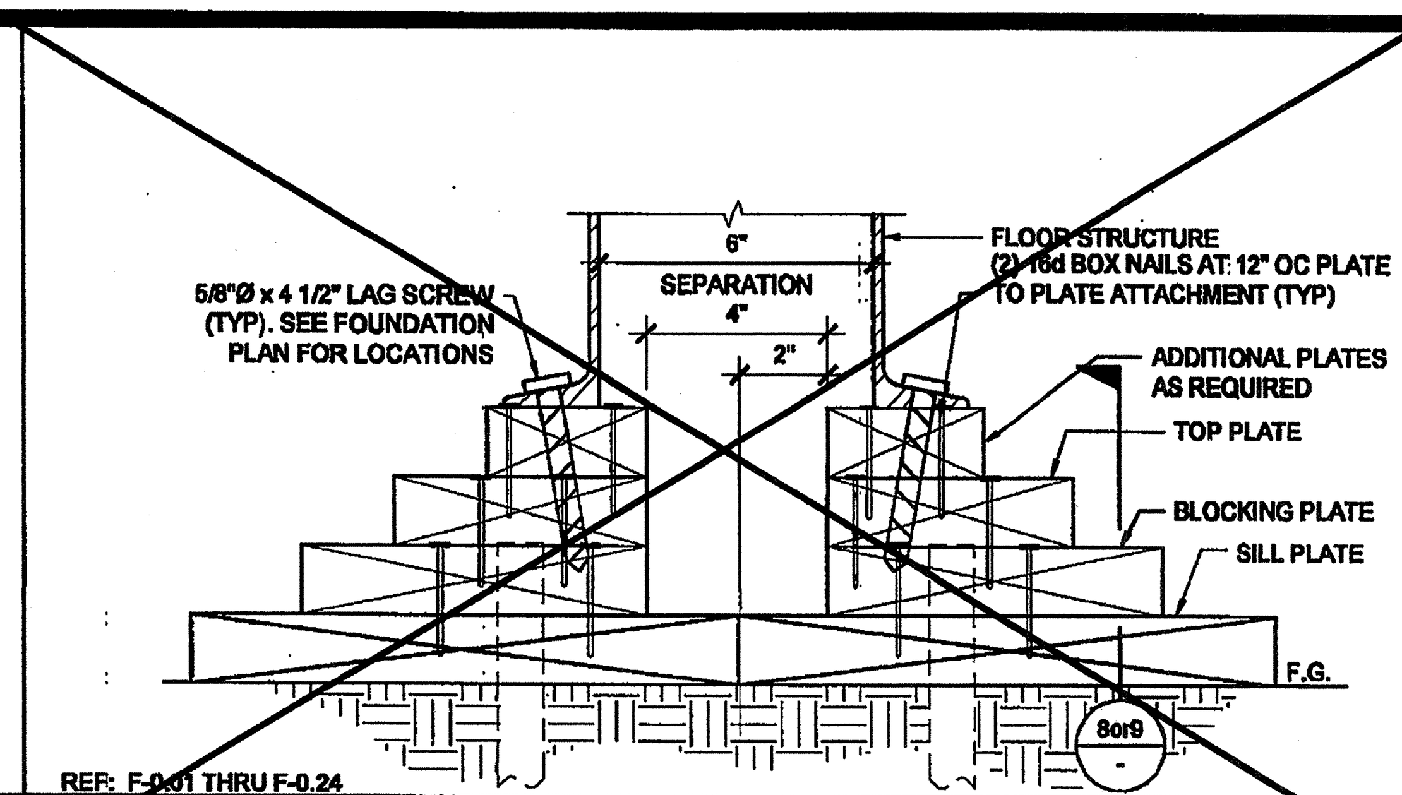
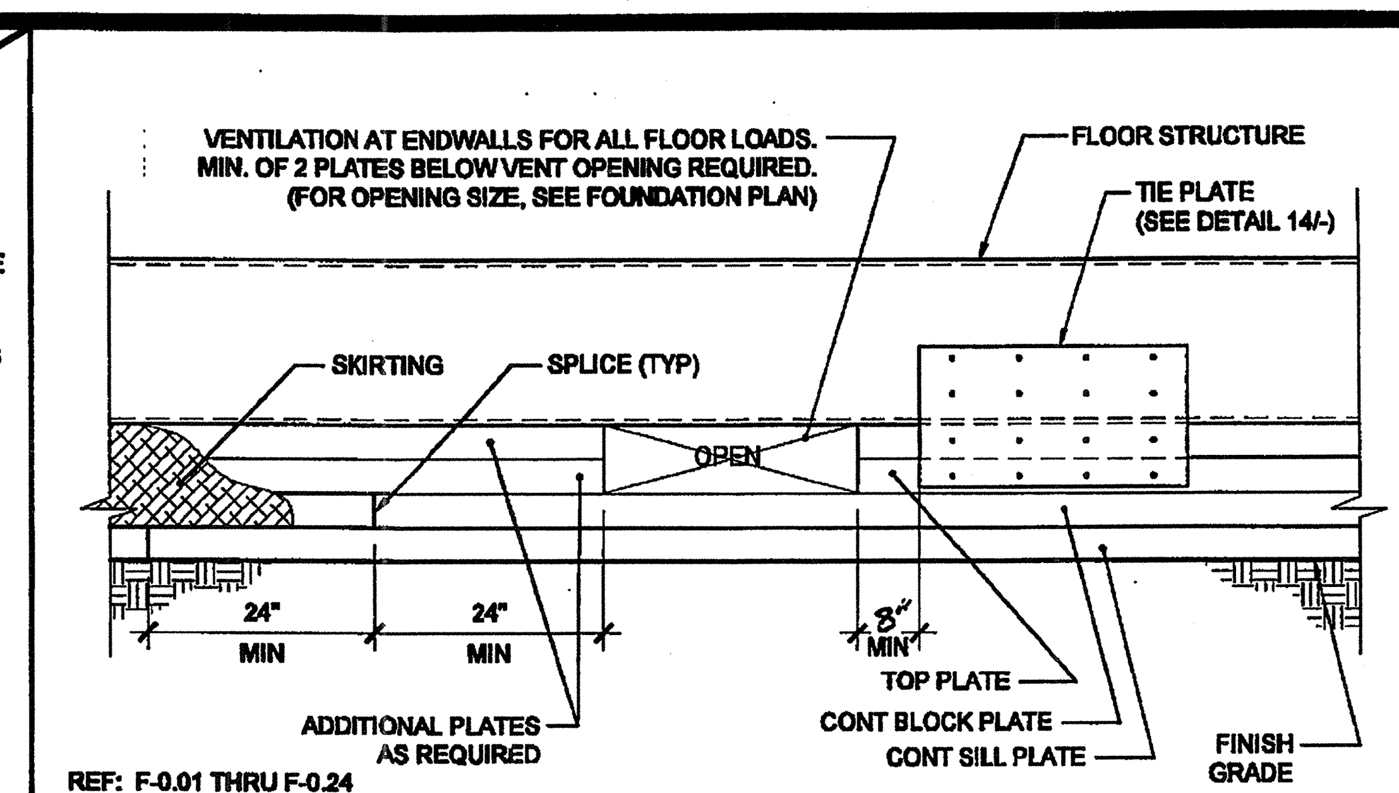
SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12-23-11

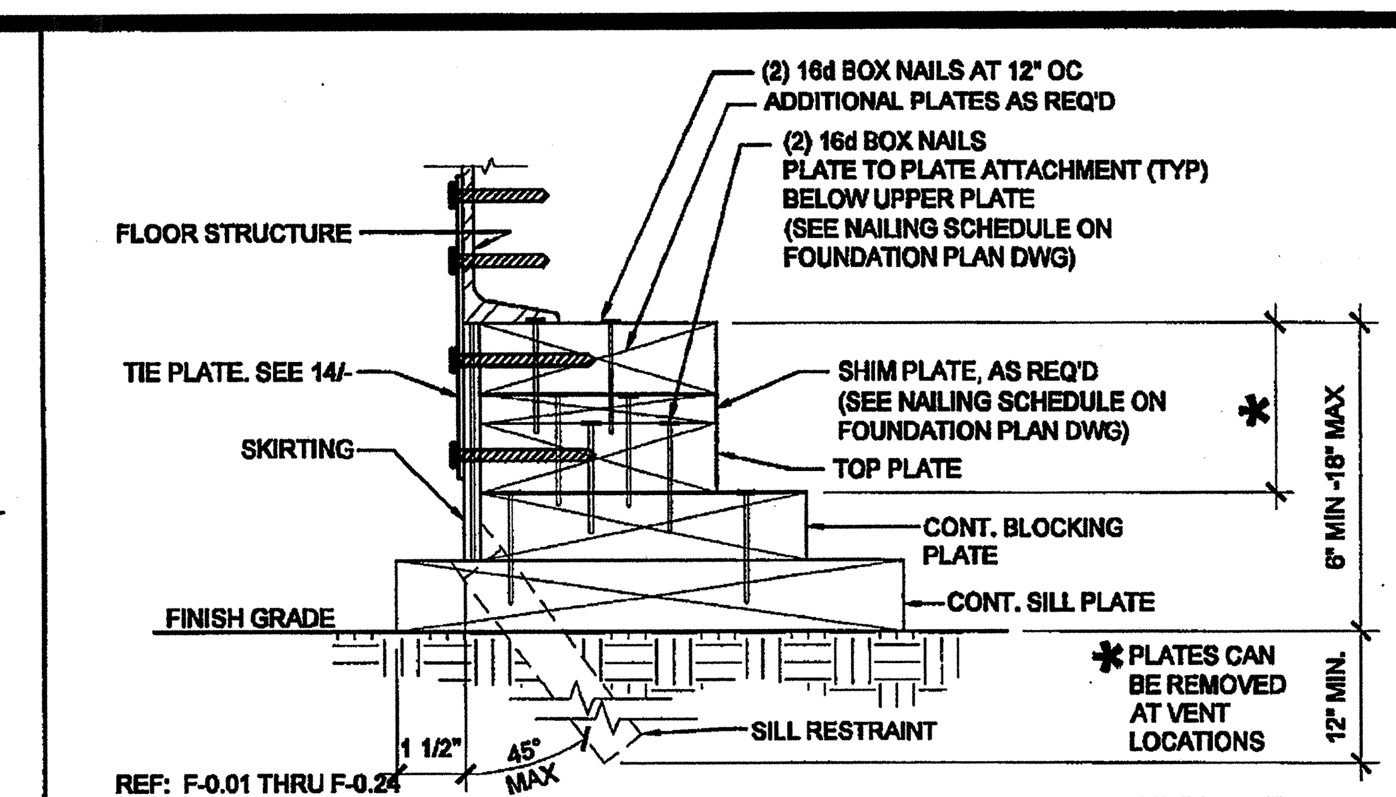
P.C. SHEET NUMBER
F-0.12-7
STKP- 122



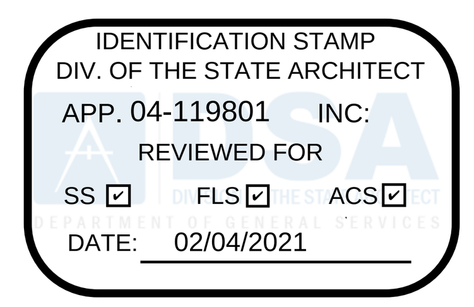
16 | FOUNDATION AT ADJACENT BUILDING | SCALE : 3"=1'-0" | 11



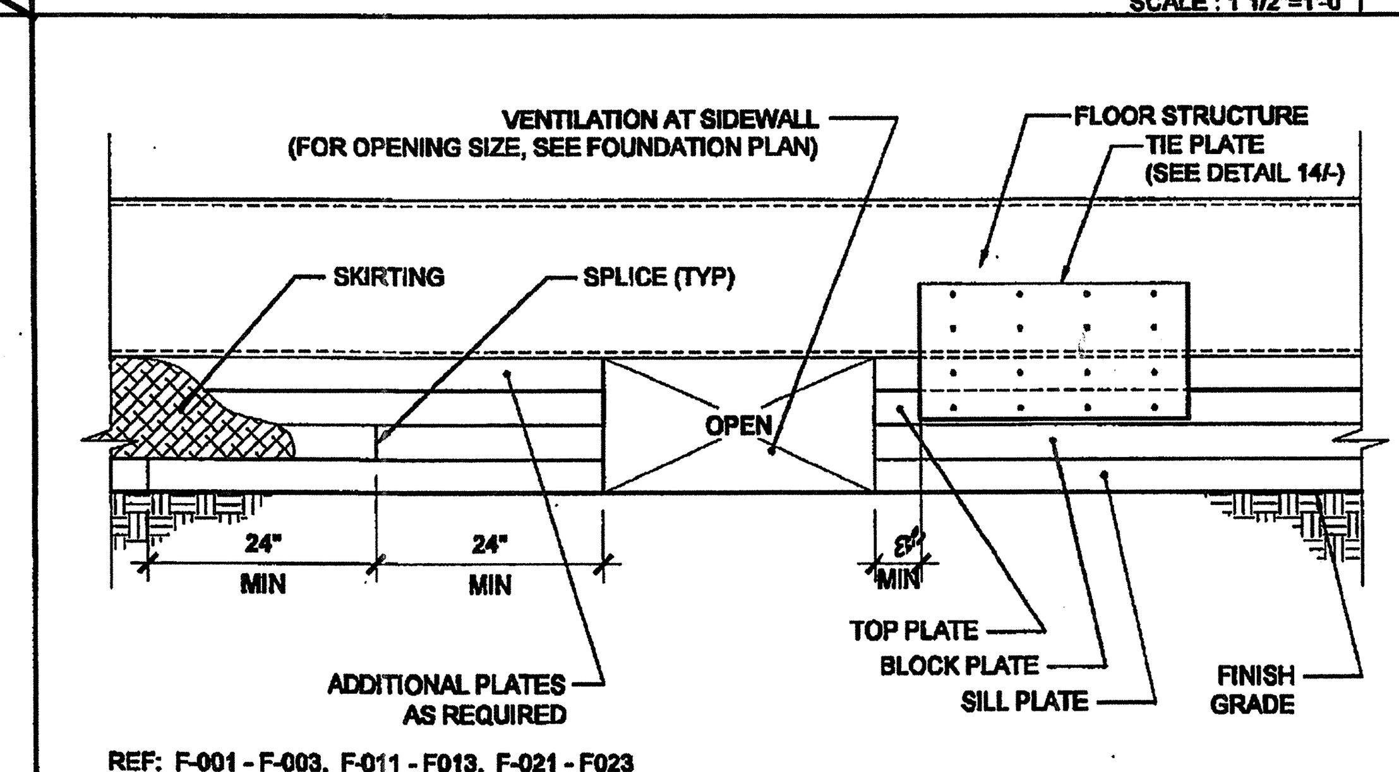
FOUNDATION ASSEMBLY END WALL ELEVATION | SCALE : 1 1/2"=1'-0" | 6



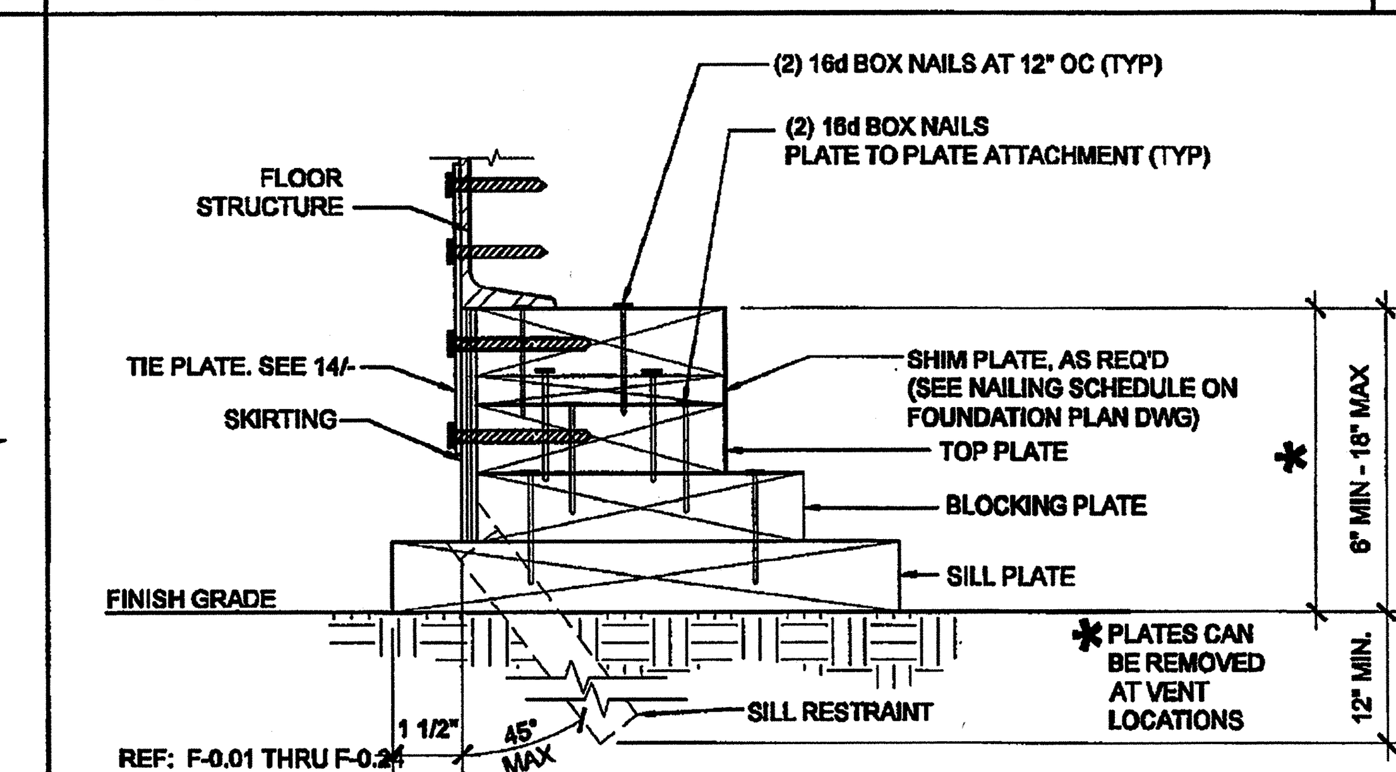
FOUNDATION AT END WALL | SCALE : 3"=1'-0" | 1



