

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL INCLUDING CONSTRUCTION WORKERS. MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7, 31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES, EXCEPT AS STATED BELOW. FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

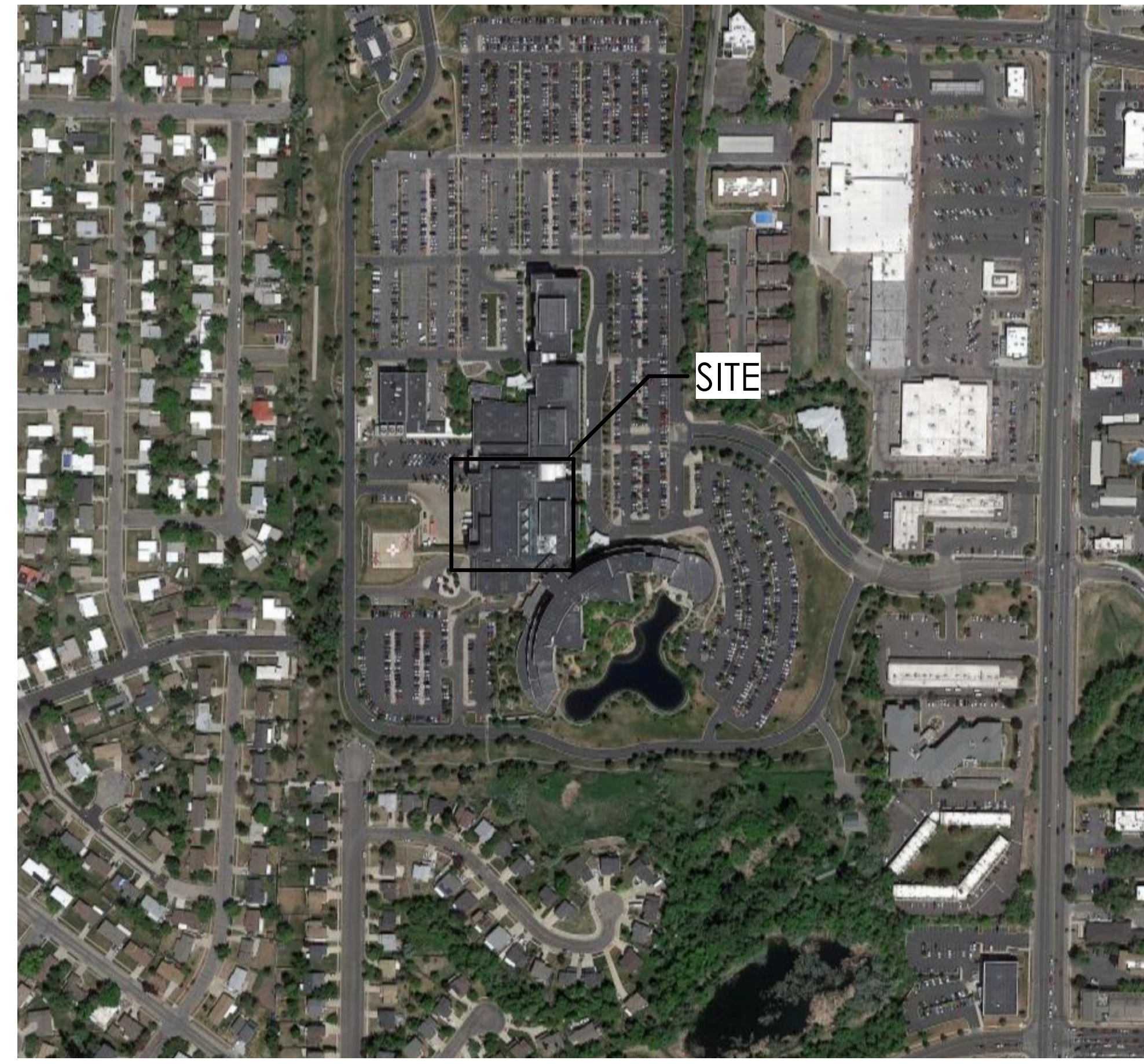
1. ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATIVE EXITS MUST BE DESIGNATED. BUILDINGS OR AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.
2. ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.
3. ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT, SYSTEM SHALL BE PROVIDED WHEN ANY FIRE SYSTEM IS IMPAIRED. TEMPORARY SYSTEMS MUST BE INSPECTED AND TESTED MONTHLY.
4. ENSURING TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.
5. PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF PERSONNEL.
6. PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.3.1.5 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.
7. DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.
8. CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.
9. INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.
10. TRAINING PERSONNEL WHEN STRUCTURAL OR COMPARTMENT FEATURES OF FIRE SAFETY ARE COMPROMISED.
11. CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- A. REMODEL OF EXISTING PULMONOLOGY CLINIC TO ADD THREE NEW EXAM ROOMS AND SHARED OFFICES.
- B. AREA: 1,409 SF

VICINITY MAP



DRAWING INDEX

GENERAL

- G001 Cover Sheet
- G002 General Information
- G003 General Information
- G004 American National Standard Institute Requirements
- G005 General Legend & Notes
- G111 Code Compliance Plan Level 4

ARCHITECTURAL

- A111 Demolition Floor Plan Level 4
- A112 Demolition Ceiling Plan Level 4
- A113 Floor Plan Level 4
- A116 Reflected Ceiling Plan Level 4
- A117 Finish Plan Level 4
- A251 Interior Elevations
- A501A Wall Types
- A502A Wall Details
- A502B Wall Details
- A503A Ceiling Details
- A504A Door & Window Details
- A505A Cabinet Legend & Details
- A505B Cabinet Details

MECHANICAL

- M000 Mechanical Title Sheet
- M001 Mechanical General Notes
- M011 Level 1 Thermal Zone Plan
- MD101 Level 4 Mechanical Demolition
- M101 Level 4 HVAC Plan
- MD111 Level 4 Mechanical Piping Demolition Plan
- M111 Level 4 Mechanical Piping Plan

PLUMBING

- P000 Plumbing Title Sheet
- PD100 Level 3 Plumbing Demolition Plan
- PD101 Level 4 Plumbing Demolition Plan
- P100 Level 3 Plumbing Plan
- P101 Level 4 Plumbing Plan
- P501 Plumbing Details
- P601 Plumbing Schedules

ELECTRICAL

- EE001 Electrical Cover Sheet
- EE002 Electrical General Notes
- EE501 Electrical Details
- EE701 Typical Mounting Details
- ED101 Level 4 Electrical Demolition Plan
- ED102 Level 4 Ceiling Demolition Plan
- EP101 Level 4 Power Plan
- EP551 Telecom Details
- EP650 Telecom Conduit Riser Diagram
- EL101 Level 4 Lighting Plan
- EL601 Light Schedule
- EY101 Level 4 Auxiliary Plan

INFECTION CONTROL RISK ASSESSMENT

CONSTRUCTION ACTIVITY TYPE

Major demolition or construction that creates major disruption, i.e. noise, dust, vibration, odor, or mechanical systems includes, but not limited to:

- heavy demolition or removal of a complete cabling system
- new construction or buildout of shielded space

INFECTION CONTROL RISK GROUP

Highest.

CONSTRUCTION CLASS

Construction Activity Type:

IC Risk Group	Type A	Type B	Type C	Type D
Lowest	Class I	Class II	Class III	Class IV
Medium	Class I	Class II	Class III	Class IV
High	Class I	Class II	Class III	Class IV
Highest	Class II	Class IV	Class IV	Class IV

INFECTION CONTROL PROTOCOLS

- During Construction (Class IV):
- Platform work using methods to minimize raising dust or tracking dust into other areas.
 - Immediately replace ceiling tile upon completion of inspection.
 - Use active dust control measures.
 - Use water mist to control dust while cutting.
 - Seal doors, ducts, vents and HVAC units.
 - Place dust control mats at entries to work area; keep them clean and effective.
 - Remove debris only in tightly covered containers.
 - Construct barriers to prevent dust and other contaminant migration prior to beginning work.
 - Maintain negative air pressure in work space using HEPA filtration units.
 - Seal all pipes, conduits and penetrations.
 - Construct and use anteroom for all entry to work area; HEPA vacuum all personnel, or have them change clothing before they leave the work area.
 - All personnel wear shoe covers while in the work area and remove them before entering the hospital.

Upon Completion (Class IV):

- Clean work area.
- Wipe all horizontal surfaces with disinfectant.
- Remove final debris only in tightly covered containers.
- Vacuum using HEPA filtered vacuum; mop with disinfectant as appropriate.
- Remove all seals from doors, ducts, vents and HVAC units.
- Remove construction barriers in a manner that minimizes the spread of dust and debris.

ABBREVIATIONS

& AND	DWL DOWEL	INT. INTERIOR	P.S.F. POUNDS PER SQUARE FOOT	V.C.P. VITREOUS CLAY PIPE
@ AT	DN. DOWN	INV. INVERT	R. RADIUS	W. WATER CLOSET
Ø DIAMETER	D.S. DOWN SPOUT	J. JANITOR	RAO. REC. RECOMMENDATION	WH. WATER HEATER
(E), EXIST. EXISTING	D.W.V. DRAINAGE WASTE VENT	JT. JOINT	REG. REGISTER	WR. WATER RESISTANT
(N) NEW	DWG. DRAWING	JST. JOIST	REQ'D. REQUIRED	WP. WATERPROOF
d PENNY	E. EACH	L. LAM. LAMINATED	RA. RETURN AIR	W.F.F. WELDED WIRE FABRIC
# POUND OR NUMBER	E.W.C. ELEC. WATER COOLER	LDG. LANDING	REV. REVISION	WF. WIDE FLANGE
A. AC. ACOUSTIC	EL./ELEC. ELECTRIC	LAV. LAVATORY	R.D. ROOF DRAIN	WDW. WINDOW
ADD. ADDENDUM	ELEV. ELEVATION	LT. LIGHT	RFG. ROOFING	W. WITH
A/C. AIR CONDITIONING	EQ. EQUAL	L.W.C. LIGHT WEIGHT CONCRETE	RM. ROOM	W/O WITHOUT
ALT. ALTERNATE	EQUIP. EQUIPMENT	LVR. LOUVER	RGH. ROUGH	WD. WOOD
AL. ALUMINUM	EXH. EXHAUST	M. M. MACHINE BOLT	RND. ROUND	S. SCREW
A.B. ANCHOR BOLT	EXST. EXISTING	M.F. MANUFACTURER	SECT. SECTION	SEL. SELECT
ARCH. ARCHITECT(URAL)	E.J. EXPANSION JOINT	M.O. MASONRY OPENING	SHT. SHEET	SH. SHEET
ASP. ASPHALT	EXT. EXTERIOR	MATL. MATERIAL	SIM. SIMILAR	SLDG. SLIDING
B. BASEMENT	F. FEET	MECH. MECHANICAL	SM. SMOOTH	SPEC. SPECIFICATION
B.M. BENCHMARK	FT/F.V. FIELD VERIFY	MTL. METAL	SPL. SPLASH	SQ. SQUARE
B.K.G. BLOCKING	FIN. FINISHED	MIN. MINIMUM	SG. SQUARE	S.S. STAINLESS STEEL
BD. BOARD	F.E. FIRE EXTINGUISHER	MULDG. MOLDING	STD. STANDARD	STRUC. STRUCTURE
B.O. BOTTOM OF	F.E.C. FIRE EXTINGUISHER CABINET	MULL. MULLION	STRUC. STRUCTURE	S.A. SUPPLY AIR
BLDG. BUILDING	FIXT. FIXTURE	N. N.G. NATURAL GRADE	SUSP. SUSPENDED	SW.BD. SWITCHBOARD
C. CABINET	FL. FLASHING	N.O.M. NOMINAL	SW.BD. SWITCHBOARD	T. TELCO
CABT. CABINET	G. GALV. GALVANIZED	N/A. NOT APPLICABLE	T&G. TONGUE & GROOVE	T&B. TOP & BOTTOM
C.I.P. CAST IN PLACE	GA. GAUGE	N.I.C. NOT IN CONTRACT	T&B. TOP & BOTTOM	T.O. TOP OF
C.B. CATCH BASIN	G.C. GENERAL CONTRACTOR	N.I.S. NOT TO SCALE	T.O.C. TOP OF CURB	T.O.D. TOP OF DECK
CLG. CEILING	G.S.N. GENERAL STRUCTURAL NOTES	O. ON CENTER	T.O.P. TOP OF PARAPET	TYP. TYPICAL
CL. CENTER LINE	G.L. GLASS	O.D. OUTSIDE DIAMETER		
C.T. CERAMIC TILE	GD. GRADE	O.R.D. OVERFLOW ROOF DRAIN		
CH. CHANNEL	GR. GRILL	O.F.S. OVERFLOW SCUPPER		
C.O. CLEAN OUT	GRD. GROUND	O.F.C.I. OWNER FURNISHED, CONTRACTOR INSTALLED		
CLR. CLEAR	GYP. GYPSUM	O.F.O.I. OWNER FURNISHED, OWNER INSTALLED		
CL. CLOSET	H. HDW. HARDWARE	P. PAINT		
COL. COLUMN	HDWD. HARDWOOD	PTD. PAINTED		
CONC. CONCRETE	HTR. HEATER	PR. PAIR		
CMU. CONCRETE MASONRY UNIT	HE. HEIGHT	PNL. PANEL		
COND. CONDITION	H.P. HIGH POINT	d PENNY		
CON. CONNECTION	H.M. HOLLOW METAL	P.L. PLASTIC LAMINATE		
CONST. CONSTRUCTION	HORIZ. HORIZONTAL	PL. PLATE		
CONT. CONTINUOUS	H.B. HOSE BIB	PLBG. PLUMBING		
CJ. CONTROL JOINT	H.W. HOT WATER	P.S.I. POUND PER SQUARE INCH		
D. DAMP PROOFING	HR. HOUR			
D.B. DECK BEARING	I. INCH			
DIAG. DIAGONAL	IN. INCH			
DIA. DIAMETER	I.D. INSIDE DIAMETER			
DIM. DIMENSION	INSUL. INSULATION			
DISP. DISPENSER				

DEFERRED SUBMITTALS

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL.

1. DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:
 - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
 - AUTOMATIC FIRE SPRINKLER PLANS

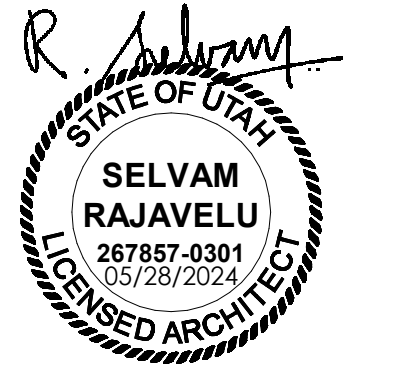
SPECIAL INSPECTIONS

SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTIONS REQUIRED.

DEFINITIONS

1. GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT.
2. "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT.
3. "DIRECTED": A COMMAND OR INSTRUCTION BY ARCHITECT, OTHER TERMS INCLUDING "REQUESTED," "AUTHORIZED," "SELECTED," "REQUIRED," AND "PERMITTED" HAVE THE SAME MEANING AS "DIRECTED."
4. "INDICATED": REQUIREMENTS EXPRESSED BY GRAPHIC REPRESENTATIONS OR IN WRITTEN FORM ON DRAWINGS, IN SPECIFICATIONS, AND IN OTHER CONTRACT DOCUMENTS, OTHER TERMS INCLUDING "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" HAVE THE SAME MEANING AS "INDICATED."
5. "REGULATIONS": LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AND RULES, CONVENTIONS, AND AGREEMENTS WITHIN THE CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF THE WORK.
6. "TURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
7. "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT PROJECT SITE.
8. "PROVIDE": FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
9. "PROJECT SITE": SPACE AVAILABLE FOR PERFORMING CONSTRUCTION ACTIVITIES. THE EXTENT OF PROJECT SITE IS SHOWN ON DRAWINGS AND MAY OR MAY NOT BE IDENTICAL WITH THE DESCRIPTION OF THE LAND ON WHICH PROJECT IS TO BE BUILT.

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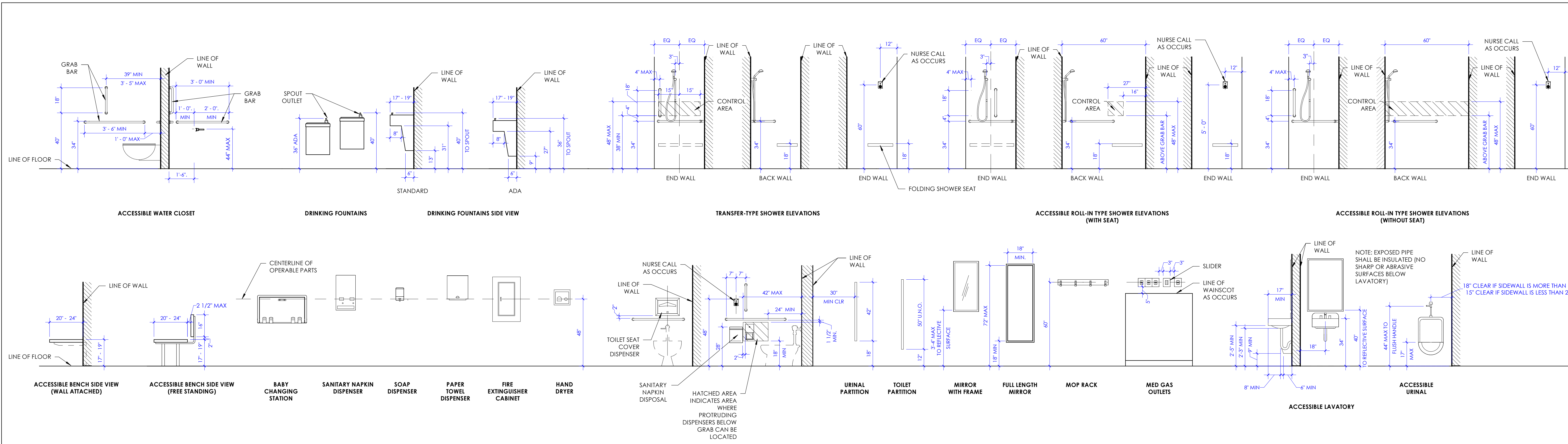
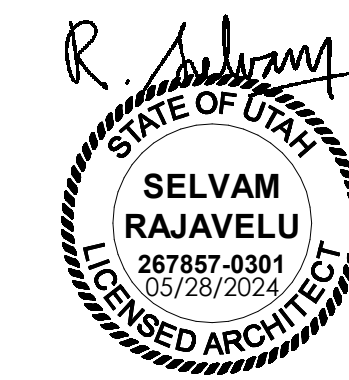


Intermountain Health
 McKay Dee Hospital
 Pulmonary Clinic Remodel
 4401 Harrison Blvd
 Ogden, Utah 84403

NJRA Project # 23354.00
 Construction Documents May 28, 2024

General Information

G002



1 Typical Mounting Heights
SCALE: 3/8" = 1'-0"

LEGEND - MATERIALS

HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

Concrete	Finish Wood
Gypsum Board	Blocking
Steel	Stone
Earth	Gravel
Masonry Concrete Block	Ball Insulation
Masonry Brick	Insulation Rigid

GENERAL INFORMATION SYMBOLS & TAGS

<p>SHEET NUMBERING SYSTEM</p> <p>A100A</p> <ul style="list-style-type: none"> PROJECT AREA SHEET NUMBER SEQUENCE SHEET TYPE DISCIPLINE 	<p>ROOM TAG</p> <p>ROOM NAME: OFFICE-4, 155 SF, (O.L. 999)</p> <p>ROOM COUNT DESIGNATION: 155 SF</p> <p>DENOTES OCCUPANT LOAD IN CODE COMPLIANCE PLANS.</p> <p>DENOTES ROOM AREA OF 155 SQUARE FEET</p> <p>ROOM NUMBER, LETTER "A" IN THE ROOM NUMBER DENOTES "AREA A" IN THE PROJECT, NUMBER "3" DENOTES "FLOOR LEVEL 3", NUMBER "24" DENOTES ROOM NUMBERING SEQUENCE IN THE PROJECT AREA.</p>	<p>DOOR TAG</p> <p>DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p> <p>THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER</p> <p>SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.</p>
<p>GRID TAG</p> <p>GRID REFERENCE LETTER - A, B, C, ETC. (USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT)</p> <p>GRID REFERENCE NUMBER - 1, 2, 3, ETC. (USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM)</p>	<p>DATUM POINT TAG</p> <p>HEIGHT ABOVE FINISH FLOOR</p>	<p>WINDOW TAG</p> <p>WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>
<p>NORTH ARROW</p> <p>NORTH</p>	<p>CEILING HEIGHT TAG</p> <p>B.O.C. BOTTOM OF CEILING</p> <p>B.O.H. BOTTOM OF HEADER</p>	<p>FLOOR FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR FLOOR COVERING AND FINISHES REQUIRED.</p>
<p>BUILDING SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS</p>	<p>SPOT ELEVATION</p> <p>DENOTES BUILDING REFERENCE ELEVATION</p> <p>T.O.W. TOP OF WALL</p> <p>T.O.C. TOP OF CURB</p> <p>D.B.E. DECK BEARING ELEVATION</p> <p>F.F.E. FINISH FLOOR ELEVATION</p> <p>B.O.V. BOTTOM OF VENEER</p> <p>T.O.S. TOP OF SIDEWALK</p> <p>T.O.C. TOP OF CURB</p>	<p>WALL BASE TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL BASE TYPE.</p>
<p>WALL SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>	<p>VERTICAL ELEVATION</p> <p>DENOTES FLOOR LEVEL</p> <p>DENOTES BUILDING REFERENCE ELEVATION</p>	<p>WALL FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL FINISHES REQUIRED.</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>FLOOR PLAN MATCHLINE</p> <p>DETAIL LOCATION NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>CEILING FINISH TAG</p> <p>TAGS ARE INDICATED ON REFLECTED CEILING PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR CEILING FINISHES REQUIRED.</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>REVISION TAG</p> <p>CLOUD INDICATES DRAWING REVISION AREA</p> <p>REVISION NUMBER</p>	<p>OTHER FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A. FOR FINISHES REQUIRED.</p>
<p>EXTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN</p>	<p>KEYED NOTES - PROJECT SPECIFIC</p> <p>KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS</p> <p>DIVISION #</p> <p>DIVISION NOTE</p>	<p>CABINET TAG</p> <p>CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.</p>
<p>INTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLANS</p>	<p>KEYED NOTES - GENERIC</p> <p>KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS.</p>	<p>SIGN TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL 2/A504A</p>
	<p>WALL TAG</p> <p>WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.</p>	

DOORS AND DOORWAYS

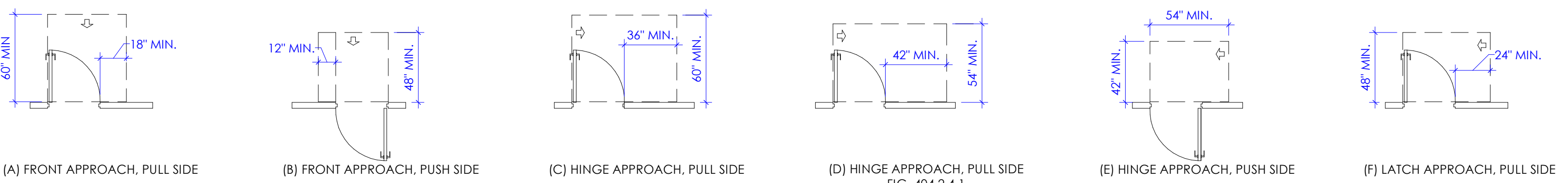


FIG. 404.2.4 TWO DOORS IN A SERIES

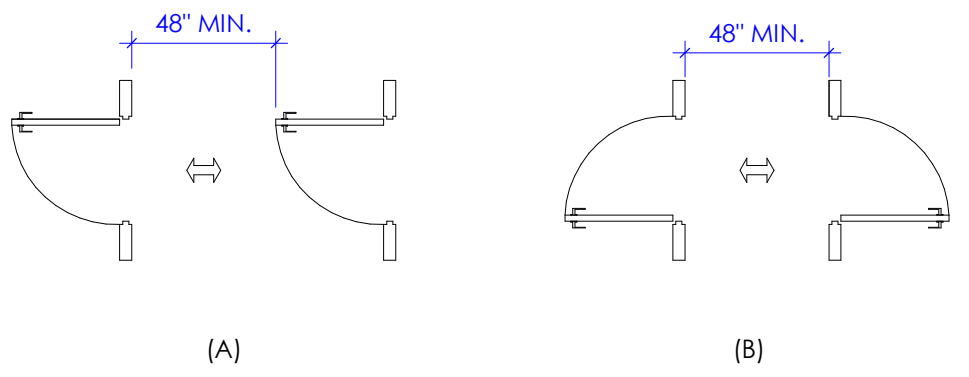
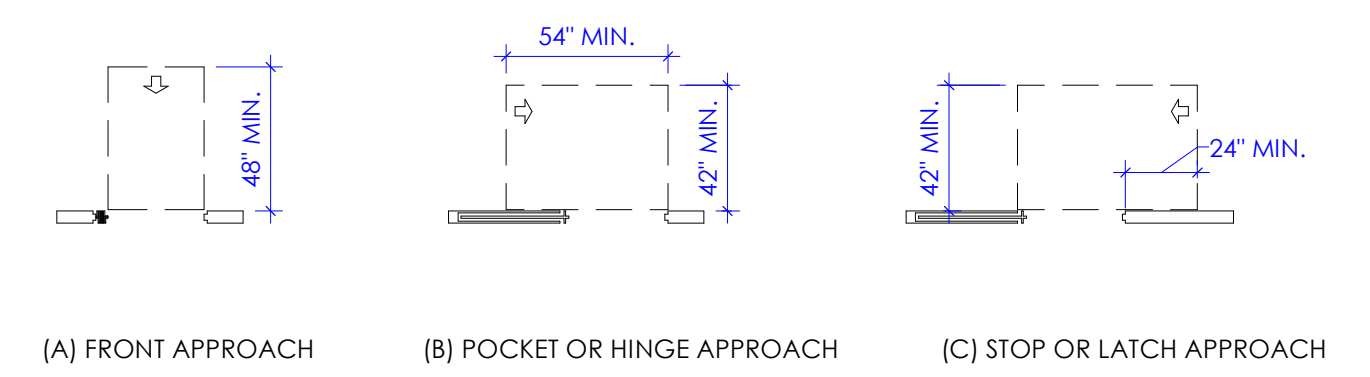
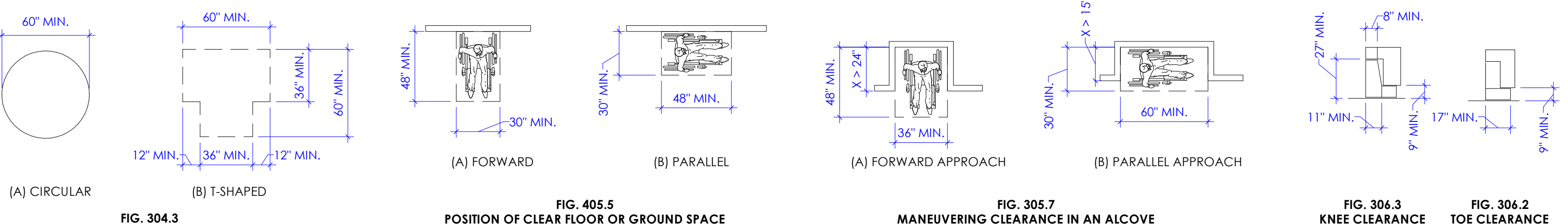


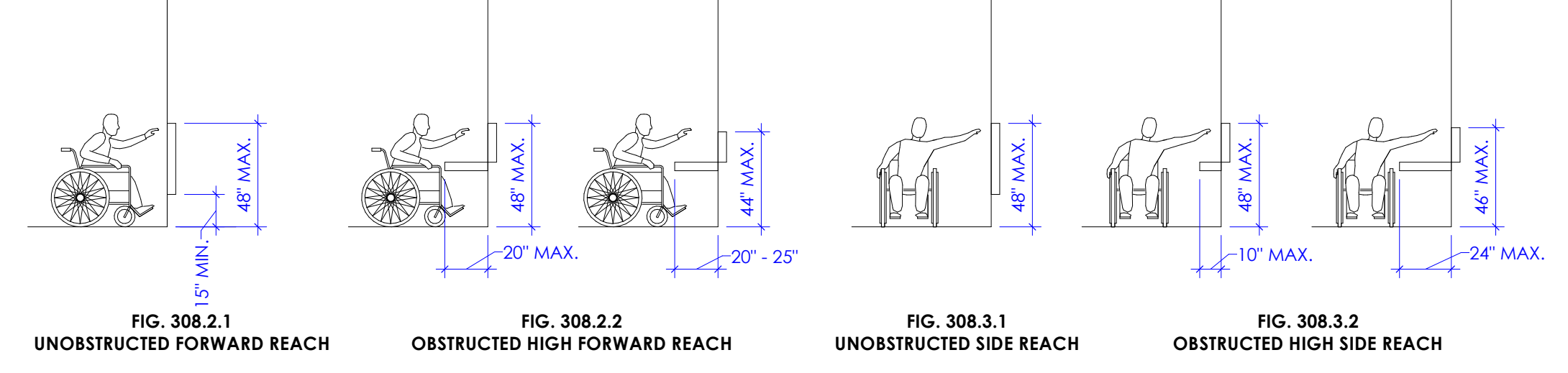
FIG. 404.2.2 MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



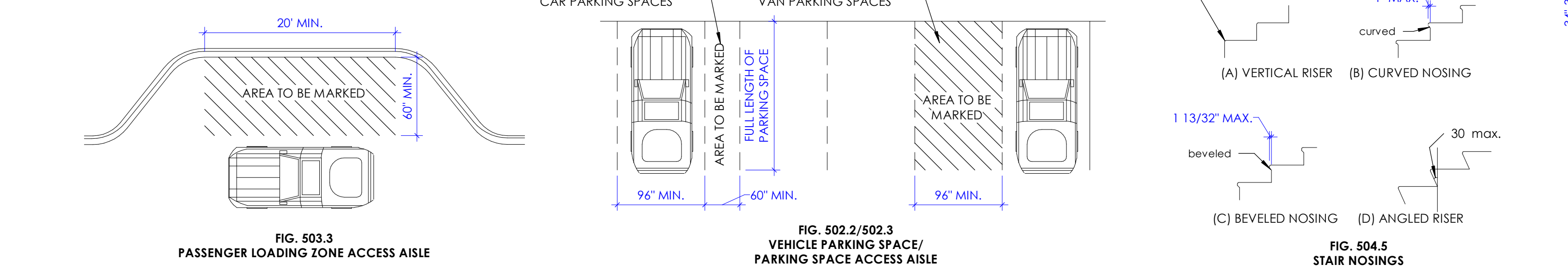
CLEAR FLOOR SPACE



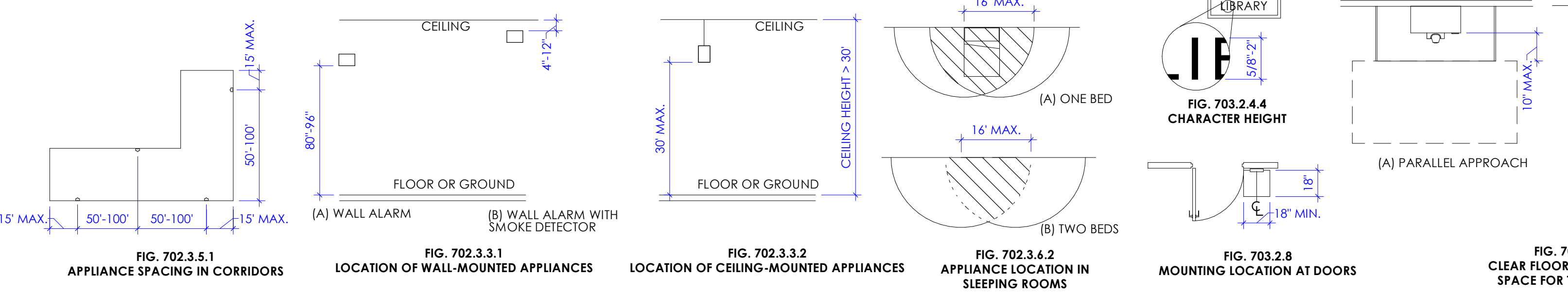
REACH RANGES



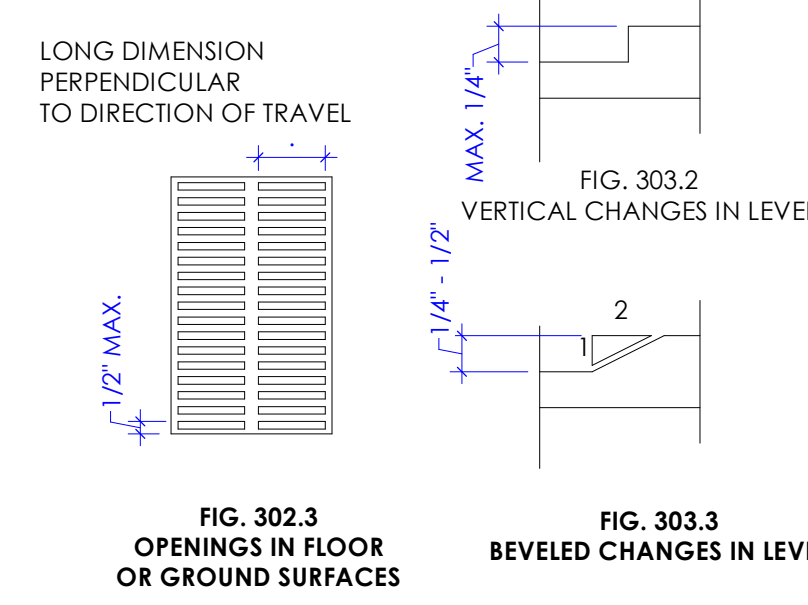
GENERAL SITE AND BUILDING ELEMENTS



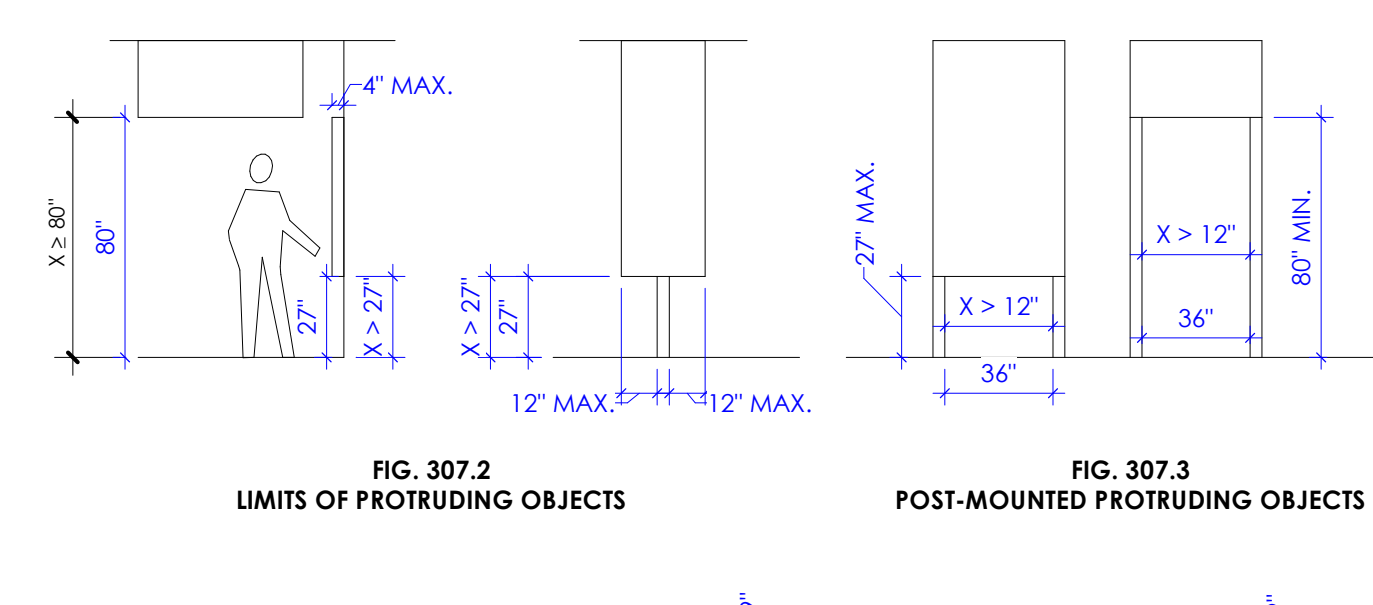
COMMUNICATION ELEMENTS AND FEATURES



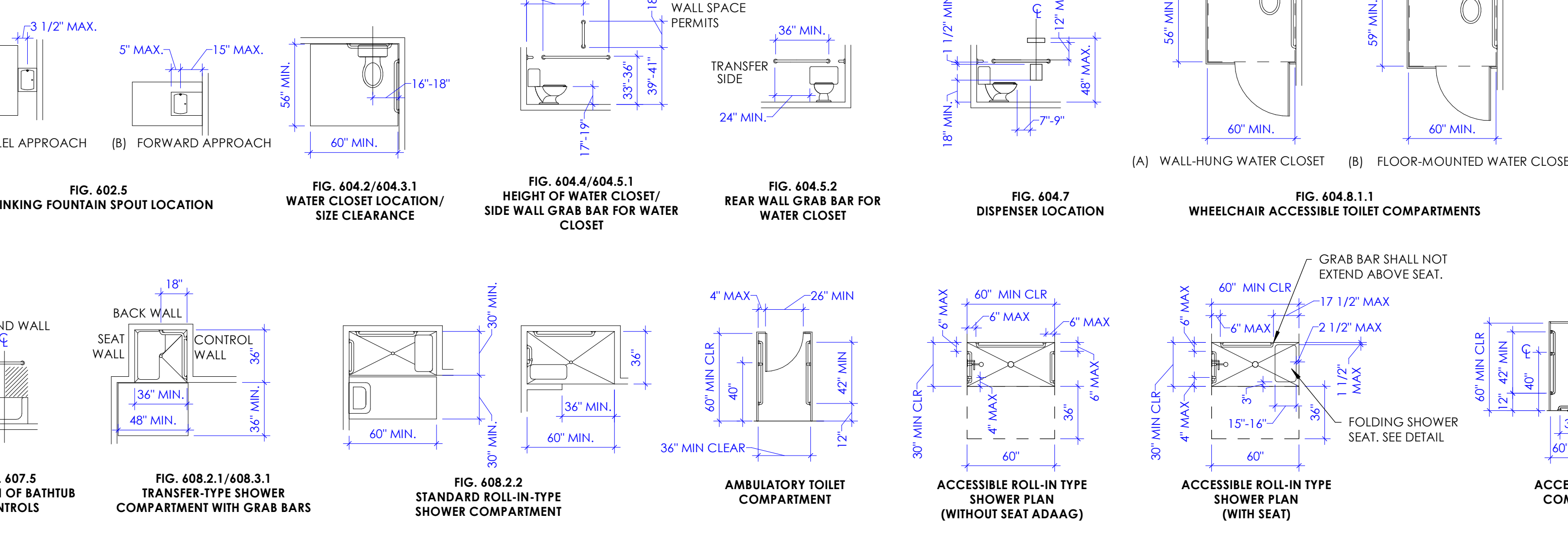
BUILDING BLOCKS



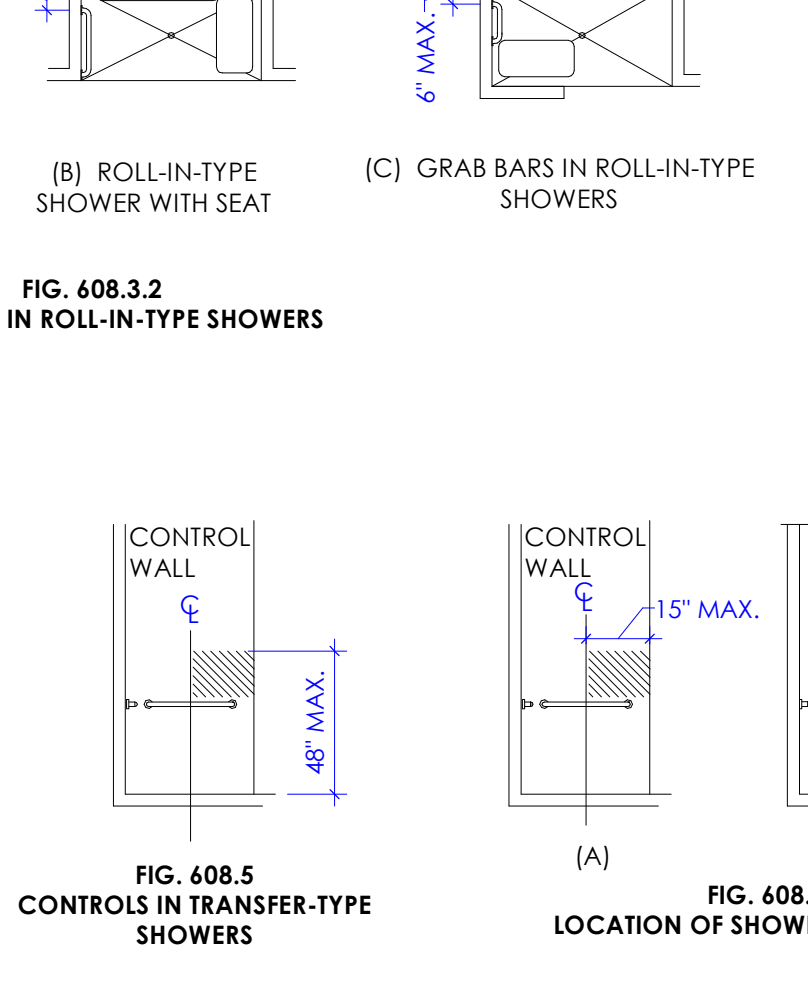
PROTRUDING OBJECTS



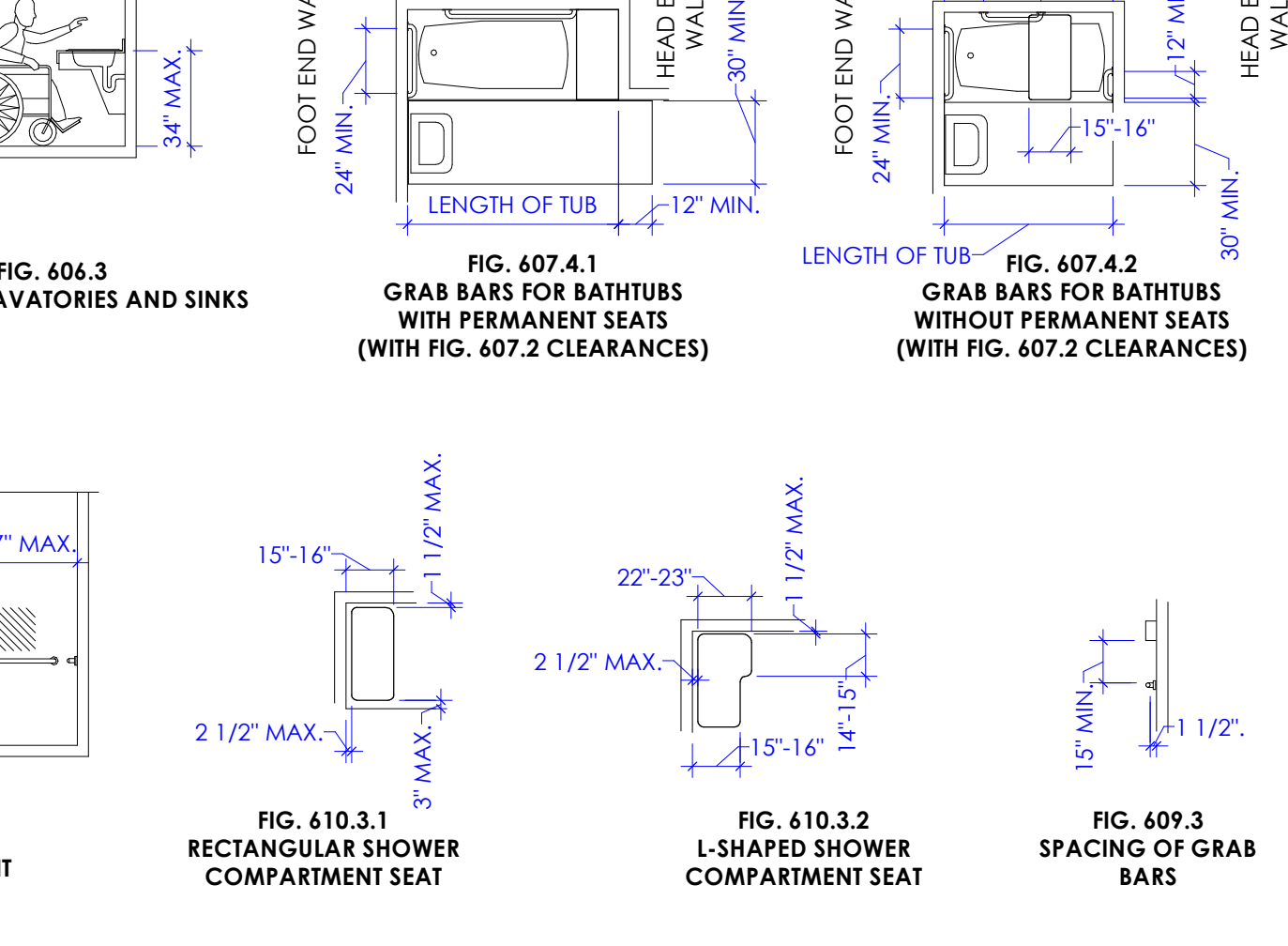
PLUMBING ELEMENTS AND FACILITIES



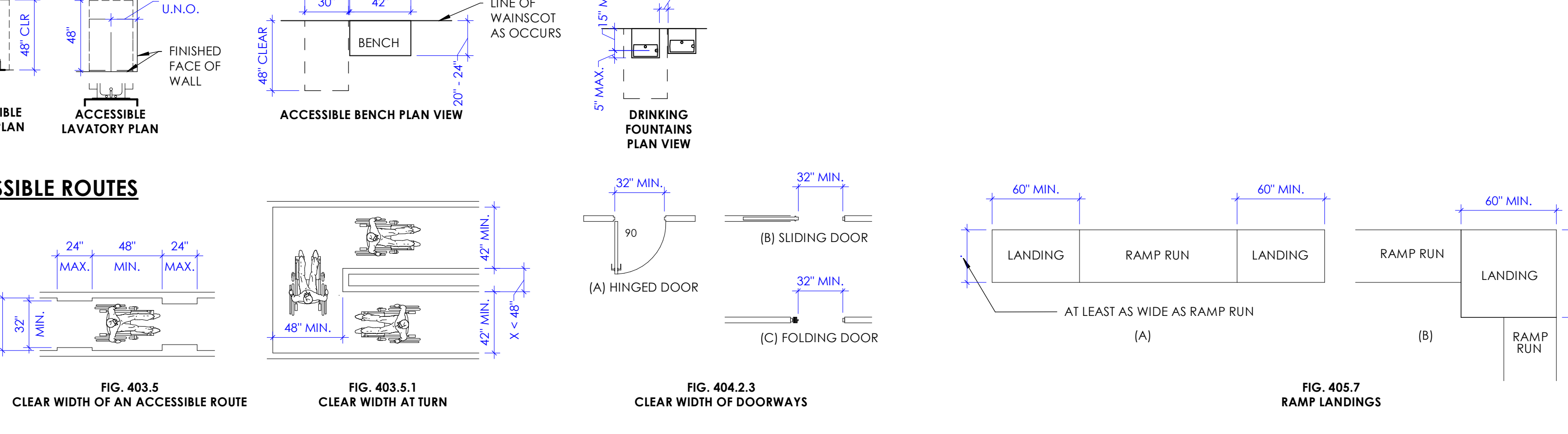
GRAB BARS IN ROLL-IN-TYPE SHOWERS

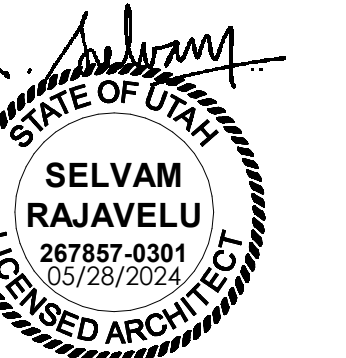


HEIGHT OF LAVATORIES AND SINKS



ACCESSIBLE ROUTES





LEGEND - SITE PLAN

SITE COMPONENTS (FENCES, HYDRANTS, SIDEWALKS, ETC.) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE [SMALLER] ON PLANS DRAWN AT 1/32" = 1'-0" SCALE.

