IMPERIAL VALLEY COLLEGE IVC - SCHOOL OF NURSING

05.25.2021

SCHOOL OF NURSING 380 E ATEN ROAD IMPERIAL, CA 92251

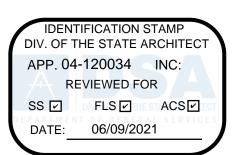
GENSLER PROJECT NUMBER: 055.7853.000

DSA SUBMITTAL - BACKCHECK

IMPERIAL VALLEY COLLEGE SCHOOL OF NURSING 380 E ATEN ROAD IMPERIAL, CA 92251



225 Broadway Suite 100 San Diego, CA 92101 **United States**



Tel 619.557.2500 Fax 619.557.2520



CENEDAL NOTES

	CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR AND HAS CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES,
	SEQUENCES, AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK. INTENT OF CONTRACT DOCUMENTS.
•	THE INTENT OF THE CONTRACT DOCUMENTS IS TO ALLOW FOR THE PERFORMANCE OF THE WORK. EVERY ITEM NECESSARILY REQUIRED MAY NOT BE SPECIFICALLY MENTIONED OR SHOWN. UNLESS EXPRESSLY STATED, ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETED
	AND APPROPRIATELY OPERABLE. FURNISH AND INSTALL ALL SPECIFIED AND APPROPRIATE ITEMS, AND ALL INCIDENTAL, ACCESSORY, AND OTHER ITEMS NOT SPECIFIED BUT REQUIRED FOR A COMPLETE AND FINISHED ASSEMBLY.
I	DEFECTIVE WORK.
1	NO WORK DEFECTIVE IN WORKMANSHIP OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF THE CONTRACT DOCUMENTS WILL BE ACCEPTABLE DESPITE THE ARCHITECT'S FAILURE TO DISCOVER OR POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION.
•	DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GUARANTEES SHALL BE REPLACED BY WORK CONFORMING TO THE INTENT THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPEI MATERIALS.
	FIREPROOFING.
	PATCH AND REPAIR ALL FIREPROOFING DAMAGE INCURRED DURING DEMOLITION AND/OR CONSTRUCTION. FIREPROOF AS REQUIRED BY CODE ALL NEW PENETRATIONS GENERATED BY THE WORK DESCRIBED IN THESE DOCUMENTS.
	AS-BUILT DRAWINGS. DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATIONS OF CONSTRUCTION ITEMS DENOTED IN THE CONSTRUCTION DOCUMENTS
	SHALL BE INDICATED TO SCALE IN CONTRASTING INK ON THE DRAWINGS FOR ALL RUNS OF MECHANICAL, SPRINKLER, PLUMBING, AND ELECTRICAL WORK; INCLUDING SITE UTILITIES AND CONCEALED DEVIATIONS FROM THE DRAWINGS. UPON COMPLETION OF THE PROJECT THE ARCHITECT WILL PROVIDE THE CONTRACTOR WITH A REPRODUCIBLE SET OF ORIGINAL DOCUMENTS FOR "AS-BUILT" DOCUMENTATIC THIS SET SHALL BE CONSPICUOUSLY MARKED "AS-BUILTS" AND DELIVERED TO THE ARCHITECT.
(CONTRACTOR RESPONSIBILITY.
;	IT IS INTENDED THAT THE CONTRACTOR PROVIDE A COMPLETE JOB AND ANY OMISSIONS IN THESE NOTES OR IN THE OUTLINE OF WORK SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR OF SUCH RESPONSIBILITIES IMPLIED BY SCOPE OF WORK EXCEPT FOR ITEN REFERENCES AN A NOTED
	SPECIFICALLY NOTED. UNENFORCEABLE WORK.
	SHOULD ANY PORTION OF THE CONTRACT DOCUMENTS PROVE TO BE, FOR WHATEVER REASONS, UNENFORCEABLE, SUCH UNENFORCEABILITY SHALL NOT EXTEND TO THE REMAINDER OF THE CONTRACT NOR SHALL IT VOID ANY OTHER PROVISIONS OF THE CONTRACT.
•	LIENS. THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL REFRAIN FROM ACTIONS THAT COULD LEAD TO THE FILING OF
	CLAIMS OF LIEN BY SUBCONTRACTORS, SUPPLIERS OF MATERIALS, LABOR, SERVICE, EQUIPMENT, OR ANY OTHER INDIVIDUAL OR COMPAI SO ENTITLED UNDER GOVERNING LAWS AND REGULATIONS, UNLESS REASONABLE AND JUSTIFIABLE CAUSE CAN BE SHOWN. APPROVAL
	FOR PAYMENT SHALL BE CONTINGENT UPON THE CONTRACTOR'S OBTAINING AND FURNISHING TO THE ARCHITECT SIGNED RELEASES FR SUCH INDIVIDUALS OR COMPANIES.
	COORDINATION OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REVIEW AND VERIFICATION OF CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS F(
	ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR SHALL SUBMIT THEM IN WRITING TO THE ARCHITEC
1	AND IS RESPONSIBLE FOR OBTAINING A WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION, RELATED WORK.
	WORK SHOULD COMPLY WITH APPLICABLE CODES.
	EXECUTE WORK IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, MANUFACTURER'S RECOMMENDATIONS, AND TRADE AND REFERENCE STANDARDS, INCLUDING BUT NOT LIMITED TO: FEDERAL, STATE, LOCAL/MUNICIPAL
	CODES, IBC, UBC, SEISMIC CODES, NEC, NFPA, ASMC, AND UMC (LATEST ENFORCED EDITIONS). DIMENSIONS.
	DO NOT SCALE DRAWINGS; DIMENSIONS SHALL GOVERN. DETAILS SHALL GOVERN OVER PLANS AND ELEVATIONS. LARGE SCALE DETAILS SHALL GOVERN OVER SMALL SCALE DETAILS. WRITTEN SPECIFICATIONS SHALL GOVERN OVER ALL.
(CLARIFICATIONS. CLARIFY ALL DISCREPANCIES RELATIVE TO CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND FIELD CONDITIONS PRIOR TO SUBMITTING
	BIDS AND COMMENCING WORK.
•	SUBSTITUTIONS. THERE SHALL BE NO SUBSTITUTION OF MATERIALS WHERE A MANUFACTURER IS SPECIFIED. WHERE THE TERM "OR EQUAL" IS USED, THE ARCHITECT ALONE SHALL DETERMINE FOLIALITY PASED UPON INFORMATION SUBMITTED BY THE CONTRACTOR. CLEARLY IDENTIFIED AS
'	ARCHITECT ALONE SHALL DETERMINE EQUALITY BASED UPON INFORMATION SUBMITTED BY THE CONTRACTOR, CLEARLY IDENTIFIED AS / "REQUEST FOR SUBSTITUTION". CONTRACTOR SHALL ALSO LIST CREDIT TO THE CLIENT FOR USE OF SUBSTITUTION.
	DRAWING DISTRIBUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISTRIBUTION OF DRAWINGS TO ALL TRADES UNDER THEIR JURISDICTION.
	CHANGES IN THE WORK. DO NOT PROCEED WITH ANY WORK REQUIRING ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN
	AUTHORIZATION FROM THE OWNER. FAILURE TO OBTAIN AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR EXTRA COMPENSATION.
1	EXISTING WORK. ALL INSTALLED PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT SHALL OPERATE QUIETLY AND FREE OF VIBRATION.
	PUNCH LIST. UPON COMPLETION OF THE WORK BY THE CONTRACTOR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF SUCH
(COMPLETION. THE ARCHITECT SHALL ATTEND THE PUNCH LIST WALK THROUGH CONDUCTED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL PREPARE AND DISTRIBUTE A LIST OF ITEMS TO BE FINISHED OR COMPLETED PRIOR TO THIS WALK THROU
	THE GENERAL CONTRACTOR SHALL TAKE NOTES AND PREPARE A LIST OF FINAL PUNCH ITEMS TO BE COMPLETED OR CORRECTED AS A RESULT OF THIS WALK THROUGH. THIS PUNCH LIST IS TO BE PROMPTLY DISTRIBUTED BY THE GENERAL CONTRACTOR TO THE TENANT,
	OWNER AND ARCHITECT. MATERIALS.
	ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT, UNLESS NOTED OTHERWISE. MANUFACTURE MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS, UNLESS NOTED
(OTHERWISE. INSURANCE.
•	THE CONTRACTOR AND SUBCONTRACTORS SHALL PURCHASE AND MAINTAIN CERTIFICATIONS OF INSURANCE WITH RESPECT TO WORKE COMPENSATION, PUBLIC LIABILITY, AND PROPERTY DAMAGE FOR THE LIMITS AS REQUIRED BY LAW, IN ADDITION TO THE TERMS OF THE
(OWNER'S CONTRACT, WHICHEVER IS GREATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
	EXISTING TENANTS.
(COORDINATE ALL WORK WITH BUILDING OWNER SO AS NOT TO DISTURB OR CAUSE DAMAGE TO ANY TENANT COORDINATION.
1	VERIFY IN THE FIELD THAT NO CONFLICTS EXIST WHICH WOULD PROHIBIT THE LOCATION OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT (TO INCLUDE ALL REQUIRED PIPING, DUCTWORK, AND CONDUIT), AND TH
1	ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE EQUIPMENT ARE PROVIDED.
	PROTECTION OF EXISTING WORK. PROVIDE PROTECTION TO ALL EXISTING FINISHES IN ALL SPACES WITHIN OR ADJACENT TO THE SCOPE OF WORK AND THE TENANT'S SPA(THE CONTRACTOR SHALL PATCH, REFINISH, AND REPAIR ANY DAMAGE CAUSED BY HIM OR HIS SUBCONTRACTORS. MATCH EXISTING
1	ADJACENT FINISH, OR AS NOTED HEREIN.
(EXISTING DEFECTS. CORRECT ANY DEFECTS FOUND IN EXISTING BUILDING CONSTRUCTION WHICH AFFECTS THE SCOPE OF WORK. THIS INCLUDES BUT IS NO LIMITED TO LINEVEN SUBFACES AND FINISHES AT CYPSUM BOARD OD DAMAGED FIDERDOOFING. DATCH AND DEDAID SUBFACES TO MATC
1	LIMITED TO UNEVEN SURFACES AND FINISHES AT GYPSUM BOARD OR DAMAGED FIREPROOFING. PATCH AND REPAIR SURFACES TO MATC ADJACENT, ADJOINING SURFACES.
•	TERMINOLOGY. TYPICAL OR TYP MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE. SIMILAR OR SIM MEANS COMPARABLE
	CHARACTERISTICS TO THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN. VERIFY OR VER MEANS TO ASCERTAIN A CONFIRM APPLICATION WITH ARCHITECT.
	FURNITURE. FURNITURE SHOWN IS FOR REFERENCE ONLY AND INSTALLED BY OTHERS, UNLESS NOTED OTHERWISE.
	FILE CABINETS.
	FILE CABINETS, AS SHOWN ON DRAWINGS, ARE SUPPLIED BY OTHERS. COORDINATE FILE SIZE(S) WITH FURNITURE INSTALLER FOR REQUIRED CLEARANCES.
	CLEANING. PROVIDE STRICT CONTROL OF JOB CLEANING AND PREVENT DUST AND DEBRIS FROM MIGRATING FROM CONSTRUCTION AREA.
	ADJACENT SPACES. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING OF ACCESS INTO ADJACENT TENANT SPACES WITH THE BUILDING MANAGEMEN
1	AS REQUIRED FOR PRICING AND EXECUTION OF THE WORK. EXISTING CONDITIONS.
(EXISTING CONDITIONS. CONTRACTOR SHALL THOROUGHLY EXAMINE THE PREMISES AND SHALL BASE HIS BID ON THE EXISTING CONDITIONS, NOTWITHSTANDING ANY INFORMATION SHOWN OR NOT INDICATED ON THE CONTRACT DOCUMENTS.
(CONTRACT DOCUMENTS.
	ALL CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY ANY WILL BE AS BINDING AS IF CALLED FOR BY ALL. ALI WORK SHOWN OR REFERRED TO ON ANY CONTRACT DOCUMENT SHALL BE PROVIDED AS THOUGH THEY ARE ON ALL RELATED DOCUMEN
	CONTRACTOR RESPONSIBILITY TO NOTIFY ARCHITECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY CONFLICTS HEREIN - EITHER APPARENT OR
(OBVIOUS - PRIOR TO THE START OF NEW WORK ON THAT ITEM, OR BEAR THE RESPONSIBILITY OF CORRECTING SUCH WORK AS DIRECTED BY THE ARCHITECT.
I	DUPLICATION OF DOCUMENTS. ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT/OWNER AND TI
;	SAME MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/OWNER.
	DETAIL REFERENCE. REFER TO DETAIL SHEETS SERIES FOR DETAILS NOT CROSS REFERENCED FOR ALL THE CONDITIONS OF PENETRATION THROUGH FIRE
	RATED ASSEMBLIES AND ACOUSTICAL PARTITIONS. EXISTING PENETRATIONS.
	ALL PENETRATIONS TO THE FLOOR/CEILING ASSEMBLY SHALL BE GROUTED SOLID WITH A QUICK-SET CONCRETE FILLER. THE SLAB BETWEEN THE MECHANICAL EQUIPMENT ROOM AND THE TENANT SPACE SHALL BE ACOUSTICALLY SEALED AIRTIGHT.
	SHOP DRAWINGS AND SUBMITTALS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW ALL SUBMITTALS AND SHOP DRAWINGS FOR APPROPRIATENESS AI
(TO STHE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW ALL SUBMITTALS AND SHOP DRAWINGS FOR APPROPRIATENESS AN COMPLIANCE WITH THE CONTRACT DOCUMENTS PRIOR TO SENDING SHOP DRAWINGS TO THE ARCHITECT OR ENGINEER FOR REVIEW. A STAMP OR STATEMENT TESTIFYING THE CONTRACTOR HAS REVIEWED THE SHOP DRAWINGS, INCLUDING THE DATE REVIEWED, MUST BE
	AFFIXED TO THE FIRST PAGE OF EACH SUBMITTAL.
	IF ANY WORK IS PERFORMED PRIOR TO PROPER CLARIFICATION, CONTRACTOR SHALL CORRECT CONFLICTING WORK AT CONTRACTORS

HAZARDOUS MATERIALS NOTES

- 1 OWNER ACKNOWLEDGES THAT ARCHITECT SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE HANDLING, REMOVAL, DISPOSAL, OR EXPOSURE OF PERSONS TO HAZARDOUS SUBSTANCES, MATERIALS, AND WASTES IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO: ASBESTOS, ASBESTOS PRODUCTS, PCB MOLD, OR OTHER TOXIC SUBSTANCES.
- 2 THE OWNER ACKNOWLEDGES THAT IT ACCEPTS RESPONSIBILITY FOR NOTIFYING THE APPROPRIATE FEDERAL, STATE, AND AUTHORITIES HAVING JURISDICTION FOR ANY DEMOLITION, CONSTRUCTION, OR
- REPAIR WORK. 3 ANY QUESTIONS THAT ARISE RELATED TO ASBESTOS SHALL BE REFERRED TO THE OWNER FOR RESOLUTION. GENSLER SHALL NOT BE REQUIRED TO DO ANY WORK NO RENDER ANY OPINIONS RELATED TO ASBESTOS.
- 4 THE OWNER SHALL RETAIN AN INDEPENDENT CONSULTANT WHO IS TRAINED AND EXPERIENCED IN IDENTIFICATION AND SURVEY OR EXISTING SITES PRIOR TO START OF DEMOLITION CONSTRUCTION.
- 5 ALL CONTRACTORS AND SUBCONTRACTORS SHALL REPORT THE PRESENCE OF ANY MATERIAL OR ASSEMBLY SUSPECTED TO CONTAIN ASBESTOS UPON DISCOVERY. THE WORK SHALL BE CARRIED OUT PER THE CONSULTANTS RECOMMENDATIONS.

STATEMENT OF SPECIAL INSPECTIONS

- 1 NOTICE TO THE APPLICANT/OWNER/OWNER'S AGENT/ARCHITECT OR ENGINEER OF RECORD: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY HAVING JURSIDICTION FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
- NOTICE TO THE CONTRACTOR/BUILDER/INSTALLER/SUB-CONTRACTOR/OWNER-BUILDER: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF, THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING, AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
- 3 THE SPECIAL INSPECTOR MUST BE REGISTERED BY THE CITY HAVING JURISDICTION, DEVELOPMENT SERVICES, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
- 4 THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE CITY HAVING JURISDICTION FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND, EQUIPMENT. THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY A CITY'S BUILDING INSPECTOR. SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE
- INSPECTIONS REQUIRED TO BE PERFORMED BY A CITY'S BUILDING INSPECTOR.

SPECIAL INSPECTIONS: 1. SUSPENDED CEILING FRAMING SYSTEM

A. INSTALLATION SHALL MEET REQUIREMENTS OF NOTED ICC REPORT OF MANUFACTURED SYSTEM.

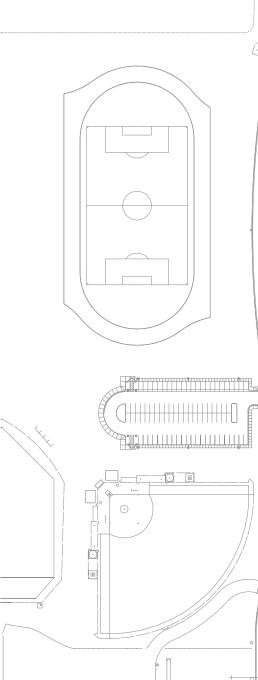
ARCHITECT OF RECORD STATEMENT

THE PROJECT ARCHITECT HAS REVIEWED THIS SET OF DOCUMENTS FOR SUBSTANTIAL / GLOBAL CONFORMANCE WITH CODE PROVISIONS PERTAINING TO TYPE OF CONSTRUCTION, REQUIRED FIRE PROTECTION / PROOFING FOR STRUCTURAL FRAMING MEMBERS, LOCATION OF THE BUILDING ON THE PROPERTY, EXTERIOR WALL AND OPENING PROTECTION, OCCUPANCIES, MOE / ACCESSIBLE MOE AS WELL AS OVERALL BUILDING AND SITE ACCESSIBILITY. THE PROJECT ARCHITECT'S RESPONSIBILITIES FOR THIS PHASE OF THE PROJECT ARE WITHIN THE SCOPE OF WORK BOUNDARIES AS IDENTIFIED WITHIN THESE DOCUMENTS.

STATEMENT OF GENERAL CONFORMANCE

00 - General		
00 - General	G0.00	COVER
00 - General	G00.000	GENERAL PROJECT INFORMATION
00 - General	G00.100	ABBREVIATIONS
00 - General	G00.101	GRAPHIC SYMBOLS
00 - General	G00.102	GENERAL NOTES
00 - General	G00.200	ACCESS REQUIREMENTS & DETAIL
00 - General	G00.201	ACCESS COMPLIANCE
00 - General	G02.000	SITE PLAN
00 - General	G03.001	LIFE SAFETY/EGRESS PLAN - LEVEL (
00 - General: 9		
01 - Architectural		
01 - Architectural	A01.001	DEMOLITION PLAN - LEVEL 01
01 - Architectural	A02.201	CONSTRUCTION PLAN - LEVEL 01
01 - Architectural	A02.501	POWER & COMMUNICATIONS PLAN -
01 - Architectural	A02.601	REFLECTED CEILING PLAN - LEVEL 0
01 - Architectural	A02.701	FINISH PLAN - LEVEL 01
01 - Architectural	A03.100	RESTROOM PLANS
01 - Architectural	A07.100	INTERIOR ELEVATIONS
01 - Architectural	A08.200	DETAILS - TRANSITION
01 - Architectural	A08.500	DETAILS - MILLWORK
01 - Architectural	A08.600	DETAILS - CEILING
01 - Architectural	A09.100	PARTITION TYPES & DETAILS
01 - Architectural	A09.102	DETAILS
01 - Architectural	A10.100	DOOR & WINDOW SCHEDULE AND DE
01 - Architectural	A10.700	SCHEDULES
01 - Architectural: 14		SONEDOLLO
03 - Mechanical 03 - Mechanical	M00.001	MECHANICAL NOTES, LEGEND AND A
03 - Mechanical	M02.001	MECHANICAL DEMO PLAN
03 - Mechanical	M02.002	MECHANICAL FLOOR PLAN
03 - Mechanical	M03.001	MECHANICAL DETAILS
03 - Mechanical	M04.001	TITLE 24
03 - Mechanical: 5		
04 - Plumbing		
04 - Plumbing	P00.001	PLUMBING NOTES, LEGEND AND ABE
04 - Plumbing	P02.001	PLUMBING DEMO PLAN
04 - Plumbing	P02.002	PLUMBING FLOOR PLAN
04 - Plumbing	P03.001	PLUMBING DETAILS
04 - Plumbing: 4		
05 - Electrical	F00 004	
05 - Electrical	E00.001	ELECTRICAL LEGENDS & NOTES
05 - Electrical	E00.002	SINGLINE DIAGRAM & PANEL SCHEDU
05 - Electrical	E00.003	PANEL SCHEDULES
05 - Electrical	E00.004	LUMINAIRE SCHEDULES
05 - Electrical	E02.201	ELECTRICAL DEMO PLAN
05 - Electrical	E02.202	ELECTRICAL POWER PLAN
05 - Electrical	E02.301	ELECTRICAL LIIGHTING PLAN
05 - Electrical	E02.901	ELECTRICAL DETAILS
05 - Electrical	E02.902	ELECTRICAL DETAILS
05 - Electrical	E02.903	LIGHTING CONTROL DETAILS
05 - Electrical	E02.904	TITLE 24 COMPLIANCE DOCUMENTS
05 - Electrical: 11		
06 - Fire Alarm		
06 - Fire Alarm	FA02.201	FIRE ALARM PLAN
06 - Fire Alarm	FA02.201 FA02.901	FIRE ALARM PRODUCT SPECIFICATIO
06 - Fire Alarm: 2	. 7.02.001	

OVERALL CAMPUS MAP



3

DRAWING INDEX

RAL PROJECT INFORMATION VIATIONS C SYMBOLS AL NOTES S REQUIREMENTS & DETAIL S COMPLIANCE

AN AFETY/EGRESS PLAN - LEVEL 01

LITION PLAN - LEVEL 01 **FRUCTION PLAN - LEVEL 01** R & COMMUNICATIONS PLAN - LEVEL 01 CTED CEILING PLAN - LEVEL 01 H PLAN - LEVEL 01 OOM PLANS OR ELEVATIONS - TRANSITION S - MILLWORK S - CEILING ON TYPES & DETAILS WINDOW SCHEDULE AND DETAILS DULES

ANICAL NOTES, LEGEND AND ABBREVIATION ANICAL DEMO PLAN ANICAL FLOOR PLAN ANICAL DETAILS

BING NOTES, LEGEND AND ABBREVIATIONS ING DEMO PLAN ING FLOOR PLAN ING DETAILS

RICAL LEGENDS & NOTES **NE DIAGRAM & PANEL SCHEDULES** SCHEDULES AIRE SCHEDULES RICAL DEMO PLAN RICAL POWER PLAN RICAL LIIGHTING PLAN RICAL DETAILS RICAL DETAILS NG CONTROL DETAILS

ARM PLAN LARM PRODUCT SPECIFICATIONS

PROJECT TEAM

OWNER

TELEPHONE/FAX: CONTACT:

TELEPHONE/FAX:

ARCHITECT

CONTACT:

TELEPHONE/FAX: CONTACT:

GENERAL CONTRACTOR

MECHANICAL ENGINEER TELEPHONE/FAX:

CONTACT: ELECTRICAL ENGINEER

TELEPHONE/FAX: CONTACT:

PLUMBING ENGINEER

TELEPHONE/FAX: CONTACT:

IMPERIAL VALLEY COLLEGE 380 E ATEN ROAD, IMPERIAL, CA 92251 760.355.6427/

JOE JACKSON

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TBD

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ERIC GLATZL

IDS GROUP 9636 TIERRA GRANDE STREET, SUITE 200, SAN DIEGO, CA 92126 949.387.8500/ ROBIN O'NEIL

IDS GROUP 9636 TIERRA GRANDE STREET, SUITE 200, SAN DIEGO, CA 92126 949.387.8500/

ERIC GLATZL

PROJECT INFORMATION

ADDRESS: FLOOR/SUITE: AREA OF WORK: CONSTRUCTION TYPE: OCCUPANCY: NUMBER OF STORIES: 380 E ATEN ROAD IMPERIAL, CA 92251 BUILDING 2100 3,820 SF V-A A-3 & B

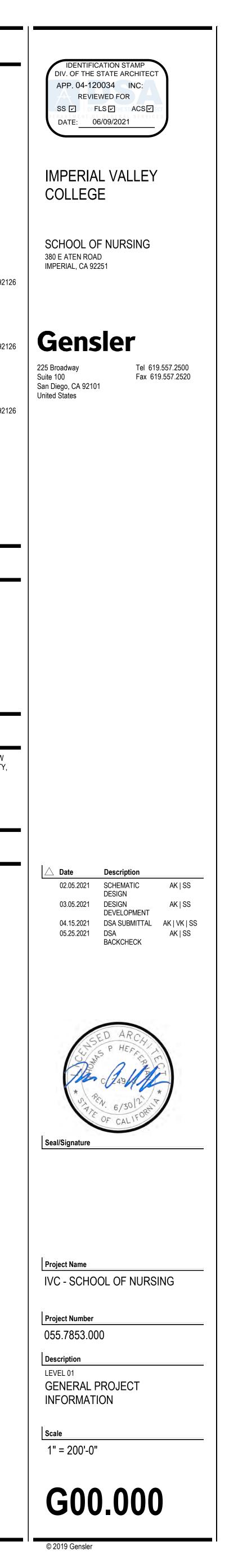
SCOPE OF WORK

1 PARTIAL FLOOR TENANT IMPROVEMENT INCLUDING SELECTIVE NON-STRUCTURAL DEMOLITION, NEW INTERIOR NON-LOAD BEARING PARTITIONS, MECHANICAL, PLUMBING, ELECTRICAL, FIRE/ LIFE-SAFETY, AND FINISHES.

2 NO NEW MECHANICAL UNITS. DUCT AND REGISTER RE-WORK ONLY NEW ELECTRICAL (LIGHTING, RECEPTACLES) AS SHOWN ON PLAN.

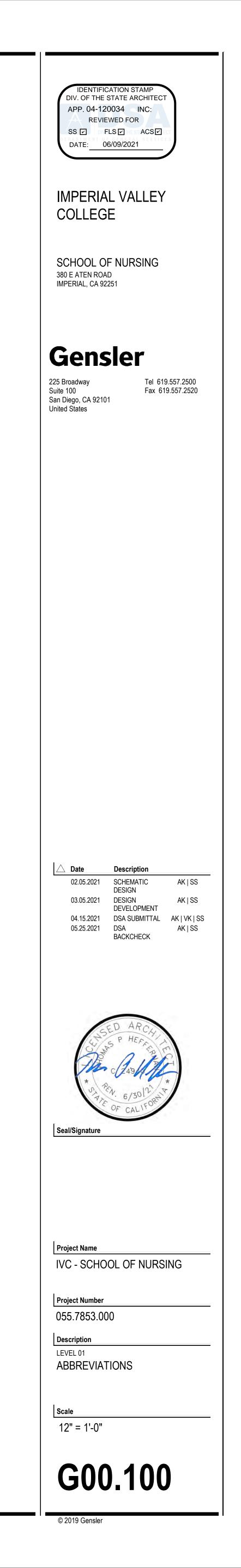
4 NO STRUCTURAL WORK

PROJECT SITE **BUILDING 2100** 2500 $\mathbb{P} = \mathbb{P} = \mathbb{P}$



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SK SLOT SLV SNT SP SPEC SPECS SPK SPL SPLR SQ SS SSD SSGS STC STD STG STGG STGG STGG STGG STGG STGG S	SINK SLOTTED SLEEVE SEALANT SOIL PIPE SPECIFICATION SPECIFICATIONS SPEAKER SPECIAL SPRINKLER SQUARE STAINLESS STEEL SUB-SOIL DRAIN SILICONE STRUCTURAL GLAZING SEALANT SOUND TRANSMISSION CLASS STANDARD SEATING STRUCTURAL GLAZING GASKET STAGGER STIFFENER STEEL STEAM STORAGE STRAIGHT (RE-BARS) STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STORM WATER SUPPLEMENTARY, SUPPLEMENT SURFACE SUSPENDED, SUSPEND SUSPENDED SWITCH SOLIARE YARD	O, O/ O TO O OA OC OD OF OFF OH OPNG OPP OPP H OPR OPP OPP H OPR ORN ORNA OSD OUT OVFL OZ P SL P. LAM PA PB PBD PCF PCPL PD PEDTR PEDTR PERF PERIM PERF PERIM PERP PKG PKWY	OVER OUT TO OUT OVERALL ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OFFICE OVERHEAD OVERHEAD OVERHEAD DOOR OPENING OPPOSITE OPPOSITE HAND OPERABLE ORNAMENTAL OPEN SIGHT DRAIN OUTLET OVERFLOW OUNCE PIPE SLEEVE PLASTIC LAMINATE PUBLIC ADDRESS PULL BOX PARTICLE BOARD POUNDS PER CUBIC FOOT PORTLAND CEMENT PLASTER PLAZA DRAIN PEDESTAL OF PEDESTRIAN PEDESTRIAN PEDESTRIAN PERFORATE PERIMETER PERPENDICULAR PARKING PARKWAY	HVY HW HWC HWD HWH HWR HWS HWY HYD HYDRO ID IN INCAND INCR INFIL INFO INSP INSTRUM INSUL INFO INSP INSTRUM INSUL INT INTERM INSUL INT INTERM INTLK IW JAN J-BOX JC JCT JST JT KG KIP KIT	HEAVY HOT WATER or HEAVY WALL HOT WATER CIRCULATING HEAVY WALL CONDUIT HARDWOOD HOT WATER HEATER HOT WATER RECIRCULATING RETURN HOT WATER SUPPLY HIGHWAY HYDRAULIC HYDROSTATIC INSIDE DIAMETER INCH INCANDESCENT INCREASE INFILTRATION INSPECT INSTRUMENT INSULATION INTERIOR or INTERNAL INTERMEDIATE INTERLOCK, INTERLOCKING INDIRECT WASTE JANITOR JUNCTION BOX JANITOR'S CLOSET JUNCTION JOIST JOINT KILOGRAM KILOPOUND (1000 POUNDS) KITCHEN	EA ECC ED EJ EJECT EL ELAST ELEC ELEV ELP EMER ENAM ENCL ENG ENT EOS EPDM EQ EQUIP ESC EST EVAP EWH EXCAV EX	EACH ECCENTRIC EMERGENCY DRAIN EXPANSION JOINT EJECTOR ELEVATION or ELEVATOR ELEVATION or ELEVATOR ELEVATOR or ELEVATION EMERGENCY LIGHTING PANEL EMERGENCY ENAMEL ENCLOSURE ENGINEER ENTRANCE EDGE OF SLAB ETHYLENE PROPYLENE DIENE MONOMER EQUAL EQUIPMENT ESCALATOR ESTIMATE EVAPORATOR ELECTRIC WATER HEATER EXISTING EXCAVATE EXECUTIVE EXISTING EXCAVATE EXISTING EXHAUST EXHAUST AIR EXISTING EXPANSION or EXPOSED EXPANSION JOINT EXPANSION EXPOSE(D) EXTERIOR EXTRUDE	ABV ACCES ACI ADDL ADJ AFF ALT ALUM AMT ANCH ANOD ANNUNC ANT APPL APPROX APRVD ARCH ASPH ASSOC ASSY AUTH AUTO AVG B TO B B/ BD BETW BEV BLDG BLK BLK BLKG	ABOVE ACCESSORY AMERICAN CONCRETE INSTITUTE ADDITIONAL ADJACENT ABOVE FINISH FLOOR ALTERNATE, ALTERATION or ALTITUDE ALUMINUM AMOUNT ANCHOR, ANCHORAGE ANODIZED ANNUNCIATOR ANTENNA APPLIANCE APPROXIMATE APPROVED ARCHITECT, ARCHITECTURAL ASPHALT ASSOCIATION, ASSOCIATE ASSEMBLY AUTHORIZED AUTOMATIC AVERAGE BACK TO BACK BOTTOM (OF) BOARD or BUILDING DEPARTMENT BEVEL BUILDING BLOCK BLOCK
	SQUARE YARD SYMMETRICAL SYNTHETIC SYSTEM TONGUE & GROOVE TOP TANGENT TOP OF CURB TRENCH DRAIN TELEPHONE TEMPORARY TERRAZZO THICK THRESHOLD THROUGH TACKBOARD TOILET TOP OF CONCRETE TOP OF CONCRETE TOP OF SLAB TOP OF SLAB TOP OF SLAB TOP OF VALL TOP OF PAVEMENT TOILET PARTITION TRAFFIC TRANSPARENT TREAD TREATED TOP OF SLAB TOP OF SLAB TOP OF STEEL THERMOSTAT TELEVISION TYPICAL	PL PLAM PLAS PLBG PLF PLMBG PLSTIC PLTF PLYWD PNEU PNEU PNEU PNEU PNT POL POLYST POT W PR PRCST PRE FAB PREFIN PRESS PRI PREFIN PRESS PRI PRESS PRI PRESS PRI PTC PTD PTC PVF PVG PVF PVG PVT PWR	PLATE PLASTIC LAMINATE PLASTER PLUMBING POUNDS PER LINEAL FOOT PLUMBING PLASTIC PLATFORM PLYWOOD PNEUMATIC PANEL PAINT POLISH, POLISHED POLYSTYRENE PORTABLE POTABLE WATER PAIR PRECAST PREFINISHED PREFABRICATED PREFINISHED PRESSURE PRIMARY PARTITION POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PAINT POST-TENSIONED CONCRETE PAINTED PARTITION POLYVINYL CHLORIDE POLYVINYL CHLORIDE POLYVINYL CHLORIDE POLYVINYL DENE FINISH PAVING PAVEMENT PRIVATE POWER	KM KO KPL KVA KW KWH LA LAB LAD LAM LAT LAV LB LBL LBR LCD LD LH LBR LCD LD LH LIB LIN LINO LIQ LI LNTL LOC LOCS LP LT LT WT LTG LV LVLG LVR LWC M MACH MAINT	KILOMETER KNOCKOUT KICKPLATE KILOVOLT-AMPERE KILOWATT KILOWATT HOUR LANDSCAPE ARCHITECT LABORATORY, LABOR LADDER LAMINATE, LAMINATED LATERAL LAVATORY POUND (WEIGHT) LABEL LUMBER LIQUID CRYSTAL DIODE LEADER DRAIN LEFT HAND LIBRARY LINEAR LINOLEUM LIQUID LIVE LOAD LENGTH LANDING LINTEL LOCATE LOCATE LOCATE LOCATIONS LOW POINT LIGHT LIGHTWEIGHT LIGHTWEIGHT LIGHTWEIGHT CONCRETE LOUVER LIGHT WEIGHT CONCRETE	EXTR F FA FAB FAR FAR FAST FC FD FDC FDC FDTN FE FEC FF&E FGR FHC FH FLASH FLASH FLASH FLASH FLASH FLQ FLR FLASH FLQ FLR FLO FDC FDC FDC	EXTRUDE DEGREES FAHRENHEIT FIRE ALARM or FRESH AIR FABRICATE, FABRICATION FLOOR AREA RATIO FASTENER or FASTEN FOOT CANDLE FLOOR DRAIN or FIRE DEPARTMENT FIRE DEPARTMENT CONNECTION FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE ALARS REINFORCED FIRE HOSE CABINET FIRE HOSE CABINET FIRE HYDRANT FINISH, FINISHED FIXTURE FLOOR or FIRE LINE FLASHING FOLDING FLEXIBLE FLOORING FLOOR FLUORESCENT FACTORY MUTUAL COMPANY FINISHED OPENING FACE OF CONCRETE FACE OF FINISH FACE OF STUDS FIREPROOF FEET PER MINUTE FIREPROOF FIRE RATING FRAME	BLKG BLW BM BOL BOT BRDG BRDLM BRG BRKT BRZ BU BUR BW C/C CAB CAP CTV CEM CAP CTV CEM CER CF CFL CFT CHR CHAM CHS CIR CLR CHR CHS CIR CLR CLR CLR CND CND CND CND CND CND COLG COLG COLG COLG COM COMB	BLOCKING BELOW BEAM or BENCH MARK BOLLARD BOTTOM BRIDGE, BRIDGING BROADLOOM BEARING BRACKET BRONZE BUILT-UP BUILT-UP BUILT-UP ROOF BOTH WAYS CENTER TO CENTER CABINET CAPACITY CLOSED CIRCUIT TV CEMENT, CEMENTITIOUS CERAMIC CUBIC FEET COUNTERFLASHING CUBIC FOOT CHILLED WATER RETURN CHAMFER CHILLED WATER SUPPLY CIRCLE CONTROL JOINT CENTERLINE CEILING CAULKING CLEAR
UNO USS	UNDERLAYMENT UNLESS NOTED OTHERWISE UNITED STATES STANDARD UTILITY VACUUM VARIES VAPOR BARRIER VINYL BASE (COVED) VINYL BASE (COVED) VINYL BASE (STRAIGHT) VINYL COMPOSITION TILE VEHICLE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VITREOUS VAULT VOLUME VENT PIPE VAPOR RETARDER VENT STACK VINYL WALL COVERING WITH WITHOUT WOOD BASE WATERCLOSET WOOD WINDOW WIDE FLANGE (STRUCTURAL STEEL) WATER HEATER WELD WIRE MESH WATER RESISTANT or WATER REPELLANT WEATHERSTRIPPING WEIGHT WATERPROOFING WELDED WIRE FABRIC	QT QTR QTY QUAL RA RAD RADN RB RBT RCP RD RDR REBAR REC RECEP RECES RED REF REFL REFR REFL REFR REFL REFR REG REINF REQ RESIL RESIS RET REV REV DR RF RFG RGH RGTR RH RMV RO ROW RPT RR	QUARRY TILE QUARTER QUANTITY QUALITY RETURN AIR RADIUS RADIAN RUBBER BASE RABBET REFLECTED CEILING PLAN ROOF DRAIN READER REINFORCING BAR RECEIVER RECETACLE RECESSED REDUCER REFRIGERATOR REFRIGERATOR REFRIGERATOR REGULAR REINFORCEMENT REGUIRE REQUIRE REQUIRE REQUIRE REQUIRED RESIST oF RESISTANT OF RESIST OF RESISTANT OF RESIST OF REVISE OF REVOLVING DOOR ROOF ROOFING ROOFING ROOFING ROOGH REGISTER RIGHT HAND ROOM REMOVE ROUGH OPENING RIGHT OF WAY REPEAT (LIKE "DITTO") RAILROAD	MAN MAR MARB MAS MATL MAX MD ME MECH MED MED MET MEZZ MFD MFG MH MHO MIN MIR MISC MK MLDG MLWK MM MISC MK MLDG MLWK MM MMB MOD MOIST MONO MOIST MONO MOT MOV MP MR MRD MTD MTL MTR MULL MWK	MANUAL MARBLE MARBLE MASONRY MATERIAL MAXIMUM MEDIUM MECHANICAL ENGINEER MECHANICAL ENGINEER MECHANICAL MEDIUM MEMBRANE METAL MEZZANINE MANUFACTURED MANUFACTURED MANUFACTURER MANHOLE MAGNETIC HOLD OPEN MINIMUM MIRROR MISCELLANEOUS MARK MOLDING MILLWORK MILLIMETER MEMBRANE MASONRY OPENING MODULE MONOLITHIC MOTOR(IZED) MOVABLE METAL ACOUSTAL PANEL MOP RECEPTOR METAL ROOF DECK MOUNTED METAL MOTOR MULLION MILLWORK	FRM FRPF FS FSCW FT FTG FURN FUR FUT FVC FWC FXD FXTR GA GAL GAL GAL GC GD GEN GENL GFRC GFRC GFRC GFRC GFRC GFRP GKT GL BLK GLZ GND GOVT GPH GPM GPS GRAN GRND GRTG	FRAME FIREPROOF FLOOR SINK FLUSH SOLID CORE WOOD FOOT FITTING FURNITURE FURRING FUTURE FIRE VALVE CABINET FABRIC WALL COVERING FIXED FIXTURE GAUGE GALLON GALVANIZED GENERAL CONTRACTOR GUTTER DRAIN GENERALON GENERAL GLASS FIBER REINFORCED CONCRETE GLASS FIBER REINFORCED CONCRETE GLASS FIBER REINFORCED GYPSUM GLASS FIBER REINFORCED PLASTER GASKET GLASS GLASS BLOCK GLAZE GROUND GOVERNMENT GALLONS PER MINUTE GALLONS PER MINUTE GALLONS PER MINUTE GALLONS PER MINUTE GALLONS PER SECOND GRADE GRANITE GROUND GRATING	COMP COMPT CON CONC COND CONN CONST CONT CONT COR COR COV CPR CPT CR CR CPT CR CRS CSG CSTG CTD CTR CTSK CU. FT. CU. YD. CUR CV CWR CWR CWS CY CYL DB	COMPRESSED COMPARTMENT CONSTRUCTION CONCRETE CONDENSER or CONDUIT CONNECTION CONSTRUCTION CONSTRUCTION CONTROL CONTRACTOR CONTRACTOR CORNER or CORRIDOR CORNER or CORRIDOR CORRIDOR or CORRUGATE COVER COPPER CARPET CARD READER COURSE or COLD ROLLED STEEL CASING CERAMIC TILE or CORK TILE COATED CENTER or COUNTER COUNTERSUNK CUBIC FEET CUBIC YARD CURRENT CHECK VALVE COLD WATER CIRCULATING WATER PUMP CONDENSATE WASTE RETURN CONDENSATE WASTE SUPPLY CUBIC YARD or CYCLE CYLINDER
WWF XH X HVY X STR YD YR	WELDED WIRE FABRIC EXTRA HEAVY EXTRA STRONG YARD YEAR	S4S SALV SAN SC SCHED SCR SCR SCUP SCWD SE SECT SECUR SECY SED SEL SERV SEV SF SFGL SGG SGS SHORG SHT SHTHG SHWR SIM	SURFACED 4 SIDES SALVAGE SANITARY SOLID CORE SCHEDULE SCREEN SCRIBE SCUPPER SOLID CORE WOOD STRUCTURAL ENGINEER SECTION SECURITY SECRETARY SEWAGE EJECTOR DISCHARGE SELECT SERVICE SEWAGE EJECTOR VENT SQUARE FOOT SAFETY GLASS STRUCTURAL GLAZING GASKET SINGLE SILICONE GLAZING SEALANT SHORING SHEET SHEATHING SHOWER SIMILAR	NEUT NIC NMT NO NOM NR NRC NS NTS O, O/ O, O/ O TO O OA OC OD OF OFF	NATURAL NEUTRAL NOT IN CONTRACT NON-METALLIC NUMBER NOMINAL NOISE REDUCTION OUSE REDUCTION COEFFICIENT NEAR SIDE NOT TO SCALE OVER OUT TO OUT OVERALL ON CENTER OUTSIDE DIAMETER OUTSIDE DIAMETER OUTSIDE FACE OFFICE OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OPPOSITE OPPOSITE OPPOSITE HAND OPERABLE ORNAMENTAL OPEN SIGHT DRAIN OUTLET OVERFLOW OUNCE	GT GV GYP GYP-BD HB HC HD HDCP HDN HDR HDWE HEX HGR HGT HID HM HORIZ HP HR HS HT HTG HTR HTW HVAC	GROUT GALVANIZED GYPSUM GYPSUM BOARD HOSE BIB HOLLOW CORE HEAD, HEADER HEAVY DUTY HANDICAPPED (BETTER CALLED "ACCESSIBLE") HARDEN HEADER HARDWOOD HARDWARE HEXAGONAL HANGER HEIGHT HIGH INTENSITY DISCHARGE HOLLOW METAL HORIZONTAL HIGH POINT HOUR HEAT STRENGTHENED HEIGHT HEATING HEATER HIGH TEMPERATURE WATER	DB DBL DC DD DEG DEMO DEPT DES DET DF DIAG DIA DIFF DIM DISP DIV DMT DN DO DPR DR DRN DSCON DSP DTL DWG DWGS DWR DS DSP	DECIBEL DOUBLE DIRECT CURRENT DECK DRAIN DEGREE DEMOLITION DEPARTMENT DESIGN(ED) DETAIL DRINKING FOUNTAIN DIAGONAL DIAMETER DIFFUSER DIMENSION DISPENSER DIVISION DEMOUNTABLE DOWN DOOR OPENING DAMPER DOOR DRAIN DISCONNECT DRY STANDPIPE DETAIL DRAWING DRAWING DRAWER DOWNSPOUT DRY STANDPIPE



GRAPHIC SYMBOLS (CONT)	GRAPHIC SYMBOLS (CONT)						
ELEVATION INDICATIONS	POWER A	ND COMMUNICATION, CONT					
GLASS SYMBOL	SURFACE FLOOR M	OUNTED, POKE THRU DEVICES					
	\bigcirc	SURFACE FLOOR MOUNTED, POKE THRU, SINGLE RECEPTACLE - CONVENIENC					
MASONRY COURSING		SURFACE FLOOR MOUNTED, POKE THRU, SINGLE RECEPTACLE - DEDICATED					
		SURFACE FLOOR MOUNTED, POKE THRU, SINGLE RECEPTACLE - SEPARATE					
WOOD VENEER		SURFACE FLOOR MOUNTED, POKE THRU, DUPLEX RECEPTACLE - CONVENIEN					
		SURFACE FLOOR MOUNTED, POKE THRU, DUPLEX RECEPTACLE - DEDICATED SURFACE FLOOR MOUNTED, POKE THRU, DUPLEX RECEPTACLE - SEPARATE					
STONE		SURFACE FLOOR MOUNTED, POKE THRU, QUADRAPLEX RECEPTACLE -					
		CONVENIENCE SURFACE FLOOR MOUNTED, POKE THRU, QUADRAPLEX RECEPTACLE -					
		DEDICATED SURFACE FLOOR MOUNTED, POKE THRU, QUADRAPLEX RECEPTACLE - HALF					
ECTION INDICATIONS		DEDICATED SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX & VOICE/DAT					
		RECEPTACLE - CONVENIENCE SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX & VOICE/DAT					
		RECEPTACLE - DEDICATED SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX & VOICE/DAT					
ALUMINUM		RECEPTACLE - SEPARATE SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX & VOICE/DATA RECEPTACLES - CONVENIENCE					
BRICK		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX & VOICE/DATA RECEPTACLES - DEDICATED					
IIIIIIIIIIII CARPET		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX & VOICE/DATA RECEPTACLES - HALF DEDICATED					
		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX, AUDIO VISU/ AND VOICE/DATA RECEPTACLES - CONVENIENCE					
CONCRETE	() AV V	SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX, AUDIO VISU/ AND VOICE/DATA RECEPTACLES - DEDICATED					
CONCRETE MASONRY UNIT		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION DUPLEX, AUDIO VISU/ AND VOICE/DATA RECEPTACLES - SEPARATE					
		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX, AV & VOICE/DATA RECEPTACLES - CONVENIENCE					
		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX, AV & VOICE/DATA RECEPTACLES - DEDICATED					
		SURFACE FLOOR MOUNTED, POKE THRU, COMBINATION QUADRAPLEX, AV & VOICE/DATA RECEPTACLES - HALF DEDICATED					
GLASS	V	SURFACE FLOOR MOUNTED, POKE THRU, VOICE/DATA RECEPTACLE					
GRAVEL	\bigcirc	SURFACE FLOOR MOUNTED, POKE THRU, DATA RECEPTACLE					
GYPSUM BOARD	$\overline{\mathbf{v}}$	SURFACE FLOOR MOUNTED, POKE THRU, VOICE RECEPTACLE					
	(AV)	SURFACE FLOOR MOUNTED, POKE THRU, AV RECEPTACLE					
INSULATION (LOOSE OR BATT)	P	SURFACE FLOOR MOUNTED, POKE THRU, SYSTEMS WORKSTATION PANEL POWER INFEED SURFACE FLOOR MOUNTED, POKE THRU, SYSTEMS WORKSTATION PANEL					
INSULATION (RIGID)	V	SURFACE FLOOR MOUNTED, POKE THRU, SYSTEMS WORKSTATION PANEL VOICE INFEED					
PLASTER		ED CEILING					
PLASTIC							
PLYWOOD		ACOUSTICAL CEILING AND GRID					
PRE-CAST PANELS	xx'-xx"						
SAND OR GROUT	XX'-xX"	CEILING HEIGHT CHANGE SYMBOL					
	X'-X"	FINISH CEILING HEIGHT SYMBOL					
STEEL	\bullet	GRID START POINT SYMBOL					
STONE	AT1	CEILING FINISH TAG					
WOOD (FINISHED)	MS	MOTION SENSOR					
WOOD (CONTINUOUS MEMBER)	XX XX	CEILING MOUNTED SPEAKER					
	→ XX	CEILING MOUNTED CAMERA					
WOOD (INTERRUPTED MEMBER)		CEILING MOUNTED SMOKE DETECTOR					
	xx xx ¤	CEILING MOUNTED STROBE LIGHT					
		CEILING MOUNTED EXIT SIGNS					
		CEILING MOONTED EXIT SIGNS					
	$\overline{\grave{X}} \ \grave{\Sigma} \ \overline{\grave{Y}}$	WALL MOUNTED EXIT SIGNS - PARALLEL					
		WALL MOUNTED EXIT SIGNS - PERPENDICULAR					
	E	DENOTES EXISTING TO REMAIN					
	R	DENOTES EXISTING TO BE RELOCATED					
		ACCESS DOOR					
		FLUORESCENT LIGHT FIXTURE					
		EXISTING LIGHT FIXTURE / EMERGENCY CIRCUIT					
		UNDER CABINET FLUORESCENT FIXTURE					
		FLUORESCENT STRIP FIXTURE FLUORESCENT PENDANT FIXTURE					
		RECESSED DOWNLIGHT					
	 Ô ● 	RECESSED ADJUSTABLE DOWNLIGHT RECESSED WALL WASHER					
		TRACK LIGHTING SURFACE MOUNTED LIGHT FIXTURE					
	\downarrow \downarrow \downarrow	WALL SCONCE					
	\$	LIGHT SWITCH					
	D \$	DIMMER SWITCH					
	1	RES					
	MECHANICAL FIXTU						
		RETURN AIR					
		RETURN AIR SUPPLY AIR					
		SUPPLY AIR CIRCULAR DIFFUSER					
		SUPPLY AIR CIRCULAR DIFFUSER LINEAR DIFFUSER					
		SUPPLY AIR CIRCULAR DIFFUSER					

BOLS (CONT)

NICATION, CONT

VICES

ILING AND GRID
CHANGE SYMBOL
HEIGHT SYMBOL
NT SYMBOL
TAG
र
ED SPEAKER
ED CAMERA
ED SPRINKLER HEAD
ED SMOKE DETECTOR
ED STROBE LIGHT
ED EXIT SIGNS
EXIT SIGNS - PARALLEL
EXIT SIGNS - PERPENDICULAR
ING TO REMAIN
ING TO BE RELOCATED
IGHT FIXTURE
IGHT FIXTURE / EMERGENCY CIRCUIT
FIXTURE TO BE REMOVED FLUORESCENT FIXTURE STRIP FIXTURE
PENDANT FIXTURE /NLIGHT
JSTABLE DOWNLIGHT L WASHER
G TED LIGHT FIXTURE

GRAPHIC SYMBOLS (CONT)

POWER AND COMMUNICATION, CONT FLUSH FLOOR MOUNTED DEVICES WALL MOUNTED DEVICES Φ FLUSH FLOOR MOUNTED, SINGLE RECEPTACLE - CONVENIENCE $\mathbf{\Phi}$ FLUSH FLOOR MOUNTED, SINGLE RECEPTACLE - DEDICATED \bullet FLUSH FLOOR MOUNTED, SINGLE RECEPTACLE - SEPARATE Φ FLUSH FLOOR MOUNTED, DUPLEX RECEPTACLE - CONVENIENCE $\mathbf{\bullet}$ FLUSH FLOOR MOUNTED, DUPLEX RECEPTACLE - DEDICATED FLUSH FLOOR MOUNTED, DUPLEX RECEPTACLE - SEPARATE \blacksquare FLUSH FLOOR MOUNTED, QUADRAPLEX RECEPTACLE - CONVENIENCE • FLUSH FLOOR MOUNTED, QUADRAPLEX RECEPTACLE - DEDICATED ${\bf \Phi}$ FLUSH FLOOR MOUNTED, QUADRAPLEX RECEPTACLE - HALF DEDICATED $\mathbf{\Phi}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA RECEPTACLE -CONVENIENCE $\mathbf{0}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA RECEPTACLE -DEDICATED $\mathbf{\Phi}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA RECEPTACLE -SEPARATE $\mathbf{\Phi}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA **RECEPTACLES - CONVENIENCE** $\mathbf{\Phi}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA **RECEPTACLES - DEDICATED** $\mathbf{\Phi}\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA RECEPTACLES - HALF DEDICATED FLUSH FLOOR MOUNTED, COMBINATION DUPLEX, AUDIO VISUAL AND VOICE/DATA RECEPTACLES - CONVENIENCE FLUSH FLOOR MOUNTED. COMBINATION DUPLEX, AUDIO VISUAL AND VOICE/DATA RECEPTACLES - DEDICATED FLUSH FLOOR MOUNTED, COMBINATION DUPLEX, AUDIO VISUAL AND VOICE/DATA RECEPTACLES - SEPARATE **♦**AV **V** FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA RECEPTACLES - CONVENIENCE FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA **RECEPTACLES - DEDICATED** FLUSH FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA **AV** RECEPTACLES - HALF DEDICATED $\mathbf{\nabla}$ FLUSH FLOOR MOUNTED, VOICE/DATA RECEPTACLE \bigtriangledown FLUSH FLOOR MOUNTED, DATA RECEPTACLE FLUSH FLOOR MOUNTED, VOICE RECEPTACLE Ρ FLUSH FLOOR MOUNTED, SYSTEMS WORKSTATION PANEL POWER INFEED V FLUSH FLOOR MOUNTED, SYSTEMS WORKSTATION PANEL VOICE INFEED FLUSH FLOOR MOUNTED, AV RECEPTACLE ΛV PVD FLUSH FLOOR MOUNTED, RAISED FLOOR BOX, COMBINATION POWER, VOICE/DATA PVA FLUSH FLOOR MOUNTED, RAISED FLOOR BOX, COMBINATION POWER, VOICE/DATA, A/V AV FLUSH FLOOR MOUNTED, RAISED FLOOR BOX, AV SECURITY DEVICES SURFACE FLOOR MOUNTED DEVICES SURFACE FLOOR MOUNTED, SINGLE RECEPTACLE- CONVENIENCE SURFACE FLOOR MOUNTED, SINGLE RECEPTACLE - DEDICATED SURFACE FLOOR MOUNTED, SINGLE RECEPTACLE - SEPARATE SURFACE FLOOR MOUNTED, DUPLEX RECEPTACLE- CONVENIENCE 0 SURFACE FLOOR MOUNTED, DUPLEX RECEPTACLE - DEDICATED SURFACE FLOOR MOUNTED, DUPLEX RECEPTACLE - SEPARATE SURFACE FLOOR MOUNTED, QUADRAPLEX RECEPTACLE- CONVENIENCE SURFACE FLOOR MOUNTED, QUADRAPLEX RECEPTACLE - DEDICATED - **Đ** SURFACE FLOOR MOUNTED, QUADRAPLEX RECEPTACLE - HALF DEDICATED SURFACE FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA $\bigcirc \mathbf{V}$ RECEPTACLE - CONVENIENCE 0V SURFACE FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA

RECEPTACLE - DEDICATED

RECEPTACLE - SEPARATE

RECEPTACLES - CONVENIENCE

RECEPTACLES - HALF DEDICATED

VOICE/DATA RECEPTACLES - CONVENIENCE

VOICE/DATA RECEPTACLES - DEDICATED

VOICE/DATA RECEPTACLES - SEPARATE

RECEPTACLES - CONVENIENCE

RECEPTACLES - HALF DEDICATED

SURFACE FLOOR MOUNTED, VOICE/DATA RECEPTACLE

SURFACE FLOOR MOUNTED, DATA RECEPTACLE

SURFACE FLOOR MOUNTED, VOICE RECEPTACLE

SURFACE FLOOR MOUNTED, CONDUIT STUB UP, AV

SURFACE FLOOR MOUNTED, CONDUIT STUB UP, POWER

SURFACE FLOOR MOUNTED, CONDUIT STUB UP, VOICE/DATA

SURFACE FLOOR MOUNTED, AV RECEPTACLE

RECEPTACLES - DEDICATED

RECEPTACLES - DEDICATED

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(DR) MS | EH H DR DC SURFACE FLOOR MOUNTED, COMBINATION DUPLEX & VOICE/DATA DDC SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA KS SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX & VOICE/DATA ES SURFACE FLOOR MOUNTED, COMBINATION DUPLEX, AUDIO VISUAL AND SURFACE FLOOR MOUNTED, COMBINATION DUPLEX, AUDIO VISUAL AND SURFACE FLOOR MOUNTED, COMBINATION DUPLEX, AUDIO VISUAL AND FURNITURE SYSTEMS MOUNTED DEVICES SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA SURFACE FLOOR MOUNTED, COMBINATION QUADRAPLEX, AV & VOICE/DATA SURFACE FLOOR MOUNTED, SYSTEMS WORKSTATION PANEL POWER INFEED SURFACE FLOOR MOUNTED, SYSTEMS WORKSTATION PANEL VOICE INFEED

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GRAPHIC SYMBOLS (CONT)

POWER AND COMMUNICATION

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EQUIPMENT TAG (REFER TO EQUIPMENT SCHEDULE) WALL MOUNTED FIRE ALARM STROBE FIRE ALARM PULL FIRE WARDEN STATION WALL MOUNTED, SINGLE RECEPTACLE - CONVENIENCE WALL MOUNTED, SINGLE RECEPTACLE - DEDICATED WALL MOUNTED, SINGLE RECEPTACLE - SEPARATE WALL MOUNTED, DUPLEX RECEPTACLE - CONVENIENCE WALL MOUNTED, DUPLEX RECEPTACLE - DEDICATED WALL MOUNTED, DUPLEX RECEPTACLE - SEPARATE WALL MOUNTED, QUADRAPLEX RECEPTACLE - CONVENIENCE WALL MOUNTED, QUADRAPLEX RECEPTACLE - DEDICATED WALL MOUNTED, QUADRAPLEX RECEPTACLE - HALF DEDICATED WALL MOUNTED, VOICE/DATA RECEPTACLE WALL MOUNTED, DATA RECEPTACLE WALL MOUNTED, VOICE RECEPTACLE WALL MOUNTED, THERMOSTAT WALL MOUNTED, CABLE TV RECEPTACLE WALL MOUNTED, AV RECEPTACLE WALL MOUNTED, AV TROUGH WALL MOUNTED, ELECTRICAL JUNCTION BOX WALL MOUNTED, VOICE/DATA JUNCTION BOX WALL MOUNTED, SYSTEMS WORKSTATION PANEL POWER INFEED WALL MOUNTED, SYSTEMS WORKSTATION PANEL VOICE/DATA INFEED WALL MOUNTED, CONDUIT STUB-OUT POWER WALL MOUNTED, CONDUIT STUB-OUT VOICE AND DATA WALL MOUNTED, CONDUIT STUB-OUT A/V WALL MOUNTED, PLUG MOLD CARD READER CAMERA ELECTRIC DOOR BELL PUSH ELECTRIC DOOR BELL INTERCOM REMOTE DOOR RELEASE BUTTON MOTION SENSOR INTRUSION ALARM ELECTRIC DOOR HINGE ELECTRICAL DOOR HOLD OPEN ELECTRICAL DOOR RELEASE ELECTRICAL DOOR MONITOR CONTACT DOUBLE DOOR MONITOR CONTACT ELECTRIC LOCKSET ELECTRIC KEY SWITCH ELECTRIC STRIKE MAGNETIC LOCKSET FURNITURE SYSTEMS MOUNTED, SINGLE RECEPTACLE - CONVENIENCE FURNITURE SYSTEMS MOUNTED, SINGLE RECEPTACLE- DEDICATED FURNITURE SYSTEMS MOUNTED, SINGLE RECEPTACLE - SEPARATE FURNITURE SYSTEMS MOUNTED, DUPLEX RECEPTACLE - CONVENIENCE FURNITURE SYSTEMS MOUNTED, DUPLEX RECEPTACLE- DEDICATED FURNITURE SYSTEMS MOUNTED, DUPLEX RECEPTACLE - SEPARATE FURNITURE SYSTEMS MOUNTED, QUADRAPLEX RECEPTACLE - CONVENIENCE FURNITURE SYSTEMS MOUNTED, QUADRAPLEX RECEPTACLE - DEDICATED FURNITURE SYSTEMS MOUNTED, VOICE/DATA RECEPTACLE

FURNITURE SYSTEMS MOUNTED, QUADRAPLEX RECEPTACLE - HALF DEDICATED

FURNITURE SYSTEMS MOUNTED, DATA RECEPTACLE

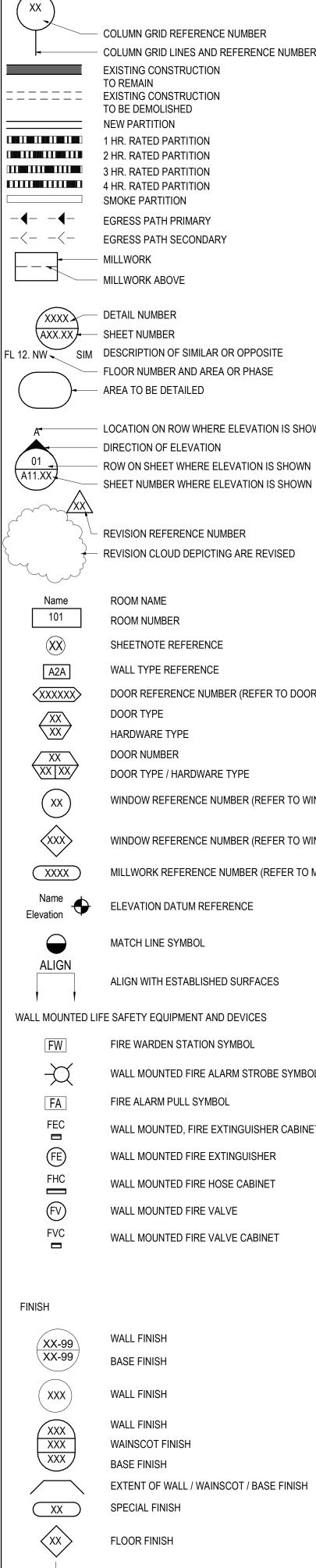
FURNITURE SYSTEMS MOUNTED, VOICE RECEPTACLE

FURNITURE SYSTEM ELECTRIC PIGTAIL

FURNITURE MOUNTED, POWER POLE

GRAPHIC SYMBOLS

CONSTRUCTION



EXISTING CONSTRUCTION TO BE DEMOLISHED NEW PARTITION 1 HR. RATED PARTITION 2 HR. RATED PARTITION 3 HR. RATED PARTITION 4 HR. RATED PARTITION SMOKE PARTITION EGRESS PATH PRIMARY EGRESS PATH SECONDARY MILLWORK - MILLWORK ABOVE - DETAIL NUMBER - SHEET NUMBER FL 12. NW SIM DESCRIPTION OF SIMILAR OR OPPOSITE FLOOR NUMBER AND AREA OR PHASE AREA TO BE DETAILED - LOCATION ON ROW WHERE ELEVATION IS SHOWN DIRECTION OF ELEVATION ROW ON SHEET WHERE ELEVATION IS SHOWN SHEET NUMBER WHERE ELEVATION IS SHOWN REVISION REFERENCE NUMBER REVISION CLOUD DEPICTING ARE REVISED ROOM NAME ROOM NUMBER SHEETNOTE REFERENCE WALL TYPE REFERENCE DOOR REFERENCE NUMBER (REFER TO DOOR SCHEDULE) DOOR TYPE HARDWARE TYPE DOOK NUMBER DOOR TYPE / HARDWARE TYPE WINDOW REFERENCE NUMBER (REFER TO WINDOW SCHEDULE) WINDOW REFERENCE NUMBER (REFER TO WINDOW SCHEDULE) MILLWORK REFERENCE NUMBER (REFER TO MILLWORK SCHEDULE) ELEVATION DATUM REFERENCE MATCH LINE SYMBOL ALIGN WITH ESTABLISHED SURFACES WALL MOUNTED LIFE SAFETY EQUIPMENT AND DEVICES FIRE WARDEN STATION SYMBOL WALL MOUNTED FIRE ALARM STROBE SYMBOL FIRE ALARM PULL SYMBOL WALL MOUNTED, FIRE EXTINGUISHER CABINET WALL MOUNTED FIRE EXTINGUISHER WALL MOUNTED FIRE HOSE CABINET WALL MOUNTED FIRE VALVE