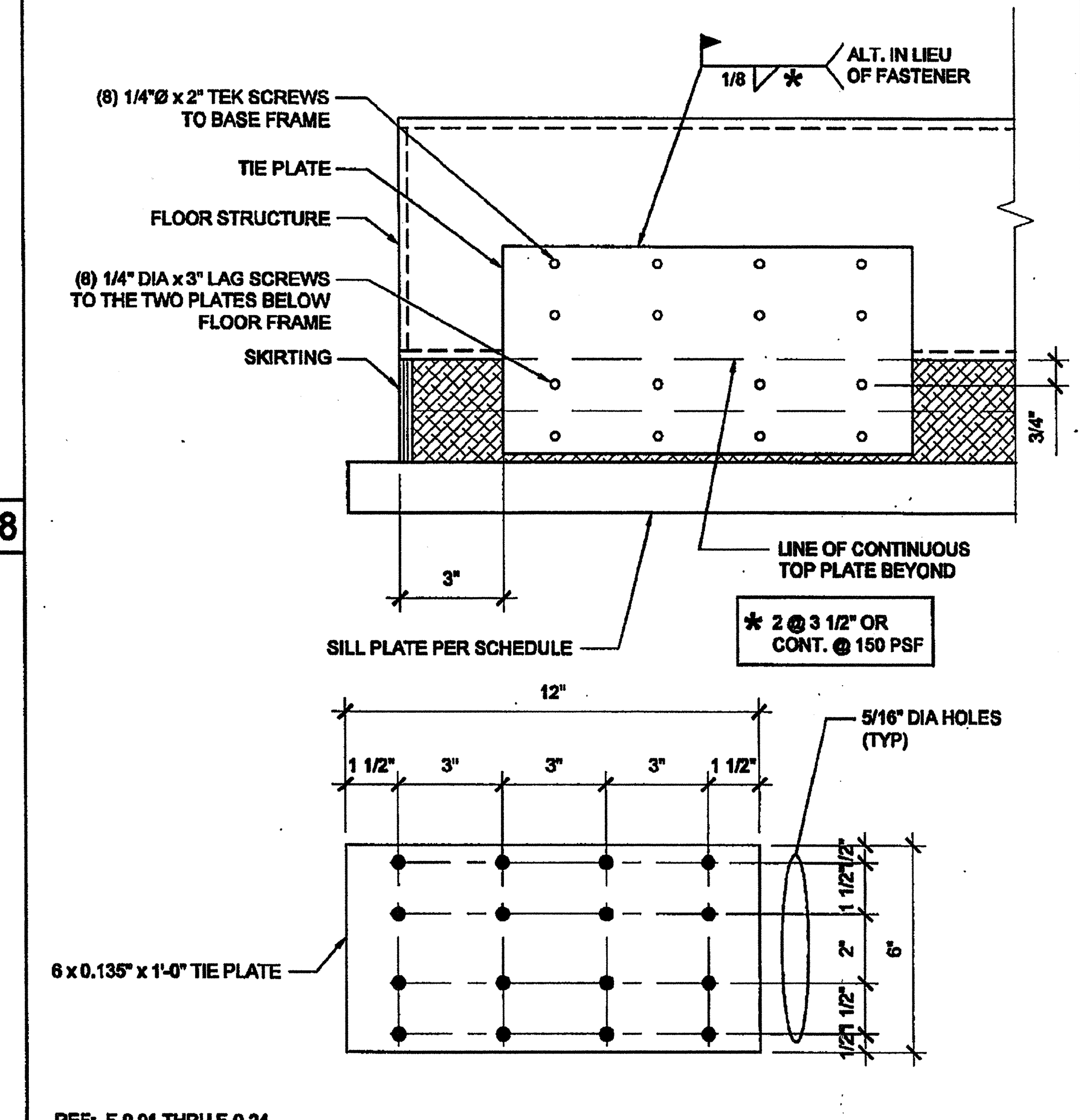
17 | NOT USED | 12



FOUNDATION ASSEMBLY SIDEWALL ELEVATION | SCALE : 1 1/2"=1'-0" | 7

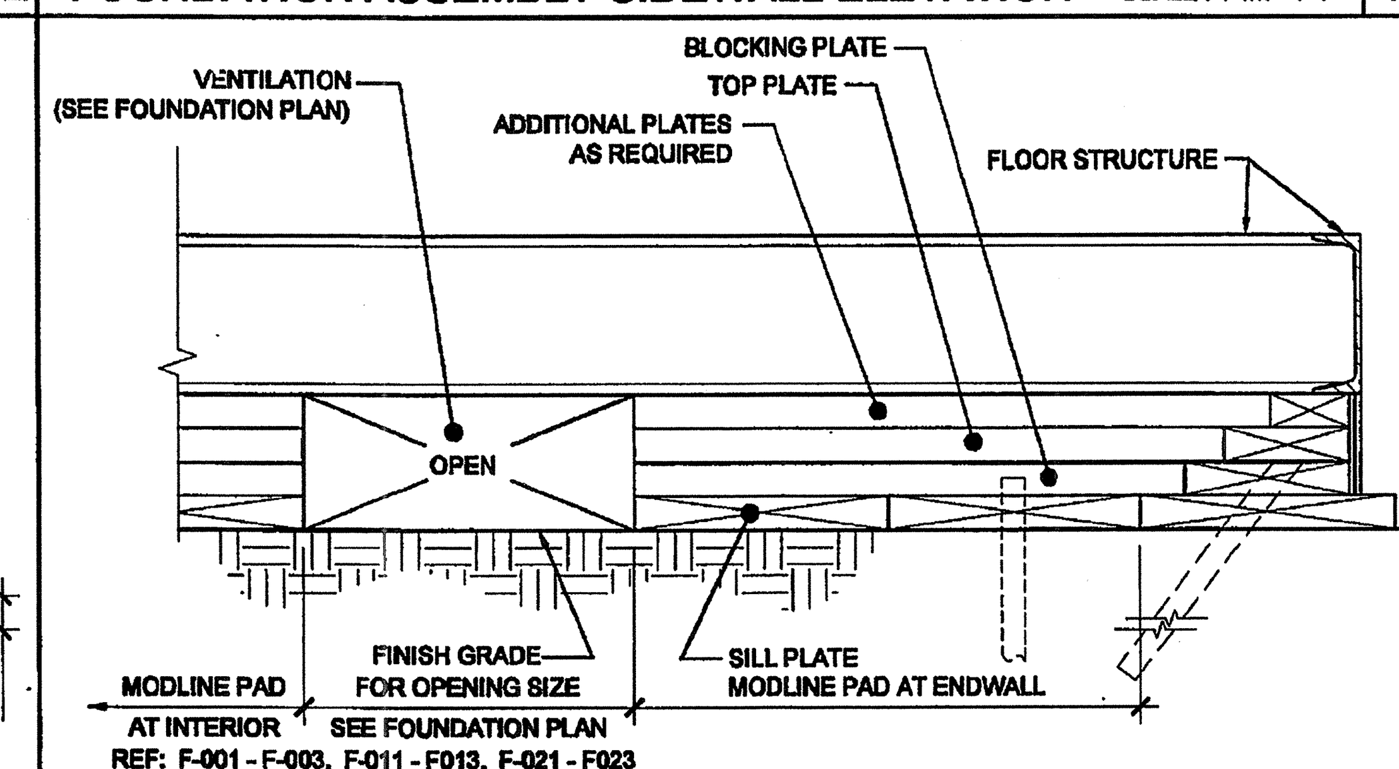


FOUNDATION AT SIDE WALL | SCALE : 3"=1'-0" | 2

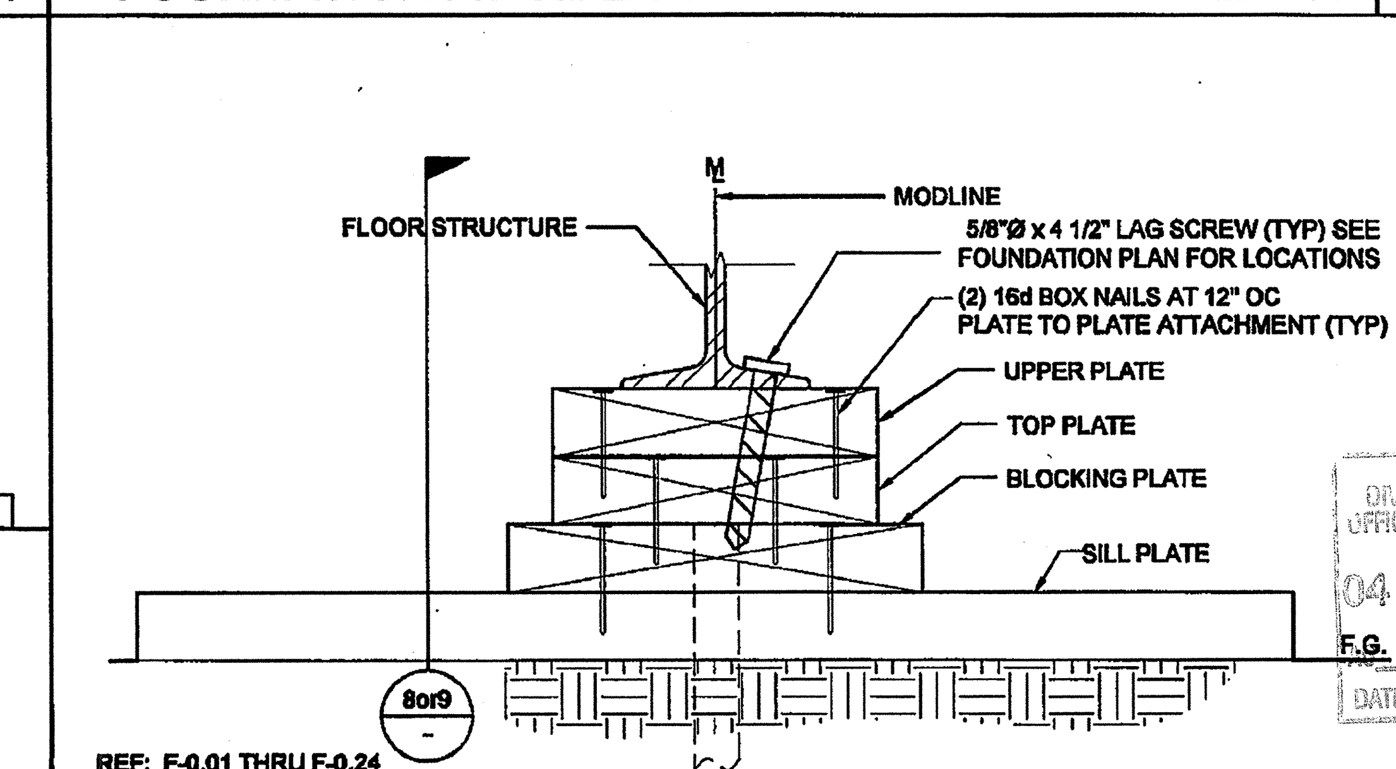


18

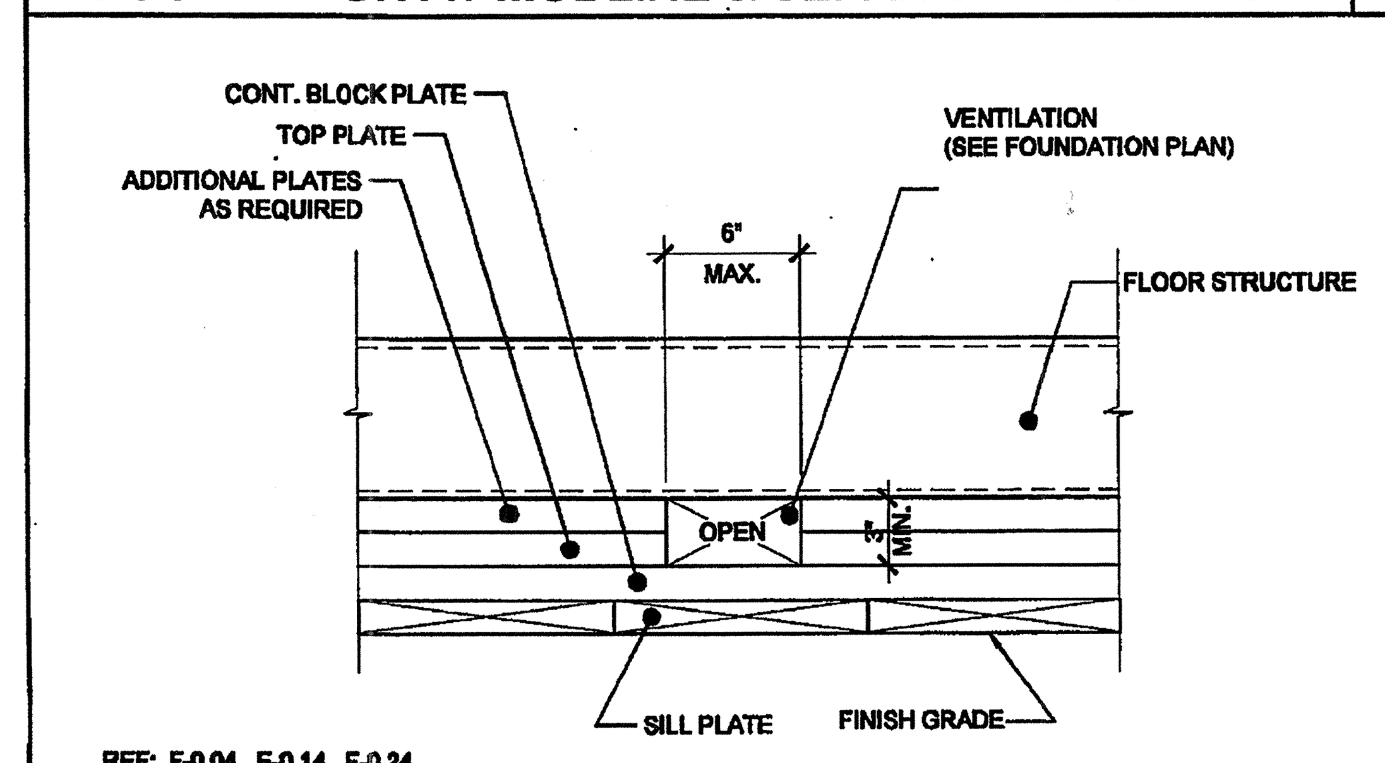
19 | TIE PLATE | SCALE : 3"=1'-0" | 14



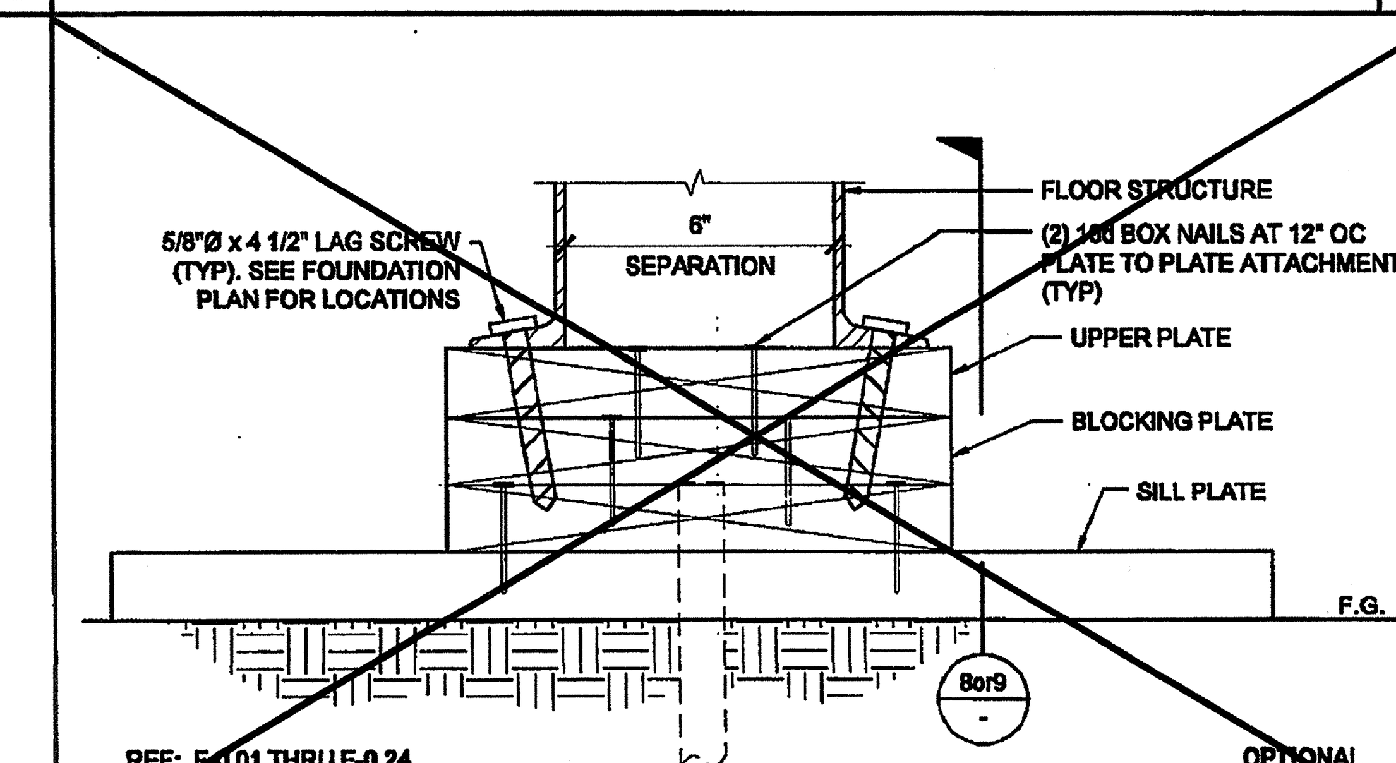
FOUNDATION AT MODLINE & SEPARATION | SCALE : 1 1/2"=1'-0" | 8



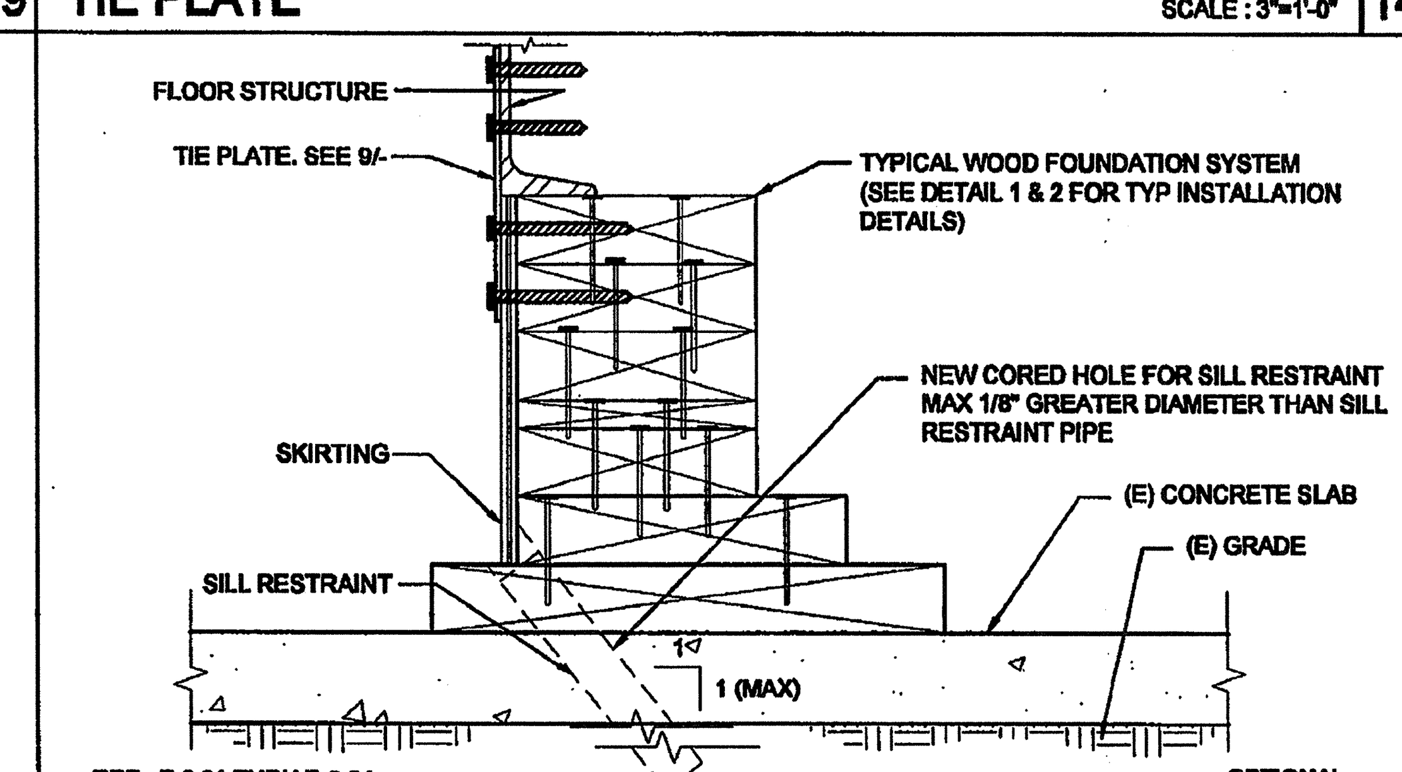
FOUNDATION AT MODLINE | SCALE : 3"=1'-0" | 3



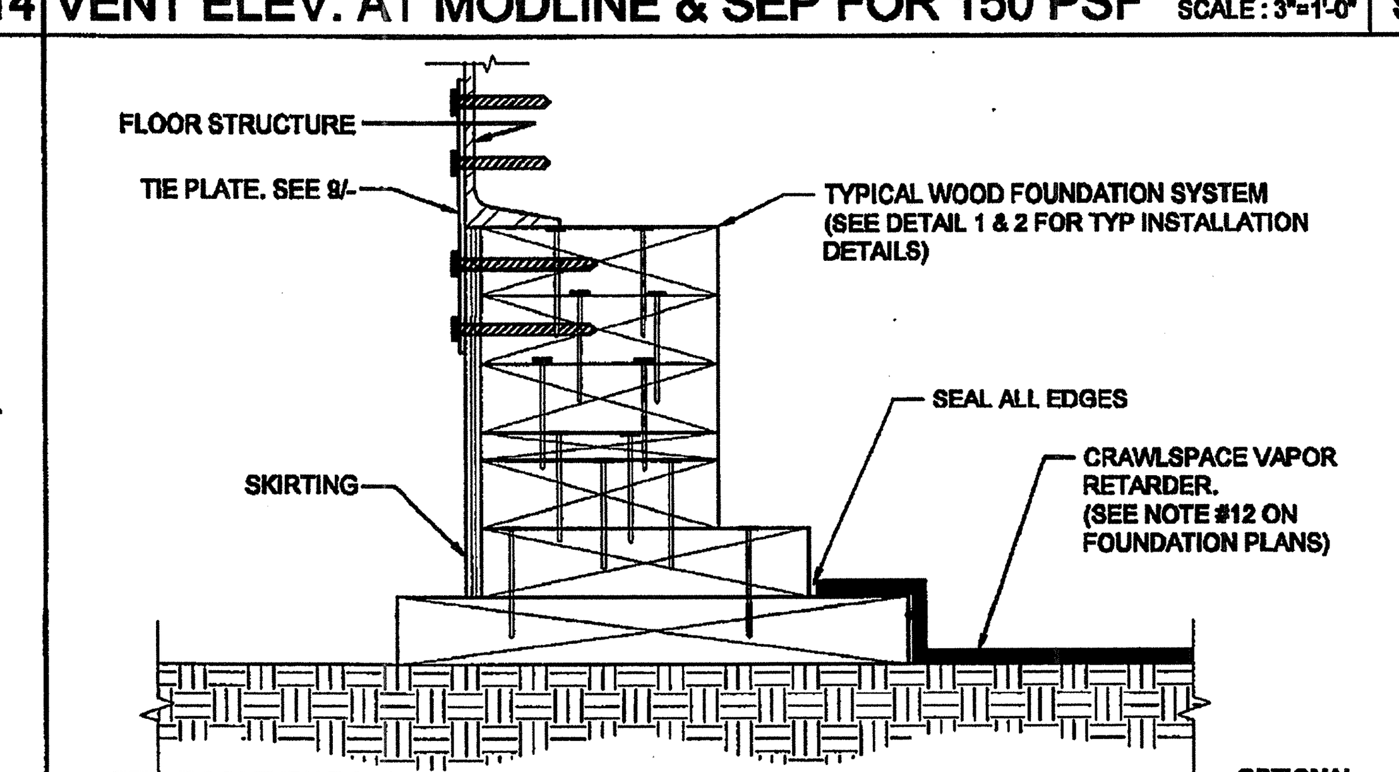
VENT ELEV. AT MODLINE & SEP FOR 150 PSF | SCALE : 3"=1'-0" | 9



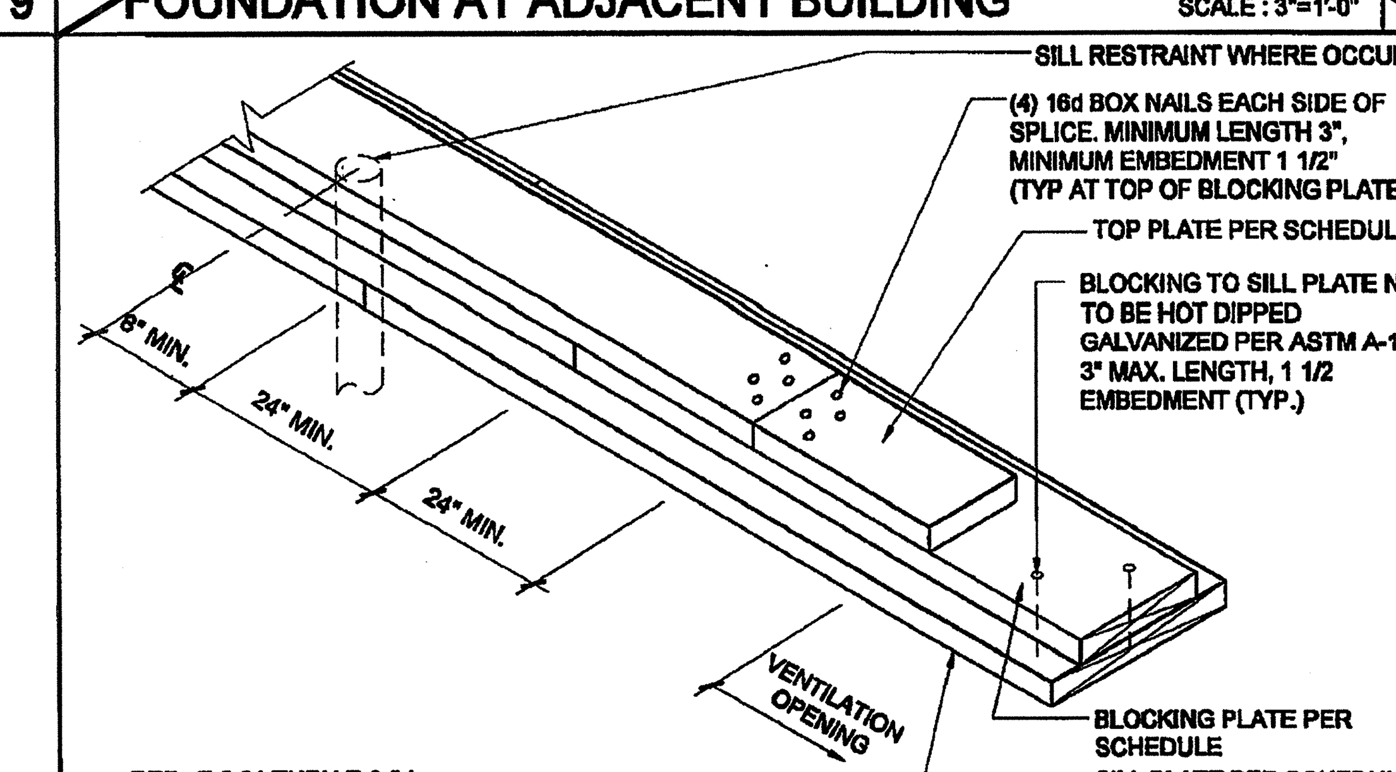
FOUNDATION AT ADJACENT BUILDING | SCALE : 3"=1'-0" | 4



20 | FOUNDATION ANCHORAGE AT CONCRETE PAD | SCALE : 3"=1'-0" | 15



CRAWLSPACE VAPOR RETARDER | SCALE : 3"=1'-0" | 10



FOUNDATION SPLICE | SCALE : NTS | 5

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:

FOUNDATION DETAILS WOOD

TAVARES ASSOCIATES

12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE
C10322
2-26-16

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 1 5 8 4 9
AUG 2 8 2014

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-112072
DEC 2 9 2011

REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC	
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11
P.C. SHEET NUMBER	STKP-103

F-0.50-7

FOR REFERENCE

CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SPECIFICATIONS
RELOCATABLE CLASSROOMS

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.

2. Workmanship:
   a) FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.

   b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.

   c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.

   d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

1. Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2

2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels- minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.

3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS.
   Bolt holes shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.

4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS

5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.

6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
   Screws shall be steel with cut threads and bending yield strengths per Table 11L in NDS.

7. Wood members shall be cut or notched only as shown on structural drawings.

8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.

9. Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)

10. Nail equivalence:
    (provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

    6d equals .113" DIA. - provide 1.36" minimum point penetration
    8d equals .131" DIA. - provide *1.57" minimum point penetration

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard WB Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated.

12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.

13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.

14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.

15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.

16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).

17. Used lumber in good condition is acceptable for use in foundation system.

18. Tie plates shall conform to A-1011 Grade 33.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the **LESSEE** (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a **1000 PSF MINIMUM SOIL BEARING PRESSURE.**

Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.

2. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

   The example form DSA 103's shown on this sheet are for illustration purposes only.
   A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be crossed out on this drawing.

3. No other tests and inspections are required.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.

2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.

2. All requirements of **CCR** (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:

   a) General responsible charge of Field Administration by the Architect of Record.

   b) Inspection during the course of construction by an Inspector approved by **DSA** (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.

   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.

   d) Other special tests or inspections as may be required by DSA.
   Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.

3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:
The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

   The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.

2. Assembly of Elements:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.

   b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.

   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

DSA — DEPARTMENT OF GENERAL SERVICES

DSA-103 rev 03/2013
Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised: | Revised:

School Name: SAMPLE: FOR WELD PLATE OPTION ONLY | District:

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.
NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE*	PERFORMED BY**	CODE REFERENCE AND NOTES
+	SOILS			
+	CONCRETE			Table 1705A.3
+	MASONRY			TMS 402-13/ACI 530-13/ASCE 6-13 Table 1.19.3
-	STEEL			Table 1705A.3.4
-	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	a. Verify that all materials are appropriately marked and that: - Mill certificates indicate material properties that comply with requirements, - Material sizes, types and grades comply with requirements.	Periodic	*	* By special inspector when performed off-site; by project inspector for steel shipped directly to project site without welding or fabrication.
X	b. Test undocumented materials	Test	Lab	2303A.1 (2203.1*), ASTM A370.
	Inspection:			
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
-	19. WELDING:			DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of conformance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
-	19.2 FIELD WELDING:			
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	[1] SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
+	WOOD			
+	OTHER			

1. Field Welding Inspection: Special Inspection Verified Report - Form DSA-292

KEY to Columns

1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	SI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	Lab – Indicates that the test or inspection is to be performed by a testing laboratory excepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test – Indicates that a test is required	PI – Indicates that the special inspection is to be performed by the project inspector
	SI – Indicates that the special inspection is to be performed by a special inspector

APPLICABLE BUILDING CODES
ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC

2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014*
-2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR
(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*

-2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR
(2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR

TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED =120 MPH (V) (3 SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

SEISMIC DESIGN DATA: — **MOMENT FRAME PC'S**
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear : 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.411 R: = 3.5 SITE CLASS = D
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.3 per CBC Figure 1613A.5(2) Sd1 = 1.3
RISK CATEGORY = II

SEISMIC DESIGN DATA: — **SHEAR WALL PC'S**
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I: = 1.0 Cs = 0.222 R: = 6.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
S1 = 1.3 per CBC Figure 1613A.5(2) Sd1 = 1.3
RISK CATEGORY = II

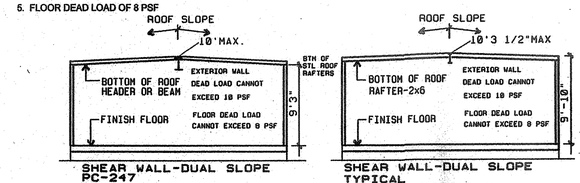
FLOOD DESIGN DATA: Project is not located in a flood zone.

