

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

Gensler

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IMPERIAL VALLEY COLLEGE

IVC - SCHOOL OF NURSING

DSA SUBMITTAL - BACKCHECK

05.25.2021

SCHOOL OF NURSING

380 E ATEN ROAD
IMPERIAL, CA 92251

GENSLER PROJECT NUMBER: 055.7853.000

G0.00

GENERAL NOTES

- REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH AS-BUILT DRAWINGS PROVIDED BY THE OWNER AND SHALL AT ONCE REPORT TO THE ARCHITECT ERRORS, INCONSISTENCIES, OR OMISSIONS. THE 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.
- DEFECTIVE WORK. 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 OF THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER 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" DOCUMENTATION. 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 ITEMS 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 COMPANY SO ENTITLED UNDER GOVERNING LAWS AND REGULATIONS, UNLESS REASONABLE AND JUSTIFIABLE CAUSE CAN BE SHOWN. APPROVAL FOR PAYMENT SHALL BE CONTINGENT UPON THE CONTRACTORS OBTAINING AND FURNISHING TO THE ARCHITECT SIGNED RELEASES FROM SUCH INDIVIDUALS OR COMPANIES.
- COORDINATION OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REVIEW AND VERIFICATION OF CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR 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 ARCHITECT AND IS RESPONSIBLE FOR OBTAINING A WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION, OR 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 EQUALITY BASED UPON INFORMATION SUBMITTED BY THE CONTRACTOR, CLEARLY IDENTIFIED AS A "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.
- 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 AT 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 THROUGH. 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, MANUFACTURED 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 WORKERS 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. 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 THAT 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 SPACE. THE CONTRACTOR SHALL PATCH, REFINISH, AND REPAIR ANY DAMAGE CAUSED BY HIM OR HIS SUBCONTRACTORS. MATCH EXISTING 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 NOT LIMITED TO UNEVEN SURFACES AND FINISHES AT GYPSUM BOARD OR DAMAGED FIREPROOFING. PATCH AND REPAIR SURFACES TO MATCH 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 AND 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 MANAGEMENT AS REQUIRED FOR PRINGS AND EXECUTION OF THE WORK.
- 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. ALL WORK SHOWN OR REFERRED TO ON ANY CONTRACT DOCUMENT SHALL BE PROVIDED AS THOUGH THEY ARE ON ALL RELATED DOCUMENTS.
- 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.
- DUPLICATION OF DOCUMENTS. ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT/OWNER AND THE 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 AND 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 EXPENSE AT NO ADDITIONAL COST TO THE OWNER, TENANT OR ARCHITECT.

HAZARDOUS MATERIALS NOTES

- 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.
- THE OWNER ACKNOWLEDGES THAT IT ACCEPTS RESPONSIBILITY FOR NOTIFYING THE APPROPRIATE FEDERAL, STATE, AND AUTHORITIES HAVING JURISDICTION FOR ANY DEMOLITION, CONSTRUCTION, OR REPAIR WORK.
- 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.
- 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.
- 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

- 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 JURISDICTION 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.
- THE SPECIAL INSPECTOR MUST BE REGISTERED BY THE CITY HAVING JURISDICTION, DEVELOPMENT SERVICES, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
- 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:**
- 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

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03 - Mechanical	M03.001	MECHANICAL DETAILS
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06 - Fire Alarm:	2	

PROJECT TEAM

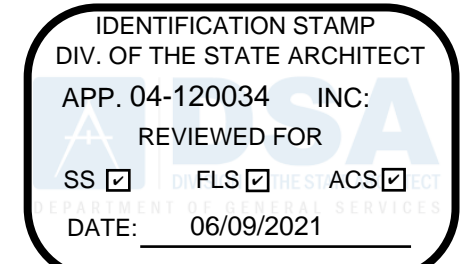
OWNER	IMPERIAL VALLEY COLLEGE 380 E ATEN ROAD, IMPERIAL, CA 92251 760.355.6427/
TELEPHONE/FAX: CONTACT:	JOE JACKSON
ARCHITECT	GENSLER 225 BROADWAY, SUITE 100 SAN DIEGO, CA 92101 619.557.2500/ 619.557.2520(FAX) STEVEN SHINN
TELEPHONE/FAX: CONTACT:	
GENERAL CONTRACTOR	TBD
TELEPHONE/FAX: CONTACT:	
MECHANICAL ENGINEER	IDS GROUP 9636 TIERRA GRANDE STREET, SUITE 200, SAN DIEGO, CA 92126 949.387.8500/
TELEPHONE/FAX: CONTACT:	ERIC GLATZL
ELECTRICAL ENGINEER	IDS GROUP 9636 TIERRA GRANDE STREET, SUITE 200, SAN DIEGO, CA 92126 949.387.8500/
TELEPHONE/FAX: CONTACT:	ROBIN O'NEIL
PLUMBING ENGINEER	IDS GROUP 9636 TIERRA GRANDE STREET, SUITE 200, SAN DIEGO, CA 92126 949.387.8500/
TELEPHONE/FAX: CONTACT:	ERIC GLATZL

PROJECT INFORMATION

ADDRESS:	380 E ATEN ROAD IMPERIAL, CA 92251
FLOOR/SUITE:	BUILDING 2100
AREA OF WORK:	3,820 SF
CONSTRUCTION TYPE:	V-A
OCCUPANCY:	A-3 & B
NUMBER OF STORIES:	1

SCOPE OF WORK

- PARTIAL FLOOR TENANT IMPROVEMENT INCLUDING SELECTIVE NON-STRUCTURAL DEMOLITION, NEW INTERIOR NON-LOAD BEARING PARTITIONS, MECHANICAL, PLUMBING, ELECTRICAL, FIRE/LIFE-SAFETY, AND FINISHES.
- NO NEW MECHANICAL UNITS, DUCT AND REGISTER RE-WORK ONLY.
- NEW ELECTRICAL (LIGHTING, RECEPTACLES) AS SHOWN ON PLAN.
- NO STRUCTURAL WORK.



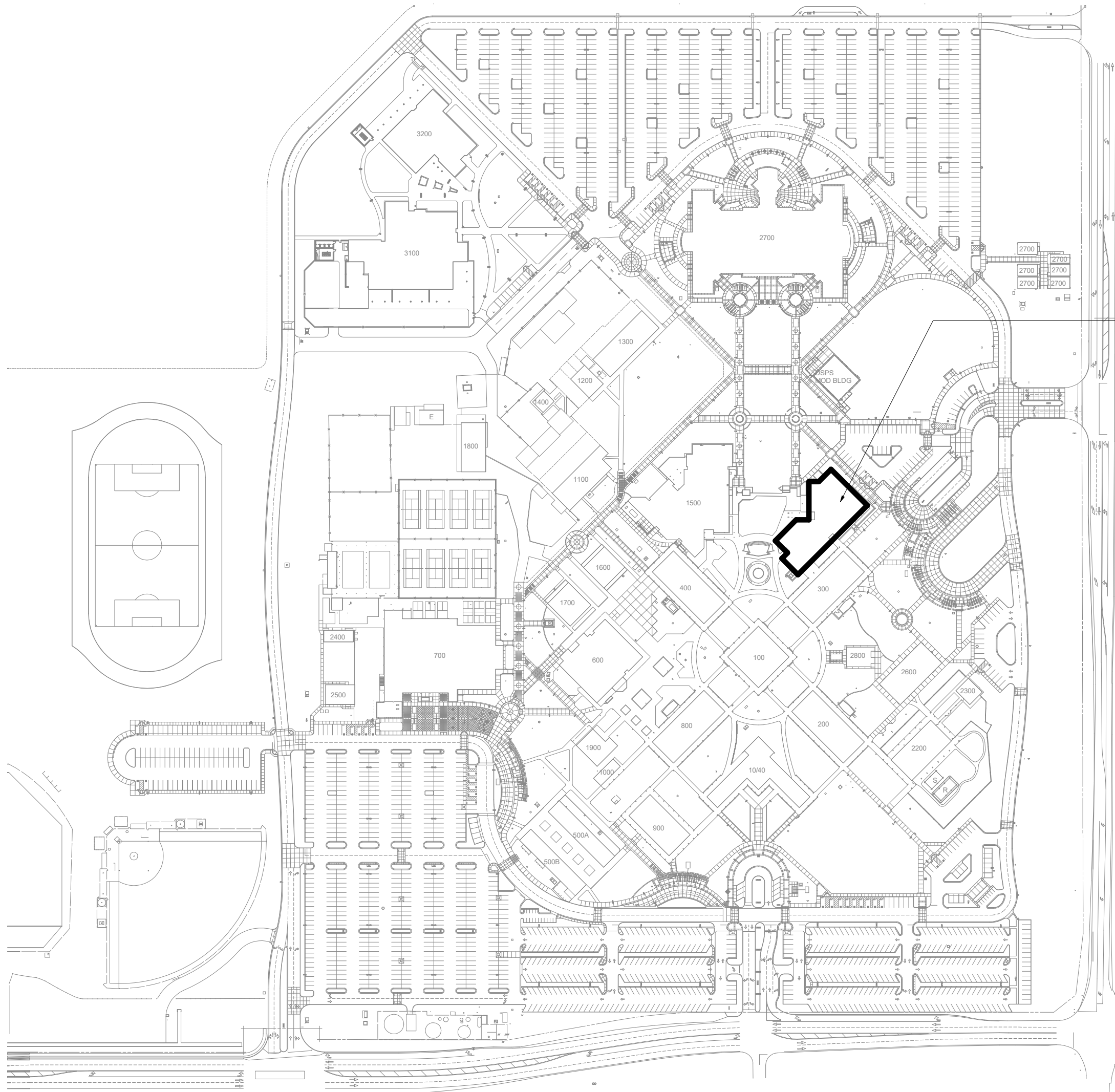
IMPERIAL VALLEY COLLEGE

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IMPERIAL, CA 92251

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OVERALL CAMPUS MAP



PROJECT SITE BUILDING 2100

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name

IVC - SCHOOL OF NURSING

Project Number

055.7853.000

Description

LEVEL 01
GENERAL PROJECT INFORMATION

Scale

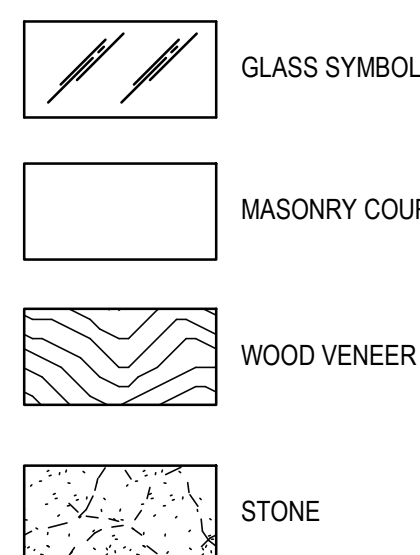
1" = 200'-0"

G00.000

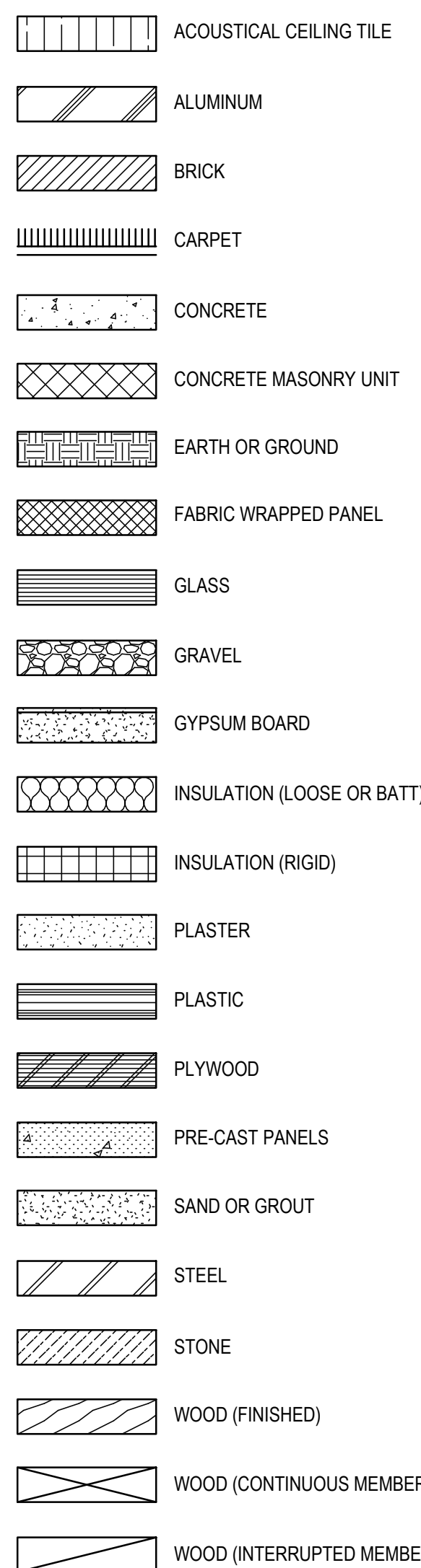
SK	SINK	O, O'	OVER	HVY	HEAVY	EA	EACH	ABV	ABOVE
SLV	SLOTTED	O TO O	OUT TO OUT	HW	HOT WATER or HEAVY WALL	ECC	ECCENTRIC	ACCES	ACCESSORY
SNT	SLEEVE	OA	OVERALL	HWC	HOT WATER CIRCULATING	ED	EMERGENCY DRAIN	ACI	AMERICAN CONCRETE
SP	SEALANT	OC	ON CENTER	HWD	HARDWOOD	EJ	EJECTOR	ADDL	ADDITIONAL
SPEC	SPECIFICATION	OD	OUTSIDE DIAMETER	HWH	HOT WATER HEATER	EL	ELEVATION or ELEVATOR	ADJ	ADJACENT
SPECS	SPECIFICATIONS	OF	OUTSIDE FACE	HWR	HOT WATER	ELAST	ELASTOMERIC	AF	ABOVE FINISH FLOOR
SPK	SPEAKER	OFF	OFFICE	HWS	HYDRULIC	ELEV	ELEVATOR or ELEVATION	ALT	ALTERNATE, ALTERATION or
SPL	SPECIAL	OH	OVERHEAD	HVY	HIGHWAY	ELP	EMERGENCY LIGHTING	ALUM	ALUMINUM
SPLR	SPRINKLER	OHD	OVERHEAD DOOR	HYD	HYDRAULIC	EMER	EMERGENCY	AMT	AMOUNT
SQ	SQUARE	OPNG	OPENING	HYDRO	HYDROSTATIC	ENAM	ENAMEL	ANCH	ANCHOR
SS	STAINLESS STEEL	OPP	OPPOSITE	ID	INSIDE DIAMETER	ENCL	ENCLOSURE	ANOD	ANCHOR, ANCHORAGE
SSD	SUB-SOIL DRAIN	OPPH	OPPOSITE HAND	IN	INCH	ENCL	ENCLOSURE	ANNUNC	ANNOUNCED
SSGS	SILICONE STRUCTURAL GLAZING SEALANT	ORNA	ORNAMENTAL	INCD	INCANDESCENT	ENGR	ENGINEER	ANT	ANNUNCIATOR
STC	SOUND TRANSMISSION CLASS	OSD	OPEN SIGHT DRAIN	INCR	INCREASE	ENT	ENTRANCE	APPL	APPLIANCE
STD	STANDARD	OUT	OUTLET	INFIL	INFILTRATION	EPDM	ETHYLENE PROPYLENE	APPROX	APPROXIMATE
STG	SEATING	OVFL	OVERFLOW	INFO	INFORMATION	EQU	EQUAL	ARCH	APPROVED
STGG	STRUCTURAL GLAZING GASKET	OZ	OUNCE	INSP	INSPECT	EQUIP	EQUIPMENT	ARCHITECT, ARCHITECTURAL	ARCHITECT, ARCHITECTURAL
STGR	STAGGER	P, S/L	PIPE SLEEVE	INSTRUM	INSTRUMENT	ESC	ESCALATOR	ASPH	ASPHALT
STIFF	STIFFENER	P, LAM	PLASTIC LAMINATE	INT	INTERIOR or INTERNAL	EST	ESTIMATE	ASSOC	ASSOCIATION, ASSOCIATE
STL	STEEL	PA	PUBLIC ADDRESS	INTERM	INTERMEDIATE	EWH	ELECTRIC WATER HEATER	ASSY	ASSEMBLY
STM	STEAM	PB	PULL BOX	INTLK	INTERLOCK, INTERLOCKING	EX	EXISTING	AUTH	AUTHORIZED
STOR	STORAGE	PBD	PARTICLE BOARD	INTLK	INTERLOCK, INTERLOCKING	EX	EXISTING	AVG	AVERAGE
STR	STRAIGHT (RE-BARS)	PCF	POUNDS PER CUBIC FOOT	JAN	JANITOR	EXCAV	EXCAVATE	B TO B	BACK TO BACK
STRUC	STRUCTURAL	PCPL	PORTLAND CEMENT	JAN	JANITOR	EXC	EXCAVATE	B/	BOTTOM (OF)
STRUCT	STRUCTURAL	PL	PLASTER	J-BOX	JUNCTION BOX	EXH	EXHAUST	BD	BOARD
STW	STORM WATER	PD	PEDESTAL or PEDESTRIAN	JC	JANITOR'S CLOSET	EXH AIR	EXHAUST AIR	or BLDG	or BUILDING DEPARTMENT
STW SUPP	SUPPLEMENTARY	PERF	PERFORATE	JCT	JUNCTION	EXIST	EXISTING	BETW	BETWEEN
SUR	SURFACE	PERM	PERIMETER	JST	JOIST	EXP	EXPANSION or EXPOSED	BEV	BEVEL
SURF	SURFACE	PERP	PERPENDICULAR	JT	JOINT	EXP JT	EXPANSION JOINT	BLDG	BUILDING
SUSP	SUSPENDED, SUSPEND	PKG	PARKING	KG	KILOGRAM	EXPN	EXPANSION	EXG	EXISTING
SW	SWITCH	PKWY	PARKWAY	KIP	KILOPOUND (1000 POUNDS)	EXPOSED	EXPOSED	BLK	BLOCK
SY	SQUARE YARD	PL	PLATE	KIT	KITCHEN	EXT	EXTERIOR	BLKG	BLOCKING
SYM	SYMMETRICAL	PLAM	PLASTIC LAMINATE	KO	KNOCKOUT	EXTR	EXTRUDE	BLW	BELOW
SYN	SYNTHETIC	PLAS	PLASTER	KPL	KICKPLATE	F	DEGREES FAHRENHEIT	BM	BEAM or BENCH MARK
SYS	SYSTEM	PLBG	PLUMBING	KVA	KILOVOLT-AMPERE	FAB	FABRICATE, FABRICATION	BOL	BOLLARD
		PLF	POUNDS PER LINEAL FOOT	KWH	KILOWATT HOUR	FAR	FLOOR AREA RATIO	BOT	BOTTOM
		PLMBG	PLUMBING	LA	LANDSCAPE ARCHITECT	FAS	FASTENER or FASTEN	BRDG	BRIDGE, BRIDGING
		PLSTC	PLASTIC	LAB	LABORATORY, LABOR	FC	FOOT CANDLE	BRDLM	BROADLOOM
		PLT	PLATFORM	LAD	LADDER	FD	FLOOR DRAIN	BRG	BEARING
		PLYND	PLYWOOD	LAM	LAMINATE, LAMINATED	FD	FLOOR DRAIN	BRKT	BRACKET
		PNEU	PNEUMATIC	LAT	LATERAL	FD	FLOOR DRAIN	BRZ	BRONZE
T&G	TONGUE & GROOVE	PNT	PAINT	LAV	LAVATORY	FD	FLOOR DRAIN	BU	BUILT-UP
TJ	TOP	POL	POLISH, POLISHED	LAV	LAVATORY	FD	FLOOR DRAIN	BUR	BUILT-UP ROOF
TAN	TANGENT	POLYST	POLYSTYRENE	LB	POUND (WEIGHT)	FD	FLOOR DRAIN	BW	BOTH WAYS
TC	TOP OF CURB	POT	POTABLE WATER	LBL	LABEL	FDN	FOUNDATION	C/C	CENTER TO CENTER
TD	TRENCH DRAIN	PAIR	PAIR	LBR	LUMBER	FE	FIRE EXTINGUISHER	CAB	CABINET
TEL	TELEPHONE	PR	PRECAST	LDD	LIQUID CRYSTAL DIODE	FEC	FIRE EXTINGUISHER	CAP	CAPACITY
TEMP	TEMPORARY	PRE	PREFINISHED	LH	LEFT HAND	FFAE	FIXTURES, FURNISHINGS	CTV	CLOSED CIRCUIT TV
TERR	TERRAZZO	PREFAB	PREFABRICATED	LIB	LIBRARY	FGR	FIBERGLASS REINFORCED	CEM	CEMENT, CEMENTITIOUS
THK	THICK	PREFIN	PREFINISHED	LIN	LINEAR	FHC	FIRE HOSE CABINET	CER	CERAMIC
THRESH	THRESHOLD	PRESSE	PRESSURE	LIND	LINOLEUM	FH	FIRE HYDRANT	CF	CUBIC FEET
THRU	THROUGH	PRI	PRIMARY	LIQ	LIQUID	FIN	FINISH, FINISHED	CFL	COUNTERFLASHING
TKBD	TACKBOARD	PRTN	PARTITION	LL	LIVE LOAD	FKT	FIXTURE	CFT	CUBIC FOOT
TL	TOILET	PSF	POUNDS PER SQUARE FOOT	LN	LENGTH	FL	FLOOR or FIRE LINE	CHR	CHILLED WATER RETURN
TOC	TOP OF CONCRETE	PTC	POST-TENSIONED	LNDG	LANDING	FLASH	FLASHING	CHAM	CHAMFER
TOL	TOLERANCE	PTD	PAINTED	UNTL	UNTELED	FLD	FOLDING	CHS	CHILLED WATER SUPPLY
TOS	TOP OF SLAB	PTN	PARTITION	LOC	LOCATE	FLEX	FLEXIBLE	CJ	CONTROL JOINT
TOW	TOP OF WALL	PT	PAINT	LOCS	LOCATIONS	FLG	FLOORING	CL	CENTERLINE
TPTN	TOILET PARTITION	PTV	PRIVATE	LP	LOW POINT	FLR	FLOOR	CLG	CAULKING
TRAF	TRAFFIC	PWR	POWER	LT	LIGHT	FLR	FLOOR	CLR	CLEAR
TRANS	TRANSPARENT	QT	QUARRY TILE	LT WT	LIGHT WEIGHT	FLM	FACTORY MUTUAL COMPANY	CLT OPG	CLEAR OPENING
TRD	TREAD	QTR	QUARTER	LV	LOW VOLTAGE	FO	FINISHED OPENING	CM	CONCRETE MASONRY UNIT
TRAV	TRAVERTINE	QTY	QUANTITY	LVLG	LEVELING	FOC	FACE OF CONCRETE	CND	CONDITION
TRD	TREAD	QVAL	QUALITY	LVR	LOUVER	FOF	FACE OF FINISH	CNTR	CENTER or COUNTER
TRD	TREAD	RA	RETURN AIR	LWC	LIGHT WEIGHT CONCRETE	FOS	FACE OF STUDS	COATG	COATING
TRD	TREAD	RAD	RADIUS	M	METER	FP	FIREPROOF	COEF	COEFFICIENT
TRD	TREAD	RADN	RADIANT	MACH	MACHINE	FR	FIRE RATING	COILG	COILING
TRD	TREAD	RB	RUBBER BASE	MAINT	MAINTENANCE	FRM	FRAME	COL	COLUMN
TRD	TREAD	RBT	RABBIT	MAN	MANUAL	FRPF	FIREPROOF	COM	COMMON
TRD	TREAD	RCP	REFLECTED CEILING PLAN	MAR	MARBLE	FR	FIRE RATING	COMB	COMBINATION
TRD	TREAD	RD	ROOF DRAIN	MARB	MARBLE	FRM	FRAME	COMP	COMPRESSED
TRD	TREAD	RDR	READER	MAS	MASONRY	FRPF	FIREPROOF	COMPT	COMPARTMENT
TRD	TREAD	REAR	REAR	MATL	MATERIAL	FSCW	FLOOR SINK	CON	CONSTRUCTION
TRD	TREAD	REC	RECEIVER	MD	MEDIUM	FT	FOOT	COND	CONDENSER or CONDUIT
TRD	TREAD	RECEP	RECEPTACLE	ME	MECHANICAL ENGINEER	FTG	FITTING	CONN	CONNECTION
TRD	TREAD	RECES	RECESSED	MECH	MECHANICAL	FURN	FURNITURE	CONST	CONSTRUCTION
TRD	TREAD	RED	REDUCER	MEMB	MEMBRANE	FURN	FURNITURE	CONTR	CONTROL
TRD	TREAD	REF	REFRIGERATOR	MEZ	MEZZANINE	FUT	FUTURE	CONV	CONTRACTOR
TRD	TREAD	REFL	REFLECTED	MFG	MANUFACTURED	FVC	FIRE VALVE CABINET	CONV	CONTRACTOR
TRD	TREAD	REFR	REFRIGERATOR	MH	MANHOLE	FWR	FABRIC WALL COVERING	CONV	CONTRACTOR
TRD	TREAD	REG	REGULAR	MHO	MAGNETIC HOLD OPEN	FXD	FIXTURE	COR	CORNER or CORRIDOR
TRD	TREAD	REIN	REINFORCEMENT	MIR	MIRROR	FXTR	FIXTURE	CORR	CORRIDOR or CORRUGATE
TRD	TREAD	REIN	REINFORCEMENT	MISC	MISCELLANEOUS	GA	GALVE	COV	COVER
TRD	TREAD	REIN	REINFORCEMENT	MK	MARK	GALV	GALVANIZED	COP	COPPER
TRD	TREAD	REIN	REINFORCEMENT	MLDG	MOLDING	GC	GENERAL CONTRACTOR	CPT	CARPET
TRD	TREAD	REIN	REINFORCEMENT	MLWK	MILLWORK	GD	GUTTER DRAIN	CR	CARD READER
TRD	TREAD	REIN	REINFORCEMENT	MM	MILLIMETER	GEN	GENERATOR	CRS	COURSE or COLD
TRD	TREAD	REIN	REINFORCEMENT	MMB	MEMBRANE	GENL	GENERAL	CRS	COURSE or COLD
TRD	TREAD	REIN	REINFORCEMENT	MOD	MODULE	GFRG	GLASS FIBER REINFORCED	CSG	CASING
TRD	TREAD	REIN	REINFORCEMENT	MOIST	MOISTURE	GFRG	GLASS FIBER REINFORCED	CSTG	CASTING
TRD	TREAD	REIN	REINFORCEMENT	MONO	MONOLITHIC	GFRP	GLASS FIBER REINFORCED	CT	CERAMIC TILE or CORK TILE
TRD	TREAD	REIN	REINFORCEMENT	MOT	MOTOR (RATED)	GL	GLASS	CTD	COATED
TRD	TREAD	REIN	REINFORCEMENT	MOV	MOVABLE	GLD	GULLY DRAIN	CTR	CENTER or COUNTER
TRD	TREAD	REIN	REINFORCEMENT	MP	METAL ACOUSTAL PANEL	GKT	GASKET	CTS	COUNTERSINK
TRD	TREAD	REIN	REINFORCEMENT	MR	MOP RECEPTOR	GL	GLASS	CU, FT.	CUBIC FEET
TRD	TREAD	REIN	REINFORCEMENT	MRO	METAL ROOF DECK	GL BLK	GLASS BLOCK	CU, YD.	CUBIC YARD
TRD	TREAD	REIN	REINFORCEMENT	MTD	MOUNTED	GLZ	GLAZE	CUR	CURB
TRD	TREAD	REIN	REINFORCEMENT	MTL	METAL	GND	GROUND	CV	CURRENT
TRD	TREAD	REIN	REINFORCEMENT	MTR	MOTOR	GOVT	GOVERNMENT	CW	COLD WATER
TRD	TREAD	REIN	REINFORCEMENT	MULL	MULLION	GPH	GALLONS PER HOUR	CWP	CIRCULATING WATER PUMP
TRD	TREAD	REIN	REINFORCEMENT	MWK	MILLWORK	GPM	GALLONS PER MINUTE	CWR	CONDENSATE WASTE
TRD	TREAD	REIN	REINFORCEMENT	NAT	NATURAL	GPS	GALLONS PER SECOND	CWS	CONDENSATE WASTE
TRD	TREAD	REIN	REINFORCEMENT	NEUT	NEUTRAL	GRTG	GRATING	CY	CYCLE
TRD	TREAD	REIN	REINFORCEMENT	NIC	NOT IN CONTRACT	GT	GROUT	CYL	CYLINDER
TRD	TREAD	REIN	REINFORCEMENT	NMT	NON-METALLIC	GV	GALVANIZED	DB	DECIBEL
TRD	TREAD	REIN	REINFORCEMENT	NO	NUMBER	GYP	GYP	DC	DIRECT CURRENT
TRD	TREAD	REIN	REINFORCEMENT	NOM	NOMINAL	GYP-BD	GYP	DD	DECK DRAIN
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HB	HOSE BIB	DEG	DEGREE
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HC	HOLLOW CORE	DEMO	DEMOLITION
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HD	HEAD, HEADER	DEPT	DEPTH
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	DES	DESIGNED
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	DET	DETAIL
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	DIAG	DIAGONAL
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	DIA	DIAMETER
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	DIF	DIFFUSER
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	DM	DIMENSION
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	DSP	DISPENSER
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	DIV	DIVISION
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	DWD	DEMOUNTABLE
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	DN	DOWN
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	DO	DOOR OPENING
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	DPR	DAMPER
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	DR	DOOR
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	DRN	DRAIN
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	DSCN	DISCONNECT
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	DSP	DRY STANDPIPE
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	DTL	DETAIL
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	DWG	DRAWING
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	HS	HOUR
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	HVGS	HIGH POINT
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	HT	HEAT STRENGTHENED
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER	HTG	HEIGHT
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER	HTR	HEATING
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER	HTW	HEATER
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")	HVAC	HEATING, VENTILATING & AIR CONDITIONING
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDR	HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDI	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDM	HEAD, HEADER		
TRD	TREAD	REIN	REINFORCEMENT	NR	NOISE REDUCTION	HDP	HANDICAPPED (BETTER CALLED "ACCESSIBLE")		
TR									

GRAPHIC SYMBOLS (CONT)

ELEVATION INDICATIONS

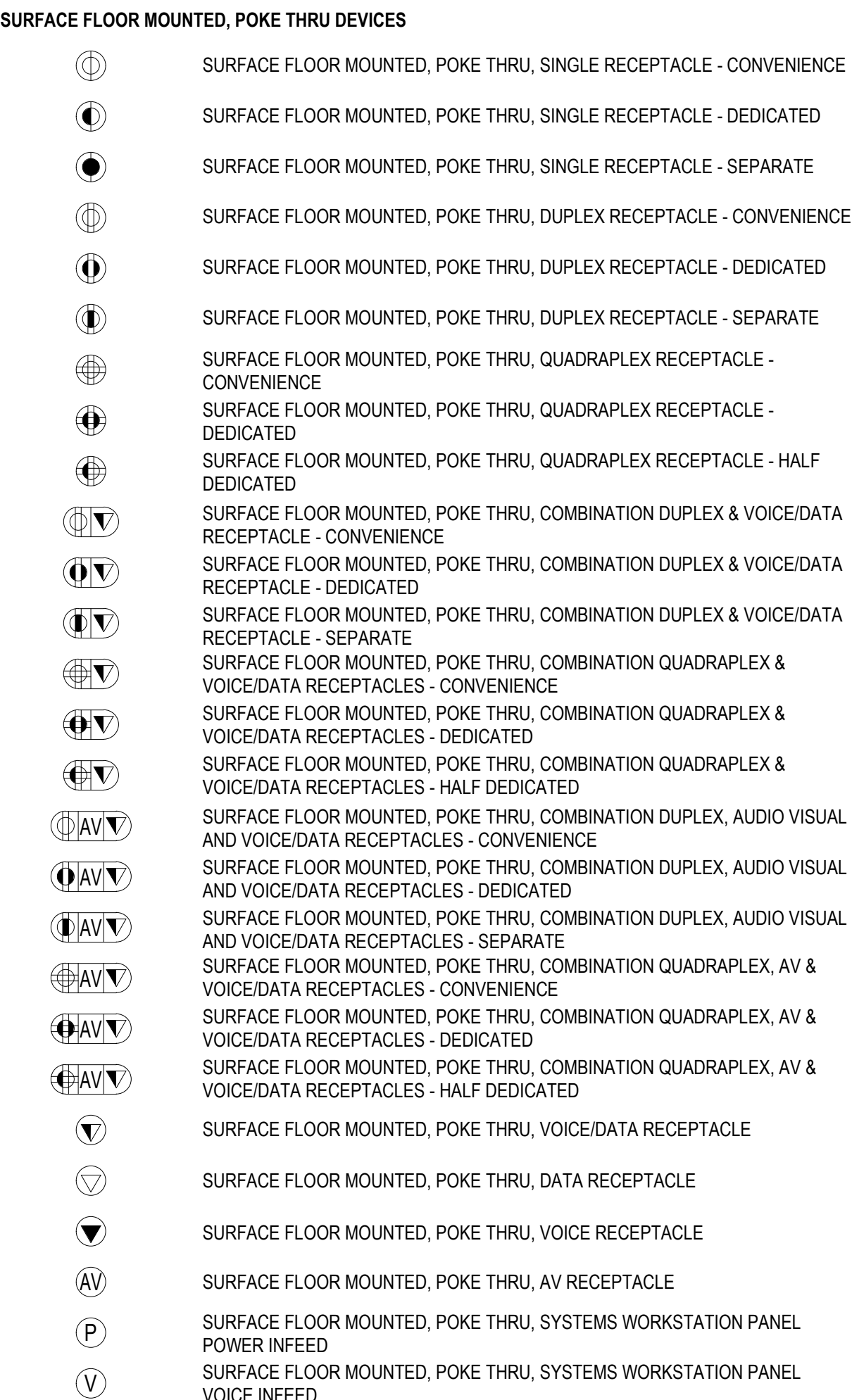


SECTION INDICATIONS

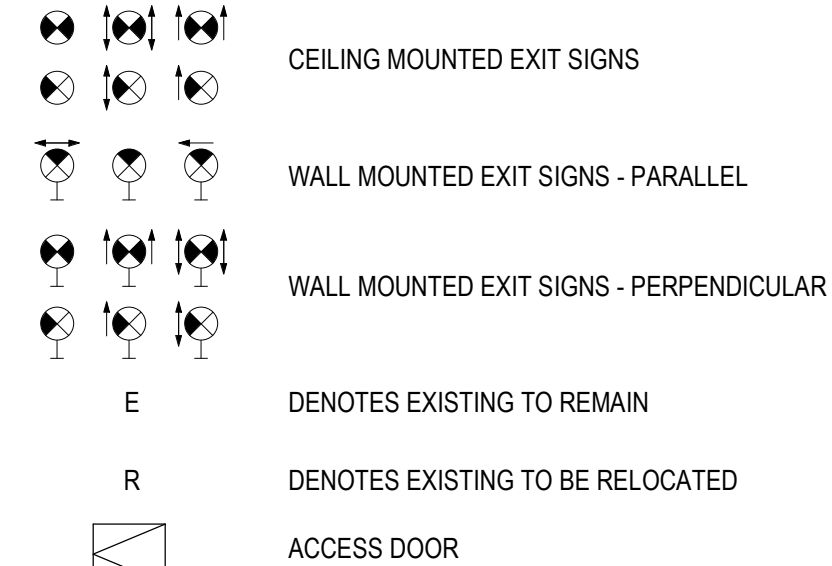
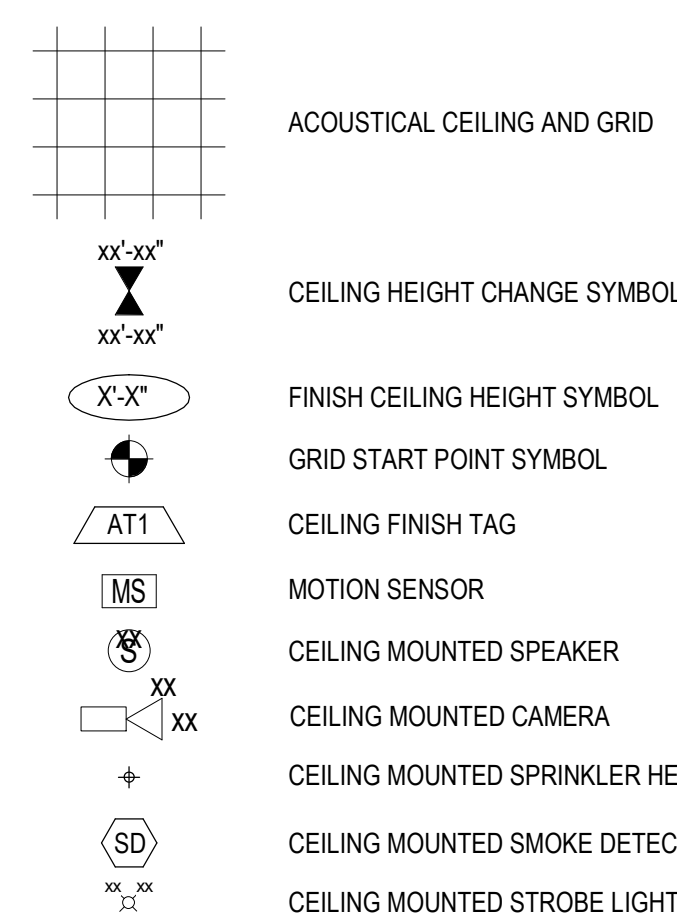


GRAPHIC SYMBOLS (CONT)

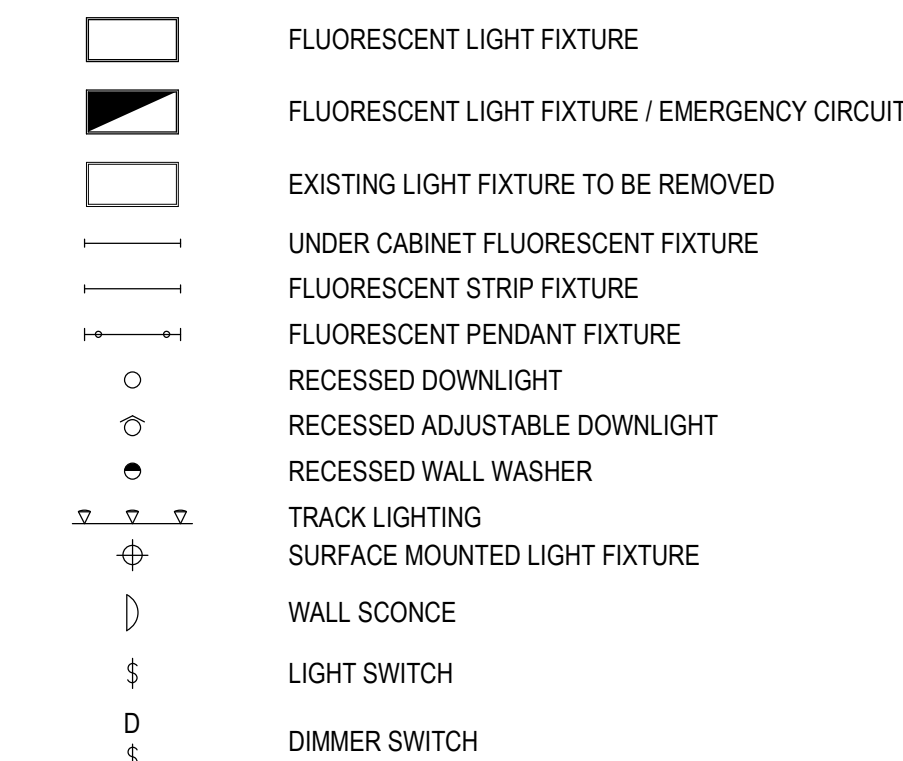
POWER AND COMMUNICATION, CONT



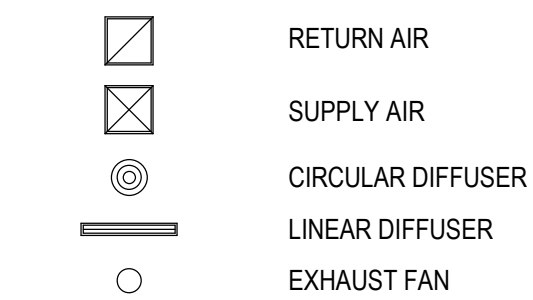
REFLECTED CEILING



LIGHT FIXTURES

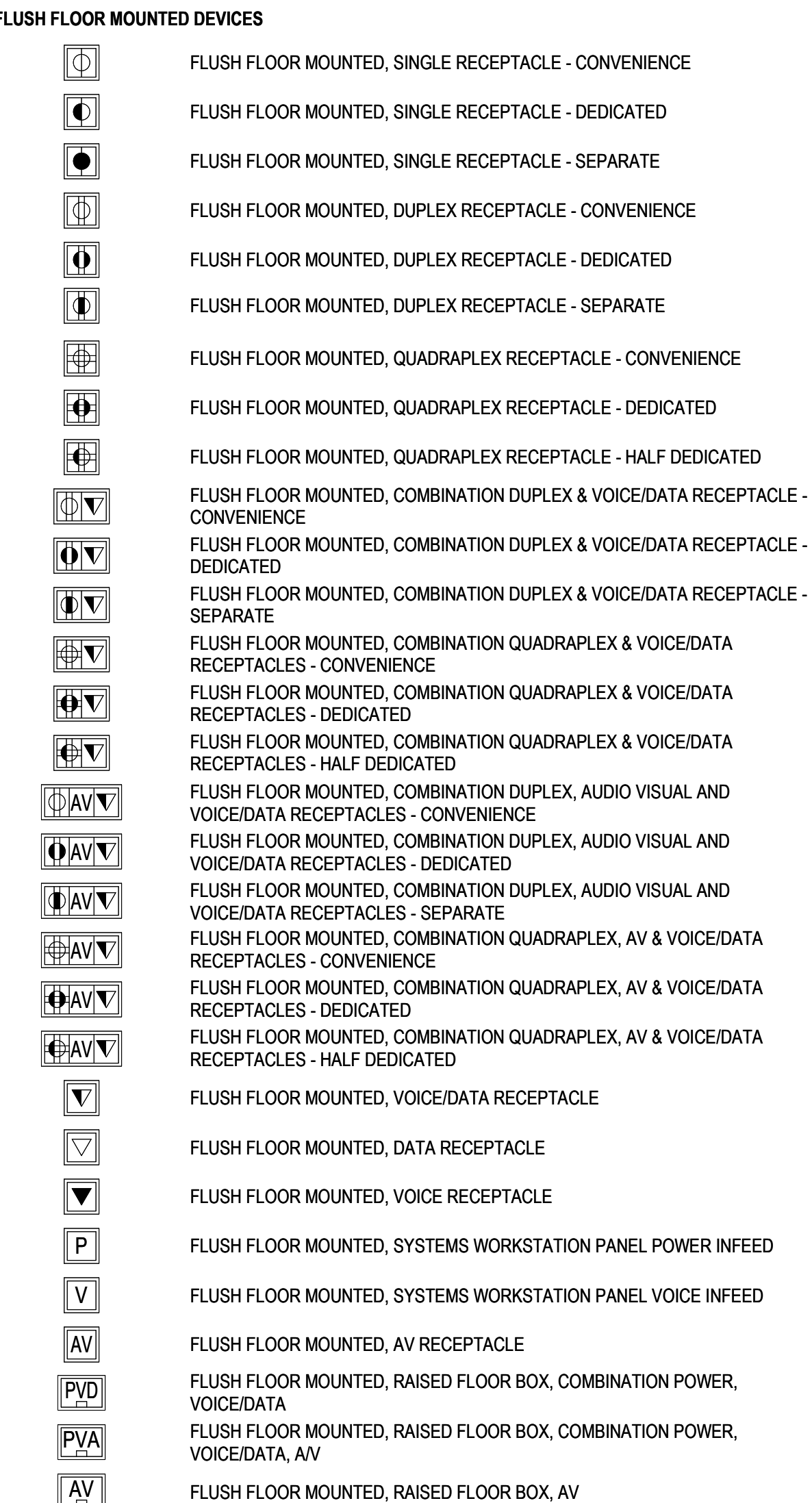


MECHANICAL FIXTURES

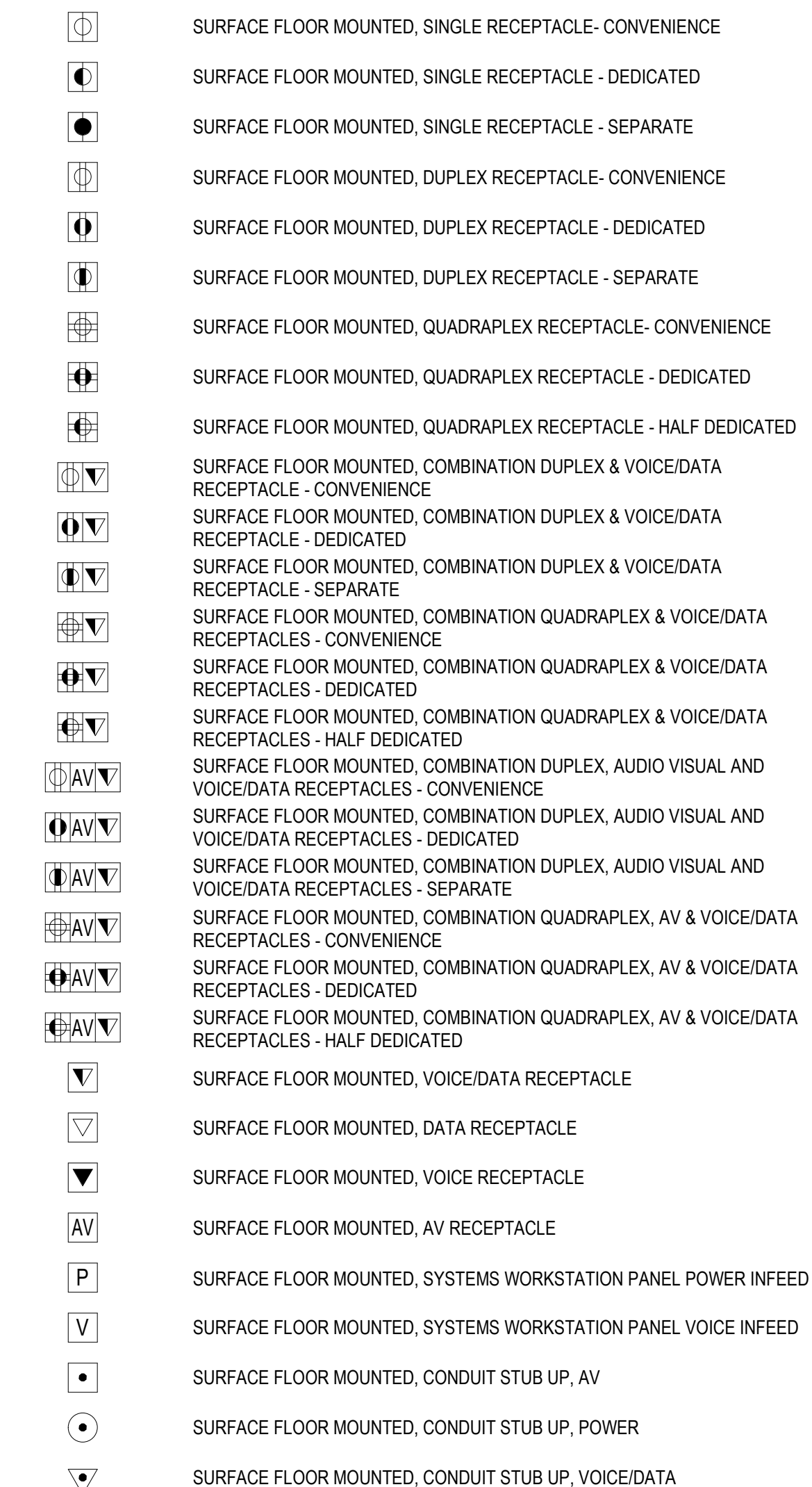


GRAPHIC SYMBOLS (CONT)

POWER AND COMMUNICATION, CONT

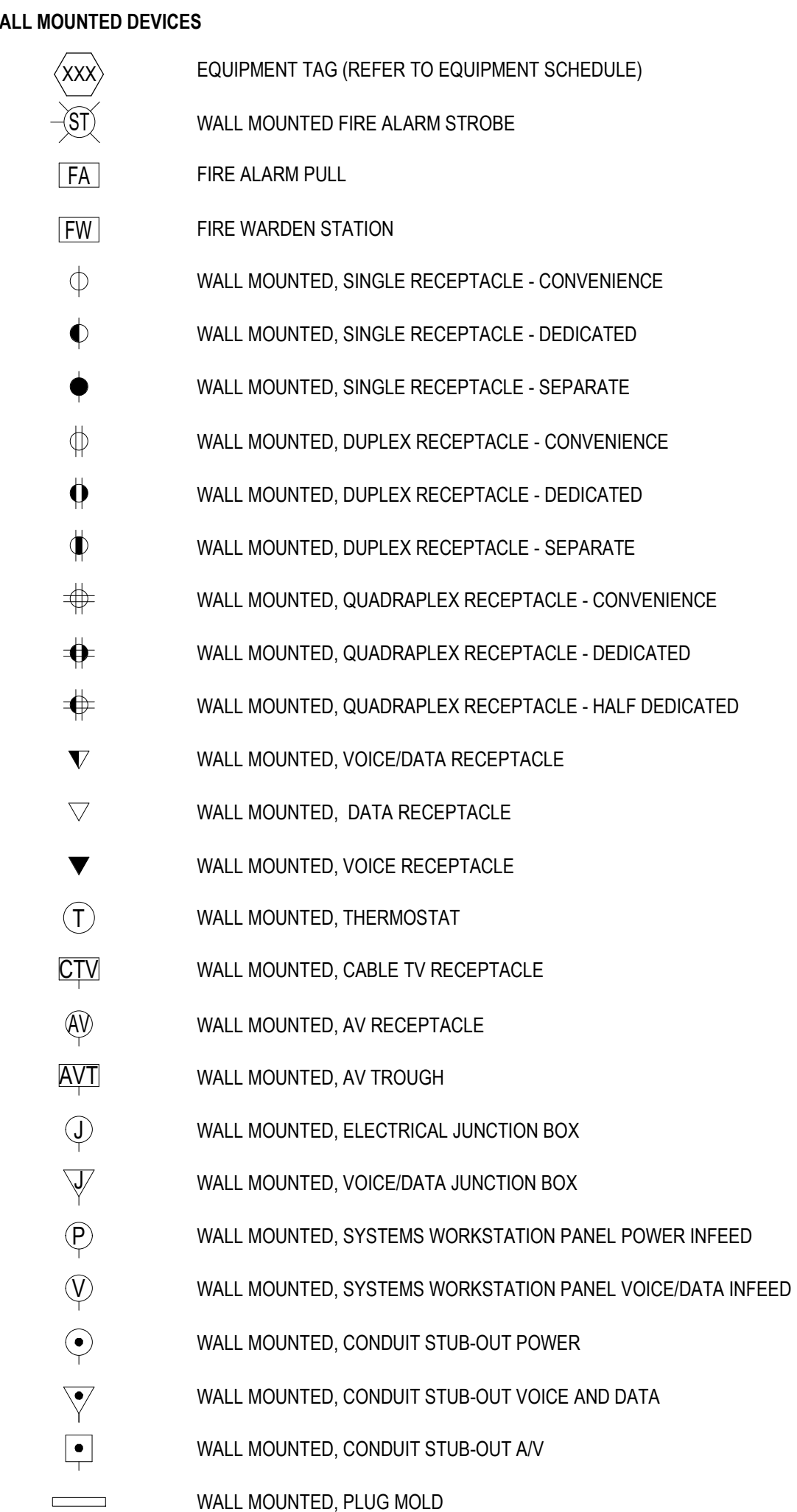


SURFACE FLOOR MOUNTED DEVICES

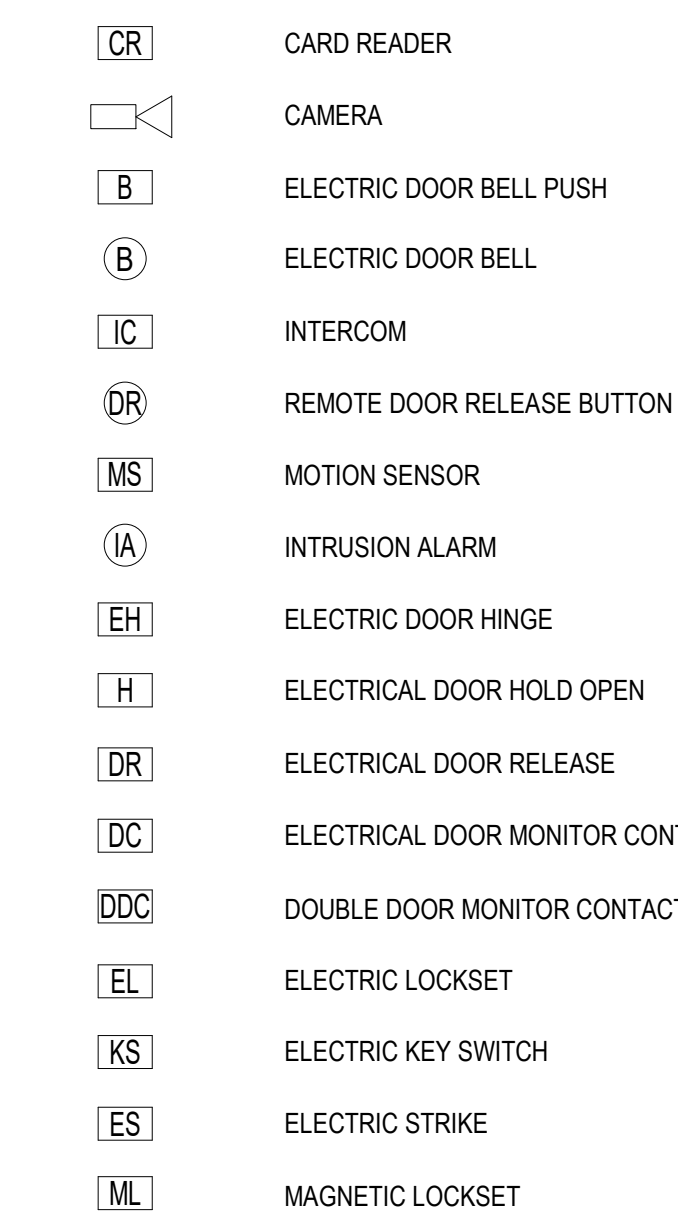


GRAPHIC SYMBOLS (CONT)

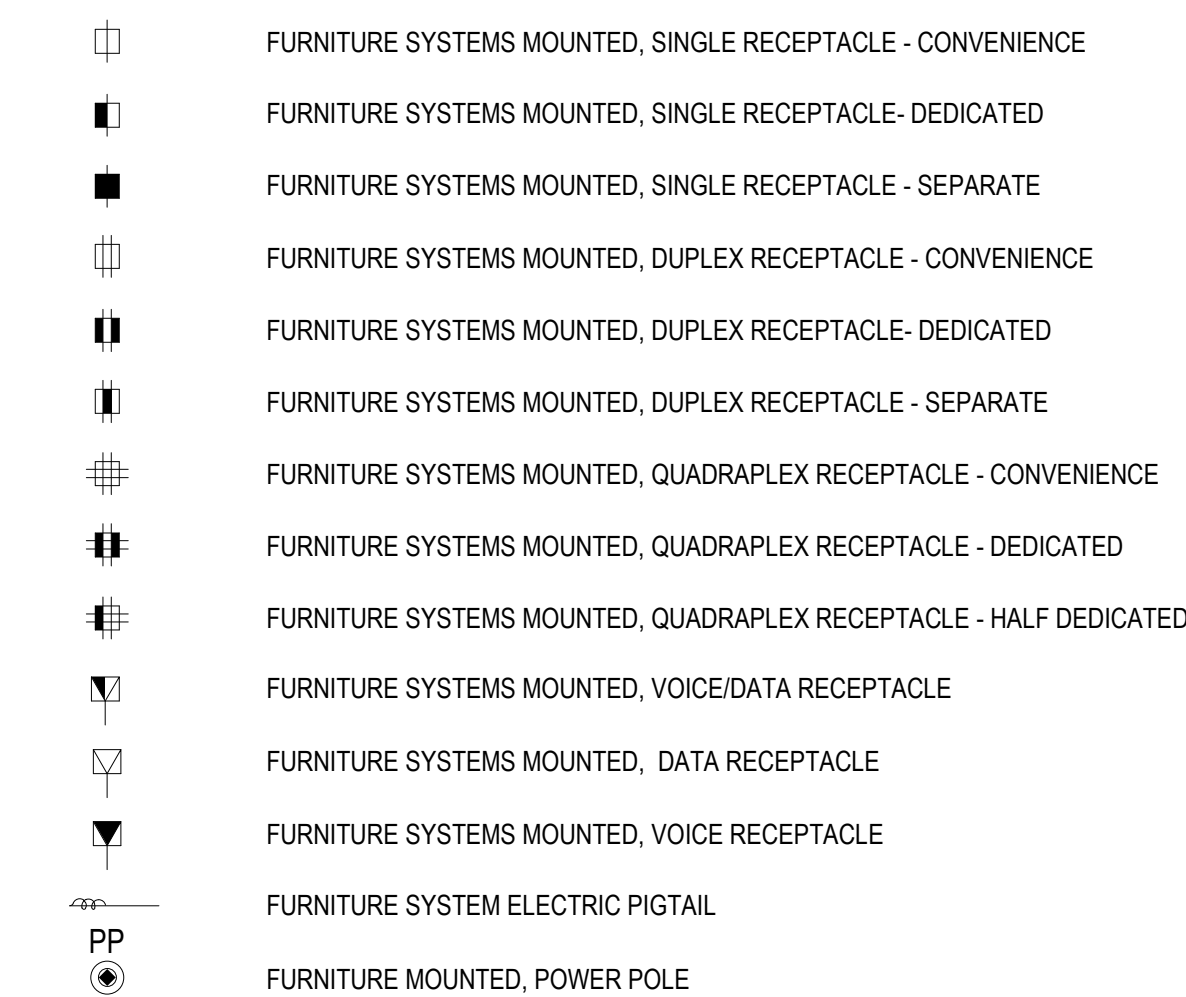
POWER AND COMMUNICATION



SECURITY DEVICES

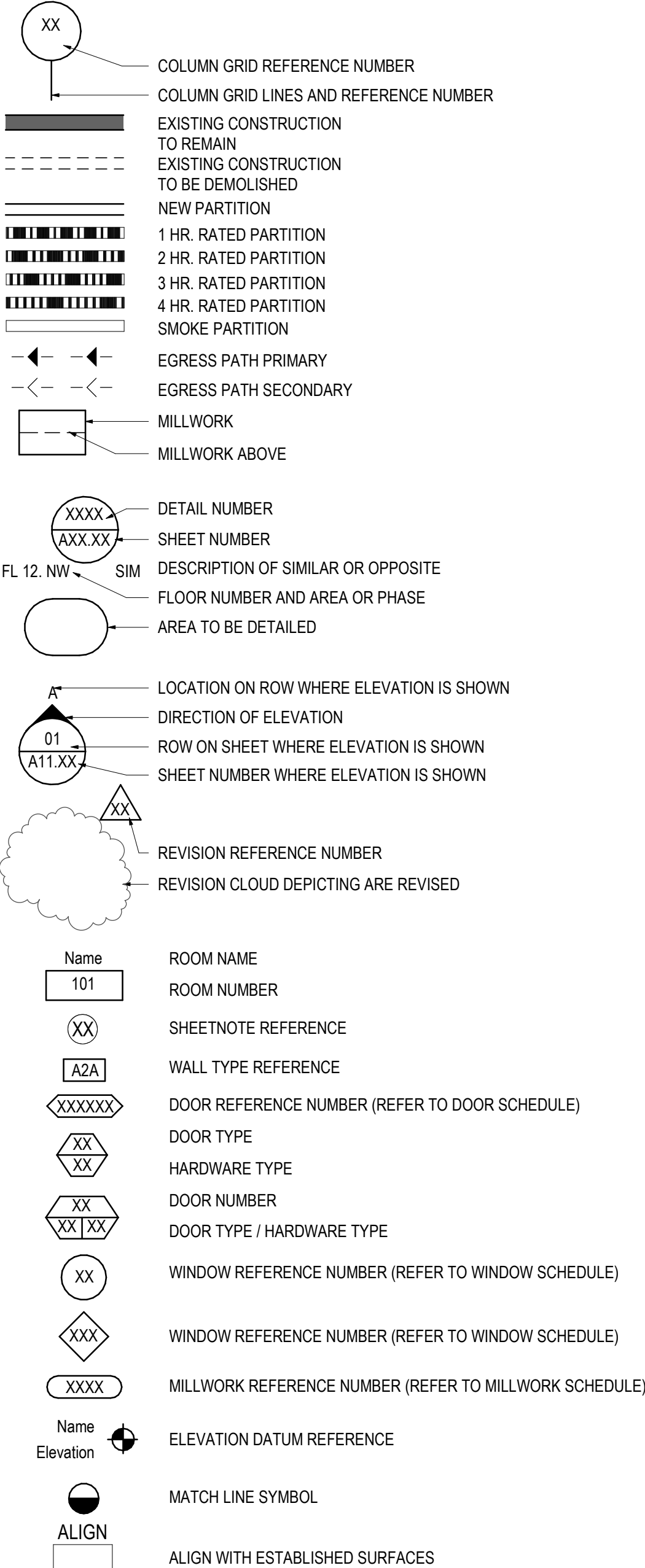


FURNITURE SYSTEMS MOUNTED DEVICES

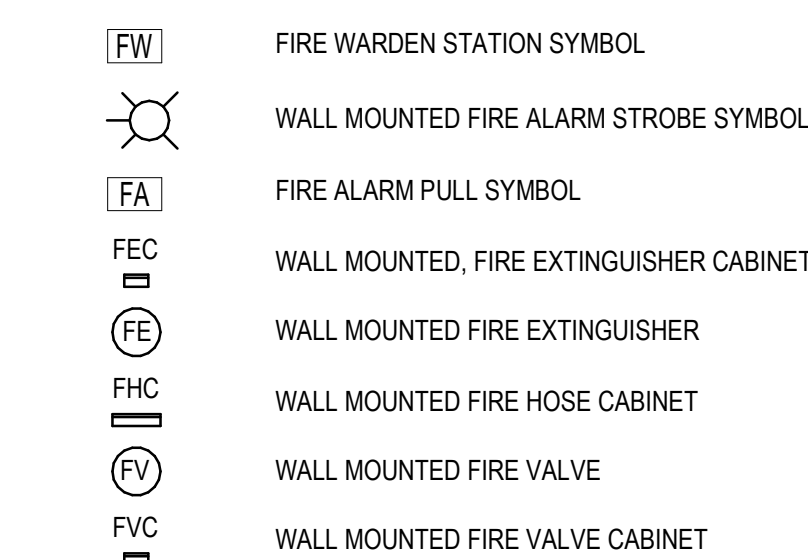


GRAPHIC SYMBOLS

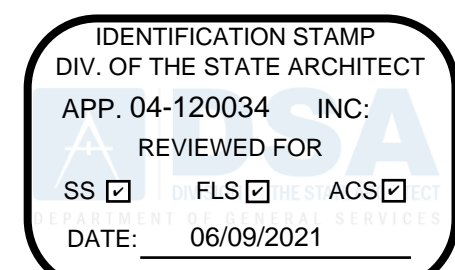
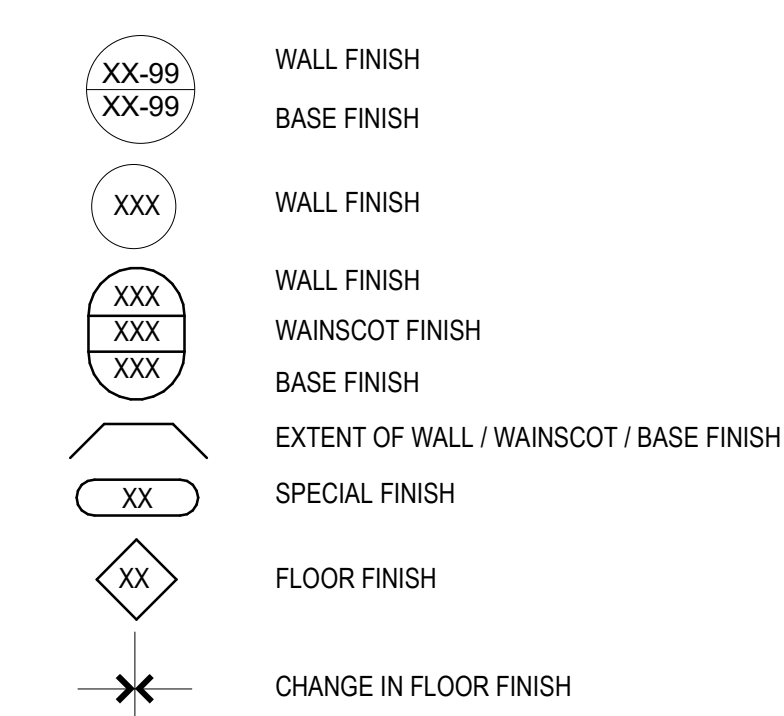
CONSTRUCTION



WALL MOUNTED LIFE SAFETY EQUIPMENT AND DEVICES



FINISH



IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

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Tel 619.557.2500
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Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
GRAPHIC SYMBOLS

Scale
As indicated

G00.101

GENERAL DEMOLITION NOTES

- SUMMARY: WORK NECESSARY FOR SELECTIVE DEMOLITION INCLUDING 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 TO ARCHITECT AND THEIR CONSULTANTS AND OBTAIN APPROVAL. CITY BUILDING OFFICIALS, AND BUILDING MANAGEMENT AS REVIEWED. 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 ON-SITE OPERATIONS, AND BUILDING OPERATIONS.
- 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, AND PROTECTION OF PERSONS TO BE EMPLOYED AND BUILDING OPERATIONS EXISTING AT THE TIME OF COMMENCEMENT OF CONTRACT WILL BE MAINTAINED BY OWNER INsofar AS PRACTICAL. HOWEVER, VARIATIONS WITHIN STRUCTURE MAY OCCUR BY OWNERS REMOVAL AND SALVAGE OPERATIONS PRIOR TO START OF SELECTIVE DEMOLITION WORK.
- SALVAGE: STORAGE OF REMOVED ITEMS WILL BE PERMITTED AS DIRECTED BY THE OWNER.
- PROTECTIONS: PROVIDE PROTECTIVE BARRICADES, PROTECTIVE CANOPIES, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNERS PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF OWNERS 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 PERMITS READY CONDITIONS WHERE DEMO OCCURS SHALL BE PATCHED AND REPAIRED. ALL EXISTING WALLS DAMAGED SHALL BE REPAIRED AS REQUIRED TO RECEIVE SCHEDULED FINISH.
- TRAFFIC: CONDUIT SELECTIVE DEMOLITION OPERATIONS AND DEBRIS REMOVAL IN A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES.
- UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO REMAIN, KEEP IN SERVICE, IDENTIFY, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. PROVIDE TEMPORARY LIGHT AND POWER AS REQUIRED. SEE DRAWINGS FOR EXISTING STANDPIPE LOCATIONS, REMOVAL OF ANY EQUIPMENT, CABLING SWITCHES, AND CONDUIT PERTAINING TO ENVIRONMENTAL PROTECTION. CONDUCT TEMPORARY PROTECTION INSULATED DUST PROOF PARTITIONS WHERE REQUIRED TO SEPARATE AREAS WHERE NOISY OR EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. EQUIP PARTITIONS WITH DUST PROOF DOORS AND SECURITY LOCKS IF REQUIRED. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN DEMOLITION AND RECONSTRUCTION ON EXTERIOR SURFACES AND 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.
- INSPECTION: PRIOR TO COMMENCEMENT OF SELECTIVE DEMOLITION WORK, INSPECT AREAS IN WHICH WORK WILL BE PERFORMED. NECESSARY PHOTOGRAPH EXISTING CONDITIONS TO STRUCTURE SURFACES, EQUIPMENT, OR TO SURROUNDING PROPERTIES WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION WORK. FILE WITH OWNER PRIOR TO STARTING WORK.
- 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 DIRECTED BY THE 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.
- COVER AND PROTECT: COVER AND PROTECT FURNITURE, EQUIPMENT AND FIXTURES, AND OTHER ITEMS TO REMAIN FROM SOILING OR DAMAGE WHEN DEMOLITION WORK IS PERFORMED IN ROOMS OR AREAS FROM WHICH SUCH ITEMS HAVE BEEN REMOVED.
- CLEAN UP: AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREAS SHALL BE LEFT IN SWEEP UP AND CLEAN CONDITION. CARPETED AREAS TO BE LEFT IN A VACUUM CLEAN CONDITION. VINYL FLOORING SHALL BE DAMP WIPED AND POLISHED AT THE END OF EACH WORK DAY. ALL DEBRIS AND MISCELLANEOUS MATERIAL 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 WORK TO BE PERFORMED IN ACCORDANCE WITH BUILDING MANAGEMENT REQUIREMENTS AND PROCEDURES.
- 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 ADJACENT 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 NOTED HEREIN.
- PIPES, VENTS, ETC.: REMOVE TO SOURCE ALL PIPES, VENTS, APPLIANCES, OR DRAINS NOT BEING RE-USED.
- FLOORING: REMOVE ALL EXISTING IRREGULAR MATERIALS WHICH CAUSE RISES AND DEPRESSIONS IN FLOORING SURFACE, SUCH AS FASTENERS, OUTLET COVERS, COVER PLATES, RESILIENT FLOOR COVERINGS, CARPET, CARPET PAD, FLUSH PATCH, CONCRETE FILL, PLWOOD, ETC.
- WALL COVERINGS: CAREFULLY REMOVE ALL EXISTING WALL COVERINGS 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.
- STAIRWAYS: STAIRWAYS SHALL BE ACCESSIBLE AT ALL TIMES DURING DEMOLITION.
- GRAPHICS: REMOVE EXISTING SIGNAGE/GRAPHICS AND STORE FOR RE-USE WHERE APPLICABLE.
- 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 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.
- FINISH PREPARATION: ALL FINISH SURFACES AFTER CONSTRUCTION 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 WALL COVERINGS 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.
- FLOOR FINISHES: ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER CENTER OF DOOR, WHERE OCCURS, UNLESS NOTED OTHERWISE.
- CABINETY: REFER TO FINISH PLAN FOR FINISH SPECIFICATIONS AT NEW CABINETY. APPLY WHITE MELAMINE TO INTERIOR OF CABINETY WITH DOORS AND DRAWERS, UNLESS NOTED OTHERWISE.
- 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.
- REFER TO SHEET A02.80 FOR FINISH SCHEDULES FOR FINISH SPECIFICATIONS.
- 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.
- 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 ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- 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.

GENERAL POWER/COMM NOTES

- 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.
- COORDINATION OF THE WORK: SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF FLOOR OUTLETS, 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 SPECIFICATIONS AND ARCHITECT'S APPROVAL.
- 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 ENGINEERS POWER PLAN SHALL GOVERN THE WIRING LAYOUT AND INSTALLATION IN COMPLIANCE WITH ALL LAWS APPLICABLE AND ENFORCED BY GOVERNING AUTHORITIES.
- WALL MOUNTED OUTLETS: OUTLETS SHOWN BACK TO BACK ON PARTITION WALLS SHALL BE OFFSET 1/4" MINIMUM, OR MOUNTED AT DIFFERENT HEIGHTS WHERE INDICATED.
- FURNITURE LAYOUT: FURNITURE, IF SHOWN, IS FOR REFERENCE ONLY AND IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
- EQUIPMENT COORDINATION: COORDINATE ALL WORK RELATED TO EQUIPMENT WITH MANUFACTURERS RECOMMENDATIONS, SPECIFICATIONS, AND INSTRUCTIONS.
- 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.
- 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.
- UL RATED ASSEMBLIES: REFER TO SHEET G00.04 FOR ADDITIONAL NOTES, LEGENDS, SYMBOLS, ABBREVIATIONS, AND SCHEDULES.
- NOTING 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. FOUR OUTLETS TO BE INSTALLED VERTICALLY, UNLESS NOTED OTHERWISE.
- HORIZONTAL CLEARANCES: MAINTAIN 4-INCH HORIZONTAL CLEARANCE IN ALL DIRECTIONS, MIN. FROM EDGE OF COVER PLATE, FROM WALL MOUNTED OUTLETS, OR FROM EDGE OF MONUMENT FOR FLOOR MOUNTED OUTLETS, WHEN ADJACENT TO A WALL, COLUMN, OR SIMILAR ELEMENTS, UNLESS NOTED OTHERWISE.
- 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.
- MILLWORK: OUTLETS INSIDE AND/OR ATTACHED TO CABINETY 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.
- PANEL BOARDS: CONDUIT BREAKERS SHALL BE NEATLY TAGGED AND NUMBERED BY CONTRACTOR TO CORRESPOND WITH CIRCUITING OUTLINED ON ENGINEERING DRAWINGS AND CIRCUIT CARD INFORMATION.
- COVER PLATES: CONTRACTOR TO PROVIDE AND INSTALL COVER PLATES FOR ALL WALL MOUNTED ELECTRICAL AND COMMUNICATIONS OUTLETS.
- DATA AND RECEPTACLES: ALL WALL MOUNTED DATA AND VOICE RECEPTACLES TO HAVE 3/4" CONDUIT STUB UP AND TERMINATED 6" ABOVE HUNG CEILING.
- PULL STRINGS: CONTRACTOR TO PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT.
- OUTLETS LOCATED WITHIN 6" OF WATER SOURCE TO BE GFCI OUTLET

GENERAL MILLWORK NOTES

- 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 ALL BLOCKING REQUIRED.
- SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES TO THE ARCHITECT FOR REVIEW.
- 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.
- JOINERY: WHERE MEMBERS ARE MITERED OR BUTTED, THEY SHALL BE JOINED AND SECURED IN A MANNER TO INSURE AGAINST THE JOINT OPENING.
- FABRICATION: ALL OF THE WORK SHALL BE FABRICATED, ASSEMBLED, FINISHED, AND ERECTED TO AMERICAN WORKING STANDARDS (AWG) CUSTOM GRADE, UNLESS NOTED OTHERWISE. SURFACES SHALL BE TRUE, STRAIGHT, AND FREE FROM ALL MACHINE AND TOOLS MARKINGS, BRUISES, INDENTATIONS, CHIPS, OR ABRASIONS.
- ACCESSIBILITY: 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 CONTRACTOR SHALL MAINTAIN REASONABLE PROTECTION TO SAFEGUARD HIS WORK FROM DAMAGE AND TO PROTECT BUILDING OWNER'S PROPERTY FROM INJURY OR LOSS ARISING IN CONNECTION WITH ALL PROJECT WORK.
- WARRANTY: THE CONTRACTOR WARRANTS TO THE OWNER AND ARCHITECT THAT MATERIALS AND 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 NOT BE CONSIDERED DEFECTIVE. THE CONTRACTOR'S 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.
- FILE STORAGE: THE CONTRACTOR SHALL SHIM AND LEVEL MILLWORK/COUNTERTOP/WORKSURFACES ABOVE FILE STORAGE UNIT(S) AFTER FILE STORAGE UNIT(S) ARE INSTALLED BY OTHERS. FILE STORAGE UNITS SHALL BE SHIMMED AND SECURED TO MILLWORK/COUNTERTOP/SURFACE 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 CABINETY. PLASTIC LAMINATE SHIMS AS FINISHED AT FILE STORAGE AREA.
- 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 EXPENSE.
- COORDINATION: MILLWORK CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL, TELEPHONE, AND COMMUNICATIONS OUTLETS AND INSTALL GROOMINGS IN COUNTERTOP SURFACES AS REQUIRED TO CONCEAL CABLES.
- SHELVING: NO UNBRACED LENGTH OF SHELVING AND/OR COUNTERWORK SHALL EXCEED 3'-0" WITHOUT ADJUNCTION SUPPORTS AND/OR BRACKETS. ALL END CONDITIONS SHALL BE PROPERLY BLOCKED AND/OR SUPPORTED.
- OVERHEAD CABINETS: ALL BLOCKING, BACKING AND WOOD CLEATS FOR OVERHEAD CABINETS TO BE SCREWED AND SECURED TO FULL HEIGHT OR BRACE CEILING HEIGHT METAL STUDS AND WOOD GROOMINGS.

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.
- PARTITIONS: ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED AND SANDED SMOOTH WITH NO VISIBLE JOINTS. PATCH AND REPAIR ALL ATTACHMENT DEVICES SHALL BE PATCHED AND NOTED OTHERWISE. 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.
- CLEAR DIMENSIONS: DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE ACCURATELY MAINTAINED, AND SHALL NOT VARY MORE THAN ± 1/8" WITHOUT WRITTEN INSTRUCTION FROM ARCHITECT.
- 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.
- EXPOSED EDGES: ALL EXPOSED GYPSUM BOARD EDGES TO HAVE METAL EDGE TRIM.
- 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.
- MILLWORK: REFER TO MILLWORK SHOP DRAWINGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS.
- CEILING HEIGHT PARTITIONS: REFER TO REFLECTED CEILING PLANS FOR SOFFITS, CEILING HEIGHTS, AND FLOEM BARRIER LOCATIONS.
- NOTES AND REFERENCES: REFER TO SHEET G00.04 FOR ADDITIONAL NOTES, LEGENDS, SYMBOLS, ABBREVIATIONS, AND SCHEDULES.
- ARCHITECT APPROVAL: OBTAIN APPROVAL FROM ARCHITECT PRIOR TO MODIFYING COLUMN FURNISH, RELOCATING PIPES, AND SIMILAR SYSTEMS AND ITEMS, ADJUSTING ANY AND ALL OTHER FIELD CONDITIONS NOT SHOWN IN PLANS AND REQUIRED TO FIT PLANS.
- SLAB WORK: ALL SLAB PENETRATIONS FOR PIPING SHALL BE FULLY PACKED AND SEALED IN ACCORDANCE WITH THE APPLICABLE BUILDING AND FIRE CODES.
- 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 STILING TO ACCOMMODATE THESE UNUSUAL CONDITIONS.
- 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.
- CEILING HEIGHT PARTITIONS: CEILING HEIGHT PARTITIONS SHALL BE INSTALLED TIGHT TO FINISHED CEILING, WITH NO JOINTS VARYING MORE THAN 1/8" OVER 6'-0".
- DOOR DIMENSIONS: DIMENSIONS LOCATING DOORS ARE TO THE INSIDE EDGE OF JAMB, UNLESS NOTED OTHERWISE. ALL DOORS SHALL HAVE 1" OF LEAK OR STRIKE ALL SIDES OF DOOR. VERIFY AND ADVISE ARCHITECT OF EXCEPTIONS PRIOR TO CLOSING OUT PARTITION LAYOUT.
- 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" AP OR GREATER.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR: MILLWORK, DOORS/FRAMES/HARDWARE, GLAZING AND CARPET SEAMING DIAGRAM (IF APPLICABLE), DEMOUNTABLE PARTITIONS.
- ALL NEW INTERIOR DOORS/ FRAMES SHALL BE FACTORY FINISHED, UNO.
- ALL CONCEALED BLOCKING, AND LUMBER IS TO BE FIRE TREATED FOR TYPE I, AND TYPE II CONSTRUCTION.
- CEMENTITIOUS BACKER BOARD (HARDBACKER BOARD) OR APPROVED EQUAL AT PARTITIONS TO RECEIVE TILE FINISH, UNO.
- CEILING LEVEL FINISH: GYP BD UNDER THE SLAB FRONT-OF-HOUSE (FOH) AREAS, AND LV 4 FINISH GYP BD SURFACES AT ALL BACK-OF-HOUSE (BOH) AREAS, UNO. REPAIR SURFACES TO MATCH ADJACENT OF ADJOINING SURFACES WHERE CONDITION OCCURS.
- DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED, WHERE SPECIFIED DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
- 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.
- USE 5/8" TYPE "X" GYP. BD. THROUGHOUT. USE 5/8" WATER RESISTANT TYPE "X" GYP. BD. AT ALL WET FOR REVIEW.
- PROVIDE EXTRA STUDS / BLOCKING AS REQUIRED TO MOUNT ELECTRICAL, MECHANICAL, AND/OR PLUMBING CONTROLS. ENSURE STUDS REMAIN PLUMB.
- ALL GLASS TO BE CLEAR TEMPERED GLASS UNO GLAZING TONG MARKS SHALL BE VISIBLE. CLEAN & POLISH ALL GLASS PRIOR TO PROJECT DELIVERY. ALL EXPOSED EDGES SHALL BE POLISHED.
- PREP SLAB AS REQUIRED FOR SPECIFIED FINISH. REFER TO FINISH PLAN.
- ALL PENETRATIONS THROUGH ONE HOUR FIRE RATED WALLS/PARTITIONS SHALL BE PROTECTED WITH A LISTED FIRE STOP SYSTEM.
- ALL PENETRATIONS AT WALLS/PARTITIONS SHALL HAVE ACOUSTICAL SEALANT.
- DOOR JAMB LOCATIONS SHALL BE TYPICAL 4" FROM ADJACENT WALL.
- PATCH AND REPAIR ALL SURFACES DAMAGED AS A RESULT OF WORK PERFORMED ON THIS PROJECT.
- 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 UNFOUNDED FIELD CONDITIONS SHALL BE ACCOMMODATED AT THE TIME OF REVIEW BY THE ARCHITECT.
- GO 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.
- REFER TO MILLWORK SHOP DWGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS.
- PROVIDE BLOCKING PER MANF RECOMMENDATION FOR WALL OR CEILING MOUNTED EQUIPMENT OR FURNISHINGS.
- REFER TO WALL TYPES AND CROSS HATCHED AREAS ON FLOOR PLANS FOR LOCATIONS OF ONE-HOUR FIRE RATED PARTITIONS IF APPLICABLE.
- ALL FIRE EXTINGUISHERS SHALL BE VISIBLE AND ACCESSIBLE OR A SIGN WILL BE PROVIDED INDICATING LOCATION OF EXTINGUISHER. SEE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER LOCATIONS.
- REFER TO SHEET A08.00 FOR DOOR AND GATE SCHEDULES
- PROVIDE BLOCKING AS REQUIRED AT ALL LOCATIONS INCLUDING BUT NOT LIMITED TO: GRAB BARS, OVERHEAD CABINETY, SHELVING, SIGNAGE, TOILET ROOM ACCESSORIES, WALL MOUNTED EQUIPMENT, ETC.
- EVERY ROOM OR SPACE WHICH IS USED FOR ASSEMBLY, CLASSROOM, DINING, DRINKING, OR SIMILAR PURPOSES HAVING AN OCCUPANT LOAD OF 30 OR MORE SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE. NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGN SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNERS AUTHORIZED AGENT

GENERAL RCP NOTES

- FIXTURE LOCATIONS: LIGHT FIXTURES, EXIT SIGNS, SPRINKLERS, AND OTHER CEILING ELEMENTS SHALL BE LOCATED IN CENTER OF INDIVIDUAL CEILING TILE, UNLESS NOTED OTHERWISE.
- CEILING ACCESS: PROVIDE CEILING ACCESS AS REQUIRED FOR EQUIPMENT AND SYSTEM MAINTENANCE, AND MATCH ADJACENT CEILING FINISH, UNLESS NOTED OTHERWISE.
- 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.
- 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.
- CONFLICT: NOTIFY ARCHITECT OF ANY CONFLICTS OF LIGHT FIXTURE LOCATIONS WITH MAIN RUNNERS, STUB UP, TOUCH UP, 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.
- 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 HEADS TO BE FULLY RECESSED AT HARD IDL CEILINGS, ESCUTCHION TO MATCH CEILING FINISH.
- 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.
- ACCESS PANELS AT GYP. BOARD CEILINGS TO BE FLUSH PANELS WITH GYP. BRD. INSET AND HAIRLINE JOINTS.