WALL MOUNTED FIRE VALVE CABINET

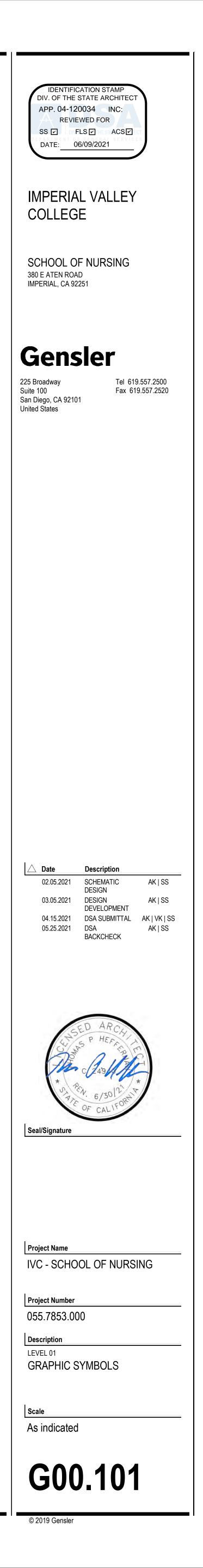
WALL FINISH

BASE FINISH

WALL FINISH WAINSCOT FINISH BASE FINISH EXTENT OF WALL / WAINSCOT / BASE FINISH SPECIAL FINISH

FLOOR FINISH

CHANGE IN FLOOR FINISH





GENERAL DEMOLITION NOTES

GENERAL POWER/COMM NOTES

- SUMMARY: WORK NECESSARY FOR SELECTIVE DEMOLITION INCLUDES FURNISHING LABOR FOR DEMOLITION. REMOVAL OF DEBRIS (DISPOSAL AND RECYCLING), PATCHING AS REQUIRED, CONTROL DUST, AND NECESSARY PERMITS SCHEDULE: SUBMIT SCHEDULE INDICATING PROPOSED SEQUENCE OF OPERATIONS FOR SELECTIVE DEMOLITION WORK TO ARCHITECT AND THEIR CONSULTANTS, AND THE OWNER'S REPRESENTATIVE CITY BUILDING OFFICIALS, AND BUILDING MANAGEMENT FOR REVIEW. INCLUDE COORDINATION FOR SHUT OFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQUIRED TOGETHER WITH DETAILS FOR DUST AND NOISE CONTROL. PROVIDE DETAILED SEQUENCE OF DEMOLITION, FLOOR BY FLOOR, AND REMOVAL WORK TO ENSURE UNINTERRUPTED PROGRESS OF OWNER'S ON-SITE OPERATIONS, AND BUILDING OPERATIONS. SPECIFIED. CONDITION OF STRUCTURES: OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING, THEN WAIT FOR DIRECTION FROM THE OWNER. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS FOR REMOVAL HANDLING, PROPER DISPOSAL OF, OR EXPOSURE OF PERSONS TO THE HAZARDOUS SUBSTANCES. AUTHORITIES. CONDITIONS EXISTING AT THE TIME OF COMMENCEMENT OF CONTRACT WILL BE MAINTAINED BY OWNER INSOFAR AS PRACTICAL. HOWEVER, VARIATIONS WITHIN STRUCTURE MAY OCCUR BY OWNER'S REMOVAL AND SALVAGE OPERATIONS PRIOR TO START OF SELECTIVE DEMOLITION WORK. SALVAGE: STORAGE OF REMOVED ITEMS WILL BE PERMITTED AS DIRECTED BY THE OWNER NOTED OTHERWISE. PROTECTIONS: PROVIDE PROTECTIVE BARRICADES. PROTECTIVE CANOPIES. AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO RECOMMENDATIONS, SPECIFICATIONS, AND INSTRUCTIONS. SELECTIVE DEMOLITION WORK. PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF OWNER'S PERSONNEL, TENANT, THEIR EMPLOYEES AND INVITEES, AND GENERAL PUBLIC TO AND FROM OCCUPIED PORTIONS OF BUILDING. PROTECT FROM DAMAGE EXISTING FINISH WORK THAT IS TO REMAIN IN PLACE AND BECOMES EXPOSED DURING DEMOLITION OPERATIONS. PROTECT FLOORS WITH SUITABLE COVERINGS WHEN NECESSARY. DAMAGES: PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION WORK AT NO ADDITIONAL COST TO OWNER. PATCH AND REPAIR: AT ALL PERIMETER CONDITIONS WHERE DEMO OCCURS SHALL BE PATCHED AND REPAIRED. ALL EXISTING WALLS DAMAGED SHALL BE REPAIRED AS REQUIRED TO RECEIVE SCHEDULED FINISH TRAFFIC: CONDUCT SELECTIVE DEMOLITION OPERATIONS AND DEBRIS REMOVAL IN A MANNER TO ENSURE OTHERWISE. MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO REMAIN, KEEP IN SERVICE, IDENTITY, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. PROVIDE TEMPORARY LIGHT AND POWER AS OTHERWISE. REQUIRED. SEE DRAWINGS FOR EXISTING STANDPIPE LOCATIONS. REMOVAL OF ANY EQUIPMENT, CABLING SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH TELEPHONE COMPANIES SERVICE OWNER OR TENANT DATA/COMMUNICATIONS REPRESENTATIVE AS REQUIRED TO PREVENT NEW CONSTRUCTION DELAYS ENVIRONMENTAL CONTROLS: USE TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO ISOLATE DUST AND DIRT RISING AND SCATTERING. COMPLY WITH BUILDING MANAGEMENT REGULATIONS AND GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. CONSTRUCT TEMPORARY INSULATED SOLID DUST PROOF PARTITIONS WHERE REQUIRED TO SEPARATE AREAS WHERE NOISY OR EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. EQUIP PARTITIONS WITH DUST PROOF DOORS 16 PANEL BOARDS: CIRCUIT BREAKERS SHALL BE NEATLY TAGGED AND NUMBERED BY CONTRACTOR TO AND SECURITY LOCKS IF REQUIRED. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND INFORMATION. INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS OF EXISTING BUILDING. REMOVE PROTECTIONS AT COMPLETION OF WORK. ELECTRICAL AND COMMUNICATIONS OUTLETS. INSPECTION: PRIOR TO COMMENCEMENT OF SELECTIVE DEMOLITION WORK, INSPECT AREAS IN WHICH WORK WILL BE PERFORMED IF NECESSARY. PHOTOGRAPH EXISTING CONDITIONS TO STRUCTURE SURFACES, EQUIPMENT, OR TO SURROUNDING PROPERTIES WHICH COULD BE MISCONSTRUED AS DAMAGE STUB UP AND TERMINATED 6" ABOVE HUNG CEILING. RESULTING FROM DEMOLITION WORK. FILE WITH OWNER PRIOR TO STARTING WORK. 19 PULL STRINGS: CONTRACTOR TO PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT. PREPARATION: CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY INTERIOR AND EXTERIOR SHORING. BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED AND ADJACENT FACILITIES TO REMAIN. WORK SHALL BE DONE UNDER THE SUPERVISION OF A LICENSED STRUCTURAL ENGINEER PROVIDED BY THE CONTRACTOR AT THE PROJECT SITE. CONTRACTOR SHALL CEASE OPERATIONS AND NOTIFY OWNER AND BUILDING MANAGEMENT IMMEDIATELY IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AS GENERAL MILLWORK NOTES DIRECTED BY THE CONTRACTORS LICENSED STRUCTURAL ENGINEER TO SAFELY SUPPORT THE STRUCTURE UNTIL A DETERMINATION IS MADE FOR CONTINUING THE WORK AS DIRECTED BY THE CONTRACTOR'S LICENSED STRUCTURAL ENGINEER. TAKE PRECAUTIONS TO SUPPORT STRUCTURE UNTIL DETERMINATION IS MADE FOR CONTINUING OPERATIONS. CONTRACTOR IS SOLELY RESPONSIBLE FOR DEMOLITION MEANS AND METHODS. ALL BLOCKING REQUIRED. 3 COVER AND PROTECT: COVER AND PROTECT FURNITURE, EQUIPMENT AND FIXTURES, AND OTHER ITEMS TO SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES TO THE ARCHITECT REMAIN FROM SOILING OR DAMAGE WHEN DEMOLITION WORK IS PERFORMED IN ROOMS OR AREAS FROM FOR REVIEW. WHICH SUCH ITEMS HAVE BEEN REMOVED. 4 CLEAN UP: AT COMPLETION OF DEMOLITION WORK. THE CONSTRUCTION AREAS SHALL BE LEFT IN SWEPT UP AND CLEAN CONDITION. CARPETED AREAS TO BE LEFT IN A VACUUM CLEAN CONDITION. VINYL FLOORING SHALL BE DAMP MOPPED AT THE END OF EACH WORK DAY. ALL DEBRIS AND MISCELLANEOUS MATERIAL MANNER TO INSURE AGAINST THE JOINT OPENING. SHALL BE REMOVED AT THE END OF EACH WORK DAY. FREIGHT ELEVATOR: DEBRIS REMOVAL MUST BE PERFORMED USING THE FREIGHT ELEVATOR. CONTACT THE BUILDING MANAGEMENT OFFICE TO OBTAIN SCHEDULE FOR THE USE OF THE FREIGHT ELEVATOR PRIOR TO SUBMITTING BID. ALL DEBRIS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING INDENTATIONS, CHIPS, OR ABRASIONS. MANAGEMENT REQUIREMENTS AND PROCEDURES. 6 EXISTING ELECTRICAL: IN PARTITIONS TO BE REMOVED, REMOVE AND CAP ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO THEIR SOURCE AS REQUIRED. ALL EXISTING FLOOR MOUNTED OUTLETS, WHERE NOTED TO BE REMOVED OR RELOCATED, SHALL BE CAPPED OFF TO THE NEAREST JUNCTION BOX. FILL AND LEVEL FLOOR TO ACCEPT NEW FLOOR COVERING. PATCHING: CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY CONTRACTOR OR SUBCONTRACTORS TO EXISTING CONSTRUCTION IN ELEVATOR LOBBY, PUBLIC CORRIDORS, RESTROOMS, OR TENANT SPACES. REFINISH TO MATCH EXISTING ADJACENT FINISH, OR AS CONNECTION WITH ALL PROJECT WORK. NOTED HEREIN. WARRANTY: THE CONTRACTOR WARRANTS TO THE OWNER AND ARCHITECT THAT MATERIALS AND 8 PIPES, VENTS, ETC.: REMOVE TO SOURCE ALL PIPES, VENTS, APPLIANCES, OR DRAINS NOT BEING RE-USED. 19 FLOORING: REMOVE ALL EXISTING IRREGULAR MATERIALS WHICH CAUSE RISES AND DEPRESSIONS IN FLOORING SURFACE, SUCH AS FASTENERS, OUTLET CORES, COVER PLATES, RESILIENT FLOOR COVERINGS. CARPET, CARPET PAD, FLASH PATCH, CONCRETE FILL, PLYWOOD, ETC. WALL COVERING: CAREFULLY REMOVE ALL EXISTING WALL COVERING AT EXISTING PARTITIONS AND/OR COLUMNS, AS NOTED. DEMOLITION: DEMOLITION IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON DRAWINGS. THE INTENT IS TO INDICATE THE GENERAL SCOPE OF DEMOLITION REQUIRED TO COMPLETE THE WORK HEREIN. IF QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, CLARIFY THE POINT IN QUESTION WITH THE ARCHITECT BEFORE PROCEEDING. 2 STAIRWAYS: STAIRWAYS MUST REMAIN ACCESSIBLE AT ALL TIMES DURING DEMOLITION. ABOVE FILE STORAGE UNIT(S) AFTER FILE STORAGE UNIT(S) ARE INSTALLED BY OTHERS. FILE STORAGE 23 GRAPHICS: REMOVE EXISTING SIGNAGE/GRAPHICS AND STORE FOR RE-USE WHERE APPLICABLE 24 FIRE AND LIFE SAFETY SYSTEM: MODIFICATIONS ARE A SEPARATE PERMIT. GENERAL FINISH NOTES FINISHES: NO PAINTING OR INTERIOR FINISHING SHALL BE DONE UNDER CONDITIONS WHICH WILL EXPENSE. JEOPARDIZE THE QUALITY OR APPEARANCE OF SUCH WORK. ALL WORKMANSHIP WHICH IS JUDGED LESS THAN FIRST QUALITY BY THE ARCHITECT WILL BE REJECTED. COLOR SELECTION: ALL COLORS ARE TO BE SELECTED BY THE ARCHITECT, UNLESS NOTED OTHERWISE. CONCEAL CABLES. FINISH PREPARATION: ALL SURFACES SHALL BE PREPARED TO RECEIVE THE SCHEDULED FINISH PER MANUFACTURERS' RECOMMENDATIONS. ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED AND SANDED SMOOTH. PAINT GRADE WOODWORK SHALL BE HAND SANDED BETWEEN COATS AND DUSTED CLEAN. ALL SUPPORTED. HOLES, PITCH POCKETS, OR SAPPY PORTIONS SHALL BE SCRAPED AND SEALED WITH KNOT SEALER. NAIL HOLES, CRACKS, OR DEFECTS SHALL BE PUTTIED AFTER FIRST COAT, WITH PUTTY MATCHING COLOR OF STAIN OR PAINT FINISH, REMOVE OIL OR GREASE WITH MINERAL SPIRITS, REFER TO GYPSUM GROUNDS. ASSOCIATION GA-216 APPLICATION AND FINISHING OF GYPSUM PANEL PRODUCTS. ALL CRACKS, HOLES, IMPERFECTIONS IN EXISTING WALLS, PARTITIONS, OR GYPSUM WALLBOARD SHALL BE FILLED WITH PATCHING PLASTER AND SMOOTHED OFF TO MATCH ADJOINING SURFACES. INTERIOR GYPSUM WALLBOARD SURFACES SHALL BE WIPED WITH A DAMP CLOTH JUST PRIOR TO APPLICATION OF THE FIRST COAT, IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE FORMED IN SANDING PROCESS. WORK AREA CLEAN UP: UPON COMPLETION, REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED, OR SPLATTERED ON EXPOSED SURFACES. STAINING VENEER: ALL VENEER STAINS SHALL HAVE UNIFORM COLOR. TOUCH UP: EXAMINE ALL FINISH SURFACES AFTER COMPLETION OF WORK. INCLUDING WOOD FLOORING AND MILLWORK INSTALLATION, AND PROCEED WITH "TOUCH-UP" AS REQUIRED. FINISH APPROVAL: PROVIDE ARCHITECT WITH A MINIMUM OF (3) 8" X 10" BRUSH-OUTS OF EACH COLOR AND FINISH FOR ARCHITECT'S APPROVAL AT LEAST 2 WEEKS PRIOR TO SITE APPLICATION. ON-SITE APPLICATION WILL BE REQUIRED ONE WEEK PRIOR TO FINAL APPROVAL. ARCHITECT RESERVES THE RIGHT TO ADJUST ANY COLOR/FINISH ONCE THE WALL TEST HAS BEEN MADE. PRIOR TO SITE APPLICATION, PROVIDE ARCHITECT WITH 8" X 10" SAMPLE CUTTINGS FROM ACTUAL DYE LOTS OF ALL SPECIFIED WALLCOVERINGS FOR ARCHITECT'S APPROVAL AND PROVIDE EXPECTED DELIVERY DATE TO JOB SITE. SOFFITS: UNDERSIDE OF SOFFITS (WHERE OCCURS) TO RECEIVE A FINISH TO MATCH ADJACENT VERTICAL FINISH, UNLESS NOTED OTHERWISE DELIVERY LEAD TIME: CONTRACTOR SHALL BE RESPONSIBLE FOR ALLOWING FOR DELIVERY LEAD TIMES FOR ALL FABRICS AND OTHER CUSTOM FINISHES WITHIN THE CONSTRUCTION SCHEDULE. ALL DELIVERY TIMES MUST BE CONFIRMED, AND ANY EXCESSIVE LEAD TIME MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY FOR RE-SPECIFICATION IF NECESSARY. FINISHES: SEE FINISH PLAN, ELEVATIONS, AND DETAILS FOR CLARIFICATION OF EXTENT OF FINISH MATERIALS. JOINTS: STAINED AND PAINTED SURFACES SHALL BE FINISHED SUCH THAT JOINTS ARE NOT VISIBLE WHEN VIEWED FROM ANY REASONABLE ANGLE 2 FLOOR FINISHES: ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER CENTER OF DOOR, WHERE OCCURS, UNLESS NOTED OTHERWISE. CABINETRY: REFER TO FINISH PLAN FOR FINISH SPECIFICATIONS AT NEW CABINETRY. APPLY WHITE MELAMINE TO INTERIOR OF CABINETRY WITH DOORS AND DRAWERS, UNLESS NOTED OTHERWISE. 4 CARPET SEAMING PLAN: (IF APPLICABLE) SUBMIT CARPET SEAMING PLAN TO ARCHITECT PRIOR TO ORDERING AND AT LEAST (4) WEEKS PRIOR TO INSTALLATION FOR ARCHITECT'S REVIEW AND APPROVAL. 5 REFER TO SHEET A02.60 FOR FINISH SCHEDULES FOR FINISH SPECIFICATIONS. 16 THE FLOOR SURFACE OF THE FINISHED INSTALLATION SHALL BE SLIP RESISTANT AS DEFINED BY/ REQUIRED BY THOSE AUTHORITIES HAVING JURISDICTION.

REFER TO ELEVATIONS FOR FINISHES NOT NOTED ON FINISH PLAN.

ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

18 FLOAT ALL AREAS WHERE FLOOR IS NOT LEVEL OR TRUE PRIOR TO FLOORING INSTALLATIONS. FLOAT WOOD AND RESILIENT FLOORS LEVEL TO WITHIN 1/4" IN 10'. PROVIDE SURVEY OF FLOOR ELEVATIONS TO

TILED USING SILICONE TYPE SEALANT, COMPLY WITH TCA INSTALLATION METHODS.

PRIOR TO SETTING TILE, CAULK AROUND ALL PIPES AND OTHER ELEMENTS PENETRATING SURFACE TO BE

WORK AFTER HOURS: PRICE EXTENSIVE FLOOR SLAB PENETRATIONS AND/OR CORING ON AN OVERTIME BASIS. ALL CORE AND/OR FLOOR TRENCHING FOR TELEPHONE/ELECTRICAL CONDUIT SHALL BE PERFORMED AFTER HOURS AS REQUIRED AND COORDINATED WITH BUILDING OWNER FOR APPROVAL 2 COORDINATION OF THE WORK: SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF FLOOR OUTLETS AND OTHER OUTLETS IN RELATION TO STRUCTURAL AND OTHER ELEMENTS AS REQUIRED. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK. ELECTRICAL SWITCH AND OUTLET COVER PLATES, SURFACE HARDWARE, ETC., SHALL BE INSTALLED AFTER PAINTING AND/OR APPLICATION OF WALLCOVERINGS AND CARPET

OUTLET LOCATIONS: ARCHITECTURAL DRAWINGS DETERMINE LOCATION AND TYPE (ARCHITECT TO VERIFY WITH ENGINEER) OF ALL OUTLETS AND TAKE PRECEDENCE OVER ALL OTHERS, UNLESS NOTED OTHERWISE. ELECTRICAL ENGINEER'S POWER PLAN SHALL GOVERN THE WIRING LAYOUT AND INSTALLATION IN COMPLIANCE WITH ALL LAWS APPLICABLE AND ENFORCED BY GOVERNING

WALL MOUNTED OUTLETS: OUTLETS SHOWN BACK TO BACK ON PARTITION WALLS SHALL BE OFFSET 1'-0" MINIMUM, OR MOUNTED AT DIFFERENT HEIGHTS WHERE INDICATED 5 FURNITURE LAYOUT: FURNITURE, IF SHOWN, IS FOR REFERENCE ONLY AND IS NOT IN CONTRACT, UNLESS

EQUIPMENT COORDINATION: COORDINATE ALL WORK RELATED TO EQUIPMENT WITH MANUFACTURER'S

OUTLET FINISHES: OUTLET AND SWITCH COVER PLATE COLOR TO MATCH ADJACENT WALL AS CLOSE AS POSSIBLE. VERIFY SELECTION AND CHOICE WITH THE ARCHITECT PRIOR TO ORDERING MATERIALS. 10 OUTLET LAYOUT: UPON COMPLETION OF OUTLET LAYOUT, NOTIFY THE ARCHITECT. ARCHITECT SHALL SITE VERIFY ALL OUTLET LOCATIONS PRIOR TO COMMENCEMENT OF CORING OR OUTLET INSTALLATION. 11 UL RATED ASSEMBLIES: FURNISH AND INSTALL UL LABELLED DEVICES THROUGHOUT

12 MOUNTING HEIGHTS: INSTALL WALL MOUNTED OUTLETS 18 INCHES ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. HEIGHTS SHALL BE DETERMINED FROM FINISHED FLOOR TO THE CENTERLINE OF COVER PLATE, INSTALLED VERTICALLY, GROUNDING POLE AT BOTTOM, UNLESS NOTED OTHERWISE. OUTLETS MOUNTED HIGHER THAN 27" SHALL BE INSTALLED HORIZONTALLY, GROUNDING POLE AT LEFT, UNLESS NOTED OTHERWISE. FOURPLEX OUTLETS TO BE INSTALLED VERTICALLY, UNLESS NOTED

13 HORIZONTAL CLEARANCES: MAINTAIN A 4-INCH HORIZONTAL CLEARANCE IN ALL DIRECTIONS. MIN. FROM EDGE OF COVER PLATE, FOR WALL MOUNTED OUTLETS, OR FROM EDGE OF MONUMENT FOR FLOOR MOUNTED OUTLETS, WHEN ADJACENT TO A WALL, COLUMN, OR SIMILAR ELEMENTS, UNLESS NOTED

DIMENSIONS: INDICATED DIMENSIONS ARE TO THE CENTER OF THE COVER PLATE OR MONUMENT: CLUSTERS OF OUTLETS ARE DIMENSIONED TO THE CENTER OF THE CLUSTER, UNLESS NOTED OTHERWISE. GANG COVER PLATES SHALL BE ONE- PIECE TYPE, UNLESS NOTED OTHERWISE. 15 MILLWORK: OUTLETS INSIDE AND/OR ATTACHED TO CABINETRY SHALL BE FURNISHED AND INSTALLED TO MATCH SIMILAR CONDITIONS SUCH AS WALL, FLOOR, AND THE LIKE. FURNISH AND INSTALL BOX EXTENSION OR OTHER APPROPRIATE DEVICES AS REQUIRED. ADJACENT OUTLETS SHALL NOT BE GREATER THAN 6" O.C. APART, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE ANY ELECTRICAL WORK OR LIGHTING INSTALLATION INTO MILLWORK AS REQUIRED.

CORRESPOND WITH CIRCUITING OUTLINED ON ENGINEERING DRAWINGS AND CIRCUIT CARD 17 COVER PLATES: CONTRACTOR TO PROVIDE AND INSTALL COVER PLATES FOR ALL WALL MOUNTED

18 DATA AND RECEPTACLES: ALL WALL MOUNTED DATA AND VOICE RECEPTACLES TO HAVE 3/4" CONDUIT

20 OUTLETS LOCATED WITHIN 6' OF WATER SOURCE TO BE GFCI OUTLET

BLOCKING: ALL BLOCKING REQUIRED SHALL BE SCRIBED TO WALL OR CEILING, CONTRACTOR TO CHECK JOB PROGRESS AND COORDINATE WITH OTHER TRADES INVOLVED. CONTRACTOR IS RESPONSIBLE FOR

FIELD VERIFICATION: PRIOR TO THE START OF FABRICATION, THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND SHALL BE RESPONSIBLE FOR SAME. 4 JOINERY: WHERE MEMBERS ARE MITERED OR BUTTED, THEY SHALL BE JOINED AND SECURED IN A

FABRICATION: ALL OF THE WORK SHALL BE FABRICATED, ASSEMBLED, FINISHED, AND ERECTED TO AMERICAN WOODWORKING STANDARDS (AWS) CUSTOM GRADE, UNLESS NOTED OTHERWISE. SURFACES SHALL BE TRUE, STRAIGHT, AND FREE FROM ALL MACHINE AND TOOLS MARKINGS, BRUISES,

ACCESS/DELIVERY: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EXAMINED THE JOB SITE IN CONJUNCTION WITH THE PROJECT DOCUMENTS SO AS TO BE SATISFIED AS TO THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED, INCLUDING SUCH MATTERS AS UNLOADING FACILITIES, LOCATIONS AND SIZES OF ELEVATORS. EQUIPMENT. OR FACILITIES NEEDED PRELIMINARY TO AND DURING THE WORK, AND OTHER CONDITIONS WHICH MAY AFFECT THE WORK.

PROTECTION: THE CONTACTOR SHALL MAINTAIN REASONABLE PROTECTION TO SAFEGUARD HIS WORK FROM DAMAGE AND TO PROTECT BUILDING OWNER'S PROPERTY FROM INJURY OR LOSS ARISING IN

EQUIPMENT FURNISHED UNDER THE CONTRACT WILL BE OF GOOD QUALITY AND NEW UNLESS THE CONTRACT DOCUMENTS REQUIRE OR PERMIT OTHERWISE. THE CONTRACT FURTHER WARRANTS THAT THE WORK WILL CONFORM TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND WILL BE FREE FROM DEFECTS, EXCEPT FOR THOSE INHERENT IN THE QUALITY OF THE WORK THE CONTRACT DOCUMENTS REQUIRE OR PERMIT. WORK, MATERIALS, OR EQUIPMENT NOT CONFORMING TO THESE REQUIREMENTS MAY BE CONSIDERED DEFECTIVE. THE CONTRACTORS WARRANTY EXCLUDES REMEDY FOR DAMAGE OR DEFECT CAUSED BY ABUSE, ALTERATIONS TO THE WORK NOT EXECUTED BY THE

CONTRACTOR, IMPROPER OR INSUFFICIENT MAINTENANCE, IMPROPER OPERATION, OR NORMAL WEAR AND TEAR AND NORMAL USAGE. IF REQUIRED BY THE ARCHITECT, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT. 9 FILE STORAGE: THE CONTRACTOR SHALL SHIM AND LEVEL MILLWORK/COUNTERTOPS/WORKSURFACES

UNITS SHALL BE SHIMMED AND SECURED TO MILLWORK/COUNTERTOP/WORKSURFACE AFTER FILE STORAGE UNIT(S) ARE SET IN PLACE. CONTRACTOR TO LEVEL FLOOR UNDER FILE STORAGE UNIT(S) IN ALL AREAS WHERE FILE STORAGE UNITS ARE GANGED OR INSTALLED BELOW FIXED MILLWORK CABINETRY; PLASTIC LAMINATE SHIMS AS REQUIRED AT FILE STORAGE AREA. 10 FINISH: ALL MILLWORK SHALL RECEIVE FINAL FINISH AT THE SHOP OR FACTORY PRIOR TO DELIVERY

CONTRACTOR SHALL PROTECT ALL FINISHED AND INSTALLED MILLWORK FROM DAMAGE BY OTHER TRADES. DAMAGED OR DEFECTIVE MILLWORK SHALL BE REPLACED BY THE CONTRACTOR AT THEIR COORDINATION: MILLWORK CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL, TELEPHONE, AND

COMMUNICATIONS OUTLETS AND INSTALL GROMMETS IN COUNTERTOP SURFACES AS REQUIRED TO 12 SHELVING: NO UNBRACED LENGTH OF SHELVING AND OR COUNTERWORK SHALL EXCEED 3'-0" WITHOUT

ADDITIONAL SUPPORTS AND OR BLOCKING. ALL END CONDITIONS SHALL BE PROPERLY BLOCKED AND OR 13 OVERHEAD CABINETS: ALL BLOCKING, BACKING AND WOOD CLEATS FOR OVERHEAD CABINETS TO BE

SCREWED AND SECURED TO FULL HEIGHT OR BRACED CEILING HEIGHT METAL STUDS AND WOOD

GENERAL CONSTRUCTION NOTES

- DIMENSIONS: DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN. ALL PARTITION LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT. PARTITION PLAN BY ARCHITECT TAKES PRECEDENCE OVER ALL OTHER PLANS 2 PARTITIONS: ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED AND SANDED SMOOTH WITH NO VISIBLE
- JOINTS OR LINES. ALL SCREWS OR OTHER ATTACHMENT DEVICES SHALL BE PATCHED AND NOT VISIBLE PATCH AND REPAIR SURFACES TO MATCH ADJACENT OR ADJOINING SURFACES WHERE REQUIRED. ALL SURFACES SHALL BE ALIGNED AND SANDED SMOOTH. DIMENSION REFERENCE POINTS: ALL PARTITIONS ARE DIMENSIONED TO FACE OF FINISH OR
- CENTERLINE OF STRUCTURE, UNLESS NOTED OTHERWISE. GRIDLINES ARE ALIGNED WITH CENTER LINE OF STRUCTURE. 4 CLEAR DIMENSIONS: DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE ACCURATELY MAINTAINED, AND SHALL NOT VARY MORE THAN \pm 1/8" WITHOUT WRITTEN INSTRUCTION FROM ARCHITECT.
- 5 DIMENSION TOLERANCES: DIMENSION TOLERANCES SHALL BE WITHIN CODE DEFINED CRITERIA OF AUTHORITY(IES) HAVING JURISDICTION. VERIFY FIELD DIMENSIONS NOT WITHIN TOLERANCES WITH THE ARCHITECT AND SECURE ARCHITECT'S APPROVAL
- DISCREPANCIES: NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS IN THE LOCATION(S) OF NEW CONSTRUCTION. VERIFICATION OF THE PARTITION LAYOUT TO BE PROVIDED BY THE ARCHITECT PRIOR TO PARTITION INSTALLATION.
- 7 EXPOSED EDGES: ALL EXPOSED GYPSUM BOARD EDGES TO HAVE METAL EDGE TRIM. 8 ALIGNMENT: ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE AND TRUE, AND IN PROPER ALIGNMENT. "ALIGN" MEANS TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE.
- 9 MILLWORK: REFER TO MILLWORK SHOP DRAWINGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS. 10 CEILING HEIGHT PARTITIONS: REFER TO REFLECTED CEILING PLANS FOR SOFFITS, CEILING HEIGHTS,
- AND PLENUM BARRIER LOCATIONS. 11 NOTES AND REFERENCES: REFER TO SHEET G00.04 FOR ADDITIONAL NOTES, LEGENDS, SYMBOLS,
- ABBREVIATIONS, AND SCHEDULES. 12 ARCHITECT APPROVAL: OBTAIN APPROVAL FROM ARCHITECT PRIOR TO MODIFYING COLUMN FURRING, RELOCATING PIPES, AND SIMILAR SYSTEMS AND ITEMS, ADJUSTING ANY AND ALL OTHER FIELD CONDITIONS NOT SHOWN IN PLANS AND REQUIRED TO FIT PLANS.
- 13 SLAB WORK: ALL SLAB PENETRATIONS FOR PIPING SHALL BE FULLY PACKED AND SEALED IN ACCORDANCE WITH THE APPLICABLE BUILDING AND FIRE CODES. 14 DOOR CLEARANCES: TRIM THE BOTTOMS OF DOORS TO CLEAR THE TOP OF FINISHED FLOOR, AS
- APPLICABLE, BY 5/8" INCH MAXIMUM, UNLESS NOTED OTHERWISE. VERIFY SLAB CONDITIONS AND TRIM EACH DOOR TO FIT CONDITIONS. WHERE RADICAL VARIATIONS IN FLOOR ELEVATION EXIST, DOORS SHALL BE ORDERED WITH BOTTOM STILE SIZED TO ACCOMMODATE THESE UNDERCUT CONDITIONS.
- 15 GLASS WORK: ALL GLASS SHALL BE CLEAR TEMPERED GLASS, UNLESS NOTED OTHERWISE. GLAZING TONG MARKS SHALL NOT BE VISIBLE. CLEAN AND POLISH ALL GLASS PRIOR TO PROJECT CLOSE-OUT. 16 CEILING HEIGHT PARTITIONS: CEILING HEIGHT PARTITIONS SHALL BE INSTALLED TIGHT TO FINISHED
- CEILING; WITH NO JOINTS VARYING MORE THAN 1/8" OVER 6'-0." 17 DOOR DIMENSIONS: DIMENSIONS LOCATING DOORS ARE TO THE INSIDE EDGE OF JAMB, UNLESS NOTED OTHERWISE. ALL DOORS SHALL HAVE 18" CLEAR ON STRIKE/PULL SIDE OF DOOR. VERIFY AND ADVISE
- ARCHITECT OF EXCEPTIONS PRIOR TO CLOSING OUT PARTITION LAYOUT. 18 MILLWORK: ALL MILLWORK TO BE FASTENED TO THE PARTITION. PROVIDE BACKING FOR ALL MILLWORK
- NOT SUPPORTED ON THE FLOOR AND ALL MILLWORK INSTALLED AT 48" AFF OR GREATER. 19 CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR: MILLWORK, DOORS/FRAMES/HARDWARE, GLAZING AND GLAZING FRAMING, CARPET SEAMING DIAGRAM (IF APPLICABLE), DEMOUNTABLE PARTITIONS
- 21 ALL NEW INTERIOR DOORS/ FRAMES SHALL BE FACTORY FINISHED, UNO. 22 ALL CONCEALED BLOCKING, AND LUMBER IS TO BE FIRE TREATED FOR TYPE I, AND TYPE II CONSTRUCTION.
- 23 CEMENTITIOUS BACKER BOARD (HARDIBACKER BOARD) OR APPROVED EQUAL AT PARTITIONS SCHEDULED TO RECEIVE TILE FINISH, UNO. 24 PROVIDE LVL 5 FINISH GYP.BD SURFACES AT ALL FRONT-OF-HOUSE (FOH) AREAS, AND LVL 4 FINISH
- GYP.BD SURFACES AT ALL BACK-OF-HOUSE (BOH) AREAS, UNO. REPAIR SURFACES TO MATCH ADJACENT OF ADJOINING SURFACES WHERE CONDITION OCCURS 25 DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED. WHERE SPECIFIED
- DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT BEFORE 26 INSTALL METAL CORNER BEADS AT ALL EXPOSED WALLBOARD EDGES, INSTALL CASING BEADS
- WHEREVER WALLBOARD, PLASTER, ETC. ABUTS A DISSIMILAR FINISH MATERIAL & PROVIDE SEALANT AS REQ'D. INSTALL METAL EDGE TRIM AT EXPOSED GYPSUM BOARD EDGE. 27 USE 5/8" TYPE 'X' GYP. BD. THROUGHOUT. USE 5/8" WATER RESISTANT TYPE 'X' GYP. BD AT ALL WET
- ARFAS 28 PROVIDE EXTRA STUDS / BLOCKING AS REQUIRED TO MOUNT ELECTRICAL, MECHANICAL, AND/OR PLUMBING CONTROLS. ENSURE STUDS REMAIN PLUMB.
- 29 ALL GLASS TO BE CLEAR TEMPERED GLASS UON GLAZING TONG MARKS SHALL NOT BE VISIBLE. CLEAN & POLISH ALL GLASS PRIOR TO PROJECT DELIVERY. ALL EXPOSED EDGES SHALL BE POLISHED
- 30 PREP SLAB AS REQUIRED FOR SPECIFIED FINISH. REFER TO FINISH PLAN. 31 ALL PENETRATIONS THROUGH ONE HOUR FIRE RATED WALLS/PARTITIONS SHALL BE PROTECTED WITH UL LISTED FIRE STOP SYSTEM.
- 32 ALL PENETRATIONS AT WALLS/PARTITIONS SHALL HAVE ACOUSTICAL SEALANT. 33 DOOR JAMB LOCATIONS SHALL BE TYPICAL 4" FROM ADJACENT WALL.
- 34 PATCH AND REPAIR ALL SURFACES DAMAGED AS A RESULT OF WORK PERFORMED ON THIS PROJECT 35 PROVIDE PAINTED LAYOUT FOR REVIEW BY ARCHITECT PRIOR TO INSTALLATION OF TRACK AND STUDS. LAYOUT TO INCLUDE PARTITIONS, MILLWORK, SOFFITS, LIGHTS AND ALL SIGNIFICANT ARCHITECTURAL FEATURES. ANY CHANGES REQUIRED DUE TO UNFORESEEN FIELD CONDITIONS SHALL BE ACCOMMODATED AT THE TIME OF REVIEW BY THE ARCHITECT.
- 36 GC TO PROVIDE NECESSARY BACKING AT ALL WALLS TO RECEIVE NEW MILLWORK. PROVIDE BLOCKING FOR ALL MILLWORK NOT SUPPORTED BY SLABS OR ABOVE 4'-0" IN HEIGHT. ALL CONCEALED LUMBER & BLOCKING IS TO BE FIRE TREATED
- 37 REFER TO MILLWORK SHOP DWGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS. 38 PROVIDE BLOCKING PER MANF RECOMMENDATION FOR WALL OR CEILING MOUNTED EQUIPMENT OR
- FURNISHINGS 39 REFER TO WALL TYPES AND CROSS HATCHED AREAS ON FLOOR PLANS FOR LOCATIONS OF ONE-HOUR FIRE RATED PARTITIONS IF APPLICABLE.
- 40 ALL FIRE EXTINGUISHERS SHALL BE VISIBILE AND ACCESSIBLE OR A SIGN WILL BE PROVIDED INDICATING LOCATION OF EXTINGUISHER. SEE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER LOCATIONS.
- 41 REFER TO SHEET A08.00 FOR DOOR AND GATE SCHEDULES
- 42 PROVIDE BLOCKING AS REQUIRED AT ALL LOCATIONS INCLUDING BUT NOT LIMITED TO: GRAB BARS, OVERHEAD CABINETRY, SHELVING, SIGNAGE, TOILET ROOM ACCESSORIES, WALL MOUNTED EQUIPMENT, ETC.
- 43 EVERY ROOM OR SPACE WHICH IS USED FOR ASSEMBLY, CLASSROOM, DINING, DRINKING, OR SIMILAR PURPOSES HAVING AN OCCUPANT LOAD OF 50 OR MORE SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSIPCUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNERS AUTHORIZED AGENT

GENERAL RCP NOTES

- 1 FIXTURE LOCATIONS: LIGHT FIXTURES, EXIT SIGNS, SPRINKLERS, AND OTHER CEILING ELEMENTS SHALL BE
- LOCATED IN CENTER OF INDIVIDUAL CEILING TILE, UNLESS NOTED OTHERWISE. 2 CEILING ACCESS: PROVIDE CEILING ACCESS AS REQUIRED FOR EQUIPMENT AND SYSTEM MAINTENANCE AND MATCH ADJACENT CEILING FINISH, UNLESS NOTED OTHERWISE.
- 3 SOFFITS AND CEILING HEIGHTS DIMENSIONS: ALL SOFFITS AND CEILING HEIGHTS ARE DIMENSIONED FROM TOP OF FINISHED FLOOR TO BOTTOM OF FINISHED GYPSUM BOARD OR CEILING TILE AND SHALL ALLOW FOR THICKNESS OF ALL FLOOR FINISHES.
- 4 DISCREPANCIES: IN THE EVENT OF DISCREPANCIES BETWEEN THE ARCHITECT'S REFLECTED CEILING PLAN AND THE ENGINEER'S LIGHTING PLAN, IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING BEFORE ORDERING MATERIALS OR PROCEEDING WITH WORK.
- 5 CONFLICT: NOTIFY ARCHITECT OF ANY CONFLICTS OF LIGHT FIXTURE LOCATIONS WITH MAIN RUNNERS, DUCTS, STRUCTURES, HVAC, AND/OR EXISTING CONDUIT, PRIOR TO FRAMING FOR LIGHTS. ANY DISCREPANCIES BETWEEN ARCHITECTS CEILING GRID LOCATION AND ACTUAL FIELD CONDITIONS ARE TO BE CLARIFIED WITH THE ARCHITECT PRIOR TO FRAMING.
- 6 LIFE SAFETY DEVICES: REFER TO ENGINEERING DRAWINGS FOR ALL LIFE SAFETY DEVICES REQUIRED BY CODE AND ALL EMERGENCY LIGHT FIXTURES. ARCHITECTURAL DRAWINGS SHALL GOVERN LOCATION OF THESE DEVICES. SPRINKLER HEADFS TO BE FULLY RECESSED AT HARD LID CEILINGS, ESCUTCHEON TO MATCH CEILING FINISH.
- 7 SPRINKLER HEADS IN GYP. BD CEILINGS TO BE FULLY RECESSED WITH ESCUCHEON PLATE TO MATCH CEILING COLOR (COORDINATE WITH ARCHITECT), SPRINKLER HEADS TO BE WHITE. FIRE SPRINKLERS AT BAFFLE CEILING TO BE BLACK
- 8 ACCESS PANELS AT GYP. BOARD CEILINGS TO BE FLUSH PANELS WITH GYP. BRD. INSET AND HAIRLINE JOINTS.

- 4 WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK TYPE TOILETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE US EPA WATERSENSE SPECIFICATION. URINALS SHALL NOT EXCEED 0.125 GALLONS PER FLUSH.
- MINUTE AT 80 PSI.
- ORDINANCE.

- REQUIREMENTS:

SCHOOLS PROGRAM

- - OR 5.507.4.2.

STORMWATER REQUIREMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT & MUD ON ADJACENT STREET(S), DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. AT THE END OF EACH WORK DAY, OR AFTER A STORM EVENT THAT CAUSES A BREECH IN INSTALLED CONSTRUCTION BMP'S WHICH MAY COMPROMISE STORM WATER QUALITY WITHIN ANY STREET(S). A STABALIZED CONSTRUCTION EXIT MAY BE REQUIRED TO PREVENT CONSTRUCTION VEHICLES OR EQUIPMENT FROM TRACKING MUD OR SILT ONTO THE STREET

ALL STOCKPILES OF SOIL &/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT FOR A PERIOD GREATER THAN 7 CALENDAR DAYS ARE TO BE COVERED. ALL REMOVABLE BMP DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN 5 DAY RAIN PROBABILITY FORECAST EXCEEDS 40%. A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS WHICH ARE TO BE POURED IN PLACE ON SITE. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER

AFTER EACH RUN-OFF PRODUCING RAINFALL AOR AFTER ANY MATERIAL BREACH IN EFFECTIVENESS. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.

THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.

ENERGY EFFICIENCY STANDARDS

2019 CALIFORNIA ENERGY CODE - TITLE 24 PART 6

1 ANY FENESTRATION PRODUCT OR EXTERIOR DOOR. OTHER THAN FIELD-FABRICATED PRODUCTS. SHALL BE CERTIFIED AND LABELED TO MEET THE FOLLOWING REQUIREMENTS PER E.E.S. SEC 110.6: AIR LEAKAGE: <0.3 CFM/SF

- 'U' FACTOR: NFRC 100 OR PER TABLE 110.6-A (E.E.S.) SHGC: NFRC 200 OR PER TABLE 110.6-B (E.E.S.)
- VISIBLE LIGHT TRANSMITTANCE (VT) PER NFRC 200 OR ASTM E972
- 2 FIELD FABRICATED FENESTRATION AND EXTERIOR DOORS SHALL COMPLY WITH U-FACTORS FROM TABLE 110.6-A (E.E.S.) AND SHGC VALUES FROM TABLE 110.6-B (E.E.S.) & SHALL BE CAULKED BETWEEN THE PRODUCT AND THE BUILDING AND SHALL BE WEATHERSTRIPPED (EXCEPT UNFRAMED GLASS DOORS AND FIRE DOORS)
- 3 JOINTS AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED, OR OTHERWISE SEALED TO LIMIT INFILTRATION AND EXFILTRATION (SEC 110.7 E.E.S.)
- 4 INSULATION PRODUCTS SHALL MEET THE CERTIFICATION REQUIREMENTS OF E.E.S. SEC 110.8 AND THE FLAME SPREAD RATING OF THE CBC. WHERE ROOF IS INSULATED, FIXED VENTS OR OPENINGS TO THE OUTDOORS OR TO UNCONDITIONED SPACES SHALL NOT BE INSTALLED. THE OPAQUE PORTIONS OF FRAMED DEMISING WALLS SHALL BE INSULATED AS FOLLOWS: WOOD FRAMED WALLS - U-FACTOR NOT LESS THAN 0.099, METAL FRAMED WALLS - U-FACTOR NOT GREATER THAN 0.151 (SEC 120.7(b)7) 5 ROOFING PRODUCTS SHALL MEET THE SOLAR RELFECTANCE AND TERMAL EMITTANCE REQUIREMENTS OF E.E.S. SEC 110.8(i)

CALGREEN NOTES

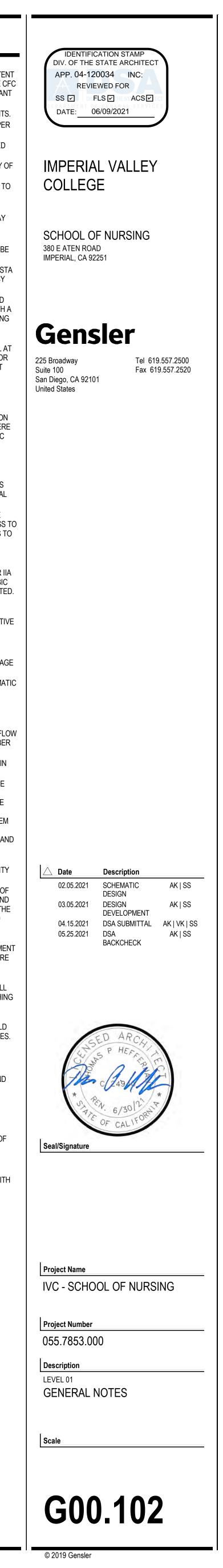
2019 CALIFORNIA GREEN BUILDING STANDARDS - TITLE 24 PART 11

- THE NON-RESIDENTIAL REQUIREMENTS OF THE CALIFORNIA GREEN BUILDING CODE APPLIES TO ALL NEW NON-RESIDENTIAL CONSTRUCTION INCLUDING HIGH RISE BUILDINGS, ADDITIONS OF 1,000 SQUARE FEET OR GREATER. AND/OR BUILDING ALTERATIONS WITH A PERMIT VALUATION OF \$200,000 OR ABOVE. NON-RESIDENTIAL BUILDING INCLUDES ALL OCCUPANCIES THAT ARE WITHIN THE AUTHORITY OF THE CALIFORNIA BUILDING STANDARD COMMISSION.
- 1 STORM WATER POLLUTION CONTROL PREVENTION: COMPLY WITH LOCAL STORM WATER MANAGEMENT AND EROSION CONTROL ORDINANCES.
- 2 LIGHT POLLUTION REDUCTION: COMPLY WITH LOCAL LIGHT POLLUTION CONTROL ORDINANCE. 3 PLUMBING FIXTURES SHALL MEET THE MAXIMUM FLOW RATE VALUES SHOWN IN CALIFORNIA GREEN BUILDING CODE TABLE 5.503.3.
- 6 SINGLE SHOWER HEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER WHERE THERE ARE MULTIPLE SHOWER HEADS SERVING ONE SHOWER AND CONTROLLED BY A SINGLE
- VALVE, THE COMBINED FLOW RATE OF ALL SHOWERHEADS SHALL NOT EXCEED 2.0 GALLONS PER MINUTE AT 80 PSI. 8 CONSTRUCTION WASTE MANAGEMENT SHALL COMPLY WITH LOCAL ORDINANCES.
- 9 PROVIDE READILY ACCESSIBLE RECYCLING AREAS FOR BUILDING OCCUPANTS PER LOCAL
- 10 COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION: AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HVAC EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE. PLASTIC. SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM.
- 11 ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS AS SHOWN IN CAL GREEN TABLES 5.504.4.1 AND 5.504.4.2. SUCH PRODUCTS ALSO SHALL COMPLY WITH RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHOLORFORM, ETHYLENE DICHLORIDE. METHYLLENE CHLORIDE, PERCHLOROETHYLENE AND TRICHLOROETHYLENE).
- 12 AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC
- COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507. 13 ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL COATINS SUGGESTED CONTROL MEASURE, AS SHOWN IN CAL GREEN TABLE 5.504.4.3. UNLESS MORE STRINGENT LOCAL LIMITS APPLY. THE VOC CONTENT LIMIT FOR COATING THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE5.504.4.3 SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NONFLAT OR NONFLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36 AND 4.37 OF THE 2007 CALIFORNIA AIR RESOURCE BOARD SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NONFLAT OR NONFLAT-HIGH GLOSS VOC LIMIT IN TABLE 5.504.4.3, SHALL APPLY. 14 AEROSOL PAINTS AND COATINGS SHALL MEET THE PWMIR LIMITS FOR ROC IN SECTION 94522(A)(3) AND
- OTHER REQUIRMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(C)(2) AND (D)(2) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94520.
- 15 ALL CARPET INSTALLED IN BUILDING INTERIORS SHALL MEET AT LEAST ONE OF THE FOLLOWING (A) CARPET AND RUG INSTITUTES GREEN LABEL PLUS PROGRAM
- (B) COMPLIANT W/ THE VOC EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FOR INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS VERSION 1.1 FEBRUARY 2010
- (C) NSF/ANSI 140 AT THE GOLD LEVEL OR HIGHER (D) SCIENTIFIC CERTIFICATIONS SYSTEM SUSTAINABLE CHOICE
- (E) COMPLIANT W/ CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE
- 16 ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTES'S GREEN LABEL PROGRAM. 17 HARDWOOD PLYWOOD, PARTICLE BOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD
- PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN THE ARB'S AIR TOXICS CONTROL MEASURE (ACTM) FOR COMPOSITE WOOD (17 CCR 93120 ET SEQ.) THOSE MATERIALS NOT EXEMPTED UNDER THE ACTM MUST MEET THE SPECIFIED EMISSION LIMITS, AS SHOWN IN CAL GREEN TABLE 5.504.4.5.
- 18 RESILIENT FLOORING SYSTEMS: FOR 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING, INSTALLED RESILIENT FLOORING SHALL MEET ONE OF THE FOLLOWING: (A) CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOOR SCORE PROGRAM (B) COMPLIANT WITH THE VOC EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION CHAMBERS, VERSION 1.1 DATED FEBRUARY 2010 (C) COMPLIANT WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS)
- CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE (D) COMPLIANT WITH CDPH CRITERIA AS CERTIFIED UNDER THE GREENGUARD CHILDREN'S AND
- 19 ACOUSTICAL CONTROL: EMPLOY BUILDING ASSEMBLIES AND COMPONENTS WITH SOUND TRANSMISSION CLASS (STC) VALUES DETERMINED IN ACCORDANCE WITH ASTM E 90 AND ASTM E 413 OR OUTDOOR-INDOOR SOUND TRANSMISSION CLASS (OITC) DETERMINED IN ACCORDANCE WITH ASTM E 1332, USING EITHER THE PRESCRIPTIVE OR PERFORMANCE METHOD IN CAL GREEN SECTION 5.507.4.1
- 20 INTERIOR SOUND TRANSMISSION: WALL AND FLOOR-CEILING ASSEMBLIES SEPARATING TENANT SPACES AND TENANT SPACES AND PUBLIC SPACES SHALL HAVE AN STC OF AT LEAST 40. 21 NEW INSTALLATIONS OF HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CHOLORFLUOROCARBONS (CFCs) OR HALONS.
- 22 A LETTER FROM THE CONTRACTOR AND/OR THE BUILDING OWNER CERTIFYING WHAT MATERIALS IN NOTE #11 AND PAINTS IN NOTE #13 HAVE BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR.

FIRE DEPARTMENT NOTES

2019 CALIFORNIA FIRE CODE - TITLE 24 PART 9)

- CONSTRUCTION DOCUMENTS APPROVED BY THE FIRE CODE OFFICIAL ARE APPROVED WITH THE INTENT THAT SUCH CONSTRUCTION DOCUMENTS COMPLY IN ALL RESPECTS WITH CURRENT CODE AND THE CFC CHAPTER 33. REVIEW AND APPROVAL BY THE FIRE CODE OFFICIAL SHALL NOT RELIEVE THE APPLICANT OF THE RESPONSIBILITY OF COMPLIANCE WITH THIS CODE (CFC 105.4.4).
- FIRE HYDRANTS SHALL COMPLY WITH CITY OF CHULA VISTA STANDARDS FOR ON-SITE FIRE HYDRANTS FIRE HYDRANT LOCATIONS SHALL BE IDENTIFIED BY THE INSTALLATION OF REFLECTIVE MARKERS. PER CHULA VISTA STANDARD
- FIRE APPARATUS ACCESS ROADS AND WATER SUPPLIES FOR FIRE PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING TIME OF CONSTRUCTION. CFC 503,507 ANYTIME A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF
- NOT LESS THAN 1 FC AT THE FLOOR LEVEL. COMPLETE PLANS AND SPECIFICATIONS FOR THE OPERATION OF ELEVATORS SHALL BE SUBMITTED TO
- FIRE AND LIFE SAFETY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. BOLLARDS SHALL COMPLY WITH CITY OF CHULA VISTA STANDARD FOR DEMOUNTABLE POSTED IF BOLLARDS ARE TO BE LOCKED EITHER A KNOX PAD LOCK OR A NON-CASE HARDENED, BREAKAWAY LOCK (CAPABLE OF BEING CUT WITH FIRE DEPARTMENT BOLT CUTTERS) SHALL BE PROVIDED.
- BOLLARDS SHALL WEIGH NO MORE THAN 25 POUNDS EACH.
- ACCESS ONTO FIRE LANE OVER HARDSCAPE AREAS ADJACENT TO BUILDING ADA ENTRANCE SHALL BE EITHER A ROLLED CURB OR A CURB CUT SATISFACTORY TO THE FIRE MARSHAL STRUCTURAL PAVEMENT REQUIREMENTS SHALL MEET A MINIMUM TRAFFIC INDEX (TI) PER CHULA VISTA STANDARDS WHERE EMERGENCY VEHICLES WILL POTENTIALLY BE POSITIONED DURING EMERGENCY OPERATIONS .
- LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906 AND 12 CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 19. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR BUILDING DEPARTMENT INSPECTOR.
- 13 DURING CONSTRUCTION. AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY, IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC 3315.1
- BUILDINGS UNDERGOING CONSTRUCTION. ALTERATION. OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33. WELDING, CUTTING, AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.
- ADDRESS IDENTIFICATION SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS IN A LOCATION THAT IS PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. WHERE ACCESS IS BY WAY OF A PRIVATE ROAD AND BUILDING ADDRESS CANNOT BE VIEW FROM THE PUBLIC WAY, AN APPROVED SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. PREMISES IDENTIFICATION SHALL CONFORM TO THE CHULA VISTA FIRE DEPARTMENT POLICY.
- WALL, FLOOR AND CEILING FINISHES AND MATERIALS SHALL NOT EXCEED THE INTERIOR FINISH CLASSIFICATIONS IN CBC TABLE 803.9 AND SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 19, DIVISION 1. DECORATIVE MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL WITH APPROPRIATE DOCUMENTATION PROVIDED TO THE CITY OF CHULA VISTA
- 17 KEY BOXES SHALL BE PROVIDED FOR ALL (HIGH-RISE BUILDINGS, POOL ENCLOSURES, GATES IN THE PATH OF FIREFIGHTER TRAVEL TO STRUCTURES, SECURED PARKING LEVELS, DOORS GIVING ACCESS TO ALARM PANELS AND/OR ANNUNCIATORS, AND ANY OTHER) STRUCTURES OR AREAS WHERE ACCESS TO AN AREA IS RESTRICTED.
- DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS. OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER SYSTEM OR LOCATED IN A TYPE I OR IIA STRUCTURE SEPARATED BY 10 FEET FROM OTHER STRUCTURES, CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE NON- OR LIMITED COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. CFC 304.3.
- 19 EXITS, EXIT SIGNS, FIRE ALARMS PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL.
- OPEN FLAMES, FIRE, AND BURNING ON ALL PREMISES IS PROHIBITED EXCEPT AS SPECIFICALLY PERMITTED BY THE CITY OF CHULA VISTA AND CFC 308. 21 THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE
- IS PERMITTED IN ANY EGRESS PATHS. 22 COMPLETE PLANS AND SPECIFICATIONS FOR ALL FIRE EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLER AND STANDPIPE SYSTEMS AND OTHER SPECIAL FIRE EXTINGUISHING SYSTEMS AND RELATED APPURTENANCES SHALL BE SUBMITTED TO DIVISION STATE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. CFC 901.2
- 23 FIRE SPRINKLER SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CBC 903.3. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS AND WATERFLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRONICALLY MONITORED WHERE THE NUMBER OF SPRINKLERS SERVED IS 20 OR MORE. CBC 903.4.
- 25 ONE APPROVED AUDIBLE DEVICE MUST BE CONNECTED TO EVERY AUTOMATIC SPRINKLER SYSTEM IN AN APPROVED LOCATION ON THE EXTERIOR OF THE STRUCTURE. CBC 903.4.2. AUTOMATIC FIRE SPRINKLER SYSTEM(S) AND ALL CONTROL VALVES, WITH THE EXCEPTION OF THOSE LISTED IN CBC 903.4 SHALL BE MONITORED BY A UL LISTED CENTRAL ALARM STATION. AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRAL, PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION. ALTERATIONS OR ADDITIONS TO THE FIRE SPRINKLER AND FIRE ALARM SYSTEM SHALL BE DONE IN COMPLIANCE WITH NFPA 13, NFPA 72, AND THE CBC. COMMON USE AREAS ARE DEFINED TO INCLUDE BREAK ROOMS, CONFERENCE ROOMS, OPEN AREAS, CORRIDORS, HALLWAYS AND LOBBIES. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY LOCAL AUTHORITIES HAVING
- JURISDICTIONS. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED TO THE CITY HAVING JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. CFC 907.1.1.
- 28 FIRE ALARM SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CBC 907.6. LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK. EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE
- IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT, STANDPIPES SHALL BE PROVIDED DURING CONSTRUCTION WHEN THE HEIGHT REACHES 40 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS. A FIRE DEPARTMENT CONNECTION SHALL BE NO MORE THAN 100 FEET FROM AVAILABLE FIRE DEPARTMENT VEHICLE ACCESS ROADWAYS. CFC 3310, 3313
- WHERE APPLICABLE, AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED TO PROTECT COMMERCIAL-TYPE FOOD HEATING EQUIPMENT THAT PRODUCES GREASE-LADEN VAPORS AND SHALL COMPLY WITH 2013 CFC, CMC AND NFPA 17A. REVIEW AND APPROVAL OF A HOOD DUCT EXTINGUISHING SYSTEM IS REQUIRED PRIOR TO INSTALLATION OR USE OF COOKING EQUIPMENT.
- PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES 32 PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES
- 33 MAINTAIN AISLES AT LEAST 44' WIDE AT PUBLIC AREAS.
- STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS. 35 BUILDINGS UNDER GOING CONSTRUCTION, ALTERATIONS, OR DEMOLITION SHALL CONFIRM TO CFC CHAPTER 14. WELDING, CUTTING AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC
- CHAPTER 26. COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED WITHIN BUILDINGS. COMBUSTIBLE DEBRIS RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH SHIFT OF WORK. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE DISPOSED OF BY BURNING ON SITE UNLESS APPROVED.
- 37 THE OWNER SHALL DESIGNATE A PERSON TO BE THE FIRE PREVENTION PROGRAM 38 INTERNAL COMBUSTION POWERED CONSTRUCTION EQUIPMENT SHALL BE USED IN ACCORDANCE WITH ALL OF THE FOLLOWING CONDITIONS: (A) EQUIPMENT SHALL BE LOCATED SO THAT EXHAUSTS DO NOT DISCHARGE
- (B) EXHAUSTS SHALL BE PIPED TO THE OUTSIDE OF THE BUILDING (C) EQUIPMENT SHALL NOT BE REFUELED WHILE IN OPERATION
- (D) FUEL FOR EQUIPMENT SHALL BE STORED IN AN APPROVED AREA OUTSIDE OF THE BUILDING





6"

NOTE:

 \rightarrow

SCALE: 3" = 1'-0"

1 1/4" DIA.

GRAB BAR

SNAP FLANGE COVER

SCALE: 3" = 1'-0"

CLF

48" GRAB BAR- MINIMUM 3 STUDS

36" GRAB BAR- MINIMUM 2 STUDS

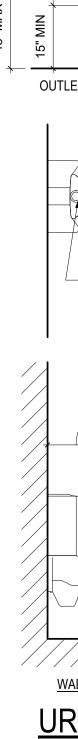
SCALE: 1" = 1'-0"

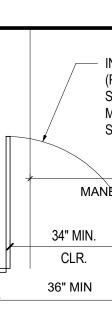
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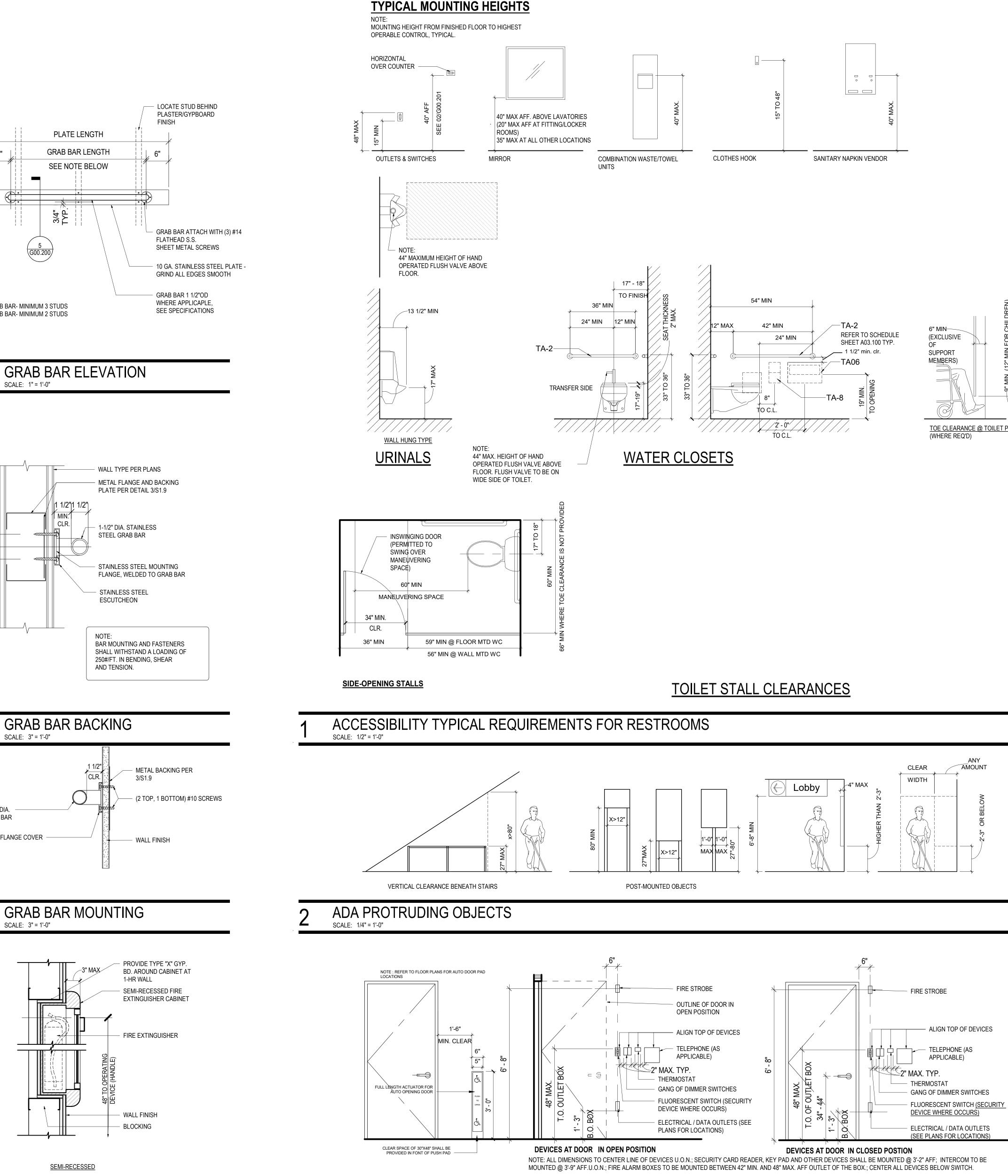
G00.200

3/4" TYP









FIRE EXTINGUISHER CABINET

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

SEMI-RECESSED

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

ADA TYPICAL MOUNTING DIAGRAM @ DOOR

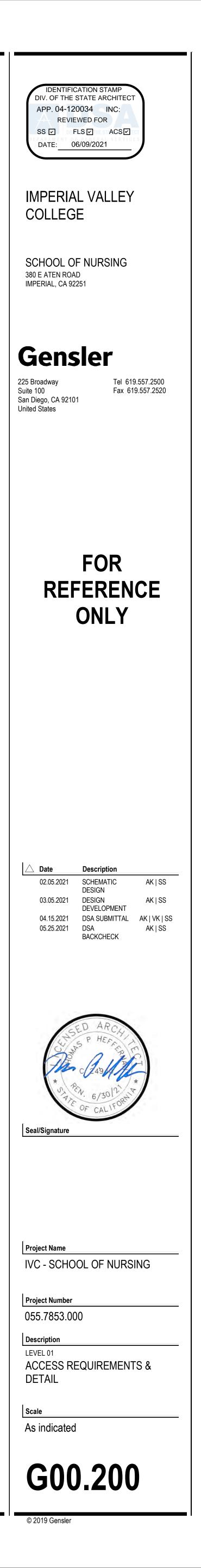
GENERAL NOTES ADA

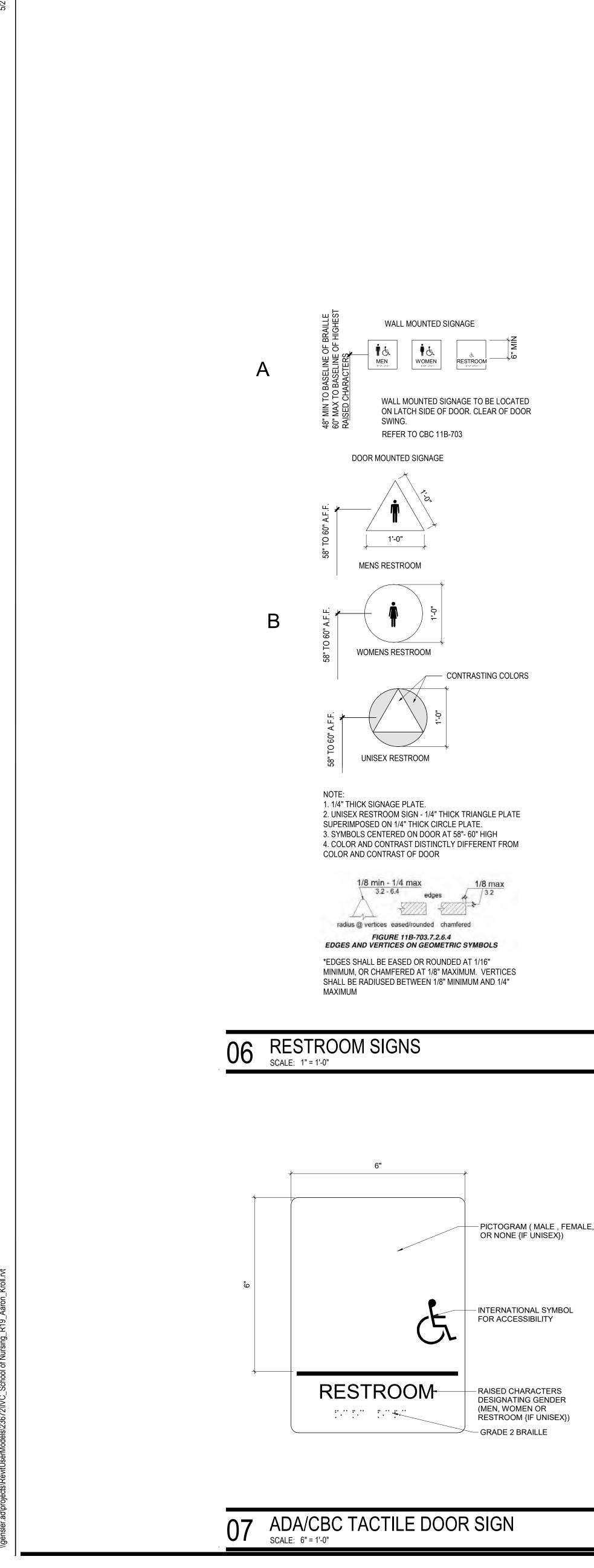
CALIFORNIA BUILDING CODE CHAPTER 11B

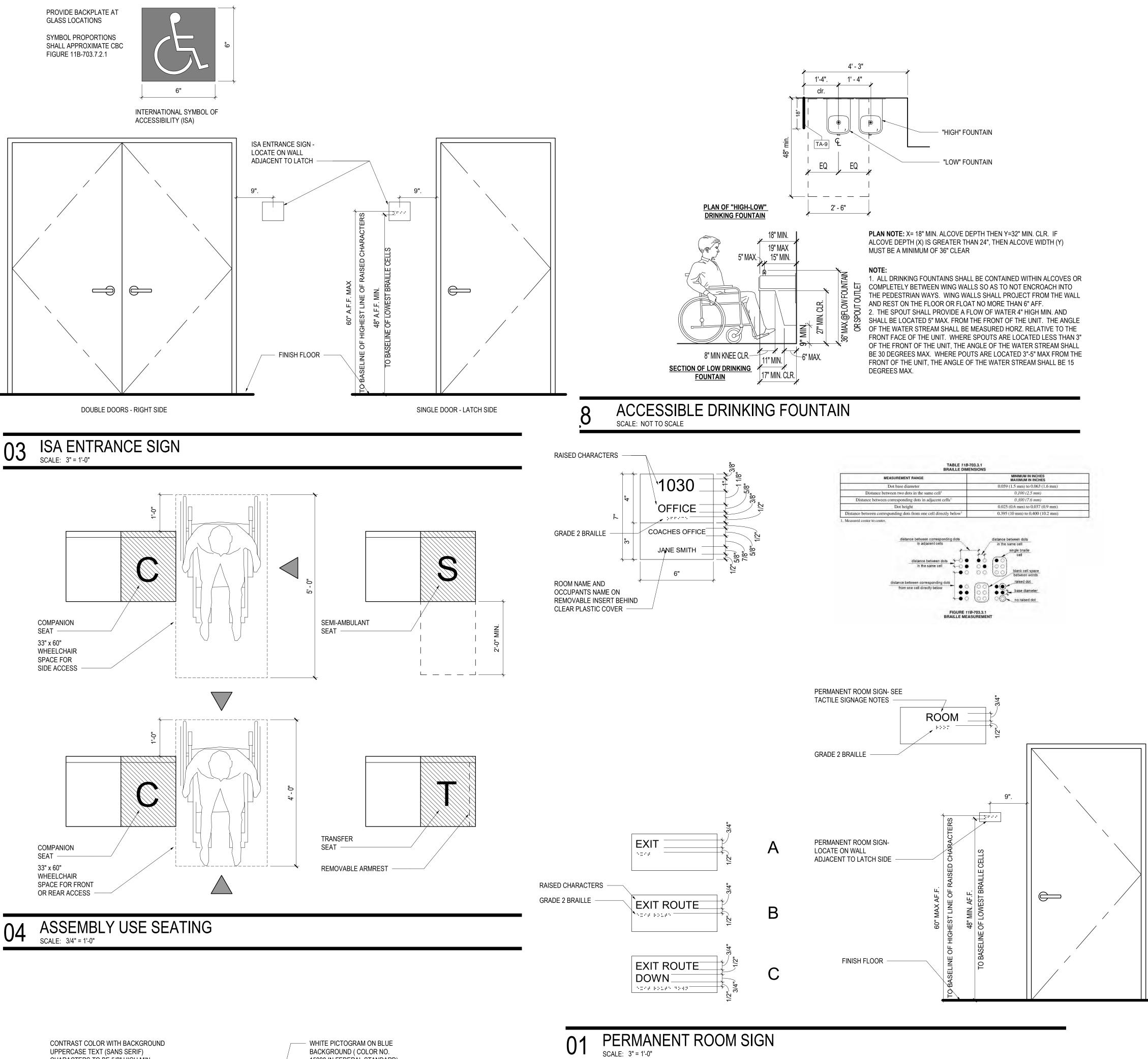
- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL BEAVE A FIRM CUSHION, PAD, OR
- BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, LEVEL CUT/UNCUT PILE TEXTURE, PILE HEIGHT SHALLBE 1//2 INCH MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTEND TO THE FLOOR SURFACES AND SHALL HAVE TRIM ON
- THE ENTIRE LENGTH OF THE EXPOSED EDGE. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH DIAMETER.
- 4 CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT, CHANGES IN LEVEL BETWEEN ¼ INCH HIGH MINIMUM AND ½ INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
- CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALKS. SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. A WARNING CURB IS NOT REQUIRED BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY. A WARNING CURB IS NOT REQUIRED WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK.
- 7 FLOOR OR GROUND SURFACES OF A TURNING SPACE FOR WHEEL CHAIRS SHALL NOT HAVE CHANGES IN LEVEL. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. THE TURNING SPACE SHALL BE 60 INCHES IN DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.
- WHEELCHAIR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM. CHANGES IN LEVEL ARE NOT PERMITTED IN THIS SPACE. SPACE CAN BE POSITIONED IN A FORWARD OR PARALLEL APPROACH. WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH CBC 11B-306.
- PROTRUDING OBJECTS: OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 ½ INCHES.
- 10 POST MOUNTED OBJECTS: FREE-STANDING OBJECTS MOUNTED ON POLES OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IN MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY. EDGES ON OBJECTS MOUNTED LESS THAN 80 INCHES ABOVE THE FLOOR OR GROUND SURFACE, SHALL HAVE ROUNDED OR EASED EDGES AND
- THE CORNERS SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. 11 VERTICAL CLEARANCE: VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
- 12 PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. 13 REACH RANGES FOR OCCUPANTS IN WHEELCHAIRS SHALL COMPLY WITH CBC 11B-308. 14 OPERABLE PARTS: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE
- TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. 15 THE RUNNING SLOPE OF WALKING SURFACES SHALL NO BE STEEPER THAN 1:20. THE CROSS SLOPE OF
- WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. 16 CLEAR WIDTH REQUIREMENTS FOR WALKING SURFACES SHALL COMPLY WITH CBC 11B-403.5.
- 17 ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE A RESTING AREA, 60 INCHES IN LENGTH, AT INTERVALS OF 400 FEET MXIMUM. THE RESTING AREA SHALL BE A LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48. 18 DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS FOR
- DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WITH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.
- 19 MANUEVERING CLEARANCES AT DOORS SHALL COMPLY WITH CBC TABLE 11B-404.2.4.1. CHANGES IN LEVEL ARE NOT PERMITTED WITHIN THESE CLEARANCES. SLOPES NOT STEEPER THATN 1:48 SHALL BE PERMITTED. THRESHOLDS ARE PERMITTED THAT COMPLY WITH CBC 11B-404.2.5. 20 THRESHOLDS, IF PROVIDED AT DOOR WAYS, SHALL BE 1/2 INCH HIGH MAXIMUM. CHANGES IN LEVELS AT
- DOORWAYS SHALL COMPLY WITH CBC SECTIONS 11B-302 AND 11B-303. 21 DOOR AND GATE HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH CBC SECTION 11B-309.4. OPERABLE PARTS OF SUCH HARDWARE
- SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 22 DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM A OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IN 5 SECONDS MINIMUM. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF
- 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM. 23 THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE 5 POUNDS MAXIMUM FOR INTERIOR HINGED DOORS AND GATES, 5 POUNDS MAXIMUM FOR SLIDING OR FOLDING DOORS, AND 5 POUNDS MAXIMUM FOR EXTERIOR HINGED DOORS. FOR REQUIRED FIRE DOORS, THE MINIMUM OPENING FORCE ALLOWABLE THE APPROPRIATE ADMINISTRATIVE AUTHORITY, SHALL NOT EXCEED 15 POUNDS.
- 24 SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES.
- 25 TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MINIMUM FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM SMOOTH SURFACE REQUIREMENT.
- 26 VISION LIGHTS IN DOORS, GATES, AND SIDE LIGHTS ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE GLAZED PANEL LOCATED 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR. GLAZING PANELS WITH THE LOWEST PART MORE THAN 66 INCHES FROM THE FINISH FLOOR OR GROUND SHALL NOT BE REQUIRED TO COMPLY WITH THIS REQUIREMENT.
- 27 RAMPS RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. CROSS SLOPE ON RAMP RUNS SHALL NOT BE STEEPER THAN 1:48. THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48" MINIMUM. HANDRAILS MAY PROJECT INTO THE REQUIRED WIDTH OF THE RAMP AT EACH SIDE 3 ½ INCHES MAXIMUM AT THE HANDRAIL HEIGHT. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. RAMPS SHALL HAVE HANDRAILS COMPLYING WITH CBC SECTION 11B-505. EDGE PROTECTION COMPLYING WITH CBC SECTION 11B-405.9.3 SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDING.
- 28 STAIRS: ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. OPEN RISERS ARE NOT PERMITTED. TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48. INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE PROVIDING CLEAR CONTRAST. THE STRIPE SHALL BE A MINIMUM OF 2 INCHES TO A MAXIMUM OF 4 INCHES WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM, THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS A LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIP SHALL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT.
- 29 HANDRAILS SHALL COMPLY WITH CBC SECTION11B-505. TOP OF GRIPPING SURFACES FOR HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. THE CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 1 ¹/₂" MINIMUM.
- 30 FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 AND CBC CHAPTER 9, SECTIONS 907.5.2.1 AND 907.5.2.3. DETECTABLE WARNINGS SHALL COMPLY WITH CBC SECTION 11B-705.1.1 AND SHALL BE USED IN THE FOLLOWING LOCATIONS AS NOTED IN CBC SECTION 11B-705.1.2: PLATFORM EDGES; CURB RAMPS;
- ISLANDS OR CUT-THROUGH MEDIANS; BUS STOPS; HAZARDOUS VEHICULAR AREAS; REFLECTING POOLS; & TRACK CROSSINGS. 32 THE HEIGHT OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES
- MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 33 SALES AND SERVICE COUNTERS: FOR PARALLEL APPROACH. A PORTION OF THE COUNTER THAT IS 36 INCHES LONG MINIMUM AND 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. FOR FORWARD APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 34 INCHES HIGH MAXIMUM SHALL BE PROVIDED. KNEE AND TOE SPACE COMPLYING WITH CBC SECTION 11B-306 SHALL BE PROVIDED UNDER THE COUNTER. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH CBC SECTION 11B-305 SHALL BE POSITIONED FOR A FORWARD APPROACH TO THE COUNTER.