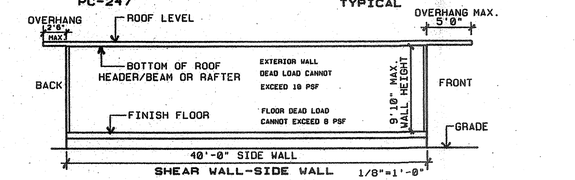
LIMITATIONS FOUNDATION PC ONLY:

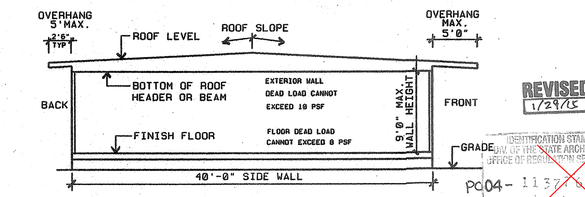
FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

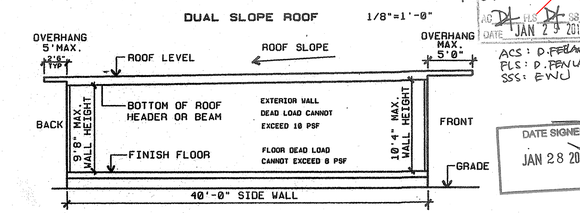
THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF









TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

REVISED 1/29/15

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC04- 113776
AC DL FLS SS
DATE JAN 29 2015
ACS: D.PERKINSON
PLS: D.PERKINSON
SSS: E.WU

DATE SIGNED JAN 28 2015

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
DATE: OCT 08 2014
ACS: D.PERKINSON
PLS: D.PERKINSON
SS: P.KOONS

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION– 2013 CODE UPDATE

SHEET INDEX:
BELOW GRADE CONCRETE FOUNDATION DESIGNED FOR MODTECH BUILDINGS ONLY

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH
STKP 02	52812	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 01	52513	48760-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 05	52815	45400-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 04	52816	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 22	55113	PC 80	10-05-1990	24 x 40	50#	MODTECH
STKP 24	55580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	56032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 27	65493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66316	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67335	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-02-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# /**50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65985	PC 266	05-24-1998	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	06-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	05-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	36 x 40	70#	MODTECH
STKP 32	66319	PC 266	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 266	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-105419	PC 104801	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	08-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113588	A-58118	05-01-2014	36 x 40	50+20#	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113419	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113544	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS		BY
1	JAN 2015 ADD STKP 130/#131 & FOUNTAIN EXPAND. NOTE & SHEET C1.0	CLS

CLASS LEASING LLC

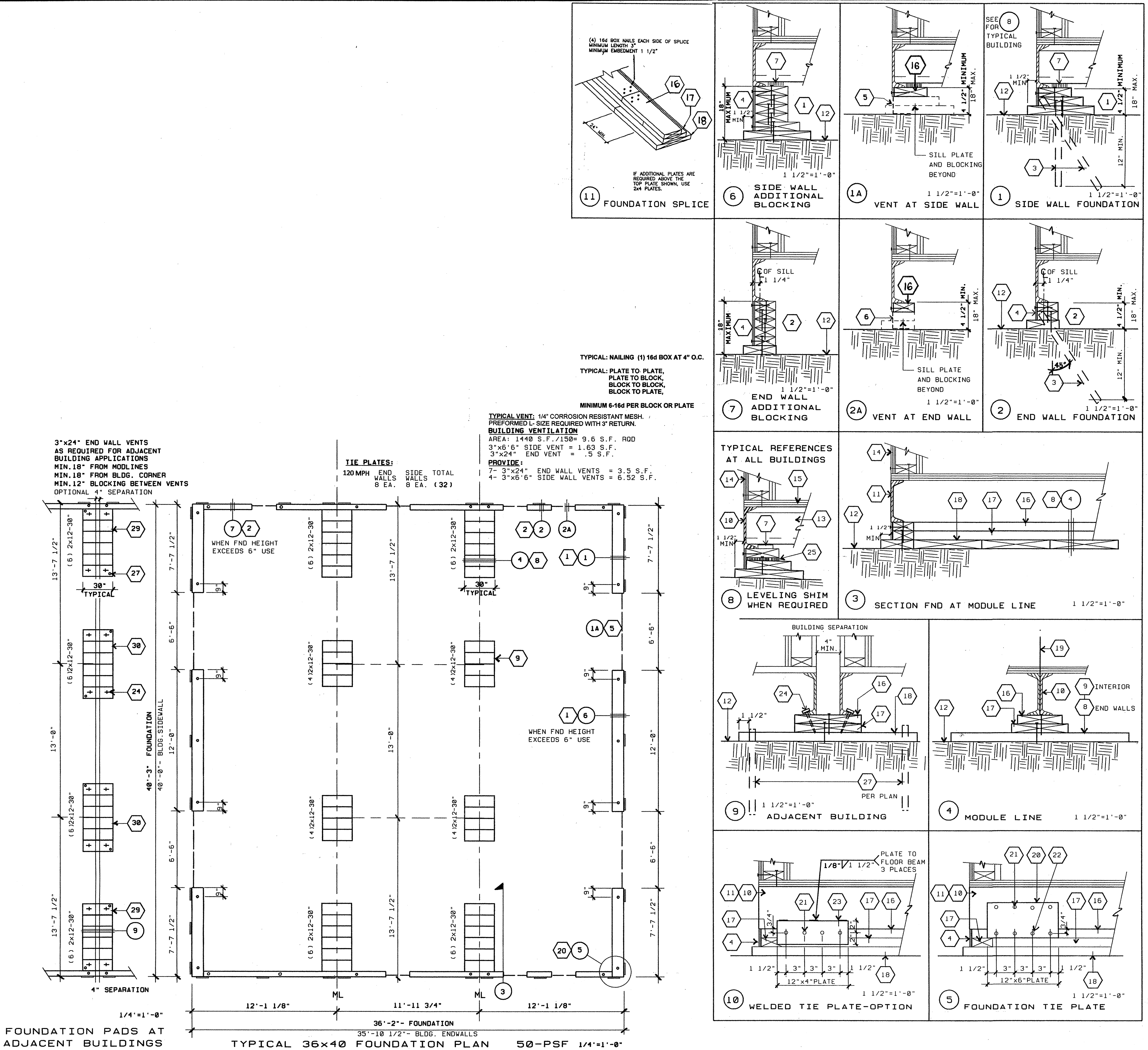
Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, LLC. PC
FOUNDATION PLANS AND DETAILS
STOCKPILE CLASSROOMS RELOCATION

DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	
SHEET	F1.0 of 7

DATAPRINT CORP. 700 SO. CLAREMONT ST. SAN MATEO, CA 94402

STOCKDRAFTING FORM NO. 101-04



KEY NOTES 36x40- 50 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (4) 2x12x30" (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x10 GA

21 PLATE ANCHOR: 4 -1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4 -1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4"x 10 GA

24 BUILDING ANCHORAGE: 8- 5/8"x4" LAGS SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6)-10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A **WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED SEP 30 2014
REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3302 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
OCT 08 2014
DATE:

36x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS	BY

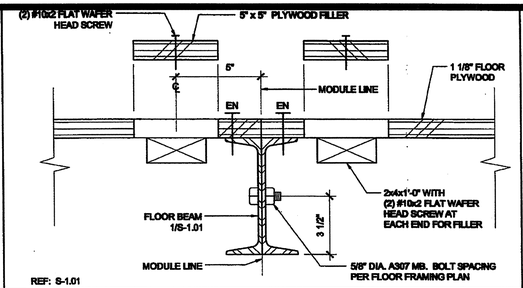
CLASS LEASING LLC

Class Leasing, LLC
1221 Hadley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
36x40 - 50 PSF RELOCATION
FOUNDATION PLAN & DETAILS

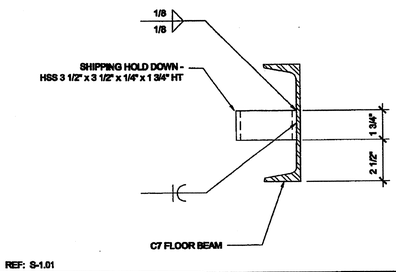
DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	36x40 50 PSF
SHEET	F3.0-7

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



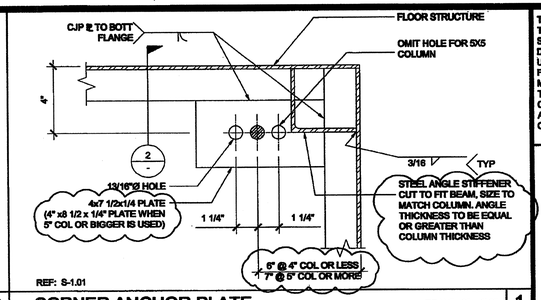
REF: S-1.01

16 MODULE LINE - BOLTED CONNECTION SCALE : 3" = 1'-0"



REF: S-1.01

11 SHIPPING HOLD DOWN DETAIL SCALE : 3"=1'-0"



REF: S-1.01

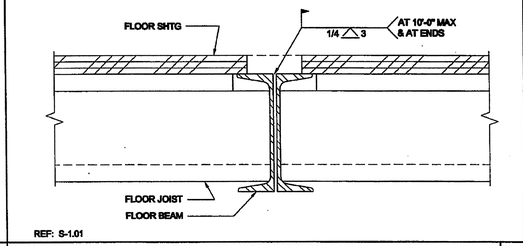
6 CORNER ANCHOR PLATE SCALE : 3" = 1'-0"

1

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

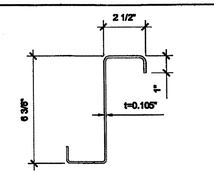
PROJECT NAME:
CLASS LEASING
CLASSROOM BLDG'S

SHEET TITLE:
FLOOR FRAMING DETAILS
WOOD FLOOR



REF: S-1.01

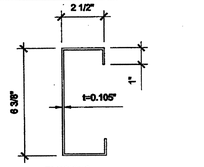
17 MODULE LINE CONNECTION (OPTION 1) SCALE : 3"=1'-0"



REF: S-1.01

ASTM A-1011, GRADE 33

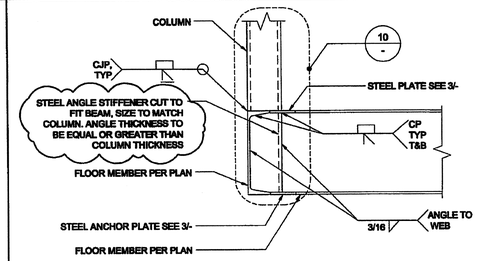
12 FLOOR JOIST SCALE : 3" = 1'-0"



REF: S-1.01

ASTM A-1011, GRADE 33

7B BLOCKING SCALE : 3" = 1'-0" 7A



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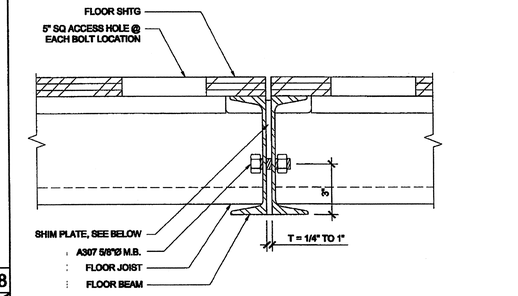
FLOOR BEAM TO COLUMN CONNECTION SCALE : 1 1/2" = 1'-0" 2



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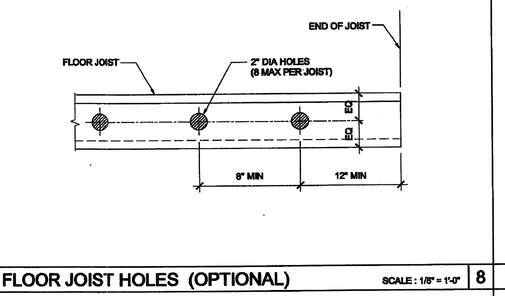
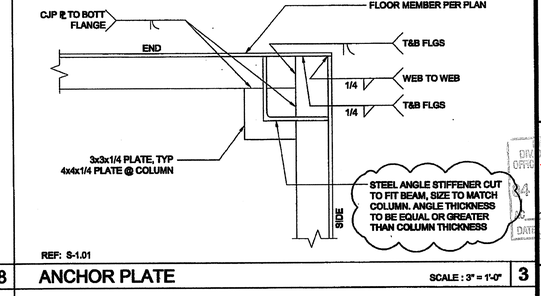


FLOOR JOIST HOLES (OPTIONAL) SCALE : 1/8" = 1'-0" 8



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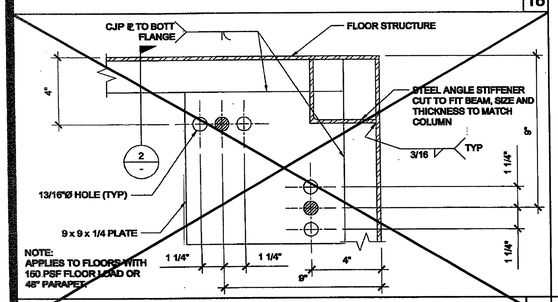
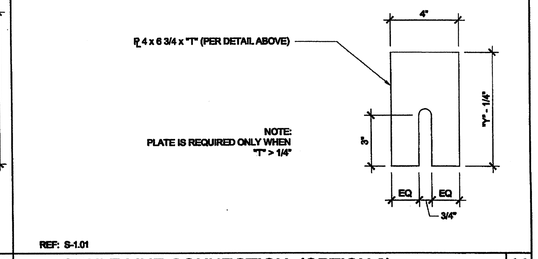
ANCHOR PLATE SCALE : 3" = 1'-0" 3



CORNER ANCHOR PLATE SCALE : 3" = 1'-0" 19



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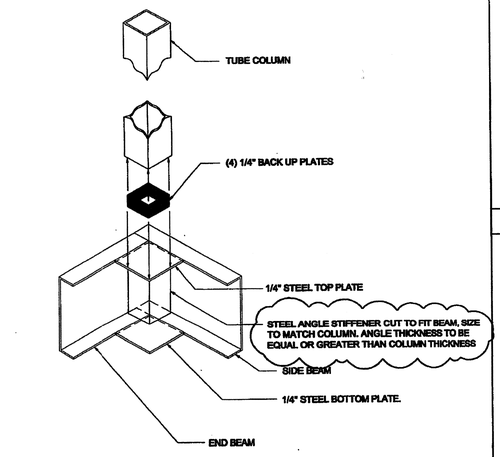
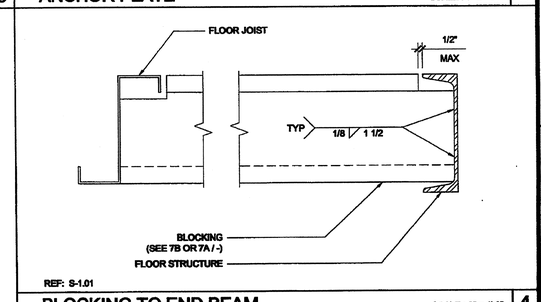
MODULE LINE CONNECTION (OPTION 2) SCALE : 3"=1'-0" 14



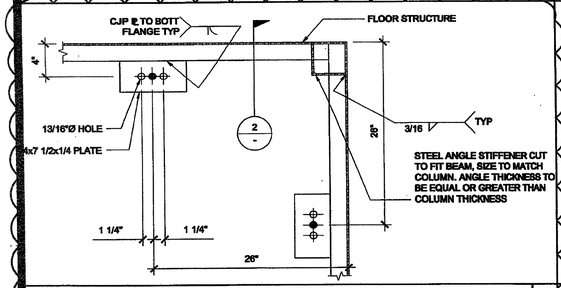
REF: DETAIL #2

COLUMN CONNECTION AT FLOOR SCALE : NTS 10

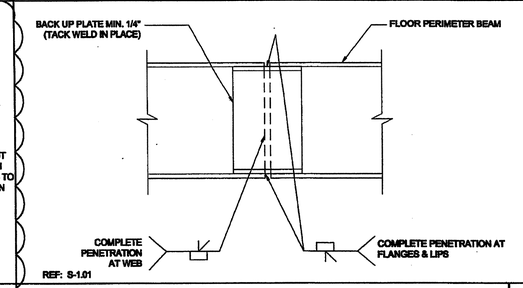


REF: S-1.01

BLOCKING TO END BEAM SCALE : 3" = 1'-0" 4



CORNER ANCHOR PLATE SCALE : 3" = 1'-0" 20



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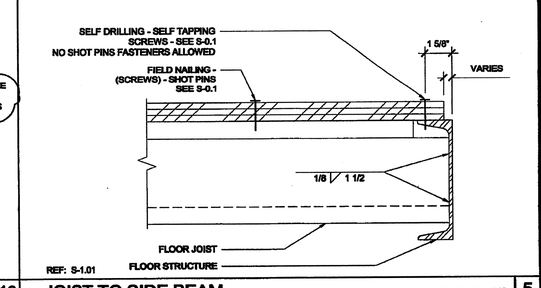
FLOOR BEAM SPLICE SCALE : 3" = 1'-0" 15



REF: S-1.01

JOIST TO SIDE BEAM SCALE : 3" = 1'-0" 5

SEP 19 2012

ARCHITECT OF RECORD SUBMISSION DATE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
11 5849 FLS SS DSA
DATE AUG. 28 2014

REGISTERED ARCHITECT ROBERT A. MILSTEAD C10327 12-25-15 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
11 5849 FLS SS DSA
DATE APR 04 2014

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2013 CBC
A REVIEWED PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-112072
AC FLS SS
DATE MAR 0 9 2015

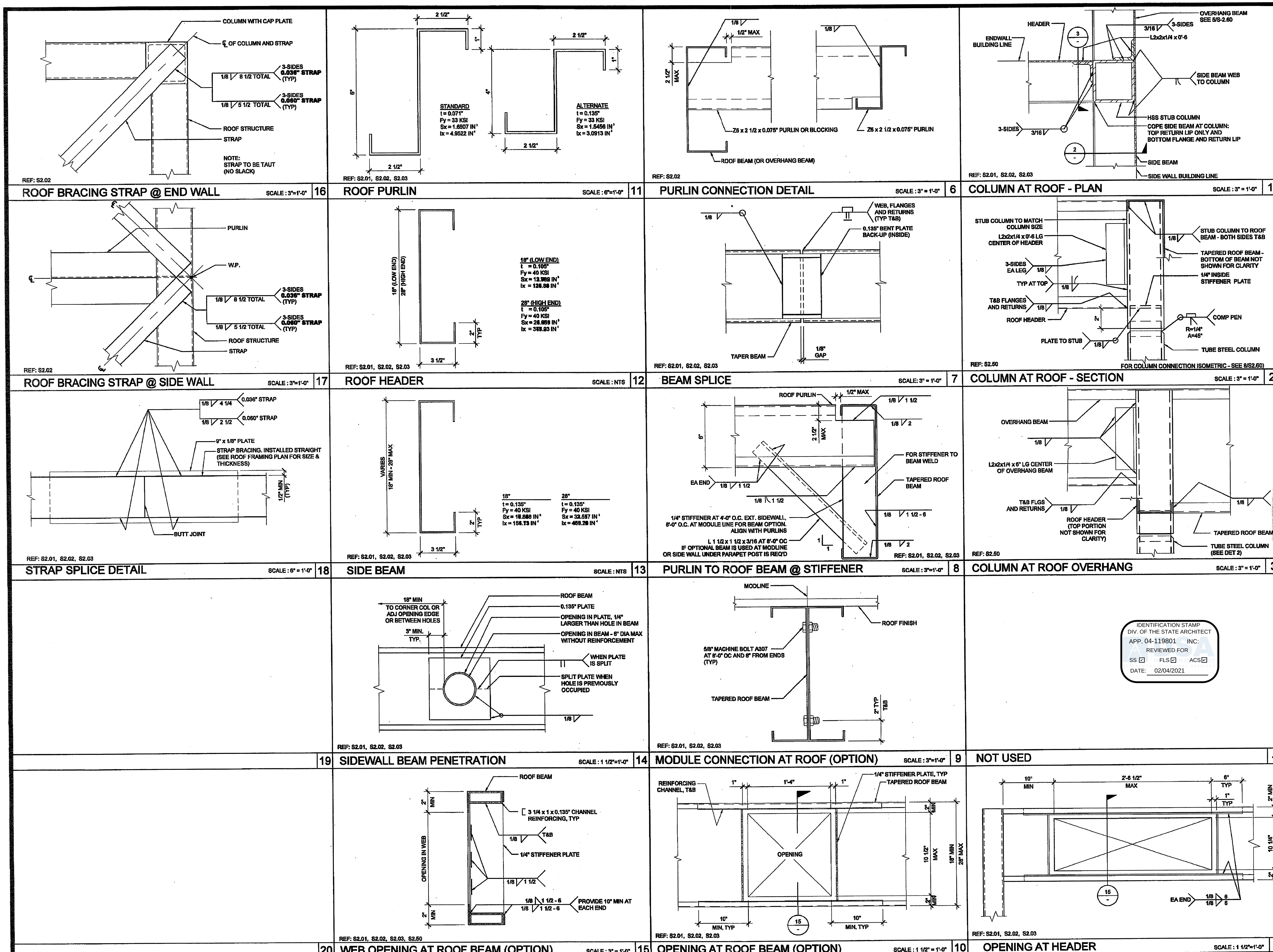
REVISED

REVISIONS
PC REVISION 03/16/2012
1
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12-12-12

P.C. SHEET NUMBER
S-1.50-7
STKP-103



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"BUILDING FOR THE NEXT GENERATION"

SILVER CREEK

195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:

ROOF FRAMING DETAILS MONO SLOPE

TAVARES ASSOCIATES

12/23/2011

ARCHITECT OF RECORD SUBMISSION

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 115... DATE APR 04 2014

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-112072

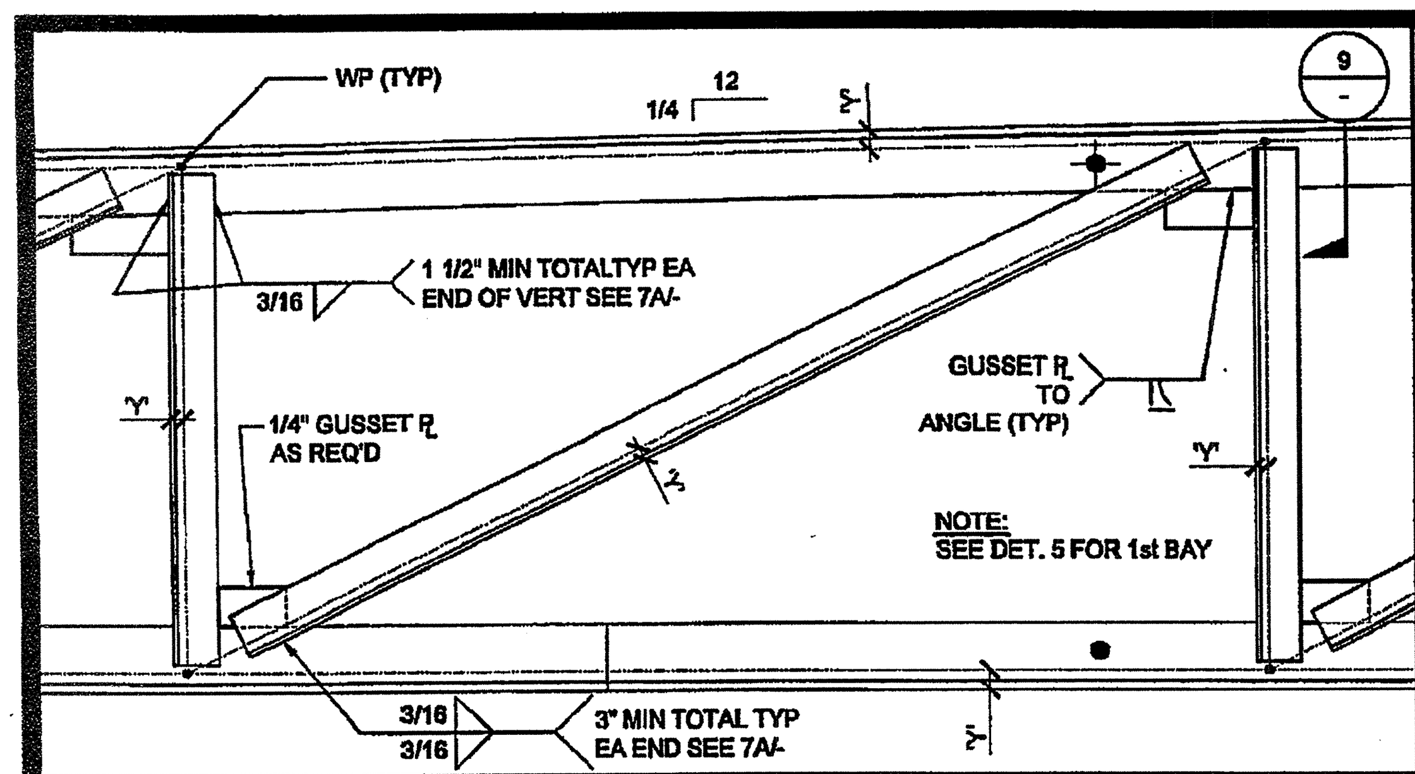
REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC

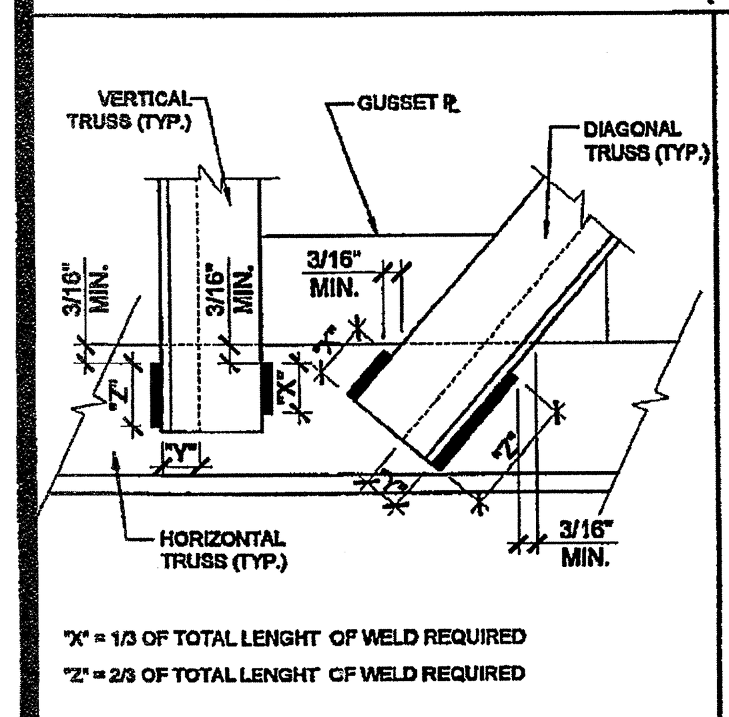
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER

S-2.50-7



TYP. VERTICAL & DIAGONAL (U.N.O.) SCALE: 1 1/2" = 1'-0" 6



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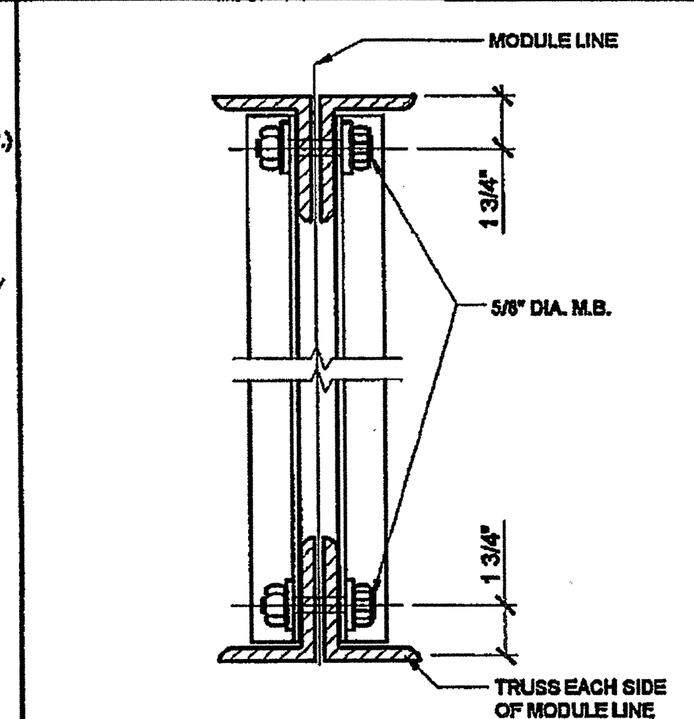
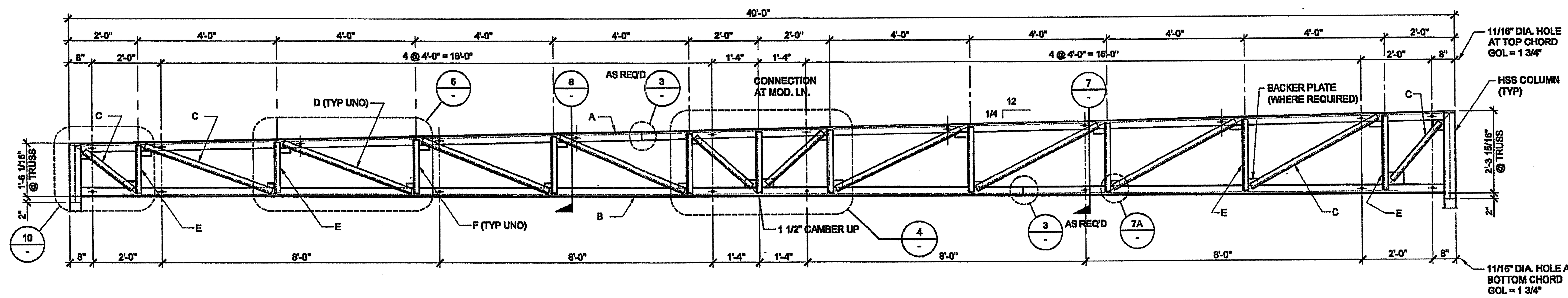
FILLET WELD TERMINATION 7A



SCALE: 1 1/2" = 1'-0"

CONNECTION @ MODULE LINE 7



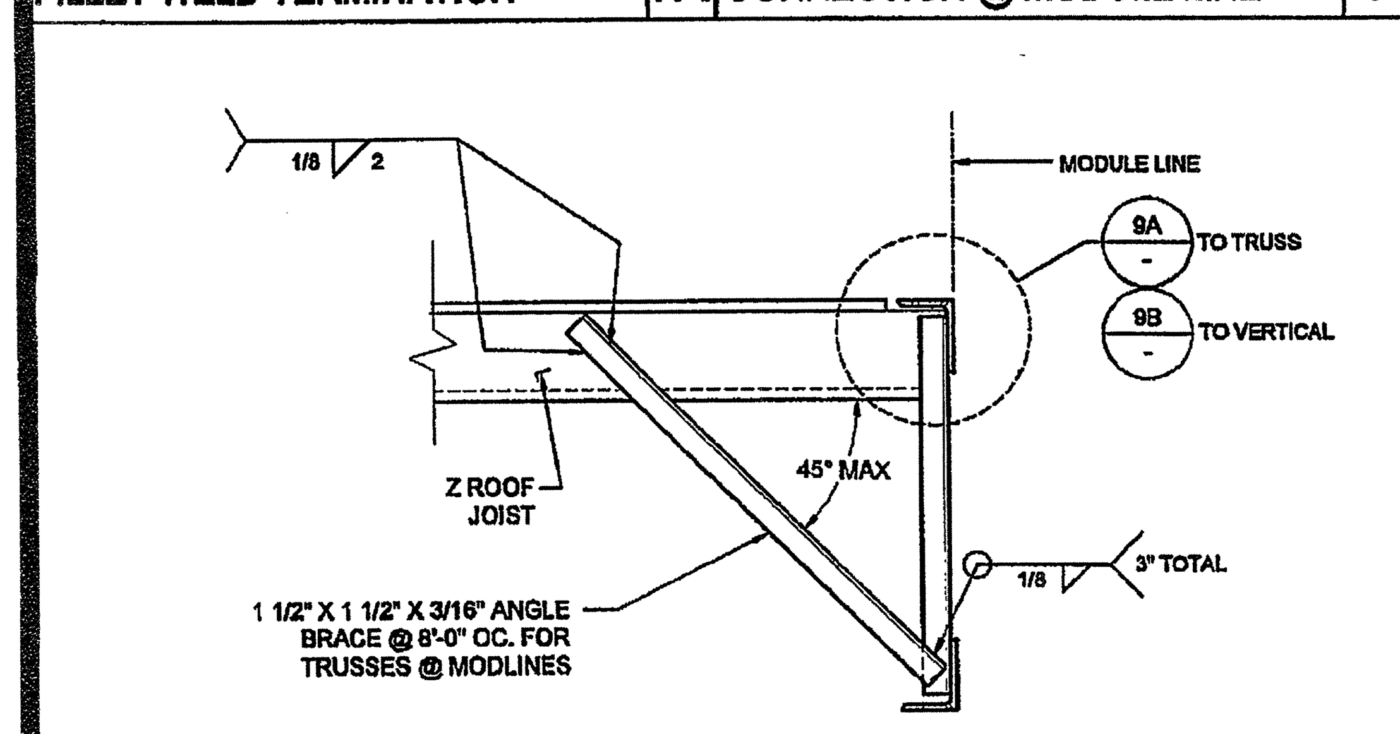
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YEILD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

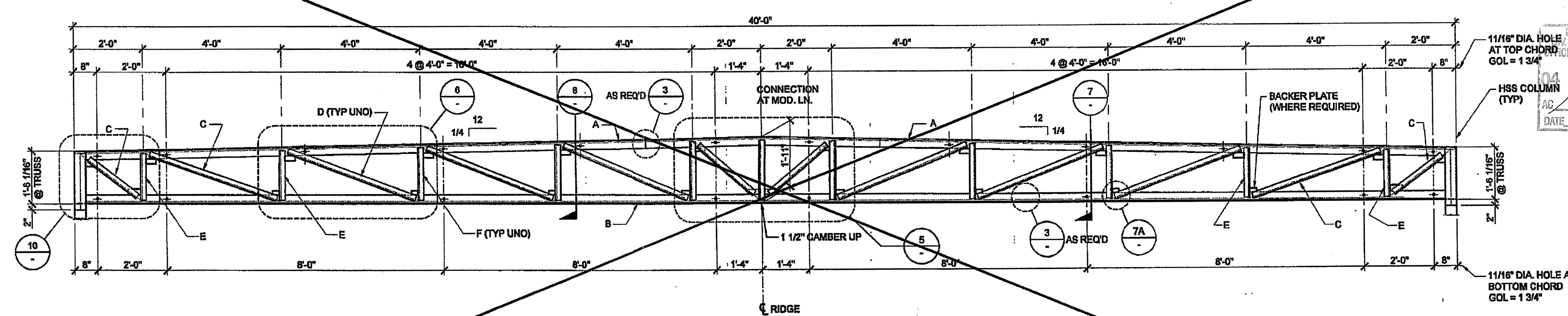
REF: ROOF FRAMING PLAN

TRUSS MARK:			Y=
A	TOP CHORD	4" x 3" x 1/4" (LLV)	1 1/4
B	BOTTOM CHORD	4" x 3" x 1/4" (LLV)	1 1/4
C	END DIAGONALS (2 EACH END)	2" x 2" x 1/4"	9/16
D	TYPICAL DIAGONALS	1 1/2" x 1 1/2" x 3/16"	7/16
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

MONO SLOPE TRUSS SCALE: 1/2" = 1'-0" 1



BRACE @ TRUSS & MATING LINE SCALE: 1 1/2" = 1'-0" 8



NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YIELD
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TRUSS MARK:			Y=
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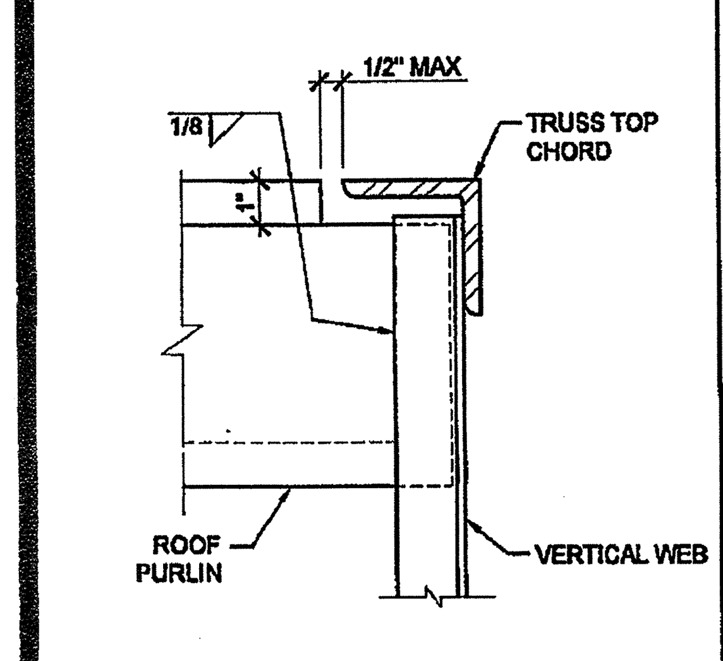
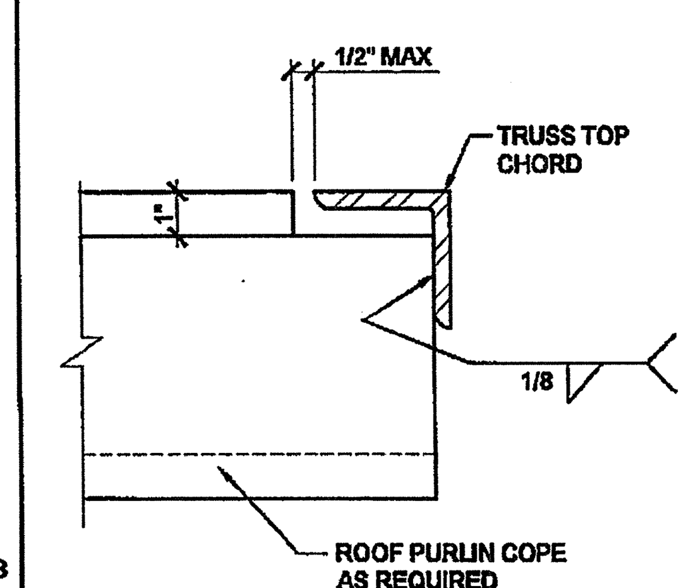
E	END VERTICAL (2 EACH END)	1 1/2" x 1 1/2" x 3/16"	7/16
F	TYPICAL VERTICALS	1 1/2" x 1 1/2" x 3/16"	7/16

DUAL SLOPE TRUSS SCALE: 1/2" = 1'-0" 2

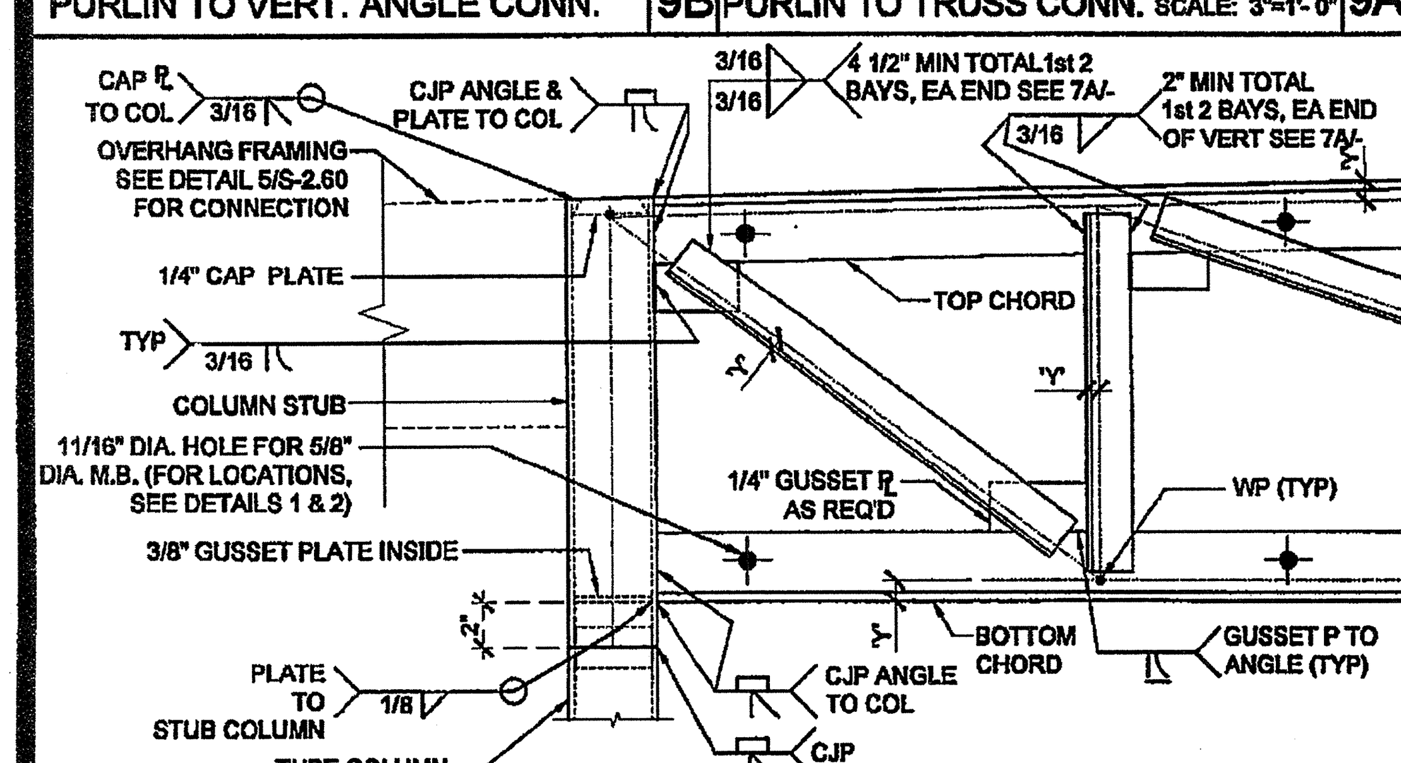


SCALE: 3" = 1'-0"

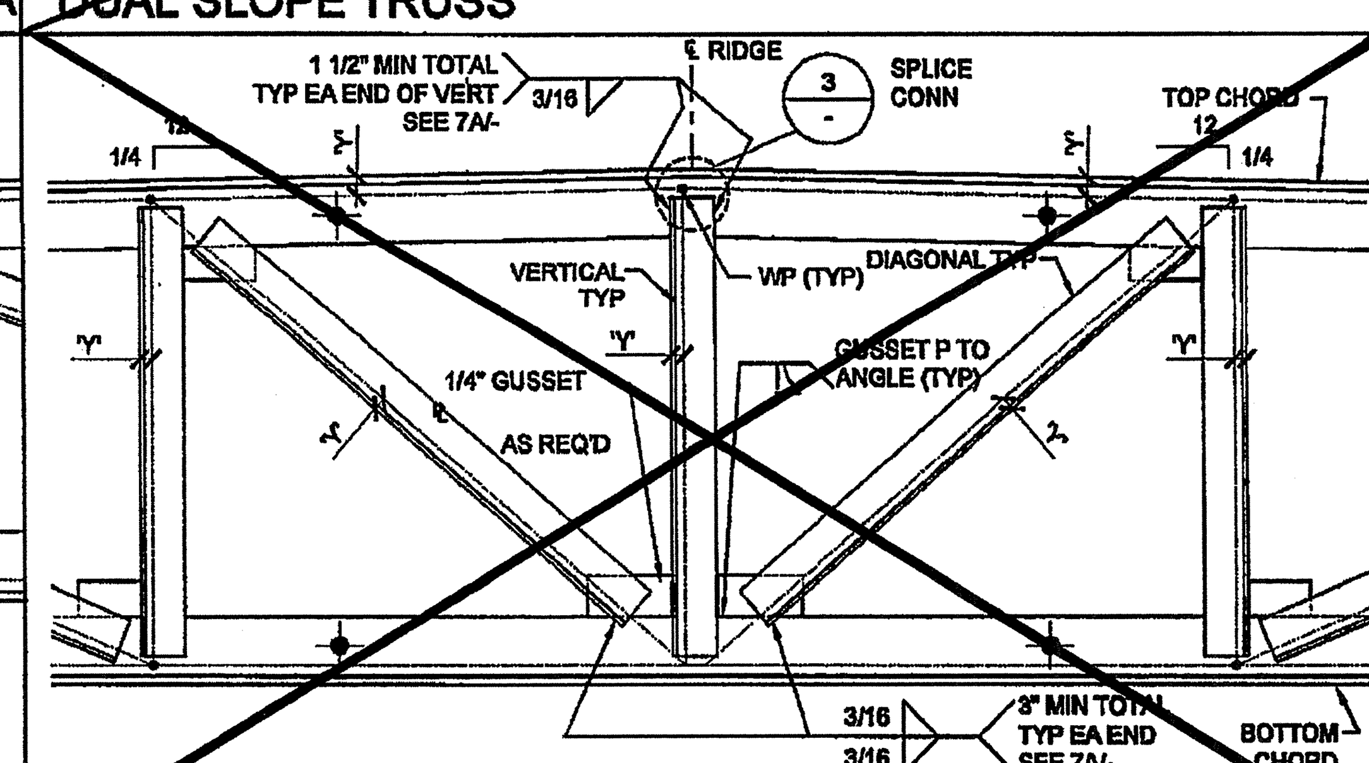
PURLIN TO VERT. ANGLE CONN. 9B



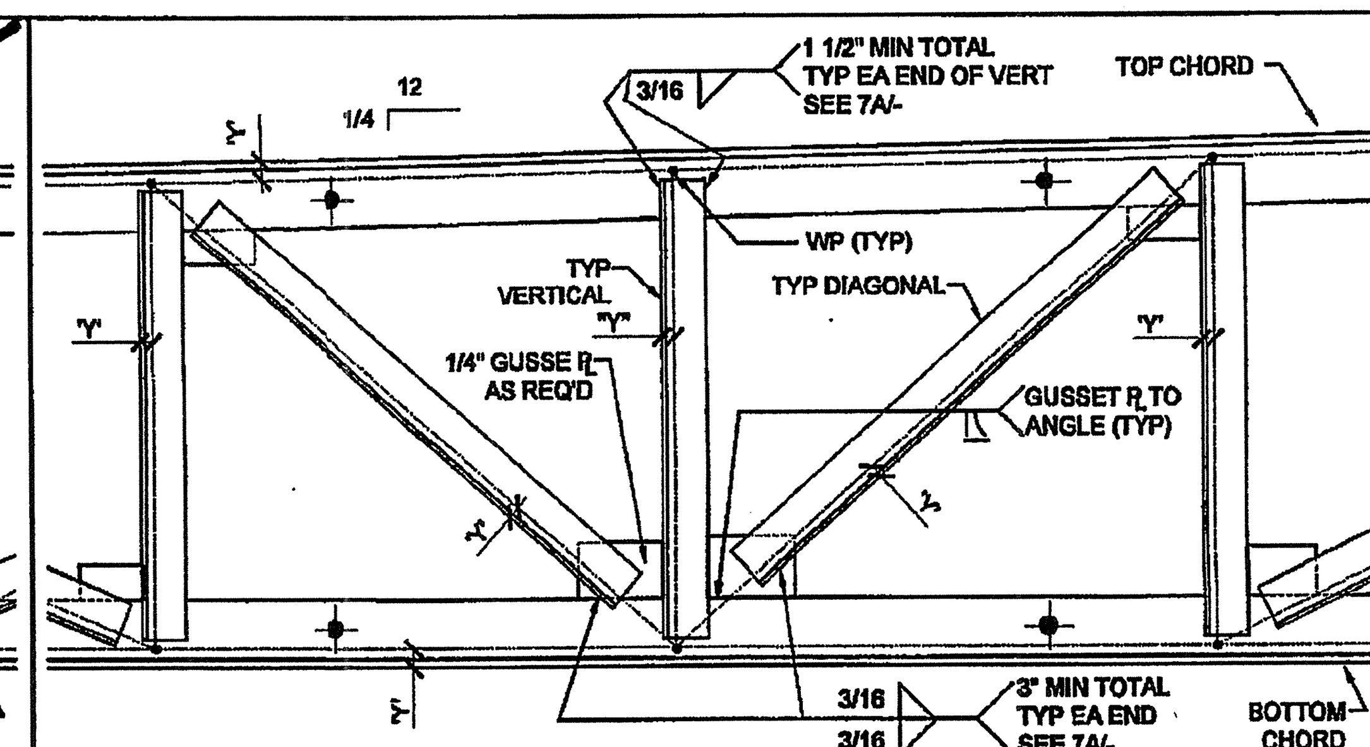
PURLIN TO TRUSS CONN. SCALE: 3"=1'-0" 9A



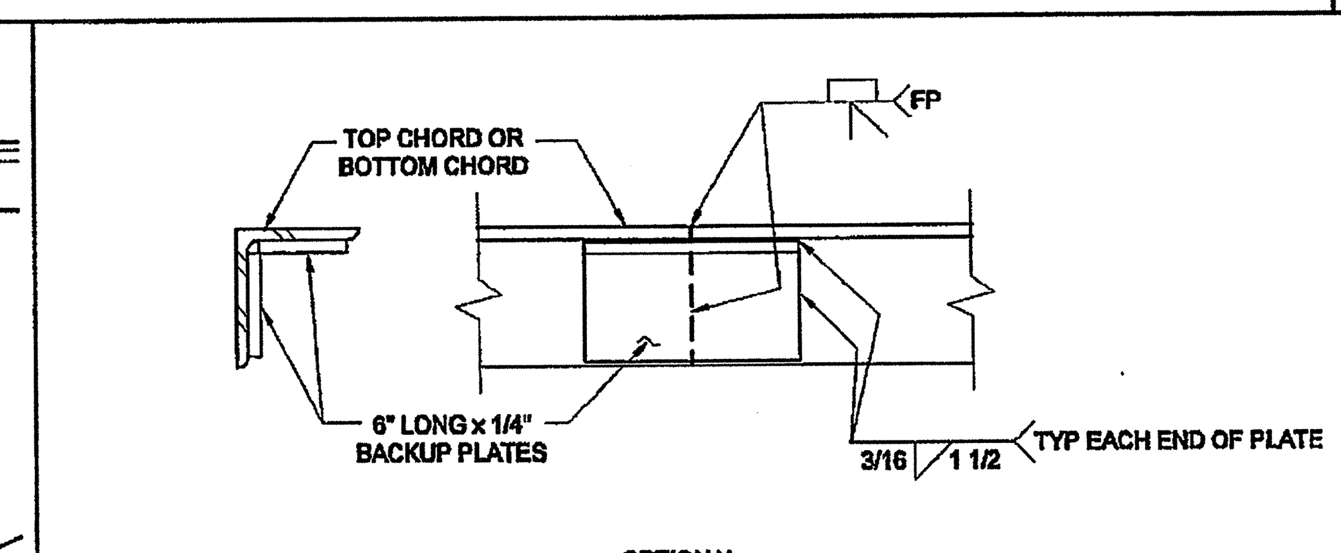
TRUSS TO COLUMN / OH FRAME CONN. SCALE: 1 1/2" = 1'-0" 10



VERT. & DIAG. AT MID-POINT SCALE: 1 1/2" = 1'-0" 5



VERT. & DIAG. AT MID- POINT SCALE: 1 1/2" = 1'-0" 4



OPTIONAL

NOTE:
CHORD SPLICE MAY OCCUR AT ANY POINT ON THE TOP OR BOTTOM CHORD AS LONG AS FULL PENETRATION WELD AND BACKUP PLATES ARE USED

TRUSS CHORD SPLICE SCALE: 3" = 1'-0" 3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

CLASS LEASING CLASSROOM BLDG'S

SHEET TITLE:

ROOF FRAMING DETAILS
TRUSS

TAVARES ASSOCIATES

No. C-28356
12/23/2011

ARCHITECT OF RECORD SUBMISSION DATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113849
AC FLS SS
DATE AUG 28 2014

REGISTERED ARCHITECT
C10322

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 113536
AC FLS SS
DATE APR 04 2014

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112072
AC FLS SS
DATE DEC

REVISIONS

1	
2	
3	
4	
5	
6	
7	
8	

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12-23-11

P.C. SHEET NUMBER

S-2.90-7

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TILTLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/ A17.1A/CSA B44A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD:	100 PSF (4.8 kPa)
HANDRAIL IMPACT:	200 LBS (0.9 kN)
HANDRAIL DIST. LOAD:	50 PLF (0.7 kN/m)
SESIMIC:	Ss= 1.875g, S1= 0.675, R= 1.25, SITE CLASS D
LATERAL RESISTING SYST:	OTHER STRUCTURES SIMILAR TO BUILDINGS
WIND:	130 MPH, 3 SEC GUST EXPOSURE "C", Kzt= 1.0
SEIS IMPORTANCE FACTOR:	Ie= 1.25, Iw= 1.0
SNOW LOAD:	0 PSF (0 kPa)
SOIL ALLOWABLE BEARING:	1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE	ASTM A513 GR. C	Fy= 33 KSI (345 MPa)
RAMP OVERHANG POST	ASTM A500 B	Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESSURE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL
AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINIUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSI/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMOM STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.