STORMWATER REQUIREMENTS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT & MUD ON ADJACENT STREETS), AND ALL CONSTRUCTION DOCUMENTS COMPLY WITH CURRENT CODE AND THE STC 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).
- 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 903.507
- 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 FIREMANPMENT LOCK CUTTERS) SHALL BE PROVIDED.
- BOLLARDS SHALL WEIGH NO MORE THAN 25 POUNDS EACH.
- ACCESS ONTO FIRE LANE OVER HARDCAPE 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 THROUGHOUT CONSTRUCTION DOCUMENTS. LOCATIONS FOR FIRE EXTINGUISHERS 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.
- DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH TURNWAY. IN ALL STORIES 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 VIEWED FROM THE PUBLIC RIGHT OF WAY. ADDRESS IDENTIFICATION 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.
- KEY BOXES SHALL BE PROVIDED FOR ALL HIGH-RISE BUILDINGS, POOL ENCLOSURES, GATES IN THE PATH OF FIREIGHTER TRAVEL TO STRUCTURES, SECURED PARKING LEVELS, DOORS WHICH ACCESS TO STAIRWELL CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL AREAS 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 IA STRUCTURE SEPARATED BY 10 FEET FROM OTHER BUILDINGS. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE NON-OR LIMITED COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED, CFC 304.3.
- 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.
- THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.
- STANDPIPE CONNECTIONS 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
- FIRE SPRINKLER SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CBC 903.3.
- VALVES CONTROLLING THE WATER SUPPLY FOR 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.
- ONE APPROVED AUDIBLE DEVICE MUST BE CONNECTED TO EVERY AUTOMATIC SPRINKLER SYSTEM IN AN APPROVED LOCATION ON THE EXTERIOR OF THE STRUCTURE. CFC 903.4.2
- AUTOMATIC FIRE SPRINKLER SYSTEMS AND ALL CONTROL VALVES, WITH THE EXCEPTION OF THOSE LISTED IN CBC 903.4 SHALL BE MONITORED BY A 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 TO THE FIRE SPRINKLER AND FIRE ALARM SYSTEM SHALL BE DONE IN ACCORDANCE 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 JURISDICTION.
- 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.
- FIRE ALARM SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CBC 907.1. 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, IMC 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 "R" 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.
- PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES.
- MAINTAIN AISLES AT LEAST 4' 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.
- BUILDINGS UNDER GOING CONSTRUCTION, ALTERATIONS, OR DEMOLITION SHALL CONFORM 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.
- THE OWNER SHALL DESIGNATE A PERSON TO BE THE FIRE PREVENTION PROGRAM.
- 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 OPERATED IN A MANNER THAT CAUSES EXHAUSTS TO RE-ENTER THE BUILDING
(D) FUEL FOR EQUIPMENT SHALL BE STORED IN AN APPROVED AREA OUTSIDE OF THE BUILDING

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 WITH CURRENT CODE AND THE STC 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).
- 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 903.507
- 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 FIREMANPMENT LOCK CUTTERS) SHALL BE PROVIDED.
- BOLLARDS SHALL WEIGH NO MORE THAN 25 POUNDS EACH.
- ACCESS ONTO FIRE LANE OVER HARDCAPE 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 THROUGHOUT CONSTRUCTION DOCUMENTS. LOCATIONS FOR FIRE EXTINGUISHERS 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.
- DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH TURNWAY. IN ALL STORIES 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 VIEWED FROM THE PUBLIC RIGHT OF WAY. ADDRESS IDENTIFICATION 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.
- KEY BOXES SHALL BE PROVIDED FOR ALL HIGH-RISE BUILDINGS, POOL ENCLOSURES, GATES IN THE PATH OF FIREIGHTER TRAVEL TO STRUCTURES, SECURED PARKING LEVELS, DOORS WHICH ACCESS TO STAIRWELL CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL AREAS 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 IA STRUCTURE SEPARATED BY 10 FEET FROM OTHER BUILDINGS. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE NON-OR LIMITED COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED, CFC 304.3.
- 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.
- THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.
- STANDPIPE CONNECTIONS FOR ALL FIRE EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLER AND STANDPIPE SYSTEMS AND

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 BEHAVE 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 SHALL BE 1/2 INCH MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED 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 1/4 INCH DIAMETER.
- CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 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 BOARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK.
- 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 1/4 INCHES.
- 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 IS 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 RAMP 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.
- 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.
- PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.
- REACH RANGES FOR OCCUPANTS IN WHEEL CHAIRS SHALL COMPLY WITH CBC 11B-308.
- 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.
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
- CLEAR WIDTH REQUIREMENTS FOR WALKING SURFACES SHALL COMPLY WITH CBC 11B-403.5.
- ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE A RESTING AREA 60 INCHES IN LENGTH, AT INTERVALS OF 400 FEET MAXIMUM. THE RESTING AREA SHALL BE AT LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48.
- 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.
- 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 THAN 1:48 SHALL BE PERMITTED. THRESHOLDS ARE PERMITTED THAT COMPLY WITH CBC 11B-404.2.4.
- THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/4 INCH HIGH MAXIMUM. CHANGES IN LEVELS AT DOORWAYS SHALL COMPLY WITH CBC SECTIONS 11B-302 AND 11B-303.
- 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 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
- DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN 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.
- 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.
- 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.
- 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.
- 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.
- RAMP 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 1/2 INCHES MAXIMUM AT THE HANDRAIL HEIGHT. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. RAMP 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.
- 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 AT 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.
- HANDRAILS SHALL COMPLY WITH CBC SECTION 11B-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.
- 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 WARNING SHALL COMPLY WITH A 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.
- THE HEIGHT OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
- 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.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-120034 INC.
REVIEWED FOR
SS FLS ACS
DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

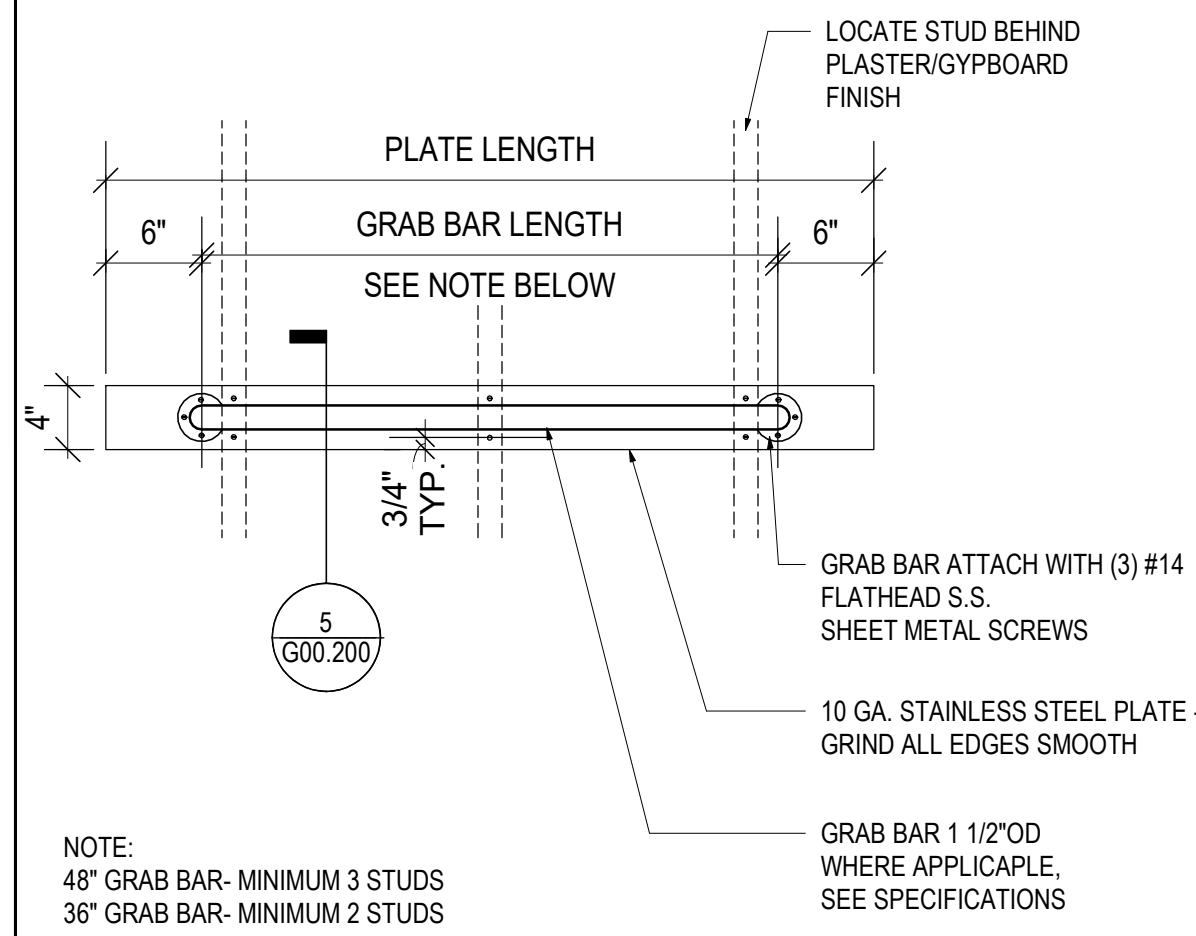
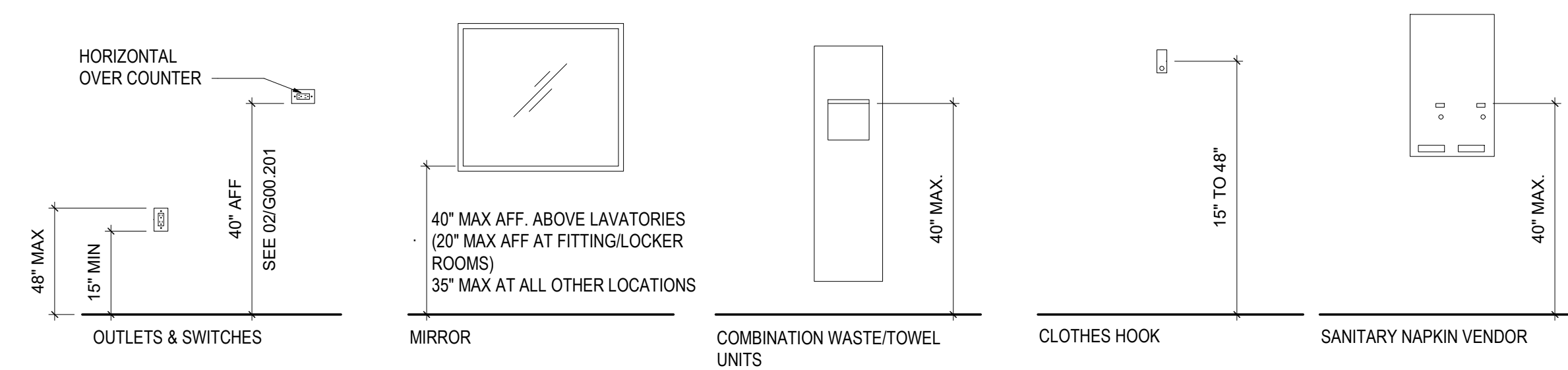
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FOR REFERENCE ONLY

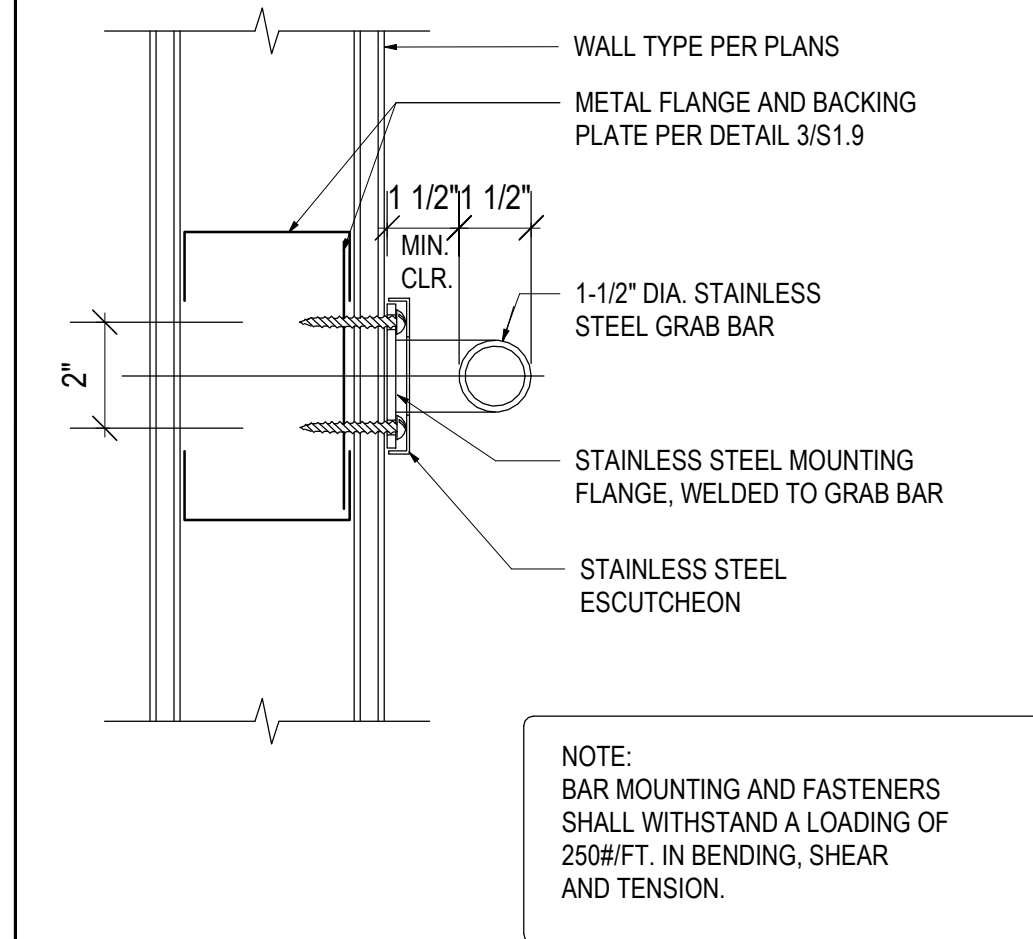
TYPICAL MOUNTING HEIGHTS

NOTE: MOUNTING HEIGHT FROM FINISHED FLOOR TO HIGHEST OPERABLE CONTROL, TYPICAL.



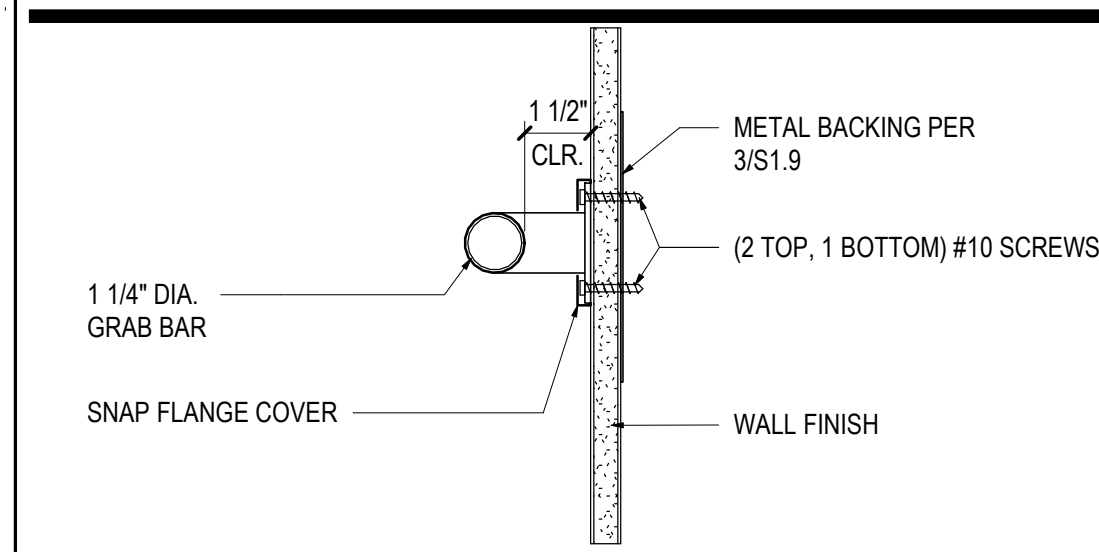
4 GRAB BAR ELEVATION

SCALE: 1" = 1'-0"



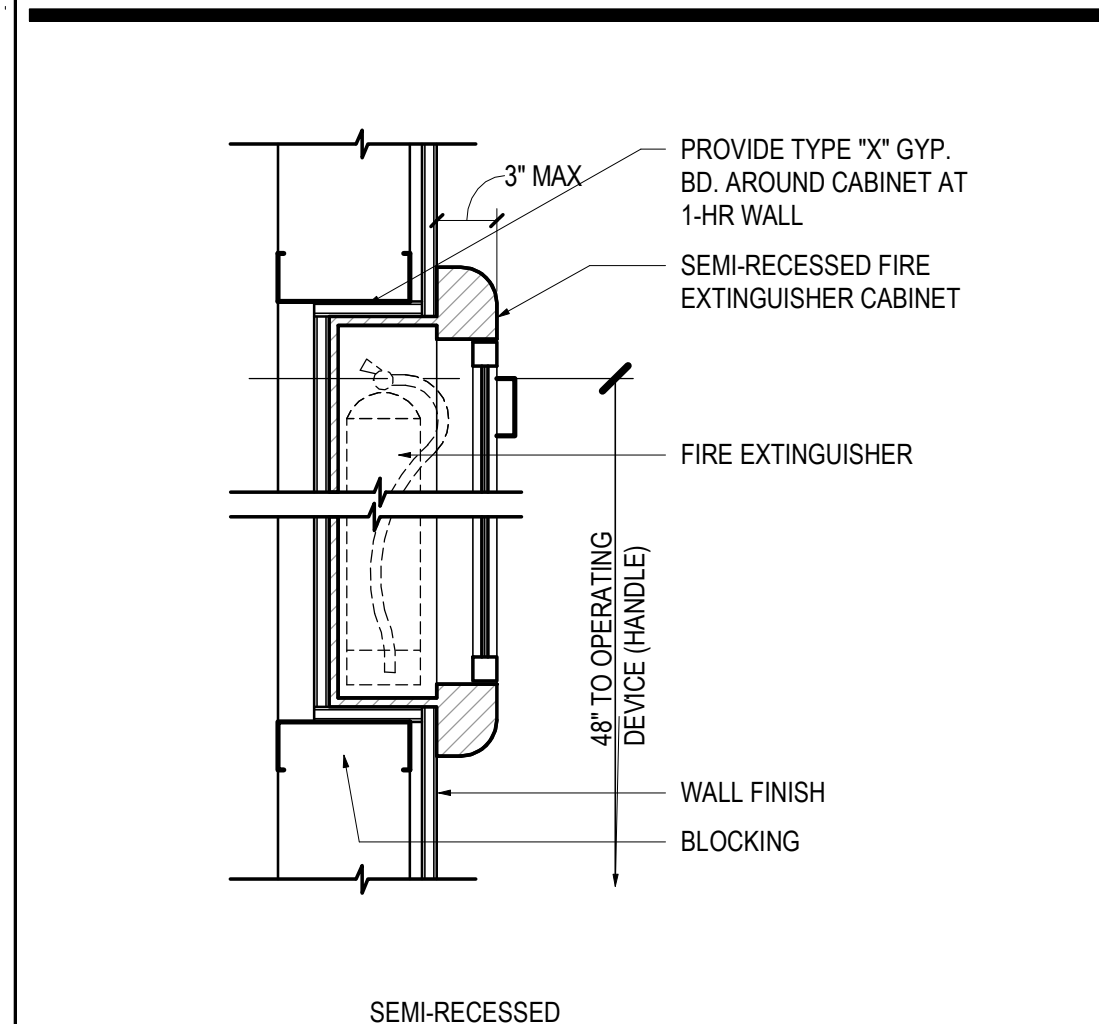
5 GRAB BAR BACKING

SCALE: 3" = 1'-0"



6 GRAB BAR MOUNTING

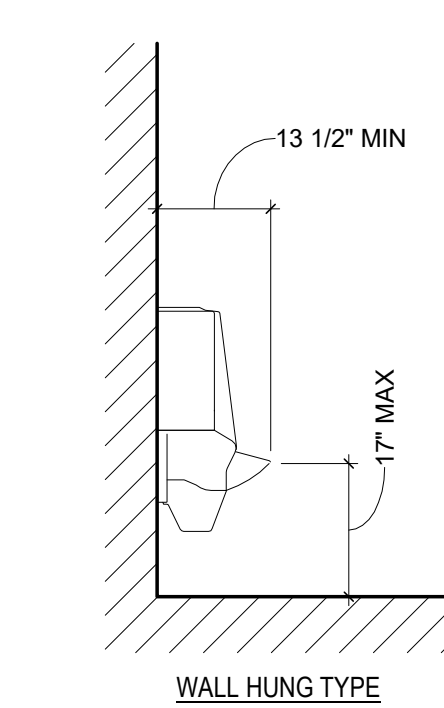
SCALE: 3" = 1'-0"



7 FIRE EXTINGUISHER CABINET

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

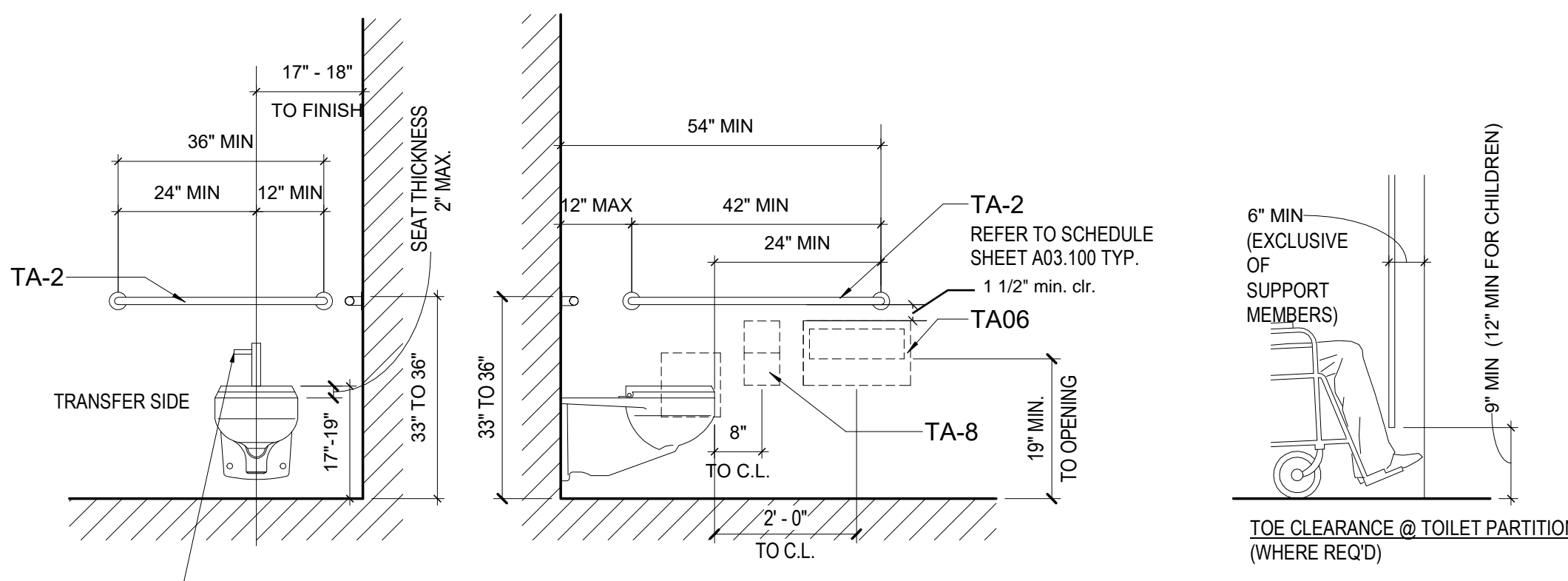
URINALS



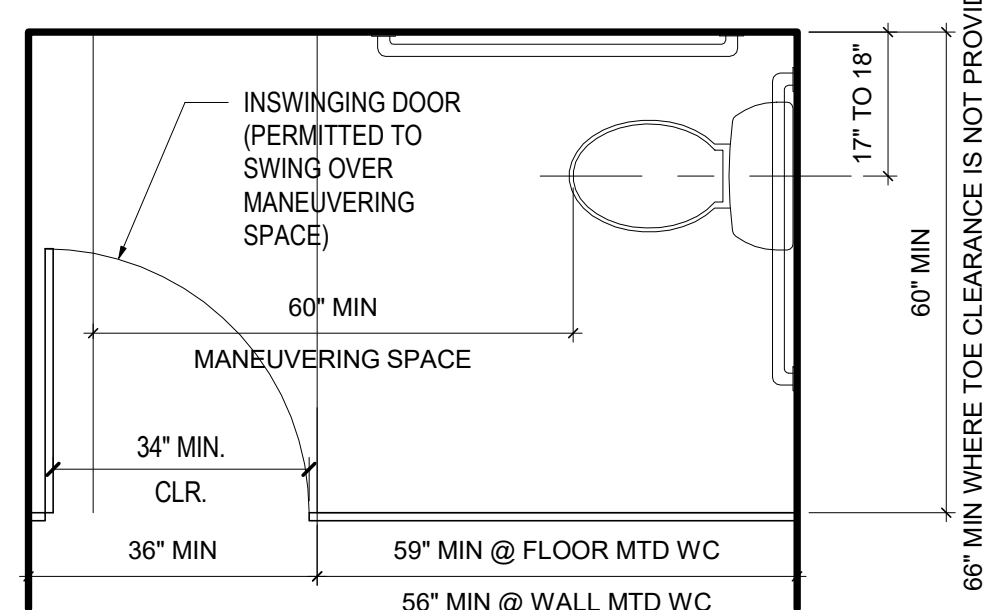
URINALS

NOTE: 44" MAX. HEIGHT OF HAND OPERATED FLUSH VALVE ABOVE FLOOR. FLUSH VALVE TO BE ON WIDE SIDE OF TOILET.

WATER CLOSETS



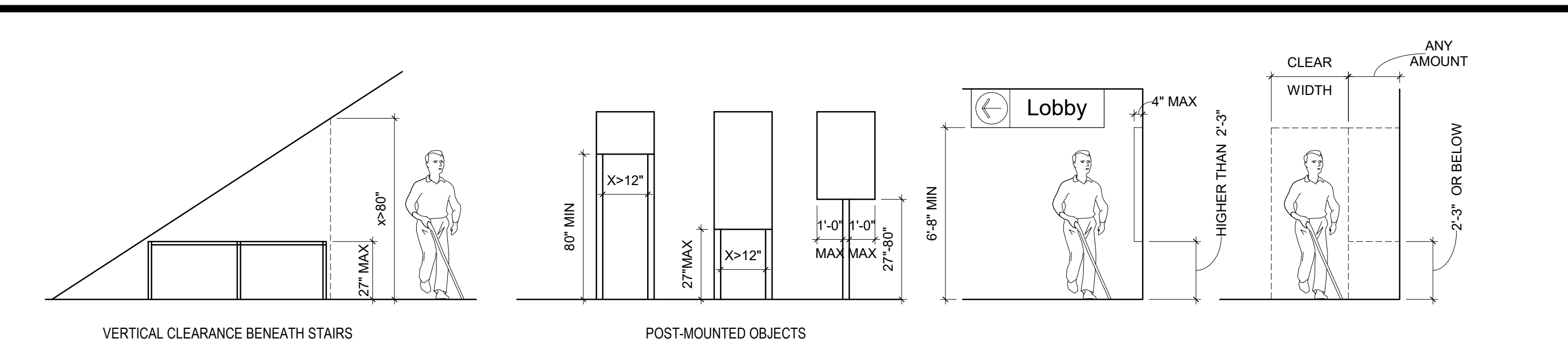
SIDE-OPENING STALLS



TOILET STALL CLEARANCES

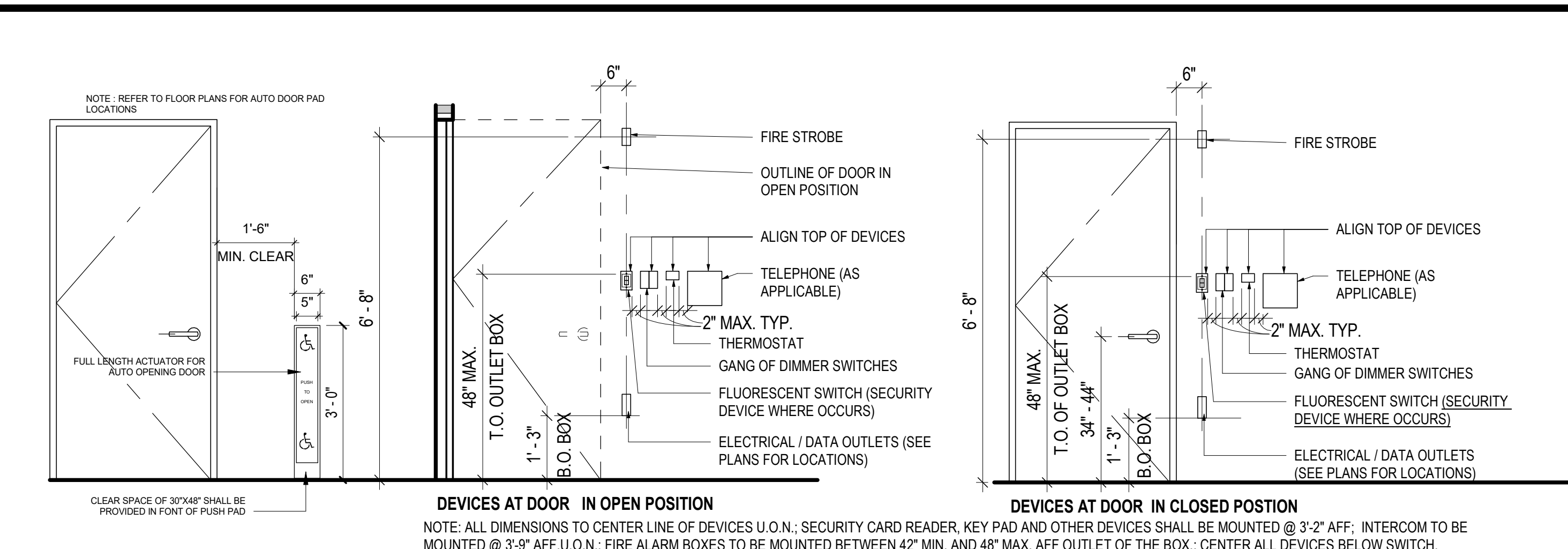
1 ACCESSIBILITY TYPICAL REQUIREMENTS FOR RESTROOMS

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



2 ADA PROTRUDING OBJECTS

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



3 ADA TYPICAL MOUNTING DIAGRAM @ DOOR

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

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name

IVC - SCHOOL OF NURSING

Project Number

055.7853.000

Description

LEVEL 01
ACCESS REQUIREMENTS & DETAIL

Scale

As indicated

G00.200

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

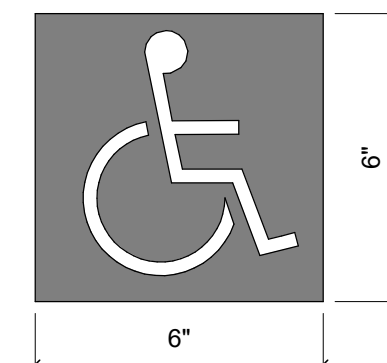
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

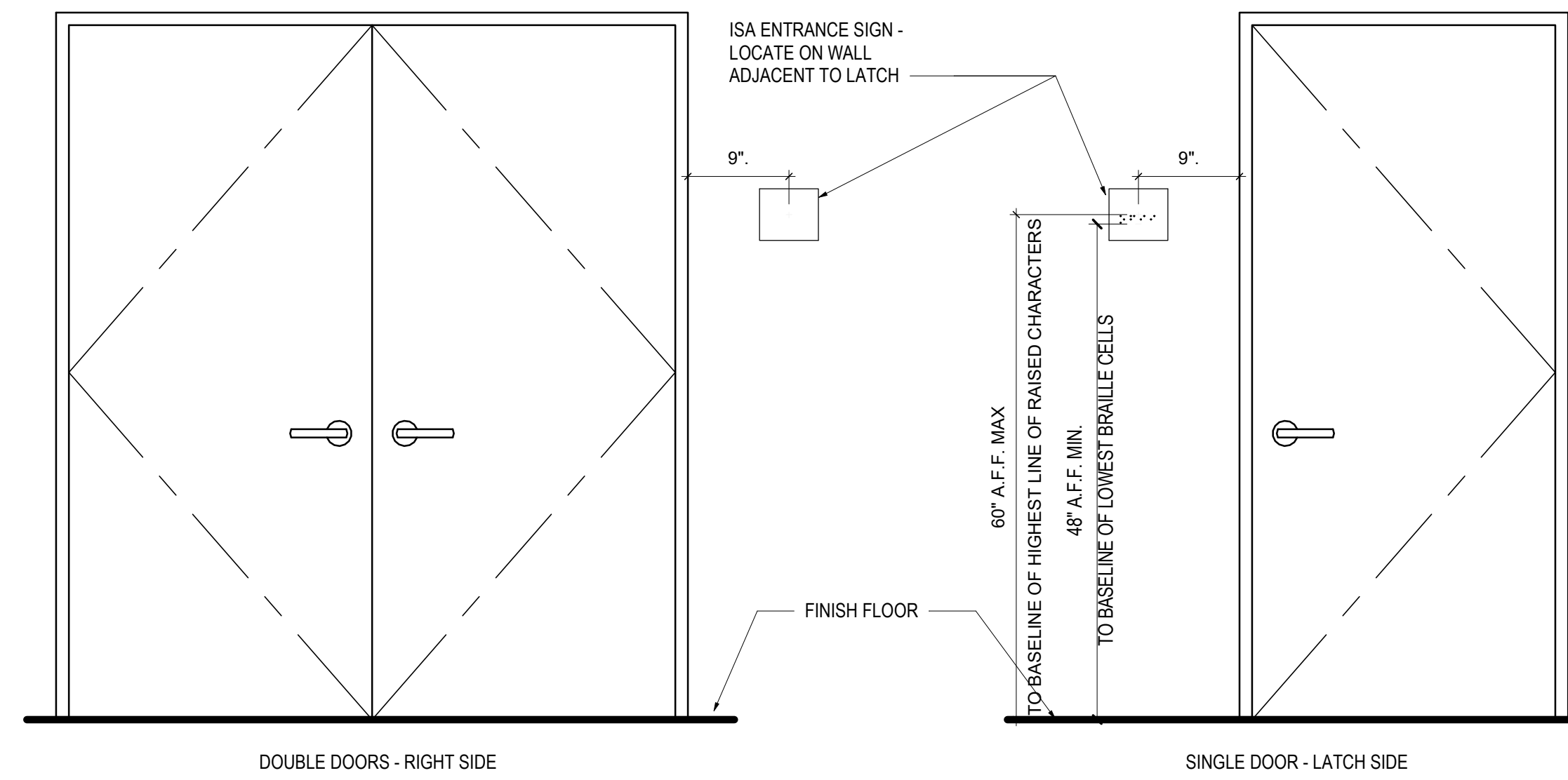
Description
LEVEL 01
ACCESS COMPLIANCE

Scale
As indicated

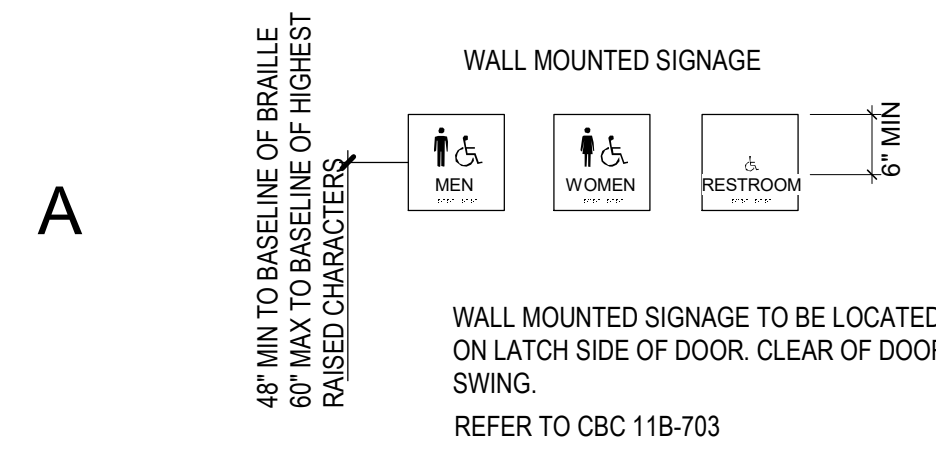
PROVIDE BACKPLATE AT GLASS LOCATIONS
SYMBOL PROPORTIONS SHALL APPROXIMATE CBC FIGURE 11B-703.7.2.1



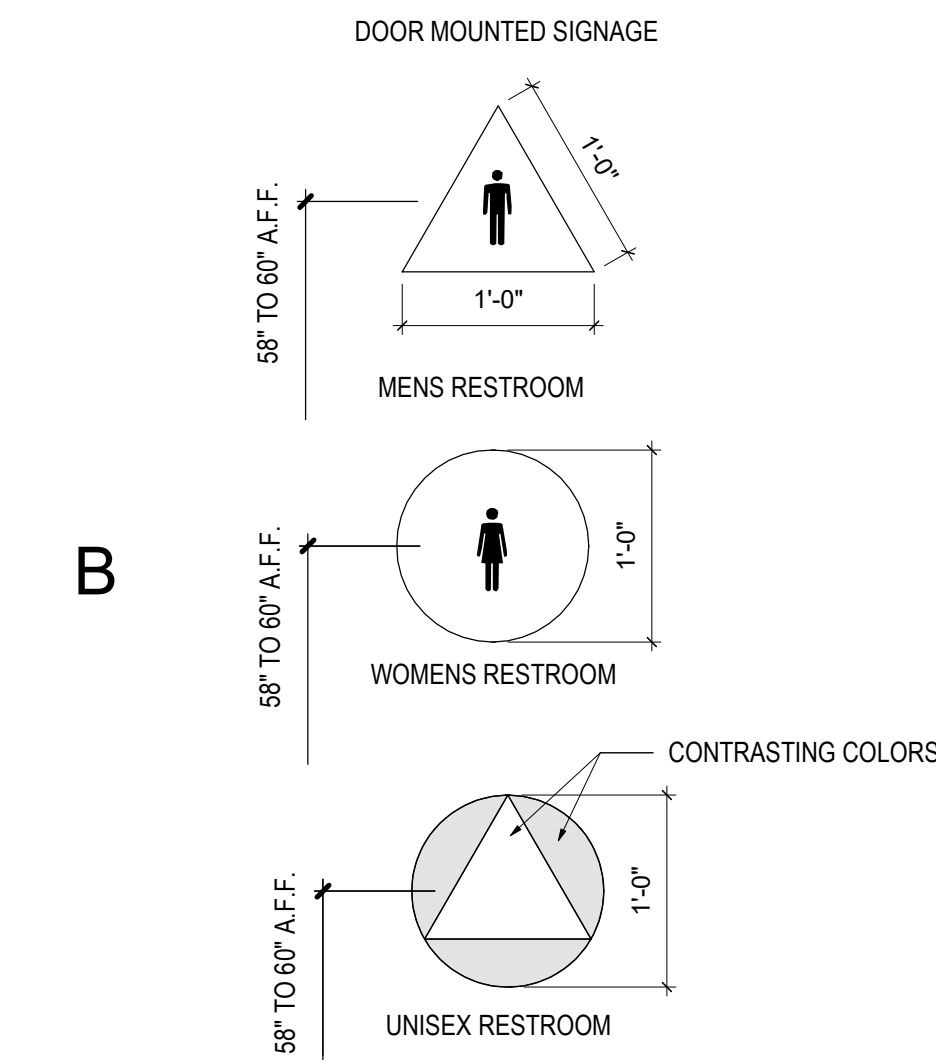
INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA)



03 ISA ENTRANCE SIGN
SCALE: 3" = 1'-0"



WALL MOUNTED SIGNAGE
WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR, CLEAR OF DOOR SWING. REFER TO CBC 11B-703



NOTE:
1. 1/4" THICK SIGNAGE PLATE.
2. UNISEX RESTROOM SIGN - 1/4" THICK TRIANGLE PLATE SUPERIMPOSED ON 1/4" THICK CIRCLE PLATE.
3. SYMBOLS CENTERED ON DOOR AT 58"-60" HIGH
4. COLOR AND CONTRAST DISTINCTLY DIFFERENT FROM COLOR AND CONTRAST OF DOOR

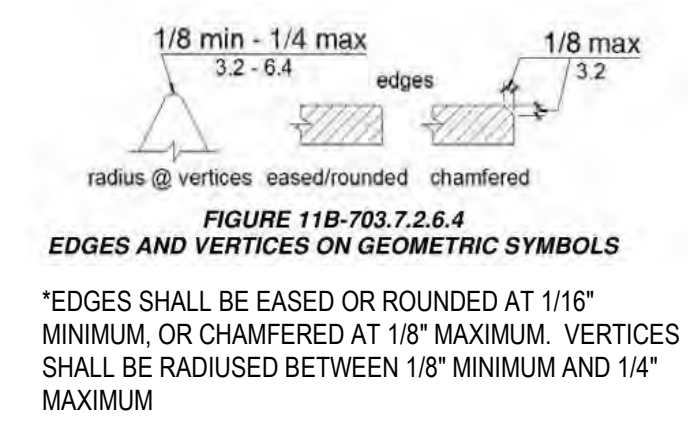
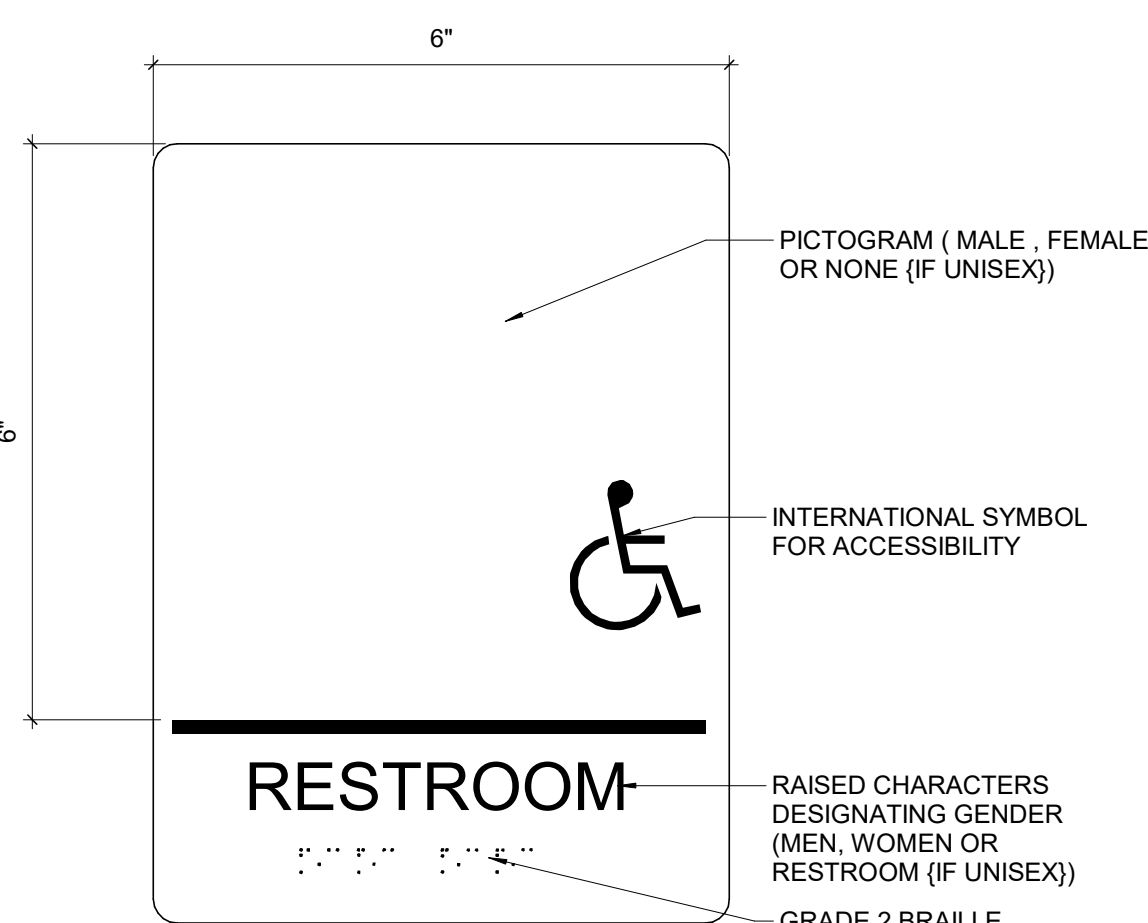
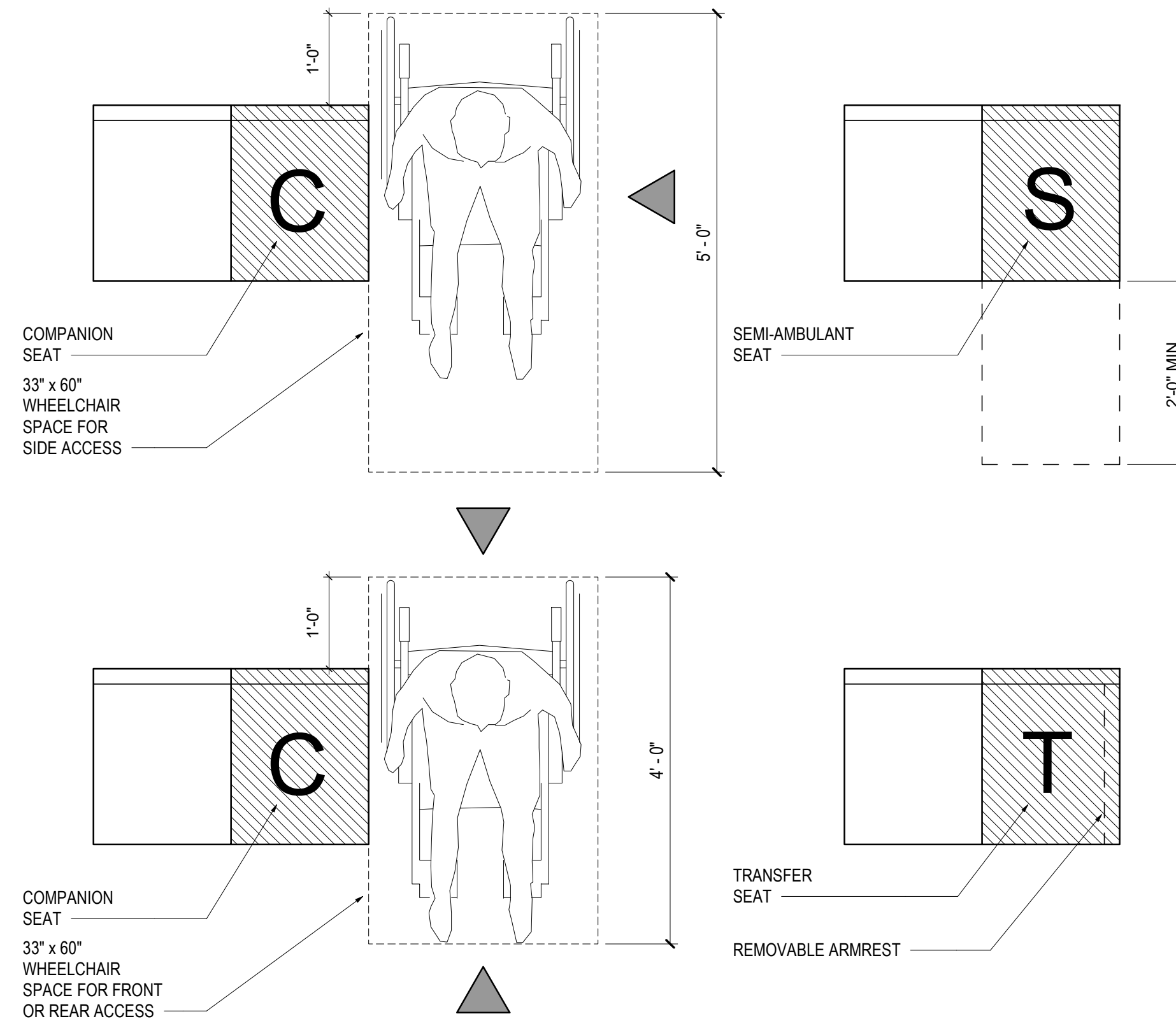


FIGURE 11B-703.7.2.6.4
EDGES AND VERTICES ON GEOMETRIC SYMBOLS
*EDGES SHALL BE EASED OR ROUNDED AT 1/16" MINIMUM, OR CHAMFERED AT 1/8" MAXIMUM. VERTICES SHALL BE RADIUSSED BETWEEN 1/8" MINIMUM AND 1/4" MAXIMUM

06 RESTROOM SIGNS
SCALE: 1" = 1'-0"

04 ASSEMBLY USE SEATING
SCALE: 3/4" = 1'-0"



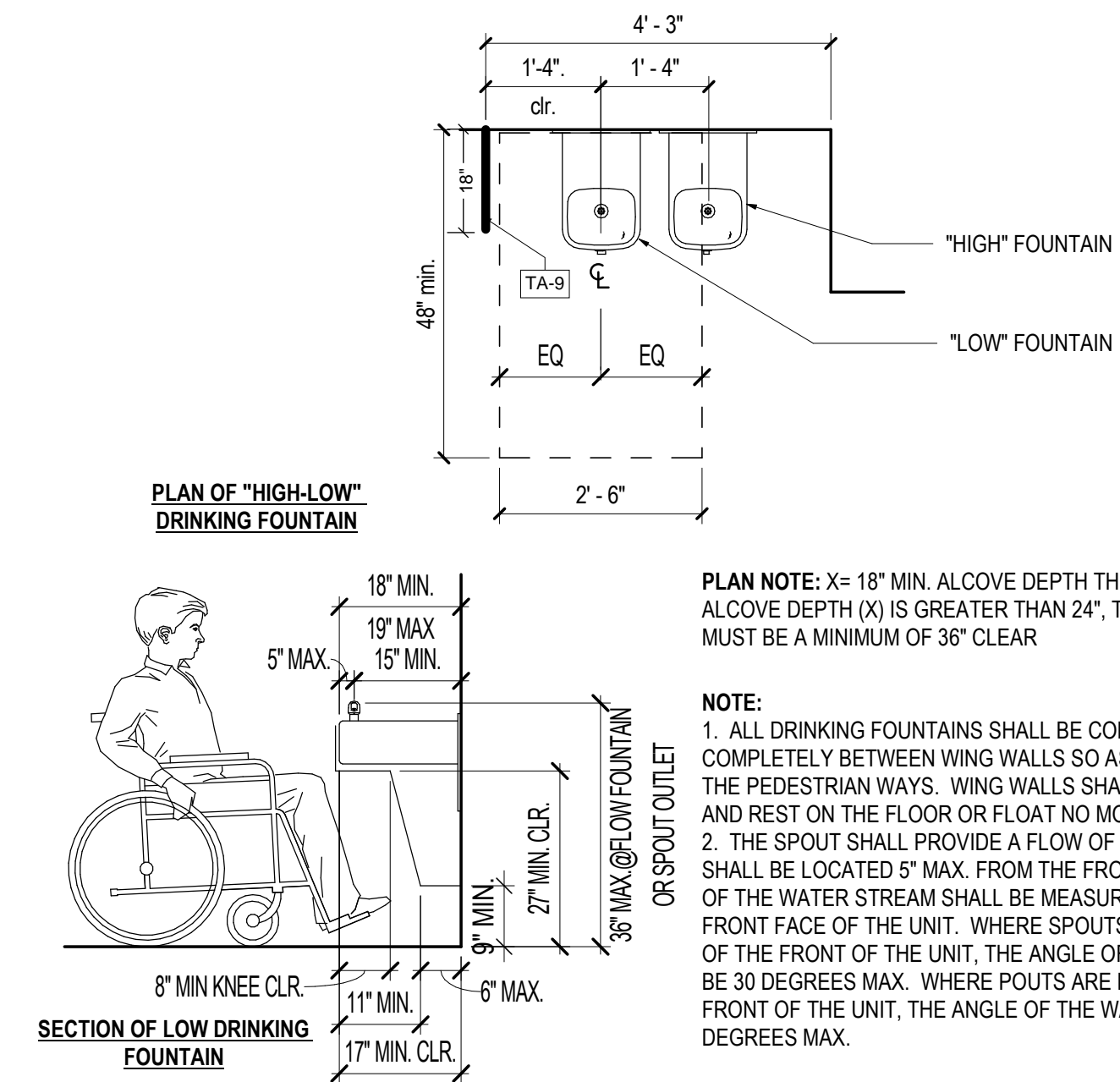
07 ADA/CBC TACTILE DOOR SIGN
SCALE: 6" = 1'-0"

CONTRAST COLOR WITH BACKGROUND
UPPERCASE TEXT (SANS SERIF)
CHARACTERS TO BE 5/8" HIGH MIN.
WIDTH TO HEIGHT RATIO BETWEEN 3.5 TO 1:1 STROKE WIDTH TO HEIGHT RATIO BETWEEN 1.5 AND 1:10

NOTE:
1. PROVIDE NON-GLARE FINISH FOR CHARACTERS AND BACKGROUND
2. PORTABLE UNIT SHALL BE PROVIDED BY OWNER
3. POST SIGN IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTIVE LISTENING DEVICES

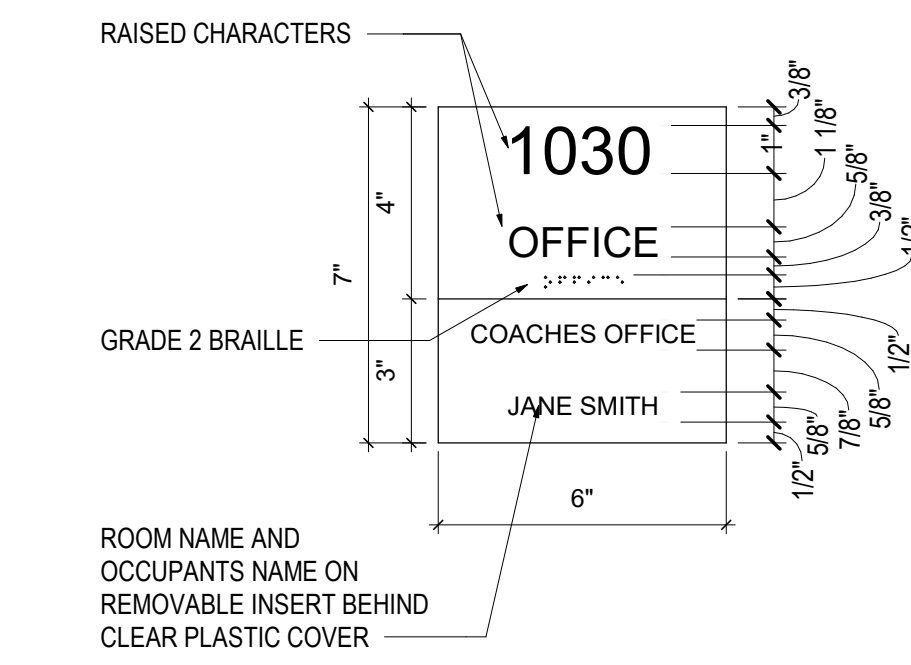
05 ISA FOR HEARING LOSS
SCALE: 3" = 1'-0"

8 ACCESSIBLE DRINKING FOUNTAIN
SCALE: NOT TO SCALE

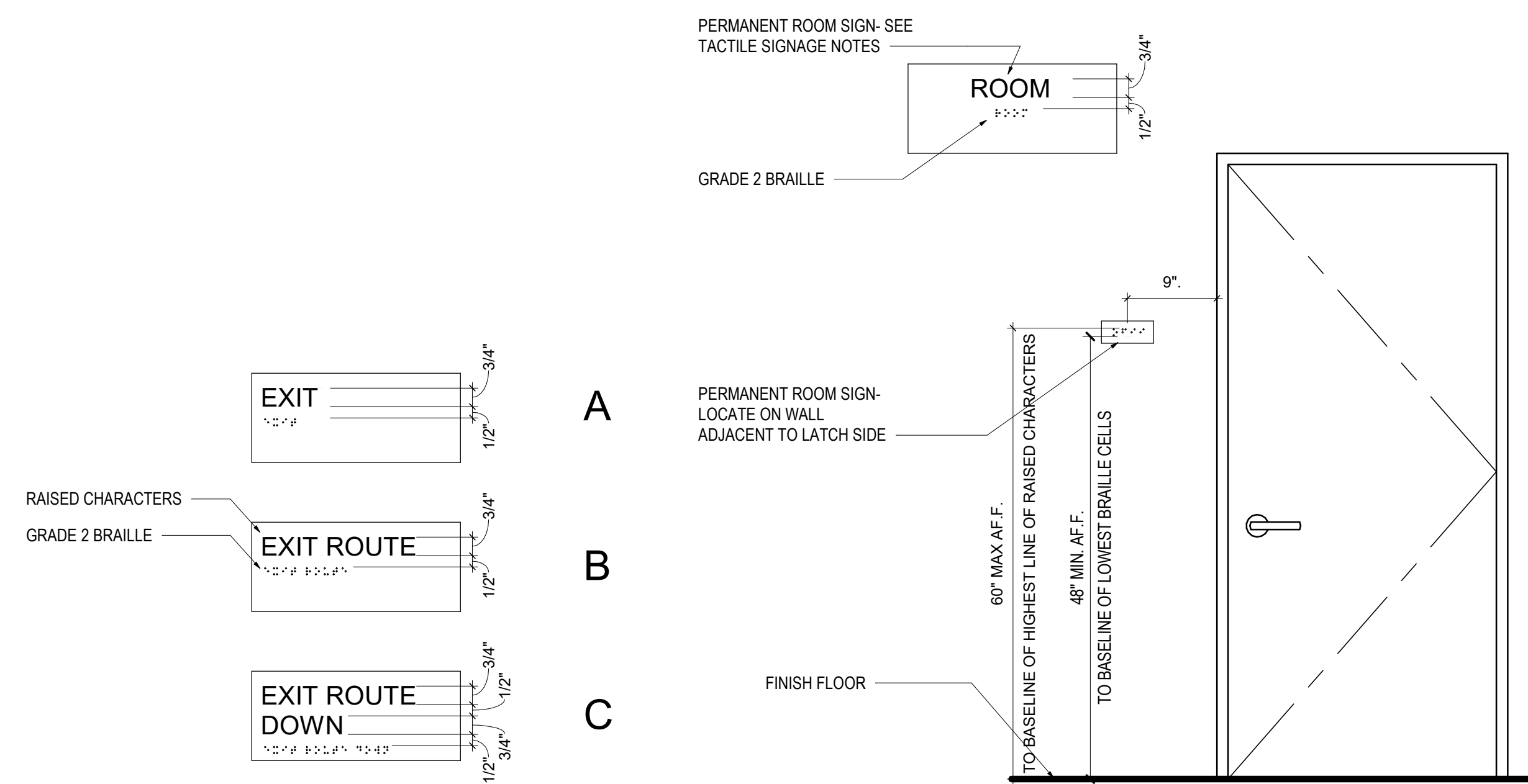
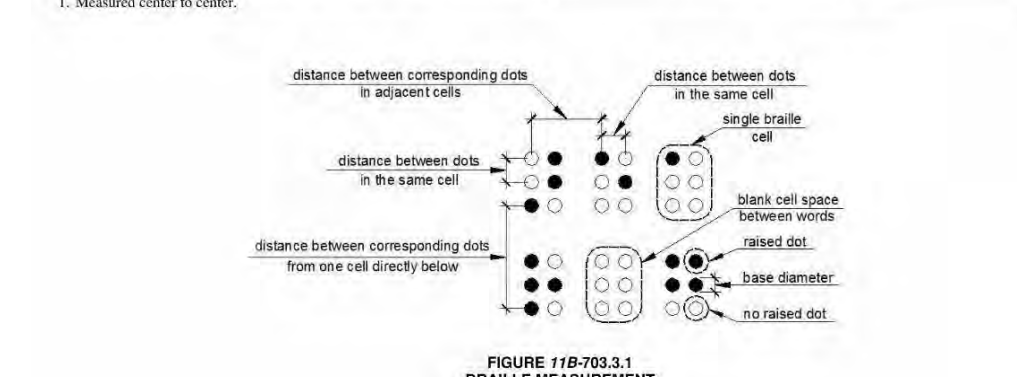


PLAN NOTE: X= 18" MIN. ALCOVE DEPTH THEN Y=32" MIN. CLR. IF ALCOVE DEPTH (X) IS GREATER THAN 24", THEN ALCOVE WIDTH (Y) MUST BE A MINIMUM OF 36" CLEAR

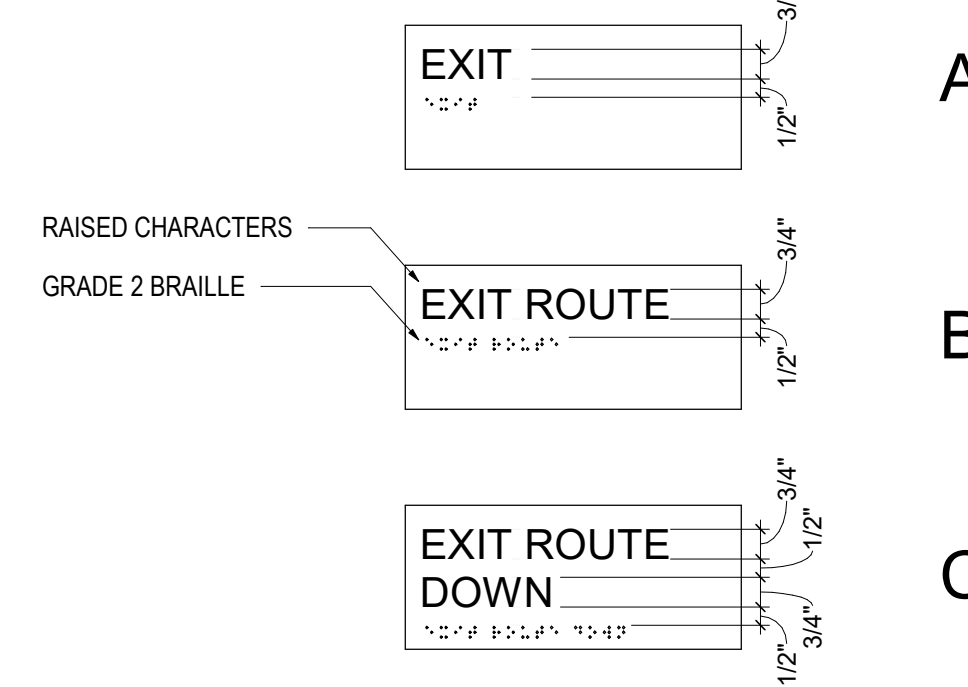
NOTE:
1. ALL DRINKING FOUNTAINS SHALL BE CONTAINED WITHIN ALCOVES OR COMPLETELY BETWEEN WING WALLS SO AS TO NOT ENCRUCH INTO THE PEDESTRIAN WAYS. WING WALLS SHALL PROJECT FROM THE WALL AND REST ON THE FLOOR OR FLOAT NO MORE THAN 6" AFF.
2. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MIN. AND SHALL BE LOCATED 5" MAX. FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZ. RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. WHERE SPOUTS ARE LOCATED 3"-6" MAX FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.



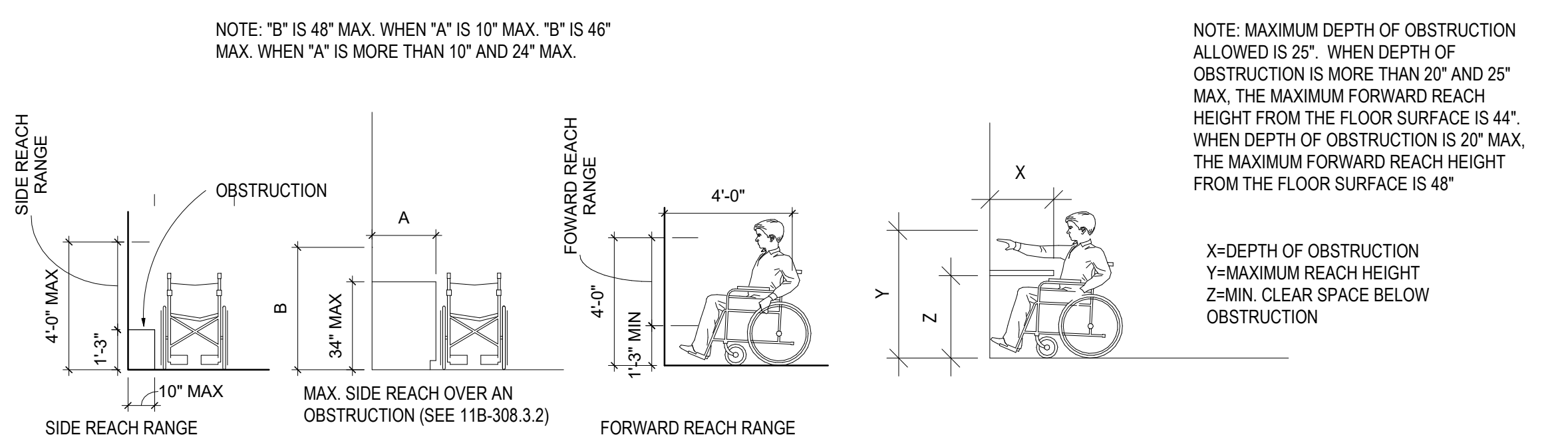
MEASUREMENT RANGE	MINIMUM WIDTHS
Dot base diameter	0.099 (1.5 mm) to 0.088 (1.6 mm)
Distance between two dots in the same cell	0.203 (2.5 mm)
Distance between corresponding dots in adjacent cells	0.203 (2.5 mm)
Dot height	0.107 (1.6 mm) to 0.071 (1.0 mm)
Distance between corresponding dots from one cell directly below	0.391 (10 mm) to 0.400 (10.2 mm)



01 PERMANENT ROOM SIGN
SCALE: 3" = 1'-0"



02 CBC/ADA REACH RANGES
SCALE: 1/4" = 1'-0"

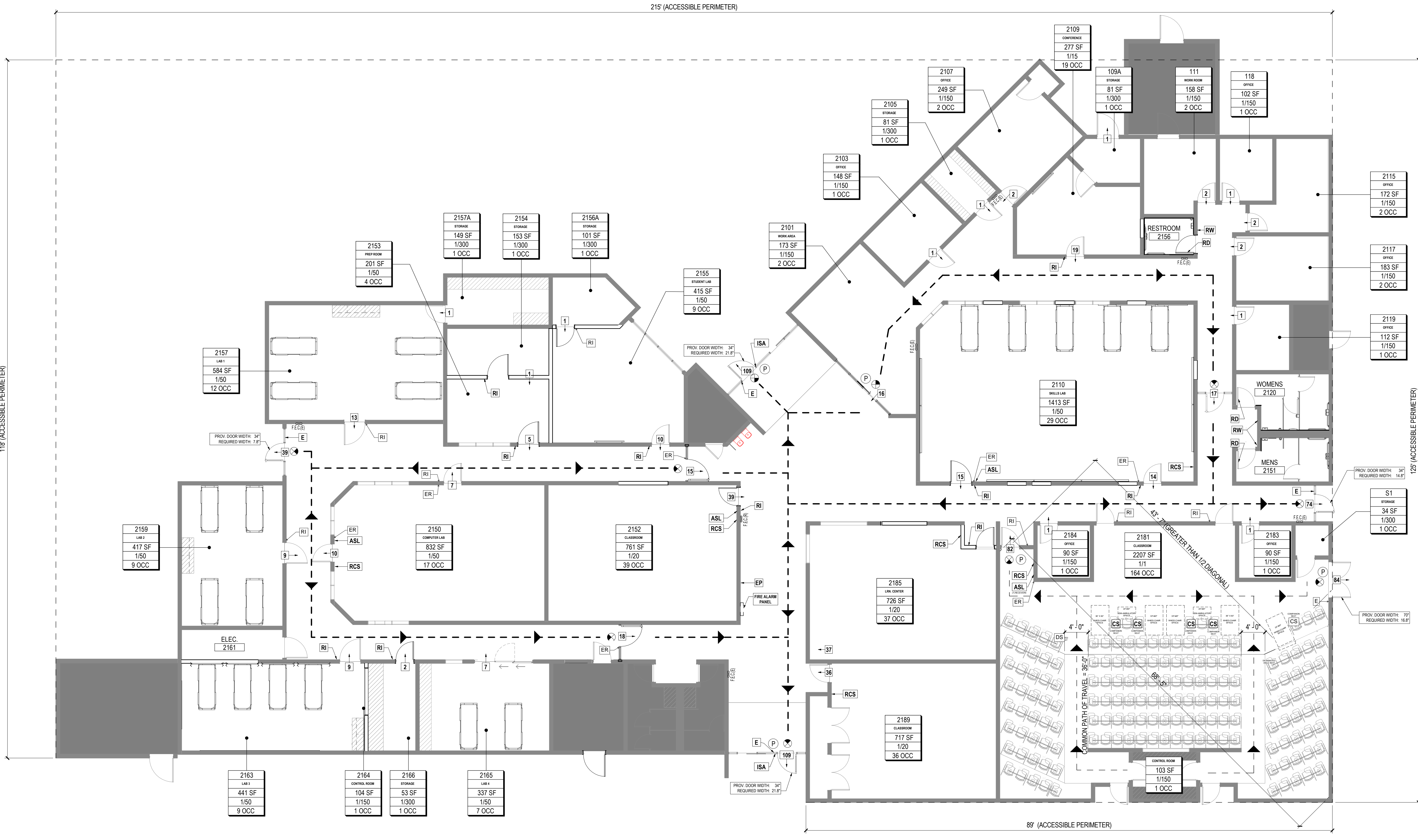


NOTE: "B" IS 48" MAX. WHEN "A" IS 10" MAX. "B" IS 46" MAX. WHEN "A" IS MORE THAN 10" AND 24" MAX.

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 FROM THE FLOOR SURFACE IS 48".

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

02 CBC/ADA REACH RANGES
SCALE: 1/4" = 1'-0"



GENERAL NOTES

- A 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.
B 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.
C 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 MINIMUM 90 MIN BATTERY BACKUP REQUIRED CBC 1013.6.3.
D 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.
E 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.
F EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

TACTILE SIGNAGE REQ.

- 1 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.
2 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.
3 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.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-120034 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler
225 Broadway Suite 100
San Diego, CA 92101
United States
Tel 619.557.2500
Fax 619.557.2520

Table with 3 columns: Date, Description, and initials. Entries include 02.05.2021 SCHEMATIC AK | SS, 03.05.2021 DESIGN AK | SS, 04.15.2021 DSA SUBMITTAL AK | WK | SS, 05.25.2021 DSA BACKCHECK AK | SS.



Seal/Signature

Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
LIFE SAFETY/EGRESS PLAN - LEVEL 01

Scale
As indicated

G03.001

01 LIFE SAFETY PLAN - LEVEL 01
SCALE: 1/8" = 1'-0"

BUILDING ANALYSIS

Table with 2 columns: Description of Use and Fire-Resistive Ratings Requirements. Includes occupancy group (A-3 & B), construction type (Type V-A), floor area (2,360 SF), fire alarm system (YES), and construction description (WOOD CONSTRUCTION WITH MASONRY VENEER EXTERIOR WALL).

GOVERNING CODES

- 2019 California Code of Regulations (CCR)
- Title 9 CCR: Industrial Relations
- Title 19 CCR: Public Safety, STATE FIRE MARSHAL REGULATIONS
- Title 20 CCR: Public Utilities and Energy
- Title 24 CCR: California Building Standards Code
- Part 2: 2019 Building Standards Administrative Code
- Part 3: 2019 California Building Code
- Part 4: 2019 California Electrical Code
- Part 5: 2019 California Mechanical Code
- Part 6: 2019 California Plumbing Code
- Part 7: 2019 California Fire Code
- Part 8: 2019 California Energy Code
- Part 9: 2019 California Fire Code
- Part 10: 2019 California Code for Building Conservation
- Part 11: 2019 California Green Building Standards Code (CALGreen)
- Part 12: 2019 California Reference Standards Code
- Part 13: 2019 California Reference Standards Code

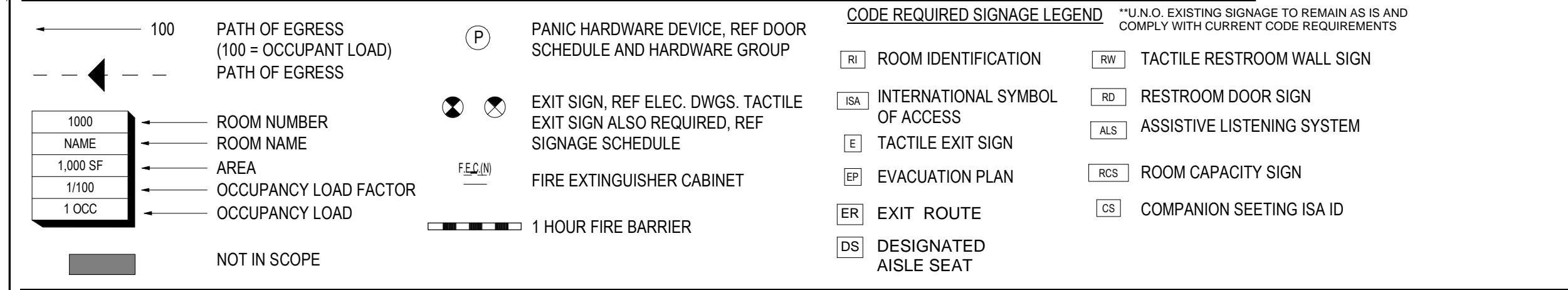
OCCUPANCY TABULATION

Table with 5 columns: NUMBER, NAME, AREA, OLF, OCCUPANT LOAD. Lists rooms like CONTROL ROOM, STORAGE, WORK ROOM, OFFICE, WORK AREA, PREP ROOM, STORAGE, OFFICE, CONFERENCE, SKILLS LAB, CLASSROOM, etc.

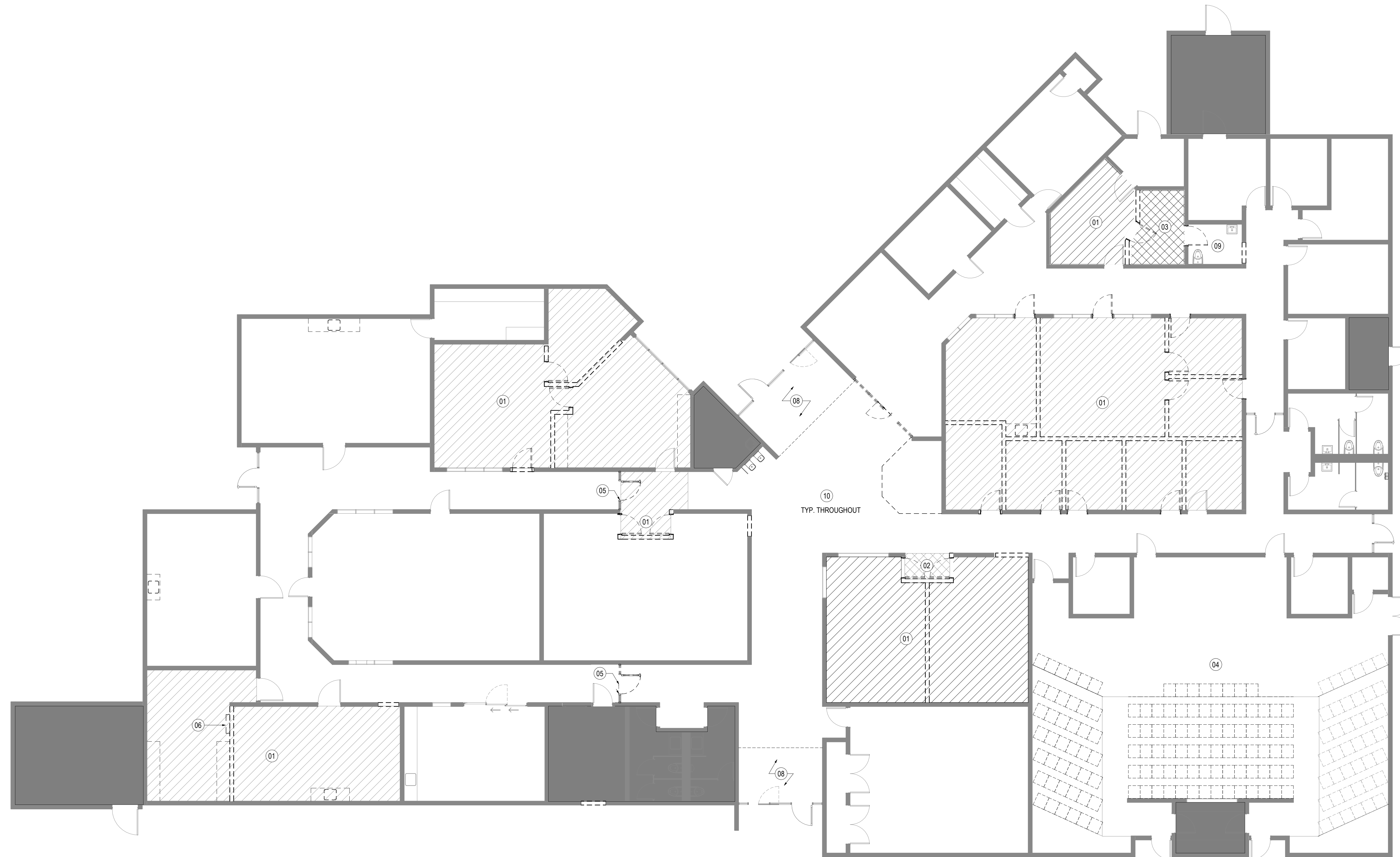
CLASSROOM 2181 SEATING TYPE TABULATION

Table with 3 columns: SEATING TYPE, REQUIRED, PROVIDED. Lists STANDARD SEATING, WHEELCHAIR, COMPANION, DESIGNATED AISLE, SEMI-AMBULATORY.

LEGEND

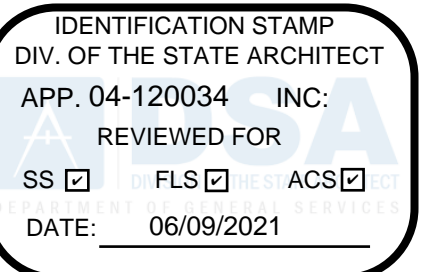


ASSISTIVE LISTENING DEVICES:
Assistive listening systems shall be provided in accordance with CBC section 11B-218 and shall comply with CBC Section 11B-705. The minimum number of receivers to be provided shall be equal to 4% of the total number of seats, but in no case less than two. 25% minimum of receivers provided, but no fewer than two, shall be hearing-aid compatible in accordance with CBC Section 11B-706.3
If the system provided is limited to specific areas or seats, then such areas or seats shall be within a 50 foot viewing distance of, and have a complete view of the stage or playing area per CBC Section 11B-218.4
DESIGNATED AISLE SEATS
Designated aisle seats shall be identified with a sign or marker with the International Symbol of Accessibility complying with Section 11B-703.2.2.1. Where armrests are provided on seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the seat.



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
- 05 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



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GENERAL NOTES

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

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

LEGEND

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



Seal/Signature

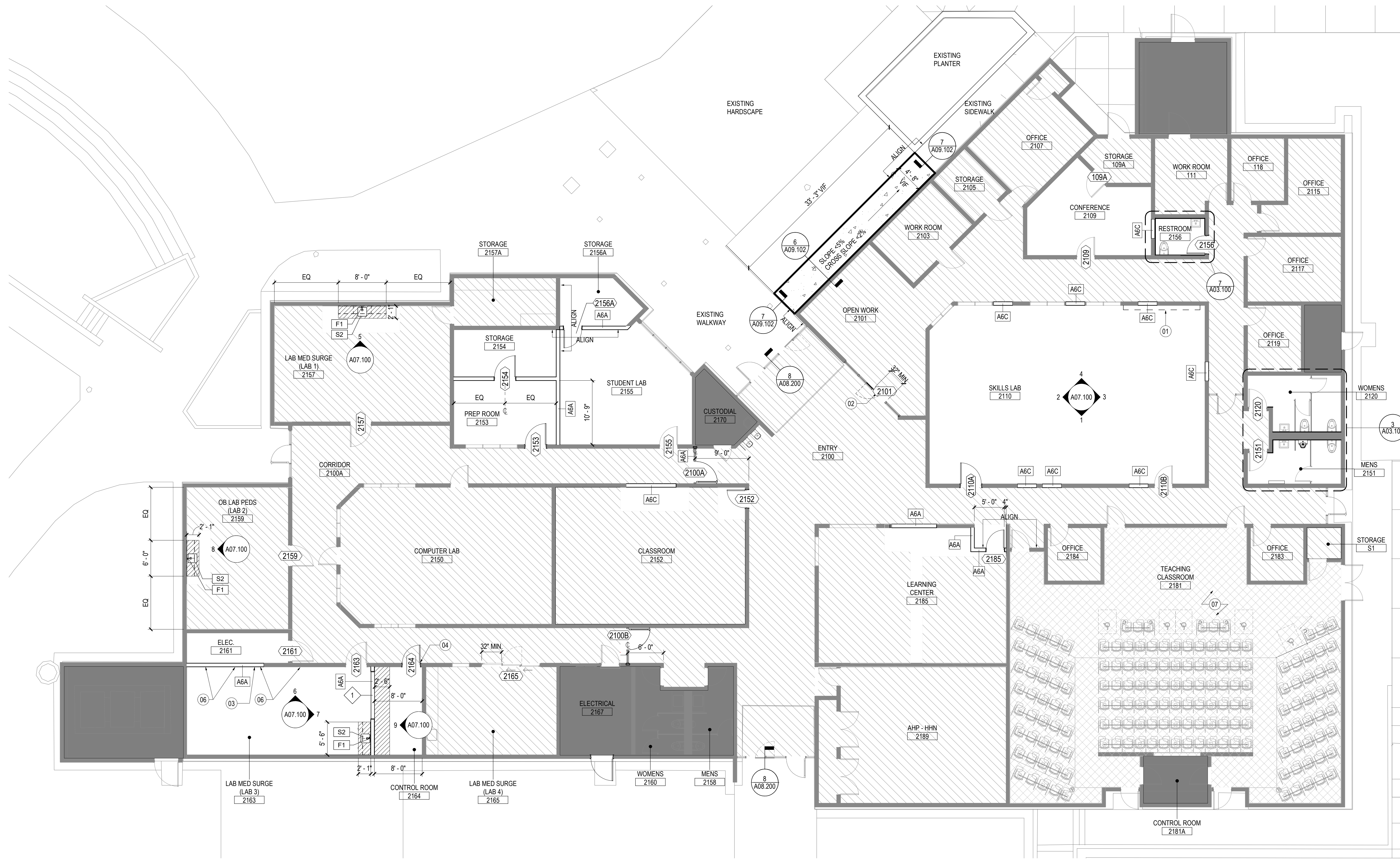
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
DEMOLITION PLAN - LEVEL 01

Scale
1/8" = 1'-0"

A01.001

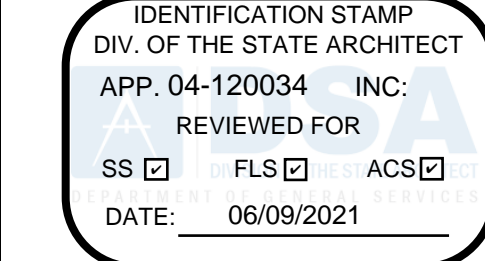


SHEET NOTES

- 01 (2) RELOCATED HEADWALLS AT THIS LOCATION. HEADWALLS TO BE RELOCATED FROM LAB 4. SEE ELEVATION. PROVIDE IN WALL BACKING PER 04/09.102.
- 02 REPLACE SLIDER PORTION OF DOOR SYSTEM WITH BREAKAWAY GLASS SLIDER WITH PANIC HARDWARE
- 03 (4) RELOCATED HEADWALLS AT THIS LOCATION. HEADWALLS TO BE RELOCATED FROM LAB 3. SEE ELEVATION. PROVIDE IN WALL BACKING PER 04/09.102.
- 04 REFER TO DETAIL 8/409.102 FOR FRAMING AT NEW SHEAR WALL OPENING AT NEW DOOR LOCATION
- 06 COMPRESSED AIR CONNECTION AT HEAD WALL CONNECTED TO BUILDING COMPRESSOR. SEE ELEVATION FOR HEAD WALL LOCATION.
- 07 REPLACE ALL AUDITORIUM SEATING WITH NEW SEATING AT EXISTING LOCATIONS. BASIS OF DESIGN SEATING: K1- SEQUENCE BEAM SEATING

GENERAL NOTES

- A REFER TO A09 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ACCESSIBILITY REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- B ALL PARTITIONS TO BE TYPE "X" UNLESS NOTED OTHERWISE. REFER TO A09 SERIES SHEETS FOR PARTITION DETAILS.
- 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.
- D USE 5/8" TYPE 'X' GYP. BD. THROUGHOUT.
- F PROVIDE BLOCKING AS REQ AT ALL LOCATIONS INCLUDING, BUT NOT LIMITED TO: GRAB BARS, OVERHEAD CABINERY, SHELVING, SIGNAGE, TOILET ROOM ACCESSORIES, WALL MOUNTED EQUIPMENT, ETC.