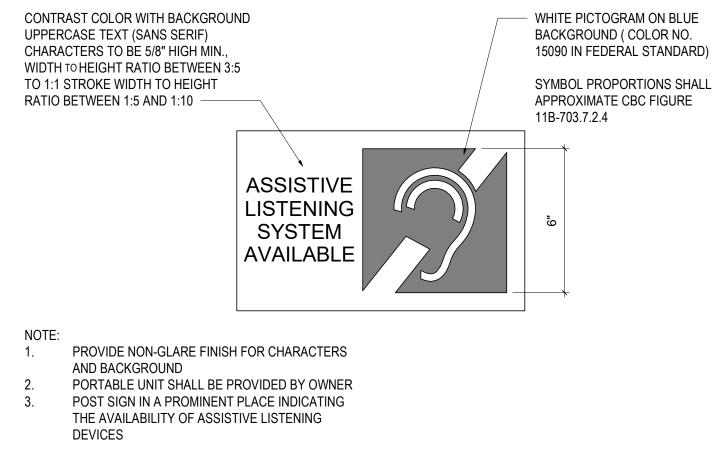
TOE CLEARANCE @ TOILET PARTITIONS

ANY AMOUNT

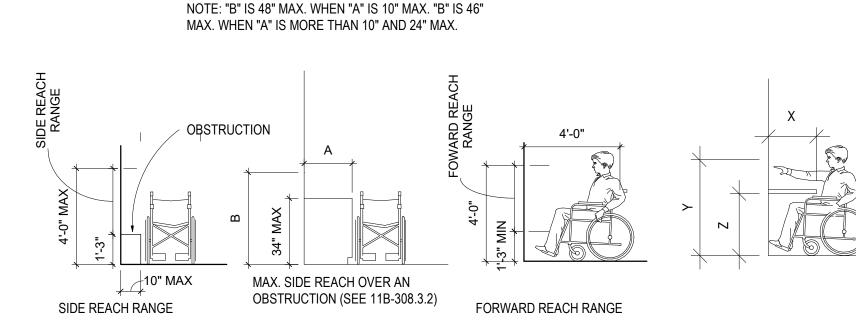




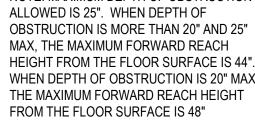




02 CBC/ADA REACH RANGES

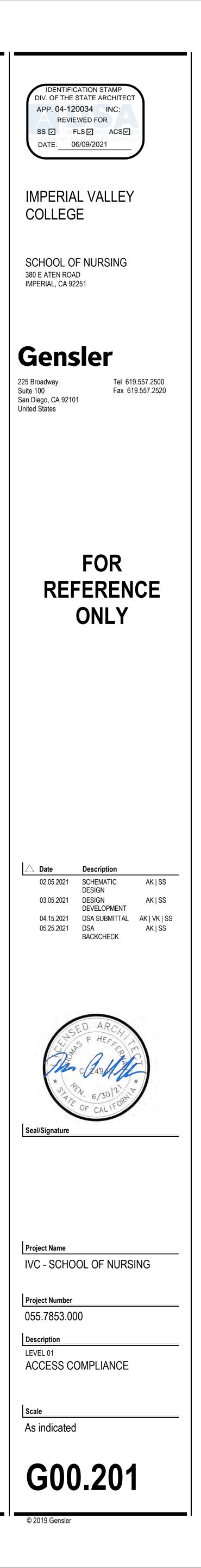


NOTE: MAXIMUM DEPTH OF OBSTRUCTION ALLOWED IS 25". WHEN DEPTH OF OBSTRUCTION IS MORE THAN 20" AND 25" MAX, THE MAXIMUM FORWARD REACH HEIGHT FROM THE FLOOR SURFACE IS 44". WHEN DEPTH OF OBSTRUCTION IS 20" MAX, THE MAXIMUM FORWARD REACH HEIGHT

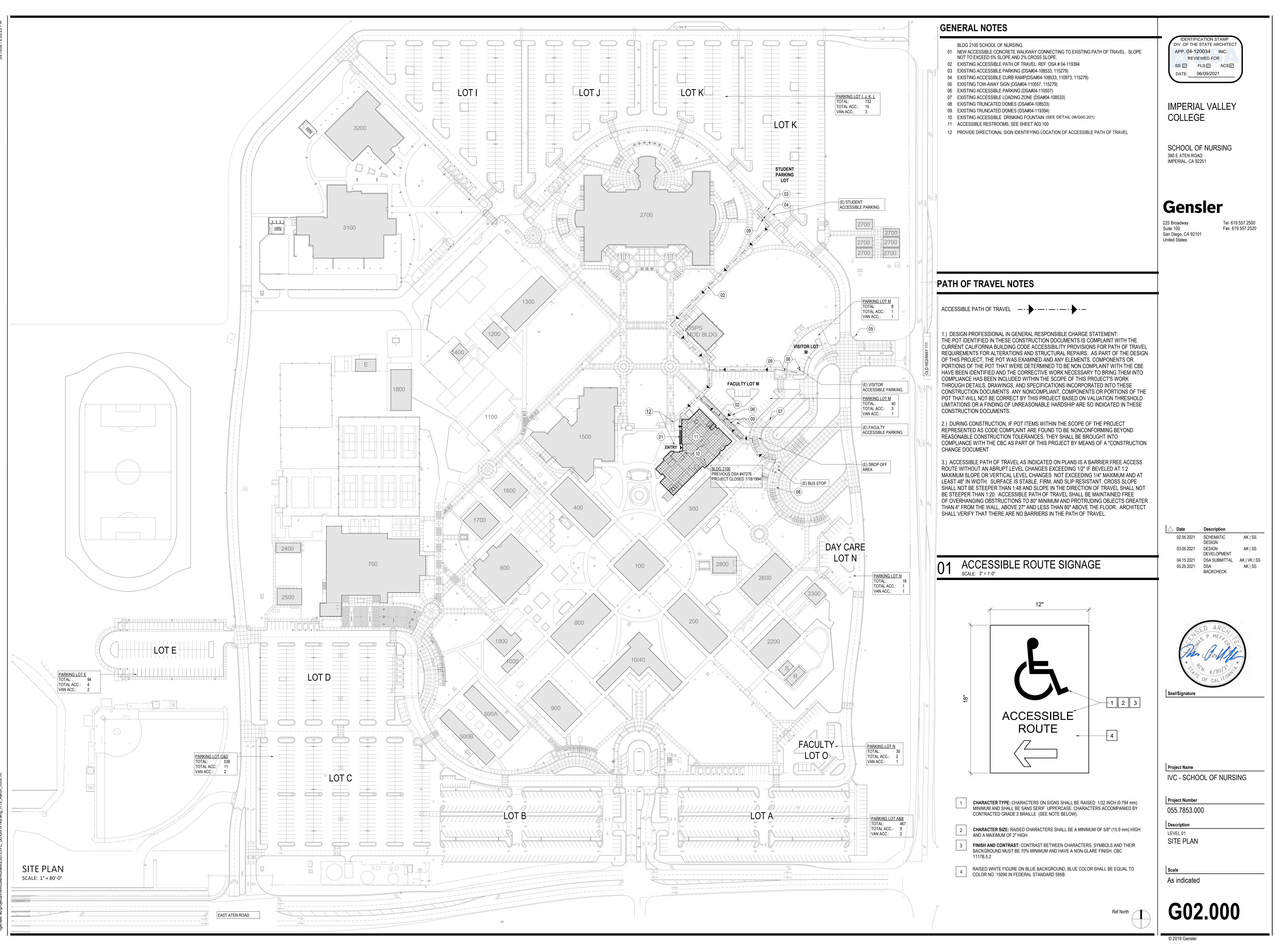


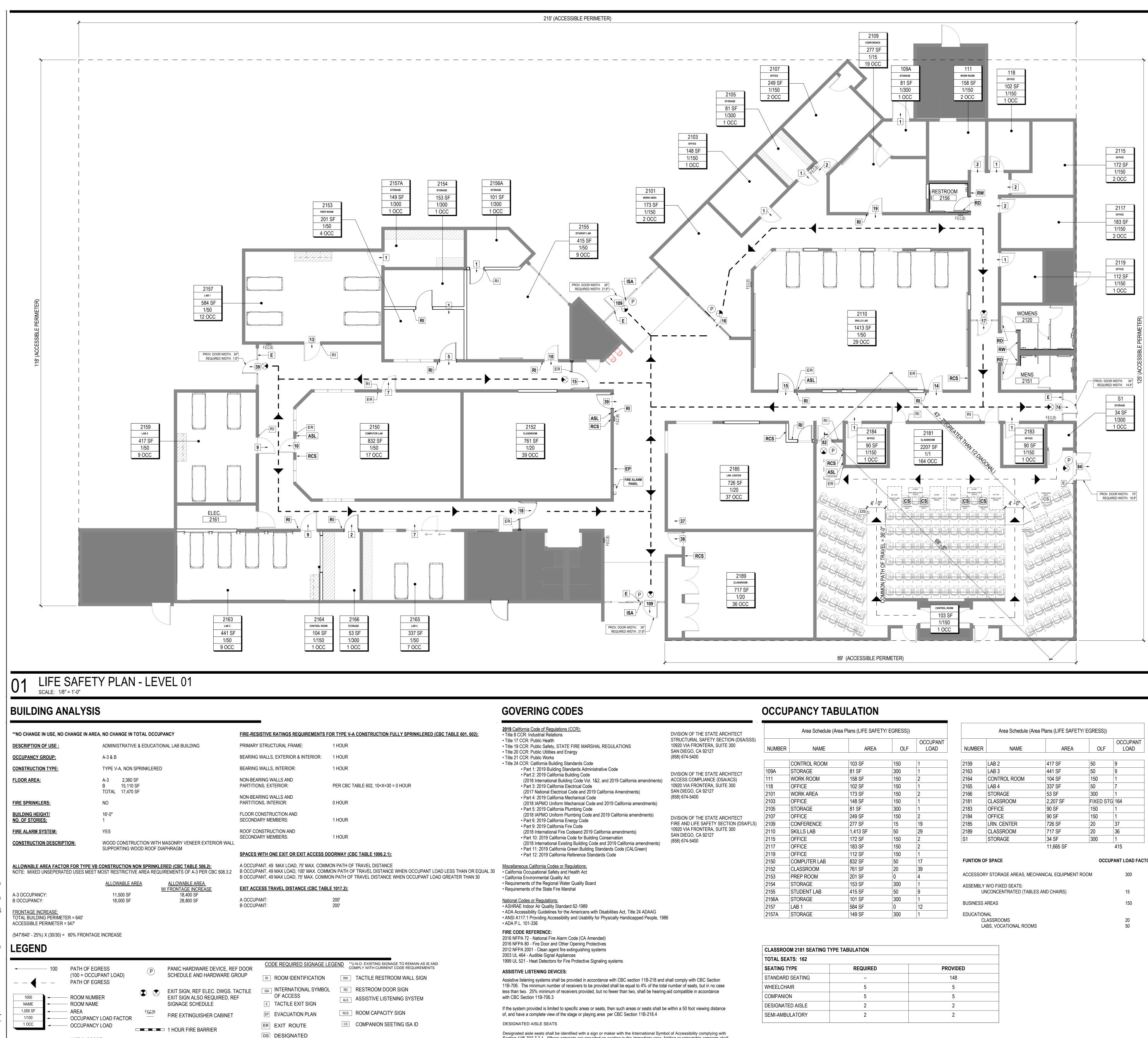
X=DEPTH OF OBSTRUCTION Y=MAXIMUM REACH HEIGHT Z=MIN. CLEAR SPACE BELOW

OBSTRUCTION









NOT IN SCOPE

AISLE SEAT



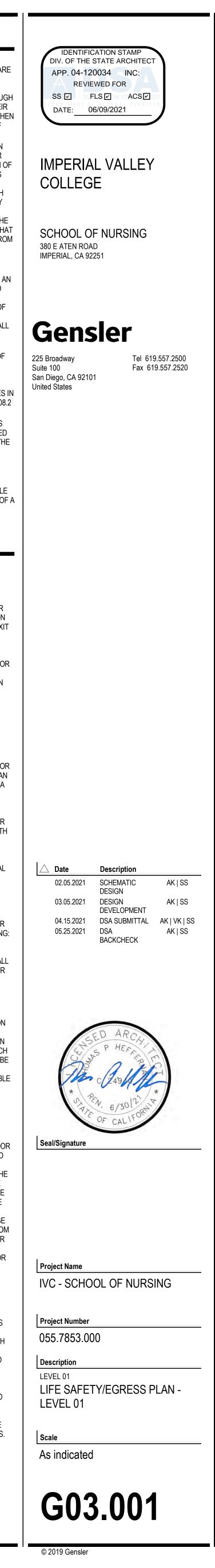
	GOVERING CODES		OCCU	PANCY TAE	BULATION							
CONSTRUCTION FULLY SPRINKLERED (CBC TABLE 601, 602):	2019 California Code of Regulations (CCR): • Title 8 CCR: Industrial Relations	DVISION OF THE STATE ARCHITECT	Area Schedule (Area Plans (LIFE SAFETY/ EGRESS))				Area Schedule (Area Plans (LIFE SAFETY/ EGRESS))					
<u> </u>	 Title 17 CCR: Public Health Title 19 CCR: Public Safety, STATE FIRE MARSHAL REGULATIONS Title 20 CCR: Public Utilities and Energy 	STRUCTURAL SAFETY SECTION (DSA/SSS) 10920 VIA FRONTERA, SUITE 300 SAN DIEGO, CA 92127	NUMBER	NAME	AREA	OLF	OCCUPANT LOAD	NUMBER	R NAME	AREA	OLF	OCCUPANT LOAD
	 Title 21 CCR: Public Works Title 24 CCR: California Building Standards Code Part 1: 2019 Building Standards Administrative Code Part 2: 2019 California Building Code (2018 International Building Code Vol. 1&2, and 2019 California amendments) 	(858) 674-5400 DVISION OF THE STATE ARCHITECT ACCESS COMPLIANCE (DSA/ACS)	109A 111	CONTROL ROOM STORAGE WORK ROOM	103 SF 81 SF 158 SF	150 300 150	1 1 2	2159 2163 2164	LAB 2 LAB 3 CONTROL ROOM	417 SF 441 SF 104 SF	50 50 150	9 9 1
BLE 602, 10 <x<30 0="" =="" hour<="" td=""><td> Part 3: 2019 California Electrical Code (2017 National Electrical Code and 2019 California Amendments) Part 4: 2019 California Mechanical Code </td><td>10920 VIA FRONTERA, SUITE 300 SAN DIEGO, CA 92127 (858) 674-5400</td><td>118 2101 2103</td><td>OFFICE WORK AREA OFFICE</td><td>102 SF 173 SF 148 SF</td><td>150 150 150</td><td>1 2 1</td><td>2165 2166 2181</td><td>LAB 4 STORAGE CLASSROOM</td><td>337 SF 53 SF 2,207 SF</td><td>50 300 FIXED S</td><td>7 1 1G 164</td></x<30>	 Part 3: 2019 California Electrical Code (2017 National Electrical Code and 2019 California Amendments) Part 4: 2019 California Mechanical Code 	10920 VIA FRONTERA, SUITE 300 SAN DIEGO, CA 92127 (858) 674-5400	118 2101 2103	OFFICE WORK AREA OFFICE	102 SF 173 SF 148 SF	150 150 150	1 2 1	2165 2166 2181	LAB 4 STORAGE CLASSROOM	337 SF 53 SF 2,207 SF	50 300 FIXED S	7 1 1G 164
	 (2018 IAPMO Uniform Mechanical Code and 2019 California amendments) Part 5: 2019 California Plumbing Code (2018 IAPMO Uniform Plumbing Code and 2019 California amendments) Part 6: 2019 California Energy Code 	DVISION OF THE STATE ARCHITECT FIRE AND LIFE SAFETY SECTION (DSA/FLS)	2105 2107 2109	STORAGE OFFICE CONFERENCE	81 SF 249 SF 277 SF	300 150 15	1 2 19	2183 2184 2185	OFFICE OFFICE LRN. CENTER	90 SF 90 SF 726 SF	150 150 20	1 1 37
	 Part 9: 2019 California Fire Code (2018 International Fire Codeand 2019 California amendments) Part 10: 2019 California Code for Building Conservation (2018 International Existing Building Code and 2019 California amendments) 	10920 VIA FRONTERA, SUITE 300 SAN DIEGO, CA 92127 (858) 674-5400	2109 2110 2115 2117	OFFICE	1,413 SF 172 SF 183 SF	50 50 150 150	29 2 2	2189 S1	CLASSROOM STORAGE	720 SF 717 SF 34 SF 11,665 SF	20 20 300	37 36 1 415
CTABLE 1006.2.1):	 Part 11: 2019 California Green Building Standards Code (CALGreen) Part 12: 2019 California Reference Standards Code 		2119	OFFICE	112 SF	150	1	EUNITION	OF SPACE	11,000 SF	000	415 UPANT LOAD FACTOR (OI
IRAVEL DISTANCE TRAVEL DISTANCE WHEN OCCUPANT LOAD LESS THAN OR EQUAL 30 RAVEL DISTANCE WHEN OCCUPANT LOAD GREATER THAN 30	<u>Miscellaneous California Codes or Regulations:</u> • California Occupational Safety and Health Act • California Environmental Quality Act • Requirements of the Regional Water Quality Board • Requirements of the State Fire Marshal		2150 2152 2153 2154	COMPUTER LAB CLASSROOM PREP ROOM STORAGE	832 SF 761 SF 201 SF 153 SF	50 20 0 300	17 39 4 1	ACCESSC	DRY STORAGE AREAS, ME LY W/O FIXED SEATS:			300
	National Codes or Regulations: • ASHRAE Indoor Air Quality Standard 62-1989 • ADA Accessibility Guidelines for the Americans with Disabilities Act, Title 24 ADAAG		2155 2156A 2157 2157A	STUDENT LAB STORAGE LAB 1 STORAGE	415 SF 101 SF 584 SF 149 SF	50 300 0 300	9 1 12 1	BUSINES		LES AND CHAIRS)		15 150
	 ANSI A117.1 Providing Accessibility and Usability for Physically Handicapped People, 198 ADA P.L. 101-336 FIRE CODE REFERENCE: 	6	21017				I		CLASSROOMS LABS, VOCATIONAL ROOI	MS		20 50
	2016 NFPA 72 - National Fire Alarm Code (CA Amended) 2016 NFPA 80 - Fire Door and Other Opening Protectives 2012 NFPA 2001 - Clean agent fire extinguishing systems 2003 UL 464 - Audible Signal Appliances			OM 2181 SEATING TYPE	TABULATION							
I.O. EXISTING SIGNAGE TO REMAIN AS IS AND PLY WITH CURRENT CODE REQUIREMENTS	1999 UL 521 - Heat Detectors for Fire Protective Signaling systems ASSISTIVE LISTENING DEVICES:		TOTAL SE		REQUIRED		PRC	OVIDED				
ACTILE RESTROOM WALL SIGN	Assistive listening systems shall be provided in accordance with CBC section 11B-218 and s 11B-706. The minimum number of receivers to be provided shall be equal to 4% of the tota			D SEATING				148				
RESTROOM DOOR SIGN ASSISTIVE LISTENING SYSTEM	less than two. 25% minimum of receivers provided, but no fewer than two, shall be hearing- with CBC Section 11B-706.3		WHEELCH COMPANIO		5			5				
ROOM CAPACITY SIGN	If the system provided is limited to specific areas or seats, then such areas or seats shall be of, and have a complete view of the stage or playing area per CBC Section 11B-218.4	e within a 50 foot viewing distance	DESIGNAT SEMI-AMB		2			2				
COMPANION SEETING ISA ID	DESIGNATED AISLE SEATS				۷			۷.				
	Designated aisle seats shall be identified with a sign or maker with the International Symb Section 11B-703.7.2.1. Where armrests are provided on seating in the immediate area, for be provided on the aisle side of the seat.	ool of Accessibility complying with olding or retractable armrests shall										

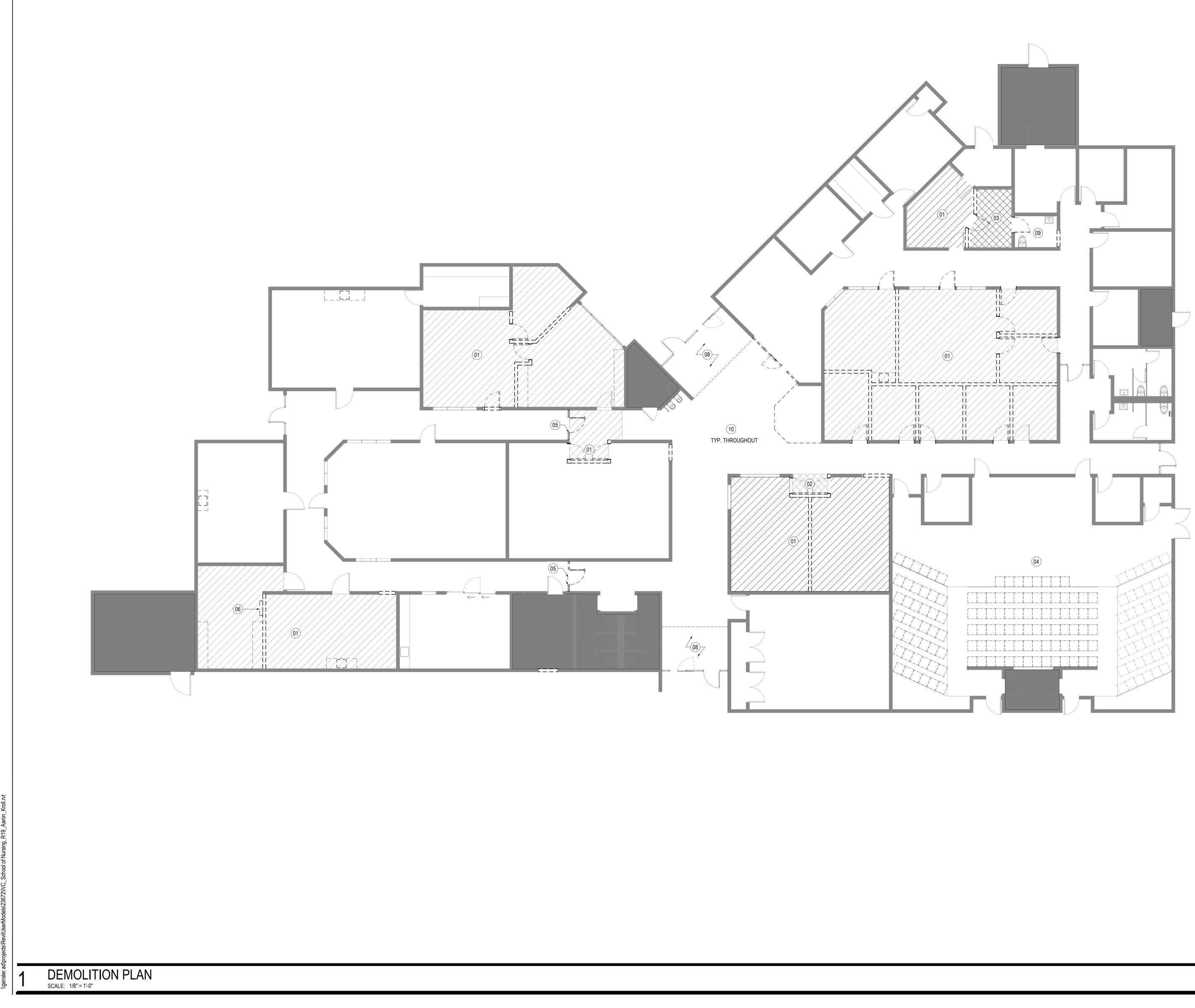
GENERAL NOTES

- ACCESSORY USE AREAS THAT ORDINARILY ARE USED ONLY BY PERSONS WHO OCCUPY THE MAIN AREAS OF AN OCCUPANCY SHALL BE PROVIDED WITH MEANS OF EGRESS AS THOUGH THEY ARE COMPLETELY OCCUPIED, BUT THEIR OCCUPANT LOAD NEED NOT BE INCLUDED WHEN COMPUTING THE TOTAL OCCUPANT LOAD OF THE BUILDING.
- PROVIDE MEANS OF EGRESS IDENTIFICATION USING EXIT SIGNS THAT ARE INTERNALLY OR EXTERNALLY ILLUMINATED ALONG THE PATH OF EXIT TRAVEL WITHIN THE MEANS OF EGRESS SYSTEM. THE EXIT SIGNS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS WHICH ARE EXIT SIGNS SHALL BE VISIBLE FROM ANY DIRECTION OF APPROACH AND EXIT SIGNS SHALL BE LOCATED TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL AND SUCH THAT NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN.
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL POWER SYSTEM (STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON SITE GENERATOR SET) OR AN APPROVED SELF LUMINOUS SYSTEM THAT PROVIDES CONTINUOUS ILLUMINATION INDEPENDENT OF THE EXTERNAL POWER SOURCE TO ENSURE THAT THE EXIT SIGNS ARE ILLUMINATED AT ALL TIME. MINIMU 90 MIN BATTERY BACKUP REQUIRED CBC 1013.6.3
- WHEN 2 EXITS ARE REQUIRED, THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. THE MEANS OF EGRESS SHALL BE ILLUMINATED AT ALL TIMES IN ACCORDANCE WITH CBC SECTION 1008.1; 1008.2 AND 1008.3.
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE EGRESS SYSTEM.
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

TACTILE SIGNAGE REQ.

- REQUIRED EXIT SIGNS. TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS: (A) EACH GRADE-LEVEL EXTERIOR EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1011.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT." (B) EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1011.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE(SECTION 1013.4):
- (I) "EXIT STAIR DOWN," (II) "EXIT RAMP DOWN,"
- (III) "EXIT STAIR UP," (IV) "EXIT RAMP UP."
- (C) EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1011.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE '
- (D) EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO COMPLY WITH SECTION 1011.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE." (SECTION 1013.4)
- (E) EACH EXIT DOOR THROUGH A HORIZONTAL EXIT THAT IS REQUIRED TO COMPLY WITH SECTION 1011.1, SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS, "TO EXIT." (SECTION 1013.4)
- (F) EACH DOOR PROVIDING ACCESS TO AN AREA OF REFUGE FROM AN ADJACENT FLOOR AREA SHALL BE IDENTIFIED BY A SIGN STATING: "AREA OF REFUGE". (SECTION 1009.9) (G) EACH DOOR PROVIDING ACCESS TO AN EXTERIOR AREA FOR ASSISTED RESCUE SHALL BE IDENTIFIED BY A SIGN STATING: "EXTERIOR
- AREA FOR ASSISTED RESCUE". (H) RAISED CHARACTER AND BRAILLE EXIT SIGNS SHALL COMPLY WITH CHAPTER 11B, SECTIONS 11B-703.1, 11B-703.2, 11B-703.3 AND 11B-703.5. REQUIRED DIRECTIONAL SIGNAGE. DIRECTION
- SIGNAGE COMPLYING WITH CHAPTER 11B, SECTION 11B-703.5 INDICATING THE LOCATION OF THE OTHER MEANS OF EGRESS AND WHICH ARE ACCESSIBLE MEANS OF EGRESS SHALL BE PROVIDED AT THE FOLLOWING: (A) AT EXITS SERVING A REQUIRED ACCESSIBLE SPACE BUT NOT PROVIDING AN APPROVED ACCESSIBLE MEANS OF EGRESS.
- (B) AT ELEVATOR LANDINGS. (C) WITHIN AREAS OF REFUGE
- REQUIRED STAIR IDENTIFICATION SIGNS. (SECTION 1023.9) (A) A SIGN SHALL BE PROVIDED AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTING MORE THAN THREE
- STORIES DESIGNATING THE FLOOR LEVEL, THE TERMINUS OF THE TOP AND BOTTOM OF THE INTERIOR EXIT STAIRWAY AND RAMP AND THE IDENTIFICATION OF THE STAIR OR RAMP. THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO, THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF ACCESS FROM THE INTERIOR EXIT STAIRWAY AND RAMP FOR THE FIRE DEPARTMENT. THE SIGN SHALL BE LOCATED 5 FEET (1524 MM) ABOVE THE FLOOR LANDING IN A POSITION THAT IS READILY
- VISIBLE WHEN THE DOORS ARE IN THE OPEN AND CLOSED POSITIONS. (B) IN ADDITION TO THE STAIRWAY **IDENTIFICATION SIGN, RAISED CHARACTERS** AND BRAILLE FLOOR IDENTIFICATION SIGNS THAT COMPLY WITH CHAPTER 11B. SECTIONS 11B-703.1, 11B-703.2, 11B-703.3 AND 11B-703.5 SHALL BE LOCATED AT THE LANDING OF EACH FLOOR LEVEL, PLACED ADJACENT TO THE DOOR ON THE LATCH SIDE, IN ALL ENCLOSED STAIRWAYS IN BUILDINGS TWO OR MORE STORIES IN HEIGHT TO IDENTIFY THE FLOOR LEVEL. AT THE EXIT DISCHARGE LEVEL, THE SIGN SHALL INCLUDE A RAISED FIVE POINTED STAR LOCATED TO THE LEFT OF THE
- IDENTIFYING FLOOR LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE THE SAME AS THE HEIGHT OF THE RAISED CHARACTERS.





SHEET NOTES

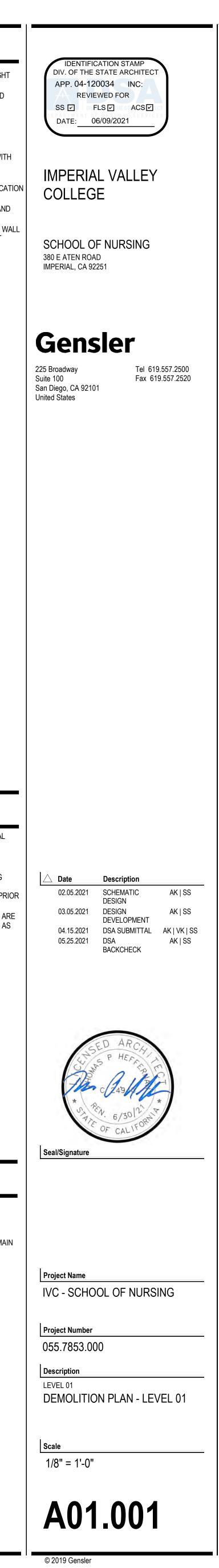
- 01 DEMO EXISTING CEILING GRID, TILE AND LIGHT FIXTURES AT HATCHED AREA 02 DEMO EXISTING WOOD CEILING AT HATCHED
- AREA 03 DEMO GYPSUM BOARD CEILING AND LIGHT
- FIXTURES AT HATCHED AREA 04 DEMO EXISTING AUDITORIUM SEATING AND
- REPLACE WITH NEW D5 DEMO DOOR AND GLAZING AND REPLACE WITH NEW
- 06 RELOCATE ELECTRICAL PANEL 08 DEMO EXISTING TILE FLOORING AT THIS LOCATION
- AND PREP FOR NEW TILE. 09 DEMO EXISTING FLOORING AT THIS ROOM AND PREP FOR NEW TILE FLOORING
- 10 TYPICAL THROUGHOUT REMOVE EXISTING WALL COVERING AND PREP WALL FOR NEW PAINT

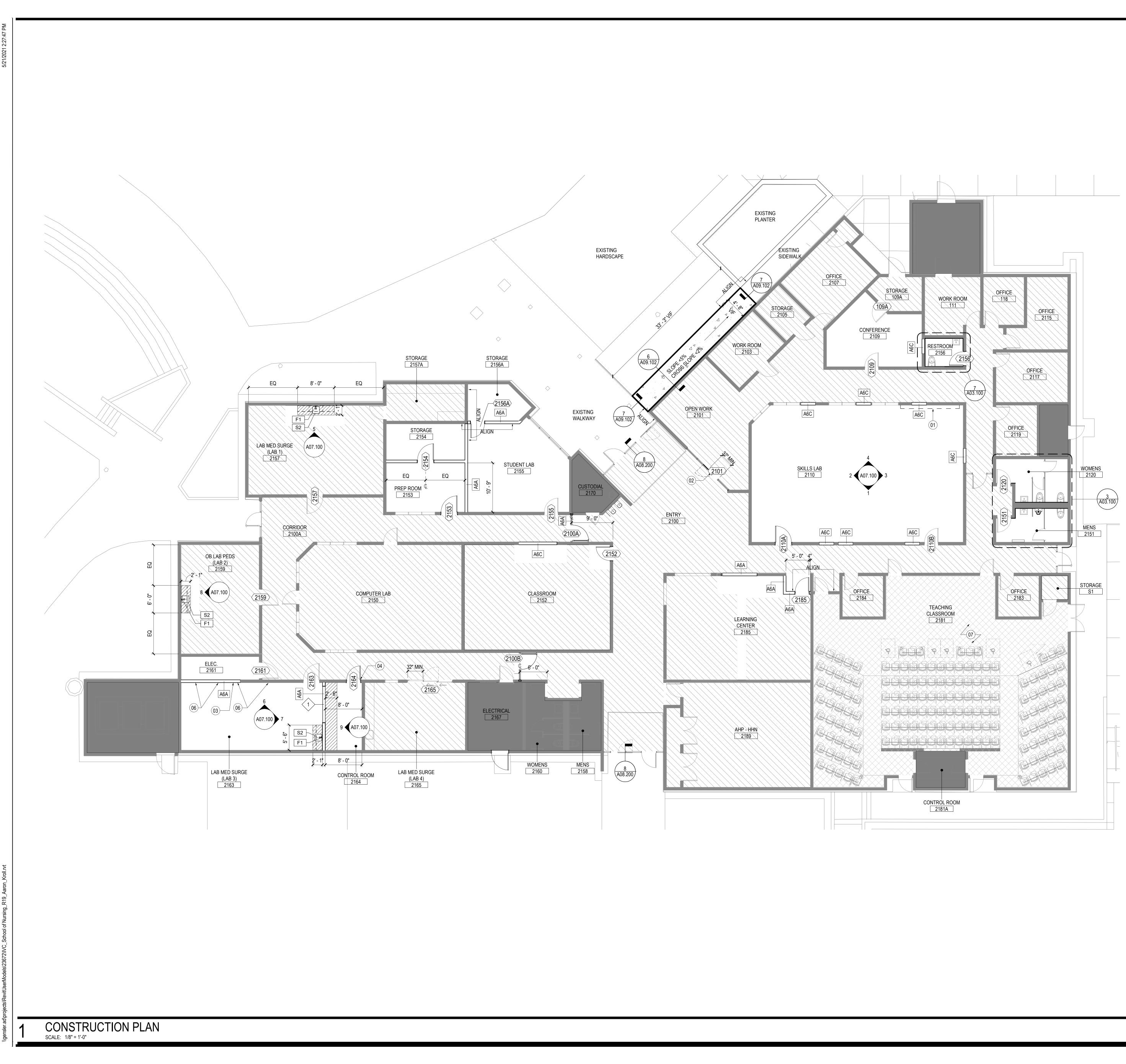
GENERAL NOTES

- A REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ETC.
- ALL EXISTING CONSTRUCTION TO REMAIN, UNLESS NOTED OTHERWISE. VERIFY WITH BUILDING OWNER OR BUILDING MANAGER DISPOSITION OF ALL RE-USABLE DEMOLISHED MATERIALS AND EQUIPMENT PRIOR
- TO START OF WORK. EXISTING PERIMETER WINDOW COVERINGS ARE
- TO BE RETAINED, BAGGED AND PROTECTED AS REQUIRED.

LEGEND

- = =
- EXISTING CONSTRUCTION TO BE DEMOLISHED EXISTING CONSTRUCTION TO REMAIN NOT IN CONTRACT





SHEET NOTES

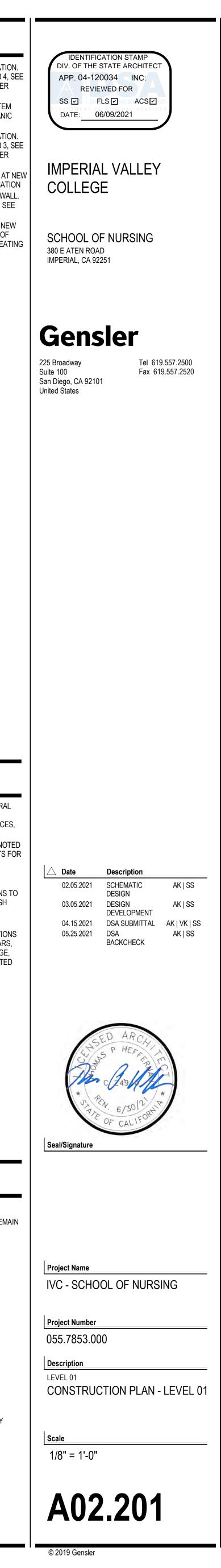
- 01 (2) RELOCATED HEADWALLS AT THIS LOCATION. HEADWALLS TO BE RELCOATED FROM LAB 4, SEE ELEVATION. PROVIDE IN WALL BACKING PER 04/A09.102.
- 02 REPLACE SLIDER PORTION OF DOOR SYSTEM WITH BREAKAWAY GLASS SLIDER WITH PANIC HARDWARE
- (4) RELOCATED HEADWALLS AT THIS LOCATION.
 HEADWALLS TO BE RELCOATED FROM LAB 3, SEE
 ELEVATION. PROVIDE IN WALL BACKING PER
 04/A09.102.
- REFER TO DETAIL 8/A09.102 FOR FRAMING AT NEW SHEAR WALL OPENING AT NEW DOOR LOCATION
 COMPRESSED AIR CONNECTION AT HEAD WALL. CONNECTED TO BUILDING COMPRESSOR. SEE ELEVATION FOR HEAD WALL LOCATION.
- ELEVATION FOR HEAD WALL LOCATION. REPLACE ALL AUDITORIUM SEATING WITH NEW SEATING AT EXISITNG LOCATIONS. BASIS OF DESIGN SEATING: K1- SEQUENCE BEAM SEATING

GENERAL NOTES

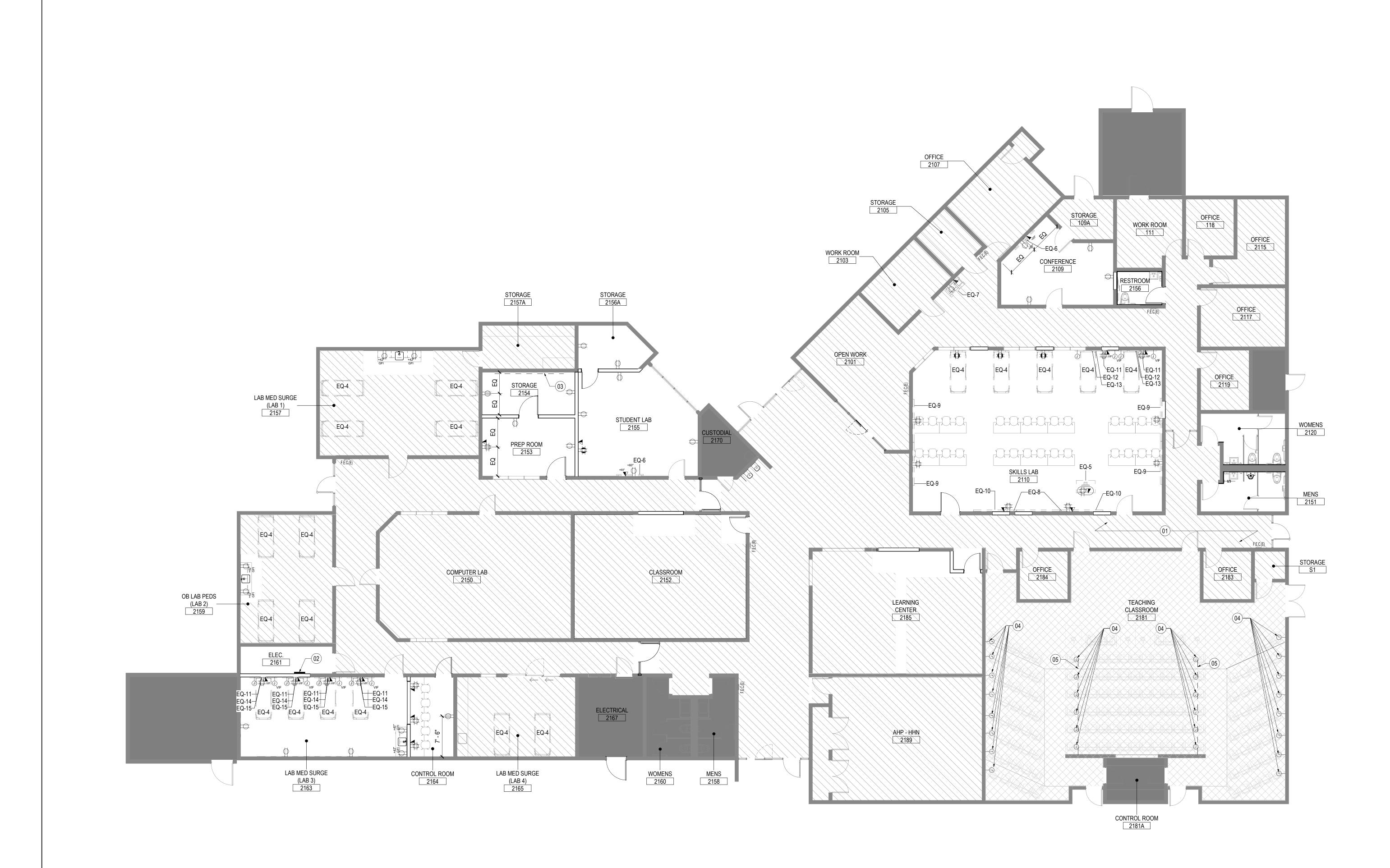
- A REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ACCESSIBILITY REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- ALL PARTITIONS TO BE TYPE "A", UNLESS NOTED OTHERWISE. REFER TO A09 SERIES SHEETS FOR PARTITION DETAILS.
 C PROVIDE LEVEL 4 EINISH AT ALL CYP PD
- C PROVIDE LEVEL 4 FINISH AT ALL GYP BD SURFACES, UNLESS NOTED OTHERWISE. PROVIDE LEVEL 5 FINISH AT ALL PARTITIONS TO RECEIVE WALL COVERING. REFER TO FINISH PLAN FOR LOCATIONS.
- USE 5/8" TYPE 'X' GYP. BD. THROUGHOUT.
 F PROVIDE BLOCKING AS REQ AT ALL LOCATIONS INCLUDING, BUT NOT LIMITED TO: GRAB BARS, OVERHEAD CABINETRY, SHELVING, SIGNAGE, TOILET ROOM ACCESSORIES, WALL MOUNTED EQUIPMENT, ETC.

LEGEND

 EXISTING CONSTRUCTION TO REA
NOT IN CONTRACT
 REFER TO A09 SERIES FOR PARTITION TYPE DETAILS
-PARTITION TAG -PARTITION TYPE DESIGNATOR (SEE PARTITION SERIES TYPE SCHEDULES) -FRAMING MEMBER DEPTH (SEE PARTITION TYPE LEGEND) -PARTITION SERIES (SEE PARTITON TYPE LEGEND) -FIRE RATING (IF APPLICABLE)
 NEW MILLWORK
 NEW FLOORING AND PAINT ONLY
 NEW FLOORING, PAINT AND SEATING ONLY



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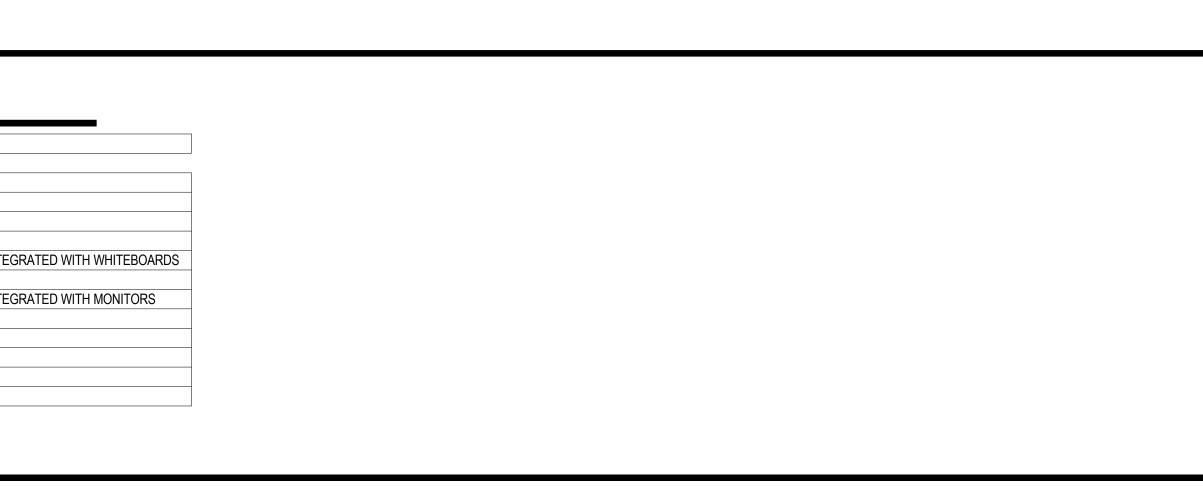


POWER & COMMUNICATION PLAN SCALE: 1/8" = 1'-0"

EQUIPMENT SCHEDULE

Type Mark	Description	Mounting	Furnish / Install	Comments
EQ-4	BED, MED-SURG	FLOOR/WALL	OFCI	
EQ-5	TEACHING PODIUM	FLOOR/WALL	CFCI	EXTRON PRODUCT
EQ-6	60" TV MONITOR	FLOOR/WALL	CFCI	
EQ-7	COPY / PRINTER	FLOOR/WALL	OFOI	
EQ-8	75" TV MONITOR	FLOOR/WALL	CFCI	DIVERSA TRACK WALL MOUNTED SYSTEM INTEG
EQ-9	WHITEBOARD	FLOOR/WALL	CFCI	
EQ-10	WHITEBOARD	FLOOR/WALL	CFCI	DIVERSA TRACK WALL MOUNTED SYSTEM INTEG
EQ-11	HEAD WALL MONITOR	FLOOR/WALL	OFCI	RELOCATED MONITOR
EQ-12	LOWER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 4
EQ-13	UPPER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 4
EQ-14	LOWER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 3
EQ-15	UPPER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 3

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SHEET NOTES

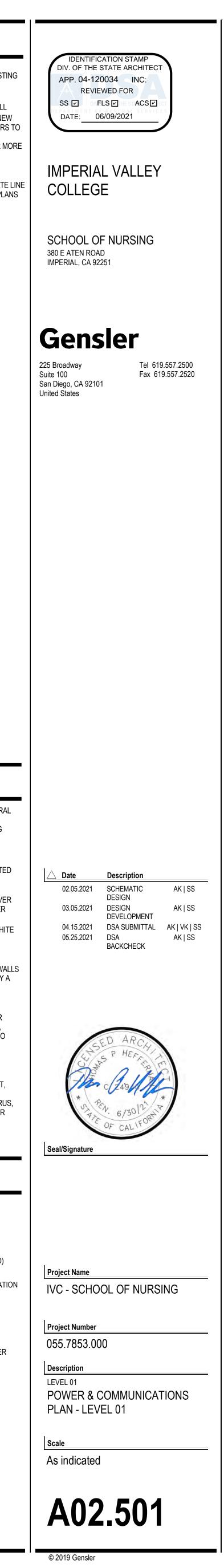
- 01 PROVIDE LOCKING COVER PLATES AT EXISTING OUTLETS AT THIS HALLWAY02 RELOCATED ELECTRICAL PANEL
- 03 WIREMOLD POWER STRIP ALONG THIS WALL
 04 TYP. AT ALL NEW AUDITORIUM SEATING: NEW POWER AND INSFRASTRURE AT NEW CHAIRS TO BE PRICED AS SEPERATE LINE ITEM ADD ALTERNATE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
- TYP. AT ALL NEW AUDITORIUM SEATING: TRENCHING FOR NEW POWER AND INSFRASTRURE TO BE PRICED AS SEPERATE LINE ITEM ADD ALTERNATE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

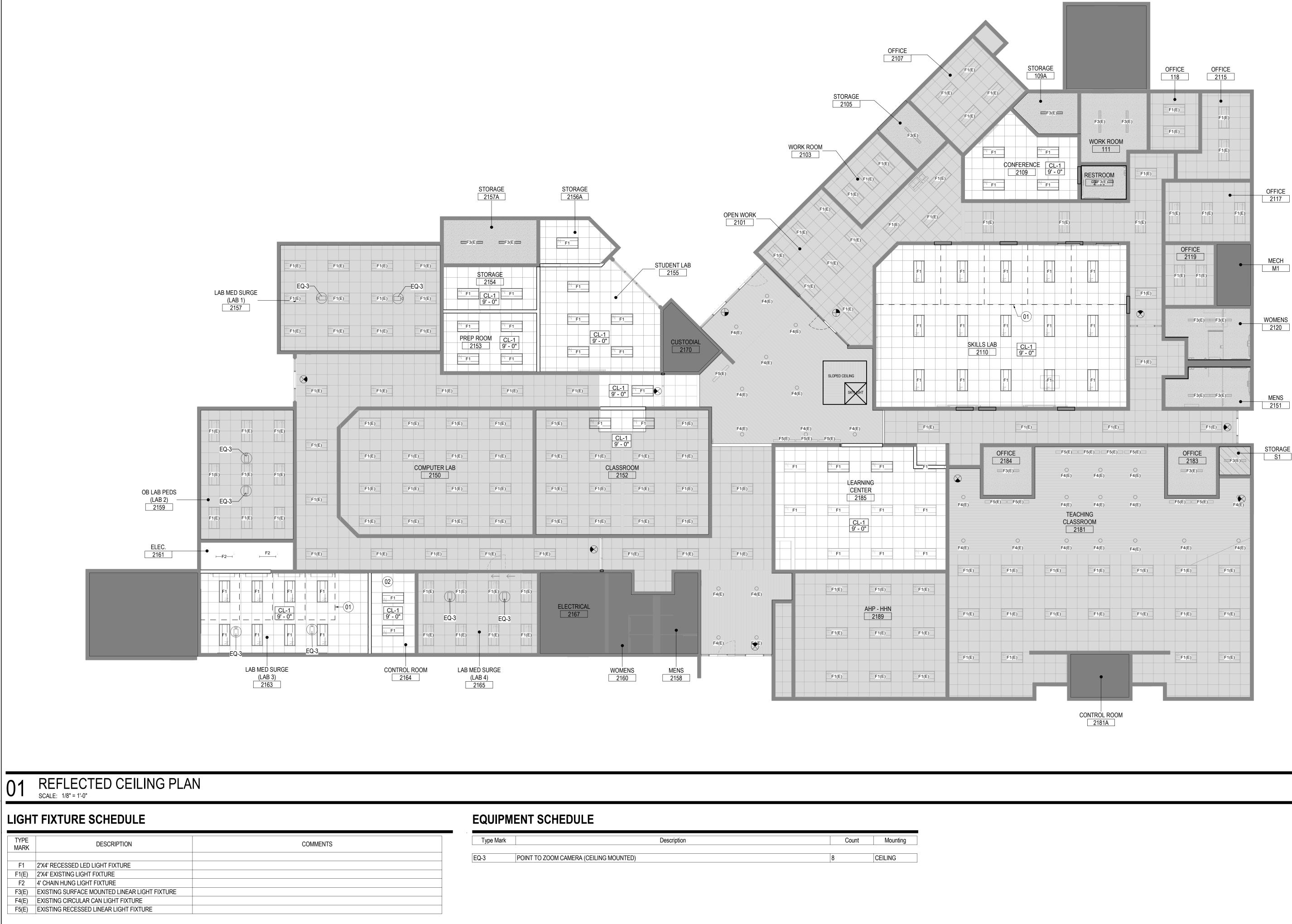
GENERAL NOTES

- A REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- 3 REFER TO ENGINEERING DRAWINGS FOR
- ADDITIONAL INFORMATION.
- C ALL POWER AND COMMUNICATION INDICATED BY (E) IS EXISTING TO REMAIN, UNO.
 D ALL ADJACENT DEVICES TO BE GANGED TOGETHER, UNO. PROVIDE MATCHING COVER PLATES AND ONE-PIECE TYPE GANG COVER
- PLATES UON. E DEDICATED RECEPTACLES TO RECEIVE WHITE RECEPTACLES AND ISOLATED GROUND RECEPTACLES TO RECEIVE ORANGE
- RECEPTACLES. F ALL DEVICE PENETRATIONS AT COMMON WALLS SHALL BE STAGGERED AND SEPARATED BY A VERTICAL STUD. ALL OPENINGS SHALL BE WRAPPED WITH SOUND INSULATION AND SEALED TIGHT W/ ACOUSTICAL SEALANT.
- SEALED TIGHT W/ ACOUSTICAL SEALANT.
 CONTRACTOR TO COORDINATE ALL FLOOR CORE LOCAITONS W/ FURNITURE VENDOR, TENANT, OWNER AND ARCHITECT PRIOR TO START OF WORK.
- CONTRACTOR TO COORDINATE DEVICE LOCATIONS PRIOR TO START OF WORK, INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING: SYSTEMS FURNITURE LAYOUT, FREE STANDING AND BUILT-IN MILLWORK, STRUCTURAL COLUMN LINES AT POKE THRUS, FACE OF FINISH AT PARTITIONS AND FLOOR WHERE APPLICABLE. CONDUCT PRE-INSTALLATION CONFERENCE

LEGEND

\square	WALL MOUNTED DUPLEX
	WALL MOUNTED QUADPLEX
Φ	WALL MOUNTED DUPLEX (DEDICATED)
	WALL MOUNTED TELCOMM OUTLET, PROVIDE (2) CABLE DROPS PER LOCATI
	FLUSH FLOOR BOX-QUAD POWER/DATA/COMM.
CR	CARD READER
PP	ADA PUSH PLATE AUTO DOOR OPENER
+XX"	DENOTES SPECIAL HEIGHT
\ -	NEW FLOORING AND PAINT ONLY



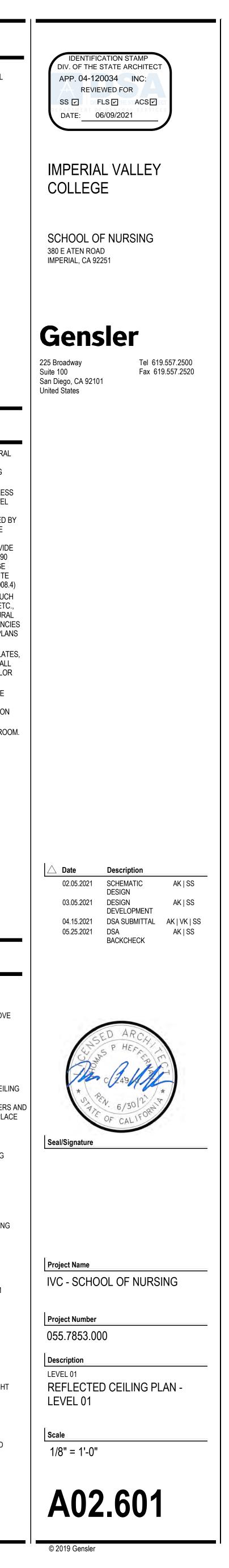


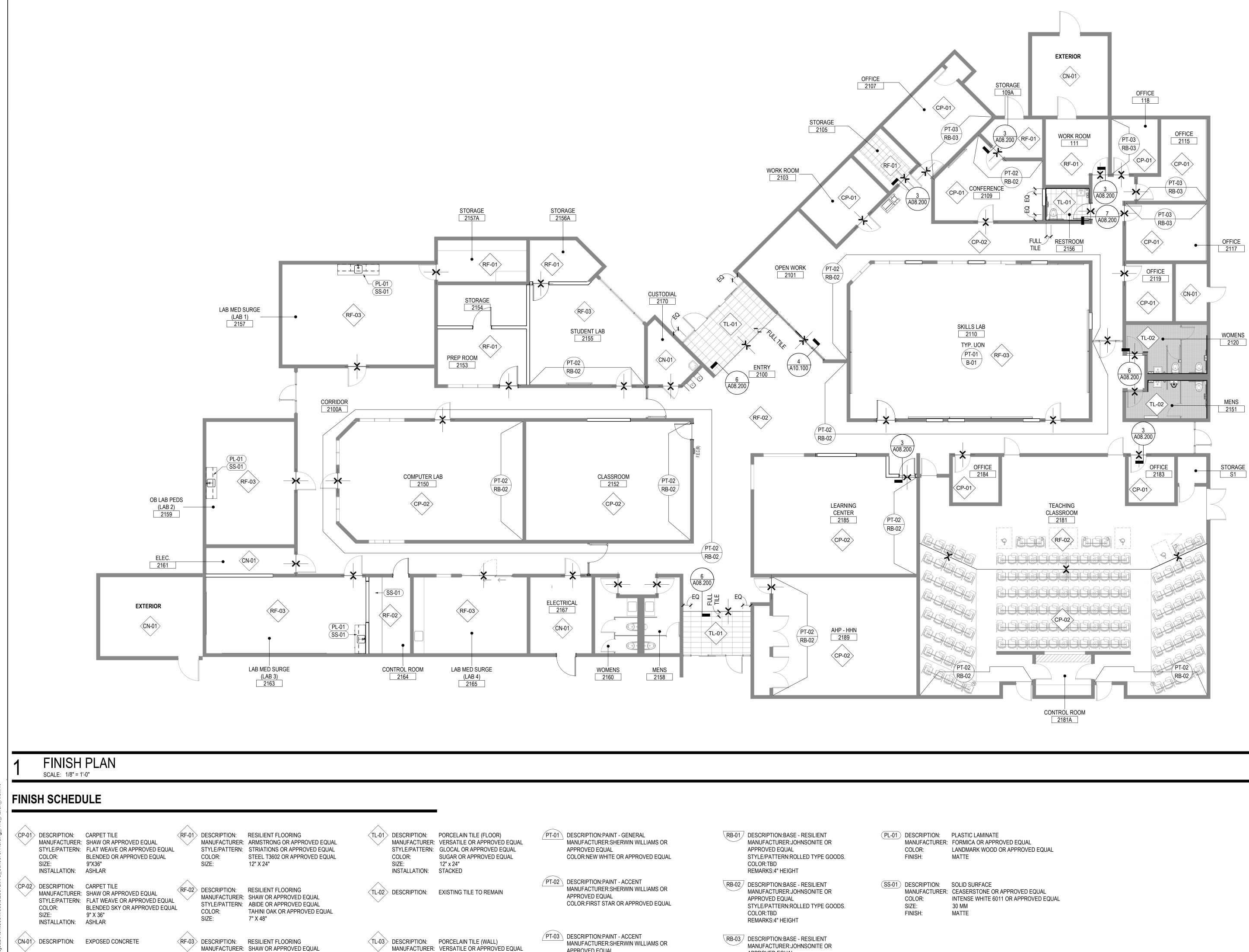
DIMMER CONTROL AT CONTROL ROOM. **GENERAL NOTES** REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC. EXIT ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FC AT THE WALKING SURFACE LEVEL (CBC 1008.2). POWER FOR THE MEANS OF **ÈGRESS ILLÚMINATION SHALL BE PROVIDED BY** THE BUILDING ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR (CBC 1008.1, 1008.2, 1008.3, 1008.4) LOCATIONS OF CEILING PENETRATIONS, SUCH AS DIFFUSERS, GRILLS, LIGHT FIXTURES, ETC., SHALL BE AS SHOWN ON THE ARCHITECTURAL REFLECTED CLG PLAN. WHERE DISCREPANCIES LOCATION OCCUR, THE ARCHITECTURAL PLANS GOVERN. ALL NEW GRILLS, PERFERATIONS. FACE PLATES, ACCESS PANELS, AIR BARS AND TRIMS SHALL BE FACTORY FINISHED TO MATCH THE COLOR OF ADJACENT CEILING FINISH. E NOTIFY ARCHITECT WHEN A LIGHT FIXTURE CANNOT BE USED DUE TO EXISTING OBSTRUCTION(S) AND ALTERNATE LOCATION DEVIATES FROM LAYOUT. U.N.O. CEILING GRID TO BE CENTERED IN ROOM. ANY CEILING MOUNTED DEVICES TO BE MOUNTED IN CENTER OF CEILING TILE LEGEND CEILING TYPES OPEN TO STRUCTRUCE ABOVE CL-1 EXISTING 2'x2' ACOUSTIC CEILING TILE SYSTEM ** LIGHT FIXTURES, DIFFUSERS AND GRID TO REMAIN AS IS; REPLACE CEILING TILE ONLY CL-2 NEW 2'x2' ACOUSTIC CEILING GRID & TILE SYSTEM CL-3 EXISTING WOOD SLAT CEILING CL-4 EXISTING PAINTED GYPSUM BOARD CEILING LIGHT FIXTURES 2' X 4' RECESSED LIGHT FIXTURE CIRCULAR RECESSED DOWNLIGHT LINEAR LIGHT

OVERHEAD CAMERA

SHEET NOTES

1 CEILING MOUNTED CURTAIN TRACK. FINAL LOCATION TBD IN THE FIELD.





STYLE/PATTERN: TERRACE OR APPROVED EQUAL

COLOR: HERON OR APPROVED EQUAL

12" X 24"

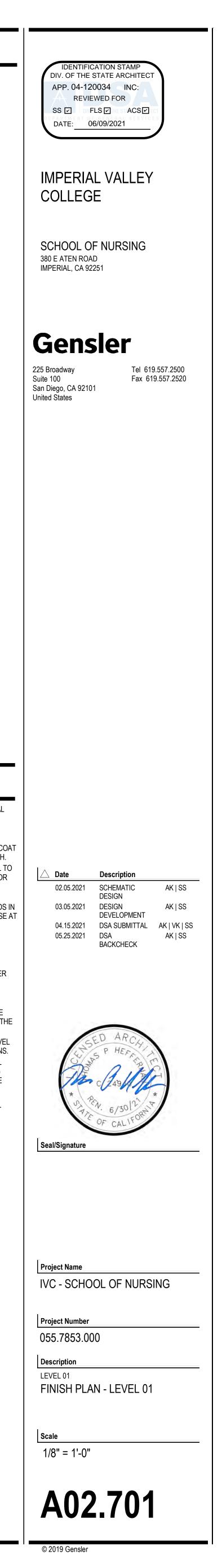
SIZE:

01	MANUFACTURER: STYLE/PATTERN: COLOR: SIZE:	PORCELAIN TILE (FLOOR) VERSATILE OR APPROVED EQUAL GLOCAL OR APPROVED EQUAL SUGAR OR APPROVED EQUAL 12" x 24" STACKED	PT-01 DESCRIPTION:PAINT - GENERAL MANUFACTURER:SHERWIN WILLIAMS OR APPROVED EQUAL COLOR:NEW WHITE OR APPROVED EQUAL	RB-01 DESCRIPTION:BASE - RESILIENT MANUFACTURER:JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN:ROLLED TYPE GOODS. COLOR:TBD REMARKS:4" HEIGHT	PL-01 DESCRI MANUF/ COLOR: FINISH:
02	DESCRIPTION:	EXISTING TILE TO REMAIN	PT-02 DESCRIPTION:PAINT - ACCENT MANUFACTURER:SHERWIN WILLIAMS OR APPROVED EQUAL COLOR:FIRST STAR OR APPROVED EQUAL	RB-02 DESCRIPTION:BASE - RESILIENT MANUFACTURER:JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN:ROLLED TYPE GOODS. COLOR:TBD REMARKS:4" HEIGHT	(SS-01) DESCRI MANUF/ COLOR: SIZE: FINISH:
03	MANUFACTURER: STYLE/PATTERN: COLOR: SIZE:	PORCELAIN TILE (WALL) VERSATILE OR APPROVED EQUAL GLOCAL OR APPROVED EQUAL TBD 12" x 24" STACKED	PT-03 DESCRIPTION:PAINT - ACCENT MANUFACTURER:SHERWIN WILLIAMS OR APPROVED EQUAL COLOR:HAZEL OR APPROVED EQUAL	RB-03 DESCRIPTION:BASE - RESILIENT MANUFACTURER:JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN:ROLLED TYPE GOODS. COLOR:TBD REMARKS:4" HEIGHT	

GENERAL NOTES

- A REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- ALL PAINT FINISH LOCATIONS TO BE THREE COAT SYSTEMS. (1) COAT PRIMER, (2) COATS FINISH. FLOAT WOOD AND RESILIENT FLOORS LEVEL TO WITHIN 1/4" IN 10'. PROVIDE SURVEY OF FLOOR ELEVATIONS TO ARCHITECT PRIOR TO
- COMMENCEMENT OF WORK. WALL BASE TO BE 2-1/2" HIGH ROLLED GOODS IN MAXIMUM LENGTHS. PROVIDE STRAIGHT BASE AT CARPET, COVE BASE AT VCT, BASE WRAP AROUND CORNERS. COORDINATE WITH ARCHITECT FOR CORRECT INSTALLATION METHOD.
- WHERE FLOOR MT OUTLETS ARE SPEC'D IN CARPETED AREA, CUT CARPET IN AN "X" OVER THE HOLE AND CARPET ACROSS TO ALLOW CARPET PATCHING IF OUTLETS ARE LATER CAPPED. DO NOT TRIM CARPET.
- FLOOR COVERING IN CLOSETS SHALL BE THE SAME AS THAT OF THE SPACE ONTO WHICH THE CLOSET DOOR OPENS, UNO.
- FLOAT ALL AREAS WHERE FLOOR IS NOT LEVEL OR TRUE PRIOR TO FLOORING INSTALLATIONS.
- PRIOR TO SETTING TILE, CAULK AROUND ALL PIPES AND OTHER ELEMENTS PENETRATING SURFACE TO BE TILED USING SILICONE TYPE SEALANT. COMPLY WITH TCA INSTALLATION METHODS.
- U.N.O. PROVIDE PT-01 & RB-01 THROUGHOUT

SHEET NOTES

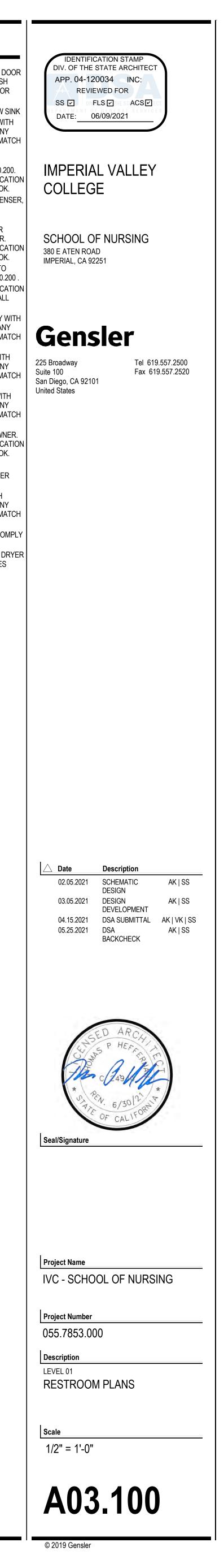




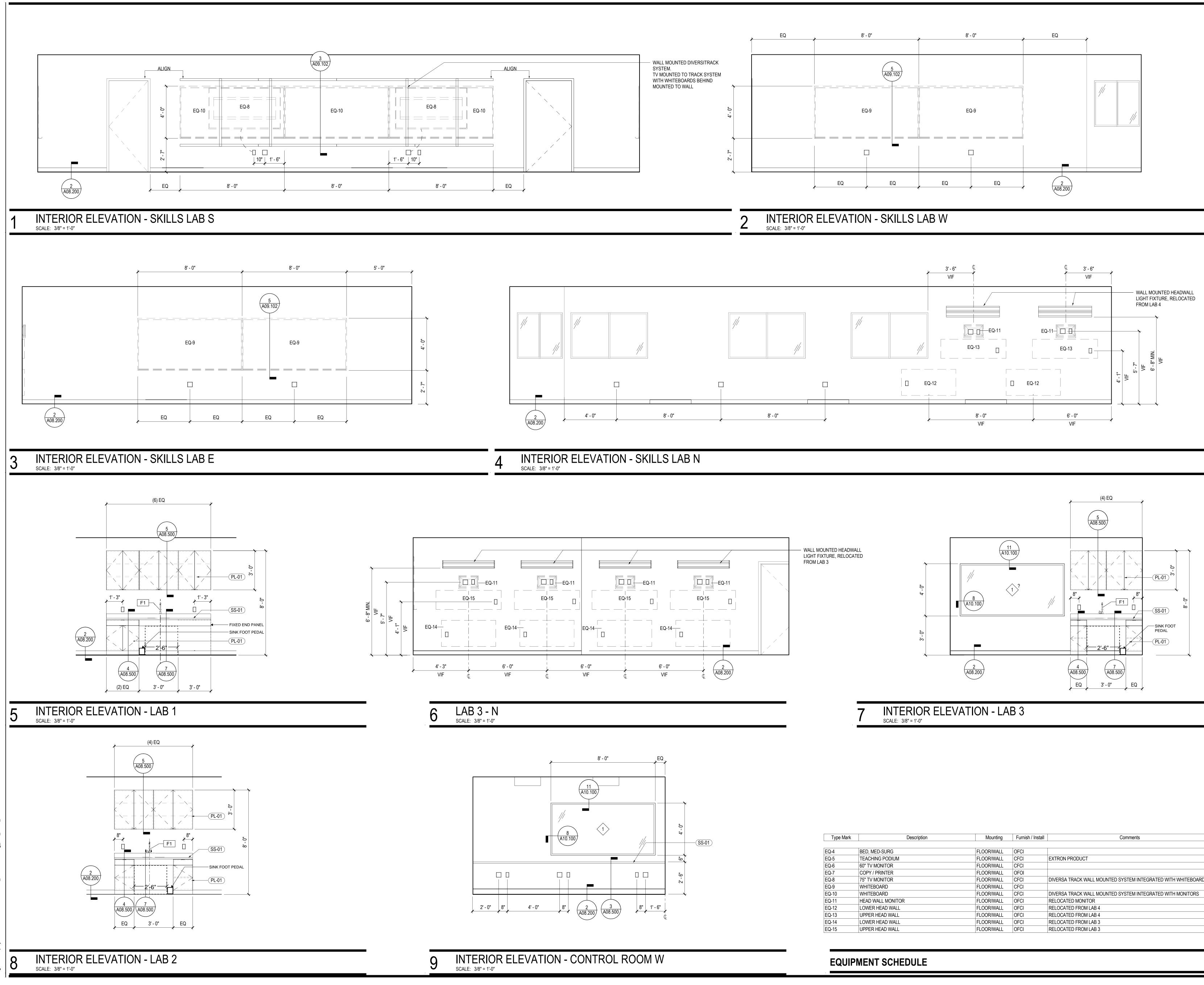
ture Schedule	
Model	Comments
E PLUMBING	NEW FIXTURE EXISTING FIXTURES TO REMAIN AS IS
CFU 2416	NEW FIXTURE
4	EXISTING FIXTURES TO REMAIN AS IS
A	EXISTING FIXTURE TO BE RELOCATED PER PLAN
A	EXISTING FIXTURES TO REMAIN AS IS
4	EXISTING FIXTURE TO BE RELOCATED PER PLAN
Model	
b-5806	
b-5806	
B-4262 OR EQUAL	
2200B-3	
N1/A	

SHEET NOTES

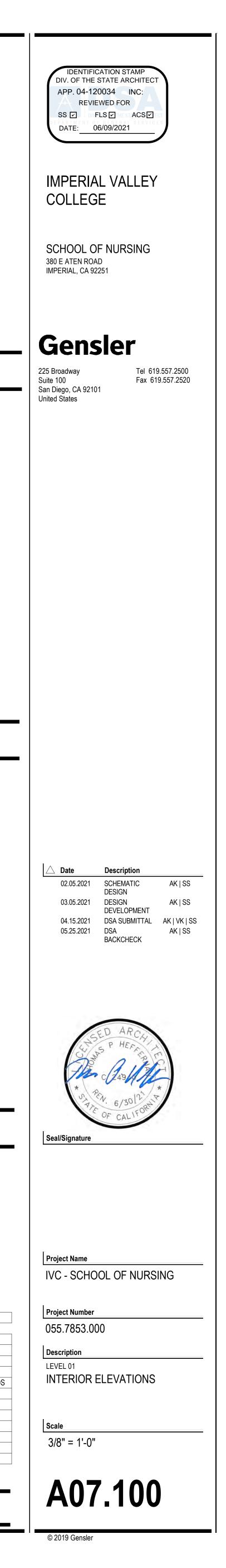
- REPLACE EXISTING ADA PUSH PLATE AUTO DOOR OPENER WITH NEW HIGH AND LOW ADA PUSH PLATE AT EXISTING LOCATION. BEA-LPR36 OR EQUAL
- INSULATE EXISTING EXPOSED PIPES BELOW SINK RELOCATE EXISTING MIRROR TO COMPLY WITH DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.
- RELOCATE EXISTING SOAP DISPENSER TO COMPLY WITH DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK. 5 NEW SURFACE MOUNT PAPER TOWEL DISPENSER,
- BOBRICK B-4262 OR SIMILAR. MOUNTING DIMENSIONS PER SHEET G00.200 5 DEMO EXISITNG SURFACE MOUNTED PAPER
- TOWEL DISPENSER AND RETURN TO OWNER. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK. RELOCATED TOILET PAPER DISPENSERS. TO
- COMPLY WITH DIMENSIONS PER SHEET G00.200 . 8 PATCH ANY HOLES CREATED DUE TO RELOCATION OF ACCESSORIES TO MATCH ADJACENT WALL FINISH AND LOOK.
- 09 RELOCATE EXISTING GRAB BAR TO COMPLY WITH DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH
- ADJACENT WALL FINISH AND LOOK. RELOCATE EXISTING TOILET TO COMPLY WITH DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH
- ADJACENT WALL FINISH AND LOOK. RELOCATE EXISTING URINAL TO COMPLY WITH DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.
- 2 DEMO EXISITNG SHELF AND RETURN TO OWNER. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.
- 3 EXISTING LIGHT FIXTURE TO REMAIN AS IS 4 NEW GRAB BAR. MOUNTING DIMENSIONS PER SHEET G00.200 RELOCATE EXISTING SINK TO COMPLY WITH
- DIMENSIONS PER SHEET G00.200. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.
- RELOCATED SEAT COVER DISPENSER TO COMPLY WITH DIMENSIONS PER SHEET G00.200 . DEMO EXISITNG SURFACE MOUNTED HAND DRYER AND RETURN TO OWNER. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.

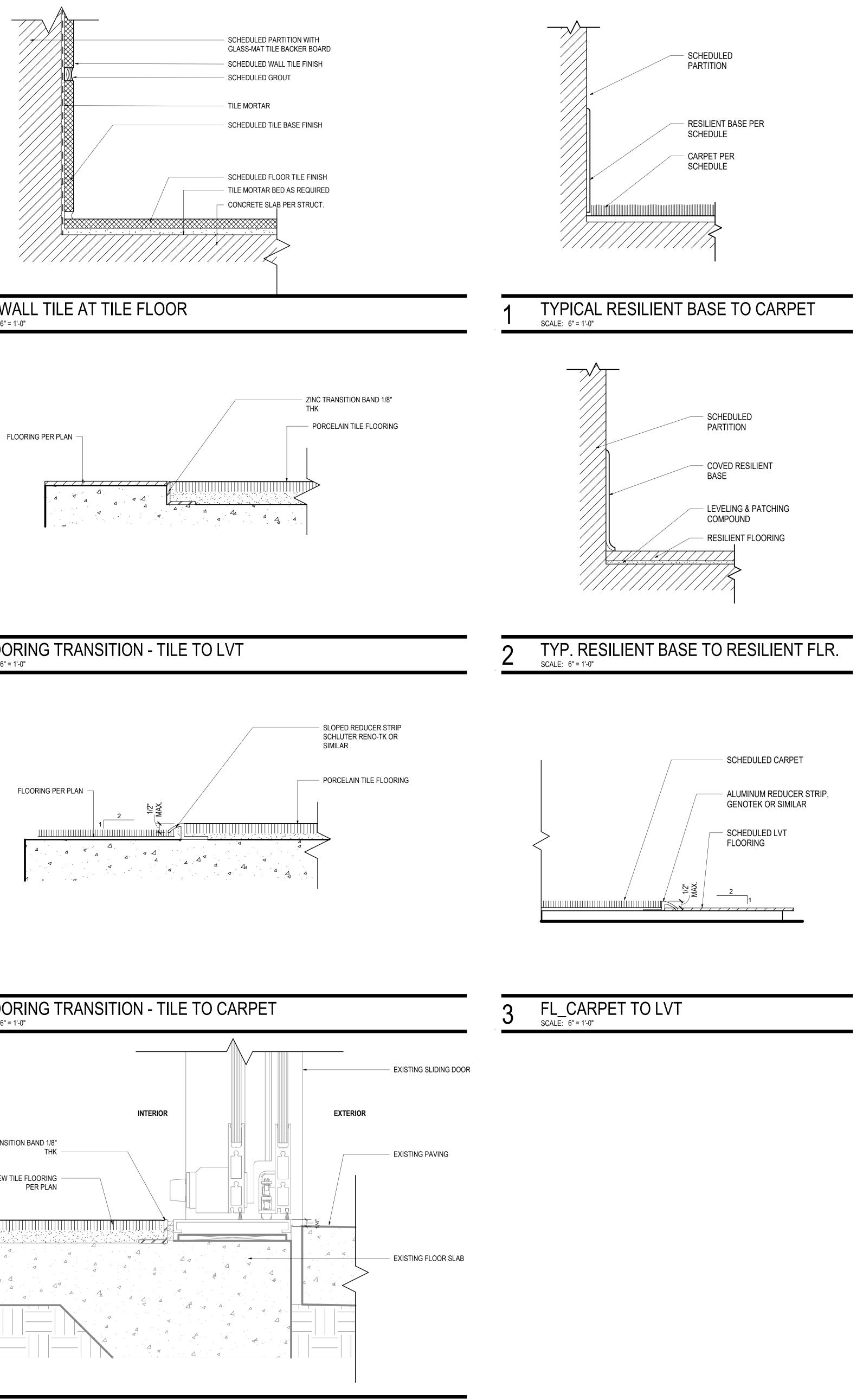


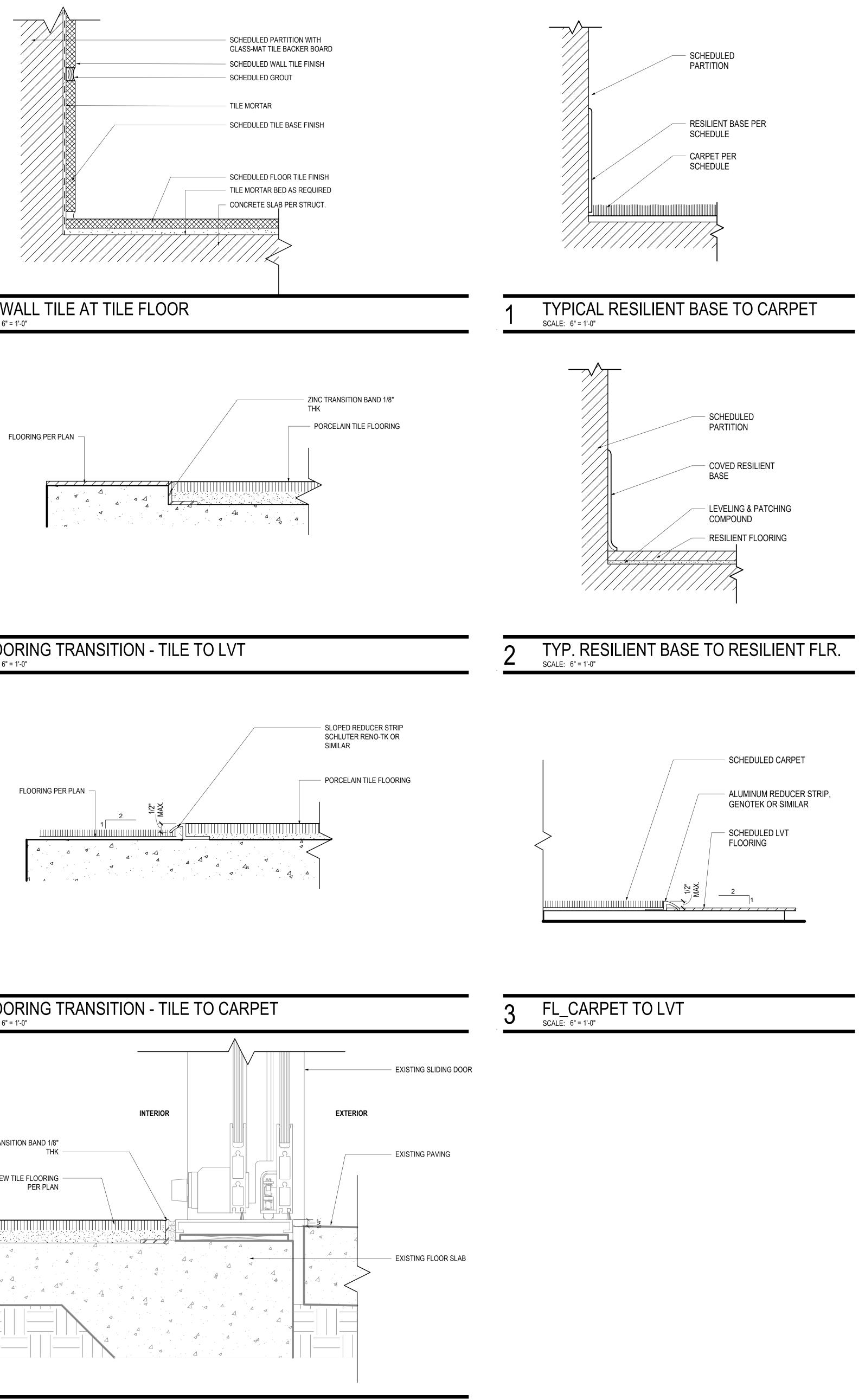


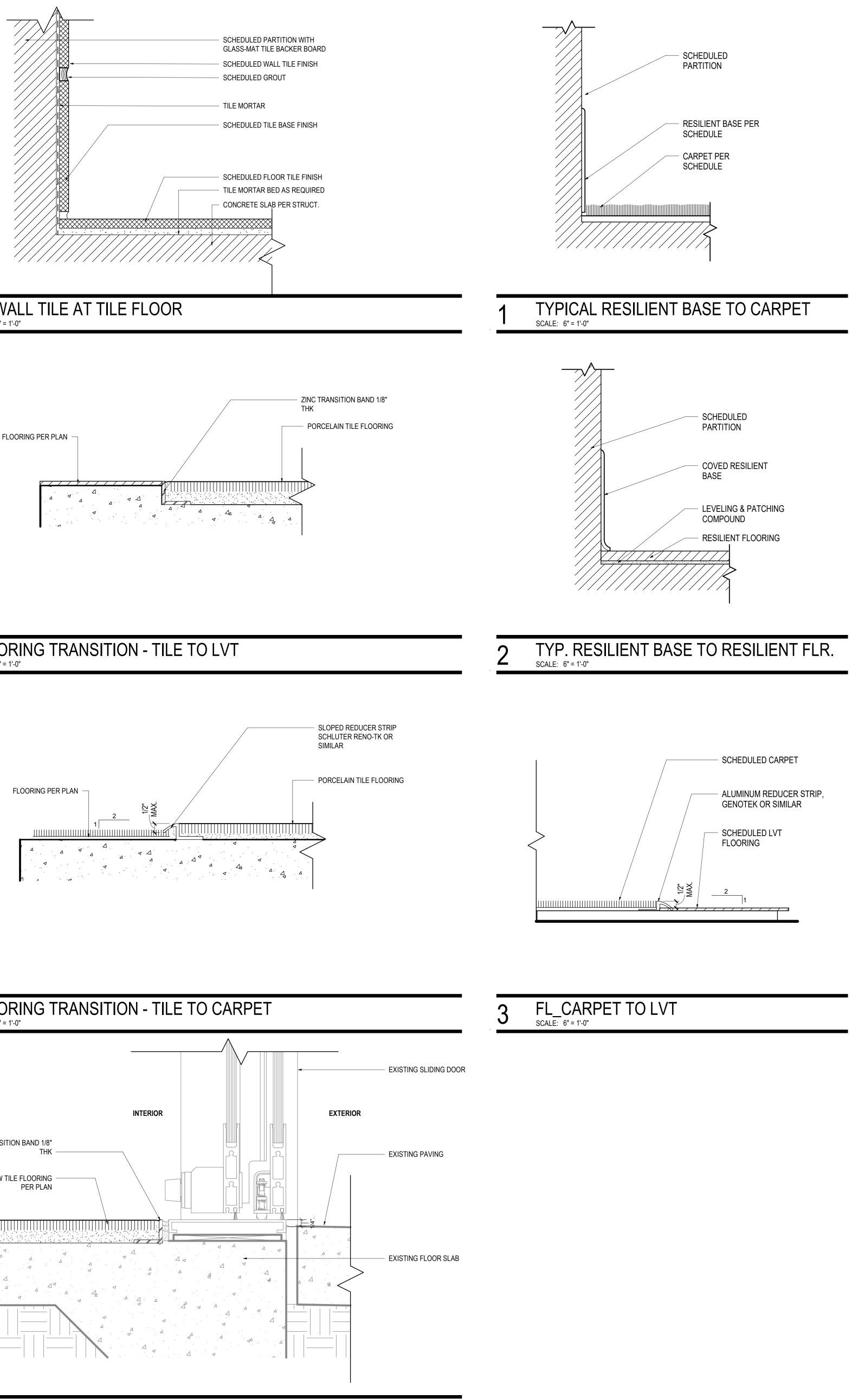


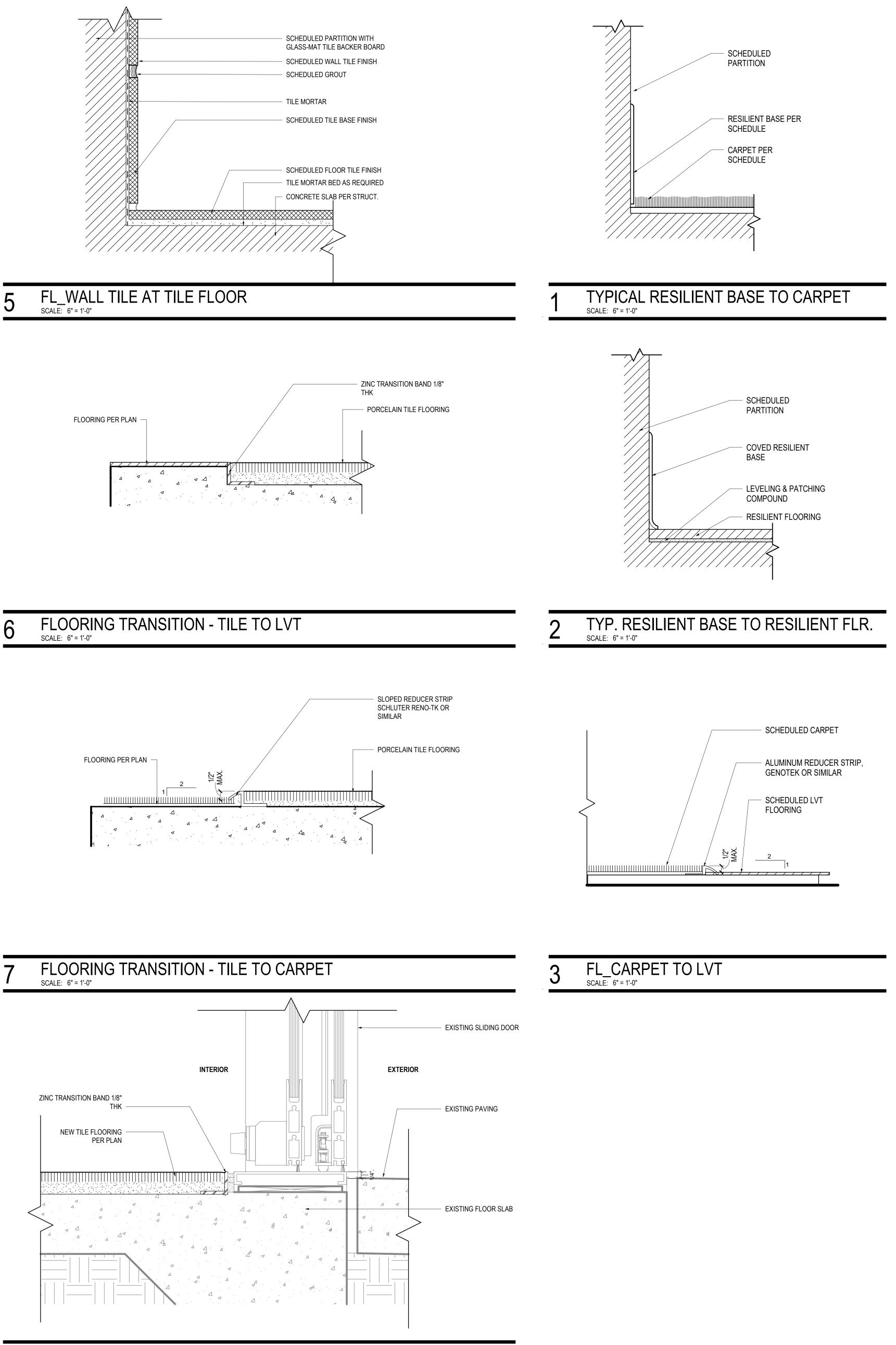
Type Mark	Description	Mounting	Furnish / Install	Comments
EQ-4	BED, MED-SURG	FLOOR/WALL	OFCI	
EQ-5	TEACHING PODIUM	FLOOR/WALL	CFCI	EXTRON PRODUCT
EQ-6	60" TV MONITOR	FLOOR/WALL	CFCI	
EQ-7	COPY / PRINTER	FLOOR/WALL	OFOI	
EQ-8	75" TV MONITOR	FLOOR/WALL	CFCI	DIVERSA TRACK WALL MOUNTED SYSTEM INTEGRATED WITH WHITEBOARDS
EQ-9	WHITEBOARD	FLOOR/WALL	CFCI	
EQ-10	WHITEBOARD	FLOOR/WALL	CFCI	DIVERSA TRACK WALL MOUNTED SYSTEM INTEGRATED WITH MONITORS
EQ-11	HEAD WALL MONITOR	FLOOR/WALL	OFCI	RELOCATED MONITOR
EQ-12	LOWER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 4
EQ-13	UPPER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 4
EQ-14	LOWER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 3
EQ-15	UPPER HEAD WALL	FLOOR/WALL	OFCI	RELOCATED FROM LAB 3



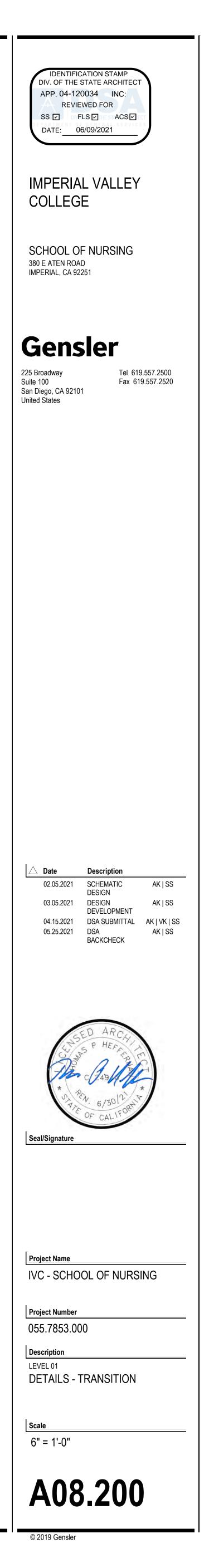


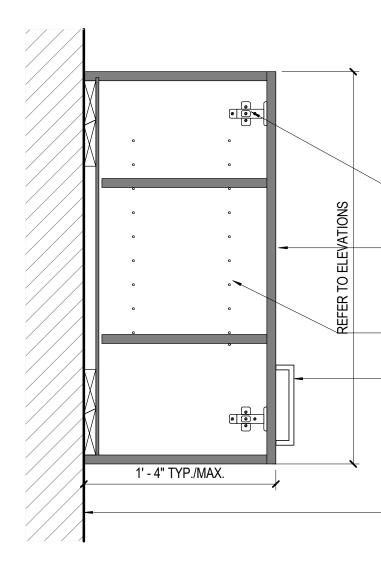




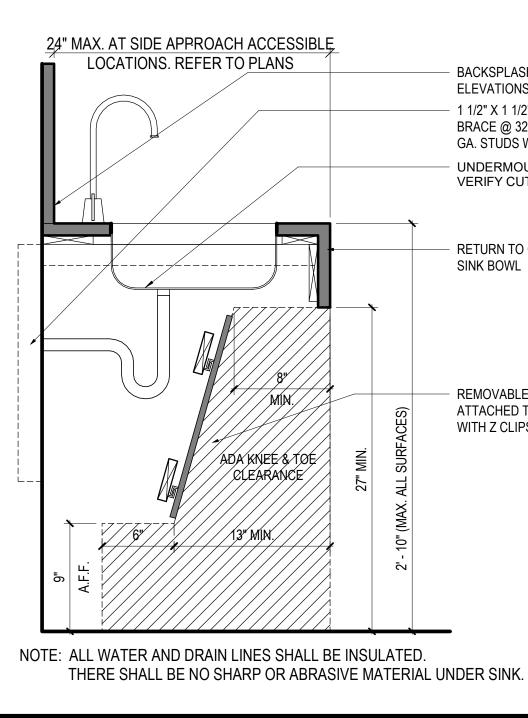


FLOORING TRANSITION - ENTRY SCALE: 6" = 1'-0" 8

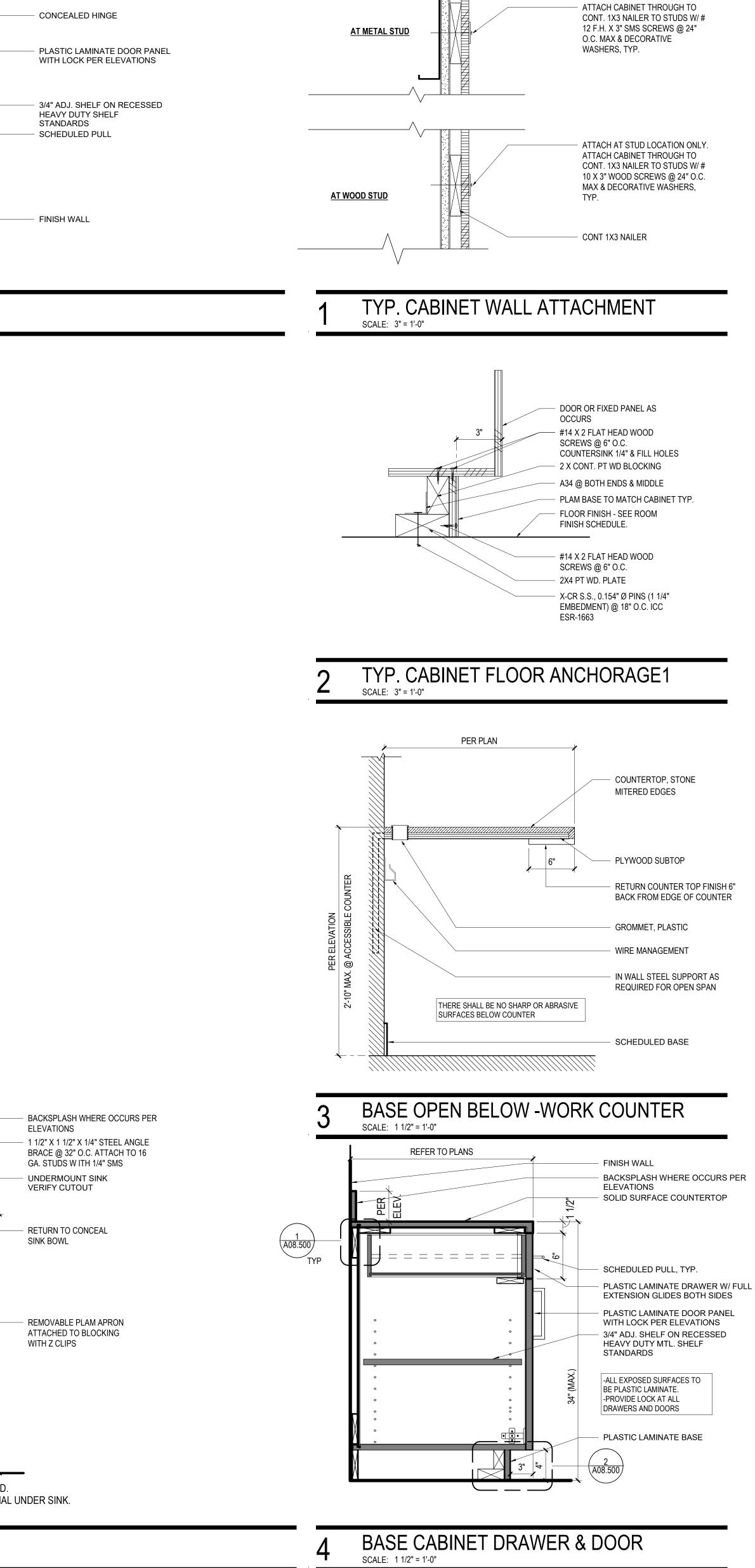




UPPER CABINET OPEN ABOVE SCALE: 1 1/2" = 1'-0" 5

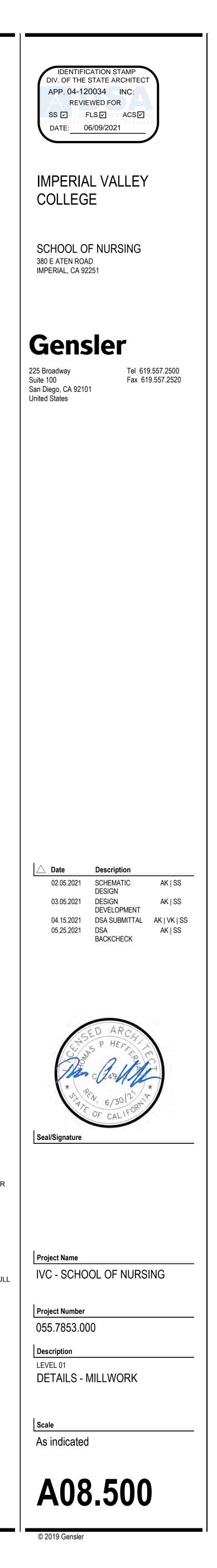


SINK AT COUNTERTOP SCALE: 1 1/2" = 1'-0"

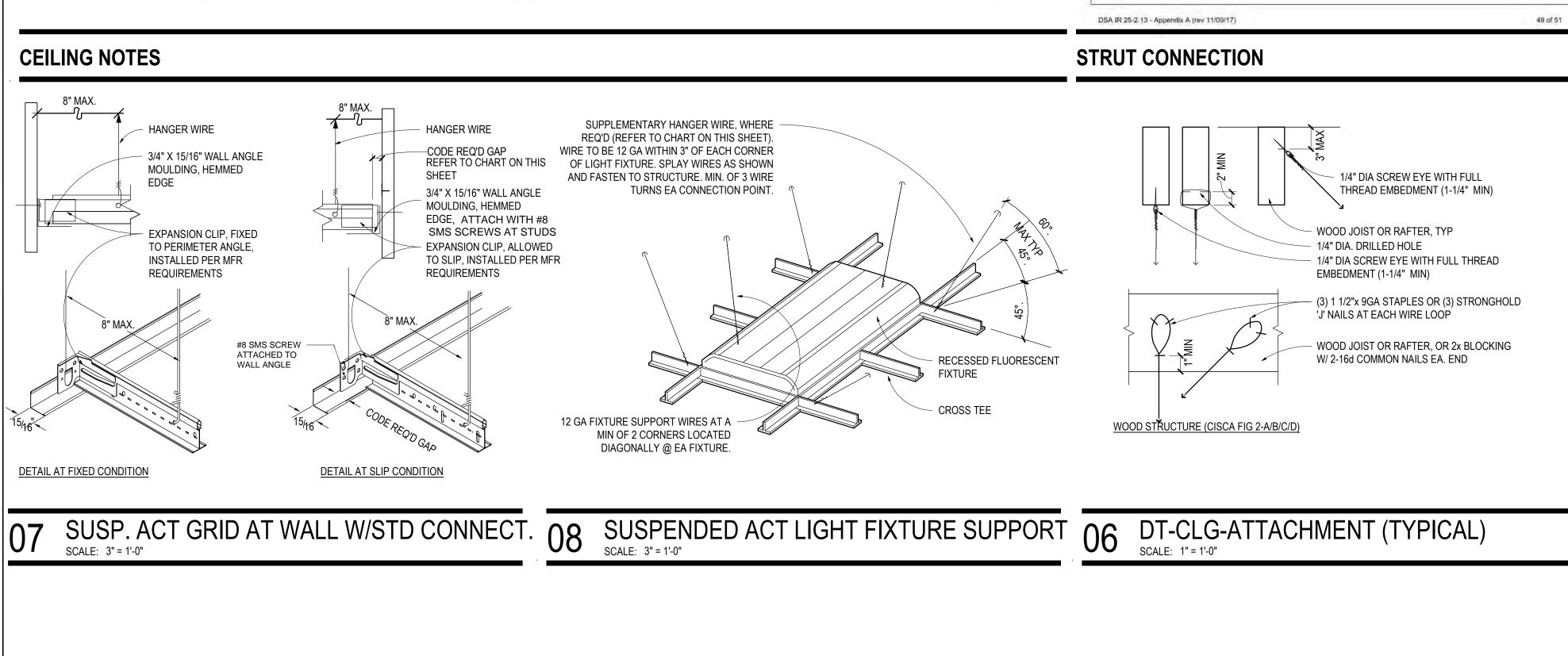


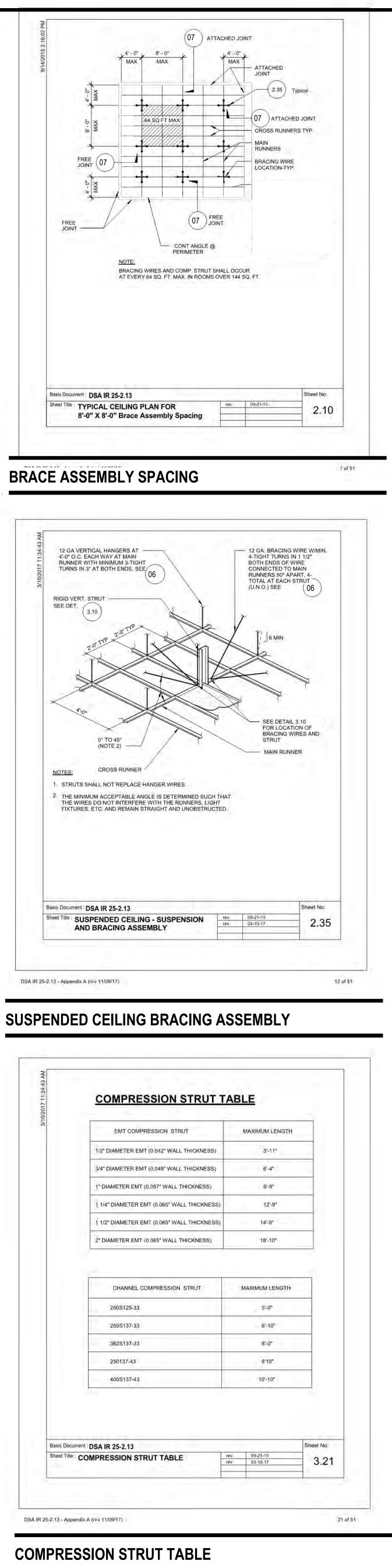
4/A09.102, 16 GA.

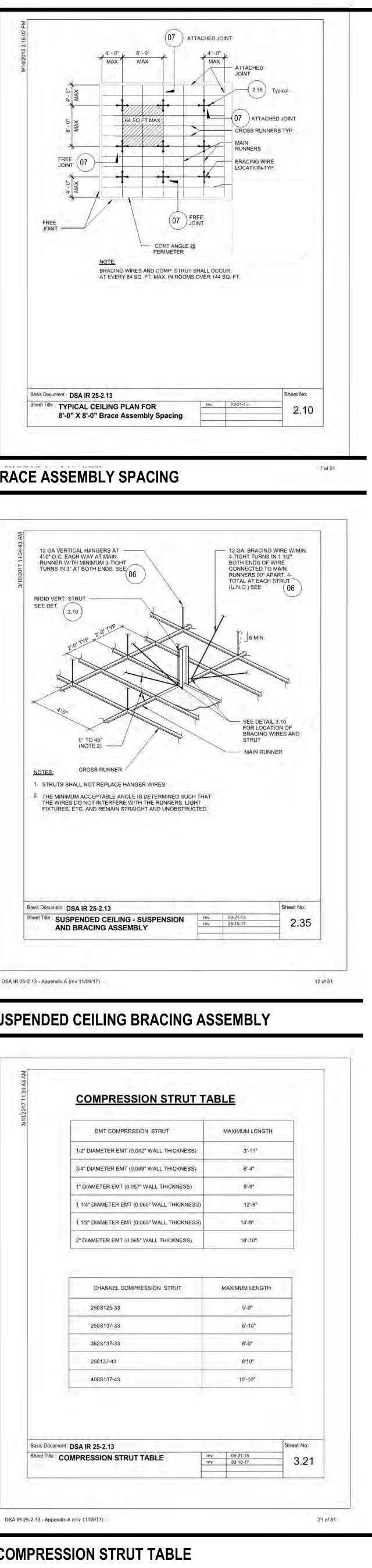
- BACKING PER STRUCTURAL

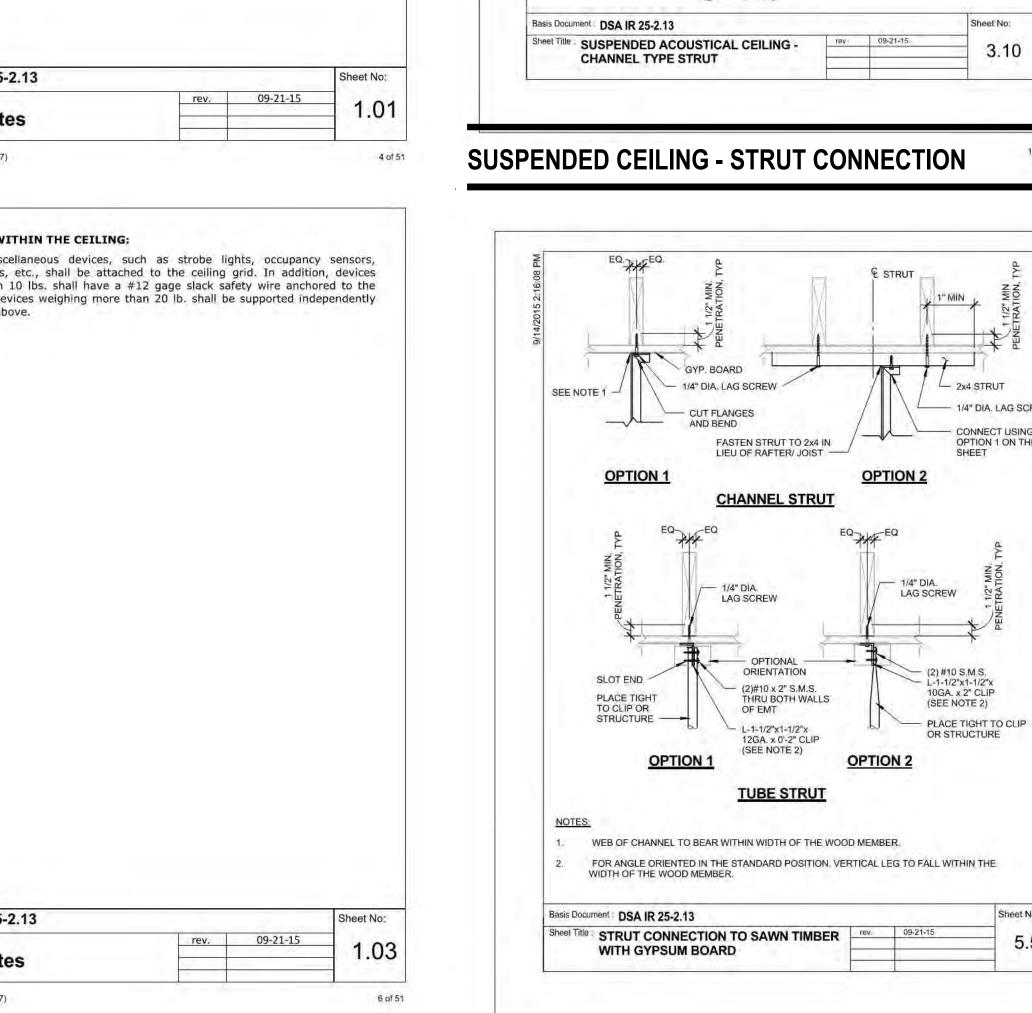


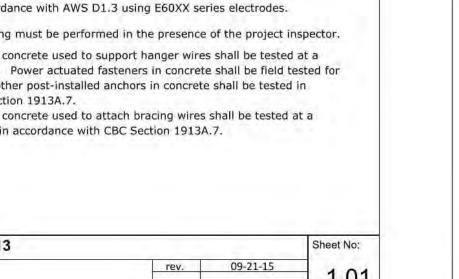
6.05 6.06 7. 7.01 7.02 7.03 7.04 Basis Do Sheet Ti	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other appro- or other approved hangers, including their att capable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attacher mechanical means. Screws or approved fas attachments are required at each component Ceiling-mounted air terminals or other serv shall have one (1) #12 gage slack safety wi the structure above. Flexible sprinkler hose fittings, ceiling-mount more than 20 lb. but less than or equal to safety wires (at diagonal corners) connect structure above. Flexible sprinkler hose fittings, ceiling-mount more than 56 lb. shall be supported directly four (4) taut #12 gage hanger wires attact structure above or other approved hangers.	t each corner. shall be independently supple at each corner) attached to by the at each corner) attached to by the tachment to the structure at the of the fixture. brackets, ceiling-mounted at the of the fixture. brackets, ceiling suspension the of the ceiling suspension steners are required. A main ices weighing less than or re attached from the terminant ted air terminals or other set 56 lb. shall have two (2) ted from the terminal or ted air terminals or other set from the structure above to	borted by not less from the fixture aut #12 gage wires bove, shall be air terminals or on systems by hinimum of two equal to 20 lb. hal or service to ervices weighing #12 gage slack service to the ervices weighing by not less than service to the Sheet No:	Basis Doci Sheet Title	BOA IN 20-2.10	rev.	09-21-15	Sheet No. 1.0
6.05 6.06 7. 7.01 7.02 7.03 7.04	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other appro- or other approved hangers, including their att capable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attacher mechanical means. Screws or approved fas attachments are required at each component Ceiling-mounted air terminals or other serv shall have one (1) #12 gage slack safety wi the structure above. Flexible sprinkler hose fittings, ceiling-mount more than 20 lb. but less than or equal to safety wires (at diagonal corners) connect structure above. Flexible sprinkler hose fittings, ceiling-mount more than 56 lb. shall be supported directly four (4) taut #12 gage hanger wires attact structure above or other approved hangers.	t each corner. shall be independently supple at each corner) attached for the structure at tached to the structure at the of the fixture. brackets, ceiling-mounted at the of the fixture. brackets, ceiling suspensions are required. A method to the ceiling suspension are attached from the terminal or the attached from the terminal or the dair terminals or other see from the structure above to ched from the terminal or the structure above to the structure ab	air terminals or on systems by ninimum of two equal to 20 lb. hal or service to ervices weighing #12 gage slack services to the ervices weighing by not less than service to the ervices to the		BOA IN 20-2.10	rev.	09-21-15	
6.05 6.06 7. 7.01 7.02 7.03	 directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other approved hangers, including their atticapable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attacher mechanical means. Screws or approved fas attachments are required at each component Ceiling-mounted air terminals or other servishall have one (1) #12 gage slack safety with structure above. Flexible sprinkler hose fittings, ceiling-mount more than 20 lb. but less than or equal to safety wires (at diagonal corners) connect structure above. Flexible sprinkler hose fittings, ceiling-mount more than 56 lb, shall be supported directly four (4) taut #12 gage hanger wires attaction 	t each corner. shall be independently supple at each corner) attached to by the at each corner) attached to by the tachment to the structure at the of the fixture. brackets, ceiling-mounted at the of the fixture. brackets, ceiling suspension the of the ceiling suspension steners are required. A main ices weighing less than or re attached from the terminant ted air terminals or other set 56 lb. shall have two (2) ted from the terminal or ted air terminals or other set from the structure above to	air terminals or on systems by ninimum of two equal to 20 lb. hal or service to ervices weighing #12 gage slack services weighing py not less than					
6.05 6.06 7. 7.01 7.02	 directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other approor other approved hangers, including their att capable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attachemechanical means. Screws or approved fas attachments are required at each component Ceiling-mounted air terminals or other servishall have one (1) #12 gage slack safety wi the structure above. Flexible sprinkler hose fittings, ceiling-mount more than 20 lb. but less than or equal to safety wires (at diagonal corners) connect 	t each corner. shall be independently supple at each corner) attached foved hangers. The four (4) t tachment to the structure at the of the fixture. brackets, ceiling-mounted at d to the ceiling suspension steners are required. A m ices weighing less than or re attached from the terminated ted air terminals or other set 56 lb. shall have two (2)	ported by not less from the fixture aut #12 gage wires pove, shall be air terminals or on systems by ninimum of two equal to 20 lb. hal or service to ervices weighing #12 gage slack					
6.05 6.06 7. 7.01	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other appro- or other approved hangers, including their att capable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attached mechanical means. Screws or approved fas attachments are required at each component Ceiling-mounted air terminals or other servi- shall have one (1) #12 gage slack safety wi	t each corner. shall be independently supple at each corner) attached foved hangers. The four (4) t tachment to the structure at the of the fixture. brackets, ceiling-mounted at d to the ceiling suspension steners are required. A m d to supplie that at the structure at the steners are required.	ported by not less from the fixture aut #12 gage wires pove, shall be air terminals or on systems by hinimum of two equal to 20 lb.					
6.05 6.06 7.	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other appro- or other approved hangers, including their att capable of supporting four (4) times the weig SERVICES WITHIN THE CEILING: All flexible sprinkler hose fitting mounting other services shall be positively attached mechanical means. Screws or approved fas	t each corner. shall be independently supple at each corner) attached foved hangers. The four (4) t tachment to the structure at the of the fixture. brackets, ceiling-mounted a d to the ceiling suspension steners are required. A m	ported by not less from the fixture aut #12 gage wires pove, shall be air terminals or on systems by					
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6.05	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than shall have a #12 gage slack safety wire at All Light fixtures weighing greater than 56 lb. than four (4) taut #12 gage hanger wires (on housing to the structure above or other appro	t each corner. . shall be independently supp ne at each corner) attached 1 oved hangers. The four (4) t	ported by not less from the fixture aut #12 gage wires					
	directly on the ceiling runners, but they shall safety wires connected from the fixture housi Exception: All light fixtures greater than		cas chun 50 155.					
			e structure above.					
6.6.	gage slack safety wire connected from the fix	ture housing to the structur It less than or equal to 56 lb	e above. s. may be supported					
	Light fixtures weighing less than or equal to 2 gage slack safety wire connected from the fix Light fixtures weighing less than or equal to 2	ture housing to the structur	e above.					
4.7	device to the structure above. Provide additio feet or longer or exceed 56 lb. Maximum space feet.	onal supports when light fixto cing between supports shall	ures are eight (8) not exceed eight (8)					
6.02	Surface-mounted light fixtures shall be attach clamping devices. The clamping device shall runner and be made of steel with a minimum catches do not comply. A #12 gage slack saf	completely surround the sup thickness of #14 gage. Rol	pporting ceiling tational spring		nom the structure above.			
	mechanical means to resist a horizontal for minimum of two screws or approved fasten ASTM E580, Section 5.3.1.	rce equal to the weight of ners are required at each li	the fixture. A ght fixture, per		speakers, exit signs, etc., shall be at weighing more than 10 lbs. shall have structure above. Devices weighing mo from the structure above.	tached to the ceiling a #12 gage slack sa	grid. In addition, afety wire anchored	devices d to the
6. 6.01	LIGHT FIXTURES: All light fixtures shall be positively attach			8. 8.01	OTHER DEVICES WITHIN THE CEILI All lightweight miscellaneous devices	, such as strobe lig		
DSA IR 25	2.13 - Appendix A (rev 11/09/17)		3 of 51	554 IR 25-2	n m ∼r geponden rs (nov i tropic tr.)			
	Ceiling Notes				Ceiling Notes			1.(
Basis Do Sheet Tit	DOA IN 20-2.10	rev. 09-21-1	Sheet No: 1.00	Basis Doc Sheet Title	e:	rev.	09-21-15	Sheet N
					frequency of 50 percent in accordance v			
	strength (Fu) of 48 ksi.			5.02	frequency of 10 percent. Power actuat 200 lbs. in tension. All other post-instal accordance with CBC Section 1913A.7. Post-installed anchors in concrete used	ed fasteners in concret lled anchors in concret	te shall be field test te shall be tested in	ted for
2.03	Material 54 mil (16 gage) and heavier shall ha Electrical metallic tube (EMT) shall be ANSI C galvanizing, EMT shall have minimum yield sta	ave a minimum yield strengt 80.3/UL 797 carbon steel wi	h of 50 ksi. th G90	4.07 5. 5.01	Welding shall be in accordance with AW: TESTING: All field testing must be peri Post-installed anchors in concrete used	formed in the presence	e of the project insp	
	struts/post) shall conform to ASTM A653-11, Section A2.1 of the North American Specificat Structural Members 2007, including suppleme Material 43 mil (18 gage) and lighter shall have	or other equivalent sheet sta ion for the Design of Cold-Fa ent 2 dated 2010 (AISI S100	eel listed in ormed Steel)-07/S2-10).	4.06	Concrete reinforcement and prestressi means prior to installing post - installed	ng tendons shall be lo anchor.	located by non-des	structiv
2.02	A641-09a. Wire shall be #12 gage (0.106" di tensile strength = 70 ksi. Galvanized sheet steel (including that used fo	iameter) with soft temper ar	nd minimum	4.04	If not otherwise specified in the evaluat steel shall be installed so the entire poir steel member. Power-actuated fasteners in concrete ar	nted end of the fastene	er is driven through	
2. 2.01	MATERIALS: Ceiling wire shall be Class 1 zinc coated (galva			4.03	Power-Actuated Fasteners shall be: N/A		to be all out over all only	
1.00	mandatory to provide 34" clearance between sides of the ceiling which are free to slip. If clearance between the ceiling panel and the w	the acoustical tile panels an For all other ceiling panel to	d the wall on the ypes, provide ¾"	4.02	threads. Expansion anchors shall be: 4"LAG SCREW	aterial shan not be less	than three expose	u
1.05	Ceiling panels shall not support any light fixtu For ceiling installations utilizing acoustical til			4. 4.01	FASTENERS AND WELDING: Sheet metal screws shall comply with As Penetration of screws through joined ma	STM C1513-10, ASME I	B18.6.4-89 (R2005	5). ed
1.04	Manufacturer's catalog number - cross ru Seismic Wall Clip: Manufacturer's Model <u>ARMSTRONG BERC2 CLIPS</u>		-		ceiling clips must be bent as shown in the the direction of the wire, screw eyes in direction of the wire, etc.)			
	Manufacturer's Name ARMSTRONG PRELUDE 15/1 Product Evaluation Report Type and Num Manufacturer's Model Number - main run	ber ICC ESR - 1308 OR EQUAL			Slack safety wires shall be considered h Hanger and bracing wire anchorage to t the direction of the anchorage aligns clo	he structure shall be in sely with the direction	nstalled in such a m of the wire. (e.g.	hanner bracin
	Ceiling systems. The following ceiling system [For each system used, the RDP shall ind information that follows]	n(s) is/are part of the scop licate in the construction	documents, the	3.03	not limited to: piping, ductwork, conduit Hanger wires that are more than one have counter-sloping wires.		ertical) out of plur	nb sha
1.03	Coiling systems. The following coiling system	duty as defined by ASTM C6.	and the second se	3.02	Separate all ceiling hanger and bracing ducts, pipes, conduit, etc. Hanger and bracing wires shall not atta		obstructions inclu	

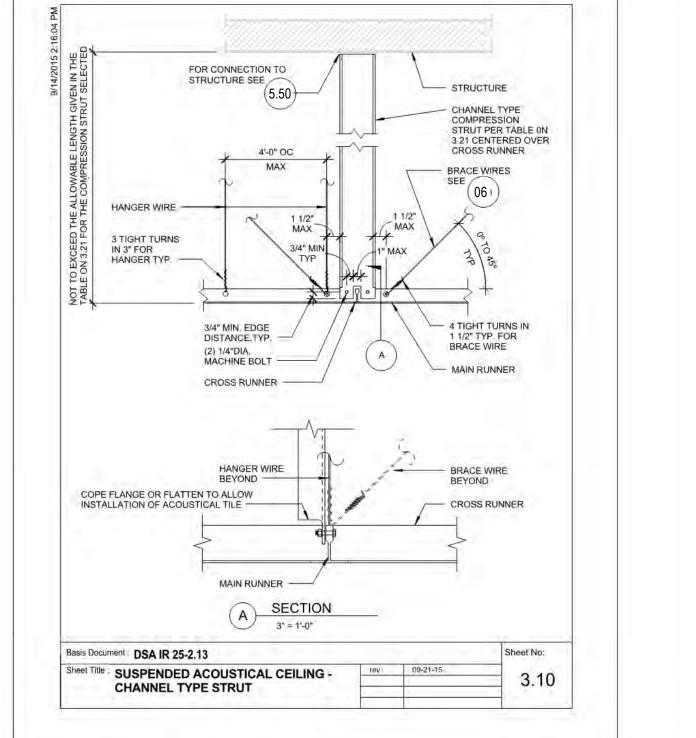












19 of 51

- 2x4 STRUT

SHEE

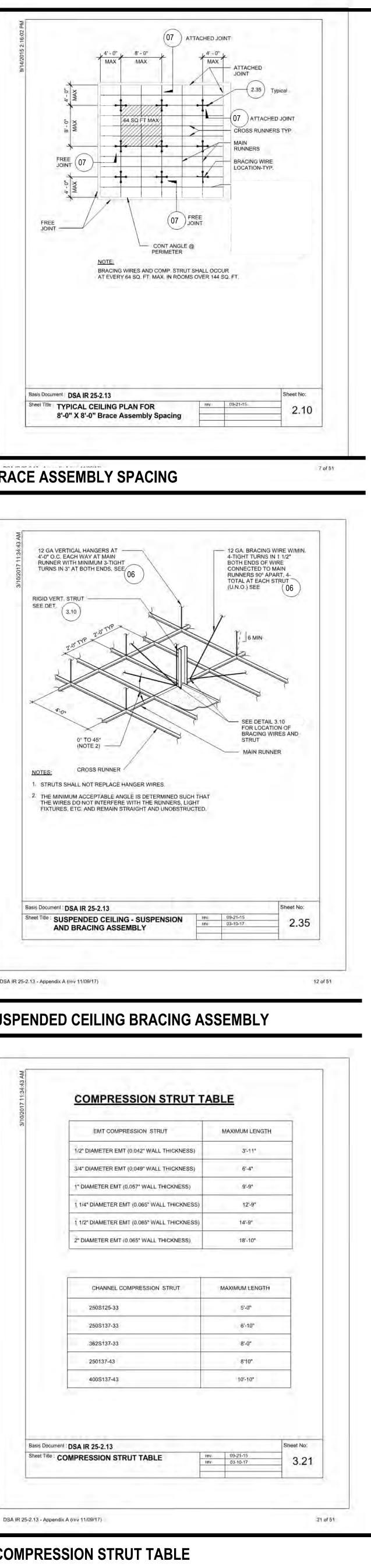
1/4" DIA. LAG SCREW

CONNECT USING

OPTION 1 ON THIS

Sheet No:

5.50

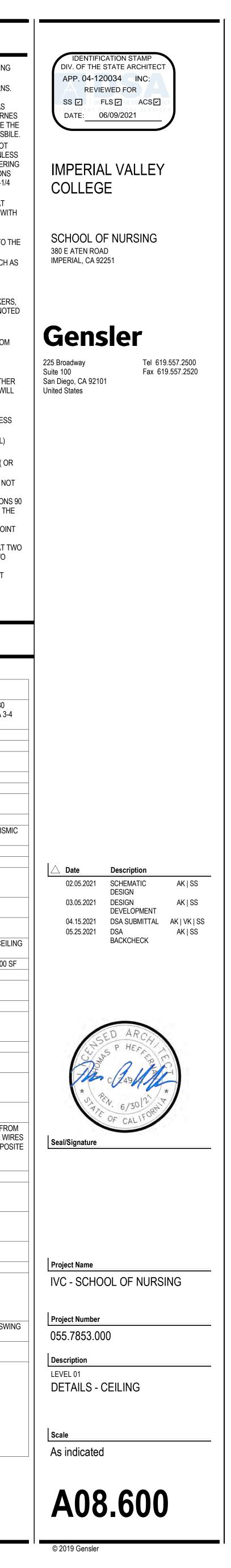


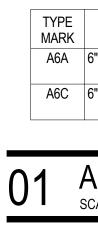
GENERAL NOTES

- SPLICES ARE NOT PERMITTED IN ANY HANGER OR SPLAY WIRES. WIRES TO BE TAUT WITHOUT CAUSING THE CEILING TO LIFT
- FASTEN HANGER WIRES NOT LESS THAN 3 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2". HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF HTE FORCIES ACING ON THE WIRE. (NOTE: WIRE TURNES MADE BY MACHINE WHERE BOTH STRANDS HAVE BEEN DEFORMED OR BENT IN WRAPPING CAN WAIVE THE 1 1/2" REQUIREMENT, BUT THE NUMBER OF TURNS SHALL BE MAINTAINED AS BEING AS TIGHT AS POSSBILE.
- ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS. SUSPENSION WIRES SHALL NOT HANG MORE THAN 1 IN 6 OUT OF PLUMB UNLESS COUNTER SLOPING WIRES ARE PROVIDED. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. A TRAPEZE OR EQUIVALENT DEVICE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION. TRAPEZE SUSPENSIONS SHALL BE A MINIMUM OF BACK-TO-BACK 1-1/4 INCH COLD ROLLED CHANNELS FOR SPANS EXCEEDING 48 INCHES
- BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR 2, WHICHEVER IS GREATER NON-BEARING PARTITIONS THAT EXTEND TO AND TERMINATE AT A SUSPENDED CEILING, AND ARE
- SUPPORTED LATERALLY BY AN APPROVED BRACING SYSTEM MAY BE CONSIDERED AS NOT ADDING TO THE LATERAL LOAD REQUIRED TO BE RESISTED BY THE CEILING SYSTEM SPLICES OR INTERSECTIONS OF CROSS RUNNERS SHALL BE ATTACHED THROUGH CONNECTORS SUCH AS
- POP RIVETS, SCREWS, PINS, PLATES WITH END TABS OR OTHER APPROVED CONNECTORS. SUCH THROUGH CONNECTORS SHALL BE CAPABLE OF TRANSFERRING A MEANS OF ULTIMATE TENSION / COMPRESSION FORCE OF 180 POUNDS LOCATE REGISTERS AND LIGHTING FIXTURES WITHIN GRID LINES. CENTER SPRINKLER HEADS, SPEAKERS,
- RECESSED FIXTURES, AND SIMILAR CEILING ELEMENTS IN ACOUSTICAL UNITS, UNLESS OTHERWISE NOTED FINISH HVAC DIFFUSERS, DRAPERY POCKETS, AND SPEAKER GRILLES TO MATCH ADJACENT FINISH, UNLESS OTHERWISE NOTED
- SUSPENDED CEILING LATERAL FORCE BRACING MEMBERS SHALL BE LOCATED A MINIMUM OF 6 IN FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT ARE NOT PROVIDED W/ BRACING RESTRAINTS FOR HORIZONTAL FORCES. SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6" FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC
- EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTION, SPRINKLER HEADS AND OTHER PENETRATIONS THROUGH THE CEILING TILE REQUIRE 2 IN MIN RINGS, SLEEVES OR ADAPTERS THAT WILL ALLOW A 1 IN MIN CEILING MOVEMENT IN ALL DIRECTIONS. ALTERNATIVELY, A SWING JOINT CAN BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION TO ACCOMMODATE 1 IN MOVEMENT.
- ALL SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL COMPLY WITH ICC ESR-1308 (OR EQUAL) UNLESS OTHERWISE NOTED AND APPROVED BY ARCHITECT AND OWNER. I POWDER ACTUATED/DRIVEN FASTENERS SHALL BE HILTI X-U SHOT PINS PER ICC ESR-2269 (OR EQUAL) EXPANSION ANCHORS SHALL BE HILTI KB-TZ ANCHORS PER ICC ESR- 1917 (OR EQUAL) SHEET METAL SCREWS (SMS) SHALL BE HILTI KWICK-PRO SELF DRILLING SCREWS PER ICC ESR-2196 (OR
- EQUAL) WHERE CEILING LOADS TO NOT EXCEED 5 POUNDS PER SQUARE FOOT AND WHERE PARTITIONS ARE NOT CONNECTED TO THE CEILING SYSTEM, THE FOLLOWING BRACING METHODS MAY BE EMPLOYED: -PROVIDE LATERAL SUPPORT BY FOUR WIRES OF MINIMUM NO. 12 GAUGE SPLAYED IN FOUR DIRECTIONS 90 DEGREES APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ABNGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. PROVIDE THESE LATERAL SUPPORT POINTS 12 FEED ON CENTER IN EACH DIRECTION, WITHE FIRST POINT
- WITHIN 4' FROM EACH WALL. -ALLOW FOR LATERAL MOVEMENT OF THE SYSTEM. ATTACH MAIN RUNNERS AND CROSS RUNNERS AT TWO ADJACENT WALLS; MAINTAIN CLEARANCE BETWEEN THE WALL AND THE RUNNERS AT THE OTHER TWO WALLS.
- -PROVIDE VERTICAL SUPPORT AS REQUIRED IN BUILDING CODES. IN ADDITION, VERTICALLY SUPPORT ENDS OF RUNNERS WITHIN 8" OF DISCONTINUITIES SUCHA AS MAY OCCUR WHERE THE CEILING IS INTERUPTED BY A WALL. -SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.