2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER.AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS

3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.

4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).

5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.

7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.

8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.

9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.

10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

1) RAMPS SHALL CONFORM TO CBC 2016 TITLE 24 PART 2, CHAPTER 11B, 11B-405

2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)

3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM

4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN

5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION

6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING

7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1829MM) MINIMUM, WITH WITH THE LENGTH BEING IN THE DIRCTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION

8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED

9) WALKING SURFACE SAHLL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

1 — *1 1/2" = 1'-0"*
Notes

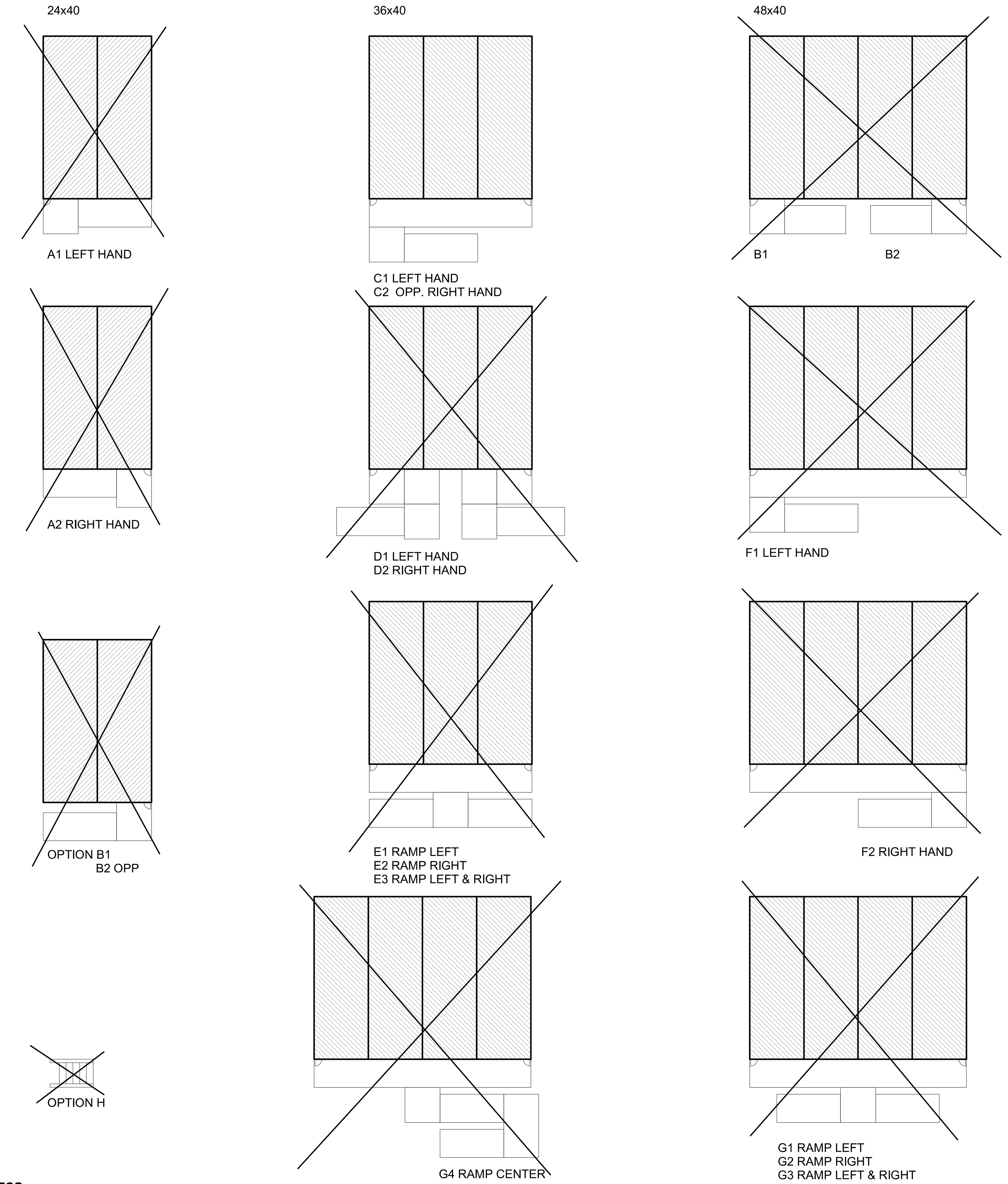
Ramp Option Schedule:

option1 : ramp & landing @ building
(plan view 1/SR1)

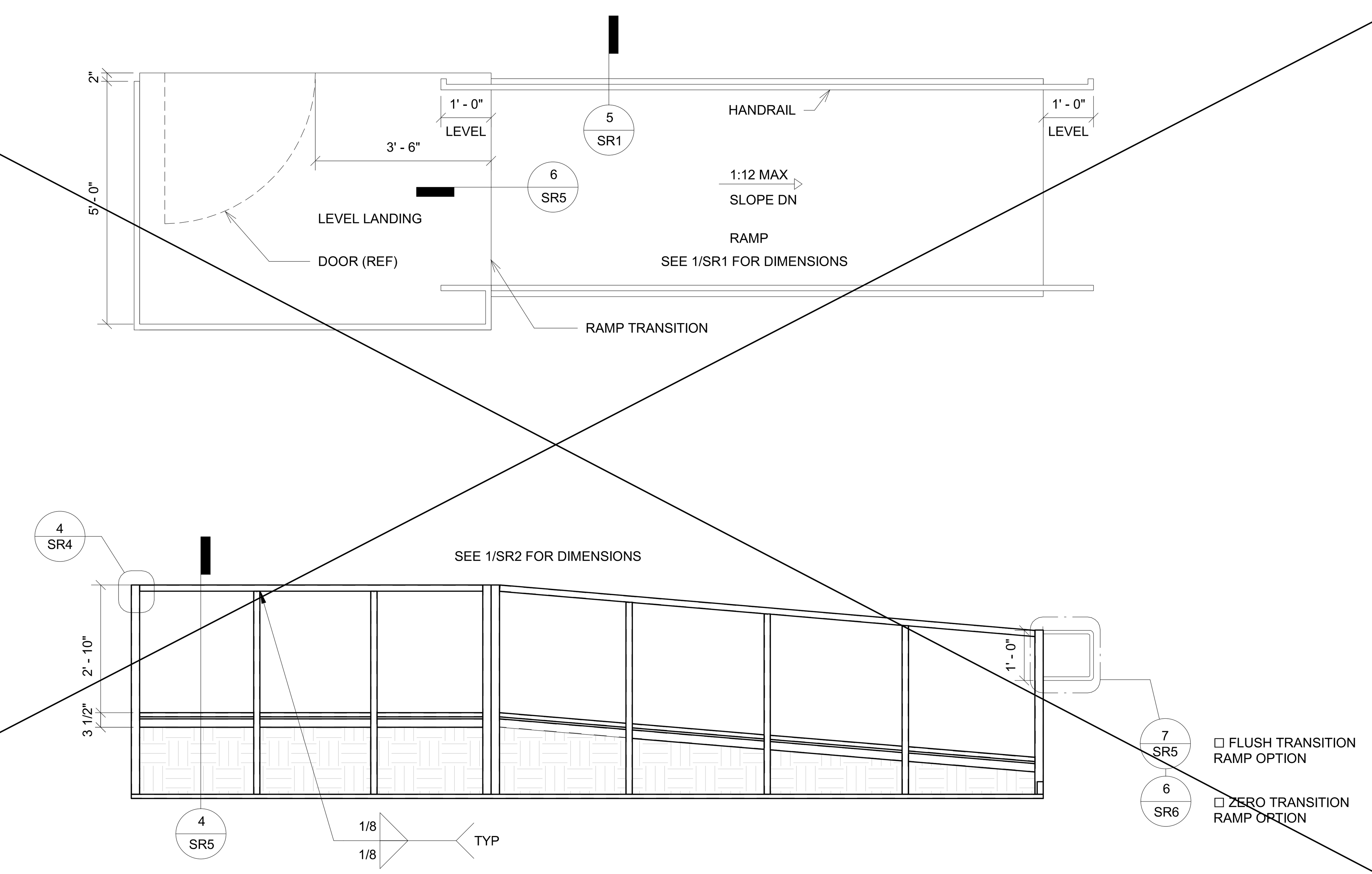
option 2 : ramp and landing with offset ramp
(plan view 2/SR1)

option 3: ramp and platform landing
(plan view 3/SR1)

option 4 : ramp and landing with switch back ramp
(plan view 4/SR1)



2 — ***Ramps Options w/ Different Building Sizes***



3 — ***1/2" = 1'-0"***
Standard Ramp

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER
MANNY D. FR...
S2380...
STRUCTURAL
STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

DATE
05/04/2017

SHEET NO.
SR0-7

SHEET OF

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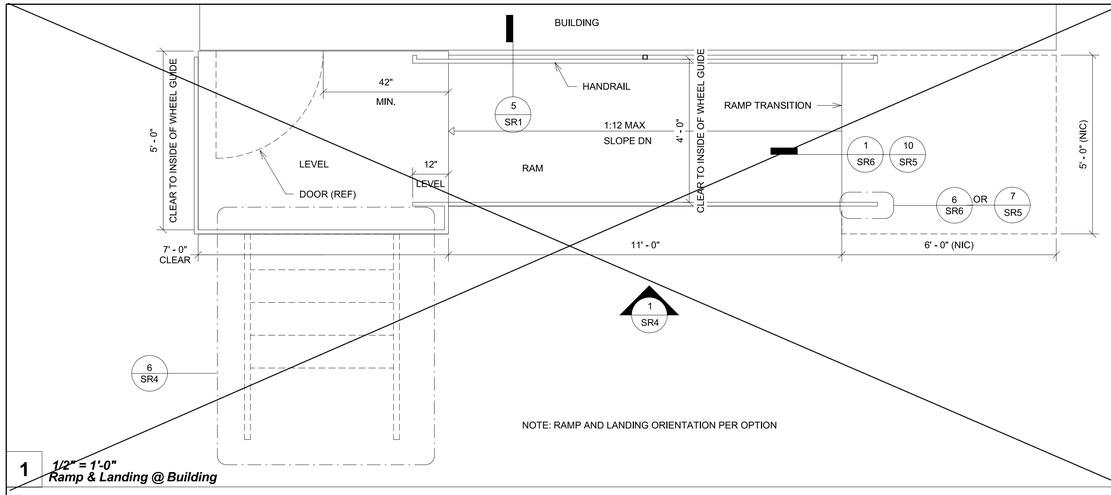
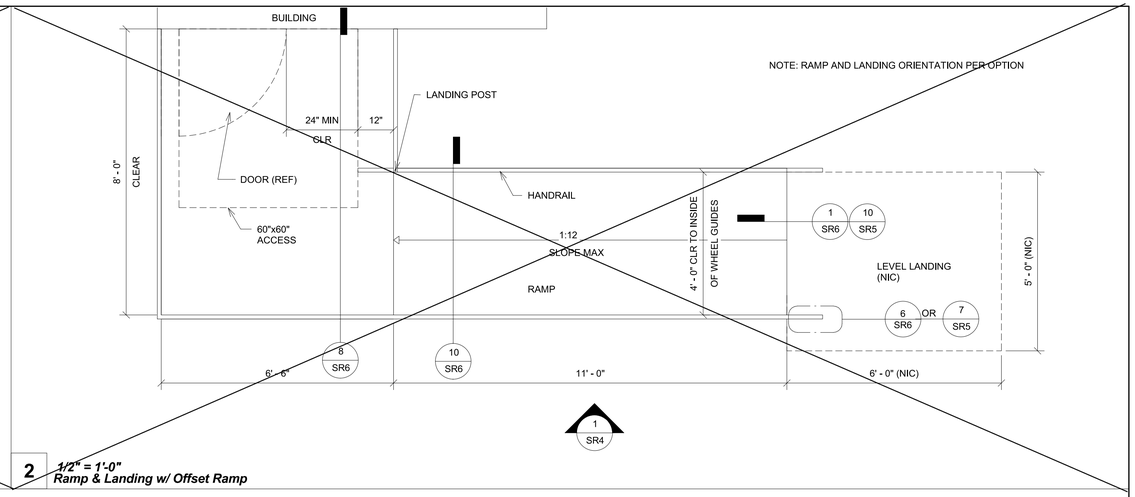
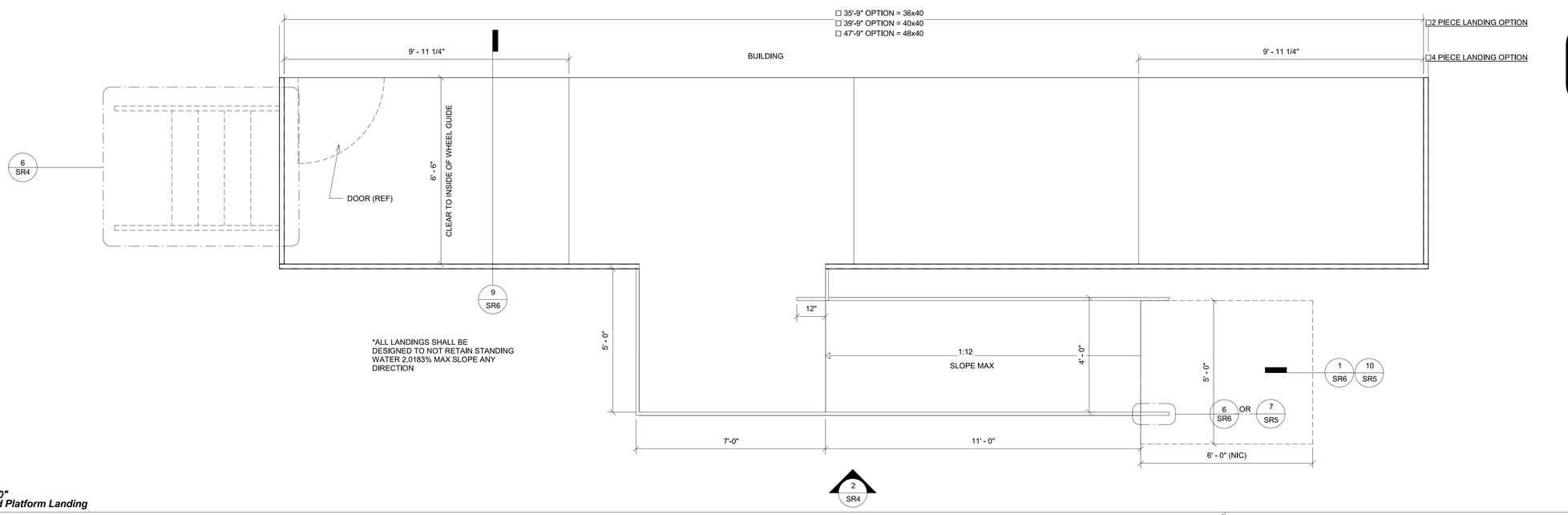


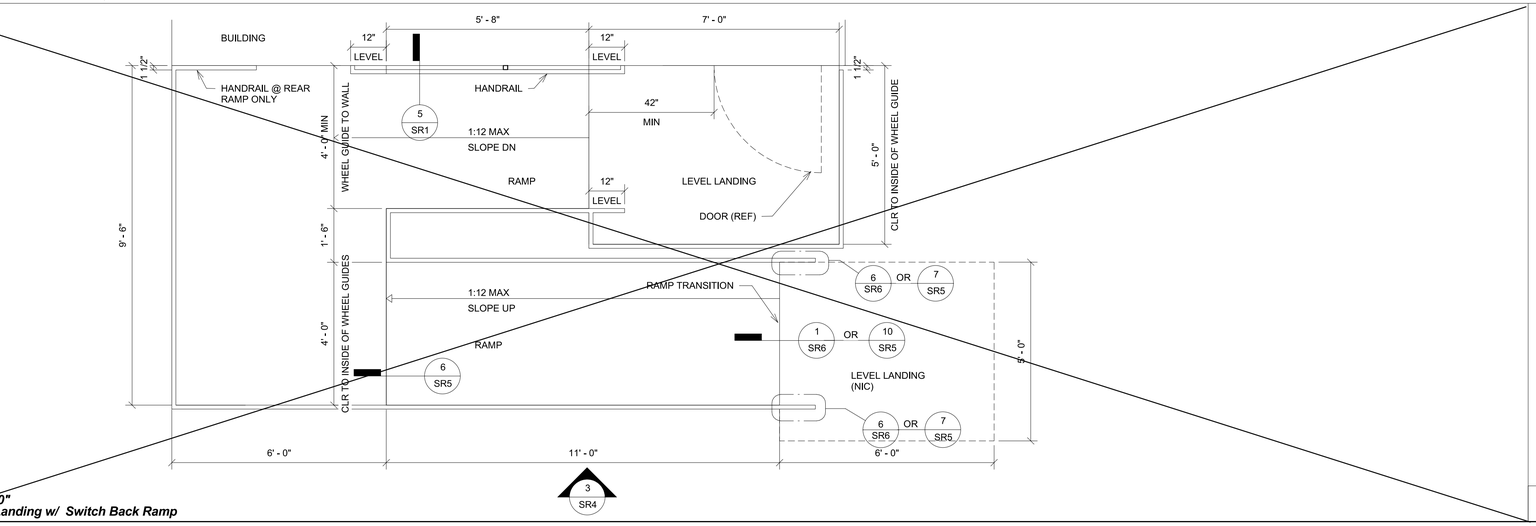
1 **1/2" = 1'-0"**
Ramp & Landing @ Building



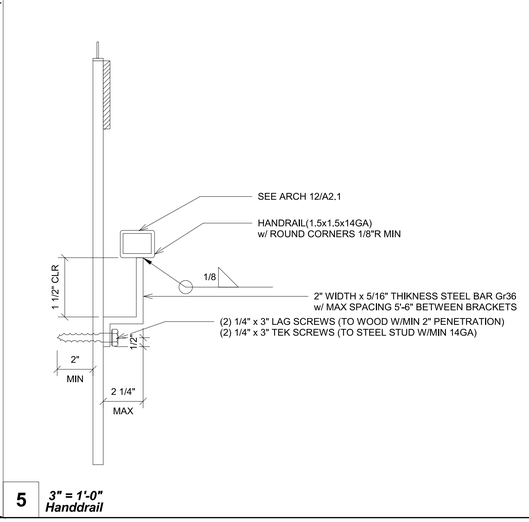
2 **1/2" = 1'-0"**
Ramp & Landing w/ Offset Ramp



3 **1/2" = 1'-0"**
Ramp and Platform Landing



4 **1/2" = 1'-0"**
Ramp & Landing w/ Switch Back Ramp



5 **3" = 1'-0"**
Handrail

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCO
No. S-4380
STRUCTURAL
STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing Plan

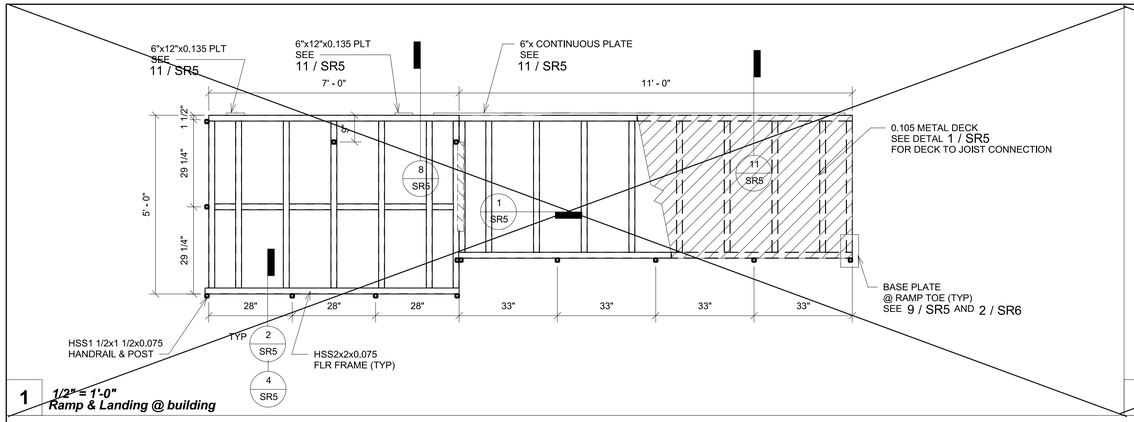
PROJECT NUMBER
17016A

DRAWN BY
SM

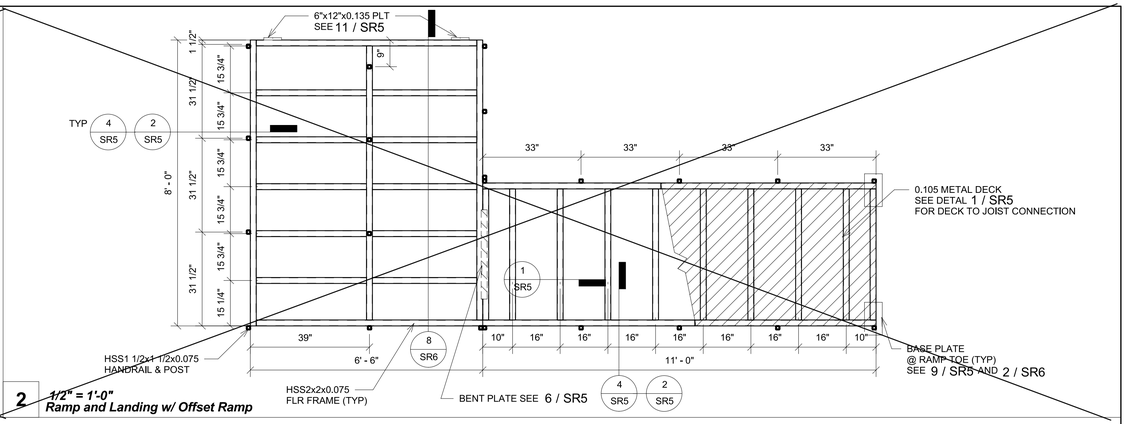
CHECKED BY
rMc

DATE
05/04/2017

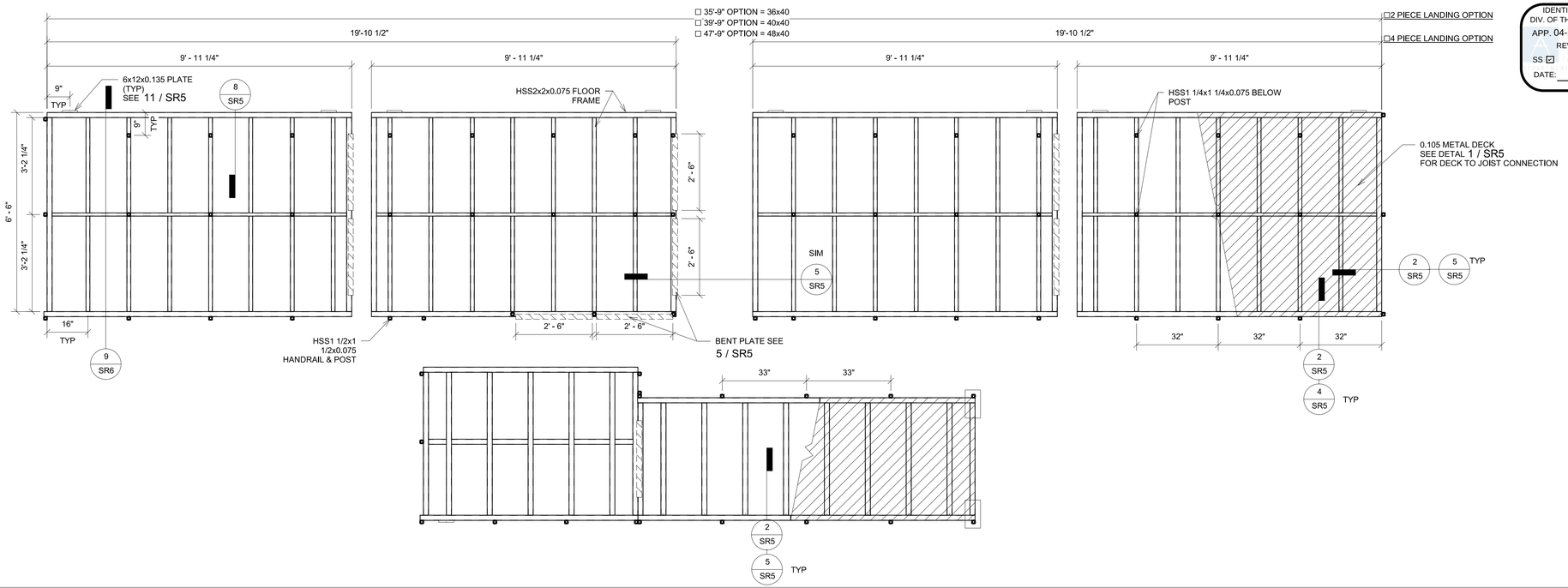
SHEET NO.
SR1-7
SHEET OF



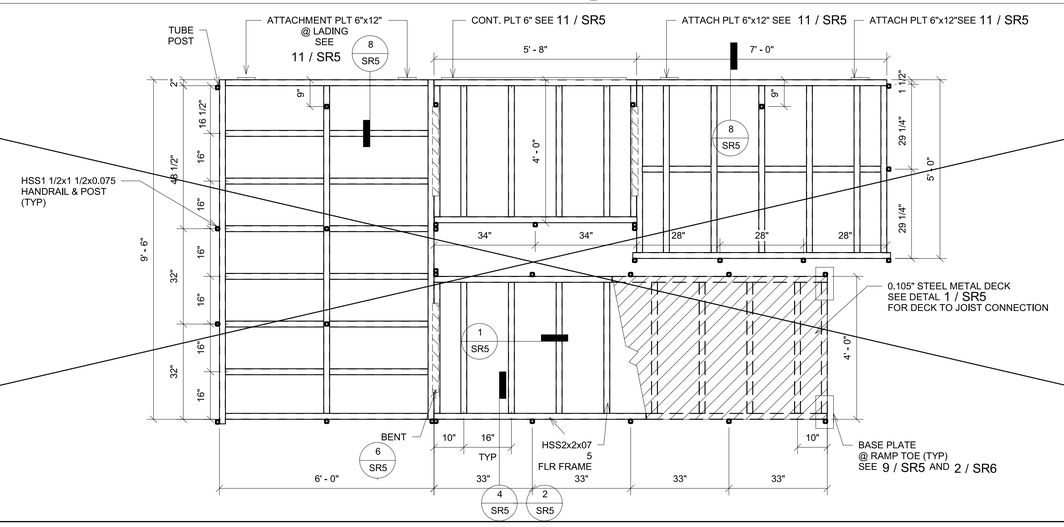
1 *1/2" = 1'-0"*
Ramp & Landing @ building