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Date	Description	By
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS



LEGEND

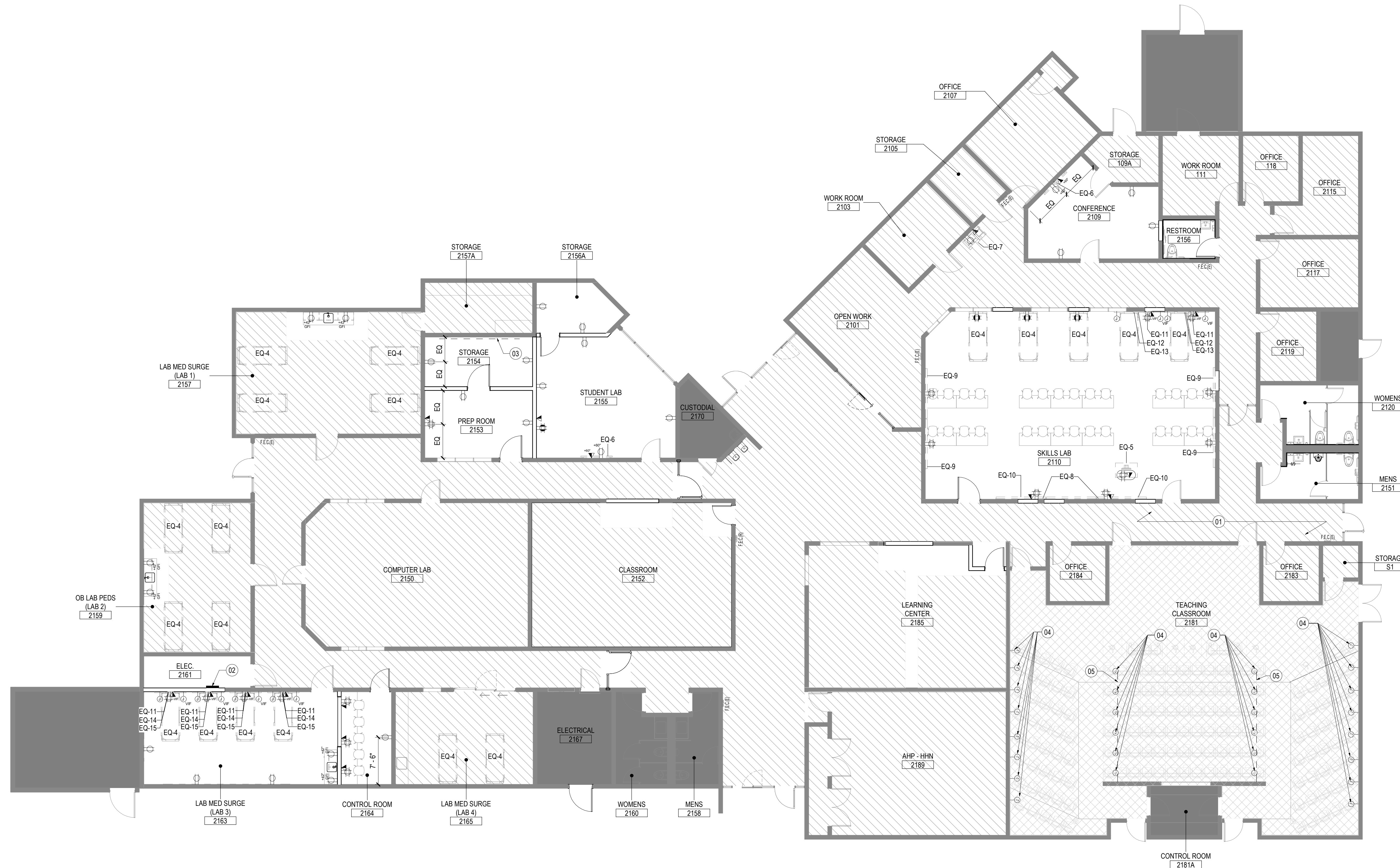
- EXISTING CONSTRUCTION TO REMAIN
- NOT IN CONTRACT
- REFER TO A09 SERIES FOR PARTITION TYPE DETAILS
- X XXX PARTITION TAG
- PARTITION TYPE DESIGNATOR (SEE PARTITION SERIES TYPE SCHEDULES)
- FRAMING MEMBER DEPTH (SEE PARTITION TYPE LEGEND)
- PARTITION SERIES (SEE PARTITION TYPE LEGEND)
- FIRE RATING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

Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
**LEVEL 01
CONSTRUCTION PLAN - LEVEL 01**

Scale
1/8" = 1'-0"



1 POWER & COMMUNICATION PLAN

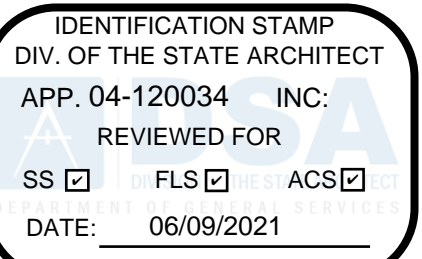
SCALE: 1/8" = 1'-0"

EQUIPMENT SCHEDULE

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

SHEET NOTES

- PROVIDE LOCKING COVER PLATES AT EXISTING OUTLETS AT THIS HALLWAY
- RELOCATED ELECTRICAL PANEL
- WIREMOLD POWER STRIP ALONG THIS WALL
- TYP. AT ALL NEW AUDITORIUM SEATING. NEW POWER AND INFRASTRUCTURE 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 INFRASTRUCTURE TO BE PRICED AS SEPERATE LINE ITEM ADD ALTERNATE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.



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GENERAL NOTES

- REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL POWER AND COMMUNICATION INDICATED BY (E) IS EXISTING TO REMAIN, UNO.
- ALL ADJACENT DEVICES TO BE GANGED TOGETHER, UNO. PROVIDE MATCHING COVER PLATES AND ONE-PIECE TYPE GANG COVER PLATES UNO.
- DEDICATED RECEPTACLES TO RECEIVE WHITE RECEPTACLES AND ISOLATED GROUND RECEPTACLES TO RECEIVE ORANGE RECEPTACLES.
- 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.
- CONTRACTOR TO COORDINATE ALL FLOOR CORE LOCATIONS 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 THRU'S. FACE OF FINISH AT PARTITIONS AND FLOOR WHERE APPLICABLE. CONDUCT PRE-INSTALLATION CONFERENCE

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
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04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

LEGEND

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

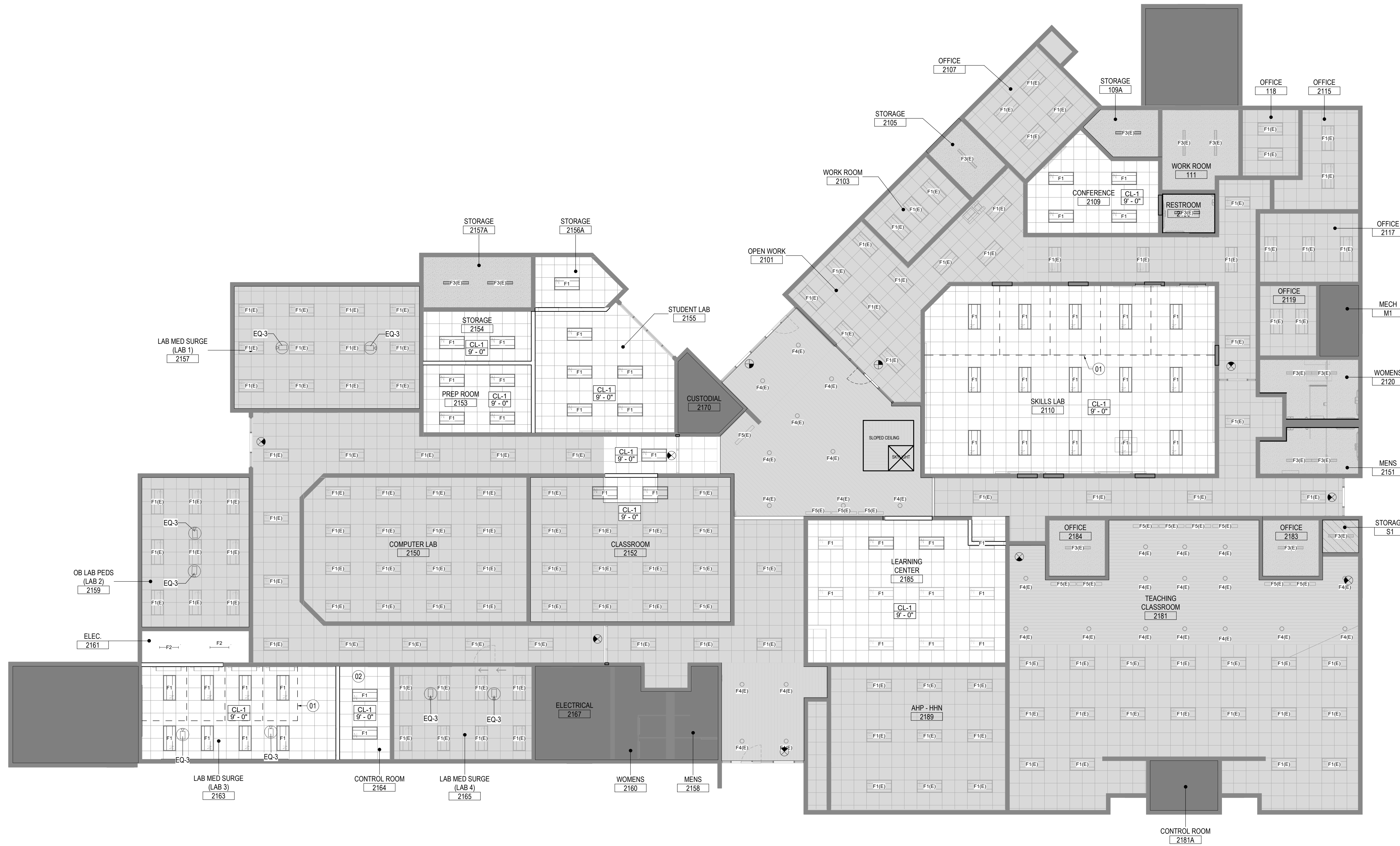
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
POWER & COMMUNICATIONS PLAN - LEVEL 01

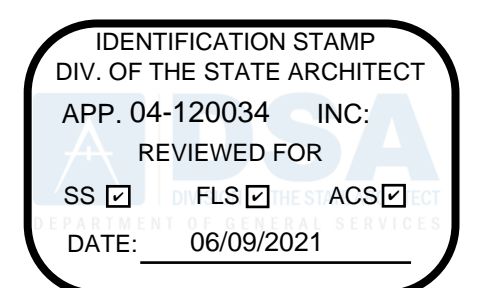
Scale
As indicated

A02.501



SHEET NOTES

- 01 CEILING MOUNTED CURTAIN TRACK, FINAL LOCATION TBD IN THE FIELD.
- 02 DIMMER CONTROL AT CONTROL ROOM.



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GENERAL NOTES

- A REFER TO A00 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- B EXIT ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FC AT THE WALKING SURFACE LEVEL (CBC 1008.2). POWER FOR THE MEANS OF EGRESS ILLUMINATION 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).
- C 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.
- D ALL NEW GRILLS, PERFORATIONS, 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.
- F UNLESS CEILING GRID TO BE CENTERED IN ROOM, ANY CEILING MOUNTED DEVICES TO BE MOUNTED IN CENTER OF CEILING TILE.

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03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

LEGEND

CEILING TYPES

- OPEN TO STRUCTURE 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

01 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

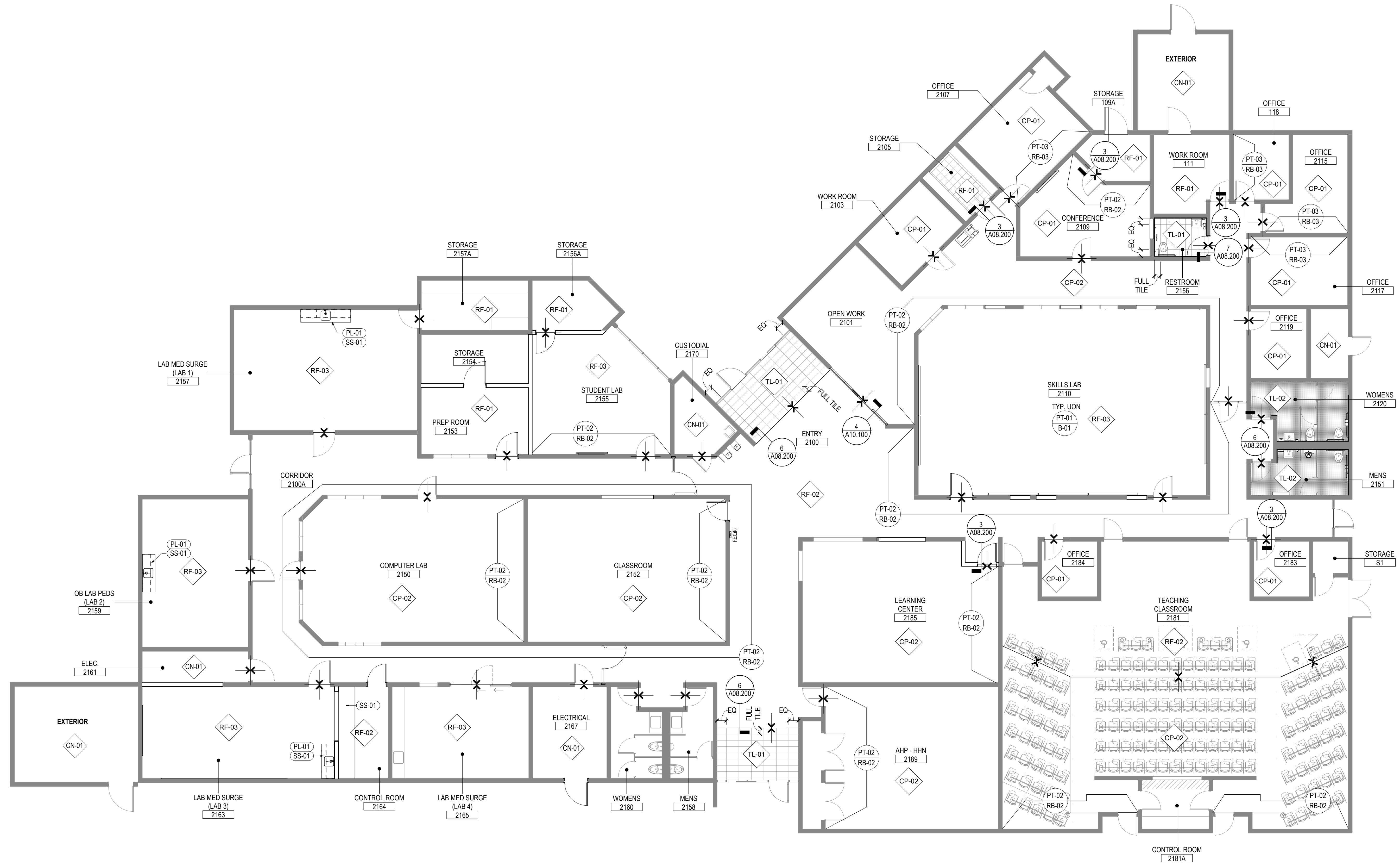
LIGHT FIXTURE SCHEDULE

TYPE MARK	DESCRIPTION	COMMENTS
F1	2'x4' RECESSED LED LIGHT FIXTURE	
F1(E)	2'x4' EXISTING LIGHT FIXTURE	
F2	4' CHAIN HUNG LIGHT FIXTURE	
F3(E)	EXISTING SURFACE MOUNTED LINEAR LIGHT FIXTURE	
F4(E)	EXISTING CIRCULAR CAN LIGHT FIXTURE	
F5(E)	EXISTING RECESSED LINEAR LIGHT FIXTURE	

EQUIPMENT SCHEDULE

Type Mark	Description	Count	Mounting
EQ-3	POINT TO ZOOM CAMERA (CEILING MOUNTED)	8	CEILING

A02.601



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

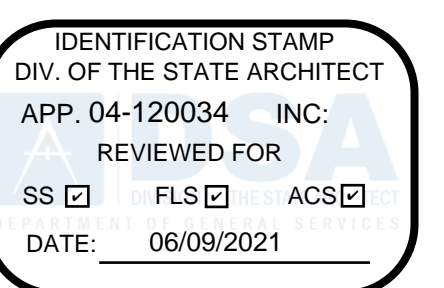
FINISH SCHEDULE

<p>CP-01 DESCRIPTION: CARPET TILE MANUFACTURER: SHAW OR APPROVED EQUAL STYLE/PATTERN: FLAT WEAVE OR APPROVED EQUAL COLOR: BLENDED OR APPROVED EQUAL SIZE: 9'X36" INSTALLATION: ASHLAR</p>	<p>RF-01 DESCRIPTION: RESILIENT FLOORING MANUFACTURER: ARMSTRONG OR APPROVED EQUAL STYLE/PATTERN: STRIATIONS OR APPROVED EQUAL COLOR: STEEL T3602 OR APPROVED EQUAL SIZE: 12" X 24"</p>	<p>TL-01 DESCRIPTION: PORCELAIN TILE (FLOOR) MANUFACTURER: VERSATILE OR APPROVED EQUAL STYLE/PATTERN: GLOCAL OR APPROVED EQUAL COLOR: SUGAR OR APPROVED EQUAL SIZE: 12" x 24" INSTALLATION: STACKED</p>	<p>PT-01 DESCRIPTION: PAINT - GENERAL MANUFACTURER: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: NEW WHITE OR APPROVED EQUAL</p>	<p>RB-01 DESCRIPTION: BASE - RESILIENT MANUFACTURER: JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN: ROLLED TYPE GOODS. COLOR: TBD REMARKS: 4" HEIGHT</p>	<p>PL-01 DESCRIPTION: PLASTIC LAMINATE MANUFACTURER: FORMICA OR APPROVED EQUAL COLOR: LANDMARK WOOD OR APPROVED EQUAL FINISH: MATTE</p>
<p>CP-02 DESCRIPTION: CARPET TILE MANUFACTURER: SHAW OR APPROVED EQUAL STYLE/PATTERN: FLAT WEAVE OR APPROVED EQUAL COLOR: BLENDED SKY OR APPROVED EQUAL SIZE: 9' X 36" INSTALLATION: ASHLAR</p>	<p>RF-02 DESCRIPTION: RESILIENT FLOORING MANUFACTURER: ARMSTRONG OR APPROVED EQUAL STYLE/PATTERN: ABIDE OR APPROVED EQUAL COLOR: TAHINI OAK OR APPROVED EQUAL SIZE: 7" X 48"</p>	<p>TL-02 DESCRIPTION: EXISTING TILE TO REMAIN</p>	<p>PT-02 DESCRIPTION: PAINT - ACCENT MANUFACTURER: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: FIRST STAR OR APPROVED EQUAL</p>	<p>RB-02 DESCRIPTION: BASE - RESILIENT MANUFACTURER: JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN: ROLLED TYPE GOODS. COLOR: TBD REMARKS: 4" HEIGHT</p>	<p>SS-01 DESCRIPTION: SOLID SURFACE MANUFACTURER: CEASERSTONE OR APPROVED EQUAL COLOR: INTENSE WHITE 6011 OR APPROVED EQUAL SIZE: 30 MM FINISH: MATTE</p>
<p>CN-01 DESCRIPTION: EXPOSED CONCRETE</p>	<p>RF-03 DESCRIPTION: RESILIENT FLOORING MANUFACTURER: SHAW OR APPROVED EQUAL STYLE/PATTERN: TERRACE OR APPROVED EQUAL COLOR: HERON OR APPROVED EQUAL SIZE: 12" X 24"</p>	<p>TL-03 DESCRIPTION: PORCELAIN TILE (WALL) MANUFACTURER: VERSATILE OR APPROVED EQUAL STYLE/PATTERN: GLOCAL OR APPROVED EQUAL COLOR: TBD SIZE: 12" x 24" INSTALLATION: STACKED</p>	<p>PT-03 DESCRIPTION: PAINT - ACCENT MANUFACTURER: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: HAZEL OR APPROVED EQUAL</p>	<p>RB-03 DESCRIPTION: BASE - RESILIENT MANUFACTURER: JOHNSONITE OR APPROVED EQUAL STYLE/PATTERN: ROLLED TYPE GOODS. COLOR: TBD REMARKS: 4" HEIGHT</p>	

SHEET NOTES

GENERAL NOTES

- A REFER TO A01 SERIES SHEETS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS, ADA REQUIREMENTS, CLEARANCES, MOUNTING HEIGHTS, ETC.
- B ALL PAINT FINISH LOCATIONS TO BE THREE COAT SYSTEMS (1) COAT PRIMER, (2) COATS FINISH.
- C FLOAT WOOD AND RESILIENT FLOORS LEVEL TO WITHIN 1/4" IN 10'. PROVIDE SURVEY OF FLOOR ELEVATIONS TO ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- D 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.
- E 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.
- F FLOOR COVERING IN CLOSETS SHALL BE THE SAME AS THAT OF THE SPACE ONTO WHICH THE CLOSET DOOR OPENS. UNO.
- G FLOAT ALL AREAS WHERE FLOOR IS NOT LEVEL OR TRUE PRIOR TO FLOORING INSTALLATIONS.
- H 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.
- J UNO. PROVIDE PT-01 & RB-01 THROUGHOUT



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05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name
IVC - SCHOOL OF NURSING

Project Number
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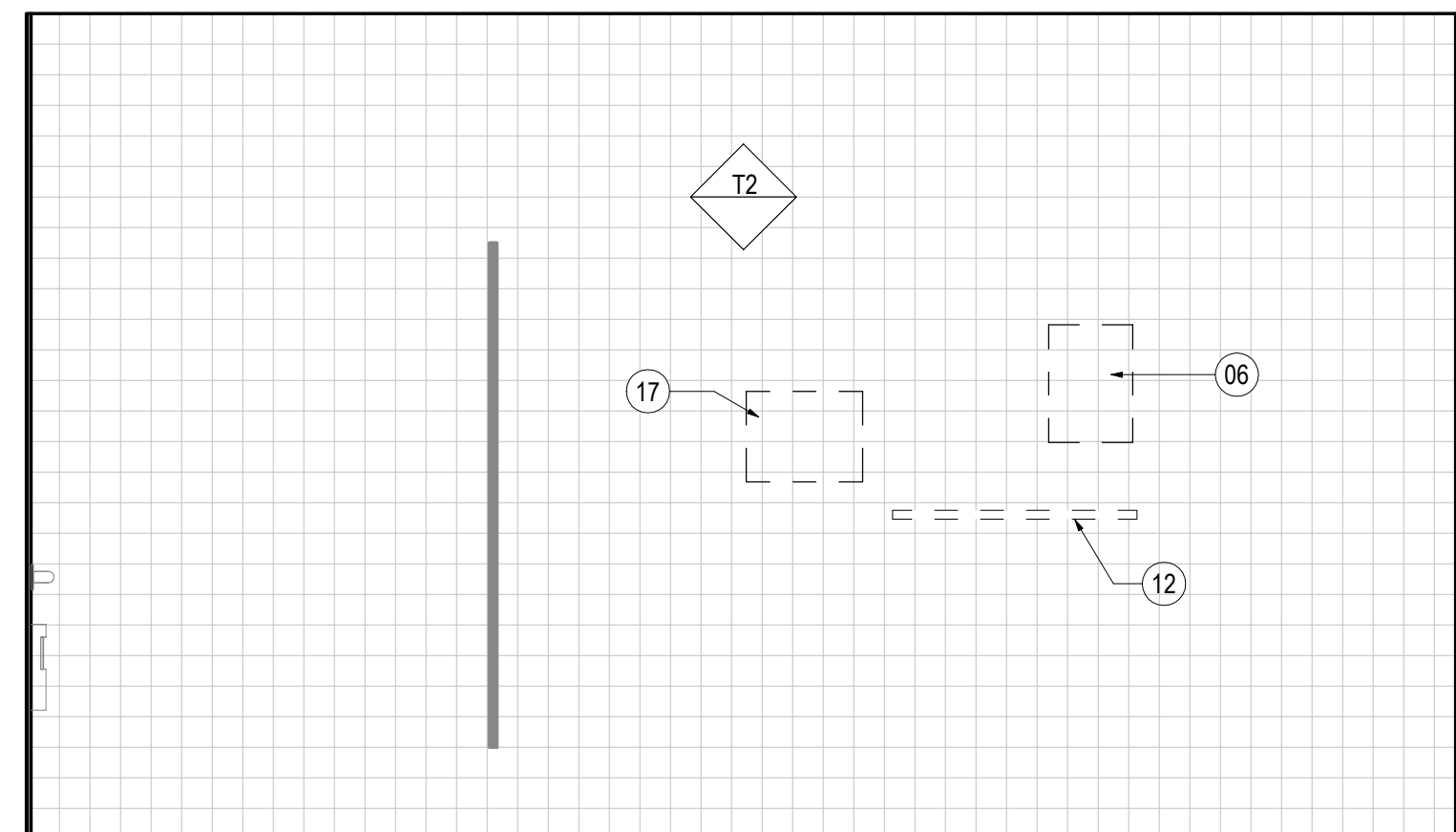
Description
**LEVEL 01
FINISH PLAN - LEVEL 01**

Scale
1/8" = 1'-0"

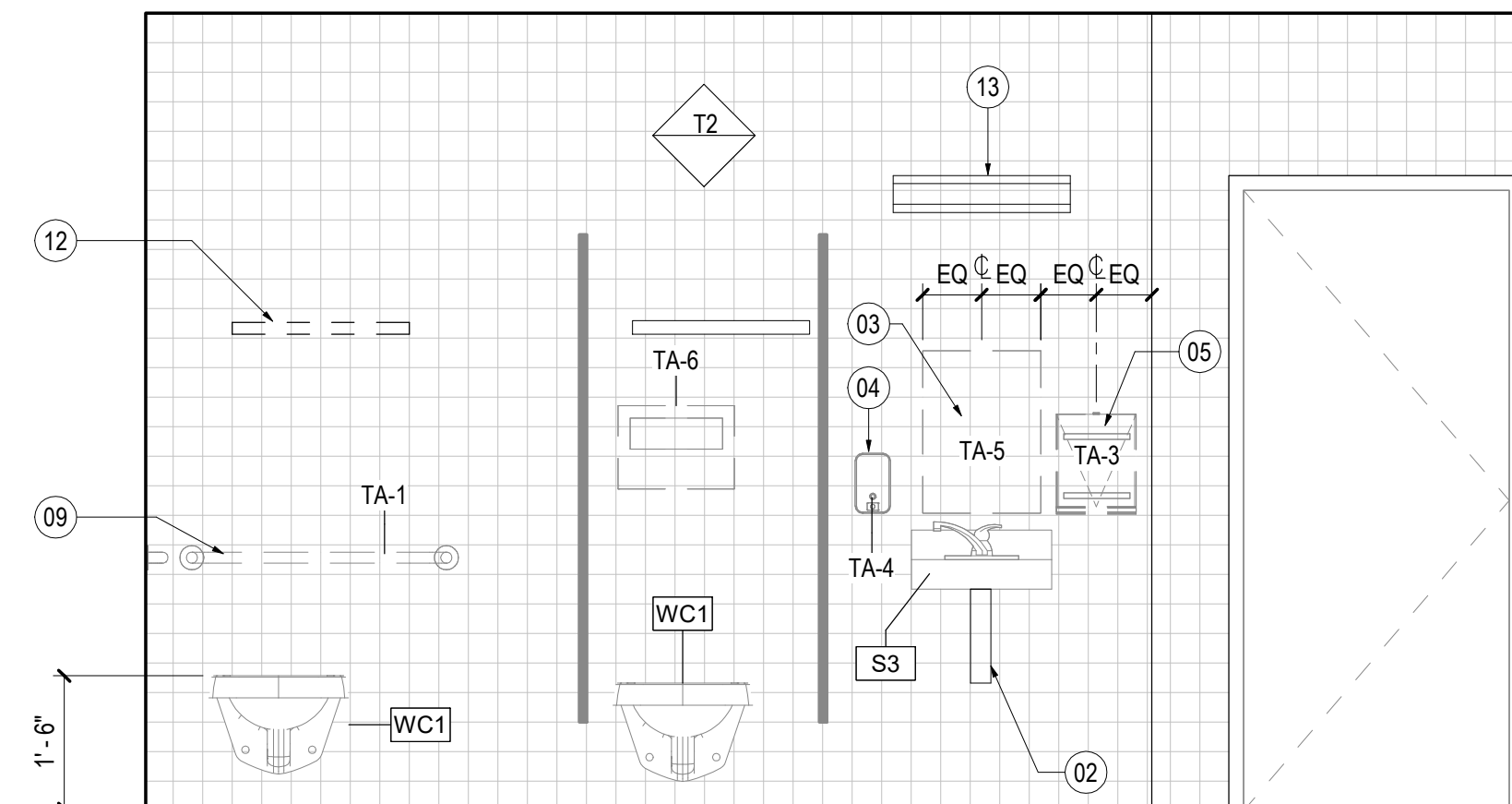
A02.701

Plumbing 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

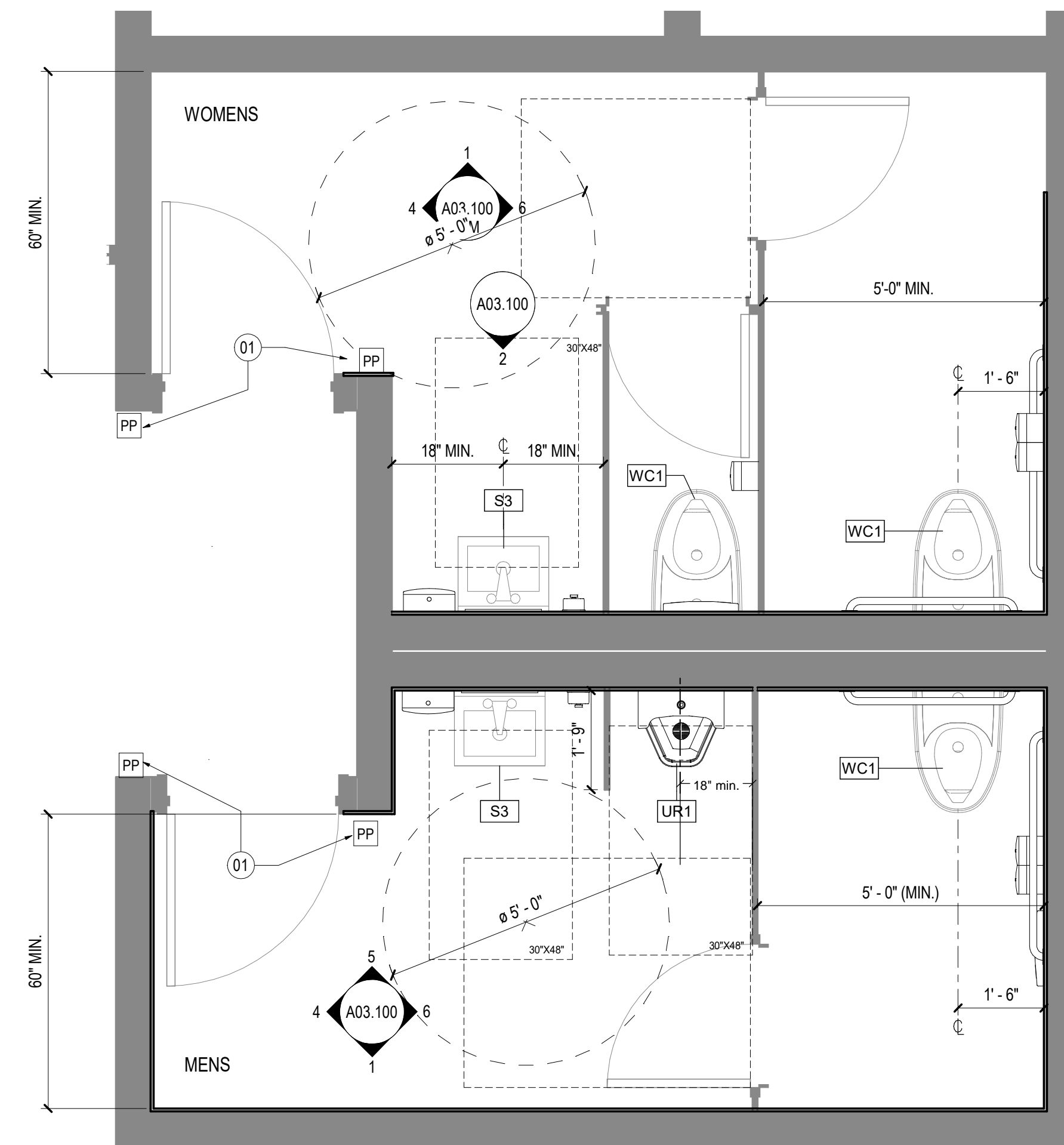
Specialty Equipment Schedule				
Type Mark	Description	Manufacturer	Model	Comments
TA-1	HORIZONTAL GRAB BAR 36"	BOBRICK	b-5806	
TA-2	HORIZONTAL GRAB BAR 48"	BOBRICK	b-5806	
TA-3	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK OR EQUAL	B-4262 OR EQUAL	
TA-4	SURFACE MOUNTED SOAP DISPENSER	DRACO	Z200B-3	
TA-5	SURFACE MOUNT MIRROR	EXISTING	N/A	
TA-6	SURFACE MOUNTED SEAT COVER DISPENSER	THUNDER GROUP INC.	PLTSCD3812	
TA-8	SURFACE MOUNTED TOILET TISSUE DISPENSER	GEORGIA PACIFIC	56744	



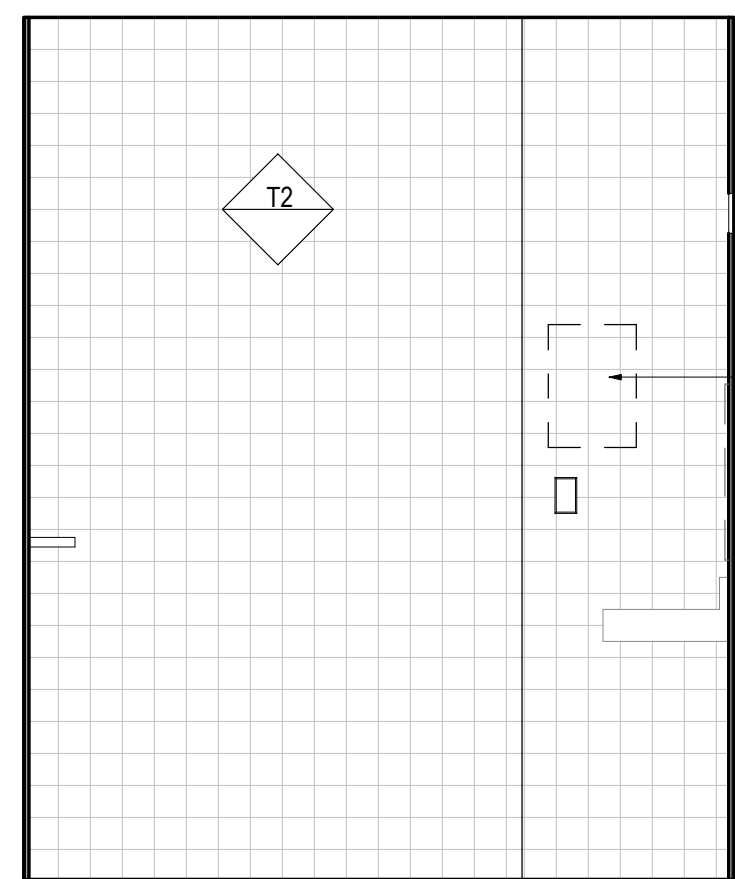
1 MEN'S RESTROOM - S
SCALE: 1/2" = 1'-0"



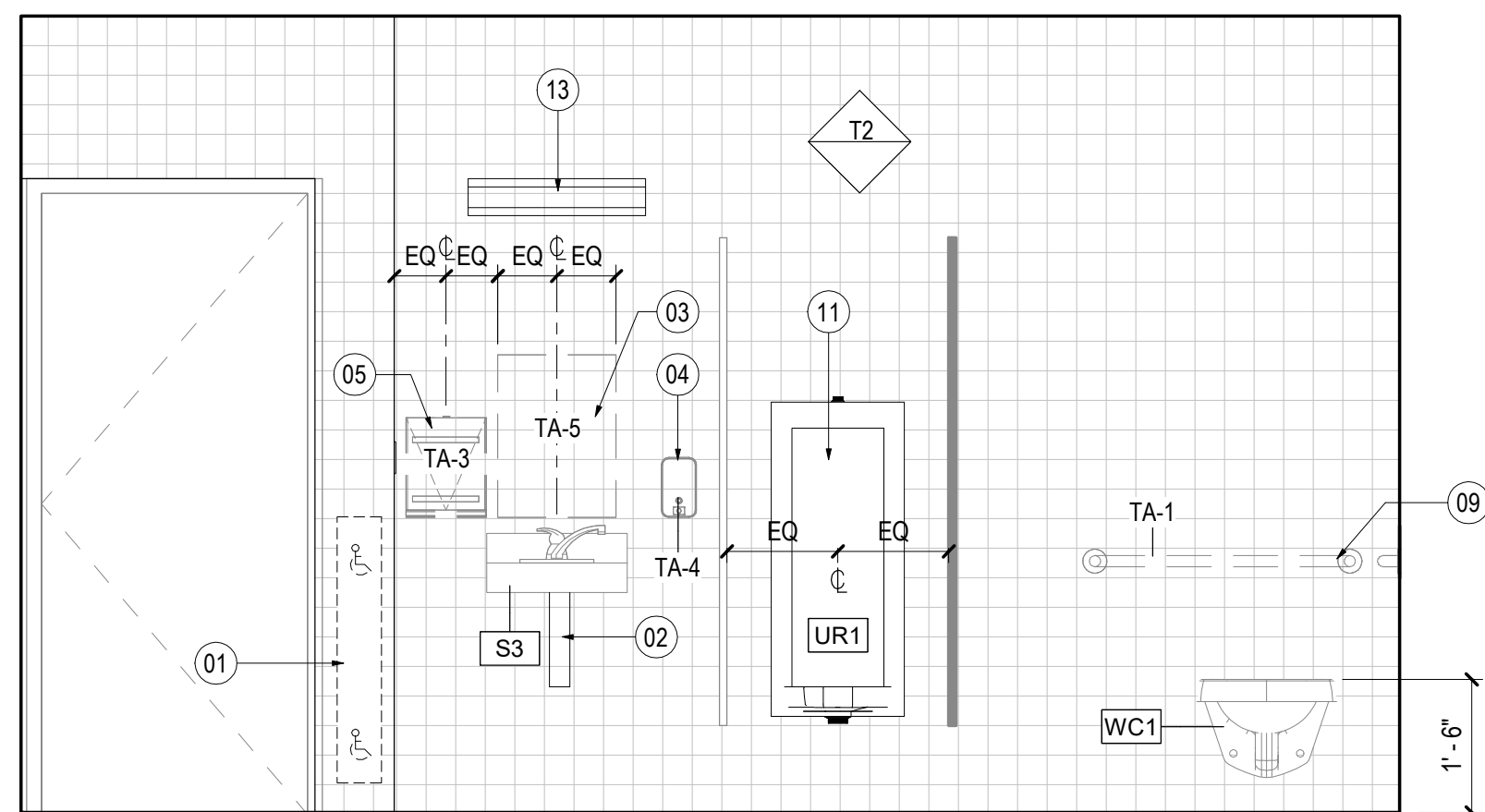
2 WOMEN'S RESTROOM - S
SCALE: 1/2" = 1'-0"



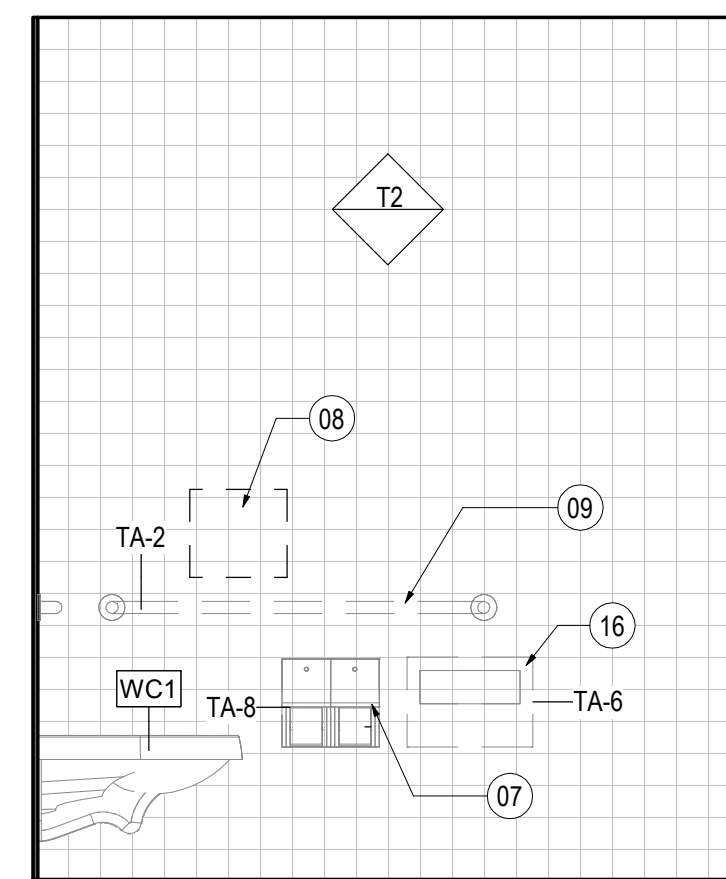
3 ENLARGED PLAN - RESTROOMS
SCALE: 1/2" = 1'-0"



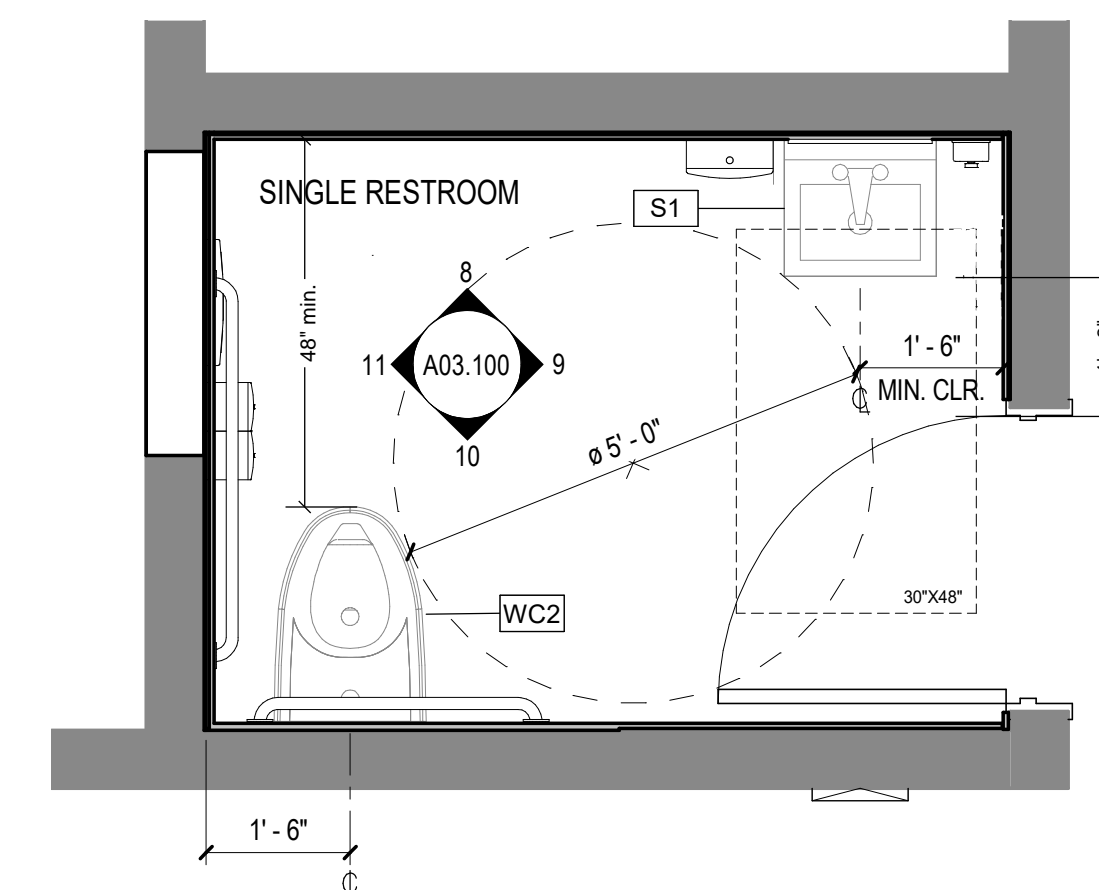
4 MEN'S RESTROOM - W
SCALE: 1/2" = 1'-0"



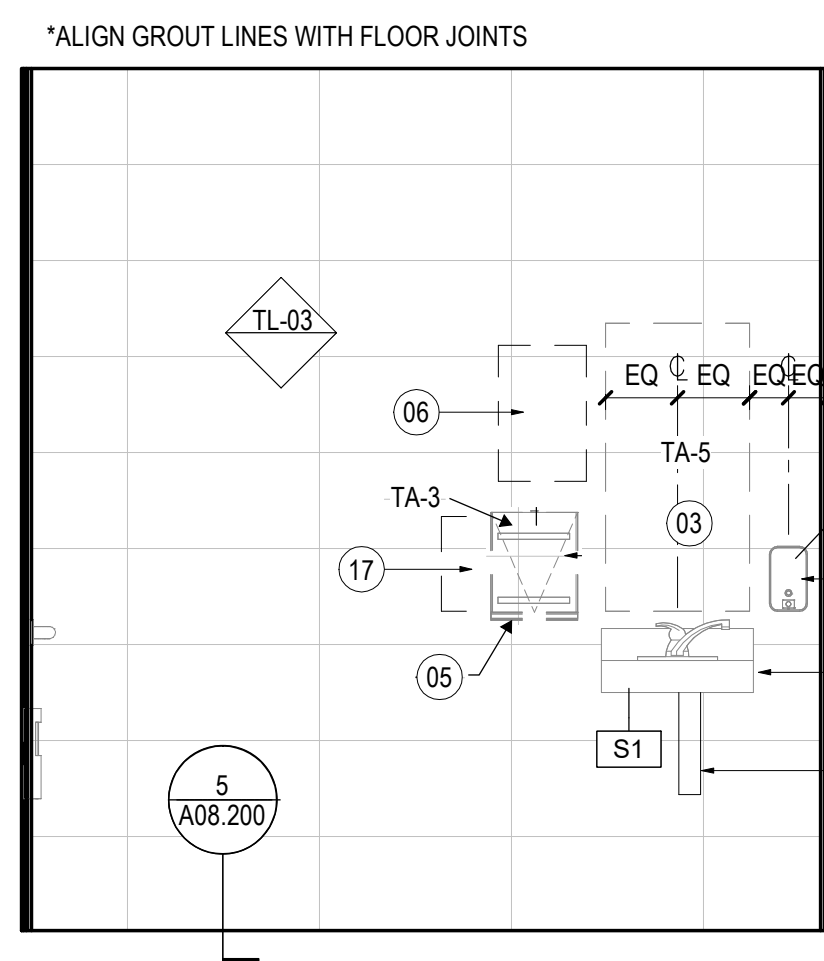
5 MEN'S RESTROOM - N
SCALE: 1/2" = 1'-0"



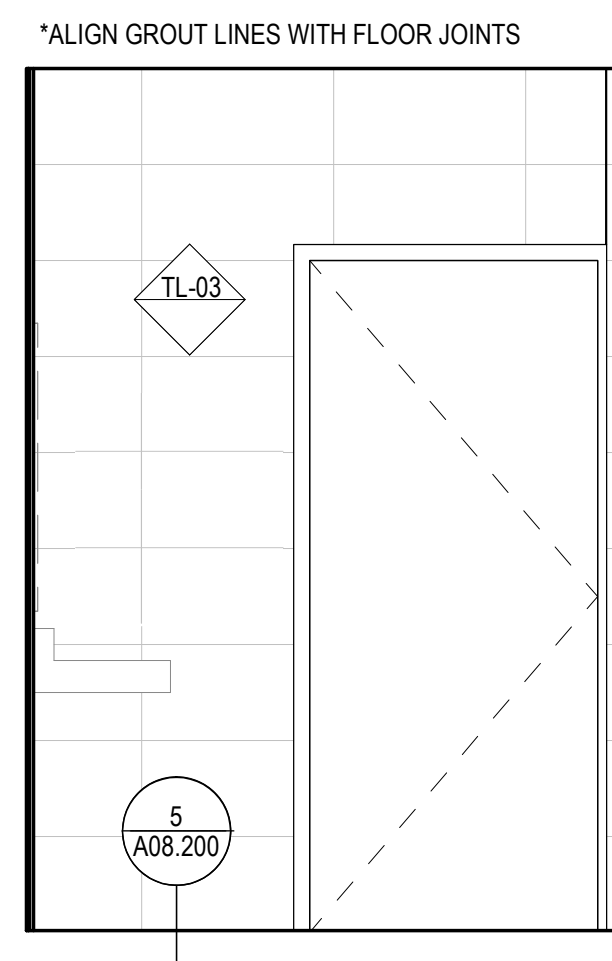
6 MEN'S RESTROOM - E
SCALE: 1/2" = 1'-0"



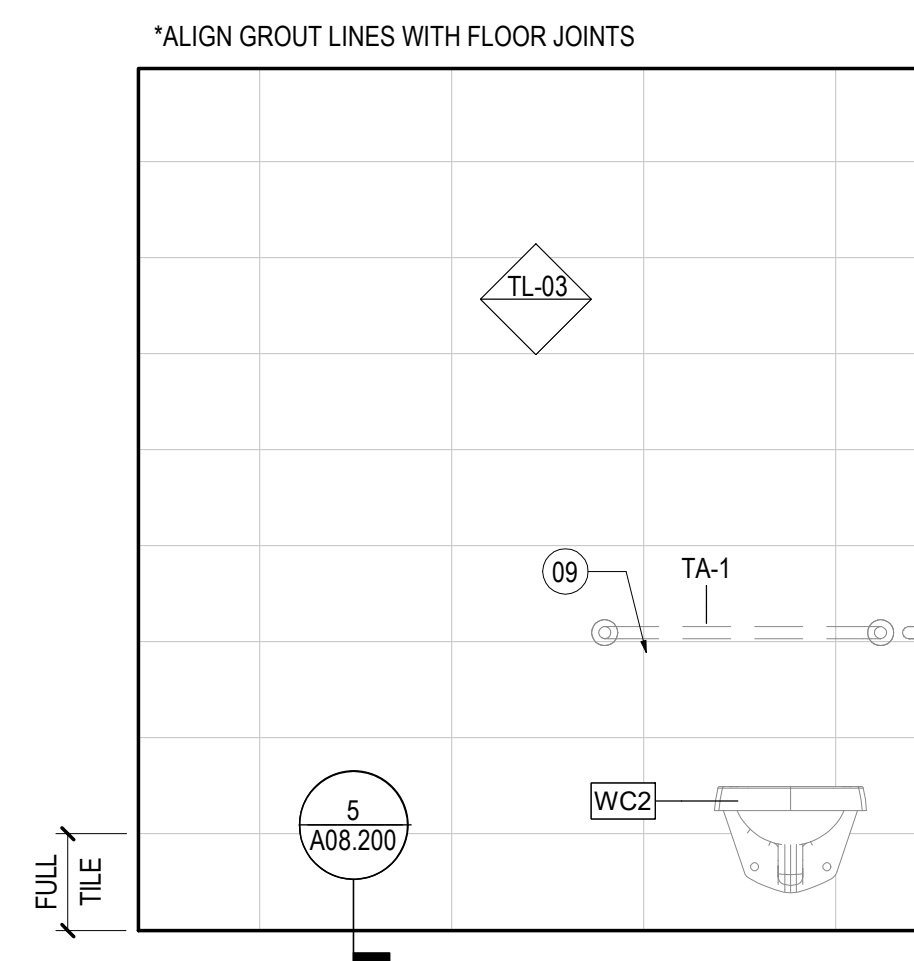
7 ENLARGED PLAN - SINGLE RESTROOM
SCALE: 1/2" = 1'-0"



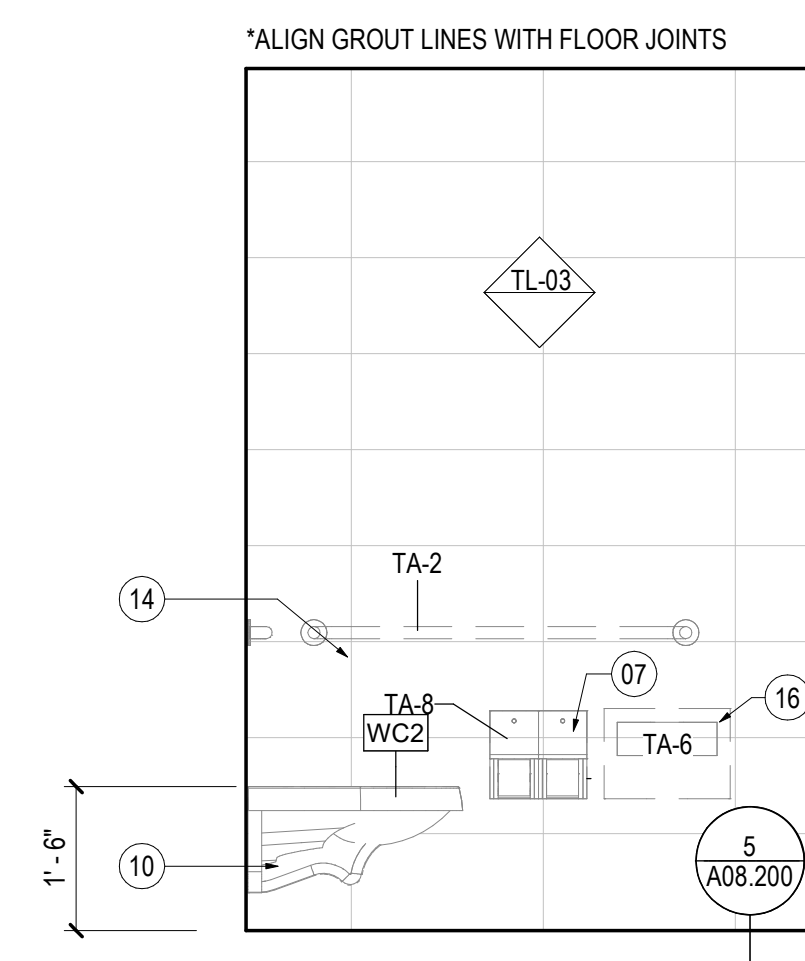
8 SINGLE RESTROOM - N
SCALE: 1/2" = 1'-0"



9 SINGLE RESTROOM - E
SCALE: 1/2" = 1'-0"



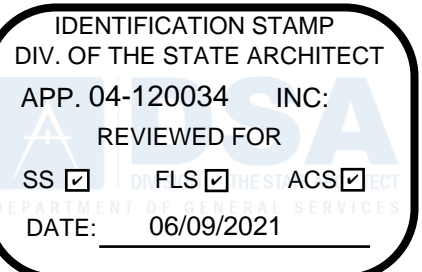
10 SINGLE RESTROOM - S
SCALE: 1/2" = 1'-0"



11 SINGLE RESTROOM - W
SCALE: 1/2" = 1'-0"

SHEET NOTES

- REPLACE EXISTING ADA PUSH PLATE AUTO DOOR OPENER WITH NEW HIGH AND LOW ADA PUSH PLATE AT EXISTING LOCATION. BEALPR36 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.
- NEW SURFACE MOUNT PAPER TOWEL DISPENSER, BOBRICK B-4262 OR SIMILAR. MOUNTING DIMENSIONS PER SHEET G00.200
- DEMO EXISTING 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. PATCH ANY HOLES CREATED DUE TO RELOCATION OF ACCESSORIES TO MATCH ADJACENT WALL FINISH AND LOOK.
- 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.
- DEMO EXISTING SHELF AND RETURN TO OWNER. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.
- EXISTING LIGHT FIXTURE TO REMAIN AS IS
- 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 EXISTING SURFACE MOUNTED HAND DRYER AND RETURN TO OWNER. PATCH ANY HOLES CREATED DUE TO RELOCATION TO MATCH ADJACENT WALL FINISH AND LOOK.



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Seal/Signature

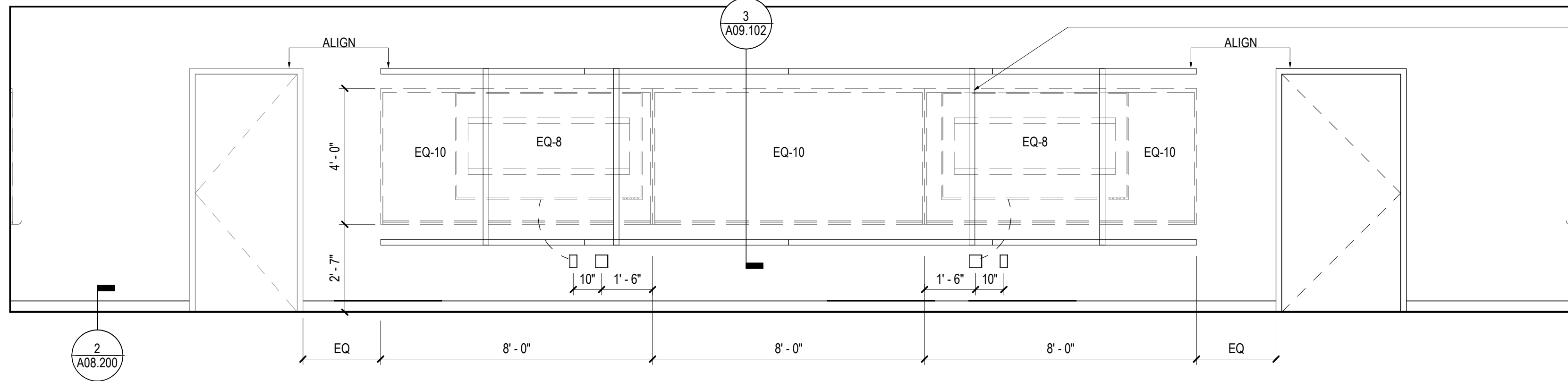
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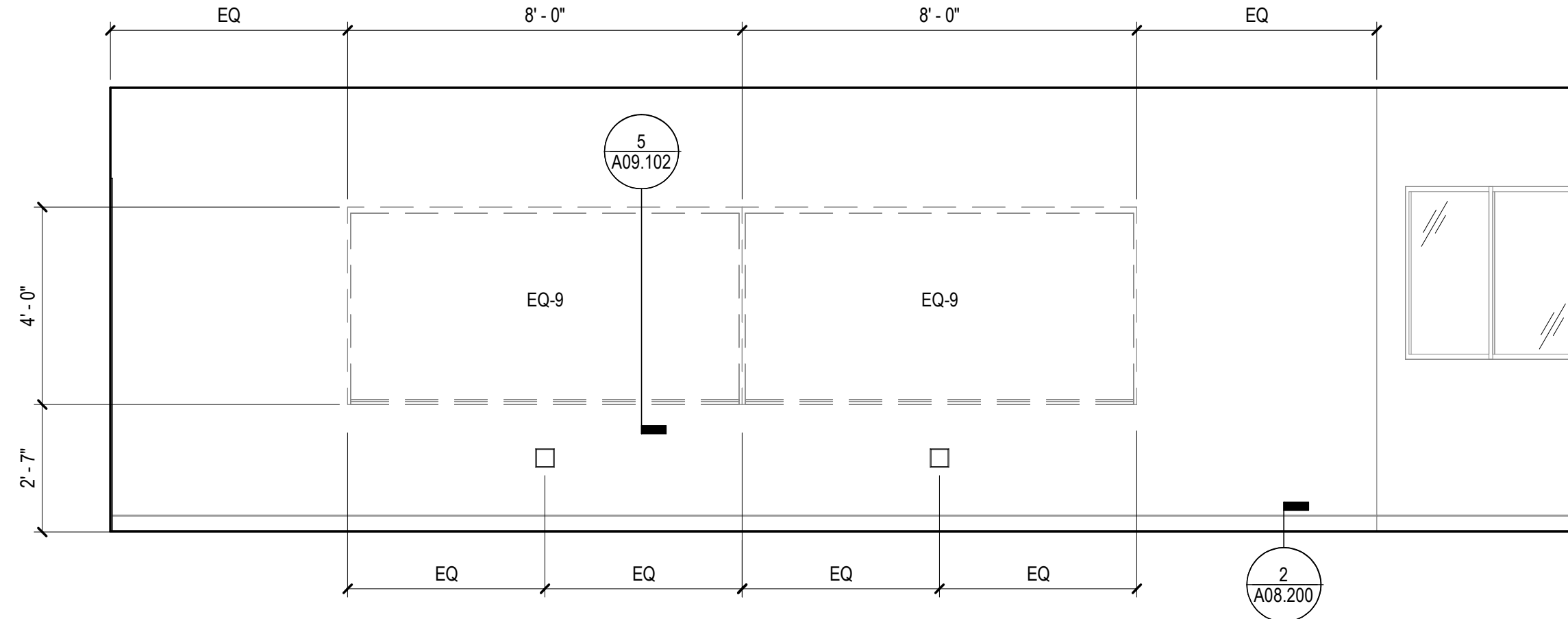
Description
LEVEL 01
RESTROOM PLANS

Scale
1/2" = 1'-0"

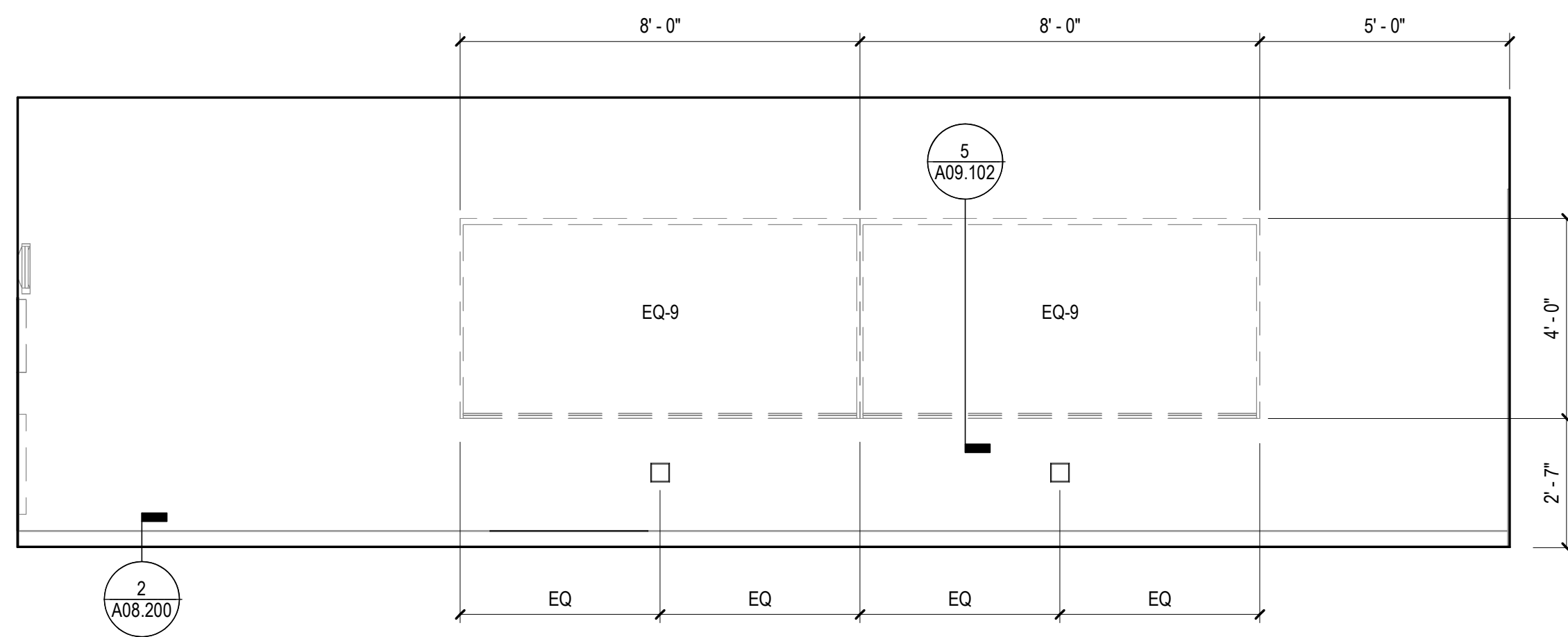
A03.100



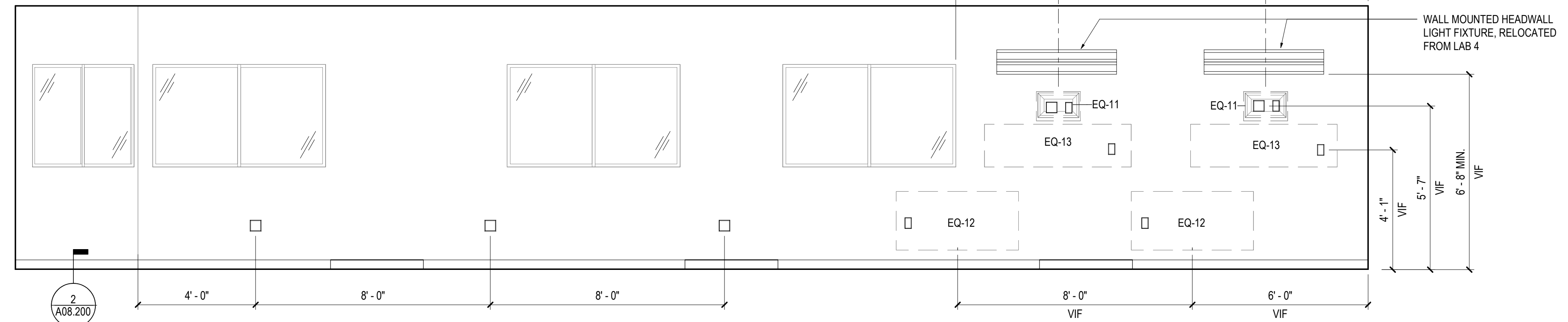
1 INTERIOR ELEVATION - SKILLS LAB S
 SCALE: 3/8" = 1'-0"



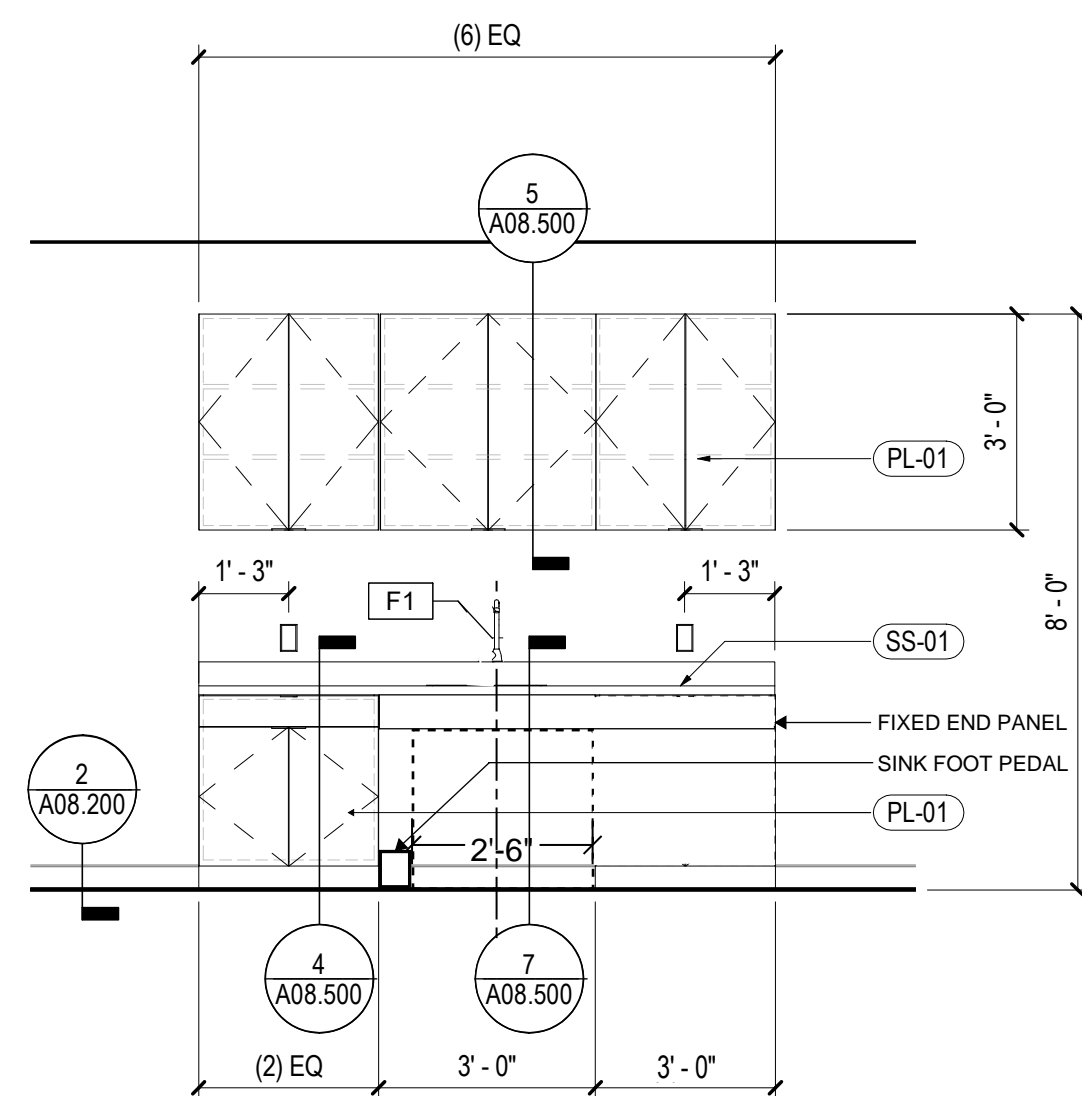
2 INTERIOR ELEVATION - SKILLS LAB W
 SCALE: 3/8" = 1'-0"



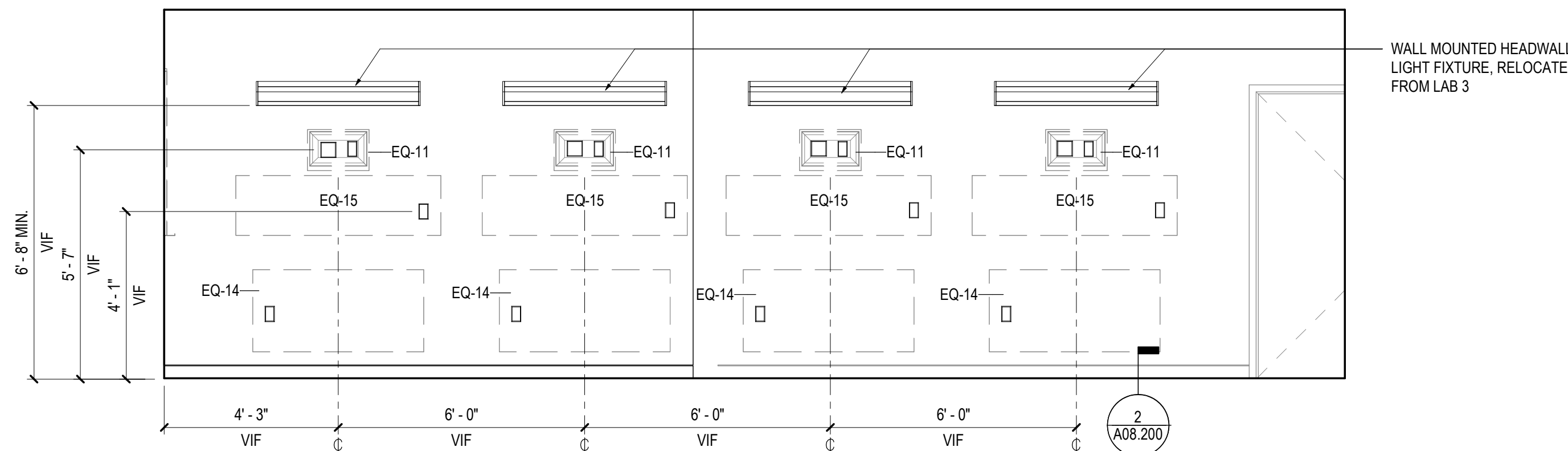
3 INTERIOR ELEVATION - SKILLS LAB E
 SCALE: 3/8" = 1'-0"



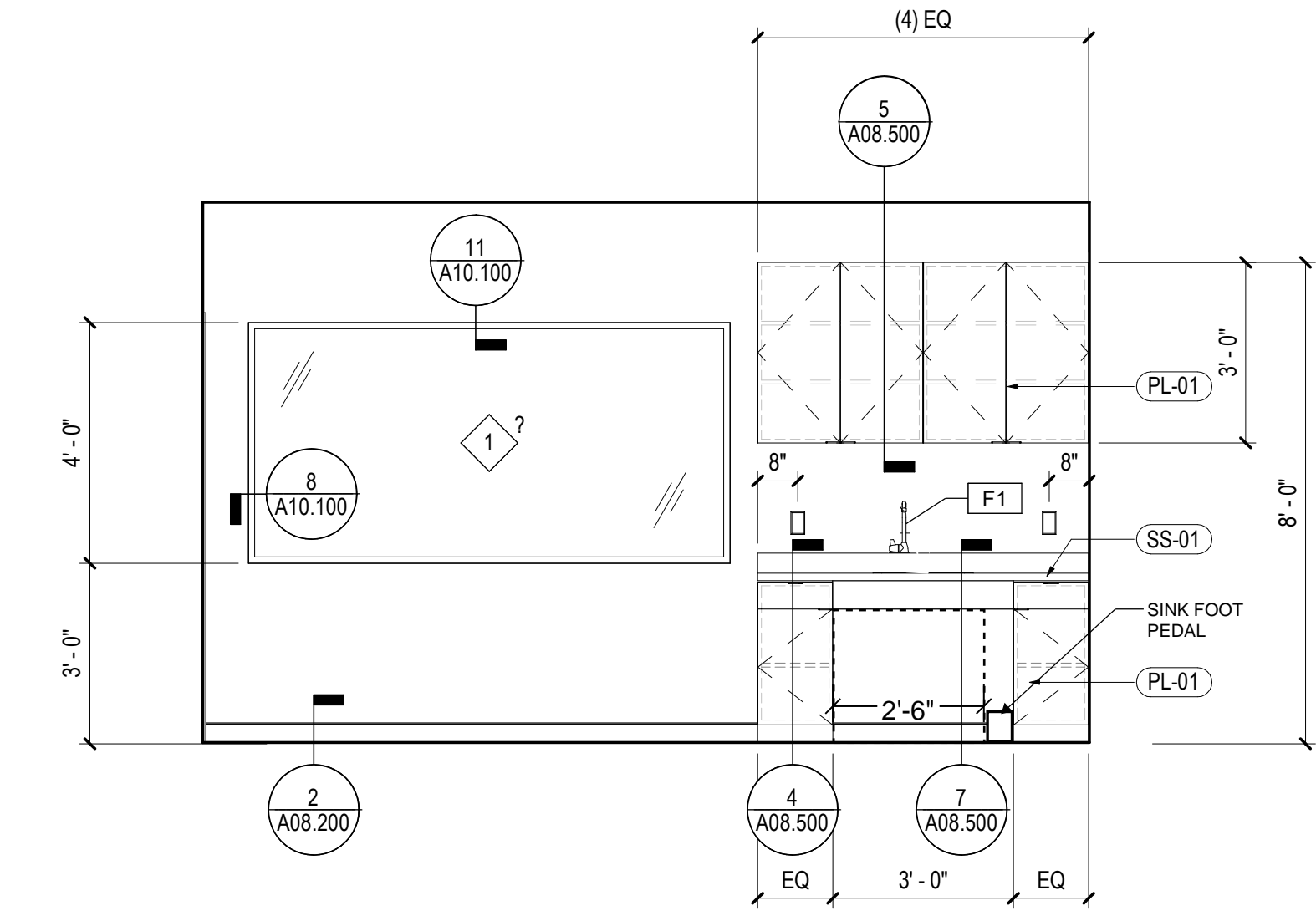
4 INTERIOR ELEVATION - SKILLS LAB N
 SCALE: 3/8" = 1'-0"



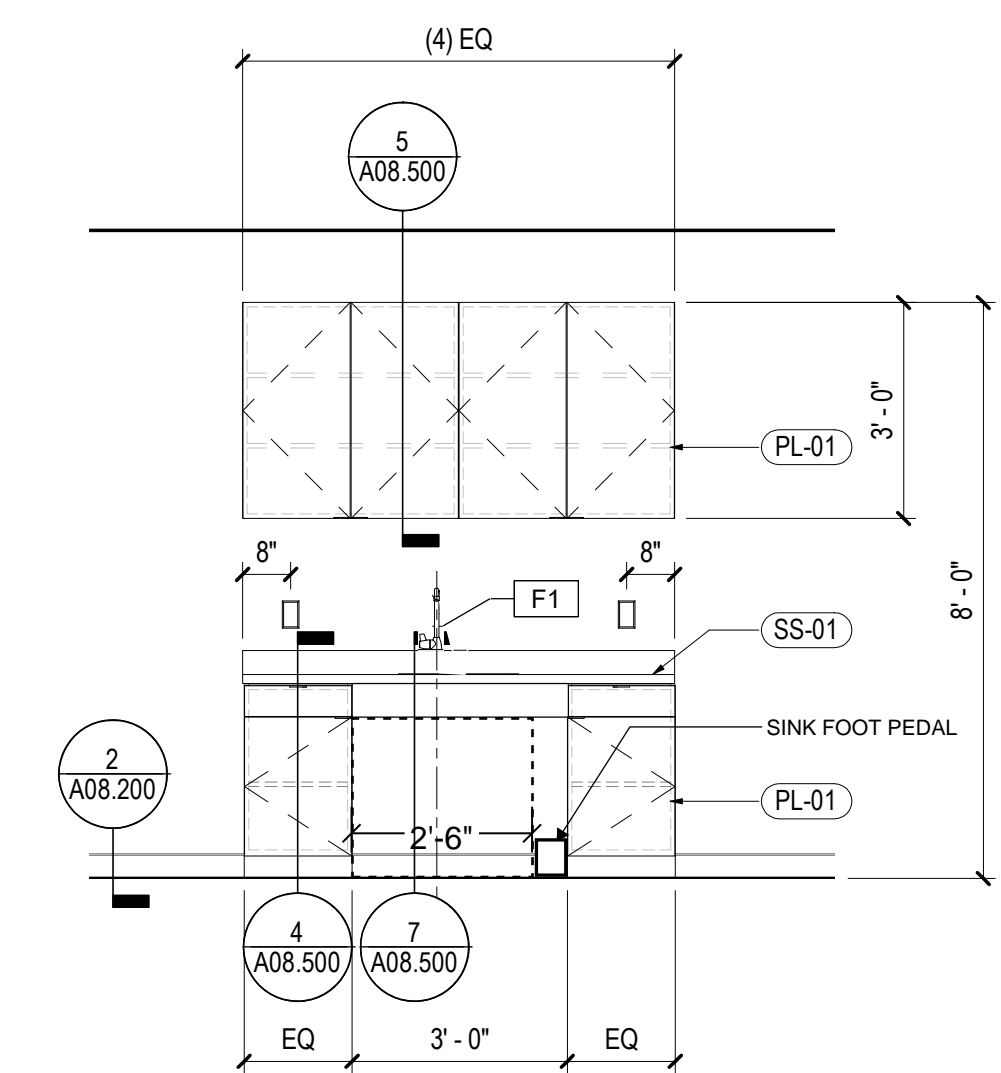
5 INTERIOR ELEVATION - LAB 1
 SCALE: 3/8" = 1'-0"



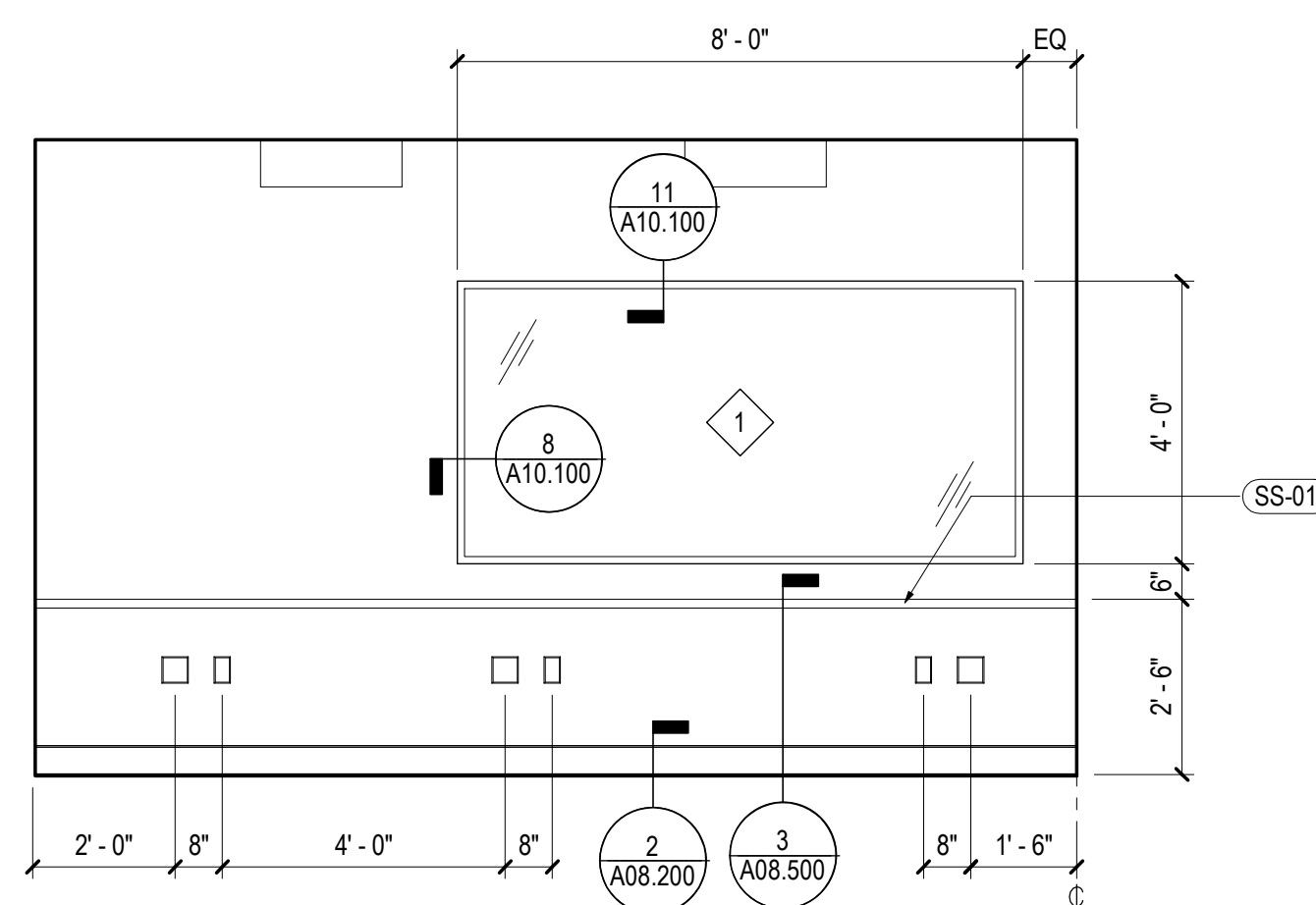
6 LAB 3 - N
 SCALE: 3/8" = 1'-0"