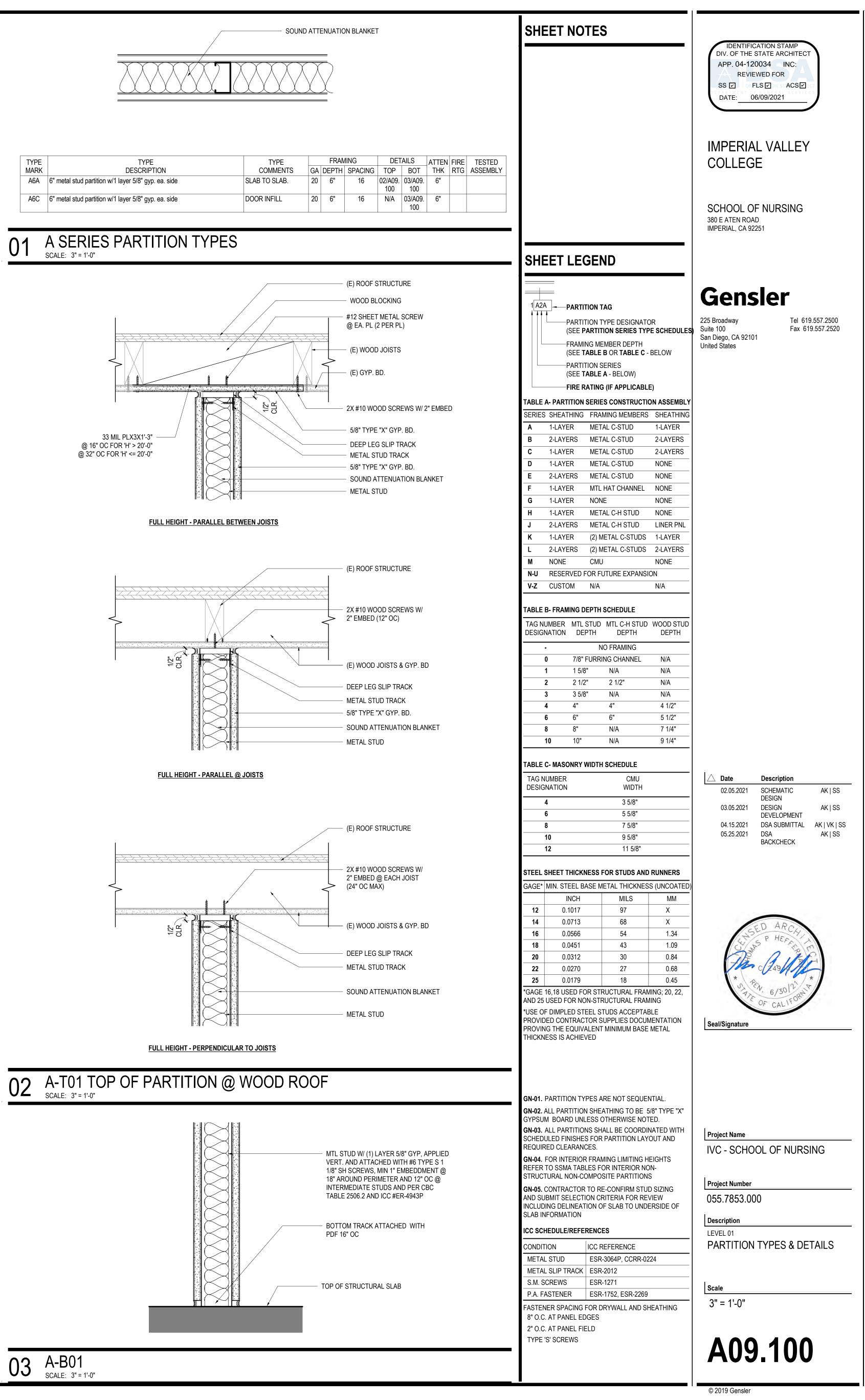
MINIMUM CODE REQUIREMENTS

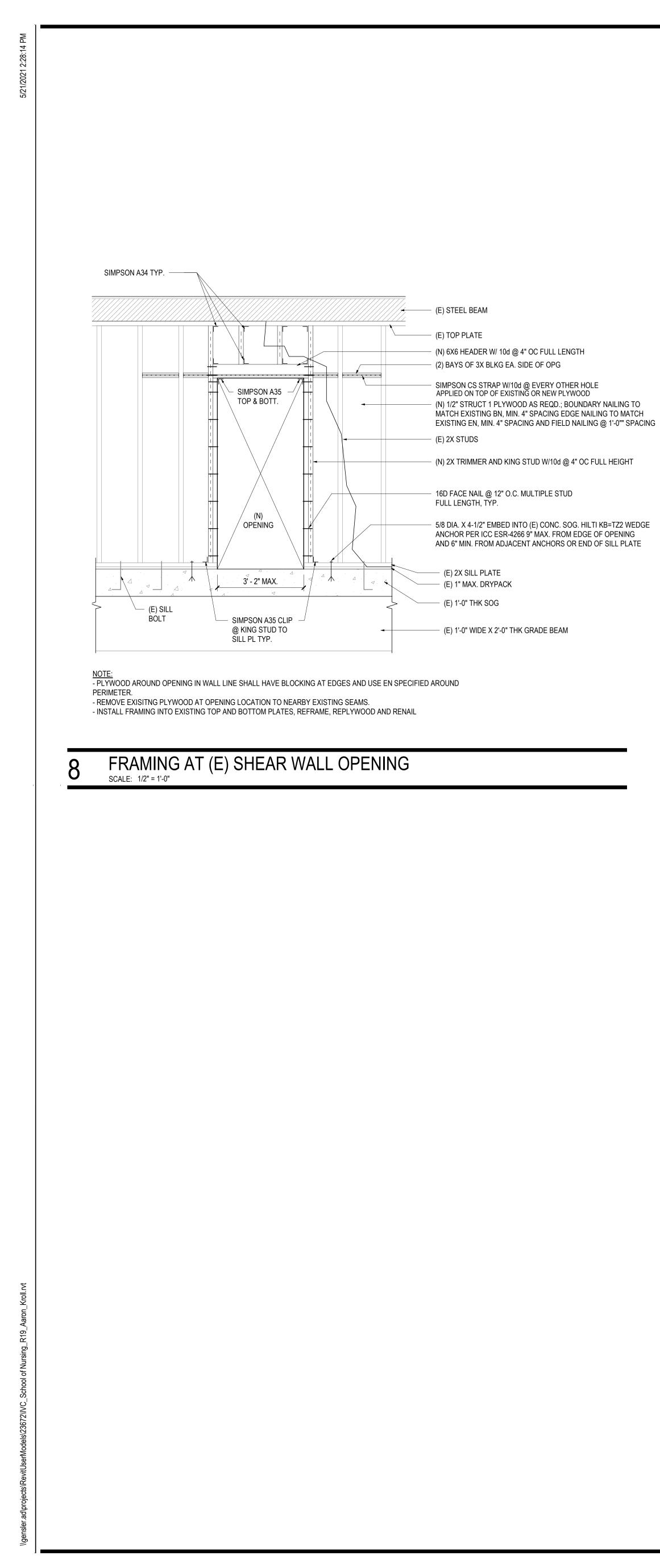
BASIC CONNECTIONS, PERIMETER AND LATERAL SPLAY BRACING	CATEGORY D
A. DESIGN STANDARDS	A. ASTM C635, C636, E580
B. CEILING SYSTEMS (INCL FIXTURES, ETC) <=2.5 PSF	B. ASCE 7-13.5.6.2.1, CISCA 3-
C. CEILING SYSTEMS (INCL FIXTURES, ETC) >2.5 PSF MINIMUM INTERSECTION STRENGTH LIMITS @ MT/CT (1)	C. CISCA 3-4 180 LBS
VERTICAL HANGER WIRE 12 GA @ 48 IN. O.C.	REQUIRED
CONNECTION DEVICE FROM VERTICAL WIRE TO THE STRUCTURE ABOVE	REQUIRED
MUST SUSTAIN MIN. 100 LBS	
MAIN TEE CLASSIFICATIONS (MIN)	HEAVY-DUTY
1 IN 6 MAX PLUMB OF VERTICAL HANGER WIRES	REQUIRED
PERIMETER VERTICAL HANGER WIRES (12 GA) NOT MORE THAN 8 IN. FROM WALL (OR 1/4 LENGTH OF TEE, WHICHEVER IS LESS)	REQUIRED
GAP BETWEEN MAIN/CROSS RUNNERS AND UNATTACHED WALLS	MIN 3/4 IN.
PERIMETER CLOSURE (MOULDING) WIDTH	MIN 2 IN. (OR APPROVED SEISM CLIPS)
GRID CONNECTION TO PERIMETER ATTACHED ON TWO ADJACENT WALLS	REQUIRED
PERIMETER TEE ENDS TIED TOGETHER TO PREVENT SPREADING	REQUIRED
HORIZONTAL RESTRAINT (SPLAY WIRES OR RIGID BRACING) WITHIN 2 IN.	REQUIRED (4)
OF INTERSECTION AND SPLAYED 90 DEGREES APART AT 45 DEGREE ANGLES	
COMPRESSION POSTS (STRUTS) 12 IN. O.C. IN BOTH DIRECTIONS,	REQUIRED
STARTING 6 FT FROM WALLS	
SPLAY BRACING CONNECTION STRENGTH 200 LBS OR THE DESIGN LOAD, WHICHEVER IS GREATER	REQUIRED
PARTITION ATTACHMENT	BRACING INDEPENDENT OF CEII SPLAY BRACING
SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION (2)	REQUIRED FOR AREAS >2,500
RIGID BRACING FOR CEILING PLANE ELEVATION CHANGES	REQUIRED
EXPANSION JOINT AT INTERSECTIONS OF CORRIDORS AND AT	REQUIRED (3)
JUNCTIONS OF CORRIDORS, LOBBIES OR SIMILAR AREAS	
SPECIAL INSPECTIONS AS REQUIRED BY ASCE 7-05 SEC 13.5.6.2.2(H)	NOT REQUIRED
METAL PANELS AND PANELS WEIGHING >0.5 PSF OTHER THAN ACOUSTICAL TILES SHALL BE POSITIVELY ATTACHED TO THE CEILING	NOT REQUIRED
SUSPENSION RUNNERS	
LIGHT FIXTURE ATTACHMENT	
LIGHT FIXTURE (ALL TYPES) MECHANICALLY ATTACHED TO GRID NEC 410-16 (TWO PER FIXTURE UNLESS INDEPENDENTLY SUPPORTED)	REQUIRED
SURFACE MOUNTED FIXTURES ATTACHED TO GRID WITH AT LEAST TWO	REQUIRED (3)
POSITIVE CLAMPING DEVICES MADE OF MIN. 14 GA MATERIAL EACH WITH A 12 GA SUSPENSION WIRE TO STRUCTURE ABOVE	
PENDANT HUNG FIXTURES DIRECTLY SUPPORTED FROM STRUCTURE	REQUIRED
ABOVE WITH 9 GA WIRE (OR APPROVED ALTERNATIVE)	
ALL RECESSED OR DROP-IN LIGHT FIXTURES A. <= 10 LBS - ONE WIRE TO STRUCTURE (MAY BE SLACK)	ALL DIRECTLY SUPPORTED FR STRUCTURE WITH TWO 12 GA W
B. 11 LBS TO 56 LBS - TWO WIRES FROM HOUSING TO STRUCTURE (MAY	LOCATED AT DIAGONALLY OPPC
	CORNERS (3)
C. >= 57 LBS - SUPPORTED DIRECTLY TO STRUCTURE BY APPROVED LIGHT FIXTURE SUPPLEMENTARY HANGER WIRES	
INTERMEDIATE DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16	REQUIRED
LBS/LF MIN 12 GA HANGER WIRES MUST BE ATTACHED TO THE GRID MEMBERS WITHIN 3 IN. OF EACH CORNER OF EACH LIGHT FIXTURE	
HEAVY DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS/LF MIN	REQUIRED
12 GA HANGER WIRES MUST BE ATTACHED TO THE SUPPORTING CROSS	
TEE WITHIN 3 IN. OF THE CORNER OF EACH LIGHT FIXTURE	
SUPPLEMENTARY HANGER WIRES FOR HEAVY DUTY MAIN TEES WITH CROSS TEE RATING EQUAL TO 16 LBS/LF	NOT REQUIRED
SERVICE APPLICATIONS	
AIR TERMINALS	
	A. REQUIRED
B. 21 TO 56 LBS - POSITIVELY ATTACHED TO GRID AND TWO WIRES TO STRUCTURE (MAY BE SLACK)	B. REQUIRED C. REQUIRED
C. >= 57 LBS - DIRECTLY SUPPORTED TO STRUCTURE	
SPRINKLER HEADS AND OTHER PENETRATION CLEARANCE	MIN 2 IN. DIA OPENING OR A SW JOINT
CABLE TRAYS AND ELECTRICAL CONDUIT INDEPENDENTLY SUPPORTED	REQUIRED
(1) REQUIRED FOR CEILINGS LARGER THAN 1,000 SF (2) WHERE SUBSTANTIATING DESIGN CALCULATIONS ARE NOT PROVIDED	
(3) MODIFICATION TO ASTM E580 AS REQUIRED BY CBC SEC 1616	
(4) CEILINGS UNDER 144 SF OR CEILINGS CONSTRUCTED OF PLASTER OR	
GYPSUM BOARDS AND SECURED AT ALL PERIMETER WALLS ARE EXEMPT FROM LATERAL LOAD REQUIREMENTS (CISCA 3-4, PG 1, SEC 2)	
(5) CBC SEC 1613.1 EXCLUDES ADOPTION OF ASCE 7-05 APPENDIX 11A	
(WHICH CONTAINS THE SPECIAL INSPECTION REQUIREMENT). CONTRACTOR TO VERIFY WITH AUTHORITY(IES) HAVING JURISDICTION	
WHETHER SPECIAL INSPECTION WILL BE REQUIRED	



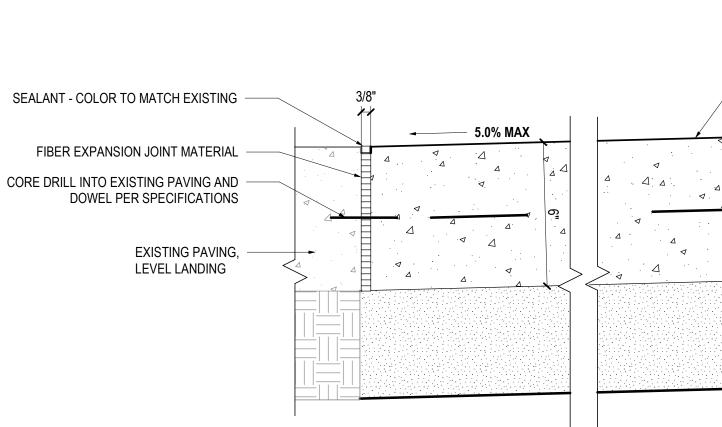


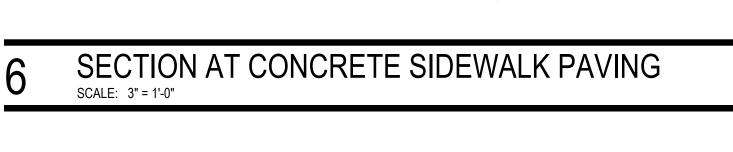


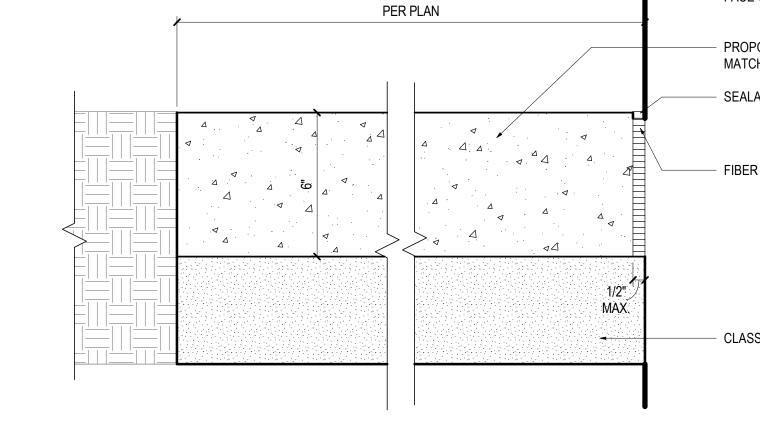




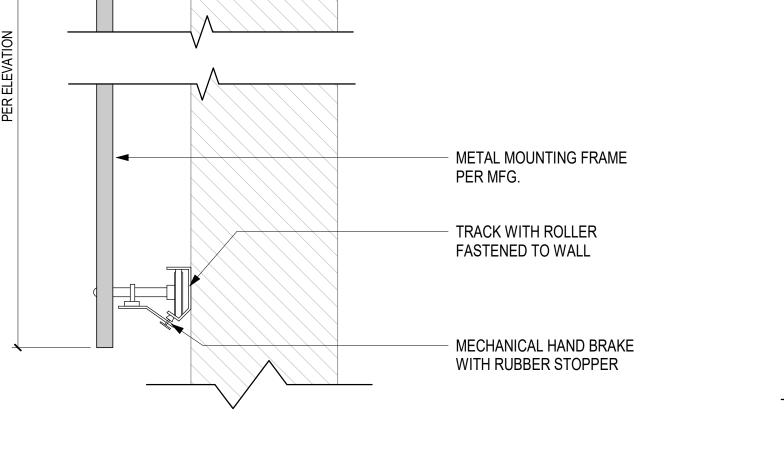
SECTION AT CONCRETE SIDEWALK PAVING SCALE: 3" = 1'-0"



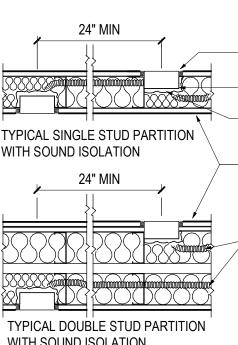






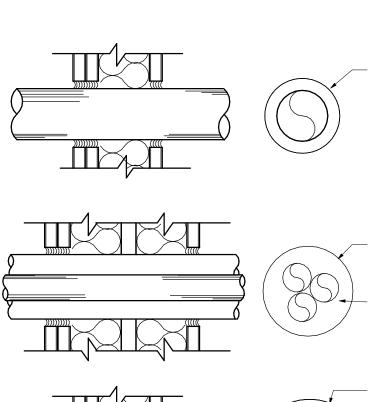


- EXISTING PARTITION



POWER, PHONE, COMMUNICATIONS, ETC.







2' 10" MAX A.F.F.

- STEEL STUD WALL W/GYP FINISH AS SCHEDULED

CONT. HANGER SECURELY ATTACHED TO STUD WALL W/#

THROUGH STEEL SLEEVE INTO

BACKING PER STRUCTURAL

MARKER TRAY WITH RADIUS

ADJ. MOUNTING CLIP

BACKING PER 04/A09.102

12 SCREWS @ 8" O.C.

MARKER BOARD

ENDS

FRAME

- FACE OF WALL

5

4" MAX

PROPOSED PAVING PER PLAN MATCH EXISTING ADJACENT

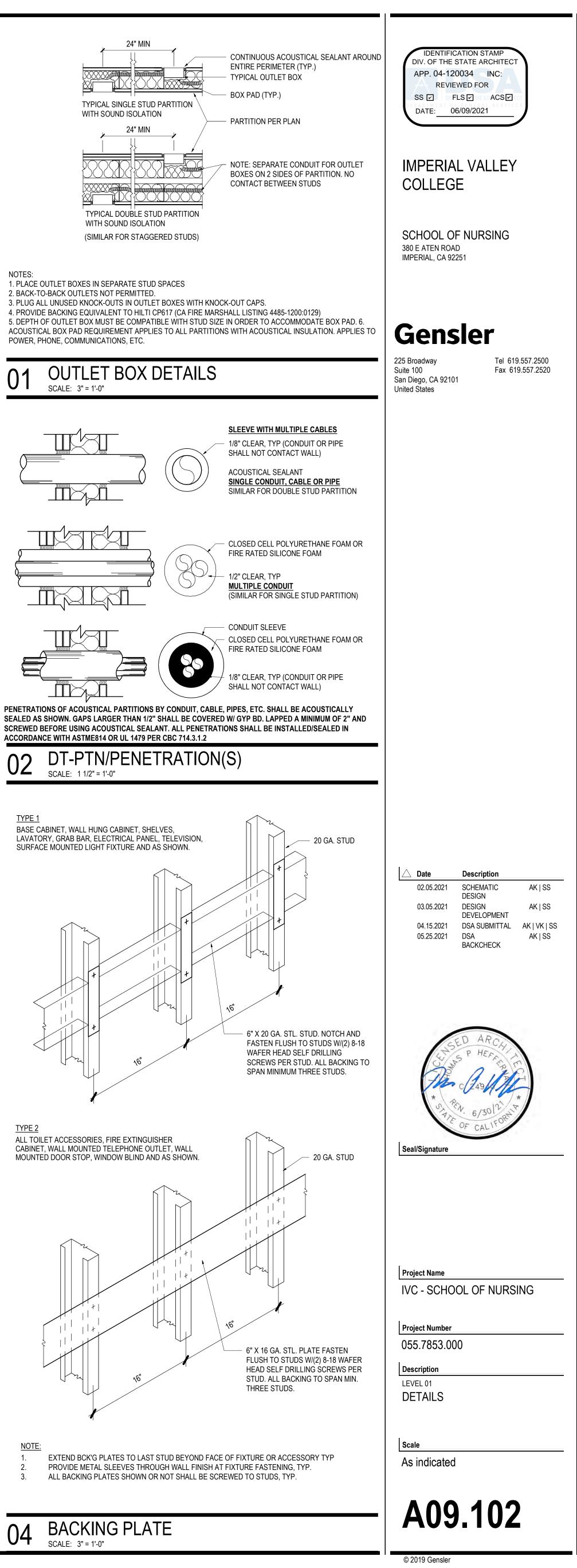
SEALANT - COLOR TO MATCH EXISTING

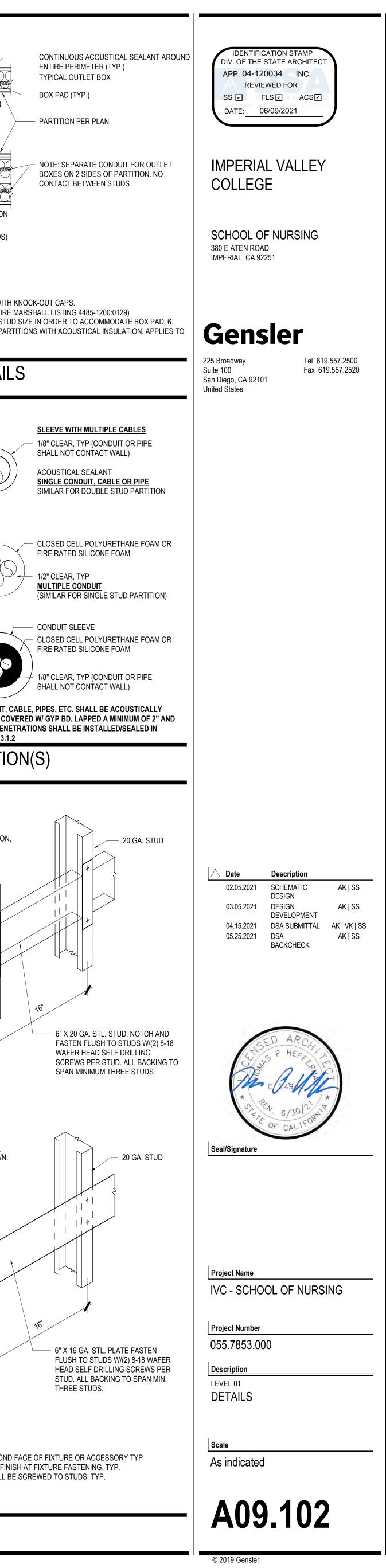
FIBER EXPANSION JOINT MATERIAL

- CLASS II BASE COMPACTED TO 95%

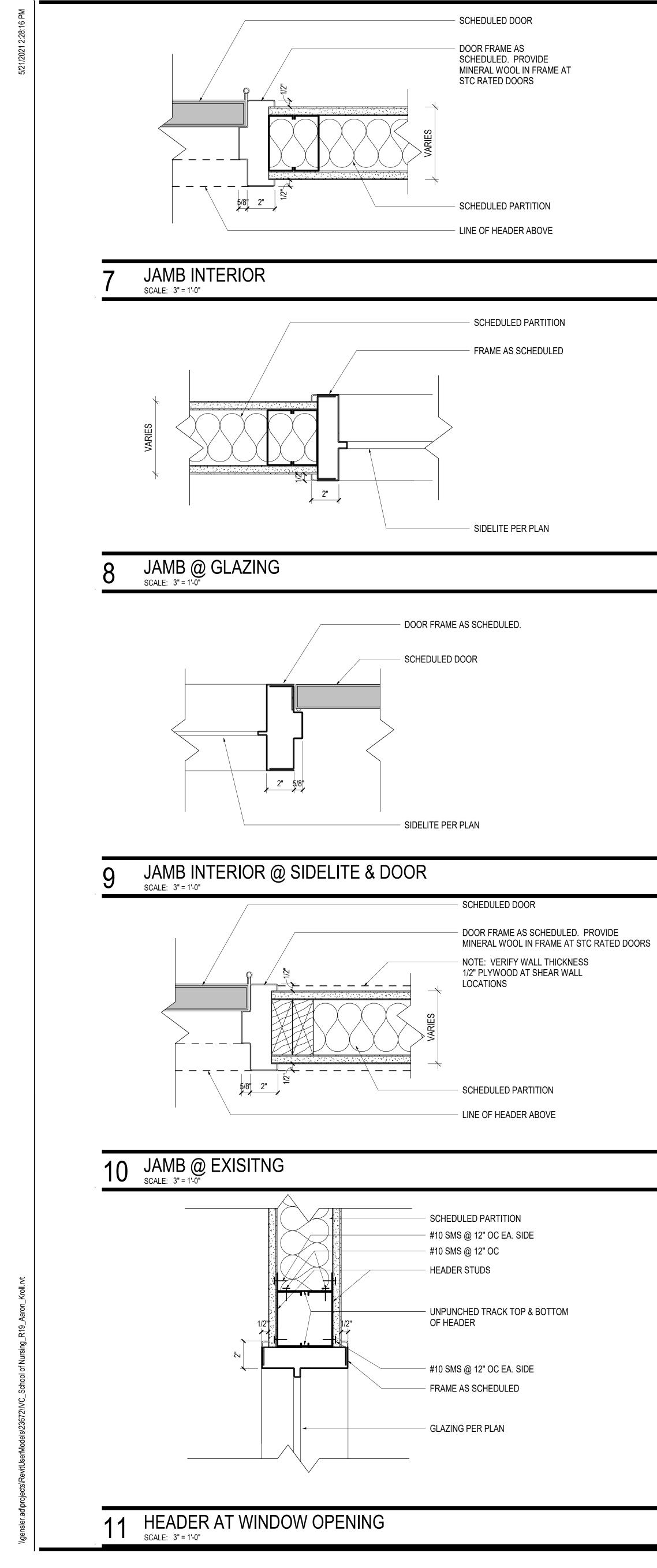
	PROPOSED PAVING PER PLAN MATCH EXISTING ADJACENT
	#3 BARS @ 18" O.C. EACH WAY
	SEALANT - COLOR TO MATCH EXISTING
	EXISTING PAVING, LEVEL LANDING FIBER EXPANSION JOINT MATERIAL
	CORE DRILL INTO EXISTING PAVING AND DOWEL PER SPECIFICATIONS
	CLASS II BASE COMPACTED TO 95%

DT-PTN/PENETRATION(S) SCALE: 1 1/2" = 1'-0"





04



DOOR SCHEDULE

NO.	LOCATION	TYPE	WIDTH	HEIGHT	MAT	HEAD	JAMB	SILL	MAT	FIN	
109A	CONFERENCE	A	3' - 0"	7' - 0"	WD	EX	EX	EX	EX	EX	
2100A	CORRIDOR	В	3' - 6"	7' - 0"	WD/GL	1/A10.100	9/A10.100	6/A10.100	HM	PT	
2100B	CORRIDOR	В	3' - 6"	7' - 0"	WD/GL	1/A10.100	9/A10.100	6/A10.100	HM	PT	Τ
2101	ENTRY	D	3' - 0"	7' - 10"	AL/GL	3/A10.100	-	4/A10.100	AL/GL	AL	Τ
2109	CONFERENCE	A	3' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	Τ
2110A	SKILLS LAB	A	3' - 6"	7' - 0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	Τ
2110B	SKILLS LAB	A	3' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	
2120	WOMENS	A	3' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	
2151	MENS	A	3' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	
2152	CLASSROOM	A	3' - 0"	7' - 0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	
2153	PREP ROOM	A	3' - 6"	7' - 0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	
2154	PREP ROOM	A	3' - 6"	7' - 0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	Τ
2155	STUDENT LAB	A	3' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	Τ
2156	RESTROOM	A	3' - 0"	7' - 0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	Τ
2156A	STUDENT LAB	A	3' - 0"	7' - 0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	Τ
2157	CORRIDOR	A1	3' - 6"	7' - 0"	EX	EX	EX	EX	EX	EX	
2159	CORRIDOR	A1	3' - 6"	7' - 0"	EX	EX	EX	EX	EX	EX	
2161	ELEC.	A1	3' - 6"	7' - 0"	EX	EX	EX	EX	EX	EX	
2163	LAB MED SURGE (LAB 3)	A1	3' - 6"	7' - 0"	EX	EX	EX	EX	EX	PT	
2164	CONTROL ROOM	A1	3' - 0"	7' - 0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	
2165	LAB MED SURGE (LAB 4)	С	10' - 0"	7' - 0"	EX	EX	EX	EX	EX	EX	
2185	LEARNING CENTER	A	3' - 0"	7' - 0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	

DOOR ASSEMBLY

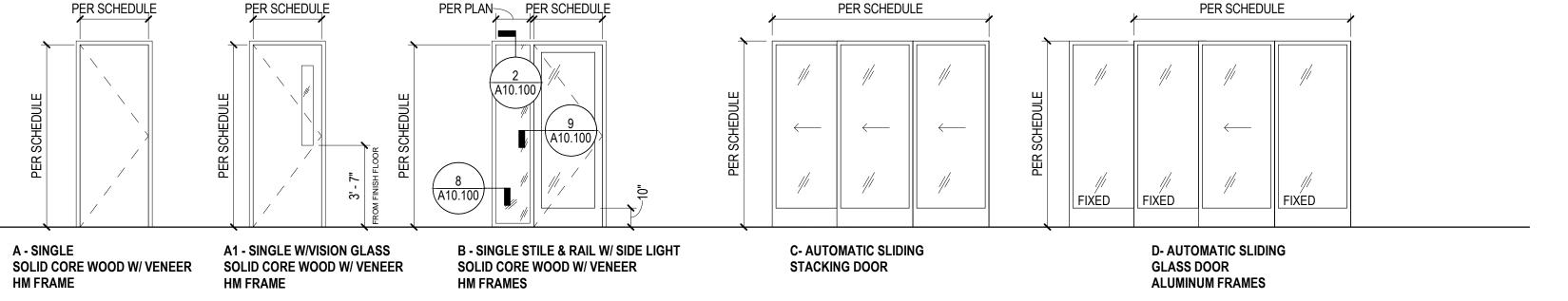
DIMENSIONS

FRAME ASSEMBLY

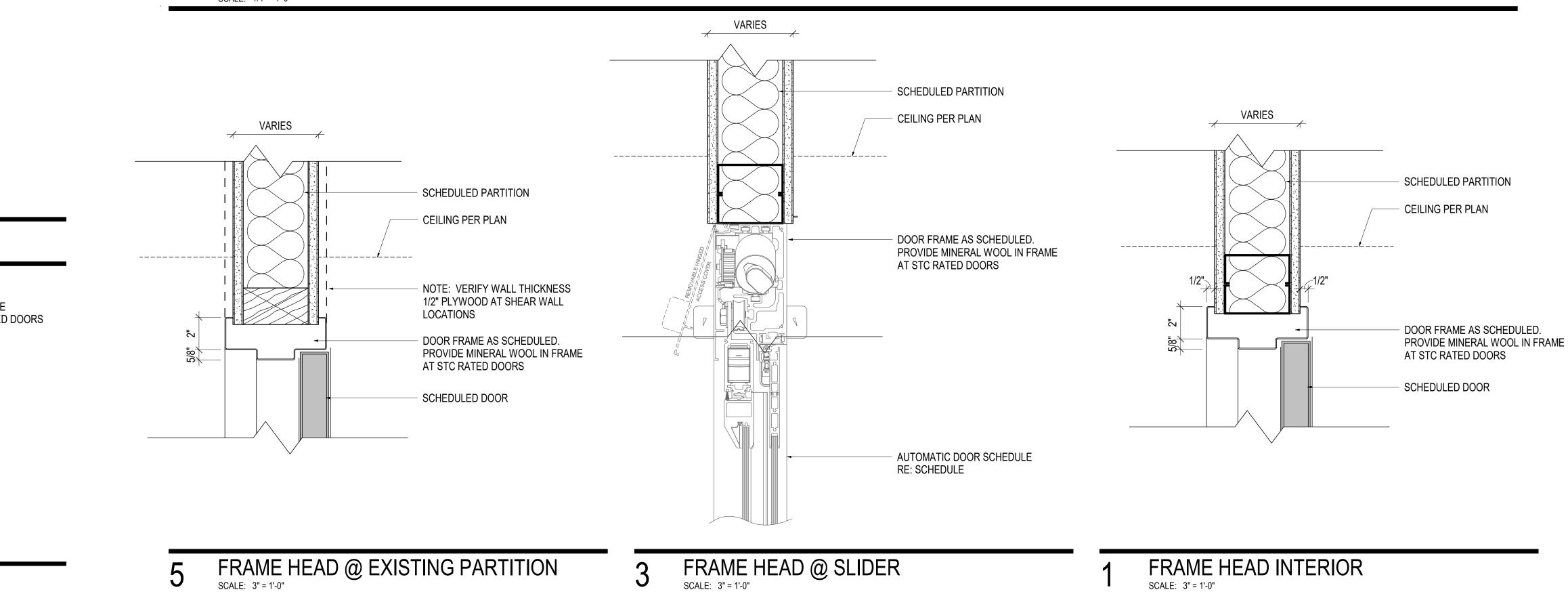
DETAILS

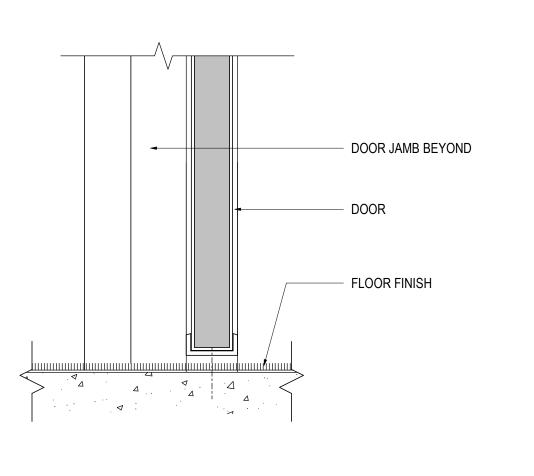
WINDOW SCHEDULE

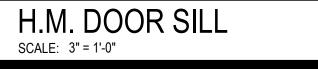
Type Mark	Description	HEAD	JAMB		Comments
1	PARTIAL ONE WAY VISION MONOLITIC GLASS	2/A10.100	6/A10.100	SIZE PER ELEVATION	
		PER SCHEDULE		PER SCHEDULE	PER PLAN PER SCHED



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

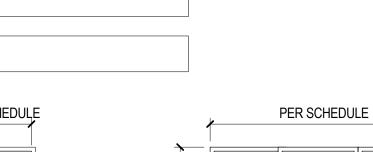


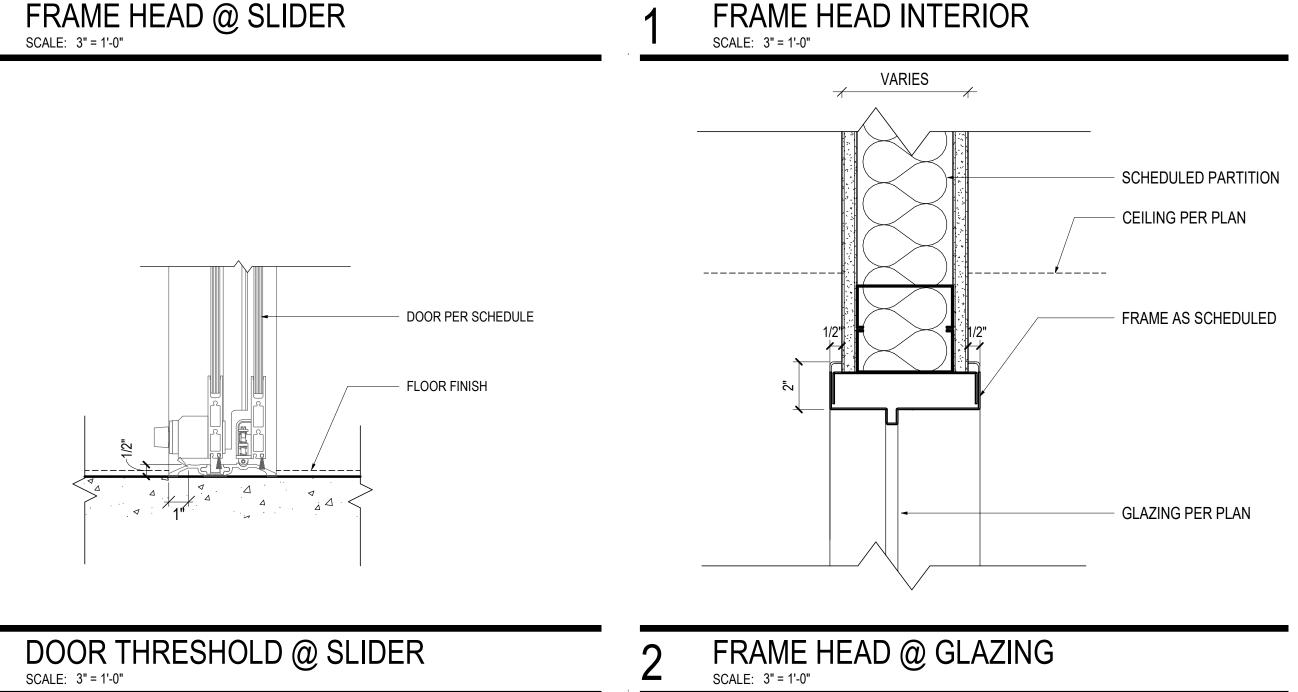


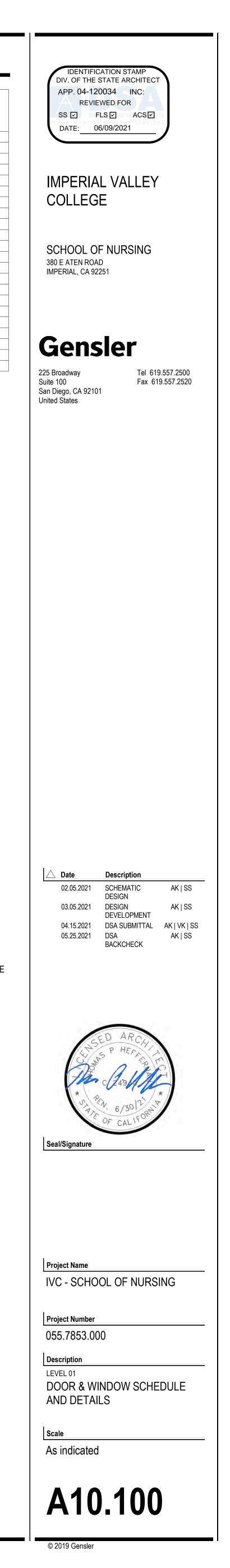


6

ASSEMBLY		
RATING		
FIRE RATING	HDWR	
(MIN)	SET	REMARKS
	09	EXISTING DOOR AND FRAME TO REMAIN
	04	
	03	
	11	REPLACE SLIDER DOOR SYSTEM WITH NEW BREAKAWAY SLIDER WITH PANIC HARDWARE. STANLEY DURA GLIDE 3000 OR SIMILAR. TEMPERED OR SAFETY GLASS
	01	EXISTING DOOR AND FRAME TO REMAIN
	06	
	01	EXISTING DOOR AND FRAME TO REMAIN. EXIT ONLY HARDWARE
	01	EXISTING DOOR AND FRAME TO REMAIN
	01	EXISTING DOOR AND FRAME TO REMAIN
	07	
	08	
	10	
	01	EXISTING DOOR AND FRAME TO REMAIN
	05	
	09	
	01	EXISTING DOOR AND FRAME TO REMAIN
	01	EXISTING DOOR AND FRAME TO REMAIN
	01	EXISTING DOOR AND FRAME TO REMAIN
	01	EXISTING DOOR AND FRAME TO REMAIN
	12	
	01	EXISTING DOOR AND FRAME TO REMAIN, TEMPERED OR SAFETY GLASS
	02	

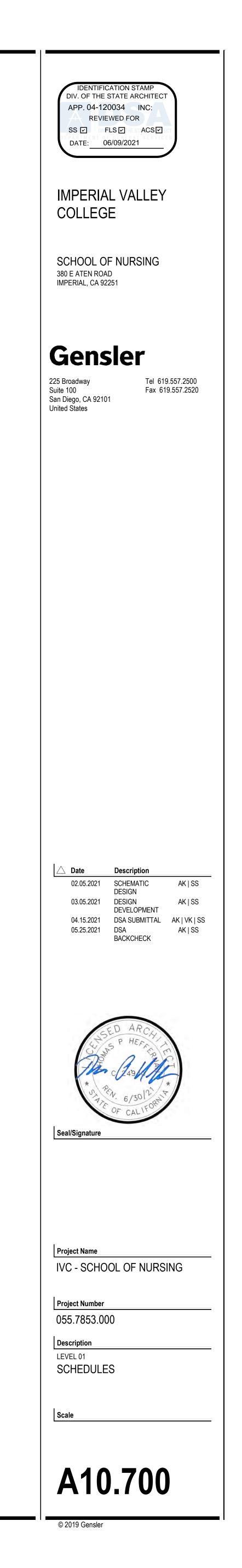






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		Plumbi	ng Fixture Schedule	
Type Mark	Description	Manufacturer	Model	Comments
F1	COUNTERTOP MOUNTED FAUCET	SEE PLUMBING	SEE PLUMBING	NEW FIXTURE
S1	EXISTING WALL MOUNTED SINK AND FAUCET	N/A	N/A	EXISTING FIXTURES TO REMAIN AS IS
S2	STAINLESS STEEL SINK BOWL	ELKAY	DCFU 2416	NEW FIXTURE
S3	EXISTING WALL MOUNTED SINK AND FAUCET	N/A	N/A	EXISTING FIXTURES TO REMAIN AS IS
UR1	WALL MOUNTED URINAL	American Standard	N/A	EXISTING FIXTURE TO BE RELOCATED PER PLAN
WC1	WALL MOUNTED TOILET	American Standard	N/A	EXISTING FIXTURES TO REMAIN AS IS
WC2	WALL MOUNTED TOILET	American Standard	N/A	EXISTING FIXTURE TO BE RELOCATED PER PLAN
Type Mark	Description	RESTROOM ACCESS	ORIES SCHEDULE Model	Comments
TA-1	HORIZONTAL GRAB BAR 36"	BOBRICK	b-5806	EXISTING TO BE RELOCATED PER PLAN
TA-2	HORIZONTAL GRAB BAR 48"	BOBRICK	b-5806	EXISTING TO BE RELOCATED PER PLAN
	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK OR EQUAL	B-4262 OR EQUAL	NEW FIXTURE
			2200B-3	EXISTING TO BE RELOCATED PER PLAN
TA-3	SURFACE MOUNTED SOAP DISPENSER	DRACO		
TA-3 TA-4	SURFACE MOUNTED SOAP DISPENSER SURFACE MOUNT MIRROR	EXISTING	N/A	EXISTING TO BE RELOCATED PER PLAN
TA-3 TA-4 TA-5				EXISTING TO BE RELOCATED PER PLAN EXISTING TO BE RELOCATED PER PLAN
TA-3 TA-4 TA-5 TA-6 TA-8	SURFACE MOUNT MIRROR	EXISTING	N/A	

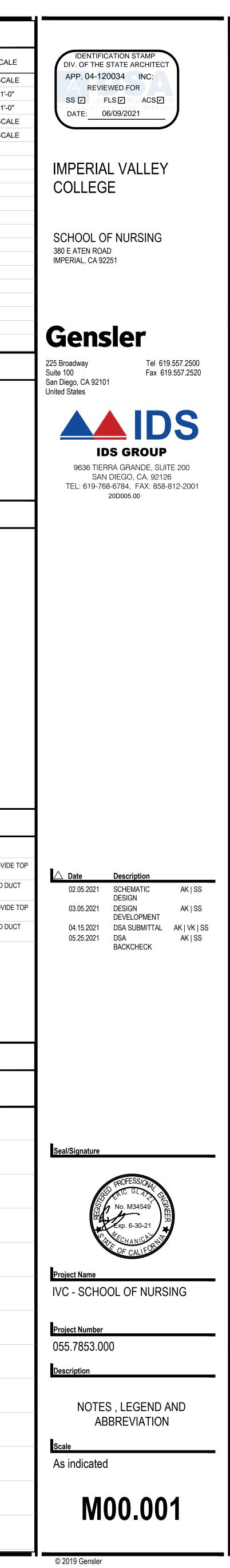


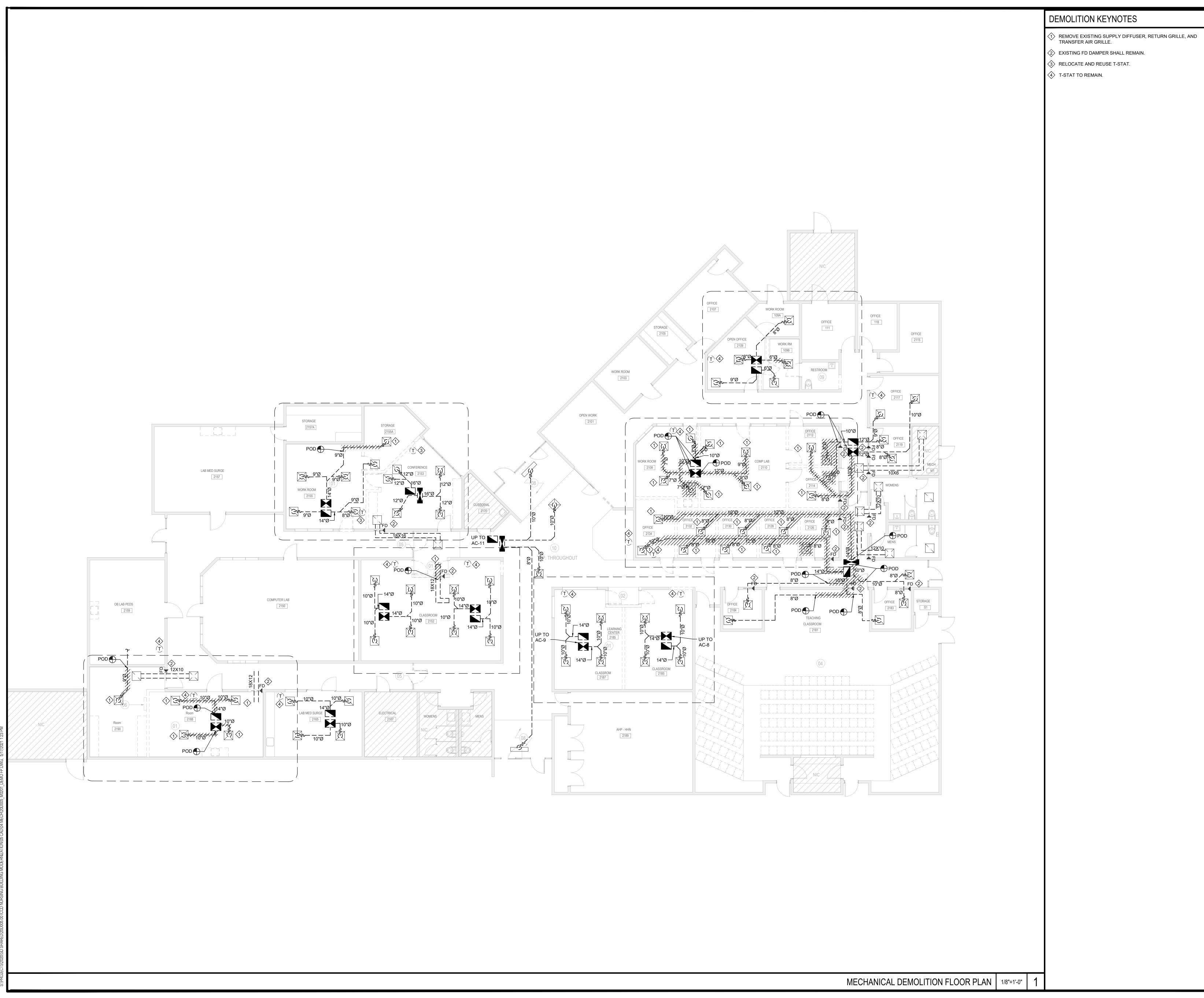
MEP ANCHOR AND BRACE NOTES	GENERA
MEP COMPONENT ANCHORAGE NOTE: ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE ASCE 7-16 AND 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26:	1. INSTAL OTHEF 2. THE D REQUI
 ALL PERMANENT EQUIPMENT AND COMPONENTS. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL 	3. COORI PROVI FUNCT
 ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR DUPLEX RECEPTACLES. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS. 	ENGIN NO AD 4. COORI LAYOL
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND	5. IF IT IS COOR INSTAL
CONDUIT: A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.	6. COOR TO INS SIZES
 B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL. THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL 	7. PLATF 8. EQUIP PROVI
OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.	9. COORI 10. MAINT
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE : PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5.6, 13.6.7, AND 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.	ELECT 11. DUCTV THE AS CONT
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE, COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.	12. FOR H CURRE 13. DUCTV PLANS
MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):	THAN 2 14. PROVI CONS ⁻
MP X MD X PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.	ROOF- 15. WHETI INDIVII
COMPLY WITH 2019 CALIFORNIA ENERGY CODE SECTION 120.4: REQUIREMENTS FOR AIR DISTRIBUTION SYSTEM DUCTS AND PLENUMS:	REGUL 16. EQUIP OF THI
 PORTIONS OF SUPPLY-AIR AND RETURN-AIR CONVEYING HEATED OR COOLED AIR LOCATED OUTDOORS, SPACES BETWEEN ROOF AND INSULATED CEILINGS, SPACES UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE OR UNCONDITIONED SPACES, UNCONDITIONED CRAWL SPACE, AND OTHER UNCONDITIONED CRAWL SPACE SHALL BE INSULATED AND / OR LINED TO A MINIMUM INSTALLED LEVEL OF R-8. 	17. PROVI CONST THE C SYSTE
 PORTIONS OF THE SAME DUCTS THAT ARE NOT IN ONE OF THE SPACES ENUMERATED ABOVE, DUCTS IN INDIRECTLY CONDITIONED SPACES SUCH AS DUCT SPACE ABOVE THE CEILING, SHALL BE INSULATED OR LINED TO A MINIMUM INSTALLED LEVEL OF R-4.2 (OR ANY HIGHER LEVEL REQUIRED BY CMC SECTION 605.0. 	18. PROVI EQUIP
 COMBINATION DUCT LINER AND DUCT WRAP INSULATION MAY BE USED TO ACHIEVE THE INSTALLED MINIMUM R-VALUES DESCRIBED ABOVE. DUCT WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INSULATION OF A DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR IN THE DUAL DE TOUNO MANY/USE MICROCUTE EO TYPE ZE WITH FOX A UNANUM EOU OF A DIA DUAL WEAR INFORMATION OF A DUAL DE TOUNO MANY IN THE DUAL DUAL DUAL DUAL DUAL DUAL DUAL DUAL	19. HVAC PART (20. APPLIA
4. DUCT WRAP INSULATION SHALL BE JOHNS MANVILLE MICROLITE EQ TYPE 75 WITH FSK ALUMINUM FOIL, 1-1/2 THICK R-4.2. DUCT LINER SHALL BE JOHNS MANVILLE LINACOUSTIC RC FOR RECTANGULAR DUCTS, AND SPIRACOUSTIC PLUS FOR ROUND SPIRAL DUCTS. SUPPLY AND RETURN DUCTWORK EXPOSED OUTSIDE THE BUILDING SHALL BE INTERNALLY LINED WITH 2" THICK R-8 LINER, AND INDOOR LINED DUCTS SHALL BE INSTALLED WITH 1" THICK DUCT LINER R-4.2 UNLESS OTHER WISE EXPLICITLY INDICATED ON PLANS.	AIR IN 21. POLLU THE HI COVER
5. DUCTS CARRYING UNTEMPERED MAKE UP OUTSIDE AIR SHALL BE INSULATED WITH R-4.2 DUCT WRAP INSULATION WITH VAPOR BARRIER TO PREVENT CONDENSATION.	DUST, 22. PRIOR FILTEF
DSA GENERAL REQUIREMENTS	A COM AIR FIL 23. TEST A
 ALL WORK SHALL CONFORM TO 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) AND DSA REQUIREMENTS CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR 	SHALL THE CI WORK
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.	24. UPON OPERA NOTIC
3. A DSA-CERTIFIED 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 1	25. OPERA MAINT WITH (26. UNLES
 AN INSPECTOR WHO IS SPECIALLY QUALIFIED IN MECHANICAL AND ELECTRICAL WORK WILL BE REQUIRED FOR THIS PROJECT. 	WRITT ARCHI 27. NEW D
5. THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH THE TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING 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 (CCD), OR	MAINT
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	
REFERENCE: SECTION 4-317(C), CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).	
APPLICABLE CODES AND STANDARDS	PACKAG
2019 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. * 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R	
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R. 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.	
2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. 2019 CALIFORNIA PLUMBING CODE	AC NOW 2.5 TO
2019 CALIFORNIA ELECTRICAL CODE	AC NOM 5 2.5 TC
	AC NOM 6 4 TO
	AC NOM 8 2.5 TC
	AC NOM 9 2.5 TC
	AC NOM 11 3 TO
	AC 12 2.5 TC NOM 2.5 TC
	AC NOM 16 2.5 TC
	AC NOM 17 4 TO
	AC NOM 18 4 TOI
	AC NON 19 2 TO

ERAL NOTES	LEGEND	& ABBRE	VIATIONS	MECHANICAL SHEET INDEX					
NSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA BUILDING CODE, AND	SYMBOL	ABB.	DESCRIPTION	S.No. SHE	ET NUMBER	SHEET TITLE		SCALE	
OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS DIVISION T-20.		SAD	SUPPLY AIR DUCT SECTION	1	M00.001 NOTES, LEG	END AND ABBREVIATIONS		NO SCALE	
THE DESIGN DRAWINGS AND PLANS ARE DIAGRAMMATIC IN NATURE. PROVIDE LABOR, MATERIALS, AND ALL INCIDENTALS NECESSARY OR REQUIRED FOR THE INSPECTION, TESTING, ADJUSTMENT AND COMPLETION IN ALL RESPECTS FOR PROPER AND SMOOTH OPERATION OF THE		RAD	RETURN AIR DUCT SECTION	2	M02.001 DEMOLITION	FLOOR PLAN		1/8"=1'-0"	
MECHANICAL SYSTEMS.		MUAD	MAKE UP AIR DUCT SECTION	3	M02.002 FLOOR PLAN			1/8"=1'-0"	
COORDINATE INSTALLATION OF THE H.V.A.C. SYSTEM WITH THE WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION.		EAD	EXHAUST AIR DUCT SECTION LINED DUCTWORK		M03.001 DETAILS			NO SCALE	
PROVIDE PIPE AND DUCT FITTINGS, OFFSETS, TRANSITIONS, FLEX CONNECTIONS AND APPURTENANCES REQUIRED FOR A SMOOTHLY FUNCTIONING INSTALLATION. IF WORK CANNOT BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS FOR ANY REASON, NOTIFY		CD	CEILING DIFFUSER	5	M04.001 TITLE 24			NO SCALE	
ENGINEER FOR DIRECTION PRIOR TO EXECUTION OF WORK. THE CONTRACTOR MAY BE RESPONSIBLE FOR REMOVING WORK INSTALLED AT NO ADDITIONAL COMPENSATION.	$\square \square \square$	SAG	SIDEWALL SUPPLY AIR GRILLE						
COORDINATE THE LOCATION OF CEILING DIFFUSERS, SIDEWALL REGISTERS AND GRILLES WITH THE ARCHITECTURAL CEILING AND LIGHTING		RAG	RETURN AIR GRILLE						
AYOUT.		EAG	EXHAUST AIR GRILLE						
F IT IS NECESSARY TO INSTALL WORK ABOVE AN INACCESSIBLE (HARD) CEILING, PROVIDE ACCESS PANELS AS REQUIRED TO PERMIT ACCESS.		FLEX. CONN							
COORDINATE ACCESS PANEL LOCATIONS WITH THE ASSOCIATED EQUIPMENT LOCATIONS. SHOW ACCESS PANELS ON SHOP DRAWINGS. NSTALL ACCESS PANELS IN WALLS OR CR CEILINGS.	·····	FLEX.	INSULATED FLEXIBLE DUCT EXISTING WORK TO REMAIN AND REUSE						
COORDINATE THE LOCATION OF ROOF OPENINGS AND THE LOCATION OF ROOF MOUNTED EQUIPMENT WITH THE STRUCTURAL PLANS PRIOR	HHH	(E)	EXISTING WORK TO BE DEMOLISHED AND REMOVED						
TO INSTALLATION. MECHANICAL CONTRACTOR TO PROVIDE EQUIPMENT WEIGHTS, PLATFORM AND CURB SIZES AND ROOF AND WALL OPENING SIZES TO THE GENERAL CONTRACTOR.	$ \bigcirc $	P.O.D.	POINT OF DISCONNECT						
PLATFORMS, CURBS AND FLASHINGS FOR MECHANICAL EQUIPMENT SHALL BE AS INDICATED ON THE PLANS, UNLESS NOTED OTHERWISE.		P.O.C.	POINT OF CONNECTION						
EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.	(T)	T-STAT							
PROVIDE FITTINGS, TRANSITIONS, DAMPERS, VALVES, DEVICES AND MATERIALS REQUIRED FOR A COMPLETE WORKING INSTALLATION.	602	CO2 DCV	CARBON DIOXIDE SENSOR - (CO2 IN HUMAN BREATH) DEMAND CONTROL VENTILATION						
COORDINATE WITH ALL OTHER TRADES THE LOCATIONS OF THERMOSTATS, SENSORS AND OTHER DEVICES PRIOR TO INSTALLATION.		BTUH	BRITISH THERMAL UNIT PER HOUR						
MAINTENANCE LABELS SHALL BE AFFIXED TO MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL (SIX COPIES) ALONG WITH AN		MBH	THOUSAND BRITISH THERMAL UNIT PER HOUR						
ELECTRONIC COPY SHALL BE PROVIDED FOR THE OWNER'S USE		U/C	DOOR UNDERCUT						
DUCTWORK SHALL BE CONSTRUCTED, ERECTED AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF FUNDAMENTALS OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING	$-\mu$		DOOR LOUVER TONNAGE OF COOLING	MECHAI	NICAL SCOPE OF	WORK NEEDS TO BE	FDITTE		
CONTRACTORS NATIONAL ASSOCIATION. A COPY OF THE SMACNA STANDARDS SHALL BE KEPT AT THE JOB FOR REFERENCE BY THOSE		EER	ENERGY EFFICIENCY RATIO						
REVIEWING THE WORK.		SEER	SEASONAL ENERGY EFFICIENCY RATIO						
FOR HANGING SUPPORTS AND BRACING OF HVAC DUCTWORK, PIPING AND EQUIPMENT. ALL SUPPORTS AND BRACING SHALL COMPLY WITH CURRENT BUILDING CODE REQUIREMENTS.		UTR	UP THRU ROOF	MEC	HANICAL SCOPE OF WORK S	HALL INCLUDE:			
DUCTWORK SHALL BE INSULATED OR LINED (L) AS NOTED ON DRAWINGS. ALL LINED RECTANGULAR AND ROUDUCT SIZES INDICATED ON		MVD	MANUAL VOLUME DAMPER		C ALTERATIONS RESULTING MS TO MEET THE COLLEGE	FROM ARCHITECTURAL RECONF REQUIREMENTS.	IGURATION C	F CLASSROOMS AND SUPPORT	
PLANS ARE SHEET METAL SIZES. DUCT JOINTS SHALL BE SEALED. INSULATION AND LINERS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND SMOKE DENSITY NOT EXCEEDING 50.		CFM	CUBIC FEET PER MINUTE			S SHALL REMAIN AND BE REUSEI	П		
PROVIDE CODE-COMPLIANT FIRE/SOUND STOPPING AT DUCT, PIPING, CONDUIT PENETRATIONS THROUGH ALL TYPES OF BUILDING		ESP E	FAN EXTERNAL STATIC PRESSURE ELECTRICAL						
CONSTRUCTION TO ACHIEVE FIRE, SMOKE, AND SOUND RATINGS, SUCH AS AT DUCT ROOF DECK PENETRATIONS ASSOCIATED WITH		IN. WG	INCH WATER GAUGE PRESSURE						
ROOF-MOUNTED EQUIPMENT.		EFF.	EFFICIENCY						
WHETHER INDICATED OR NOT ON THE MECHANICAL PLANS, MANUAL VOLUME DAMPERS SHALL BE INSTALLED AT DUCT BRANCHES TO NDIVIDUAL DIFFUSERS, GRILLES, AND REGISTERS. WHERE DAMPERS ARE NOT ACCESSIBLE ABOVE HARD LID CEILING, PROVIDE YOUNG		ARI	AIR CONDITIONING & REFRIGERATION INSTITUTE						
REGULATOR REMOTE ELECTRONIC BALANCING DAMPER WITH EBD-301 RECESSED CEILING UNIT.		TYP.	TYPICAL	WORK	ON EXISTING AIR (CONDITIONING UNITS	STORE	/IAIN AND RE-USE.	
EQUIPMENT, DUCTS, PIPING, INSULATION, FLEX CONNECTIONS, CONTROL ITEMS, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE WEATHERPROOFED.		S.A.	SUPPLY AIR	FOR EXIS	STING AC UNIT TO REMAIN	AND RE-USE, MECHANICAL CONT	RACTOR SHA	LL CHECK ITEMS LISTED BELOW	
PROVIDE AUTOMATIC FIRE DAMPERS, SMOKE DAMPERS OR COMBINATION SMOKE/FIRE DAMPERS AT PENETRATIONS OF FIRE RATED		R.A. O.S.A.	OUTSIDE AIR	AND SEN	ND FINDING REPORT TO ARC	HITECT AND MECHANICAL ENGIN	IEER FOR RE\	/IEW.	
CONSTRUCTION AS INDICATED ON PLANS. DAMPERS SHALL BE MANUFACTURED AND INSTALLED IN COMPLIANCE WITH CHAPTERS 7 AND 9 OF		IN.	INCHES	AIR MOV	ING SYSTEMS.				
THE CALIFORNIA BUILDING CODE, AND CHAPTER 6 OF THE CALIFORNIA MECHANICAL CODE. COORDINATE WITH THE BUILDING'S FIRE ALARM SYSTEM DESIGNER.		MIN.	МІЛІМИМ		ER CONDITION - REPLACE A MOTOR OPERATION.	L FILTERS.			
PROVIDE LABEL TAGS AT BOTTOM OF CEILING AND CEILING ACCESS PANELS TO INDICATE THE LOCATION AND IDENTIFICATION OF HVAC		MAX.	MAXIMUM	3. FAN	BELT CONDITION				
EQUIPMENT, CONTROL VALVES, FIRE AND SMOKE DAMPERS AND OTHER HVAC ITEMS ABOVE CEILING THAT REQUIRE MAINTENANCE SERVICE.		ENT.	ENTERING LEAVING	5. FAN	BEARINGS. BEARING LUBRICATION.				
HVAC EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION TO COMPLY WITH EFFICIENCY STANDARDS PER TITLE 24, PART 6. SECTIONS 111 AND 112.		LVG. VFD	VARIABLE FREQUENCY DRIVE		SIDE AIR DAMPER OPERATION / SYSTEM BALANCED BASEI	0N. 0 ON 400 CFM PER TON AT 0.5" ST	ATIC PRESSU	RE.	
APPLIANCE AND PLUMBING VENTS SHALL BE AT LEAST TEN (10) FEET IN A HORIZONTAL DIRECTION, OR THREE (3) FEET ABOVE THE OUTSIDE		LBS.	POUNDS WEIGHT	REFRIGE	RATION SYSTEMS.				
AIR INTAKES OF ALL HVAC UNITS.		AC	AIR CONDITIONING UNIT	1. REF	RIGERATION CHARGE				
POLLUTANT CONTROL: AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF		RTU			UCTION TEMPERATURE & O ISCHARGE TEMPERATURE &				
THE HEATING, COOLING, AND VENTILATING EQUIPMENT, DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF		DX FLA	DIRECT EXPANSION REFRIGERANT SYSTEM FULL LOAD AMPERAGE	2. REF	RIGERATION CIRCUIT LEAKS				
DUST, WATER, AND DEBRIS WHICH MAY ENTER THE SYSTEM.		MCA	MINIMUM CIRCUIT AMPERAGE	4. EVA	PORATOR COIL CONDITION.				
PRIOR TO OCCUPANCY, INSTALL MIN. MERV 8 FILTERS (SEE EQUIP. SCHEDULE FOR MERV RATING) FOR OUTSIDE AND RETURN AIR. HVAC UNITS FILTERS SHALL BE STATE FIRE MARSHAL APPROVED AND LISTED. PRE-FORMED FILTERS HAVING COMBUSTIBLE FRAMING SHALL BE TESTED AS		MOCP	MAXIMUM OVER CURRENT PROTECTION		IDENSATE DRAIN PAN COND IDENSATE DRAIN OPERATIO	TION - CLEAN ALL DRAIN PANS. N.			
A COMPLETE ASSEMBLY. AIR FILTERS IN ALL OCCUPANCIES SHALL BE CLASS 2 OR BETTER (AS SHOWN IN THE STATE FIRE MARSHAL LISTING). AIR FILTERS SHALL BE ACCESSIBLE FOR REPLACEMENT OF THE SAME TYPE AND MERV RATING FOR OPERATION & MAINTENANCE.		M	MECHANICAL		L SYSTEM.				
TEST AND BALANCE CONTRACTOR SHALL BE AN INDEPENDENT. AABC CERTIFIED. THIRD PARTY AGENT. TEST AND BALANCE CONTRACTOR		ВНР ТАВ	BRAKE HORSE POWER	1. SYS	TEM HEATING.				
SHALL OBTAIN, COMPLY, FILL OUT, AND SUBMIT TO THE COMMISSIONING AGENT AND MECHANICAL ENGINEER OF RECORD (MEOR) COPIES OF THE CERTIFICATE OF COMPLIANCE AND REQUIRED ACCEPTANCE TEST FORMS AND ALL OTHER PROCESS COMPLIANCE FORMS AND		(N)	TEST AND BALANCE NEW WORK		TEM COOLING TEM EQUIPMENT CONTROLI	ERS (THERMOSTAT)			
WORKSHEETS REQUIRED BY THIS PROJECT.	>	FD	FIRE DAMPER		CK ALL WIRING CONNECTIO	· · · · · · · · · · · · · · · · · · ·			
JPON COMPLETION OF TESTING, OPERATE EQUIPMENT TO VERIFY THAT SYSTEMS FUNCTION PROPERLY. AFTER VERIFYING THE PROPER		SFD	COMBINATION SMOKE - FIRE DAMPER						
OPERATION, DEMONSTRATE THE OPERATION OF SYSTEMS AND EQUIPMENT TO THE OWNER'S REPRESENTATIVES. PROVIDE ONE WEEK NOTICE AND SCHEDULE THE DEMONSTRATION WITH THE OWNER.		MVD	MOTORIZED CONTROL DAMPER (VVT)	AIR DIS	TRIBUTION SCHEE	OULE (UNLESS OTHER	RWISE N	OTED ON PLANS)	
OPERATION AND MAINTENANCE MANUAL: PROVIDE THE BUILDING OWNER OR REPRESENTATIVE WITH DETAILED OPERATING AND	(TS)	TS		TAG	MANUFACTURER & MODEL NO.	DESCRIPTION	FRAME TYPE	REMARKS:	
MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTEES / WARRANTIES FOR EACH SYSTEM. O & M INSTRUCTIONS SHALL BE CONSISTENT WITH OSHA REQUIREMENTS IN CCR, AND OTHER RELATED REGULATIONS.	(TU)	PS RTU	PRESSURE SENSOR (VVT)(DUCT MOUNTED) ROOF TOP UNIT CONTROLLER (VVT)					WITH 2'X2' FILLER PANEL. NO O.B.D. PROVIDE TO	
JNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR		S.S.	STAINLESS STEEL	CD1	TITUS MCD BORDER 3, OR EQU	AL MODULAR CORE		HAT FOR ROUND DUCT COLLAR.	
WRITTEN AUTHORIZATION FROM STRUCTURAL ENGINEER AND THE DISCTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF THE STATE ARCHITECT.		I	1	CD2	TITUS MCD BORDER 1, OR EQU	AL MODULAR CORE		NO O.B.D. PROVIDE TOP HAT FOR ROUND DUCT COLLAR.	
NEW DUCTWORK SHALL NOT OBSTRUCT THE FUNCTION AND SPRAY PATTERN OF THE EXISTING FIRE SPRINKLER SYSTEM.CONTRACTOR SHALL				RG1 / TG1 / EG1	TITUS 50F-NT BORDER 3, OR EC	UAL 1/2"X1/2"X1/2" CORE		WITH 2'X2' FILLER PANEL. NO O.B.D. PROVIDE TO	
MAINTAIN CLEARANCE AS REQUIRED PER NFPA 13, CHAPTER 8.	1			RC2 / TC2 / FC2	TITUS 50F BORDER 1. OR EQUA	1/2"X1/2"X1/2" CORE	SURFACE	HAT FOR ROUND DUCT COLLAR. NO O.B.D. PROVIDE TOP HAT FOR ROUND DUCT	
	1			NG2 / 1G2 / EG2	THUS OUT DURDER I, UK EQUA	- 1/2 A 1/2 A 1/2 GURE	JURFAUE	COLLAR.	
	1			LEGEND:	CD SUPPLY DIFFUSER				
	1			CD1 TAG 150 CFM	SG SUPPLY GRILLE RG RETURN GRILLE				
	1			12x12 SIZE	TG TRANSFER GRILLE EG EXHAUST GRILLE				
	1								
	1								
	1								