2 *1/2" = 1'-0"*
Ramp and Landing w/ Offset Ramp



3 *1/2" = 1'-0"*
Ramp & Platform Landing Frame



4 *1/2" = 1'-0"*
Ramp & Landing w/ Switch Back Ramp

R&S TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 BERNARDO PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCE C-43804 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE

RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE

Ramp and Landing Framing

PROJECT NUMBER
17016A

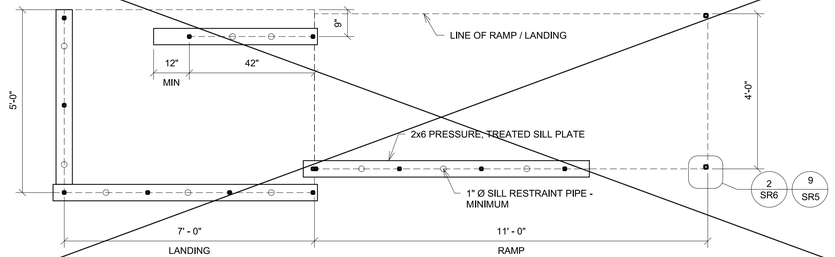
DRAWN BY
SM

CHECKED BY
BR/rMc

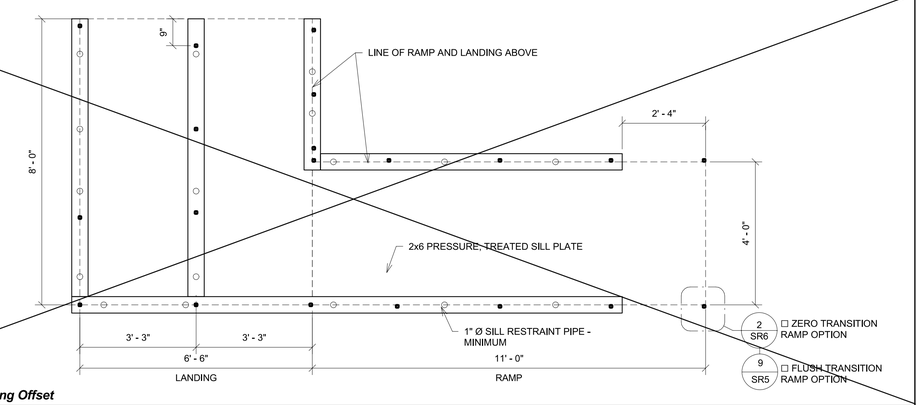
DATE
05/04/2017

SHEET NO.
SR2-7

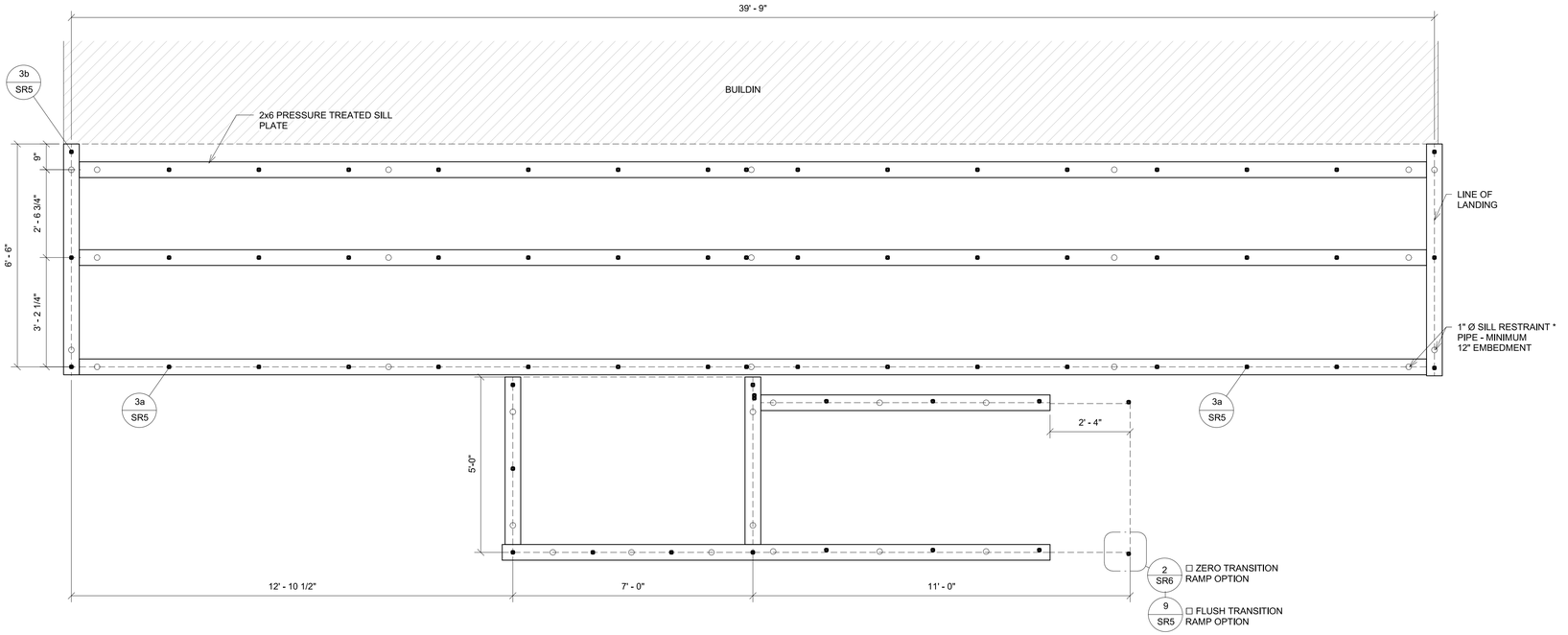
SHEET OF



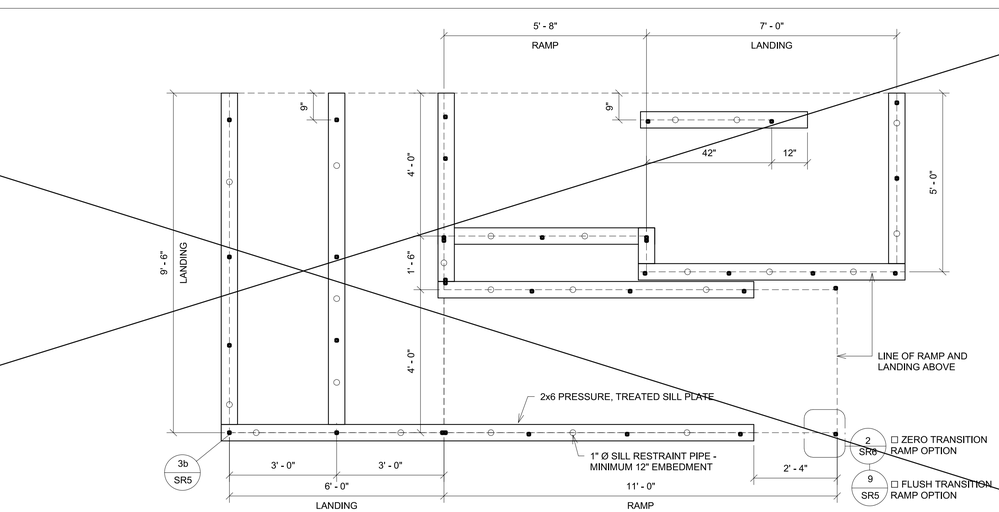
1 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing



2 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing Offset



3 *1/2" = 1'-0"*
Platform Sill Plan For Ramp & Landing



4 *1/2" = 1'-0"*
Sill Plan For Ramp & Landing Switchback

* "RESTRAINING PIPES / RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o/c.
ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNERIN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT
11777 Bernardo Plaza Court, Suite 105
San Diego, CA 92128

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER MANNY D. FRANCE C-43801 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EA SSR KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Foundation Plan

PROJECT NUMBER
17016A

DRAWN BY
SM

CHECKED BY
rMc

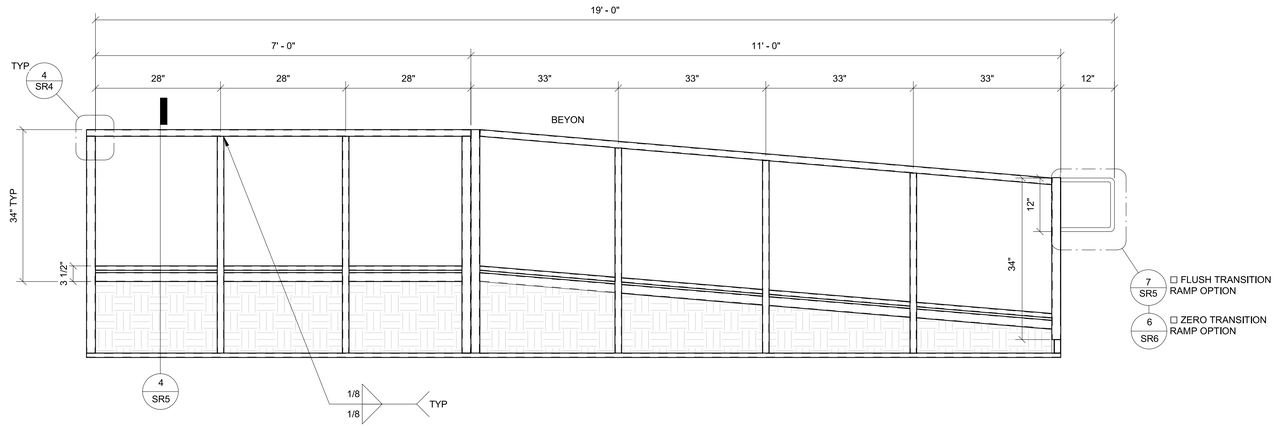
DATE
05/04/2017

SHEET NO.
SR3-7

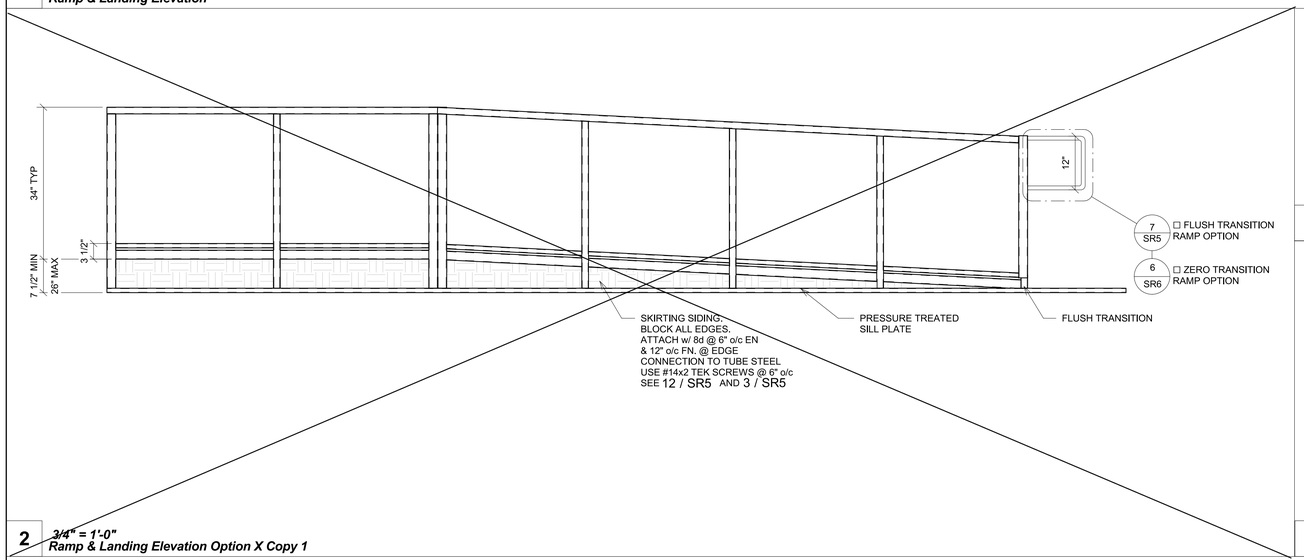
SHEET OF

12/18/2017 5:45:03 PM C:\Users\Lee\Documents\RST#17032 - Aries, Ramps and Stairs PC_Lee.rvt

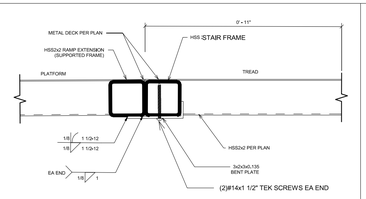
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119801 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021



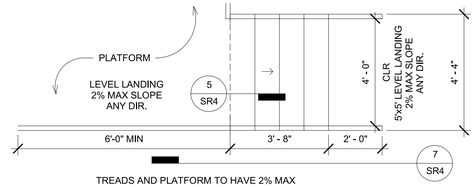
1 ***3/4" = 1'-0"***
Ramp & Landing Elevation



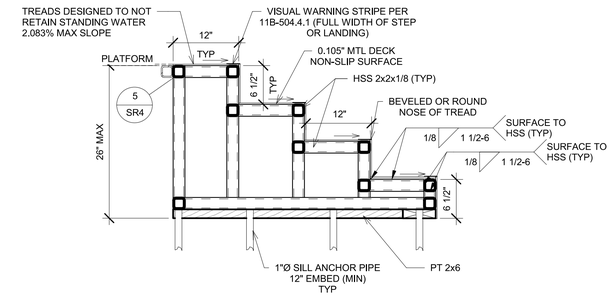
2 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X Copy 1



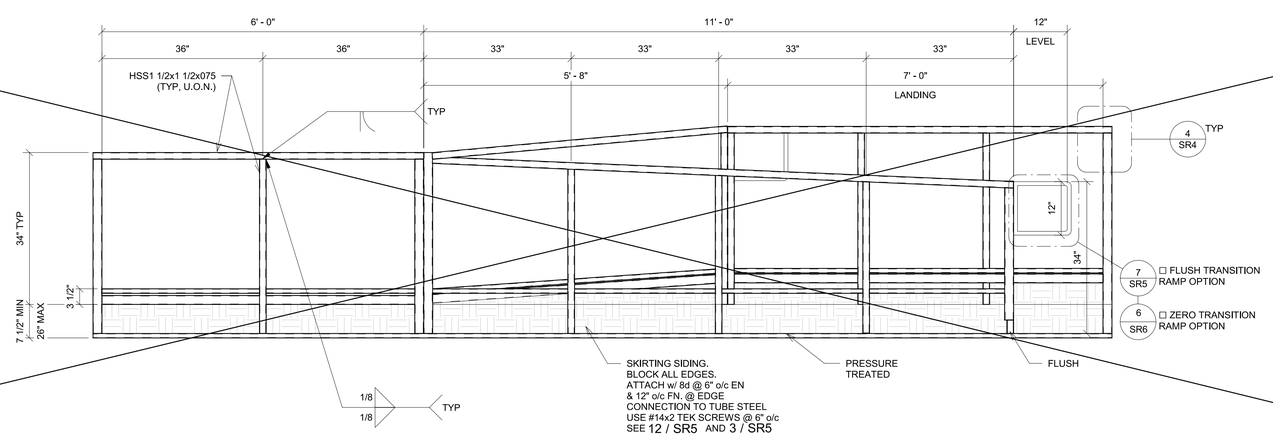
5 ***3" = 1'-0"***
Conn @ Platform



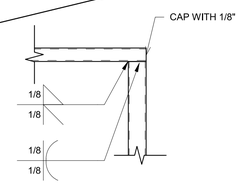
6 ***3/8" = 1'-0"***
Stair



7 ***1" = 1'-0"***
Stair Elev



3 ***3/4" = 1'-0"***
Ramp & Landing Elevation Option X



4 ***1 1/2" = 1'-0"***
Ramp & Landing Elevation Option X1 - Callout 1

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PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ENGINEER
MANNY D. FRANCO
No. S-2380
STRUCTURAL
STATE OF CALIFORNIA
12/19/2017

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM FLS_EA SSP_KER
DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