- BOLLARD
- FENCE LINE (ORNAMENTAL)
- FENCE LINE (CHAIN LINK)
- PROPERTY LINE
- FIRE HYDRANT
- LIGHT POLE
- POWER POLE
- CATCH BASIN
- CONCRETE SIDEWALK OR PAVING WITH CONTROL JOINTS

LEGEND - DEMOLITION FLOOR PLAN

BUILDING COMPONENTS (DOORS, WALLS, ETC.) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE [SMALLER] ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING WINDOW TO REMAIN
- EXISTING WINDOW TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING PLUMBING FIXTURES TO REMAIN
- EXISTING PLUMBING FIXTURES TO BE DEMOLISHED

LEGEND - FLOOR & DIMENSION PLANS

BUILDING COMPONENTS (DOORS, WALLS, ETC.) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE [SMALLER] ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

- NEW DOOR IN NEW WALL. SEE DOOR SCHEDULE.
- NEW WINDOW. SEE WINDOW TYPES. TAGS ARE PLACED ON THE FRONT SIDE OF WINDOW.
- NEW METAL STUD WALL. SEE WALL TAGS ON DIMENSION PLANS AND WALL TYPES SHEET AS01A FOR MORE INFORMATION.
- NEW BRICK MASONRY WALL. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- NEW CMU WALL. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- NEW CAST-IN-PLACE CONCRETE WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.
- NEW PLUMBING FIXTURES

LEGEND - REFLECTED CEILING PLAN

BUILDING COMPONENTS (CEILING, LIGHT FIXTURES, ETC.) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE [SMALLER] ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

- 2' X 4' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A, 4/A503A, 7/A503A, 10/A503A
- 2' X 2' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A, 4/A503A, 7/A503A, 10/A503A
- SUSPENDED GYPSUM BOARD CEILING OR SOFFIT SEE DETAILS 2/A503A, 3/A503A, 5/A503A, 8/A503A
- NEW SUPPLY AIR GRILLE - SEE MECHANICAL DRAWINGS
- NEW RETURN AIR GRILLE - SEE MECHANICAL DRAWINGS
- NEW EXHAUST FAN - SEE MECHANICAL DRAWINGS
- CEILING HEIGHT ABOVE FINISHED FLOOR
- NEW 2' X 4' LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

LEGEND - ROOF PLAN

BUILDING COMPONENTS (ROOF DRAINS, HATCH, ETC.) ARE DRAWN AT 1/4" = 1'-0" ON PLANS DRAWN AT 1/8" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THIS SIZE.

- TAPERED INSULATION CRICKET WITH 1/8" PER FOOT SLOPE. MINIMUM, ALONG VALLEY AND 1/4" PER FOOT SLOPE. MINIMUM, ACROSS CRICKET.
- ROOF DRAIN. SEE DETAIL -/---
- ROOF HATCH SEE DETAIL -/---
- SLOPE DOWN DIRECTION FOR WATER FLOW TOWARD ROOF DRAINS.
- AS ROOF STRUCTURE IS LEVEL (FLAT WITH NO SLOPE) IN THIS AREA, USE TAPERED INSULATION (1/4" PER FOOT SLOPE) FOR DRAINAGE. PROVIDE CRICKETS AS REQUIRED ON THE TOP OF TAPERED INSULATION.

GENERAL NOTES

A. STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.

B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).

C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS. CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY. COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.

D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED, PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE. THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.

F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.

G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROTO HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.

H. ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.

I. ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.

J. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.

K. DRAWINGS HAVE BEEN DETAILLED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR ANY CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.

L. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED.

M. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO IBC CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALLS. FOR OPENINGS LESS THAN 14 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES. ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.

N. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.

O. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.

P. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS. WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.

Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION. SEE RELEVANT DETAILS.

R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

GENERAL NOTES - DEMOLITION SITE PLAN

A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.

B. GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.

C. CONTRACTOR SHALL INCLUDE IN THEIR BID THE AMOUNT FOR COST ASSOCIATED WITH DEMOLITION, CORE-DRILLING, REMOVAL AND REPLACEMENT OF EXISTING CEILINGS, WALLS AND FINISHES REQUIRED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS IN THE EXISTING BUILDING. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR AREAS WHERE NEW WORK IS REQUIRED AT THE EXISTING BUILDING. ANY EXISTING FINISHES THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED TO PROVIDE A NEW APPEARANCE. BIDS SHALL INCLUDE FIRING AT THE FIRE-RATED WALLS WHICH ARE IDENTIFIED ON CODE COMPLIANCE PLANS.

D. NOT ALL TREES AND VEGETATION ARE SHOWN ON ARCHITECTURAL SITE PLANS. COORDINATE WITH ARCHITECT IF QUANTITIES ARISE REGARDING DEMOLITION OR PRESERVATION OF EXISTING LANDSCAPING.

E. EXISTING SITE FENCING THAT IS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE THAT OCCURS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.

F. SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

GENERAL NOTES - SITE PLAN

A. SEE CIVIL DRAWING FOR SITE UTILITIES, DIMENSIONS, SIDEWALKS, AND ALL OTHER SITE RELATED ITEMS AND DETAILS.

GENERAL NOTES - DEMOLITION FLOOR PLAN

A. CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.

B. PRIOR TO REMOVAL OF EXISTING BUILDING MATERIALS INCLUDING WALLS, DOORS, WINDOWS, CEILING, ETC. INDICATED IN THE DEMOLITION PLANS, CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CEILING PLANS, FINISH SCHEDULES AND ALL CONSULTANT DRAWINGS TO DETERMINE EXACT EXTENT OF REMOVAL.

C. COORDINATE WITH OWNER'S REPRESENTATIVE REGARDING ITEMS SHOWN TO BE REMOVED THAT WILL BECOME PROPERTY OF THE OWNER. CAREFULLY REMOVE SUCH ITEMS SO AS NOT TO DAMAGE THEM.

D. IN EXISTING WALLS THAT ARE NOTED TO REMAIN, ANY NAILS, SCREWS, OR OPENINGS THAT REMAIN AS A RESULT OF EXISTING EQUIPMENT REMOVAL OR WALL REMOVAL SHALL BE PATCHED WITH SMOOTH, EVEN, INVISIBLE TRANSITION. IN PLACES WHERE THE EXISTING WALL IS CUT FOR INSTALLATION OF POWER OUTLETS, SWITCH, THERMOSTAT, ETC. PATCH OPENING IN WALL WITH GYPSUM BOARD. PROVIDE SMOOTH, EVEN, INVISIBLE TRANSITION BETWEEN NEW AND EXISTING WALL FINISH.

E. THE OWNERS STAFF WILL CONTINUE TO OCCUPY AREAS DIRECTLY ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR AND SUB-CONTRACTORS SHALL TAKE ALL NECESSARY MEASURES TO MINIMIZE DISRUPTION ACTIVITIES CONDUCTED BY THE OWNERS STAFF. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF NOISY ACTIVITIES, SHUT-DOWNS, AND ANY OTHER ACTIVITIES WHICH MAY DISRUPT NORMAL OPERATIONS PRIOR TO PERFORMING THE WORK.

F. ONCE FLOORING DEMOLITION HAS OCCURRED, CLEAN AND PREPARE FLOOR TO RECEIVE NEW FLOOR COVERINGS. THIS SHALL BE COORDINATED WITH THE FINISH SCHEDULE AND MANUFACTURER OF NEW PRODUCTS FOR FLOOR PREPARATION REQUIREMENTS.

G. ITEMS SHOWN ON THESE FLOOR PLANS FOR REMOVAL ARE BUILT-IN ITEMS, EQUIPMENT, FURNITURE, & OTHER ITEMS EXISTING IN THE SPACE THAT ARE NOT BUILT-IN SHALL BE REMOVED OR CLEARED TEMPORARILY BY THE OWNER.

GENERAL NOTES - FLOOR & DIM. PLANS

A. REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.

B. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, SOFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.

C. WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY. UNO.

D. SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).

E. AT ALL VERTICAL EDGES OF INTERIOR CMU WALLS THAT ARE VISIBLE, USE BULLNOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7'-4".

F. FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS:
a. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
b. WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.

G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.

H. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.

I. SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.

J. SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES.

K. SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO RECEIVE FINISHES.

L. CONCRETE FLOOR SLAB THAT IS ON GRADE, SHALL BE RECESSED AS REQUIRED, FOR A THICK SET MORTAR FOR CERAMIC TILE FINISH. SLOPE SHALL BE AT 1/8" PER FOOT TOWARDS THE FLOOR DRAIN. CONCRETE FLOOR SLAB THAT IS NOT ON GRADE, NEED NOT BE RECESSED. IN SUCH LOCATION, USE THIN SET MORTAR FOR CERAMIC TILE FINISH WITH A GENTLE SLOPE TOWARDS DRAIN.

M. ALL PENETRATIONS (PIPES, CONDULTS, JOISTS, ETC.) THROUGH FIRE RATED BARRIER WALLS SHALL BE SEALED COMPLETELY WITH FIRE RATED SEALANTS. FILL GAP BETWEEN FLUTES OF THE METAL DECK AND METAL TRACK TOP RUNNER WITH FIRE RATED SEALANTS. SEAL TIGHTLY AROUND PIPES, CONDULTS, DUCTS, ETC. THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURERS RECOMMENDATIONS WITH ANY ADDITIONAL MATERIAL AS REQUIRED INSTALLED AROUND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE WALL. SEE MECHANICAL DRAWINGS FOR FIRE AND SMOKE DAMPERS.

N. WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.

O. ALL MASONRY MORTAR JOINTS LOCATED INSIDE THE BUILDING SHALL BE TOOLED JOINTS, UNLESS NOTED OTHERWISE. MASONRY JOINTS ON THE BUILDING EXTERIOR SIDE SHALL BE RAKED JOINTS AS INDICATED IN BUILDING EXTERIOR ELEVATIONS.

P. SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.

Q. SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.

R. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.

S. IN SOME PROJECTS, DUE TO THE LARGE BUILDING FOOTPRINT SIZE, FLOOR PLANS ARE SPLIT AS AREAS A, B, C, ETC. AND EACH AREA IS INDICATED ON SEPARATE SHEETS. MATCH LINES INDICATE THE BOUNDARIES OF EACH AREA. WHEN CONTRACTORS ARE PREPARING BID FOR THE PROJECT, COST SHALL INCLUDE ONLY THE BUILDING ELEMENTS AND ASSOCIATED CONSTRUCTION WORK CALLED OUT WITH KEYED NOTES IN THE AREA INDICATED ON THE SHEET. KEYED NOTES INDICATED OUTSIDE THE MATCH LINE IN ADJACENT FLOOR AREAS SHALL NOT BE COUNTED FOR THAT AREA. THIS AVOIDS DUPLICATION OF BUILDING ELEMENTS AND CONSTRUCTION WORK.

GENERAL NOTES - REFLECTED CEILING PLAN

A. SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.

B. SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.

C. CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS, FOR AREAS ABOVE THE CEILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 1/A503A.

D. PAINT ALL VISIBLE EXPOSED ITEMS LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISCELLANEOUS EXPOSED STEEL STRUCTURAL COMPONENTS, HOLLOW METAL DOORS, DOOR FRAMES & WINDOW FRAMES, PAINT EXPOSED SURFACES (WITH COLORS AND ACCENT COLORS AS SELECTED BY ARCHITECT) EXCEPT WHERE NATURAL FINISH OR MATERIAL IS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS AND FIRE FINISHED ITEMS.

GENERAL NOTES - WALL SECTIONS

A. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE, TYPICAL.

B. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT (UNLESS NOTED ON THE EXTERIOR ELEVATIONS). SEE DOOR SCHEDULE FOR DOOR OPENING SIZES.

C. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.

D. SEE FINISH FLOOR PLANS FOR AREAS WHERE HONED CMU BLOCKS ARE INDICATED. AT THESE AREAS, THE CONTRACTOR HAS THE OPTION OF USING REGULAR BLOCK IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE.

E. SPACING BETWEEN STRUCTURAL MEMBERS SHALL FOLLOW INDICATIONS GIVEN ON STRUCTURAL PLANS (TYPICAL).

F. FIRE PROTECTION ON ASSEMBLIES, ELEMENTS AND MEMBERS SHALL COMPLY WITH ALL THE CODE REQUIREMENTS. TYPICAL - REFER TO CODE COMPLIANCE PLANS.

G. WOOD MATERIAL UNDER TYPE IIB CONSTRUCTION SHALL BE FIRE-RETARDANT, PRESSURE-TREATED, TYPICAL, U.N.O.

H. ALL INTERIOR WALLS SHALL BE BUILT FOLLOWING WALL TYPE DETAILS, TYPICAL.

I. IN ROOMS/AREAS WHERE HONED, SCORED OR COLORED CMU BLOCKS ARE INDICATED FOR WALLS IN THE FINISH SCHEDULE, CONTRACTOR HAS THE OPTION OF USING REGULAR (LESS EXPENSIVE NATURAL GRAY COLOR) BLOCKS IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE. THIS DOES NOT APPLY TO AREAS THAT CAN CHANGE OVER THE LIFE OF THE BUILDING SUCH AS WALL LOCATED BEHIND CABINETS, ARTWORK, WHITE BOARD, TACK BOARD, ETC. WHEN OTHER BLOCKS ARE SUBSTITUTED, THE STRUCTURAL INTEGRITY OF THE BLOCK SHALL REMAIN THE SAME AS BLOCK INDICATED IN STRUCTURAL DRAWINGS AND SPECIFICATION SECTION IN THE PROJECT MANUAL.

J. AT INTERIOR MASONRY WALL OUTSIDE CORNERS, PROVIDE BULL NOSE BLOCK.

K. CORE DRILLING WALLS AND SLABS: CONTRACTOR SHALL USE GROUND PENETRATING RADAR OR OTHER APPROVED METHOD TO SCAN CONCRETE OVER METAL DECK. CONCRETE SUSPENDED SLABS, MASONRY WALLS, AND CONCRETE WALLS TO LOCATE REBAR PRIOR TO CORE DRILLING ANY HOLES. HOLES SHALL BE LOCATED TO AVOID REBAR DETECT. ALL OPENINGS AND GROUPS OF OPENINGS SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO DRILLING.

GENERAL NOTES - ROOF PLAN

A. PROVIDE CRICKET ON THE HIGH SIDE OF ROOF AT ALL CURB LOCATIONS FOR MECHANICAL EQUIPMENT, SKYLIGHT, ROOF HATCH, ETC. WHETHER INDICATED ON THE ROOF PLAN OR NOT.

B. PROVIDE WEATHERHEAD (GOOSNECK 2" CONDUIT) WHERE CONDUCTORS PENETRATE ROOF FOR DISCONNECT SWITCHES, POWER OUTLETS, ETC. SECURE GOOSNECK TO STRUCTURE BELOW.

C. PROVIDE WALKWAY PADS BETWEEN MECHANICAL EQUIPMENT, TO AND FROM ROOF HATCHES AND OTHER ROOF ACCESS POINTS, AND AROUND MECHANICAL EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

GENERAL NOTES - INTERIOR ELEVATIONS

A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.

B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.

C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.

D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.

E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.

F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.

G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.

H. SEE SHEET A605A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.), UNLESS NOTED OTHERWISE. ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (PL1, PL2, SS1, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM. WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM, EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS.

I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES WHERE COUNTERTOP SPAN EXCEEDS 4'-0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS 4/A505B AND 5/A505B.

J. AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.

K. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGED FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).

L. FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.

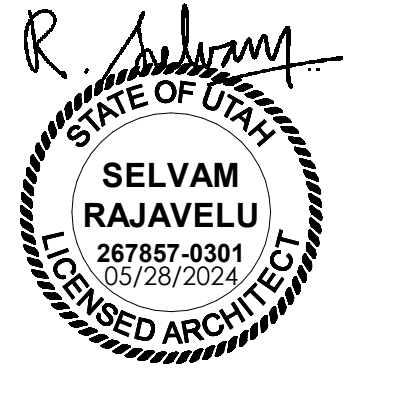
Intermountain Health
McKay Dee Hospital
Pulmonary Clinic Remodel

4401 Harrison Blvd
Ogden, Utah 84403

NJRA Project # 23354.00
Construction Documents May 28, 2024

General Legend & Notes

G005



LEGEND - CODE COMPLIANCE PLAN				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
	COMMON PATH OF TRAVEL	N/A	N/A	N/A
	TRAVEL DISTANCE	N/A	N/A	N/A
	OCCUPANT LOAD	N/A	N/A	N/A
	SMOKE PARTITION WALL	0 HOUR	SMOKE	SMOKE
	SMOKE BARRIER WALL	1 HOUR	1/3 HOUR	1/3 HOUR
	1 HOUR FIRE RATED WALL	1 HOUR	3/4 HOUR	3/4 HOUR
	2 HOUR FIRE RATED WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR
	APPROXIMATE AREA OF REMODEL			

KEYED NOTES

01.10 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 211' - 7" BETWEEN POINTS T1 AND T2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 300'.

01.14 LINE AND ARROW INDICATES "COMMON PATH OF TRAVEL" DIRECTION AND DISTANCE OF 82' - 9" BETWEEN POINTS C1 AND C2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 100'.

GENERAL

APPLICABLE CODES

International Existing Building Code (IEBC)	2021
International Fire Code (IFC)	2021
International Mechanical Code (IMC)	2021
International Plumbing Code (IPC)	2021
ANSI/ASHRAE/IES Standard 90.1	2010
National Electric Code (NEC)	2020
NFPA 101	2021
ANSI 117.1	2017

OCCUPANCY: B (Business)

CONSTRUCTION TYPE: Type I-A

OTHER REQUIREMENTS

Travel Distance: 300 Feet (B)
Common Path of Travel: 100 Feet (B)

AUTOMATICALLY SPRINKLED

Building is equipped with an automatic fire extinguishing sprinkler system.

OCCUPANT LOADS

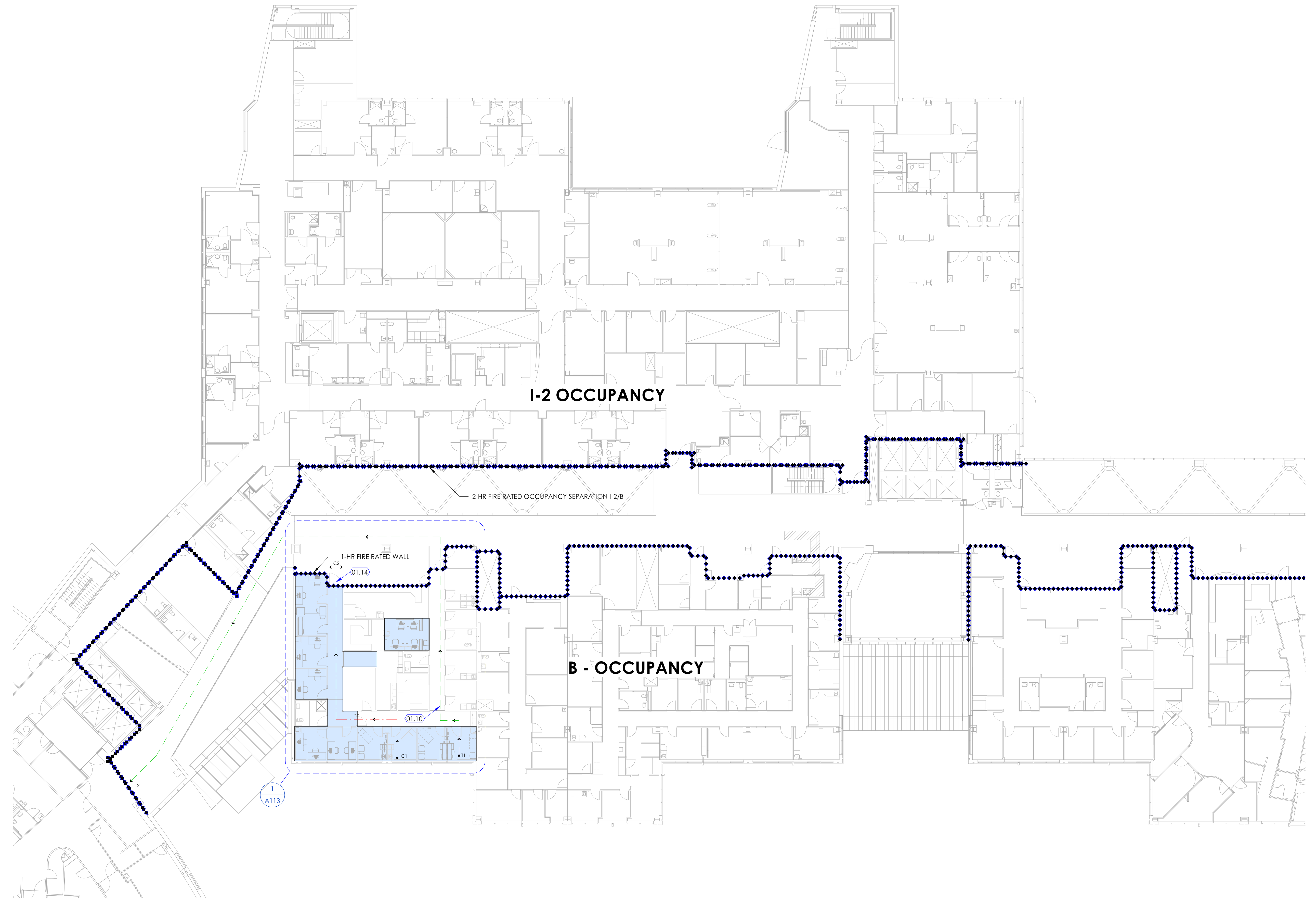
Business: 100 Sq. Ft. Gross per Occupant

Total Occupant Load: Unchanged

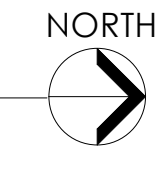
Level 4 Remodel Area (Total): 1,409 SF

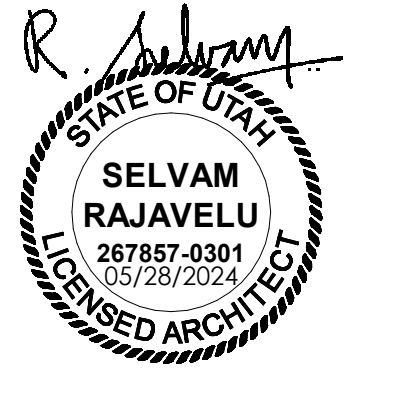
FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

	Required	Provided
Structural frame: [2 hr, where supporting the roof]	3	3
Bearing Walls:		
Exterior	3	3
Interior	3	3
Nonbearing walls:		
Exterior	0	0
Interior	0	0
Floor Construction	2	2
Roof Construction	1 1/2	1 1/2



1 Code Compliance Floor Plan Level 4 - Overall
SCALE: 1/16" = 1'-0"





KEYED NOTES

- 01.01 DASHED LINE INDICATES FLOOR TO CEILING DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERRECTED WITH 3 5/8" 20 GA. MET. STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT WALL ON EXISTING CORRIDOR SIDE. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER. PRE-FABRICATED RIGID ICRA BARRIERS ARE ALSO ACCEPTABLE. OTHER ICRA PERMITS MAY BE REQUIRED. COORDINATE WITH FACILITIES AND INFECTION PREVENTION.
- 02.01 REMOVE EXISTING METAL STUD WALL INCLUDING STUDS, GYPSUM BOARD, STUD BRACING ABOVE CEILING, ELECTRICAL, MECHANICAL, AND PLUMBING ITEMS LOCATED IN THE WALL.
- 02.03 REMOVE EXISTING DOOR, HARDWARE AND FRAME.
- 02.08 REMOVE EXISTING CASEWORK INCLUDING BASE CABINETS, UPPER/WALL CABINETS, FULL HEIGHT CABINETS, COUNTERTOPS, CLOSER PANEL, SLOPED DUST TOP, ETC.
- 02.09 EXISTING CASEWORK TO REMAIN. PROTECT CASEWORK FROM DAMAGE DURING CONSTRUCTION.
- 02.10 REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE ALL THE WAY DOWN TO THE BARE CONCRETE FLOOR. CLEAN FLOOR AND PREP FOR NEW FLOOR FINISHES.
- 02.11 EXISTING FLOORING TO REMAIN. PROTECT FLOORING FROM DAMAGE DURING CONSTRUCTION.
- 02.14 REMOVE ALL TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO GRAB BARS, MIRRORS, SHOWER CURTAIN AND TRACK, DISPENSERS, WALL MOUNTED SHELVES, ART WORK, ETC.
- 02.15 REMOVE PLUMBING FIXTURES AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 02.17 REMOVE GYPSUM BOARD FROM INTERIOR SIDE OF THIS ROOM AS REQUIRED FOR ALL IN-WALL M/E/P ITEMS. PATCH, AND REPAIR WALL TO MATCH EXISTING. PAINT PER NEW FINISH SCHEDULE.
- 02.40 CAREFULLY REMOVE WALL MOUNTED TV/MONITOR AND BRACKET. SALVAGE AND RETURN TO OWNER.
- 02.44 REMOVE FLOOR DRAIN. SEE PLUMBING DRAWINGS. PATCH OPENING WITH FRESH CONCRETE AND METAL DECK. GRIND SMOOTH AND PREP FOR NEW FLOOR FINISHES.
- 02.50 EXISTING GYPSUM BOARD AND INSULATION STOPS 4" ABOVE CEILING. EXTEND GYPSUM BOARD AND INSULATION TO DECK ABOVE. SEAL ALL THROUGH WALL PENETRATIONS. SEE WALL TYPE 'H3'.
- 02.51 BASE BID; PATCH FLOORING AND BASE TO MATCH ADJACENT EXISTING AFTER REMOVAL OF WALL/CASEWORK. ADD ALTERNATE: REPLACE FLOORING AND BASE. SEE FINISH PLAN.
- 02.52 CAREFULLY REMOVE REFRIGERATOR. SALVAGE AND STORE FOR REINSTALLATION IN NEW BREAK ROOM. SEE NEW FLOOR PLAN.
- 02.53 CAREFULLY REMOVE ALL FURNITURE INCLUDING ALL FLOOR AND WALL MOUNTED ITEMS. SALVAGE AND STORE FOR REINSTALLATION IN NEW SHARED OFFICES. SEE NEW FLOOR PLAN.
- 02.54 DEMOLISH PARTIAL HEIGHT WALL AND TRANSACTION COUNTER ABOVE TO CREATE NEW OPENING IN THE MA WORKSTATION SPACE. FINISH OPENING TO BE 3'-0" CLEAR. SEE NEW FLOOR PLAN.
- 02.55 REMOVE TRANSACTION TOP AT PARTIAL HEIGHT WALL.
- 02.56 PATCH, REPAIR, AND PAINT GYPSUM BOARD AFTER REMOVAL OF COUNTERTOP.
- 02.57 COMPLETELY REMOVE SHOWER ENCLOSURE.
- 02.58 CAREFULLY REMOVE ALL FURNITURE INCLUDING ALL FLOOR AND WALL MOUNTED ITEMS. SALVAGE AND RETURN TO OWNER.
- 02.59 CAREFULLY REMOVE COPIER/PRINTER. SALVAGE AND RETURN TO OWNER.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

Intermountain Health
 McKay Dee Hospital
 Pulmonary Clinic Remodel

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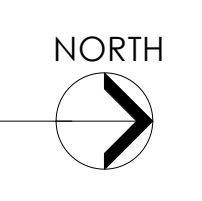
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Construction Documents May 28, 2024

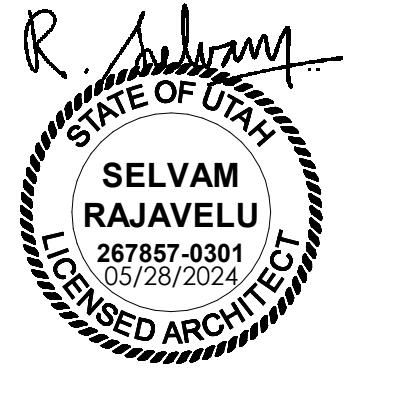
Demolition
Floor Plan
Level 4

A111

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1 Demolition Floor Plan Level 4
SCALE: 1/4" = 1'-0"





KEYED NOTES

- 02.61 REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS, SPEAKERS AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS. SALVAGE CEILING TILES, LIGHT FIXTURES AND HVAC GRILLS AND RETURN TO OWNER.
- 02.65 REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS, ETC. AS REQUIRED FOR ANY ABOVE CEILING M/E/P WORK. RE-INSTALL AFTER ALL ABOVE CEILING WORK IS COMPLETE. REPLACE TO MATCH EXISTING IF DAMAGED DURING CONSTRUCTION.
- 02.66 REMOVE CEILING LIGHT FIXTURES. REPLACE WITH NEW LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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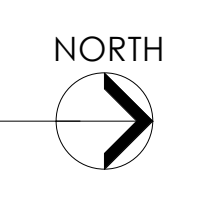
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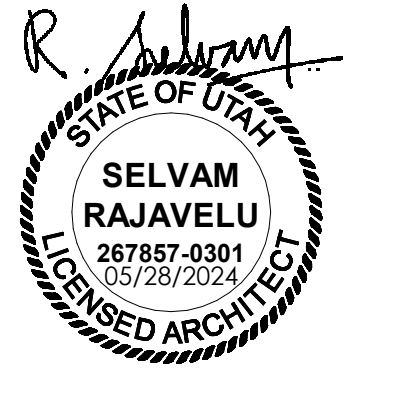
Demolition
Ceiling Plan
Level 4

A112

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1 Reflected Ceiling Demolition Plan Level 4
SCALE: 1/4" = 1'-0"





KEYED NOTES

- 05.14 TUBE STEEL POST, 3" X 3" X 3/16"; SEE WALL TYPE 'P3' FOR ATTACHMENT.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.08 NEW 8" WIDE SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 11/A505B.
- 06.09 NEW 12" WIDE SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 11/A505B.
- 06.11 SOLID SURFACE INTEGRAL SINK, BASIS OF DESIGN: CORIAN, MODEL 804P, COLOR: GLACIER WHITE. ALSO SEE PLUMBING DWGS.
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.
- 09.22 DASHED LINE INDICATES WALL BELOW. PROVIDE 3" X 3" X 3/16" TUBE STEEL POSTS AT NEW OPENING. SEE WALL TYPE 'P3' ON SHEET A501A.
- 09.46 PATCH, REPAIR, AND PAINT WALL AFTER ALL IN-WALL WORK IS COMPLETE. SEE FINISH SCHEDULE.
- 10.06 SHARPS DISPOSAL, OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 10.07 GLOVES DISPENSER, OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 11.01 REFRIGERATOR, OFCI. SEE ELECTRICAL DRAWINGS.
- 11.08 WALL MOUNTED NURSE CHARTING STATION. SEE DETAIL 13/A502A FOR BACKING REQUIREMENTS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 11.16 INTEGRATED WALL MOUNTED DIAGNOSTIC BOARD, OFCI. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS. PROVIDE TYPE-Z BACKING PER DETAIL 5/A502A.
- 11.17 EXAM TABLE, OFCI. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
- 12.01 EXISTING FURNITURE TO BE RELOCATED AND INSTALLED AT THIS LOCATION.
- 12.02 FURNITURE PROVIDED AND INSTALLED BY OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWC). SEE ELECTRICAL DRAWINGS FOR POWER.
- 22.20 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.

COLOR LEGEND

- CIRCULATION
- PATIENT CARE
- STAFF
- MIA WORKSTATIONS - ADD ALT. 1

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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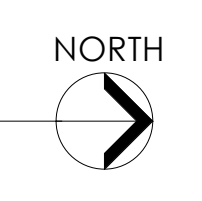
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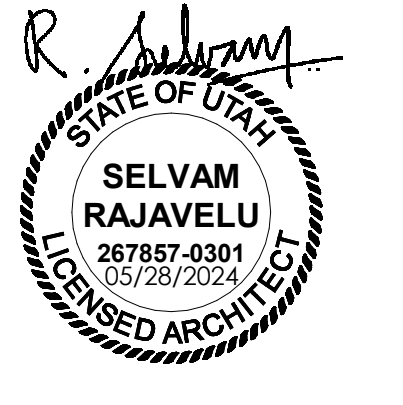
Floor Plan
Level 4

A113

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1 Floor Plan Level 4
SCALE: 1/4" = 1'-0"





KEYED NOTES

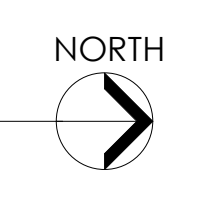
- 09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.
- 09.34 ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG ULTIMA HEALTH ZONE (ITEM # 1935) 24" X 24" X 3/4" EDGE DETAIL. SQUARE LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE MOLDING SHALL BE 1/8" WITH BRFC 2 CLIPS. SEE CEILING DETAILS ON SHEET A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.39 NEW 2X2 CEILING TILES AND GRIDS TO MATCH ADJACENT EXISTING. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.45 REINSTALL CEILING TILES AND GRIDS IF REMOVED FOR ABOVE CEILING M/E/P WORK. INSTALL NEW LIGHTS. SEE ELECTRICAL DRAWINGS. CLEAN AND REINSTALL DIFFUSERS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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1 Reflected Ceiling Plan Level 4
SCALE: 1/4" = 1'-0"



Intermountain Health
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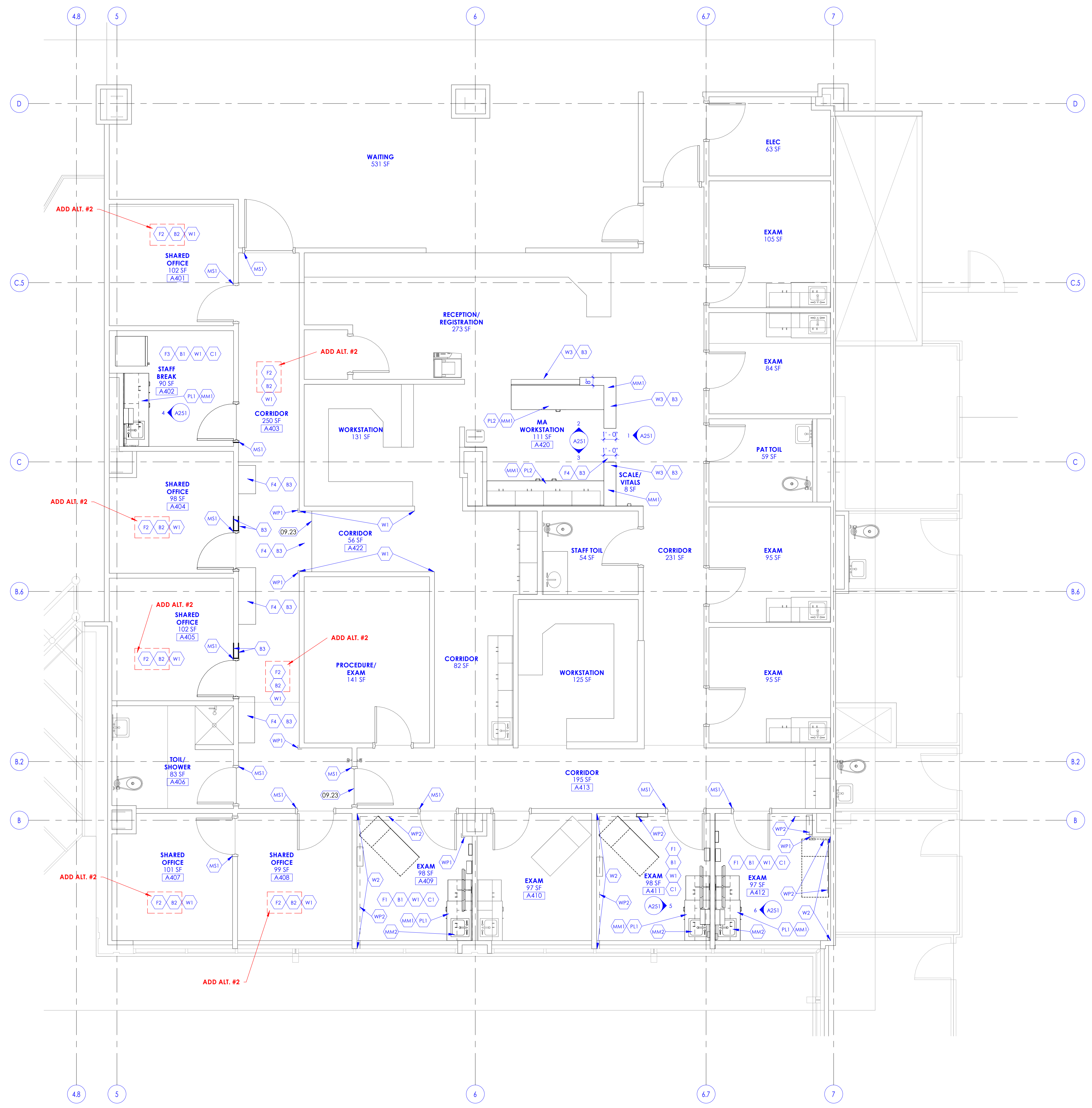
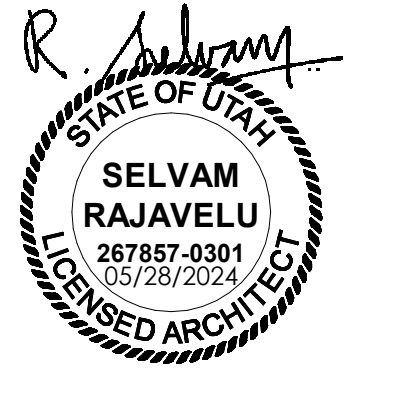
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Reflected
Ceiling Plan
Level 4

A116



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
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www.njraarchitects.com

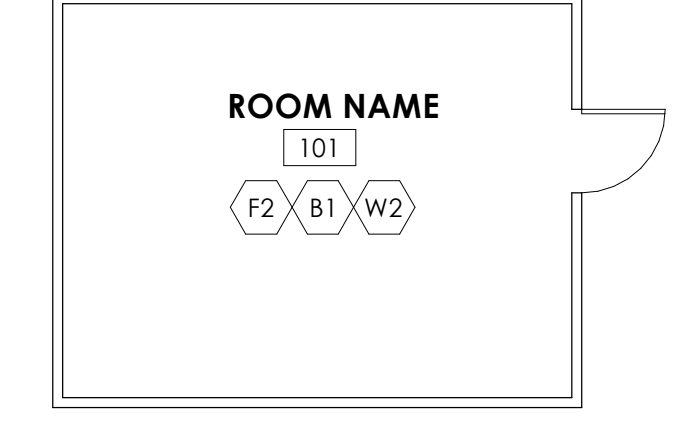


KEYED NOTES

09.23 PROVIDE TRANSITION BETWEEN DIFFERENT FLOOR FINISHES. SEE DETAILS ON SHEET A603A.

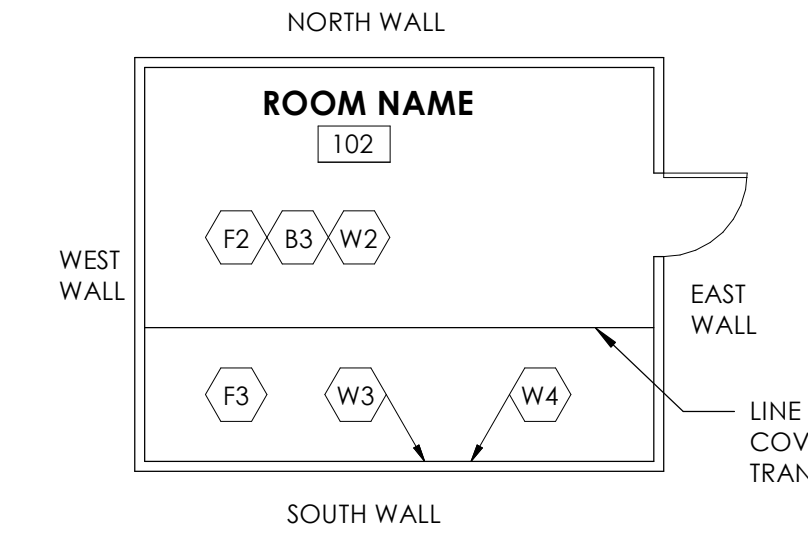
SAMPLE LAYOUTS

SAMPLE LAYOUT 1



NOTE: AS INDICATED IN ROOM NUMBER 101, MAJORITY OF THE ROOMS IN THE PROJECT SHALL HAVE A SINGLE TYPE OF FLOOR FINISH, WALL BASE AND WALL FINISH. WALL FINISH INDICATED AS "W2" SHALL APPLY TO ALL FOUR WALLS FROM FLOOR TO CEILING.

SAMPLE LAYOUT 2



NOTE: AS INDICATED IN ROOM NUMBER 102, SOME ROOMS SHALL HAVE MULTIPLE FLOOR AND WALL FINISHES. SEE GENERAL NOTE "C" ON SHEET A603A FOR FLOOR COVERING TRANSITIONS. THE WALL FINISH INDICATED AS "W2" IN THE ROOM (WITHOUT AN ARROW POINTING TO ANY SPECIFIC WALL) SHALL APPLY TO THE WEST, NORTH AND EAST WALL. WHERE WALL FINISHES ARE INDICATED WITH AN ARROW POINTING TO THE SOUTH SIDE, WALL SHALL HAVE MULTIPLE FINISHES SUCH AS "W3" AND "W4". SEE INTERIOR ELEVATIONS FOR TRANSITION DETAILS BETWEEN "W3" AND "W4".