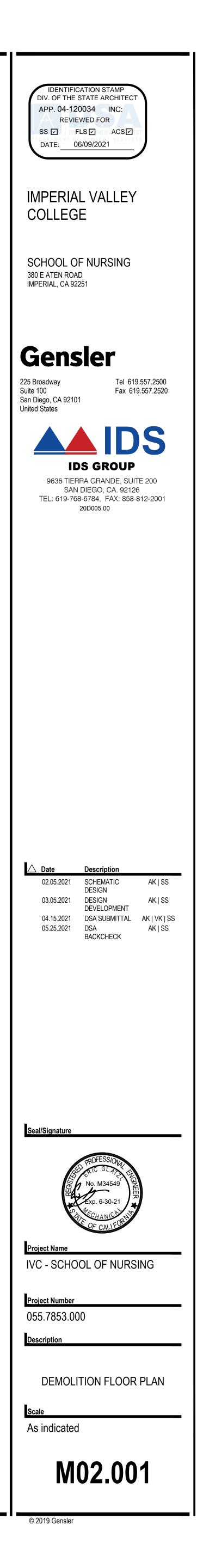
GED SINGLE-ZONE ROOFTOP GAS/ELECTRIC AC UNITS AYALA HS PHASE 3 (REFERENCE ONLY)

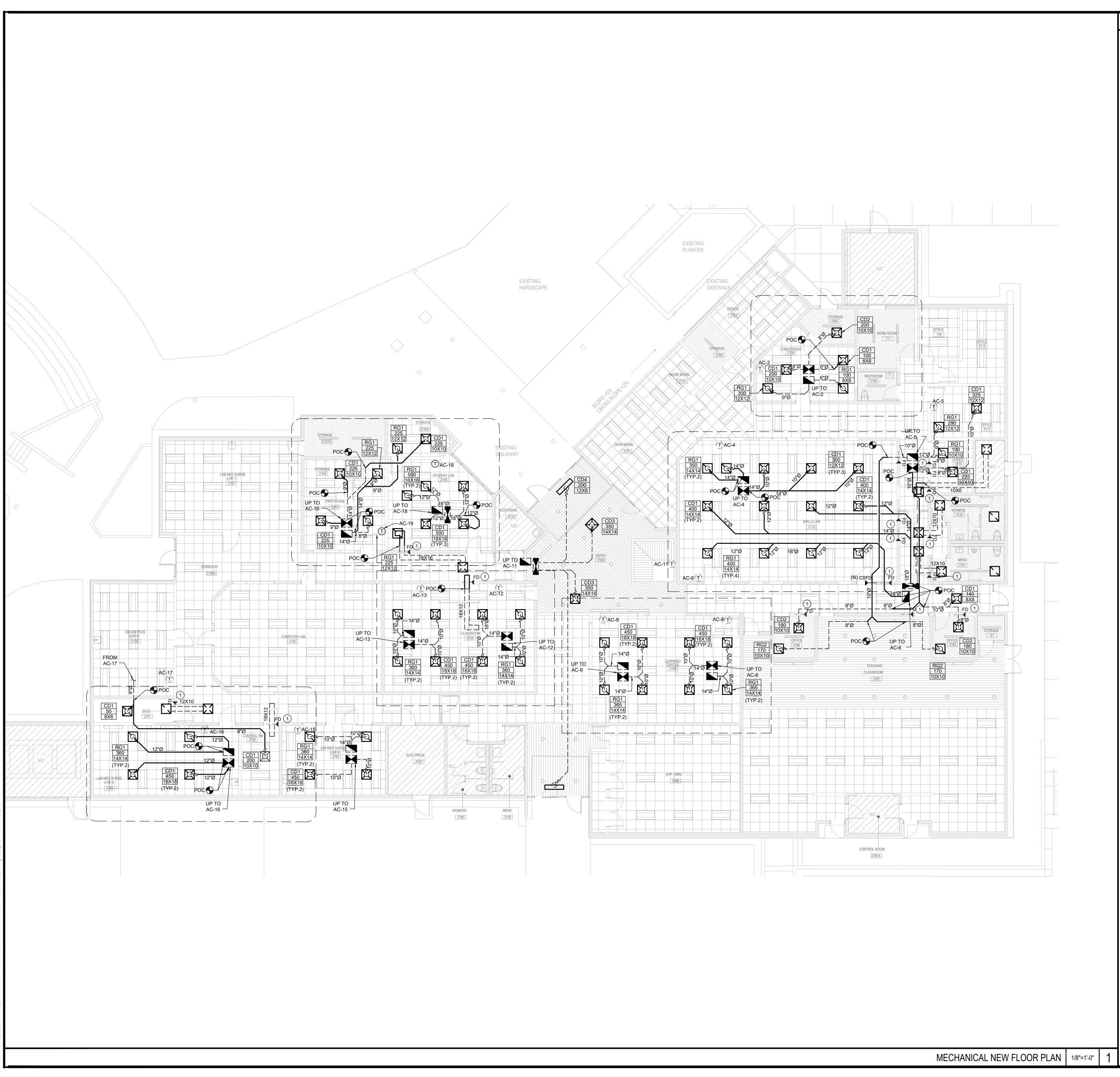
MBOL	MANUFACTURER & MODEL NO.	STATUS	SERVING (PER PLAN)	LOCATION	NOMINAL CFM	DESIGN CFM	OSA	GROSS COOLING CAPACITY (BTUH)	EER	NATURAL GAS HEATING CAPACITY	SUPP	_Y FAN	AC	UNIT ELECT	RICAL		DISPOSABLE MERV 8 FILTERS	TOTAL WT.	REMARKS
	(UNIT WEIGHT LBS.)							TOTAL	SEER	INPUT (BTU/H)	E.S.P.	FAN HP.	VOLTAGE	FLA	MCA	MOCP			
NOM. 2 TON	CARRIER PHE4A2421A (500 LBS.)	EXISTING	2109 CONF. & 2109A STOR.	ROOF	800	770	195	24,000	9.5 SEER	60,000	0.30"	1/5	208-1-60	12.0	13.0	15.0	(1) 25"X20"X1"	500	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2110 CLASSROOM	ROOF	1000	900	125	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	12.0	13.0	15.0	(1) 25"X20"X1"	500	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2183, 2184, 2117, 2119 OFFICES	ROOF	1000	900	165	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	12.0	13.0	15.0	(1) 25"X20"X1"	500	
NOM. 4 TON	CARRIER XYE05A4B1AA1A111A2 (900 LBS.)	EXISTING	2110 CLASSROOM	ROOF	1600	1270	315	48,000	8.1 SEER	60,000	0.75"	3/4	0.30" 460-3-60	12.0	13.0	15.0	(1) 25"X20"X1"	900	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2185 CLASSROOM	ROOF	1000	900	125	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	12.0	13.0	15.0	(1) 25"X20"X1"	500	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2185 CLASSROOM	ROOF	1000	900	125	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	12.0	13.0	15.0	(1) 25"X20"X1"	500	
NOM. 3 TON	CARRIER PHE4A3621A (900 LBS.)	EXISTING	2177 LOBBY	ROOF	1200	1100	125	30,000	8.0 SEER	80,000	0.60"	3/4	460-3-60	12.0	13.0	15.0	(1) 25"X20"X1"	900	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2152 CLASSROOM	ROOF	1000	900	180	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	10.0	11.0	15.0	(1) 25"X20"X1"	500	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2152 CLASSROOM	ROOF	1000	900	180	30,000	9.5 EER	125,000	0.30"	1/2	208-1-60	17.85	19.0	25.0	(1) 25"X20"X1"	500	
NOM. 2.5 TON	CARRIER PHE4A3021A (500 LBS.)	EXISTING	2188 LAB MED. SURGE	ROOF	1000	900	180	30,000	9.5 SEER	60,000	0.30"	1/2	208-1-60	9	10.0	15.0	(1) 25"X20"X1"	500	
NOM. 4 TON	CARRIER XYE05A4B1AA1A111A2 (900 LBS.)	EXISTING	2159 OB LAB PEDS, 2190 ELEC. & 2164 CTRL. RM.		1600	1200	330	48,000	8.0 SEER	60,000	0.50"	3/4	460-3-60	9	10.0	15.0	(1) 25"X20"X1"	900	
NOM. 4 TON	CARRIER XYE05A4B1AA1A111A2 (900 LBS.)	EXISTING	2153 PREP ROOM	ROOF	1600	1500	480	48,000	8.1 SEER	60,000	0.50"	1/2	460-3-60	9	10.0	15.0	(1) 25"X20"X1"	900	
NOM. 2 TON	CARRIER PHE4A2421A (500 LBS.)	EXISTING	2155 STUDENT LAB. & 2156A CTRL. RM.	ROOF	800	800	330	24,000	9.5 SEER	60,000	0.30"	1/3	208-1-60	9	10.0	15.0	(1) 25"X20"X1"	500	





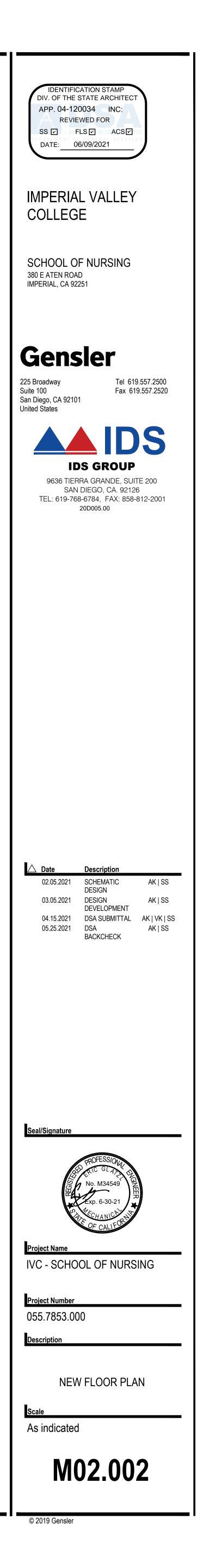






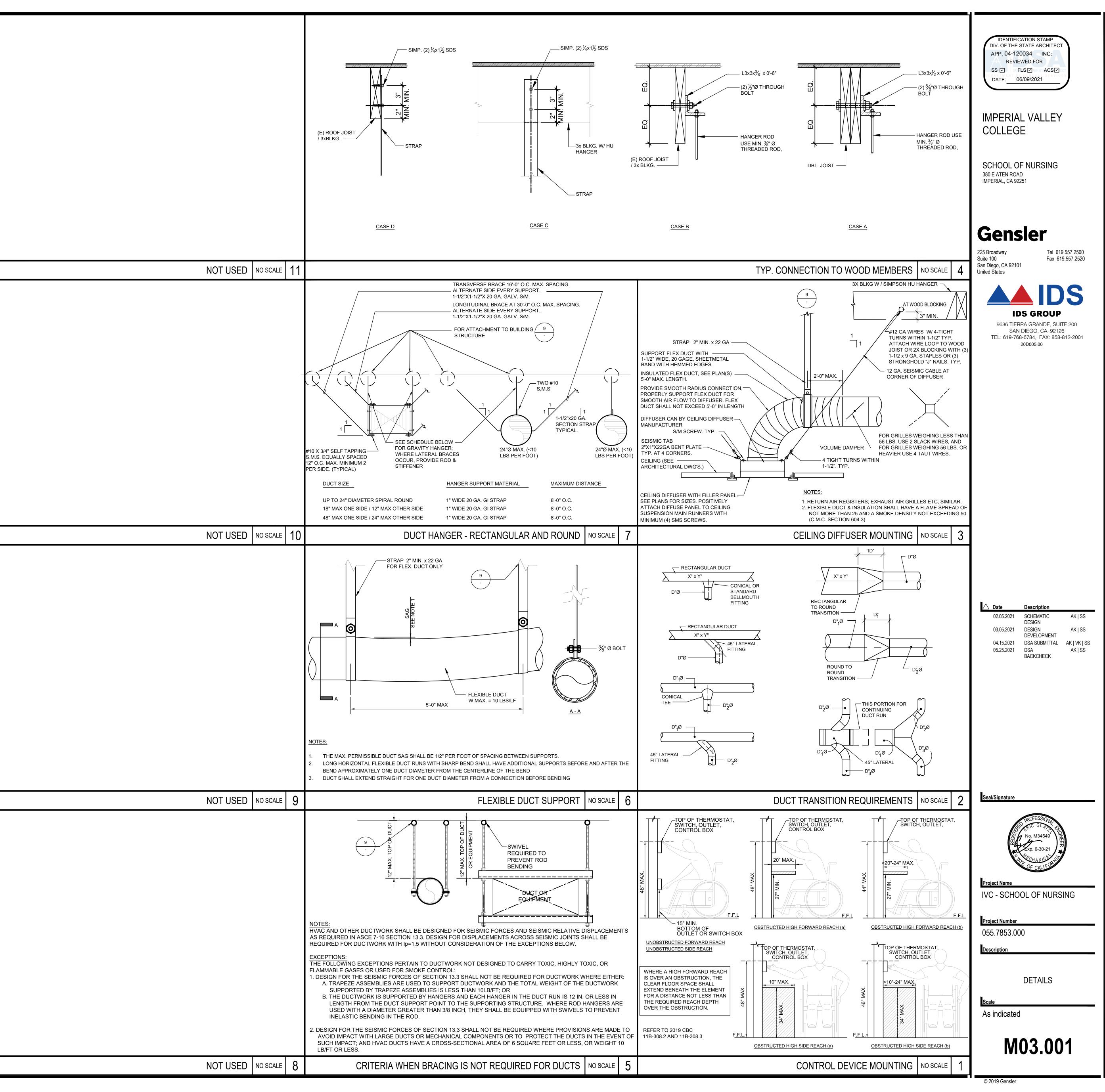
KEYNOTES

(1) EXISTING FD DAMPER SHALL REMAIN.



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NOT USED	NU SCALE	15	
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		10	
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	the second se		ing Modernization	Report Page:
Project A	ddress; 38	0 E Aten Rd, Imp	perial, CA 92251	Date Prepared:
Table Cor	ntinued			
11	No	The scope of	the project includes only duct systems serving he	althcare facilites.
12	Yes	Duct system p	provides conditioned air to an occupiable space f	or a constant volume, single zone, space-conditioning system.
13	No	The space cor	nditioning system serves less than 5,000 ft ² of co	nditioned floor area.
14	No	The combined	d surface area of the ducts in the following location	ons is more than 25% of the total surface area of the entire duct s
			Outdoors	a the second state of a second s
		V		factor greater than the U-factor of the ceiling, or if the roof does r as fixed vents or openings to the outside/ unconditioned spaces
			In an unconditioned crawlspace	
-			In other unconditioned spaces	1 1 2 2 1 1 2 2 3 1 2 5 1 5 1 5 1
15	No	The scope of	the project includes extending an existing duct sy	stem, which is constructed, insulated or sealed with asbestos.
16	Yes		the project includes an existing duct system that sting in accordance with procedures in the <u>Refere</u>	is documented to have been previously sealed as confirmed throu nce Nonresidential Appendix NA2.
17		Duct system s	shall be sealed in accordance with the California I	Viechanical Code.
M. COOI	LING TOW	200		
	on Does No	ot Apply		
This Secti				
This Secti	DATION		CEDTIFICATES OF INSTALLATION	
N. DECL	a sub-		CERTIFICATES OF INSTALLATION	
N. DECL! Table Inst Table E. A	ructions: S dditional R	elections have be emarks. These d	een made based on information provided in previ locuments must be provided to the building inspe	ous tables of this document. If any selection needs to be changed, ctor during construction and can be found online at <u>https://www.c</u> cl/
N. DECL! Table Inst Table E. A	ructions: S dditional R	elections have be emarks. These d	een made based on information provided in previ	ctor during construction and can be found online at <u>https://www.</u>

NRCI-MCH-01-E - Must be submitted for all buildings.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

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		rsing Building Modernization	Report Page:	
		en Rd, Imperial, CA 92251	Date Prepared:	
		QUIRED CERTIFICATES OF VERIFICATION	1	Ī
Nonresidentia	Document	s/NRCV/	/www.energy.ca.gov/title24/2019standards/2019_compliance_document	
		s/NRCV/		
YES	NO	NRCV-MCH-04-H Duct Leakage Test	Form/Title	
	NO		Form/Title	
	NO	NRCV-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater NRCV-MCH-24 Enclosure Air Leakage Worksheet	Form/Title	



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September 2020

NRCC-MCH-E
Page 6 of 8
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STATE OF CALIFORNIA Mechanical Systems NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMM CERTIFICATE OF COMPLIANCE NRCC-MCH-E Project Name: ICCD Nursing Building Modernization Page 2 of 8 Report Page: Date Prepared: Project Address: 380 E Aten Rd, Imperial, CA 92251 2021-03-23 D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. No exceptional conditions apply to this project. E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS) This Section Does Not Apply G. PUMPS This Section Does Not Apply H. FAN SYSTEMS & AIR ECONOMIZERS This Section Does Not Apply I. SYSTEM CONTROLS This Section Does Not Apply J. VENTILATION AND INDOOR AIR QUALITY This Section Does Not Apply K. TERMINAL BOX CONTROLS This Section Does Not Apply L. DISTRIBUTION (DUCTWORK AND PIPING) Table Instructions: Complete the following tables to show compliance with mandatory pipe insulation requirements found in §120.3 and prescriptive requirements found in §140.4(1) for duct leakage testing. **Duct Leakage Sealing** Duct leakage testing triggered for The answers to the questions below No apply to the following duct system(s): these systems? Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

	E OF COM			CALIFORNIA ENERGY COMI	NRCC-N
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Project Add	ress: 380	E Aten Rd, Imperial, CA 92251	Date Prepared:		2021-
C	۲	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units			
0	۲	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance		D	
Ċ		NRCA-MCH-14-A Distributed Energy Storage DX AC Systems Acceptance NOTE: This form does not automatically move to "Yes". If Distributed Energy Storag AC Systems are included in the scope, permit applicant should move this form to "Y			
Ċ	۲	NRCA-MCH-15-A Thermal Energy Storage (TES) System Acceptance NOTE: This form does not automatically move to "Yes". If Chilled Water Storage, Ico Coil Internal Melt, Ice-on-Coil External Melt, Ice Harvester, Brine, Ice-Slurry, Eutecti Salt, Clathrate Hydrate Slurry (CHS), Cryogenic or Encapulated (Ice Ball) Systems an included in the scope, permit applicant should move this form to "Yes".	ic		
C	۲	NRCA-MCH-16-A Supply Air Temperature Reset Controls			. 0
C	۲	NRCA-MCH-17-A Condenser Water Temperature Reset Controls			
0	۲	NRCA-MCH-18 Energy Management Control Systems			
0	۲	NRCA-MCH-19 Occupancy Sensor Controls			
C	۲	NRCA-MCH-20 Multi-Family Ventilation			
0	۲	NRCA-MCH-21 Multi-Family Envelope Leakage			

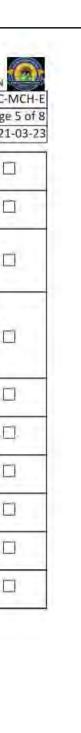
September 2020

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Mechanical Systems NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE Project Name: ICCD Nursing Building Modernization Report Page: Date Prepared: Project Address: 380 E Aten Rd, Imperial, CA 92251 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. I certify that this Certificate of Compliance documentation is accurate and complete. 2 11 11 Documentation Author Name: Alexander Yau Documentation Author Signature: IDS Group Signature Date: 3/23/2021 Company: CEA/ HERS Certification Identification (if applicable): 1 Peters Canyon Rd. Address: IRvine/CA/92606 949-387-8500 City/State/Zip: Phone: RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made ava to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with documentation the builder provides to the building owner at occupancy. Responsible Designer Name: Eric Glatzl Responsible Designer Signature: Company : IDS Group Date Signed: 3/23/2021 Address: 9636 Tierra Grande St, Ste. 200 M34549 license: 619-768-6784 City/State/Zip: San Diego/CA/92126 Phone:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

Mechanical Systems NRCC-MCH-E (Created 09/2020)										CALIFORNIA E	
CERTIFICATE OF COMPLIANCE					_						NRCC-MC
This document is used to demonstr prescriptive path outlined in §140.		the second se	ns tha	t are within th	ie scoj	pe of the perm	it app	lication and a	re dei	monstrating con	npliance using the
Project Name: ICCD Nursing Bui	ilding Modernization					Repo	rt Pag	ge:			Page 1
Project Address: 380 E Aten Rd, Ir	nperial, CA 92251					Date	Prepa	ared:			2021-03
A. GENERAL INFORMATION											
01 Project Location (city)	1	Imperial Valle	ey	0	4 Tot	al Conditioned	Floo	r Area	1		5,394
02 Climate Zone		16		0	5 Tot	al Uncondition	ned Fl	oor Area			0
03 Occupancy Types Within Pro	ject:			0	5 # o	f Stories (Habi	table	Above Grade)	10 10		1
Office (B)	Retail (N	0		E F		refrigerated V			-		
Hotel/ Motel Guest Rooms (R-				Ē		thcare Facility					
High-Rise Residential (R-2/R-3)		ble Class Bldg (E)	Ē		r (Write In):					
¹ FOOTNOTES: Climate zone can be				nission's webs	ite at l	http://www.er	nerav.	ca.aov/maps/	renev	vable/buildina	climate zones.html
B. PROJECT SCOPE		10 A		A -107.11 (44)							
Table Instructions: Include any me		ire within the se	cope o	of the permit o	pplica	tion and are d	emon	strating comp	liance	e using the prese	criptive path outlined
§140.4, or §141.0(b)2 for alteratio	ns.				-		_				
		My pr	roject	consists of (c	heck a	Ill that apply)					
01	-		-	02	1					03	
Air System(s)			et System Con	pone	nts				ry System Comp	oonents
Heating Air System		Water Eco	onomi	izer	_			Air Econo	mizer		
Cooling Air System		Pumps	-					Electric R	esista	nce Heat	
Mechanical Cor	ntrols	Hydronic	Syster	m Piping				Fan Syste	ms		
Mechanical Controls (existing	to remain, altered or	Cooling T	Cooling Towers					Ductwork (existing to remain, altered or new)			
Lui new)		Chillers						Ventilation			
		Boilers						Zonal Syst	tems/	Terminal Boxes	5
								_			
C. COMPLIANCE RESULTS											
		1	"COMI		eptior		' refei		or guid		
Table Instructions: If any cell on th	03	04		05		06		07		08	09.
Table Instructions: If any cell on th0102		System		1.11.1		Terminal Boy		Distribution		Cooling	
Table Instructions: If any cell on th 01 02 System 02	Fans/		AND	Ventilation	AND	Terminal Box Controls	AND	Distribution §120.3,	AND	Cooling Towers	
Table Instructions: If any cell on th 01 02 System Summary	AND Economizers	Controls		§120.1	Ane	5140.4(d)	ANN	§140.4(I)	Ano	5110.2(e)2	Compliance Result
Table Instructions: If any cell on th 01 02 System 02 Summary Pumps §110.1, AND \$140.4(k)	AND Economizers ANI	D <u>§110.2</u> ,	1000	Jacobs				000000			
Table Instructions: If any cell on th 01 02 System Summary \$110.1 AND Pumps	AND Economizers	D <u>§110.2</u> , <u>§120.2</u> , <u>§140.4(f)</u>									
Table Instructions: If any cell on th 01 02 System 02 Summary Pumps §110.1, §140.4(k)	AND Economizers ANI	D <u>§110.2</u> , <u>§120.2</u> ,		(See Table J)		(See Table K)		(See Table L)		(See Table M)	
Table Instructions: If any cell on th 01 02 System 02 Summary Pumps §110.1, §140.4 §140.4 (See Table F) (See Table F) (See Table G)	AND <u>5140.4(c)</u> , <u>\$140.4(c)</u> ,	D <u>§110.2</u> , <u>§120.2</u> , <u>§140.4(f)</u> (See Table I)		(See Table J)	AND		AND	(See Table L) Yes	AND	(See Table M)	COMPLIES



September 2020

September 2020

0		NRCA-MCH-09-A Supply Water Temperature Reset Controls
0	۲	NRCA-MCH-10-A Hydronic System Variable Flow Controls
0		NRCA-MCH-11-A Automatic Demand Shed Controls

STATE OF CALIFORNIA

Mechanical Systems

CERTIFICATE OF COMPLIANCE

Project Name: ICCD Nursing Building Modernization

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

NRCA-MCH-04-A Air Distribution Duct Leakage

NRCA-MCH-05-A Air Economizer Controls

(CO2) concentration setpoints.

NRCA-MCH-08-A Valve Leakage Test

NRCA-MCH-07-A Supply Fan Variable Flow Controls

Project Address: 380 E Aten Rd, Imperial, CA 92251

NRCC-MCH-E (Created 09/2020)

YES NO

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Mechanical Systems NRCC-MCH-E (Created 09/2020)		CALIFORNIA ENERGY COMMISSION			
CERTIFICATE OF COMPLIANCE			NRCC-MCH-		
Project Name: ICCD Nursing Building Modernization		Report Page:			
Project Address: 380 E Aten Rd, Imperial, CA 92251		Date Prepared:	2021-03-2		
with the second of the House of the second s	anted in the plan set or so	instruction documentation. For any mandatory may	acurar that do not apply mark		
Table Instructions: Indicate where mandatory measures are document the plan sheet or construction document location as "N/A", any act			usures that ao not apply, mark		
the plan sheet or construction document location as "N/A", any act			usures that ao not appry, mark		
		k will result in non-compliance in Table C.			

NRCC-MCH-E

Page 4 of 8

2021-03-23

September 2020

Field Inspector

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CALIFORNIA ENERGY COMMI

Report Page:

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in

Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/

Form/Title

NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units.

NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone

NRCA-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted

can vary outside ventilation flow rates based on maintaining interior carbon dioxide

for all systems required to employ demand controlled ventilation (refer to §120.1(c)3)

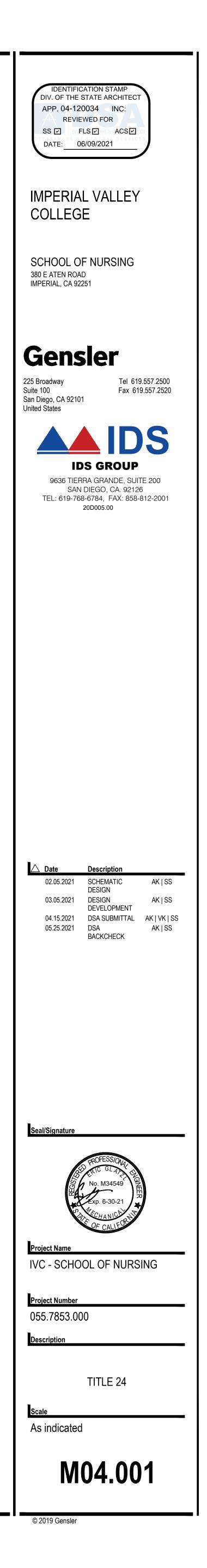
HVAC Systems are included in the scope, permit applicant should move this form to

Note: MCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD

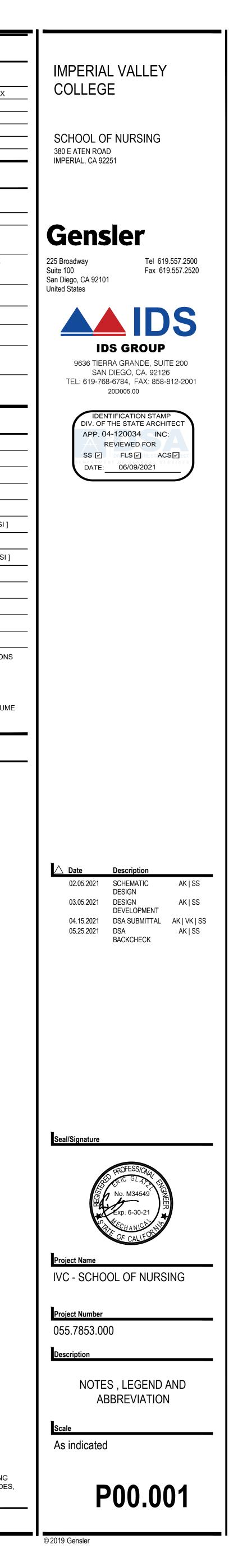
Acceptance (if applicable) since testing activities overlap. NRCA-MCH-03-A Constant Volume Single Zone HVAC

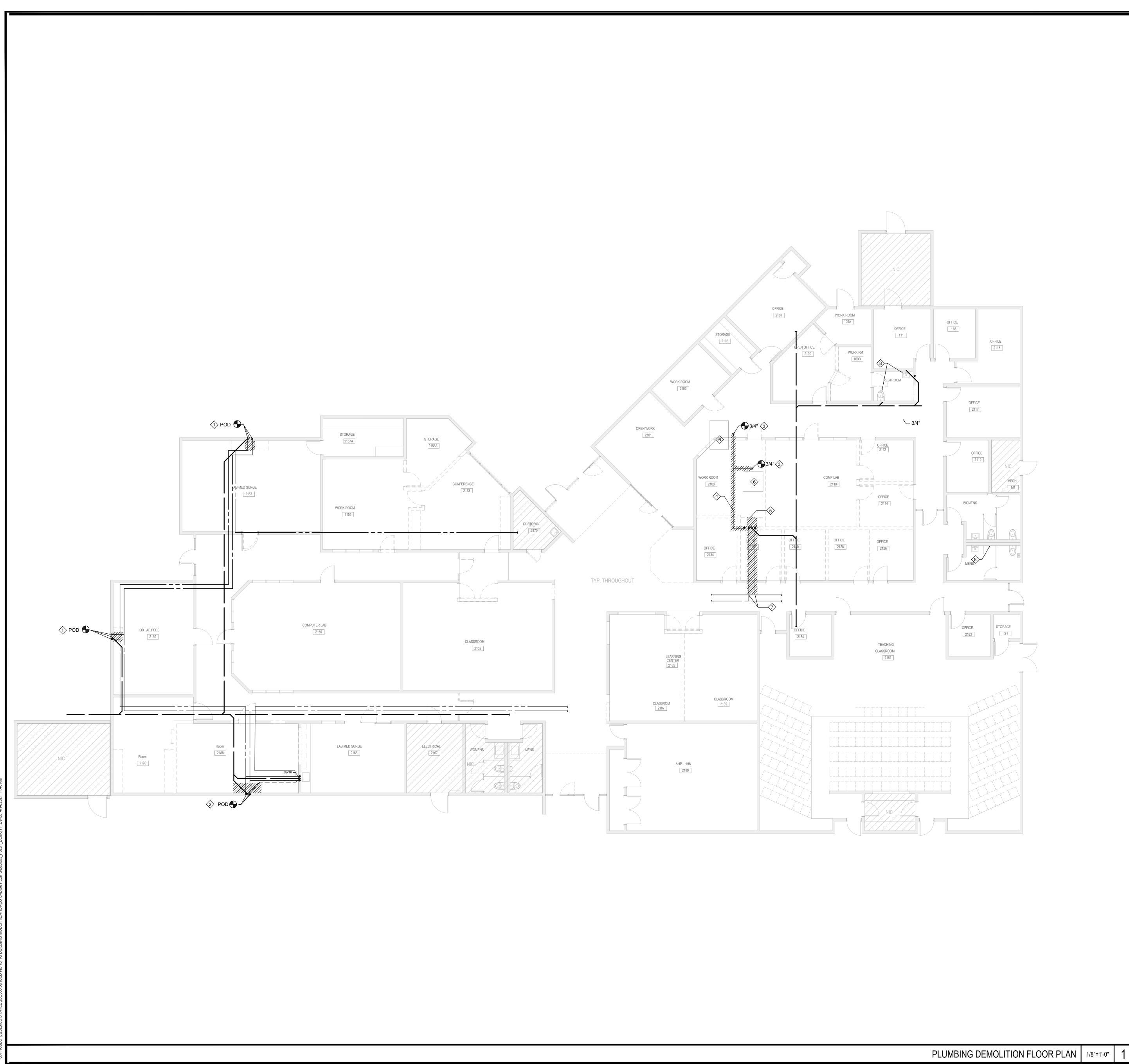
Date Prepared:

Systems To Be Field Verified



1. APPLIANCE AND PLUMBING VENTS AND THE DISCHARGE OUTLET OF EXHAUST FANS SHALL BE AT	ALL PLUMBING FIXTURES ON PLUMBING FIXTURE AND EQUIPMENT SCHEDULE MEET THE						JMBING SHE		
LEAST TEN (10) FEET IN A HORIZONTAL DIRECTION, OR THREE (3) FEET ABOVE THE OUTSIDE-AIR INTAKES FOR THE HVAC UNITS.	REQUIREMENTS OF CALIFORNIA GREEN CODE 2019. • WATER REDUCTION 5.303.2 • WATER CONSERVING PLUMBING FIXTURES AND FITTINGS 5.303.3	SYMBOL		ABBREV.	ABOVE	1	SHEET NUMBER P00.001	PLUMBING GENERAL NOT	EET TITLE ES, LEGEND, ABBREVIATIONS AND SHEET INDEX
2. APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE PER BUILDING CODE REQUIREMENTS OR APPLICABLE MANUFACTURER INSTALLATION REQUIREMENTS.	 WATER CLOSETS 5.303.3.1 URINALS 5.303.3.2 WASTEWATER REDUCTION 5.303.4 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS 5.303.6 		- WASTE PIPING (BELOW)	ABV AFF AVG	ABOVE ABOVE FINISHED FLOOR AVERAGE	2 3	P02.001 P02.002	PLUMBING DEMO PLAN PLUMBING REMODEL PLA	Ν
 EXPOSED GAS PIPING PIPING SHALL BE PROTECTED AGAINST CORROSION BY COATING OR WRAPPING WITH AN INERT MATERIAL APPROVED FOR SUCH APPLICATIONS. ROOF DRAINS, OVERFLOW DRAINS AND RAINWATER PIPING WITHIN THE INTERIOR OF THE 	. CPC CHAPTER 14		- WASTE PIPING (ABOVE) - VENT PIPING	BEL BLDG	BELOW	4	P03.001	PLUMBING DETAILS	
4. ROOF DRAINS, OVERFLOW DRAINS AND RAINWATER FIFING WITHIN THE INTERIOR OF THE BUILDING SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA PLUMBING CODE FOR TESTING DRAIN, WASTE AND VENT SYSTEMS.	APPLICABLE CODES 2019 CALIFORNIA BUILDING CODE		- COLD WATER PIPING	CD CLG	CONDENSATE DRAIN CEILING	FIX ⁻	TURE TESTI	NG	
5. CLEANOUTS FOR HORIZONTAL BUILDING STORM DRAINS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 719 OF THE CALIFORNIA PLUMBING CODE	 2019 CALIFORNIA ELECTRICAL CODE 2019 CALIFORNIA FIRE CODE 2019 CALIFORNIA ENERGY CODE (TITLE 24) 		- HOT WATER PIPING	CFH CW	CUBIC FEET PER HOUR COLD WATER			TABLE 5.303.6 ST PLUMBING FIXTURES AN	
6. ROOF DRAIN AND OVERFLOW DRAIN PIPING WITHIN THE BUILDING SHALL UTILIZE APPROVED DRAINAGE PATTERN FITTINGS.	 2019 CALIFORNIA PLUMBING CODE WITH ALL APPLICABLE AMENDMENTS 2019 CALIFORNIA GREEN CODE WITH ALL APPLICABLE AMENDMENTS 2019 CALIFORNIA GREEN BUILDING CODE 			JP FA FB	DOWN DRAWING	REC WATER CLOSETS (TOILETS) - FLUSHOMETER			IRED STANDARDS ASME A 112.19.2/
 FIRE DEPARTMENT APPROVAL SHALL BE OBTAINED BEFORE ISSUANCE OF PERMIT EACH VENT SHALL RISE VERTICALLY TO A POINT OF NOT LESS THAN SIX (6) INCHES IN 	GREEN BUILDING STANDARD NOTES		ELBOW UP		FROM ABOVE FROM BELOW	VC	DLUME	LUSH, MAXIMUM FLUSH	CSA B45.1 - 1.28 GAL (4.8 L) ASME A 112.19.14 AND USEPA WATERSENSE
 HEIGHT ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT. 9. NO GAS PIPING SHALL BE INSTALLED IN OR ON THE GROUND UNDER ANY BUILDING, 	 MINIMUM OF 50% OF NON HAZARDOUS CONSTRUCTION WASTE TO BE RECYCLE. CGC 5.713.8.1. TESTING AND ADJUSTING OF NEW SYSTEMS SHALL COMPLY AS OUTLINED IN CGC SECTION 	- C		FLR FT GPM	FLOOR FEET GALLONS PER MINUTE	VC	VALVE TYPE DUAL FLUSH, MAXIMUM FLUSH TANK-T VOLUME SPECIFI		TANK-TYPE HIGH-EFFICIENCY TOILET SPECIFICATION - 1.28 GAL (4.8L) USEPA WATERSENSE TANK-TYPE
 10. RAIN WATER PIPING LOCATED ON THE EXTERIOR OF A BUILDING SHALL BE NOT LESS 	 5.713.10.4.2. OPERATIONS AND MAINTENANCE SCHEDULE (O&M) AS LISTED IN CGC SECTION 5.713.10.4.5 SHALL BE DELIVERED TO THE BUILDING OWNER OR REPRESENTATIVE AND THE FACILITIES OPERATOR. 			HWR	HOT WATER HOT WATER RETURN		RINALS, MAXIMUM F	,	HIGH-EFFICIENCY TOILET SPECIFICATION ASME A 112.19.2/ CSA B45.1 - 0.5 GAL (1.9L)
NO. 26 GAGE GALV. SHEET METAL AND WHEN THE CONDUCTOR IS CONNECTED TO A BUILDING STORM DRAIN, A DRAIN CONNECTION SHALL BE EXTENDED ABOVE THE FINISHED GRADE AND JOINED AT A POINT PROTECTED FROM MECHANICAL DAMAGE.	 DURING CONSTRUCTION, ENDS OF DUCT OPENING ARE TO BE SEALED, AND MECHANICAL EQUIPMENT IS TO BE COVERED. CGC 5.714.4.3. VOC'S MUST COMPLY WITH THE LIMITATIONS LISTED IN SECTION 5.504.4 AND TABLES 4.504.1, 5.504.4.1, 5.504.4.2, 5.504.4.3 AND 5.504.4.5 FOR: ADHESIVES, SEALANTS, PAINTS, AND COATINGS, 	φ	BREAKLINE	I.E.	INVERT ELEVATION		IBLIC LAVATORY FA		ASME A 112.18.1/CSA B125.1
11. ROOF DRAINAGE SHALL NOT BE DISCHARGED INTO THE SANITARY WASTE SYSTEM.	CARPET AND COMPOSITION WOOD PRODUCTS. CGC 5.714.4.4 .		BALL VALVE UNION	LBS QTY	POUNDS QUANTITY	MA		LF-CLOSING FAUCETS: E-0.25 GAL (1.0L) PER	ASME A 112.18.1/CSA B125.1
 PLUMBING FIXTURES, EQUIPMENT AND COMPONENT SHALL BE APPROVED AND COMPLY WITH AB1953. THE INSTALLATION OF CPVC SHALL COMPLY WITH THE 2019 C.P.C. 604.1.1. 	ADA REQUIREMENTS 1. WATER CLOSETS:		WALL CLEAN OUT	SD/RD RW	STORM DRAIN/ROOF DRAIN RECLAIMED WATER OVERFLOW DRAIN SHUT-OFF VALVE SQUARE FEET				ASME A 112.18.1/CSA B125.1
	A. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" (431.8 mm) AND A MAXIMUM OF 19" (482.6 mm) MEASURED TO THE TOP OF		FLOOR CLEAN OUT	OD SOV		(5.7L / MIN.) BELOW GRADE CALGREEN MANDATORY MEASURES			
	TOILET SEAT. FLUSH CONTROLS SHALL BE OPERABLE, BE AN OSCILLATING HANDLE WITH A MAXIMUM OPERATING FORCE OF 3 LBS. (.67 N) OR BY A REMOTE LOW VOLTAGE BUTTON. THE HANDLE OF THE BUTTON SHALL BE	(x)	DETAIL CALL OUT	SQFT SS TEMP	SANITARY SEWER TEMPERATURE				RE FLOW RATES
	LOCATED SO IT IS OPERABLE WITHOUT REQUIRING EXCESSIVE BODY MOVEMENT. (LOCATE ON WIDE SIDE OF WATER CLOSET).			TYP WV	TYPICAL WASTE/VENT	SHO	FIX WERHEADS (LOW F	LOW)	2 GPM @ 60 PSI
PIPE MATERIAL SCHEDULE	 2. LAVATORIES: A. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29" (736.6 mm) EROM THE ELOOP TO THE BOTTOM OF THE APPON WITH KNEE 			w wco	WASTE/VENT WASTE WALL CLEAN OUT		TORY FAUCETS NO	NRESIDENTIAL	0.4 GPM @ 60 PSI 1.8 GPM @ 60 PSI
SERVICE LOCATION MATERIAL	mm) FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" (762 mm) IN WIDTH WITH 8" (203.2 mm) MINIMUM OF DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9"			FCO	FLOOR CLEAN OUT	WAS	H FOUNTAINS		1.8 [RIM SPACE (IN.) / 20 GPM @ 60 PSI]
COLD WATER - PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.	(228.6 mm) HIGH FROM THE FLOOR AND A MINIMUM OF 17" (431.8 mm) DEEP FROM THE FRONT OF THE LAVATORY.						ERING FAUCETS	R WASH FOUNTAINS	0.2 GALLONS / CYCLE 0.20 [RIM SPACE (IN.) / 20 GPM @ 60 PSI]
WATER - PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER HOT WATER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.	B. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.						VITY TANK TYPE W		1.28 GALLONS / FLUSH (1) 1.28 GALLONS / FLUSH (1)
- PROVIDE INSULATION FOR ALL HOT WATER PIPES. ABOVE FLOOR - PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.	WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR	NO LEAD REQUI				FLUS	HOMETER VALVE V	ATER CLOSETS	1.28 GALLONS / FLUSH (1)
RECYCLED WATER BELOW GRADE SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.	TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. (22.2 N). LEVER-OPERATED PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF	ALL MATERIALS, DEVICES,	ETCINSTALLED IN THE DOMESTI			ELEC		IYDRAULIC WATER CLOSETS	1.28 GALLONS / FLUSH 0.5 GALLONS / FLUSH
ABOVE FLOOR ABS PIPE SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS	ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.	SHALL COMPLY WITH CAL	FORNIA HEALTH AN SAFETY CODE	SECTION 1168	′5- AB1953	∫ ⊂ c	R LESS:		SETS WITH AN EFFECTIVE FLUSH OF 1.28 GALLONS
SANITARY WASTE AND	PLUMBING FIXTURE AND EQUIPMENT SCHEDULE ROUGH-IN CONNECTIONS					L A	ITERS). THE EFFEC CCORDANCE WITH	TIVE FLUSH VOLUME IS THE A ASME A 112.19.233.2.	VERAGE FLUSH VOLUME WHEN TESTED IN
STORM DRAIN ABS PIPE SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS BELOW GRADE ABS PIPE SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS		DESCRIPTION				L	ITERS). THE EFFEC F TWO REDUCED F	TIVE FLUSH VOLUME IS DEFIN	IED AS THE COMPOSITE, AVERAGE FLUSH VOLUME H. FLUSH VOLUMES WILL BE TESTED IN
ABOVE FLOOR ABS PIPE SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS						GE	NERAL NOT	ES	
SANITARY VENT	<u>S-1</u> SINK 2" 1½" 1/2" 1/2" PROVIDE WITH CHICAGO FLOO BASE. BRASS CRAFT QUARTER	OR MOUNTED PEDALS WITH 620	VERIFY EXACT DIMENSIONS WITH NON-AERATED LAMINAR FLOW SI			1.	LOCATIONS, ELE	VATIONS AND CHARACTERIS	NTRACTOR SHALL VERIFY THE EXACT TICS OF ALL UTILITIES AND PIPING,
BELOW GRADE ABS PIPE SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS						2.	EXACT LOCATIO		FECT OF ANY DISCREPANCIES. OF PLUMBING FIXTURES SHALL BE INGS.
						3.	SEE ARCHITECT HEIGHTS. INSUL	JRAL DRAWINGS FOR HANDIG	CAP FIXTURE LOCATIONS AND MOUNTING ID DRAIN PIPING BELOW LAVATORIES
							P-TRAP TO WALI SIDE OF THE ST	. ALL WATER CLOSET FLUSH LL.	W INSULATION KIT AND OFFSET ING LEVERS SHALL BE TO THE WIDE
						4.	OFFSETS HAPPE	SINKS SHALL TRAP STRAIGH ⁻ NING WITHIN THE WALL. (SHALL BE INSTALLED SO AS	
						6.	WITH ELECTRIC	L AND MECHANICAL EQUIPM	ENT AND STRUCTURAL FRAMING. LOCATION OF ALL CEILING ACCESS
						7	LIGHTING LAYOU	Т.	ED CEILING PLAN AND THE ELECTR. ADILY ACCESSIBLE. THE CONT'R
						/.	SHALL COORDIN AND THE ARCHI	ATE ALL CLEANOUT LOCATIC ECT PRIOR TO ANY INSTALL	NS WITH EQUIPMENT, CABINETS, ETC., ATION.
						8. 9	INDICATED ON D		IPE UNLESS OTHERWISE AND INSTALLED IN COMPLIANCE
						0.	WITH ALL APPLIC AUTHORITY. NO	ABLE CODES AS ADOPTED A THING IN THESE DRAWINGS IS	ND AMENDED BY THE INSPECTING S TO BE CONSTRUED TO PERMIT WORK ERS APPLICABLE TO THIS PROJECT:
						10	LOCATIONS OF A	LL EQUIPMENT PROVIDED UI	S CONTRACTOR SHALL VERIFY EXACT NDER ANOTHER SECTION OF
						11	BE COORDINATE		NS AND REQUIREMENTS SHALL 6 UNLESS OTHERWISE
						12		RIMER, WATER HAMMER ARR WN IN WALLS OR ABOVE NOI	
						13	SHALL BE INSTA	LED BEHIND AN ACCESS PAI	
						15	. EXISTING PIPING		UCTION SHALL BE REPAIRED E CONTRACTOR.
						16		, FIXTURES AND EQUIPMENT DIRECTED BY THE OWNER'S	THAT IS REMOVED SHALL BE REPRESENTATIVE.
							SYSTEM NO. WL	001. SEE ARCHITECTURAL F	
						21	REVIEW ARE SU	BJECT TO APPROVAL OF THE	H ARE NOT APPROVED DURING PLAN STRUCTURAL ENGINEER OF RECORD ALLATION AND INSPECTION BY THE
						22	. HOT WATER PIP	NG SHALL BE INSULATED IN BLE 1-G OF THE TITLE 24 REC	
						23	BUT NECESSAR	FOR THE COMPLETE CODE	AWINGS OR SPECIFICATIONS APPROVED INSTALLATION OR FOR ALLATION SHALL BE PROVIDED AS
						25	REQUIRED AT NO	ADDED COST TO THE OWNE	ER.
						26	. UNLESS SPECIF	VISE INDICATED ON PLAN. ED ON STRUCTURAL DRAWIN	IGS, ANY ALTERATION OR MODIFICATIONS LING, BORING, BRACING, WELDING ETC.
							SHALL HAVE WR PRIOR START W	TTEN APPROVAL STRUCTUR DRK.	AL ENGINEER OR RECORD AND DSA
							PLUMBING CODE		CTION 707.0 AND 719.0 OF THE T LESS THAN TEN FEET FROM OR AT LEAST
						29	THREE FEET ABC WATER CLOSET	OVE ANY WINDOW, DOOR, OP BOWLS FOR PUBLIC USE SHA	ENING, AIR INTAKE, OR VENT SHAFT. ILL BE OF THE ELONGATED TYPE.
							. POTABLE WATER	SYSTEMS ON THIS PROJECT	ND SINKS TO MAINTAIN WATER SEALS. ⁻ SHALL BE DISINFECTED PRIOR TO USE N 609.9 OF THE PLUMBING CODE.
						32	PLUMBING DRAV	VINGS ARE DIAGRAMMATIC. T XIMATE AND SHALL BE VERIF	HE LOCATION AND ELEVATION OF ALL PLUMBING TED AND COORDINATED WITH ALL OTHER TRADES, INSTRUCTION PRIOR TO START INSTALLATION.

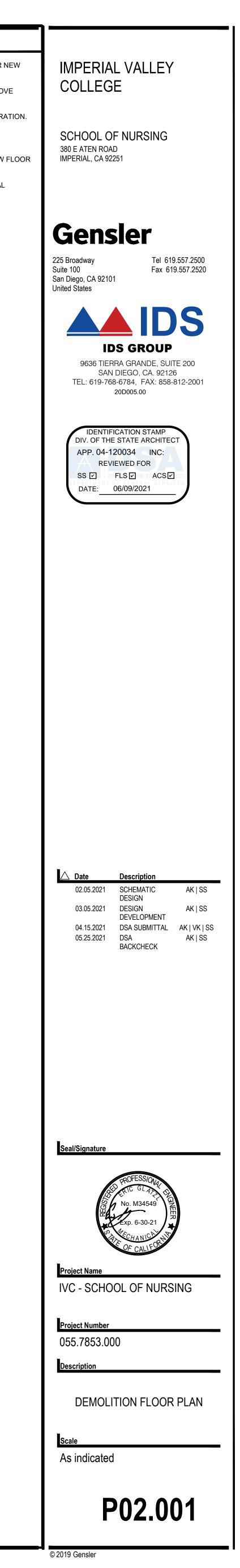


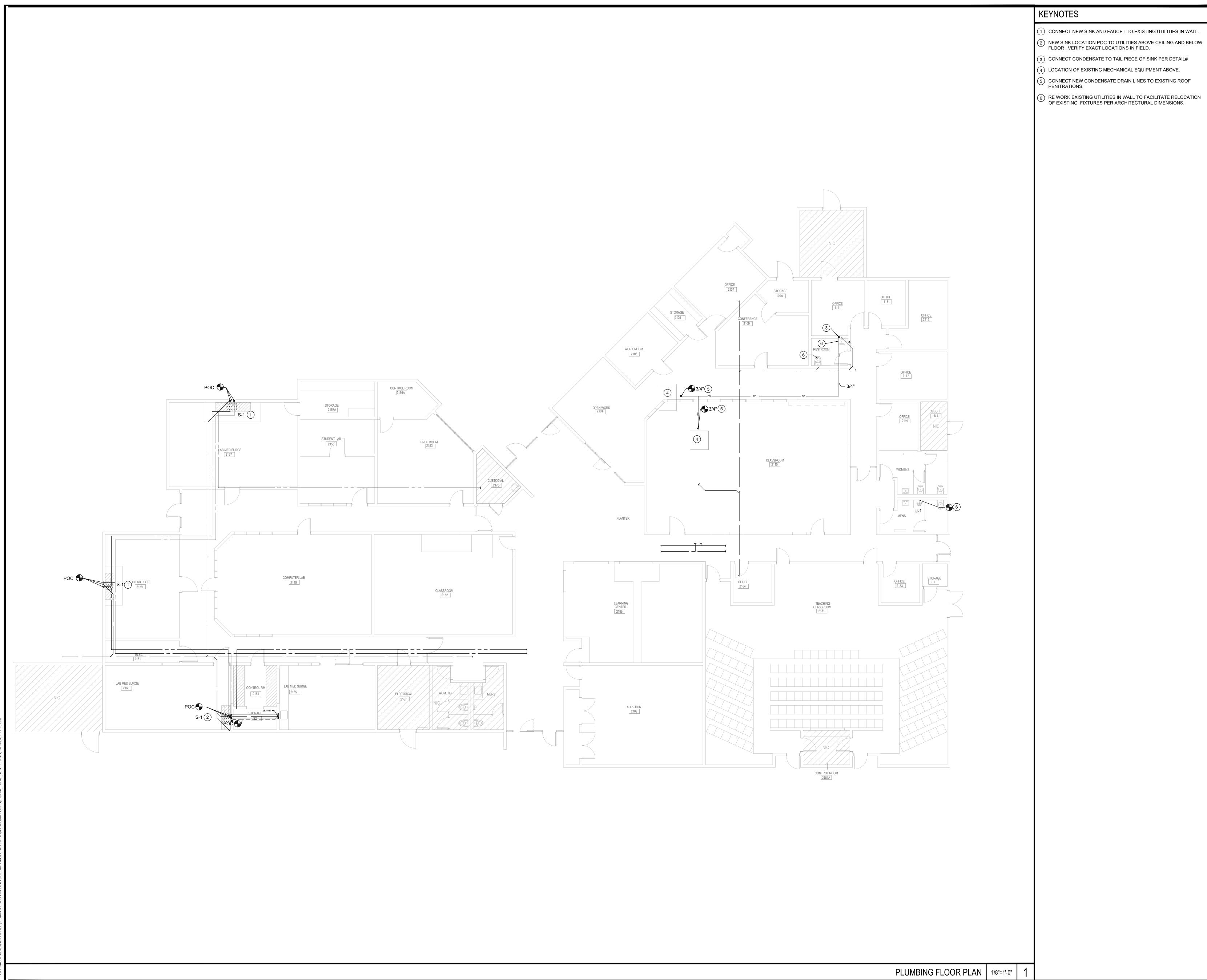


AD JECTS/2020) STABED/2010/05 ON ICOD NI IBSING BLIILDING MODEBNIZATION/OF CAD/06 PLI MB/2010/05 P0201 DEMO EP DMG 4/14/

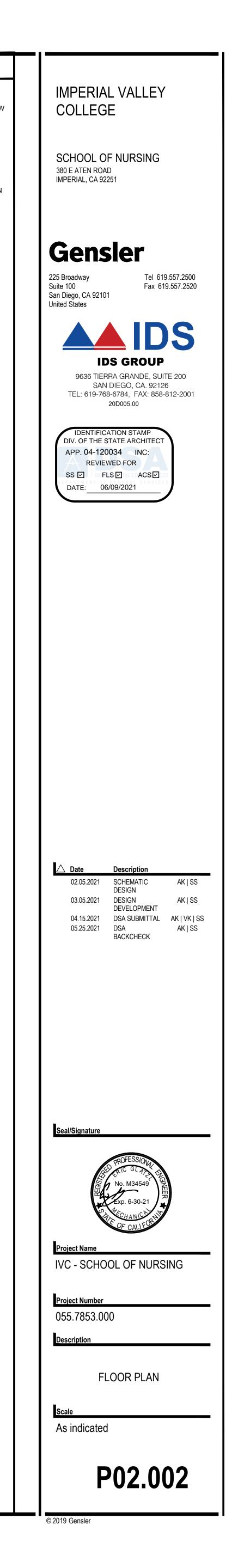
DEMOLITION KEYNOTES

- REMOVE EXISTING SINK AND PREPARE CONNECTIONS FOR NEW SINK AND FAUCET
- REMOVE EXISTING SINK AND CAP UTILITY IN WALL AND ABOVE CEILING AS SHOWN
- (3) REMOVE CONDENSATE DRAIN LINE BACK TO ROOF PENETRATION.
- REPAIR PIPING FOR REWORK
 DEMO CONDENSATE PIPE AS SHOWN
- REMOVE EXISTING SINK AND UTILITIES IN WALL CAP BELOW FLOOR AND ABOVE CEILING AS SHOWN
- OUT LINE OF EXISTING AC UNIT ON ROOF SEE MECHANICAL DRAWINGS FOR MORE INFO.
- $\langle \hat{7} \rangle$ CAP EXISTING WATER LINES
- $\langle 8 \rangle$ REMOVE EXISTING FIXTURES FOR RELOCATION



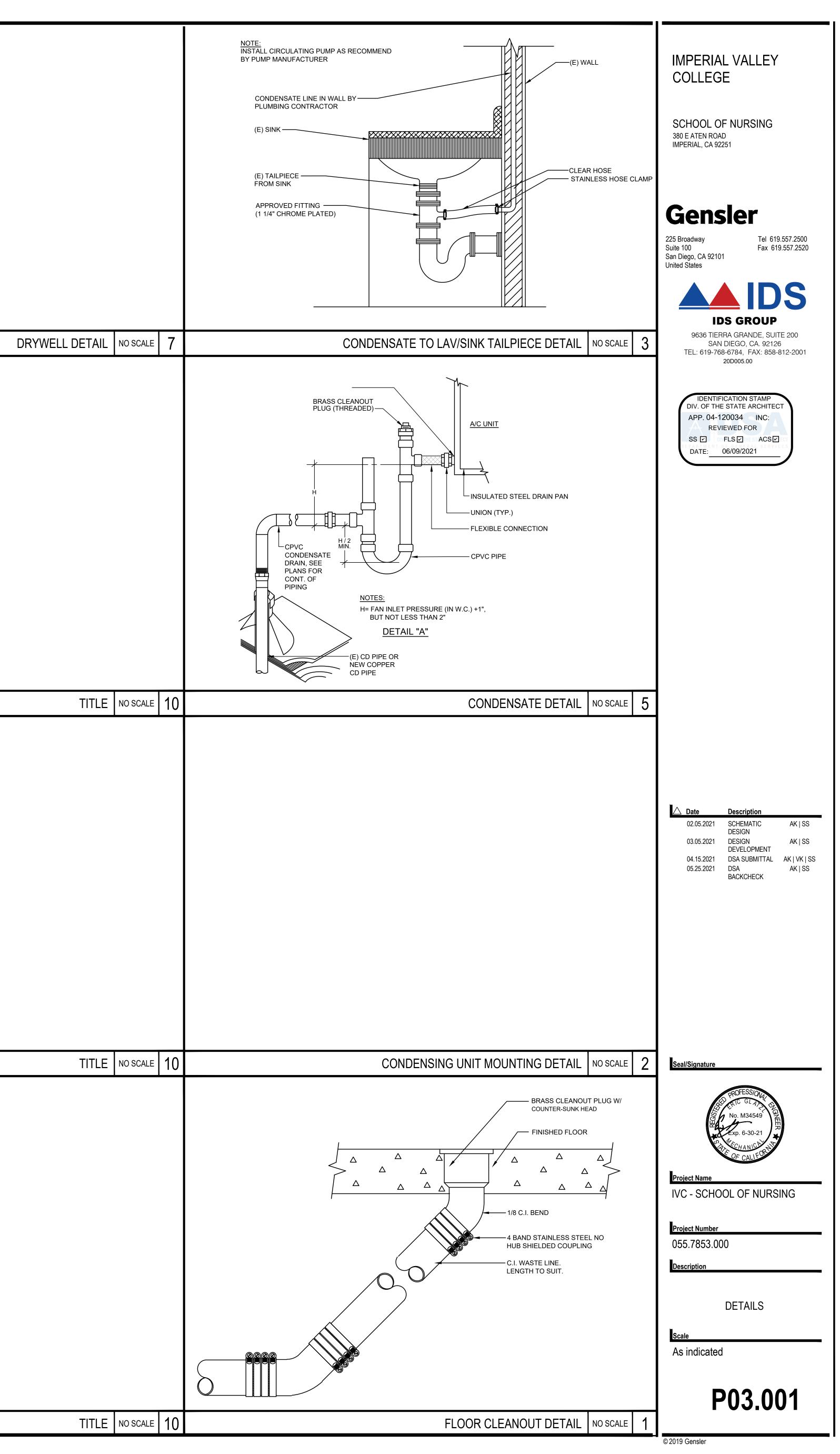


30. IECTS/2020(SD SHABED) 201006 00 ICCD NU IBSING BUILDING MODERNIZATION 05 CAD/06 PLUMB/2010/05 P0202 NEW EP DWG 4/

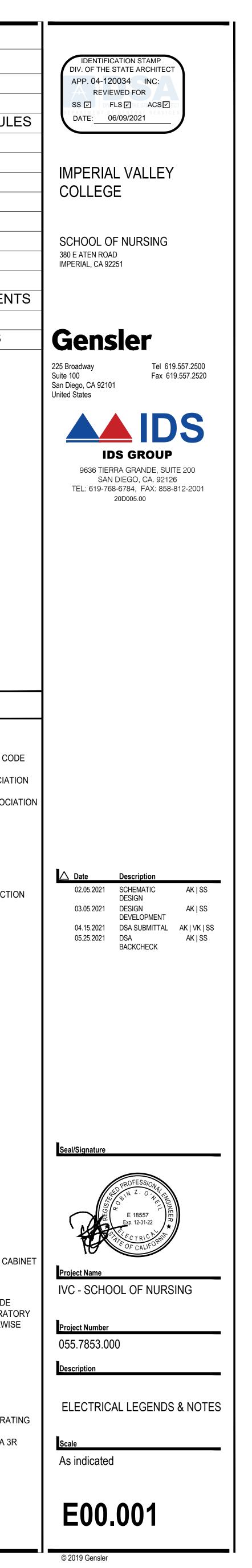


TITLE NO SCALE 14	TITLE NO SCALE 10	
TITLE NO SCALE 13	TITLE NO SCALE 10	
TITLE NO SCALE 12	TITLE NO SCALE 9	
TITLE NO SCALE 11	TITLE NO SCALE 10	

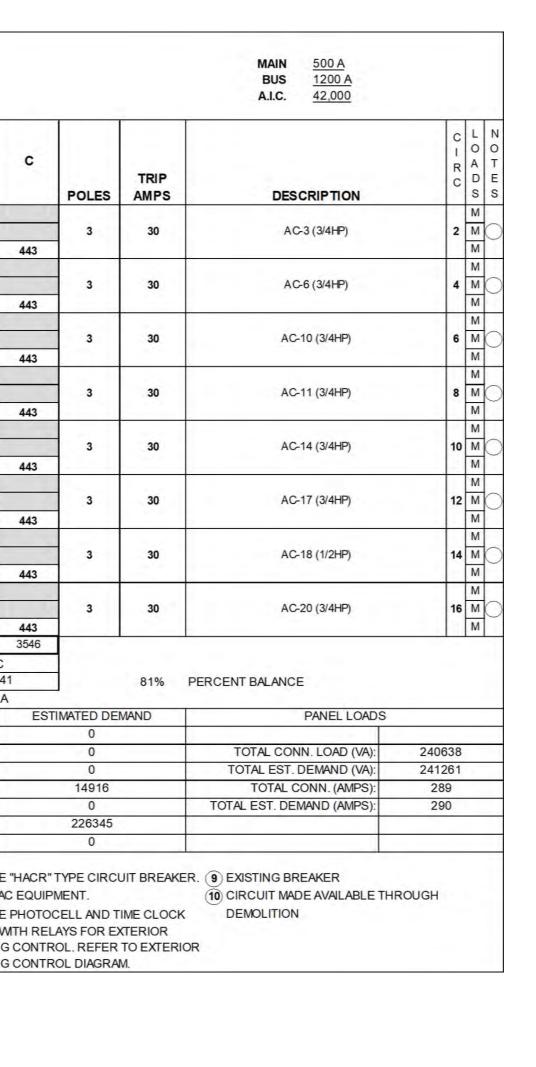
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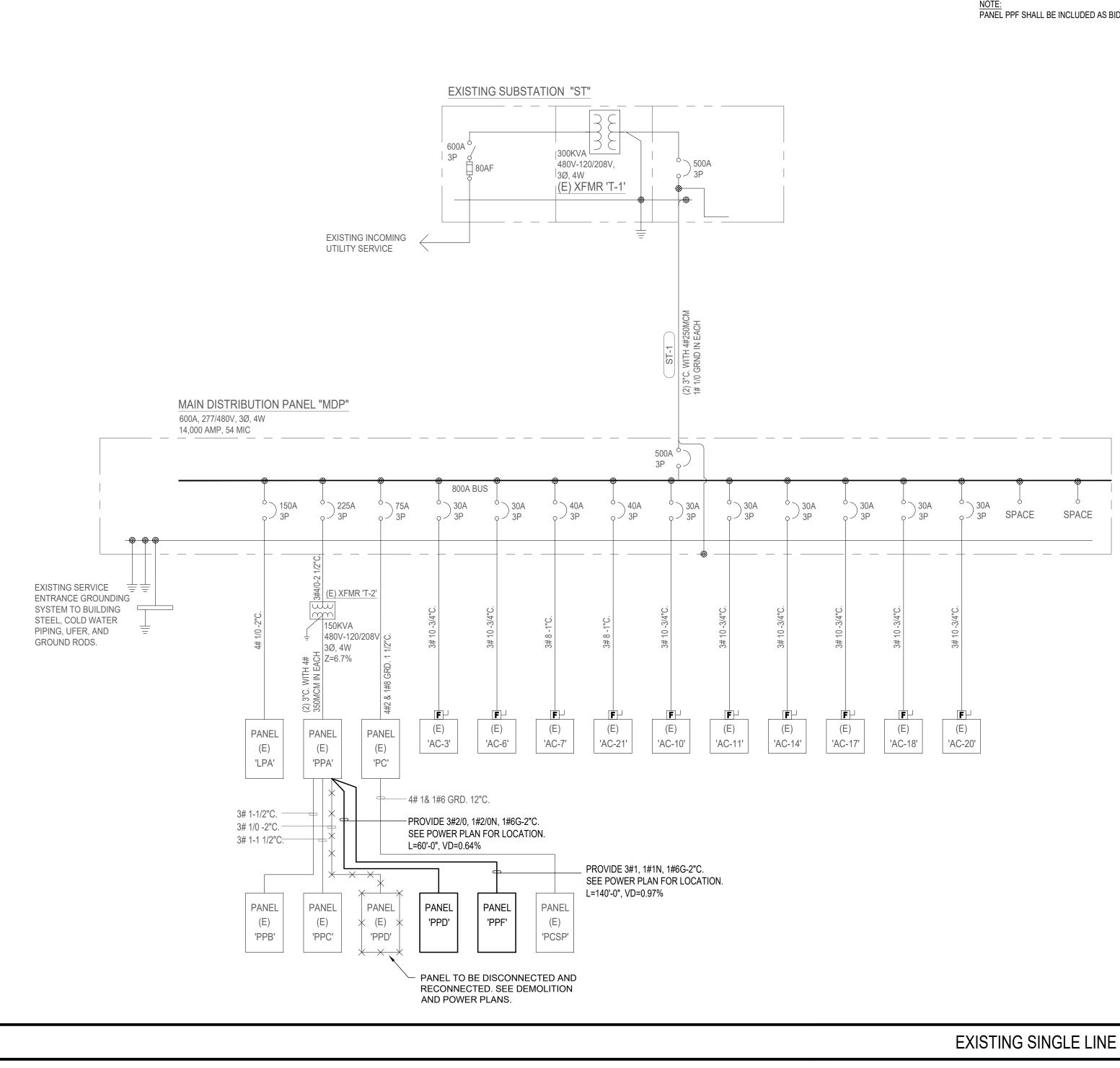