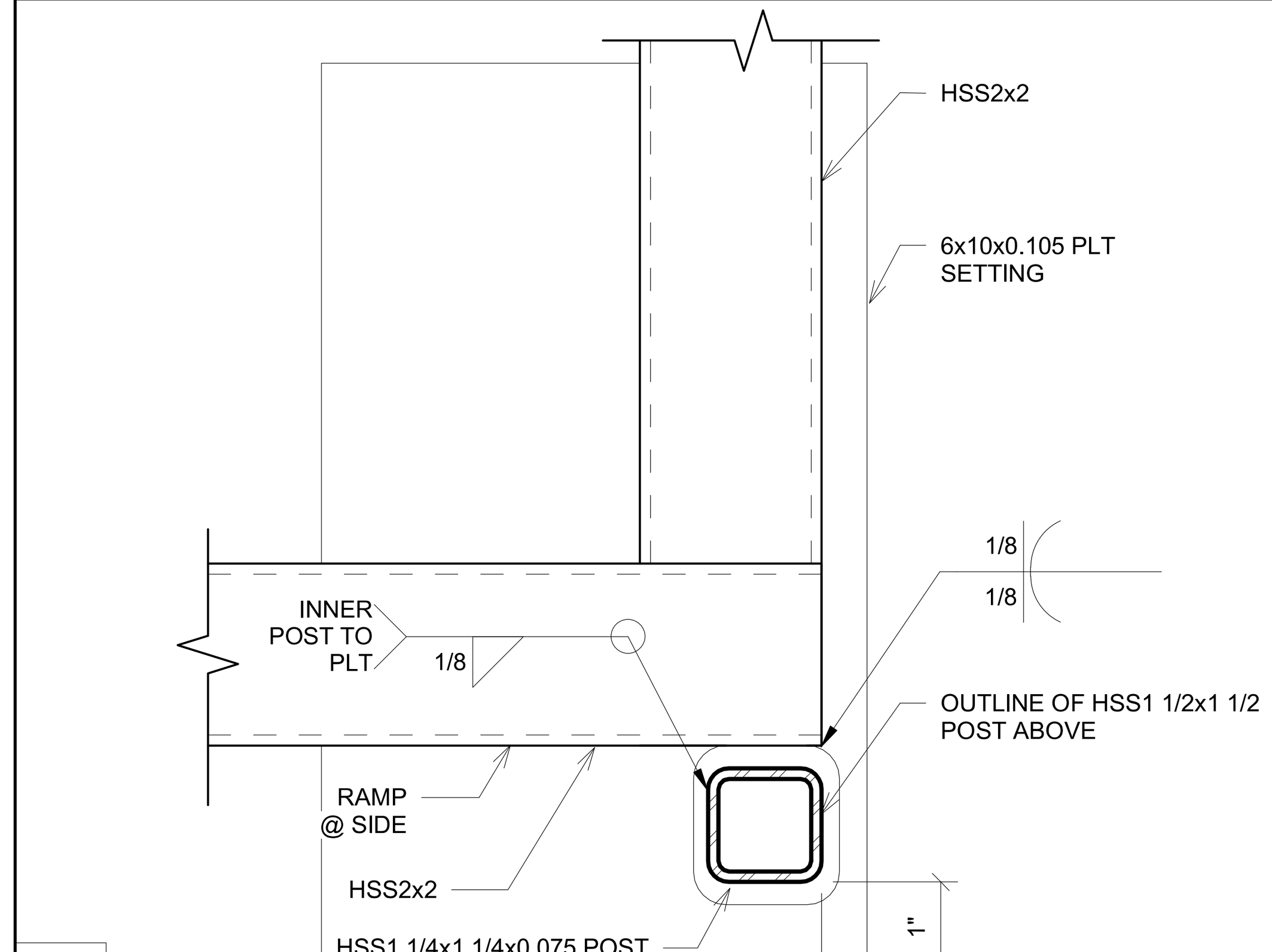
PROJECT NUMBER
17016A

DRAWN BY
SM

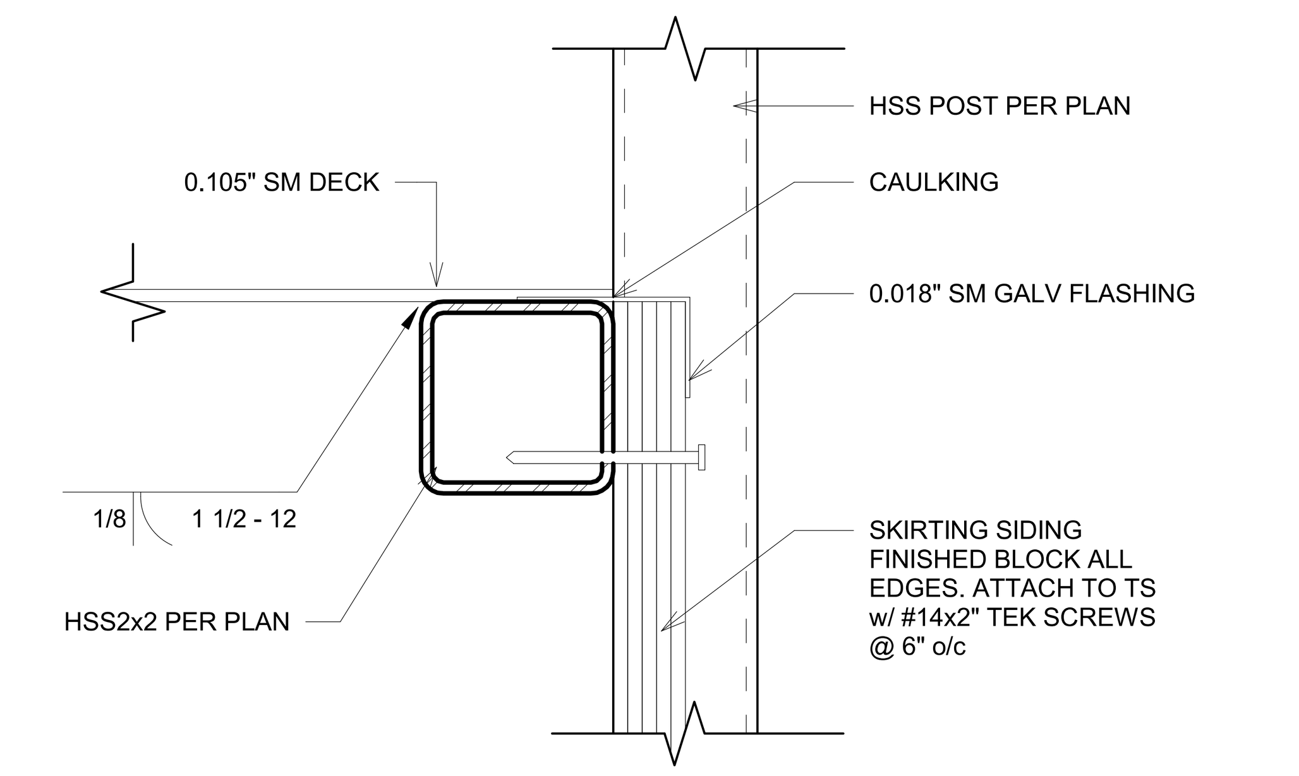
CHECKED BY
rMc

DATE
05/04/2017

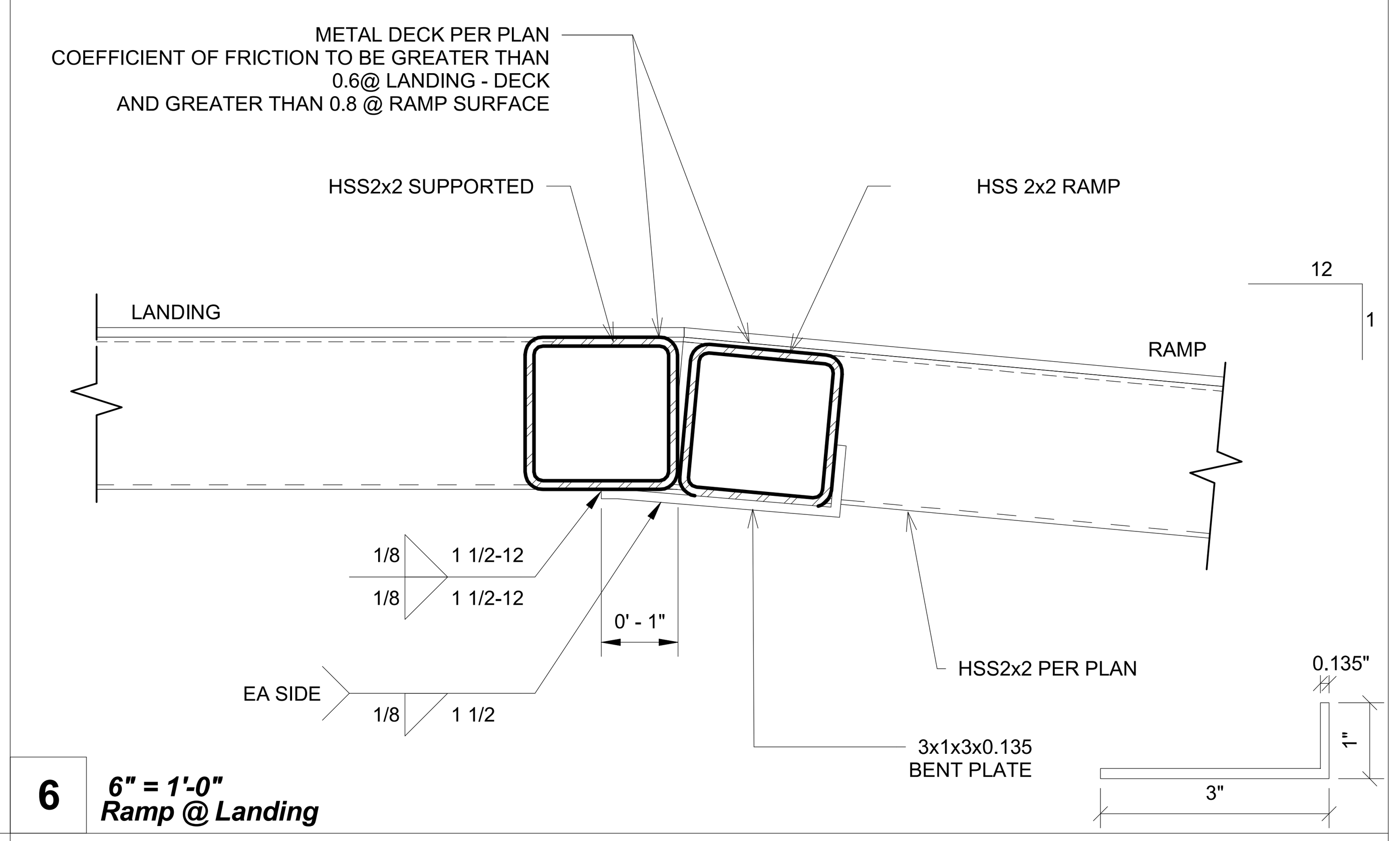
SHEET NO.
SR4-7
SHEET OF



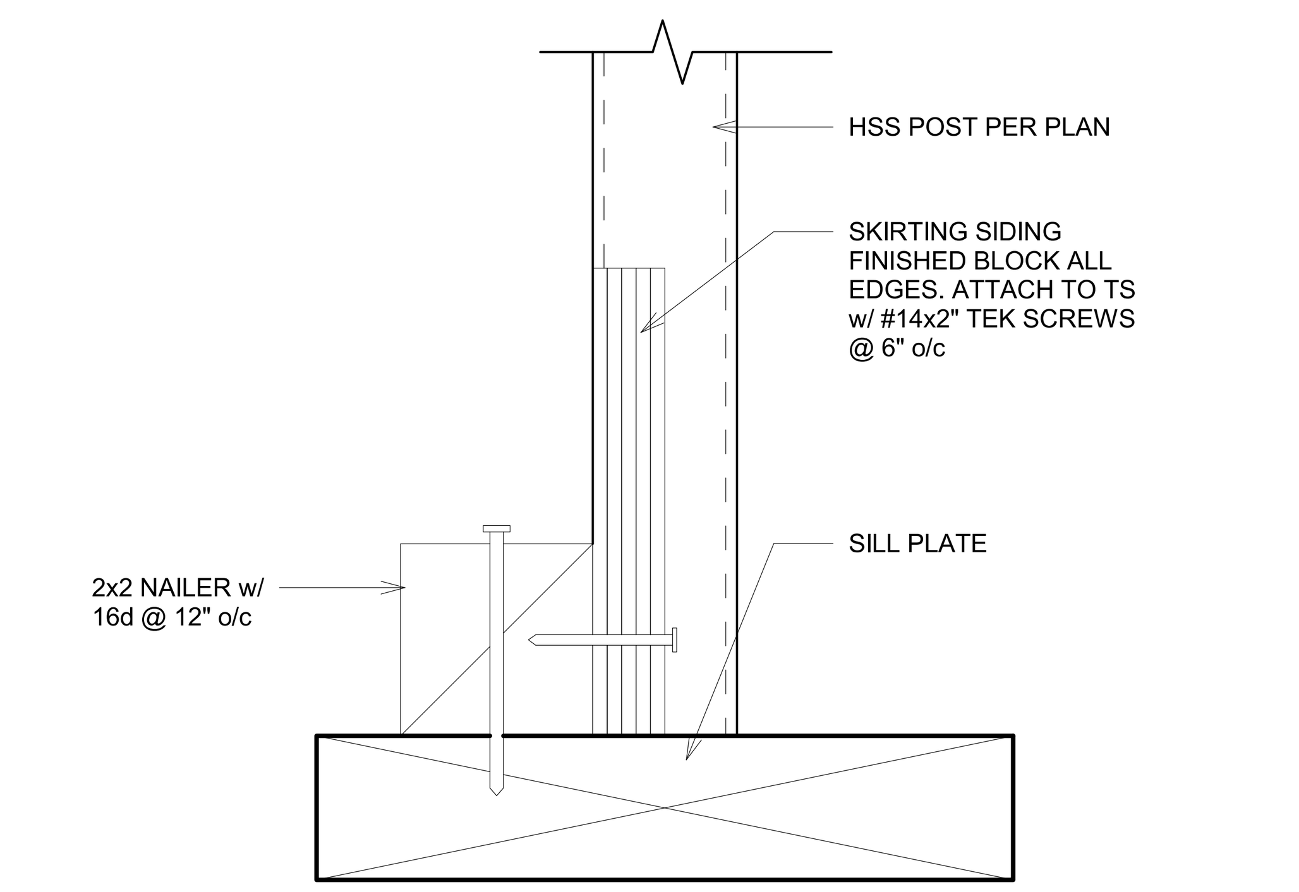
9 *6" = 1'-0"*
Base Plate @ Ramp Toe



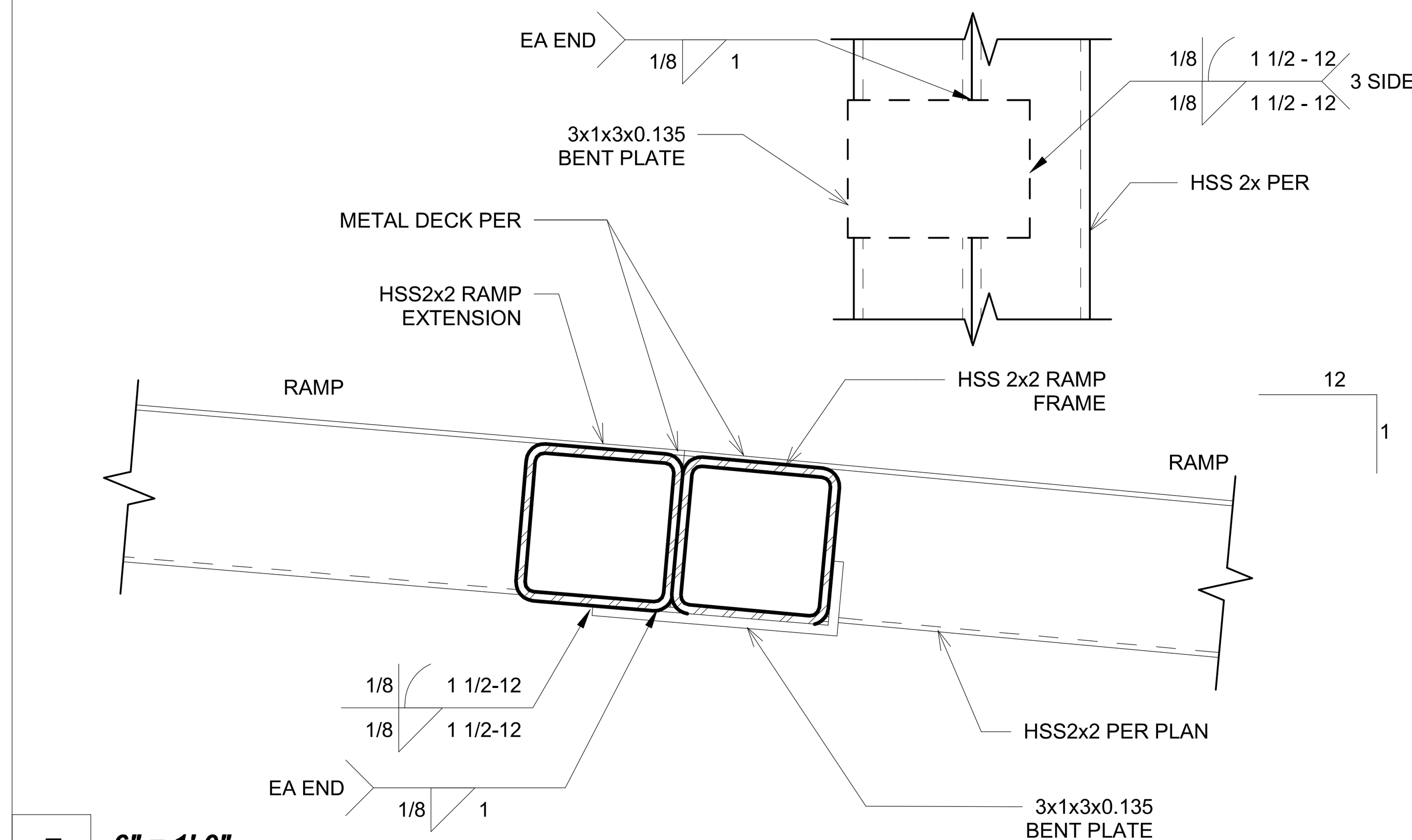
12 *6" = 1'-0"*
Skirt Flashing



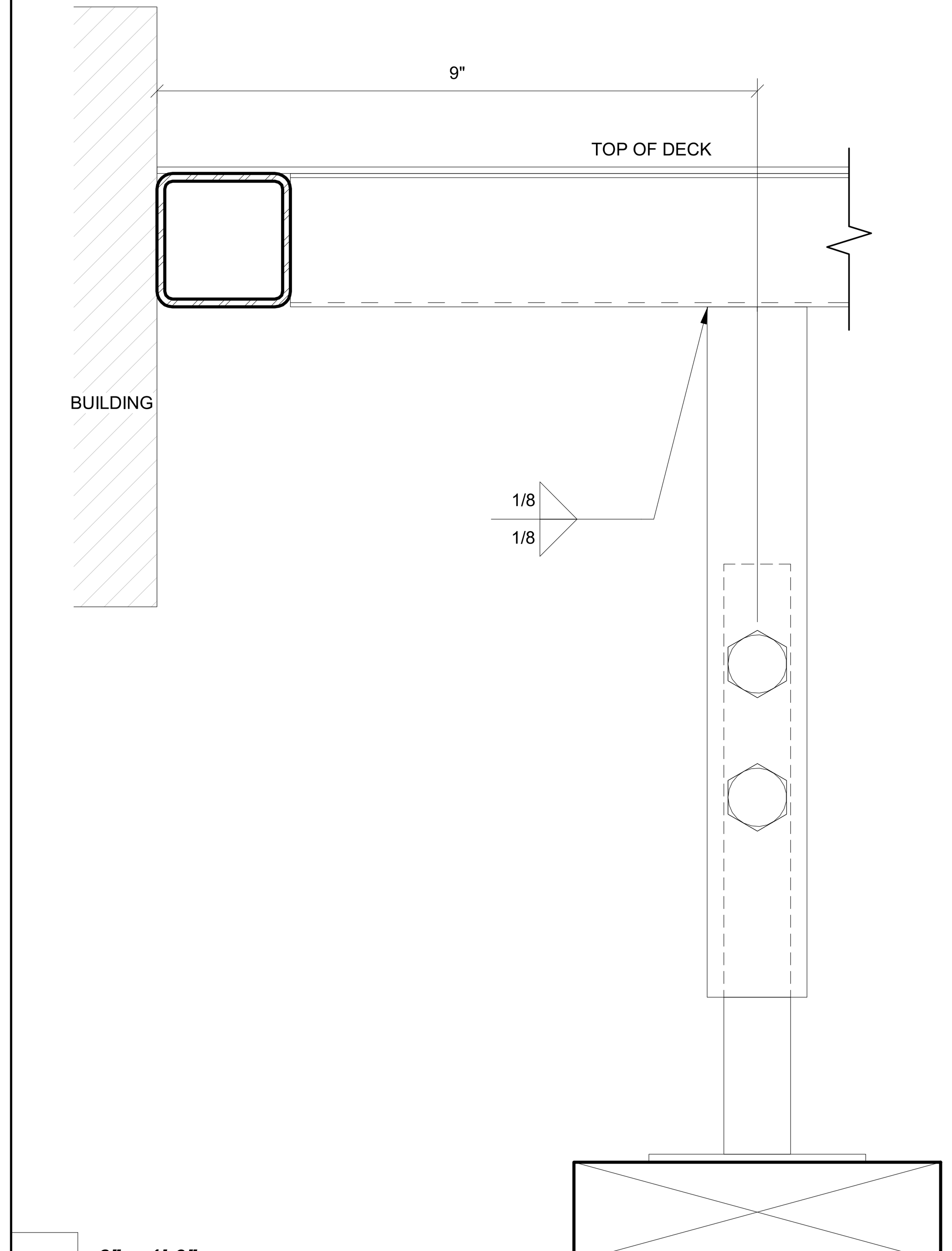
6 *6" = 1'-0"*
Ramp @ Landing



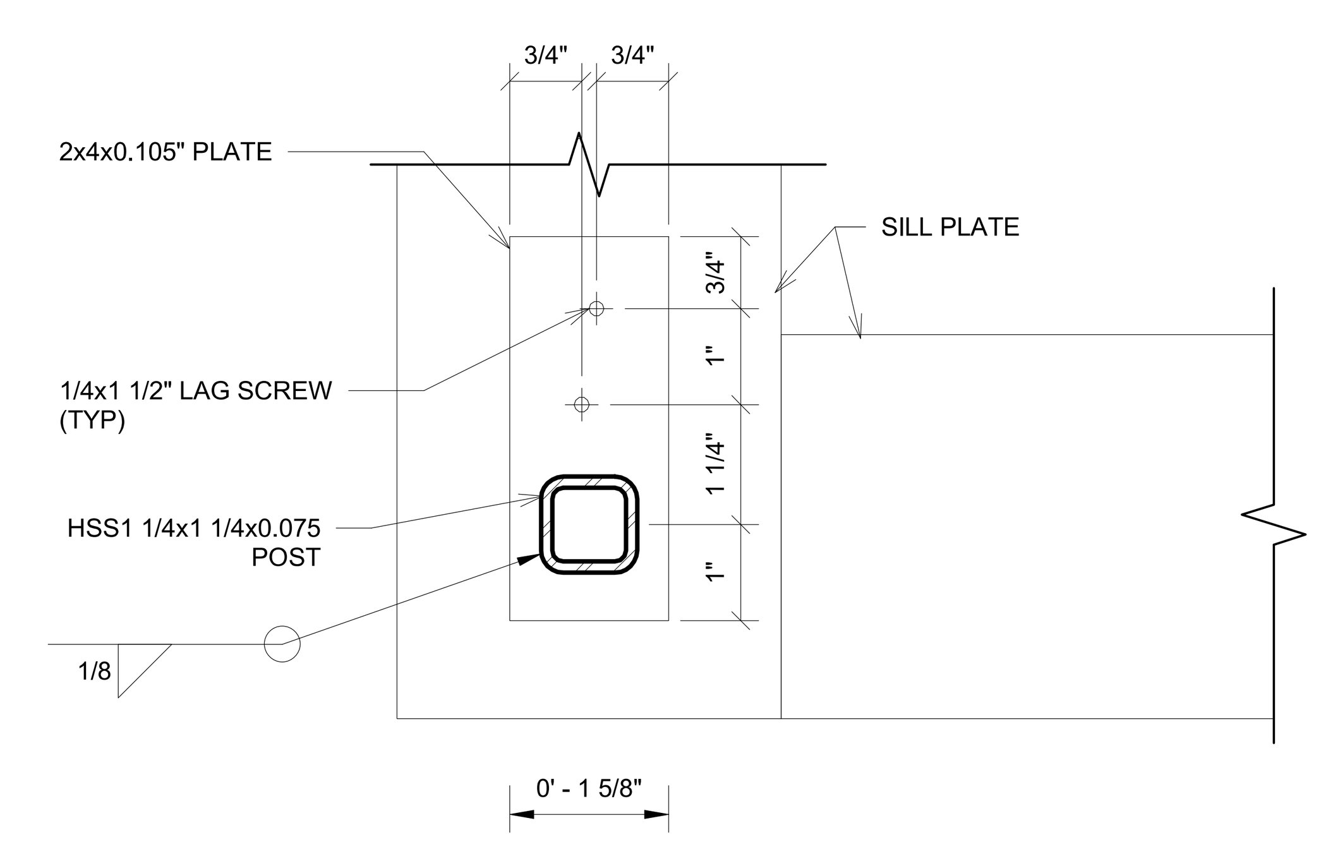
3 *6" = 1'-0"*
Skirt Flashing @ Sill Plate



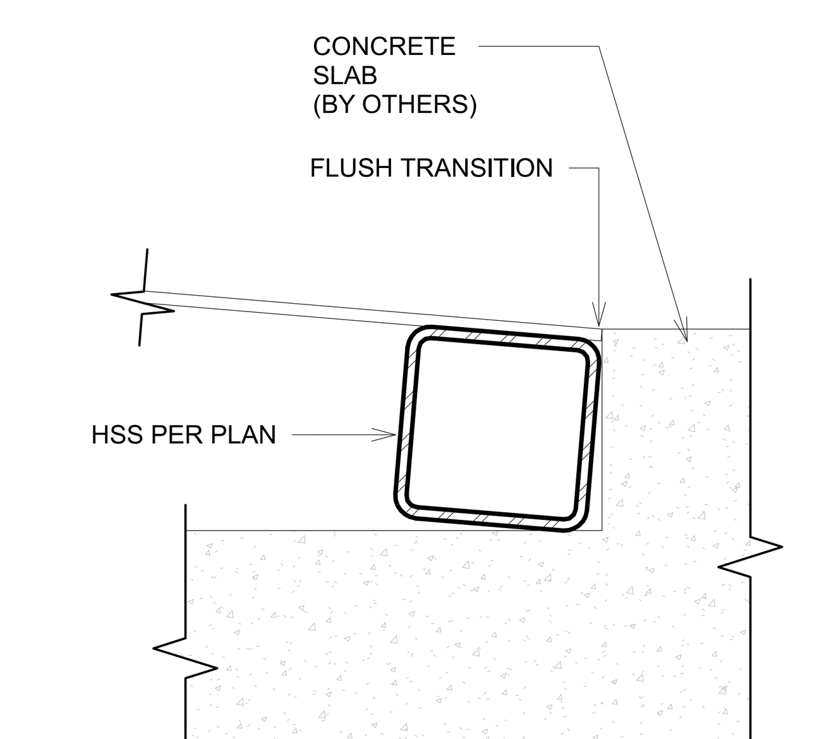
5 *6" = 1'-0"*
Ramp Extension



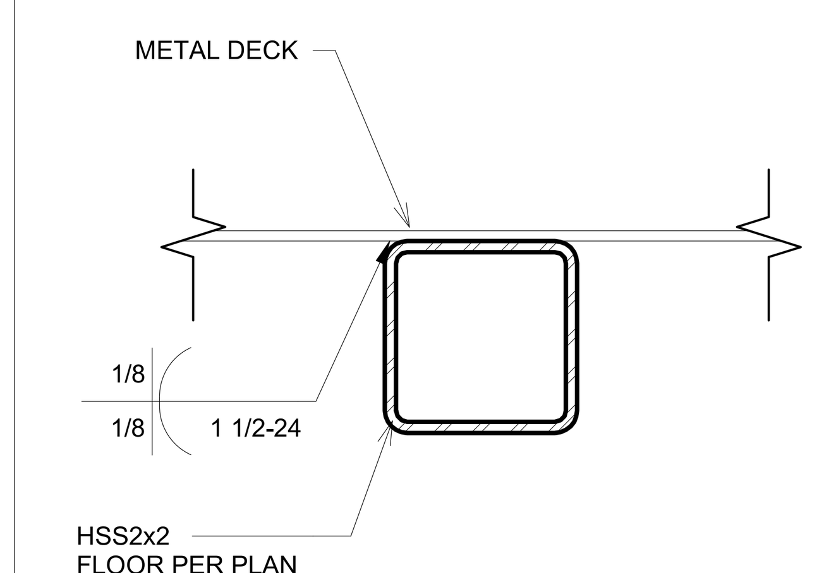
8 *6" = 1'-0"*
Interior Landing Leg Section



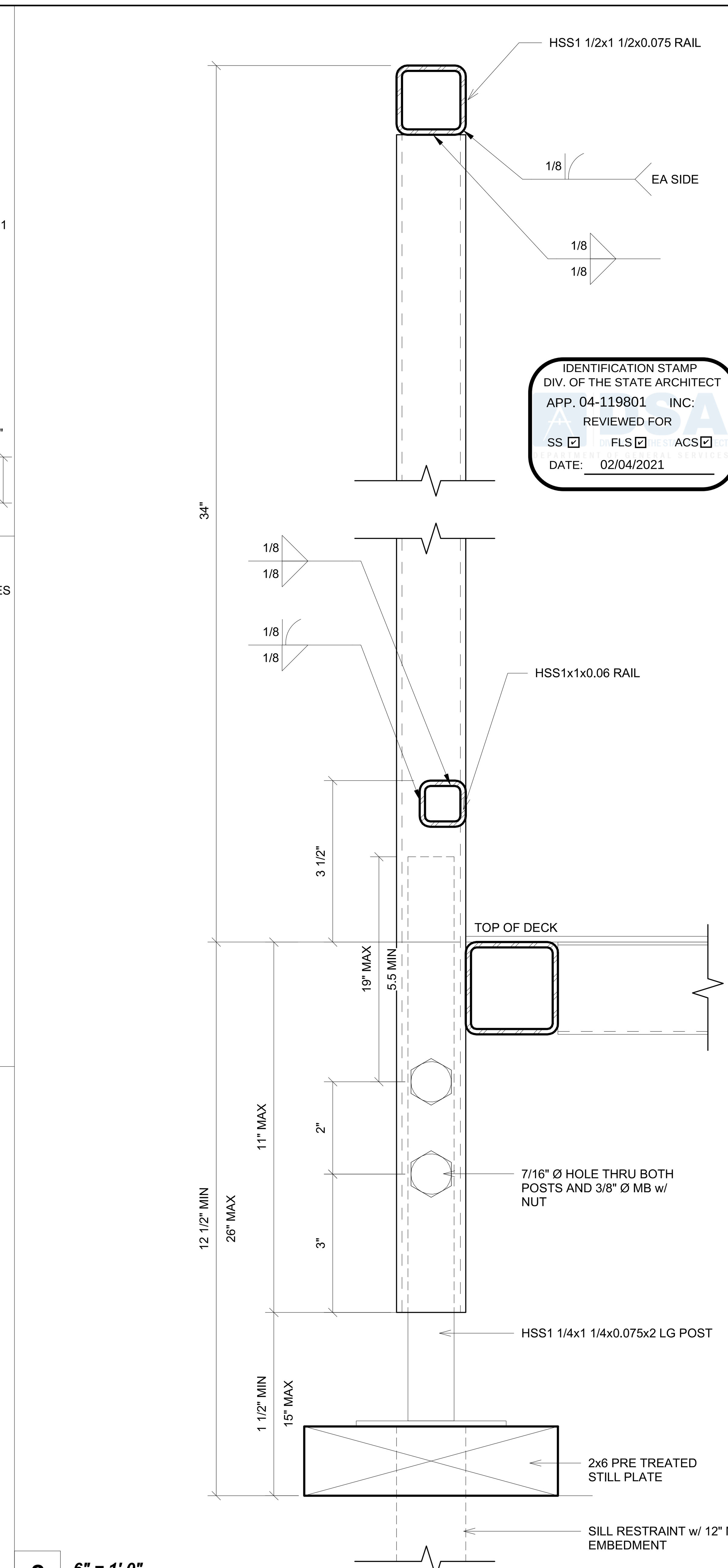
3b *6" = 1'-0"*
Adjustable Leg Base Plate