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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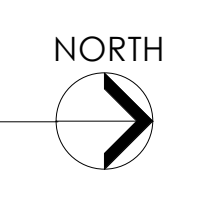
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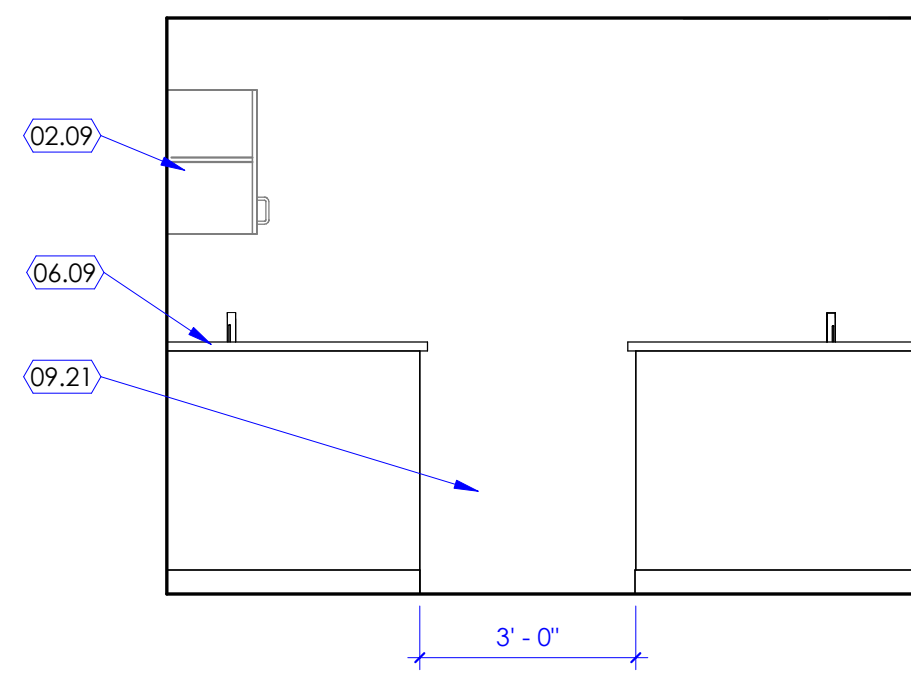
Finish Plan
Level 4

A117

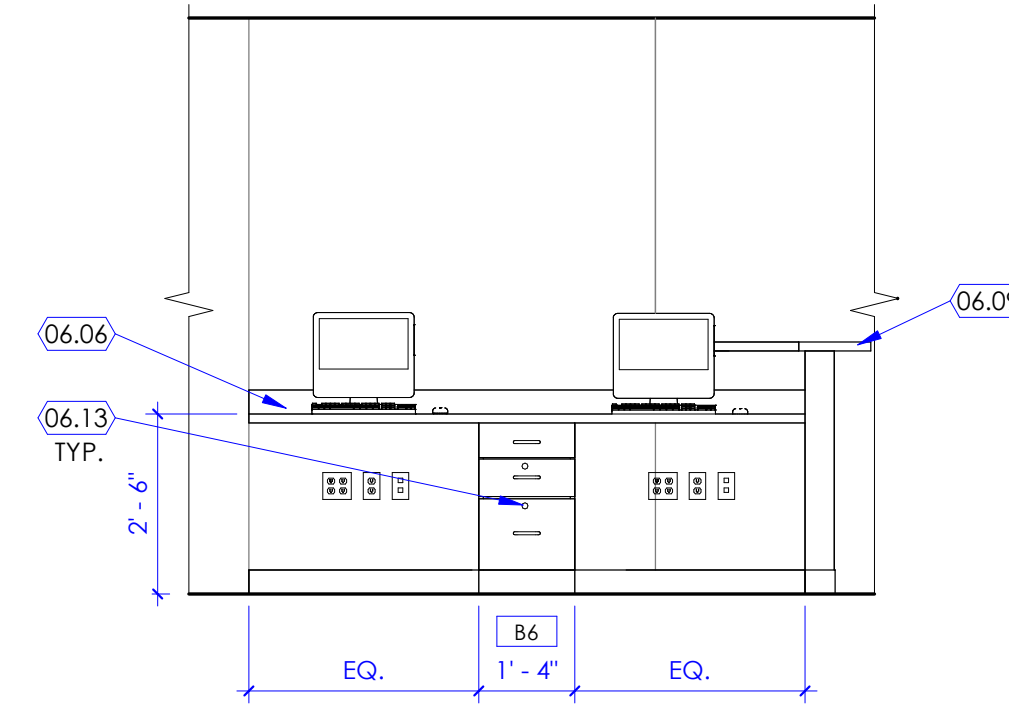
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1 Finish Floor Plan Level 4
SCALE: 1/4" = 1'-0"

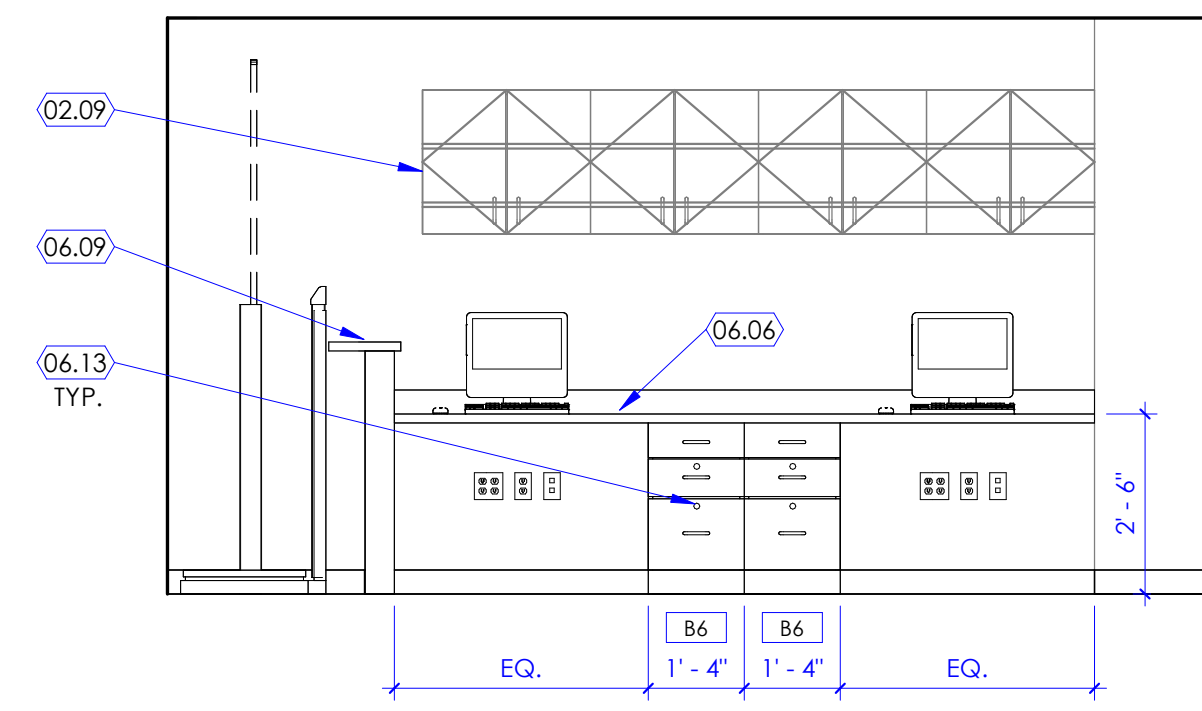




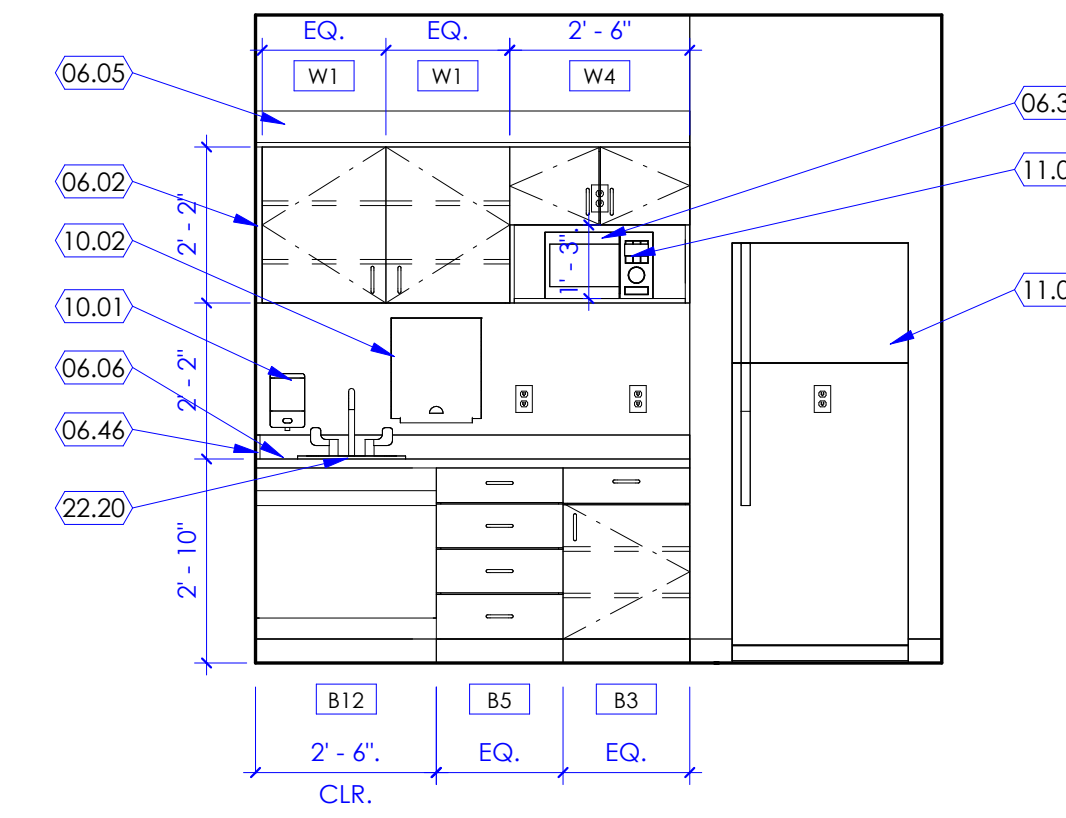
1 MA Work Station
SCALE: 3/8" = 1'-0"



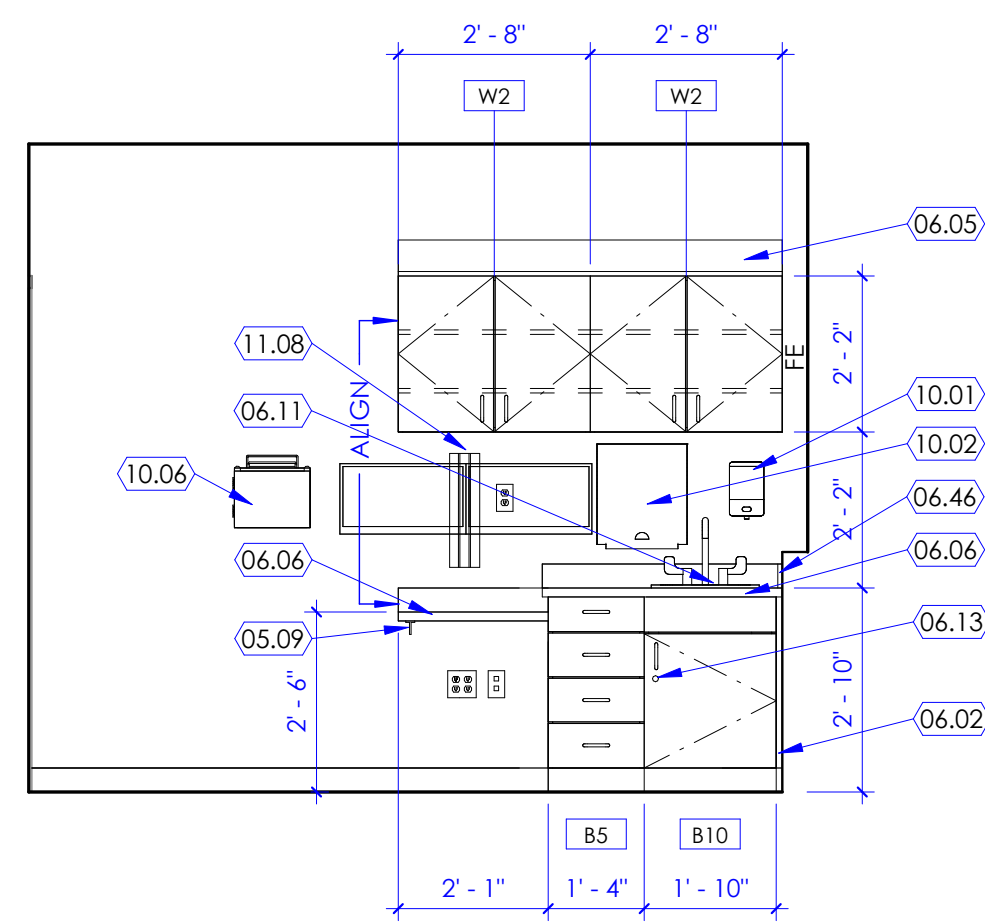
2 MA Work Station
SCALE: 3/8" = 1'-0"



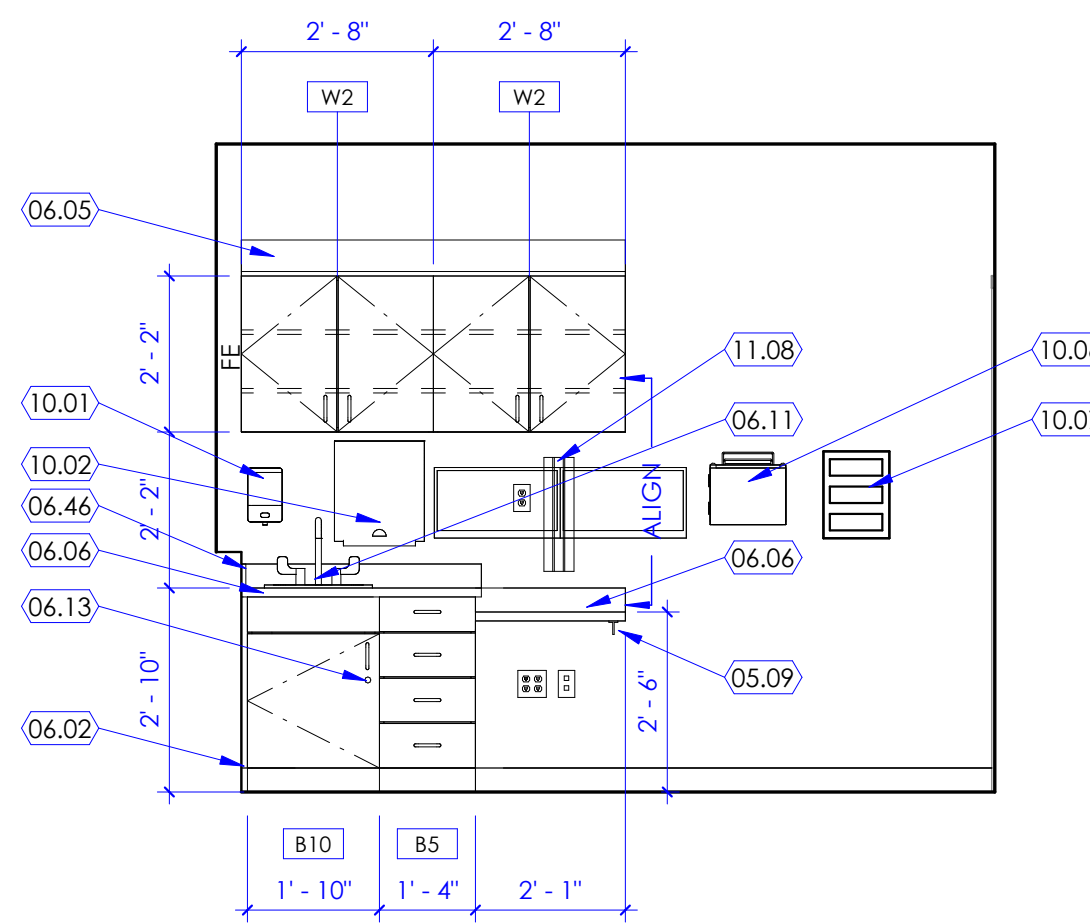
3 MA Work Station
SCALE: 3/8" = 1'-0"



4 Staff Break
SCALE: 3/8" = 1'-0"



5 Exam A411
SCALE: 3/8" = 1'-0"



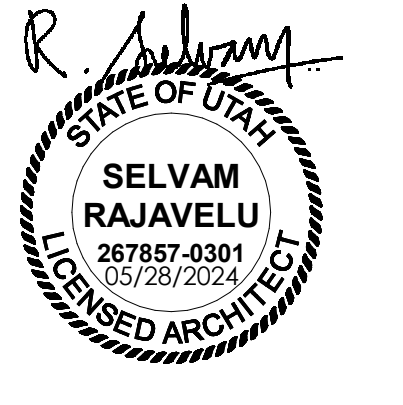
6 Exam A412
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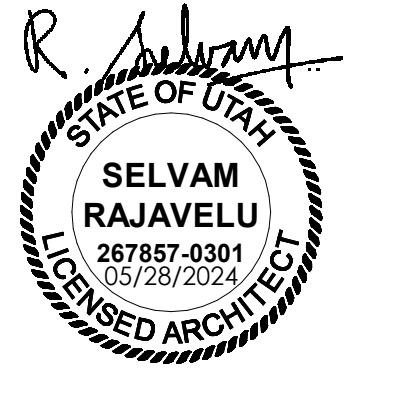
KEYED NOTES

- 02.09 EXISTING CASEWORK TO REMAIN. PROTECT CASEWORK FROM DAMAGE DURING CONSTRUCTION.
- 05.09 IN-WALL STEEL ANGLE SUPPORTS FOR COUNTERTOP WHERE KNEE SPACE OCCURS BELOW. LOCATE COUNTER SUPPORTS AT 3'-0" O.C. MAX. SEE DETAIL 5/A505B. PAINT TO MATCH WALL COLOR. PROVIDE 16 GA STUDS AT COUNTERTOP SUPPORT, TYPICAL.
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD. PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL, TYPICAL.
- 06.05 P-LAM SLOPED DUST TOP. SEE DETAILS 1/A505B AND 2/A505B.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.09 NEW 12" WIDE, SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 11/A505B.
- 06.11 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: CORIAN, MODEL 804P. COLOR: GLACIER WHITE. ALSO SEE PLUMBING DWGS.
- 06.13 LOCK. PROVIDE KEYPAD LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS). PROVIDE REQUIRED HARDWARE FOR THE LOCK SYSTEM.
- 06.35 ALL OPEN/EXPOSED TO VIEW SURFACES TO HAVE P-LAM.
- 06.46 SOLID SURFACE INTEGRAL SIDE SPLASH.
- 09.21 NEW OPENING IN PARTIAL HEIGHT WALL. PATCH AND REPAIR FLOORING AND BASE. PAINT WALL. PROVIDE NEW SOLID SURFACE TRANSACTION TOP.
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.06 SHARPS DISPOSAL. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 10.07 GLOVES DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 11.01 REFRIGERATOR. OFCI. SEE ELECTRICAL DRAWINGS.
- 11.02 MICROWAVE. OFCI. SEE ELECTRICAL DRAWINGS. FOR MICROWAVE IN WALL CABINET PROVIDE OUTLET IN THE CABINET ABOVE WITH A GROMMET OPENING AT THE BASE OF THIS CABINET.
- 11.08 WALL MOUNTED NURSE CHARTING STATION. SEE DETAIL 13/A502A FOR BACKING REQUIREMENTS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 22.20 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.

GENERAL NOTES

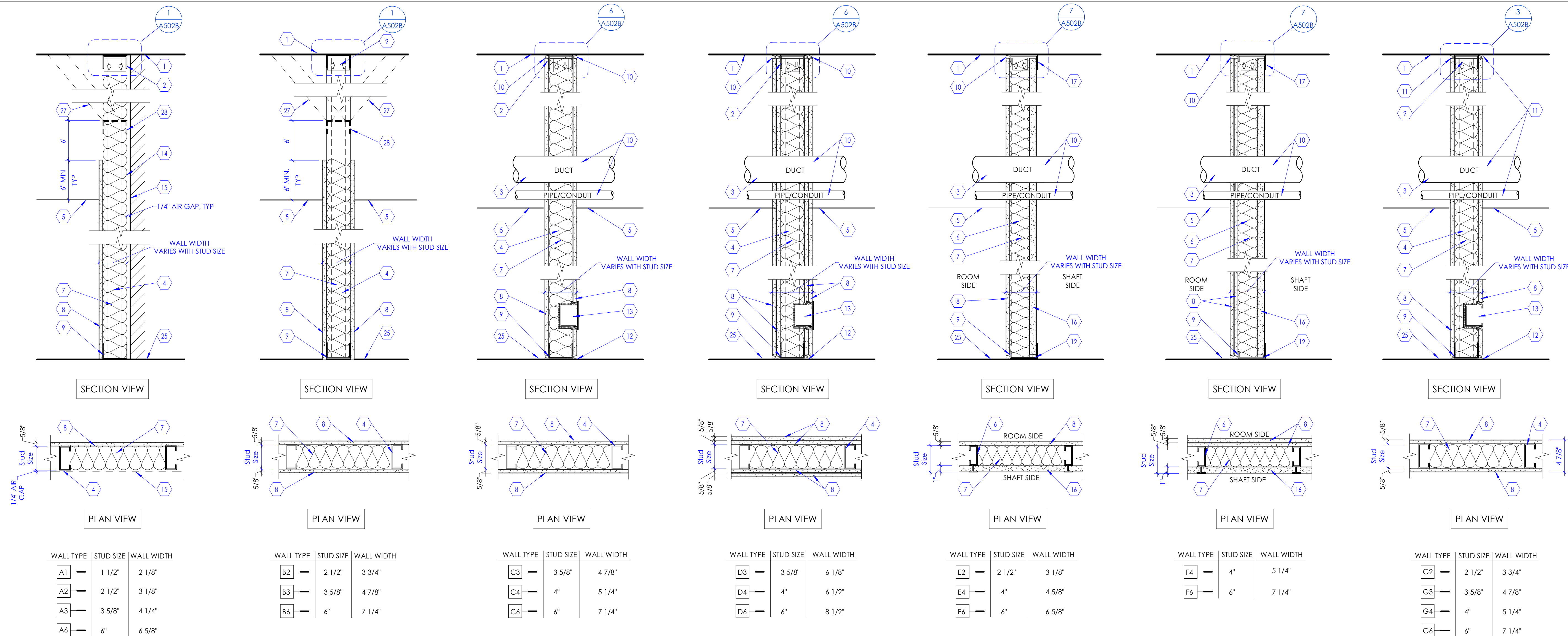
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.





KEYED NOTE

- LINE OF FLOOR OR ROOF DECK AS OCCURS.
- TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL 9 / A502B
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11 / A502A
- METAL STUDS, 20 GA STRUCTURAL (35 MILS) AT 16" O.C. U.N.O. BASED ON WALL TYPES INDICATED IN FLOOR PLAN. PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. FOR STUD FRAMING AROUND DOOR AND WINDOW OPENINGS. SEE DETAIL 11 / A502A
- LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN.
- STEEL STUDS: C-H SHAPED, 20 GA STRUCTURAL AT 24" O.C.
- PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT. UNO, FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION. PROVIDE KRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS.
- GYPSUM BOARD, 5/8" THICK, TYPE 'X', U.N.O. ATTACHED TO METAL STUD FRAMING. SEE GENERAL NOTE 'B' BELOW.
- ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL 8 / A502A
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC., ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC., ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
- STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
- OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS, TYP.
- PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL 12 / A502A
- LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE 'X', ATTACHED TO C-H STUDS.
- STEEL RUNNER, Z SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA., ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
- STOP STUD RUNNER AT BASE PLATES.
- STEEL PLATE, 3/8" THICK WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH 2-3/8" HILTI-HIT-2 ANCHORS. EMBED INTO CONCRETE 2-3/8".
- TUBE STEEL 3" x 3" x 3/16" AT 4'-0" O.C.
- WALL CAP, SOLID SURFACE MATERIAL ATTACHED TO WALL BELOW.
- PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED. ATTACH PLYWOOD TO VERTICAL STEEL TUBE POST WITH L SHAPED METAL CLIPS AND FASTENERS.
- PROVIDE 1/4" RADIUS ROUNDED EDGE, CONTINUOUS.
- METAL STUDS 16 GA STRUCTURAL (35 MIL) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- LINE OF FLOOR.
- RESILIENT CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.
- WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 5/8" 20 GA STUDS AT 4'-0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- TOP TRACK, 18 GA. REQUIRED AT CROSS-BRACED WALLS.



Type - A
Metal Stud
Furring Wall

Type - B
Typical Metal
Stud Wall

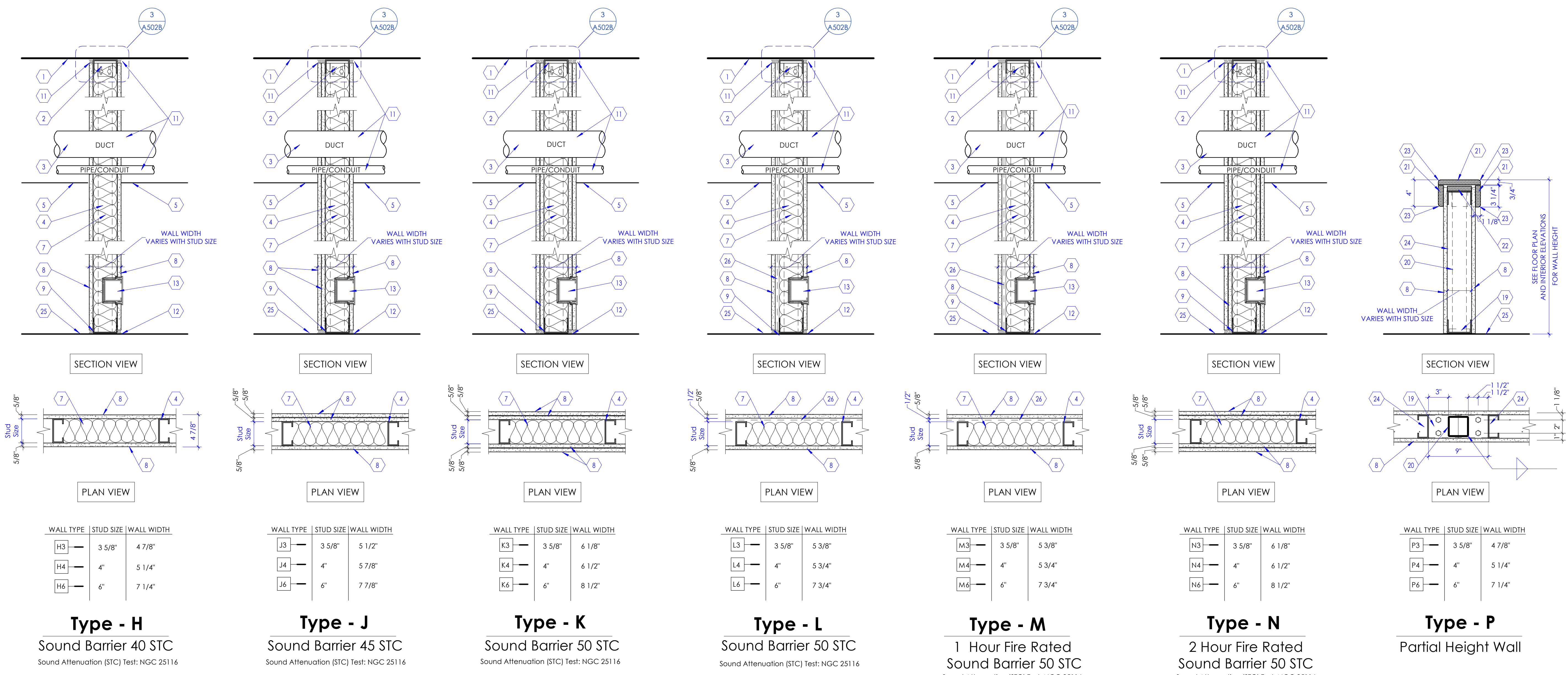
Type - C
1 Hour Fire Rated
UL DESIGN #: U465

Type - D
2 Hour Fire Rated
UL DESIGN #: U411

Type - E
1 Hour Fire Rated
Shaft Wall
UL DESIGN #: U415 SYS. A

Type - F
2 Hour Fire Rated
Shaft Wall
UL DESIGN #: U415 SYS. A

Type - G
Smoke Partition



Type - H
Sound Barrier 40 STC
Sound Attenuation (STC) Test: NGC 25116

Type - J
Sound Barrier 45 STC
Sound Attenuation (STC) Test: NGC 25116

Type - K
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - L
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - M
1 Hour Fire Rated
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - N
2 Hour Fire Rated
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - P
Partial Height Wall

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC., THAT ARE CONCEALED IN THE WALL IF 5/8" METAL STUDS ARE INADEQUATE. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 5/8" METAL STUDS.
- USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH. CEMENTITIOUS BOARD SHALL EXTEND FROM FINISHED FLOOR TO HEIGHT OF TILE. 5/8" WATER RESISTANT GYPSUM BOARD TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN UNIQUE LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD, IMPACT RESISTANT GYPSUM BOARD, SOUND ATTENUATION GYPSUM BOARD, ETC.
- PROVIDE CONTROL JOINT AS PER DETAIL 14 / A502A WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION OR AS DIRECTED BY ARCHITECT. COORDINATE WITH ARCHITECT FOR CONTROL JOINT LOCATIONS. WHEN GYPSUM BOARD OR CEMENTITIOUS BOARD IS ATTACHED VERTICALLY, USE 1" LONG #6 DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" AT INTERMEDIATE STUD. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, HORIZONTAL JOINTS SHALL BE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL EDGES AND 12" O.C. AT INTERMEDIATE STUDS.
- FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN.
- SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL TYPES MAY NOT BE USED IN THIS PROJECT.
- WHERE LEAD LINED WALLS ARE INDICATED ON THE DRAWINGS, USE 16 GA STUDS IN LIEU OF THE GAUGE OF STUDS CALLED OUT IN THE WALL TYPES.
- IN PLACES WHERE MECHANICAL DUCTS ARE DESIGNED TO PENETRATE THE FLOOR, TO MEET THE REQUIREMENTS OF FIRE RATING, PROVIDE A TWO-HOUR FIRE RATED ENCLOSURE AT TOP AND BOTTOM OF SHAFT AS INDICATED IN DETAILS 5 / A502B AND 6 / A502B
- IN PLACES WHERE A TWO-HOUR HORIZONTAL ENCLOSURE IS REQUIRED TO SEPARATE THE DUCTS FROM THE SPACE BELOW, PROVIDE A TWO-HOUR FIRE RATED HORIZONTAL ASSEMBLY AS PER DETAILS 5 / A502B AND 6 / A502A
- IN PLACES WHERE BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG EQUIPMENT, CABINETS, ETC., PROVIDE BACKING IN WALL PER DETAILS 5 / A502A AND 13 / A502A