ELECTRICAL	SYMBOL LIST			GENERAL ELECTRICAL NOTES				
LIGHTING		SIGNAL		1. SYMBOLS ARE NOT NECESSARILY USED IN THIS PROJECT.	24. PROVIDE TYPE WRITTEN UPDATED PANEL DIRECTORY TO BE MOUNTED ON		Sheet Li	st Table
		① _{F-1}	THERMOSTAT OUTLET AT +54" (HVAC UNIT DESIGNATION)	 IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. THE ENGINEER RESERVES THE RIGHT TO ALLOW 	INSIDE OF PANEL DOOR COVERS. DIRECTORY SHALL REFLECT ADDITIONS OR MODIFICATIONS TO EXISTING PANELS AND SHALL REFLECT ACTUAL "AS-BUILT"	Sheet Num		Sheet Title
	LINEAR LED FIXTURE	Т	POWER TRANSFORMER. SIZE AND TYPE NOTED ON	OTHER METHODS AND MATERIALS NOT REFLECTED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO REQUEST THE ENGINEER WAIVE THE STANDARDS	25. VERIFY DEVICE COLOR AND MOUNTING ORIENTATION (VERTICAL OR	E00.00		GENDS & NOTES
0			PLANS AND SPECIFICATIONS TELEPHONE TERMINAL CABINET AT +72" TO TOP	TO ALLOW ALTERNATE MEANS AND METHODS PRIOR TO BEGINNING THE PROJECT. CONTRACT DOCUMENT REVISIONS TO ACCOMMODATE INSTALLED	HORIZONTAL) WITH ARCHITECTURAL AND INTERIOR DESIGN DRAWINGS PRIOR TO ORDERING ANY EQUIPMENT AND PROVIDE DEVICES AS REQUIRED. UNLESS	E00.003		
	SUSPENDED LINEAR LED FIXTURE		TELEPHONE BACKBOARD	CONDITIONS, WITHOUT PRIOR APPROVAL, WILL RESULT IN ADDITIONAL DESIGN CHARGES TO THE CONTRACTOR.	NOTED OTHERWISE, DEVICES AND DEVICE PLATES SHALL BE WHITE IN COLOR.	E00.004		
			TELEPHONE OUTLET AT +18"	3. ELECTRICAL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN	26. WHERE MOTORS ARE INSTALLED IN SUSPENDED CEILINGS, CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH IN SUSPENDED CEILING WITHIN REACH	E02.20	1 ELECTRICAL DE	MOLITION PLAN
		\triangleleft	DATA OUTLET AT +18"	ACCORDANCE WITH THE NECA INSTALLATION STANDARDS TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.	FROM ACCESS POINT.	E02.202		MODEL POWER PLAN
\bigcirc	LIGHT FIXTURE - RECESSED OR SURFACE PENDANT FIXTURE	\triangleleft	COMBINATION TELE/COMPUTER OUTLET AT +18"	4. WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE CURRENTLY	27. SIZING OF MOTOR-RELATED ELECTRICAL COMPONENTS, INCLUDING FEEDER AND/ OR BRANCH CIRCUITS (WIRE AND CONDUIT) AND OVERCURRENT	E02.30 E02.90	· · · · · · · · · · · · · · · · · · ·	MODEL LIGHTING PLAN
\oplus	WALL MOUNTED LIGHT FIXTURE	•	TELEPHONE OUTLET ABOVE COUNTER	ACCEPTED EDITION OF APPLICABLE NATIONAL, STATE AND CITY CODES AND ORDINANCES.	PROTECTION (BREAKER AND/ OR FUSES) IS BASED ON RATINGS INDICATED IN THE CONTRACT DOCUMENTS AS WELL AS NEC APPROXIMATED LOADS FOR A	E02.90		
\sim	WALL MOONTED LIGHT FIXTORE	4	TELE/DATA OUTLET ABOVE COUNTER	5. ELECTRICAL SYSTEM COMPONENTS SHALL BE LISTED OR LABELED BY UL OR	GIVEN MOTOR HORSEPOWER, VOLTAGE AND PHASE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL MOTOR AND APPLIANCE RATING AND	E02.904		
	WALL WASHER	\triangleleft	DATA OUTLET ABOVE COUNTER	OTHER NATIONALLY RECOGNIZED TESTING FACILITY AS ALLOWED BY AUTHORITY HAVING JURISDICTION.	LOADS. CONTRACTOR TO PROVIDE CORRECTLY SIZED MOTOR OVERLOAD ELECTRICAL COMPONENTS BASED ON NAMEPLATE RATING. REFLECT CHANGES	E02.90	6 INDOOR TITLE 24	4 COMPLIANCE DOCUMENTS
	LETTER REFERS TO FIXTURE TYPE		FLUSH FLOOR BOX WITH COMBINATION TELE/DATA OUTLET	6. WHERE AN APPARENT DISCREPANCY EXISTS BETWEEN THE REQUIREMENTS OF	IN THE AS-BUILT DRAWINGS.	FA02.20		
	MONO-POINT LIGHT FIXTURE	ΗTV	TELEVISION OUTLET	THE GENERAL NOTES AND INFORMATION PORTRAYED IN THE ELECTRICAL DRAWINGS, THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF THE	28. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW OF THE FOLLOWING EQUIPMENT:	FA02.90	1 FIRE ALARM PRO	DUCT SPECIFICATIONS
•□ •-0	PARKING LOT POLE MOUNTED LIGHT FIXTURE		TELEVISION CAMERA (CCTV)	GREATER QUALITY OR QUANTITY.	a. ELECTRICAL SWITCHGEAR: SWITCHBOARDS, WITH PANELS, MOTOR			
\mathbf{x}	EXIT SIGN - CEILING MOUNTED	CR	CARD READER	7. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND VERIFY EXISTING CONDITIONS. CONTRACTOR SHALL INCLUDE IN BASE BID COSTS REQUIRED FOR	CONTROL. b. CENTERS AND SAFETY DEVICES.			
Η	EXIT SIGN - WALL MOUNTED	WAP	WIRELESS ACCESS POINT	PERMITS AND INSPECTIONS.	c. OVERCURRENT DEVICES: CIRCUIT BREAKERS AND FUSES INCLUDINGd. TIME/CURRENT TRIP CURVES.			
⊗↓	EXIT SIGN - W/ARROWS INDICATE DIRECTION	SINGLE LINE	DIAGRAM	8. CONTRACTOR SHALL VERIFY, WITH OWNER'S REPRESENTATIVE PRIOR TO SUBMITTING BID, ALLOWABLE WORKING HOURS, EMPLOYEE PARKING AREAS,	 e. LIGHTING FIXTURES: INDOOR/OUTDOOR AS SPECIFIED, PHOTOMETRIC f. PERFORMANCE DATA AND LAMPS. 			
	BUG EYE FIXTURE WITH 90 MIN BATTERY PACK			MATERIAL DELIVERY, STORAGE REQUIREMENTS, DEMOLITION AND REMOVAL OF CONSTRUCTION DEBRIS, AS WELL AS DAILY CLEAN UP REQUIREMENTS.	 g. DEVICES: SWITCHES, RECEPTACLES, MOTOR CONTROLLERS AND h. DEVICE PLATES. 			
L-1	LIGHTING FIXTURE NOTATION A, 1, b INDICATES:			INCLUDE COSTS IN BID FOR DUST BARRIERS, DUMPSTERS ETC. AS REQUIRED FOR THE DURATION OF THE PROJECT. PERFORM WORK AS DIRECTED BY	 i. LIFE SAFTY/FIRE ALARM SYSTEM: CONTROL PANEL, ANNUNCIATOR PANEL, j. INITIATION AND NOTIFICATION DEVICES/APPLIANCES, SYSTEM WIRING k. DECUMPENTS AND DIACRAM SYSTEM LOAD CALCS, STANDARD BATTERY 			
1b	L-1 = FIXTURE TYPE, REFER TO SCHEDULE 1 = CIRCUIT NUMBER b = SWITCH CONTROLLING FIXTURE		SERVICE CABLE TERMINATION	OWNER'S REPRESENTATIVE AND ARCHITECT.	k. REQUIREMENTS AND DIAGRAM, SYSTEM LOAD CALCS, STANDARD BATTERYI. CALCULATIONS, AND AUXILIARY POWER SUPPLY.			
	b = SWITCH CONTROLLING FIXTURE ab =BI-LEVEL/DUAL SWITCH CONTROL			 ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE NECESSARY CORRECTIONS. 	29. EQUIPMENT ELECTRICAL TERMINATIONS TO UNDERGO A TORQUE TEST. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MANUFACTURER'S			
	HALF SHADED FIXTURE FURNISHED WITH EMERGENCY 90-MINUTE BATTERY PACK, UNSWITCHED CIRCUIT TO BATTERY CHARGER.		FUSED DISCONNECT SWITCH	10. CONTRACTOR SHALL GUARANTEE WORK AGAINST DEFECTS IN MATERIALS AND	RECOMMENDED TORQUE DOCUMENTATION AND TOOLS TO PERFORM TORQUE TEST.			
⊕ abcd	WALL SWITCH, +48" OR AS NOTED: SUBSCRIPTS AT		SWITCH	WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY	30. UNDERGROUND SERVICE CONDUITS SHALL BE SEALED PER NEC ARTICLE 230-8.			
$\mathcal{P}_2^{\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}\mathcal{O}O$	SYMBOL INDICATE THE FOLLOWING: 2 - DOUBLE POLE (20A, 120/277V)		SURGE SUPPRESSOR CURRENT TRANSFORMER	CORRECTED BY CONTRACTOR WITHOUT ADDITIONAL CHARGE TO OWNER.	 30. UNDERGROUND SERVICE CONDUITS SHALL BE SEALED PER NEC ARTICLE 230-6. 31. FLOOR MOUNTED ELECTRICAL EQUIPMENT SHALL BE MOUNTED ON A 4" HIGH 			
	3 - THREE WAY (20A, 120/277V) 4 - FOUR WAY (20A, 120/277V)	A L	POTENTIAL TRANSFORMER	11. PROVIDE AS-BUILT DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ACCURATE CONDUIT AND DEVICE LOCATIONS DIMENSIONED FROM PERMANENT	CONCRETE PAD.			
	K - KEY OPERATED (20A, 120/277V) P - PILOT LIGHT (20A, 120/277V)	\uparrow	GROUNDING ELECTRODE	LANDMARKS SUCH AS BUILDING WALLS.	32. INSTALL TRANSFORMER FOLLOWING MANUFACTURER'S RECOMMENDATIONS FOR VENTILATION CLEARANCES.			
	R - REMOTE CONTROL SWITCH (20A, 120/277V) M - MOTOR STARTING SWITCH (20A, 120/277V) T - TIMER SWITCH (0-60 MIN.)	—	POWER METER	12. DO NOT SCALE ELECTRICAL DRAWINGS. VERIFY EXACT LOCATION OF ALL DEVICES, JUNCTION BOXES, LIGHTING FIXTURES, WITH ARCHITECTURAL AND	33. COORDINATE ELECTRICAL REQUIREMENTS FOR PLUMBING AND MECHANICAL			
	(20A, 120/277V)		MOTOR	INTERIOR DESIGN DRAWINGS PRIOR TO INSTALLATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL EQUIPMENT AND OTHER	EQUIPMENT WITH FINAL CONTRACTOR SELECTION. THE CONTRACTOR SHALL SIZE DISCONNECTS BASED UPON CIRCUIT BREAKER RATINGS AND PROVIDE	STANDARD	ABBREVIATIONS	
OS	OCCUPANCY SENSOR - CEILING	/ G /	GENERATOR	EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ROUGH-IN. EVERY OUTLET HEIGHT SHALL BE VERIFIED ON EACH WALL WITH THE INTERIOR	FUSING AS REQUIRED PER EQUIPMENT MANUFACTURER RECOMMENDATIONS AND U.L. LISTING REQUIREMENTS.		- A -	- N -
HOS D	OCCUPANCY SENSOR - WALL MOUNTED	(ST)	SHUNT TRIP	PLANNING AND DESIGN DRAWINGS. COORDINATE WITH CABINET SHOP DRAWINGS TO ENSURE PROPER HEIGHT AND LOCATION WITH RESPECT TO	34. PROVIDE 10 AWG CONDUCTORS FOR 20 AMPERE, 120V BRANCH CIRCUITS		MPERE BOVE FINISHED FLOOR	NC NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE
	OCCUPANCY SENSOR w/DIMMER- WALL MOUNTED	(GFI)	GROUND FAULT INTERRUPT	MILLWORK, EQUIPMENT.	LONGER THAN 75' AND 8 AWG CONDUCTORS FOR 20 AMPERE, 120V BRANCH CIRCUITS LONGER THAN 120'. PROVIDE 10 AWG CONDUCTORS FOR 20 AMPERE,	AMP FU	RC FAULT, JSE	NECA NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION
	LIGHTING CONTACTOR		TRANSFER SWITCH	13. THESE DRAWINGS INDICATE THE FINISHED REQUIREMENTS FOR THE ELECTRICAL SYSTEMS, EQUIPMENT, LIGHTING FIXTURES, OUTLETS AND	277V BRANCH CIRCUITS LONGER THAN 200'.	AIC AI	BOVE FINISHED GRADE MPERE INTERRUPTING CAPACITY	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATIO
(PC)	PHOTOCELL		CONTACT (NORMALLY OPEN)	DEVICES. DUE TO STRUCTURAL CONDITIONS, MECHANICAL DUCT, PIPING CONFLICTS, OR OTHER LEGITIMATE REASONS, THE CONTRACTOR MAY DESIRE	35. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE ARC FLASH ANALYSIS AND APPLYING ALL REQUIRED LABELING AT THE PROJECT	ARCH'L AI	LUMINUM RCHITECTURAL AS AMP SWITCH	NEUT NEUTRAL NFC NATIONAL FIRE CODE
PP	LIGHTING CONTROL POWER PACK		CONTACT (NORMALLY CLOSED)	TO INSTALL THE WORK INDICATED IN A MANNER DIFFERENT FROM THAT SHOWN. SUCH CHANGES SHALL BE PRESENTED TO THE OWNER'S	CLOSE-OUT. THE EEOR SHALL REVIEW ALL LABELS PRIOR TO BEING APPLIED TO ANY EQUIPMENT. THE CONTRACTOR SHALL HAVE THE OPTION TO ENGAGE IDS		MERICAN WIRE GAUGE	NF NON-FUSIBLE NIC NOT IN CONTRACT
			TIME SWITCH	REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING. UPON APPROVAL, THE WORK SHALL BE PERFORMED AND THE AS-BUILT DRAWINGS SHALL BE REVISED TO ACCURATELY REFLECT THE WORK AS ACTUALLY	GROUP UNDER A SEPARATE CONTRACT BETWEEN THE CONTRACTOR AND IDS GROUP, OR AN INDEPENDENT LICENSED ENGINEER NOT ASSOCIATED WITH THIS PROJECT.		ARE COPPER JILDING BLDG	NO NORMALLY OPEN NTS NOT TO SCALE
POWER		↓ 	CONTROL SWITCH	INSTALLED.			- C - ONDUIT ABINET	- O - OCP OVERCURRENT PROTECTION
φ	SINGLE RECEPTACLE, NEMA 5-20R, 20A, 125V	<u> </u>	PUSH BUTTON	14. RACEWAY SYSTEMS ARE SHOWN DIAGRAMMATICALLY. ACTUAL LOCATION AND ROUTING SHALL BE DETERMINED BY CONTRACTOR TO SUIT FIELD CONDITIONS.	APPLICABLE CODES	CAT C/	ATALOG/CATEGORY IRCUIT BREAKER	- P - P POLE
Φ	DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V			15. PROVIDE DEDICATED NEUTRAL FOR EACH NEW CIRCUIT. HOME RUN	2019 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	CKT CI	RCUIT	PH PHASE PNL PANEL PV PV PHOTOVOLTAIC
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V	WIRING		CONDUCTORS MAY BE COMBINED INTO ONE CONDUIT. NO RACEWAY OR CABLE SHALL CONTAIN MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS.	2019 CALIFORNIA BUILDING CODE (CBC)	CO CO	ONDUIT ONLY OMM COMMUNICATION	PVC POLYVINYL CHLORIDE PWR POWER
+	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V		CONDUIT ROUTED UNDERFLOOR / UNDERGROUND	WHERE MULTIPLE CONDUCTORS IN EXCESS OF THREE (3) ARE INDICATED ON THESE DRAWINGS, THEY HAVE BEEN DERATED AS REQUIRED BY NEC ARTICLE	PART 2, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	CU CO	OPPER - D -	- Q - QTY QUANTITY
Ψ	DUPLEX RECEPTACLE / HALF-SWITCHED		RACEWAY W/#12 CONDUCTORS UNO	310 REQUIREMENTS.	2019 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)		EMOLITION/DEMOLISH ISCONNECT	- R - (R) REMOVE
Ψ	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - VERIFY MOUNTING HEIGHT			16. PLASTIC CABLE TIES SHALL NOT BE USED AS A MEANS OF SUPPORT FOR MC CABLE. USE ONLY APPROVED CABLE SUPPORTS PER CABLE MANUFACTURER'S	2019 CALIFORNIA MECHANICAL CODE (CMC) DART 4, TITLE 24, CALIFORNIA CODE OF RECUILATIONS (CCR)	DN DO	OWN RAWING	(RL) RELOCATED RECEP RECEPTACLE
μ	GFCI RECEPTACLE, ABOVE COUNTER			INSTALLATION REQUIREMENTS.	 PART 4, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) 2019 CALIFORNIA PLUMBING CODE (CPC) 		- E - ACH	REQ'D REQUIRED RSC RIGID STEEL CONDUIT
P	SPECIAL PURPOSE OUTLET (TYPE AS NOTED)		HOMERUN TO PANELBOARD 1/2"C W/3#12 CONDUCTORS UNO	MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG U.N.O. TYPICAL. POWER	2019 CALIFORNIA PLOMBING CODE (CPC) PART 5, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	ELEV EL		- S - SCHED SCHEDULE
\square	DUPLEX RECEPTACLE NEMA 5-20R, 20A, 125V - FLUSH MOUNT CEILING		CONDUIT CAP-OFF	RELATED CONDUITS SHALL HAVE A CODE SIZE GROUND WIRE INSTALLED IN EACH RUN.	• 2019 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	EMT EL	MERGENCY LECTRICAL METALLIC TUBING	SECT SECTION SP SINGLE POLE SN SOLID NEUTRAL
	FLOOR OUTLET w/ DEVICE AS INDICATED	MISCELLAN		18. CONTRACTOR SHALL PROVIDE PULL CORDS IN ALL EMPTY CONDUITS. WHERE MORE THAN ONE CONDUIT TERMINATES IN A JUNCTION BOX, THE CONTRACTOR	 2019 CALIFORNIA FIRE CODE (CFC) 		QUIPMENT KISTING TO REMAIN - F -	SPEC SPECIFICATION SW SWITCH
	COMBINATION FLOOR OUTLET w/ DEVICES AS INDICATED		MECHANICAL EQUIPMENT TAG	SHALL IDENTIFY EACH CONDUIT AND JUNCTION BOX IN A MANNER ALLOWING IDENTIFICATION AFTER WALL FINISHES HAVE BEEN APPLIED.	PART 9, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	FF FIN	RNISHED BY OTHERS	SWBD SWITCHBOARD SWGR SWITCH GEAR
	JUNCTION BOX			19. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECT SIZE AND INSTALLATION	2019 CALIFORNIA GREEN BUILDING CODE (CGBC) PART 11, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	FLEX FL	(TURE EXIBLE METALLIC CONDUIT(STEEL)	SYS SYSTEM - T -
H(J)		# SHEET	DIAGRAM TAG	OF OUTLET, PULL AND JUNCTION BOXES IN ACCORDANCE WITH NEC 314-16. BOXES SHALL BE MINIMUM 4" SQUARE BY 1-1/2" DEEP OR AS INDICATED ON THE			UORESCENT ET OR FOOT	- I - TEMP TEMPORARY TELE TELEPHONE
	JUNCTION BOX - FLUSH FLOOR MOUNT			DRAWINGS. BOXES SHALL BE RECESSED WITH COVER PLATE TO SUIT THE INTENDED APPLICATION.			- G - ROUND FAULT ALARM ROUND FAULT CIRCUIT	T-STAT THERMOSTAT TTB TELEPHONE TERMINAL
	MULTI-OUTLET SURFACE RACEWAY w/ NEMA 5-20R, 20A, 125V AT 12" ON CENTER., U.N.O.		KEYNOTE SYMBOLS	20. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN(S) FOR EXACT		IN	ROUND FAULT CIRCUIT FERRUPTER ROUND	BACKBOARD TTB TELEPHONE TERMINAL CABINI
PB	PULLBOX - EXTERIOR OR INTERIOR AS INDICATED			LOCATION OF CEILING MOUNTED LIGHTING FIXTURES. ARCHITECTURAL DRAWINGS SHALL GOVERN IN CASE OF CONFLICT WITH THESE			- H - DRSEPOWER	TYP. TYPICAL
	LIGHTING AND APPLIANCE PANELBOARD - SURFACE MOUNT	XXX (XXXX)	FEEDER SCHEDULED EQUIPMENT ELECTRICAL EQUIPMENT TAG	DRAWINGS.PRIOR TO INSTALLATION, CONTRACTOR SHALL REVIEW THE COMPLETE SET OF CONSTRUCTION DOCUMENTS FOR CONFLICTS WITH OTHER TRADES, CONTRACTOR SHALL BE DESPONSIBLE TO COORDINATE WORK WITH		HVAC HE	ATING, VENTILATING & AIR ONDITIONING	- U - UBC UNIFORM BUILDING CODE UL UNDERWRITERS LABORATORY
	LIGHTING AND APPLIANCE PANELBOARD - FLUSH MOUNT	$\langle x x x x \rangle$	LIGHT FIXTURE TAG	TRADES. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WORK WITH OTHER TRADES TO AVOID CONFLICT DURING INSTALLATION. CONTRACTOR SHALL MAKE MINOR AD JUSTMENTS IN FOURIPMENT LOCATION AND ROUTING AS		-	- I - TERNATIONAL BUILDING CODE	U.N.O. UNLESS NOTED OTHERWISE - V -
	SWITCHBOARD OR DISTRIBUTION BOARD			SHALL MAKE MINOR ADJUSTMENTS IN EQUIPMENT LOCATION AND ROUTING AS NECESSARY.		IN INC	TERMEDIATE METAL CONDUIT CH(ES)	V VOLT OR VOLTAGE VA VOLT AMPERE
ATS	AUTOMATIC TRANSFER SWITCH			21. CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY CUT AND PATCH EXISTING CONSTRUCTION AS REQUIRED TO INSTALL NEW ELECTRICAL WORK			IERNATIONAL RESIDENTIAL CODE IORT CIRCUIT AMPERES - J -	VDVOLTAGE DROPVPVAPOR PROOF
	METER SERVICE PEDESTAL			PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP AND FINISH AS THE EXISTING WORK AND SHALL ACCURATELY MATCH SURROUNDING WORK TO		JB, J-BOX JU	NCTION BOX - K -	- W - W WATT, WIRE
				THE EXISTING WORK AND SHALL ACCORATELY MATCH SURROUNDING WORK TO THE SATISFACTION OF THE ARCHITECT.		KVA KIL	IOUSAND CIRCULAR MILS LOVOLT AMPERE	WCR WITHSTAND CURRENT RATING
	PUSH BUTTON CONTROL STATION			22. ELECTRICAL EQUIPMENT SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS TO ACCOMMODATE QUANTITY AND SIZE OF CONDUCTORS REQUIRED.			-OWATT - L -	WP WEATHERPROOF, NEMA 3R - X -
	NON-FUSED DISCONNECT SWITCH			CONTRACTORS SHALL PROVIDE EQUIPMENT WITH OVERSIZED ENCLOSURES WHERE REQUIRED.			HTING - M -	XFMR TRANSFORMER
Ē	FUSED DISCONNECT SWITCH			23. NEW PANELBOARDS AND SWITCHBOARDS SHALL BE OF THE SAME		MCB MAIN	IMUM N CIRCUIT BREAKER HANICAL	
	MOTOR CONTROLLER OR STARTER			MANUFACTURER AND HAVE LOCKING DOORS AND BE KEYED THE SAME U.N.O.		MIN. MINI	MUM N LUGS ONLY	
	COMBINATION CONTROLLER/DISCONNECT SWITCH						INTED	



	MOUNTING FLOOR NEMA 3R NO FEED THRU NO	1	DOUBLE LUG 200% I/G BUS	6 <u>NO</u>	Volts: Phases: Wires:	480Y/277\ 3	L "MD	P				MAIN 500 A BUS 1200 A A.I.C. 42,000	
N L C O O I T A R E D C S S				A	в	с	A	в	c		T		
	DESCRIPTION	TRIP AMPS	POLES	Â						POLE	TRIP S AMPS	DESCRIPTION	
	AC-7 (1-1/2HP)	40	3	831	831		443	443		3	30	AC-3 (3/4HP)	
	AC-21 (1-1/2HP)	40	3	831	831	831	443	443	443	3	30	AC-6 (3/4HP)	
M P				10646		831	443		443	_			
P 5 P	PC XFMR	70	3	18201	11824	11230	443	443	443	3	30	AC-10 (3/4HP)	
○ <mark>P</mark> 7 P	PANEL LPA	150	3	10201	18280	17863		443	443	3	30	AC-11 (3/4HP)	5
P P 9	T-2 XFMR (PANEL PPA)	225	3	51336	34889	52076	443	443	443	3	30	AC-14 (3/4HP)	
011						02010	443	443		3	30	AC-17 (3/4HP)	
				-			443	443	443	3	30	AC-18 (1/2HP)	
		-					443	443	443			//orio(//2/#/)	
	MAIN	500	3	81845	66655	82831	3546	443 3546	443 3546	3	30	AC-20 (3/4HP)	
		TOTAL LO	AD DEMAND	6	ØA 5155	Q	0B 965	Q	0C 141	-	81%	PERCENT BALANCE	
	LOAD CLASSIFICATION		MAND AMPS	IECTED LO		252 DE	MAND FAC	311 CTOR		STIMATED	DEMAND	PANEL LOAD	S
	CONTINUOUS LOAD KITCHEN EQUIPMENT LOAD LIGHTING LOAD	= к		0 0 0			125% 100% 125%			0 0 0		TOTAL CONN. LOAD (VA): TOTAL EST. DEMAND (VA):	
	MOTOR LOAD NON-CONTINUOUS LOAD	= M = N		14293.2 0		11800.2 (@100% /24 100%	493 @125%		1491 0		TOTAL CONN. (AMPS): TOTAL EST. DEMAND (AMPS):	
PANEL SCHE	PANEL LOAD			226345 0			100% 100%			22634 0	5		
	DE LOCK-OFF DEVICE. IT BREAKER CONTROLLED BY . SYSTEM. REFER TO HOOD YSTEM INTERLOCK DIAGRAM.		~	PROVIDE	A RED CIRC A NEW BRE ING TYPE AN N PANEL	AKER	KER.	8 PROVID CLOCK LIGHTI	WITH RE	CELL AN	D TIME CLO EXTERIOR ER TO EXTE RAM.		THROU
													LOA
	MOUNTING SURFACE NEMA 3R NO	DOU	BLE LUG <u>NC</u> 200% <u>NC</u>) P	P/ Volts: <u>480</u> Phases: <u>3</u>	ANEL '	'LPA"					MAIN <u>MLO</u> BUS <u>225 A</u>	LO
N L C		DOU) P	Volts: 480		'LPA"						LO
	NEMA 3R NO FEED THRU NO	TRIP	200% NC) P	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u>		'LPA"	в	c	POLES	TRIP	A.I.C. <u>18,000</u>	LO
$ \begin{array}{c c} 0 & 0 & 1 \\ T & A & R \\ E & D & C \\ S & S \\ \hline \hline & L & 1 \\ \hline & L & 3 \\ \end{array} $	NEMA 3R NO FEED THRU NO DESCRIPTION A ROOM 59 AND 65 ROOM 61 AND 63	TRIP AMPS 20A 20A	200% NG I/G BUS NG	A 2140	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868	c	A 1121	1044		POLES 1	AMPS 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS	
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$ \begin{array}{c ccccc} 0 & 0 & 1 \\ T & A & R \\ E & D & C \\ S & S \\ \hline $	NEMA 3R NO FEED THRU NO DESCRIP TION A ROOM 59 AND 65 A ROOM 61 AND 63 A ROOM 56 AND 52 A ROOM 50 AND 58 A ROOM 39 AND 35 A ROOM 26, 28, 30, AND 32 A EXTERIOR LTG A	TRIP AMPS 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1	A 2140 1800 900	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 21 22	Y/277V C	A 1121 2400	1044 2570		POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A 20A 20A 20A 20A 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK	
$ \begin{array}{c ccccc} 0 & 0 & 1 \\ T & A & R \\ E & D & C \\ S & S \\ \hline & L & 1 \\ \hline & L & 3 \\ \hline & L & 5 \\ \hline & L & 5 \\ \hline & L & 7 \\ \hline & L & 9 \\ \hline & L & 11 \\ \hline & L & 13 \\ \hline & L & 15 \\ \hline & L & 17 \\ \hline \end{array} $	NEMA 3R NO FEED THRU NO DESCRIP TION A ROOM 59 AND 65 A ROOM 61 AND 63 A ROOM 56 AND 52 A ROOM 50 AND 58 A ROOM 26, 28, 30, AND 32 A EXTERIOR LTG A WALKWAY LTG A	TRIP AMPS 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 2140 1800 900	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825	Y/277V C	A 1121 2400 2400	1044 2570 2400	2400	POLES 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A 20A 20A 20A 20A 20A 20A 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 54 ROOM 53 AND 54 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK	
0 0 1 T A R E D C S S L 1 L 3 C L 5 C L 7 C L 9 C L 11 C L 13 C L 13 C L 15	NEMA 3R NO FEED THRU NO DESCRIP TION A ROOM 59 AND 65 A ROOM 61 AND 63 A ROOM 56 AND 52 A ROOM 50 AND 58 A ROOM 39 AND 35 A ROOM 26, 28, 30, AND 32 A EXTERIOR LTG A	TRIP AMPS 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 2140 1800 900 500	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 825 4 500	Y/277V C	A 1121 2400	1044 2570 2400 500	2400	1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A 20A 20A 20A 20A 20A 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK	
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$\begin{array}{c cccc} O & O & I \\ T & A & R \\ E & D & C \\ S & S \\ \hline & L & 1 \\ \hline & L & 3 \\ \hline & L & 5 \\ \hline & L & 5 \\ \hline & L & 7 \\ \hline & L & 9 \\ \hline & L & 11 \\ \hline & L & 13 \\ \hline & L & 13 \\ \hline & L & 15 \\ \hline & L & 17 \\ \hline & N & 19 \\ \hline & N & 21 \\ \hline & N & 21 \\ \hline & N & 23 \\ \hline & N & 25 \\ \hline & N & 25 \\ \hline & N & 27 \\ \hline & N & 29 \\ \hline & N & 31 \\ \hline \end{array}$	NEMA 3R NO FEED THRU NO DESCRIP TION A ROOM 59 AND 65 A ROOM 59 AND 63 A ROOM 56 AND 52 A ROOM 50 AND 58 A ROOM 26, 28, 30, AND 32 A EXTERIOR LTG A WALKWAY LTG SPARE SPARE SPARE SPARE SPARE	TRIP AMPS 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 2140 2140 2140 300 500 500 500 500 500	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 2 825 4 500 5 500 5	Y/277V C	A 1121 2400 2400 2400	1044 2570 2570 2400 500 500	2400	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A 20A 20A 20A 20A 20A 20A 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK EMERGENCY BATTERY SPARE SPARE SPARE	
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O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 L 17 L 17 N 19 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35	NEMA 3R NO FEED THRU NO DESCRIPTION A ROOM 59 AND 65 A ROOM 59 AND 63 A ROOM 56 AND 52 A ROOM 50 AND 58 A ROOM 26, 28, 30, AND 32 A EXTERIOR LTG A WALKWAY LTG A SPARE A	TRIP AMPS 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 2140 2140 1800 900 500 500 500 500 500 500 1 50 1 5 500 1 50 500 1 50 1 500 1 50 1 500 1 50 1 50 1 1	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 400 500 500 500 500 500	A 1121 2400 2400 2400 1000 1000 1000 1000	1044	2400 1570 2400 500 500 500	1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A 20A 20A 20A 20A 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 53 AND 54 ROOM 53 AND 54 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	
O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 N 19 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35 N 39	NEMA 3R NO FEED THRU NO DESCRIPTION / ROOM 59 AND 65 ROOM 59 AND 65 ROOM 50 AND 52 ROOM 50 AND 58 ROOM 39 AND 35 ROOM 26, 28, 30, AND 32 EXTERIOR LTG EXTERIOR LTG EXTERIOR LTG SPARE	TRIP AMPS 20A 20A <td< td=""><td>200% NC</td><td>A 2140 2140 2140 300 500 500 500 500 500 500 50</td><td>Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5</td><td>Y/277V C 920 400 500 500 500 500 500 500 500 500 50</td><td>A 1121 2400 2400 2400 1000 1000 1000 1000</td><td>1044 / · · · · · · · · · · · · · · · · · ·</td><td>2400 1570 2400 500 500 500</td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>AMPS 20A 20A </td><td>A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE</td><td></td></td<>	200% NC	A 2140 2140 2140 300 500 500 500 500 500 500 50	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 400 500 500 500 500 500 500 500 500 50	A 1121 2400 2400 2400 1000 1000 1000 1000	1044 / · · · · · · · · · · · · · · · · · ·	2400 1570 2400 500 500 500	1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE	
O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 L 17 L 17 L 17 N 19 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35 N 35 N 37 N 39 N 41	NEMA 3R NO FEED THRU NO DESCRIPTION / ROOM 59 AND 65 ROOM 59 AND 65 ROOM 50 AND 52 ROOM 50 AND 58 ROOM 39 AND 35 ROOM 26, 28, 30, AND 32 EXTERIOR LTG EXTERIOR LTG EXTERIOR LTG SPARE	TRIP AMPS 20A 20A <td< td=""><td>200% NC</td><td>A 2140 2140 2140 1800 900 500 500 500 500 500 500 5</td><td>Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5</td><td>Y/277V C 920 400 500 500 500 500 500 500 500 500 50</td><td>A 1121 2400 2400 2400 1000 1000 1000 1000</td><td>1044</td><td>2400 1570 2400 500 500 500 500 8370</td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>AMPS 20A 20A</td><td>A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE</td><td></td></td<>	200% NC	A 2140 2140 2140 1800 900 500 500 500 500 500 500 5	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 400 500 500 500 500 500 500 500 500 50	A 1121 2400 2400 2400 1000 1000 1000 1000	1044	2400 1570 2400 500 500 500 500 8370	1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE	
O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 N 19 N 21 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35 N 37 N 39 N 41	NEMA 3R NO FEED THRU NO DES CRIP TION // ROOM 59 AND 65 // ROOM 59 AND 63 // ROOM 56 AND 52 / ROOM 50 AND 58 / ROOM 50 AND 58 / ROOM 50 AND 58 / ROOM 26, 28, 30, AND 32 / EXTERIOR LTG / WALKWAY LTG / SPARE /	TRIP 20A	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 2140 2140 2140 2140 2140 2140 2140 2140	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 400 500 500 500 500 500 500 500 500 50	A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500	1044	2400 1570 2400 500 500 500 500 8370	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE SP	45
O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 L 13 L 15 L 17 N 19 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35 N 35 N 37 N 39 N 41	NEMA 3R NO FEED THRU NO DES CRIP TION / ROOM 59 AND 65 ROOM 59 AND 65 ROOM 56 AND 52 ROOM 56 AND 52 ROOM 50 AND 58 ROOM 39 AND 35 ROOM 26, 28, 30, AND 32 EXTERIOR LTG EXTERIOR LTG EXTERIOR LTG SPARE	TRIP AMPS 20A 20A <td< td=""><td>200% NG I/G BUS NG POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>2 P 2 A 2140 2 2140 2 1800 2 900 2 900 2 900 2 900 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 6840 2 ØA 18201 66840 2 ØA 18201 66840 2 ØO 2 75 3 900 3</td><td>Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5</td><td>Y/277V C 920 400 500 500 500 500 500 500 500 500 50</td><td>A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500</td><td>1044</td><td>2400 1570 2400 500 500 500 500 8370</td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>AMPS 20A 20A</td><td>A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE</td><td>45</td></td<>	200% NG I/G BUS NG POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 P 2 A 2140 2 2140 2 1800 2 900 2 900 2 900 2 900 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 6840 2 ØA 18201 66840 2 ØA 18201 66840 2 ØO 2 75 3 900 3	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 400 500 500 500 500 500 500 500 500 50	A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500	1044	2400 1570 2400 500 500 500 500 8370	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE	45
O O I T A R E D C S S L 1 L 3 L 5 L 7 L 9 L 11 L 13 L 15 L 17 N 19 N 21 N 23 N 25 N 27 N 29 N 31 N 33 N 35 N 35 N 37 N 39 N 41 PANEL SCHEDULE 1 PROVIDE L	NEMA 3R NO FEED THRU NO DESCRIP TION // ROOM 59 AND 65 / ROOM 66 AND 63 / ROOM 50 AND 58 / ROOM 26, 28, 30, AND 32 / EXTERIOR LTG / WALKWAY LTG / SPARE / SPA	TRIP AMPS 20A 20A <td< td=""><td>200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>2 P A 2 2140 2 2140 2 1800 2 900 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 6640 2 6640 2 6640 2 75 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 <td>Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5</td><td>Y/277V C 920 920 400 500 500 500 500 500 500 500 500 50</td><td>A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500</td><td>1044 2570 2570 2570 2400 500 50 500 </td><td>2400 1570 2400 500 500 500 500 500 500 500</td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>AMPS 20A 20A 20A 20A 20A 20A 20A 20A 20A 20A</td><td>A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE SP</td><td></td></td></td<>	200% NC I/G BUS NC POLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 P A 2 2140 2 2140 2 1800 2 900 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 500 2 6640 2 6640 2 6640 2 75 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 600 3 <td>Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5</td> <td>Y/277V C 920 920 400 500 500 500 500 500 500 500 500 50</td> <td>A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500</td> <td>1044 2570 2570 2570 2400 500 50 500 </td> <td>2400 1570 2400 500 500 500 500 500 500 500</td> <td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>AMPS 20A 20A 20A 20A 20A 20A 20A 20A 20A 20A</td> <td>A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE SP</td> <td></td>	Volts: <u>480</u> Phases: <u>3</u> Wires: <u>4</u> B 1868 11 2717 2 825 4 500 5 500 5 500 5 500 5 500 5 500 5 500 5 500 5	Y/277V C 920 920 400 500 500 500 500 500 500 500 500 50	A 1121 2400 2400 2400 2400 500 500 500 500 500 500 500	1044 2570 2570 2570 2400 500 50 500 500	2400 1570 2400 500 500 500 500 500 500 500	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMPS 20A	A.I.C. <u>18,000</u> DESCRIPTION CORRIDORS CORRIDORS ROOM 55 AND 57 ROOM 55 AND 57 ROOM 53 AND 54 ROOM 8, 12, 19, 21, 3 ROOM 10, 23, 7, 9, 15 DIMMER RACK DIMMER RACK DIMMER RACK DIMMER RACK BMERGENCY BATTERY SPARE SP	



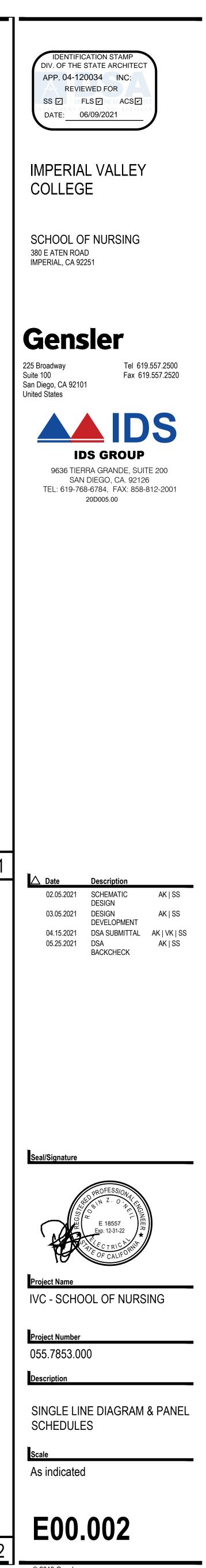


LOAD CALCULATIONS	3
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						-		PANE	L "PPA	"					
			MOUNTING SURFACE NEMA 3R NO FEED THRU NO	D	OUBLE LUG 200% I/G BUS	NO	Volts: Phases: Wires:	208Y/120\ 3						MAIN MLO BUS 600 A A.I.C. 10,000	
T E	L O A D S	C I R C	DESCRIPTION	TRIP	POLES	A	в	с	А	в	с	POLES	TRIP AMPS	DESCRIPTION	C L N I O O R A T C D E S S
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0	М	3	DOOR OPENER EAST	20	1		200			200		1	20	DOOR OPENER SOUTH	4 M C
0	L	5	ASSEMBLY ROOM DIMMER RACK	100	2	9600		9600	720		500	1	20 20	SPARE RECPT RM 73 75	6 N 8 R
\bigcirc	R	9	A C TIME CLOCK	20	1			1		1000		1	20	HAND DRY ER	10 M C
X	-	11	RECPT RM 63 65	20	1			900			1000	1	20	HAND DRY ER	12 M O
\geq	-		RECPT RM 63 65	20	1	720			500			1	20	FIREALARM	14 R 🔾
<u> </u>	_	15	RECPT RM 50 52	20	1		360			720		1	20	RECPT RM 50	16 R 🔿
\sim	-	17	RECPT RM 52	20	1	-		720			720	1	20	RECPT RM 50	18 R 🔾
\times	_	19	RECPT RM 52	20	1	720	-		900	1		1	20	RECPT RM 35 37 39	20 R 🔿
X	-	21	RECPT RM 31B (M/O ASSMBLY)	20	1		900			900		1	20	RECPT RM 35 37 39	22 R 🔾
	-	23						5991			900	1	20	RECPT RM 35 37 39	24 R 🔿
		25	PANEL PPF	125	3	3708			720			1	20	RECPT RM 35	26 R 🔿
		27					3851	-		540	-	1	20	RECPT RM 35	28 R C
	-	29	RECPT ROOF	20	1			900			900	1	20	RECPT ROOF	30 R C
~	_	31	EXHAUST FAN 4 AND 5	20	1	400			8639						32 P
~		33	REFRIGERATOR	20	1	100	500			8926		3	100	PANEL PPB	34 P
<u></u>	_	35	BUILDING CLOCKS	20	1	-		250	1		7486				36 P
_	_	37				6490			15460	-					38 P
0	Ρ	39 41	PANEL PPD	175	3		6850	7240		10199	13253	3	150	PANEL PPC	40 P 42 P
-	-				-	22338	12661	25601	26969	22485	24759				1-1.1
							ØA.		ØB	Ø					
					D DEMAND:	51	336	34	889	520	076	1	67%	PERCENT BALANCE	
-	-	_	LOAD CLASSIFICATION	TOTAL DEM	MAND AMPS:	427 CTED LO		291	A MAND FAC	434		IMATED DE		PANEL LOADS	
			CONTINUOUS LOAD	- 0	CONNE		HU		125%	IUR	ESI	0	IVIAIND	PANEL LOADS	
	-		KITCHEN EQUIPMENT LOAD			0	-		100%		-	0		TOTAL CONN. LOAD (VA):	134813
÷	_					0		-							
_			LIGHTING LOAD			9930		1000 @	125%	0.@1050/		24913	_	TOTAL EST. DEMAND (VA):	138301 374
-	_		MOTOR LOAD			2800		1000 @	100% /100	0@125%		3050		TOTAL CONN. (AMPS):	
			NON-CONTINUOUS LOAD			500			100%		-	500 98093		TOTAL EST. DEMAND (AMPS):	384
1			PANEL LOAD RECEPTACLE LOAD			8093		-	87%			11745			
(123	PRO PRO CIRC ANSI	EDULE NOTES: MDE LOCK-ON DEVICE. MDE LOCK-OFF DEVICE. CUIT BREAKER CONTROLLED BY JL SYSTEM. REFER TO HOOD SYSTEM INTERLOCK DIAGRAM.	<u>- R</u>	(4) (5) (6)	PROVIDE PROVIDE AS INDICA	GFCI TYPE A RED CIRC CIRCUIT BI ATED TO MA TYPE AND	CUIT BREA REAKER ATCH		FOR HV FOR HV	AC EQUIP E PHOTO WITH REL NG CONTR	TYPE CIRCI MENT. CELL AND T AYS FOR E)	IME CLOCK KTERIOR TO EXTERIO	CONDUCTORS AND REMOVE	ICH CIR(EXISTING ITE EXISTING

EXISTING SINGLE LINE DIAGRAM

MDP	
LPA	PPA



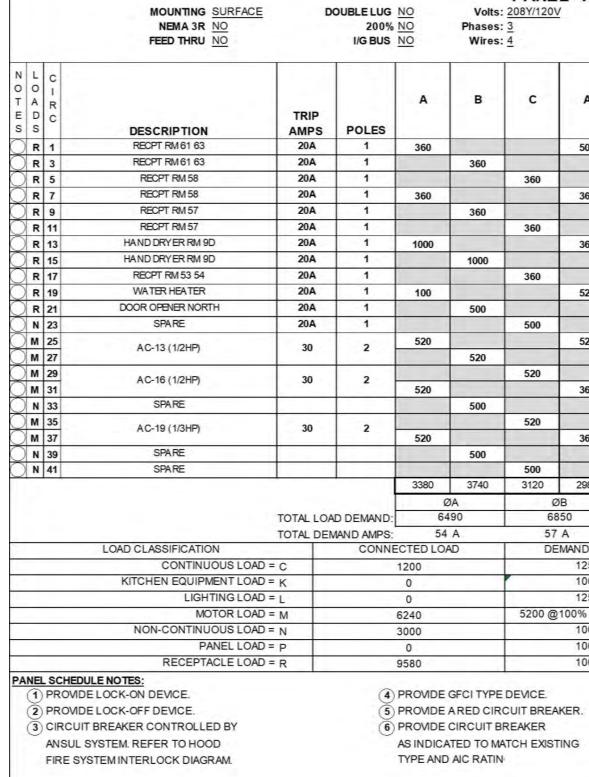
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						PANE	L "PC							
	MOUNTING SURFACE NEMA 3R NO FEED THRU NO	D	OUBLE LUG 200% I/G BUS	NO	Volts: Phases: Wires:	208Y/120V 3						MAIN 175 A BUS 225 A A.I.C. 10,000		
L C I R D C S	DESCRIPTION	TRIP	POLES	A	в	с	A	в	с	POLES	TRIP AMPS	DESCRIPTION	C I R C	A
R 1	RECPT RM 65	20A	1	500			500			1	20A	RECPT RM 58	2	R
R 3	RECPT RM 56	20A	1		500			500		1	20A	RECPT RM 58	4	-
R 5	RECPT RM 56	20A	1			500			500	1	20A	RECPT RM 55	6	R
R 7	RECPT RM 56	20A	1	500			500			1	20A	RECPT RM 55	8	
R 9	RECPT RM 56	20A	1		500			720		1	20A	STORA GE 2154 MO OUTLETS		R
R 11	RECPT RM 58	20A	1			500			500	1	20A	STUDENT LAB 2155		2 R
R 13	RECPT RM 58	20A	1	500			500			1	20A	STUDENT LAB 2155		R
R 15	RECPT RM 58	20A	1		500			500		1	20A	STUDENT LAB 2155		R
R 17	SPARE	20A	1			0			500	1	20A	RECPT RM 50		B R
R 19	RECPT RM 52	20A	1	180			500		-	1	20A	RECPT RM 50	20	
R 21	RECPT RM 52	20A	1		500			500		1	20A	RECPT RM 50	22	
R 23	RECPT RM 52	20A	1			500			500	1	20A	RECPT RM 39	24	
R 25	RECPT RM 52	20A	1	500			500			1	20A	RECPT RM 39	26	-
R 27	RECPT RM 37	20A	1		500		-	500		1	20A	SPARE	28	-
R 29	RECPT RM 35	20A	1			500	-		500	1	20A	RECPT RM 25	30	-
R 31	RECPT RM 29	20A	1	500			500			1	20A	RECPT RM 25	32	
R 33	RECPT RM 29	20A	1		500		-	500		1	20A	SPARE		\$ N
N 35	SPARE	20A	1			500			500	1	20A	SPARE	36	_
N 37	SPARE	20A	1	500		-	5462		-					P
N 39	SPARE	20A	1		500		-	6019		3	100A	PANEL PCSP	40) P
N 41	SPARE	20A	1			500			6019				42	2 F
				3180	3500	3000	8462	9239	9019	-				
			-		0A 646		B 824	Ø 112		-	000/	DEDOENT DAL MIGE		
		TOTAL LOA		89	3.95	98	5 N. N	94			90%	PERCENTBALANCE		
	LOAD CLASSIFICATION	TOTAL DEN	AND AMPS:	CTED LO			MAND FAC			IMATED DE	MAND	PANEL LOADS		
	CONTINUOUS LOAD =	c	CONTRE	0	0		125%	TOIL	201	0		THEE EO, DO		_
	KITCHEN EQUIPMENT LOAD =	-		0			100%			0		TOTAL CONN. LOAD (VA):	36400	
	LIGHTING LOAD =			0			125%			0		TOTAL EST. DEMAND (VA):	33700	_
	MOTOR LOAD =	-		0		00	100% /0 @	125%		0		TOTAL CONN. (AMPS):	101	-
	NON-CONTINUOUS LOAD =	1.00		3500			100%			3500		TOTAL EST. DEMAND (AMPS):	94	
	PANEL LOAD =			7500		-	100%			17500				_
	RECEPTACLE LOAD =	R		5400			82%			12700				_
2 PROVIDE L 3 CIRCUIT B	ENOTES: OCK-ON DEVICE. OCK-OFF DEVICE. REAKER CONTROLLED BY STEM. REFER TO HOOD) (5) (6)	PROVIDE PROVIDE	GFCI TYPE A RED CIRO CIRCUIT BI ATED TO MA	CUIT BREA	KER.	FOR HV	AC EQUIP	MENT.	IME CLOCK	R. (9) EXISTING BREAKER (10) CIRCUIT MADE AVAILABLE THR (11) DISCONNECT EXISTING BRAN CONDUCTORS AND REMOVE B	CH CIRCUI	

	MOUNTING SURFACE NEMA 3R NO FEED THRU NO	D	OUBLE LUG 200% I/G BUS	NO	Volts: Phases: Wires:	208Y/120\ 3	L "PPC					MAIN MLO BUS 225 A A.I.C. 10,000	
N L C O I R C I R C S S	DESCRIPTION	TRIP	POLES	A	в	с	A	в	с	POLES	TRIP AMPS	DESCRIPTION	C L N I A T C S S
R 1	RECPT RM 25 31 29	20	1	900			1000			1	20	MOTORIZED SCREEN	2 R
R 3	RECPT RM 25 31 29	20	1		720			900		1	20	RECPT RM 26 28 30	4 R
R 5	RECPT RM 25 31 29	20	1			720			900	1	20	RECPT RM 26 28 30	6 R 🤇
O C 7	HAND DRYER	20	1	1000			900			1	20	RECPT RM 34 32 30 28	8 R
C 9	HAND DRYER	20	1		1000			900		1	20	RECPT RM 19 21 23	10 R 🤇
🔾 R 11	RECPT RM 21A	20	1			1000			720	1	20	RECPT RM 12 20 19 23	12 R
6 R 13	SKILLS LAB 2110 HEADWALL	20	1	720			500			1	20	SKILLS LAB 2110 HEADWALL	14 R 6
R 15	RECPT RM 10	20	1		720			540		1	20	SKILLS LAB 2110 HEADWALL	14 R 6 16 R 6 18 R 6 20 R
M 17	WASHER	20	2	1		1000	1		1000	1	20	SKILLS LAB 2110 HEADWALL	18 R 6
M 19	WASHER	20	2	1000			900			1	20	RECPT RM 6 9 7 5 3	20 R
C 21	HANDICAP BATH	20	1		1000			900		1	20	RECPT RM 3 5 6 7 9	22 R
O R 23	RECPT RM 1	20	1			500			900	1	20	RECPT RM 3 5 6 7 9	24 R
M 25 M 27	AC-1	30	2	1500	1500		1134	1134		2	20	AC-2	26 M (
M 29 M 31	AC-5	30	2	1850		1850	1850		1850	2	20	AC-4	30 M 32 M
M 33	F -3	20	1	1000	100		1000	100		1	20	E -7	34 M
M 35	Gast					1850	-		500	1	20	EF-6	36 M
M 37	AC-9	30	2	1850		1000	500			1	20	SPARE	38 N
N 39	SPARE	20	1	1000	500			500		1	20	SPARE	40 N
N 41	SPARE	20	1	-		500		000	500	1	20	SPARE	42 N
<u></u>	5.20.4			8820	5540	7420	6784	4974	6370				
				0	DA.		B	Ø	2	1			
		TOTAL LOA	D DEMAND:	15			199	132			66%	PERCENT BALANCE	
			AND AMPS:	129	A	85	A	110	A	1			
1	LOAD CLASSIFICATION	1		CTED LOA		DE	MAND FAC			IMATED DE	MAND	PANEL LOADS	
	CONTINUOUS LOAD =	C		3000			125%			3750			
	KITCHEN EQUIPMENT LOAD =	ĸ		0			100%			0		TOTAL CONN. LOAD (VA):	39908
	LIGHTING LOAD =			0		1	125%			0		TOTAL EST. DEMAND (VA):	38913
	MOTOR LOAD =	M	1	9068		15368 @	100% /370	0@125%		19993	-	TOTAL CONN. (AMPS):	111
	NON-CONTINUOUS LOAD =			2500			100%			2500		TOTAL EST. DEMAND (AMPS):	108
	PANEL LOAD =			0			100%			0			
	RECEPTACLE LOAD =	R	1	5340		1	83%			12670			
2 PROVIE 3 CIRCUI ANSUL	ULE NOTES: DE LOCK-ON DEVICE. DE LOCK-OFF DEVICE. IT BREAKER CONTROLLED BY SYSTEM. REFER TO HOOD YSTEM INTERLOCK DIAGRAM.) 6	PROVIDE PROVIDE AS INDICA	CIRCUIT B	CUIT BREA REAKER	KER.	FOR HV FOR HV PROVID CLOCK LIGHTIN	AC EQUIP E PHOTO WITH REL IG CONTR	MENT. CELL AND T AYS FOR E	TIME CLOCK CTERIOR TO EXTERIO	CONDUCTORS AND REMOVE	CH CIRCUIT EXISTING TE EXISTING

1						PANE	L "PPF									
	MOUNTING SURFACE NEMA 3R NO FEED THRU NO	D	OUBLE LUG 200% I/G BUS	NO	Volts: Phases: Wires:	208Y/120V 3						MAIN 125 A BUS 225 A A.I.C. 10,000				
N L C D O I T A R E D C S S	DESCRIPTION	TRIP AMPS	POLES	A	в	с	A	в	с	POLES	TRIP AMPS	DESCRIPTION	C I R C	A		
R 1	CLASSROOM 2181 SEAT RECPT ROW A1, B1	20A	1	540			720			1	20A	CLASSROOM 2181 SEAT RECPT ROW A3, B	2	R		
R 3	CLASSROOM 2181 SEAT RECPT ROW A1, B1	20A	1		540			540		1	20A	CLASSROOM 2181 SEAT RECPT ROW A3, B	4	R		
R 5	CLASSROOM 2181 SEAT RECPT ROW C1, D1	20A	1			540			720	1	20A	CLASSROOM 2181 SEAT RECPT ROW C3, D	6	R		
R 7	CLASSROOM 2181 SEAT RECPT ROW C1, D1	20A	1	540			540			1	20A	CLASSROOM 2181 SEAT RECPT ROW C3, D	8	R		
R 9	CLASSROOM 2181 SEAT RECPT ROW E1, F1	20A	1		540			540		1	20A	CLASSROOM 2181 SEAT RECPT ROW E3, F3	10	R		
R 11	CLASSROOM 2181 SEAT RECPT ROW E1, F1	20A	1			540			540	1	20A	CLASSROOM 2181 SEAT RECPT ROW E3, F3	12	R		
R 13	CLRM 2181 SEAT ROW G1, G3 AND RECPTS	20A	1	1440			1260			1	20A	CLASSROOM 2181 SEAT RECPT ROW A 2, B	14	R		
R 15	CLRM 2181 SEAT ROW G1, G3 AND RECPTS	20A	1		1260			1260		1	20A	CLASSROOM 2181 SEAT RECPT ROW A2, B	16	R		
R 17	CLASSROOM 2181 SEAT RECPT ROW E2, F2	20A	1			1260			1260	1	20A	CLASSROOM 2181 SEAT RECPT ROW C2, D	18	R		
R 19	CLASSROOM 2181 SEAT RECPT ROW E2, F2	20A	1	1260			1260		1.00	1	20A	CLASSROOM 2181 SEAT RECPT ROW C2, D	2 20	R		
N 21	SPARE	20A	1		1.1.1.1					1	20A	SPARE	22	N		
N 23	SPARE	20A	1		1			1		1	20A	SPARE	24	N		
N 25	SPARE	20A	1	112 1 2		-	1.1.1.1.1	-		1	20A	SPARE	26	N		
N 27	SPARE	20A	1		1					1	20A	SPARE	28	8 N		
N 29	SPARE	20A	1							1	20A	SPARE	30	N		
N 31	SPARE	20A	1				-			1	20A	SPARE	32	N		
N 33	SPARE	20A	1				1			1	20A	SPARE	34	N		
N 35	SPARE	20A	1							1	20A	SPARE	36	N		
N 37	SPARE	20A	1	1.1. 1.			1 m 1 m			1	20A	SPARE	38	8 N		
N 39	SPARE	20A	1		1.1.1.1			1		1	20A	SPARE	40	N		
N 41	SPARE	20A	1			1			1	1	20A	SPARE	42	2 N		
				3780	2340	2340	3780	2340	2520							
				1	ØA	Ø	B	Ø	С							
		TOTAL LOA	D DEMAND:		991	37	08	38			62%	PERCENT BALANCE				
		TOTAL DEM	MAND AMPS:		A	31		32								
	LOAD CLASSIFICATION		CONNE	CTED LO	AD	DE	MAND FAC	TOR	EST	IMATED DE	MAND	PANEL LOADS				
	CONTINUOUS LOAD =	•		0			125%			0						
	KITCHEN EQUIPMENT LOAD =			0			100%			0			17100			
	LIGHTING LOAD =			0			125%			0			13550	2		
	MOTOR LOAD =			0		0@	100% /0 @	125%		0		TOTAL CONN. (AMPS):	47			
	NON-CONTINUOUS LOAD =			0			100%		-	0		TOTAL EST. DEMAND (AMPS):	38	÷		
	PANEL LOAD =			0			100%		2	0						
	RECEPTACLE LOAD =	R	1	7100			79%			13550						
1 PR(2 PR(3 CIR ANS	HEDULE NOTES: DVIDE LOCK-ON DEVICE. DVIDE LOCK-OFF DEVICE. CUIT BREAKER CONTROLLED BY SUL SYSTEM. REFER TO HOOD E SYSTEM INTERLOCK DIAGRAM) 6	PROVIDE PROVIDE AS INDIC/	GFCI TYPE A RED CIRC CIRCUIT BI ATED TO MA	CUIT BREA REAKER (TCH		FOR HI	AC EQUIP E PHOTO WITH REL	MENT. CELL AND T AYS FOR EX	IME CLOCK	CONDUCTORS AND REMOVE EXIS	TING	IT		
	E SYSTEM INTERLOCK DIAGRAM.				TYPE AND		Э.	LIGHTIN	IG CONTR		TO EXTERIO		XISTI			

						PANE	L "PPB	"					
	MOUNTING SURFACE NEMA 3R NO FEED THRU NO	D	200% 200% I/G BUS	NO	Volts: Phases: Wires:	208Y/120V 3						MAIN MLO BUS 225 A A.I.C. 10,000	
N L C O O I T A R E D C S S	DESCRIPTION	TRIP	POLES	A	в	с	A	в	с	POLES	TRIP AMPS	DESCRIPTION	C - R C S
0 R 1	LAB MED SURGE 2163 RECPT	20	1	720			1000			1	20	RECPT ELECT RM 61	2 R
0 R 3	LAB MED SURGE 2163 RECPT	20	1		720			1080		1	20	ISOCA RE RM 59	4 R
0 R 5	COMPUTER LAB 2150 RECPT	20	1	-		360			900	1	20	ISOCA RE RM 59	6 R
R 7	COMPUTER LAB 2150 RECPT	20	1	360			720			1	20	RECPT RM 56	8 R
R 9	COMPUTER LAB 2150 RECPT	20	1		1080			840		1	20	RECPT RM 56	10 R
	LAB MED 2163, 2165, STOR 2166 RECPT	20	1			900			500	1	20	RECPT RM 55	12 R
R 13	LAB MED SURGE 2163, 2165 RECPT	20	1	900			540			1	20	RECPT RM 55	14 R
R 15	AIR DRYER	20	1		900	-		540		1	20	RECPT RM 55	16 R
M 17						828			500	1	20	DRINKING FOUNTAIN	18 R
M 19	AC-22 (2HP)	40	3	828			360			1	20	RECPT RM 59	20 R
M 21					828			180		1	20	TEL BKBD	22 R
M 23	AC-19 (1-HP)	30	2			832		1	360	1	20	ER ROOM	24 R
M 25			1	832			360			1	20	ER ROOM	26 R
N 27	SPARE	20	1		500			360		1	20	ER ROOM	28 R
R 29	ER ROOM	20	1			360			360	1	20	ER ROOM	30 R
M 31	AIR COMPRESSOR	30	2	832			720		-	1	20	LAB MED SURGE 2163 HEADWALL	02 11
M 33					832			720		1	20	LAB MED SURGE 2163 HEADWALL	
M 35						576			500	1	20	CONTROL RM 2164 RECPT	36 N
M 37	VACUUM PUMP (1-HP)	20	3	576			500			1	20	CONTROL RM 2164 RECPT	38 N
M 39					576			500		1	20	CONTROL RM 2164 RECPT	40 N
N 41	SPACE	20	1			500			500	1	20	CONTROL RM 2164 RECPT	42 N
			- 21	5048	5436	4356	4200	4220	3620				
					ðA	Ø		Ø					
		TOTAL LOA	L	-	639	89		74		1	84%	PERCENT BALANCE	
		TOTAL DEN			A	74		62					
	LOAD CLASSIFICATION		CONNE	CTEDLO	AD	DE	MAND FAC	IUR	ESI	IMATED DE	MAND	PANEL LOADS	
	CONTINUOUS LOAD =			0			125%			0		TOTAL CONN. LOAD (MA)	20000
	KITCHEN EQUIPMENT LOAD =	14		0			100%			0		TOTAL CONN. LOAD (VA):	26880
	LIGHTING LOAD = MOTOR LOAD =	-		0		5056 @	125%	012504	-	0 8161		TOTAL EST. DEMAND (VA): TOTAL CONN. (AMPS):	25051 75
	NON-CONTINUOUS LOAD =			7540		5056 @	100% /2484	+ @125%		4440		TOTAL EST. DEMAND (AMPS):	70
	PANEL LOAD =		- 4	1440			100%			4440		TOTAL EST. DEMAND (AMPS).	70
	RECEPTACLE LOAD =			0 4900			84%			12450			
1 PROVID 2 PROVID 3 CIRCU ANSUL	DULE NOTES: DE LOCK-ON DEVICE. DE LOCK-OFF DEVICE. IT BREAKER CONTROLLED BY SYSTEM REFER TO HOOD YSTEM INTERLOCK DIAGRAM.		(5) (6)	PROVIDE PROVIDE AS INDIC/	GFCI TYPE A RED CIRC CIRCUIT BF ATED TO MA TYPE AND	CUIT BREAM REAKER	KER.	FOR HV B PROVID CLOCK	AC EQUIP E PHOTO WITH REL	MENT. CELL AND T AYS FOR EX	IME CLOCK	CONDUCTORS AND REMOVE E	CH CIRCUIT



			MOUNTING SURFACE NEMA 3R NO FEED THRU NO	<u> </u>	OUBLELUG 200% I/G BUS	NO	Volt Phase Wire
N O T E S	LOADS	C I R C	DESCRIPTION	TRIP AMPS	POLES	A	в
\bigcirc	R	1	RECPT RM 17	20A	1	500	
\bigcirc	R	3	RECPT RM 17	20A	1		500
\bigcirc	R	5		20A	1	-	
\bigcirc	R	7	RECPT RM 26	20A	1	500	
\mathcal{Q}	R	9		20A	1		500
\bigcirc	R	11	RECPT RM 32	20A	1		
\bigcirc	R	13	RECPT RM 32	20A	1	500	
\bigcirc	R	15	RECPT RM 10	20A	1		500
\bigcirc	R	17	RECPT RM 10	20A	1		
6	R	19	SKILLS LAB 2110 RECPT	20A	1	500	
6	R	21	SKILLS LAB 2110 RECPT	20A	1		900
6	R	23	SKILLS LAB 2110 HEADWALL	20A	1		-
\geq	R	25	RECPT RM 17	20A	1	500	
\geq	R	27	RECPT RM 17	20A	1		500
\mathcal{Q}	R	29	RECPT RM 17	20A	1		-
2	R	31	RECPT RM 3	20A	1	500	
X	R	33	RECPT RM 3	20A	1		500
×	R	35	RECPT RM 3	20A	1		
X	R	37	RECPT RM 15	20A	1	500	
X	N	39	SPARE	20A	1	-	500
)	N	41	SPARE	20A	1		
					D DEMAND:	54	3900 0A 462 A
÷			LOAD CLASSIFICATION	TOTAL DEN	AND AMPS:	CTED LO	
÷	-		CONTINUOUS LOA	D=c	CONTRE	0	2
-			KITCHEN EQUIPMENT LOA	-		0	
			LIGHTING LOA			0	
			MOTOR LOA	-		0	
1	_		NON-CONTINUOUS LOA			2000	
-			PANEL LOA			0	
-			RECEPTACLE LOA		2	1000	
PA	1	PROV	DULE NOTES: DE LOCK-ON DEVICE. DE LOCK-OFF DEVICE. IT BREAKER CONTROLLED BY		5	PROVIDE PROVIDE PROVIDE	A RED CI
	-	ANSUL	. SYSTEM. REFER TO HOOD YSTEM INTERLOCK DIAGRAM.			AS INDICA	TYPE AN

s: s: s:	-						MAIN MLO BUS 225 A A.I.C. 10,000			
	с	A	в	с	POLES	TRIP AMPS	DESCRIPTION	C - R C	L O A D S	1
		500			1	20A	SPARE	2	N	C
			500		1	20A	SPARE	4	N	C
	360			1200	1	20A	HVSG HEATER	6	С	C
		360			1	20A	RECPT RM 56	8	R	K
			360		1	20A	RECPT RM 56	10	R	C
	360			360	1	20A	RECPT RM 56	12	R	K
		360			1	20A	WATERHEATER	14	R	K
			360		1	20A	RECPT RM 55	16	R	C
	360			500	1	20A	DRINKING FOUNTAIN	18	R	K
1		520			2	30	AC-8 (1/2HP)	20	Μ	C
Ī			520		1 4	30	A000 (1/2HP)	22	М	C
Í	500			520	2	30	AC 12/1/2HD	24	м	K
1		520			1 ²	30	AC-12 (1/2HP)	26	M	K
İ			520			20	10 15 (10) 0	28	M	K
Ì	520			520	2	30	AC-15 (1/2HP)	30	M	K
1		360			1	20	RECPT RM 2156	32	R	C
1			360	1	1	20	RECPT RM 2156	34	R	C
I	520			360	1	20	RECPT RM 2156	36	R	C
1		360			1	20	RECPT RM 2168	38	R	C
1			360	-	1	20	RECPT RM 2168	40	R	R
t	500			360	1	20	RECPT RM 2168	42	_	\rightarrow
Ì	3120	2980	2980	3820	1				_	
	Ø 68		Ø 72	40		90%	PERCENT BALANCE			
	57		60		_					
	DE	MAND FACT	FOR	EST	IMATED DEI	MAND	PANEL LOADS			
		125%			1500					
		100%		-	0		TOTAL CONN. LOAD (VA):	20020		
Í	1	125%			0		TOTAL EST. DEMAND (VA):	20580		
ĺ	5200 @	100% /1040	@125%		6500		TOTAL CONN. (AMPS):	56		
ĺ		100%			3000		TOTAL EST. DEMAND (AMPS):	57		
I		100%			0					
T	-	100%			9580					

(10) CIRCUIT MADE AVAILABLE THROUGH DEN FOR HVAC EQUIPMENT. (8) PROVIDE PHOTOCELL AND TIME CLOCK (1) DISCONNECT EXISTING BRANCH CIRC CLOCK WITH RELAYS FOR EXTERIOR CONDUCTORS AND REMOVE EXISTING LIGHTING CONTROL. REFER TO EXTERIOR CIRCUIT BREAKERS. RELOCATE EXISTING LIGHTING CONTROL DIAGRAM. BRANCH CIRCUITS TO PANEL "PPF".