7 INTERIOR ELEVATION - LAB 3
 SCALE: 3/8" = 1'-0"



8 INTERIOR ELEVATION - LAB 2
 SCALE: 3/8" = 1'-0"



9 INTERIOR ELEVATION - CONTROL ROOM W
 SCALE: 3/8" = 1'-0"

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

EQUIPMENT SCHEDULE

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

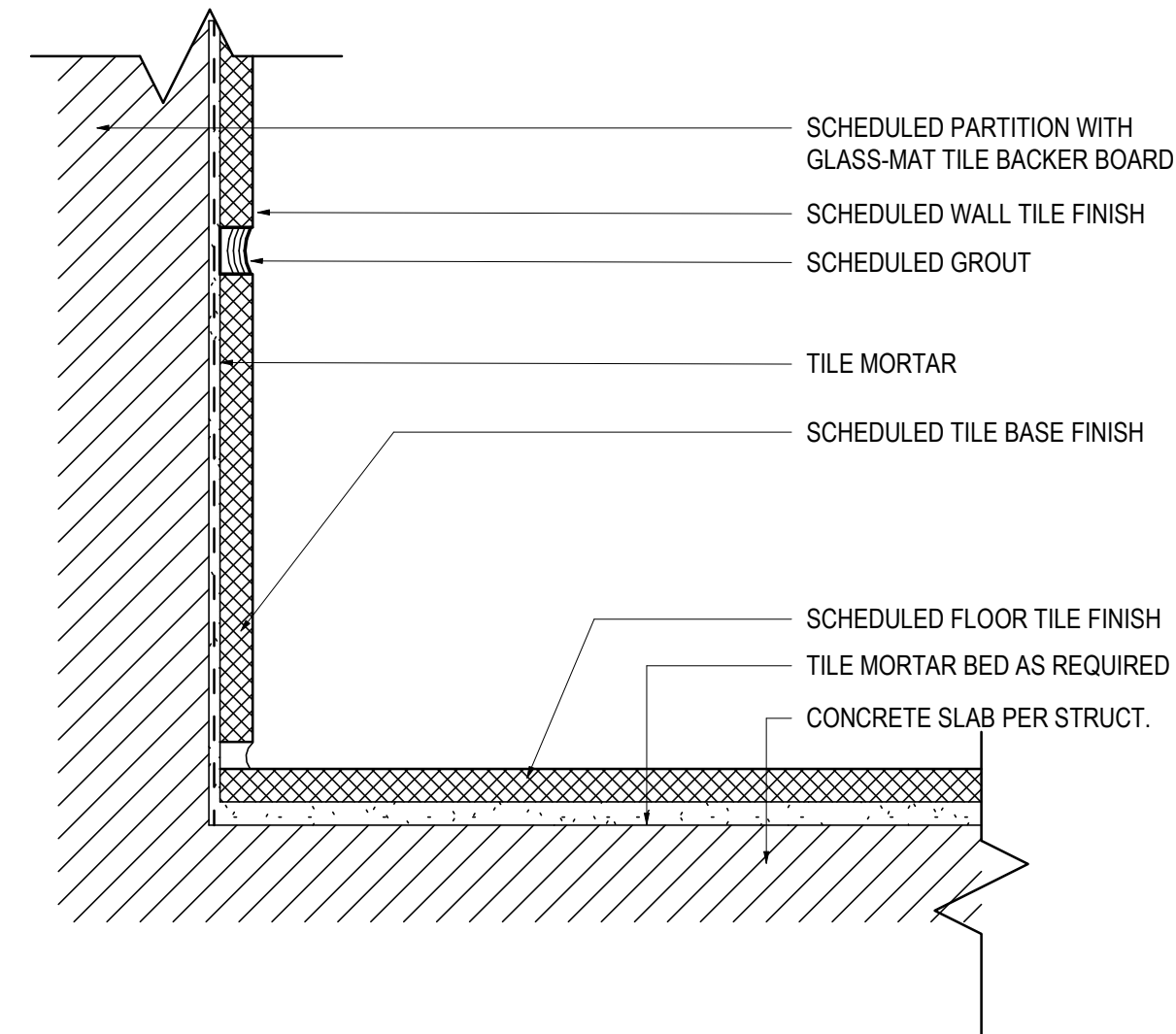
Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

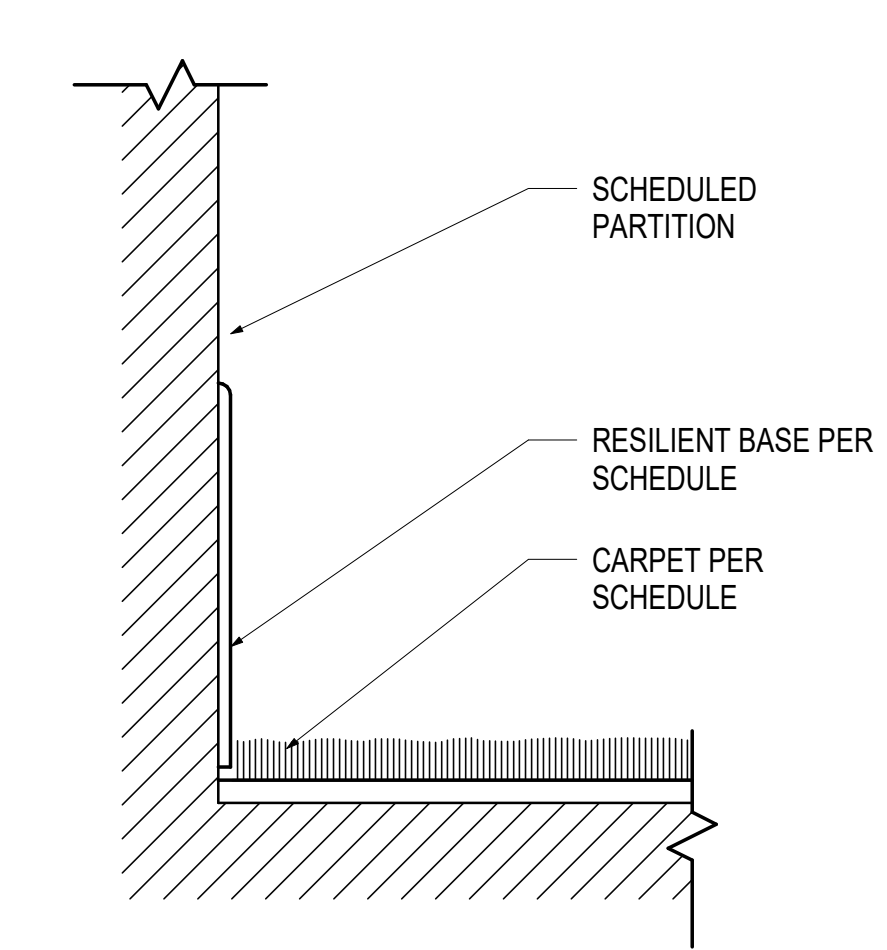
Description
 LEVEL 01
 INTERIOR ELEVATIONS

Scale
 3/8" = 1'-0"

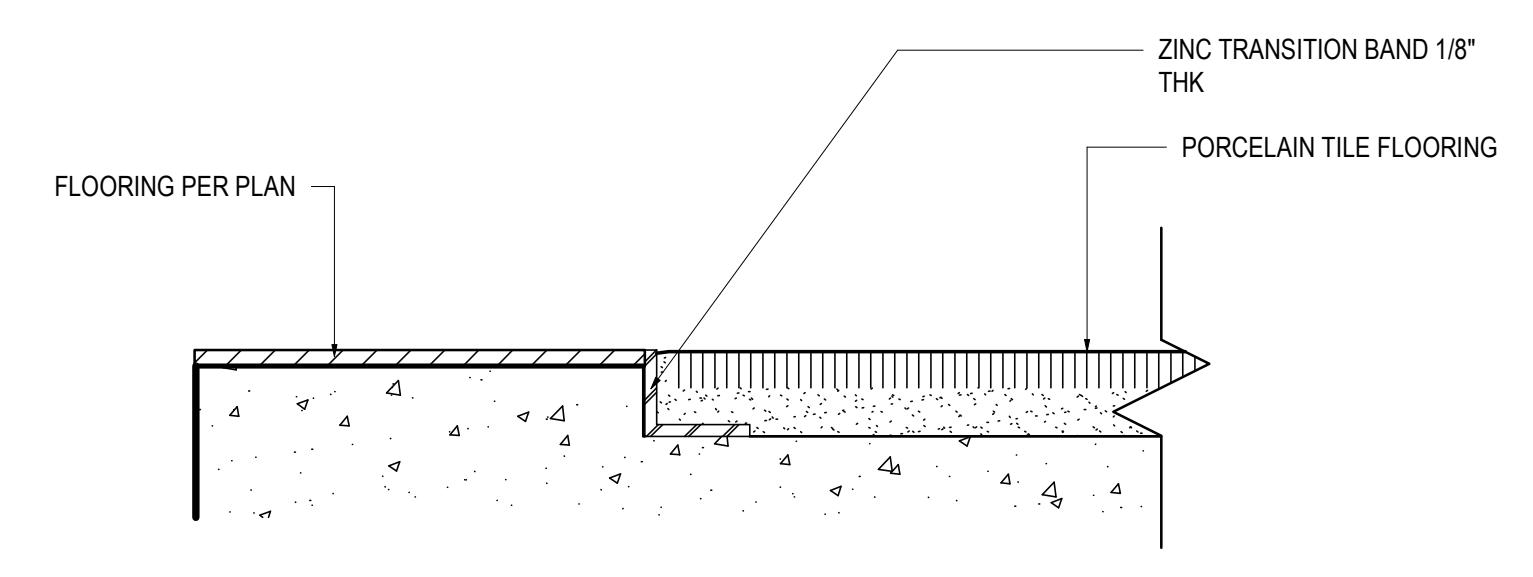
A07.100



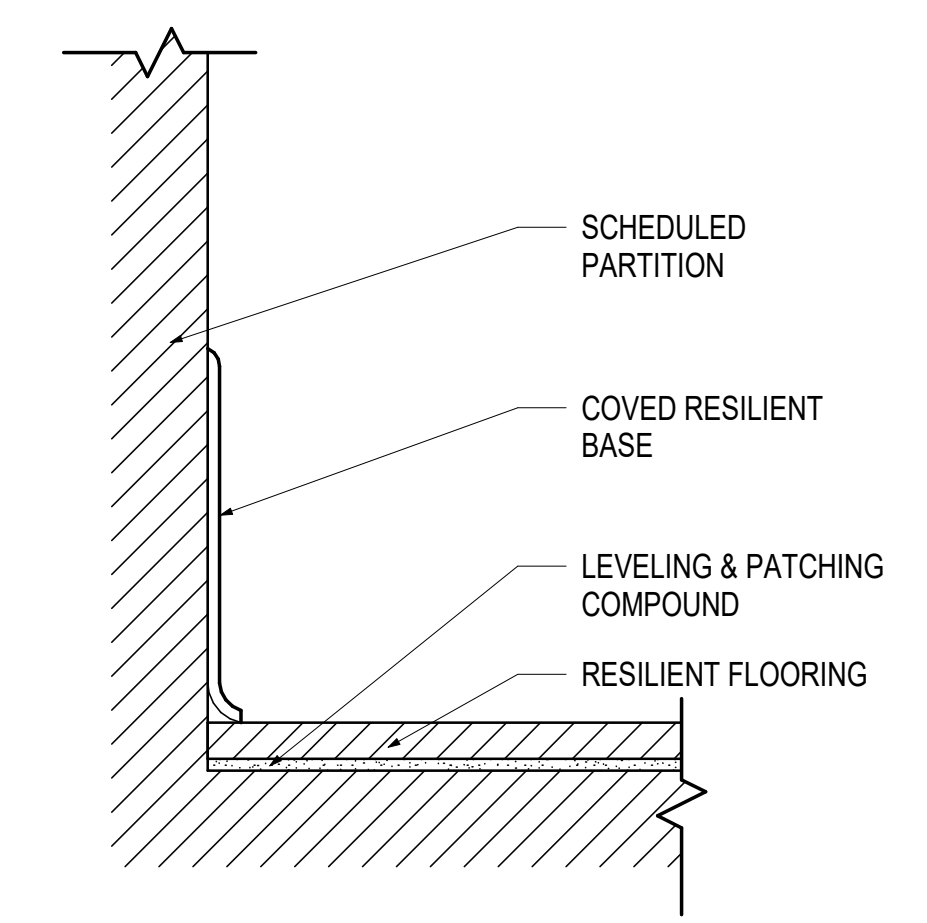
5 FL_WALL TILE AT TILE FLOOR
SCALE: 6" = 1'-0"



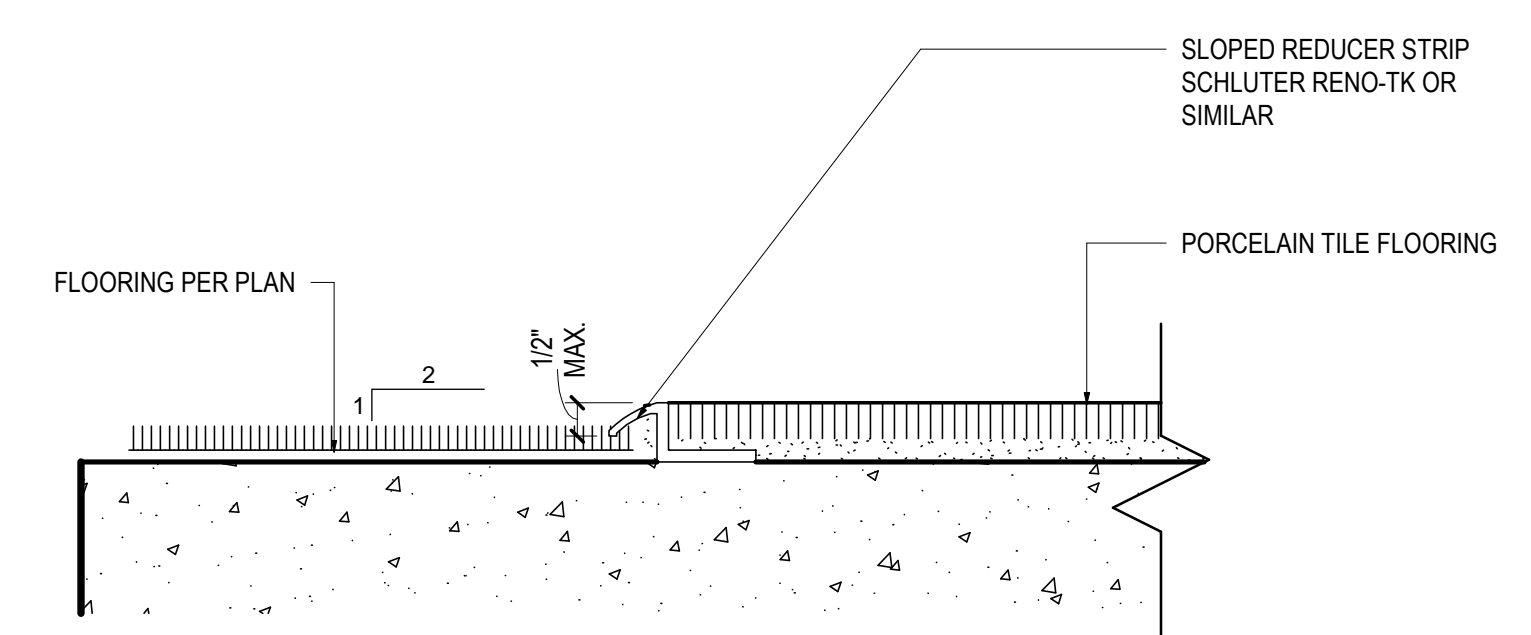
1 TYPICAL RESILIENT BASE TO CARPET
SCALE: 6" = 1'-0"



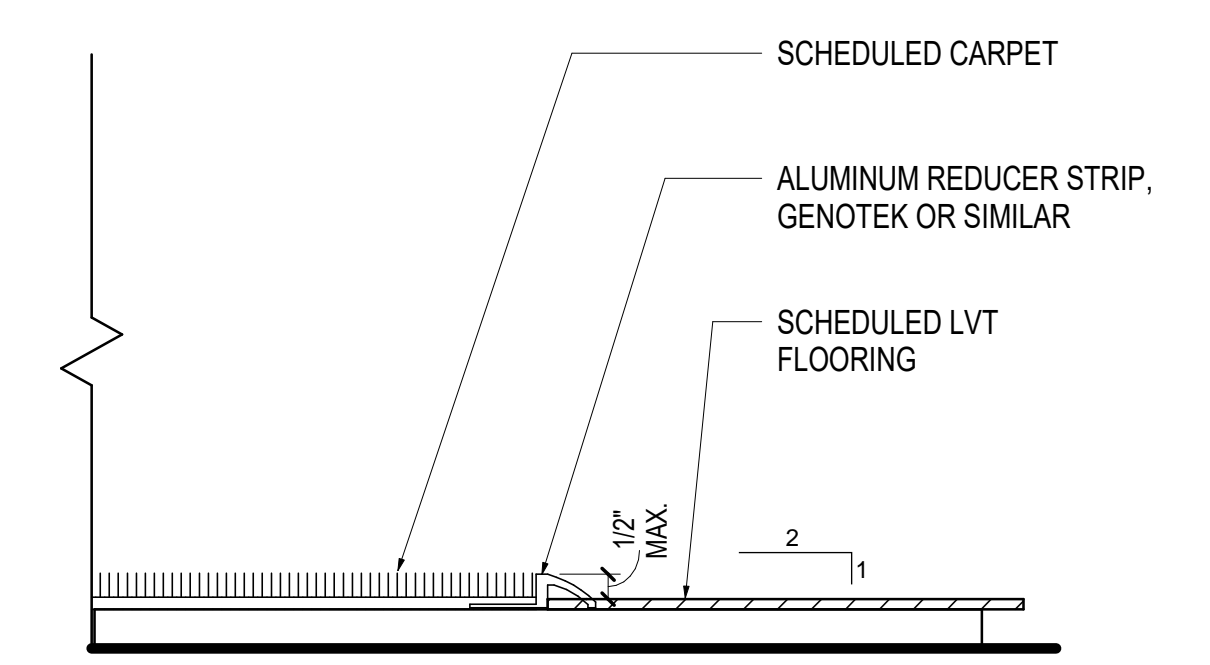
6 FLOORING TRANSITION - TILE TO LVT
SCALE: 6" = 1'-0"



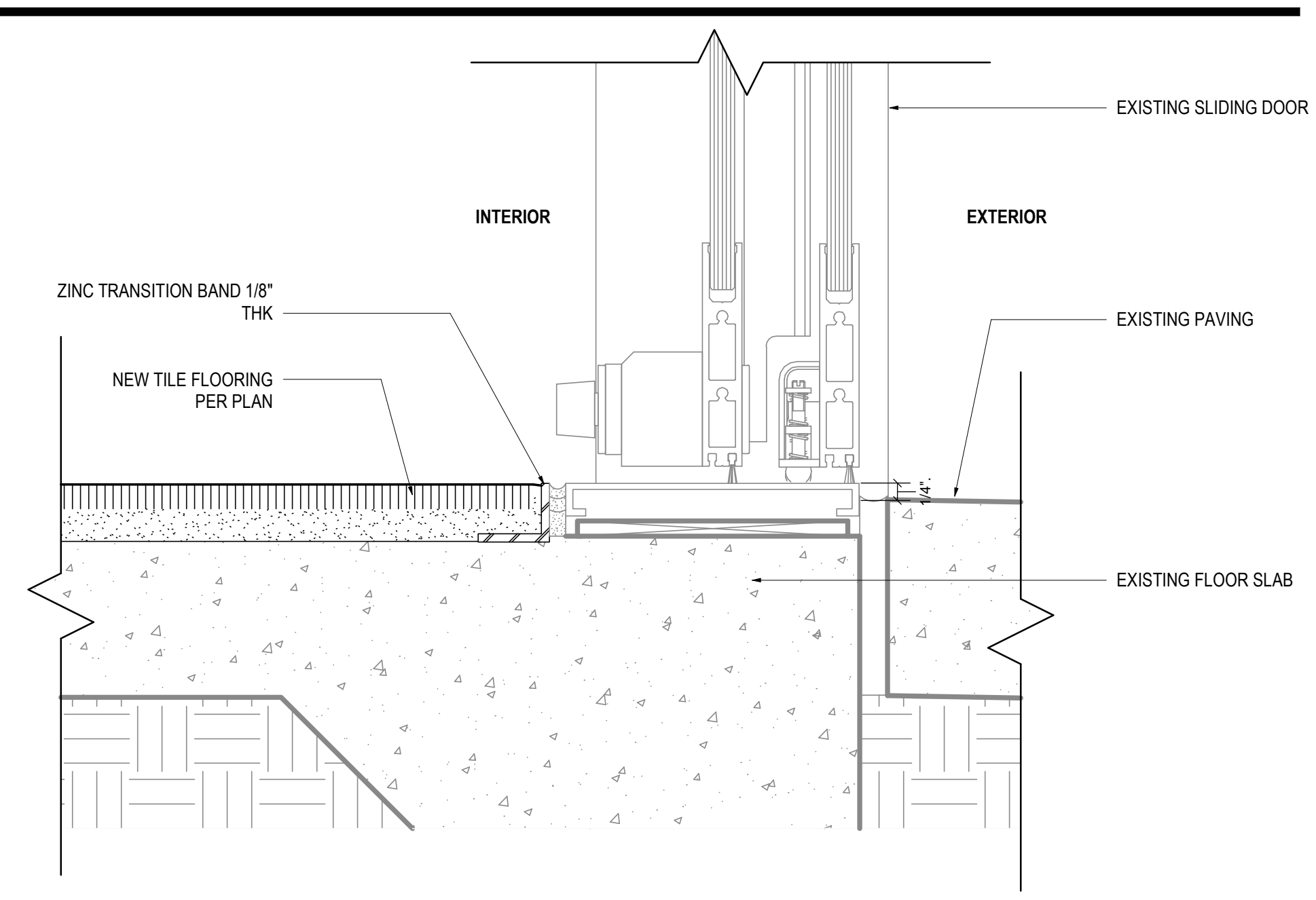
2 TYP. RESILIENT BASE TO RESILIENT FLR.
SCALE: 6" = 1'-0"



7 FLOORING TRANSITION - TILE TO CARPET
SCALE: 6" = 1'-0"



3 FL_CARPET TO LVT
SCALE: 6" = 1'-0"



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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-120034 INC.
REVIEWED FOR
SS FLS ACS
DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

225 Broadway Suite 100 San Diego, CA 92101 United States
Tel: 619.557.2500 Fax: 619.557.2520

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

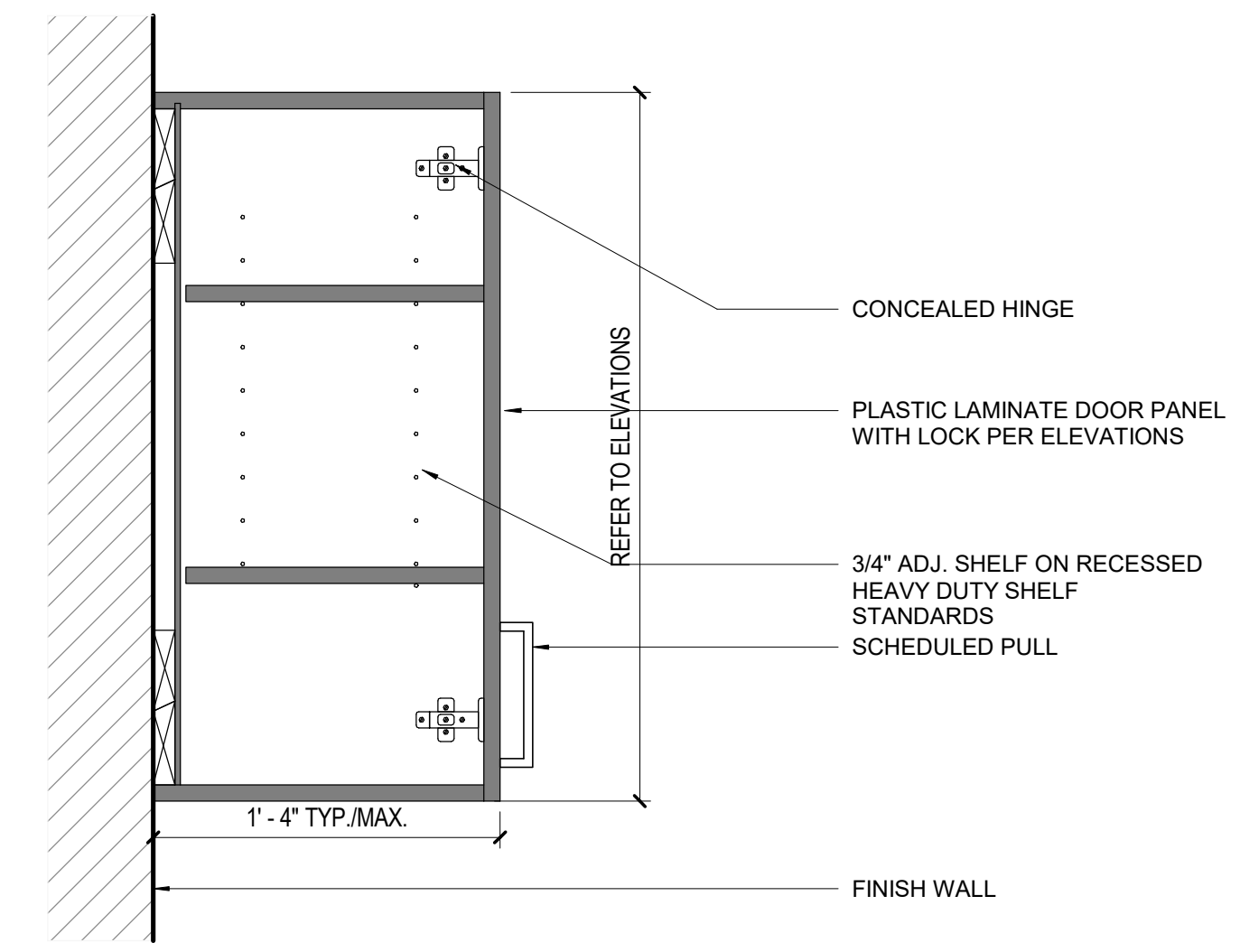
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

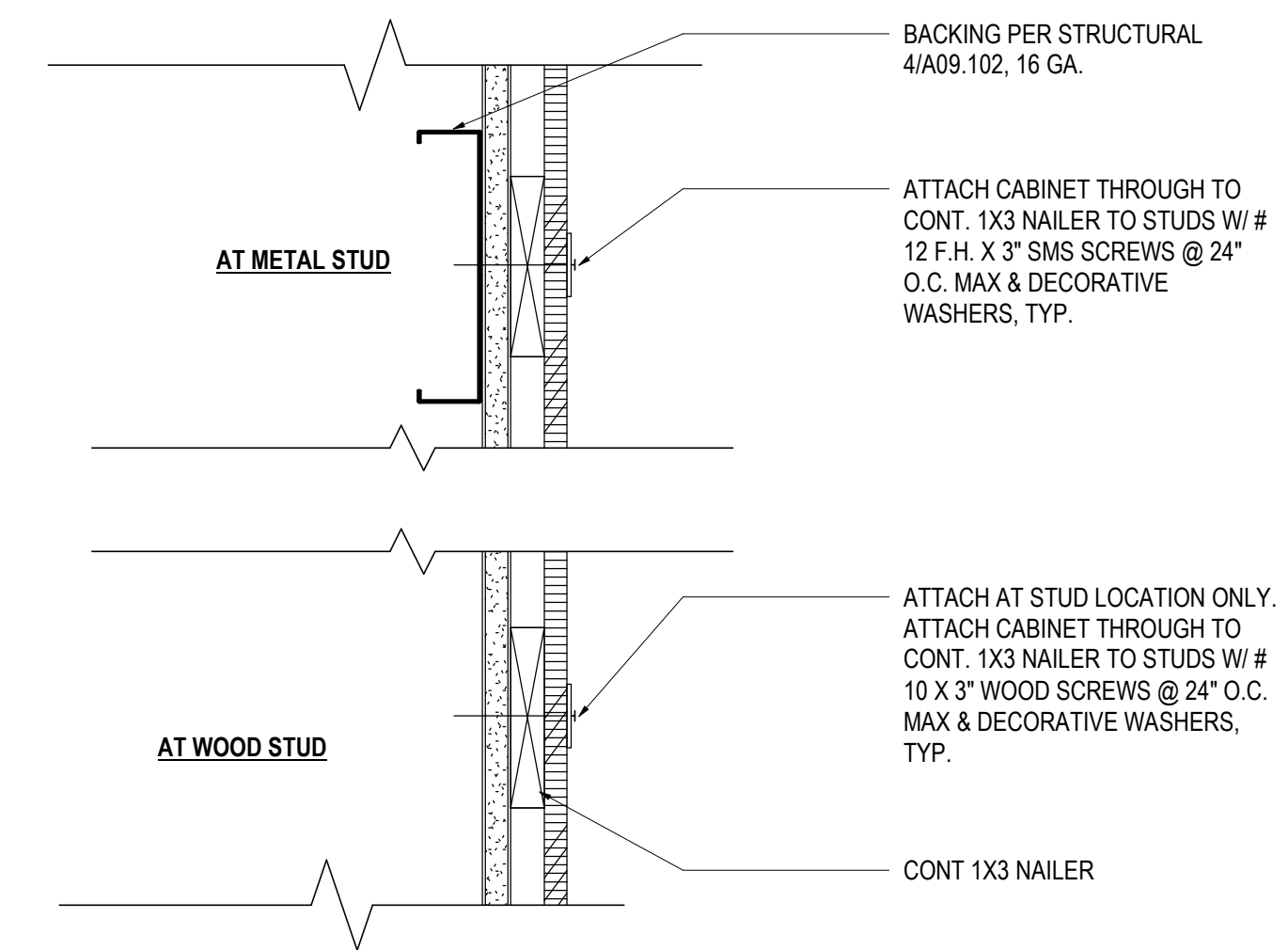
Description
LEVEL 01
DETAILS - TRANSITION

Scale
6" = 1'-0"

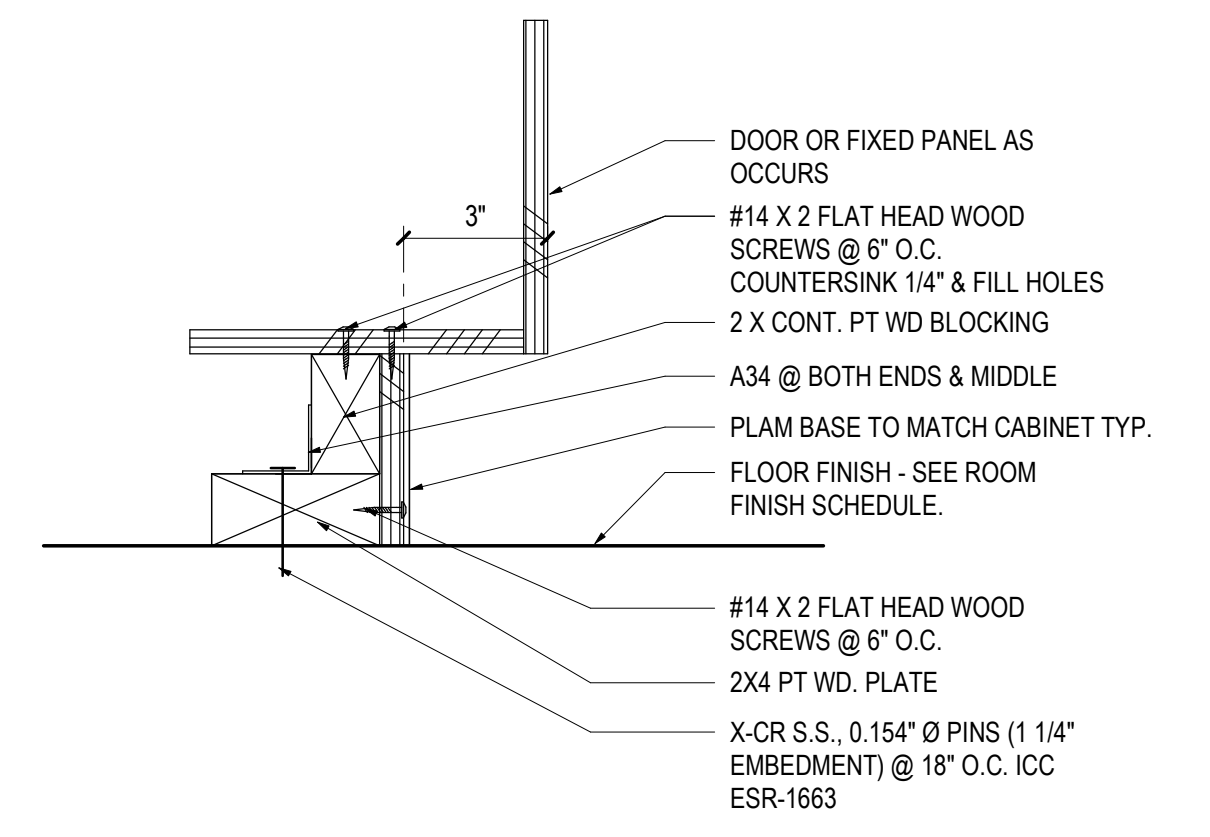
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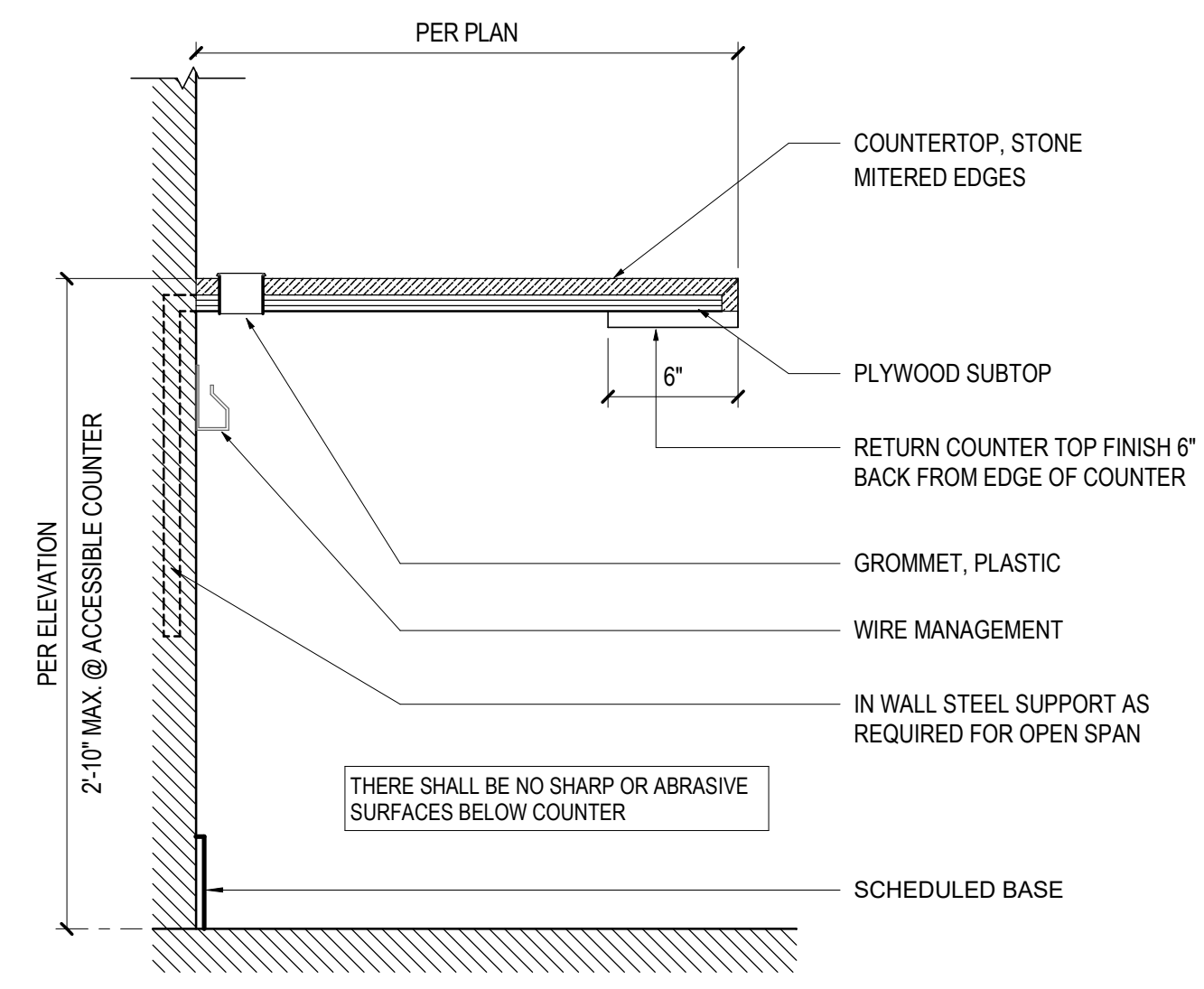
5 UPPER CABINET OPEN ABOVE
SCALE: 1 1/2" = 1'-0"



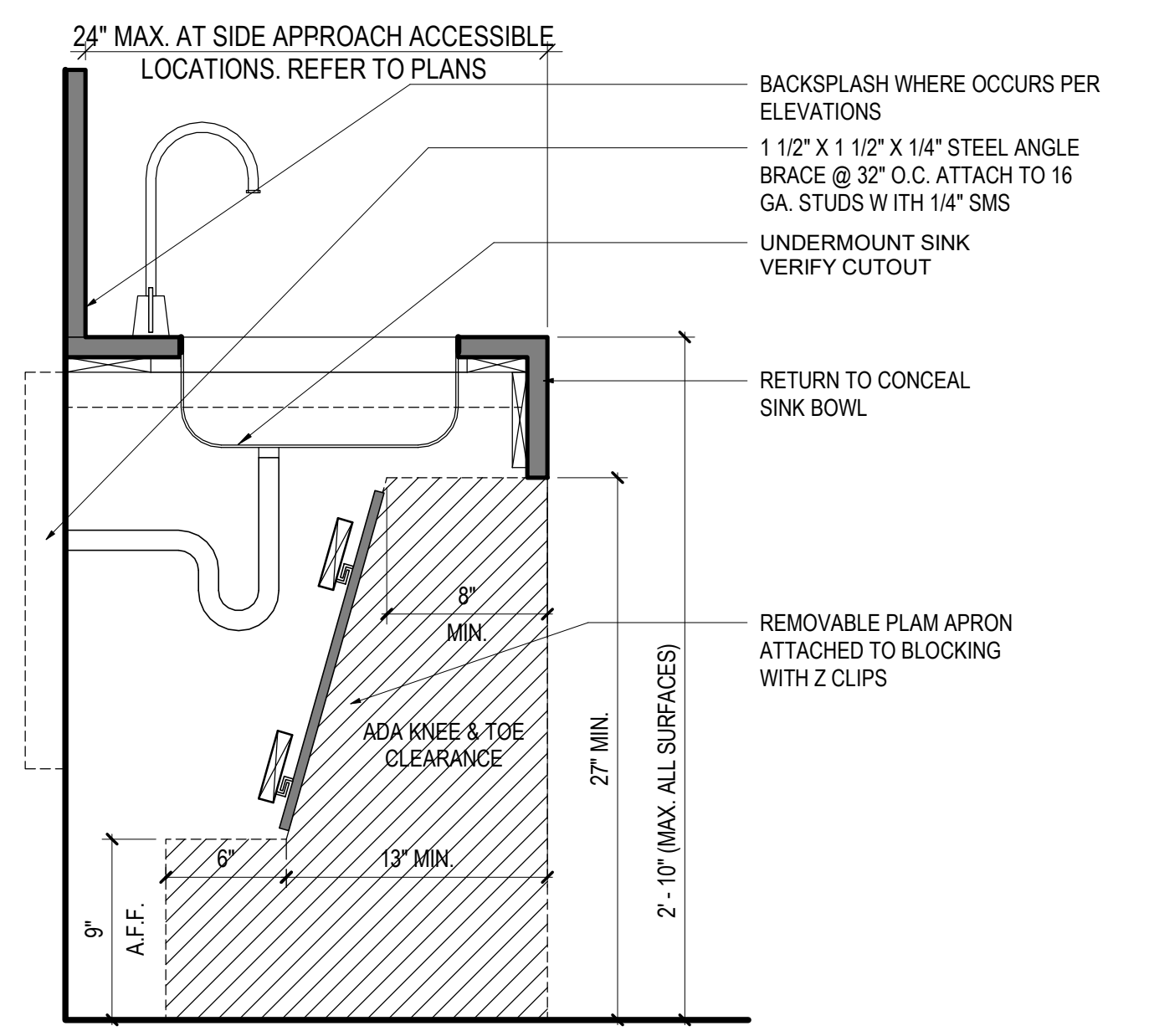
1 TYP. CABINET WALL ATTACHMENT
SCALE: 3" = 1'-0"



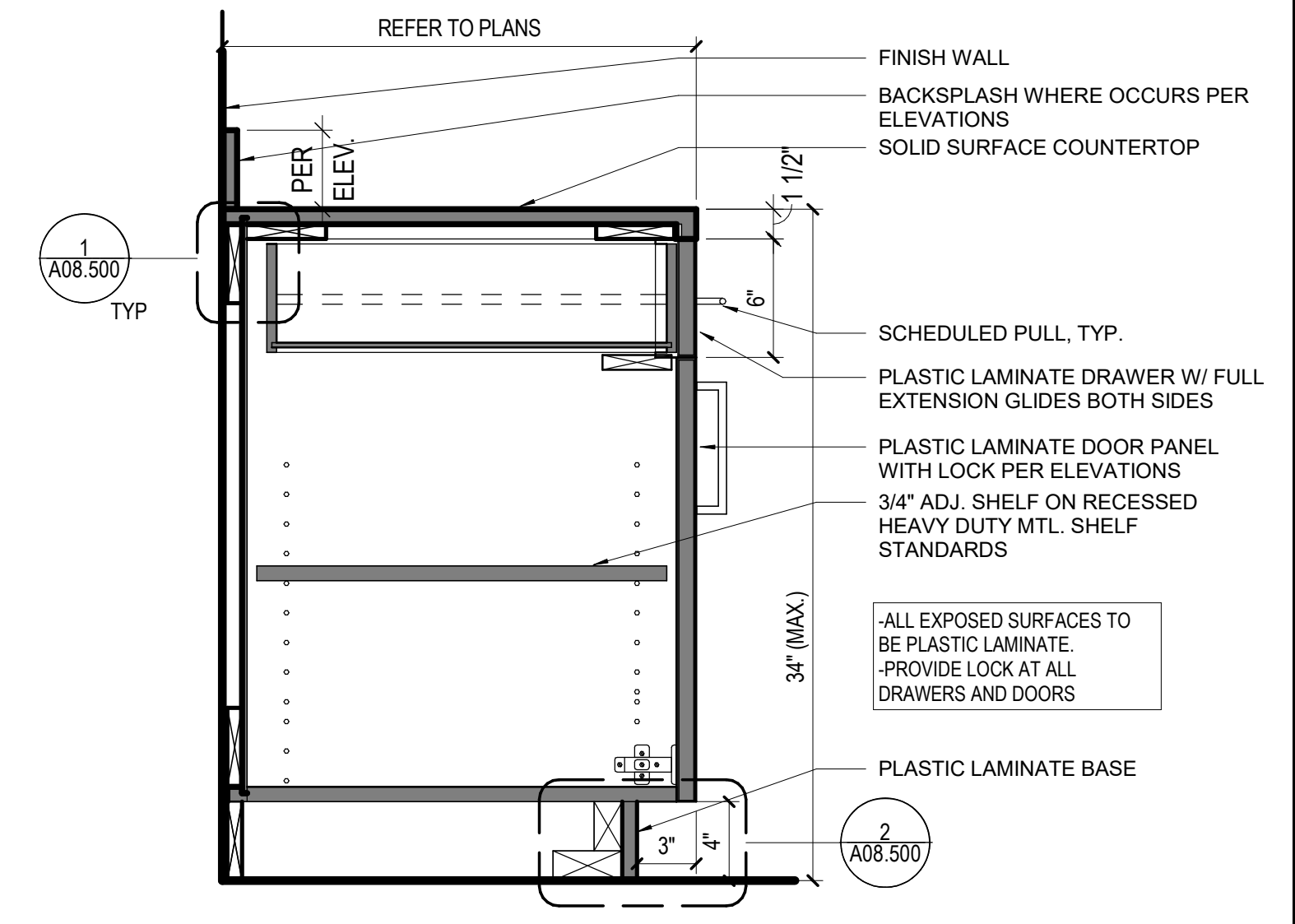
2 TYP. CABINET FLOOR ANCHORAGE 1
SCALE: 3" = 1'-0"



3 BASE OPEN BELOW -WORK COUNTER
SCALE: 1 1/2" = 1'-0"



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



4 BASE CABINET DRAWER & DOOR
SCALE: 1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-120034 INC.
REVIEWED FOR
SS FLS ACS
DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

225 Broadway Suite 100 San Diego, CA 92101 United States
Tel 619.557.2500 Fax 619.557.2520

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
DETAILS - MILLWORK

Scale
As indicated

A08.500

1. CEILING SYSTEM GENERAL NOTES:

- Ceiling system components shall comply with ASTM C635-07 and Section 5.1 of ASTM E580-10a.
- The ceiling grid system must be rated heavy duty as defined by ASTM C635-08.
- Ceiling systems. The following ceiling system(s) is/are part of the scope of this project: **For each system used, the RDP shall include in the construction documents, the information that follows:**
 - Manufacturer's Name: AMSTRONG PRELITE 5'x5' OR EQUAL
 - Product Evaluation Report Type and Number: ICC ESR-1308 OR EQUAL
 - Manufacturer's Model Number - main runner: 222222
 - Manufacturer's catalog number - cross runner: 333333
- Seismic Wall Clip:
 - Manufacturer's Model: AMSTRONG BRIDGE CLIPS OR EQUAL
- Ceiling panels shall not support any light fixtures, air terminals or devices.
- For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide 1/4" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide 1/4" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip.

2. MATERIALS:

- Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641-09a. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
- Galvanized steel steel (including that used for metal stud and track compression structural) shall conform to ASTM A653-11, or other equivalent steel steel listed in Section A2.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members 2007, including supplement 2 dated 2010 (AISI S100-07-02-10). Material 43 mil (18 gage) and heavier shall have minimum yield strength of 33 ksi. Material 54 mil (16 gage) and lighter shall have a minimum yield strength of 50 ksi.
- Electrical metallic tube (EMT) shall be ANEL C300, 3/4" 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength (Fy) of 30 ksi and minimum ultimate strength (Fu) of 48 ksi.

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Sheet Title:	Ceiling Notes	rev.	09-21-15
			1.00

3. ATTACHMENT OF HANGER AND BRACING WIRES:

- Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduits, etc.
- Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.
- Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
- Slack safety wires shall be considered hanger wires for installation and testing requirements.
- Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchor aligns closely with the direction of the wire. (e.g. bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire, screw eyes in wood must be installed so they align closely with the direction of the wire, etc.)

4. FASTENERS AND WELDING:

- Sheet metal screws shall comply with ASTM C1513-10, ASME B18.6.4-89 (R2005). Penetration of screws through joined material shall not be less than three exposed threads.
- Expansion anchors shall be: #4 LAG SCREW
- Power-Actuated Fasteners shall be: NA
- If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.
- Power-actuated fasteners in concrete are not permitted for bracing wires.
- Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post-installed anchor.
- Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

5. TESTING: All field testing must be performed in the presence of the project inspector.

- Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power actuated fasteners in concrete shall be field tested for 200 lbs. in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1913A.7.
- Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1913A.7.

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Sheet Title:	Ceiling Notes	rev.	09-21-15
			1.01

6. LIGHT FIXTURES:

- All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.
- Surface-mounted light fixtures shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting runner and be made of steel with a minimum thickness of #16 gage. Rotational spring catches do not comply. A #12 gage slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer or exceed 56 lb. Maximum spacing between supports shall not exceed eight (8) feet.
- Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- Light fixtures weighing greater than 10 lb. but less than or equal to 56 lb. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners to the structure above.
 - Exception: All light fixtures greater than two by four feet weighing less than 56 lbs. shall have a #12 gage slack safety wire at each corner.
- All light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) #12 gage hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four (4) #12 gage wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four (4) times the weight of the fixture.

7. SERVICES WITHIN THE CEILING:

- All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
- Ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached from the terminal or service to the structure above.
- Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
- Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) #12 gage hanger wires attached from the terminal or service to the structure above or other approved hangers.

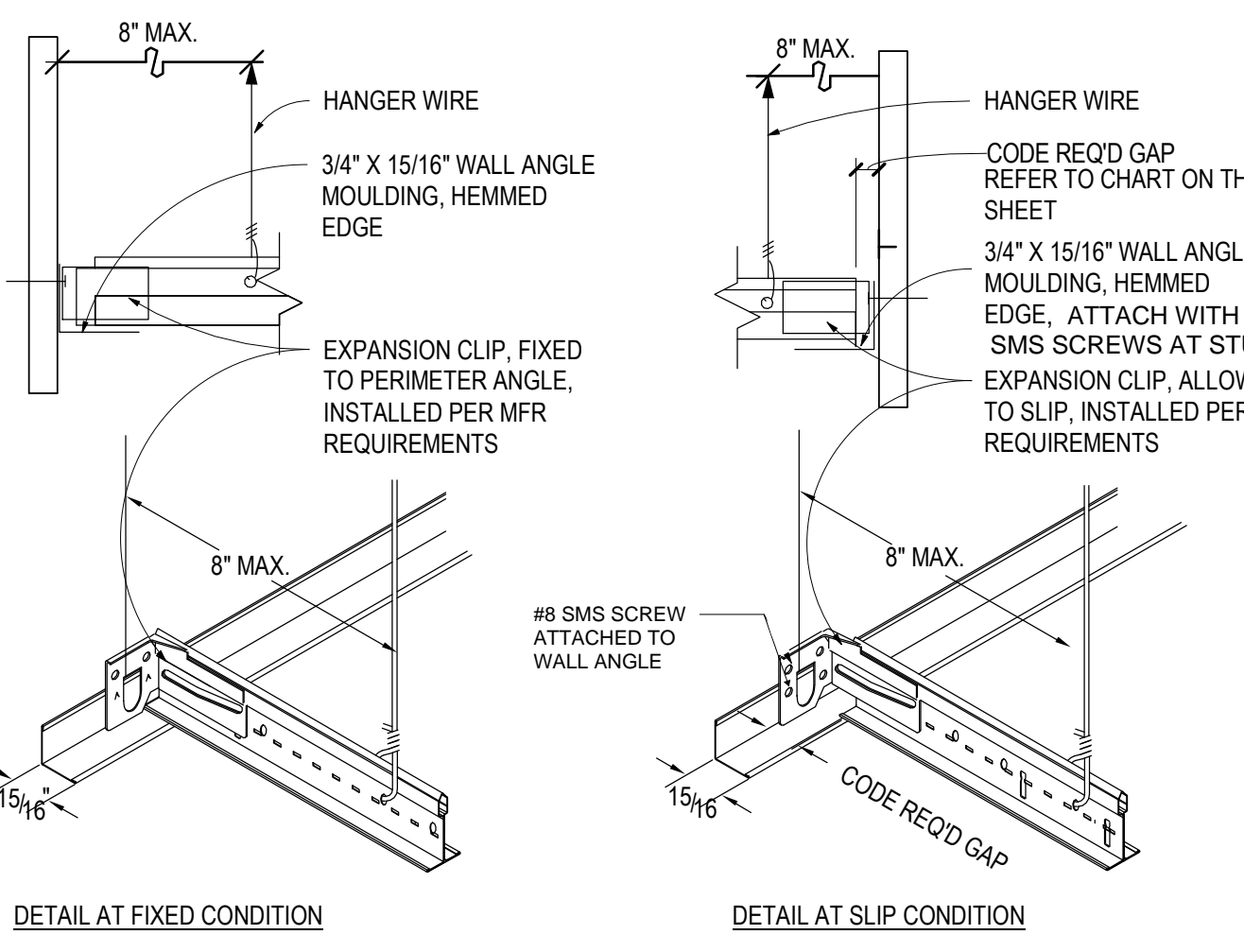
Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	Ceiling Notes	rev.	09-21-15
			1.02

8. OTHER DEVICES WITHIN THE CEILING:

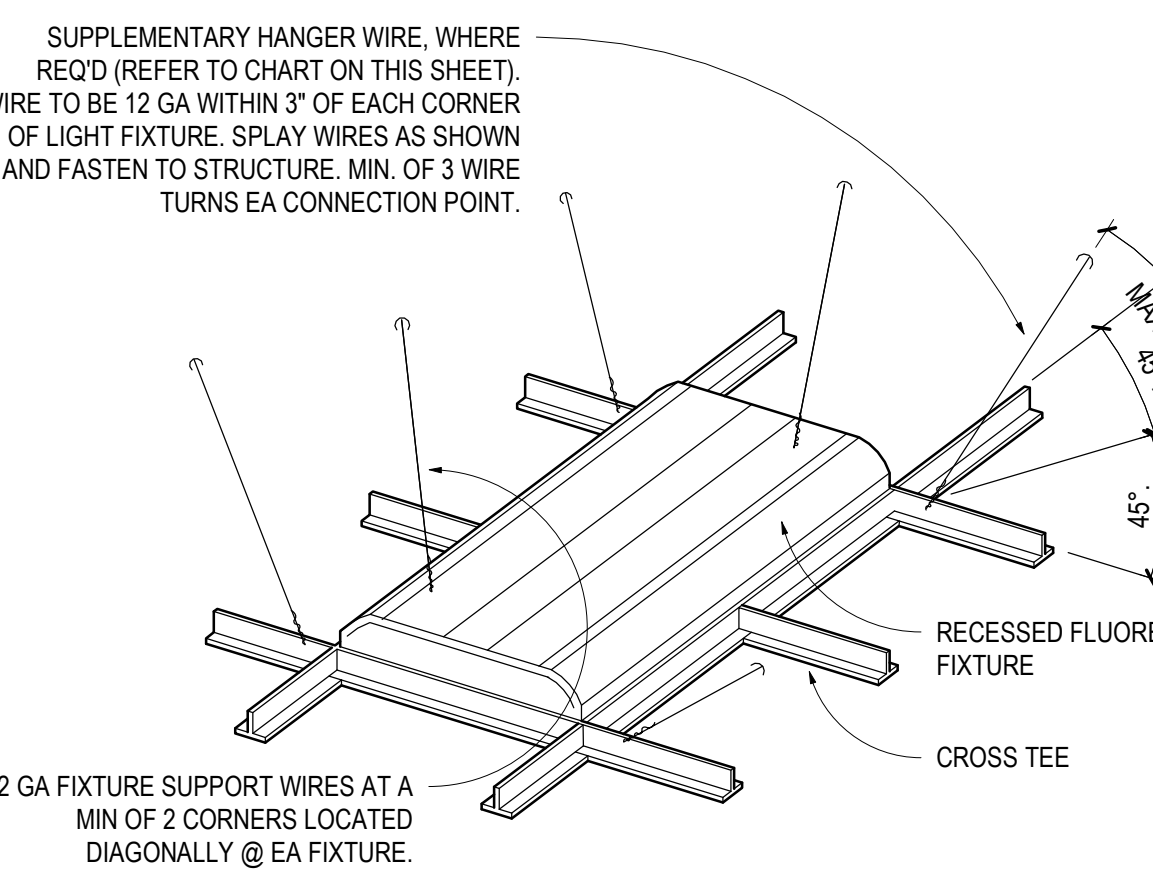
- All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above. Devices weighing more than 20 lb. shall be supported independently from the structure above.

Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	Ceiling Notes	rev.	09-21-15
			1.03

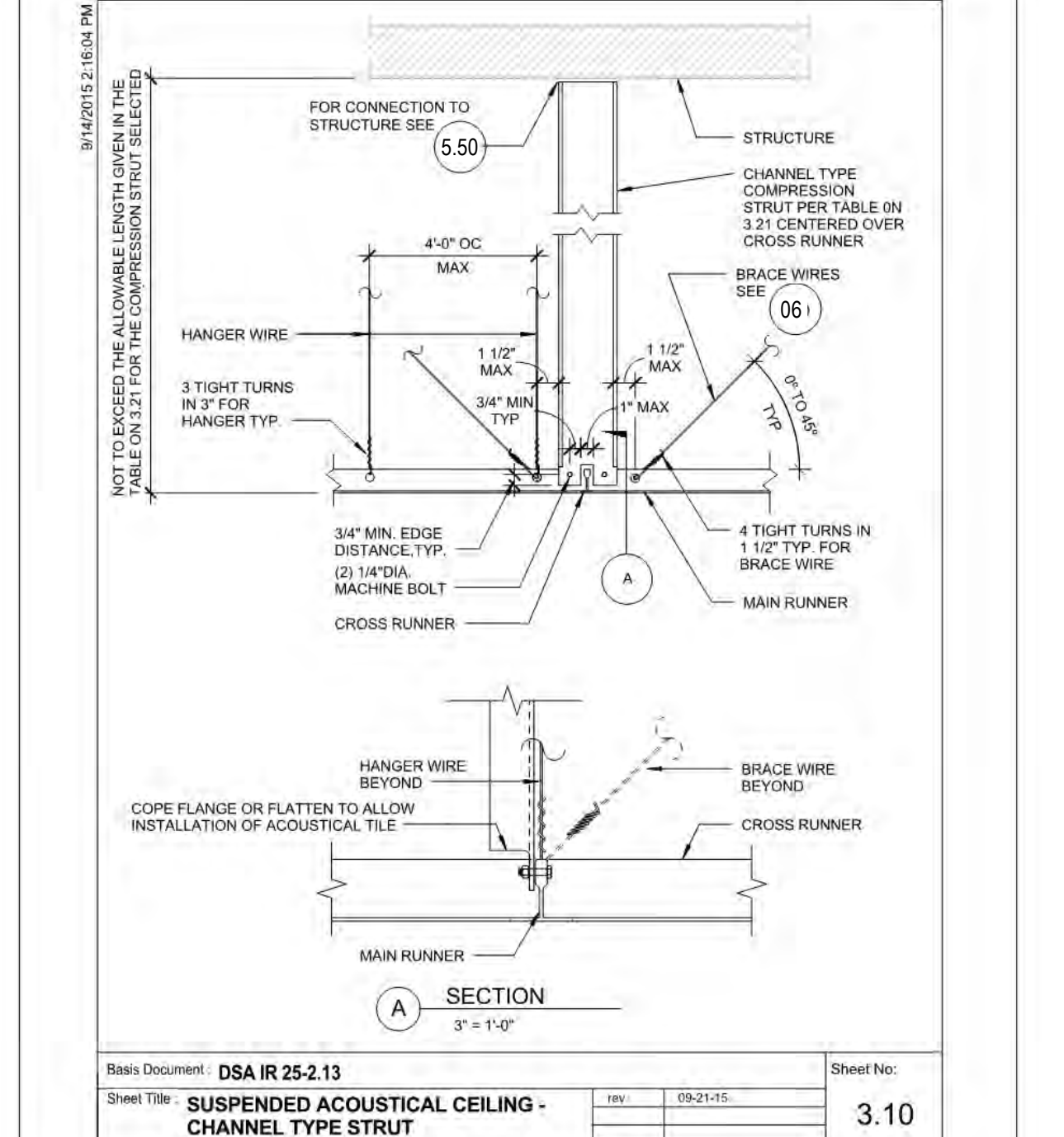
CEILING NOTES



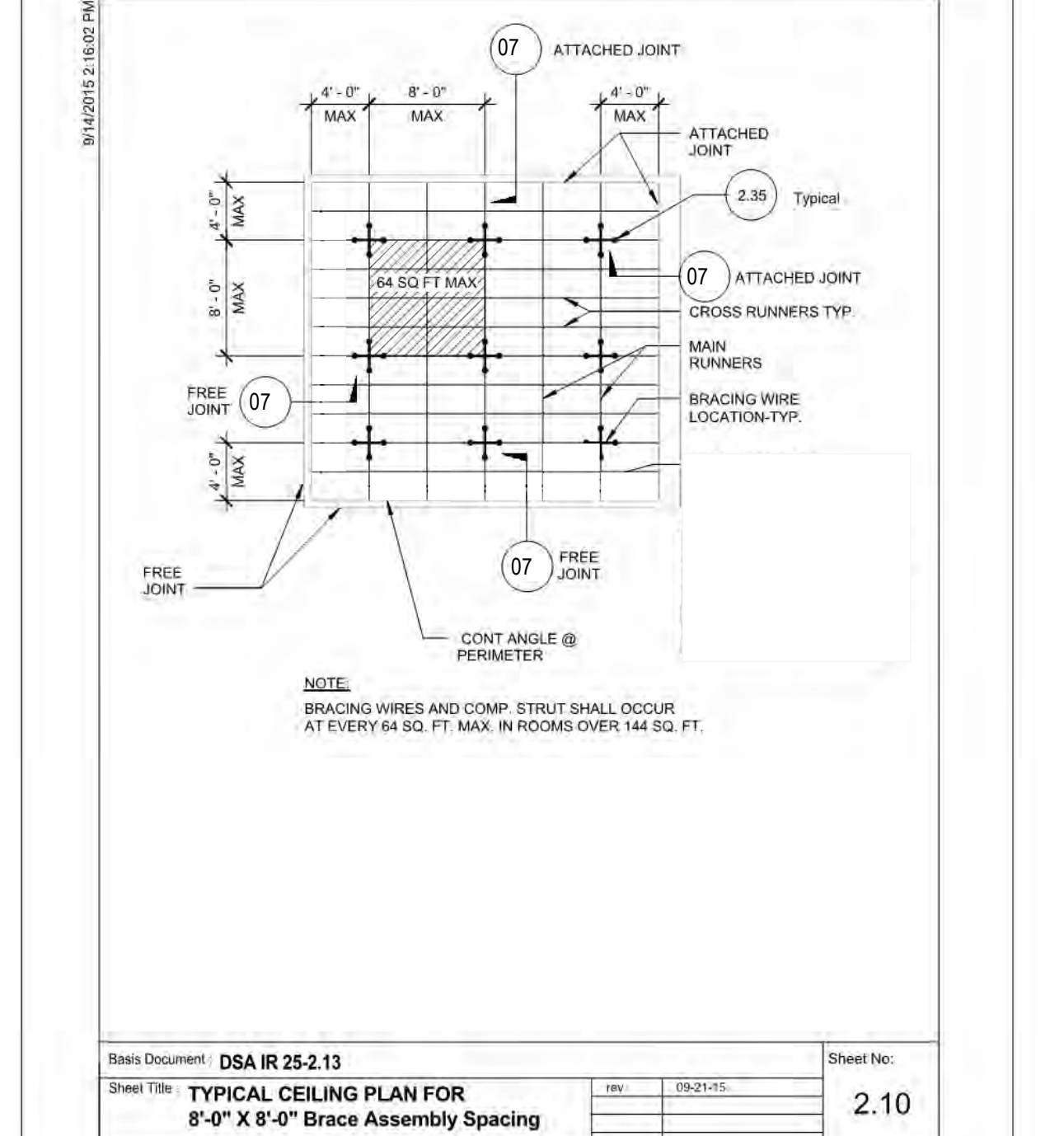
07 SUSP. ACT GRID AT WALL W/STD CONNECT. SCALE: 3" = 1'-0"



08 SUSPENDED ACT LIGHT FIXTURE SUPPORT SCALE: 3" = 1'-0"



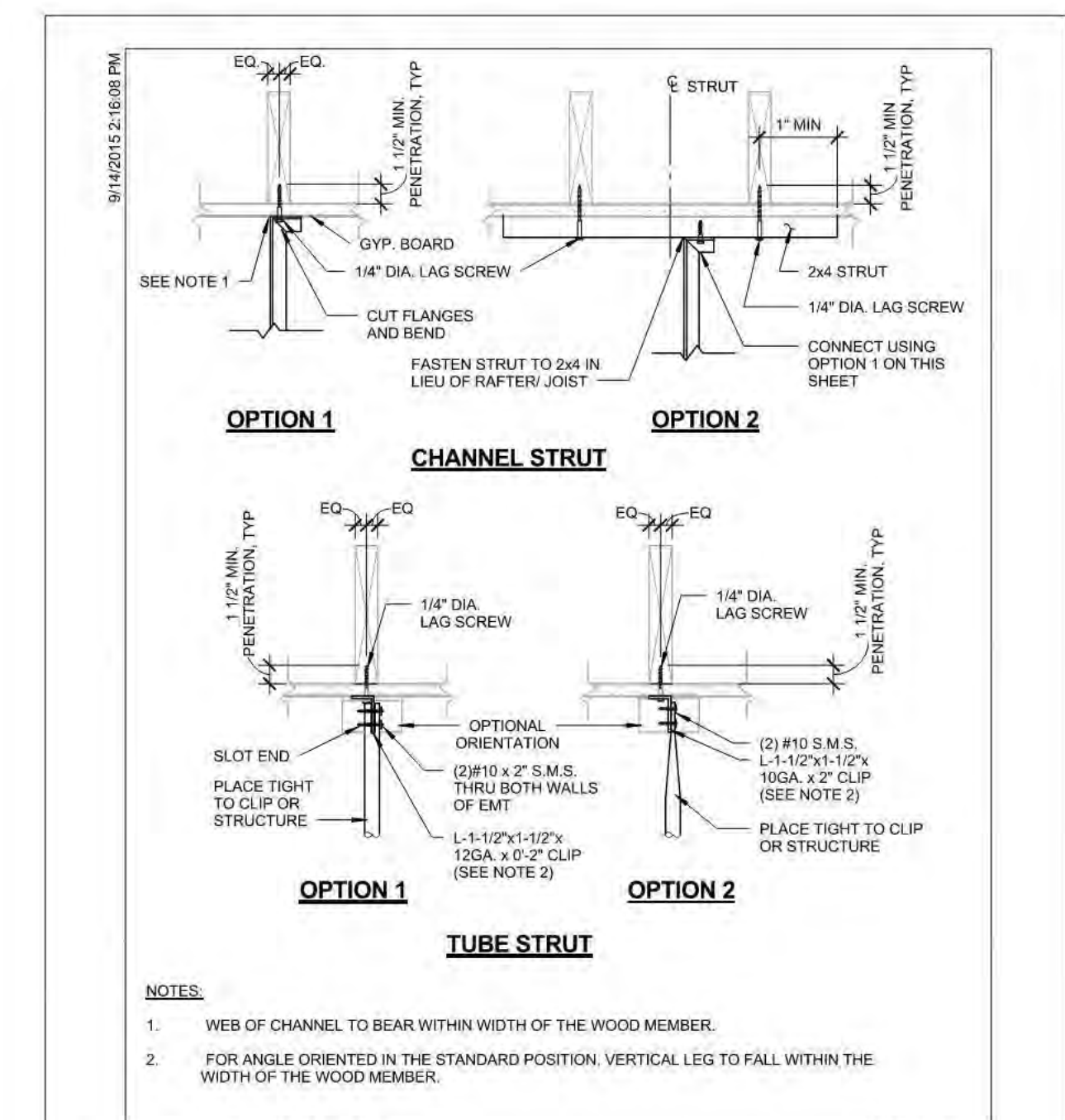
Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	SUSPENDED ACOUSTICAL CEILING - CHANNEL TYPE STRUT	rev.	09-21-15
			3.10



Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	TYPICAL CEILING PLAN FOR 8'-0\"/>		
			2.10

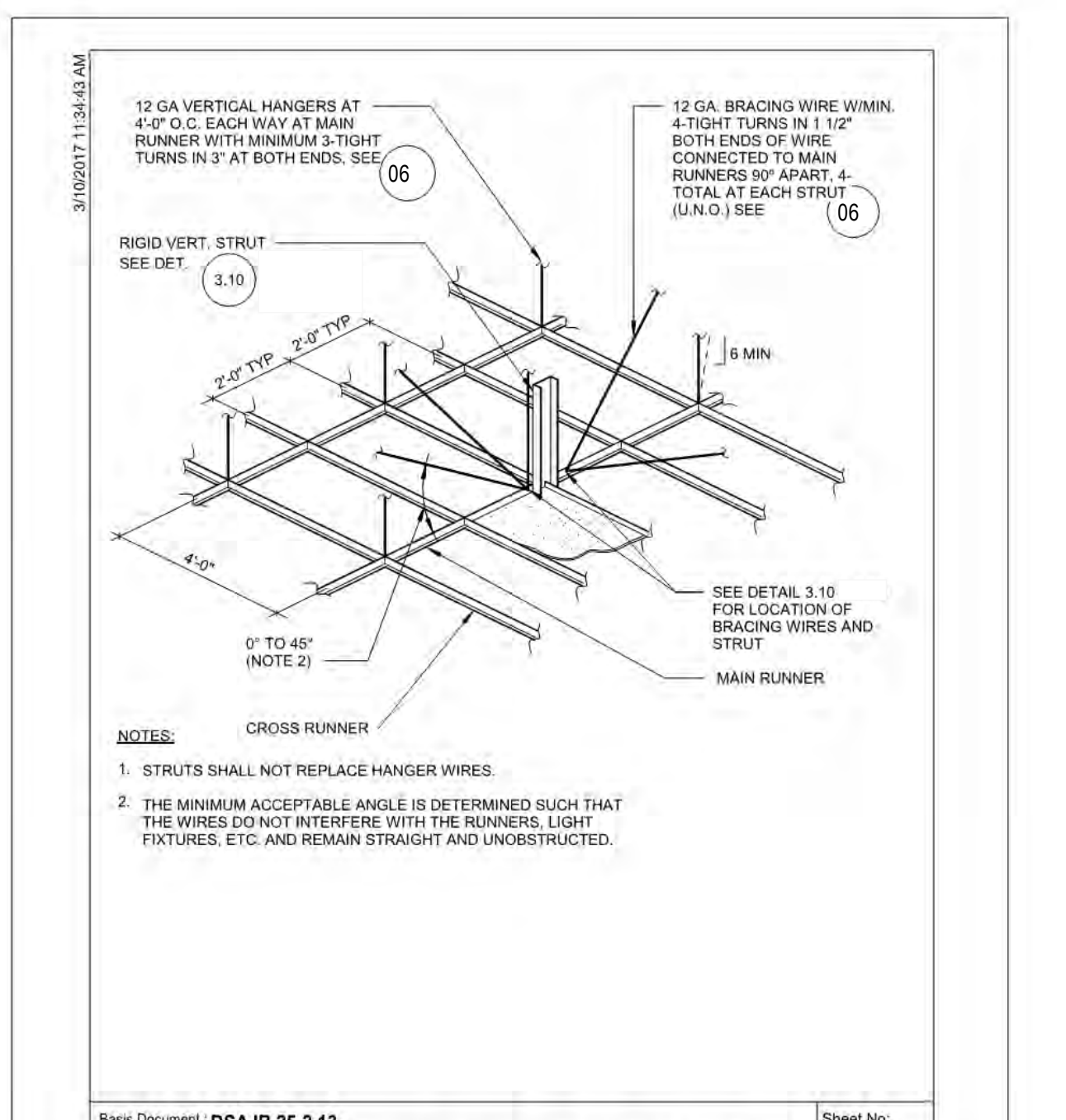
SUSPENDED CEILING - STRUT CONNECTION

BRACE ASSEMBLY SPACING



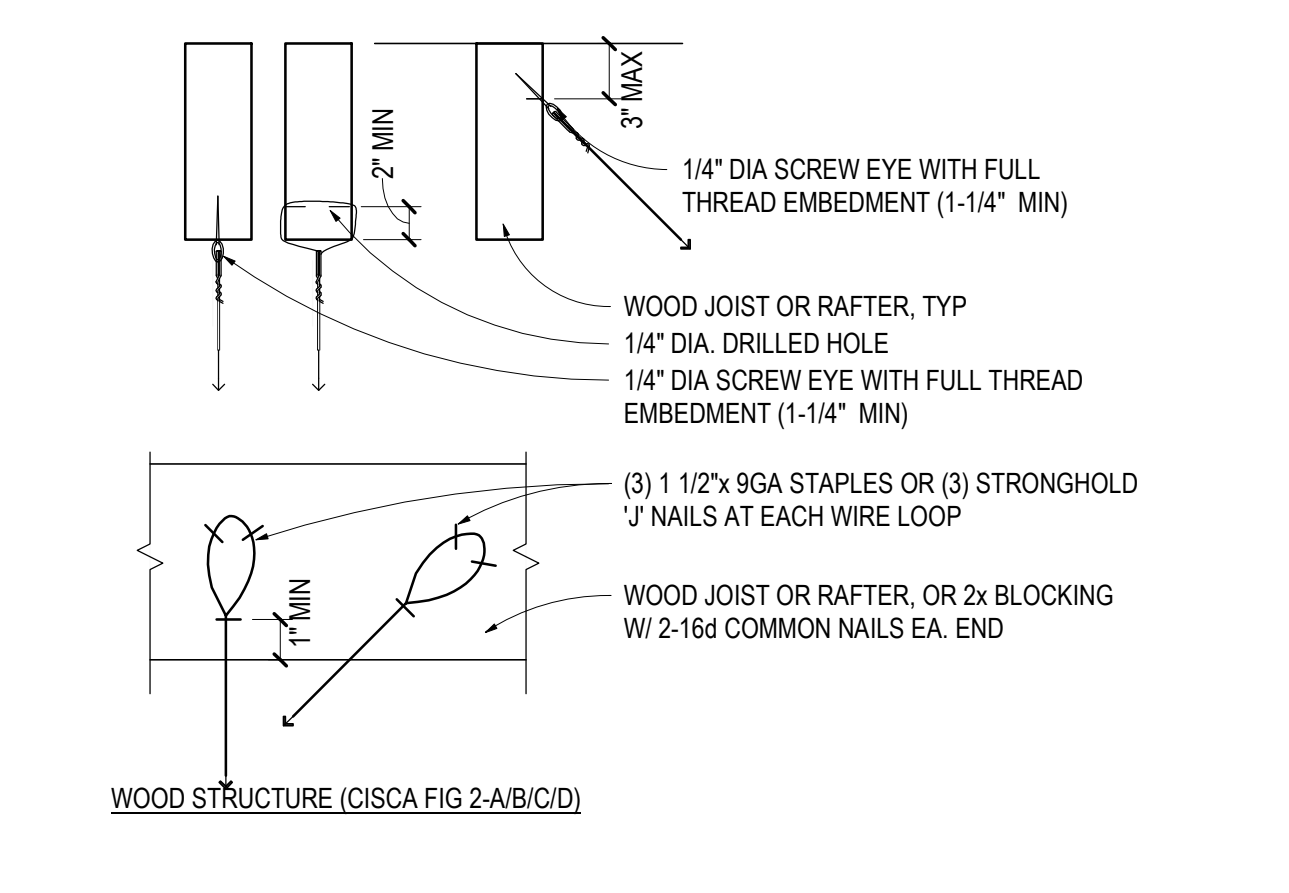
Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	STRUT CONNECTION TO SAWN TIMBER WITH GYPSUM BOARD	rev.	09-21-15
			5.50

STRUT CONNECTION



Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	SUSPENDED CEILING - SUSPENSION AND BRACING ASSEMBLY	rev.	09-21-15
			2.35

SUSPENDED CEILING BRACING ASSEMBLY



06 DT-CLG-ATTACHMENT (TYPICAL) SCALE: 1\"/>

EMT COMPRESSION STRUT	MAXIMUM LENGTH
1/2\"/>	
3/4\"/>	
1\"/>	
1 1/2\"/>	
2\"/>	

CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
2008125-33	5'-0\"/>
2008137-33	6'-10\"/>
3825137-33	6'-0\"/>
250137-43	6'-10\"/>
4005137-43	10'-10\"/>

COMPRESSION STRUT TABLE

Basic Document:	DSA IR 25-2.13	Sheet No.:	
Sheet Title:	COMPRESSION STRUT TABLE	rev.	09-21-15
			3.21

COMPRESSION STRUT TABLE

GENERAL NOTES

A. SPLICES ARE NOT PERMITTED IN ANY HANGER OR SPLAY WIRES. WIRES TO BE TAUT WITHOUT CAUSING THE CEILING TO LIFT.

B. FASTEN HANGER WIRES NOT LESS THAN 3 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITH A DISTANCE OF 1 1/2\"/>

C. 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 TRAPEZOID OR EQUIVALENT DEVICE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION. TRAPEZOID SUSPENSIONS SHALL BE A MINIMUM OF BACK-TO-BACK 1-1/4 INCH COLD ROLLED CHANNELS FOR SPANS EXCEEDING 48 INCHES

D. 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

E. 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

F. 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

G. LOCATE REGISTERS AND LIGHTING FIXTURES WITHIN GRID LINES. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHT FIXTURES, AND SIMILAR CEILING ELEMENTS IN ACOUSTICAL UNITS, UNLESS OTHERWISE NOTED

H. FINISH HVAC DIFFUSERS, DRAPERY POCKETS, AND SPEAKER GRILLES TO MATCH ADJACENT FINISH, UNLESS OTHERWISE NOTED

I. 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 WITHIN 8\"/>

J. 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

K. ALL SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL COMPLY WITH ICC ESR-1308 (OR EQUAL) UNLESS OTHERWISE NOTED AND APPROVED BY ARCHITECT AND OWNER.

M. POWDER ACTUATED/DRIVEN FASTENERS SHALL BE HILTI X-U SHOT PINS PER ICC ESR-2269 (OR EQUAL)

N. EXPANSION ANCHORS SHALL BE HILTI KB-TZ ANCHORS PER ICC ESR-1917 (OR EQUAL)

P. SHEET METAL SCREWS (SMS) SHALL BE HILTI KWICK-PRO SELF DRILLING SCREWS PER ICC ESR-2196 (OR EQUAL)

Q. 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 GAGE SPLAYED IN FOUR DIRECTIONS 90 DEGREES APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2\"/>
- PROVIDE VERTICAL SUPPORT AS REQUIRED IN BUILDING CODES. IN ADDITION, VERTICALLY SUPPORT ENDS OF RUNNERS WITHIN 8\"/>
- SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.