Intermountain Health
McKay Dee Hospital
Pulmonary Clinic Remodel

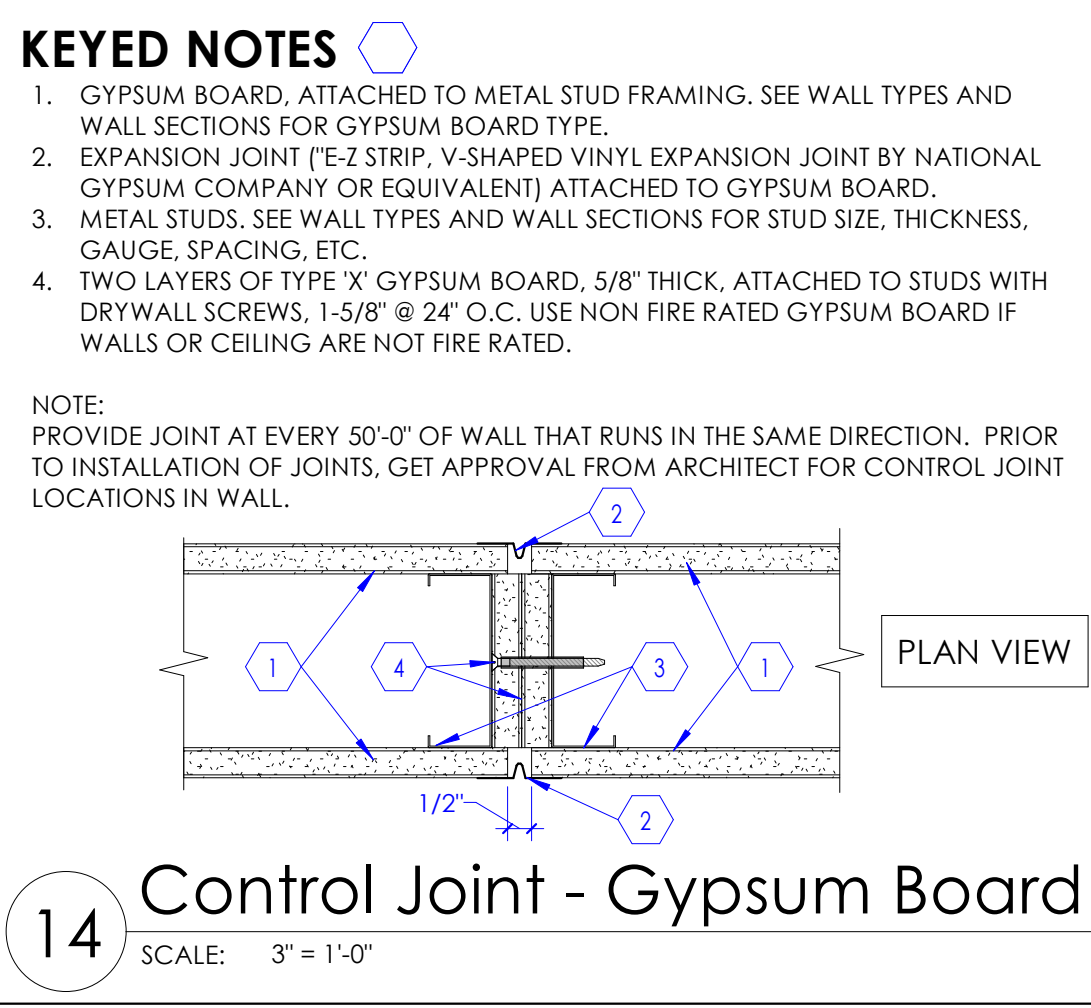
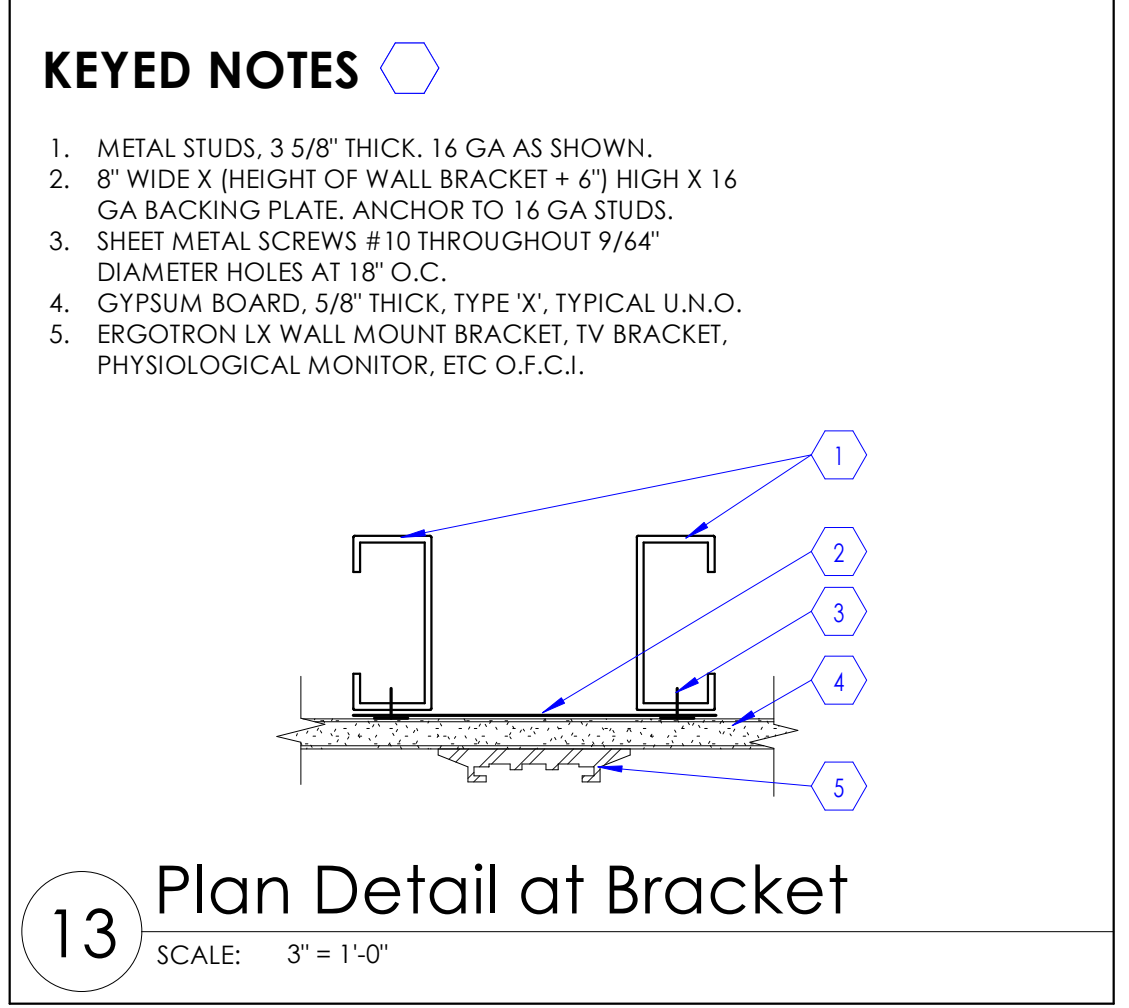
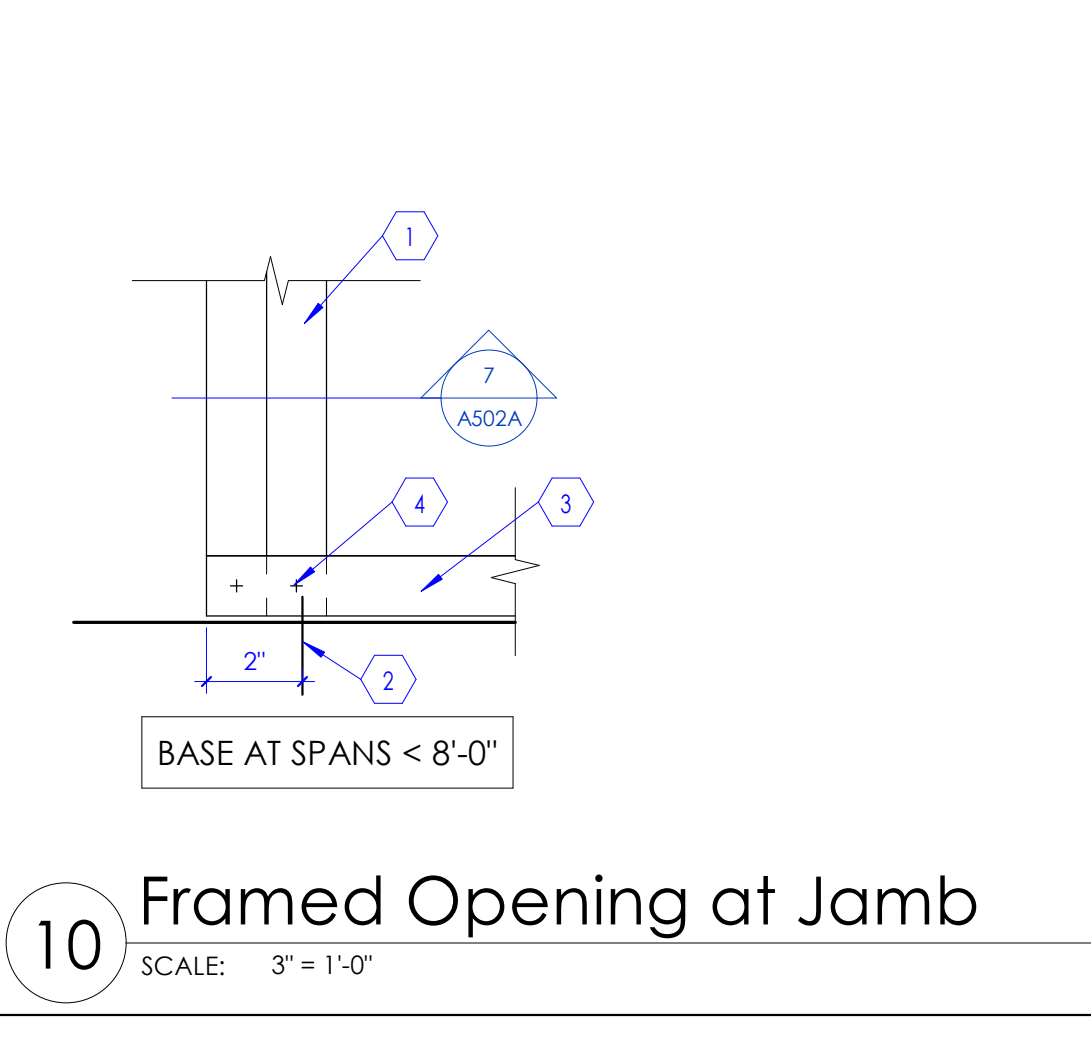
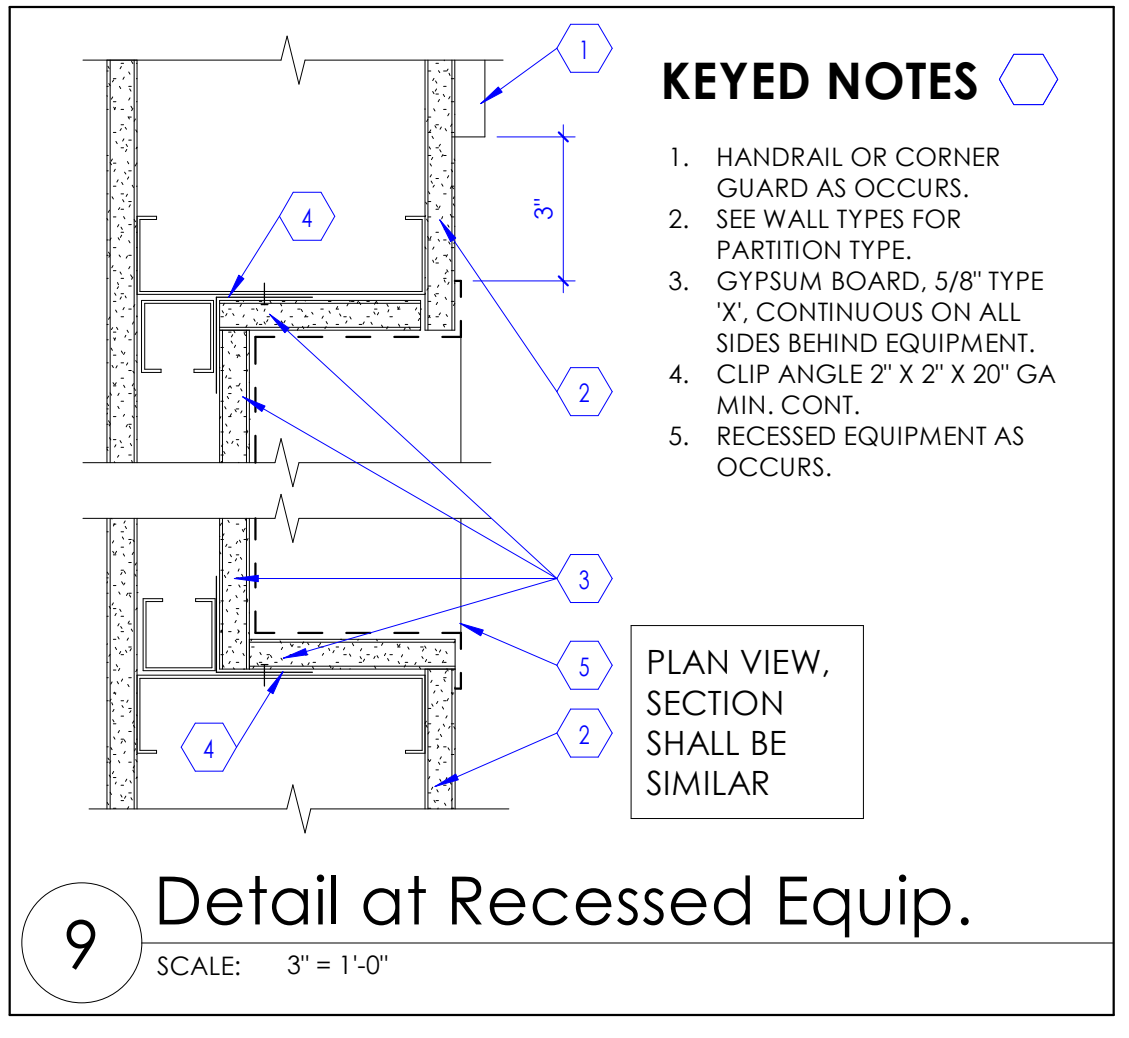
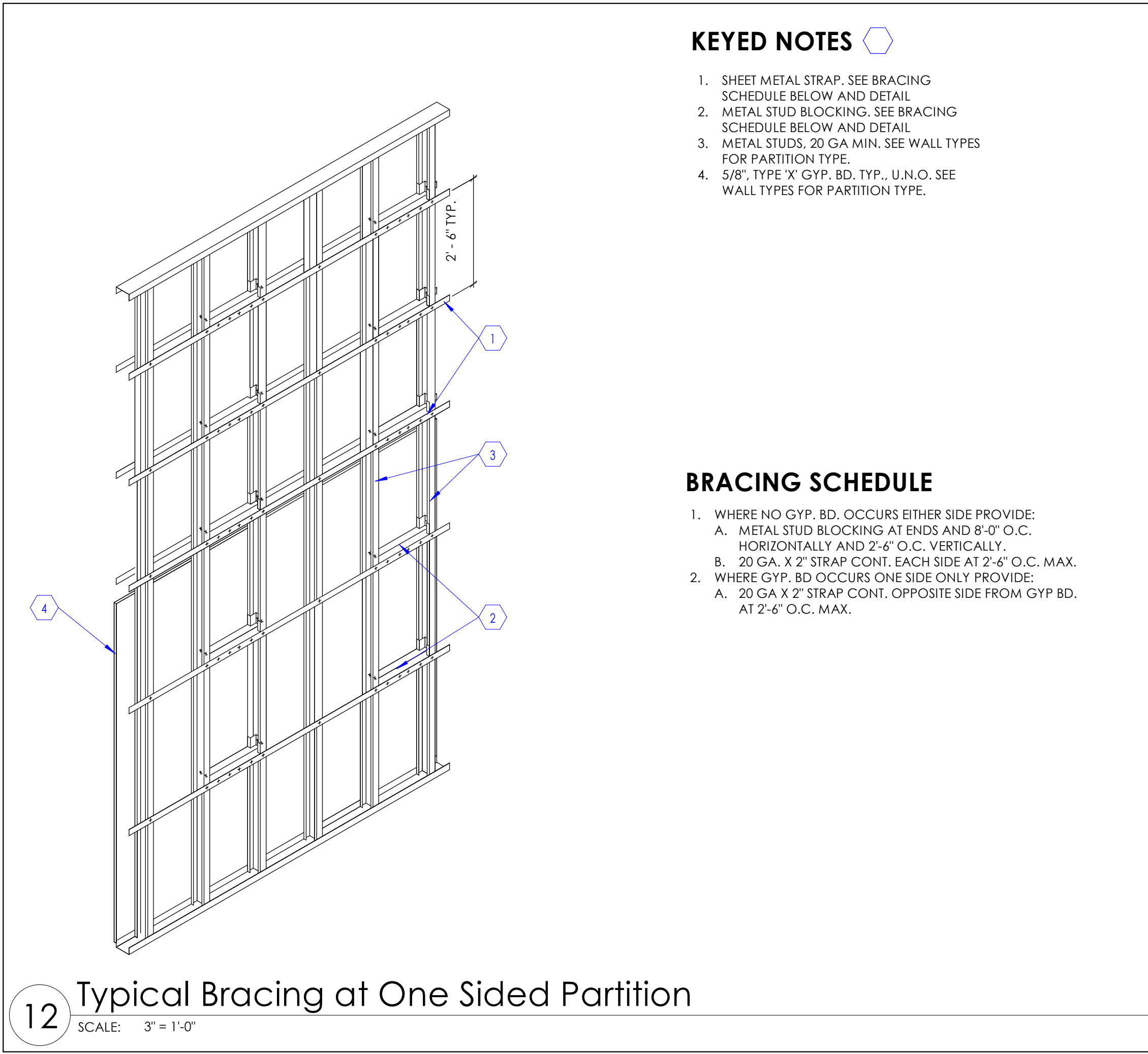
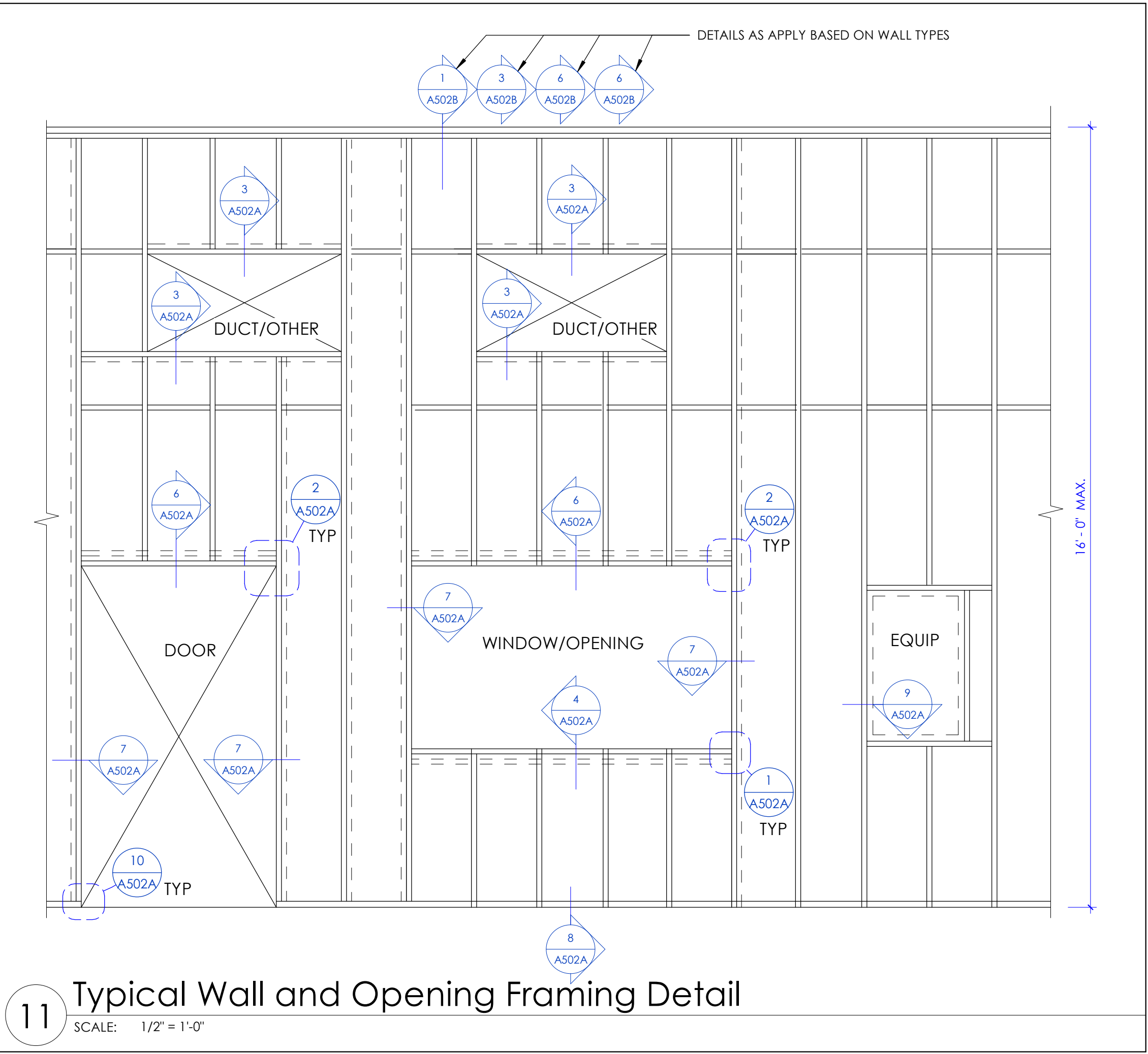
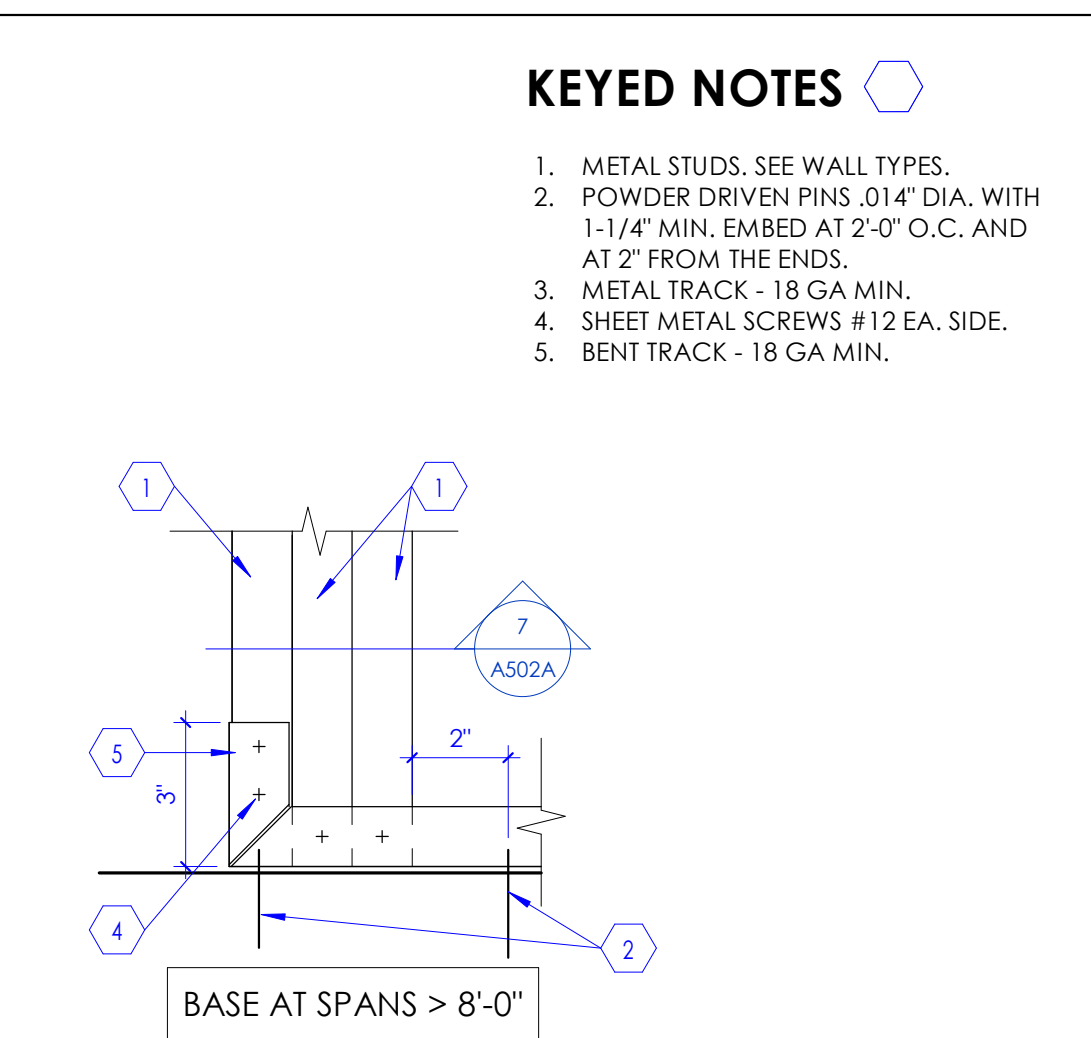
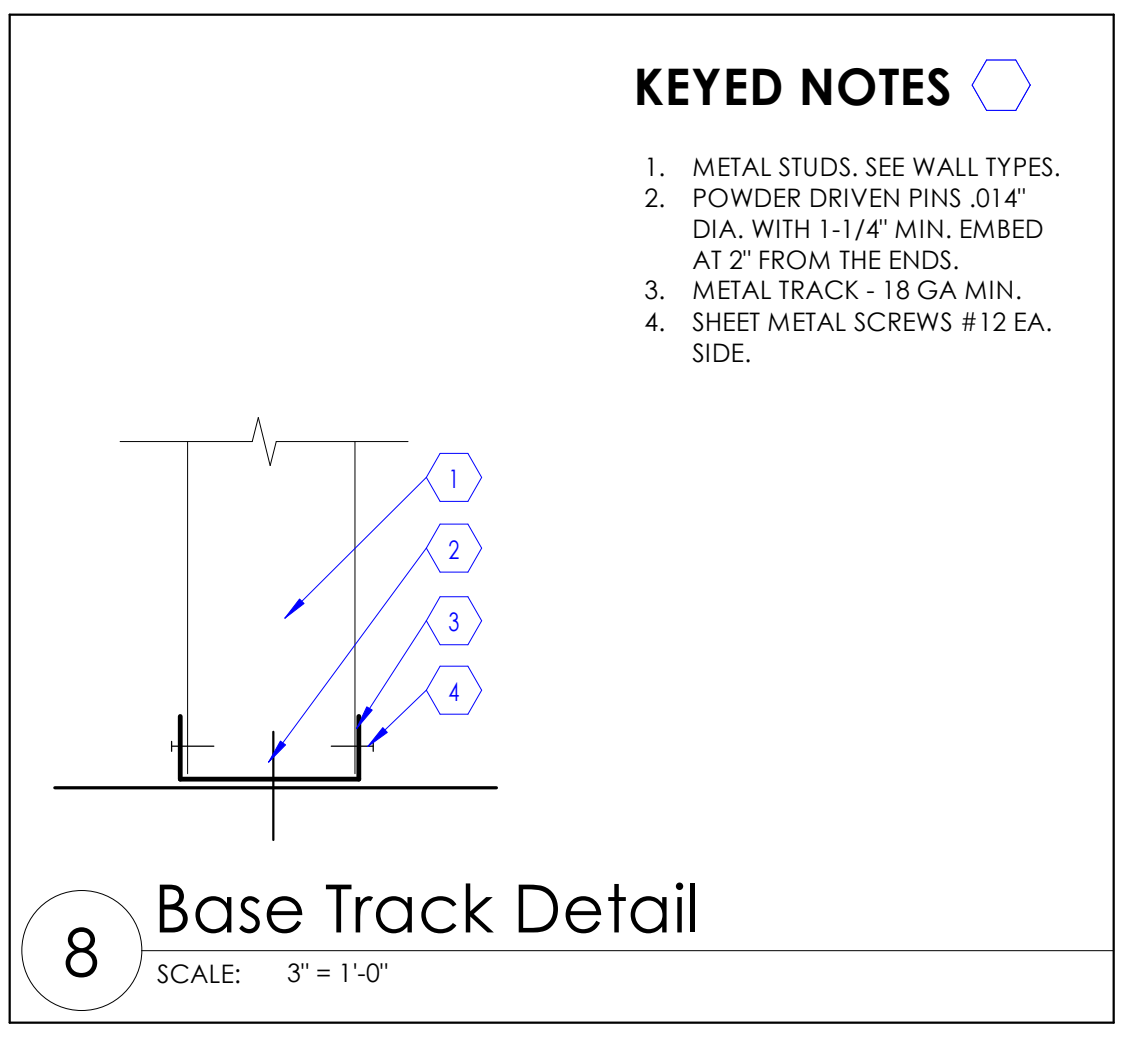
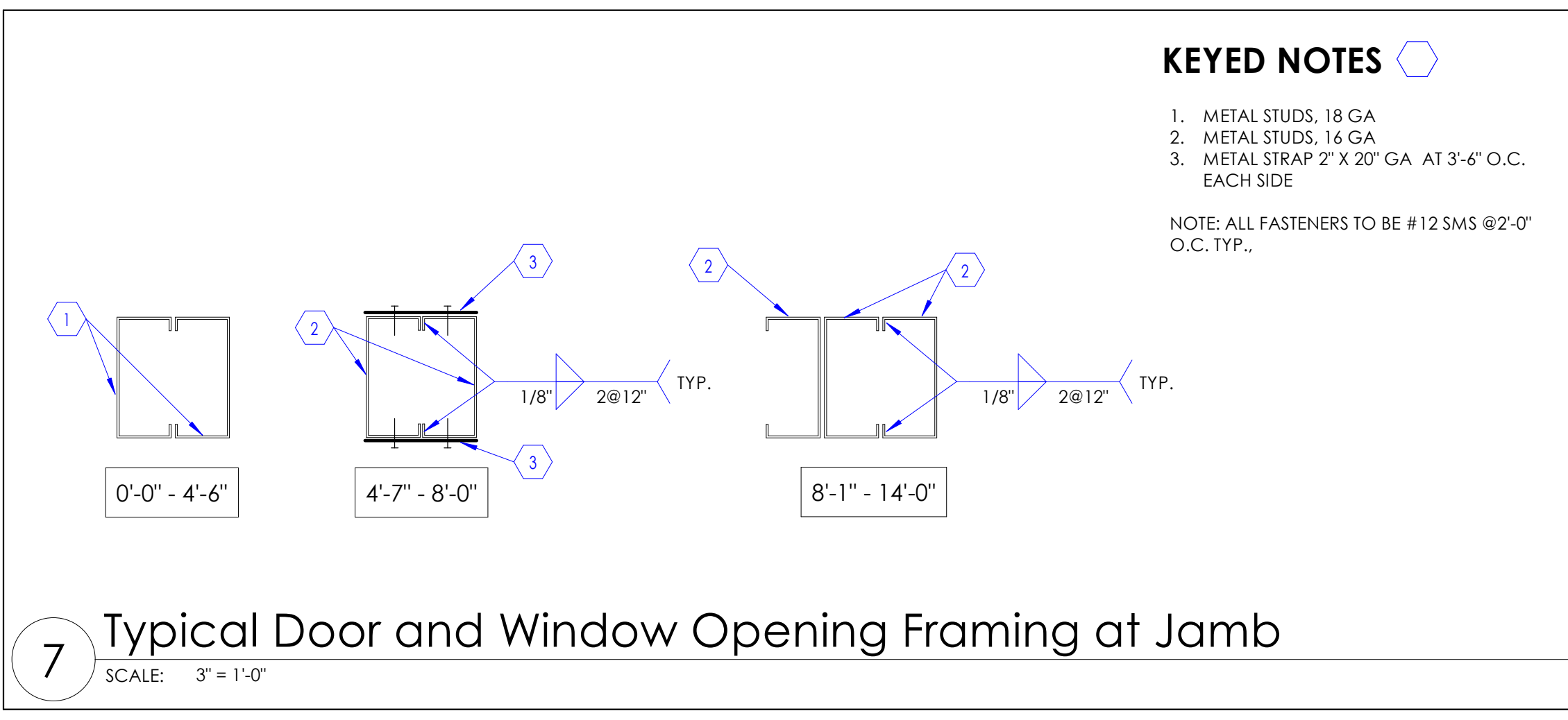
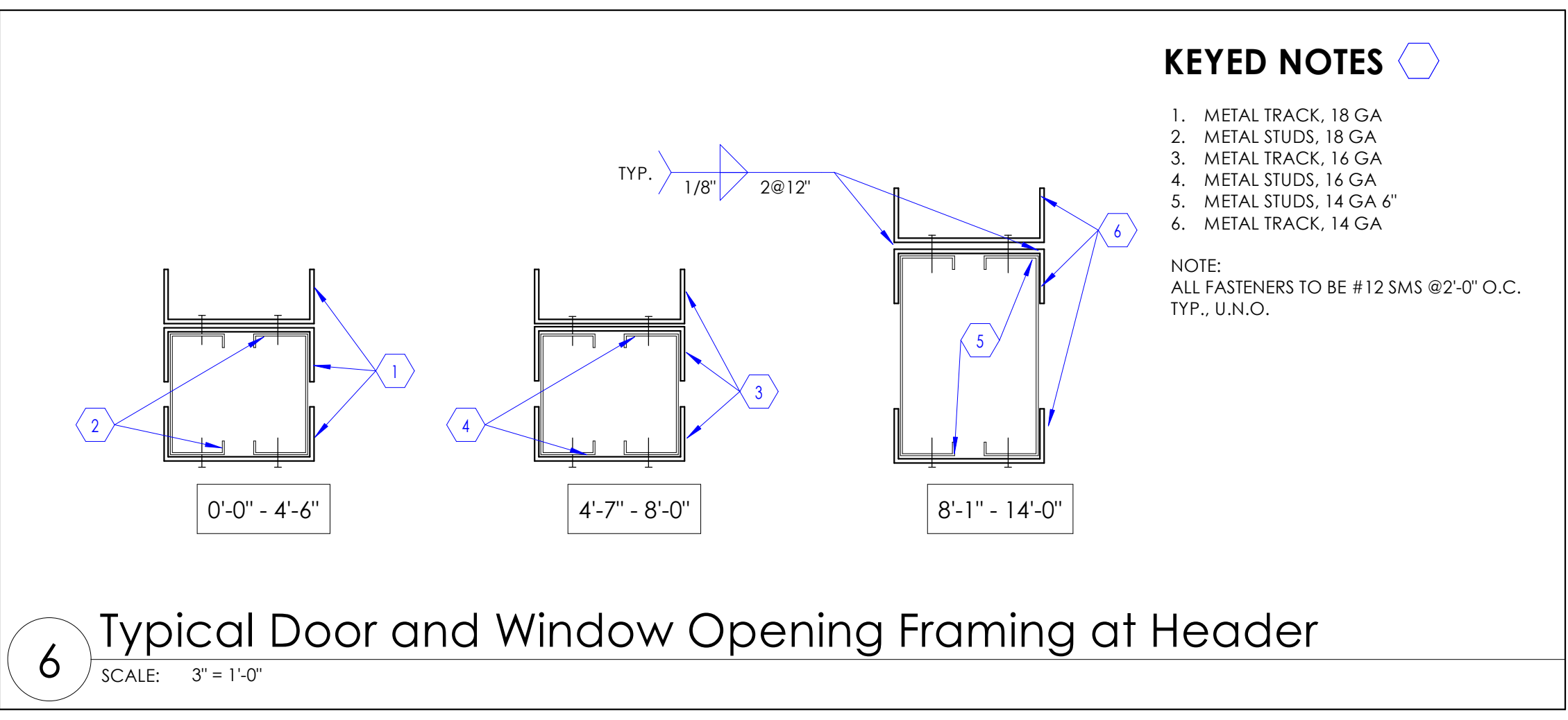
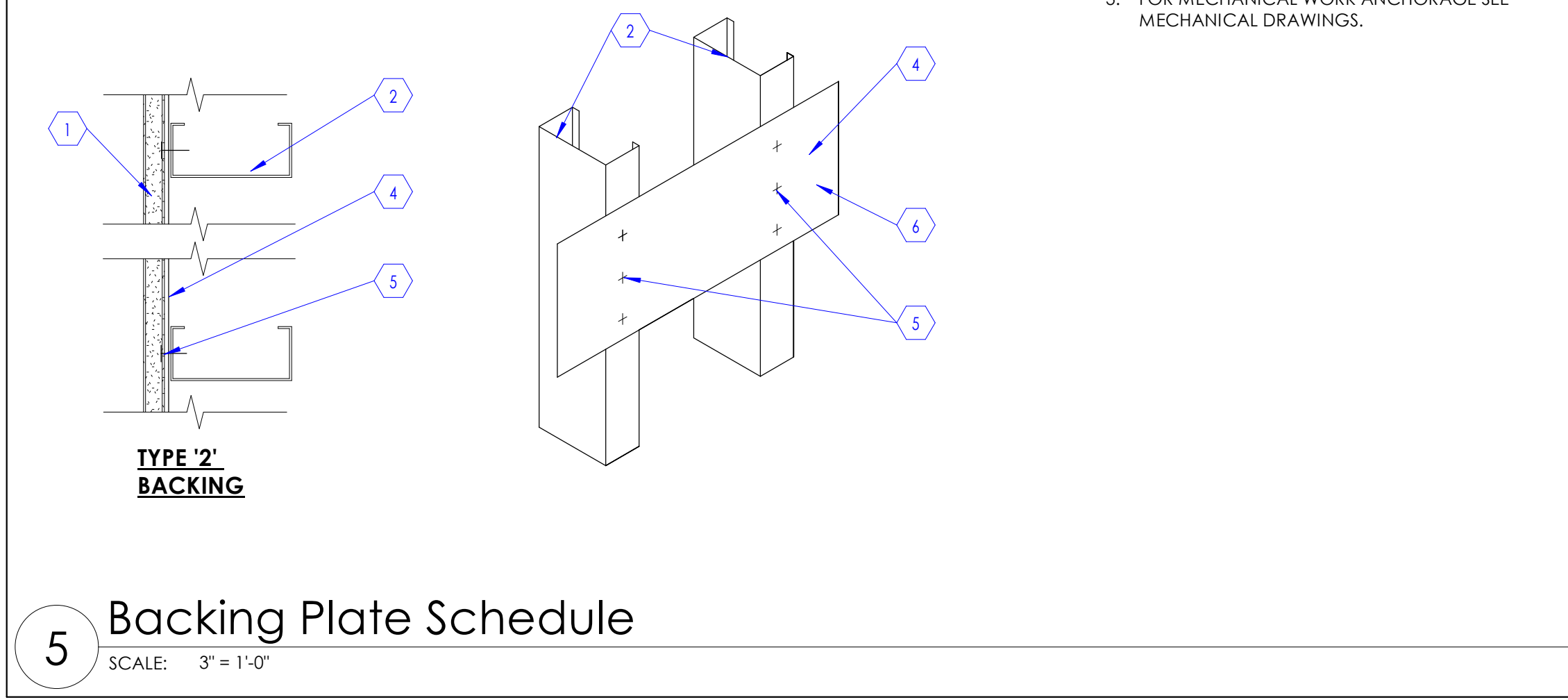
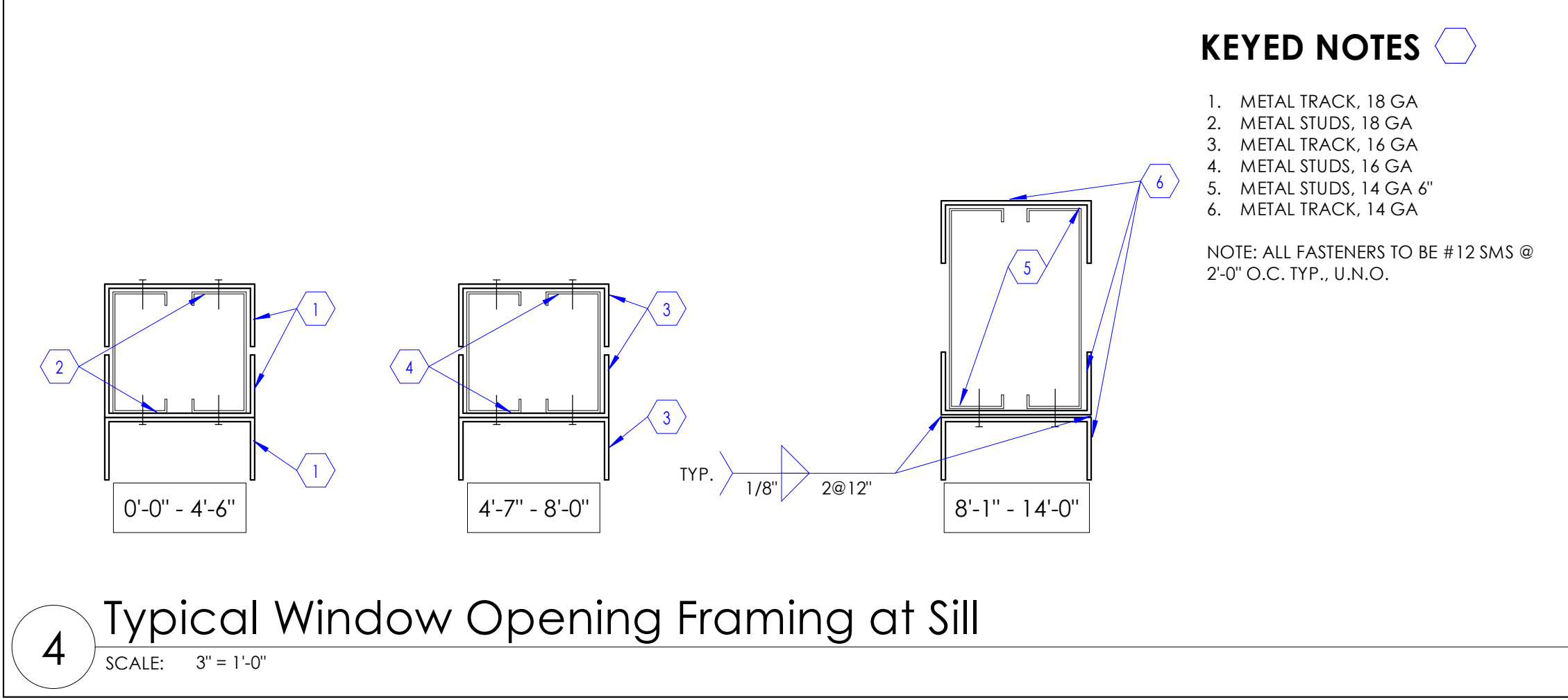
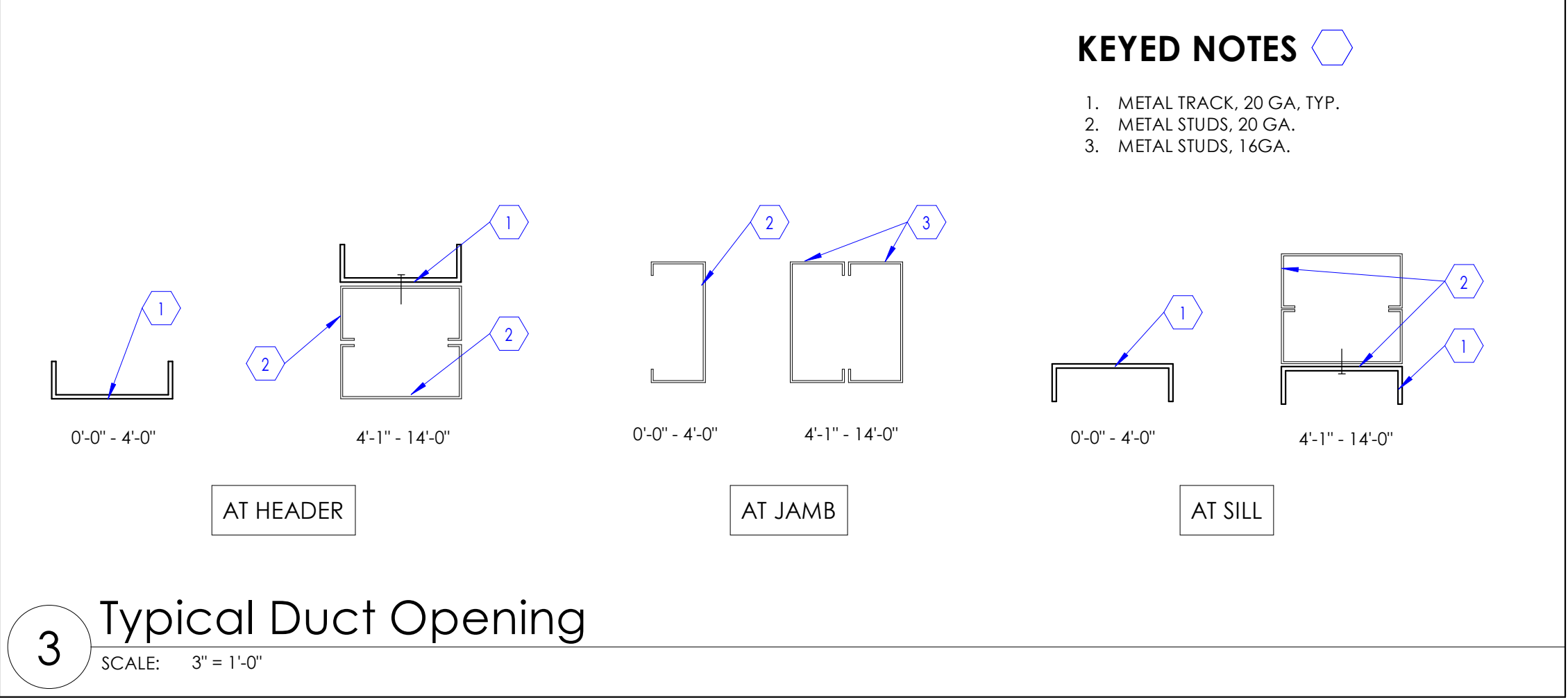
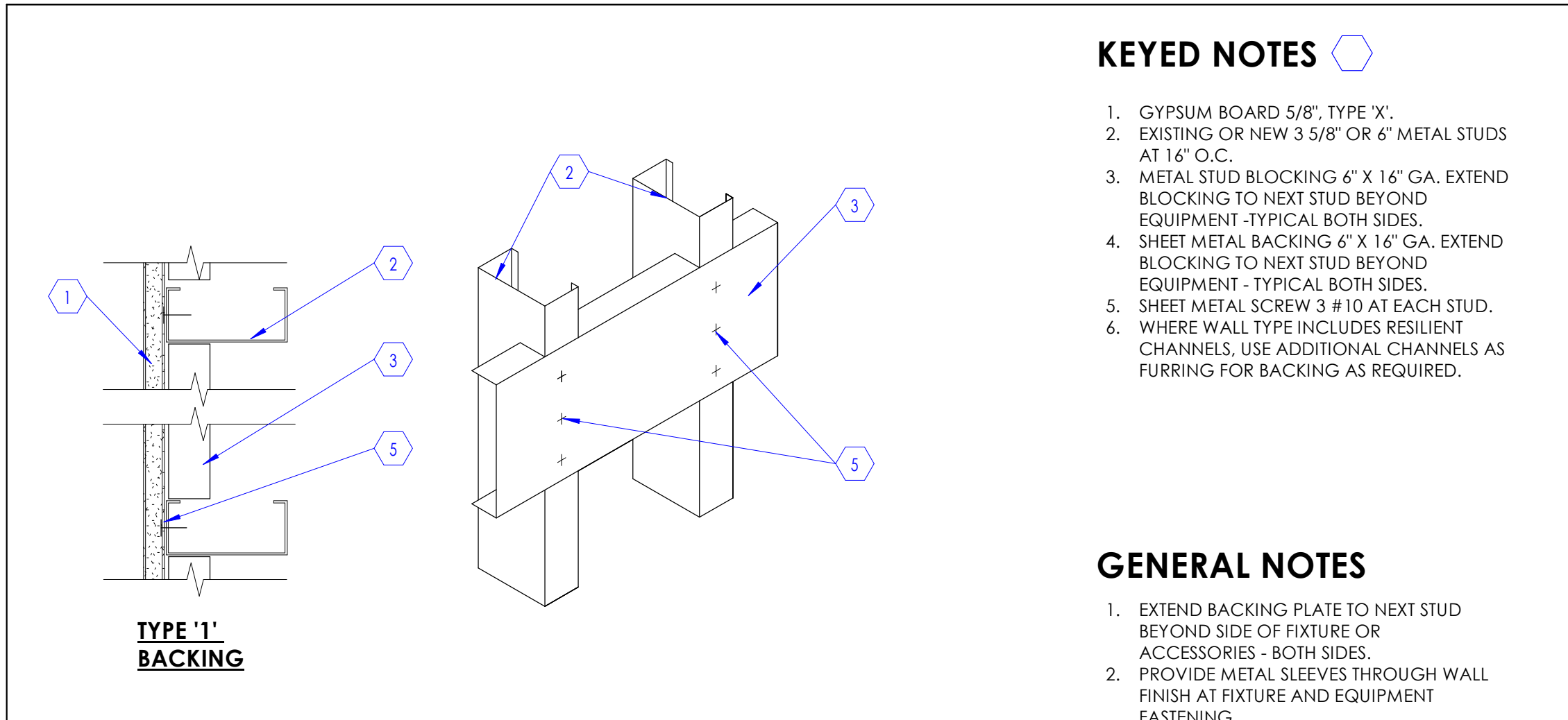
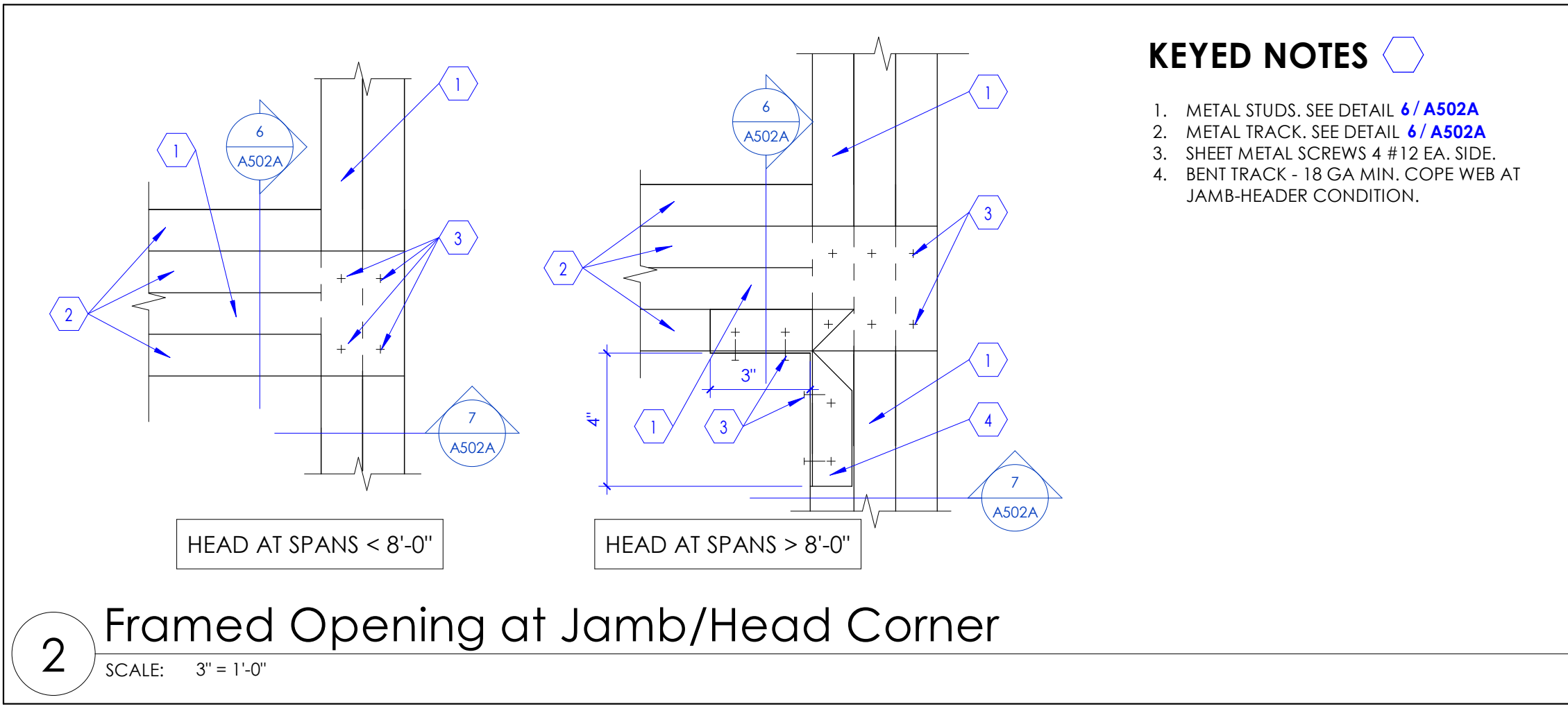
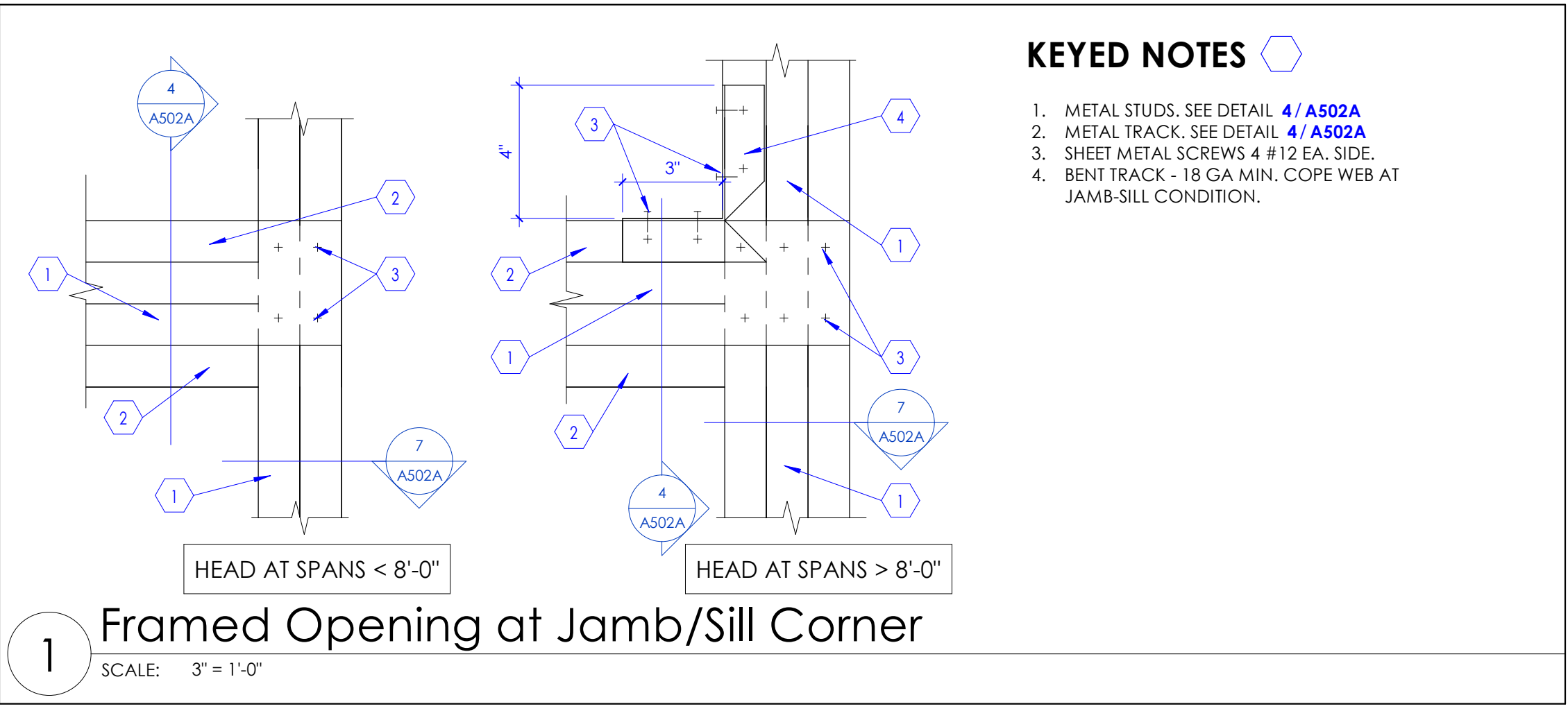
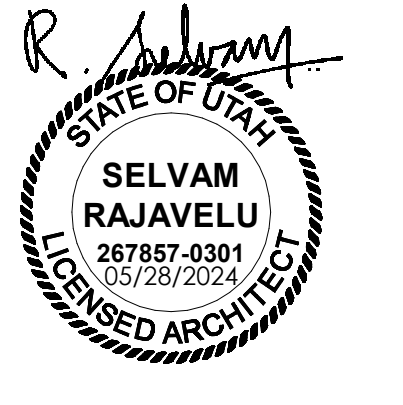
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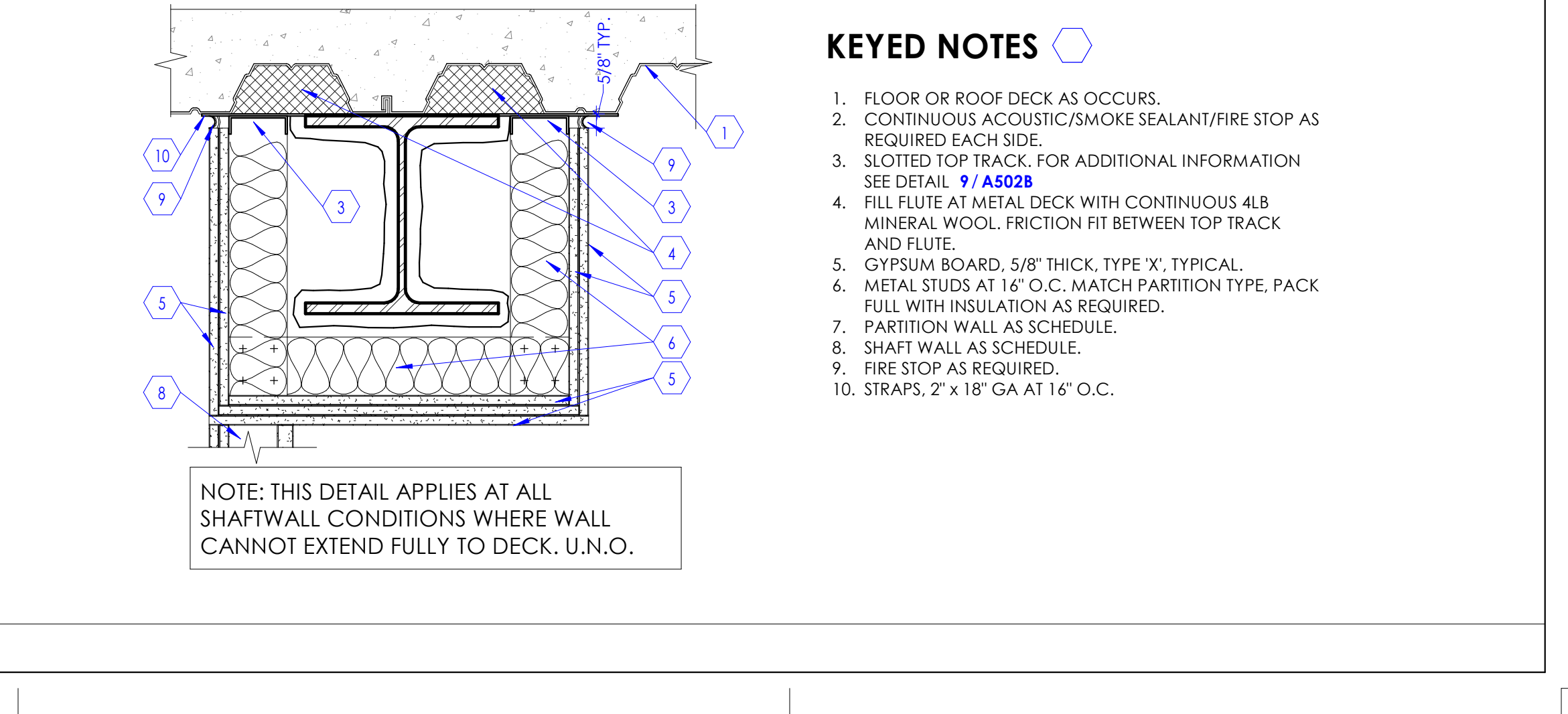
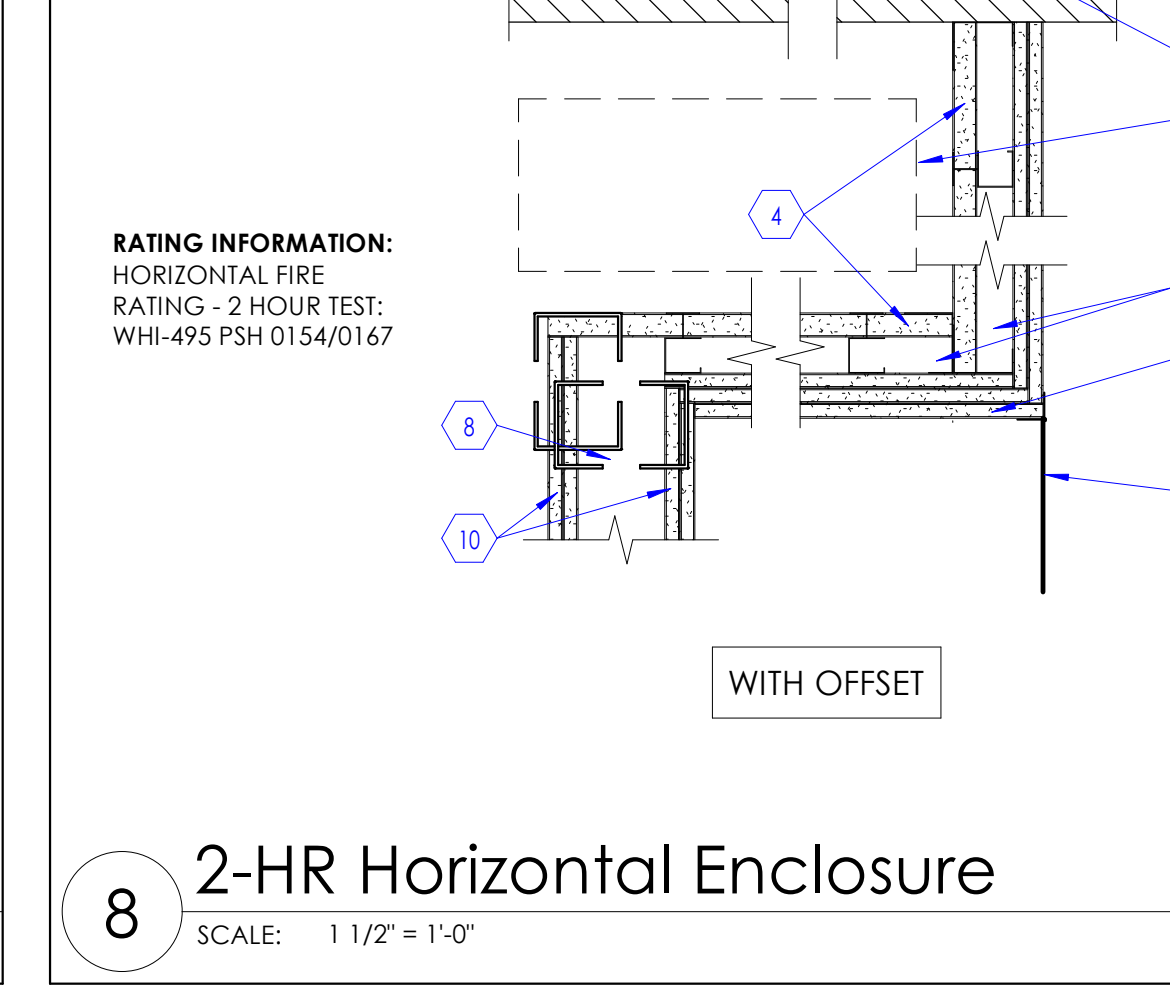
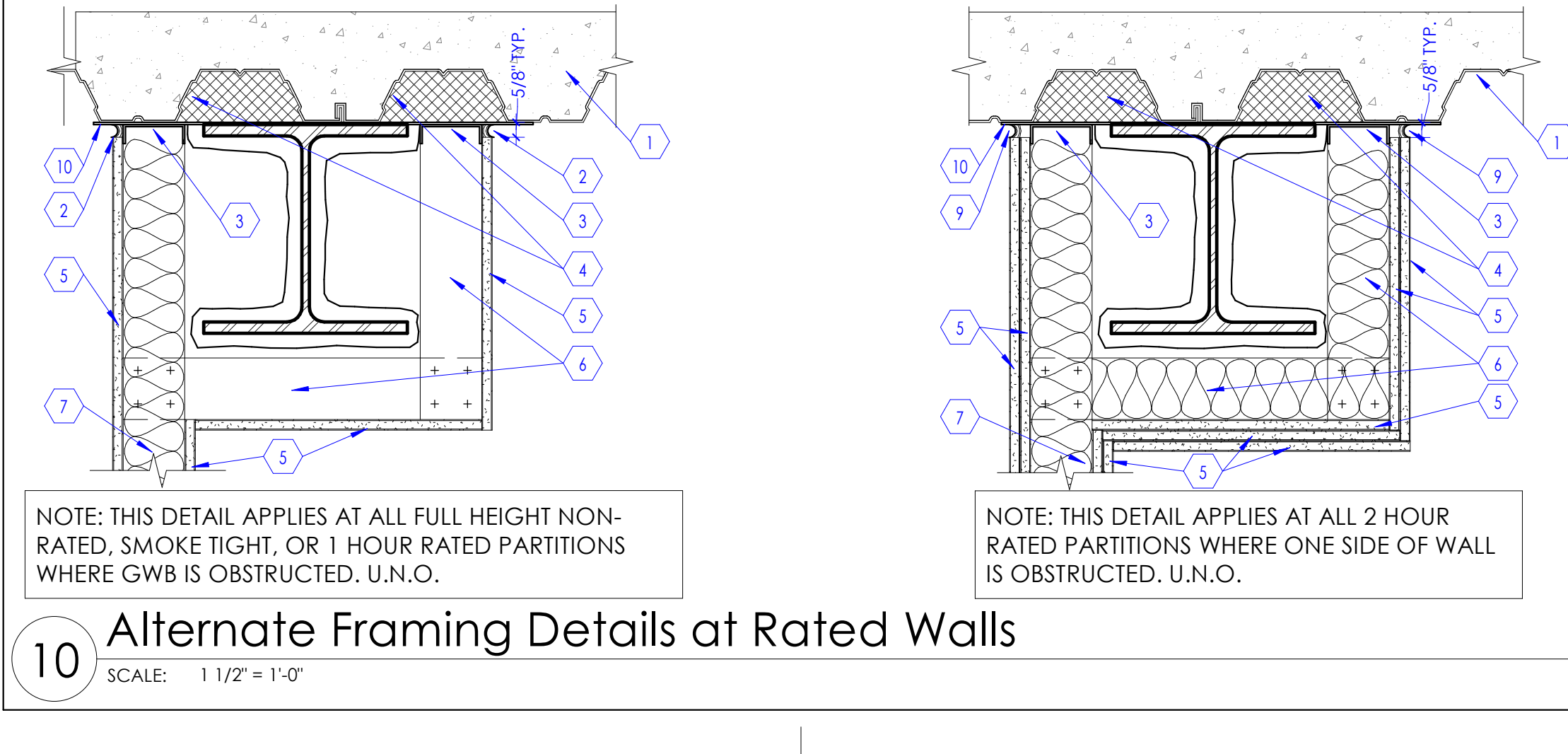
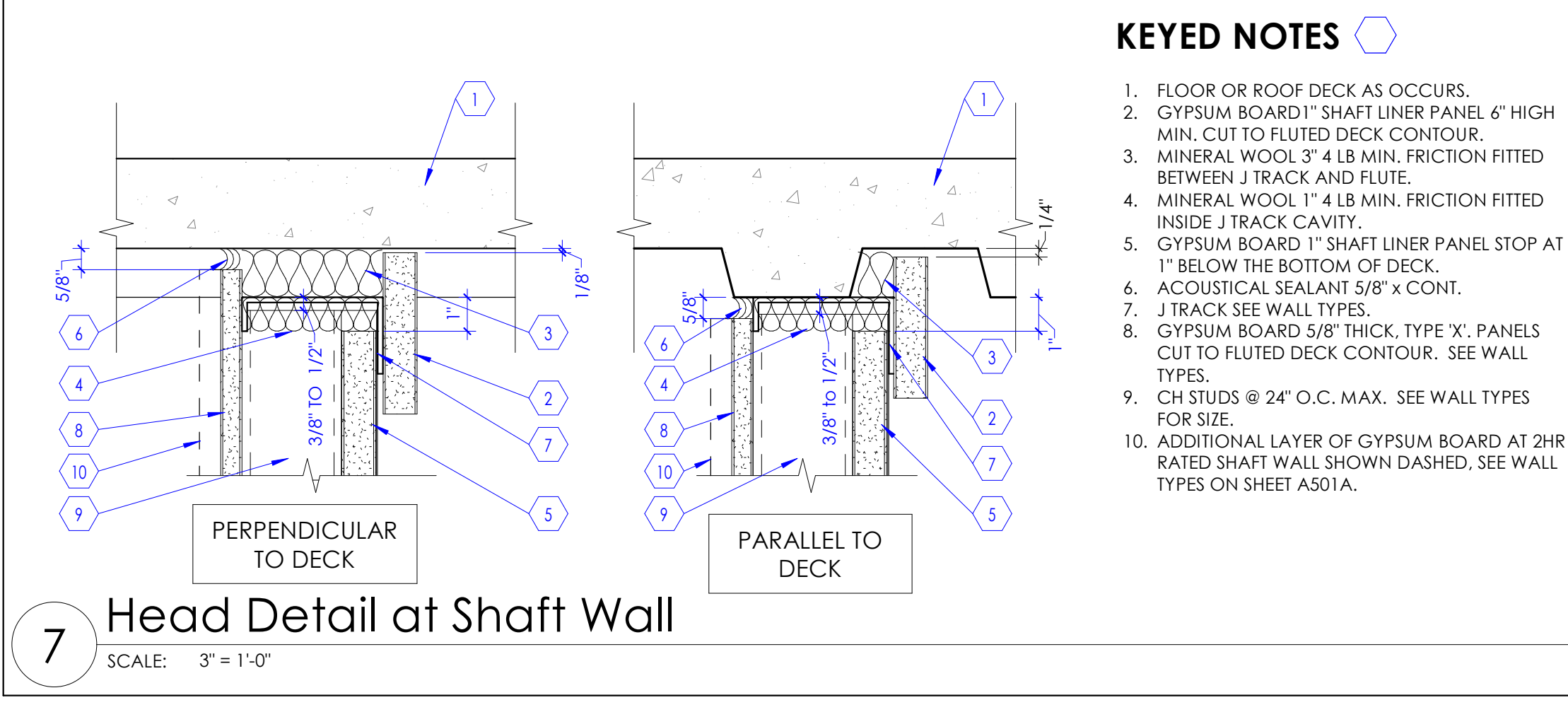
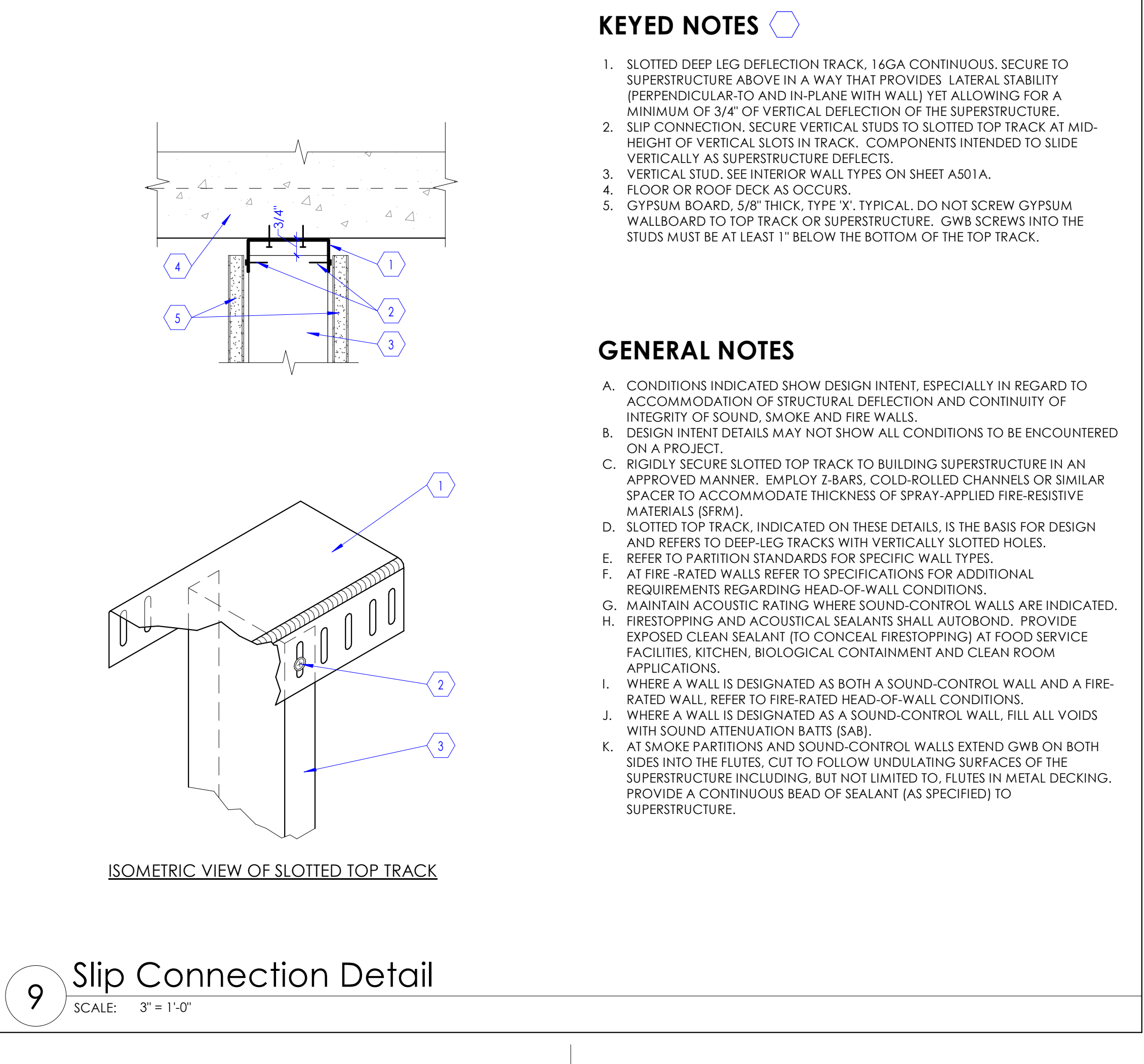
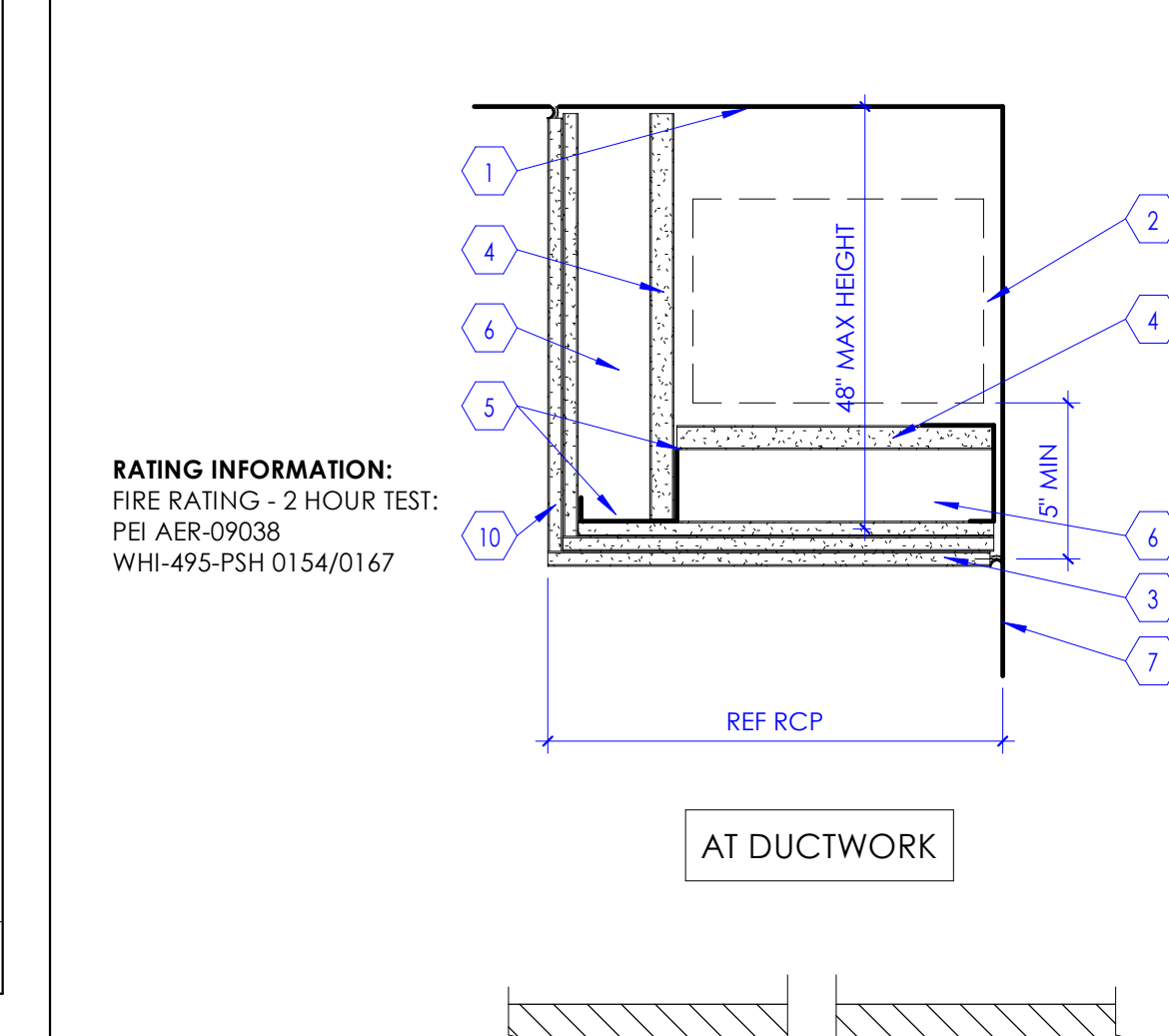
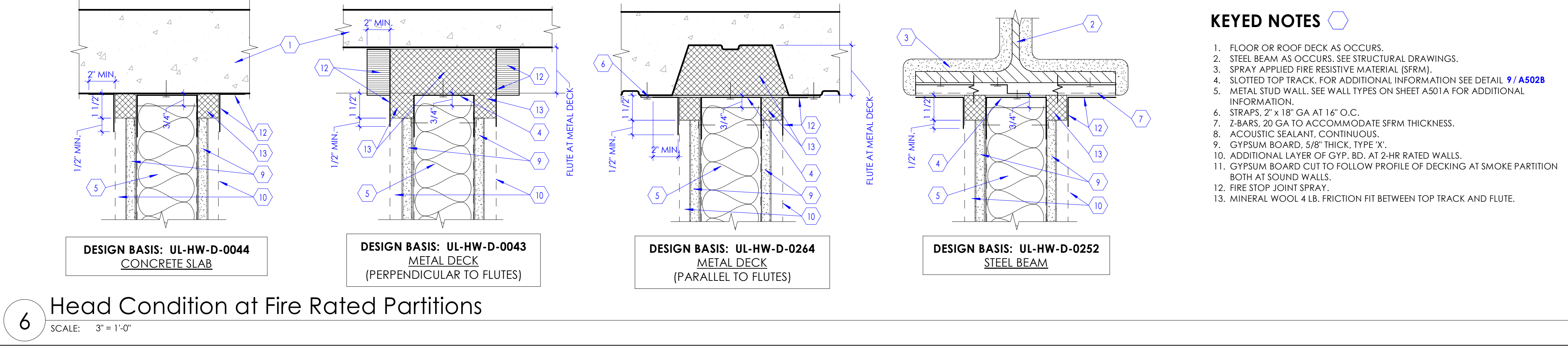
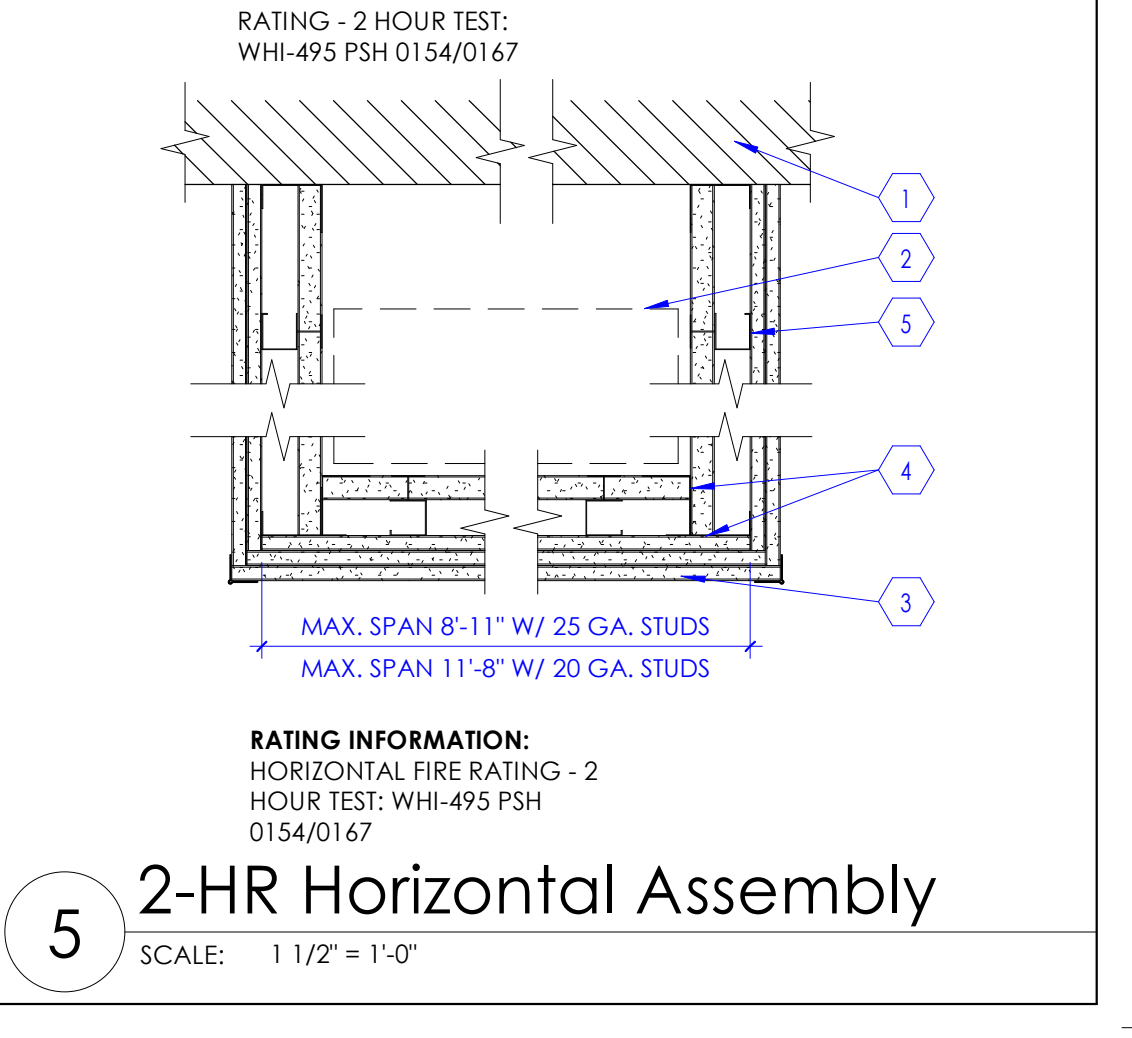
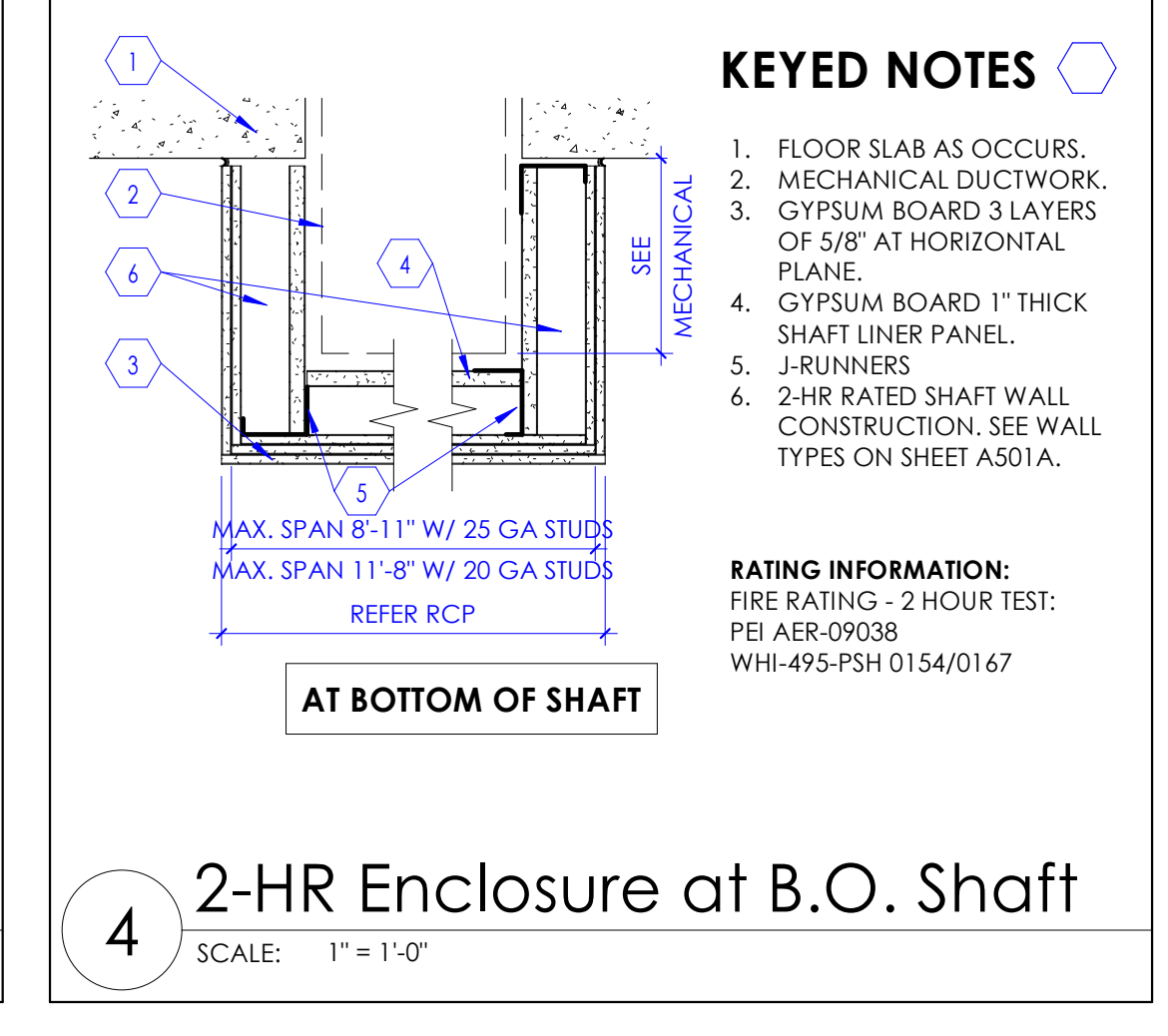
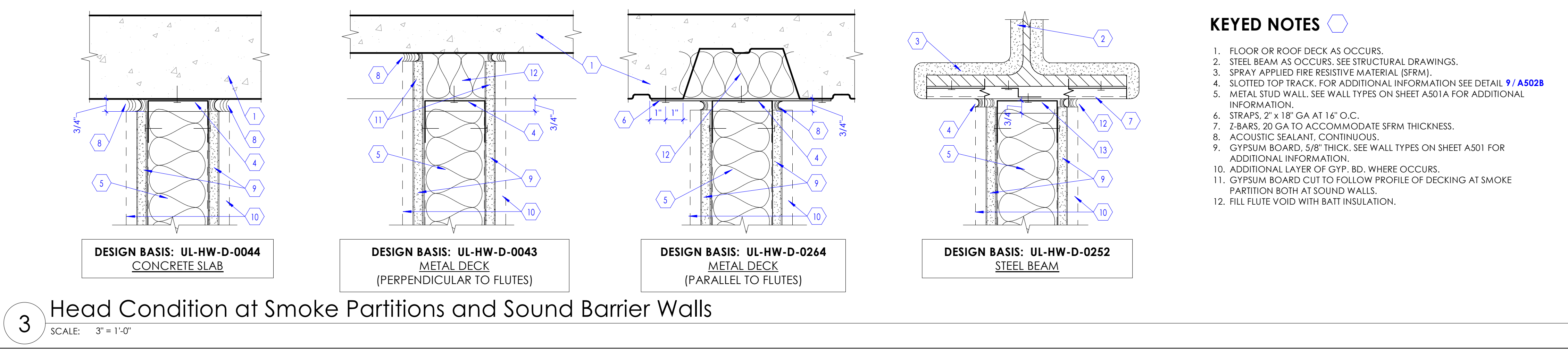
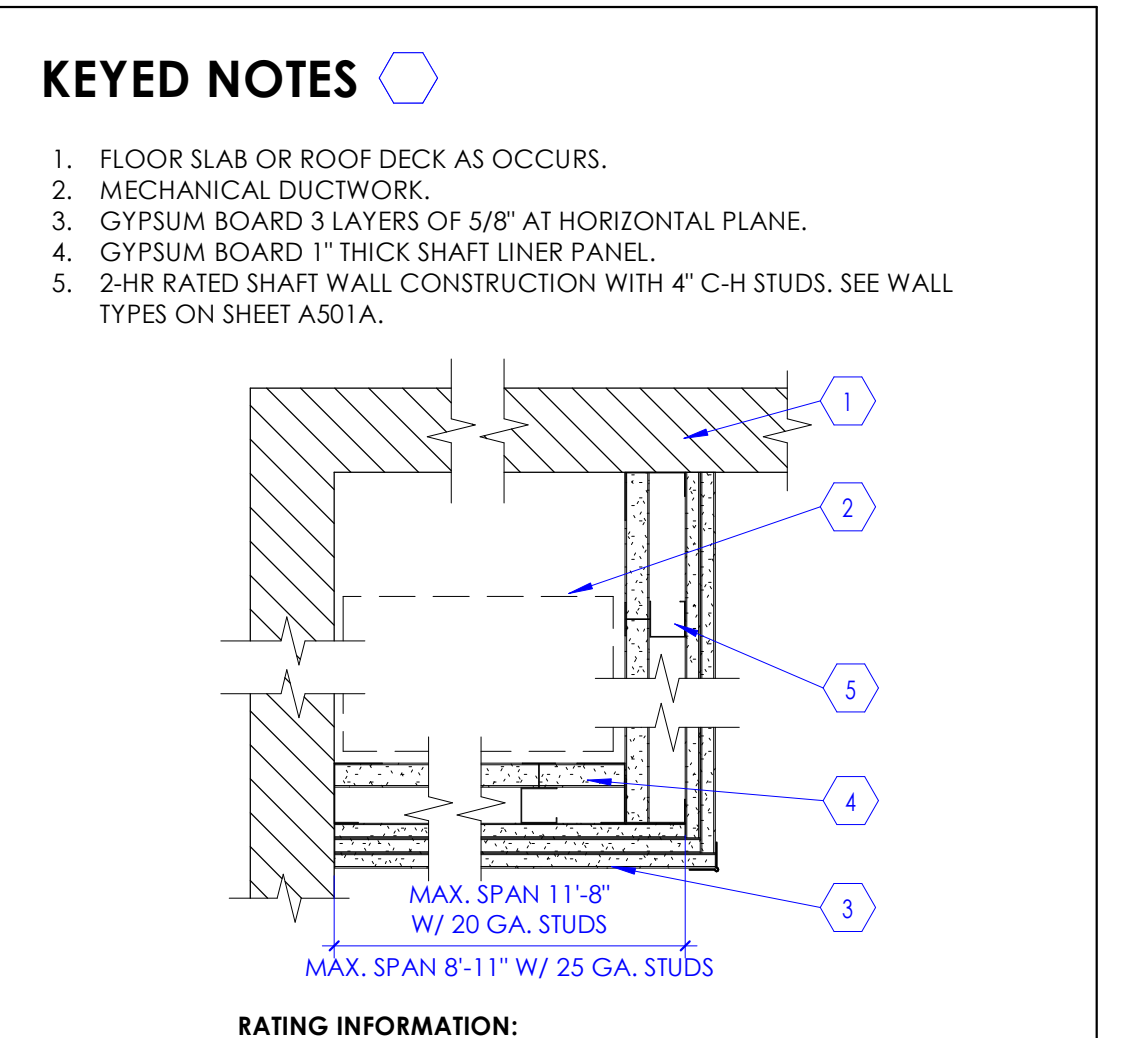
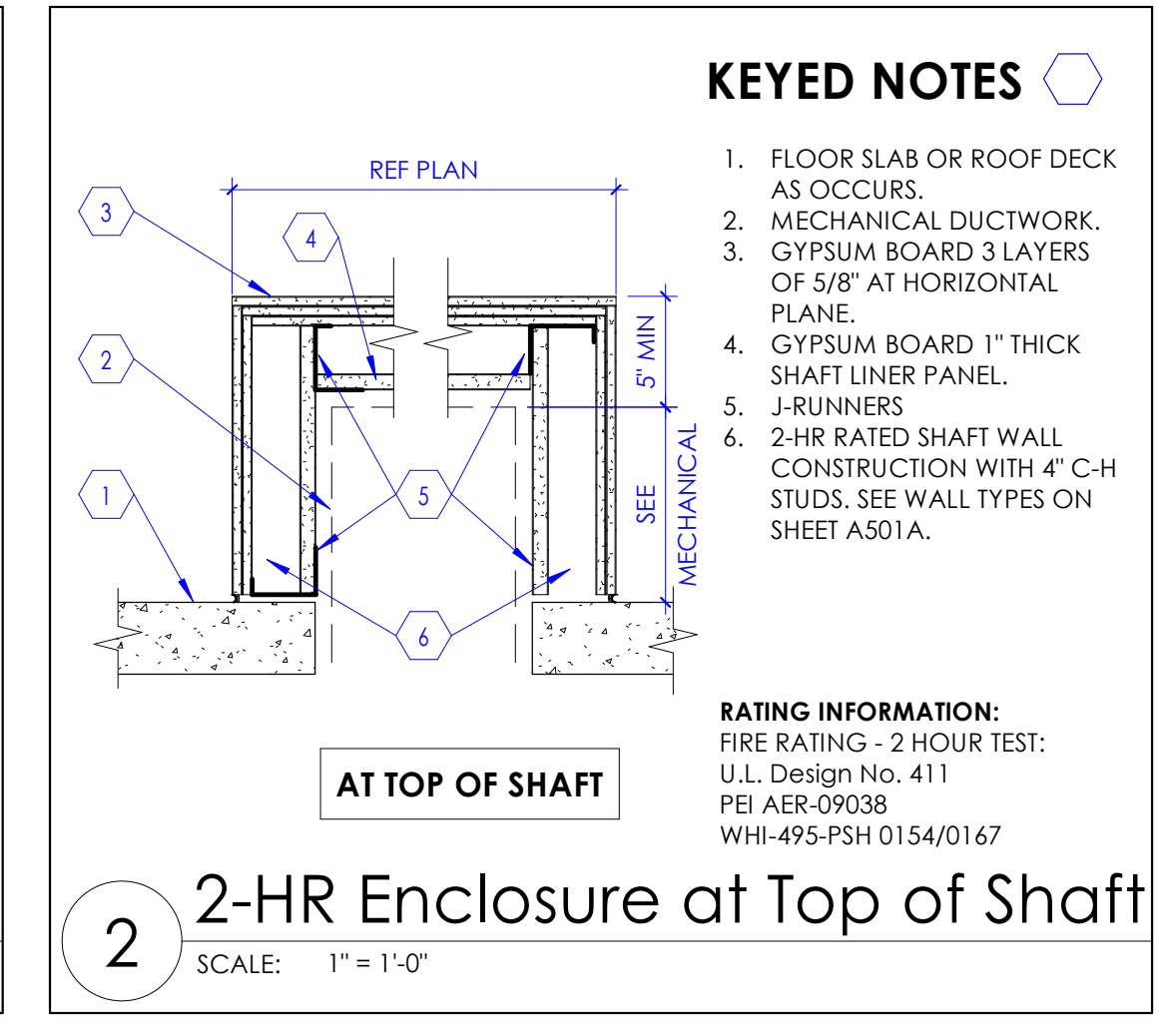
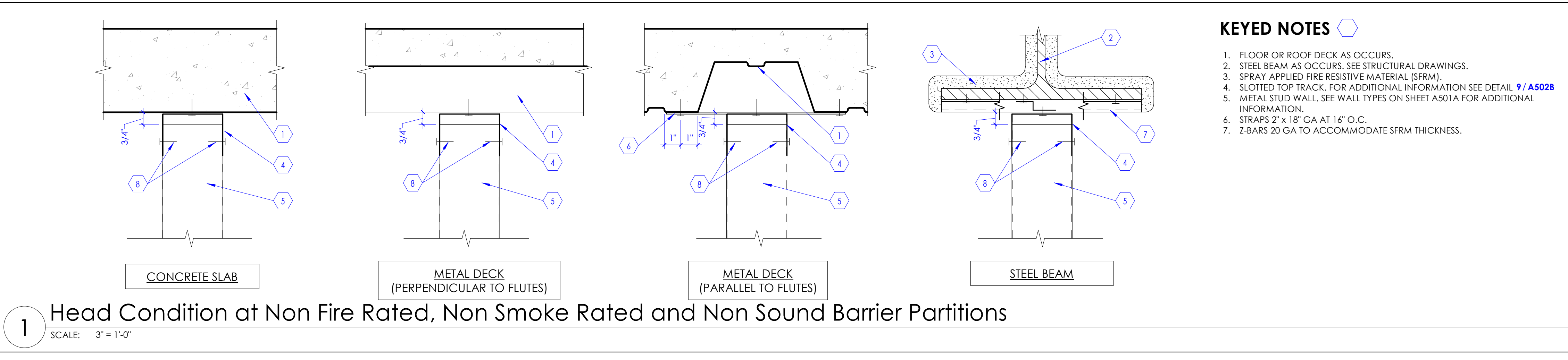
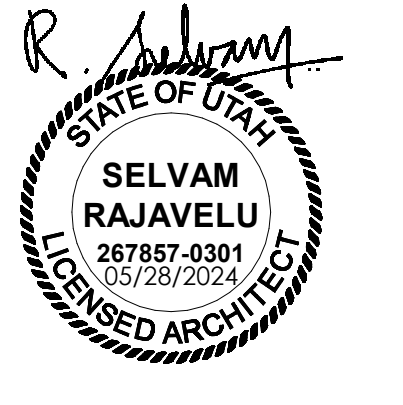
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Construction Documents May 28, 2024