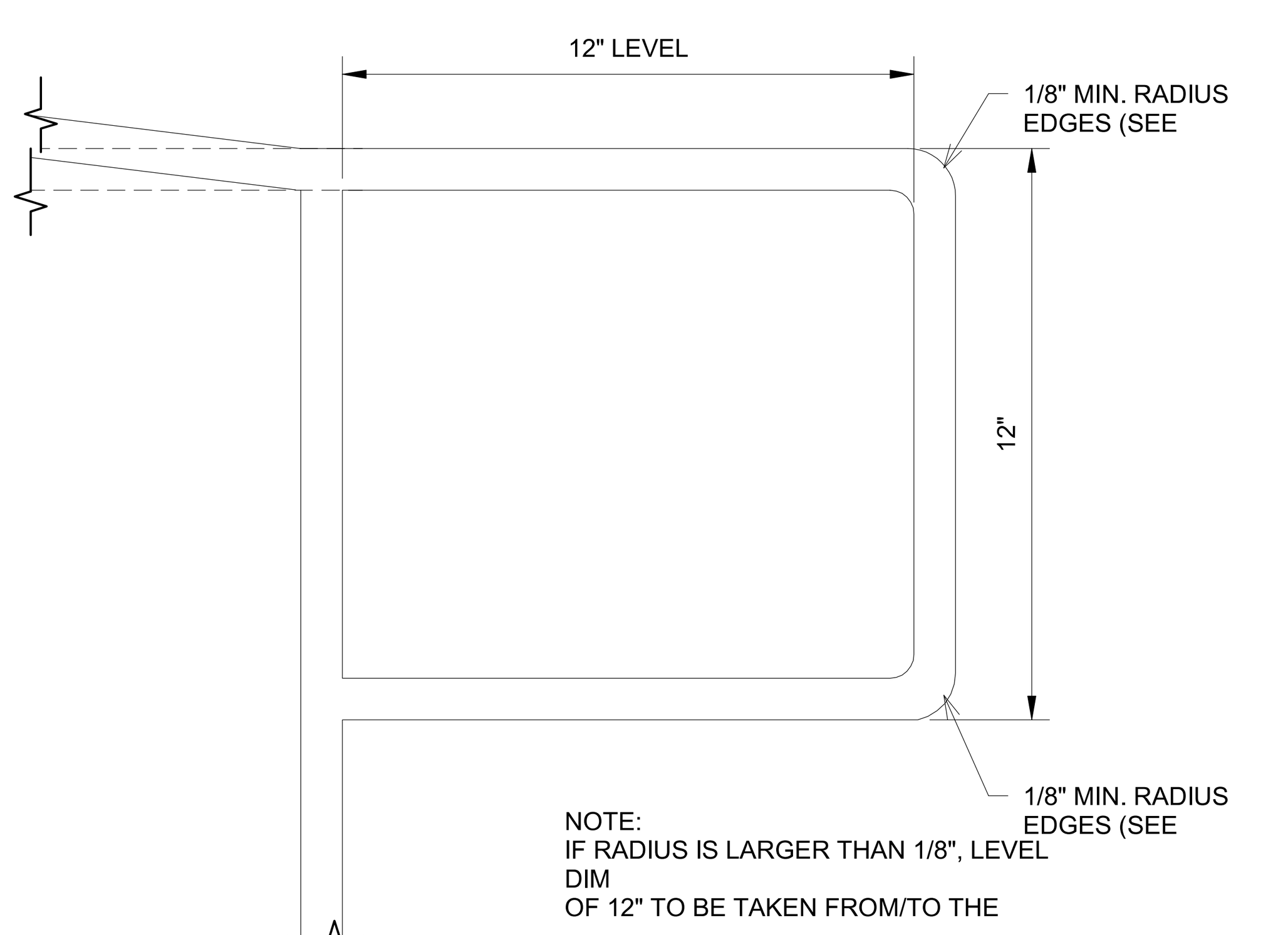
10 *6" = 1'-0"*
Flush Transition @ Bottom of Ramp



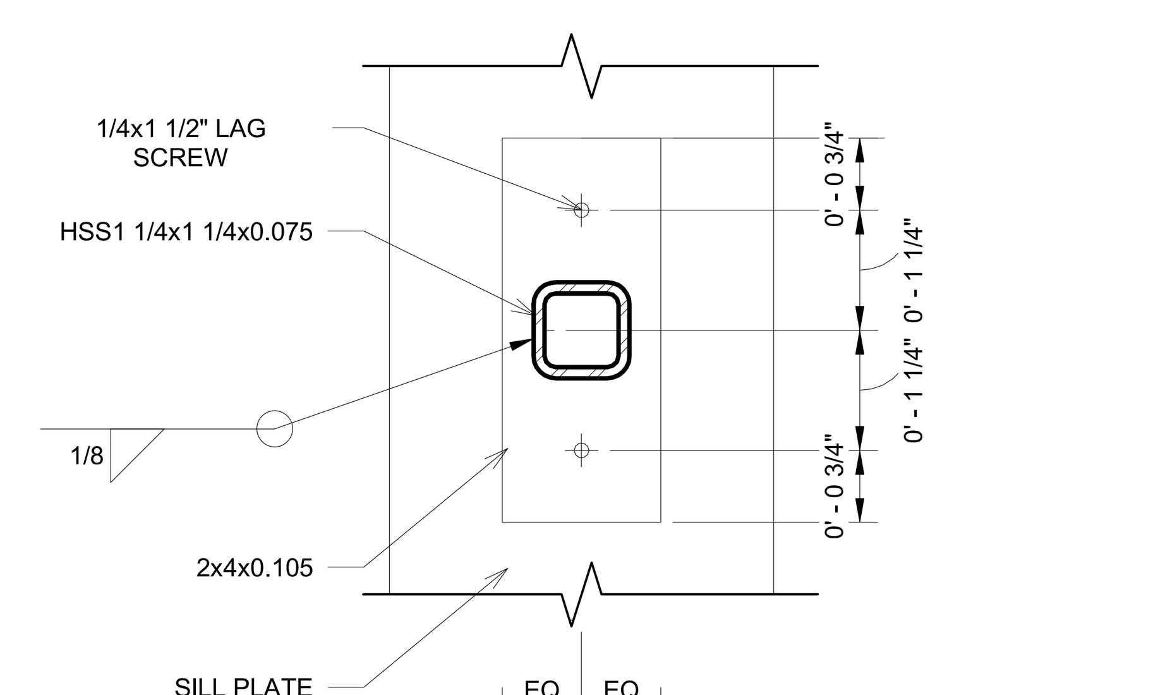
1 *6" = 1'-0"*
Deck to Frame



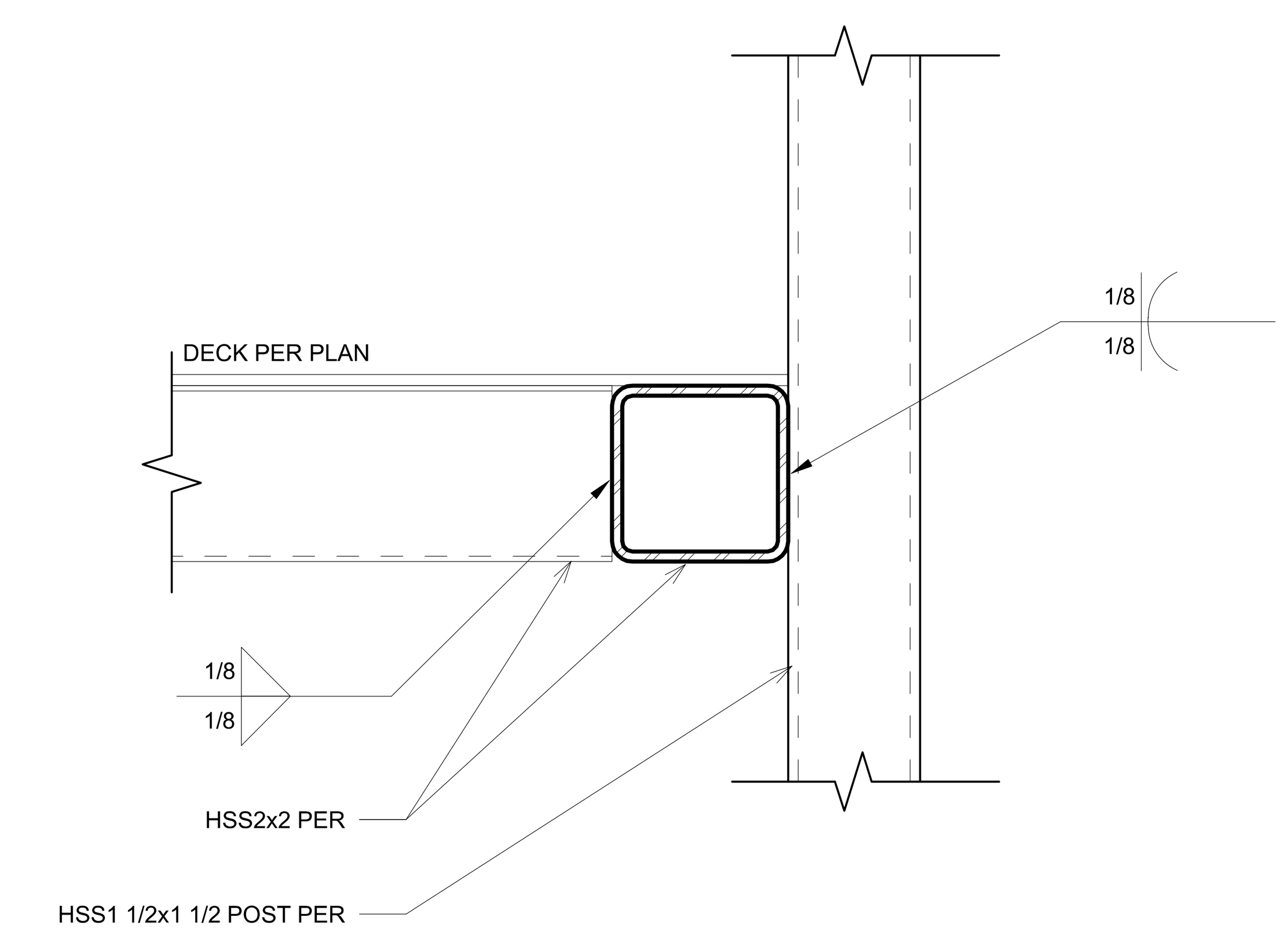
2 *6" = 1'-0"*
Adjustable Leg



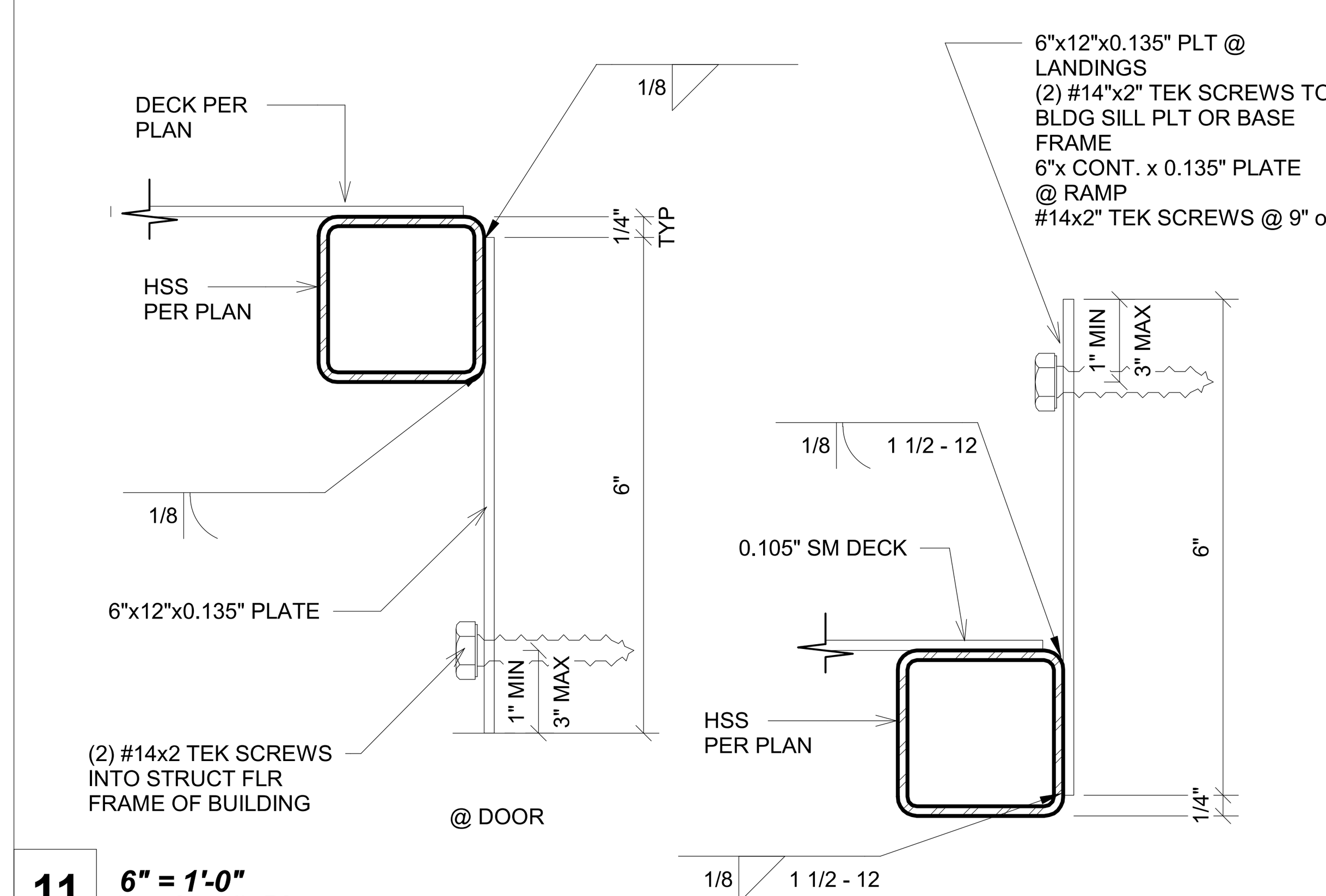
7 *3" = 1'-0"*
Extend Handrail @ Top or Bott. Ends



3a *6" = 1'-0"*
Adjustable Leg Plate



4 *6" = 1'-0"*
Guardrail post Attachment



11 *6" = 1'-0"*
Section @ Plate

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12/19/2017

CLIENT

CLASS LEASING LLC
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ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
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04 - 116504 INCR: 0
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DATE 07/19/2018

PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY

Revision Schedule

#	Description	Date

SHEET TITLE
Ramp Details

PROJECT NUMBER
17016A

DRAWN BY
SM

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rMc

DATE
05/04/2017

SHEET NO.
SR5-7

SHEET OF

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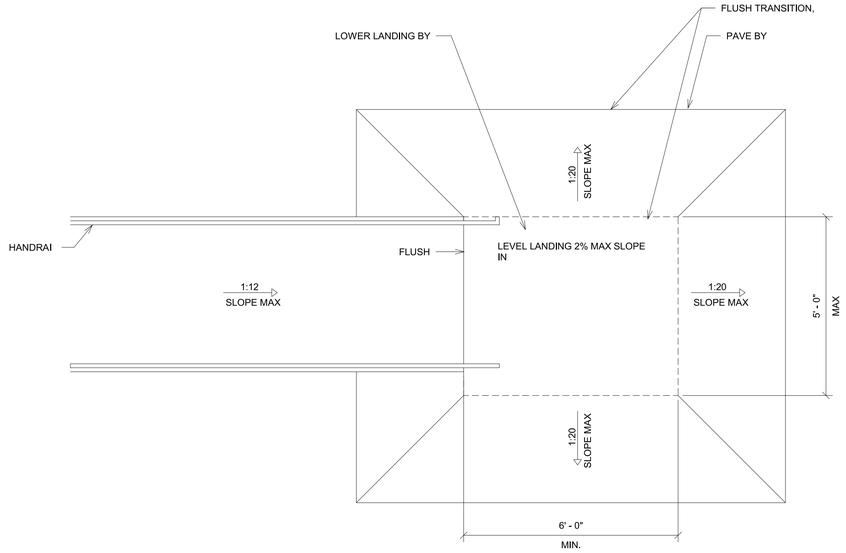
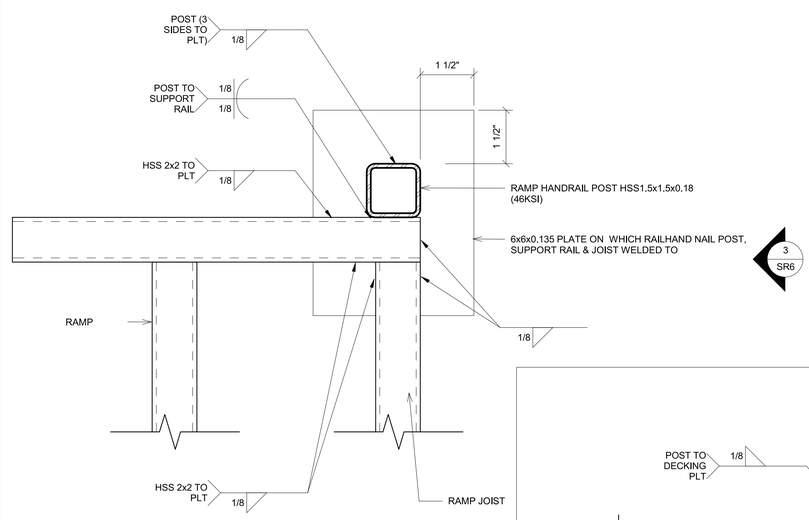
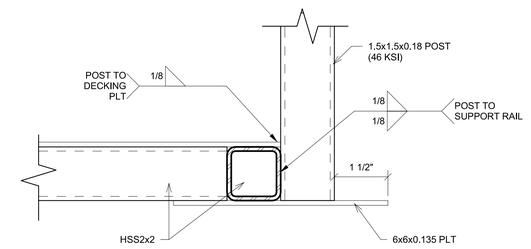


NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMOSTRATE ACCESSIBLE RAMP)

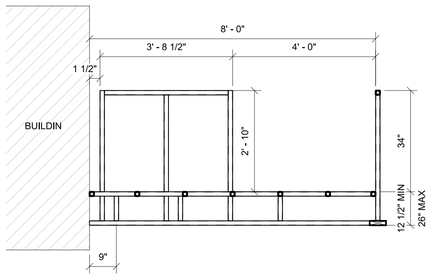
7 *1/2" = 1'-0"*
Ramp Transition



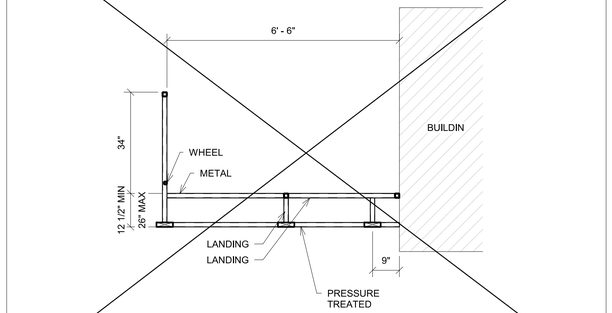
2 *6" = 1'-0"*
Base Plt @ Ramp Toe For Zero Transition



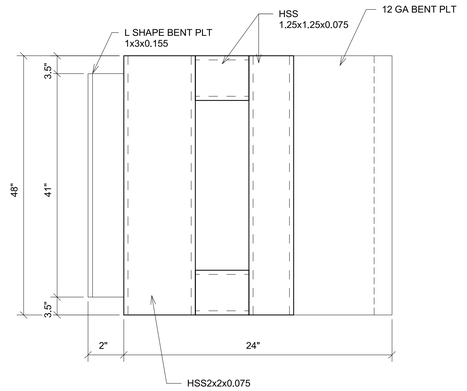
3 *6" = 1'-0"*
Base Plt @ Ramp Toe Low Zero Side View



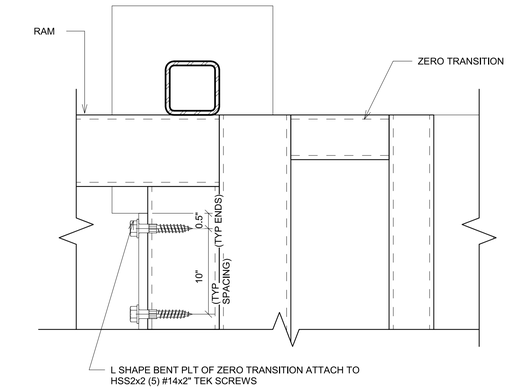
8 *1/2" = 1'-0"*
Section @ Landing



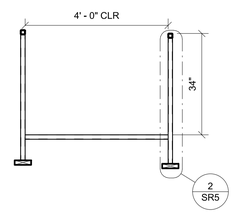
9 *1/2" = 1'-0"*
Section @ Landing Copy 1



4 *6" = 1'-0"*
Top View Ramp Zero Transition

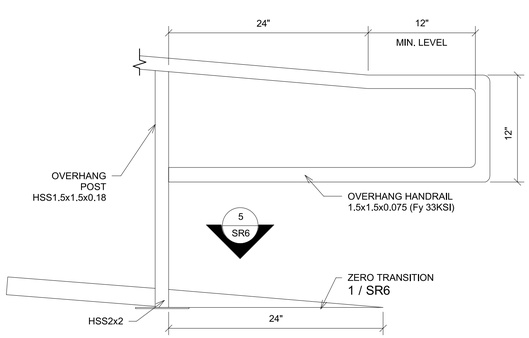


5 *6" = 1'-0"*
Zero Transition Ramp Connection



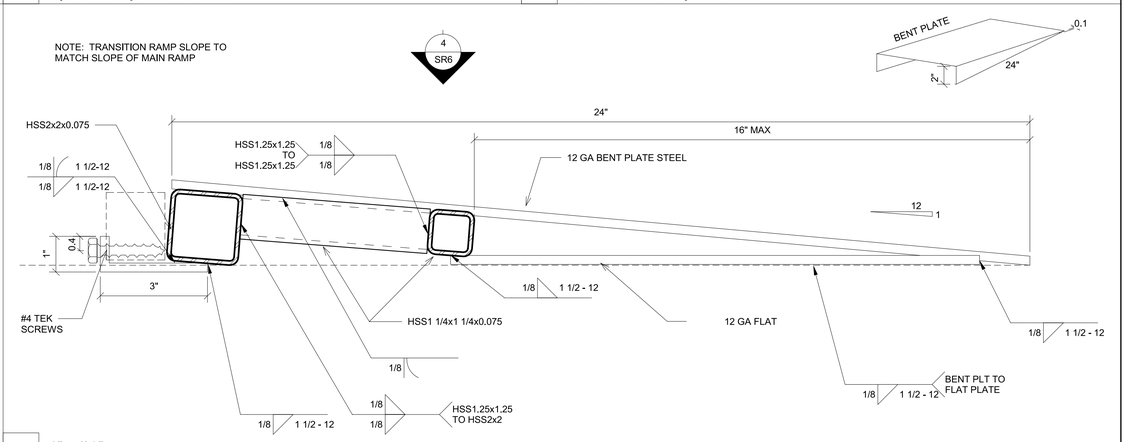
10 *1/2" = 1'-0"*
Section @ Ramp

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



6 *1 1/2" = 1'-0"*
Extend Handrail @ Bottom End For Zero Transition Ramp

NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP



1 *6" = 1'-0"*
Zero Transition Ramp

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APP. 04-119801 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 02/04/2021

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REGISTERED PROFESSIONAL ENGINEER MANNY D. FRIAS C-54380 STRUCTURAL STATE OF CALIFORNIA

12/19/2017

CLIENT

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1221 Harley Knox Boulevard

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

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PROJECT TITLE
RAMPS PC

PRE-CHECK (PC) DOCUMENT
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rMc

DATE
05/04/2017

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SR6-7

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