MINIMUM CODE REQUIREMENTS

BASIC CONNECTIONS, PERIMETER AND LATERAL SPLAY BRACING	CATEGORY
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 3-4
C. CEILING SYSTEMS (INCL FIXTURES, ETC) >2.5 PSF	C. CISCA 3-4
MINIMUM INTERSECTION STRENGTH LIMITS @ MTACT (1)	180 LBS
VERTICAL HANGER WIRE 12 GA @ 48 IN. O.C.	REQUIRED
CONNECTION DEVICE FROM VERTICAL WIRE TO THE STRUCTURE ABOVE MUST SUSTAIN MIN. 100 LBS.	REQUIRED
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 SEISMIC 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. OF INTERSECTION AND SPLAYED 90 DEGREES APART AT 45 DEGREE ANGLES	REQUIRED (4)
COMPRESSION POSTS (STRUTS) 12 IN. O. C. IN BOTH DIRECTIONS, STARTING 6 FT FROM WALLS	REQUIRED
SPLAY BRACING CONNECTION STRENGTH 200 LBS OR THE DESIGN LOAD, WHICHEVER IS GREATER	REQUIRED
PARTITION ATTACHMENT	BRACING INDEPENDENT OF CEILING SPLAY BRACING
SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION (2)	REQUIRED FOR AREAS >2,500 SF
RIGID BRACING FOR CEILING PLANE ELEVATION CHANGES	REQUIRED
EXPANSION JOINT AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS, LOBBIES OR SIMILAR AREAS	REQUIRED (3)
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 SUSPENSION RUNNERS	NOT REQUIRED
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 POSITIVE CLAMPING DEVICES MADE OF MIN. 1/4 GA MATERIAL EACH WITH A 12 GA SUSPENSION WIRE TO STRUCTURE ABOVE	REQUIRED (3)
PENDANT HUNG FIXTURES DIRECTLY SUPPORTED FROM STRUCTURE ABOVE WITH 9 GA WIRE (OR APPROVED ALTERNATIVE)	REQUIRED
ALL RECESSED OR DROP-IN LIGHT FIXTURES	REQUIRED
A. <= 10 LBS - ONE WIRE TO STRUCTURE (MAY BE SLACK)	ALL DIRECTLY SUPPORTED FROM STRUCTURE WITH TWO 12 GA WIRES LOCATED AT DIAGONALLY OPPOSITE CORNERS (3)
B. 11 LBS TO 56 LBS - TWO WIRES FROM HOUSING TO STRUCTURE (MAY BE SLACK)	
C. >= 57 LBS - SUPPORTED DIRECTLY TO STRUCTURE BY APPROVED	
LIGHT FIXTURE SUPPLEMENTARY HANGER WIRES	REQUIRED
INTERMEDIATE DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS/LF MIN 12 GA HANGER WIRES MUST BE ATTACHED TO THE GRID MEMBERS WITHIN 3 IN. OF EACH CORNER OF EACH LIGHT FIXTURE	REQUIRED
HEAVY DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS/LF MIN 12 GA HANGER WIRES MUST BE ATTACHED TO THE SUPPORTING CROSS TEE WITHIN 3 IN. OF THE CORNER OF EACH LIGHT FIXTURE	REQUIRED
SUPPLEMENTARY HANGER WIRES FOR HEAVY DUTY MAIN TEES WITH CROSS TEE RATING EQUAL TO 16 LBS/LF	NOT REQUIRED
SERVICE APPLICATIONS	--
AIR TERMINALS	--
A. <= 20 LBS - POSITIVELY ATTACHED TO GRID	A. REQUIRED
B. 21 TO 56 LBS - POSITIVELY ATTACHED TO GRID AND TWO WIRES TO STRUCTURE (MAY BE SLACK)	B. REQUIRED
C. >= 57 LBS - DIRECTLY SUPPORTED TO STRUCTURE	C. REQUIRED
SPRINKLER HEADS AND OTHER PENETRATION CLEARANCE	MIN 2 IN. DIA OPENING OR A SWING JOINT
CABLE TRAYS AND ELECTRICAL CONDUIT INDEPENDENTLY SUPPORTED AND BRACED	REQUIRED

(1) REQUIRED FOR CEILINGS LARGER THAN 1,000 SF
 (2) WHERE SUBSTANTIAL 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, P.1, SEC 2)
 (5) CBC SEC 1615.1 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

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 04-120034 INC.
 REVIEWED FOR
 SS FLS ACSE
 DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

225 Broadway
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Tel 619.557.2500
Fax 619.557.2520

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	BACKCHECK	AK SS



Seal/Signature

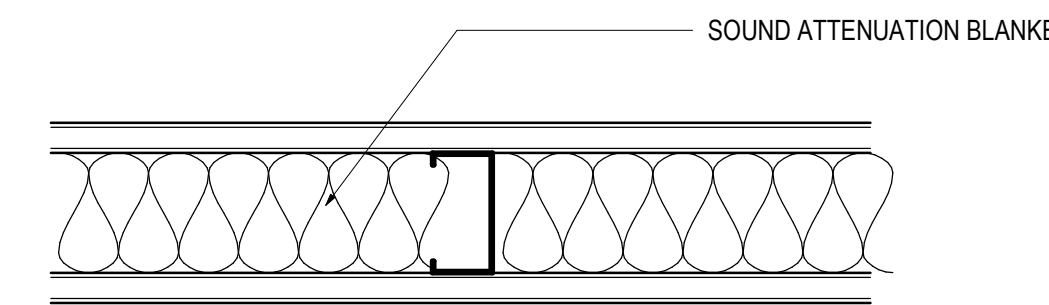
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
DETAILS - CEILING

Scale
As indicated

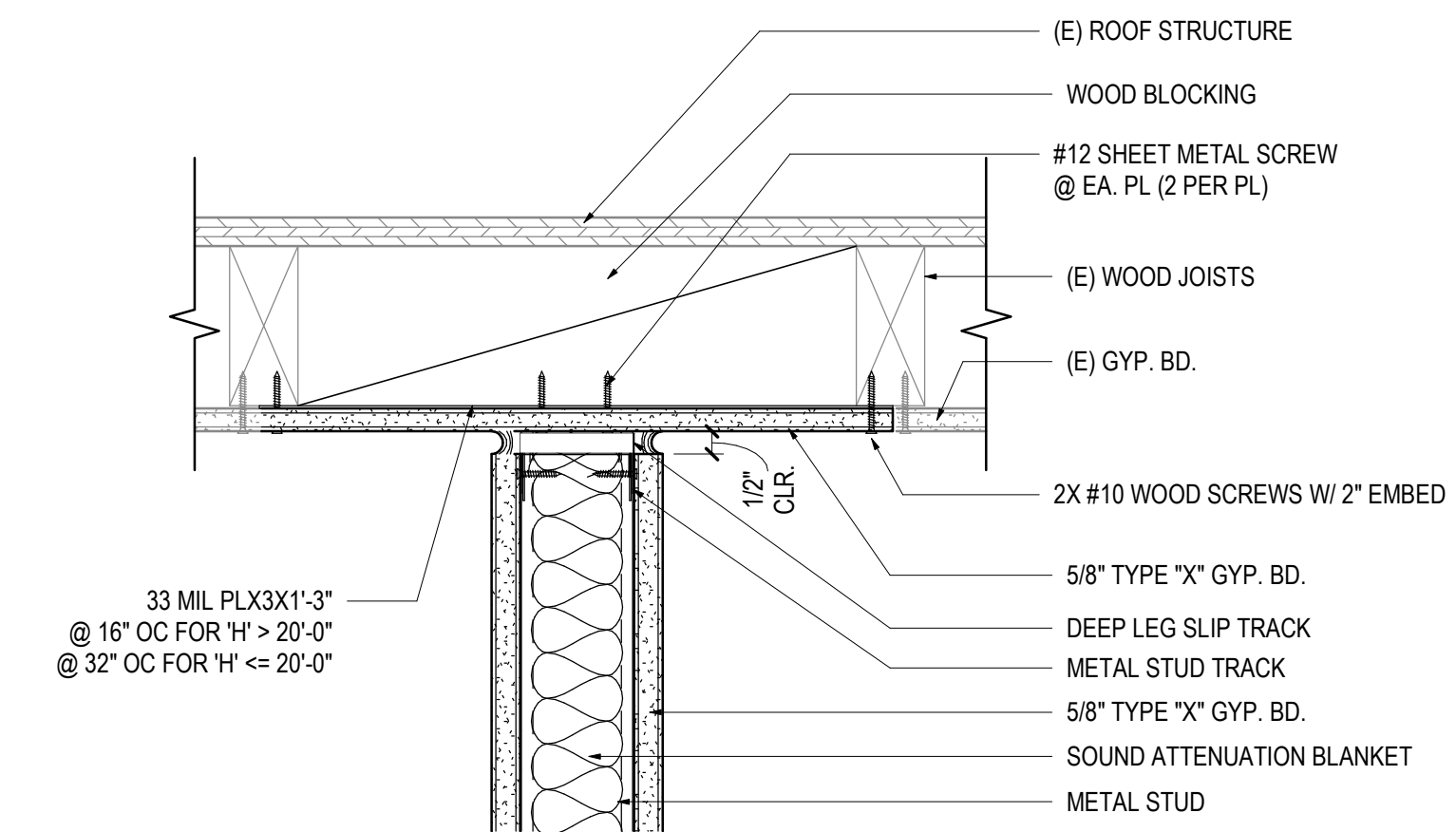
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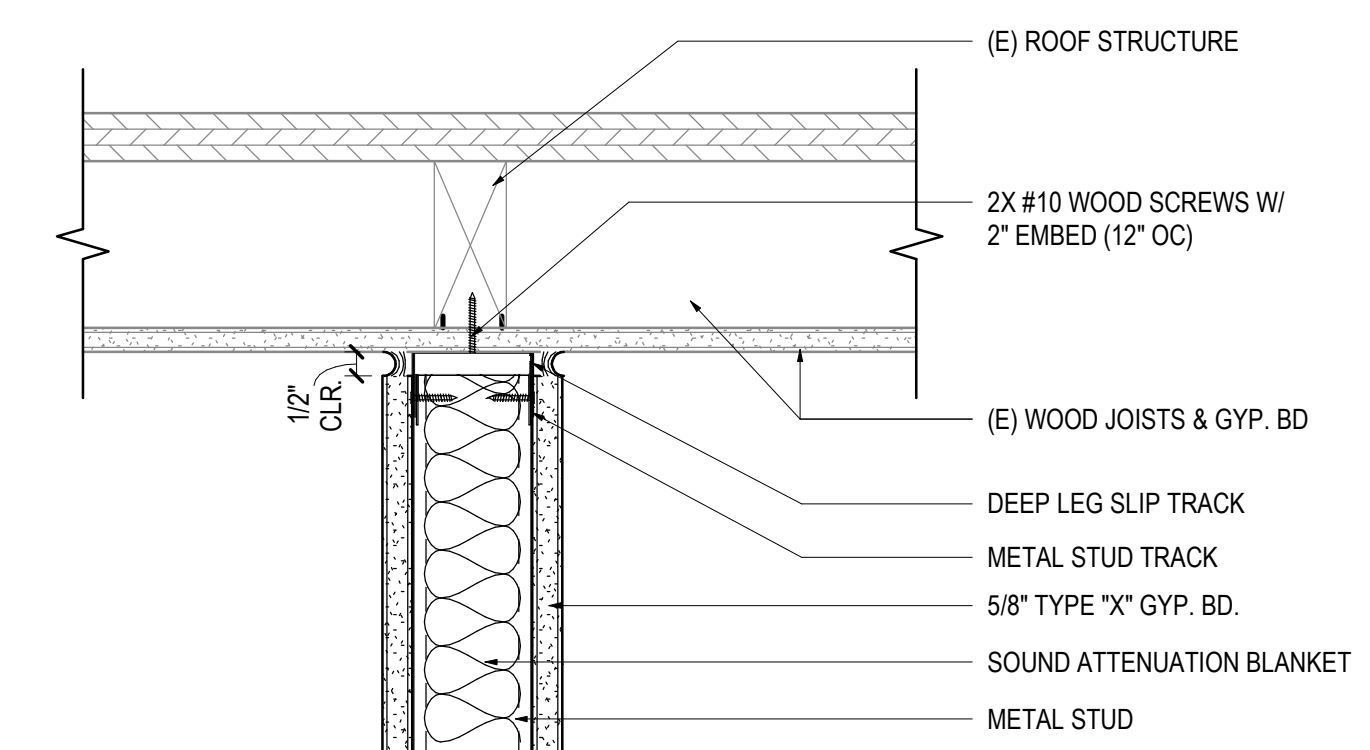
TYPE MARK	TYPE DESCRIPTION	TYPE COMMENTS	FRAMING		DETAILS		ATTEN THK	FIRE RTG	TESTED ASSEMBLY
			GA	DEPTH	TOP	BOT			
AGA	6" metal stud partition w/1 layer 5/8" gyp. ea. side	SLAB TO SLAB	20	6"	16	02/A09 100	03/A09 100	6"	
AGC	6" metal stud partition w/1 layer 5/8" gyp. ea. side	DOOR INFILL	20	6"	16	N/A	03/A09 100	6"	

01 A SERIES PARTITION TYPES

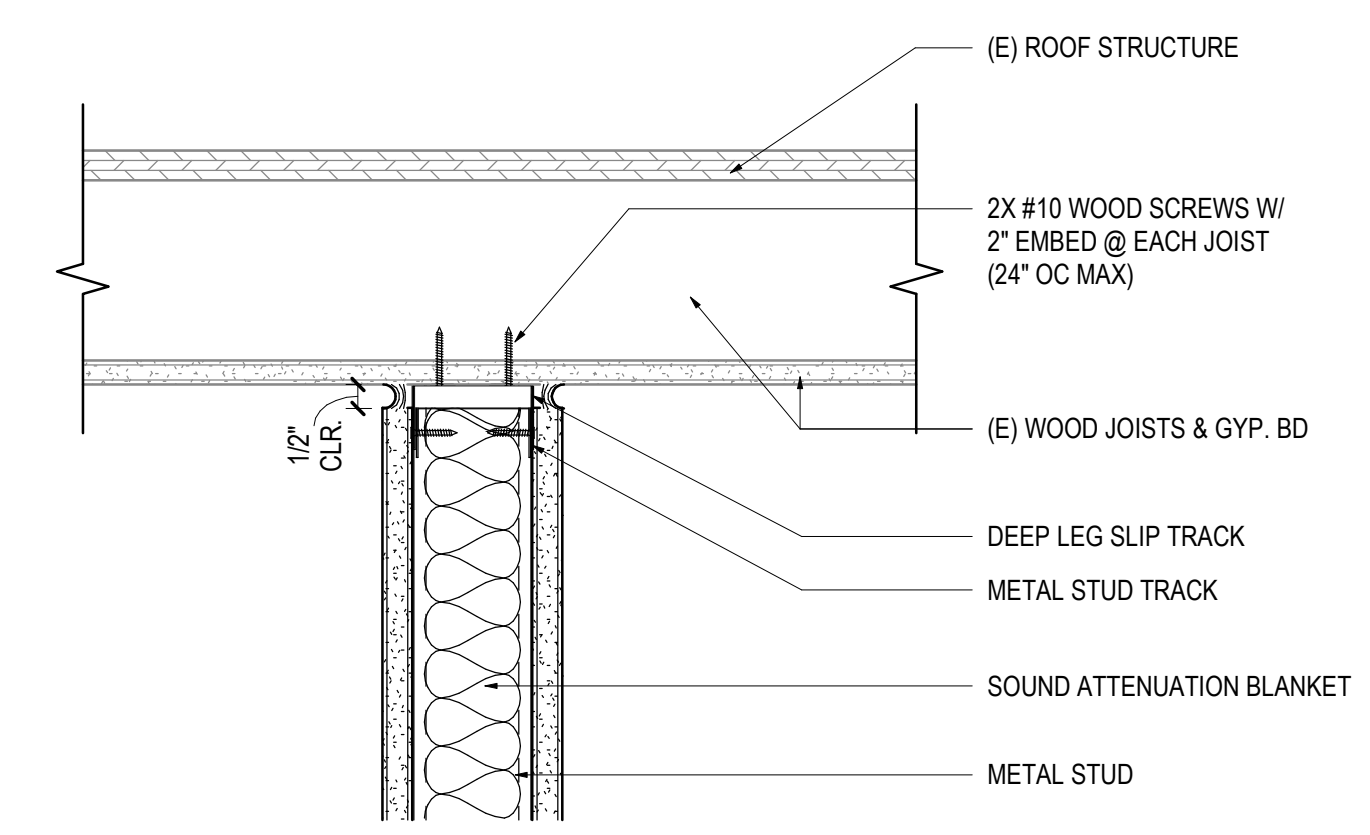
SCALE: 3" = 1'-0"



FULL HEIGHT - PARALLEL BETWEEN JOISTS



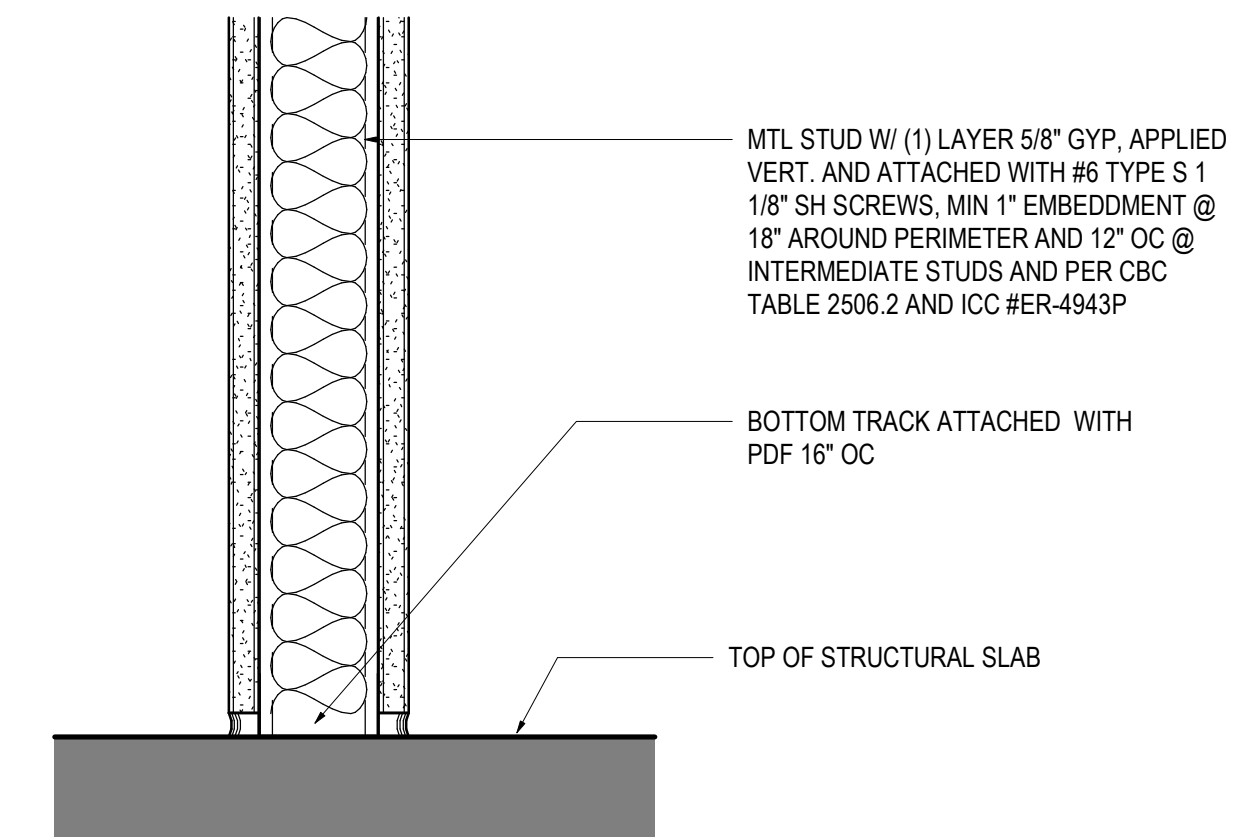
FULL HEIGHT - PARALLEL @ JOISTS



FULL HEIGHT - PERPENDICULAR TO JOISTS

02 A-T01 TOP OF PARTITION @ WOOD ROOF

SCALE: 3" = 1'-0"



03 A-B01

SCALE: 3" = 1'-0"

SHEET NOTES

SHEET LEGEND

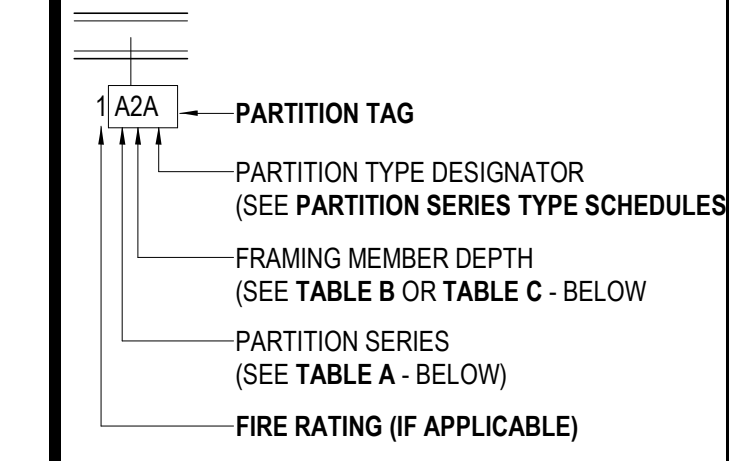


TABLE A - PARTITION SERIES CONSTRUCTION ASSEMBLY

SERIES	SHEATHING	FRAMING MEMBERS	SHEATHING
A	1-LAYER	METAL C-STUD	1-LAYER
B	2-LAYERS	METAL C-STUD	2-LAYERS
C	1-LAYER	METAL C-STUD	2-LAYERS
D	1-LAYER	METAL C-STUD	NONE
E	2-LAYERS	METAL C-STUD	NONE
F	1-LAYER	MTL HAT CHANNEL	NONE
G	1-LAYER	NONE	NONE
H	1-LAYER	METAL C-H STUD	NONE
J	2-LAYERS	METAL C-H STUD	LINER PNL
K	1-LAYER	(2) METAL C-STUDS	1-LAYER
L	2-LAYERS	(2) METAL C-STUDS	2-LAYERS
M	NONE	CMU	NONE
N-U	RESERVED FOR FUTURE EXPANSION		
V-Z	CUSTOM	N/A	N/A

TABLE B - FRAMING DEPTH SCHEDULE

TAG NUMBER DESIGNATION	MTL STUD DEPTH	MTL C-H STUD DEPTH	WOOD STUD DEPTH
-	NO FRAMING		
0	7/8" FLURRING CHANNEL	N/A	
1	1 5/8"	N/A	
2	2 1/2"	2 1/2"	N/A
3	3 5/8"	N/A	N/A
4	4"	4"	4 1/2"
6	6"	6"	5 1/2"
8	8"	N/A	7 1/4"
10	10"	N/A	9 1/4"

TABLE C - MASONRY WIDTH SCHEDULE

TAG NUMBER DESIGNATION	CMU WIDTH
4	3 5/8"
6	5 5/8"
8	7 5/8"
10	9 5/8"
12	11 5/8"

STEEL SHEET THICKNESS FOR STUDS AND RUNNERS

GAGE*	MIN. STEEL BASE METAL THICKNESS (UNCOATED)	INCH	MILS	MM
12	0.1017	97	X	
14	0.0713	68	X	
16	0.0566	54	1.34	
18	0.0451	43	1.09	
20	0.0312	30	0.84	
22	0.0270	27	0.68	
25	0.0179	18	0.45	

*GAGE 16, 18 USED FOR STRUCTURAL FRAMING; 20, 22, AND 25 USED FOR NON-STRUCTURAL FRAMING
 *USE OF DIMPLED STEEL STUDS ACCEPTABLE PROVIDED CONTRACTOR SUPPLIES DOCUMENTATION PROVING THE EQUIVALENT MINIMUM BASE METAL THICKNESS IS ACHIEVED

- GN-01. PARTITION TYPES ARE NOT SEQUENTIAL.
- GN-02. ALL PARTITION SHEATHING TO BE 5/8" TYPE 'X' GYPSUM BOARD UNLESS OTHERWISE NOTED.
- GN-03. ALL PARTITIONS SHALL BE COORDINATED WITH SCHEDULED FINISHES FOR PARTITION LAYOUT AND REQUIRED CLEARANCES.
- GN-04. FOR INTERIOR FRAMING LIMITING HEIGHTS REFER TO SSMA TABLES FOR INTERIOR NON-STRUCTURAL NON-COMPOSITE PARTITIONS
- GN-05. CONTRACTOR TO RE-CONFIRM STUD SIZING AND SUBMIT SELECTION CRITERIA FOR REVIEW INCLUDING DELINEATION OF SLAB TO UNDERSIDE OF SLAB INFORMATION

CONDITION	ICC REFERENCE
METAL STUD	ESR-3064P, CCRR-0224
METAL SLIP TRACK	ESR-2012
S.M. SCREWS	ESR-1271
P.A. FASTENER	ESR-1752, ESR-2289

FASTENER SPACING FOR DRYWALL AND SHEATHING
 8" O.C. AT PANEL EDGES
 2" O.C. AT PANEL FIELD
 TYPE 'S' SCREWS

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03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

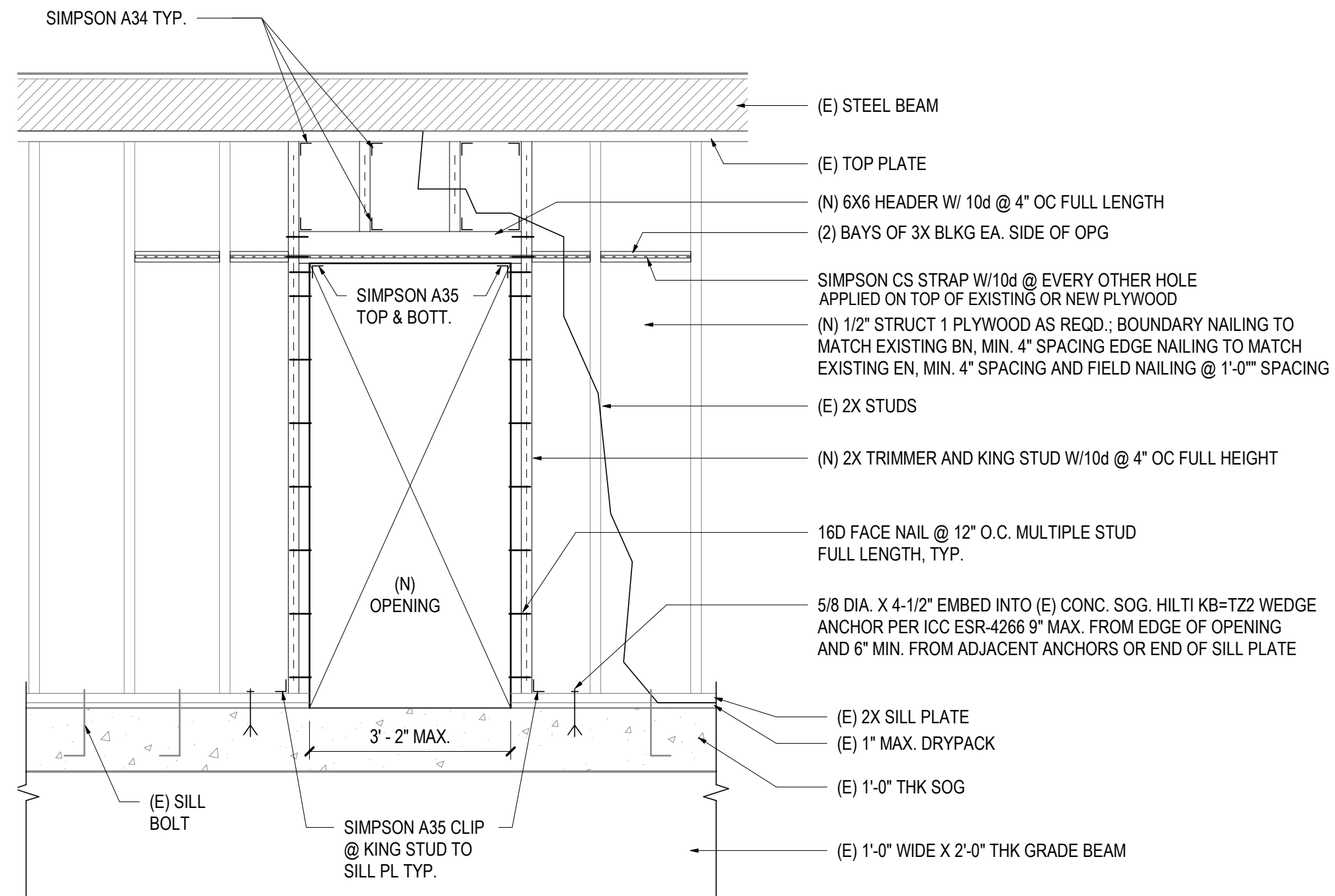
Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

Description
 LEVEL 01
 PARTITION TYPES & DETAILS

Scale
 3" = 1'-0"

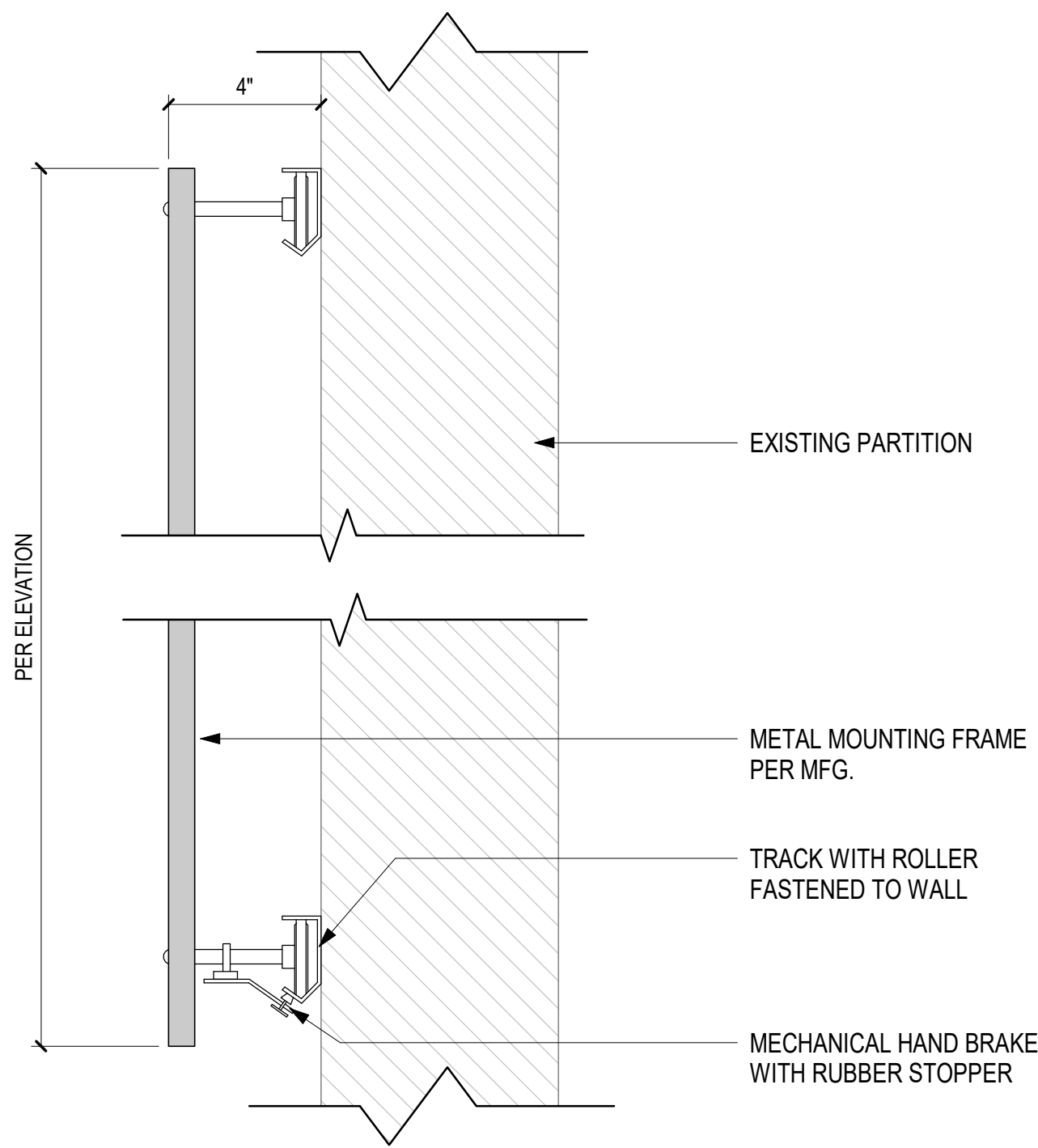
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NOTE:
 - PLYWOOD AROUND OPENING IN WALL LINE SHALL HAVE BLOCKING AT EDGES AND USE EN SPECIFIED AROUND PERIMETER.
 - REMOVE EXISTING PLYWOOD AT OPENING LOCATION TO NEARBY EXISTING SEAMS.
 - INSTALL FRAMING INTO EXISTING TOP AND BOTTOM PLATES, REFRAME, REPLYWOOD AND RENAIL.

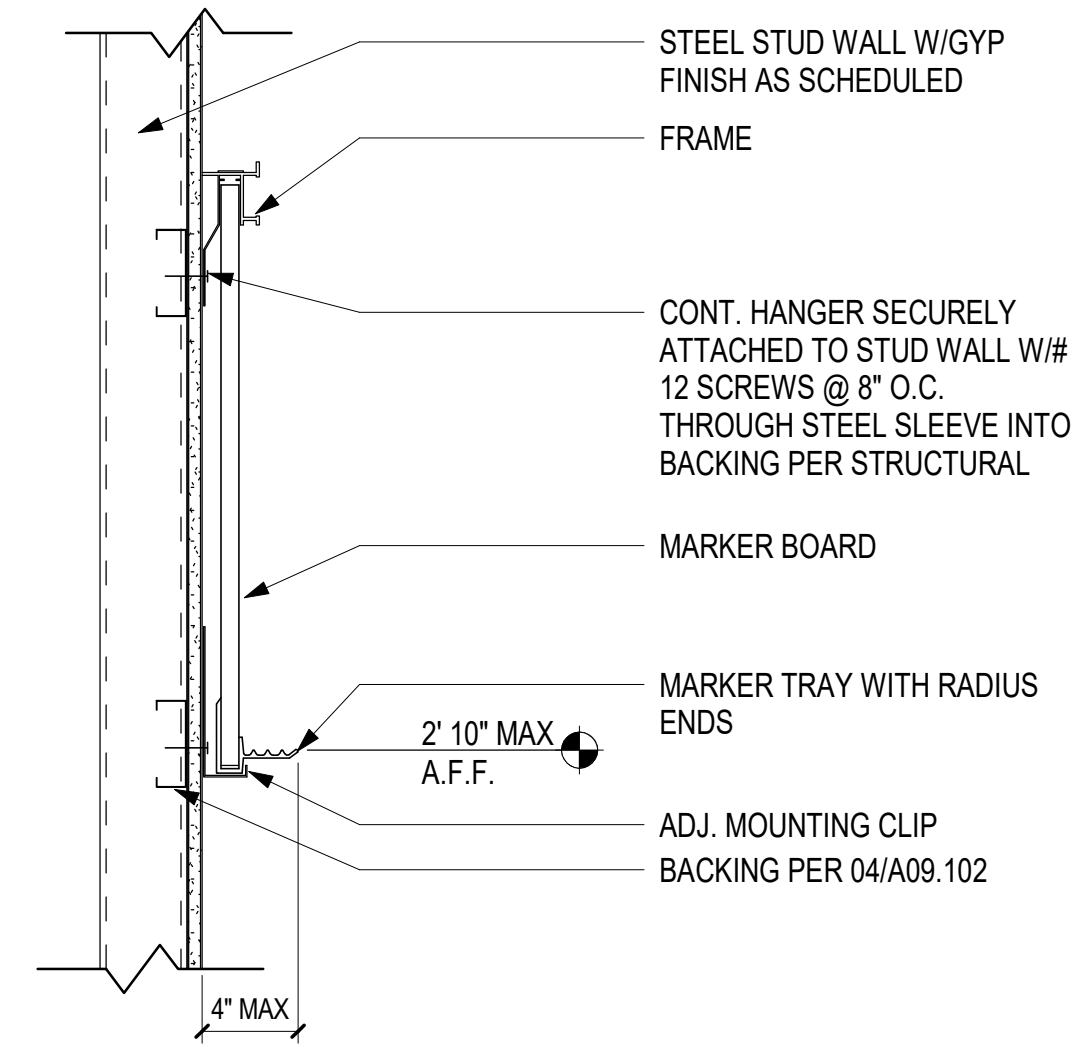
8 FRAMING AT (E) SHEAR WALL OPENING

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



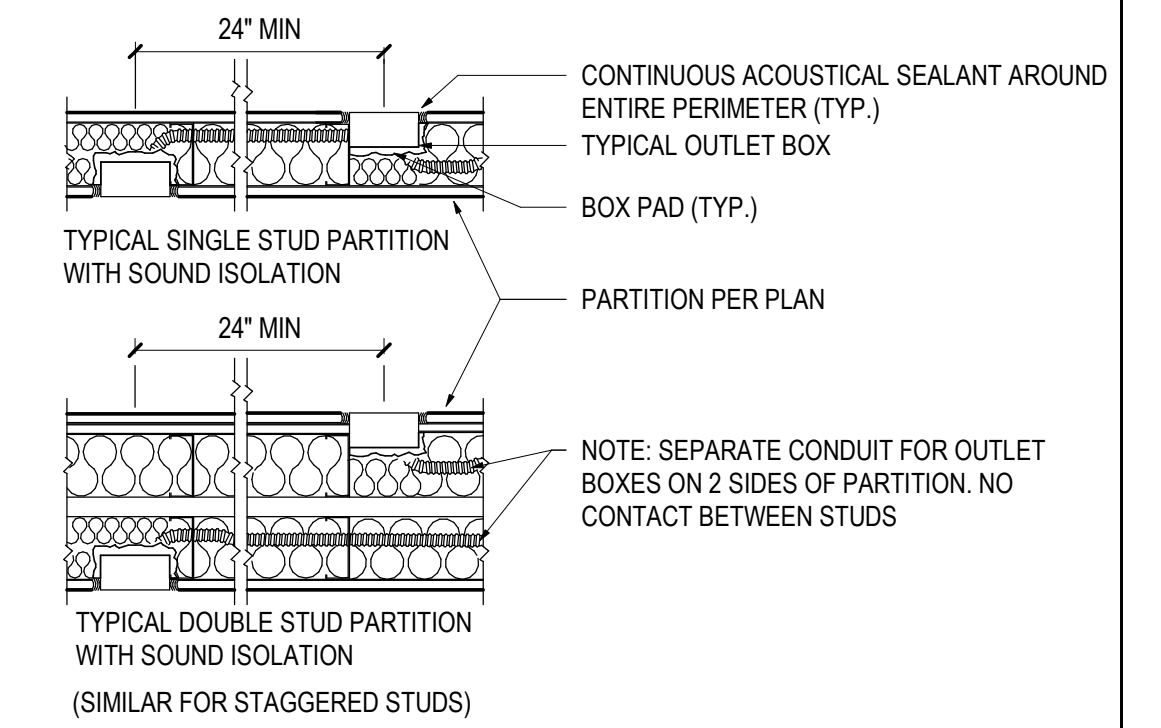
3 SECTION AT DIVERSITRACK SYSTEM

SCALE: 3" = 1'-0"



5 MARKERBOARD/WHITEBOARD

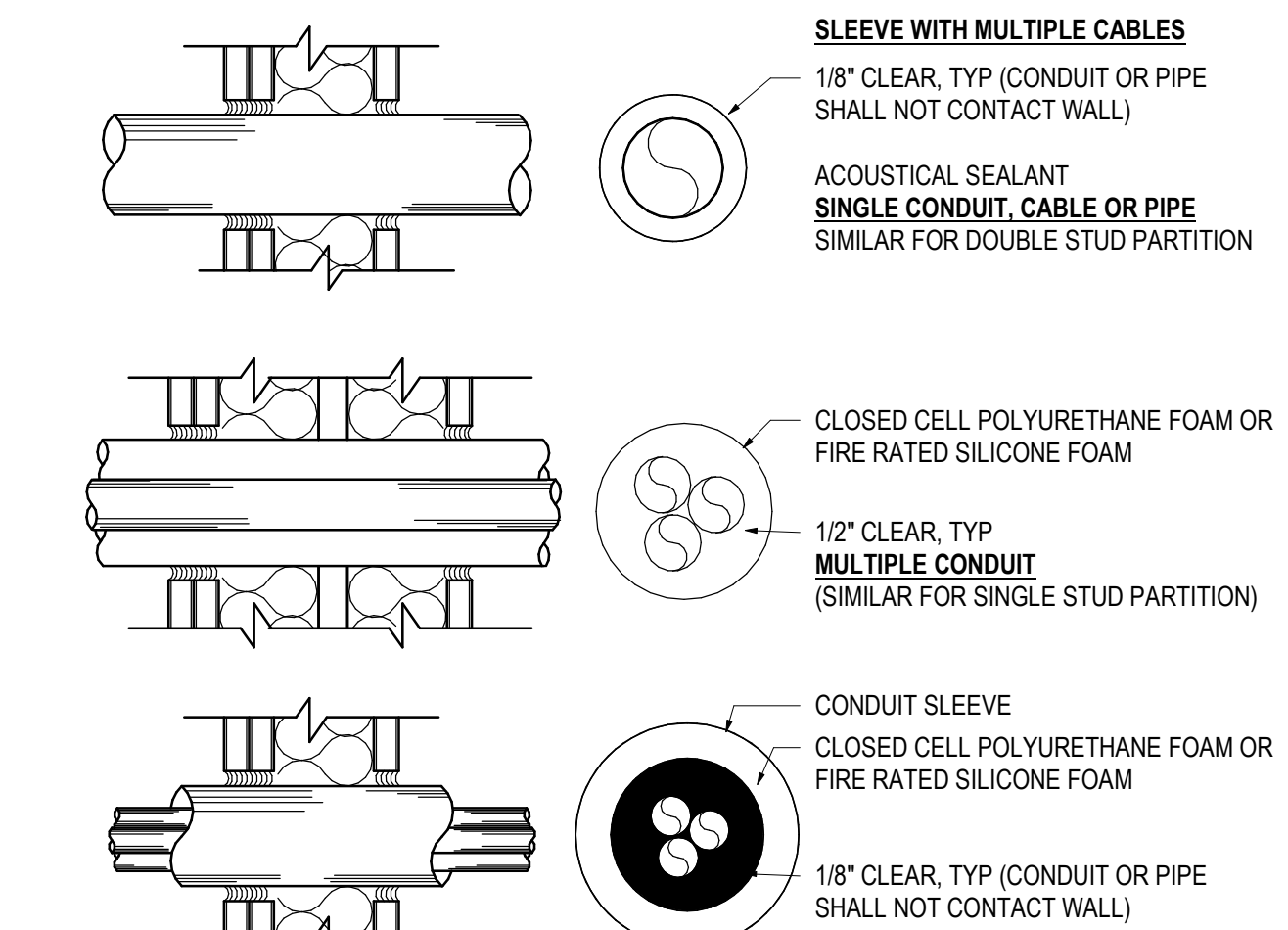
SCALE: 1 1/2" = 1'-0"



NOTES:
 1. PLACE OUTLET BOXES IN SEPARATE STUD SPACES
 2. BACK-TO-BACK OUTLETS NOT PERMITTED.
 3. PLUG ALL UNUSED KNOCK-OUTS IN OUTLET BOXES WITH KNOCK-OUT CAPS.
 4. PROVIDE BACKING EQUIVALENT TO HILTI CP617 (CA FIRE MARSHALL LISTING 4485-1200-0129)
 5. DEPTH OF OUTLET BOX MUST BE COMPATIBLE WITH STUD SIZE IN ORDER TO ACCOMMODATE BOX PAD. 6. ACOUSTICAL BOX PAD REQUIREMENT APPLIES TO ALL PARTITIONS WITH ACOUSTICAL INSULATION. APPLIES TO POWER, PHONE, COMMUNICATIONS, ETC.

01 OUTLET BOX DETAILS

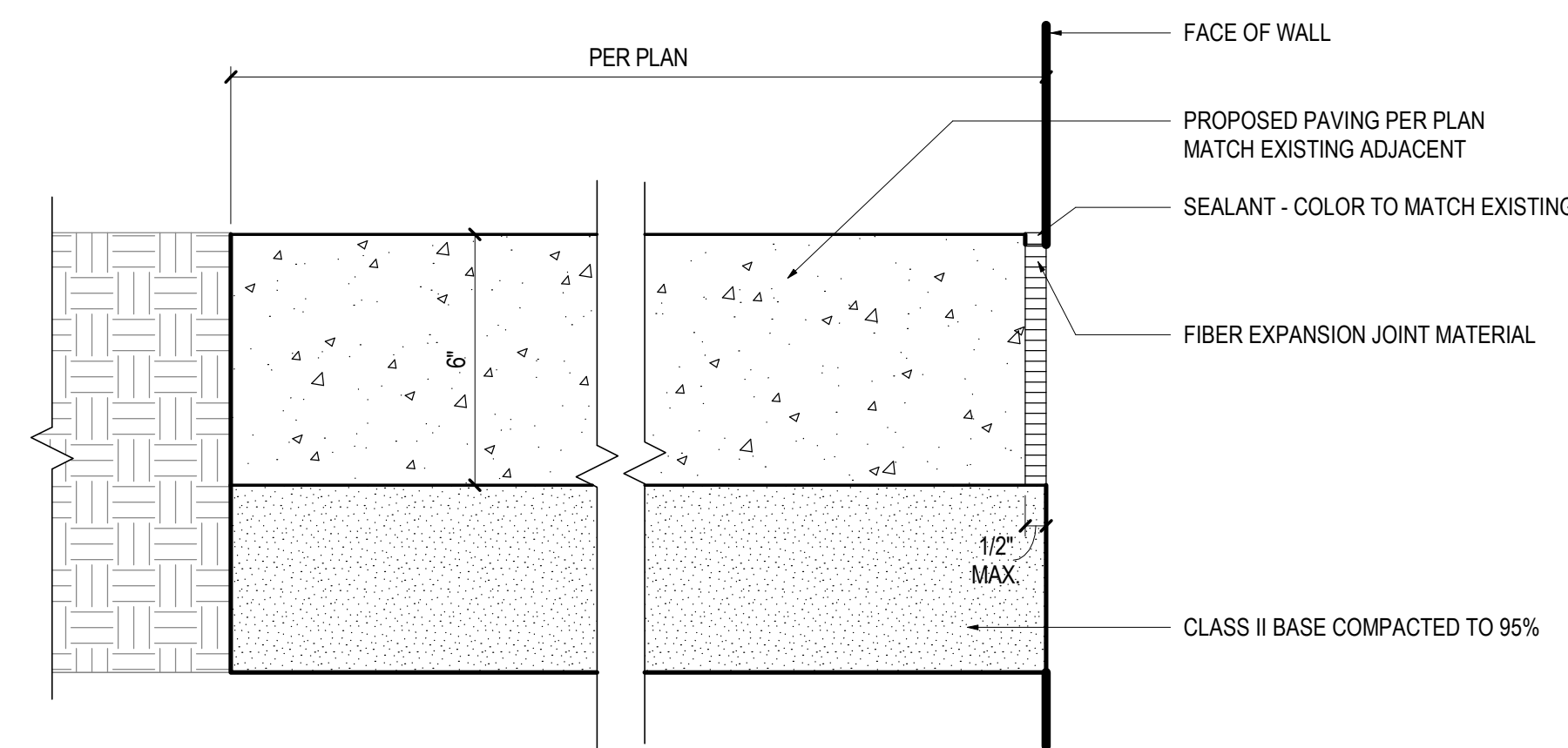
SCALE: 3" = 1'-0"



PENETRATIONS OF ACOUSTICAL PARTITIONS BY CONDUIT, CABLE, PIPES, ETC. SHALL BE ACOUSTICALLY SEALED AS SHOWN. GAPS LARGER THAN 1/2" SHALL BE COVERED W/ GYP BD. LAPPED A MINIMUM OF 2" AND SCREWED BEFORE USING ACOUSTICAL SEALANT. ALL PENETRATIONS SHALL BE INSTALLED/SEALED IN ACCORDANCE WITH ASTM E814 OR UL 1479 PER CBC 714.3.1.2

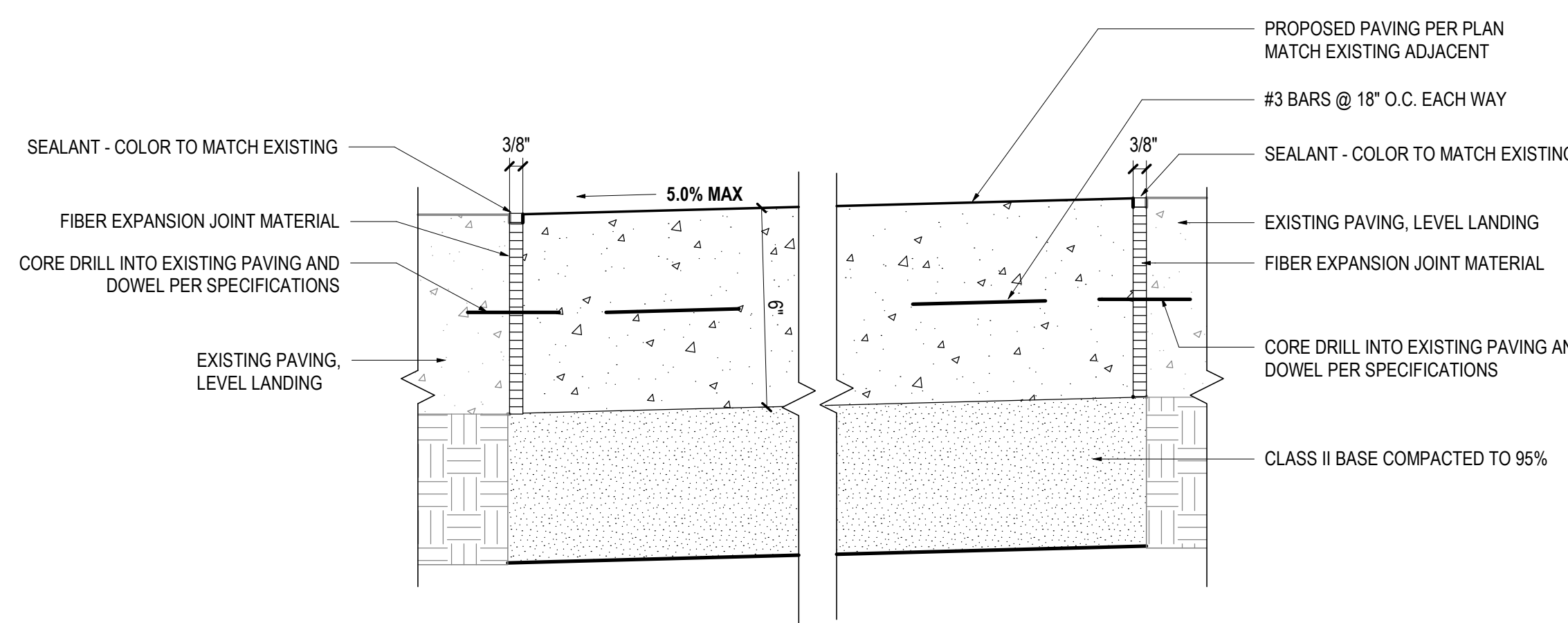
02 DT-PTN/PENETRATION(S)

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



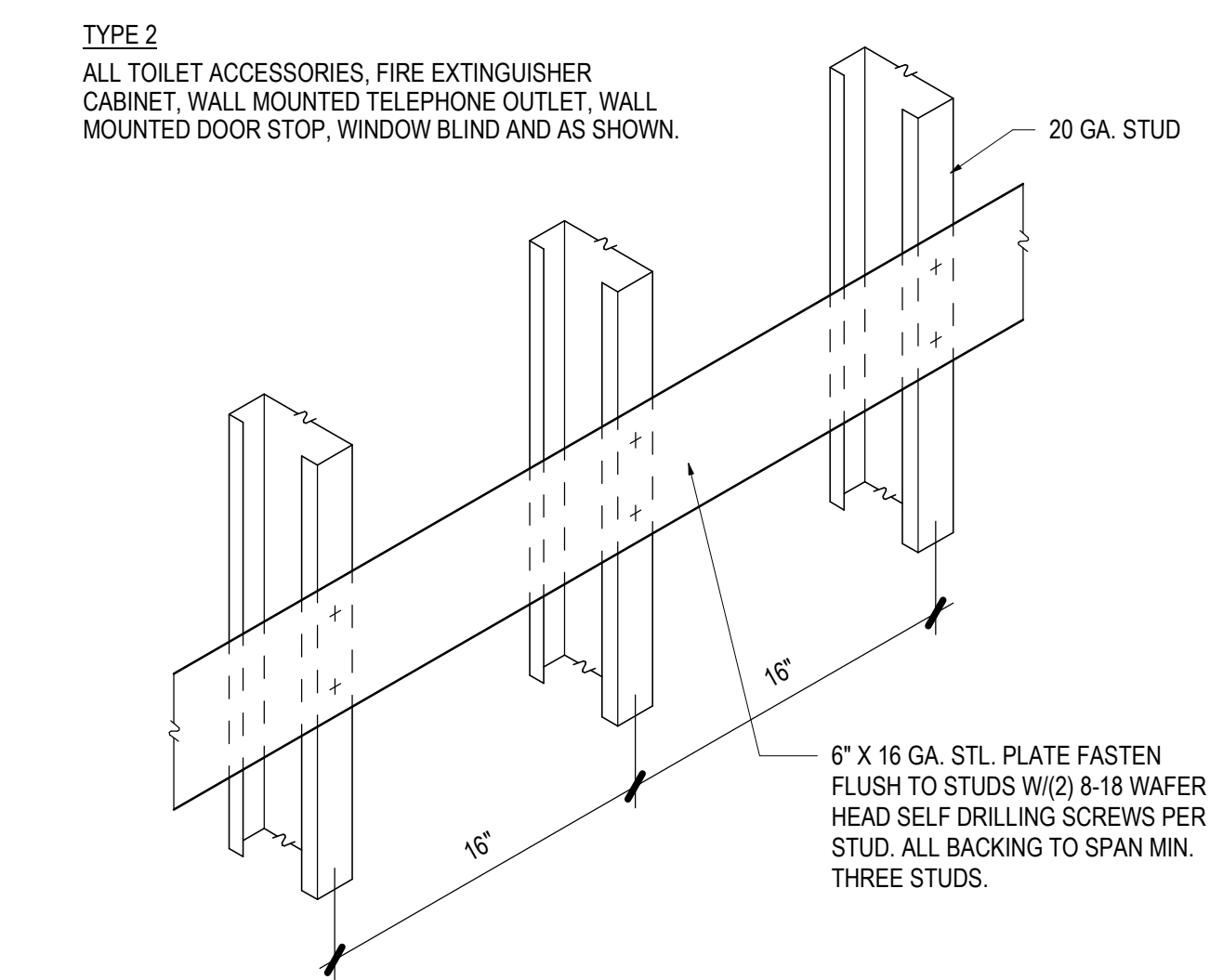
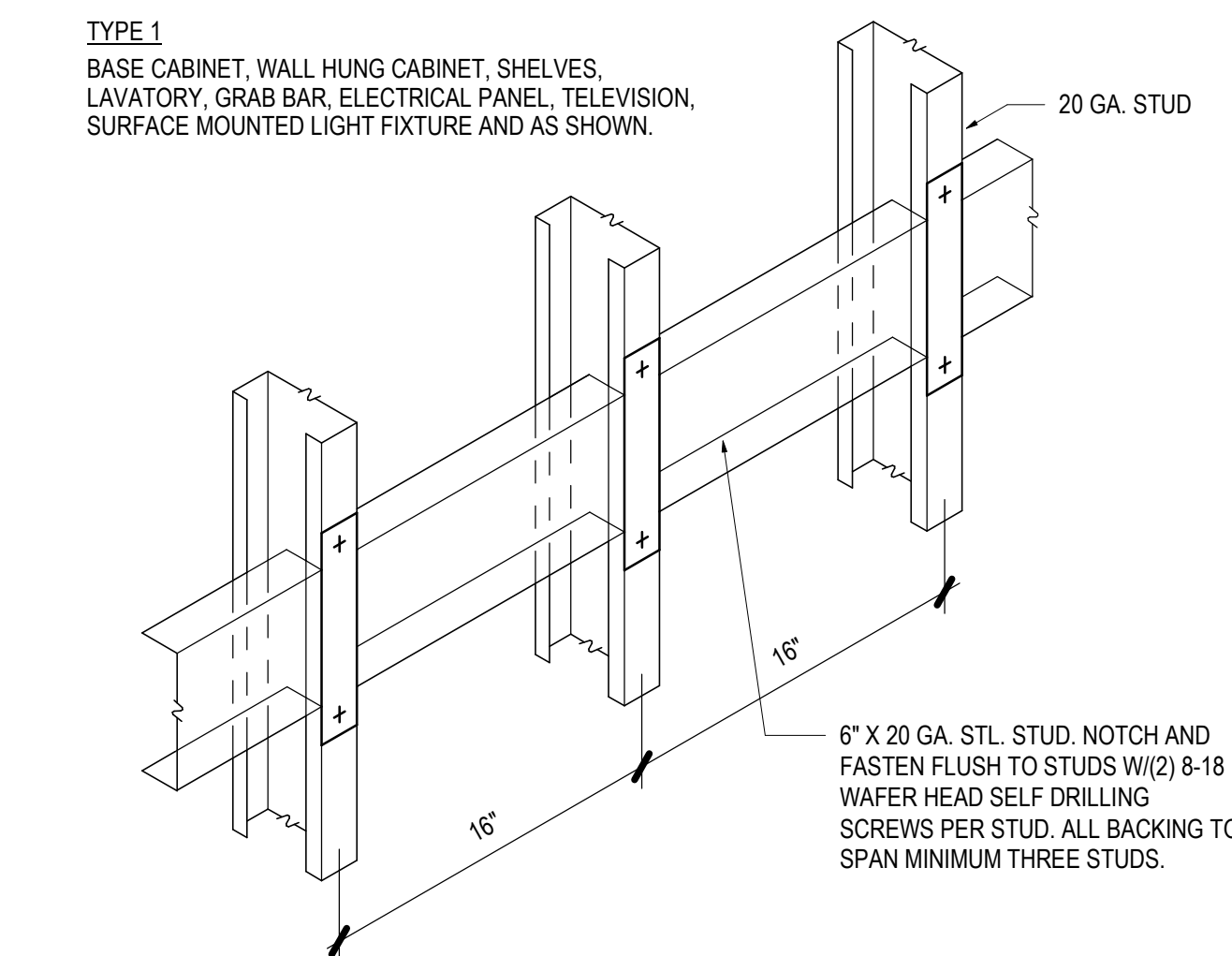
6 SECTION AT CONCRETE SIDEWALK PAVING

SCALE: 3" = 1'-0"



7 SECTION AT CONCRETE SIDEWALK PAVING

SCALE: 3" = 1'-0"



NOTE:
 1. EXTEND BCK'G PLATES TO LAST STUD BEYOND FACE OF FIXTURE OR ACCESSORY TYP
 2. PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE FASTENING, TYP.
 3. ALL BACKING PLATES SHOWN OR NOT SHALL BE SCREWED TO STUDS, TYP.

04 BACKING PLATE

SCALE: 3" = 1'-0"

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

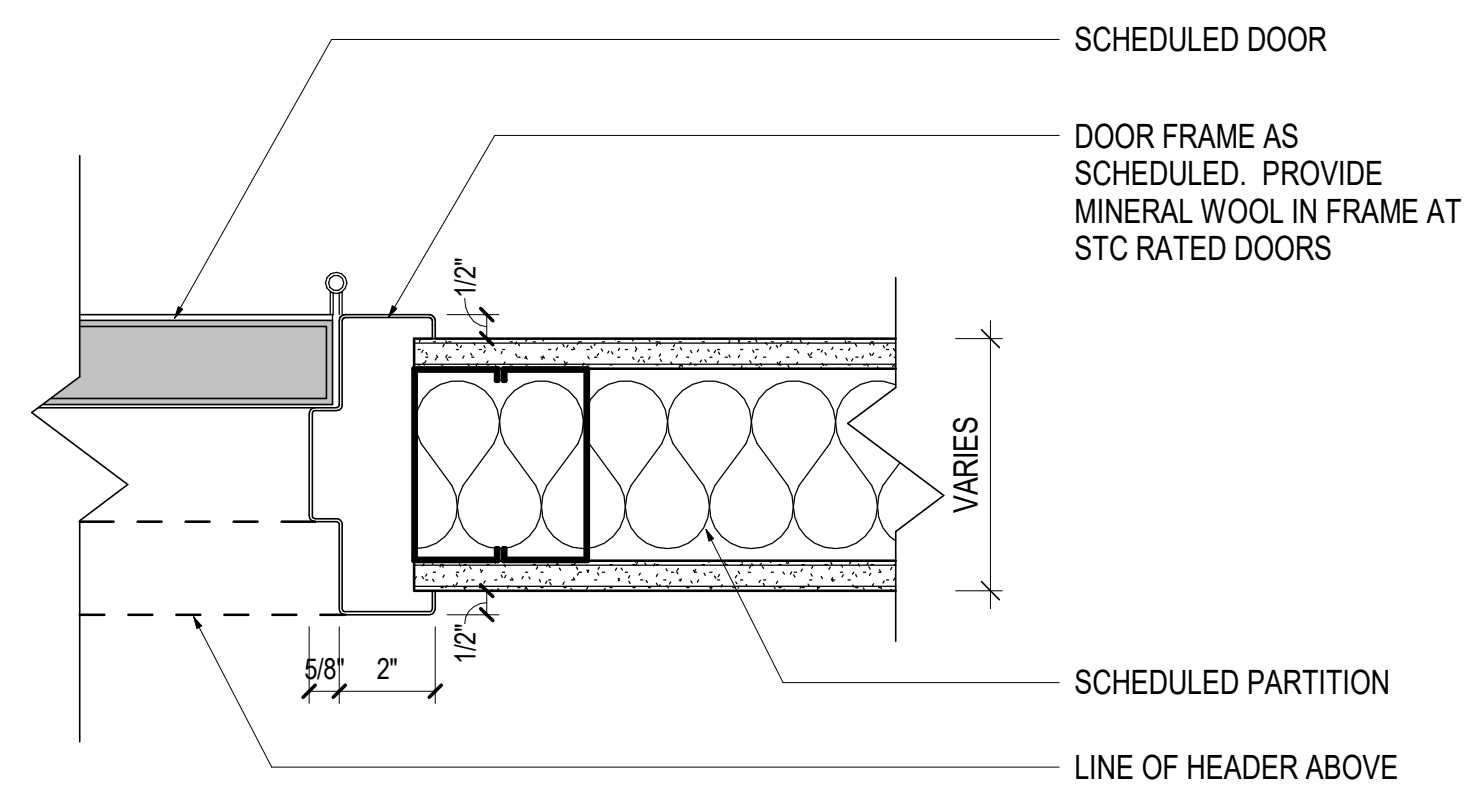
Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

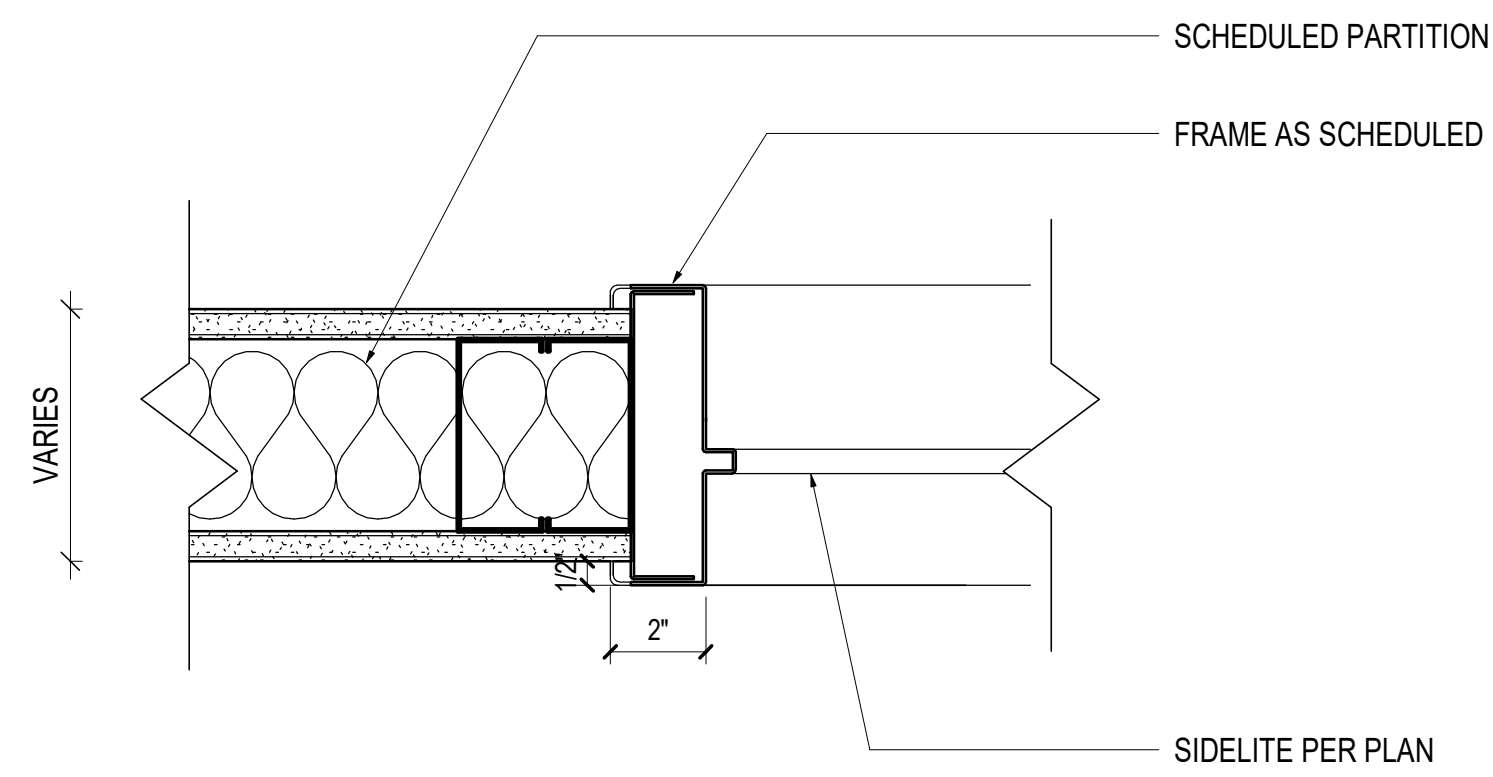
Description
 LEVEL 01
 DETAILS

Scale
 As indicated

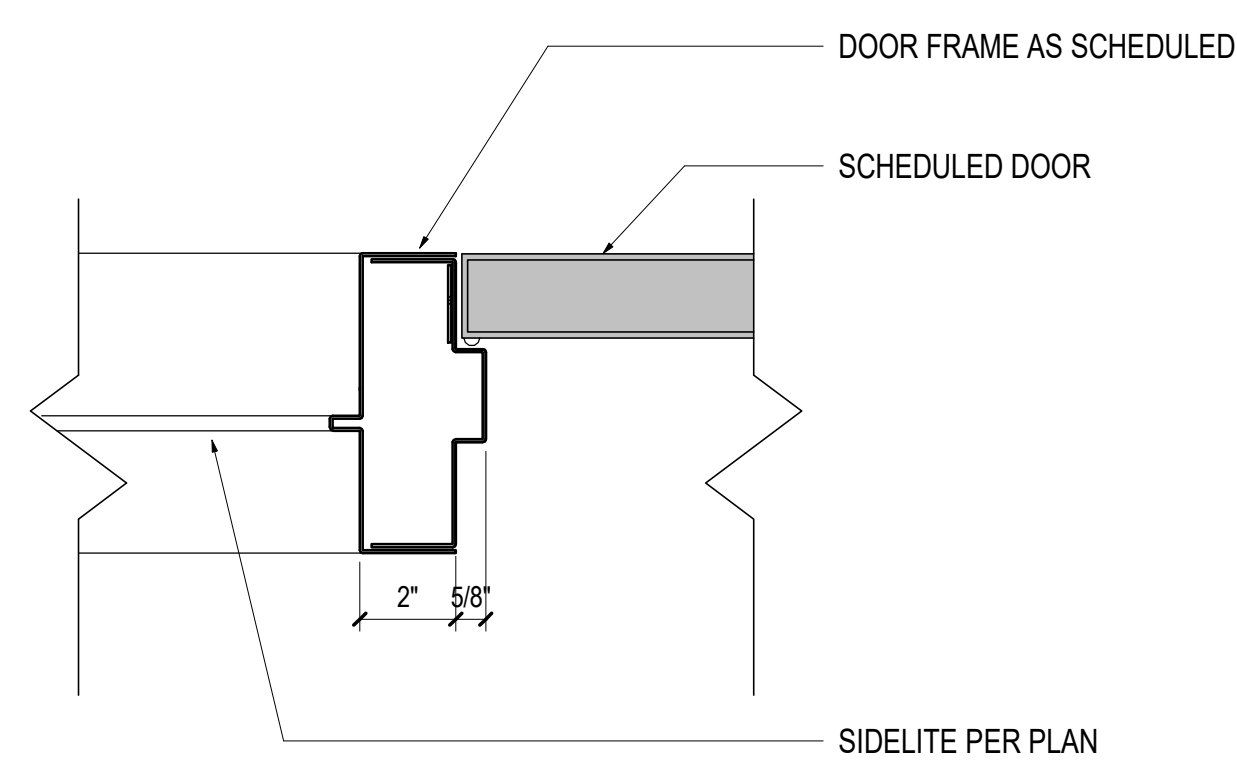
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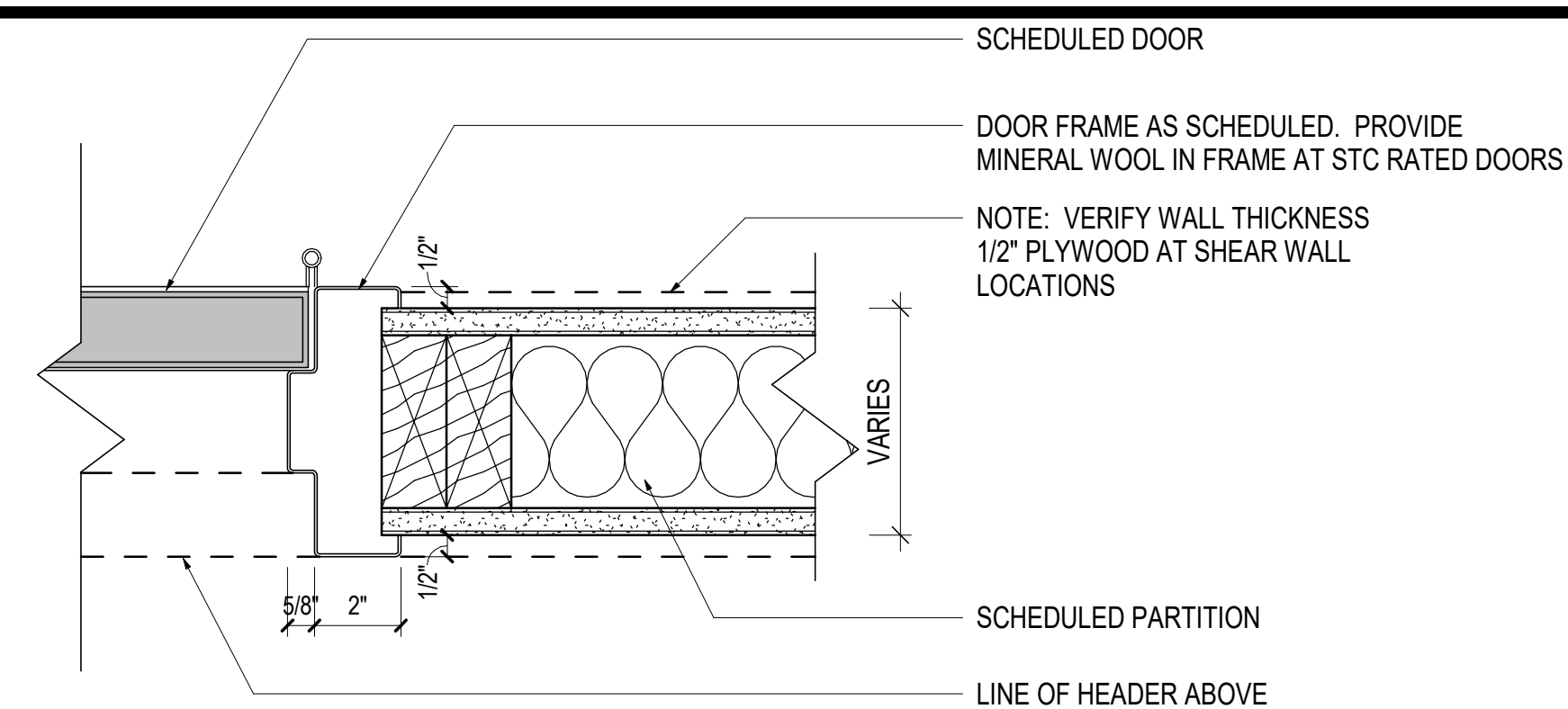
7 JAMB INTERIOR
SCALE: 3" = 1'-0"



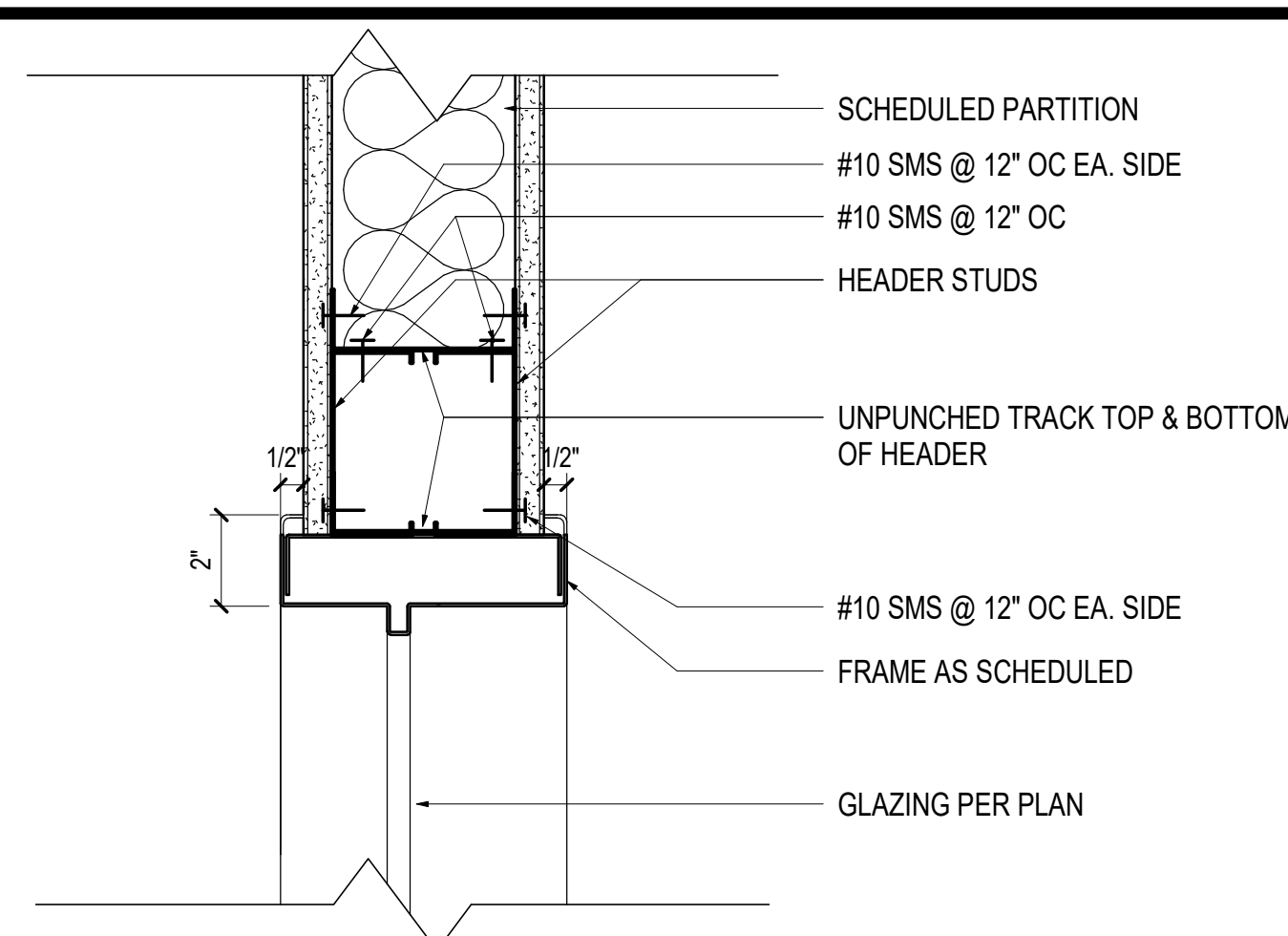
8 JAMB @ GLAZING
SCALE: 3" = 1'-0"



9 JAMB INTERIOR @ SIDELITE & DOOR
SCALE: 3" = 1'-0"



10 JAMB @ EXISTING
SCALE: 3" = 1'-0"



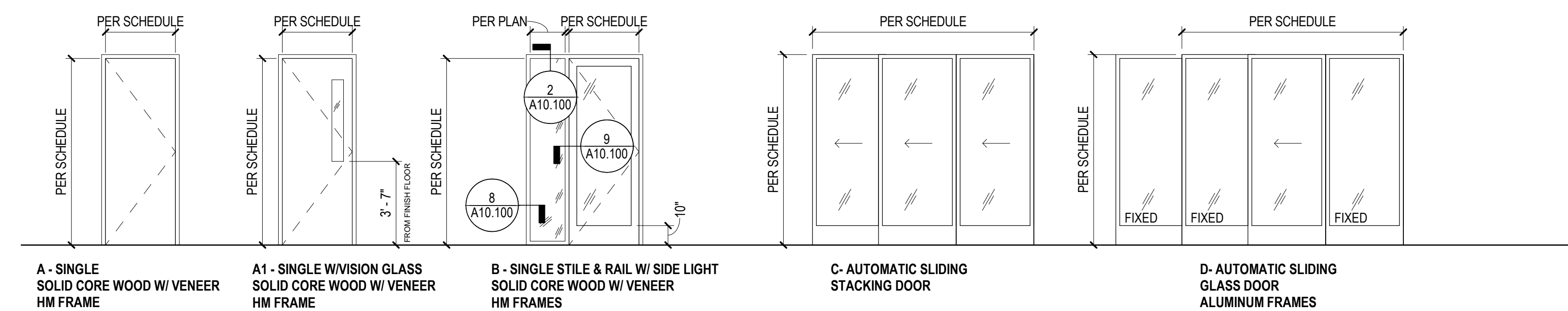
11 HEADER AT WINDOW OPENING
SCALE: 3" = 1'-0"

DOOR SCHEDULE

NO.	LOCATION	TYPE	DIMENSIONS		MAT	FRAME ASSEMBLY				ASSEMBLY RATING	HOUR SET	REMARKS
			WIDTH	HEIGHT		HEAD	JAMB	SILL	MAT			
109A	CONFERENCE	A	3'-0"	7'-0"	WD	EX	EX	EX	EX	EX	09	EXISTING DOOR AND FRAME TO REMAIN
2100A	CORRIDOR	B	3'-6"	7'-0"	WD/GL	1/A10.100	9/A10.100	6/A10.100	HM	PT	04	
2100B	CORRIDOR	B	3'-6"	7'-0"	WD/GL	1/A10.100	9/A10.100	6/A10.100	HM	PT	03	
2101	ENTRY	D	3'-0"	7'-10"	AL/GL	3/A10.100	-	4/A10.100	AL/GL	AL	11	REPLACE SLIDER DOOR SYSTEM WITH NEW BREAKAWAY SLIDER WITH PANIC HARDWARE. STANLEY DURA GLIDE 3000 OR SIMILAR. TEMPERED OR SAFETY GLASS
2109	CONFERENCE	A	3'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2110A	SKILLS LAB	A	3'-6"	7'-0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	06	
2110B	SKILLS LAB	A	3'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN. EXIT ONLY HARDWARE
2120	WOMENS	A	3'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2151	MENS	A	3'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2152	CLASSROOM	A	3'-0"	7'-0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	07	
2153	PREP ROOM	A	3'-6"	7'-0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	08	
2154	PREP ROOM	A	3'-6"	7'-0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	10	
2155	STUDENT LAB	A	3'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2156	RESTROOM	A	3'-0"	7'-0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	05	
2156A	STUDENT LAB	A	3'-0"	7'-0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	09	
2157	CORRIDOR	A1	3'-6"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2159	CORRIDOR	A1	3'-6"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2161	ELEC.	A1	3'-6"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN
2163	LAB MED SURGE (LAB 3)	A1	3'-6"	7'-0"	EX	EX	EX	EX	EX	PT	01	EXISTING DOOR AND FRAME TO REMAIN
2164	CONTROL ROOM	A1	3'-0"	7'-0"	WD	5/A10.100	10/A10.100	6/A10.100	HM	PT	12	
2165	LAB MED SURGE (LAB 4)	C	10'-0"	7'-0"	EX	EX	EX	EX	EX	EX	01	EXISTING DOOR AND FRAME TO REMAIN, TEMPERED OR SAFETY GLASS
2185	LEARNING CENTER	A	3'-0"	7'-0"	WD	1/A10.100	7/A10.100	6/A10.100	HM	PT	02	

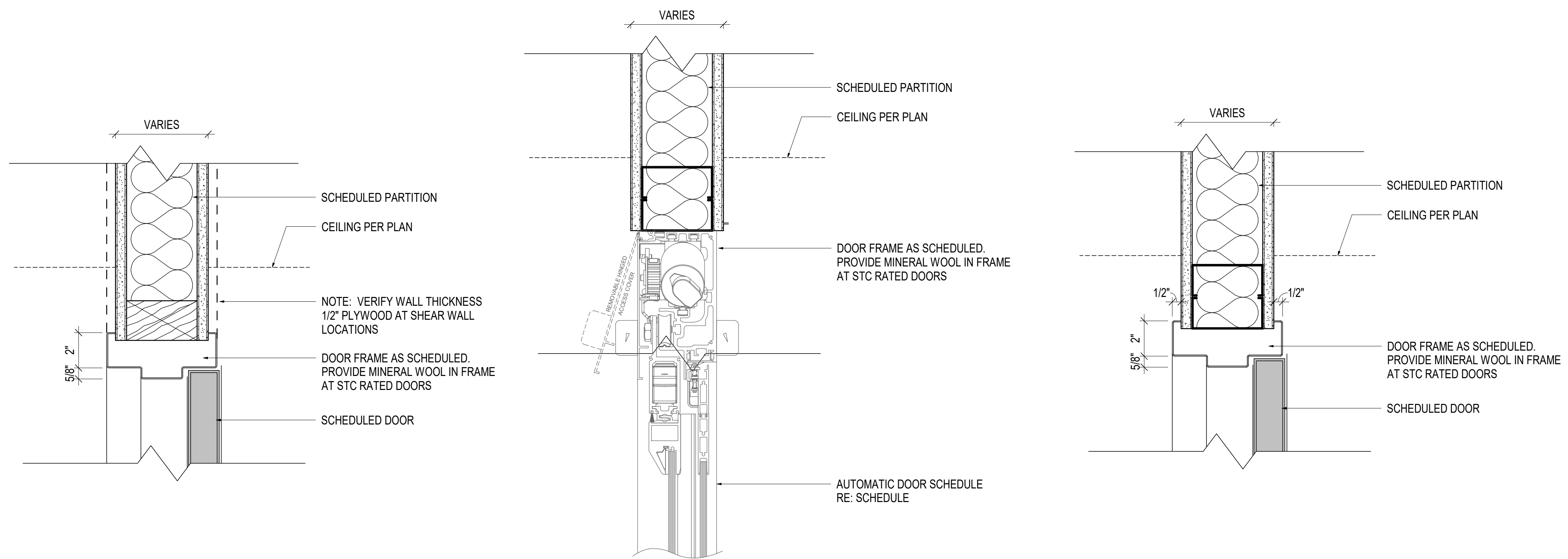
WINDOW SCHEDULE

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



DOOR TYPES

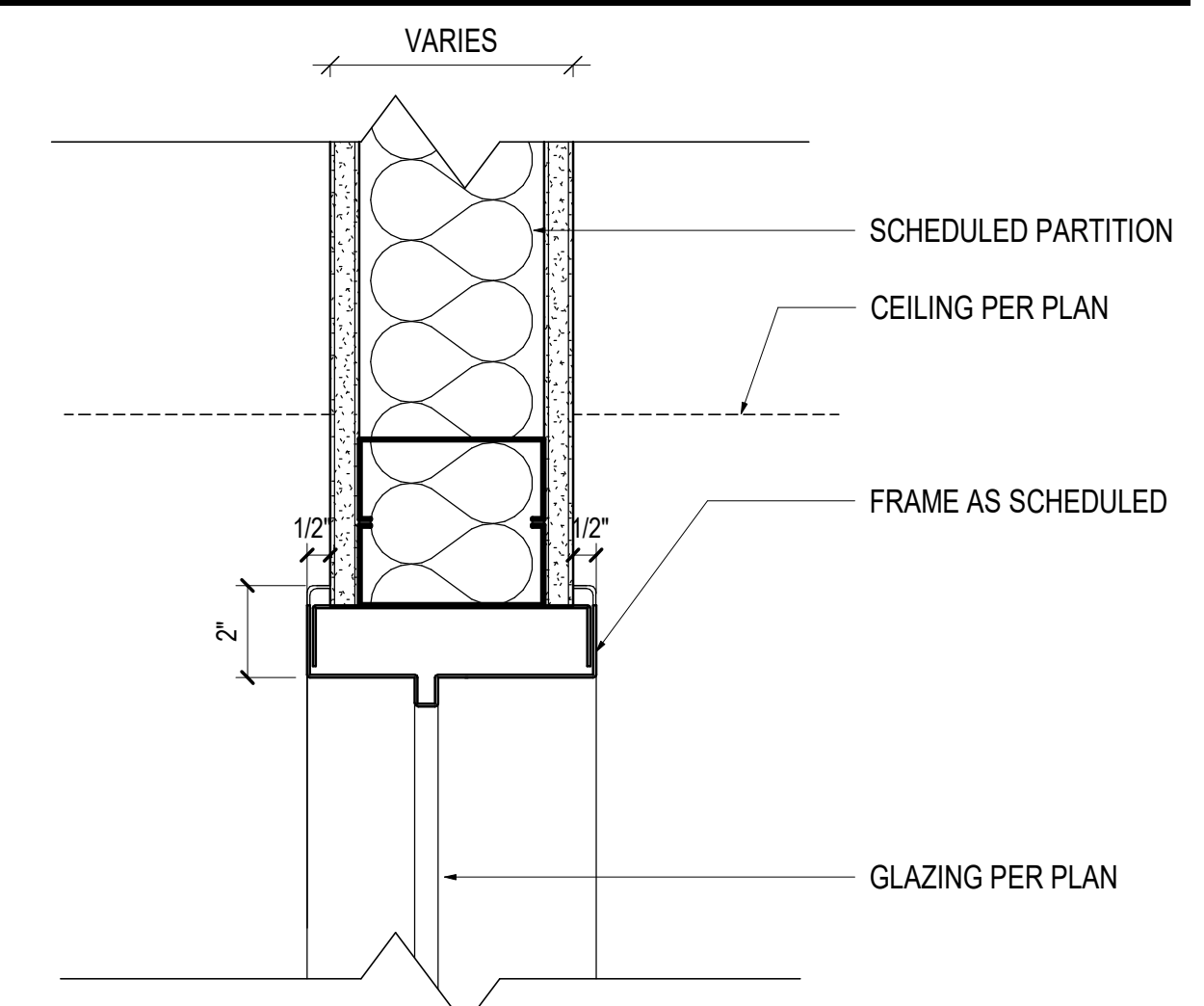
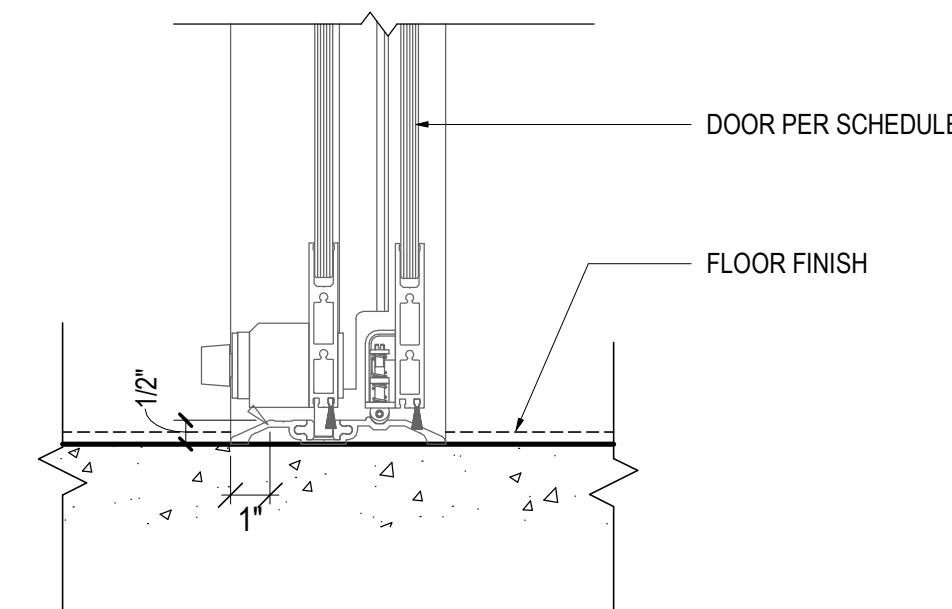
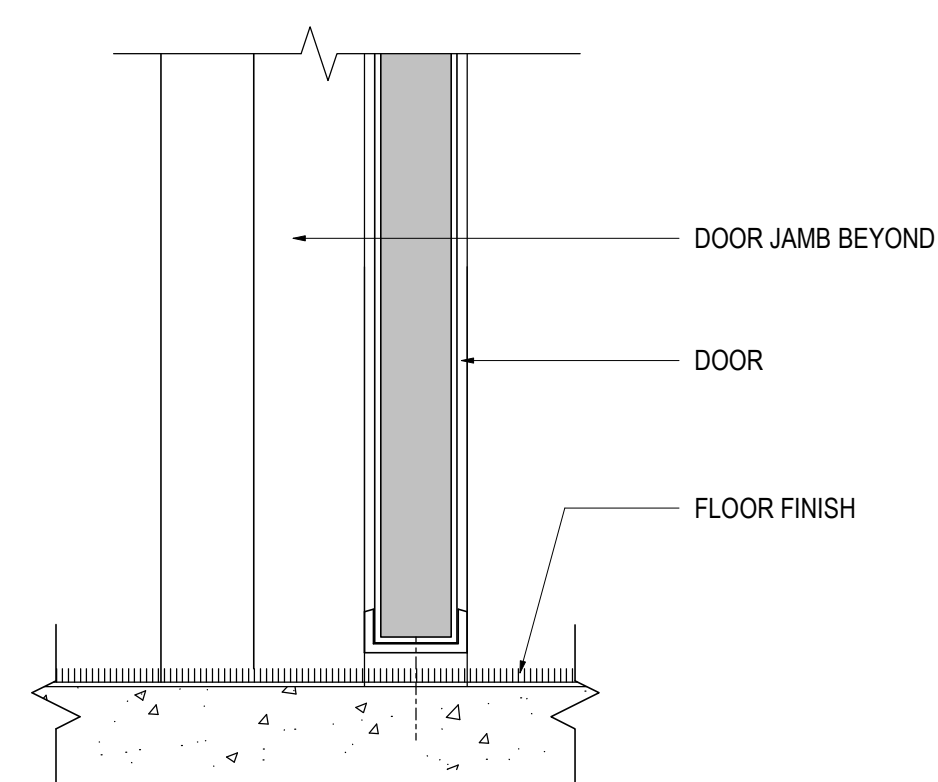
SCALE: 1/4" = 1'-0"



5 FRAME HEAD @ EXISTING PARTITION
SCALE: 3" = 1'-0"

3 FRAME HEAD @ SLIDER
SCALE: 3" = 1'-0"

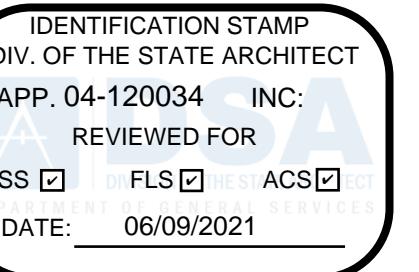
1 FRAME HEAD INTERIOR
SCALE: 3" = 1'-0"



6 H.M. DOOR SILL
SCALE: 3" = 1'-0"

4 DOOR THRESHOLD @ SLIDER
SCALE: 3" = 1'-0"

2 FRAME HEAD @ GLAZING
SCALE: 3" = 1'-0"



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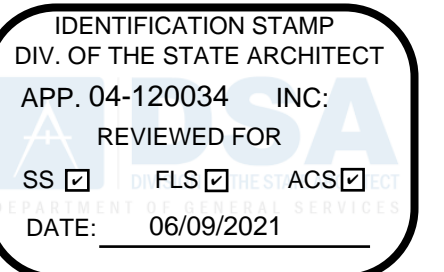
Description
LEVEL 01
DOOR & WINDOW SCHEDULE AND DETAILS

Scale
As indicated

A10.100

Plumbing 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

RESTROOM ACCESSORIES SCHEDULE				
Type Mark	Description	Manufacturer	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
TA-3	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK OR EQUAL	B-4262 OR EQUAL	NEW FIXTURE
TA-4	SURFACE MOUNTED SOAP DISPENSER	DRACO	2200B-3	EXISTING TO BE RELOCATED PER PLAN
TA-5	SURFACE MOUNT MIRROR	EXISTING	N/A	EXISTING TO BE RELOCATED PER PLAN
TA-6	SURFACE MOUNTED SEAT COVER DISPENSER	THUNDER GROUP INC.	PLTSCD3812	EXISTING TO BE RELOCATED PER PLAN
TA-8	SURFACE MOUNTED TOILET TISSUE DISPENSER	GEORGIA PACIFIC	56744	EXISTING TO BE RELOCATED PER PLAN
TA-9	DRINKING FOUNTAIN GRAB BAR	BOBRICK	819298	NEW FIXTURE



IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

225 Broadway Suite 100 San Diego, CA 92101 United States
Tel: 619.557.2500 Fax: 619.557.2520

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Seal/Signature

Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
LEVEL 01
SCHEDULES

Scale

A10.700

MEP ANCHOR AND BRACE NOTES

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.1.26 THROUGH 1617A.1.26:

- 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 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.