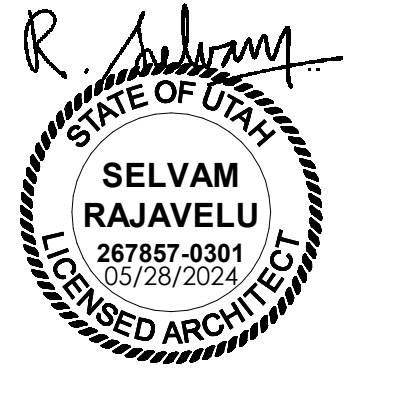
Wall Types

A501A

1 Wall Types (Note: See dimension floor plans for locations of wall types used in this project. Some wall types shown above may not be used in this project.)
SCALE: 1 1/2" = 1'-0"







KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
2. EXPOSED MAIN GRID MEMBER @ 4'-0" O.C.
3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY.
4. SEISMIC RESTRAINT. SEE DETAIL 7 / A503A
5. SLOTTED ANGLE SPACER.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

1 Typical Acoustical Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. MAIN RUNNER 1 1/2" @ 4'-0" O.C.
2. FURRING CHANNEL @ 1'-4" O.C.
3. HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL 8 / A503A

2 Typical Gypsum Bd Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. CONCRETE OVER METAL DECK OR CONCRETE PAN & JOIST SYSTEM.
2. CONTINUOUS METAL PLATE 10 GA X 1'-4" WIDE WITH (2) 1/4" EXPANSION BOLTS.
3. LONG LEG TRACK 16 GA WITH (2) #12 S.M.S. @ 16" O.C.
4. METAL STUD 18 GA MIN. 3-5/8" @ 4'-0" O.C.
5. PL WASHER 1/8" X 3" X 3"

3 Typical Suspended Stud Attachment To Concrete Deck
SCALE: 3" = 1'-0"

KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
2. PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.
3. ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE ROOM (FIXED SIDES).
4. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
5. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
6. 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.
7. EXPOSED MAIN RUNNER SHALL BE HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE. THIS END OF THE GRID SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.
8. LINE OF WALL.
9. SEISMIC CLIPS. BASIS OF DESIGN ARMSTRONG BERC 2 CLIPS IN LIEU OF 2" WALL ANGLE PER ICC-ESR 1308.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

4 Ceiling Grid Detail
SCALE: 3" = 1'-0"

KEYED NOTES

1. LINE OF STRUCTURE ABOVE.
2. LINE OF WALL.
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.) SUSPENDED FROM STRUCTURE ABOVE (OR WALL WHERE OCCURS). CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
4. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

5 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 3 / A503A
2. METAL STUD 3-5/8" X 18 GA LATERAL (45 DEG) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
3. SHEET METAL SCREWS (4) #10.
4. ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING PLANS.
5. PERIMETER ANGLE MOLDING. SEE DETAIL 4 / A503A
6. GYPSUM BOARD 5/8" TYPE 'X', TYP.
7. HANGER WIRES 12 GA, TYP.

6 Gypsum Board Header
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.
2. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

NOTE:
A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE AT EVERY 144 SQ. FT.
B. ALL SPLAYED WIRES SHALL BE AT 45 DEGREE ANGLES, 12 GAUGE AND GALVANIZED.
C. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

7 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. SHEET METAL #12 SCREWS
2. METAL CLIP 12 GA MIN X 3/4" W.
3. MACHINE BOLT 1/2" DIA. MIN.
4. ANGLE STRUT OR CHANNEL
5. METAL CLIP 1" W X 2" X 12 GA. MIN.
6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
8. METAL RUNNER CHANNELS, 1 1/2" THICK AT 48" O.C.
9. GYPSUM BOARD 5/8" THICK ATTACHED TO METAL FURRING CHANNEL.

8 Gypsum Board Ceiling Seismic Restraint Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
2. LINE OF WALL.
3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
4. METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.
5. LINE OF STRUCTURE ABOVE.

9 Gypsum Board Soffit
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. EXPANSION SLEEVES 4"x1 1/4", BASIS OF DESIGN: ARMSTRONG E54, COLOR: WHITE.
2. MAIN BEAM, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" XL EXPOSED TEE SYSTEM.
3. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJMR-4"x1".
4. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJCS-5"x1 1/2".
5. CROSS TEES, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" XL EXPOSED TEE SYSTEM.

10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS. SEE MECHANICAL DRAWINGS
4. LINE OF WALL.
5. UNISTRUT P1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK, PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
7. UNISTRUT, P1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS WASHERS CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, P1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE.
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE ROOF FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

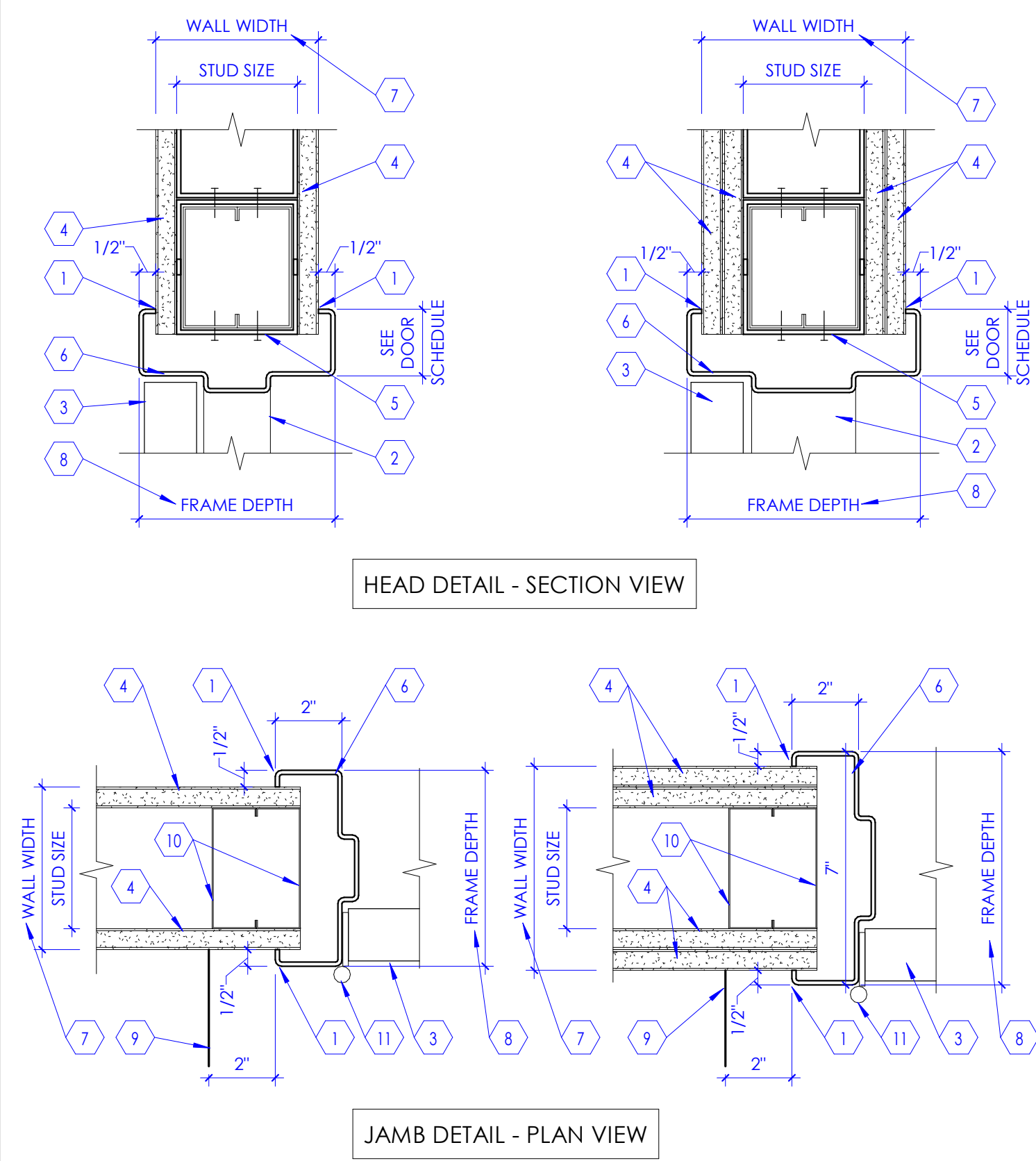
NOTE:
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.

11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"

KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GA MIN.
2. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
3. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
4. EXPOSED MAIN RUNNER, SUSPENDED FROM STRUCTURE ABOVE.
5. FINISHED SUSPENSION TRIM, 4" BY CEILING SUPPLIER.
6. INTERSECTION TEE ATTACHMENT CLIP.
7. TRIM COLOR SHALL MATCH GRID COLOR.

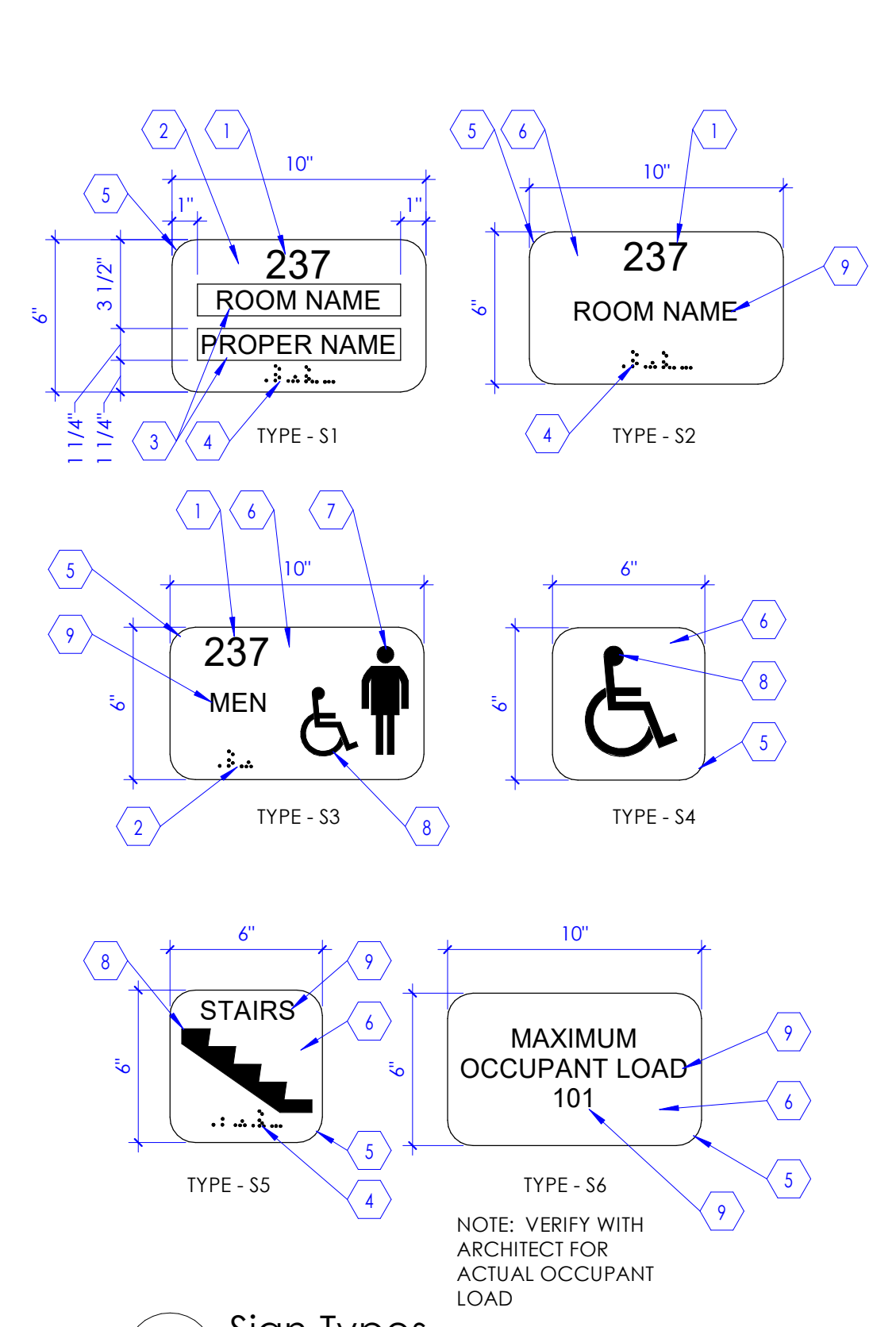
12 Ceiling Trim Detail
SCALE: N.T.S.



KEYED NOTES

1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
2. DOOR FRAME SEEN BEYOND.
3. DOOR, SEE DOOR SCHEDULE FOR DOOR TYPE.
4. CYPRESS BOARD, 5/8" THICK, TYPE 'X', ATTACH TO METAL STUD FRAMING. SEE WALL TYPES.
5. STEEL RUNNER (18 GAUGE) FASTENED WITH SCREWS TO STUD STUDS AT EACH END. SEE DETAIL 4 / A502A.
6. HOLLOW METAL DOOR FRAME, FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS, PAINT FRAME.
7. SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.
8. FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".
9. LINE OF WALL, AS OCCURS.
10. PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC. PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.) SEE DETAIL 7 / A502A.
11. DOOR HINGE AS OCCURS. SEE DOOR AND HARDWARE SCHEDULE. SEE FLOOR PLAN FOR DOOR SWING.

1 Door Frame in Stud Wall
SCALE: 3" = 1'-0"

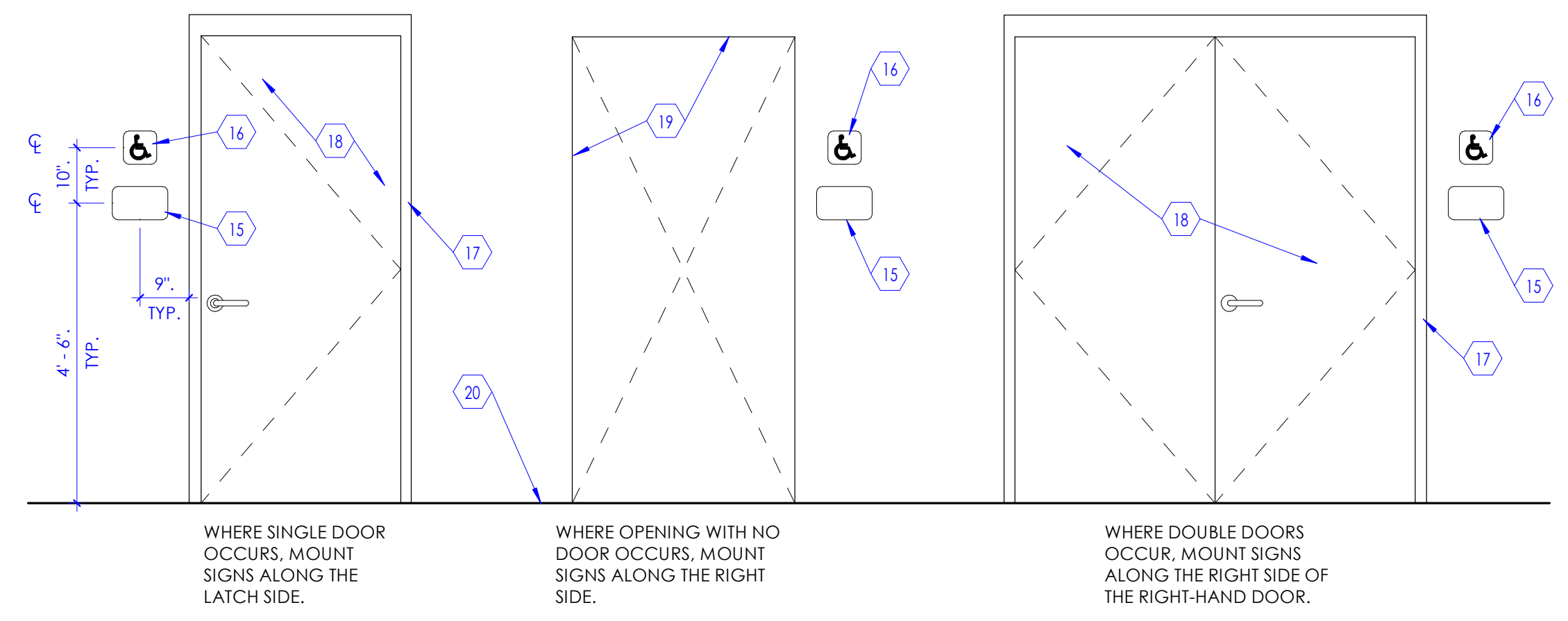


KEYED NOTES

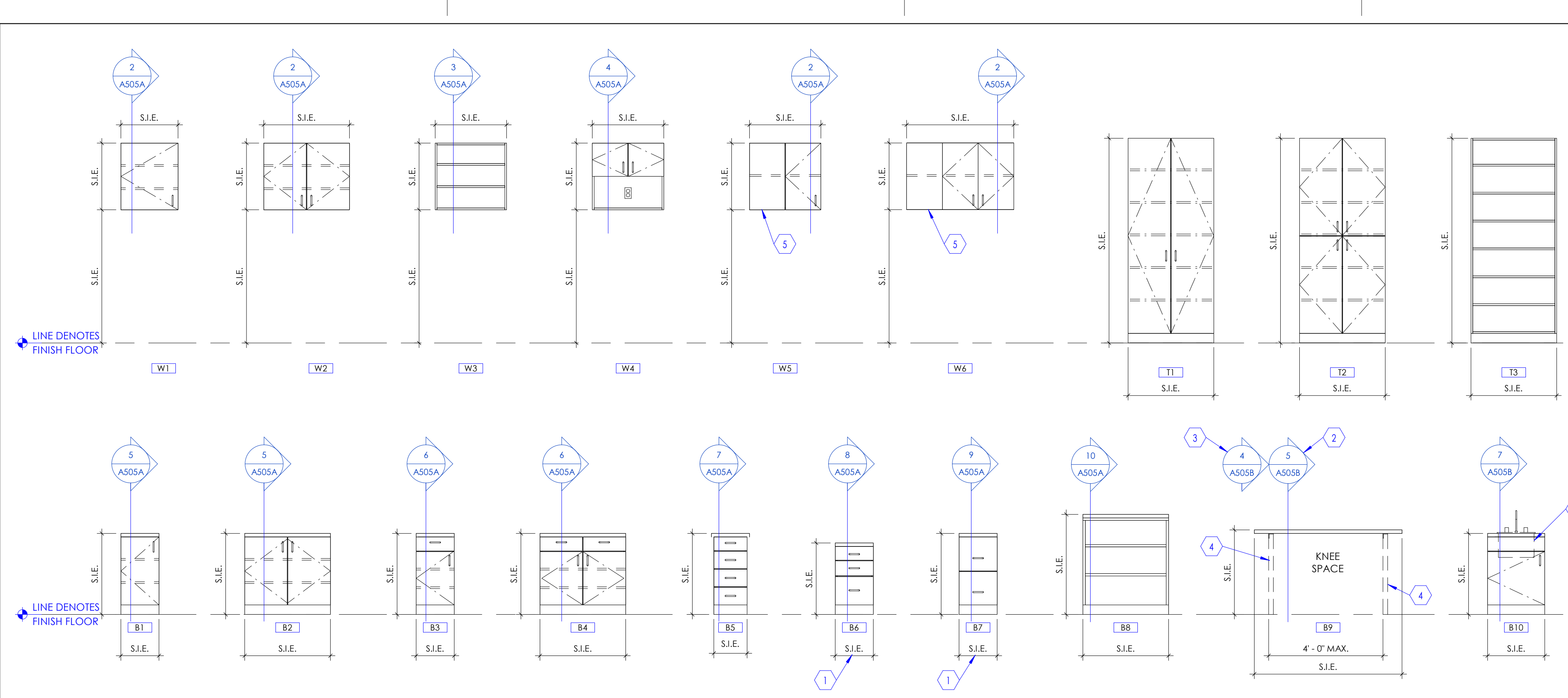
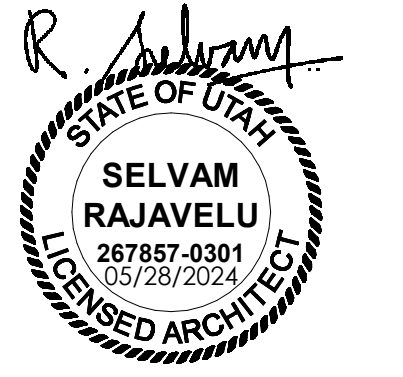
1. ROOM NUMBER (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
2. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL (WITH TRANSPARENT WINDOW) ATTACHED TO BASE PANEL.
3. TRANSPARENT WINDOW FOR TEXT INSERT (HELVETICA FONT) TEXT INSERT SHALL BE FURNISHED AND INSTALLED BY SIGN CONTRACTOR.
4. BRAILLE CHARACTERS AS PER ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS DENOTING ROOM NUMBER AND NAME.
5. RADIUS CORNER, 1" TYPICAL.
6. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL.
7. PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
8. PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC. AS INDICATED.
9. ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
10. PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
11. LINE OF WALL.
12. MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
13. SHIM PLATE, ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS. USE APPROPRIATE FASTENERS DEPENDING ON THE SUBSTRATE.
14. RECESS 1/16" FOR TEXT INSERT, FOR SIGN "TYPE - S1" ONLY.
15. SIGNAGE.
16. SIGN AT ALL ACCESSIBLE LOCATION.
17. DOOR FRAME. SEE DOOR SCHEDULE.
18. DOOR. SEE DOOR SCHEDULE.
19. OPENING IN WALL.
20. LINE OF FLOOR.