PANEL "PCSP"
 MAIN
 MLO

 BUS
 225 A

 A.I.C.
 10,000
 olts: 208Y/120V ses: 3 es: 4 C A B С TRIP DE DESCRIPTION POLES AMPS 1 500 RECPT RM 17 2 R 0 4 R 0 20A 1 20A RECPT RM 17 500 1 20A 500 1 20A SKILLS LAB 2110 INSTRUCTOR RECPT 6 R 6 500 500 1 RECPT RM 30 8 R 🔾 20A RECPT RM 30 10 R 12 R 14 R 6 500 1 20A 500 1 20A V SKILLS LAB 2110 RECPT 500 20A 1 SKILLS LAB 2110 RECPT 16 R 6 500 20A 500 1 20A RECPT RM 10 500

 18
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 20
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 24
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 SPARE SPARE 3900 ØC 6019 ØB 6019 91% PERCENT BALANCE 50 A 50 A DEMAND FACTOR ESTIMATED DEMAND PANEL LOADS 125%
 TOTAL CONN. LOAD (VA):
 23000

 TOTAL EST. DEMAND (VA):
 17500
 100% 125% 0 TOTAL CONN. (AMPS): 0@100%/0@125% 100% 64 2000 TOTAL EST. DEMAND (AMPS): 49 100% 0 74% 15500 YPE DEVICE. (7) PROVIDE "HACR" TYPE CIRCUIT BREAKER. (9) EXISTING BREAKER CIRCUIT BREAKER. FOR HVAC EQUIPMENT. (10) CIRCUIT MADE AVAILABLE THROUGH DEN T BREAKER (8) PROVIDE PHOTOCELL AND TIME CLOCK (1) DISCONNECT EXISTING BRANCH CIRCUIT MATCH CLOCK WITH RELAYS FOR EXTERIOR CONDUCTORS AND REMOVE EXISTING ND AIC RATING. LIGHTING CONTROL. REFER TO EXTERIOR CIRCUIT BREAKERS. RELOCATE EXISTING

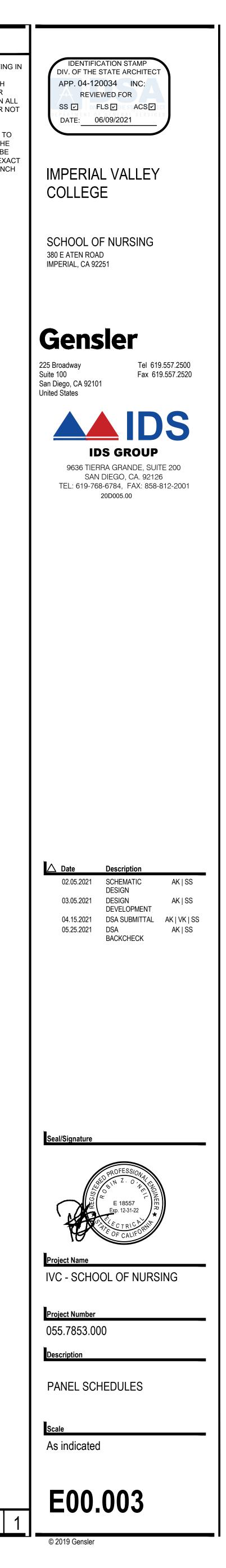
BRANCH CIRCUITS TO PANEL "PPF".

LIGHTING CONTROL DIAGRAM.

PC PPB PPC PPD PPF PCSP

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY AND CONFIRM ALL CIRCUITING IN ALL PANELBOARDS AFFECTED BY THE SCOPE OF WORK AND PROVIDE ACCURATE AS-BUILT DOCUMENTATION FOR BRANCH CIRCUITS AND PANEL DIRECTORY CARDS. THE CONTRACTOR SHALL INCLUDE VERIFICATION FOR BRANCH CIRCUITS WITHIN ALL PANELBOARDS AND FOR ALL BRANCH CIRCUITS MODIFIED OR NOT MODIFIED.
- 2. THE CONTRACTOR SHALL SUBMIT PANEL DIRECTORY CARDS TO THE EEOR FOR FINAL REVIEW AND ACCEPTANCE PRIOR TO THE CLOSE-OUT OF THE PROJECT. ALL BRANCH CIRCUITS SHALL BE IDENTIFIED PER CEC 408.4, INCLUDING BUT NOT LIMITED TO EXACT ROOM IDENTIFICATION FOR LOCATIONS SERVED BY THE BRANCH CIRCUITS.



					L	IGHT	FIXTURE S	SCHE	DULE					
ITEM	DESCRIPTION	TYPE	DRIVER	CRI	LUMENS	ТЕМР	MOUNTING	WATTS	VOLTS	MANUFACTURER	MODEL	REMARKS		
A	2X4 LED TROFFER. 0-10V DIMMING DRIVER	LED	ELECTRONIC 0-10V DIM	90	4000	4000k	LAY-IN-GRID	33.8	120	MARK LIGHTING	WHSPR-2X4-90CRI- 40K-4000LM-MIN10- MVOLT	RECESSED T-GRID. PROVIDE SEISMIC SUPPORTS		
В	4' LINEAR SURFACE MOUNT LIGHTING FIXTURE WITH 0-10V DIMMING DRIVER	LED	ELECTRONIC 0-10V DIM	80	3000	4000k	SURFACE MOUNT	21	120	LITHONIA	SEF-MVOLT-GZ10- 40K-80CRI-HC39 M12			
				 PR a. b. PR a) b. PR a) b) c) d) c) d) e) 4. LAI b. AN BA4 CO 7. RO 8. PR 9. BA4 CO 	IOR TO THE VERIFY AL INSTALLAT VERIFY AL AS AN "AS IOR TO THE VERIFY FI CONFLICT VERIFY FI IDENTIFY I IDENTIFY I SHALL NO MPS OR LEE E ARCHITEC N-SPECIFIE CKCHARGES HT FIXTURE ALL BE REV D CALCULA INSTITUTE A UTE ALL EX OVIDE 90 MI SE BID FOR NTRACTOR	RELEASE L FIXTUR TION AS R L INTEGR SEMBLY" RELEASE XTURE LC S. NAL FIXTU ELD LENG FIRE RATE INSULATE D LIGHT EI CT AND LIG D OR NON S BY OTH E ALTERN. TIONS TO A CHANGE TIONS TO A CHANGE SHALL BE	ES SHALL HAVE APPRO EQUIRED BY CALIFORM AL OR REMOTE DRIVE TO OPERATE WITH THE OF THE LIGHTING FIX OCATION AND ABOVE-C URE VOLTAGE VERIFY (THS OF COVE OR PER ED CEILING OR FLOOR D CEILING OR FLOOR D CEILING AREAS AND LIGHTING DESIGNER IF NGINES SHALL BE INST GHTING DESIGNER SHA LAPPROVED ALTERNA ER TRADES SUCH AS D ATES AND SUBSTITUTION THE ARCHITECT PRIO THE CONSTRUCTION I CORDER TO THE CONT IGHTING FIXTURES THI ERGENCY BATTERY BA	TURE ORDE DPRIATE UL, VIA AND LOC RS ARE REC E LUMINAIRE TURE ORDE EILING CLE/ CEILING TRI METER LIGI ASSEMBLIE PROVIDE IC AN IC OPTI ALLED AS C ALL APPROV TES ARE INS ORYWALL, P/ ONS SHALL R TO DISTR DOCUMENTS RACT AMOU ROUGH THE ACK UP FOR ON MANUFAC	R, THE PA ETL OR (CAL ELEC COGNIZED WORK V R, CONTR ARANCES M COMPA HTING. TI S AND PR C RATED F ON IS NO UTLINED E FIXTUR STALLED, AINTING, I BE OF EC ICT REVIE S INCLUD INT. LIGHTING ALL EME CTURERS ER APPRO	ARTY RESPONSIBLE OTHER RECOGNIZE TRICAL CODES. D BY UL, ETL OR OTH WITH THE CONTRAC RACTOR SHALL WOF FOR RECESSED FIZ TIBILITY (E.G. GYP. HESE FIXTURES MU ROVIDE FIRE RATED HOUSING OPTIONS IN AVAILABLE FOR T IN THE FIXTURE SC RE SUBSTITUTIONS IN THEY SHALL BE RE ETC.), WITH NO ADD QUAL TYPE PERFOR EW. REVIEW PERIOD ING LOAD CALCULA G CONTROL PANEL RGENCY FIXTURES ILISTED IN CONTRA OVAL & AN ITEMIZED	E FOR FIXTURE PROC D AND ACCEPTED TE HER RECOGNIZED TE TOR TO VERIFY ITEM RK WITH THE LIGHTIN XTURES. CONTRACT OR SUSPENDED CEII IST NOT BE DIMENSIO ENCLOSURES FOR F FOR FIXTURES TO BE FOR FIXTURES TO BE THE SPECIFIED FIXTU CHEDULE. PRIOR TO BID, IN ACC PLACED AT THE CON DITIONAL COST TO TH MANCE, LUMENS, CO O OF SUBSTITUTIONS TIONS SHALL BE REI RELAYS. . SEE SCHEDULE FOR CT DOCUMENTS. UP	CUREMENT (TYPICALLY THE CONTRACTOR) SHALL: ESTING AGENCY FOR DRY, DAMP, OR WET LOCATION ESTING AGENCY. REMOTE DRIVERS SHALL BE LISTED AS OUTLINED IN SECTION 5 BELOW NG PROCUREMENT AGENT TO: TOR SHALL NOTIFY THE LIGHTING DESIGNER OF ANY LING) DNED FROM PLANS FIXTURES TO BE INSTALLED IN THESE CONDITIONS E INSTALLED IN THESE CONDITIONS. CONTRACTOR IRE(S). CORDANCE WITH SECTION 26 00 00 SPECIFICATIONS. IF NTRACTORS SOLE EXPENSE (INCLUDING HE OWNER. DLOR, RENDERING, AND WATTAGE. SUBSTITUTIONS S SHALL NOT CAUSE DELAY IN SCHEDULE. REVISIONS MBURSED BY THE CONTRACTOR AND SHALL NOT		

								L	-101		90		NOL	- 30	NEL		-				
				-	_	OCCU	PANCY	SENSOR				TIMECLOCI	K		WALL S	WITCH		DAYLIGHT SENSOR	OTHER		
			ZONES	OCCUPANCY MODE (AUTO ON)	VACANCY MODE	DUAL TECHNOLOGY	OCCUPIED LEVEL (%)	TIME OF LAST DETECTED OCCUPANCY (MINUTES)	UNOCCUPIED DIM LEVEL (%)	OCCUPANCY TIME DELAY (MINUTES)	SCHEDULE ON TIME	SCHEDULE OFF TIME	SCHEDULE OVERRIDE SWITCH	MANUAL (ON/OFF)	MANUAL DIMMING	KEY SWITCH	SCENE CONTROL	DIMMING (IF APPLICABLE)	PLUG LOAD CONTROL (IF APPLICABLE)	UL924 RELAY	
2109	VOLTAGE	BRANCH CIRCUIT	Z	0	>		0	ΕŌ	5	0	S(S(S(≥	≥	K	S(Ы		COMMENTS
CONFERENCE	120V	LPA-12	2	х	Х	x					8am	5pm		Х	Х		Х			Х	
2110 SKILLS LAB	120V	LPA-11	3	x	х	x					8am	5pm		х	х					х	
2153 PREP ROOM	120V	LPA-6	1	x	x	x					8am	5pm		х	x					х	
2154 STORAGE	120V	LPA-6	1	x	x	x					8am	5pm		х							
2155 STUDENT LAB	120V	LPA-8	2	x	x	x					8am	5pm		х	х			x		х	
2156A STORAGE	120V	LPA-8	1	x	x	x					8am	5pm		х						х	
2161 ELEC	120V	LPA-3	1	x	x	x					8am	5pm		х							
2163 LAB 3	120V	LPA-3	3	x	x	x					8am	5pm		х	х					х	
2164 CONTROL RM	120V	LPA-3	1	x	x	x					8am	5pm		х	х					х	
2166 STORAGE	120V	LPA-3	1	x	x	x					8am	5pm		х							
2185 LEARNING CENTER	120V	LPA-11	2	x	x	x					8am	5pm		х	х		х			х	
NOTE:																					

CONTRACTOR SHALL REMOVE THE EXISTING TIMECLOCK AND NETWORK LIGHTING CONTROLS AND PROVIDE NEW PER DETAIL 1/E02.904.

I IGHTING CONTROL SCHEDULE

NOTE: 1. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO FINAL COMMISSIONING OF THE LIGHTING CONTROL SYSTEMS TO PROGRAM THE SYSTEM PER THE USER PREFERNCES.

TITLE 24 COMPLIANCE:

MANUAL AREA CONTROLS, <u>SECTION 130.1(a)</u>.
 MULTI-LEVEL LIGHTING CONTROLS, <u>SECTION</u>

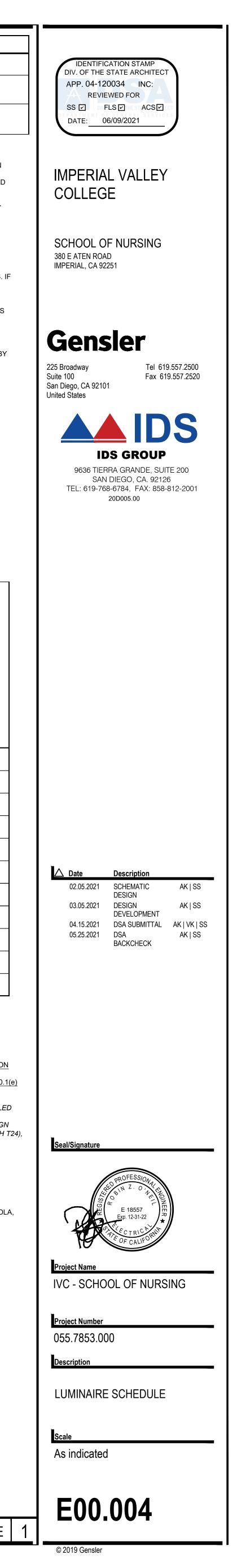
<u>130.1(b).</u>
3. SHUT-OFF CONTROLS, <u>SECTION 130.1(c).</u>
4. AUTOMATIC DAYLIGHTING CONTROLS, <u>SECTION</u>

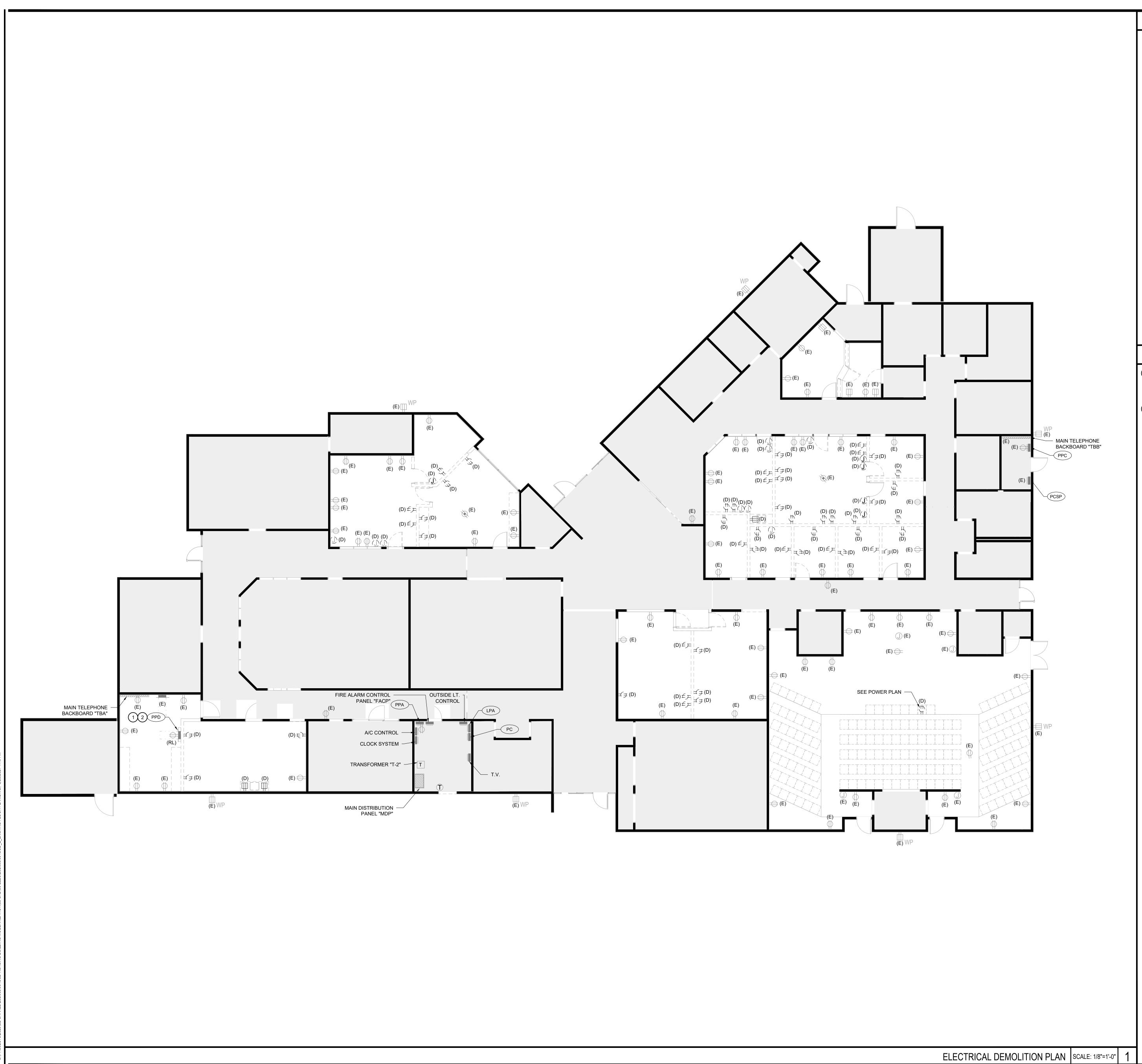
AUTOMATIC DAYLIGHTING CONTROLS, <u>SECTION</u> <u>130.1(d)</u>.
 DEMAND RESPONSE CONTROLS, <u>SECTION 130.1(e)</u> AND <u>SECTION 110.2(c)</u>.
 CONTROLS INTERACTIONS, <u>SECTION 130.1(f)</u>.
 CIRCUIT CONTROLS FOR 120-VOLT CONTROLLED RECEPTACLES, <u>SECTION 130.5(d)</u>.
 INDOOR LIGHTING CONTROLS BASIS OF DESIGN (SEE SDLA BASIS OF DESIGN TO COMPLY WITH T24), <u>SECTION 120.8(c)</u>.

SYSTEM OPERATIONS TRAINING OPTIONS, PER SECTION 120.8(h):

2-HOUR ONSITE OR REMOTE TRAINING.
 2-DAY IN PERSON OR REMOTE TRAINING @ SDLA, AT CUSTOMER LOCATION, OR

VIDEOCONFERENCING SOFTWARE.
3. VIDEO TRAINING GIVEN TO EVERYONE WHO PARTICIPATES IN THE 2-DAY IN PERSON OR REMOTE TRAINING.



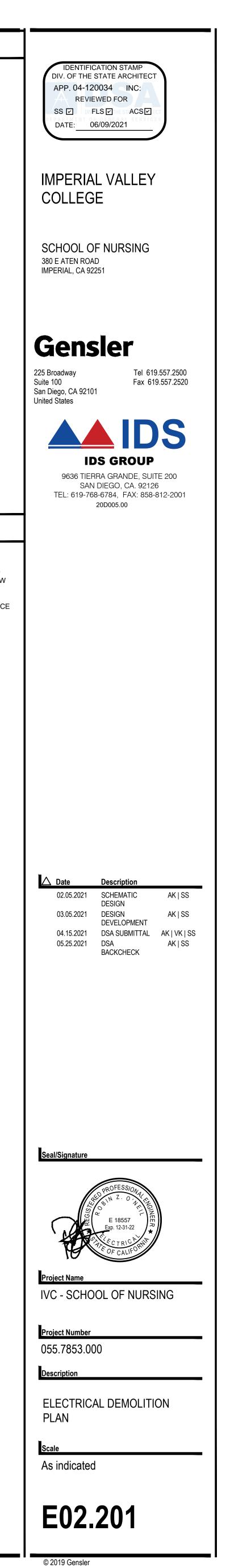


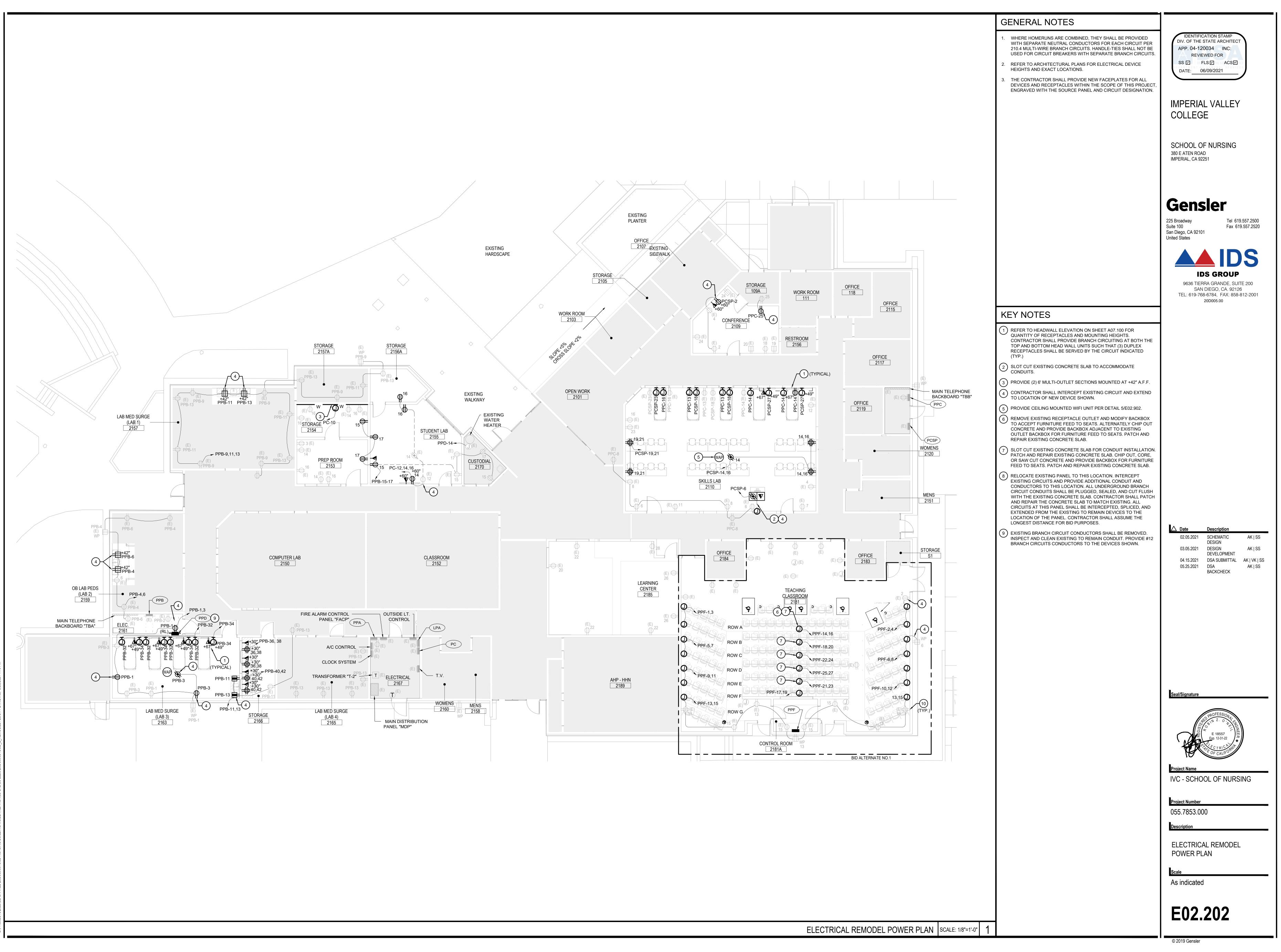
A JECTS/2020/SD SHARED/20D005 00 LCCD NI IBSING BLIII DING MODERNIZATION/05 CAD/05 ELEC/20D005 00 LCCD E EXISTING ELOOB PLAN DWG 5/

GENERAL NOTES EXISTING DEVICE LOCATIONS ARE SHOWN PER AS-BUILT DOCUMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND FOLLOW THE GENERAL INTENT OF THE DESIGN WHERE DEVICES AND EQUIPMENT ARE NOT SHOWN EXACTLY. DEVICES NOT SHOWN ON THE DRAWINGS OR IN ANOTHER LOCATION SHALL BE PART OF THE CONTRACTORS SCOPE. CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT AS INDICATED COMPLETELY TO SOURCE, UNLESS NOTED OTHERWISE. EXISTING CONDUCTORS SHALL NOT BE RE-USED. EXISTING CONDUIT SHALL REMAIN TO THE EXTENT POSSIBLE. ANY EXISTING CONDUIT THAT IS RE-USED, SHALL BE CLEANED AND INSPECTED FOR BURRS AND OTHER DEFECTS. DEFECTIVE CONDUIT SHALL BE REPLACED BY THE CONTRACTOR. CONTRACTOR SHALL SEAL AND REPAIR ANY PENETRATIONS LEFT VACANT. WHERE PENETRATIONS OCCUR IN FIRE RATED ASSEMBLIES, AN APPROVED FIRE-STOP METHOD SHALL BE UTILIZED. CONTRACTOR SHALL FILL, PATCH AND REPAIR ANY AND ALL SURFACES ASSOCIATED WITH DEMOLITION OF ELECTRICAL WORK TO RESTORE THOSE AREAS TO MATCH ADJACENT SURFACES. CONTRACTOR SHALL PAINT TO MATCH. CONTRACTOR SHALL RE-ROUTE ANY AND ALL EXISTING TO REMAIN CIRCUITS, AS NECESSARY. PROVIDE ADDITIONAL CONDUIT, CONDUCTORS, SUPPORTS, AND ANCHORAGE AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUIT TO EXISTING TO REMAIN DEVICES. ADDITIONAL CONDUIT AND CONDUCTORS SHALL BE INSTALLED PER SPECIFICATIONS. ANY EXISTING TO REMAIN OR ABANDONED IN PLACE DEVICE BOXES SHALL BE PROVIDED WITH NEW FACEPLATE. COORDINATE COLOR OF FACEPLATE OR PAINT TO MATCH AS DIRECTED. EXISTING LIGHTING AND LIGHTING CONTROLS IN THE AREA OF WORK SHALL BE DEMOLISHED COMPLETELY TO SOURCE. THE CONTRACTOR SHALL PROVIDE NEW FACEPLATES FOR ALL DEVICES AND RECEPTACLES WITHIN THE SCOPE OF THIS PROJECT, ENGRAVED WITH THE SOURCE PANEL AND CIRCUIT DESIGNATION.

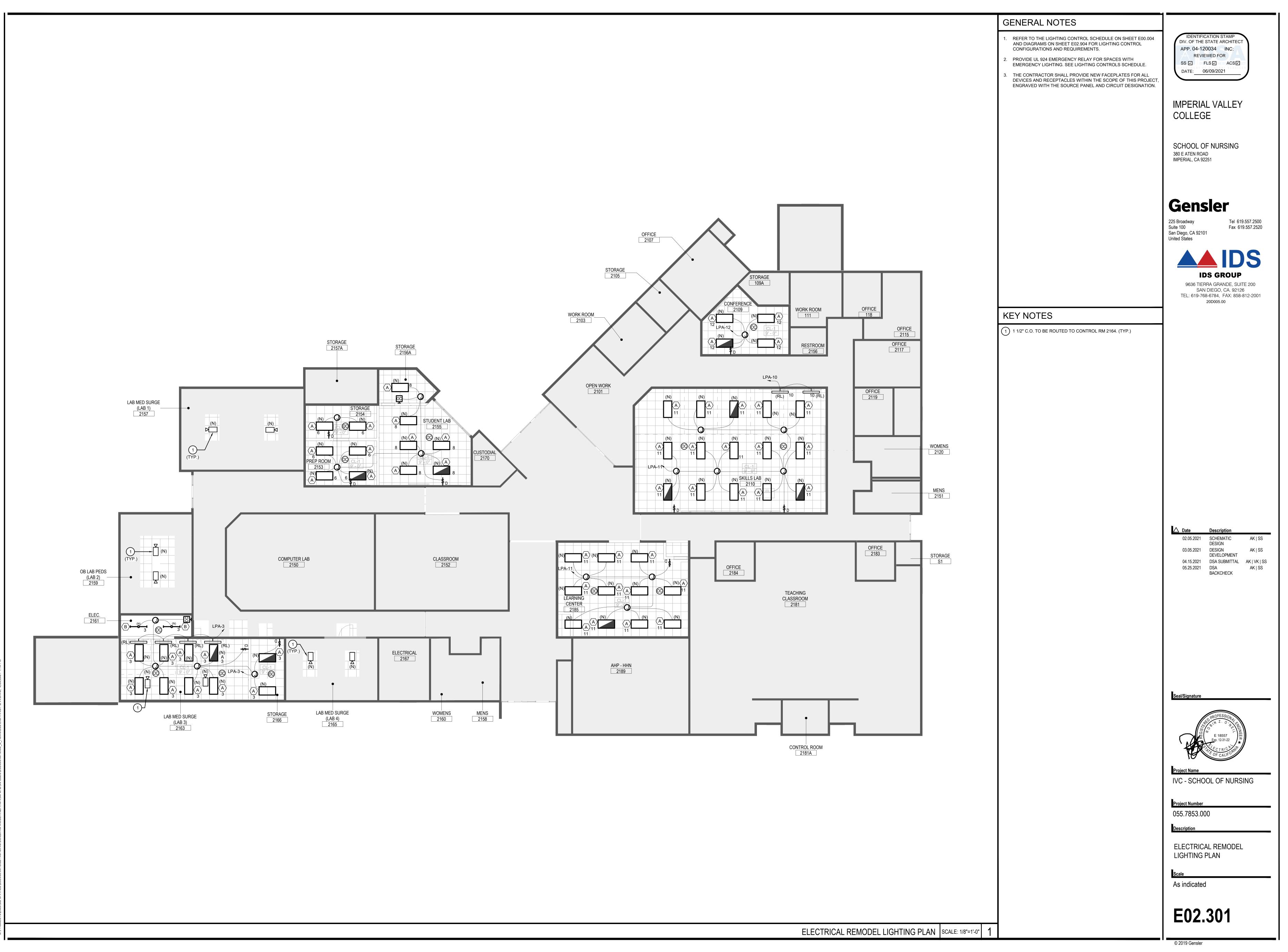
KEY NOTES

- 1 EXISTING PANEL "PPD" SHALL BE RELOCATED. REMOVE ALL EXISTING UNDERGROUND BRANCH CIRCUIT CONDUCTORS COMPLETELY. REMOVE ALL OVERHEAD BRANCH CIRCUITS TO THE POINT OF INTERCEPT. SEE POWER PLAN E02.202 FOR NEW LOCATION OF PANEL "PPD".
- 2 CUT BACK EXISTING UNDERGROUND CONDUIT BELOW SURFACE OF SLAB. FILL, PATCH, AND REPAIR SURFACE TO MATCH ADJACENT SLAB.



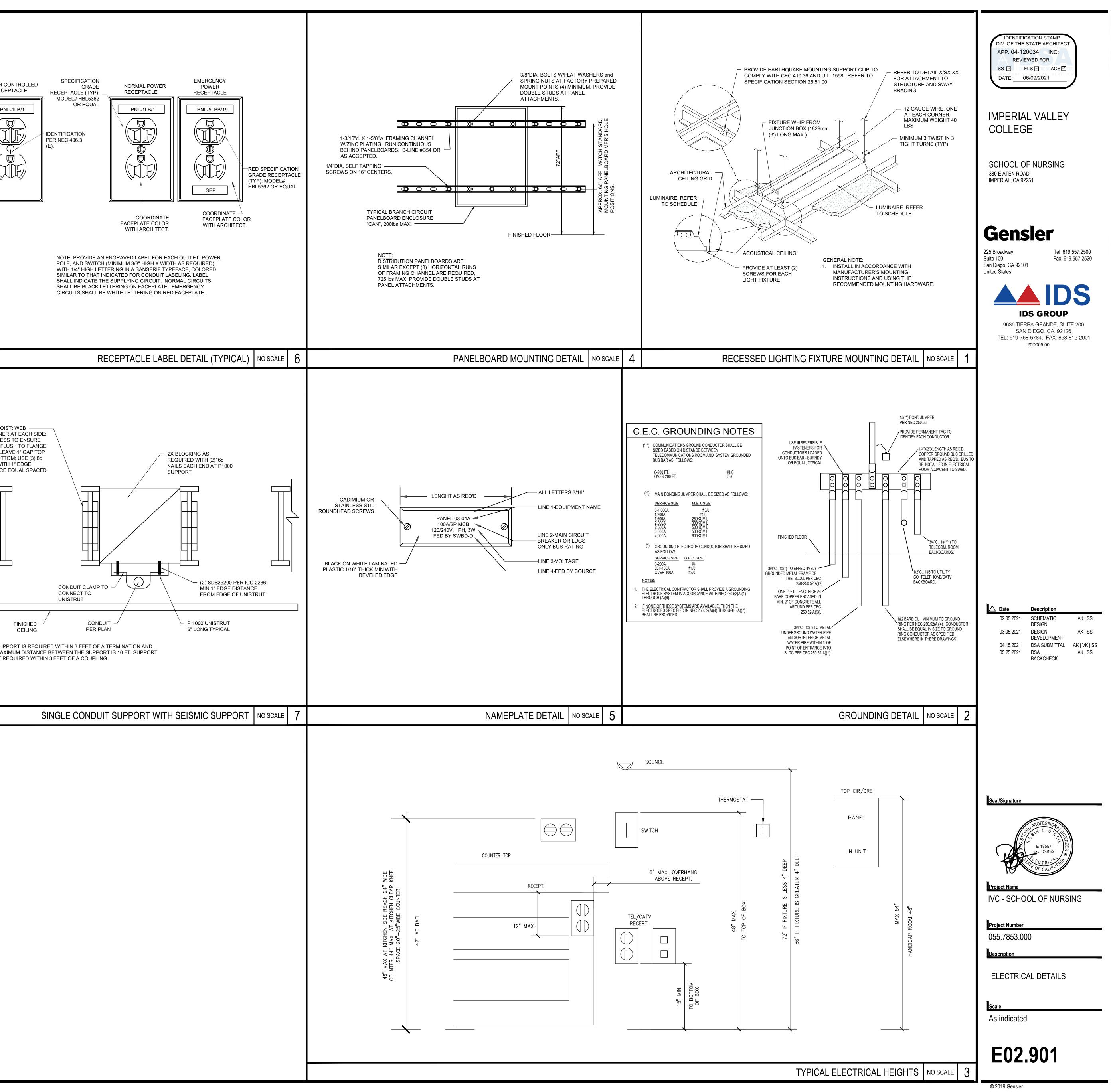


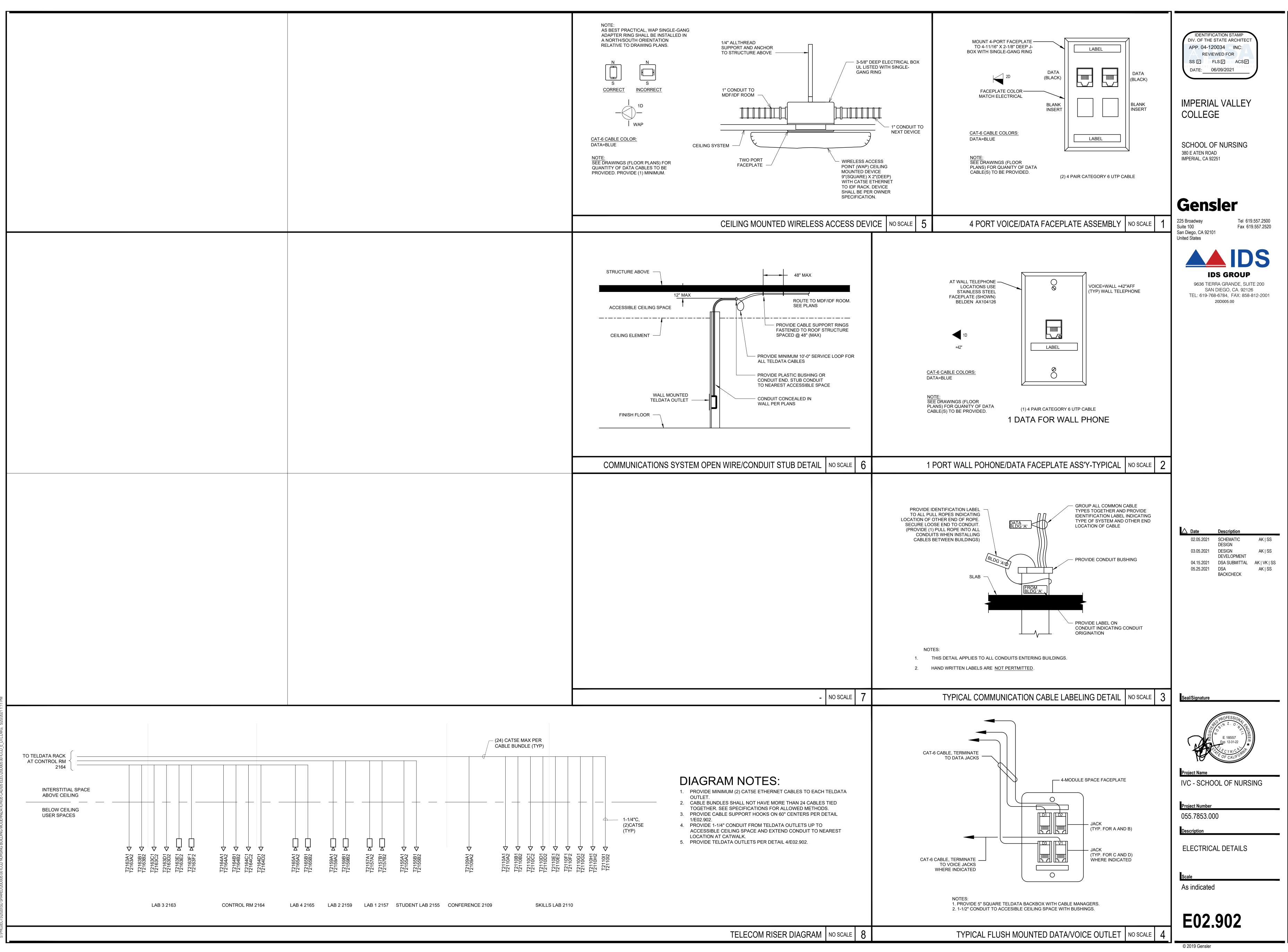
VPROJECTS/2020/SD SHARED/2010/06 00 LCCD NUJBSING BUILDING MODERNIZATION/05 CAD/05 ELEC/2010/05 00 ICCD E REMODEL ELOOB PLAN DWG

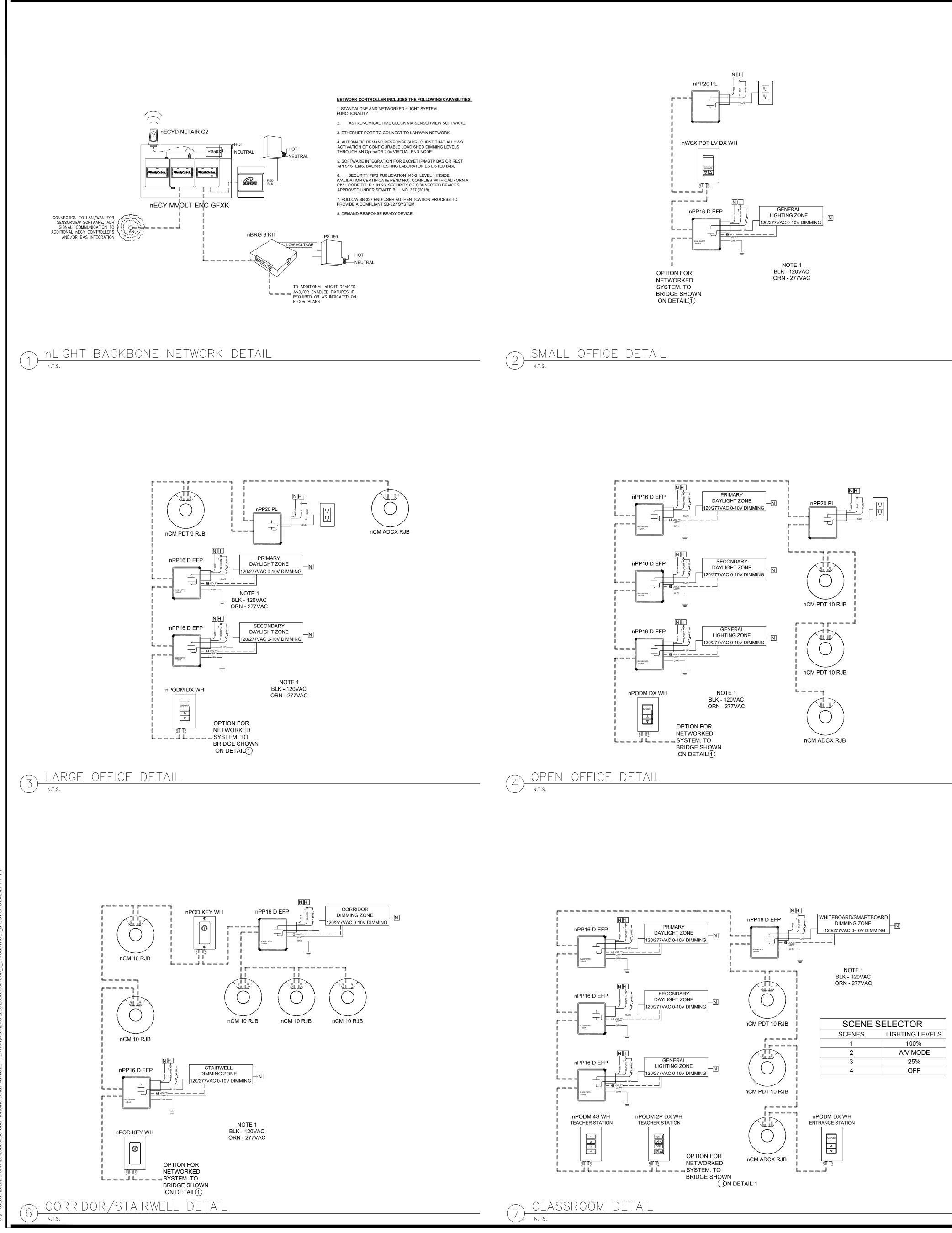


PROJECTS/2020(ST) SHARED/201006 ON ICCD NI IRSING RI III DING MODERNIZATION/05 CAD/05 ELEC/201005 ON ICCD ELREMODEL LIGHTING PLAN DWG 5/20

		POWER REC
		(E) TJI JO STIFFENE THICKNE WEB IS F WIDTH LE AND BOT NAILS WI DISTANCI
		NOTES: 1. EMT SUI THE MA IS NOT H





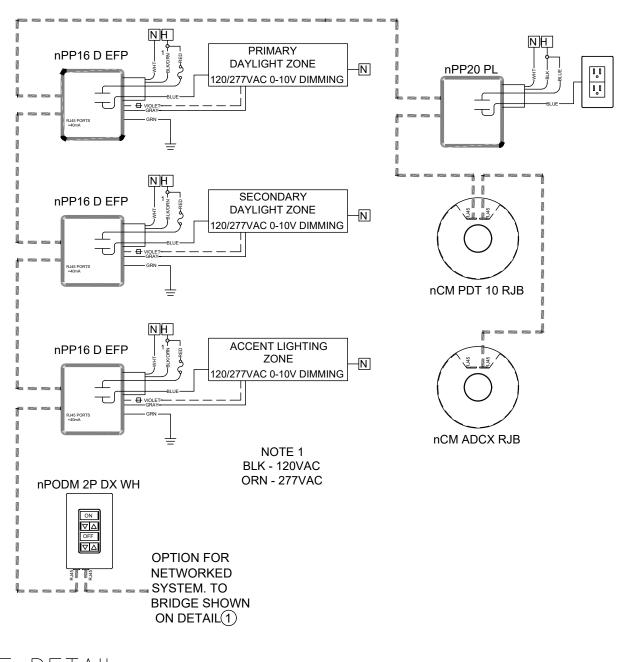


GENERAL NOTES:

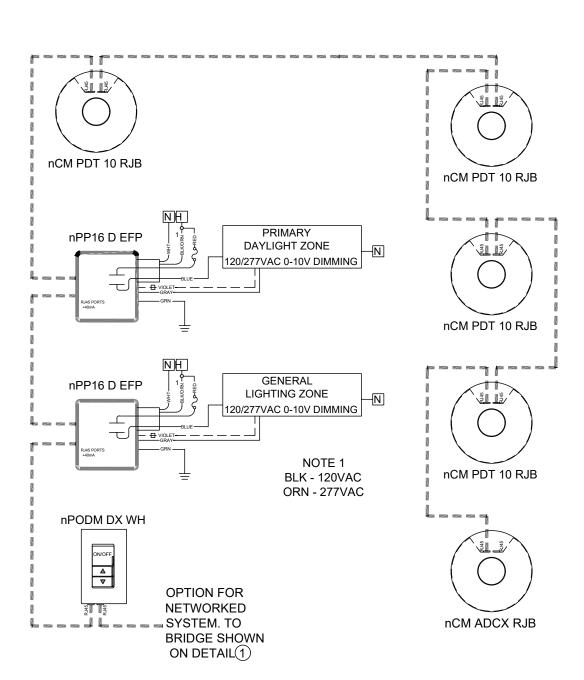
- 1. DETAILS AND DESIGN IS BASED ON AN nLIGHT LIGHTING CONTROLS SYSTEM.
- 2. DETAILS ARE DIAGRAMMATIC AND FOR REFERENCE OF SYSTEM AND ROOM TYPE REQUIREMENTS TO MEET BASIS OF DESIGN. REFER TO MANUFACTURERS SHOP DRAWINGS FOR QUANTITIES
- AND DEVICES USED FOR EACH SPACE AND NETWORK. 3. LIGHTING CONTROL SUBMITTALS FOR NETWORKED SYSTEM SHALL INCLUDE THE FOLLOWING DOCUMENTS (NOT LIMITED TO
- FOLLOWING): 3.1. SHOP DRAWINGS SHOWING QUANTITY AND LOCATION OF ALL DEVICES.
- 3.2. STAND ALONE/NETWORK SINGLE LINE DIAGRAM. 3.3. BASIS OF DESIGN PROGRAMMING OPERATION FOR EACH ROOM TYPE. 3.4. DEVICE CUTSHEETS.
- 4. MANUFACTURER OR FACTORY REPRESENATIVE TO INCLUDE STARTUP AND COMMISSIONING OF THE LIGHTING CONTROL SYSTEM. MUST INCLUDE A SITE VISIT FOR THE FOLLOWING:
- 4.1. A PRE-CONSTRUCTION MEETING TO CONFIRM DESIGN AND FIELD INSTALLATION REQUIREMENTS. 4.2. PROGRAMMING AND COMMISSIONING OF THE LIGHTING
- CONTROL SYSTEM TO MEET THE BASIS OF DESIGN AND TITLE 24 REQUIREMENTS. 4.3. MAINTENANCE / OWNER WALK THROUGH FOR MAKING FINAL
- ADJUSTMENTS TO PROGRAMMING. 5. CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING CONTROL DEVICES, CABLES, ACCESSORIES AS REQUIRED BY MANUFACTURER'S RECOMMENDATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL COMPLIANT TITLE 24 SYSTEM.
- 6. ALL DEVICES SHALL BE MOUNTED AND INSTALLED IN ACCESSIBLE CEILING LOCATIONS. CONTRACTOR WILL VERIFY BEST FIT LOCATIONS IN THE FIELD.
- 7. CONTRACTOR TO VERIFY COMPATIBILITY BETWEEN DIMMING POWERPACKS AND INSTALLED FIXTURES.

LIGHTING CONTROLS LEGEND AND DESCRIPTIONS EXTENDED RANGE 360° SENSOR-CEILING MOUNT, LOW VOLTAGE, PASSIVE DUAL TECHNOLOGY (PDT) (os)DETECTION TECHNOLOGY SHALL BE SELECTABLE AS FOLLOWS: PIR/MICROPHONICS/BOTH OS - nCM PDT 10 RJB AUTOMATIC DIMMING CONTROL PHOTOCELL- CEILING MOUNT, LOW VOLTAGE DS - nCM ADCX RJB 16 AMP (120/227V) POWER/RELAY PACK WITH 0-10V DIMMING CONTROL, CHASE NIPPLE MOUNTING DP a DP - nPP16 D EFP SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL 20 AMP (120V) RELAY PACK FOR PLUG LOAD CONTROL, CHASE NIPPLE MOUNTING PLa PL - nPP20 PL SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL 5 AMP (120/227V) POWER/RELAY PACK PHASE DIMMING CONTROL, CHASE NIPPLE MOUNTING (277V NOT AVAILABLE WITH ELV) PCD a PCD - nSP5 PCD (2W, 3W, MLV, ELV 120) SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL LOW VOLTAGE ON/OFF TOGGLE SWITCH WITH DIMMING S1 a 1-ZONE = S1 - nPODM DX S2 a,b 2-ZONE = S2 - nPODM 2P DX 4-ZONE = S4 - nPODM 4P DX +S4a,b,c,d SUBSCRIPT REFERENCES ZONE OF CONTROL LOW VOLTAGE SCENE SELECTOR WITH DIMMING -SS2 -SS4 2-SCENE = SS2 - nPODM 4S DX 4-SCENE = SS4 - nPODM 4S DX SUBSCRIPT REFERENCES ZONE OF CONTROL LOW VOLTAGE GRAPHIC TOUCHSCREEN CONTROLLER, INCLUDES 16-ZONES AND 16-SCENES WITH DIMMING GFX a GFXX - nPOD GFX SUBSCRIPT REFERENCES ZONE OF CONTROL LOW VOLTAGE WALL SWITCH OCCUPANCY SENSOR WITH

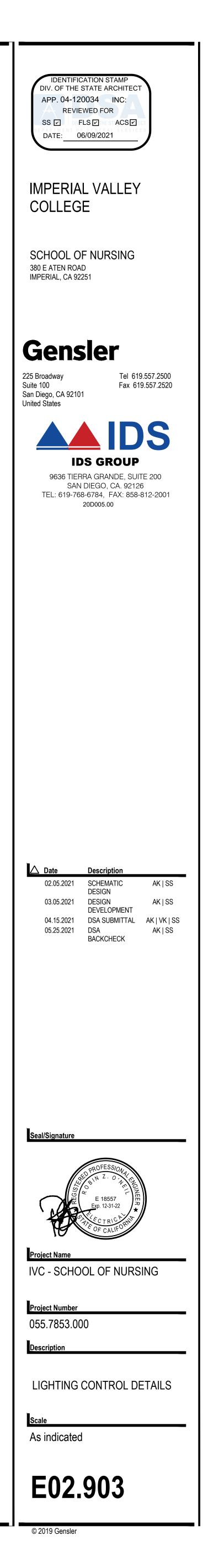
-WS a ON/OFF/RAISE/LOWER, PASSIVE DUAL TECHNOLOGY (PDT) WS - nWSX PDT LV DX SUBSCRIPT REFERENCES ZONE OF CONTROL



CONFERENCE DETAIL N.T.S.



8 LAB DETAIL N.T.S.



This document is used to demonstrate compliance with requirements in \$110.9, \$110.12(c), \$130.0, \$130.1, \$140.6, and \$141.0(b)2 for indoor lighting scores using the presi- project. Markets:	CERTIFICATE OF COMPLIANCE								CALIFORM	NIA ENERG	Y C
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Student La Control Roo			ntion, Confere	Training Vocat			0.7 0.85	46 96		322.7 81.6	No		N
Storage 2		Cor		Center Areas Istrial Storage	Area		0.85	10		45	No		No
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Classroom Classroom				Training Vocat Training Vocat		_	0.7 0.7	1,42 45		994 320.6	No No		No No
Office 2 Office 2			•	uare feet or les uare feet or les			0.7 0.7	81 81		56.7 56.7	No No		No No
Office 2 Office 2		_		uare feet or les uare feet or les			0.7 0.7	17. 10.		121.1 71.4	No No		No No
Conferenc		_	Meeting C	nce, Multipurp Center Areas			0.85	26	0	221	No		No
Storage 2 Classroom				strial Storage Training Vocat		ea	0.45	76 69	4	34.2 485.8	No No		No No
J. ADDITIONAL ALI	OWANCE: AR	EA CATEGO	RY METHOD	QUALIFYING		NG SYS	TOTALS	6,30		4,456.55	See la	ables J, or P	for de
This section does no													
K. TAILORED METH This section does not			POWER ALLC	DWANCE									
Registration Number:					R	Registratio	on Date/Time:				Regis	stration Provi	der: En
CA Building Energy Eff	iciency Standard	s - 2019 Nonre	esidential Comp	liance			rsion: 2019.1.0 ersion: rev 2019				Report Gene	erated: 2021-	04-09
STATE OF CALIFORNIA													
Indoor Lighting	-										CALIFOR	NIA ENERGY	
CERTIFICATE OF COMP Project Name: Project Address:	LIANCE		ICCE	O Nursing Buildir	-		Report Page: Date Prepared:		-				N (Pa
DOCUMENTATION				T		1							
I certify that this C	ertificate of C				e and co	<u> </u>		ul ciana					
Documentation Author Na Rob O'Neil Company:	ame:						Oocumentation A	utnor Signai	ture:	<i></i>			
IDS Address:	120						2021-04-09 CEA/ HERS Certific	cation Ident	ification (if appli	cable):			
1 Peters Canyon, Suit City/State/Zip: Irvine CA 92606							Phone: 049-387-8500						
RESPONSIBLE PERS	er penalty of perju	ry, under the law	vs of the State of										
 I am eligible u The energy fe 	atures and perform	the Business and nance specification	l Professions Code ons, materials, co	e to accept respor omponents, and m				-			Compliance (responsib Certificate of Complian		the req
4. The building of plans and spe	cifications submitte	ystem design fea ed to the enforce	atures identified of ement agency for	on this Certificate approval with thi	s building p	ermit app	lication.				e compliance documen		
inspections. I Responsible Designer Nan	understand that a	gned copy of this completed signe	s Certificate of Co d copy of this Cer	mpliance shall be rtificate of Compli	made avail ance is requ	uired to be	the building pern included with th Responsible Desig	e documen	tation the builde	and made a r provides to	vailable to the enforcen the building owner at	nent agency for occupancy.	: all app
Rob O'Neil Company:							Date Signed:		- (J	ð			
IDS Group Address: 1 Peters Canyon Rd						L	2021-04-09 icense: 18557						
City/State/Zip: Irvine CA 92606						F	210557 2hone: 949) 387-850	0					

CERTIFICATE O	F COMPLIANCE									NRCC-L
Project Name:		IC	CD Nursing Build		on Report Page:					(Page 3 d
Project Addres	s:			380 E Aten	Rd, Date Prepared:					4/9/2
F. INDOOR L	IGHTING FIXTURE SCHEDULE									
В	B - 4' Linear Chain Hung Lighting W/ 0-10V Dimming	No	No	21	Mfr. Spec	2	No	42		
С	C - Existing Fluorescent Fixture	No	No	64	Mfr. Spec	6	No	384		
					Total Designe	ed Watts: CON	DITIONED SPACES	2,183.6		
G. MODULA	R LIGHTING SYSTEMS oes not apply to this project.									
G. MODULA This section d H. INDOOR I This table incl	oes not apply to this project. LIGHTING CONTROLS (Not inc udes lighting controls for conditi	oned and unco	onditioned space		-		-	•		
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CERTIFICATE OF COMPLIANCE (Page 6 of 8) ICCD Nursing Building Modernization Report Page: Project Name: 380 E Aten Rd, Date Prepared: 4/9/2021 Project Address: L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY This section does not apply to this project. M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING This section does not apply to this project. N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS This section does not apply to this project. O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE This section does not apply to this project. P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF)) This section does not apply to this project. Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS This section does not apply to this project. R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS This section does not apply to this project. S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF) This section does not apply to this project.

Registration Number:

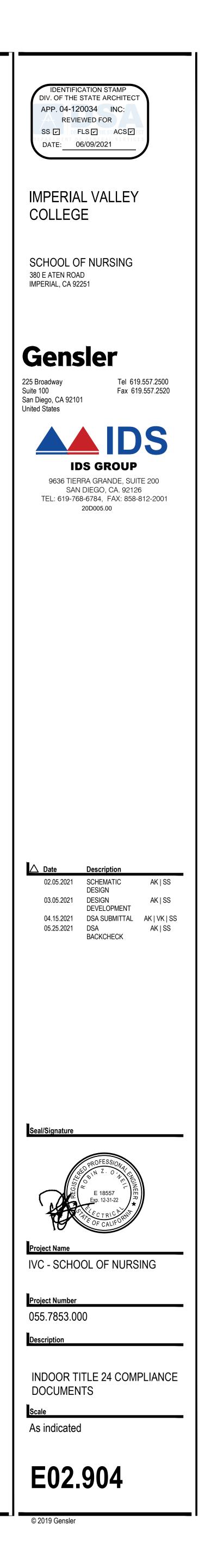
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

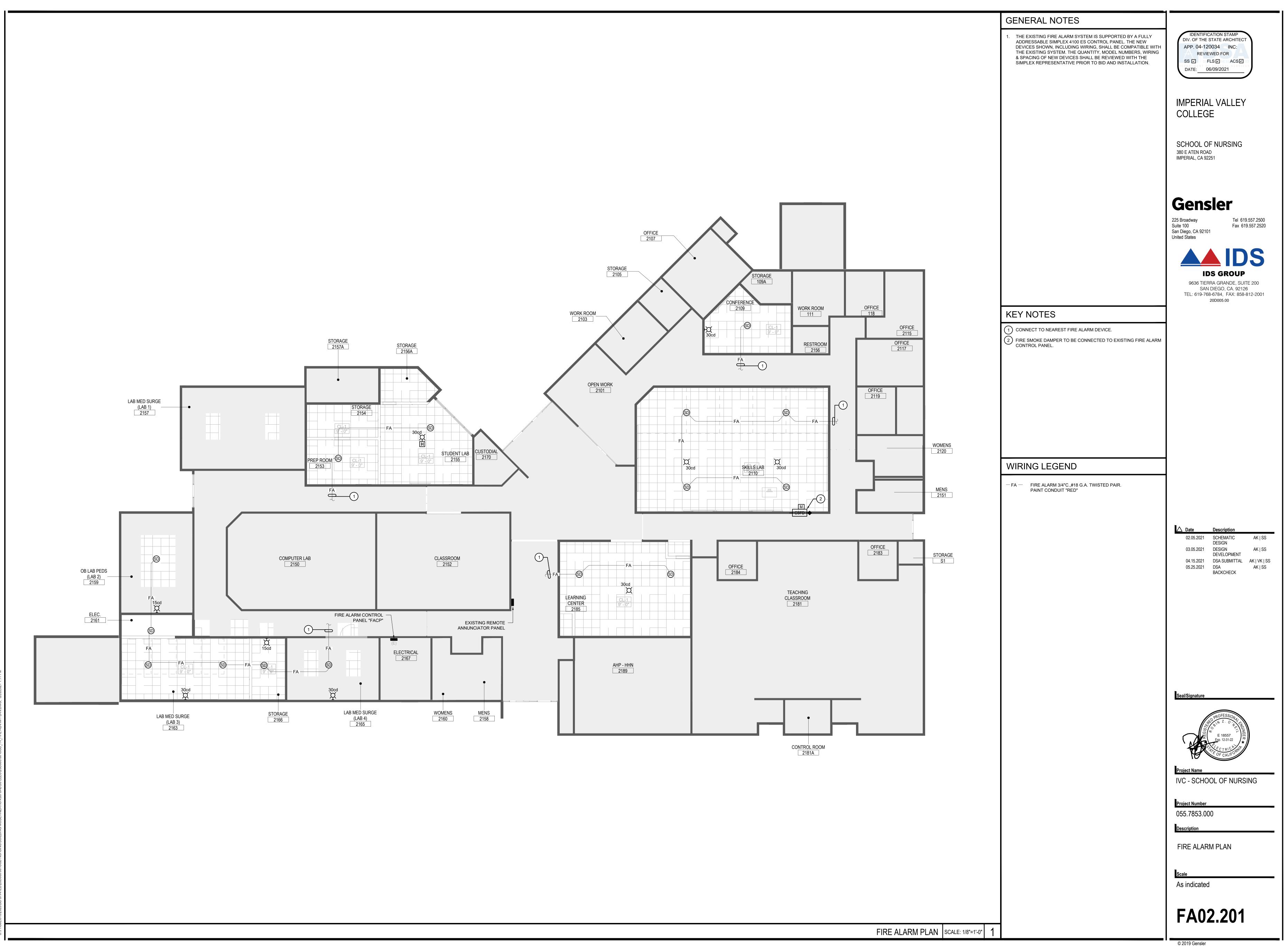
Registration Date/Time: Report Version: 2019.1.003

Schema Version: rev 20190401

Registration Provider: Energysoft Report Generated: 2021-04-09 10:17:51

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Simplex

UL, ULC, CSFM Listed;FM

TrueAlarm Analog Sensors – Photoelectric and Heat; Standard Bases and Accessories

Features

Approved*

TrueAlarm analog sensing provides:

Digital transmission of analog sensor values via IDNet or MAPNET II

two-wire communications For use with the following Simplex products:

 4007ES, 4010, 4010ES, 4100ES, and 4100U Series control panels; and 4008 Series control panels with reduced feature set (refer to data sheet S4008-0001 for details) • 4020, 4100, and 4120 Series control panels, Universal Transponders,

and 2120 TrueAlarm CDTs equipped for MAPNET II operation Fire alarm control panel provides:

 Peak value logging allowing accurate analysis of each sensor for individual sensitivity selection

Sensitivity monitoring satisfying NFPA 72 sensitivity testing

- requirements; automatic individual sensor calibration check verifies sensor integrity Automatic environmental compensation, multi-stage alarm operation, and display of sensitivity directly in percent per foot Ability to display and print detailed sensor information in plain English
- language
- Photoelectric smoke sensors provide: Sensitivity levels from 0.2% to 3.1%. See TrueAlarm Sensors for more
- information. Heat sensors provide:
- Three fixed temperature sensing thresholds: 135° F, 155° F and 190° F Rate-of-rise temperature sensing

Utility temperature sensing Listed to UL 521 and ULC-S530

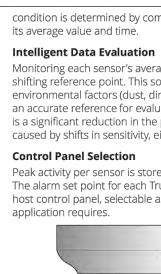
- General features:
- Operation is for ceiling or wall mounting Listed to UL 268 and ULC-S529
- NEMA 1 rated. See TrueAlarm Analog Sensing Product Selection Chart for more information. Louvered smoke sensor design enhances smoke capture by directing flow to chamber; entrance areas are minimally visible when ceiling
- mounted Designed for EMI compatibility
- Magnetic test feature is provided

• Different bases are available to support a supervised or unsupervised output relay, and/or a remote LED alarm indicator Additional base reference:

- For isolator bases, refer to data sheet S4098-0025 • For sounder bases, refer to data sheet S4098-0028
- For photo/heat sensors, refer to data sheet S4098-0024 (single address) and S4098-0033 (dual address)

Description Digital Communication of Analog Sensing

TrueAlarm analog sensors provide an analog measurement digitally communicated to the host control panel using Simplex addressable communications. At the control panel, the data is analyzed and an average value is determined and stored. An alarm or other abnormal



Timed/Multi-Stage Selection per sensor. Sensor Alarm and Trouble LED Indication

alarmed sensors.

Sensor Base Features Base mounted address selection:

Address remains with its programmed location Accessible from front (DIP switch under sensor)

- General features:
- sensor types
- Magnetically operated functional test

TrueAlarm Analog Sensing

condition is determined by comparing the sensor's present value against

Monitoring each sensor's average value provides a continuously shifting reference point. This software filtering process compensates for environmental factors (dust, dirt, etc.) and component aging, providing an accurate reference for evaluating new activity. With this filtering, there is a significant reduction in the probability of false or nuisance alarms caused by shifts in sensitivity, either up or down.

Peak activity per sensor is stored to assist in evaluating specific locations. The alarm set point for each TrueAlarm sensor is determined at the host control panel, selectable as more or less sensitive as the individual

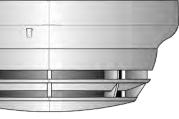


Figure 1: 4098-9714 TrueAlarm Photoelectric Sensor Mounted in Base

Sensor alarm set points can be programmed for timed automatic sensitivity selection (such as more sensitive at night, less sensitive during day). Control panel programming can also provide multi-stage operation

Each sensor base's LED pulses to indicate communications with the panel. If the control panel determines a sensor is in alarm, or is dirty

or has some other type of trouble, the details are annunciated at the control panel and that sensor base's LED will be turned on steadily. During a system alarm, the control panel will control the LEDs such that an LED indicating a trouble will return to pulsing to help identify the

TrueAlarm Sensor Bases and Accessories

 Automatic identification provides default sensitivity when substituting Integral red LED for power-on (pulsing), or alarm or trouble (steady on) Locking anti-tamper design mounts on standard outlet box

* These products have been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listings 7272-0026:218, 7271-0026:231, 7270-0026:216, and 7300-0026:217 for allowable values and/or conditions concerning material presented in this document. Additional listings may be applicable, contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.

S4098-0019 Rev. 25 8/2020

Simplex

Description

Ceiling Mount Addressable Visible (A/V) Notification Appliances are individually addressed audible/visible notification appliances that receive power, supervision, and control signals from a Simplex fire alarm control panel providing **IDNAC** Signaling Line Circuits (SLCs). LED and Xenon tube strobes devices are interoperable on the same IDNAC channel. (See TrueAlert ES A/V LEGACY Compatibility Reference.) Features

Individually addressed and controlled multi-candela TrueAlert ES

A/V (audible/visible) notification appliances provide: Multi-candela xenon strobe with synchronized 1 Hz flash rate and with intensity **programmable from the control panel** or jumper selected as 15, 30, 75 or 110cd on the AV model, or 110, 135 or 185 cd on the AVH model Advanced addressable notification controlled by **IDNAC SLCs**.

• IDNAC SLCs provide regulated 29 VDC allowing horns to operate with lower current • Wiring supervision to each appliance allowing "T-tapped" connections for Class B circuits to simplify wiring (Class A circuits require in/out

wiring) • Self-Test Mode allows on-board sensors to detect the strobe and horn output and then report their status to the control panel • *TrueAlert Device Reports* at the control panel detailing appliance point ID, custom label, type, and candela setting (see sample in TrueAlert Device Reports Reference)

Magnet Test diagnostics to assist checkout and testing of appliances and wiring

• Electrical test point access by removing the cover Compatibility with ADA requirements; (refer to important installation information in Installation Reference) Compatibility with legacy TrueAlert addressable systems for upgrade

and replacement (see TrueAlert ES A/V LEGACY Compatibility Reference) Strobe operation is listed to UL Standard 1971 and ULC Standard S526; Horn operation is listed to UL Standard 464 and ULC Standard

\$525 LED Indicator and Magnet Test feature:

• Appliance LED can be selected to display each polling cycle to indicate **Reduced current usage on IDNAC SLCs** appliance supervision • When the controller is in diagnostic mode, the Magnet Test pulses the LED to indicate appliance address and can be set to also briefly flash the strobe and sound the horn

Mechanical design features Rugged, high impact, flame retardant thermoplastic housing in red with white letters or white with red letters, with clear lens, available with FIRE, FEU, ALERT, FEU/FIRE, or blank lettering

 Separate covers are available to change application type onsite or for replacement • You can use a back box to mount the appliance assembly to the wall. Mount to a 4-inch (10.16 cm) square electrical box

 Covers can be easily removed without disturbing the connected housing and avoiding trouble conditions In/out wiring terminals for 18 AWG to 12 AWG

Optional red wire guards (see Product Selection)

TrueAlert ES Addressable Notification Appliances UL, ULC Listed; FM Approved* Audible/Visible Notification Appliances, Indoor Ceiling Mount Multi-Candela Horn/Strobe, Model Series 49AV

Audible notification appliance (horn): Harmonically rich output sound for either coded or steady operation • Horns sound as Temporal Code 3, March Time pattern, continuous; or Temporal Code 4, controlled separately from visible appliances on the same two-wire circuit

 Selectable March Time rates of 20, 60, or 120 beats per minute Output is "high" or "low" (~5 dBA difference) selectable at the appliance or from the controller with FACP mode selected at the appliance



Figure 1: TrueAlert ES Addressable A/V

Strobe Application Reference Proper selection of visible notification is dependent on occupancy, location, local codes, and proper applications of: the National Fire Alarm and Signaling Code (NFPA 72), ANSI A117.1; the appropriate model building code: BOCA, ICBO, or SBCCI; and the application guidelines of the Americans with Disabilities Act (ADA).

TrueAlert ES Operation Advantage

TrueAlert ES addressable appliances on IDNAC SLCs provide separate visible and audible notification using a single twowire circuit that also confirms connection to the individual notification appliance's electronic circuit. This operation increases circuit supervision integrity by providing supervision that extends beyond the appliance wiring connections.

With IDNAC SLCs, a constant 29 VDC source voltage is maintained, even during battery standby, allowing strobes to operate at higher voltage with lower current and ensuring a consistent current draw and voltage drop margin under both primary power and secondary battery standby. Efficiencies include wiring distances up to 2 to 3 times farther than with conventional notification, or support for more appliances per IDNAC SLC, or use of smaller gauge wiring, or combinations of these benefits, all providing installation and maintenance savings with high assurance that appliances that operate during normal system testing will operate during

worst case alarm conditions. Reducing Installation and Testing Time

information about each connected appliance.

With separate controls on the same two-wire SLC, installation time and expense for both retrofit and new construction can be significantly reduced. When Class B wiring is used, wiring can be "T" tapped, allowing more savings in distance, wire, conduit (size and utilization), and overall installation efficiency. Use of Self-Test and Magnet Test features improve installation efficiency. TrueAlert device reports conveniently identify

* Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co.

S49AVC-0001 Rev. 13 09/2019