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 CONDUIT:

- 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.
- 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 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.

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 13.8.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

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.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):
 MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

DUCT LINERS AND INSULATION

COMPLY WITH 2019 CALIFORNIA ENERGY CODE SECTION 120.4: REQUIREMENTS FOR AIR DISTRIBUTION SYSTEM DUCTS AND PLENUMS:

- PORTIONS OF SUPPLY-AIR AND RETURN-AIR CONVEYING HEATED OR COOLED AIR LOCATED OUTDOORS, SPACES BETWEEN ROOF AND INSULATED CEILING, 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.
- 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.
- COMBINATION DUCT LINER AND DUCT WRAP INSULATION MAY BE USED TO ACHIEVE THE INSTALLED MINIMUM R-VALUES DESCRIBED ABOVE.
- 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 SPIRACOUS TIC PLUS FOR ROUND SPIRAL DUCTS. SUPPLY AND RETURN DUCTWORK EXPOSED OUTSIDE THE BUILDING SHALL BE INTERNALLY LINED WITH 1/2" THICK R-8 LINER, AND INDOOR LINED DUCTS SHALL BE INSTALLED WITH 1" THICK DUCT LINER R-4.2 UNLESS OTHERWISE EXPLICITLY INDICATED ON PLANS.
- DUCTS CARRYING UNTEMPERED MAKE UP OUTSIDE AIR SHALL BE INSULATED WITH R-4.2 DUCT WRAP INSULATION WITH VAPOR BARRIER TO PREVENT CONDENSATION.

DSA GENERAL REQUIREMENTS

- 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 CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- A DSA-CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE 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
- AN INSPECTOR WHO IS SPECIALLY QUALIFIED IN MECHANICAL AND ELECTRICAL WORK WILL BE REQUIRED FOR THIS PROJECT.
- 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 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

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 REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
 2019 CALIFORNIA PLUMBING CODE
 2019 CALIFORNIA ELECTRICAL CODE

GENERAL NOTES

- INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA BUILDING CODE, AND OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS DIVISION T-20.
- 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 MECHANICAL SYSTEMS.
- COORDINATE INSTALLATION OF THE H.V.A.C. SYSTEM WITH THE WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. 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 ENGINEER FOR DIRECTION PRIOR TO EXECUTION OF WORK. THE CONTRACTOR MAY BE RESPONSIBLE FOR REMOVING WORK INSTALLED AT NO ADDITIONAL COMPENSATION.
- COORDINATE THE LOCATION OF CEILING DIFFUSERS, SIDEWALL REGISTERS AND GRILLES WITH THE ARCHITECTURAL CEILING AND LIGHTING LAYOUT.
- IF IT IS NECESSARY TO INSTALL WORK ABOVE AN INACCESSIBLE (HARD) CEILING, PROVIDE ACCESS PANELS AS REQUIRED TO PERMIT ACCESS. COORDINATE ACCESS PANEL LOCATIONS WITH THE ASSOCIATED EQUIPMENT LOCATIONS. SHOW ACCESS PANELS ON SHOP DRAWINGS. INSTALL ACCESS PANELS IN WALLS OR CEILINGS.
- COORDINATE THE LOCATION OF ROOF OPENINGS AND THE LOCATION OF ROOF MOUNTED EQUIPMENT WITH THE STRUCTURAL PLANS PRIOR TO INSTALLATION. MECHANICAL CONTRACTOR TO PROVIDE EQUIPMENT WEIGHTS, PLATFORM AND CURB SIZES AND ROOF AND WALL OPENING SIZES TO THE GENERAL CONTRACTOR.
- PLATFORMS, CURBS AND FLASHINGS FOR MECHANICAL EQUIPMENT SHALL BE AS INDICATED ON THE PLANS, UNLESS NOTED OTHERWISE.
- EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. PROVIDE FITTINGS, TRANSITIONS, DAMPERS, VALVES, DEVICES AND MATERIALS REQUIRED FOR A COMPLETE WORKING INSTALLATION.
- COORDINATE WITH ALL OTHER TRADES THE LOCATIONS OF THERMOSTATS, SENSORS AND OTHER DEVICES PRIOR TO INSTALLATION.
- MAINTENANCE LABELS SHALL BE AFFIXED TO MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL (SIX COPIES) ALONG WITH AN ELECTRONIC COPY SHALL BE PROVIDED FOR THE OWNER'S USE
- 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 CONTRACTORS NATIONAL ASSOCIATION. A COPY OF THE SMACNA STANDARDS SHALL BE KEPT AT THE JOB FOR REFERENCE BY THOSE REVIEWING THE WORK.
- FOR HANGING SUPPORTS AND BRACING OF HVAC DUCTWORK, PIPING AND EQUIPMENT. ALL SUPPORTS AND BRACING SHALL COMPLY WITH CURRENT BUILDING CODE REQUIREMENTS.
- DUCTWORK SHALL BE INSULATED OR LINED (L) AS NOTED ON DRAWINGS. ALL LINED RECTANGULAR AND ROUDDUCT SIZES INDICATED ON 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.
- PROVIDE CODE-COMPLIANT FIRE/SOUND STOPPING AT DUCT, PIPING, CONDUIT PENETRATIONS THROUGH ALL TYPES OF BUILDING CONSTRUCTION TO ACHIEVE FIRE, SMOKE, AND SOUND RATINGS, SUCH AS AT DUCT ROOF DECK PENETRATIONS ASSOCIATED WITH ROOF-MOUNTED EQUIPMENT.
- WHETHER INDICATED OR NOT ON THE MECHANICAL PLANS, MANUAL VOLUME DAMPERS SHALL BE INSTALLED AT DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES, AND REGISTERS, WHERE DAMPERS ARE NOT ACCESSIBLE ABOVE HARD LID CEILING, PROVIDE YOUNG REGULATOR REMOTE ELECTRONIC BALANCING DAMPER WITH EBD-301 RECESSED CEILING UNIT.
- 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.
- PROVIDE AUTOMATIC FIRE DAMPERS, SMOKE DAMPERS OR COMBINATION SMOKE/FIRE DAMPERS AT PENETRATIONS OF FIRE RATED CONSTRUCTION AS INDICATED ON PLANS. DAMPERS SHALL BE MANUFACTURED AND INSTALLED IN COMPLIANCE WITH CHAPTERS 7 AND 9 OF THE CALIFORNIA BUILDING CODE, AND CHAPTER 6 OF THE CALIFORNIA MECHANICAL CODE. COORDINATE WITH THE BUILDING'S FIRE ALARM SYSTEM DESIGNER.
- PROVIDE LABEL TAGS AT BOTTOM OF CEILING AND CEILING ACCESS PANELS TO INDICATE THE LOCATION AND IDENTIFICATION OF HVAC EQUIPMENT, CONTROL VALVES, FIRE AND SMOKE DAMPERS AND OTHER HVAC ITEMS ABOVE CEILING THAT REQUIRE MAINTENANCE SERVICE.
- HVAC EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION TO COMPLY WITH EFFICIENCY STANDARDS PER TITLE 24, PART 6, SECTIONS 111 AND 112.
- APPLIANCE AND PLUMBING VENTS SHALL BE AT LEAST TEN (10) FEET IN A HORIZONTAL DIRECTION, OR THREE (3) FEET ABOVE THE OUTSIDE AIR INTAKES OF ALL HVAC UNITS.
- POLLUTANT CONTROL: AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF 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 DUST, WATER, AND DEBRIS WHICH MAY ENTER THE SYSTEM.
- 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-FILTERS HAVING COMBUSTIBLE FRAMING SHALL BE TESTED AS 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.
- TEST AND BALANCE CONTRACTOR SHALL BE AN INDEPENDENT, AABC CERTIFIED, THIRD PARTY AGENT. TEST AND BALANCE CONTRACTOR 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 WORKSHEETS REQUIRED BY THIS PROJECT.
- UPON COMPLETION OF TESTING, OPERATE EQUIPMENT TO VERIFY THAT SYSTEMS FUNCTION PROPERLY. AFTER VERIFYING THE PROPER OPERATION, DEMONSTRATE THE OPERATION OF SYSTEMS AND EQUIPMENT TO THE OWNER'S REPRESENTATIVES. PROVIDE ONE WEEK NOTICE AND SCHEDULE THE DEMONSTRATION WITH THE OWNER.
- OPERATION AND MAINTENANCE MANUAL: PROVIDE THE BUILDING OWNER OR REPRESENTATIVE WITH DETAILED OPERATING AND 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.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM STRUCTURAL ENGINEER AND THE DISCTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF THE STATE ARCHITECT.
- NEW DUCTWORK SHALL NOT OBSTRUCT THE FUNCTION AND SPRAY PATTERN OF THE EXISTING FIRE SPRINKLER SYSTEM. CONTRACTOR SHALL MAINTAIN CLEARANCE AS REQUIRED PER NFPA 13, CHAPTER 8.

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

SYMBOL	MANUFACTURER & MODEL NO. (UNIT WEIGHT/LBS.)	STATUS	SERVING (PER PLAN)	LOCATION	NOMINAL CFM	DESIGN CFM	OSA	GROSS COOLING CAPACITY (BTU/H) TOTAL (BTU/H)	EER SEER	NATURAL GAS HEATING CAPACITY INPUT (BTU/H)	SUPPLY FAN E.S.P. FAN HP	VOLTAGE	AC UNIT ELECTRICAL FLA MCA MOCP	DISPOSABLE MERV 8 FILTERS	TOTAL WT.	REMARKS
	NOM. 2 TON PHE442421A (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 PHE443021A (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 PHE443021A (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 XYE054818A114111A2 (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 PHE443021A (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 PHE443021A (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 PHE443821A (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 PHE443021A (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 PHE443021A (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 PHE443021A (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 XYE054818A114111A2 (900 LBS.)	EXISTING	2159 OB LAB PEDS, 2159 ELEC. & 2164 CTRL. RM.	ROOF	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 XYE054818A114111A2 (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 PHE442421A (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

LEGEND & ABBREVIATIONS

SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT SECTION
	RAD	RETURN AIR DUCT SECTION
	MUAD	MAKE UP AIR DUCT SECTION
	EAD	EXHAUST AIR DUCT SECTION
	(L)	LINED DUCTWORK
	CD	CEILING DIFFUSER
	SAG	SIDEWALL SUPPLY AIR GRILLE
	RAG	RETURN AIR GRILLE
	EAG	EXHAUST AIR GRILLE
	FLEX. CONN.	FLEXIBLE CONNECTION
	FLEX.	INSULATED FLEXIBLE DUCT
	(E)	EXISTING WORK TO REMAIN AND REUSE
	(E)	EXISTING WORK TO BE DEMOLISHED AND REMOVED
	P.O.D.	POINT OF DISCONNECT
	P.O.C.	POINT OF CONNECTION
	T-STAT	THERMOSTAT/TEMPERATURE SENSOR
	CO2	CARBON DIOXIDE SENSOR - (CO2 IN HUMAN BREATH)
	DCV	DEMAND CONTROL VENTILATION
	BTUH	BRITISH THERMAL UNIT PER HOUR
	MBH	THOUSAND BRITISH THERMAL UNIT PER HOUR
	UIC	DOOR UNDERCUT
	DL	DOOR LOUVER
	TON	TONNAGE OF COOLING
	EER	ENERGY EFFICIENCY RATIO
	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	UTR	UP THRU ROOF
	MVD	MANUAL VOLUME DAMPER
	CFM	CUBIC FEET PER MINUTE
	ESP	FAN EXTERNAL STATIC PRESSURE
	IN. WG	INCH WATER GAUGE PRESSURE
	EFF.	EFFICIENCY
	ARI	AIR CONDITIONING & REFRIGERATION INSTITUTE
	TYP.	TYPICAL
	S.A.	SUPPLY AIR
	R.A.	RETURN AIR
	O.S.A.	OUTSIDE AIR
	IN.	INCHES
	MIN.	MINIMUM
	MAX.	MAXIMUM
	ENT.	ENTERING
	LVG.	LEAVING
	VFD	VARIABLE FREQUENCY DRIVE
	LBS.	POUNDS WEIGHT
	AC	AIR CONDITIONING UNIT
	RTU	ROOF TOP AC UNIT
	DX	DIRECT EXPANSION REFRIGERANT SYSTEM
	FLA	FULL LOAD AMPERAGE
	MCA	MINIMUM CIRCUIT AMPERAGE
	MOCP	MAXIMUM OVER CURRENT PROTECTION
	(M)	MECHANICAL
	BHP	BRAKE HORSE POWER
	TAB	TEST AND BALANCE
	(N)	NEW WORK
	FD	FIRE DAMPER
	SFD	COMBINATION SMOKE - FIRE DAMPER
	MVD	MOTORIZED CONTROL DAMPER (VVT)
	TS	TEMPERATURE SENSOR (VVT)/DUCT MOUNTED)
	PS	PRESSURE SENSOR (VVT)/DUCT MOUNTED)
	RTU	ROOF TOP UNIT CONTROLLER (VVT)
	S.S.	STAINLESS STEEL

MECHANICAL SHEET INDEX

S.No.	SHEET NUMBER	SHEET TITLE	SCALE
1	M00.001	NOTES, LEGEND AND ABBREVIATIONS	NO SCALE
2	M02.001	DEMOLITION FLOOR PLAN	1/8"=1'-0"
3	M02.002	FLOOR PLAN	1/8"=1'-0"
4	M03.001	DETAILS	NO SCALE
5	M04.001	TITLE 24	NO SCALE

MECHANICAL SCOPE OF WORK NEEDS TO BE EDITED

MECHANICAL SCOPE OF WORK SHALL INCLUDE:
 HVAC ALTERATIONS RESULTING FROM ARCHITECTURAL RECONFIGURATION OF CLASSROOMS AND SUPPORT ROOMS TO MEET THE COLLEGE REQUIREMENTS.
 ALL EXISTING ROOFTOP AC UNITS SHALL REMAIN AND BE REUSED.

WORK ON EXISTING AIR CONDITIONING UNITS TO REMAIN AND RE-USE.

FOR EXISTING AC UNIT TO REMAIN AND RE-USE, MECHANICAL CONTRACTOR SHALL CHECK ITEMS LISTED BELOW AND SEND FINDING REPORT TO ARCHITECT AND MECHANICAL ENGINEER FOR REVIEW.

AIR MOVING SYSTEMS.

- FILTER CONDITION - REPLACE ALL FILTERS.
- FAN MOTOR OPERATION.
- FAN BELT CONDITION
- FAN BEARINGS.
- FAN BEARING LUBRICATION.
- OUTSIDE AIR DAMPER OPERATION.
- FAN / SYSTEM BALANCED BASED ON 400 CFM PER TON AT 0.5" STATIC PRESSURE.

REFRIGERATION SYSTEMS.

- REFRIGERATION CHARGE - SUCTION TEMPERATURE & OPERATING PRESSURE. - DISCHARGE TEMPERATURE & OPERATING PRESSURE.
- REFRIGERATION CIRCUIT LEAKS.
- COMPRESSOR VIBRATION.
- EVAPORATOR COIL CONDITION.
- CONDENSATE DRAIN PAN CONDITION - CLEAN ALL DRAIN PANS.
- CONDENSATE DRAIN OPERATION.

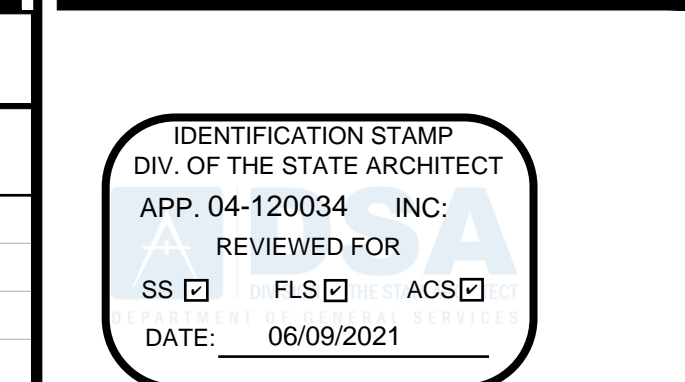
CONTROL SYSTEM.

- SYSTEM HEATING.
- SYSTEM COOLING.
- SYSTEM EQUIPMENT CONTROLLERS (THERMOSTAT)
- CHECK ALL WIRING CONNECTIONS.

AIR DISTRIBUTION SCHEDULE (UNLESS OTHERWISE NOTED ON PLANS)

TAG	MANUFACTURER & MODEL NO.	DESCRIPTION	FRAME TYPE	REMARKS
CD1	TITUS MCD BORDER 3, OR EQUAL	MODULAR CORE	LAY IN	WITH 2X2" FILLER PANEL. NO 0.8 D. PROVIDE TOP HAT FOR ROUND DUCT COLLAR.
RG2	TITUS MCD BORDER 1, OR EQUAL	MODULAR CORE	SURFACE	NO 0.8 D. PROVIDE TOP HAT FOR ROUND DUCT COLLAR.
RG1 / TG1 / EG1	TITUS S0F-NIT BORDER 3, OR EQUAL	1/2"X1/2"X1/2" CORE	LAY IN	WITH 2X2" FILLER PANEL. NO 0.8 D. PROVIDE TOP HAT FOR ROUND DUCT COLLAR.
RG2 / TG2 / EG2	TITUS S0F BORDER 1, OR EQUAL	1/2"X1/2"X1/2" CORE	SURFACE	NO 0.8 D. PROVIDE TOP HAT FOR ROUND DUCT COLLAR.

LEGEND:
 TAG
 150 CFM
 SIZE
 CD SUPPLY DIFFUSER
 SG SUPPLY GRILLE
 RG RETURN GRILLE
 TG TRANSFER GRILLE
 EG EXHAUST GRILLE



IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
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 IMPERIAL, CA 92251

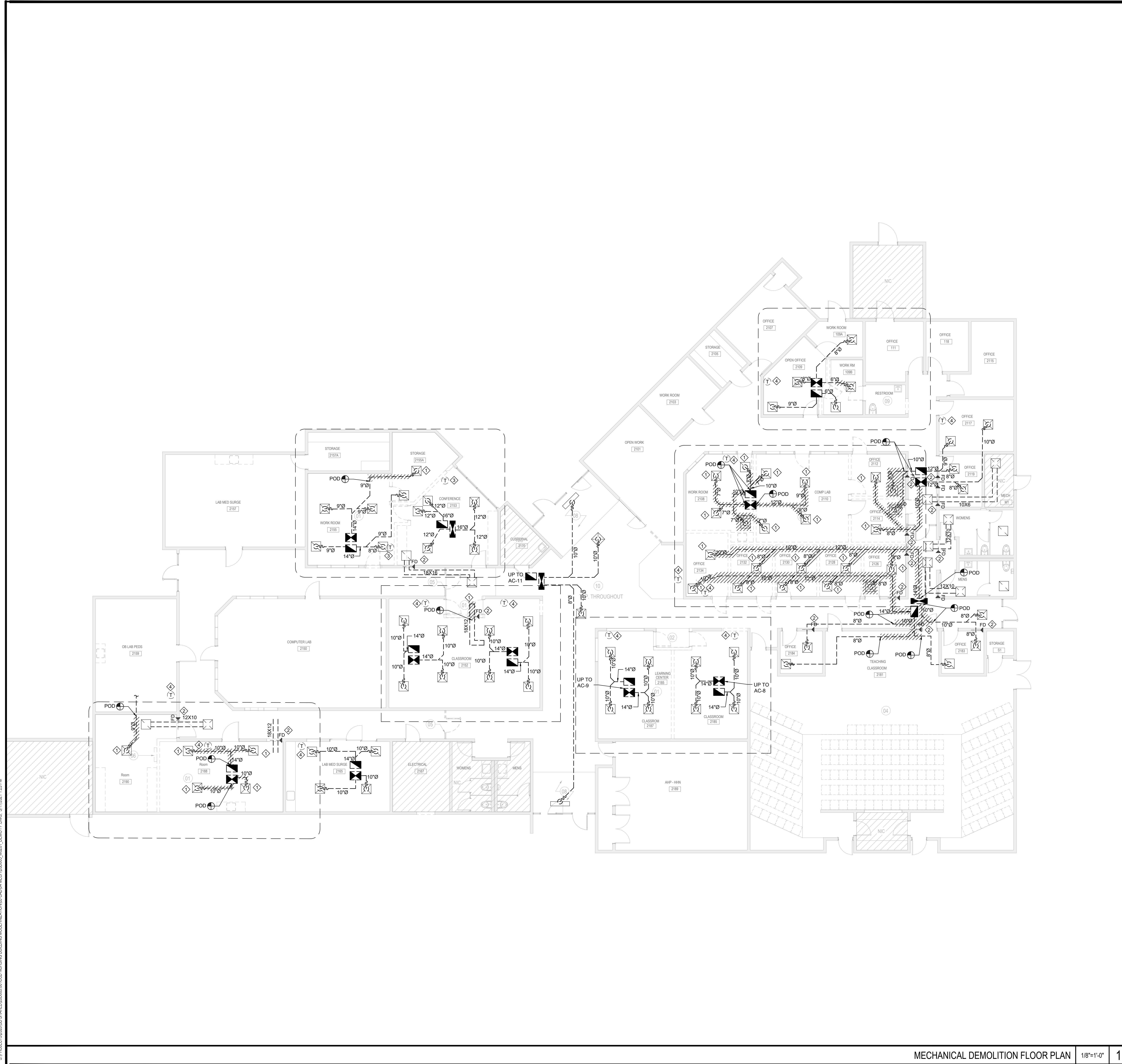
Gensler

225 Broadway Suite 100 San Diego, CA 92101 United States
 Tel: 619.557.2500 Fax: 619.557.2520



9636 TIERRA GRANDE, SUITE 200 SAN DIEGO, CA. 92126
 TEL: 619-765-6784 FAX: 658-812-2001 200005.00

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	BACKCHECK	AK



- DEMOLITION KEYNOTES**
- ◇ REMOVE EXISTING SUPPLY DIFFUSER, RETURN GRILLE, AND TRANSFER AIR GRILLE.
 - ◇ EXISTING FD DAMPER SHALL REMAIN.
 - ◇ RELOCATE AND REUSE T-STAT.
 - ◇ T-STAT TO REMAIN.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 04-120034 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

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IDS
 IDS GROUP
 9636 TIERRA GRANDE, SUITE 200
 SAN DIEGO, CA, 92126
 TEL: 619-765-6784; FAX: 658-812-2001
 202005.00

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

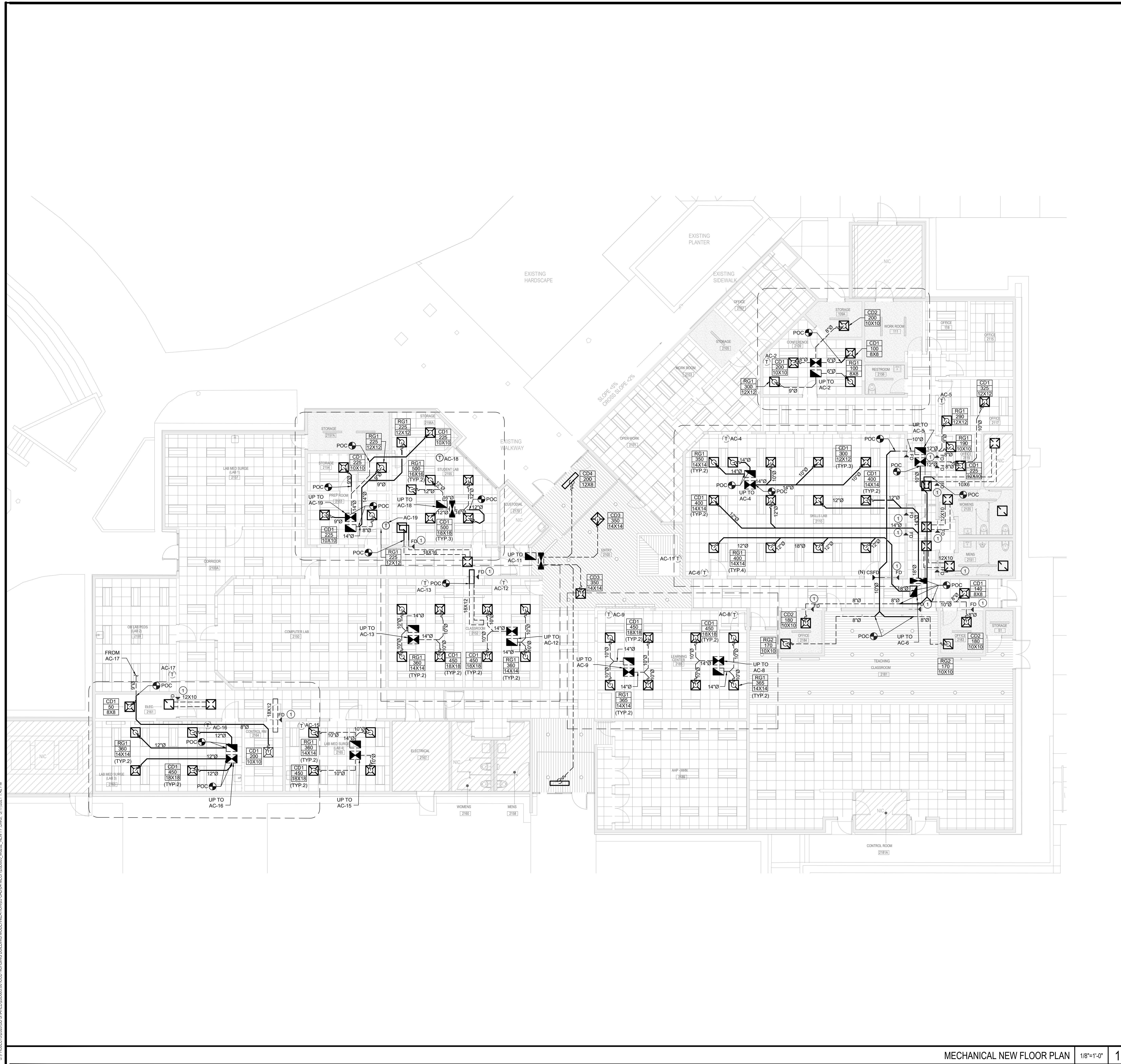
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DEMOLITION FLOOR PLAN

Scale
 As indicated

M02.001

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KEYNOTES

① EXISTING FD DAMPER SHALL REMAIN.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 04-120034 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/09/2021

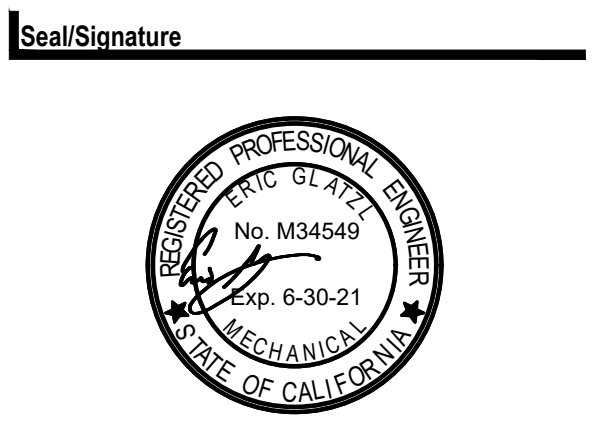
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 202005.00

Date	Description	AK SS
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03.05.2021	DESIGN DEVELOPMENT	AK SS
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05.25.2021	DSA BACKCHECK	AK SS



Project Name
 IVC - SCHOOL OF NURSING

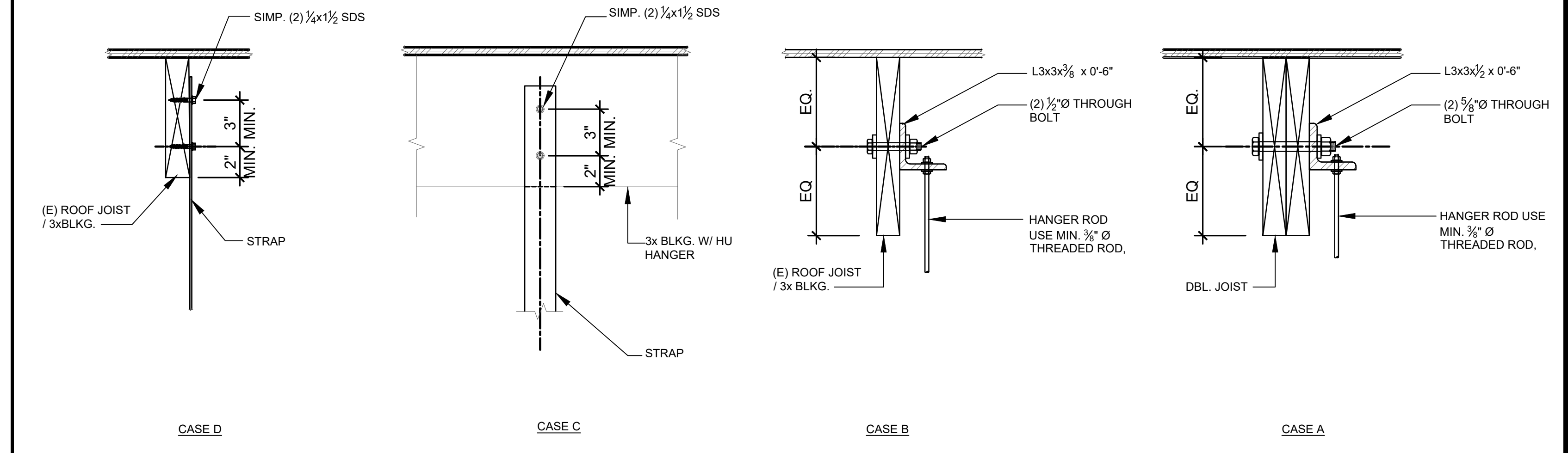
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Description
 NEW FLOOR PLAN

Scale
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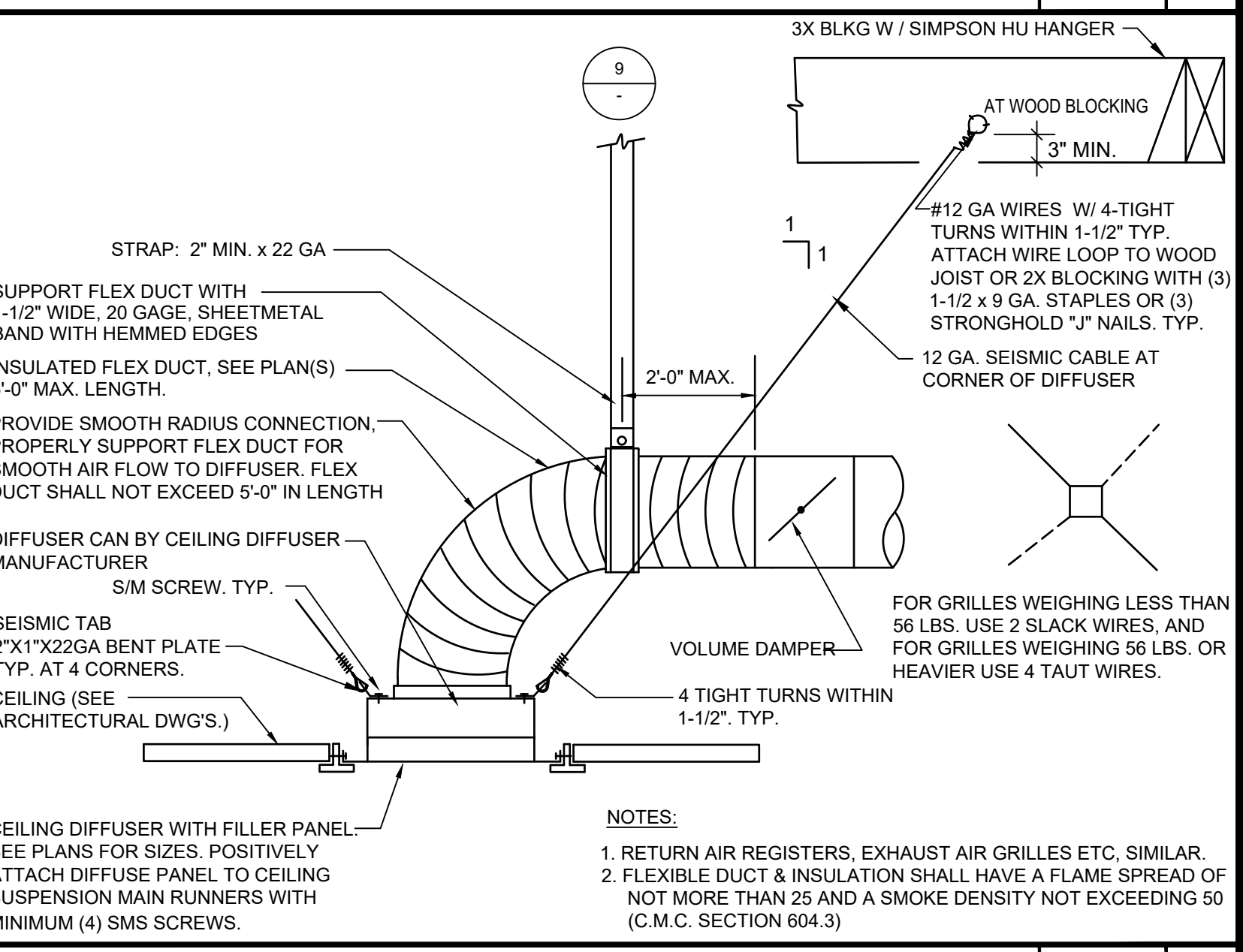
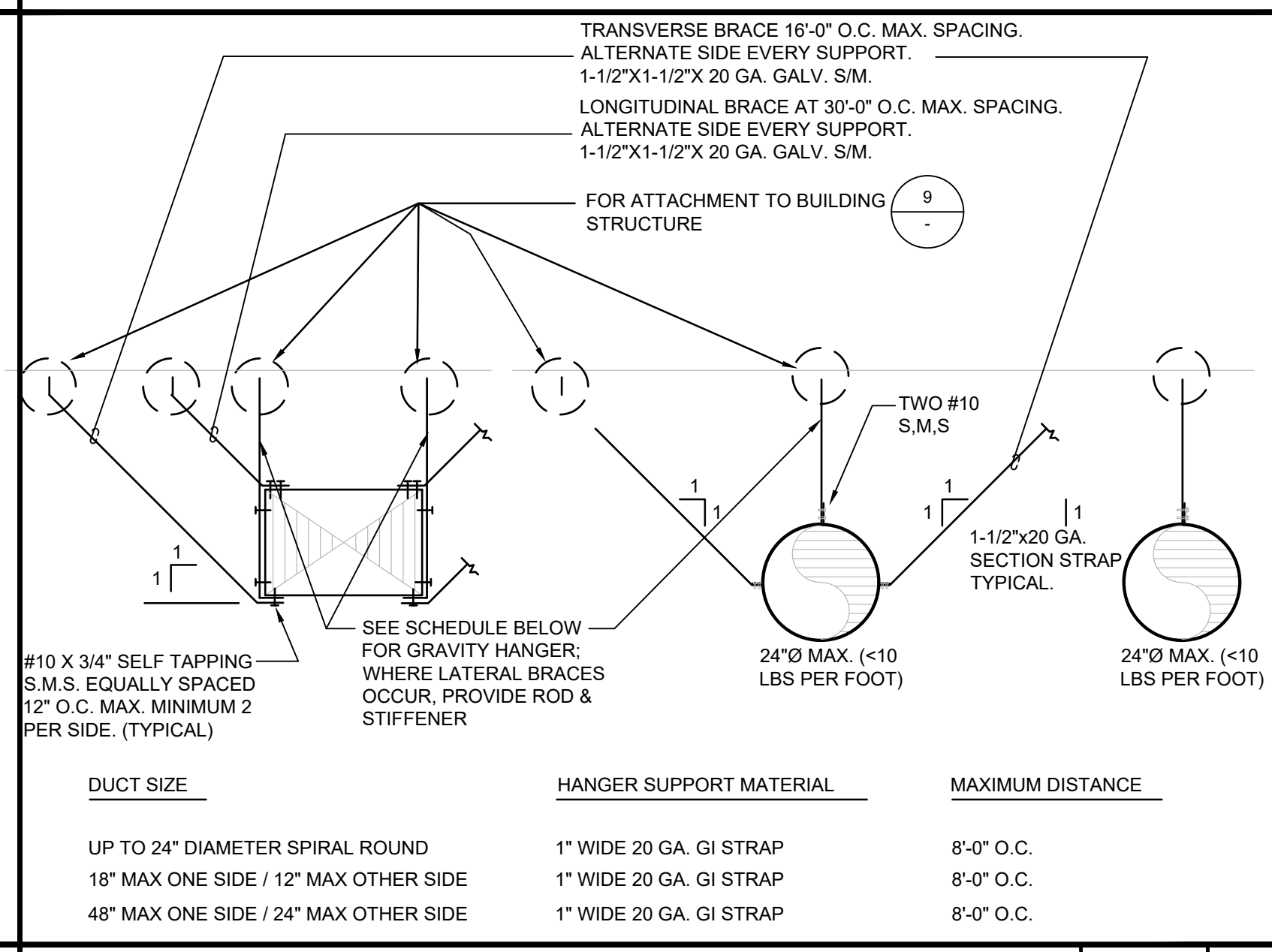
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NOT USED NO SCALE 15

NOT USED NO SCALE 11

TYP. CONNECTION TO WOOD MEMBERS NO SCALE 4

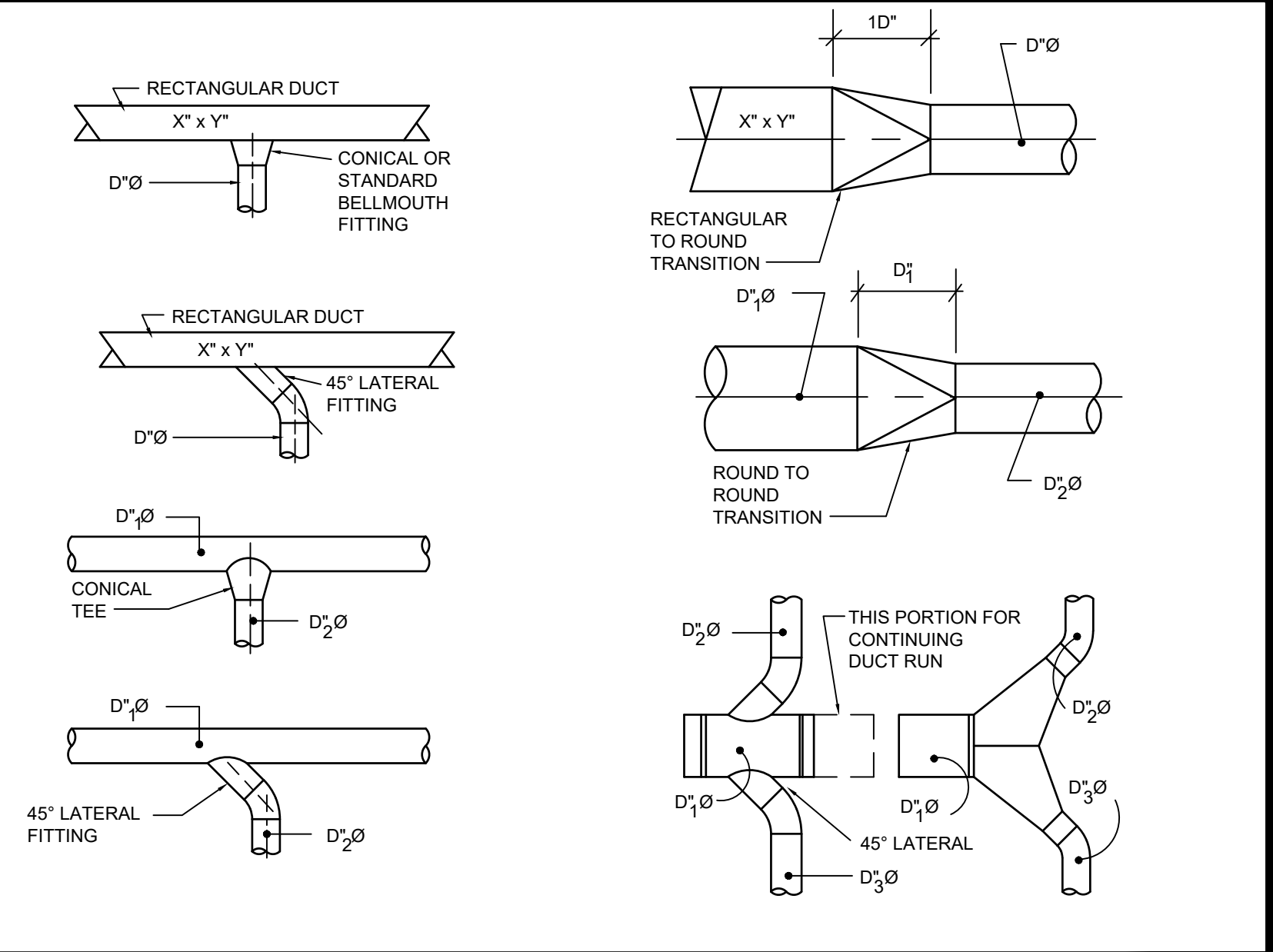
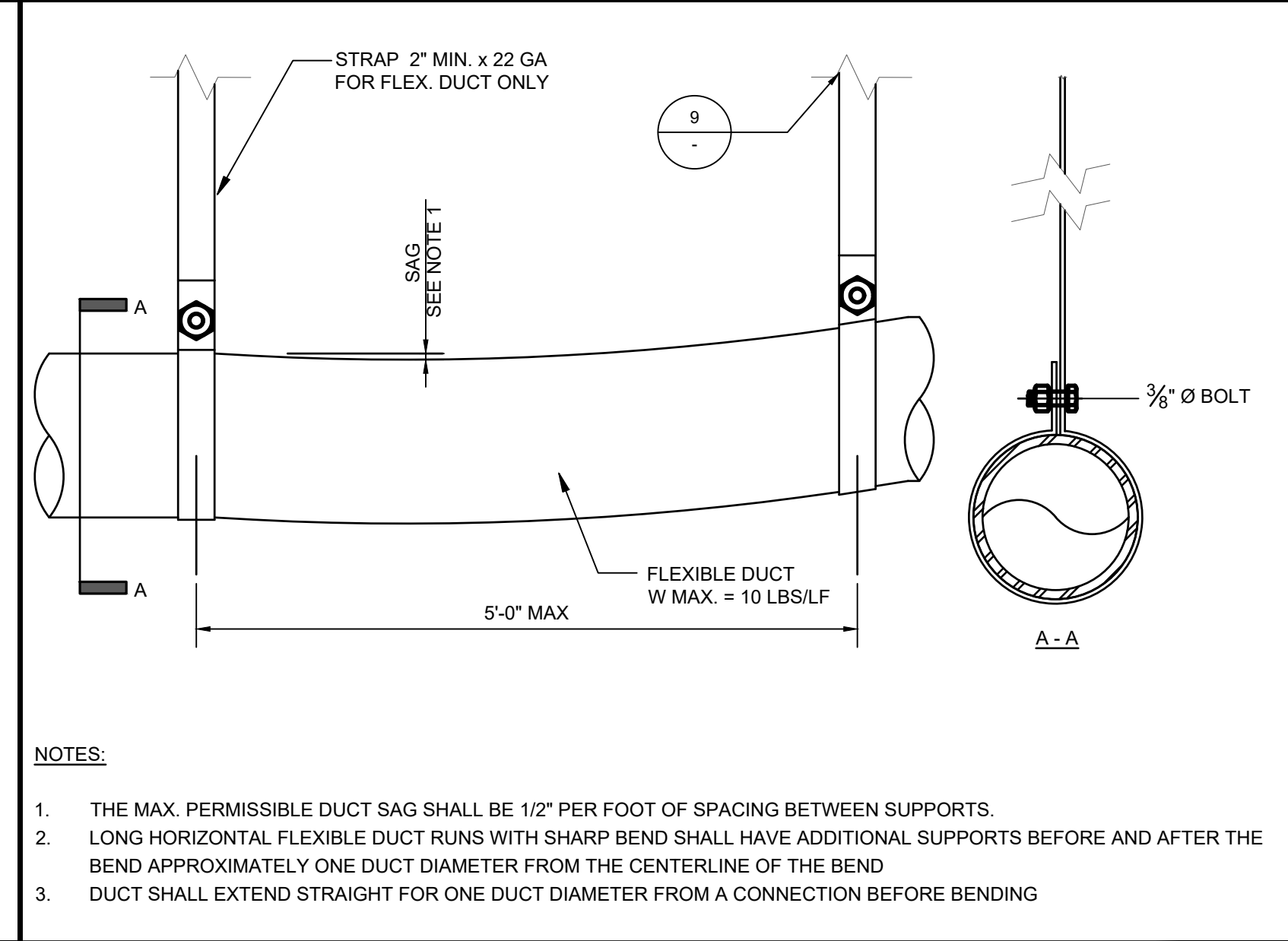


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DUCT HANGER - RECTANGULAR AND ROUND NO SCALE 7

CEILING DIFFUSER MOUNTING NO SCALE 3

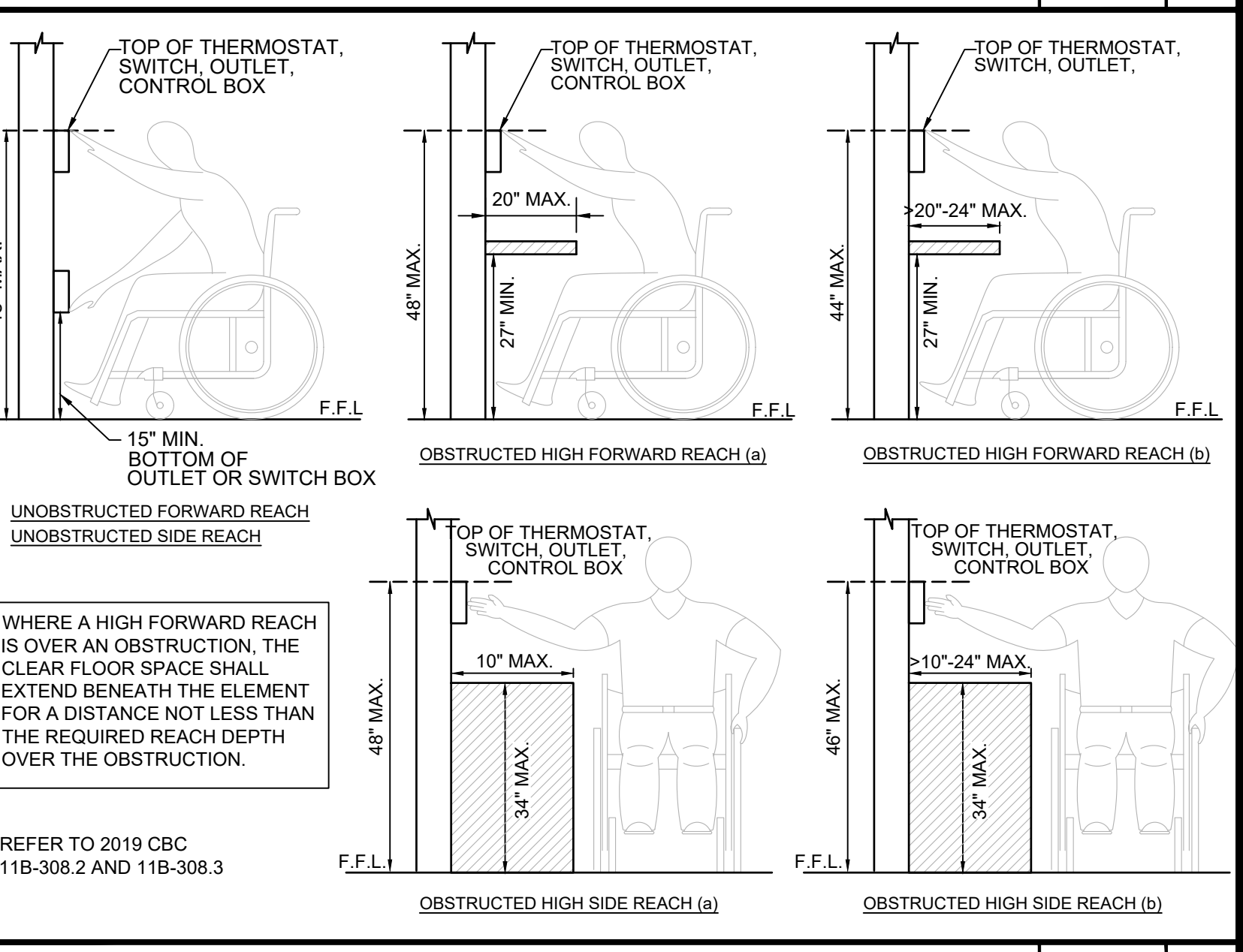
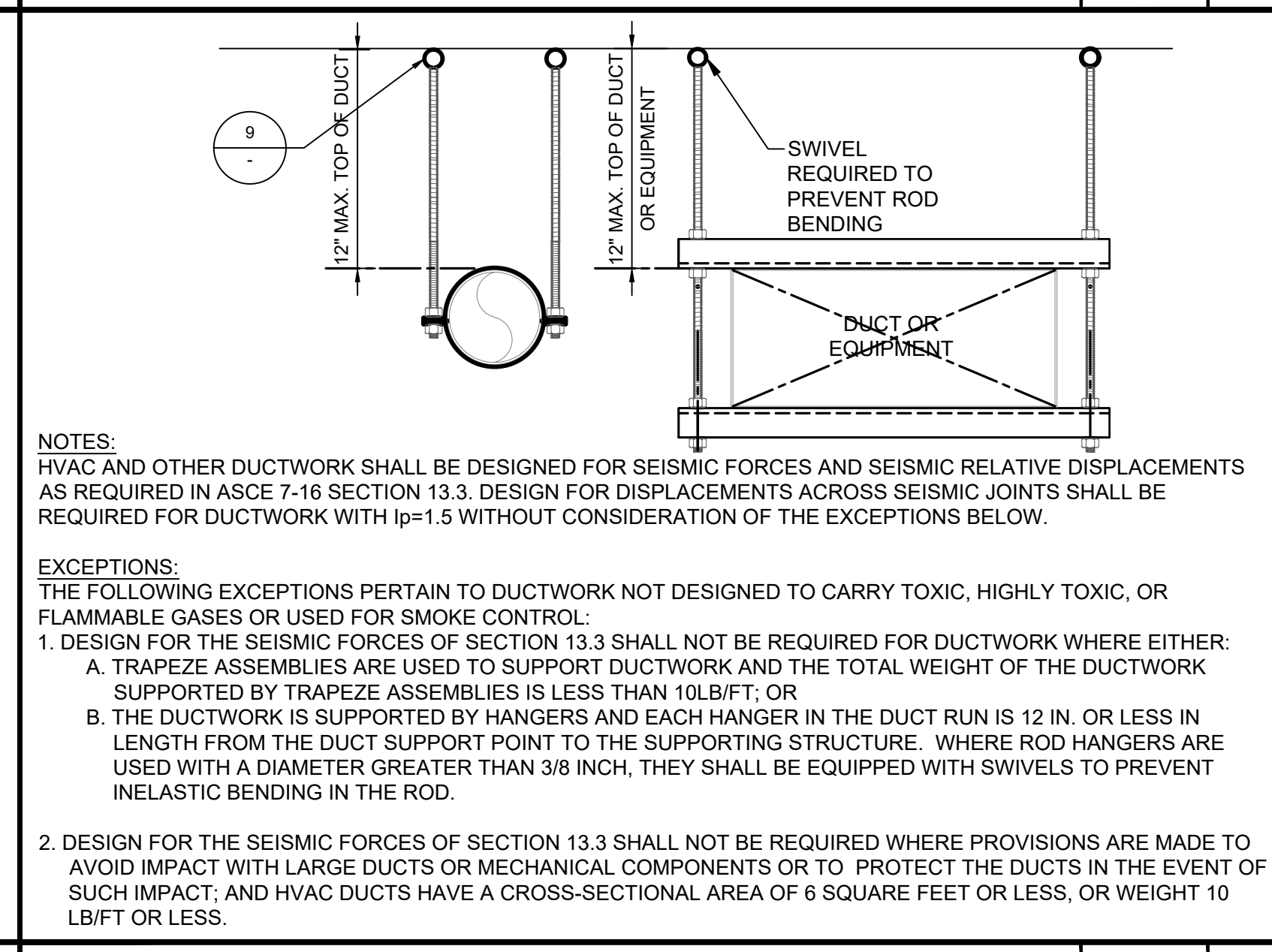


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FLEXIBLE DUCT SUPPORT NO SCALE 6

DUCT TRANSITION REQUIREMENTS NO SCALE 2



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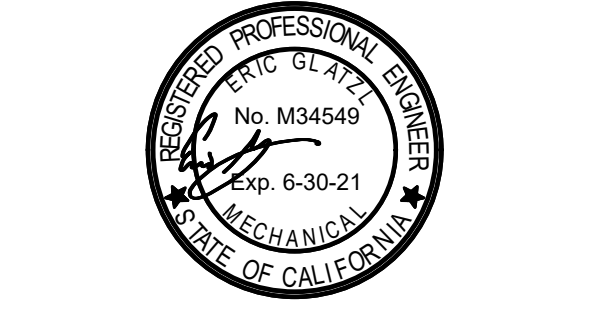
NOT USED NO SCALE 8

CRITERIA WHEN BRACING IS NOT REQUIRED FOR DUCTS NO SCALE 5

CONTROL DEVICE MOUNTING NO SCALE 1

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

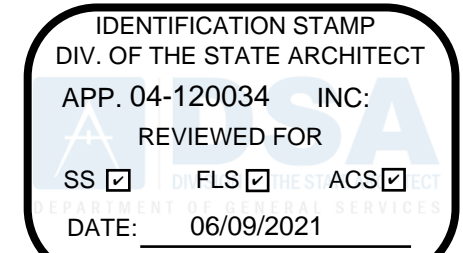
Description

DETAILS

Scale
 As indicated

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9636 TIERRA GRANDE, SUITE 200, SAN DIEGO, CA, 92126, TEL: 619-765-6784, FAX: 658-812-2001, 200005.00

Table with 3 columns: Date, Description, and AK/SS. Rows include: 02.05.2021 SCHEMATIC DESIGN AK | SS, 03.05.2021 DESIGN DEVELOPMENT AK | SS, 04.15.2021 DSA SUBMITTAL AK | WK | SS, 05.25.2021 DSA BACKCHECK AK | SS

Seal/Signature



Project Name: IVC - SCHOOL OF NURSING

Project Number: 055.7853.000

Description

TITLE 24

Scale: As indicated

M04.001

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Mechanical Systems Certificate of Compliance, Page 1 of 8. Includes sections: A. GENERAL INFORMATION, B. PROJECT SCOPE, C. COMPLIANCE RESULTS. Project Name: ICCD Nursing Building Modernization, Project Address: 380 E Aten Rd, Imperial, CA 92251.

Mechanical Systems Certificate of Compliance, Page 2 of 8. Includes sections: D. EXCEPTIONAL CONDITIONS, E. ADDITIONAL REMARKS, F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS), G. PUMPS, H. FAN SYSTEMS & AIR ECONOMIZERS, I. SYSTEM CONTROLS, J. VENTILATION AND INDOOR AIR QUALITY, K. TERMINAL BOX CONTROLS, L. DISTRIBUTION (DUCTWORK AND PIPING).

Mechanical Systems Certificate of Compliance, Page 3 of 8. Includes sections: M. COOLING TOWERS, N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION. Table with columns: YES, NO, Form/Title, Systems To Be Field Verified, Field Inspector (Pass/Fail).

Mechanical Systems Certificate of Compliance, Page 4 of 8. Includes section: O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE. Table with columns: YES, NO, Form/Title, Systems To Be Field Verified, Field Inspector (Pass/Fail).

Mechanical Systems Certificate of Compliance, Page 5 of 8. Includes section: P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION. Table with columns: YES, NO, Form/Title, Field Inspector (Pass/Fail).

Mechanical Systems Certificate of Compliance, Page 6 of 8. Includes section: P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION. Table with columns: YES, NO, Form/Title, Field Inspector (Pass/Fail).

Mechanical Systems Certificate of Compliance, Page 7 of 8. Includes section: Q. MANDATORY MEASURES DOCUMENTATION LOCATION. Table with columns: O1, O2, Compliance with Mandatory Measures documented through, MCH Mandatory Measures Note Block.

Mechanical Systems Certificate of Compliance, Page 8 of 8. Includes sections: DOCUMENTATION AUTHOR'S DECLARATION STATEMENT, RESPONSIBLE PERSON'S DECLARATION STATEMENT, Responsible Designer Name, Address, City/State/Zip, Signature, Date, License, Phone.

Mechanical Systems Certificate of Compliance, Page 8 of 8. Includes sections: DOCUMENTATION AUTHOR'S DECLARATION STATEMENT, RESPONSIBLE PERSON'S DECLARATION STATEMENT, Responsible Designer Name, Address, City/State/Zip, Signature, Date, License, Phone.

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PLAN CHECK NOTES

- APPLIANCE AND PLUMBING VENTS AND THE DISCHARGE OUTLET OF EXHAUST FANS SHALL BE AT LEAST TEN (10) FEET IN A HORIZONTAL DIRECTION, OR THREE (3) FEET ABOVE THE OUTSIDE-AIR INTAKES FOR THE HVAC UNITS.
- APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE PER BUILDING CODE REQUIREMENTS OR APPLICABLE MANUFACTURER INSTALLATION REQUIREMENTS.
- EXPOSED GAS 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 BUILDING SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA PLUMBING CODE FOR TESTING DRAIN, WASTE AND VENT SYSTEMS.
- CLEANOUTS FOR HORIZONTAL BUILDING STORM DRAINS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 719 OF THE CALIFORNIA PLUMBING CODE.
- ROOF DRAIN AND OVERFLOW DRAIN PIPING WITHIN THE BUILDING SHALL UTILIZE APPROVED DRAINAGE PATTERN FITTINGS.
- 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 HEIGHT ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT.
- NO GAS PIPING SHALL BE INSTALLED IN OR ON THE GROUND UNDER ANY BUILDING, STRUCTURE, OR FOUNDATION UNLESS INSTALLED IN GAS TIGHT CONDUIT.
- RAIN WATER PIPING LOCATED ON THE EXTERIOR OF A BUILDING SHALL BE NOT LESS 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.
- ROOF DRAINAGE SHALL NOT BE DISCHARGED INTO THE SANITARY WASTE SYSTEM.
- 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.

PIPE MATERIAL SCHEDULE

SERVICE	LOCATION	MATERIAL
DOMESTIC WATER	COLD WATER	- PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.
	HOT WATER	- PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER. - PROVIDE INSULATION FOR ALL HOT WATER PIPES.
RECYCLED WATER	ABOVE FLOOR	- PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.
	BELOW GRADE	- PIPING SHALL BE TYPE 'L' COPPER ASTM B88 WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22. DOMESTIC WATER.
SANITARY WASTE AND STORM DRAIN	ABOVE FLOOR	ABS PIPE. SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS.
	BELOW GRADE	ABS PIPE. SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS.
SANITARY VENT	ABOVE FLOOR	ABS PIPE. SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS.
	BELOW GRADE	ABS PIPE. SOLID WALL AND FITTINGS, SOLVENT CEMENT CONNECTIONS OR PVC SOIL AND WASTE PIPE WITH SOLVENT CEMENT CONNECTIONS.

CALIFORNIA GREEN CODE NOTES

- ALL PLUMBING FIXTURES ON PLUMBING FIXTURE AND EQUIPMENT SCHEDULE MEET THE REQUIREMENTS OF CALIFORNIA GREEN CODE 2019.
- WATER REDUCTION 5.303.2
 - WATER CONSERVING PLUMBING FIXTURES AND FITTINGS 5.303.3
 - 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
 - CPC CHAPTER 14

APPLICABLE CODES

- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA ELECTRICAL CODE
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA ENERGY CODE (TITLE 24)
- 2019 CALIFORNIA PLUMBING CODE WITH ALL APPLICABLE AMENDMENTS
- 2019 CALIFORNIA GREEN CODE WITH ALL APPLICABLE AMENDMENTS
- 2019 CALIFORNIA GREEN BUILDING CODE

GREEN BUILDING STANDARD NOTES

- 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 5.713.10.4.2.
- OPERATIONS AND MAINTENANCE SCHEDULE (OM) AS LISTED IN CGC SECTION 5.713.10.4.5 SHALL BE DELIVERED TO THE BUILDING OWNER OR REPRESENTATIVE AND THE FACILITIES OPERATOR.
- 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, CARPET AND COMPOSITION WOOD PRODUCTS. CGC 5.714.4.4.

ADA REQUIREMENTS

- WATER CLOSETS:
 - 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 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 LOCATED SO IT IS OPERABLE WITHOUT REQUIRING EXCESSIVE BODY MOVEMENT. (LOCATE ON WIDE SIDE OF WATER CLOSET).
- LAVATORIES:
 - LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29" (736.6 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 6" (228.6 mm) HIGH FROM THE FLOOR AND A MINIMUM OF 17" (431.8 mm) DEEP FROM THE FRONT OF THE LAVATORY.
 - HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
 - FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR 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 ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

ITEM	FIXTURE	ROUGH-IN CONNECTIONS						DESCRIPTION
		SOIL WASTE	VENT	HOT WATER	COLD WATER	GAS		
S-1	SINK	2"	1 1/2"	1 1/2"	1 1/2"	-	ELKAY STAINLESS STEEL COUNTER MOUNTED DROP IN SINK. VERIFY EXACT DIMENSIONS WITH ARCHITECTURAL CASE WORK. PROVIDE WITH CHICAGO FLOOR MOUNTED PEDALS WITH 626 NON-AERATED LAMINAR FLOW SPOUT WITH FLOW CONTROL IN BASE. BRASS CRAFT QUARTER TURN ANGLE STOPS.	

PLUMBING LEGEND / ABBREVIATIONS

SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION
---	WASTE PIPING (BELOW)	ABV	ABOVE ABOVE FINISHED FLOOR
---	WASTE PIPING (ABOVE)	AFF	AVERAGE BELOW
----	VENT PIPING	AVG	BUILDING CONDENSATE DRAIN
----	COLD WATER PIPING	BLDG	CEILING
----	HOT WATER PIPING	CD	CUBIC FEET PER HOUR
○	ELBOW UP	CLG	COLD WATER
○	ELBOW DOWN	CFH	DOWN
⊕	TEE PIPING DOWN	DN	DRAWING
⋈	BREAKLINE	FA	FROM ABOVE
⊕	BALL VALVE	FB	FROM BELOW
⊕	UNION	FLR	FLOOR
⊕	WALL CLEAN OUT	FT	FEET
⊕	FLOOR CLEAN OUT	GPM	GALLONS PER MINUTE
⊕	DETAIL CALL OUT	HW	HOT WATER
		HW	HOT WATER RETURN
		I.E.	INVERT ELEVATION
		IN	INCHES
		LBS	POUNDS
		QTY	QUANTITY
		SDR18	STORM DRAIN/ROOF DRAIN
		RW	RECLAIMED WATER
		OV	OVERFLOW DRAIN
		SOV	SHUT-OFF VALVE
		SQFT	SQUARE FEET
		SS	SANITARY SEWER
		TEMP	TEMPERATURE
		W	WASTE
		W	WASTE
		WCO	WALL CLEAN OUT
		FCO	FLOOR CLEAN OUT

NO LEAD REQUIREMENT

ALL MATERIALS, DEVICES, ETC., INSTALLED IN THE DOMESTIC HOT AND COLD WATER SYSTEMS SHALL COMPLY WITH CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875- AB1953

PLUMBING SHEET INDEX

SHEET NUMBER	SHEET TITLE
1	P00.001 PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
2	P02.001 PLUMBING DEMO PLAN
3	P02.002 PLUMBING REMODEL PLAN
4	P03.001 PLUMBING DETAILS

FIXTURE TESTING

TABLE 5.303.6 STANDARD FOR PLUMBING FIXTURES AND FIXTURE TESTING	
REQUIRED STANDARDS	
WATER CLOSETS (TOILETS) - FLUSHOMETER VALVE TYPE SINGLE FLUSH, MAXIMUM FLUSH VOLUME	ASME A 112.19.2/ CSA B45.1 - 1.28 GAL (4.8 L)
WATER CLOSETS (TOILETS) - FLUSHOMETER VALVE TYPE DUAL FLUSH, MAXIMUM FLUSH VOLUME	ASME A 112.19.14 AND USEPA WATERSENSE TANK-TYPE HIGH-EFFICIENCY TOILET SPECIFICATION - 1.28 GAL (4.8 L)
WATER CLOSETS (TOILETS) - TANK TYPE	USEPA WATERSENSE TANK-TYPE HIGH-EFFICIENCY TOILET SPECIFICATION
URINALS, MAXIMUM FLUSH VOLUME	ASME A 112.19.2/ CSA B45.1 - 0.5 GAL (1.9L)
PUBLIC LAVATORY FAUCETS; MAXIMUM FLOW RATE-0.5 GPM (1.9L / MIN.)	ASME A 112.18.1/CSA B125.1
PUBLIC METERING SELF-CLOSING FAUCETS; MAXIMUM WATER USE-0.25 GAL (1.0L) PER METERING CIRCLE	ASME A 112.18.1/CSA B125.1
RESIDENTIAL BATHROOM LAVATORY SINK FAUCETS; MAXIMUM FLOW RATE-1.5 GPM (5.7L / MIN.) BELOW GRADE	ASME A 112.18.1/CSA B125.1

CALGREEN MANDATORY MEASURES

FIXTURE FLOW RATES	
FIXTURE TYPE	MAXIMUM FLOW RATE
SHOWERHEADS (LOW FLOW)	2 GPM @ 60 PSI
LAVATORY FAUCETS NONRESIDENTIAL	0.4 GPM @ 60 PSI
KITCHEN FAUCETS	1.8 GPM @ 60 PSI
WASH FOUNTAINS	1.8 [RIM SPACE (IN.) / 20 GPM @ 60 PSI]
METERING FAUCETS	0.2 GALLONS / CYCLE
METERING FAUCETS FOR WASH FOUNTAINS	0.20 [RIM SPACE (IN.) / 20 GPM @ 60 PSI]
GRAVITY TANK TYPE WATER CLOSETS	1.28 GALLONS / FLUSH (1)
FLUSHOMETER TANK WATER CLOSETS	1.28 GALLONS / FLUSH (1)
FLUSHOMETER VALVE WATER CLOSETS	1.28 GALLONS / FLUSH (1)
ELECTROMECHANICAL HYDRAULIC WATER CLOSETS	1.28 GALLONS / FLUSH (1)
URINALS	0.5 GALLONS / FLUSH

(1) INCLUDES SINGLE AND DUAL FLUSH WATER CLOSETS WITH AN EFFECTIVE FLUSH OF 1.28 GALLONS OR LESS. SINGLE FLUSH TOILET - THE EFFECTIVE FLUSH VOLUME SHALL NOT EXCEED 1.28 GALLONS (4.8 LITERS). THE EFFECTIVE FLUSH VOLUME IS THE AVERAGE FLUSH VOLUME WHEN TESTED IN ACCORDANCE WITH ASME A 112.19.23.2. DUAL FLUSH TOILETS - THE EFFECTIVE FLUSH VOLUME SHALL NOT EXCEED 1.28 GALLONS (4.8 LITERS). THE EFFECTIVE FLUSH VOLUME IS DEFINED AS THE COMPOSITE, AVERAGE FLUSH VOLUME OF TWO REDUCED FLUSHES AND ONE FULL FLUSH. FLUSH VOLUMES WILL BE TESTED IN ACCORDANCE WITH ASME A 112.19.2 ASME A 112.19.14.

GENERAL NOTES

- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR HANDICAP FIXTURE LOCATIONS AND MOUNTING HEIGHTS. INSULATE ALL EXPOSED WATER AND DRAIN PIPING BELOW LAVATORIES AND SINKS WITH TRUEBERG NO. 1020 AND 1030 INSULATION KIT AND OFFSET P-TRAP TO WALL. ALL WATER CLOSET FLUSHING LEVERS SHALL BE TO THE WIDE SIDE OF THE STALL.
- TRAPS FOR ALL SINKS SHALL TRAP STRAIGHT BACK TO WALL WITH ALL REQUIRED OFFSETS HAPPENING WITHIN THE WALL.
- PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND THE ELECTR. LIGHTING LAYOUT.
- CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC., AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH ALL APPLICABLE CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITY. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT.
- BEFORE FABRICATION OR INSTALLATION THIS CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT PROVIDED UNDER ANOTHER SECTION OF SPECIFICATIONS. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
- WASTE AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
- VALVES, TRAP PRIMER, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL AREAS DAMAGED BY HIS OPERATIONS.
- EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR.
- EXISTING PIPING, FIXTURES AND EQUIPMENT THAT IS REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. WL1001. SEE ARCHITECTURAL PLANS FOR ALL LOCATIONS.
- ANCHORAGE DETAILS FOR EQUIPMENT WHICH ARE NOT APPROVED DURING PLAN REVIEW ARE SUBJECT TO APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND STRUCTURAL ENGINEER PRIOR TO INSTALLATION AND INSPECTION BY THE PROJECT INSPECTOR.
- HOT WATER PIPING SHALL BE INSULATED IN ACCORDANCE WITH SECTION 123, TABLE 1-G OF THE TITLE 24 REGULATIONS.
- ITEMS NOT SPECIFIED OR SHOWN IN THE DRAWINGS OR SPECIFICATIONS BUT NECESSARY FOR THE COMPLETE CODE APPROVED INSTALLATION OR FOR COMPLETE OPERATION OF THE SYSTEMS INSTALLATION SHALL BE PROVIDED AS REQUIRED AT NO ADDED COST TO THE OWNER.
- PIPE SIZES SHALL BE THE SAME AS THE UPSTREAM PIPE SIZES UNLESS OTHERWISE INDICATED ON PLAN.
- UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS A STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL STRUCTURAL ENGINEER OR RECORD AND DSA PRIOR START WORK.
- CLEANOUTS SHALL BE INSTALLED AS PER SECTION 707.0 AND 719.0 OF THE PLUMBING CODE.
- EACH PLUMBING VENT SHALL TERMINATE NOT LESS THAN TEN FEET FROM OR AT LEAST THREE FEET ABOVE ANY WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT.
- WATER CLOSET BOWLS FOR PUBLIC USE SHALL BE OF THE ELONGATED TYPE.
- PROVIDE TRAP PRIMERS AT FLOOR DRAINS AND SINKS TO MAINTAIN WATER SEALS.
- POTABLE WATER SYSTEMS ON THIS PROJECT SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 909.9 OF THE PLUMBING CODE.
- PLUMBING DRAWINGS ARE DIAGRAMMATIC. THE LOCATION AND ELEVATION OF ALL PLUMBING PIPING IS APPROXIMATE AND SHALL BE VERIFIED AND COORDINATED WITH ALL OTHER TRADES, STRUCTURAL CONDITIONS, AND BUILDING CONSTRUCTION PRIOR TO START INSTALLATION.

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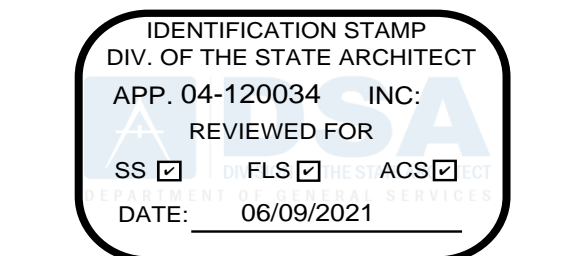
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202005.00



Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name

IVC - SCHOOL OF NURSING

Project Number

055.7853.000

Description

NOTES, LEGEND AND ABBREVIATION

Scale

As indicated

P00.001

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
- ◇ 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.
- ◇ CAP EXISTING WATER LINES
- ◇ REMOVE EXISTING FIXTURES FOR RELOCATION

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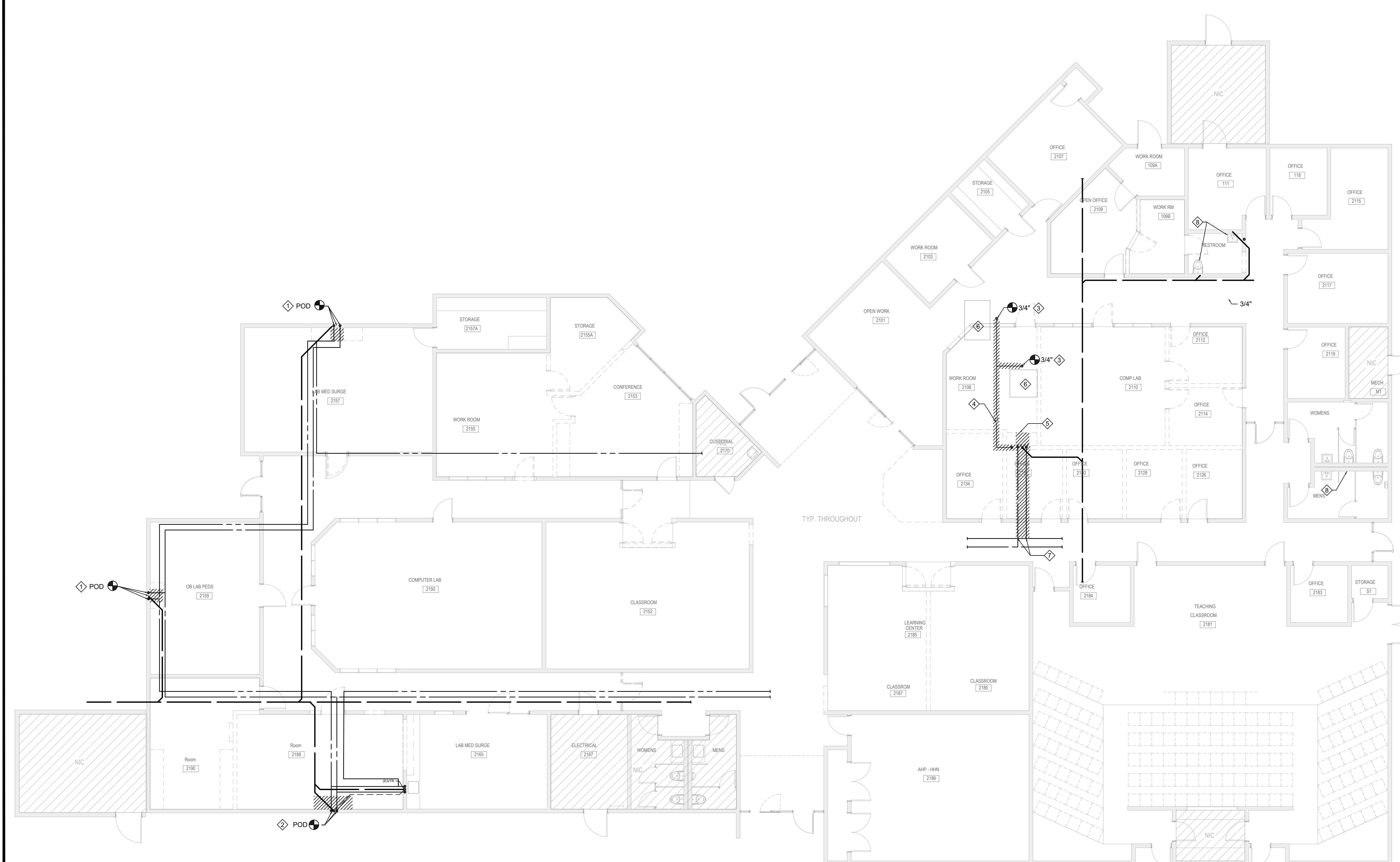
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APP. 04-120034 INC.
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SS FLS ACS
DATE: 06/09/2021



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Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
DEMOLITION FLOOR PLAN

Scale
As indicated

P02.001

KEYNOTES

- ① CONNECT NEW SINK AND FAUCET TO EXISTING UTILITIES IN WALL.
- ② NEW SINK LOCATION POC TO UTILITIES ABOVE CEILING AND BELOW FLOOR - VERIFY EXACT LOCATIONS IN FIELD.
- ③ CONNECT CONDENSATE TO TAIL PIECE OF SINK PER DETAIL#
- ④ LOCATION OF EXISTING MECHANICAL EQUIPMENT ABOVE.
- ⑤ CONNECT NEW CONDENSATE DRAIN LINES TO EXISTING ROOF PENETRATIONS.
- ⑥ RE WORK EXISTING UTILITIES IN WALL TO FACILITATE RELOCATION OF EXISTING FIXTURES PER ARCHITECTURAL DIMENSIONS.