- NOTE:
- A. PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
 - B. SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL "TYPE-S1" WALL SIGNS.
 - C. ALL COLORS SHALL BE SELECTED BY ARCHITECT AND MOUNTED ON WALL OR DOOR PER DETAIL 'B'.

2 Room Signage Detail
SCALE: 2" = 1'-0"



C Sign Mounting Elevations
SCALE: 1/2" = 1'-0"

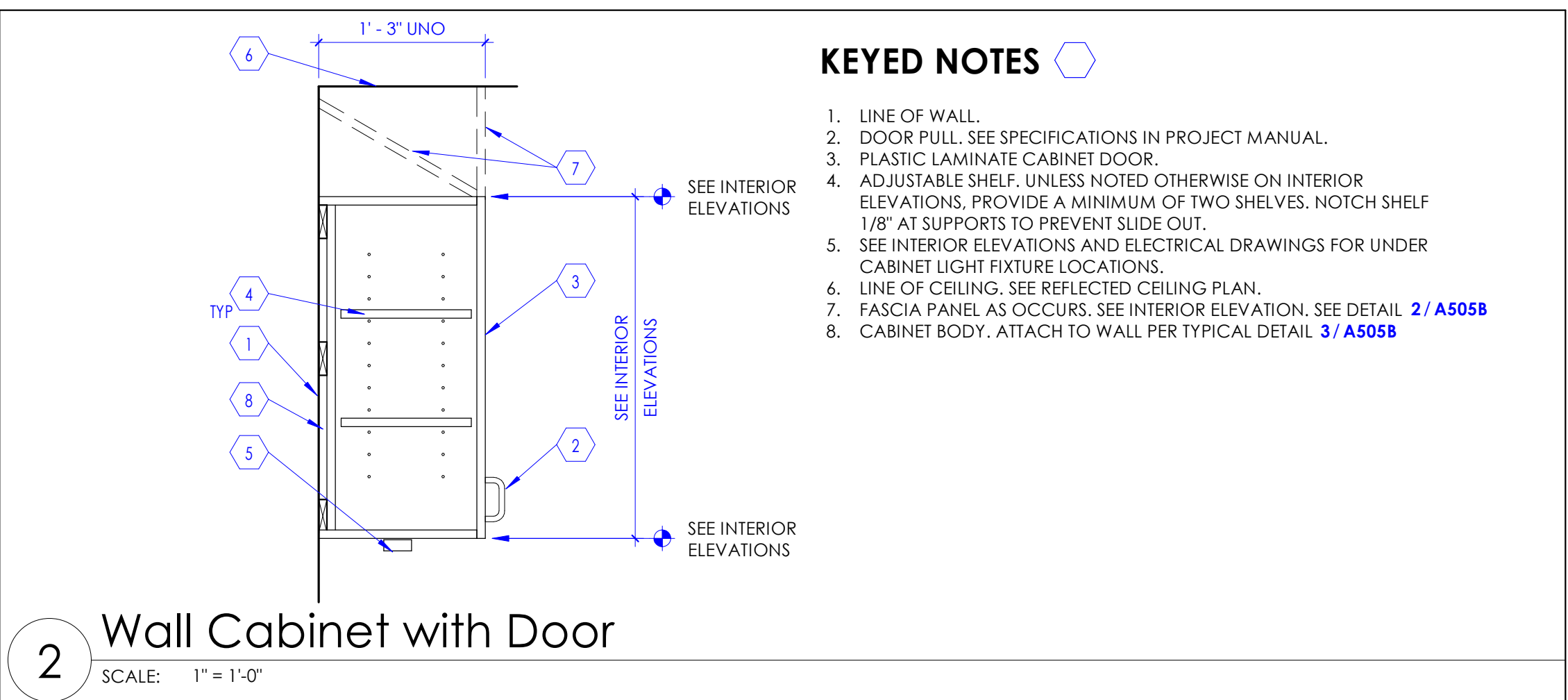


KEYED NOTES

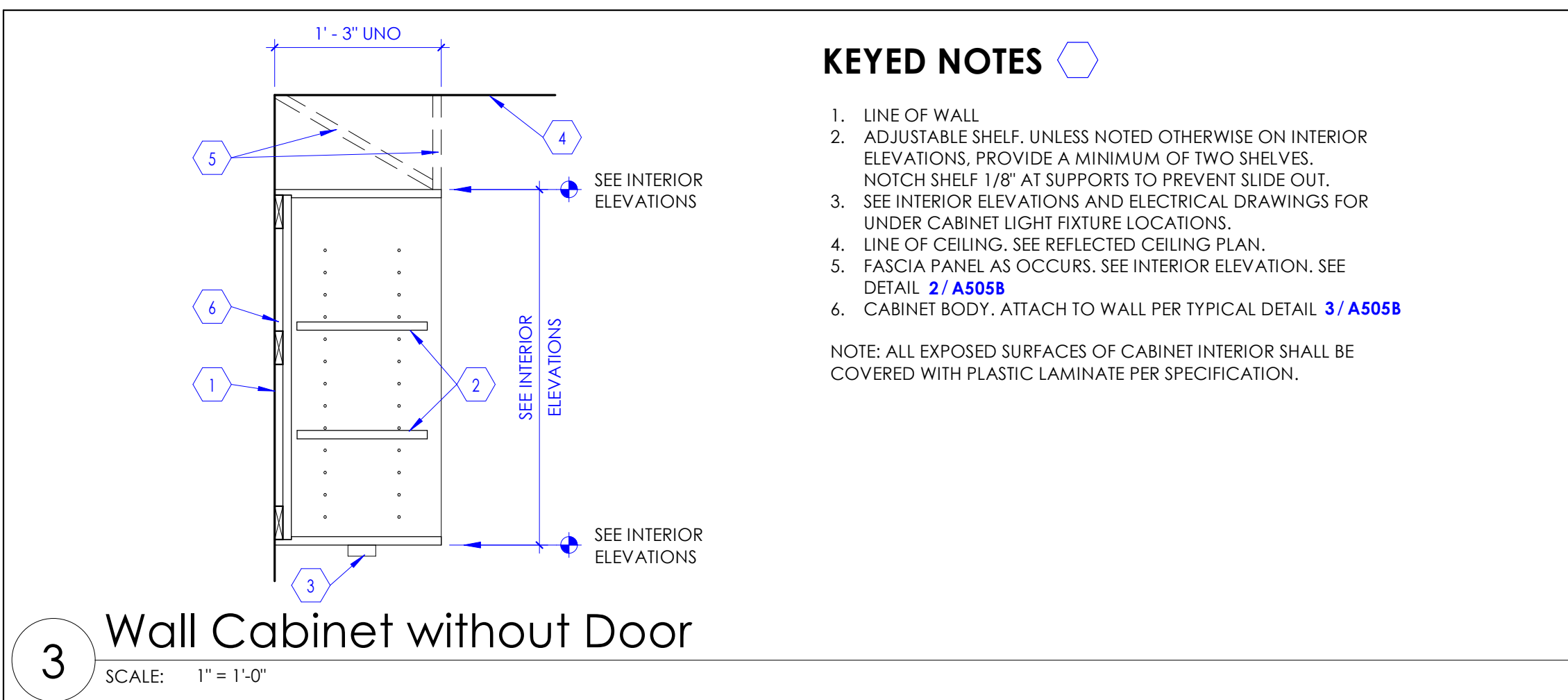
- FILE DRAWER, MINIMUM WIDTH SHALL BE 1'-4" TO HANG FOLDERS (FOR 8-1/2" x 11" SIZE PAPER).
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT STUD WALLS.
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT MASONRY AND CONCRETE WALLS.
- STEEL SUPPORT FOR COUNTERTOP, SEE RELEVANT DETAIL FOR STUD WALL, CMU, AND CONCRETE WALL. SUPPORT IS NOT REQUIRED IF THERE IS AN ADJACENT BASE CABINET.
- FILLER PANEL FOR EXTENDED WALL CABINET, TYPICALLY LOCATED AT ROOM CORNER.
- SINK, SEE ARCHITECTURAL AND PLUMBING DRAWINGS FOR SINK TYPE.
- PROVIDE END PANEL MATCHING THE FRONT SKIRT PANEL. IF THERE IS AN ADJACENT BASE CABINET, END PANEL IS NOT REQUIRED.

1 Cabinet Legend
SCALE: 3/8" = 1'-0"

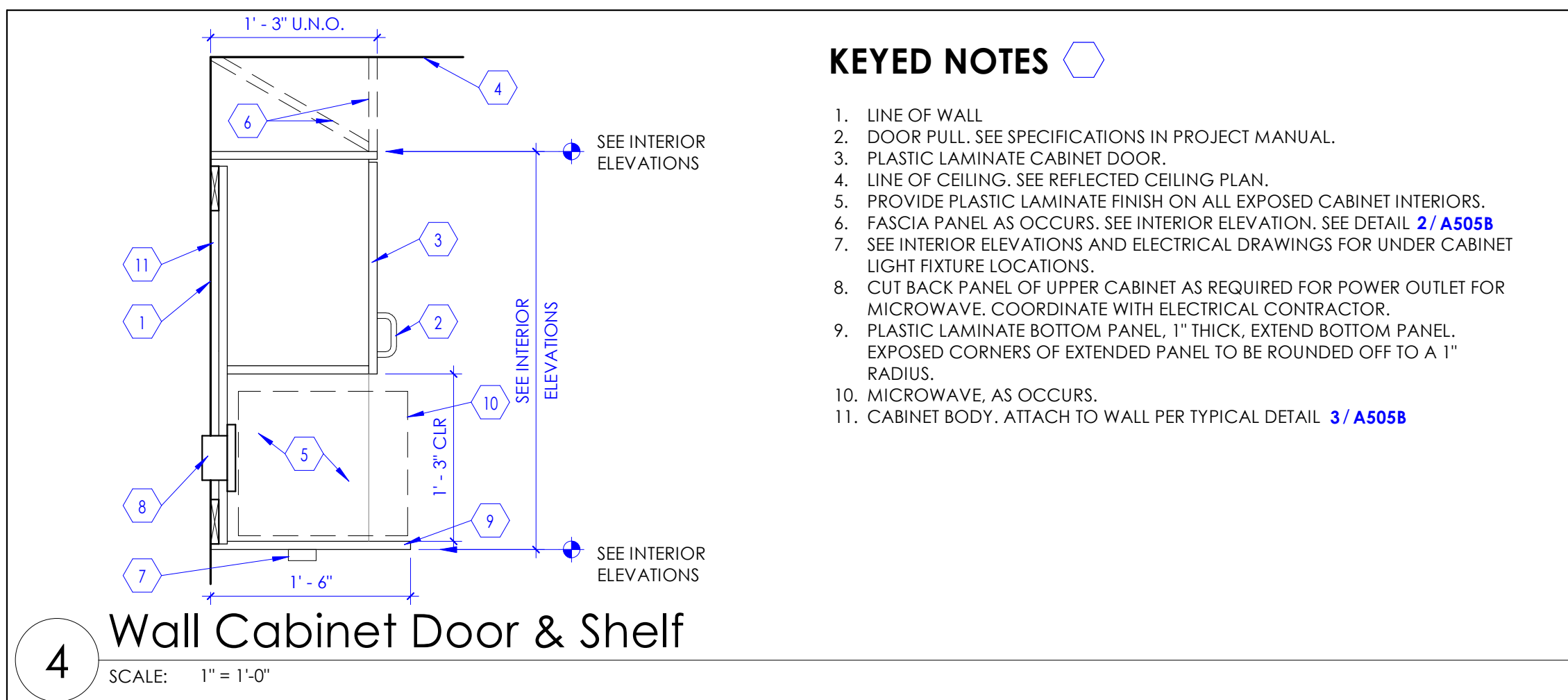
Note: See Interior Elevations (S.I.E.) for occurrence of cabinet types used in this project. Some cabinet type shown above may not be used in this project.



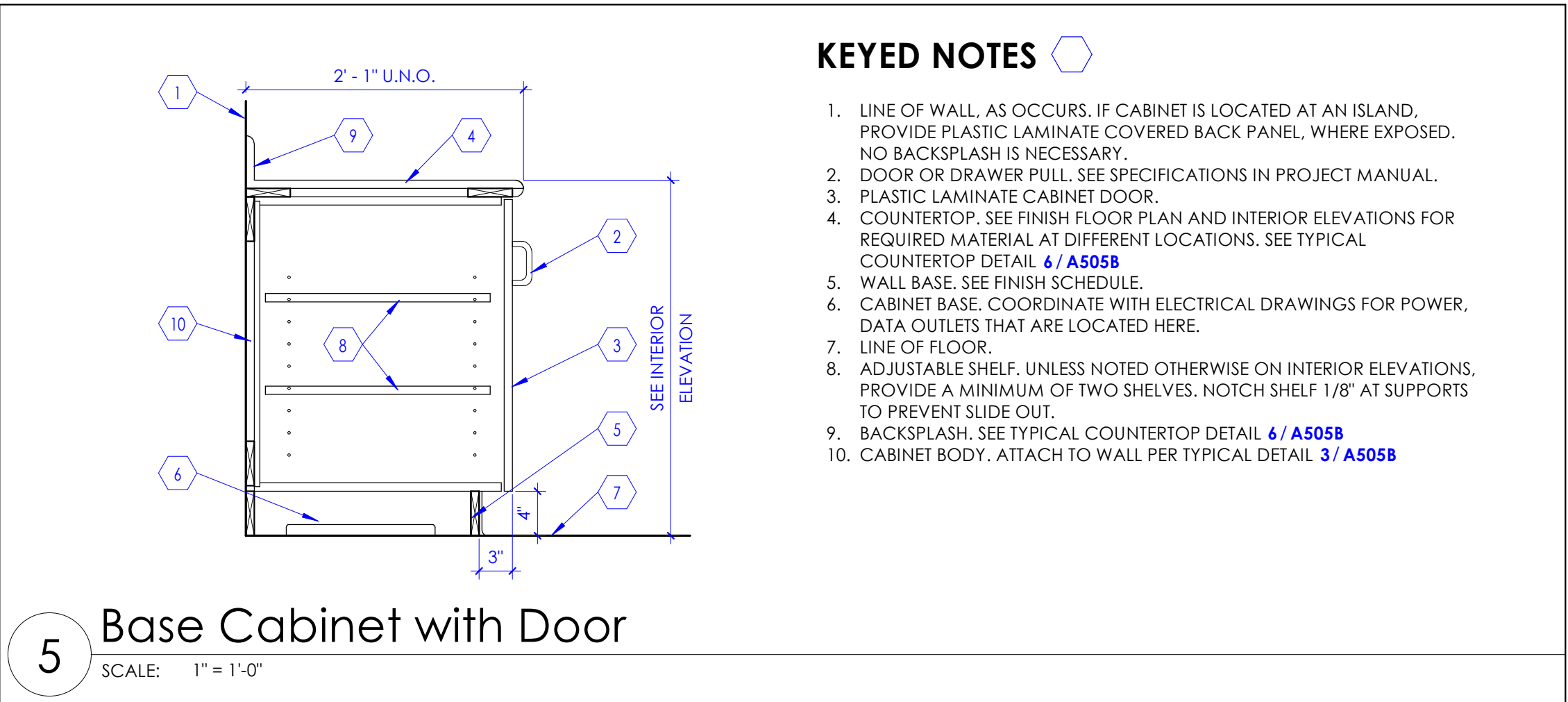
2 Wall Cabinet with Door
SCALE: 1" = 1'-0"



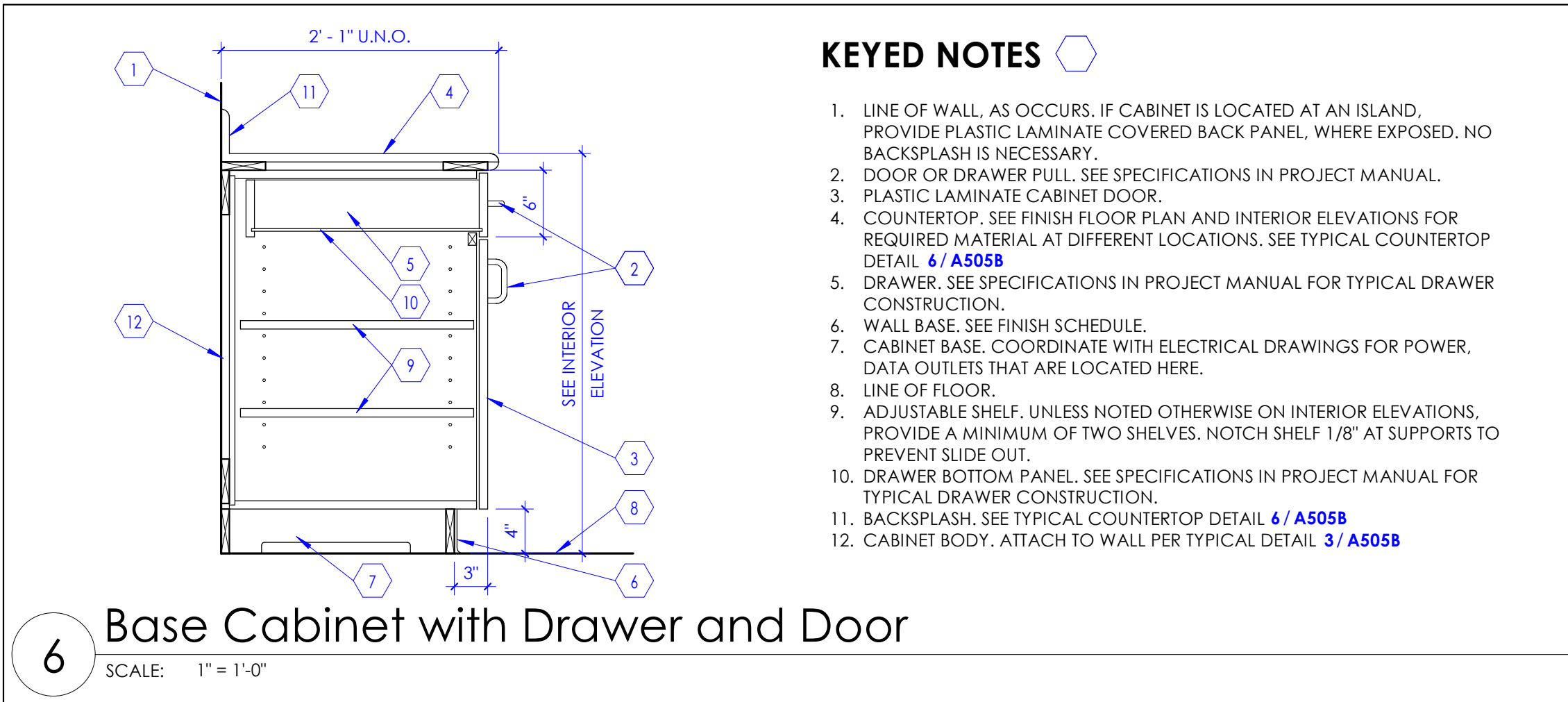
3 Wall Cabinet without Door
SCALE: 1" = 1'-0"



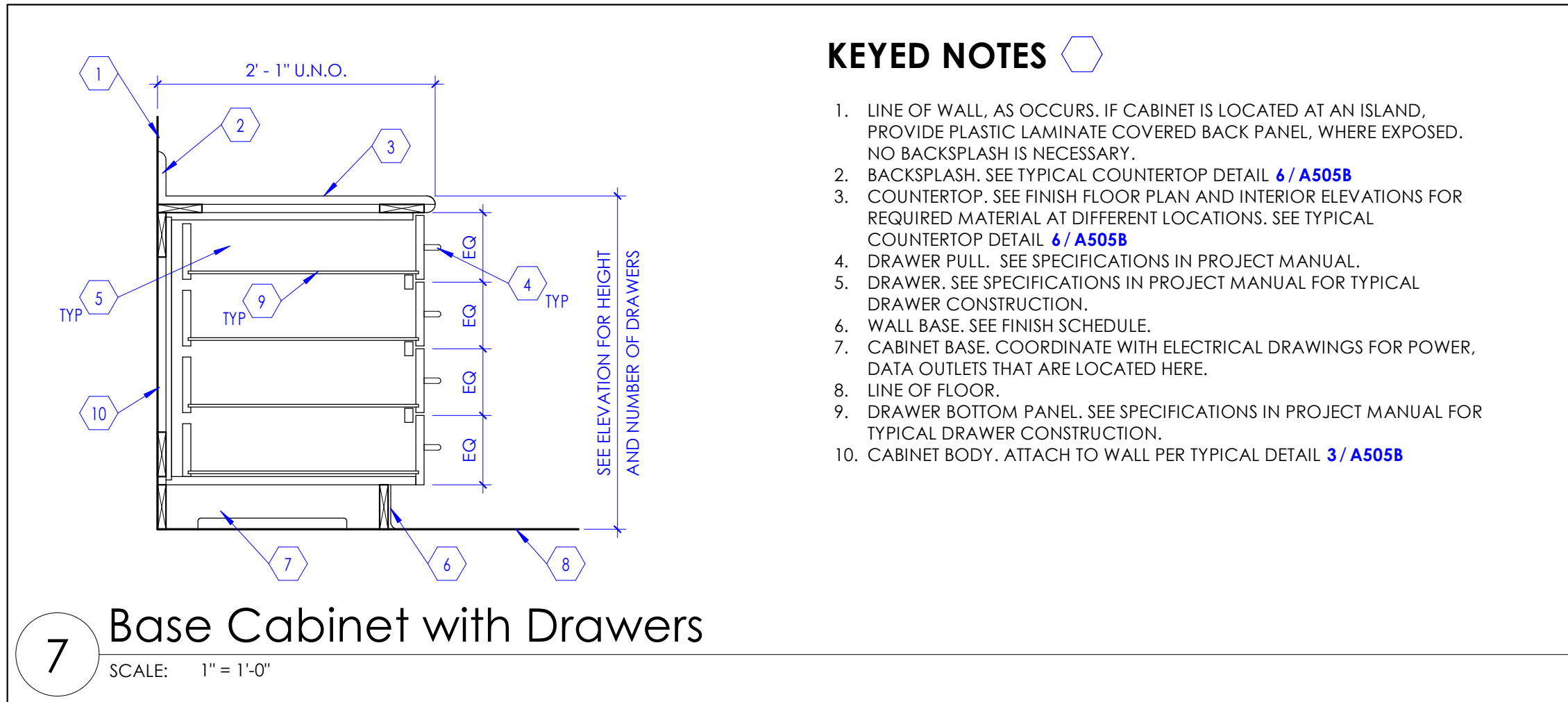
4 Wall Cabinet Door & Shelf
SCALE: 1" = 1'-0"



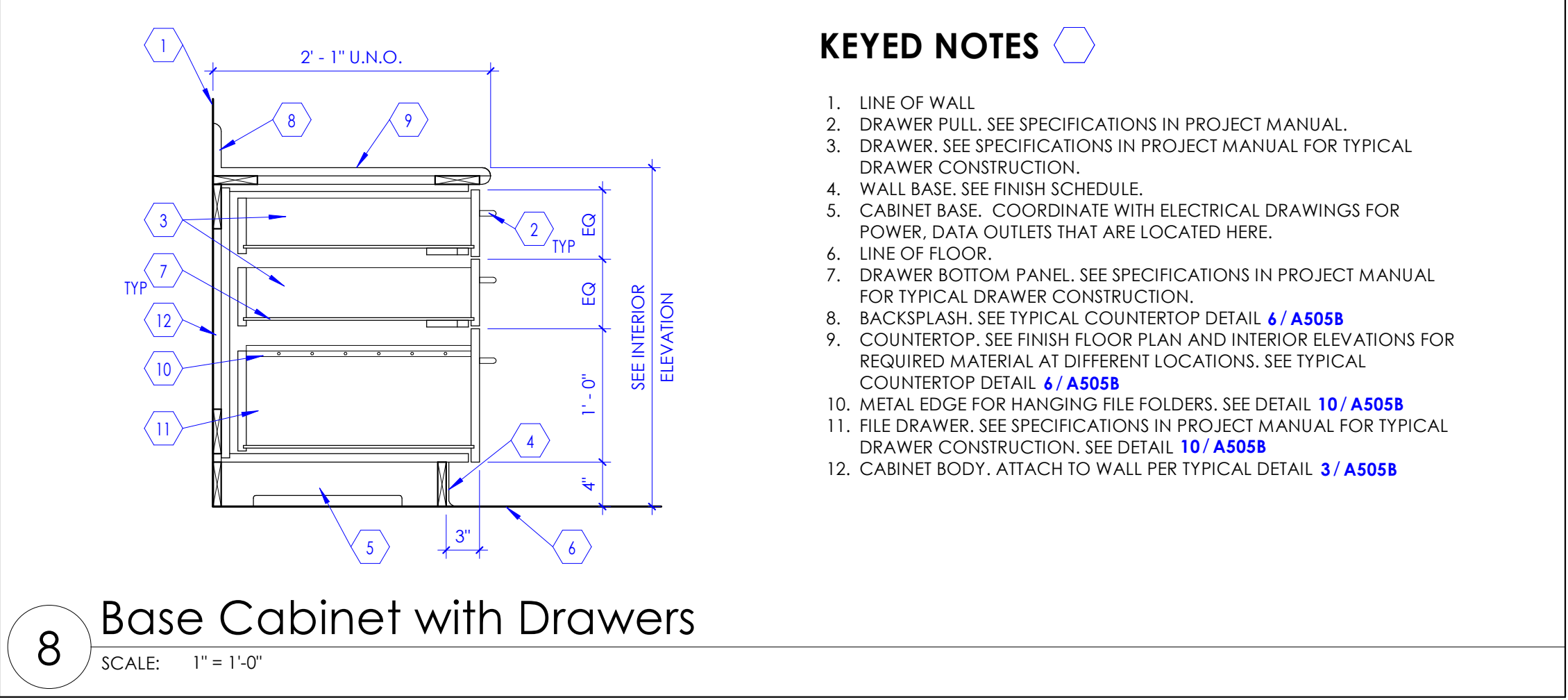
5 Base Cabinet with Door
SCALE: 1" = 1'-0"



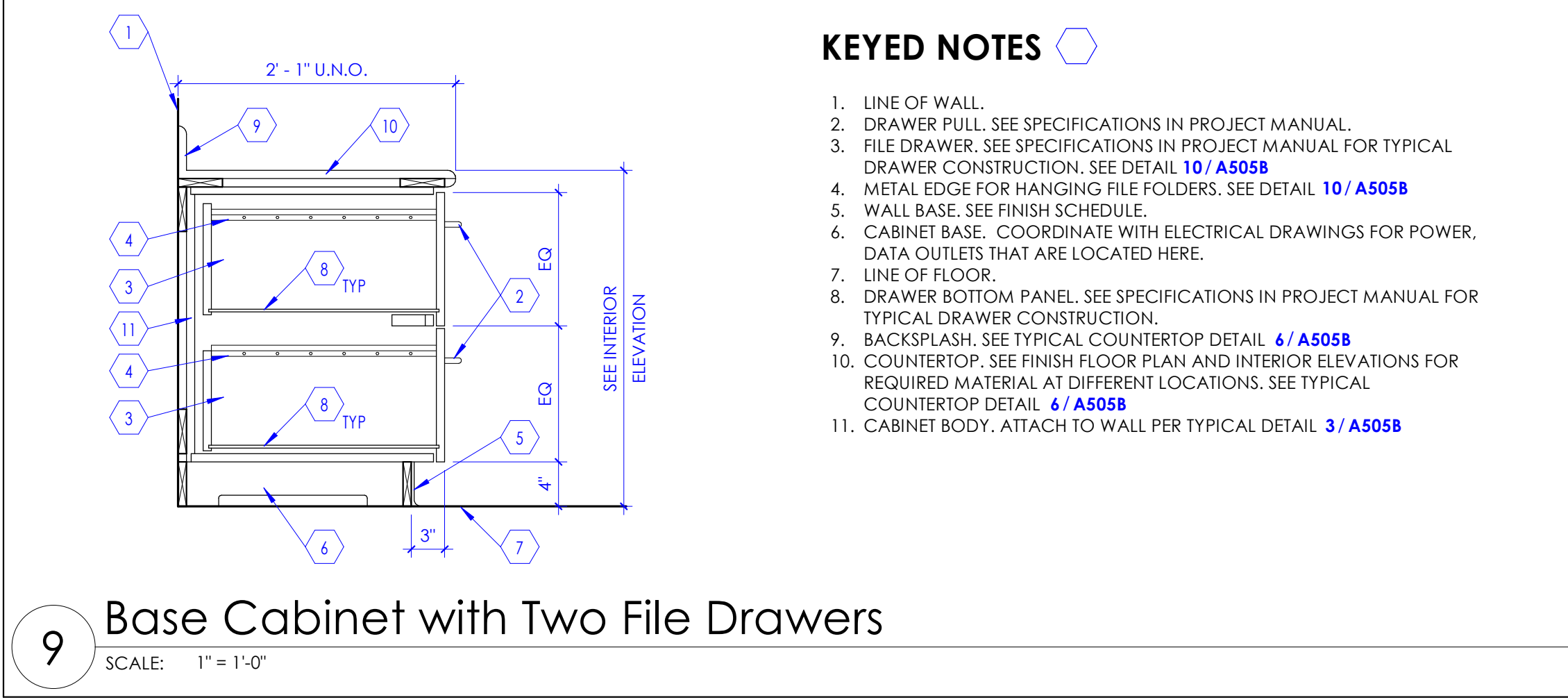
6 Base Cabinet with Drawer and Door
SCALE: 1" = 1'-0"



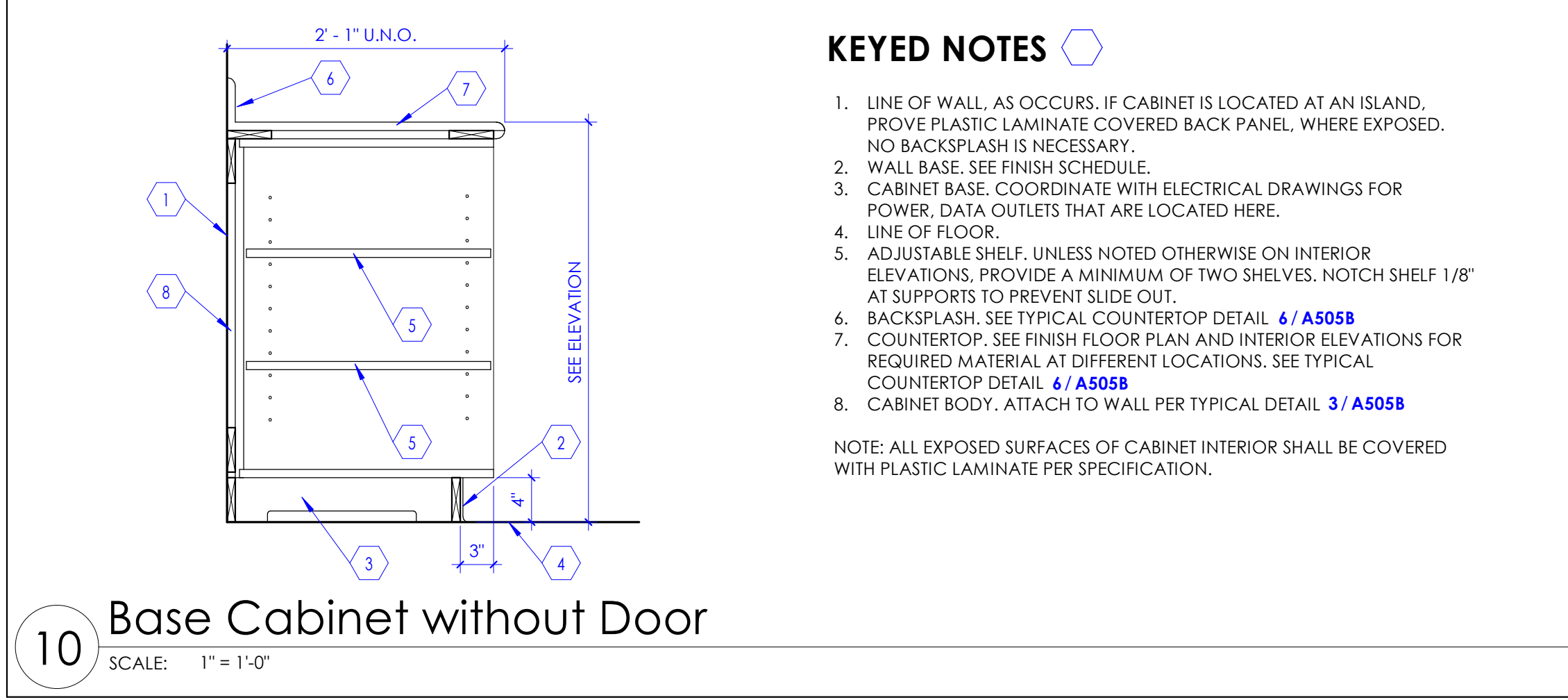
7 Base Cabinet with Drawers
SCALE: 1" = 1'-0"



8 Base Cabinet with Drawers
SCALE: 1" = 1'-0"



9 Base Cabinet with Two File Drawers
SCALE: 1" = 1'-0"



10 Base Cabinet without Door
SCALE: 1" = 1'-0"

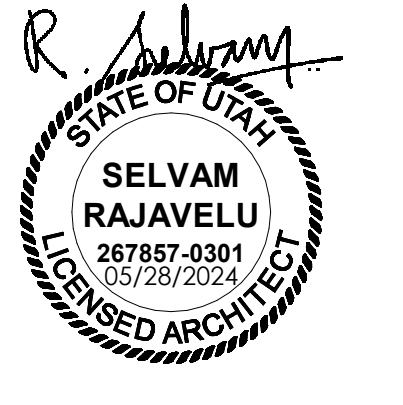
Intermountain Health
McKay Dee Hospital
Pulmonary Clinic Remodel

4401 Harrison Blvd
Ogden, Utah 84403

NJRA Project # 23354.00
Construction Documents May 28, 2024

Cabinet
Legend &
Details

A505A



KEYED NOTES

- END PANEL AT BOTH ENDS TO BE CONTINUOUS WITHOUT BREAK/REVEAL BETWEEN SLANTED FASCIA (DUST TOP) AND WALL OR FULL HEIGHT CABINET.
- SLANTED FASCIA (DUST TOP), TYPICAL MITERED AT CORNER.

1 Slanted Fascia (Dust Top) Miter Detail at Corner Cabinets
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- BRACE PANEL. PROVIDE BRACE AS REQUIRED TO SUPPORT THE VERTICAL FASCIA PANEL. LOCATE BRACE AT 3'-0" O.C.
- SLANTED FASCIA PANEL. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
- WALL CABINET AS OCCURS.
- VERTICAL FASCIA. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.

NOTE: FOR SLANTED FASCIA CORNER CONDITION, SEE DETAIL 1 / A505B. SEE INTERIOR ELEVATIONS FOR VERTICAL AND SLANTED FASCIA LOCATIONS.

2 Wall Cabinet Fascia
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- FASTENERS AS REQUIRED. ALIGN WITH STUDS WHERE POSSIBLE.
- STEEL BACKING PLATE. PLATE SHALL BE 1/4 GAUGE, 6" WIDE WITH REQUIRED LENGTH TO COVER CABINETS.
- SOLID WOOD BLOCKING, TYPICALLY ATTACHED TO CABINET BODY.
- COUNTERTOP AND BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- CABINET BASE BOX. BOX SHALL BE BUILT WITH PLYWOOD, 3/4" THICK, PRESSURE TREATED. BASE BOX SHALL BE ANCHORED TO FLOOR WITH STEEL "L" CLIPS AND FASTENERS AS REQUIRED. BASE CABINET SHALL BE ATTACHED TO THE BASE BOX.
- LINE OF FLOOR.
- NEW WALL (OR EXISTING WALL WHERE OCCURS). SEE WALL TYPE FOR WALL CONSTRUCTION.

NOTE: WHEN CABINETS ARE MOUNTED TO CONCRETE WALL OR MASONRY (CMU BLOCKS) WALL, BACKING PLATES ARE NOT REQUIRED. PROVIDE COMPATIBLE MASONRY WALL ANCHORS AND FASTENERS TO ATTACH THE CABINETS.

3 Typical Cabinet Body Attachment to Walls
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF FLOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- LINE OF MASONRY OR CONCRETE WALL AS OCCURS.
- COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGE (BELOW COUNTERTOP EDGE) AND GRIND ALL EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO MASONRY OR CONCRETE WALL WITH 3/8" EPOXY BOLTS, AS SHOWN. SUPPORTS SHALL BE LOCATED VERTICALLY ON WALL AT 4'-0" O.C. MAXIMUM.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.

4 Steel Support For Countertop at Masonry & Concrete Walls
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF FLOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- WALL. SEE FLOOR PLAN & WALL TYPES.
- COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO METAL STUDS INSIDE WALL WITH 1/4" BOLTS, AS SHOWN. AT FLOOR, PROVIDE 3" WIDE X 6" LONG X 1/4" THICK, BASE STEEL PLATE WELDED TO VERTICAL STEEL ANGLE. ATTACH BASE PLATE TO FLOOR WITH TWO 1/2" DIAMETER ANCHOR BOLTS (ON EITHER SIDE OF THE VERTICAL ANGLE) WITH 3" MINIMUM EMBED IN CONCRETE FLOOR. CONTRACTOR SHALL REVIEW INTERIOR ELEVATIONS AND LOCATE SUPPORTS DURING WALL CONSTRUCTION. SUPPORT SPACING SHALL NOT EXCEED 4'-0" O.C. MAXIMUM.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.

5 Steel Support for Countertop at Stud Wall
SCALE: 1" = 1'-0"

KEYED NOTES

- COUNTERTOP. PLASTIC LAMINATE WRAPPED OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE FULL ROUND EDGE AS INDICATED. WHERE PLASTIC LAMINATE COUNTERTOP IS CALLED OUT AT SINK LOCATIONS, USE EXTERIOR GRADE MARINE PLYWOOD WITH AN IMPERVIOUS SEAL. SEE DETAIL 9 / A505B.
- BACKSPLASH. INTEGRAL. PLASTIC LAMINATE SHALL RUN CONTINUOUSLY FROM COUNTERTOP TO BACKSPLASH. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AS INDICATED.
- PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL PLASTIC LAMINATE COUNTERTOPS, TYPICAL.
- BASE CABINET DOOR AS OCCURS.
- EXPOSED END OF THE COUNTERTOP SHALL BE WRAPPED WITH PLASTIC LAMINATE, UNLESS NOTED OTHERWISE. WHERE INDICATED IN FINISH FLOOR PLANS AND/OR INTERIOR ELEVATIONS, PROVIDE SOLID SURFACE END CAP AS PER DETAIL "E".
- SIDESPLASH. PLASTIC LAMINATE OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- COUNTERTOP. MONOLITHIC MATERIAL. ATTACH COUNTERTOP TO BASE CABINET AND/OR STEEL SUPPORTS WHERE OCCURS.
- PROVIDE 1/8" RADIUS AT ALL EXPOSED EDGE MATERIAL.
- BACKSPLASH. MONOLITHIC MATERIAL. ATTACH BACKSPLASH TO COUNTERTOP TO PERFORM AS INTEGRAL BACKSPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL.
- SIDESPLASH. MONOLITHIC MATERIAL. ATTACH SIDESPLASH TO WALL. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP, UNLESS NOTED OTHERWISE. SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- BASE CABINET AS OCCURS. SEE INTERIOR ELEVATIONS. AT KNEE SPACE LOCATIONS AND WHERE THERE ARE NO BASE CABINETS TO SUPPORT THE COUNTERTOP, PROVIDE STEEL SUPPORTS PER DETAILS 4 / A505B AND 5 / A505B.
- END CAP. SOLID SURFACE MATERIAL ATTACHED TO COUNTERTOP. PROVIDE MATCHING BULL NOSE EDGE AT FRONT AND 1/8" RADIUS EDGE AS INDICATED.
- LINE OF WALL.

6 Typical Countertop Detail
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED, NO BACKSPLASH IS NECESSARY.
- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- SEAL TIGHTLY AROUND PIPE PENETRATIONS WITH CAULKING. PROVIDE STAINLESS STEEL ESCUTCHEON PLATE AROUND DRAIN AND WATER LINES.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 9 / A505B.
- SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION. SEE DETAIL 4 / A505B.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B.

7 Sink with Base Cabinet
SCALE: 1" = 1'-0"

KEYED NOTES

- STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION.
- INTEGRAL MONOLITHIC MATERIAL SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- BASE CABINET OR FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATIONS.
- LINE OF WALL.
- SEAL EXPOSED CUT EDGE OF COUNTERTOP WITH SEALER TO PREVENT WATER DAMAGE.
- PROVIDE SMOOTH AND SEAMLESS TRANSITION WHERE SINK IS ATTACHED TO COUNTERTOP. UNLESS NOTED OTHERWISE, SINK COLOR SHALL MATCH COUNTERTOP COLOR. VERIFY WITH ARCHITECT FOR SINK COLOR IF A MATCHING PREFORMED SINK IS NOT AVAILABLE.

8 Typical Sink Detail
SCALE: 1" = 1'-0"

KEYED NOTES

- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- FILE DRAWER BODY.
- ALUMINUM STRIP (2" WIDE X 1/8" THICK) ATTACHED TO DRAWER BODY WITH FASTENERS AT 4" O.C. AS REQUIRED.
- FILE FOLDER. OWNER FURNISHED OWNER INSTALLED ITEM.
- DRAWER SLIDE.

9 File Drawer Section
SCALE: 3" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- KNEE AND TOE CLEARANCE REQUIRED FOR ADA.
- SKIRT PANEL. PLASTIC LAMINATE REMOVABLE ACCESS PANEL WITH 2" ALUMINUM Z-CLIPS MOUNTED ON BACK SIDE OF PANEL (TOTAL 4 CLIPS - TWO ON EACH SIDE OF PANEL).
- PLASTIC LAMINATE SUPPORT PANEL. 2" X 2" X 1/4" THICK X CONT. ANCHORED TO CABINET. THIS PANEL TO BE ON EACH END OF CABINET TO SUPPORT ACCESS PANEL. INSTALL TWO ALUMINUM Z-CLIPS ON EACH SIDE OF CABINET TO SUPPORT ACCESS PANEL. OPENING ABOVE PANEL TO BE KEPT AT MINIMUM JUST ENOUGH TO REMOVE ACCESS PANEL.
- WALL BASE. SEE FINISH SCHEDULE.
- LINE OF FLOOR.
- SEAL TIGHTLY AROUND PIPE PENETRATIONS WITH CAULKING. PROVIDE STAINLESS STEEL ESCUTCHEON AROUND DRAIN AND WATER LINES.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- SINK. SEE PLUMBING DRAWINGS. SINK SHALL PROVIDE ADA COMPLIANT BOWL DEPTH. SEE DETAIL 9 / A505B.
- PLASTIC LAMINATE FASCIA PANEL.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B.

NOTE: PROVIDE STEEL SUPPORT WITHIN ASSEMBLY WHERE COUNTER IS UNSUPPORTED, TYP.

10 Sink without Base Cabinet
SCALE: 1" = 1'-0"

KEYED NOTES

- NEW SOLID SURFACE TRANSACTION COUNTERTOP WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. ANCHOR TO WALL BELOW.
- 3/4" THICK, CONTINUOUS PLYWOOD.
- NEW 5/8" THICK, TYPE "X" GYP. BD. PAINT WALL.
- NEW 4" X 16 GA METAL STUDS AT 16" O.C.

11 Transaction Counter Detail
SCALE: 3" = 1'-0"

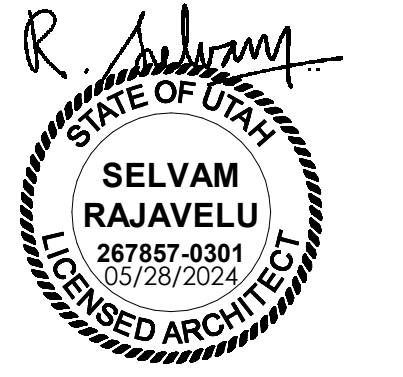
KEYED NOTES

- LINE OF WALL.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- BRACE PANEL. PROVIDE BRACE AS REQUIRED TO SUPPORT THE VERTICAL FASCIA PANEL. LOCATE BRACE AT 3'-0" O.C.
- SLANTED FASCIA PANEL. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
- WALL CABINET AS OCCURS.
- VERTICAL FASCIA. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.

NOTE: FOR SLANTED FASCIA CORNER CONDITION, SEE DETAIL 1 / A505B. SEE INTERIOR ELEVATIONS FOR VERTICAL AND SLANTED FASCIA LOCATIONS.

12 Typical Cabinet Body Attachment to Walls
SCALE: 1" = 1'-0"

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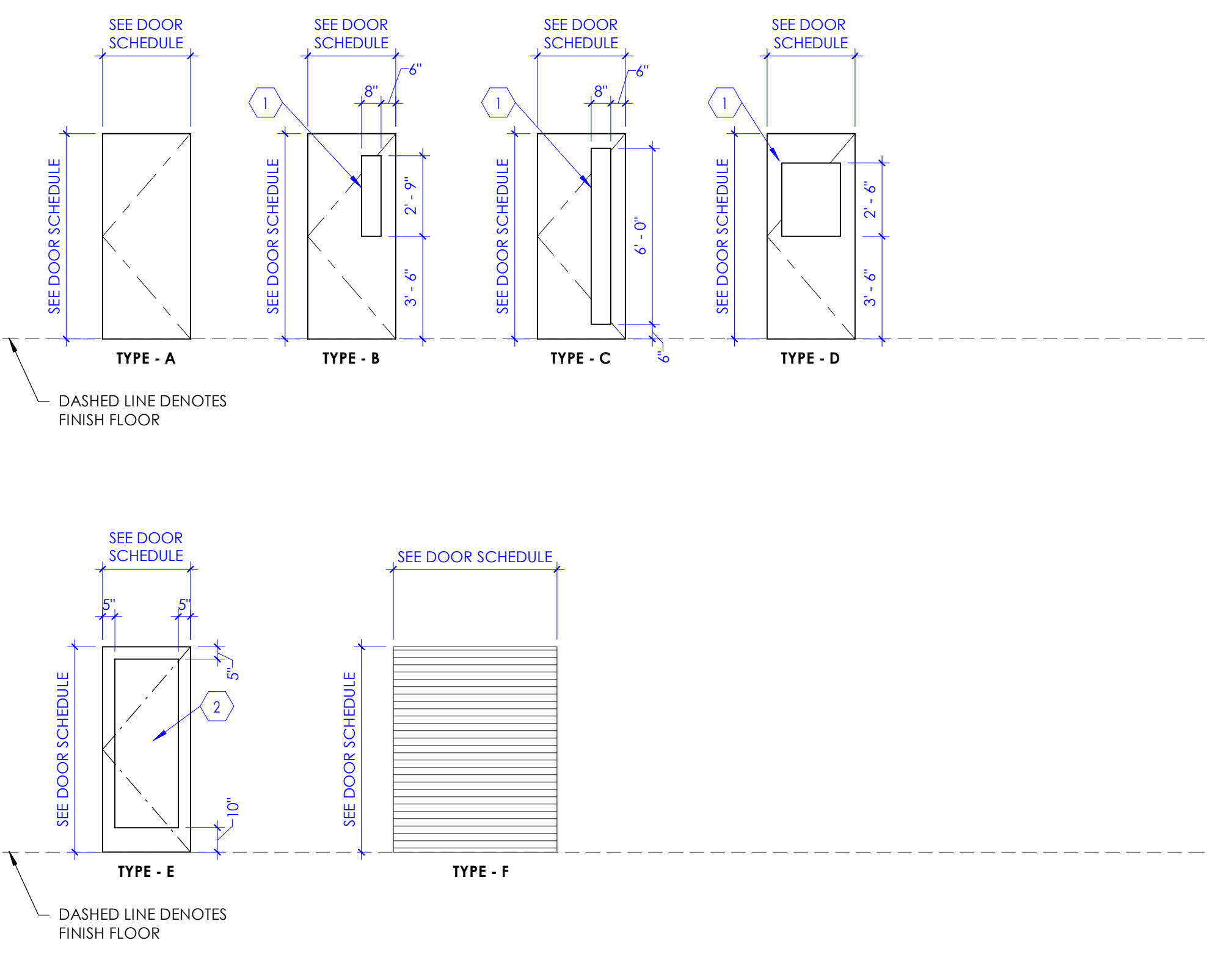


DOOR SCHEDULE

DOOR #	# OF PANELS	DOOR						FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD				
A402	1	3'-0"		7'-0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A		A402		1	
A404	1	3'-0"		7'-0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A		A404		1	
A405	1	3'-0"		7'-0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A		A405		1	

KEYED NOTES

- VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING. FOR WOOD DOOR, PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED.
- FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK.
- STAINLESS STEEL WELDED WIRE MESH (15 GAUGE) ATTACHED TO DOOR, PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH IN PLACE.
- METAL LOUVER IN DOOR FOR VENTILATION.



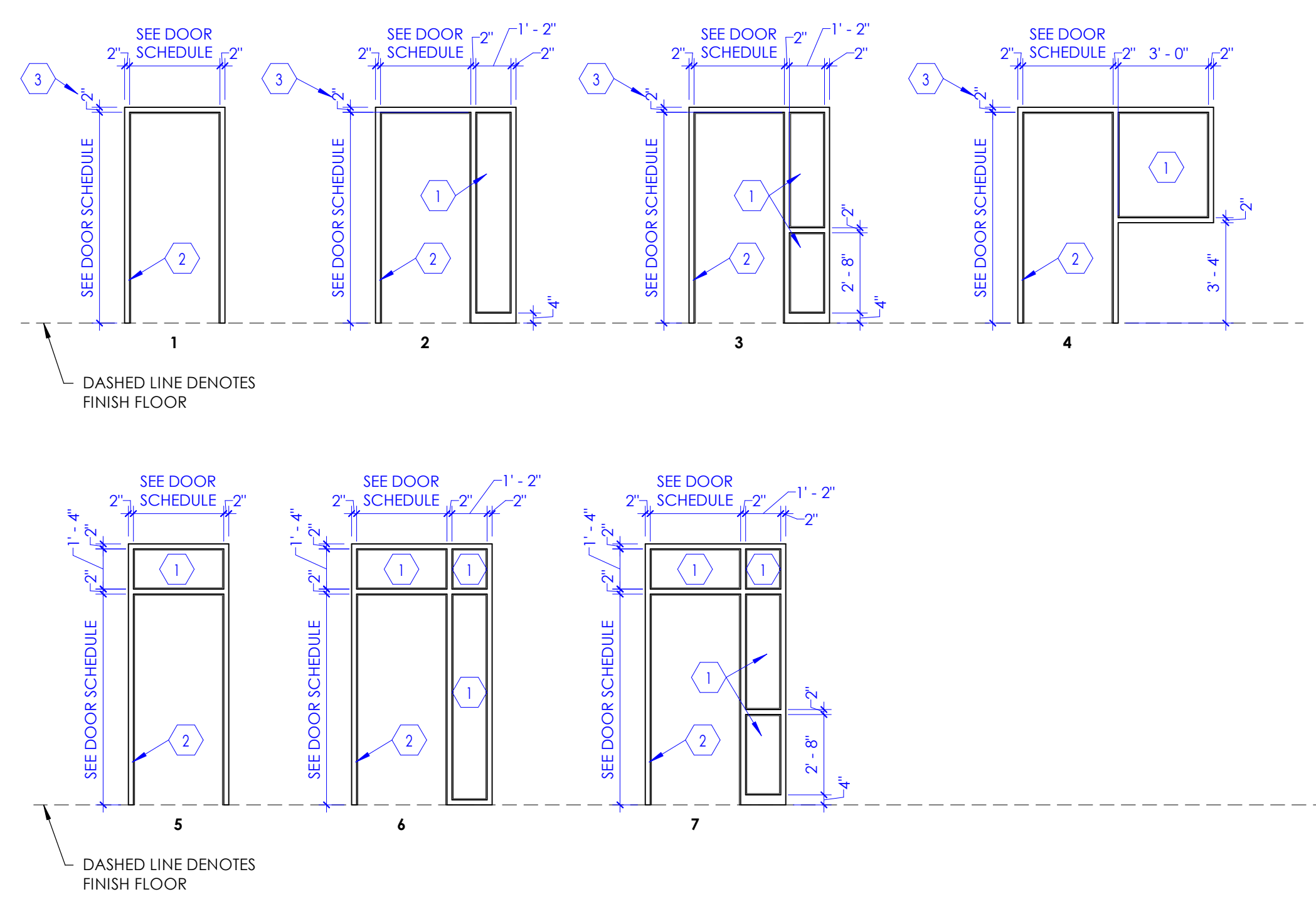
1 Door Types

NOTE: REFER TO "DOOR SCHEDULE" TABLE FOR DOOR TYPES REQUIRED FOR THIS PROJECT. SOME DOOR TYPE ELEVATIONS INDICATED ABOVE, MAY NOT BE APPLICABLE TO THIS PROJECT.

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

KEYED NOTES

- GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
- DOOR FRAME, SEE DOOR SCHEDULE.
- WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7'-0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.



2 Frame Types

NOTE: REFER TO "DOOR SCHEDULE" FOR FRAME TYPES REQUIRED FOR THIS PROJECT. SOME FRAME TYPE ELEVATIONS INDICATED ABOVE MAY NOT BE APPLICABLE TO THIS PROJECT.

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

COMMENTS

- INFORMATION FOR THE FIRST COMMENT
- INFORMATION FOR THE SECOND COMMENT
- INFORMATION FOR THE THIRD COMMENT
- INFORMATION FOR THE FORTH COMMENT

Intermountain Health
McKay Dee Hospital
Pulmonary Clinic Remodel

4401 Harrison Blvd
Ogden, Utah 84403

NJRA Project # 23354.00
Construction Documents May 28, 2024

Door
Schedule

A601A

FINISH SCHEDULE

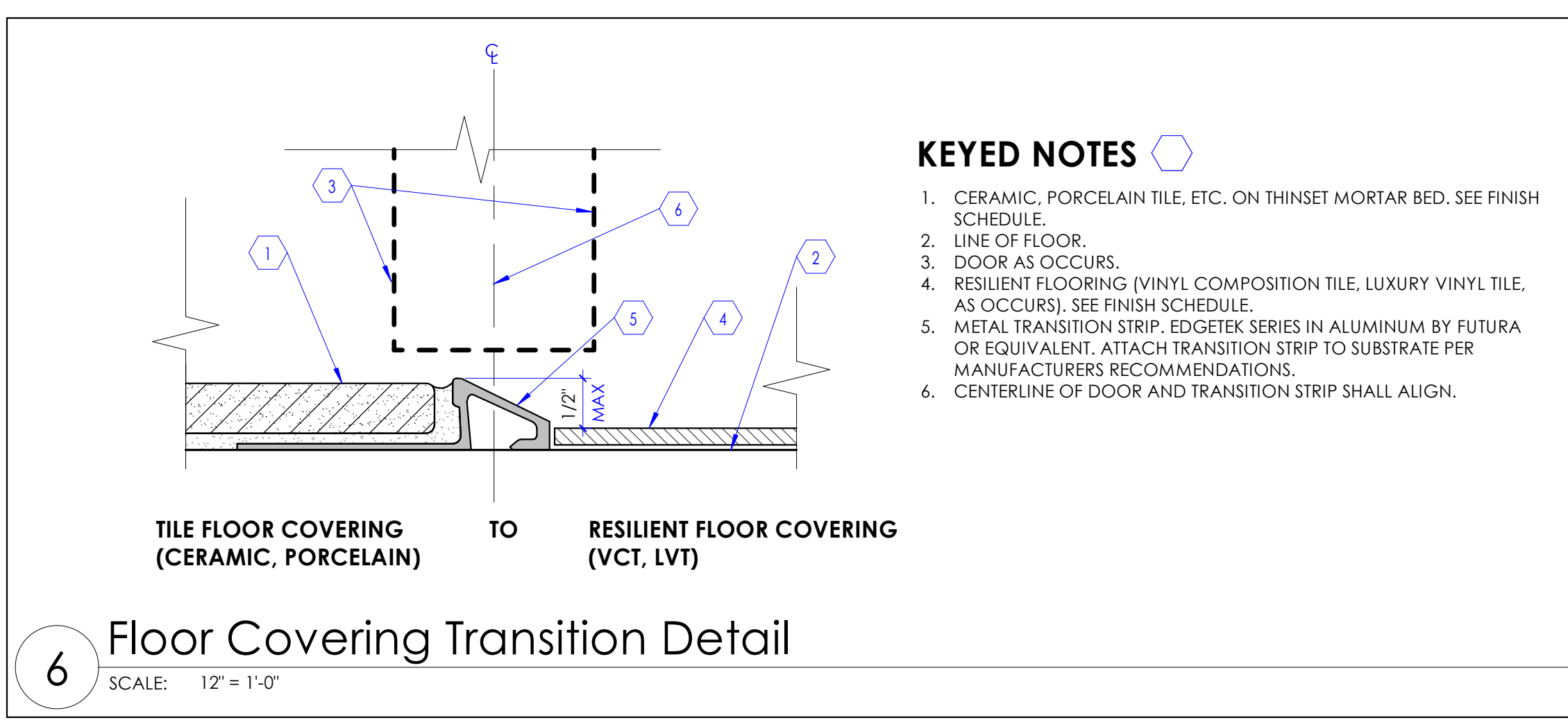
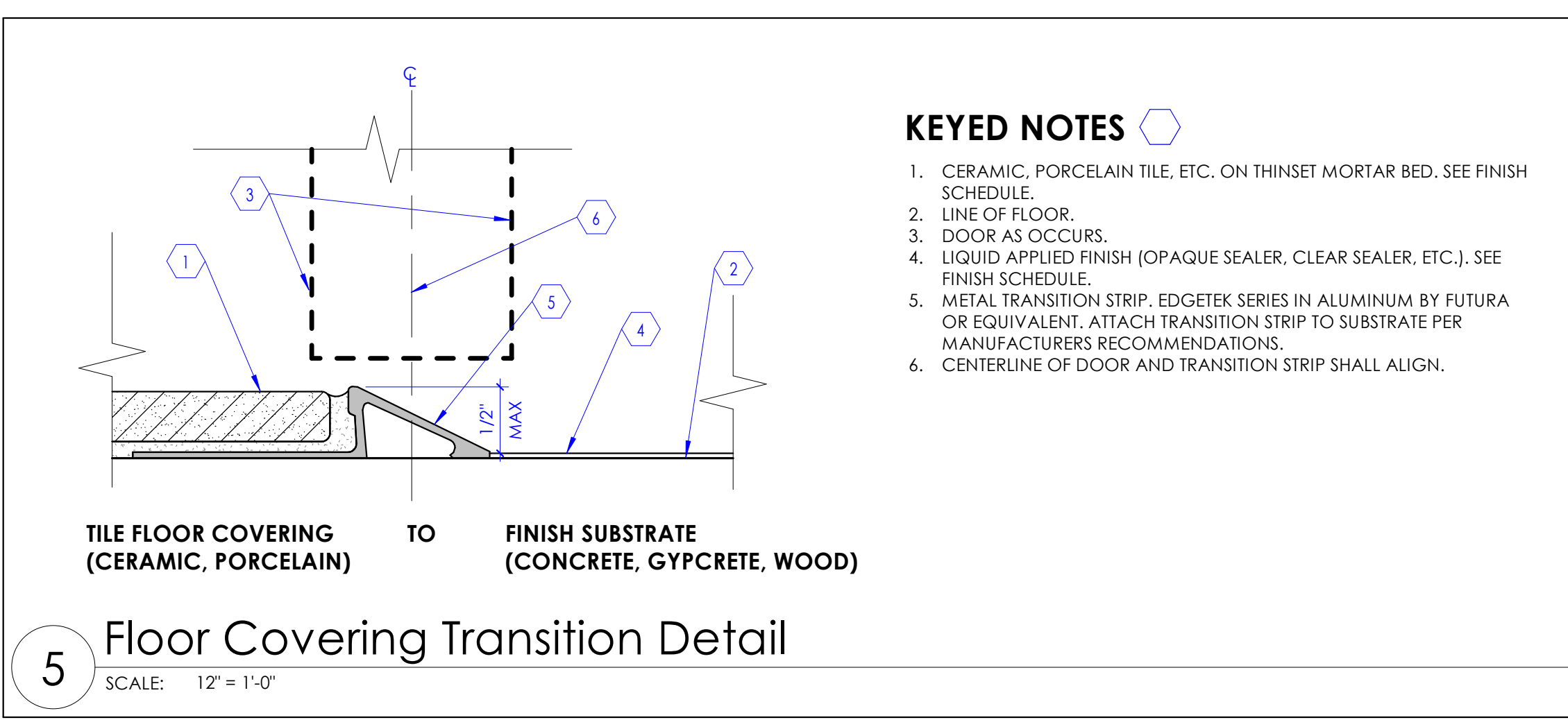
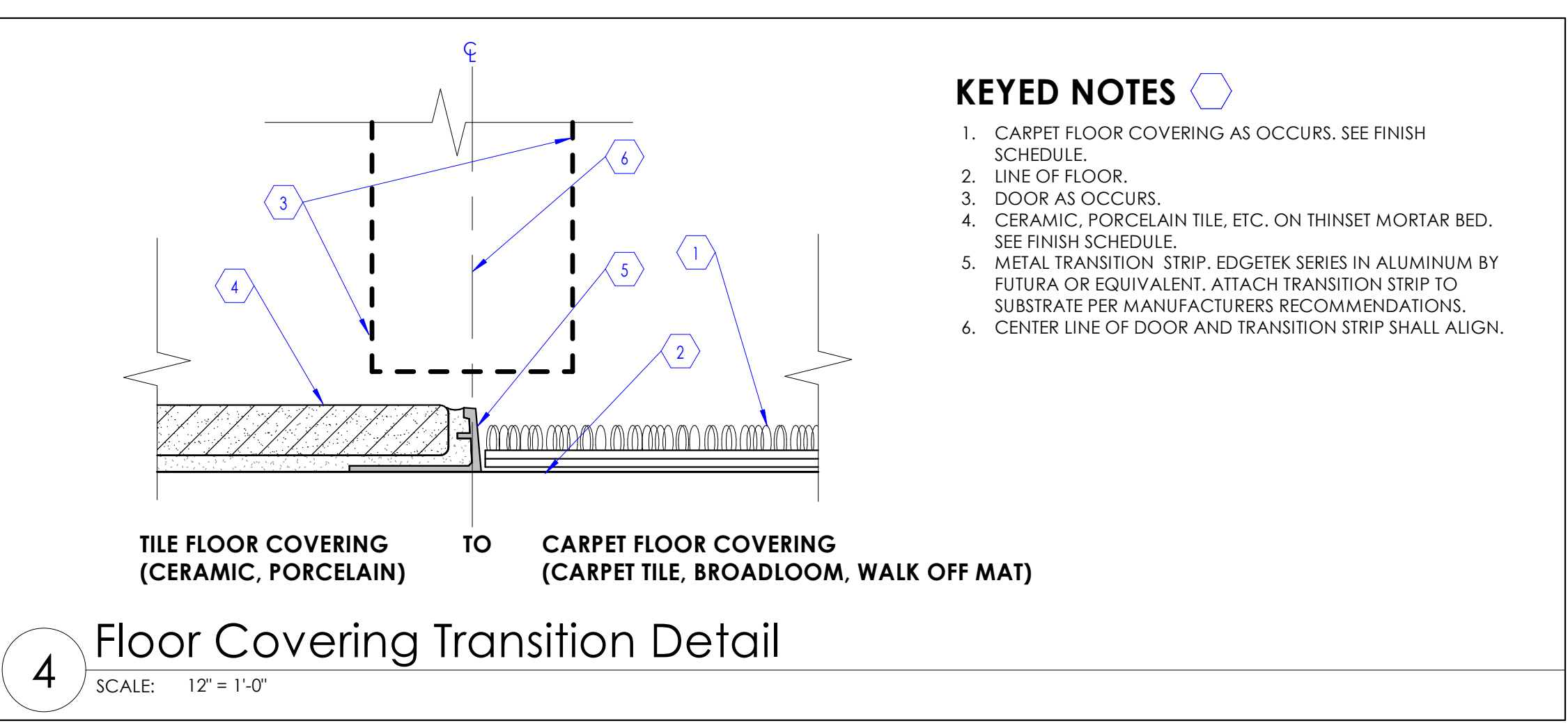
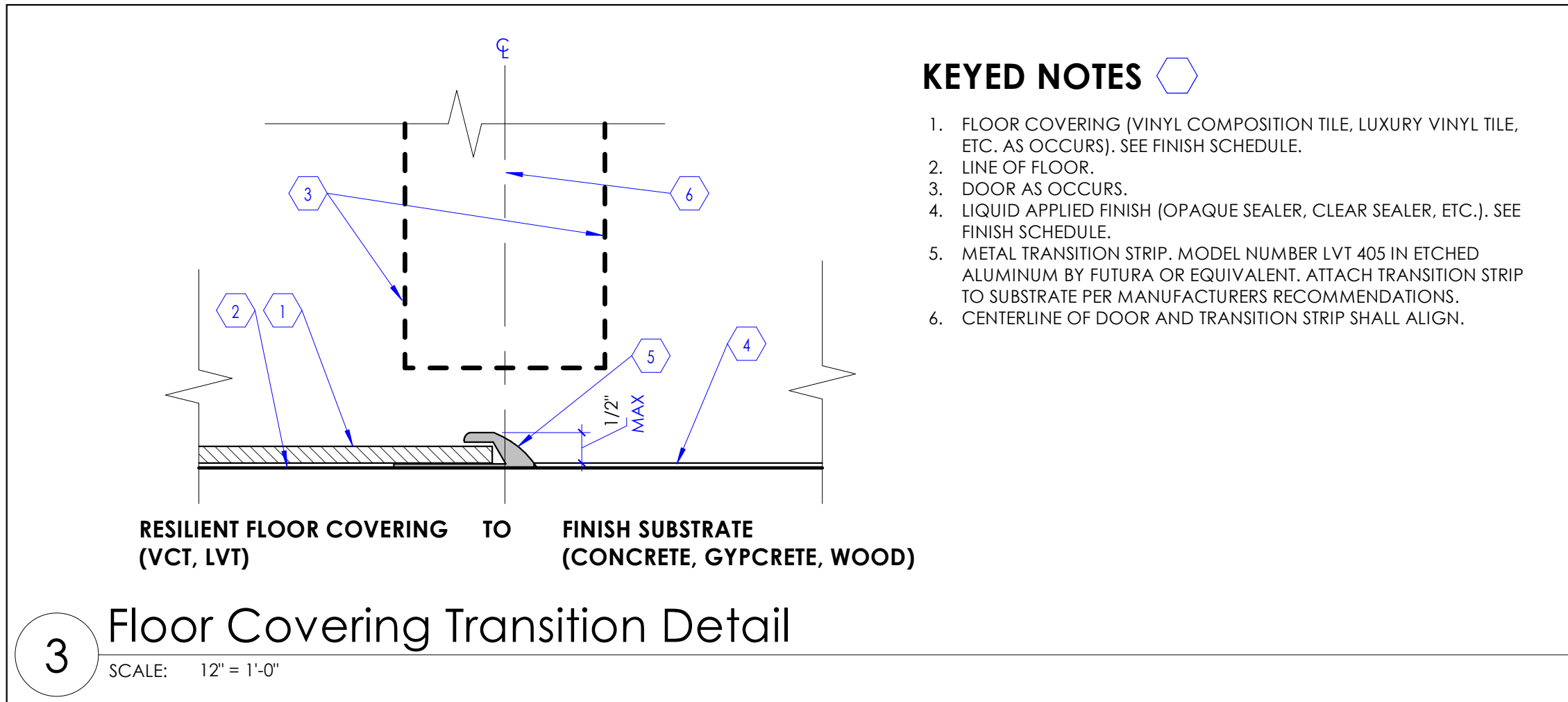
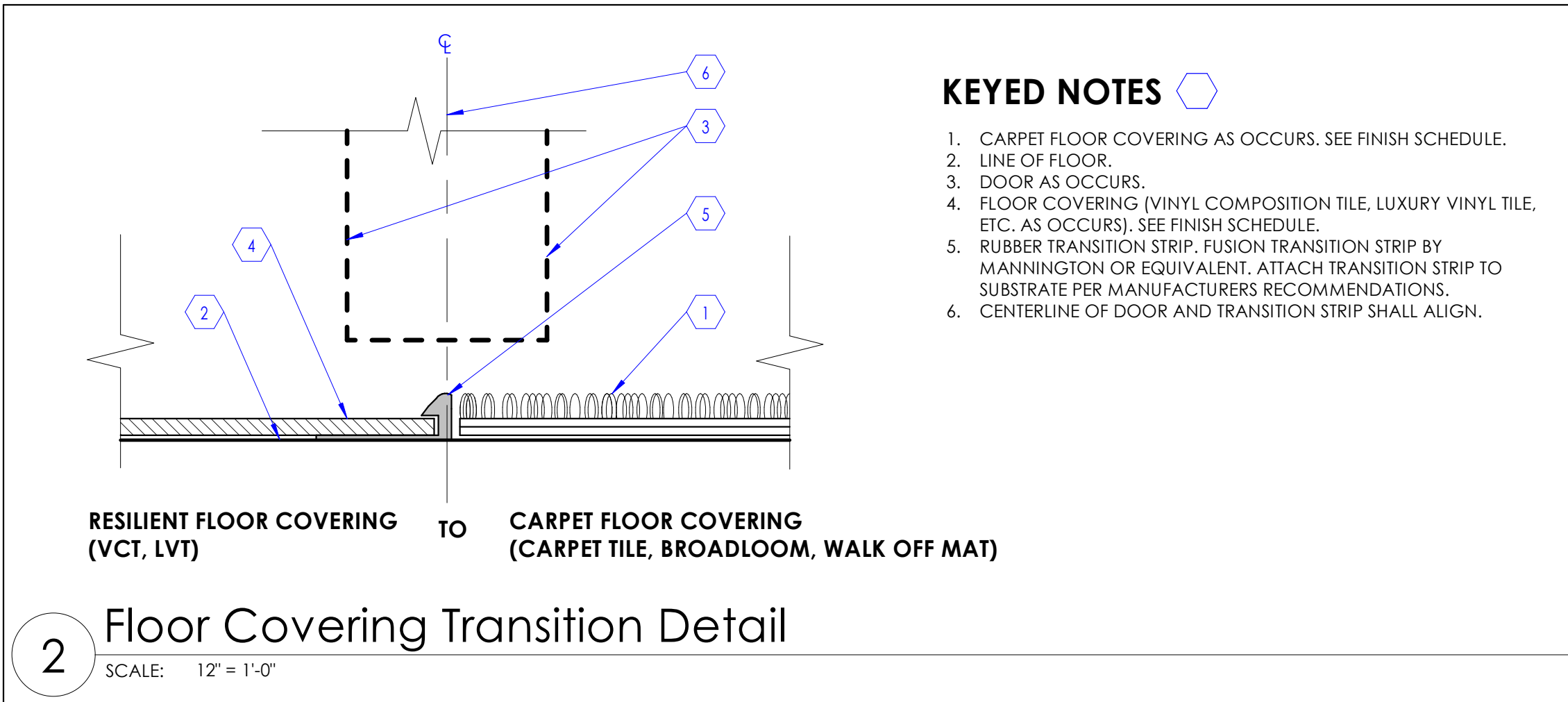
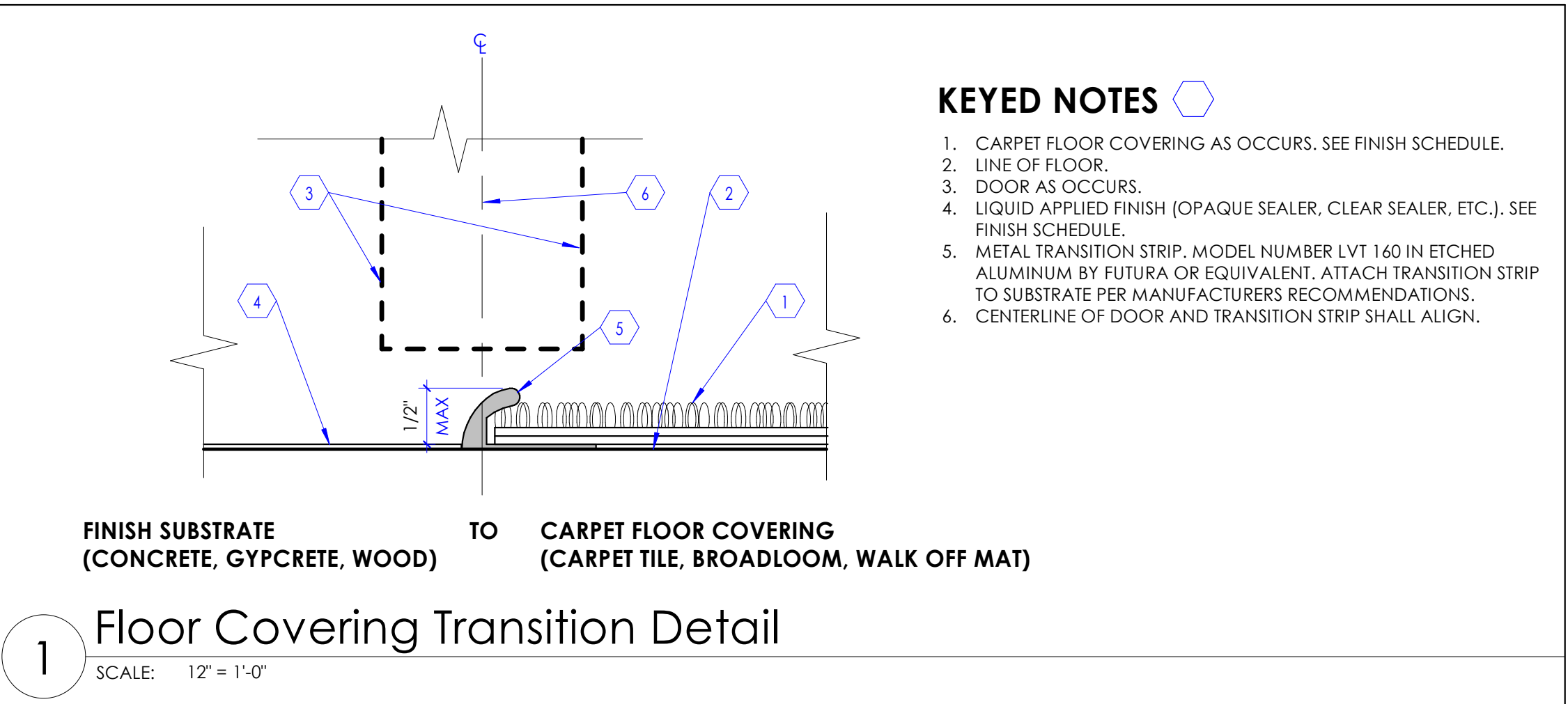
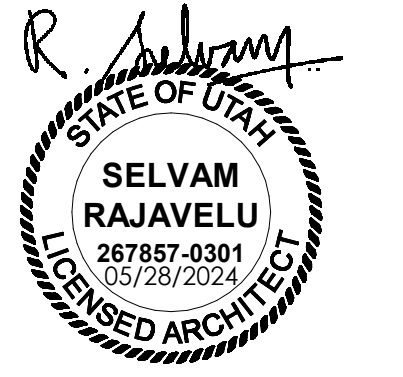
TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH		SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15519	HAYSTACK	-
F2	FLOOR FINISH	18" X 36"	CARPET TILE	SHAW CONTRACT	HAND DRAWN, STIPPLE TILE	5T116 - 13585	SLATE	1
F3	FLOOR FINISH	12" X 24"	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NO RESERVATIONS EXPRESS	NR302	VAST	2
F4	FLOOR FINISH		CARPET TILE - MATCH EXISTING	-	-	-	-	-
B1	WALL BASE	4" HIGH	RUBBER BASE	MANNINGTON COMMERCIAL	BURKEBASE TYPE TP	504	PECAN	-
B2	WALL BASE	4" HIGH	CARPET BASE	SHAW CONTRACT	HAND DRAWN, ERASE	5A214 - 13585	SLATE	3
B3	WALL BASE	4" HIGH	CARPET BASE - MATCH EXISTING	-	-	-	-	3
W1	WALL FINISH		PAINT	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 7043	WORLDLY GRAY	-
W2	WALL FINISH		PAINT - ACCENT COLOR	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6158	SAWDUST	-
W3	WALL FINISH		PAINT - MATCH EXISTING	SHERWIN WILLIAMS	EGGSHELL FINISH	-	-	-
C1	CEILING FINISH		ACOUSTICAL CEILING TILES AND GRID	ARMSTRONG CEILING	ULTIMA HEALTH ZONE	1935	WHITE	6
MS1	MISC. SURFACE FINISH		PAINTED HOLLOW METAL DOOR FRAMES - MATCH EXISTING	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	-	-	-
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	LAMINART	VELVA TEX FINISH	3056-VT	MYSTIC WOOD	-
PL2	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE - MATCH EXISTING	-	-	-	-	-
MM1	MONOLITHIC MATERIAL		SOLID SURFACE	CORIAN SOLID SURFACE	-	-	WHITE JASMINE	-
MM2	MONOLITHIC MATERIAL		SOLID SURFACE INTEGRAL SINK	CORIAN SOLID SURFACE	NEAT COLLECTION	804P	GLACIER WHITE	-
WP1	WALL PROTECTION	2" LEGS	ACROVYN CORNER GUARDS	CONSTRUCTION SPECIALTIES	SSM-20AN	262	DRIFTWOOD	4
WP2	WALL PROTECTION	0.06" THICK	WAINSCOT	CONSTRUCTION SPECIALTIES	ACROVYN	262	DRIFTWOOD	5

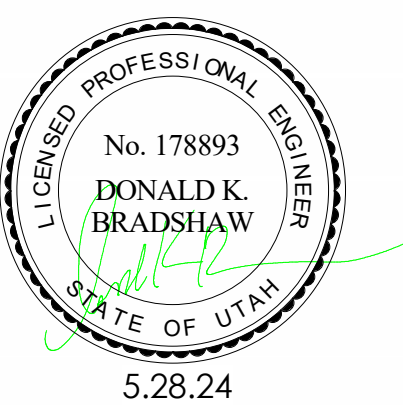
COMMENTS

- CARPET TILES TO BE INSTALLED IN AN ASHLAR PATTERN.
- LVT TO BE INSTALLED IN AN ASHLAR PATTERN.
- TOP EDGE OF CARPET COVE TO BE BOUND WITH FABRIC IN A COORDINATING COLOR.
- CORNER GUARDS TO SPAN FROM TOP OF WALL BASE TO 4'-0" A.F.F.
- WAINSCOT WALL PROTECTION TO SPAN FROM TOP OF WALL BASE TO 4'-0" A.F.F. TOP OF WAINSCOT TO ALIGN WITH TOP OF CORNER GUARDS WHERE APPLICABLE.
- SEE RCP FOR CEILING TILE ORIENTATION AND GRID LAYOUT.

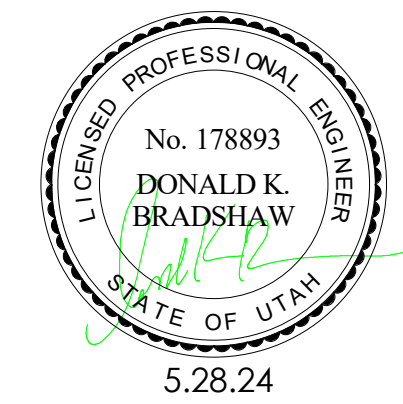
GENERAL NOTES

- BASIS OF DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.
- SEE "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.).
- LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT FLOOR COVERINGS ABUT EACH OTHER, CONTRACTOR SHALL FOLLOW THE RELEVANT APPLICABLE "FLOOR COVERING TRANSITION DETAILS" INDICATED IN THIS CONSTRUCTION DOCUMENTS. WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS). AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.
- LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.) ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.
- THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS MS1, MS2, ETC.
- PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. IF NATURAL FINISH IS REQUIRED, PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH ON DOOR FRAMES.
- IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHERE INDICATED.
- SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.
- WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.
- IN ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE CERAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, INSTALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B. PROVIDE QUARTZ THRESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS. SEE DETAILS 3 & 4 SHEET A603B.
- WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.





GENERAL MECHANICAL SYMBOLS		HVAC SYMBOLS		PIPING SYMBOLS	
	REVISION NUMBER - SHOWN ON PLANS		SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)		CHWR CHILLED WATER RETURN
	POINT WHERE NEW CONNECTS TO EXISTING		OVAL DUCT SIZE TAG (WIDTH / HEIGHT)		CHWS CHILLED WATER SUPPLY
	POINT WHERE EXISTING IS TO BE DEMOLISHED		ROUND DUCT SIZE TAG (DIAMETER)		CD CONDENSATE DRAINAGE
	NUMBER OF DETAIL ON SHEET		EXISTING TAG		CWR CONDENSER WATER RETURN
	NUMBER OF SHEET WHERE DETAIL APPEARS		DUCT BEING DEMOLISHED		CWS CONDENSER WATER SUPPLY
	KEYNOTE		SUPPLY AIR - LOW PRESSURE		GWR GEOTHERMAL WATER RETURN
	CONTINUATION SYMBOL		SUPPLY AIR - MEDIUM PRESSURE		GWS GEOTHERMAL WATER SUPPLY
	ROOM NAME AND NUMBER		CONDITIONED OUTSIDE AIR		HWR HEATING WATER RETURN
	ITEM TO BE DEMOLISHED		OUTSIDE AIR		HWS HEATING WATER SUPPLY
	AREA NOT IN CONTRACT		RETURN AIR		NG NATURAL GAS
	PIPE SIZE TAG (DIAMETER)		TRANSFER AIR		PG PROPANE GAS
	ABOVE GROUND PIPING		EXHAUST AIR		REF-L REFRIGERANT LIQUID
	PIPE SLOPE TAG		RELIEF AIR		REF-S REFRIGERANT SUCTION
	BELOW GROUND PIPING		GREASE EXHAUST AIR		REF-HG REFRIGERANT-HOT GAS
	PIPE INVERT ELEVATION TAG		SMOKE EXHAUST AIR		STM STEAM
	EXISTING PIPE TAG		EXHAUST GAS FLUE		CDR CONDENSATE RETURN
	PIPING BEING DEMOLISHED		COMBUSTION AIR		CWV COMBINATION WASTE & VENT
ABBREVIATIONS			RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE		CA COMPRESSED AIR
ABV ABOVE	LVR LOUVER		ROUND SUPPLY/OUTSIDE AIR DUCT RISE		DCW DOMESTIC COLD WATER
AC AIR CONDITIONING	LWT LEAVING WATER TEMPERATURE		RECTANGULAR RETURN/TRANSFER AIR DUCT RISE		S-CW SOFT COLD WATER
AD AREA DRAIN	MA MIXED AIR		ROUND RETURN/TRANSFER AIR DUCT RISE		F-CW FILTERED COLD WATER
ADD ADDENDUM	MAX MAXIMUM		RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE		NPCW NON-POTABLE COLD WATER
AFF ABOVE FINISHED FLOOR	MBH ONE THOUSAND BTU PER HOUR		ROUND EXHAUST/RELIEF AIR DUCT RISE		RO REVERSE OSMOSIS WATER
AFUE ANNUAL FUEL UTILIZATION EFFICIENCY	MCF ONE THOUSAND CUBIC FEET	GRILLES, REGISTERS & DIFFUSERS SYMBOLS AND TAGS			DHW HOT WATER
ALT ALTERNATE	MD MOTORIZED DAMPER		CEILING SQUARE SUPPLY DIFFUSER		DHW 140° HOT WATER 140°
AP ACCESS PANEL	MFR MANUFACTURER		RECTANGULAR SUPPLY DIFFUSER		DHW-R HOT WATER RECIRCULATION
ARCH ARCHITECT/ARCHITECTURAL	MIN MINIMUM		ROUND SUPPLY DIFFUSER		DHW-R 140° HOT WATER RECIRCULATION 140°
BFF BELOW FINISHED FLOOR	MISC MISCELLANEOUS		SQUARE RETURN GRILLE		NPHW NON-POTABLE HOT WATER
BLW BELOW	MTR MOTOR		RECTANGULAR RETURN GRILLE		GV GREASE VENT
BTU BRITISH THERMAL UNITS	MUA MAKE-UP AIR		SQUARE EXHAUST GRILLE		GW GREASE WASTE
BTUH BRITISH THERMAL UNITS PER HOUR	NC NOISE CRITERIA		RECTANGULAR EXHAUST GRILLE		IW INDIRECT WASTE
CAP CAPACITY	NC NORMALLY CLOSED		LINEAR SLOT DIFFUSER		OV OIL VENT
CB CATCH BASIN	NO NOT IN CONTRACT		MECHANICAL EQUIPMENT TAGS		OW OIL WASTE
CFM CUBIC FEET PER MINUTE	NO NOT TO SCALE		DATA DEVICE TAGS		PD PUMP DISCHARGE
CLG CEILING	NTS NOT TO SCALE		DRAIN TAGS		SS SANITARY SEWER
CO CLEAN OUT	O OVEN		PLUMBING FIXTURE TAGS		SV SANITARY VENT
D DEGREE	OIA OUTSIDE AIR		*NOTE*		SHWR SOLAR HOT WATER RETURN
DB DRY BULB	PD PRESSURE DROP	THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.			
DCW DOMESTIC COLD WATER	PV POST INDICATOR VALVE				
DHW DOMESTIC HOT WATER	PLBG PLUMBING				
DIA DIAMETER	PRESS PRESSURE				
DN DOWN	PRV PRESSURE REDUCING VALVE				
DW DISTILLED WATER	PSI POUNDS PER SQUARE INCH				
EA EACH	PSIG POUNDS PER SQUARE INCH GAUGE				
EAT ENTERING AIR TEMPERATURE	PWR POWER				
ELEC ELECTRICAL	R RADIANT				
EQUIP EQUIPMENT	RCP RADIANT CEILING PANEL				
EWC ELECTRIC WATER COOLER	RD ROOF DRAIN				
EWV ENTERING WATER TEMPERATURE	RDO ROOF DRAIN OVERFLOW				
EXA EXHAUST AIR	REC RECESSED				
EXIST EXISTING	RED REDUCER				
F DEGREES FAHRENHEIT	RH RELATIVE HUMIDITY				
FCO FLOOR CLEAN OUT	RLA RELIEF AIR				
FD FLOOR DRAIN	RM ROOM				
FDV FIRE DEPARTMENT VALVE	RPM REVOLUTIONS PER MINUTE				
FL FLOOR	RW RAIN WATER				
FO FUEL OIL	SF SQUARE FOOT				
FOV FUEL OIL VENT	SIA SUPPLY AIR				
FOR FUEL OIL RETURN	SAN SANITARY				
FOS FUEL OIL SUPPLY	SM SURFACE MOUNT				
FS FEET PER MINUTE	SP STANDPIPE				
FS FLOOR SINK	SP STATIC PRESSURE				
FT FOOT/FEET	STM STEAM				
FTR FIN TUBE RADIATION	T THERMOSTAT				
GAL GALLON	TD TRENCH DRAIN				
GC GENERAL CONTRACTOR	TDR TEMPERATURE DROP				
GPM GALLONS PER MINUTE	TEMP TEMPERATURE				
GW GREASE WASTE	TYP TYPICAL				
HB HOSE BIB	UG UNDERGROUND				
HP HORSE POWER	VAC VACUUM				
HTG HEATING	V VENT				
HTR HEATER	VAV VARIABLE AIR VOLUME				
HYD HYDRANT	VENT VENTILATION				
ID INDIRECT	VTR VENT THROUGH ROOF				
IN INCH	W WASTE				
INW INVERT	WB WET BULB				
LB POUND	WCO WALL CLEAN OUT				
LBHR POUNDS PER HOUR	WH WALL HYDRANT				
LAT LEAVING AIR TEMPERATURE					
LP LOW PRESSURE					
LPG LIQUEFIED PETROLEUM GAS					



FIRE PROTECTION GENERAL NOTES

- NO FIRE PROTECTION LINE SHALL BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES. DUCTWORK, MECHANICAL PIPING AND PLUMBING TAKE SPACE PRECEDENCE OVER FIRE PROTECTION REMOVAL AND REINSTALLATION AT THE FIRE PROTECTION CONTRACTORS EXPENSE.
- ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.
- COORDINATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK, MECHANICAL AND PLUMBING PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.
- FIRE SUPPRESSION CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND/OR REROUTE ANY AND ALL FIRE PROTECTION PIPING, VALVING, SUPPORTS OR SYSTEMS, OTHERWISE WITHIN THE FIRE SUPPRESSION DISCIPLINE REGARDLESS OF WHO INSTALLED THEM OR WHEN THEY WERE INSTALLED, IN ORDER TO ACCOMMODATE MECHANICAL, PLUMBING, ELECTRICAL OR OTHER SYSTEMS. COORDINATE WORK WITH MECHANICAL, ELECTRICAL, PLUMBING OR OTHER CONTRACTORS UNTIL SUBSTANTIAL COMPLETION OF PROJECT.
- PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.
- THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE GENERAL CONTRACTOR PRIOR TO STARTING WORK.
- PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.
- REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION REGARDING SPRINKLER HEAD LOCATION AND PIPE, UNLESS NOTED OTHERWISE.
- DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.
- ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.
- THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.
- AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.
- AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. (EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.)
- SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.
- FLOW TEST DATA FROM ##H INDICATES THE FOLLOWING: STATIC PRESSURE # PSI, RESIDUAL PRESSURE: # PSI AT # GPM, THE HYDRANTS TESTED ARE APPROXIMATELY ## FEET AWAY FROM THE CENTER OF THE SITE LOCATED OFF THE ##" WATER MAIN IN ## STREET AT AN ELEVATION OF ## FEET ABOVE SEA LEVEL. SEE CIVIL PLANS FOR HYDRANT LOCATION. THE CONTRACTOR SHALL PERFORM A FIRE FLOW TEST IN ACCORDANCE WITH NFPA 291 TO VERIFY THE FLOW TEST DATA GIVEN ABOVE. THE DATA GIVEN ABOVE SHALL BE THE BASIS OF DESIGN UNLESS THE AVAILABLE PRESSURE OR FLOW HAS DECREASED. NOTIFY OWNERS REPRESENTATIVE IF FLOW TEST DATA DIFFERS FROM THE DATA ABOVE. A FIRE PROTECTION ENGINEER OR AN ENGINEER EXPERIENCED IN WATER FLOW TESTING SHALL PERFORM OR WITNESS THE REQUIRED FLOW TESTING AND SIGN THE REPORT PRIOR TO THE FIRST SPRINKLER SYSTEM SUBMITTAL.
- ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM. BRANCH LINE TO ENTER ROOM ABOVE DOOR.
- THIS DRAWING INDICATES A GENERAL PIPING ARRANGEMENT AND SUGGESTED SIZING ONLY. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

PLUMBING GENERAL NOTES

- UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS. WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT. VERIFY ALL SLOPING WITH LOCAL CODES.
- ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.
- PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS.
- NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
- COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS.
- CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
- PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER REQUIREMENTS.
- CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVE HANDLES ON WIDE SIDE OF ALL FIXTURES.
- LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES.
- INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.
- INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILINGS.
- MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION.
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.
- COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL.
- SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TUBFROM SINGLE FIXTURE.
- HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY.
- LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24" X 24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING. PROVIDE APPROPRIATELY SIZED ACCESS DOORS TO ANY OF THESE ITEMS INSTALLED IN A WALL. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
- FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM.
- INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING.
 - SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.
 - LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING.
 - LOCATE AT THE BASE OF EACH VERTICAL STACK.