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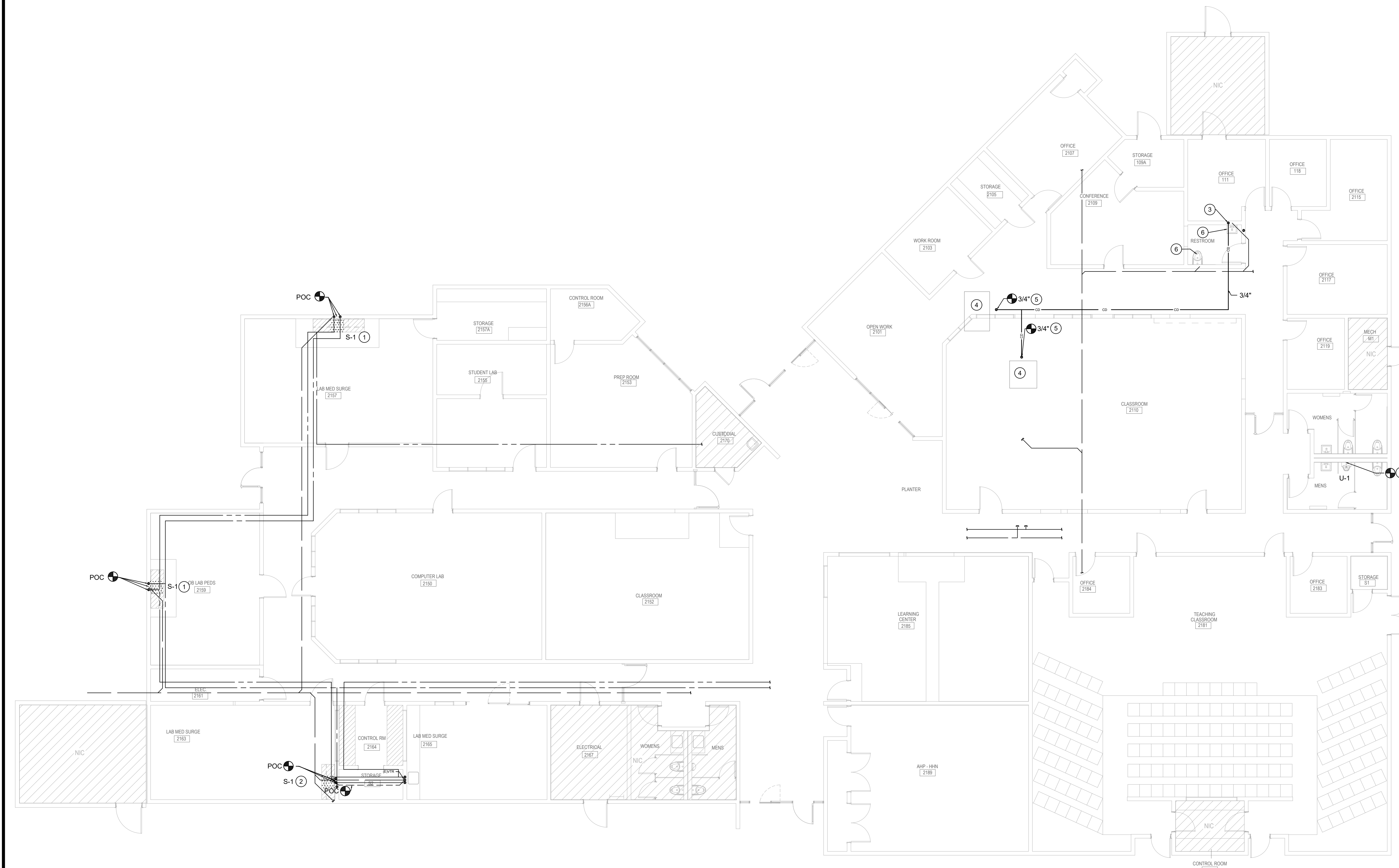
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Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
FLOOR PLAN

Scale
As indicated

P02.002

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							<p>NOTE: INSTALL CIRCULATING PUMP AS RECOMMEND BY PUMP MANUFACTURER</p> <p>CONDENSATE LINE IN WALL BY PLUMBING CONTRACTOR</p> <p>(E) SINK</p> <p>(E) TAILPIECE FROM SINK</p> <p>APPROVED FITTING (1 1/4" CHROME PLATED)</p> <p>(E) WALL</p> <p>CLEAR HOSE STAINLESS HOSE CLAMP</p>				
TITLE	NO SCALE	14	TITLE	NO SCALE	10	DRYWELL DETAIL	NO SCALE	7	CONDENSATE TO LAV/SINK TAILPIECE DETAIL	NO SCALE	3
									<p>BRASS CLEANOUT PLUG (THREADED)</p> <p>A/C UNIT</p> <p>INSULATED STEEL DRAIN PAN</p> <p>UNION (TYP.)</p> <p>FLEXIBLE CONNECTION</p> <p>CPVC PIPE</p> <p>CPVC CONDENSATE DRAIN. SEE PLANS FOR CONT. OF PIPING</p> <p>H/2 MIN.</p> <p>NOTES: H= FAN INLET PRESSURE (IN W.C.) +1", BUT NOT LESS THAN 2"</p> <p>DETAIL "A"</p> <p>(E) CD PIPE OR NEW COPPER CD PIPE</p>		
TITLE	NO SCALE	13	TITLE	NO SCALE	10	TITLE	NO SCALE	10	CONDENSATE DETAIL	NO SCALE	5
TITLE	NO SCALE	12	TITLE	NO SCALE	9	TITLE	NO SCALE	10	CONDENSING UNIT MOUNTING DETAIL	NO SCALE	2
									<p>BRASS CLEANOUT PLUG W/ COUNTER-SUNK HEAD</p> <p>FINISHED FLOOR</p> <p>1/8 C.I. BEND</p> <p>4 BAND STAINLESS STEEL NO HUB SHIELDED COUPLING</p> <p>C.I. WASTE LINE, LENGTH TO SUIT.</p>		
TITLE	NO SCALE	11	TITLE	NO SCALE	10	TITLE	NO SCALE	10	FLOOR CLEANOUT DETAIL	NO SCALE	1

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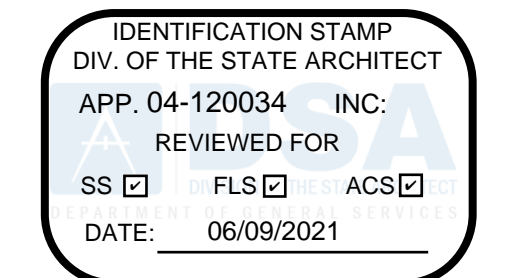
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Seal/Signature



Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description

DETAILS

Scale
As indicated

P03.001

ELECTRICAL SYMBOL LIST

LIGHTING	
	LINEAR LED FIXTURE
	LINEAR LED FIXTURE
	SUSPENDED LINEAR LED FIXTURE
	LED WALL MOUNT FIXTURE
	LINEAR LED STRIP FIXTURE
	LIGHT FIXTURE - RECESSED OR SURFACE
	PENDANT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	WALL SCONCE
	WALL WASHER
	LETTER REFERS TO FIXTURE TYPE
	MONO-POINT LIGHT FIXTURE
	PARKING LOT POLE MOUNTED LIGHT FIXTURE
	EXIT SIGN - CEILING MOUNTED
	EXIT SIGN - WALL MOUNTED
	EXIT SIGN - W/ARROWS INDICATE DIRECTION
	BUG EYE FIXTURE WITH 90 MIN BATTERY PACK
	LIGHTING FIXTURE NOTATION A, 1, b INDICATES: L-1 = FIXTURE TYPE, REFER TO SCHEDULE 1 = CIRCUIT NUMBER b = SWITCH CONTROLLING FIXTURE ab = BI-LEVEL/DUAL SWITCH CONTROL
	HALF SHADED FIXTURE FURNISHED WITH EMERGENCY 90-MINUTE BATTERY PACK, UNSWITCHED CIRCUIT TO BATTERY CHARGER.
	WALL SWITCH, +48" OR AS NOTED; SUBSCRIPTS AT SYMBOL INDICATE THE FOLLOWING: 2 - DOUBLE POLE (20A, 120/277V) 3 - THREE WAY (20A, 120/277V) 4 - FOUR WAY (20A, 120/277V) K - KEY OPERATED (20A, 120/277V) P - PILOT LIGHT (20A, 120/277V) R - REMOTE CONTROL SWITCH (20A, 120/277V) M - MOTOR STARTING SWITCH (20A, 120/277V) T - TIMER SWITCH (0-60 MIN.) (20A, 120/277V)
	OCCUPANCY SENSOR - CEILING
	OCCUPANCY SENSOR - WALL MOUNTED
	OCCUPANCY SENSOR w/DIMMER - WALL MOUNTED
	LIGHTING CONTACTOR
	PHOTOCELL
	LIGHTING CONTROL POWER PACK

POWER	
	SINGLE RECEPTACLE, NEMA 5-20R, 20A, 125V
	DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V
	DUPLEX RECEPTACLE / HALF-SWITCHED
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - VERIFY MOUNTING HEIGHT
	GFCI RECEPTACLE, ABOVE COUNTER
	SPECIAL PURPOSE OUTLET (TYPE AS NOTED)
	DUPLEX RECEPTACLE NEMA 5-20R, 20A, 125V - FLUSH MOUNT CEILING FLOOR OUTLET w/ DEVICE AS INDICATED
	COMBINATION FLOOR OUTLET w/ DEVICES AS INDICATED
	JUNCTION BOX
	JUNCTION BOX - WALL MOUNT
	JUNCTION BOX - FLUSH FLOOR MOUNT
	MULTI-OUTLET SURFACE RACEWAY w/ NEMA 5-20R, 20A, 125V AT 12" ON CENTER, U.N.O.
	PULLBOX - EXTERIOR OR INTERIOR AS INDICATED
	LIGHTING AND APPLIANCE PANELBOARD - SURFACE MOUNT
	LIGHTING AND APPLIANCE PANELBOARD - FLUSH MOUNT
	SWITCHBOARD OR DISTRIBUTION BOARD
	AUTOMATIC TRANSFER SWITCH
	METER SERVICE PEDESTAL
	PUSH BUTTON CONTROL STATION
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR CONTROLLER OR STARTER
	COMBINATION CONTROLLER/DISCONNECT SWITCH

SIGNAL	
	THERMOSTAT OUTLET AT +54" (HVAC UNIT DESIGNATION)
	POWER TRANSFORMER, SIZE AND TYPE NOTED ON PLANS AND SPECIFICATIONS
	TELEPHONE TERMINAL CABINET AT +72" TO TOP
	TELEPHONE BACKBOARD
	TELEPHONE OUTLET AT +18"
	DATA OUTLET AT +18"
	COMBINATION TELE/COMPUTER OUTLET AT +18"
	TELEPHONE OUTLET ABOVE COUNTER
	TELE/ DATA OUTLET ABOVE COUNTER
	DATA OUTLET ABOVE COUNTER
	FLUSH FLOOR BOX WITH COMBINATION TELE/ DATA OUTLET
	TELEVISION OUTLET
	TELEVISION CAMERA (CCTV)
	CARD READER
	WIRELESS ACCESS POINT

SINGLE LINE DIAGRAM	
	CIRCUIT BREAKER
	SERVICE CABLE TERMINATION
	FUSE
	FUSED DISCONNECT SWITCH
	SWITCH
	SURGE SUPPRESSOR
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	GROUNDING ELECTRODE
	POWER METER
	MOTOR
	GENERATOR
	SHUNT TRIP
	GROUND FAULT INTERRUPT
	TRANSFER SWITCH
	CONTACT (NORMALLY OPEN)
	CONTACT (NORMALLY CLOSED)
	TIME SWITCH
	CONTROL SWITCH
	PUSH BUTTON

WIRING	
	CONDUIT ROUTED UNDERFLOOR / UNDERGROUND
	RACEWAY w/#12 CONDUCTORS UNO
	RACEWAY TURNED UP
	RACEWAY TURNED DOWN
	HOMERUN TO PANELBOARD 1/2" W/3#12 CONDUCTORS UNO
	CONDUIT CAP-OFF

MISCELLANEOUS	
	MECHANICAL EQUIPMENT TAG
	DIAGRAM TAG
	KEYNOTE SYMBOLS
	REVISION SYMBOL
	FEEDER SCHEDULED EQUIPMENT
	ELECTRICAL EQUIPMENT TAG
	LIGHT FIXTURE TAG

GENERAL ELECTRICAL NOTES

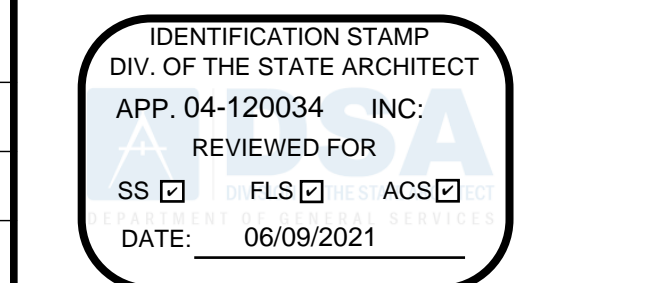
- SYMBOLS ARE NOT NECESSARILY USED IN THIS PROJECT.
- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. THE ENGINEER RESERVES THE RIGHT TO ALLOW OTHER METHODS AND MATERIALS NOT REFLECTED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO REQUEST THE ENGINEER WAIVE THE STANDARDS TO ALLOW ALTERNATE MEANS AND METHODS PRIOR TO BEGINNING THE PROJECT. CONTRACT DOCUMENT REVISIONS TO ACCOMMODATE INSTALLED CONDITIONS, WITHOUT PRIOR APPROVAL, WILL RESULT IN ADDITIONAL DESIGN CHARGES TO THE CONTRACTOR.
- ELECTRICAL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE NECA INSTALLATION STANDARDS TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE CURRENTLY ACCEPTED EDITION OF APPLICABLE NATIONAL, STATE AND CITY CODES AND ORDINANCES.
- ELECTRICAL SYSTEM COMPONENTS SHALL BE LISTED OR LABELED BY UL OR OTHER NATIONALLY RECOGNIZED TESTING FACILITY AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
- WHERE AN APPARENT DISCREPANCY EXISTS BETWEEN THE REQUIREMENTS OF THE GENERAL NOTES AND INFORMATION PORTRAYED IN THE ELECTRICAL DRAWINGS, THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF THE GREATER QUALITY OR QUANTITY.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND VERIFY EXISTING CONDITIONS. CONTRACTOR SHALL INCLUDE IN BASE BID COSTS REQUIRED FOR PERMITS AND INSPECTIONS.
- CONTRACTOR SHALL VERIFY, WITH OWNER'S REPRESENTATIVE PRIOR TO SUBMITTING BID, ALLOWABLE WORKING HOURS, EMPLOYEE PARKING AREAS, MATERIAL DELIVERY, STORAGE REQUIREMENTS, DEMOLITION AND REMOVAL OF CONSTRUCTION DEBRIS, AS WELL AS DAILY CLEAN UP REQUIREMENTS. INCLUDE COSTS IN BID FOR DUST BARRIERS, DUMPSTERS ETC. AS REQUIRED FOR THE DURATION OF THE PROJECT. PERFORM WORK AS DIRECTED BY OWNER'S REPRESENTATIVE AND ARCHITECT.
- ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE NECESSARY CORRECTIONS.
- CONTRACTOR SHALL GUARANTEE WORK AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY CORRECTED BY CONTRACTOR WITHOUT ADDITIONAL CHARGE TO OWNER.
- PROVIDE AS-BUILT DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ACCURATE CONDUIT AND DEVICE LOCATIONS DIMENSIONED FROM PERMANENT LANDMARKS SUCH AS BUILDING WALLS.
- DO NOT SCALE ELECTRICAL DRAWINGS. VERIFY EXACT LOCATION OF ALL DEVICES, JUNCTION BOXES, LIGHTING FIXTURES, WITH ARCHITECTURAL AND INTERIOR DESIGN DRAWINGS PRIOR TO INSTALLATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL EQUIPMENT AND OTHER EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ROUGH-IN. EVERY OUTLET HEIGHT SHALL BE VERIFIED ON EACH WALL WITH THE INTERIOR PLANNING AND DESIGN DRAWINGS. COORDINATE WITH CABINET SHOP DRAWINGS TO ENSURE PROPER HEIGHT AND LOCATION WITH RESPECT TO MILLWORK, EQUIPMENT.
- THESE DRAWINGS INDICATE THE FINISHED REQUIREMENTS FOR THE ELECTRICAL SYSTEMS, EQUIPMENT, LIGHTING FIXTURES, OUTLETS AND DEVICES. DUE TO STRUCTURAL CONDITIONS, MECHANICAL DUCT, PIPING CONFLICTS, OR OTHER LEGITIMATE REASONS, THE CONTRACTOR MAY DESIRE TO INSTALL THE WORK INDICATED IN A MANNER DIFFERENT FROM THAT SHOWN. SUCH CHANGES SHALL BE PRESENTED TO THE OWNER'S 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 INSTALLED.
- RACEWAY SYSTEMS ARE SHOWN DIAGRAMMATICALLY. ACTUAL LOCATION AND ROUTING SHALL BE DETERMINED BY CONTRACTOR TO SUIT FIELD CONDITIONS.
- PROVIDE DEDICATED NEUTRAL FOR EACH NEW CIRCUIT. HOME RUN CONDUCTORS MAY BE COMBINED INTO ONE CONDUIT. NO RACEWAY OR CABLE SHALL CONTAIN MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS. WHERE MULTIPLE CONDUCTORS IN EXCESS OF THREE (3) ARE INDICATED ON THESE DRAWINGS, THEY HAVE BEEN DERATED AS REQUIRED BY NEC ARTICLE 310 REQUIREMENTS.
- PLASTIC CABLE TIES SHALL NOT BE USED AS A MEANS OF SUPPORT FOR MC CABLE. USE ONLY APPROVED CABLE SUPPORTS PER CABLE MANUFACTURER'S INSTALLATION REQUIREMENTS.
- MINIMUM RACEWAY SIZE SHALL BE 3/4". MINIMUM HOMERUN SIZE SHALL BE 3/4". MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG U.N.O. TYPICAL. POWER RELATED CONDUITS SHALL HAVE A CODE SIZE GROUND WIRE INSTALLED IN EACH RUN.
- CONTRACTOR SHALL PROVIDE PULL CORDS IN ALL EMPTY CONDUITS. WHERE MORE THAN ONE CONDUIT TERMINATES IN A JUNCTION BOX, THE CONTRACTOR SHALL IDENTIFY EACH CONDUIT AND JUNCTION BOX IN A MANNER ALLOWING IDENTIFICATION AFTER WALL FINISHES HAVE BEEN APPLIED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECT SIZE AND INSTALLATION 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 DRAWINGS. BOXES SHALL BE RECESSED WITH COVER PLATE TO SUIT THE INTENDED APPLICATION.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN(S) FOR EXACT LOCATION OF CEILING MOUNTED LIGHTING FIXTURES. ARCHITECTURAL DRAWINGS SHALL GOVERN IN CASE OF CONFLICT WITH THESE DRAWINGS PRIOR TO INSTALLATION. CONTRACTOR SHALL REVIEW THE COMPLETE SET OF CONSTRUCTION DOCUMENTS FOR CONFLICTS WITH OTHER TRADES. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WORK WITH OTHER TRADES TO AVOID CONFLICT DURING INSTALLATION. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS IN EQUIPMENT LOCATION AND ROUTING AS NECESSARY.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY CUT AND PATCH EXISTING CONSTRUCTION AS REQUIRED TO INSTALL NEW ELECTRICAL WORK. PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP AND FINISH AS THE EXISTING WORK AND SHALL ACCURATELY MATCH SURROUNDING WORK TO THE SATISFACTION OF THE ARCHITECT.
- ELECTRICAL EQUIPMENT SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS TO ACCOMMODATE QUANTITY AND SIZE OF CONDUCTORS REQUIRED. CONTRACTORS SHALL PROVIDE EQUIPMENT WITH OVERSIZED ENCLOSURES WHERE REQUIRED.
- NEW PANELBOARDS AND SWITCHBOARDS SHALL BE OF THE SAME MANUFACTURER AND HAVE LOCKING DOORS AND BE KEYPED THE SAME U.N.O.

- PROVIDE TYPE WRITTEN UPDATED PANEL DIRECTORY TO BE MOUNTED ON INSIDE OF PANEL DOOR COVERS. DIRECTORY SHALL REFLECT ADDITIONS OR MODIFICATIONS TO EXISTING PANELS AND SHALL REFLECT ACTUAL "AS-BUILT" CONDITIONS.
- VERIFY DEVICE COLOR AND MOUNTING ORIENTATION (VERTICAL OR HORIZONTAL) WITH ARCHITECTURAL AND INTERIOR DESIGN DRAWINGS PRIOR TO ORDERING ANY EQUIPMENT AND PROVIDE DEVICES AS REQUIRED. UNLESS NOTED OTHERWISE, DEVICES AND DEVICE PLATES SHALL BE WHITE IN COLOR.
- WHERE MOTORS ARE INSTALLED IN SUSPENDED CEILINGS, CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH IN SUSPENDED CEILING WITHIN REACH FROM ACCESS POINT.
- SIZING OF MOTOR-RELATED ELECTRICAL COMPONENTS, INCLUDING FEEDER AND/OR BRANCH CIRCUITS (WIRE AND CONDUIT) AND OVERCURRENT PROTECTION (BREAKER AND/ OR FUSES) IS BASED ON RATINGS INDICATED IN THE CONTRACT DOCUMENTS AS WELL AS NEC APPROXIMATED LOADS FOR A GIVEN MOTOR HORSEPOWER, VOLTAGE AND PHASE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL MOTOR AND APPLIANCE RATING AND LOADS. CONTRACTOR TO PROVIDE CORRECTLY SIZED MOTOR OVERLOAD ELECTRICAL COMPONENTS BASED ON NAMEPLATE RATING. REFLECT CHANGES IN THE AS-BUILT DRAWINGS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW OF THE FOLLOWING EQUIPMENT:
 - ELECTRICAL SWITCHGEAR: SWITCHBOARDS, WITH PANELS, MOTOR CONTROL.
 - CENTERS AND SAFETY DEVICES.
 - OVERCURRENT DEVICES: CIRCUIT BREAKERS AND FUSES INCLUDING
 - TIME/CURRENT TRIP CURVES.
 - LIGHTING FIXTURES: INDOOR/OUTDOOR AS SPECIFIED, PHOTOMETRIC
 - PERFORMANCE DATA AND LAMPS.
 - DEVICES: SWITCHES, RECEPTACLES, MOTOR CONTROLLERS AND
 - DEVICE PLATES.
 - LIFE SAFETY/FIRE ALARM SYSTEM: CONTROL PANEL, ANNUNCIATOR PANEL, INITIATION AND NOTIFICATION DEVICES/APPLIANCES, SYSTEM WIRING
 - REQUIREMENTS AND DIAGRAM, SYSTEM LOAD CALCS, STANDARD BATTERY
 - CALCULATIONS, AND AUXILIARY POWER SUPPLY.
- EQUIPMENT ELECTRICAL TERMINATIONS TO UNDERGO A TORQUE TEST. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MANUFACTURER'S RECOMMENDED TORQUE DOCUMENTATION AND TOOLS TO PERFORM TORQUE TEST.
- UNDERGROUND SERVICE CONDUITS SHALL BE SEALED PER NEC ARTICLE 230-8.
- FLOOR MOUNTED ELECTRICAL EQUIPMENT SHALL BE MOUNTED ON A 4" HIGH CONCRETE PAD.
- INSTALL TRANSFORMER FOLLOWING MANUFACTURER'S RECOMMENDATIONS FOR VENTILATION CLEARANCES.
- COORDINATE ELECTRICAL REQUIREMENTS FOR PLUMBING AND MECHANICAL EQUIPMENT WITH FINAL CONTRACTOR SELECTION. THE CONTRACTOR SHALL SIZE DISCONNECTS BASED UPON CIRCUIT BREAKER RATINGS AND PROVIDE FUSING AS REQUIRED PER EQUIPMENT MANUFACTURER RECOMMENDATIONS AND U.L. LISTING REQUIREMENTS.
- PROVIDE 10 AWG CONDUCTORS FOR 20 AMPERE, 120V BRANCH CIRCUITS LONGER THAN 75' AND 8 AWG CONDUCTORS FOR 20 AMPERE, 120V BRANCH CIRCUITS LONGER THAN 120'. PROVIDE 10 AWG CONDUCTORS FOR 20 AMPERE, 277V BRANCH CIRCUITS LONGER THAN 200'.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE ARC FLASH ANALYSIS AND APPLYING ALL REQUIRED LABELING AT THE PROJECT CLOSE-OUT. THE EOR SHALL REVIEW ALL LABELS PRIOR TO BEING APPLIED TO ANY EQUIPMENT. THE CONTRACTOR SHALL HAVE THE OPTION TO ENGAGE IDS GROUP UNDER A SEPARATE CONTRACT BETWEEN THE CONTRACTOR AND IDS GROUP, OR AN INDEPENDENT LICENSED ENGINEER NOT ASSOCIATED WITH THIS PROJECT.

APPLICABLE CODES	
2019	CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2019	CALIFORNIA GREEN BUILDING CODE (CGBC) PART 11, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

Sheet List Table	
Sheet Number	Sheet Title
E00.001	ELECTRICAL LEGENDS & NOTES
E00.002	SINGLE LINE DIAGRAM & PANEL SCHEDULES
E00.003	PANEL SCHEDULES
E00.004	LUMINAIRE SCHEDULE
E02.201	ELECTRICAL DEMOLITION PLAN
E02.202	ELECTRICAL REMODEL POWER PLAN
E02.301	ELECTRICAL REMODEL LIGHTING PLAN
E02.901	ELECTRICAL DETAILS
E02.902	ELECTRICAL DETAILS
E02.904	LIGHTING CONTROL DETAILS
E02.906	INDOOR TITLE 24 COMPLIANCE DOCUMENTS
FA02.201	FIRE ALARM PLAN
FA02.901	FIRE ALARM PRODUCT SPECIFICATIONS

STANDARD ABBREVIATIONS			
A	AMPERE	NC	NORMALLY CLOSED
AFF	ABOVE FINISHED FLOOR	NEC	NATIONAL ELECTRICAL CODE
AF	ARC FAULT,	NECA	NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION
AMP	FUSE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AFG	ABOVE FINISHED GRADE	NEUT	NEUTRAL
AIC	AMPERE INTERRUPTING CAPACITY	NFC	NATIONAL FIRE CODE
AL	ALUMINUM	NF	NON-FUSIBLE
ARCHL	ARCHITECTURAL AS AMP SWITCH	NIC	NOT IN CONTRACT
AWG	AMERICAN WIRE GAUGE	NO	NORMALLY OPEN
BC	BARE COPPER	NTS	NOT TO SCALE
BLDG	BUILDING BLDG	OCP	OVERCURRENT PROTECTION
C	CONDUIT	P	POLE
CAB	CABINET	PH	PHASE
CAT	CATALOG/CATEGORY	PNL	PANEL
C/B	CIRCUIT BREAKER	PV	PV PHOTOVOLTAIC
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
CLG	CEILING	PWR	POWER
CO	CONDUIT ONLY	QTY	QUANTITY
CC	COMMUNICATION	R	REMOVE
CU	COPPER	(R)	RELOCATED
		REQD	REQUIRED
		RSC	RIGID STEEL CONDUIT
EA	EACH	S	SCHEDULE
ELEC.	ELECTRICAL	SECT	SECTION
ELEV	ELEVATOR	SP	SINGLE POLE
EM	EMERGENCY	SN	SOLID NEUTRAL
EMT	ELECTRICAL METALLIC TUBING	SPEC	SPECIFICATION
EQUIP	EQUIPMENT	SW	SWITCH
(E)	EXISTING TO REMAIN	SWBD	SWITCHBOARD
FBO	FURNISHED BY OTHERS	SWGR	SWITCH GEAR
FF	FINISHED FLOOR	SYS	SYSTEM
FIXT	FIXTURE	T	TEMPORARY
FLEX	FLEXIBLE METALLIC CONDUIT(STEEL)	TELE	TELEPHONE
FLOR	FLOURESCENT	T-STAT	THERMOSTAT
FT	FEET OR FOOT	TTB	TELEPHONE TERMINAL BACKBOARD
		TTB	TELEPHONE TERMINAL CABINET TYPICAL
GFA	GROUND FAULT ALARM	U	UNIFORM BUILDING CODE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UL	UNDERWRITERS LABORATORY
GND	GROUND	U.N.O.	UNLESS NOTED OTHERWISE
HP	HORSEPOWER	V	VOLT OR VOLTAGE
HVAC	HEATING, VENTILATING & AIR CONDITIONING	VA	VOLT AMPERE
		VD	VOLTAGE DROP
		VP	VAPOR PROOF
IBC	INTERNATIONAL BUILDING CODE	W	WATT, WIRE
IMC	INTERMEDIATE METAL CONDUIT	WCR	WITHSTAND CURRENT RATING
IN	INCH(ES)	UL	LISTED
IRC	INTERNATIONAL RESIDENTIAL CODE	WP	WEATHERPROOF, NEMA 3R
ISC	SHORT CIRCUIT AMPERES	X	X - X -
		XFMR	TRANSFORMER
JB, J-BOX	JUNCTION BOX		
KCMIL, MCM	THOUSAND CIRCULAR MILS		
KVA	KILOVOLT AMPERE		
KW	KILOWATT		
LTG	LIGHTING		
MAX.	MAXIMUM		
MCB	MAIN CIRCUIT BREAKER		
MECH.	MECHANICAL		
MIN.	MINIMUM		
MLO	MAIN LUGS ONLY		
MTD	MOUNTED		



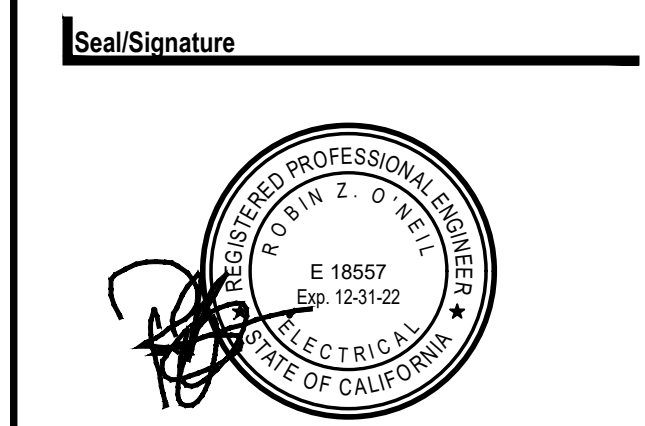
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Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS



Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
ELECTRICAL LEGENDS & NOTES

Scale
As indicated

E00.001

GENERAL NOTES

- 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.
- THE CONTRACTOR SHALL SUBMIT PANEL DIRECTORY CARDS TO THE EOR 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.

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DIV. OF THE STATE ARCHITECT
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DATE: 06/09/2021

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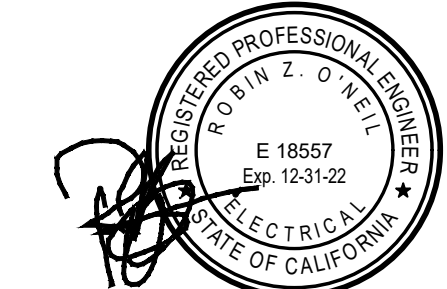
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04.15.2021	DSA SUBMITTAL	AK W SS
05.25.2021	BACKCHECK	AK SS

Seal/Signature



Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
PANEL SCHEDULES

Scale
As indicated

E00.003

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PANEL "PC"													
MOUNTING SURFACE		DOUBLE LUG		NO		Volts: 208Y/120V		MAIN		M.L.O.			
NEMA 3R	NO	200%	NO	200%	NO	Phases: 3	Phases: 3	BUS	225 A	BUS	225 A		
FEED THRU	NO	I/O BUS	NO	I/O BUS	NO	Wires: 2	Wires: 2	A.I.C.	10,000	A.I.C.	10,000		
CL	DESCRIPTION	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	DESCRIPTION	CL
R 1	RECEPT RM 50	20A	1	500			500			1	20A	RECEPT RM 50	2 R
R 3	RECEPT RM 56	20A	1		500			500		1	20A	RECEPT RM 56	4 R
R 5	RECEPT RM 56	20A	1			500			500	1	20A	RECEPT RM 56	6 R
R 7	RECEPT RM 56	20A	1	500			500			1	20A	RECEPT RM 56	8 R
R 9	RECEPT RM 56	20A	1		500			500	720	1	20A	RECEPT RM 56	10 R
R 11	RECEPT RM 58	20A	1			500			500	1	20A	STORAGE 2163 2165 RECEPT	12 R
R 13	RECEPT RM 58	20A	1	500			500			1	20A	STUDENT LAB 2155	14 R
R 15	RECEPT RM 58	20A	1		500			500		1	20A	STUDENT LAB 2155	16 R
R 17	SPARE	20A	1							1	20A	RECEPT RM 50	18 R
R 19	RECEPT RM 52	20A	1	180			500			1	20A	RECEPT RM 50	20 R
R 21	RECEPT RM 52	20A	1		500			500		1	20A	RECEPT RM 50	22 R
R 23	RECEPT RM 52	20A	1			500			500	1	20A	RECEPT RM 39	24 R
R 25	RECEPT RM 52	20A	1	500						1	20A	RECEPT RM 39	26 R
R 27	RECEPT RM 37	20A	1		500			500		1	20A	SPARE	28 R
R 29	RECEPT RM 33	20A	1			500			500	1	20A	RECEPT RM 25	30 R
R 31	RECEPT RM 33	20A	1	500						1	20A	RECEPT RM 25	32 R
R 33	RECEPT RM 29	20A	1		500			500		1	20A	SPARE	34 R
R 35	SPARE	20A	1			500			500	1	20A	SPARE	36 R
R 37	SPARE	20A	1	500			5462			3	100A	PANEL PCSP	38 P
R 39	SPARE	20A	1					6019					40 P
R 41	SPARE	20A	1					6019					42 P
				3180	3500	3000	8462	9239	9018				
				0A	0B	0C				90% PERCENT BALANCE			
TOTAL LOAD DEMAND				10840	11824	11230							
TOTAL DEMAND AMPS:				89 A	98 A	94 A							
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND		PANEL LOADS							
CONTINUOUS LOAD = C		0	125%	0		TOTAL CONN. LOAD (VA)		36400					
KITCHEN EQUIPMENT LOAD = K		0	100%	0		TOTAL EST. DEMAND (VA)		33700					
LIGHTING LOAD = L		0	125%	0		TOTAL CONN. (AMPS)		101					
MOTOR LOAD = M		0	0 @ 100% / 0 @ 125%	0		TOTAL EST. DEMAND (AMPS)		94					
NON-CONTINUOUS LOAD = N		3500	100%	3500									
PANEL LOAD = P		17500	100%	17500									
RECEPTACLE LOAD = R		15400	82%	12700									

PANEL "PPC"													
MOUNTING SURFACE		DOUBLE LUG		NO		Volts: 208Y/120V		MAIN		M.L.O.			
NEMA 3R	NO	200%	NO	200%	NO	Phases: 3	Phases: 3	BUS	225 A	BUS	225 A		
FEED THRU	NO	I/O BUS	NO	I/O BUS	NO	Wires: 2	Wires: 2	A.I.C.	10,000	A.I.C.	10,000		
CL	DESCRIPTION	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	DESCRIPTION	CL
R 1	RECEPT RM 25 31 29	20	1	900			1000			1	20	MOTORIZED SCREEN	2 R
R 3	RECEPT RM 25 31 29	20	1		720			900		1	20	RECEPT RM 26 28 30	4 R
R 5	RECEPT RM 25 31 29	20	1			720			900	1	20	RECEPT RM 26 28 30	6 R
R 7	HAND DRYER	20	1	1000						1	20	RECEPT RM 32 30 28	8 R
R 9	HAND DRYER	20	1		1000			900		1	20	RECEPT RM 19 21 23	10 R
R 11	RECEPT RM 21A	20	1			1000			720	1	20	RECEPT RM 12 20 18 23	12 R
R 13	SKILLS LAB 2110 HEADWALL	20	1	720				500		1	20	SKILLS LAB 2110 HEADWALL	14 R
R 15	RECEPT RM 10	20	1		720			540		1	20	SKILLS LAB 2110 HEADWALL	16 R
R 17	WASHER	20	2			1000			1000	1	20	SKILLS LAB 2110 HEADWALL	18 R
R 19	HANDSOAP BATH	20	1	1000				900		1	20	RECEPT RM 6 7 5 3	20 R
R 21	HANDSOAP BATH	20	1		1000			900		1	20	RECEPT RM 2 6 7 9	22 R
R 23	AC-1	30	2	1500				1134		2	20	AC-2	24 M
R 25	AC-5	30	2		1500			1850		2	20	AC-4	26 M
R 27	AC-5	30	2	1850				1850		2	20	AC-4	28 M
R 29	EF-3	20	1		100			100		1	20	EF-7	30 M
R 31	AC-9	30	2			1850			500	1	20	EF-6	32 M
R 33	AC-9	30	2	1850				500		1	20	SPARE	34 M
R 35	SPARE	20	1		500			500		1	20	SPARE	36 M
R 37	SPARE	20	1			500			500	1	20	SPARE	38 M
R 39	SPARE	20	1			500			500	1	20	SPARE	40 M
R 41	SPARE	20	1			500			500	1	20	SPARE	42 M
				8820	5540	7420	6784	4974	6370				
TOTAL LOAD DEMAND				15460	10199	13253				66% PERCENT BALANCE			
TOTAL DEMAND AMPS:				126 A	85 A	110 A							
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND		PANEL LOADS							
CONTINUOUS LOAD = C		3000	125%	3750		TOTAL CONN. LOAD (VA)		39968					
KITCHEN EQUIPMENT LOAD = K		0	100%	0		TOTAL EST. DEMAND (VA)		38913					
LIGHTING LOAD = L		0	125%	0		TOTAL CONN. (AMPS)		111					
MOTOR LOAD = M		19088	15388 @ 100% / 0 @ 125%	19993		TOTAL EST. DEMAND (AMPS)		108					
NON-CONTINUOUS LOAD = N		2500	100%	2500									
PANEL LOAD = P		0	100%	0									
RECEPTACLE LOAD = R		15340	83%	12670									

PANEL "PPF"													
MOUNTING SURFACE		DOUBLE LUG		NO		Volts: 208Y/120V		MAIN		M.L.O.			
NEMA 3R	NO	200%	NO	200%	NO	Phases: 3	Phases: 3	BUS	225 A	BUS	225 A		
FEED THRU	NO	I/O BUS	NO	I/O BUS	NO	Wires: 2	Wires: 2	A.I.C.	10,000	A.I.C.	10,000		
CL	DESCRIPTION	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	DESCRIPTION	CL
R 1	CLASSROOM 2181 SEAT RECEPT ROW A1, B1	20A	1	540			720			1	20A	CLASSROOM 2181 SEAT RECEPT ROW A3, B3	2 R
R 3	CLASSROOM 2181 SEAT RECEPT ROW A1, B1	20A	1		540			540		1	20A	CLASSROOM 2181 SEAT RECEPT ROW A3, B3	4 R
R 5	CLASSROOM 2181 SEAT RECEPT ROW C1, D1	20A	1			540			720	1	20A	CLASSROOM 2181 SEAT RECEPT ROW C3, D3	6 R
R 7	CLASSROOM 2181 SEAT RECEPT ROW C1, D1	20A	1	540			540			1	20A	CLASSROOM 2181 SEAT RECEPT ROW C3, D3	8 R
R 9	CLASSROOM 2181 SEAT RECEPT ROW E1, F1	20A	1		540			540		1	20A	CLASSROOM 2181 SEAT RECEPT ROW E3, F3	10 R
R 11	CLASSROOM 2181 SEAT RECEPT ROW E1, F1	20A	1			540			540	1	20A	CLASSROOM 2181 SEAT RECEPT ROW E3, F3	12 R
R 13	CLRM 2181 SEAT ROW G1, G3 AND REPTS	20A	1	1440			1260			1	20A	CLASSROOM 2181 SEAT RECEPT ROW A2, B2	14 R
R 15	CLRM 2181 SEAT ROW G1, G3 AND REPTS	20A	1		1260			1260		1	20A	CLASSROOM 2181 SEAT RECEPT ROW A2, B2	16 R
R 17	CLASSROOM 2181 SEAT RECEPT ROW F2	20A	1			1260			1260	1	20A	CLASSROOM 2181 SEAT RECEPT ROW C2, D2	18 R
R 19	CLASSROOM 2181 SEAT RECEPT ROW E2, F2	20A	1	1260				1260		1	20A	CLASSROOM 2181 SEAT RECEPT ROW C2, D2	20 R
R 21	SPARE	20A	1							1	20A	SPARE	22 N
R 23	SPARE	20A	1							1	20A	SPARE	24 N
R 25	SPARE	20A	1							1	20A	SPARE	26 N
R 27	SPARE	20A	1							1	20A	SPARE	28 N
R 29	SPARE	20A	1							1	20A	SPARE	30 N
R 31	SPARE	20A	1							1	20A	SPARE	32 N
R 33	SPARE	20A	1							1	20A	SPARE	34 N
R 35	SPARE	20A	1							1	20A	SPARE	36 N
R 37	SPARE	20A	1							1	20A	SPARE	38 N
R 39	SPARE	20A	1							1	20A	SPARE	40 N
R 41	SPARE	20A	1							1	20A	SPARE	42 N
				3780	2340	2340	3780	2340	2620				
TOTAL LOAD DEMAND				5991	3708	3851				62% PERCENT BALANCE			
TOTAL DEMAND AMPS:				50 A	31 A	32 A							
LOAD CLASSIFICATION		CONNECTED LOAD											

GENERAL NOTES

- WHERE HOMERUNS ARE COMBINED, THEY SHALL BE PROVIDED WITH SEPARATE NEUTRAL CONDUCTORS FOR EACH CIRCUIT PER 210.4 MULTI-WIRE BRANCH CIRCUITS. HANDLE-TIES SHALL NOT BE USED FOR CIRCUIT BREAKERS WITH SEPARATE BRANCH CIRCUITS.
- REFER TO ARCHITECTURAL PLANS FOR ELECTRICAL DEVICE HEIGHTS AND EXACT LOCATIONS.
- 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.

IDENTIFICATION STAMP
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 APP. 04-120034 INC.
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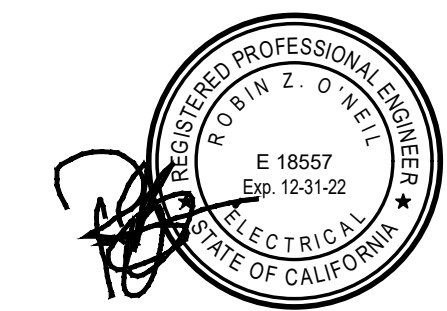
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KEY NOTES

- REFER TO HEADWALL ELEVATION ON SHEET A07.100 FOR QUANTITY OF RECEPTACLES AND MOUNTING HEIGHTS. CONTRACTOR SHALL PROVIDE BRANCH CIRCUITING AT BOTH THE TOP AND BOTTOM HEAD WALL UNITS SUCH THAT (3) DUPLEX RECEPTACLES SHALL BE SERVED BY THE CIRCUIT INDICATED (TYP.)
- SLOT CUT EXISTING CONCRETE SLAB TO ACCOMMODATE CONDUITS.
- PROVIDE (2) 6" MULTI-OUTLET SECTIONS MOUNTED AT +42" A.F.F.
- CONTRACTOR SHALL INTERCEPT EXISTING CIRCUIT AND EXTEND TO LOCATION OF NEW DEVICE SHOWN.
- PROVIDE CEILING MOUNTED WIFI UNIT PER DETAIL 5/E02.902.
- REMOVE EXISTING RECEPTACLE OUTLET AND MODIFY BACKBOX TO ACCEPT FURNITURE FEED TO SEATS. ALTERNATELY CHIP OUT CONCRETE AND PROVIDE BACKBOX ADJACENT TO EXISTING OUTLET BACKBOX FOR FURNITURE FEED TO SEATS. PATCH AND REPAIR EXISTING CONCRETE SLAB.
- SLOT CUT EXISTING CONCRETE SLAB FOR CONDUIT INSTALLATION. PATCH AND REPAIR EXISTING CONCRETE SLAB. CHIP OUT, CORE, OR SAW CUT CONCRETE AND PROVIDE BACKBOX FOR FURNITURE FEED TO SEATS. PATCH AND REPAIR EXISTING CONCRETE SLAB.
- RELOCATE EXISTING PANEL TO THIS LOCATION. INTERCEPT EXISTING CIRCUITS AND PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS TO THIS LOCATION. ALL UNDERGROUND BRANCH CIRCUIT CONDUITS SHALL BE PLUGGED, SEALED, AND CUT FLUSH WITH THE EXISTING CONCRETE SLAB. CONTRACTOR SHALL PATCH AND REPAIR THE CONCRETE SLAB TO MATCH EXISTING. ALL CIRCUITS AT THIS PANEL SHALL BE INTERCEPTED, SPLICED, AND EXTENDED FROM THE EXISTING TO REMAIN DEVICES TO THE LOCATION OF THE PANEL. CONTRACTOR SHALL ASSUME THE LONGEST DISTANCE FOR BID PURPOSES.
- EXISTING BRANCH CIRCUIT CONDUCTORS SHALL BE REMOVED. INSPECT AND CLEAN EXISTING TO REMAIN CONDUIT. PROVIDE #12 BRANCH CIRCUIT CONDUCTORS TO THE DEVICES SHOWN.

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



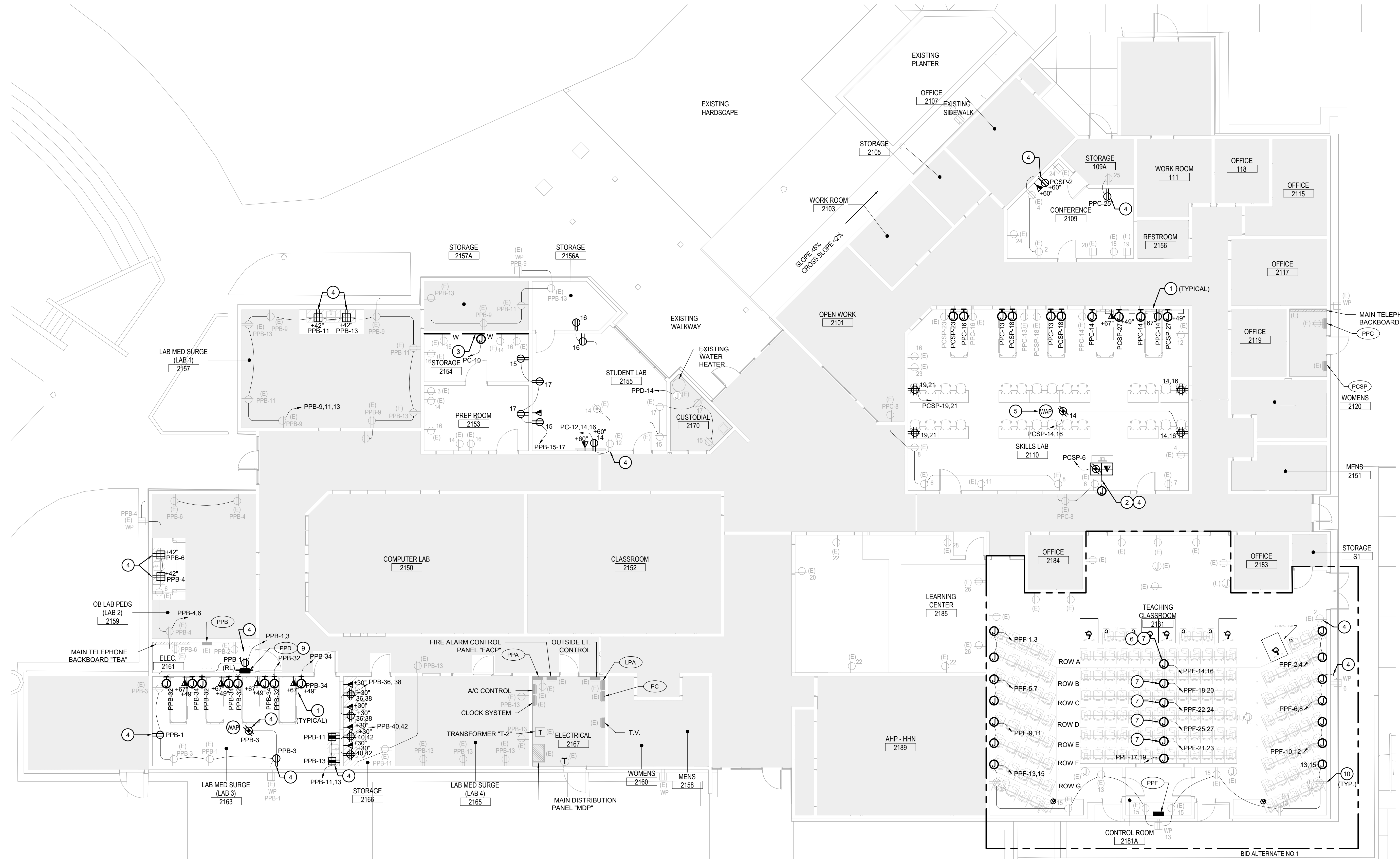
Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

Description
 ELECTRICAL REMODEL POWER PLAN

Scale
 As indicated

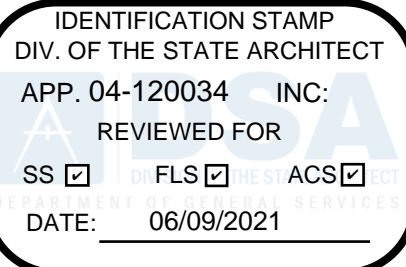
E02.202



S:\PROJECTS\2020\SS - HARVEY\2006\06-01 ICDT NURSING BUILDING MODERNIZATION\04-04 ELEC\2006\06-01 ICDT_E_REMODEL_FLOOR PLANS\DWG_5/20/2021_1.10.PLM

GENERAL NOTES

- REFER TO THE LIGHTING CONTROL SCHEDULE ON SHEET E00.004 AND DIAGRAMS ON SHEET E02.904 FOR LIGHTING CONTROL CONFIGURATIONS AND REQUIREMENTS.
- PROVIDE UL 924 EMERGENCY RELAY FOR SPACES WITH EMERGENCY LIGHTING. SEE LIGHTING CONTROLS SCHEDULE.
- 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.



IMPERIAL VALLEY COLLEGE

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380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

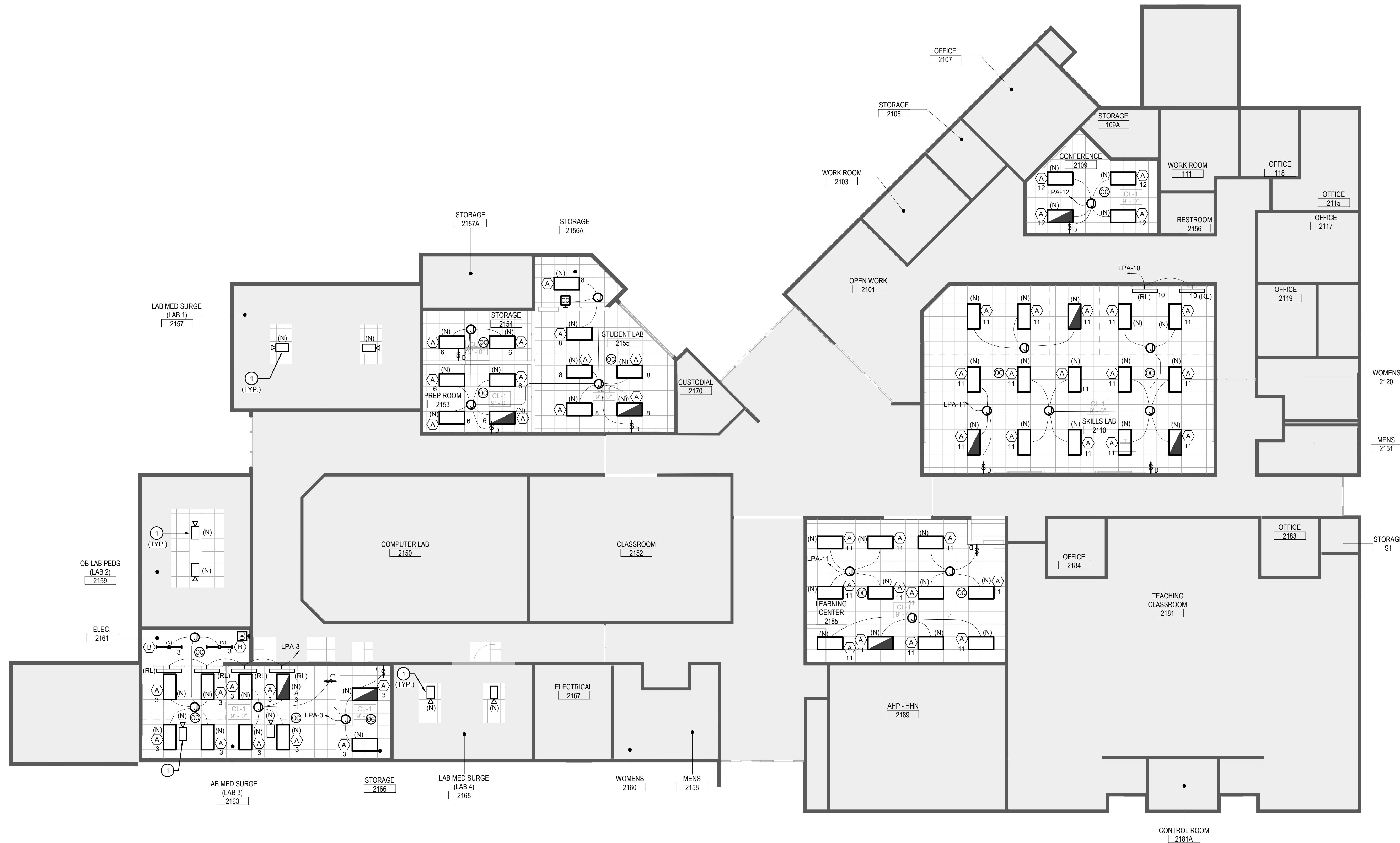
225 Broadway Suite 100 San Diego, CA 92101 United States
Tel: 619.557.2500 Fax: 619.557.2520



9636 TIERRA GRANDE, SUITE 200 SAN DIEGO, CA 92126
TEL: 619-765-6784 FAX: 658-812-2001 202005.00

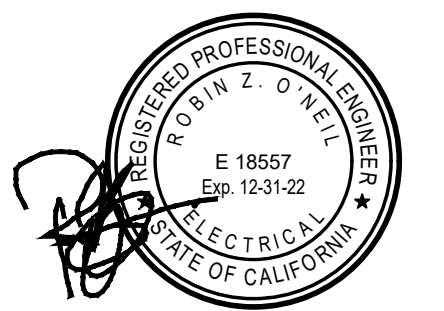
KEY NOTES

- 1 1/2" C.O. TO BE ROUTED TO CONTROL RM 2164. (TYP.)



Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



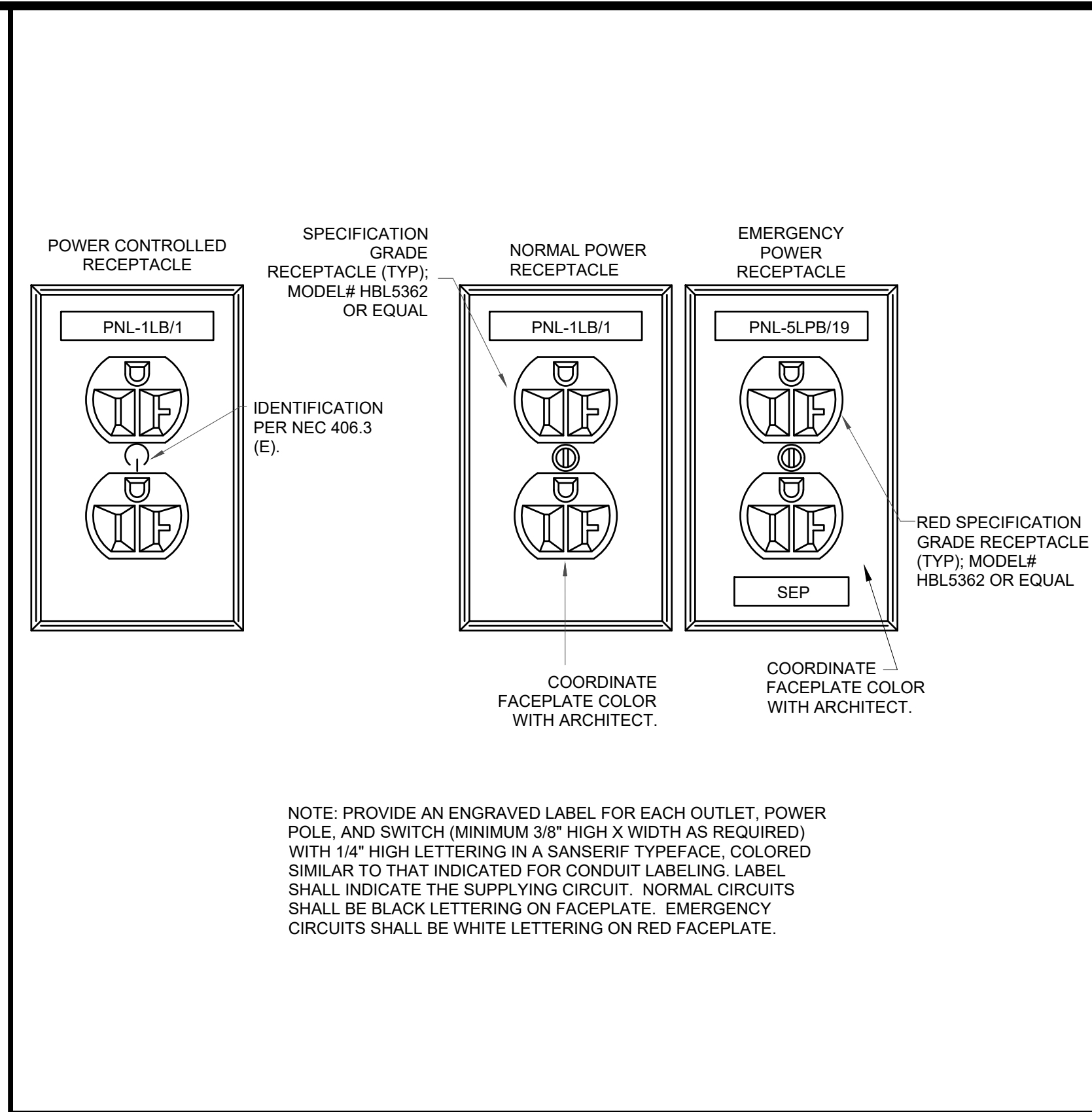
Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

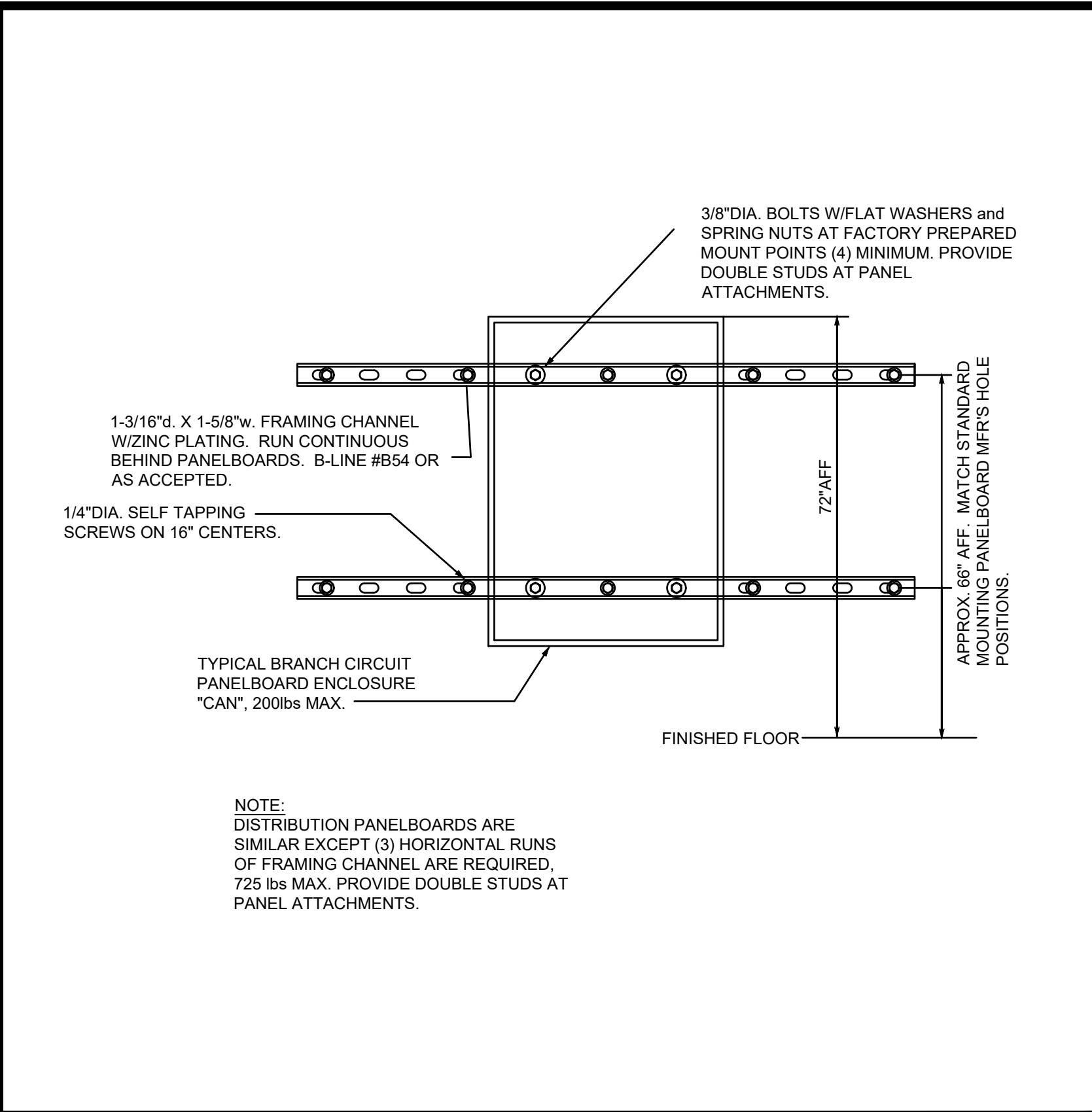
Description
ELECTRICAL REMODEL LIGHTING PLAN

Scale
As indicated

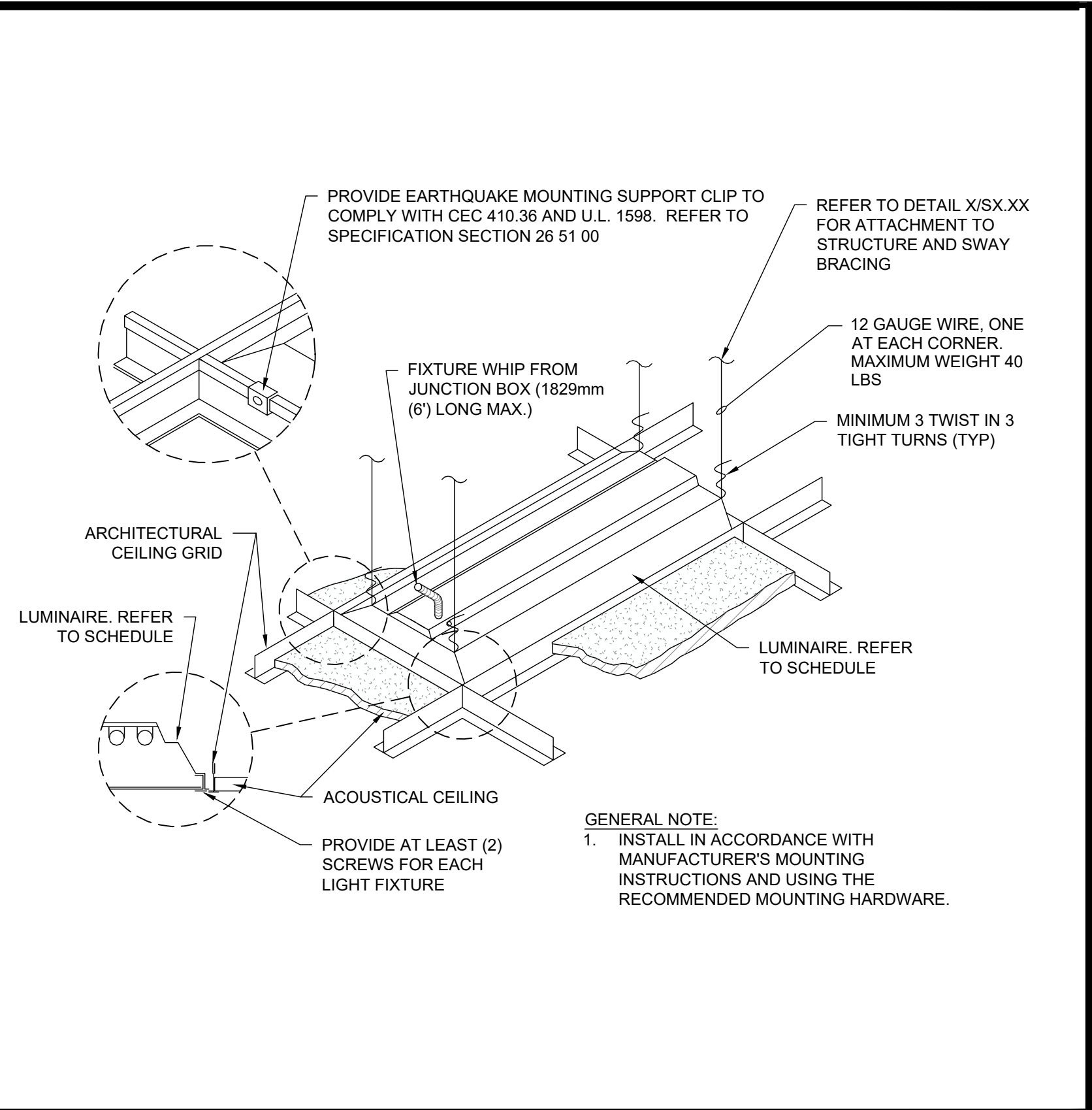
E02.301



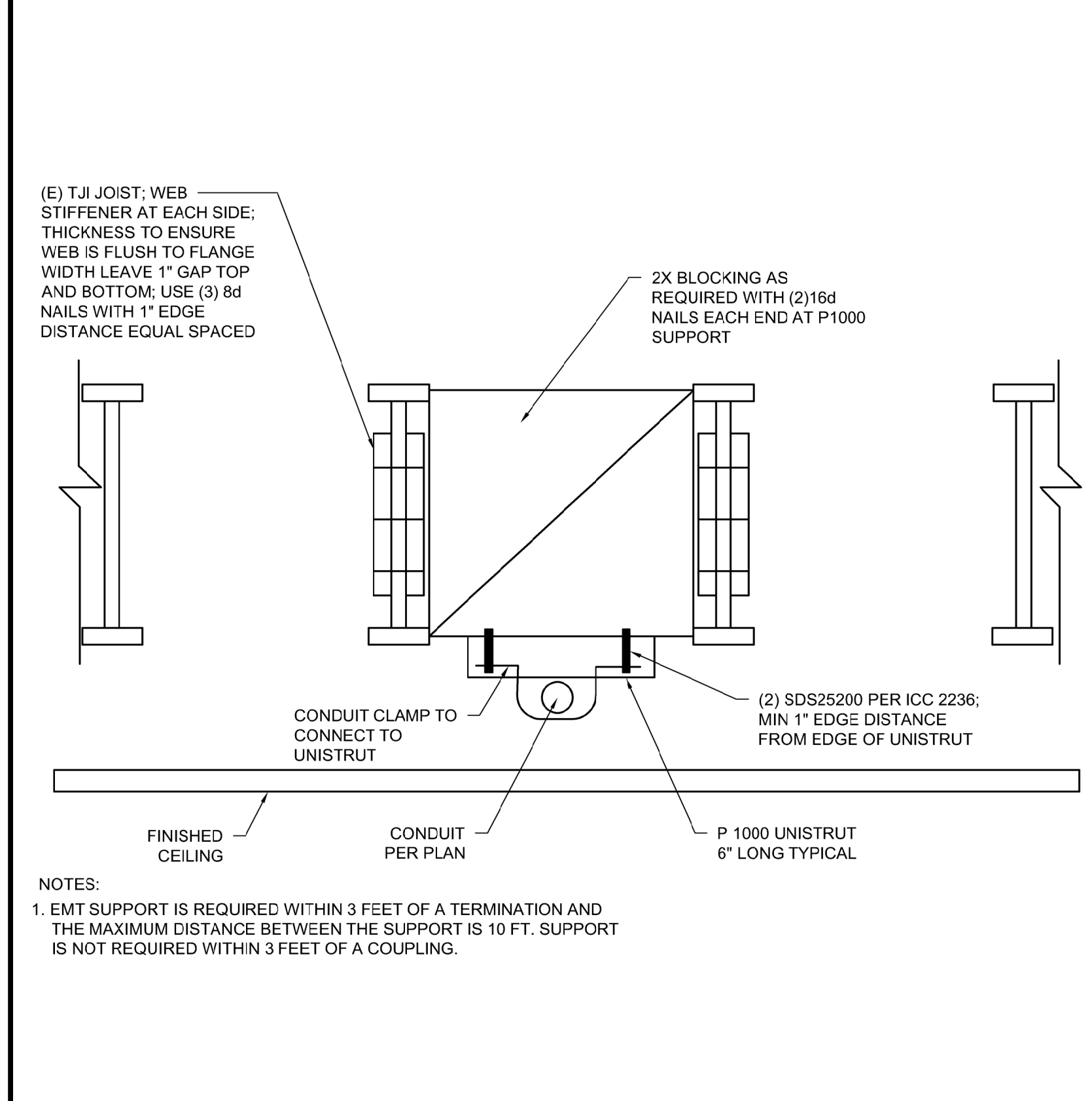
RECEPTACLE LABEL DETAIL (TYPICAL) NO SCALE 6



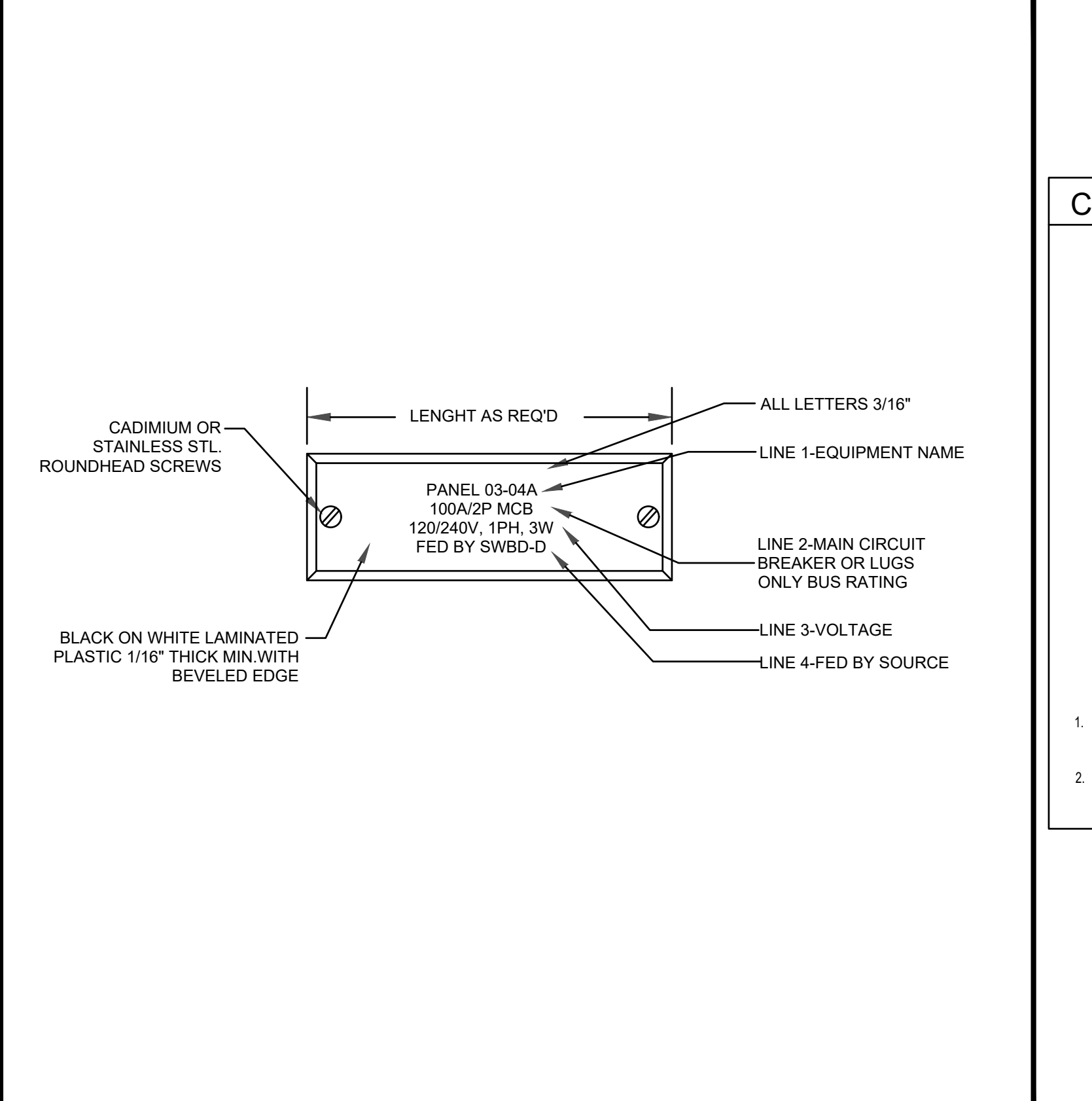
PANELBOARD MOUNTING DETAIL NO SCALE 4



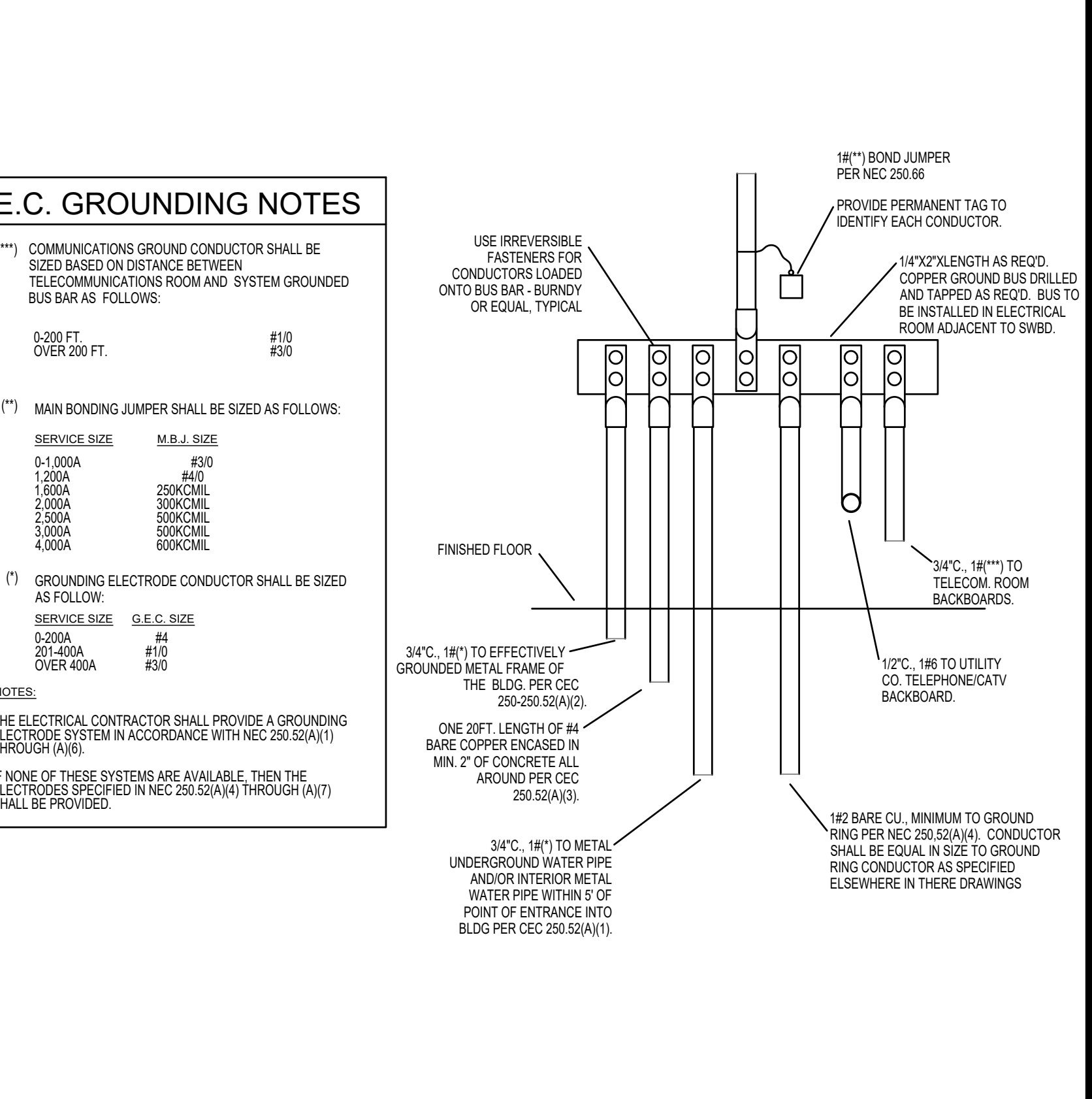
RECESSED LIGHTING FIXTURE MOUNTING DETAIL NO SCALE 1



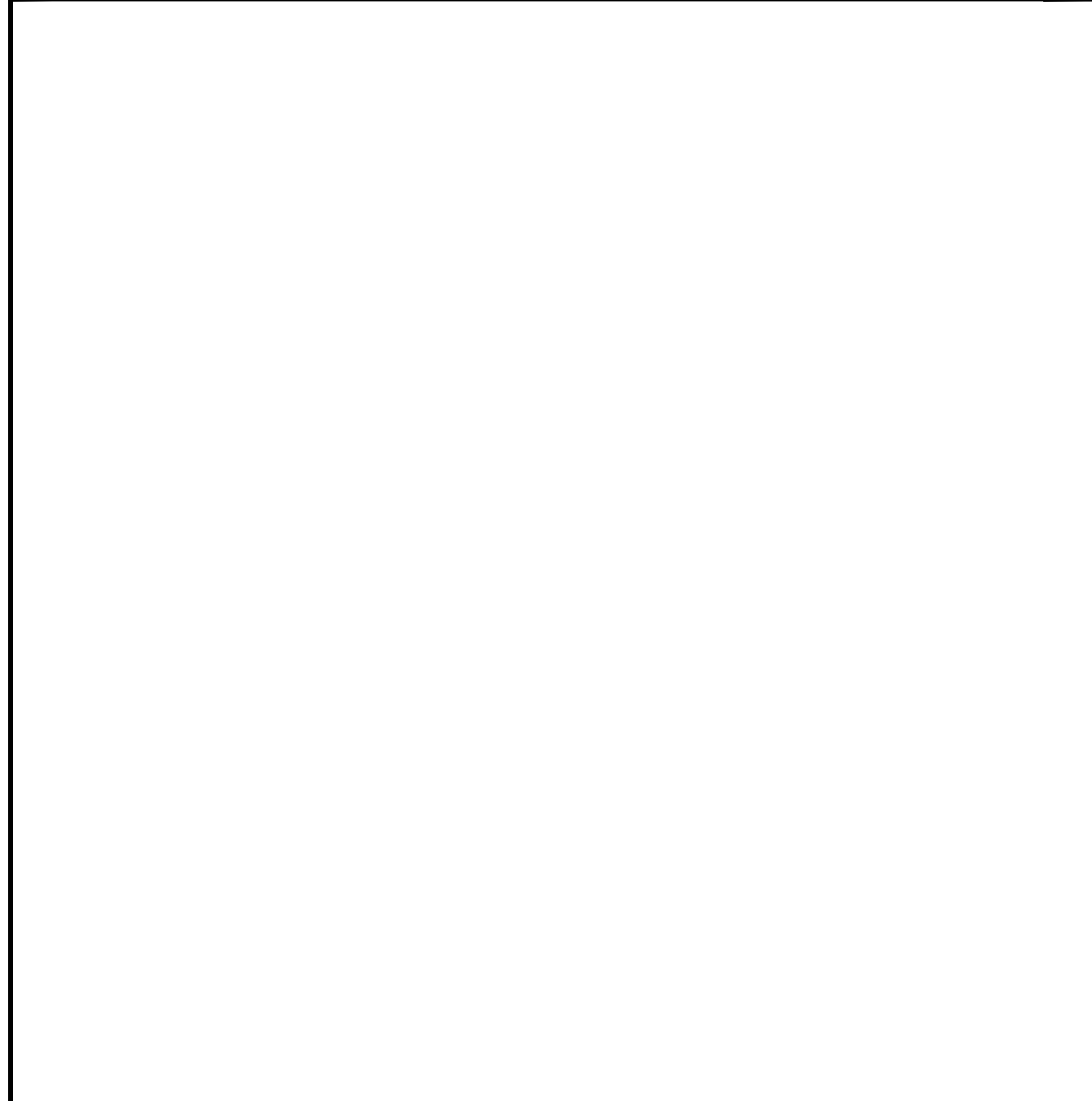
SINGLE CONDUIT SUPPORT WITH SEISMIC SUPPORT NO SCALE 7



NAMEPLATE DETAIL NO SCALE 5



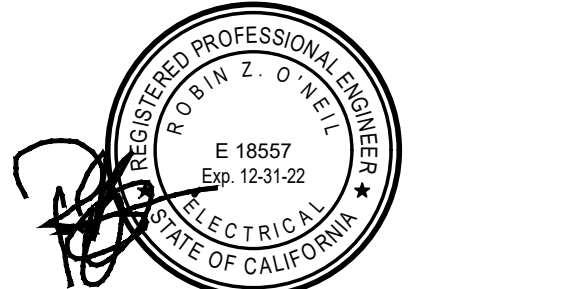
GROUNDING DETAIL NO SCALE 2



TYPICAL ELECTRICAL HEIGHTS NO SCALE 3

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name

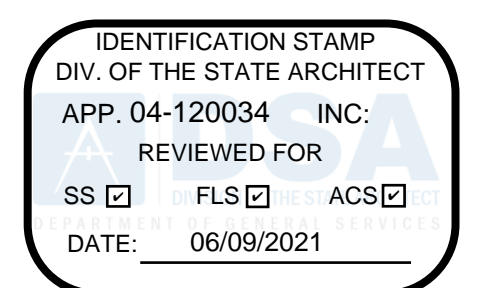
IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

Description
 ELECTRICAL DETAILS

Scale
 As indicated

E02.901



IMPERIAL VALLEY COLLEGE

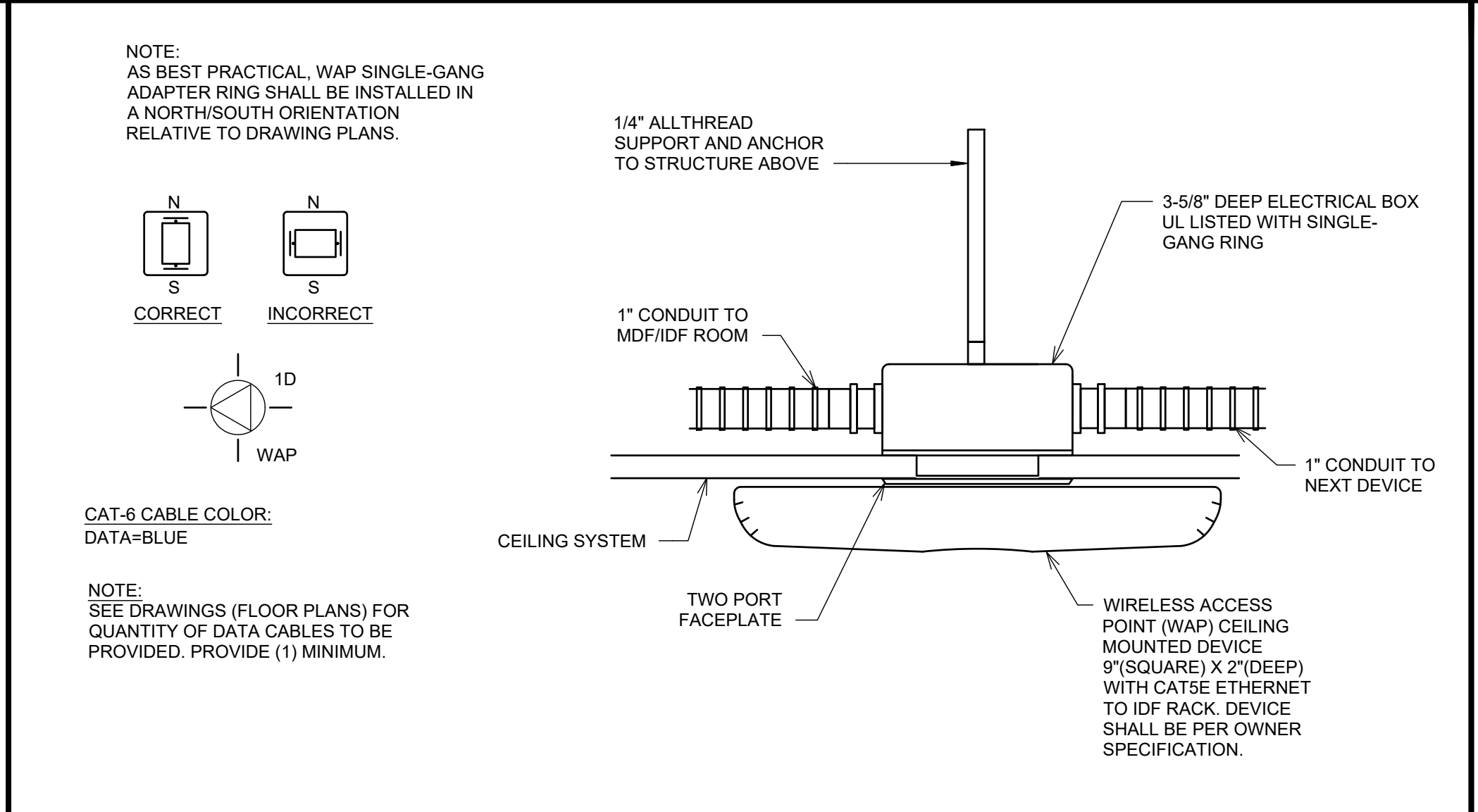
SCHOOL OF NURSING
380 E ATEN ROAD
IMPERIAL, CA 92251

Gensler

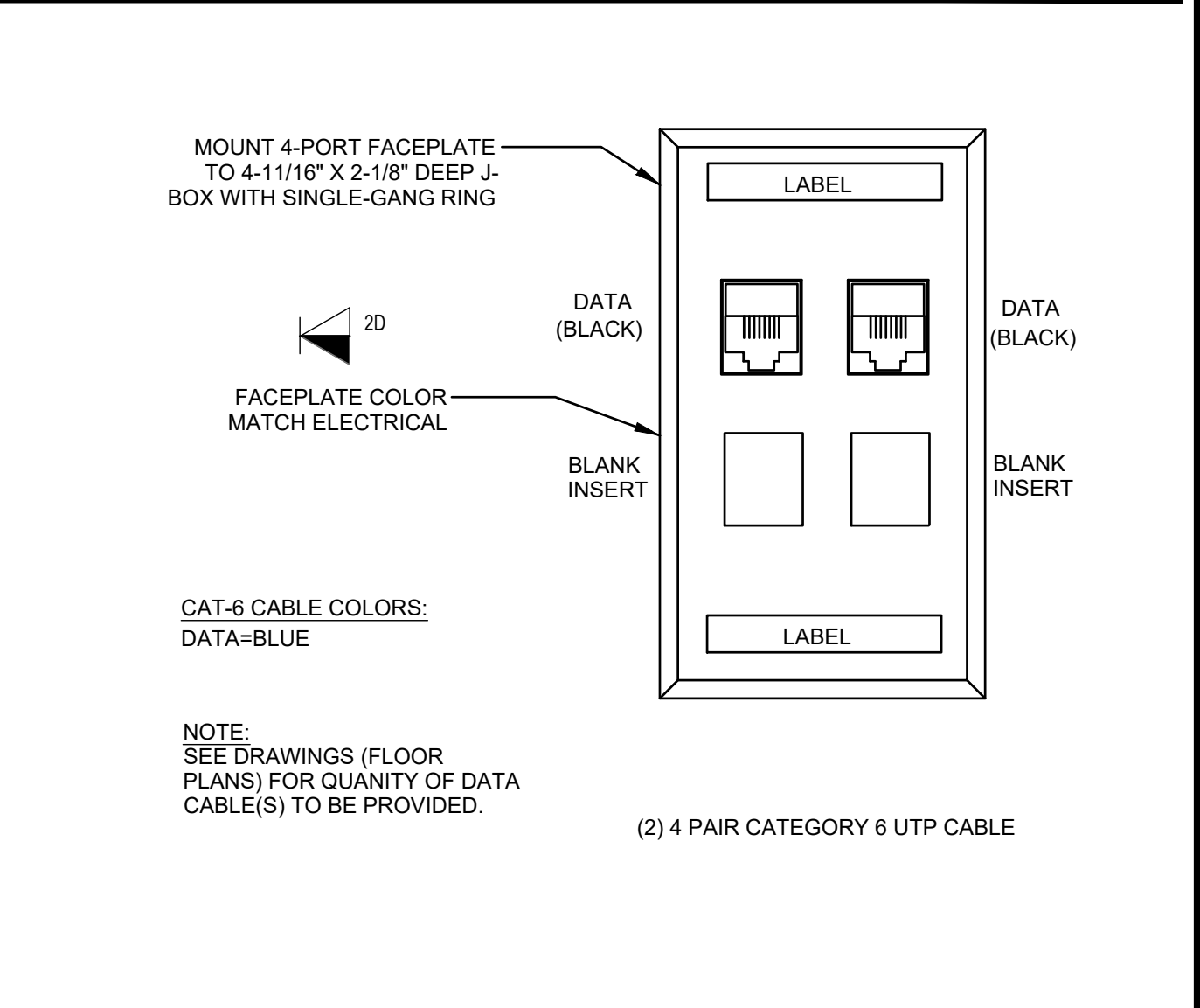
225 Broadway Suite 100 San Diego, CA 92101 United States
Tel: 619.557.2500 Fax: 619.557.2500



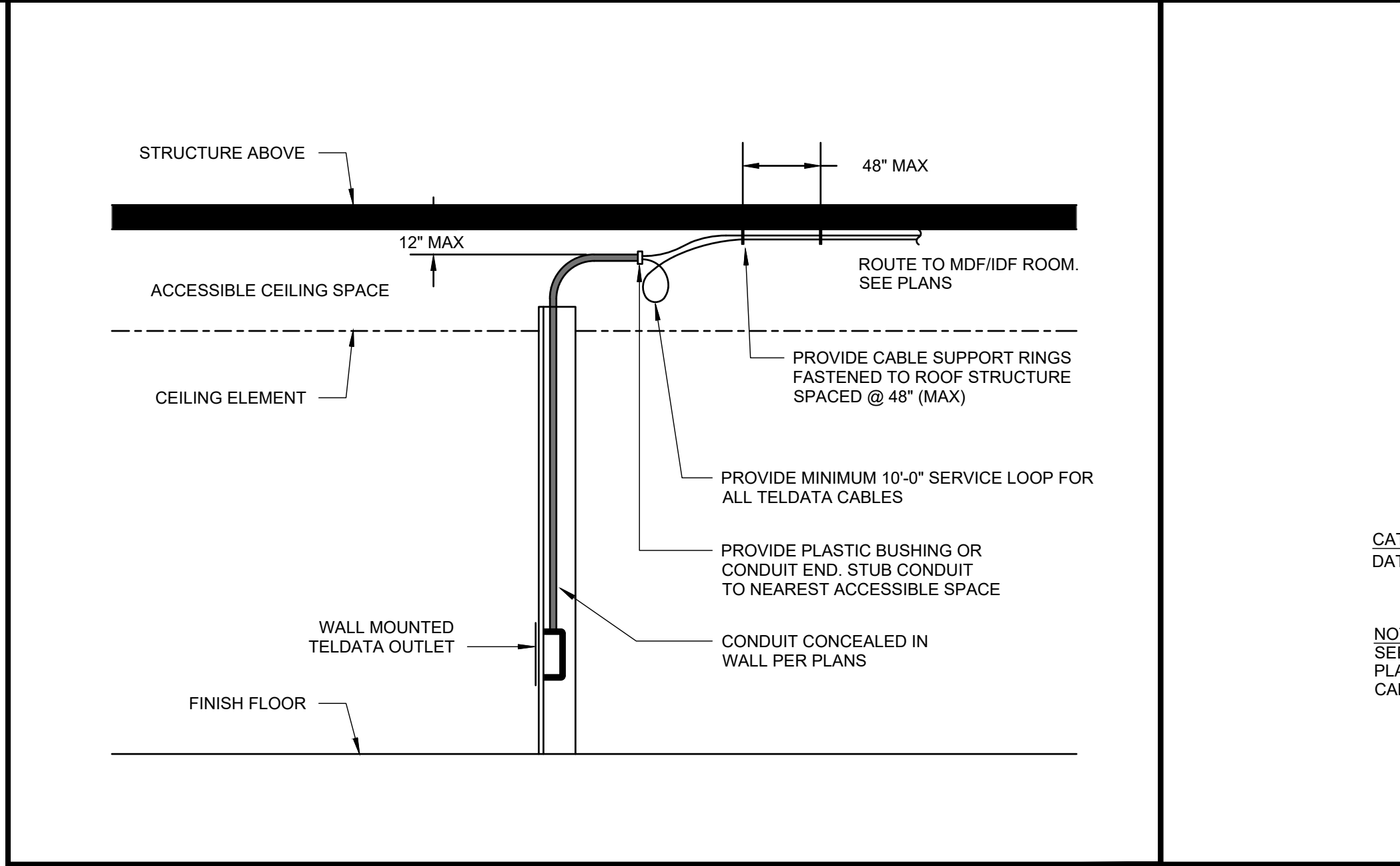
9636 TIERRA GRANDE, SUITE 200 SAN DIEGO, CA 92126
TEL: 619-765-6784 FAX: 619-812-2001 202005.00



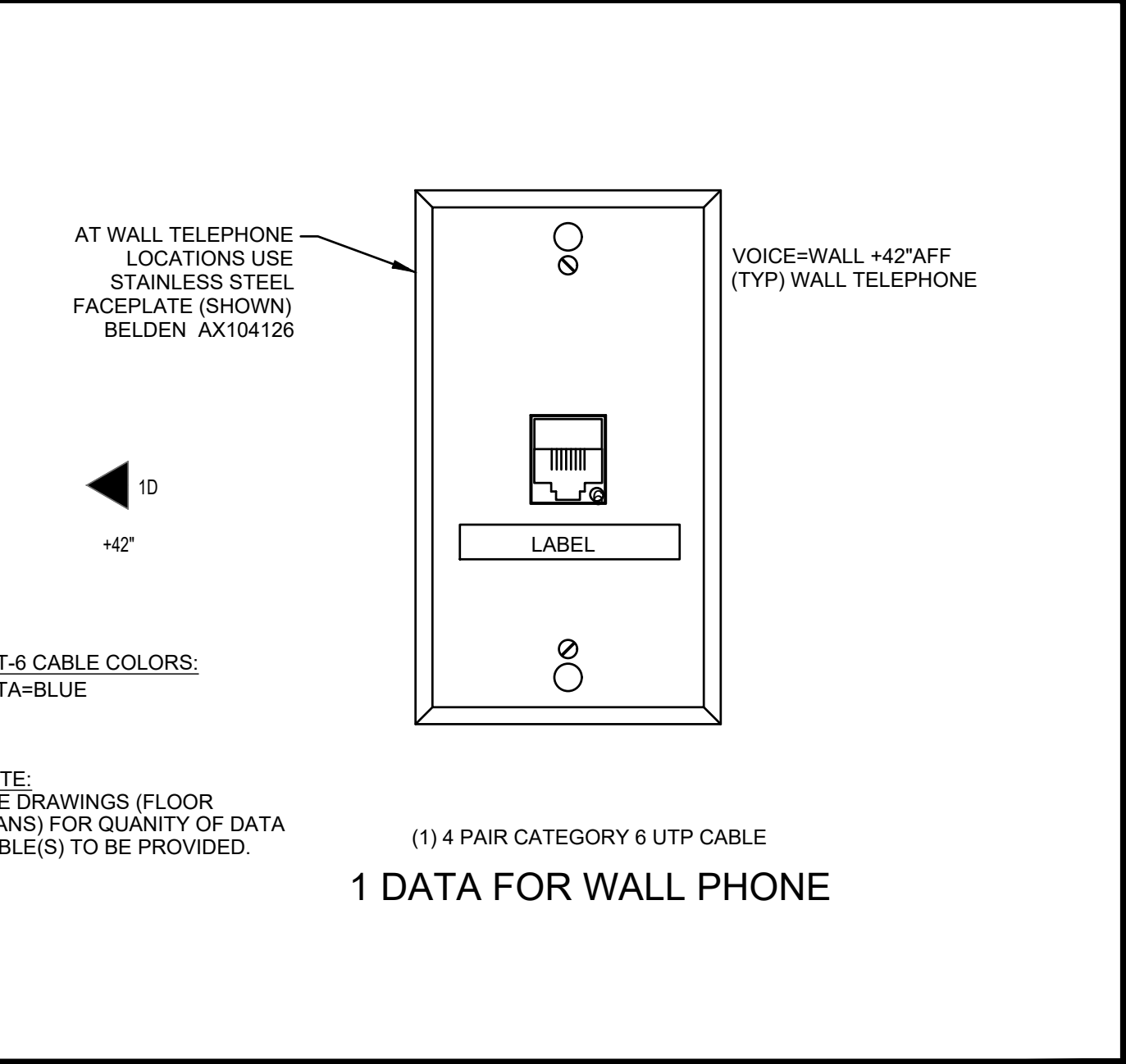
CEILING MOUNTED WIRELESS ACCESS DEVICE NO SCALE 5



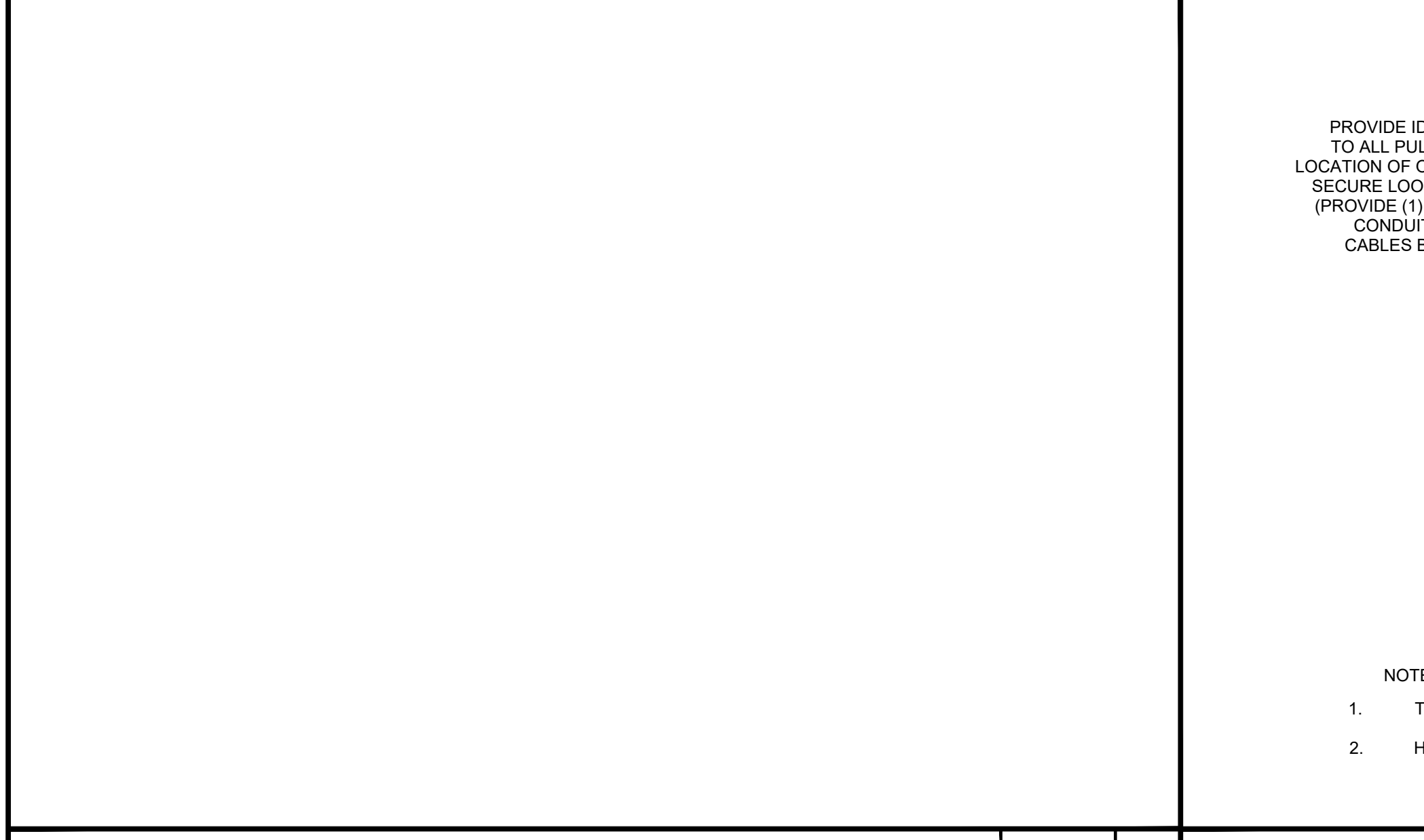
4 PORT VOICE/DATA FACEPLATE ASSEMBLY NO SCALE 1



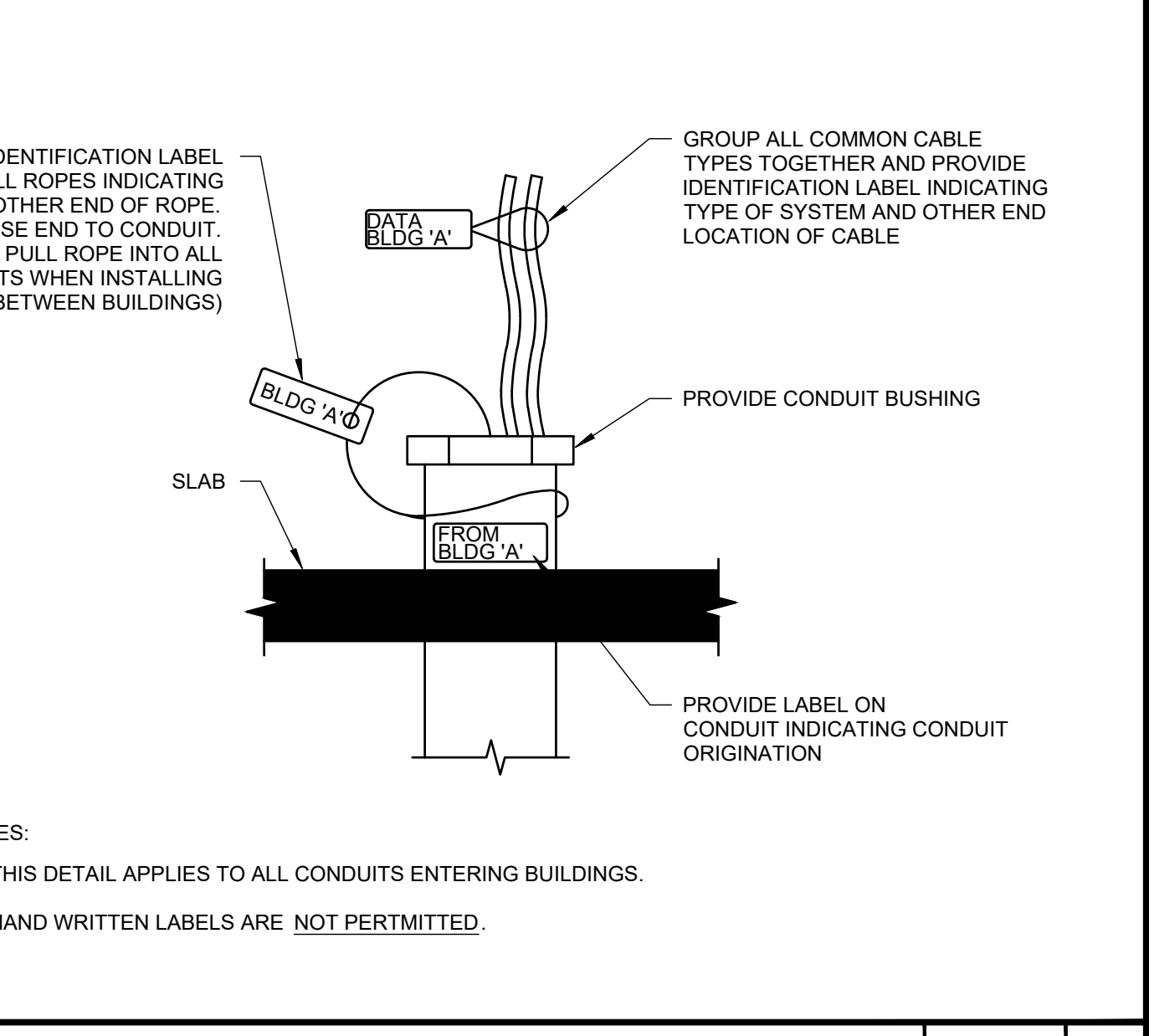
COMMUNICATIONS SYSTEM OPEN WIRE/CONDUIT STUB DETAIL NO SCALE 6



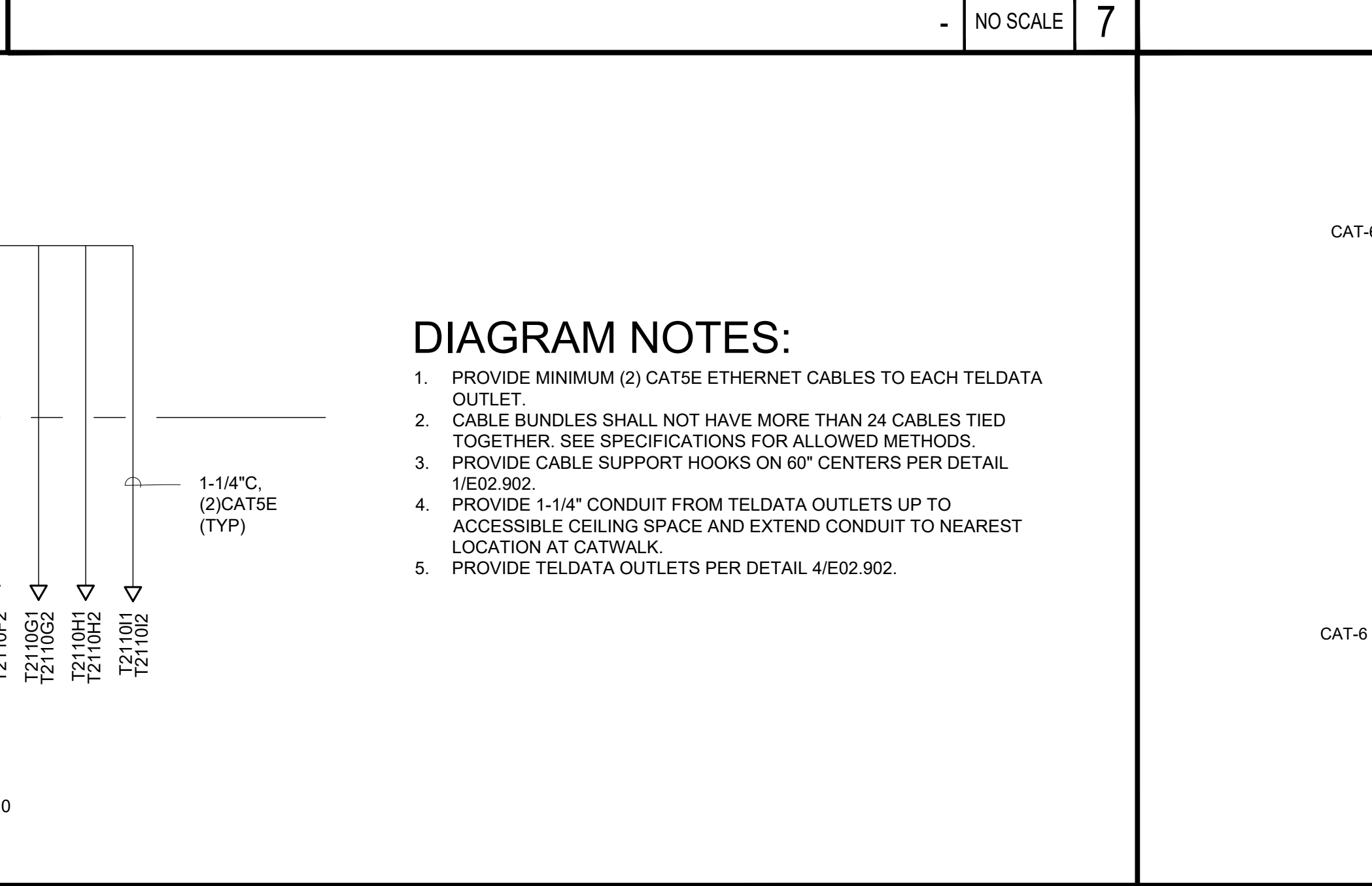
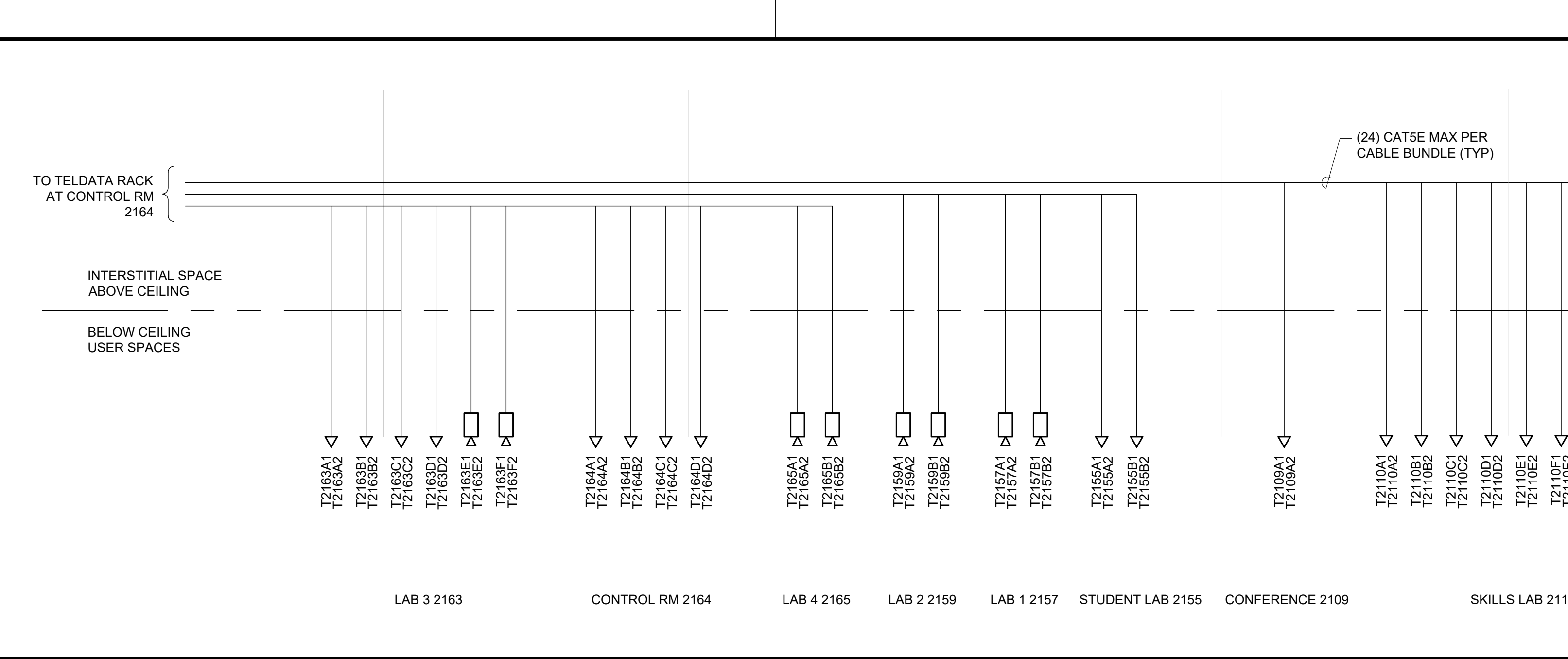
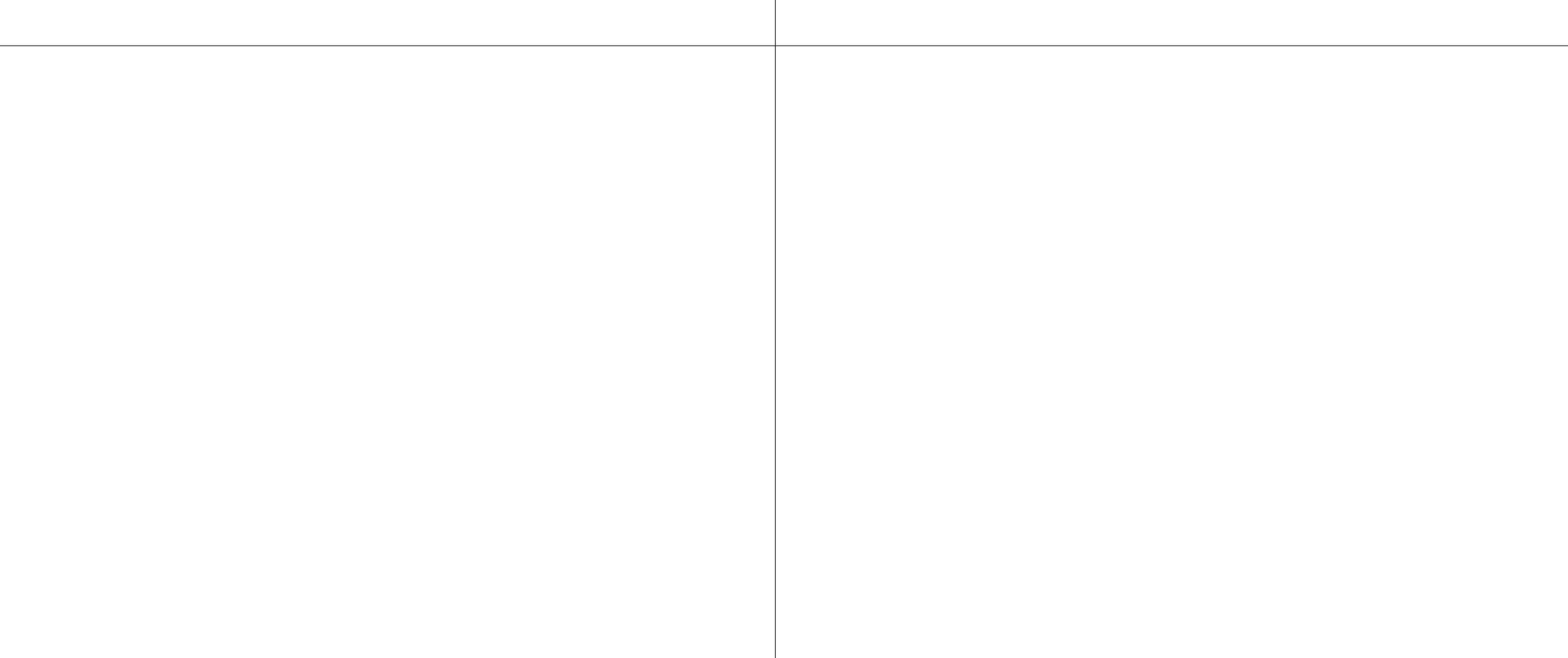
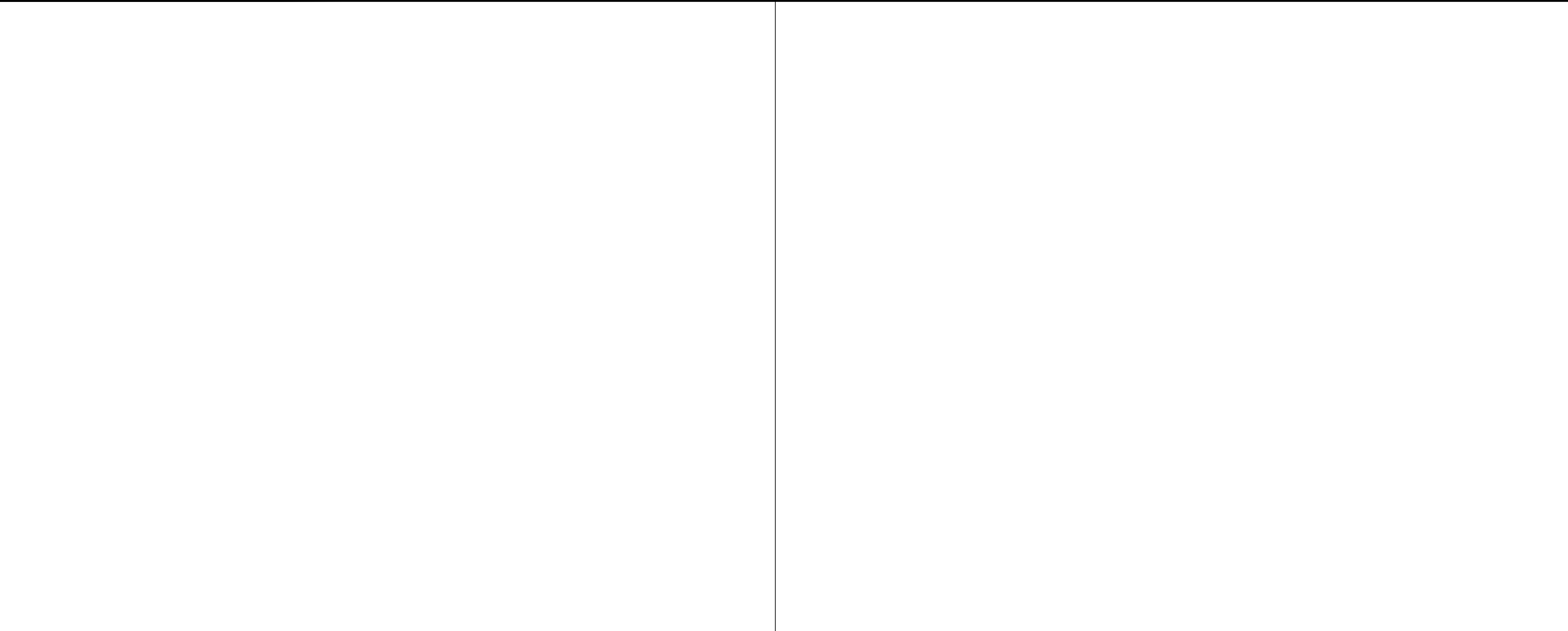
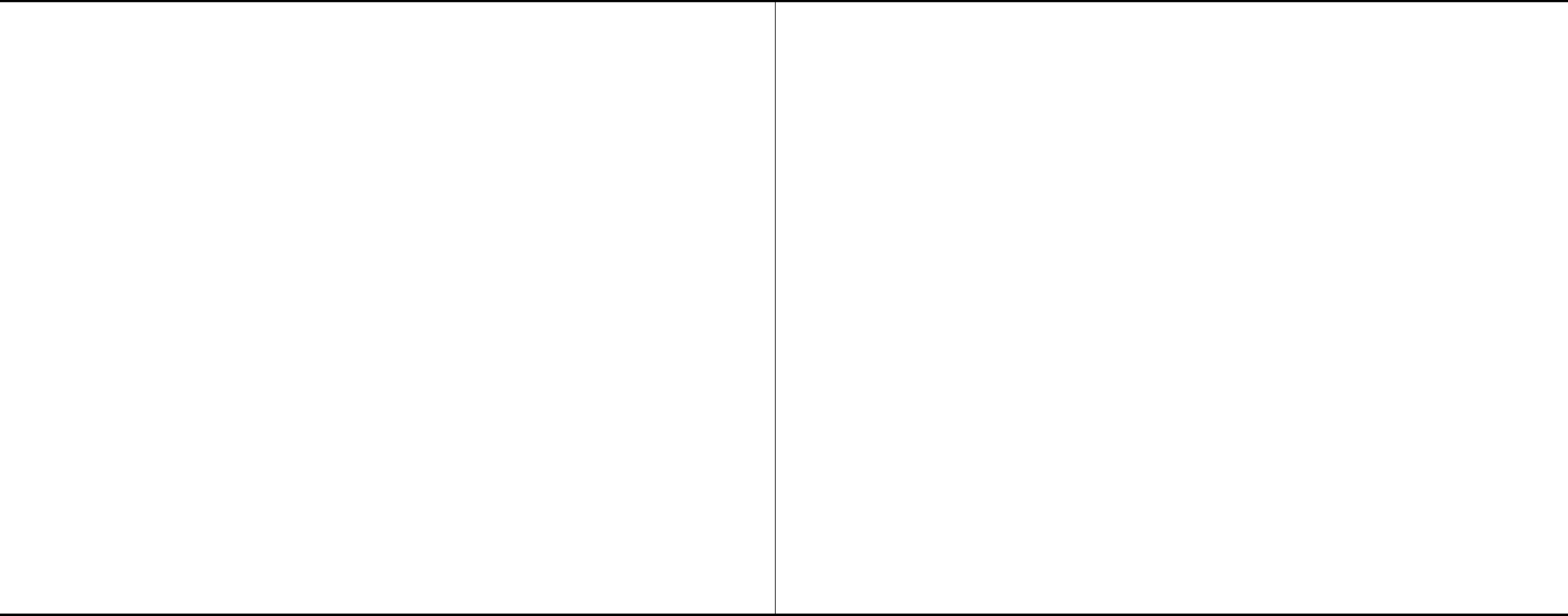
1 PORT WALL PHONE/DATA FACEPLATE ASSY-TYPICAL NO SCALE 2



TYPICAL COMMUNICATION CABLE LABELING DETAIL NO SCALE 3

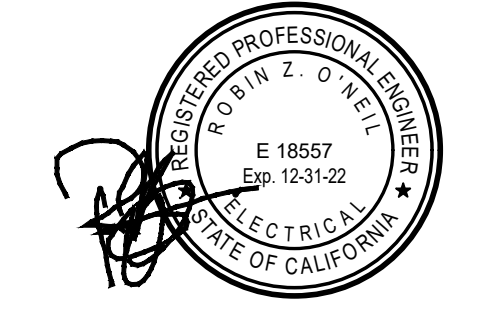


TYPICAL FLUSH MOUNTED DATA/VOICE OUTLET NO SCALE 4



TELECOM RISER DIAGRAM NO SCALE 8

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS



Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description
ELECTRICAL DETAILS

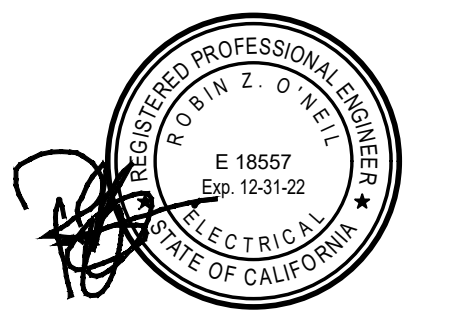
Scale
As indicated

E02.902

S:\PROJECTS\2020\SS - SHARED\2006\01 ICCD NURSING BUILDING\MODERNIZATION\GAC\04 ELEC\2006\01 ICCD E - DTL\DWG - E02.902.2021.1.11.PLT

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name
IVC - SCHOOL OF NURSING

Project Number
055.7853.000

Description

LIGHTING CONTROL DETAILS

Scale
As indicated

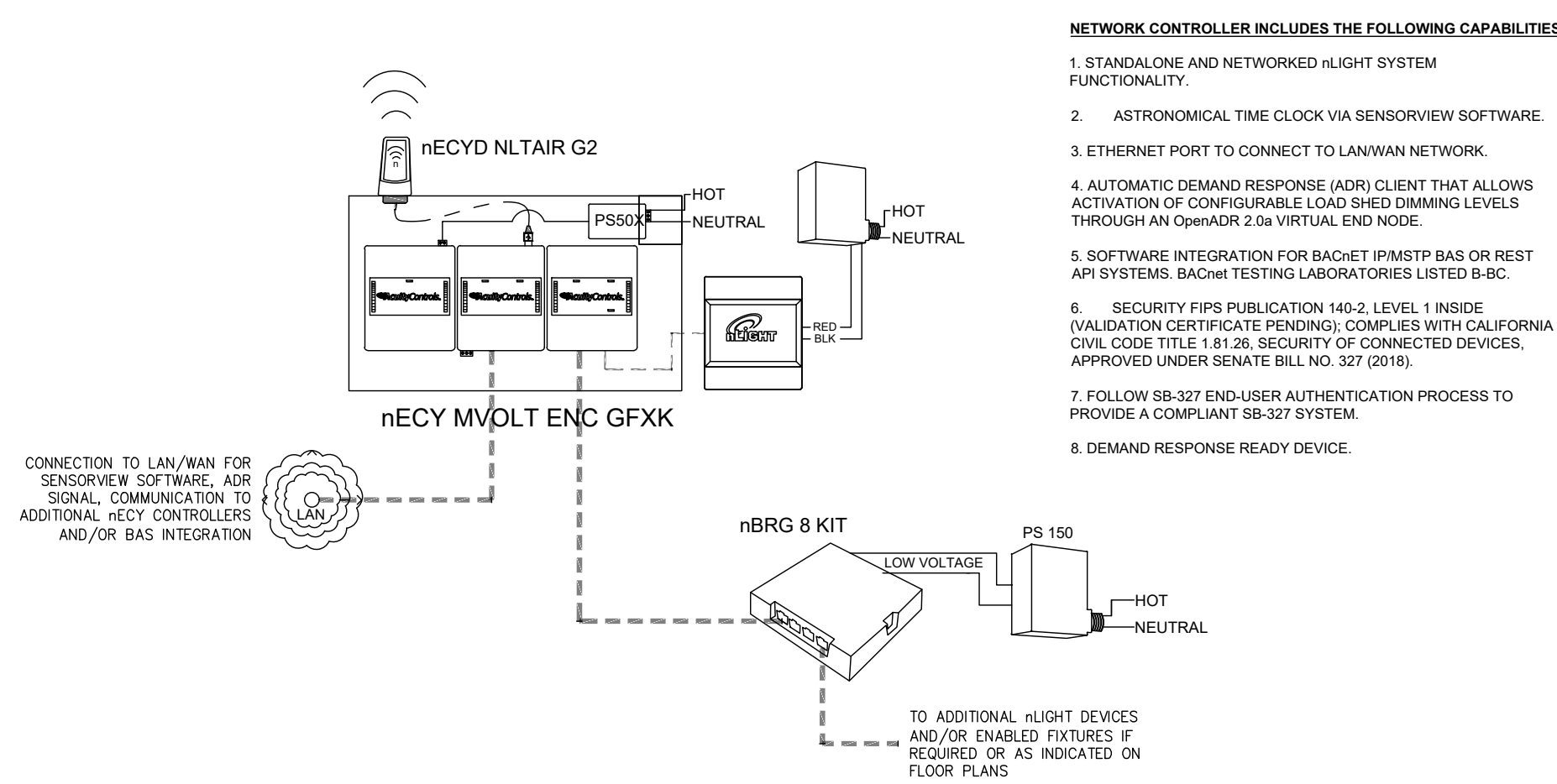
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GENERAL NOTES:

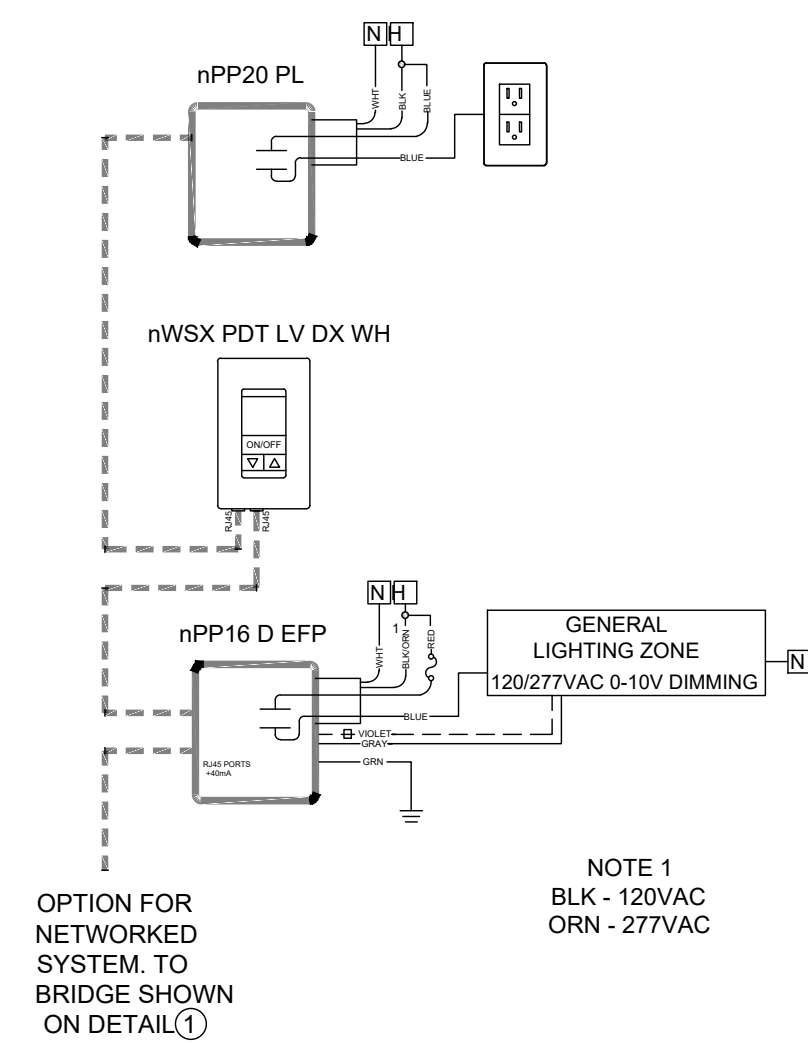
- DETAILS AND DESIGN IS BASED ON AN nLIGHT LIGHTING CONTROLS SYSTEM.
- DETAILS ARE DIAGRAMMATIC AND FOR REFERENCE OF SYSTEM AND ROOM TYPE REQUIREMENTS TO MEET BASIS OF DESIGN. REFER TO MANUFACTURERS SHOP DRAWINGS FOR QUANTITIES AND DEVICES USED FOR EACH SPACE AND NETWORK.
- LIGHTING CONTROL SUBMITTALS FOR NETWORKED SYSTEM SHALL INCLUDE THE FOLLOWING DOCUMENTS (NOT LIMITED TO FOLLOWING):
 - SHOP DRAWINGS SHOWING QUANTITY AND LOCATION OF ALL DEVICES.
 - STAND ALONE NETWORK SINGLE LINE DIAGRAM.
 - BASIS OF DESIGN PROGRAMMING OPERATION FOR EACH ROOM TYPE.
 - DEVICE CUTSHEETS.
- MANUFACTURER OR FACTORY REPRESENTATIVE TO INCLUDE STARTUP AND COMMISSIONING OF THE LIGHTING CONTROL SYSTEM. MUST INCLUDE A SITE VISIT FOR THE FOLLOWING:
 - A PRE-CONSTRUCTION MEETING TO CONFIRM DESIGN AND FIELD INSTALLATION REQUIREMENTS.
 - PROGRAMMING AND COMMISSIONING OF THE LIGHTING CONTROL SYSTEM TO MEET THE BASIS OF DESIGN AND TITLE 24 REQUIREMENTS.
 - MAINTENANCE / OWNER WALK THROUGH FOR MAKING FINAL ADJUSTMENTS TO PROGRAMMING.
- 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.
- ALL DEVICES SHALL BE MOUNTED AND INSTALLED IN ACCESSIBLE CEILING LOCATIONS. CONTRACTOR WILL VERIFY BEST FIT LOCATIONS IN THE FIELD.
- CONTRACTOR TO VERIFY COMPATIBILITY BETWEEN DIMMING POWERPACKS AND INSTALLED FIXTURES.

LIGHTING CONTROLS LEGEND AND DESCRIPTIONS

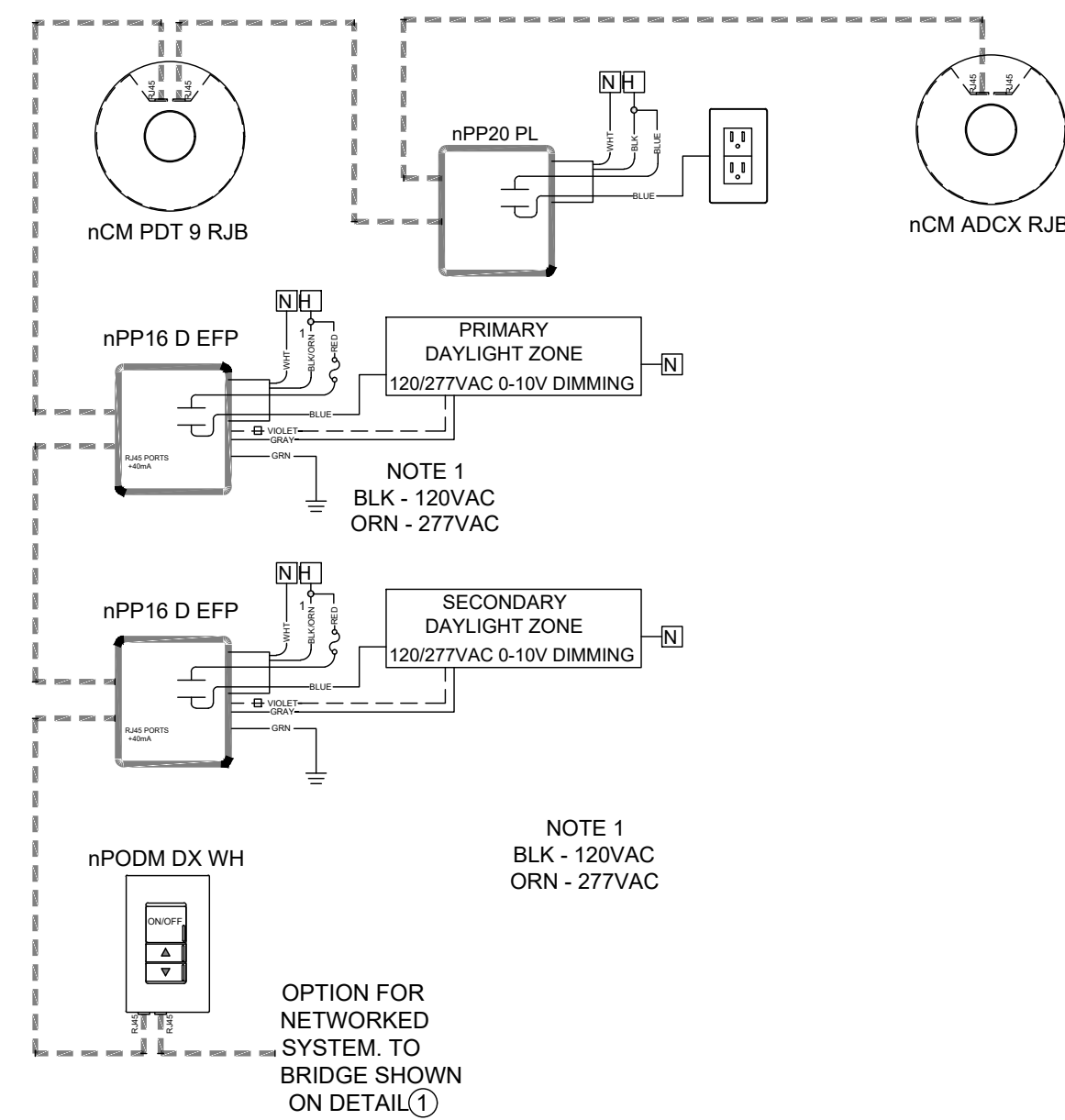
- OS EXTENDED RANGE 360° SENSOR-CEILING MOUNT, LOW VOLTAGE, PASSIVE DUAL TECHNOLOGY (PDT) DETECTION TECHNOLOGY SHALL BE SELECTABLE AS FOLLOWS: PRIMICROPHONICS/BOTH OS - nCM PDT 10 RJ/B
- DS AUTOMATIC DIMMING CONTROL PHOTOCELL- CEILING MOUNT, LOW VOLTAGE DS - nCM ADCX RJ/B
- DP 16 AMP (120/277V) POWER/RELAY PACK WITH 0-10V DIMMING CONTROL, CHASE NIPPLE MOUNTING DP - nPP16 D EFP SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL
- PL 20 AMP (120V) RELAY PACK FOR PLUG LOAD CONTROL, CHASE NIPPLE MOUNTING PL - nPP20 PL SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL
- PCD 5 AMP (120/277V) POWER/RELAY PACK PHASE DIMMING CONTROL, CHASE NIPPLE MOUNTING (277V NOT AVAILABLE WITH ELV) PCD - nSPS PCD (2W, 3W, MLV, ELV 120) SUBSCRIPT REFERENCES CIRCUIT/ZONE OF CONTROL
- S1 LOW VOLTAGE ON/OFF TOGGLE SWITCH WITH DIMMING 1-ZONE = S1 - nPODM DX 2-ZONE = S2 - nPODM 2P DX 4-ZONE = S4 - nPODM 4P DX SUBSCRIPT REFERENCES ZONE OF CONTROL
- S2 LOW VOLTAGE SCENE SELECTOR WITH DIMMING 2-SCENE = SS2 - nPODM 4S DX 4-SCENE = SS4 - nPODM 4S DX SUBSCRIPT REFERENCES ZONE OF CONTROL
- SFX LOW VOLTAGE GRAPHIC TOUCHSCREEN CONTROLLER, INCLUDES 16-ZONES AND 16-SCENES WITH DIMMING GFX - nPOD GFX SUBSCRIPT REFERENCES ZONE OF CONTROL
- WS LOW VOLTAGE WALL SWITCH OCCUPANCY SENSOR WITH ON/OFF/RAISE/LOWER, PASSIVE DUAL TECHNOLOGY (PDT) WS - nWSX PDT LV DX SUBSCRIPT REFERENCES ZONE OF CONTROL



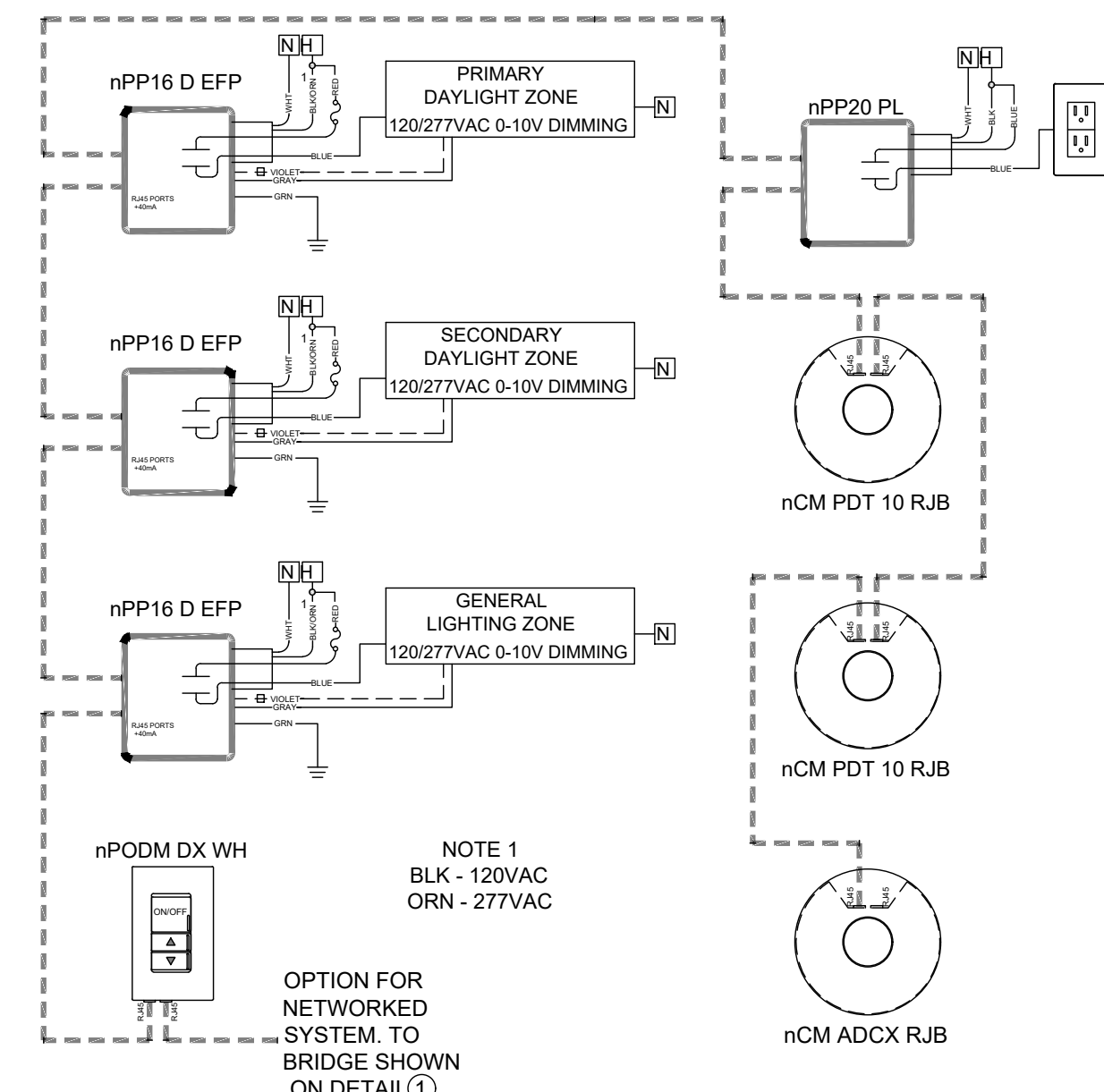
1 nLIGHT BACKBONE NETWORK DETAIL
N.T.S.



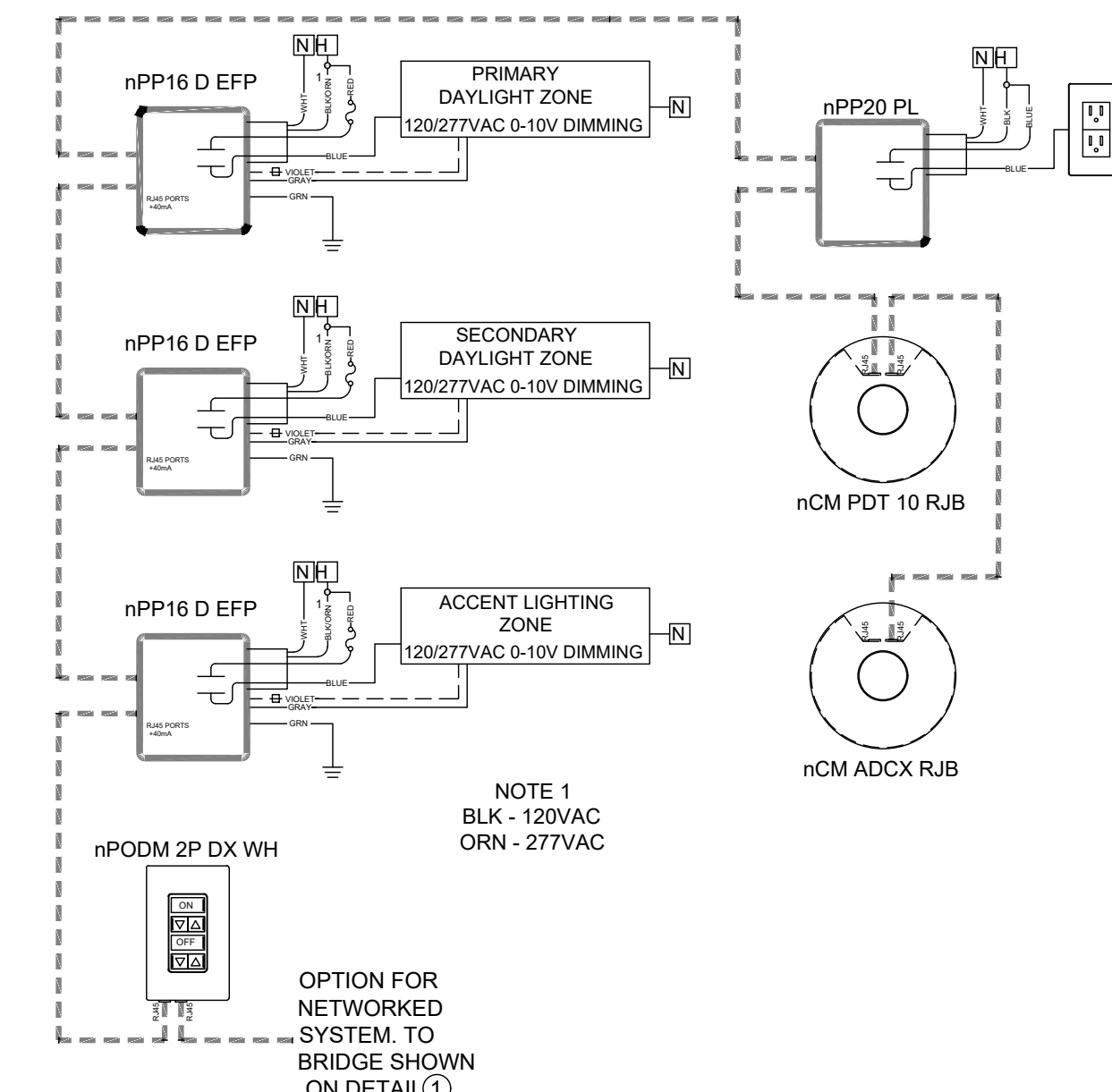
2 SMALL OFFICE DETAIL
N.T.S.



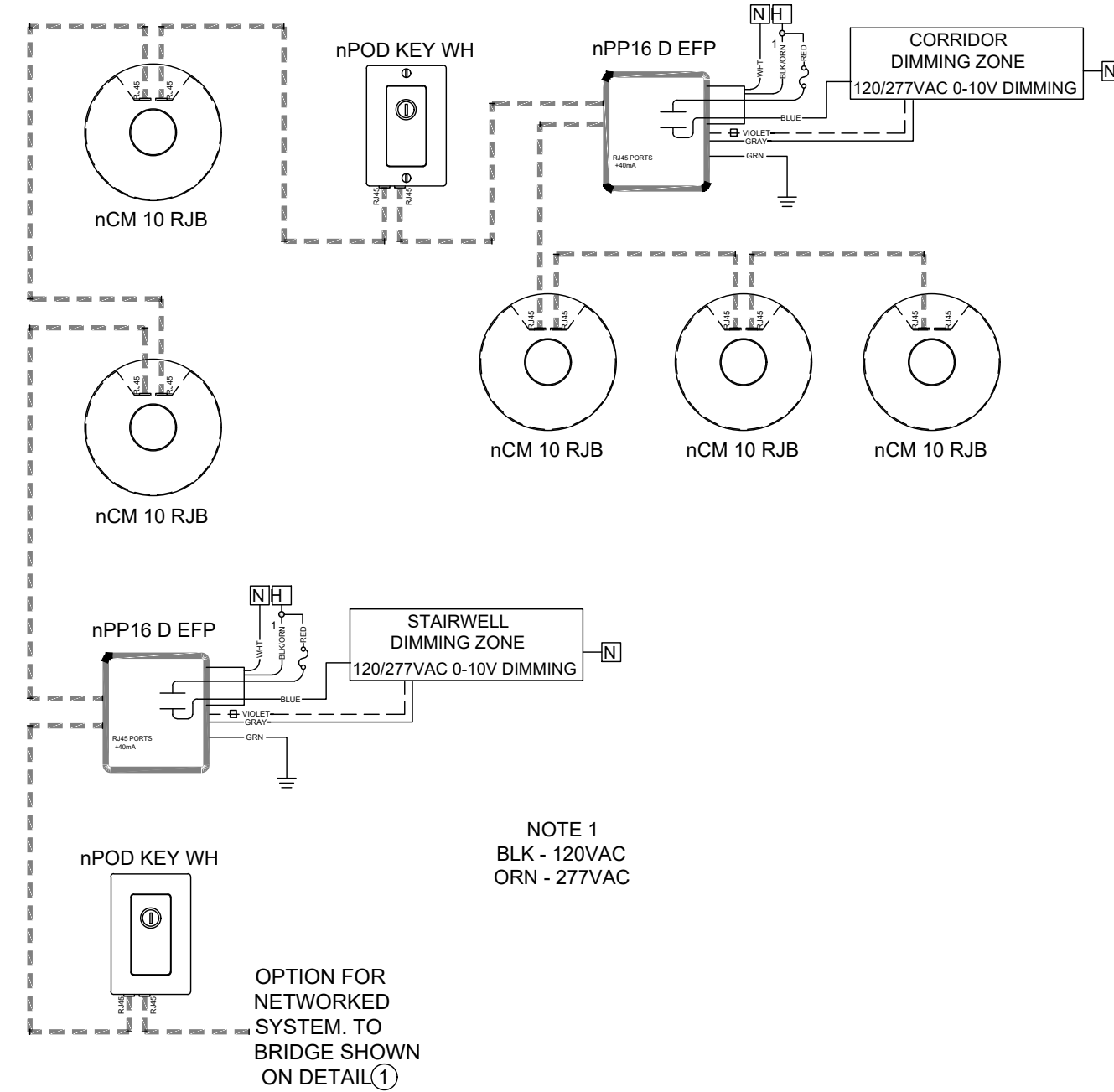
3 LARGE OFFICE DETAIL
N.T.S.



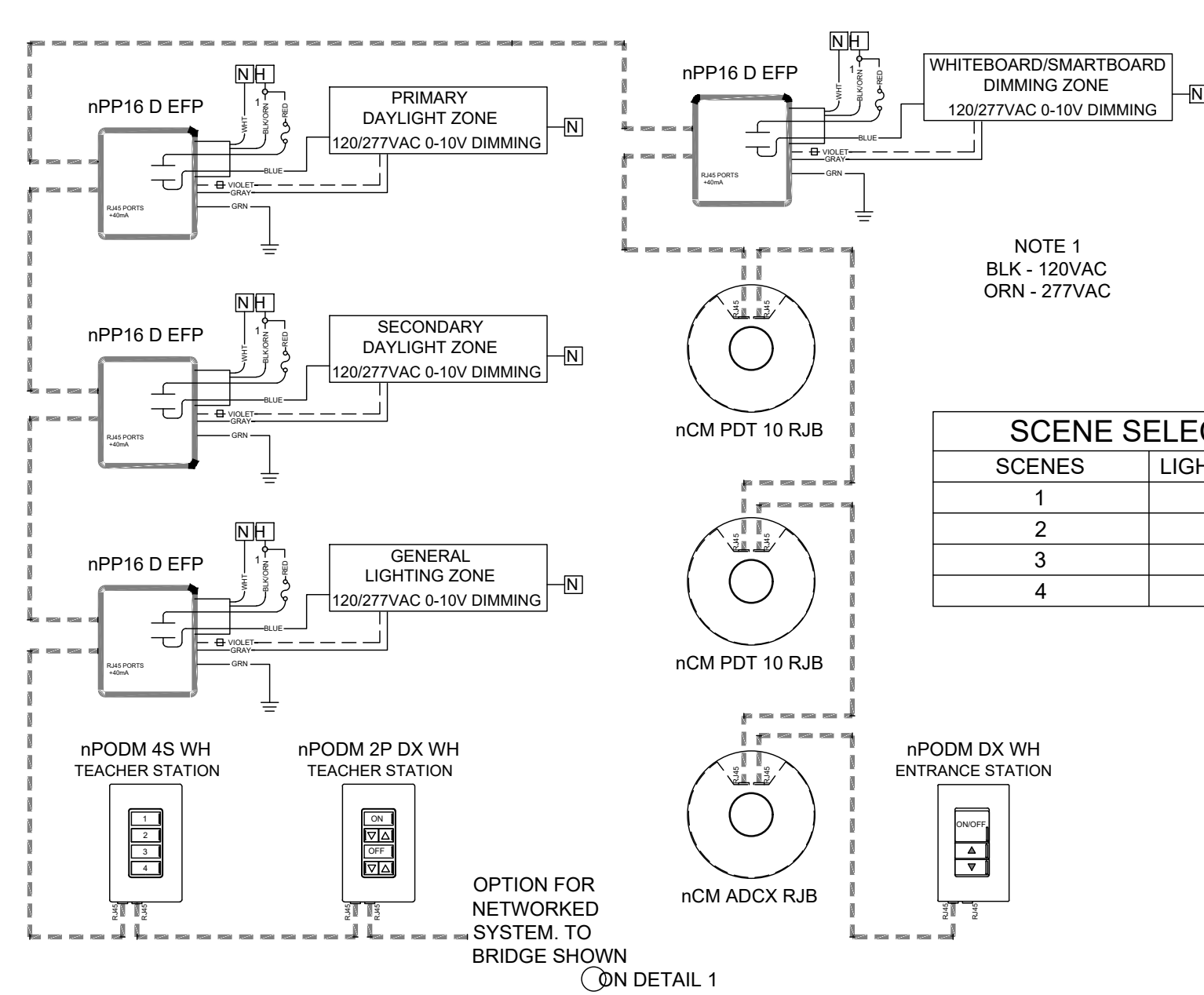
4 OPEN OFFICE DETAIL
N.T.S.



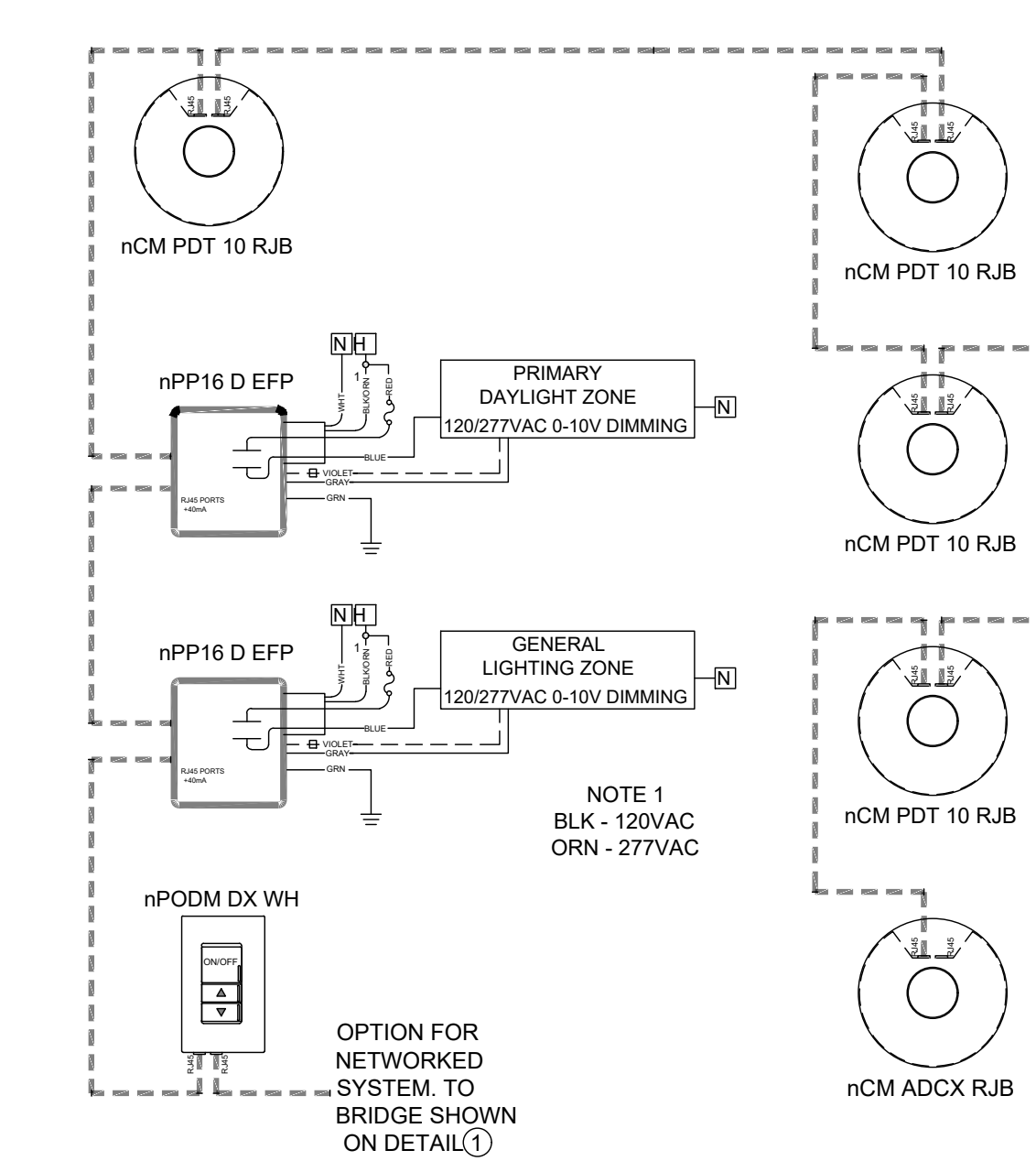
5 CONFERENCE DETAIL
N.T.S.



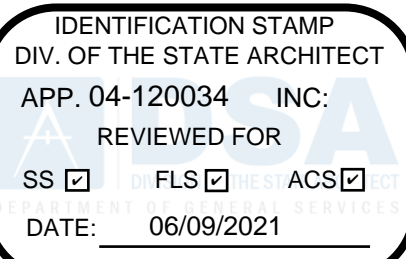
6 CORRIDOR/STAIRWELL DETAIL
N.T.S.



7 CLASSROOM DETAIL
N.T.S.



8 LAB DETAIL
N.T.S.



IMPERIAL VALLEY COLLEGE

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

Gensler

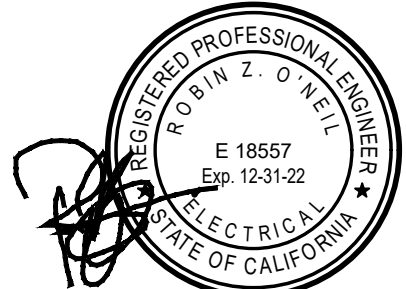
225 Broadway, Suite 100, San Diego, CA 92101, United States, Tel: 619.557.2500, Fax: 619.557.2500



9636 TIERRA GRANDE, SUITE 200, SAN DIEGO, CA, 92126, TEL: 619-765-6784, FAX: 658-812-2001, 200055.00

Table with 3 columns: Date, Description, and initials. Rows include 02.05.2021 SCHEMATIC DESIGN, 03.05.2021 DESIGN DEVELOPMENT, 04.15.2021 DSA SUBMITTAL, and 05.25.2021 DSA BACKCHECK.

Seal/Signature



Project Name: IVIC - SCHOOL OF NURSING

Project Number: 055.7853.000

Description

INDOOR TITLE 24 COMPLIANCE DOCUMENTS

Scale: As indicated

E02.904

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 3 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 4 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 5 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 2 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 6 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 7 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

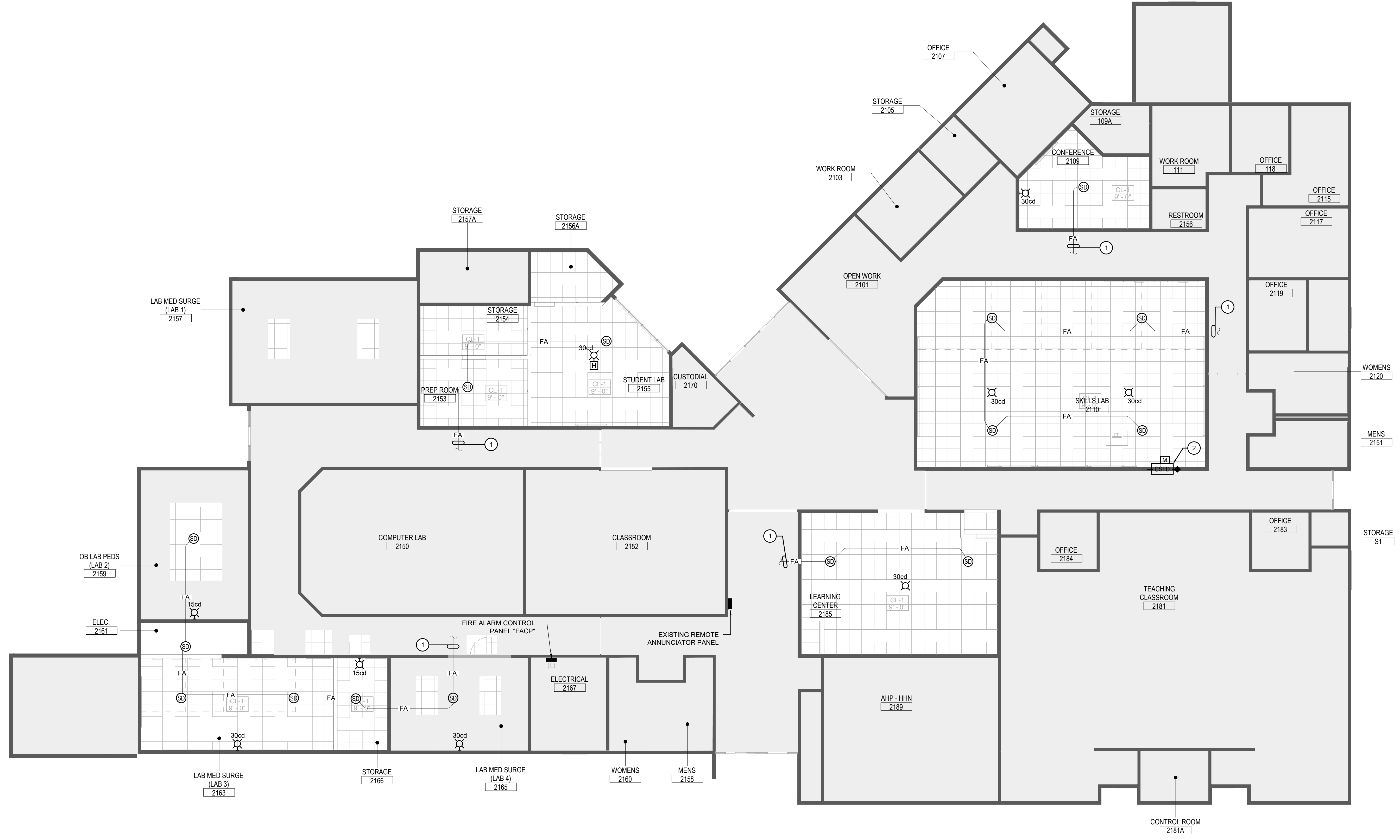
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STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 4 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

STATE OF CALIFORNIA Indoor Lighting NRCCL-174 CALIFORNIA ENERGY COMMISSION. CERTIFICATE OF COMPLIANCE. Project Name: ICCD Nursing Building Modernization. Report Page: (Page 7 of 8). Project Address: 380 E Aten Rd. Date Prepared: 4/9/2021.

S:\PROJECTS\2020\SSD-34\REVISED\2020\06\ICCD\NURSING BUILDING MODERNIZATION\04\04 ELEC\2020\06\ICCD TITLE 24 COMPLIANCE DOCUMENTS.DWG, 3/20/2021 11:11 PM

S:\PROJECTS\2020\SS - SHARED\2006\01 ICCD NURSING BUILDING MODERNIZATION\0404 ELEC\2006\01 ICCD FA FIRE ALARM PLAN.DWG, 5/20/2021 1:11 PM



GENERAL NOTES

1. THE EXISTING FIRE ALARM SYSTEM IS SUPPORTED BY A FULLY ADDRESSABLE SIMPLEX 4100 ES CONTROL PANEL. THE NEW DEVICES SHOWN, INCLUDING WIRING, SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM. THE QUANTITY, MODEL NUMBERS, WIRING & SPACING OF NEW DEVICES SHALL BE REVIEWED WITH THE SIMPLEX REPRESENTATIVE PRIOR TO BID AND INSTALLATION.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 04-120034 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/09/2021

IMPERIAL VALLEY COLLEGE

SCHOOL OF NURSING
 380 E ATEN ROAD
 IMPERIAL, CA 92251

Gensler
 225 Broadway Suite 100 San Diego, CA 92101 United States
 Tel: 619.557.2500 Fax: 619.557.2520

IDS
 IDS GROUP
 9636 TIERRA GRANDE, SUITE 200 SAN DIEGO, CA 92126
 TEL: 619-765-6784 FAX: 658-812-2001 202005.00

KEY NOTES

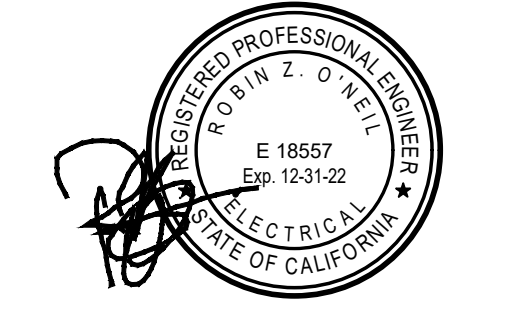
1. CONNECT TO NEAREST FIRE ALARM DEVICE.
2. FIRE SMOKE DAMPER TO BE CONNECTED TO EXISTING FIRE ALARM CONTROL PANEL.

WIRING LEGEND

FA - FIRE ALARM 3/4" C, #18 G.A. TWISTED PAIR, PAINT CONDUIT "RED"

Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK VK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name
 IVC - SCHOOL OF NURSING

Project Number
 055.7853.000

Description
 FIRE ALARM PLAN

Scale
 As indicated

FA02.201

S:\PROJECTS\2020\SS - SHARED\2006\01 ECCT NURSING BUILDING MODERNIZATION\AS BIDDING ELEC\2006\01 ECCT FA - PRODUCT SPECIFICATIONS.DWG, 5/20/2021 1:11 PM



UL, UL/C, CSFM Listed, FM Approved*

TrueAlarm Analog Sensing

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

Features

TrueAlarm analog sensing provides:

- Digital transmission of analog sensor values via IONet or MAPNET 3 two wire communications

For use with the following Simplex products:

- 4007ES, 4010, 4010ES, 4100ES, and 4100J Series control panels and 4008 Series control panels with reduced feature set (refer to data sheet **S4008-0001** for details)
- 400J, 4100, and 4120 Series control panels, Universal Transponders, and 2120 TrueAlarm CDS, 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 field temperature sensing thresholds: 135° F, 155° F and 190° F
- Rate-of-rise temperature sensing
- Utility temperature sensing
- Listed to UL 521 and UL-C-550

General Features:

- Operation is for ceiling or wall mounting
- Listed to UL 268 and UL-C529
- 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

condition is determined by comparing the sensor's present value against its average value and time.

Intelligent Data Evaluation

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.

Control Panel Selection

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 application requires.



Figure 1: 4098-0714 TrueAlarm Photoelectric Sensor Mounted in Base

Timed/Multi-Stage Selection

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 per sensor.

Sensor Alarm and Trouble LED Indication

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 announced 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 alarmed sensors.

TrueAlarm Sensor Bases and Accessories

Sensor Base Features

Base mounted address selection:

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

General features:

- Automatic identification provides default sensitivity when substituting sensor types
- Integral red LED for power-on (pulsing), or alarm or trouble (steady on)
- Locking anti-ramp design mounts on standard outlet box
- Magnetically operated functional test

* These products have been approved by the California State Fire Marshal (CSFM) pursuant to Section 13134.1 of the California Health and Safety Code. See CSFM Listings 7272-0026/2116, 027-0009-211, 029-0009-211, and 780-0002-211 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.

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UL, UL/C Listed, FM Approved*

TrueAlert ES Addressable Notification Appliances

Audible/Visible Notification Appliances, Indoor Ceiling Mount Multi-Candela Horn/Strobe, Model Series 49AV

Description

Ceiling Mount Addressable Visible (AV) 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 (SLC), LED and Xenon tube strobes devices are interoperable on the same IDNAC channel. (See TrueAlert ES AV LEGACY Compatibility Reference.)

Features

- Individually addressed and controlled multi-candela TrueAlert ES AV (audible/visible) notification appliances provide:**
 - Multi-candela sensor 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 mode; or 110, 135 or 185 cd on the AVII mode
 - 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 checking 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 AV LEGACY Compatibility Reference)
 - Strobe operation is listed to UL Standard 1971 and UL Standard 5206; Horn operation is listed to UL Standard 664 and UL Standard 5255

LED Indicator and Magnet Test feature:

- Appliance LED can be selected to display each polling cycle to indicate 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 bank 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
- Input wiring terminals for 18 AWG to 12 AWG
- Optional red wire guards (see Product Selection)

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" ($\pm 20\text{dB}$ difference) selectable at the appliance or from the controller with RCT mode selected at the appliance



Figure 1: TrueAlert ES Addressable AV

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 (SBCA, CBC, or SBCC), 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 two-wire 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.

Reduced current usage on IDNAC SLCs

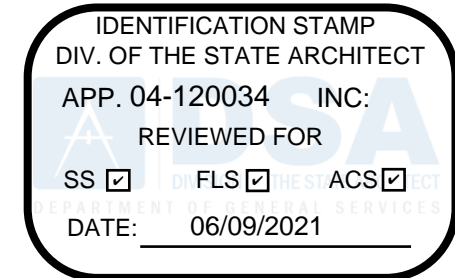
With **IDNAC SLCs**, a constant 29 VDC source voltage is maintained, even during battery standby, allowing strobes to operate at higher voltage with lower current and ensuring a consistent current draw and voltage drop margin under both primary power and secondary battery standby. Efficiencies include 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

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 (use and utilization), and overall installation efficiency. Use of Self-Test and Magnet Test features improve installation efficiency. TrueAlert Device reports conveniently identify information about each connected appliance.

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

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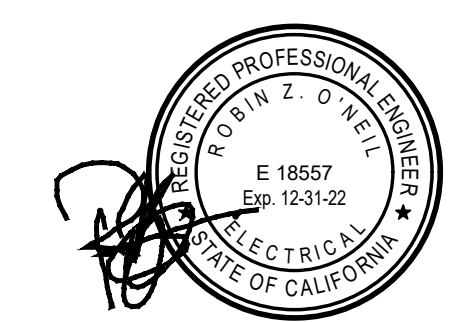
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Date	Description	AK SS
02.05.2021	SCHEMATIC DESIGN	AK SS
03.05.2021	DESIGN DEVELOPMENT	AK SS
04.15.2021	DSA SUBMITTAL	AK WK SS
05.25.2021	DSA BACKCHECK	AK SS

Seal/Signature



Project Name

IVC - SCHOOL OF NURSING

Project Number

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Description

FIRE ALARM PRODUCT SPECIFICATIONS

Scale

As indicated

FA02.901