MECHANICAL GENERAL NOTES

- COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
- SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
- BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
- COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE FIRE SMOKE OR COMBINATION FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED TO MEET THE INTEGRITY OF ALL SMOKE AND FIRE PARTITIONS. THE CONTRACTOR SHALL REFER TO THE LATEST ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE AND SMOKE PARTITION LOCATIONS. DAMPERS ARE TO BE PROVIDED WITH SHUTOFF/TEST SWITCH AT EACH LOCATION.
- PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
- INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE. SEE DETAILS, TYPICAL.
- DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LNER AND ADJUST SHEET METAL DIMENSION.
- PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL.
- PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT ALL BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK. PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
- PROVIDE AND INSTALL HIGH EFFICIENCY OR CONICAL TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
- WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCTS.
- AT LOCATIONS WHERE DIFFUSERS OR GRILLES ARE UNDER DUCTWORK, CONTRACTOR TO FABRICATE TRANSITION BOOT FROM FLEX CONNECTION TO DIFFUSER OR GRILLE WITH BALANCING DAMPER, TYPICAL.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED ACCESS DOORS FOR ALL FIRE, SMOKE AND COMBINATION FIRE/SMOKE DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. FIELD VERIFY EXACT INSTALLATION LOCATIONS PRIOR TO COMMENCING WORK AND COORDINATE INSTALLATIONS WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL VAV BOXES TO HAVE REHEAT COILS, EXCEPT AS NOTED. PROVIDE EQUIPMENT TAG TO MATCH SCHEDULE. PROVIDE A MINIMUM OF TWO DUCT DIAMETERS OF STRAIGHT ROUND DUCT TO INLET OF VAV BOX. BOX SHALL BE HARD CONNECTED (CONICAL) TO MEDIUM PRESSURE DUCT, TYPICAL.
- PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE MINIMUM 24" X 24".
- FLEX DUCT IS REQUIRED FOR ALL DIFFUSERS AND GRILLES INSTALLED IN LAY-IN CEILINGS. FOR DIFFUSERS AND GRILLES IN HARD LID CEILINGS, THE DUCTWORK SHALL BE EXTENDED ALL THE WAY TO THE DIFFUSER AND SHALL BE CONNECTED WITH A HARD CONNECTION OR A FLEX DUCT CONNECTION WITH A MUD RING AND LAY-IN DIFFUSER AS SHOWN ON PLANS.
- THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- PROVIDE ACCESS TO ALL TEMPERATURE CONTROLS ABOVE CEILING. LOCATE IN ACCESSIBLE LOCATION WHERE THERE ARE HARD CEILINGS THE CONTRACTOR SHALL PROVIDE 2" X 24" ACCESS DOOR.
- SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.
- CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 5'-0" AFF. A MINIMUM OF 8" FROM LIGHT SWITCH, UNLESS OTHERWISE NOTED ON THE ARCHITECT'S ELEVATIONS. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
- REFER TO MECHANICAL PIPING OR ZONING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.
- CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPE SHALL BE TYPE "1" COPPER UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
- PROVIDE A 4" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUIPMENT THAT IS FLOOR MOUNTED. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.
- ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS.
- THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

MECHANICAL PIPING GENERAL NOTES

- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
- UNLESS OTHERWISE NOTED: ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND TIGHT TO UNDERSIDE OF STRUCTURE.
- INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
- PROVIDE AIR VENT AT HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING SYSTEM.
- ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION AND TAGGED.
- PROVIDE ISOLATION VALVES AT EACH EXISTENTRANCE INTO SHAFT WHETHER OR NOT SHOWN.
- COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHING PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL PLANS OR SPECIFICATIONS.

PROJECT GENERAL NOTES

- THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
- REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
- THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS. CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
- WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSAID DRAINS AT COMPLETION OF CONSTRUCTION.
- COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILING ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
- FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
- LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
- COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
- FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
- PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
- REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
- ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
- INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL, CONDUIT, PLUMBING, MECHANICAL, AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
- THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- DETAILS REFERENCE ALL SHEETS.
- INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
- ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS, WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
- WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
- CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.

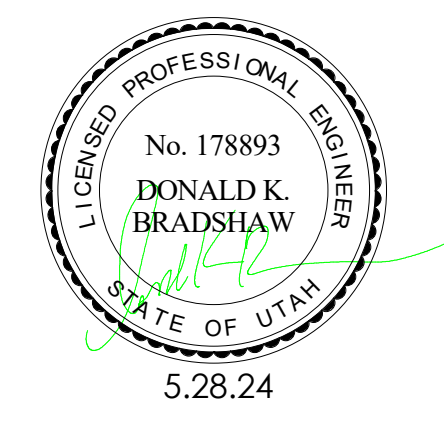
NOTE

ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.

KEYNOTES
 1 COLORED REGIONS INDICATE INDIVIDUALLY CONTROLLED THERMAL ZONE BOUNDARIES.



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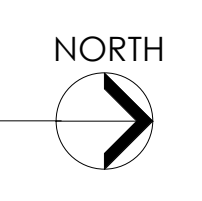


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LEVEL 1 THERMAL ZONE DIAGRAM
 1 SCALE: 1/4" = 1'-0"



Intermountain Health
 McKay Dee Hospital
 Pulmonary Clinic Remodel

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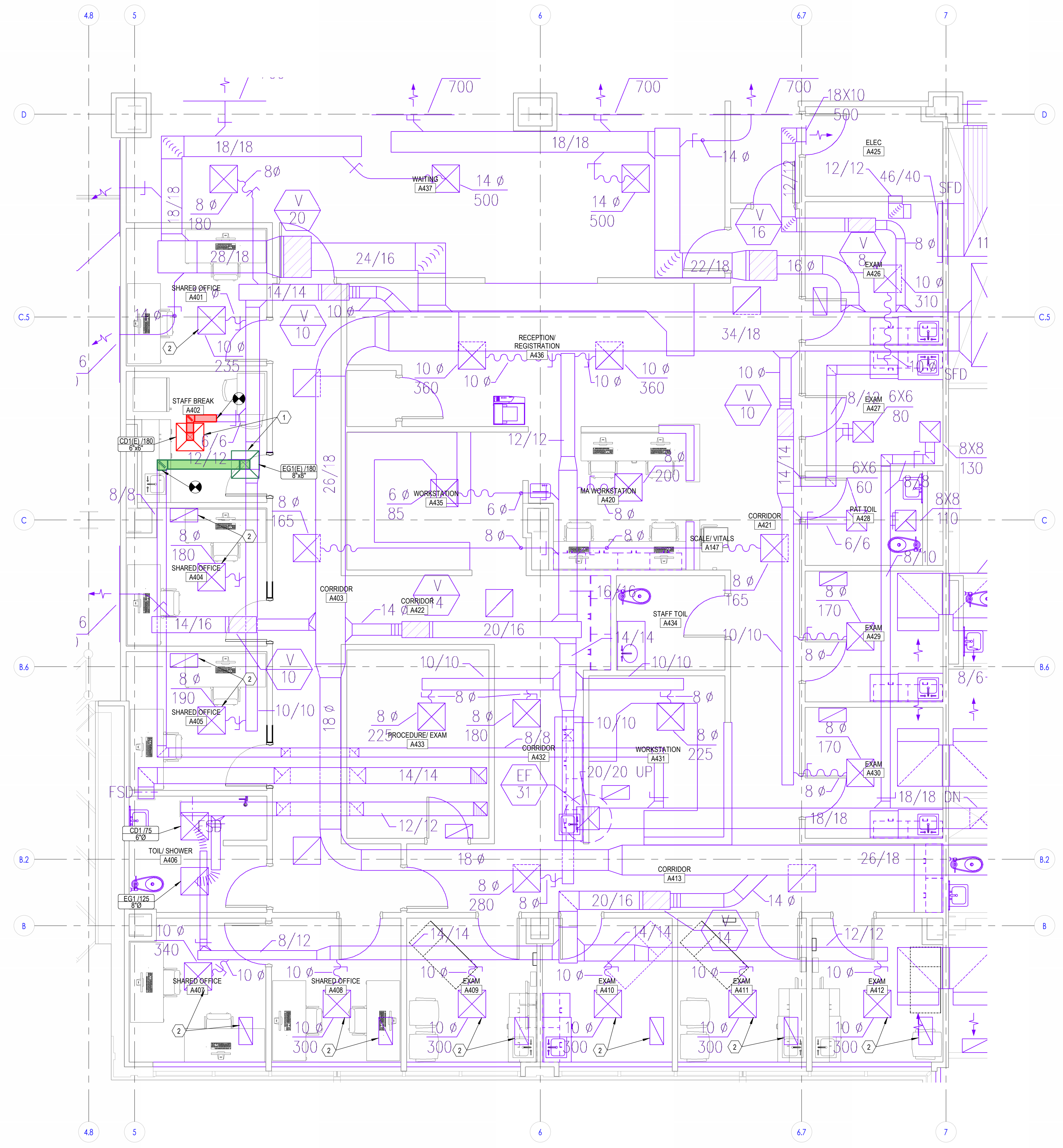
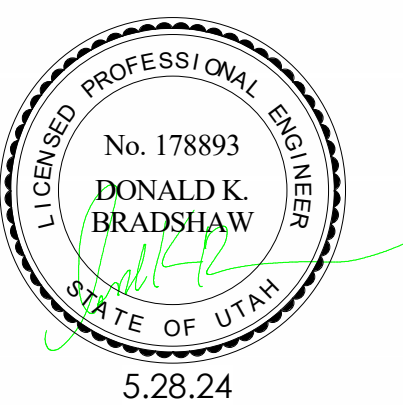
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LEVEL 1
 THERMAL
 ZONE PLAN

M011

KEYNOTES

- 1 REINSTALL EXISTING DIFFUSER/GRILLE IN NEW CEILING. EXTEND DUCTWORK AND CONNECT TO EXISTING. REBALANCE TO CFM SHOWN. FIELD VERIFY EXISTING CONDITIONS.
- 2 VERIFY DIFFUSER/GRILLE IS PROPERLY INSTALLED IN CEILING.



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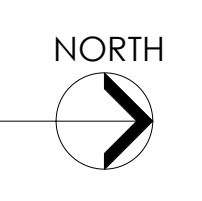
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LEVEL 4 HVAC PLAN

M101

1 LEVEL 4 HVAC PLAN
SCALE: 1/4" = 1'-0"

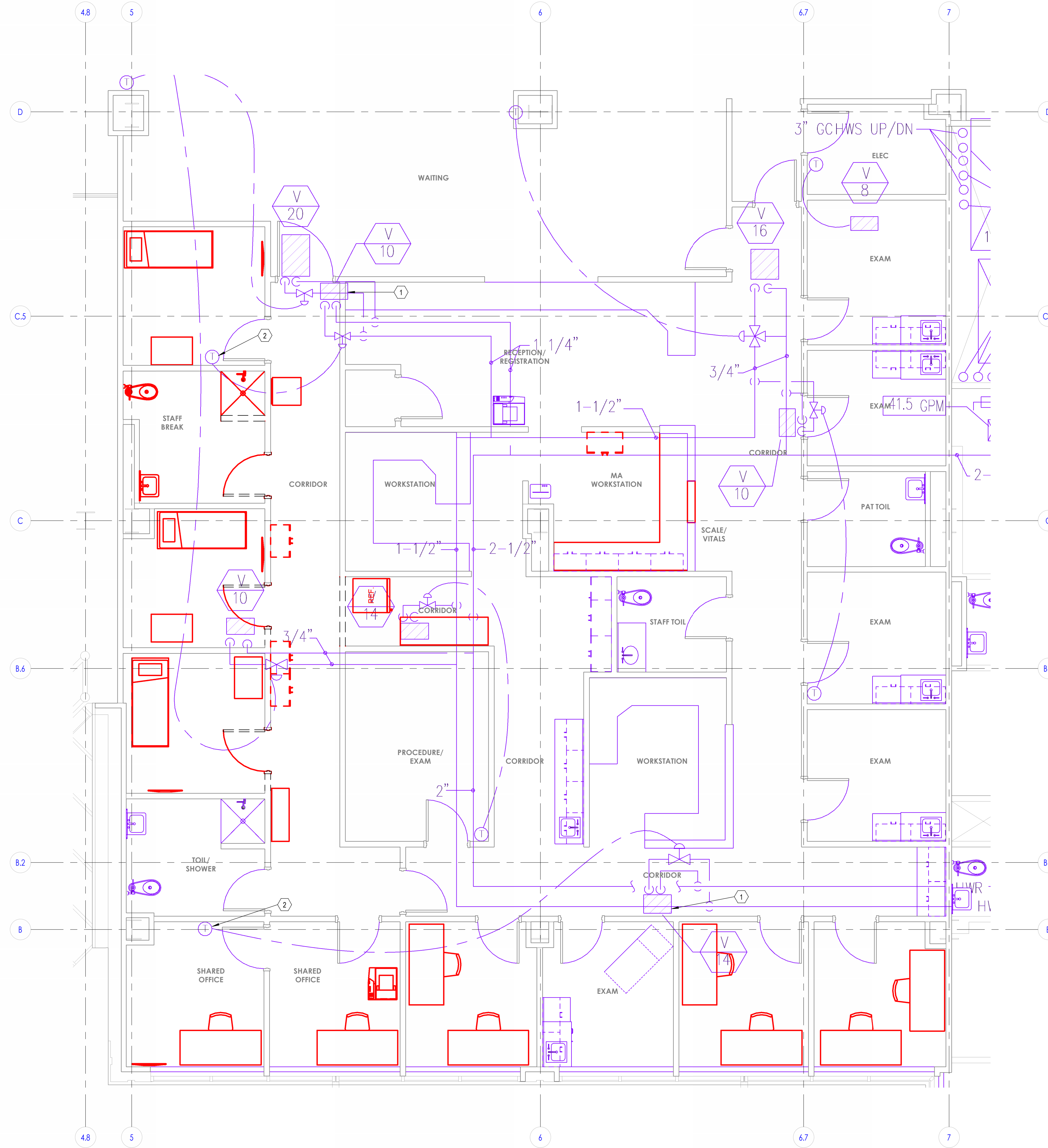


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LEVEL 4 MECHANICAL PIPING DEMOLITION PLAN

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

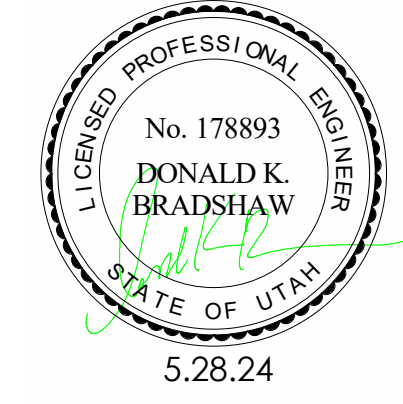


KEYNOTES

- 1 VERIFY EXISTING VAV BOX IS IN GOOD CONDITION AND FUNCTIONING PROPERLY.
- 2 VERIFY THERMOSTAT IS CONNECTED TO VAV BOX CONTROLS AND FUNCTIONING PROPERLY.



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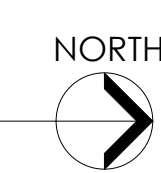
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Intermountain Health
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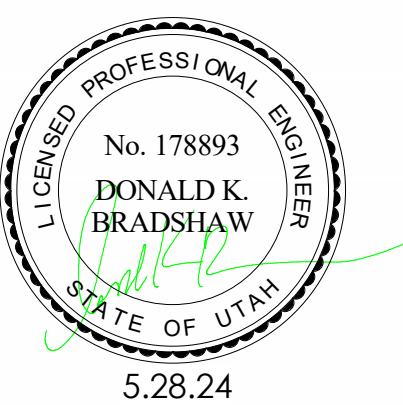
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LEVEL 4
MECHANICAL
PIPING
DEMOLITION
PLAN
MD111

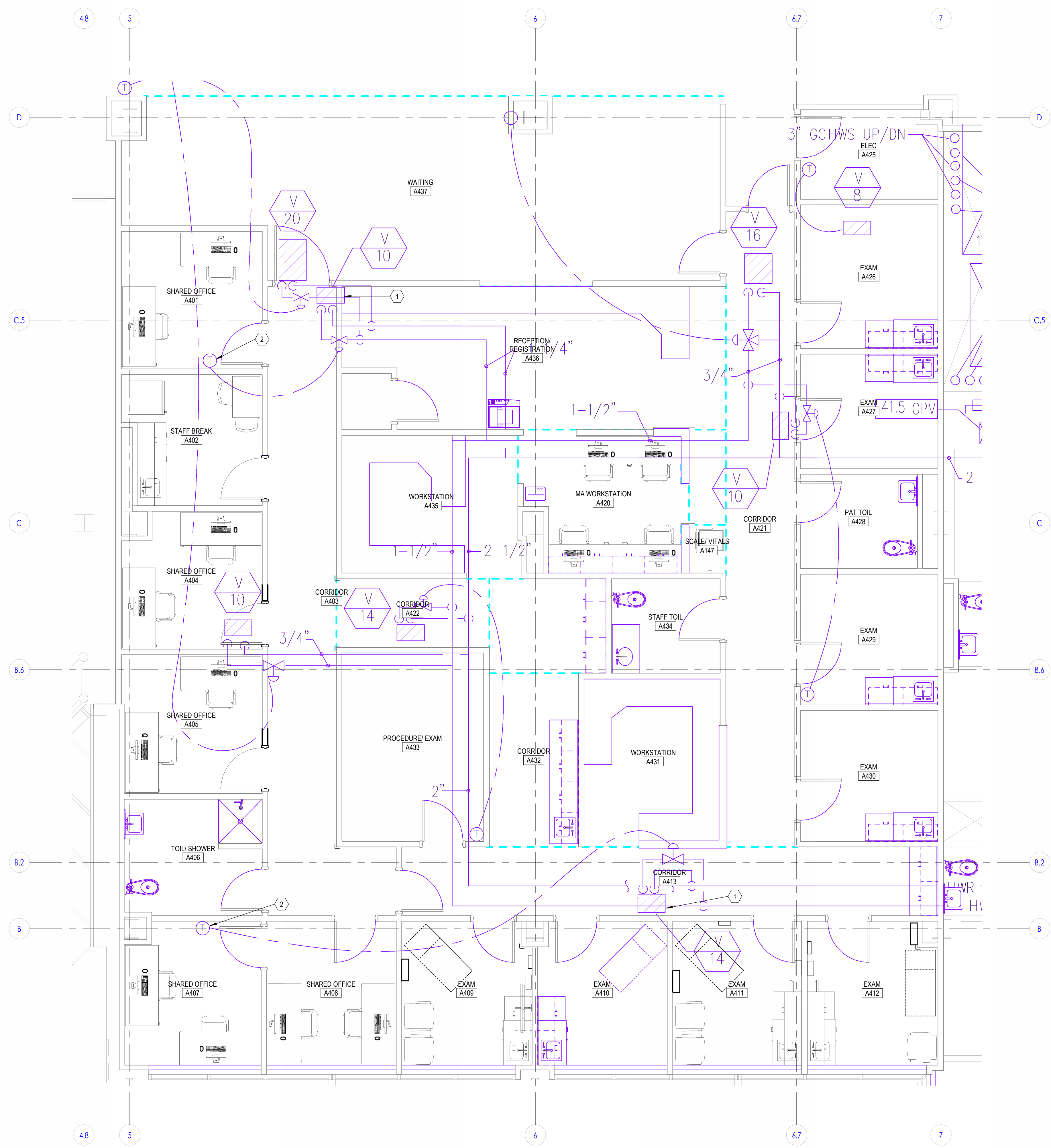


KEYNOTES
 1 VERIFY EXISTING VAV BOX IS IN GOOD CONDITION AND FUNCTIONING PROPERLY.
 2 VERIFY THERMOSTAT IS CONNECTED TO VAV BOX CONTROLS AND FUNCTIONING PROPERLY.

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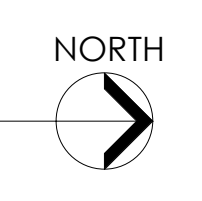
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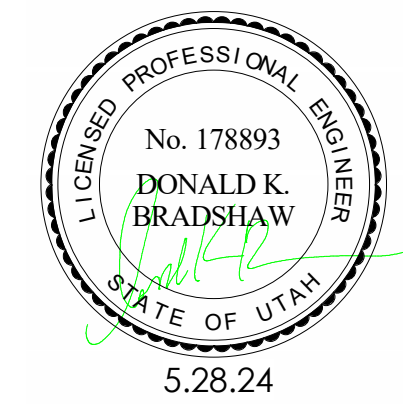
LEVEL 4
 MECHANICAL
 PIPING PLAN

M111

LEVEL 4 MECHANICAL PIPING
 PLAN
 SCALE: 1/4" = 1'-0"

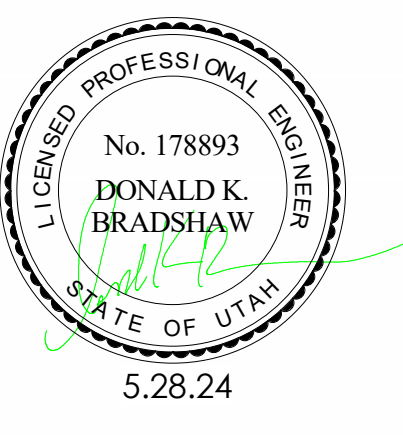


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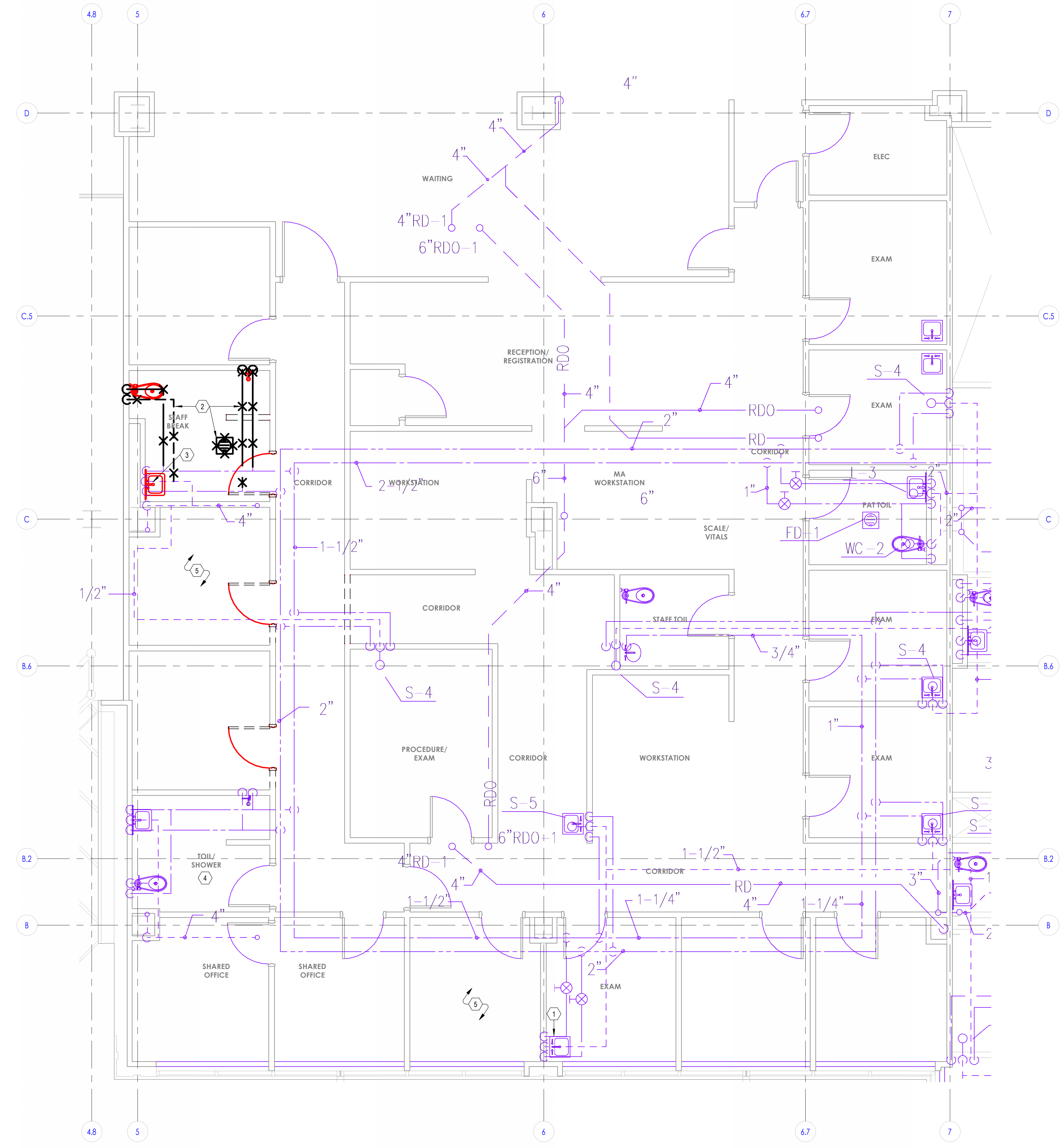
GENERAL MECHANICAL SYMBOLS	PLUMBING AND PIPING SYMBOLS	PLUMBING GENERAL NOTES	PROJECT GENERAL NOTES																																																																																																																																																																																																																																																														
<p>REVISION NUMBER - SHOWN ON PLANS</p> <p>POINT WHERE NEW CONNECTS TO EXISTING</p> <p>POINT WHERE EXISTING IS TO BE DEMOLISHED</p> <p>NUMBER OF DETAIL ON SHEET</p> <p>NUMBER OF SHEET WHERE DETAIL APPEARS</p> <p>KEYNOTE</p> <p>CONTINUATION SYMBOL</p> <p>ROOM NAME AND NUMBER</p> <p>ITEM TO BE DEMOLISHED</p> <p>AREA NOT IN CONTRACT</p> <p>PIPE SIZE TAG (DIAMETER)</p> <p>ABOVE GROUND PIPING</p> <p>PIPE SLOPE TAG</p> <p>BELOW GROUND PIPING</p> <p>PIPE INVERT ELEVATION TAG</p> <p>EXISTING PIPE TAG</p> <p>PIPING BEING DEMOLISHED</p>	<p>PLUMBING AND PIPING SYMBOLS</p> <p>CHWR - CHILLED WATER RETURN</p> <p>CHWS - CHILLED WATER SUPPLY</p> <p>CD - CONDENSATE DRAINAGE</p> <p>CWR - CONDENSER WATER RETURN</p> <p>CWS - CONDENSER WATER SUPPLY</p> <p>GWR - GEOTHERMAL WATER RETURN</p> <p>GWS - GEOTHERMAL WATER SUPPLY</p> <p>HWR - HEATING WATER RETURN</p> <p>HWS - HEATING WATER SUPPLY</p> <p>NG - NATURAL GAS</p> <p>PG - PROPANE GAS</p> <p>REF-L - REFRIGERANT LIQUID</p> <p>REF-S - REFRIGERANT SUCTION</p> <p>REF-HG - REFRIGERANT HOT GAS</p> <p>STM - STEAM</p> <p>CDR - CONDENSATE RETURN</p> <p>CWV - COMBINATION WASTE & VENT</p> <p>CA - COMPRESSED AIR</p> <p>DCW - DOMESTIC COLD WATER</p> <p>NPCW - NON-POTABLE COLD WATER</p> <p>S-CW - SOFT COLD WATER</p> <p>F-CW - FILTERED COLD WATER</p> <p>RO - REVERSE OSMOSIS WATER</p> <p>DHW - HOT WATER</p> <p>DHW 140° - HOT WATER 140°</p> <p>DHW-R 140° - HOT WATER RECIRCULATION 140°</p> <p>NPHW - NON-POTABLE HOT WATER</p> <p>GV - GREASE VENT</p> <p>GW - GREASE WASTE</p> <p>IW - INDIRECT WASTE</p> <p>OW - OIL WASTE</p> <p>PD - PUMP DISCHARGE</p> <p>W - SANITARY WASTE</p> <p>SHWR - SOLAR HOT WATER RETURN</p> <p>SHWS - SOLAR HOT WATER SUPPLY</p> <p>RD - ROOF DRAINAGE</p> <p>RDO - ROOF DRAIN OVERFLOW</p> <p>CO2 - CARBON DIOXIDE</p> <p>HE - HELIUM</p> <p>IA - INSTRUMENT AIR</p> <p>MA - MEDICAL AIR</p> <p>MV - MEDICAL VACUUM</p> <p>N2 - NITROGEN</p> <p>N2O - NITROUS OXIDE</p> <p>O2 - OXYGEN</p> <p>WAGD - WASTE ANESTHESIA GAS DISPOSAL</p> <p>PIPE ACCESSORY TAGS</p> <p>2" DOM. WM DOMESTIC WATER METER</p> <p>2" M-CNTRL MOTORIZED CONTROL VALVE</p> <p>2" BALANCING VALVE</p> <p>2" 3-WAY CNTRL 3 WAY MOTORIZED CONTROL VALVE</p> <p>2" SHUTOFF 1/4 TURN BALL VALVE</p> <p>2" PRV PRESSURE REDUCING VALVE</p> <p>2" CHECK CHECK VALVE</p> <p>3/8" SOLENOID REFRIGERANT SOLENOID VALVE</p> <p>2" TMV 3-WAY MIXING VALVE</p> <p>2" BUTTERFLY BUTTERFLY VALVE</p> <p>DRAIN TAGS</p> <p>FLOOR DRAIN 4" FD-1 TYPE (SEE SCHEDULE)</p> <p>FLOOR DRAIN 4" FD-3P "P" - INDICATES PRIMER CONNECTION</p> <p>FLOOR SINK 4" FS-4</p> <p>HUB DRAIN 4" FD-13</p> <p>ROOF AREA SERVED BY DRAIN 4000 SF</p> <p>6" RD-1 COMBINATION DRAINS</p>	<p>PLUMBING GENERAL NOTES</p> <ol style="list-style-type: none"> UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT, WASTE MAINS: 1/4" PER FOOT, ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT, VERIFY ALL SLOPING WITH LOCAL CODES. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND, CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES. ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S. COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED. PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER REQUIREMENTS. CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVE HANDLES ON WIDE SIDE OF ALL FIXTURES. LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES. INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK. INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILING. MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY. INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY. COORDINATE THE LOCATION OF THE FLOOR DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE. HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY. LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24" X 24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING. PROVIDE APPROPRIATELY SIZED ACCESS DOORS TO ANY OF THESE ITEMS INSTALLED IN A WALL. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION. FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING: <ol style="list-style-type: none"> SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED. LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING. LOCATE AT THE BASE OF EACH VERTICAL STACK. 	<p>PROJECT GENERAL NOTES</p> <ol style="list-style-type: none"> THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES. REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN. THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION. WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSAFE DRAINS AT COMPLETION OF CONSTRUCTION. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILING, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF. COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING. FIELD SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF. TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION. REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS SERVICES, MAINTENANCE ACCESS, ETC. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILING. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER. DETAILS REFERENCE ALL SHEETS. INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS. LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS, WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS. WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR, COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED. 																																																																																																																																																																																																																																																														
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GAL	GALLON	SP	STANDPIPE																																																																																																																																																																																																																																																														
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE																																																																																																																																																																																																																																																														
GPM	GALLONS PER MINUTE	STM	STEAM																																																																																																																																																																																																																																																														
GW	GREASE WASTE	T	THERMOSTAT																																																																																																																																																																																																																																																														
HB	HOSE BIB	TD	TEMPERATURE DROP																																																																																																																																																																																																																																																														
HP	HORSE POWER	TDR	TRENCH DRAIN																																																																																																																																																																																																																																																														
HTG	HEATING	TEMP	TEMPERATURE																																																																																																																																																																																																																																																														
HTR	HEATER	TYP	TYPICAL																																																																																																																																																																																																																																																														
HW	HOT WATER	UG	UNDERGROUND																																																																																																																																																																																																																																																														
HYD	HYDRANT	VAC	VACUUM																																																																																																																																																																																																																																																														
ID	INDIRECT	V	VENT																																																																																																																																																																																																																																																														
IN	INCH	VAV	VARIABLE AIR VOLUME																																																																																																																																																																																																																																																														
INV	INVERT	VENT	VENTILATION																																																																																																																																																																																																																																																														
LB	POUND	VTR	VENT THROUGH ROOF																																																																																																																																																																																																																																																														
LBHR	POUNDS PER HOUR	W	WASTE																																																																																																																																																																																																																																																														
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB																																																																																																																																																																																																																																																														
LP	LOW PRESSURE	WCO	WALL CLEAN OUT																																																																																																																																																																																																																																																														
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT																																																																																																																																																																																																																																																														

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KEYNOTES

- EXISTING FIXTURE AND ASSOCIATED WATER, WASTE, AND VENT TO REMAIN.
- DEMOLISH EXISTING FIXTURES AND PIPING SHOWN CROSSED OUT. TAKE PIPING BACK AS CLOSE TO MAINS AS POSSIBLE TO AVOID DEAD LEGS. PATCH FLOOR TO MATCH EXISTING AFTER REMOVING FLOOR DRAIN.
- EXISTING WATER, WASTE AND VENT IN WALL SHALL REMAIN.
- EXISTING PLUMBING IN THIS ROOM TO REMAIN.
- PRESERVE AND PROTECT EXISTING FIRE PROTECTION HEADS FOR FUTURE USE.



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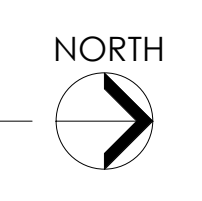
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Construction Documents May 28, 2024

LEVEL 4
PLUMBING
DEMOLITION
PLAN

PD101

LEVEL 4 PLUMBING DEMOLITION
PLAN

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

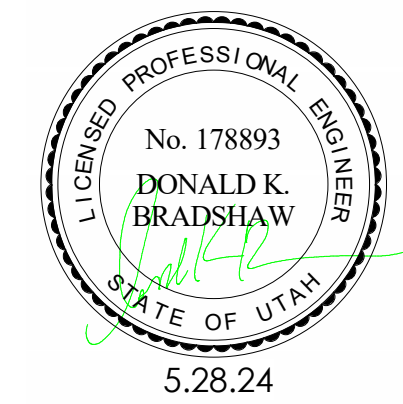


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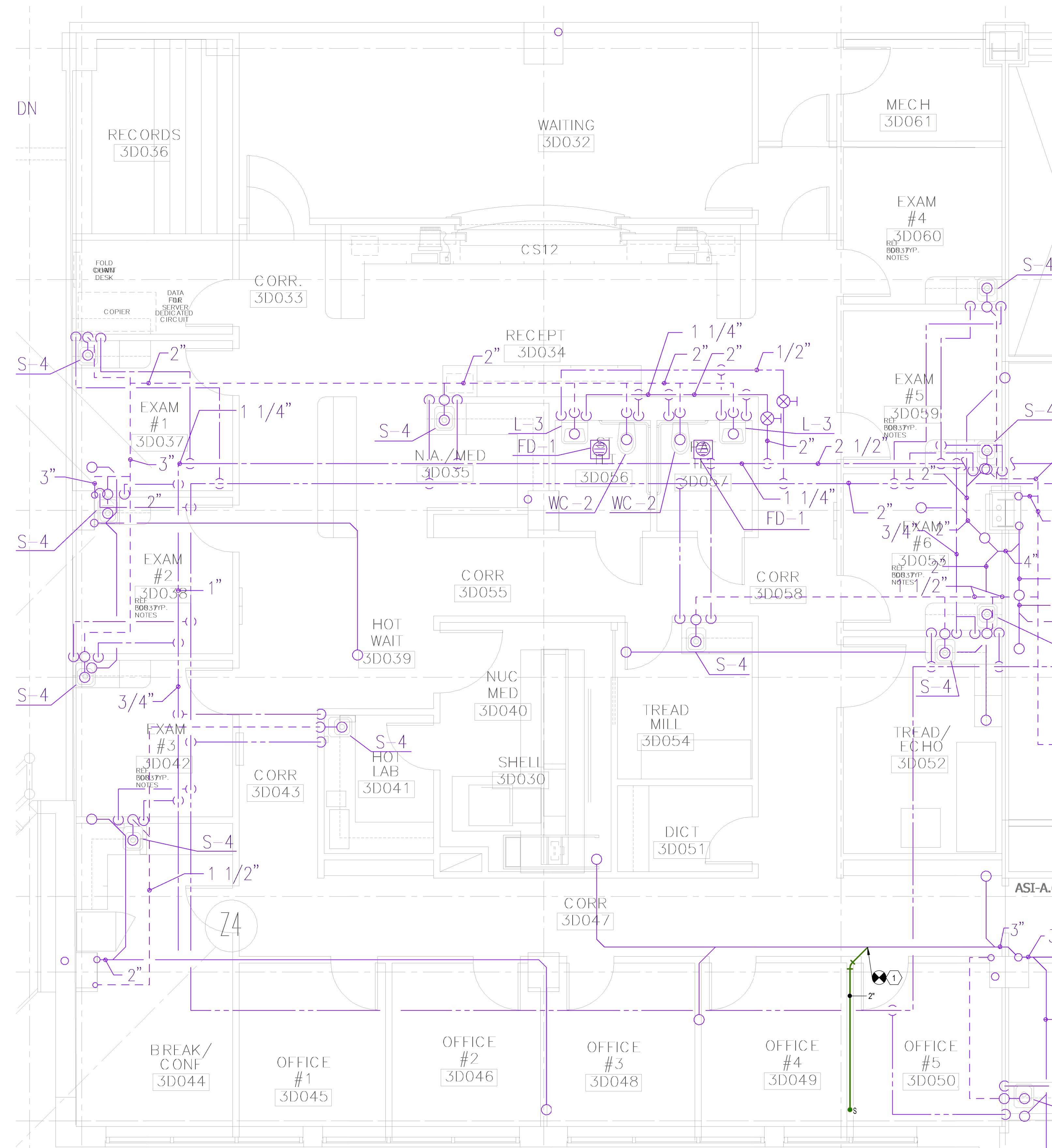
KEYNOTES
1 CONNECT NEW WASTE LINE INTO EXISTING WASTE LINE HERE.



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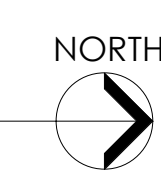


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VBFA Project #: 240316



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1 LEVEL 3 PLUMBING PLAN
SCALE: 1/4" = 1'-0"



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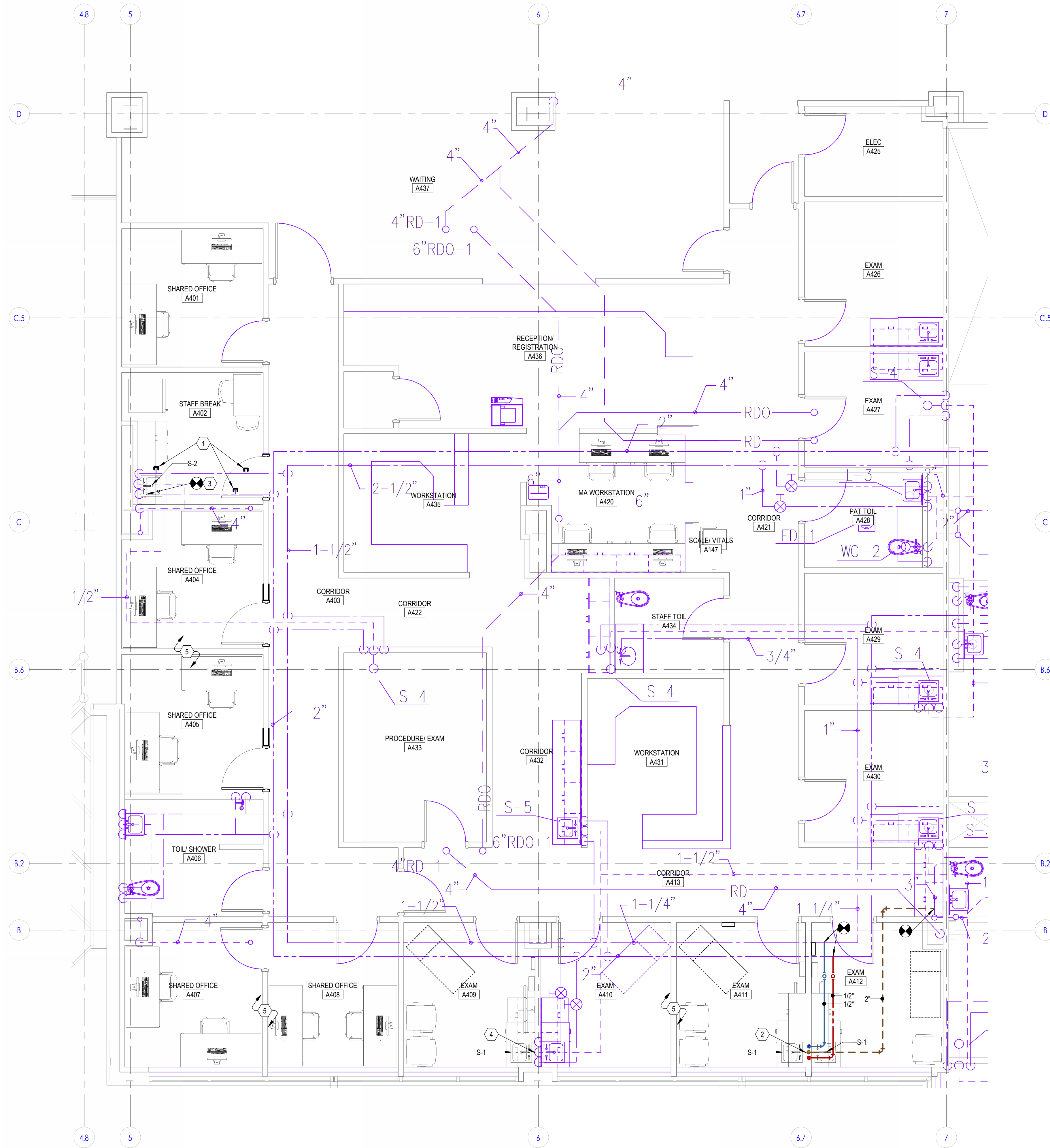
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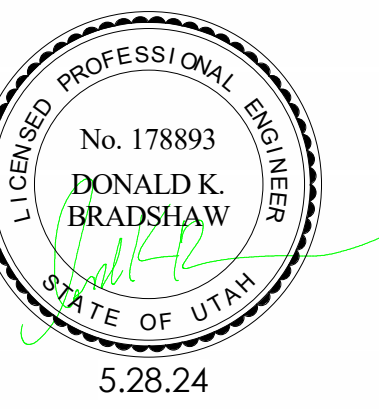
LEVEL 3
PLUMBING
PLAN

P100

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- KEYNOTES**
- 1 CAP REMAINING TAKE-OFFS AS CLOSE TO MAINS AS POSSIBLE TO AVOID DEAD LEGS.
 - 2 CONNECT NEW BACK-TO-BACK SINKS TO THE SAME WATER, WASTE, AND VENT PIPING.
 - 3 CONNECT NEW SINK TO EXISTING WATER WASTE AND VENT PIPING.
 - 4 NEW SINK SHALL CONNECT TO EXISTING WATER, WASTE, AND VENT PIPING SERVING EXISTING SINK ON OPPOSITE SIDE OF THE WALL.
 - 5 REINSTALL SALVAGED FIRE PROTECTION HEADS IN NEW CEILINGS WHERE APPLICABLE.

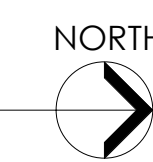


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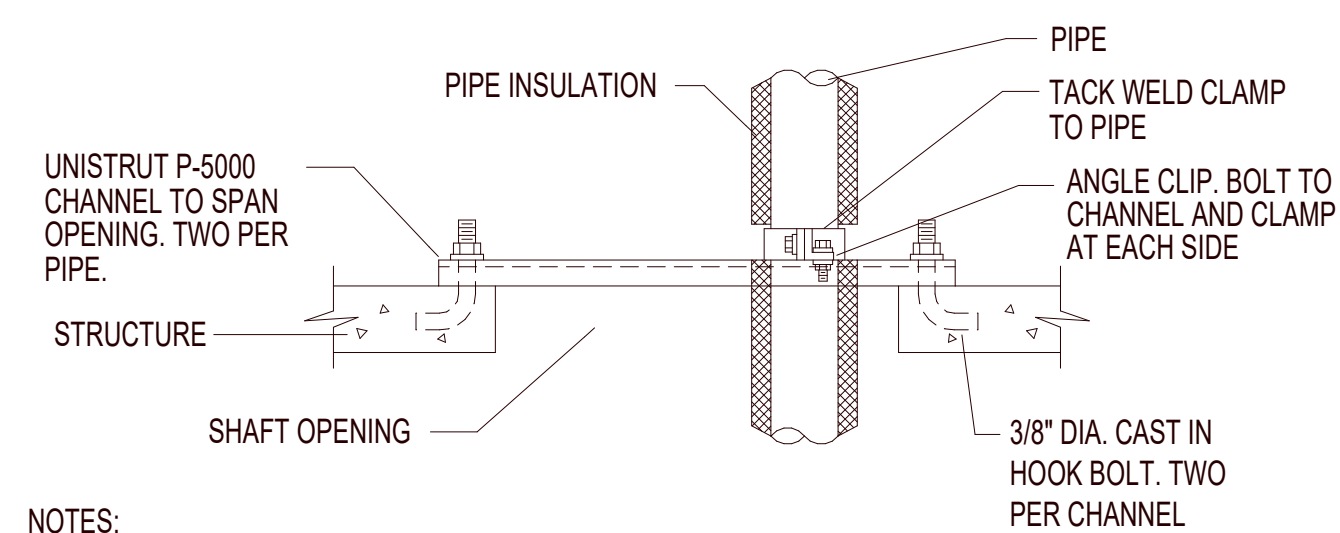
NJRA Project # 23354.00
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1 LEVEL 4 PLUMBING PLAN
SCALE: 1/4" = 1'-0"



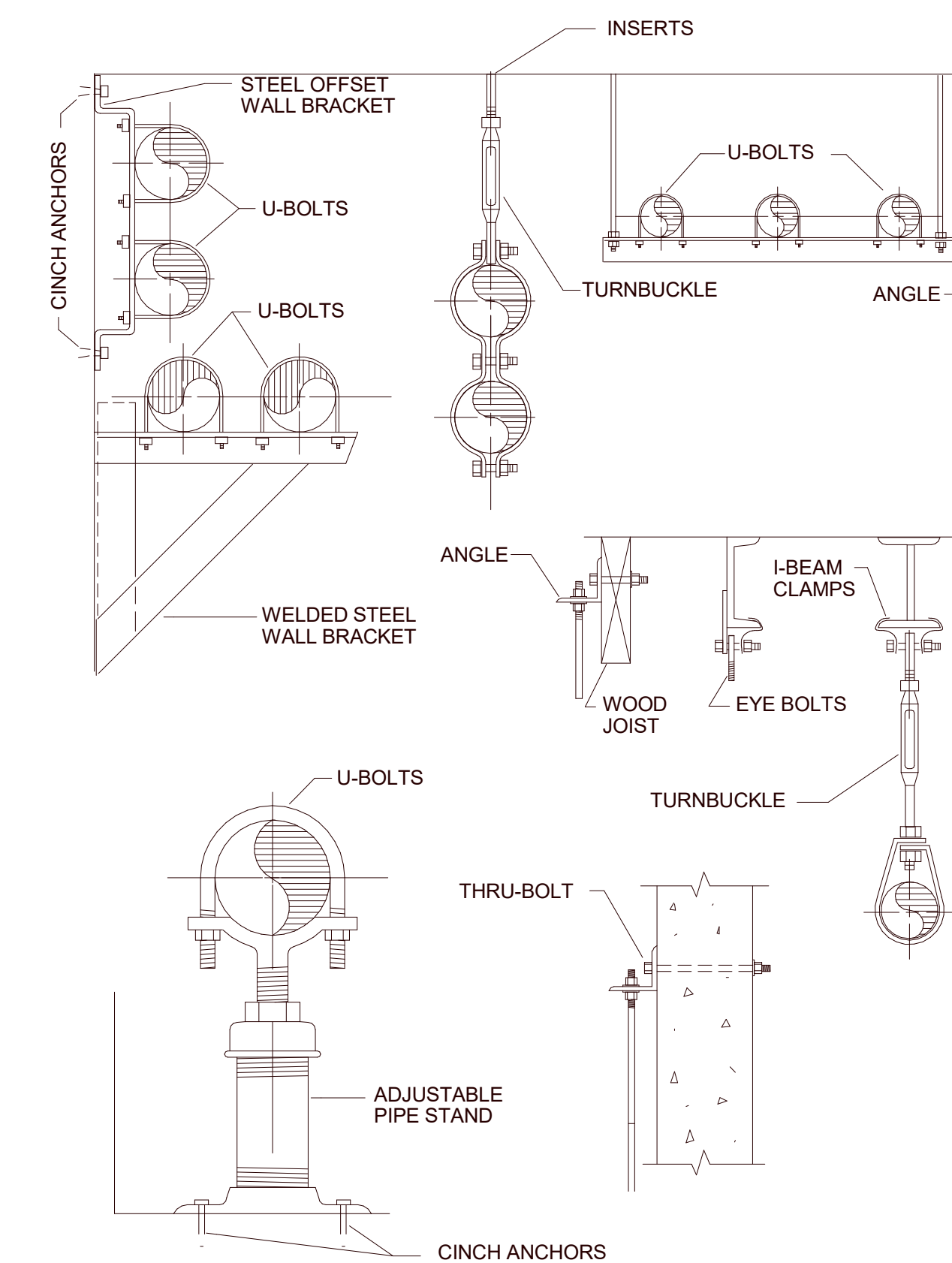
LEVEL 4
PLUMBING
PLAN

P101

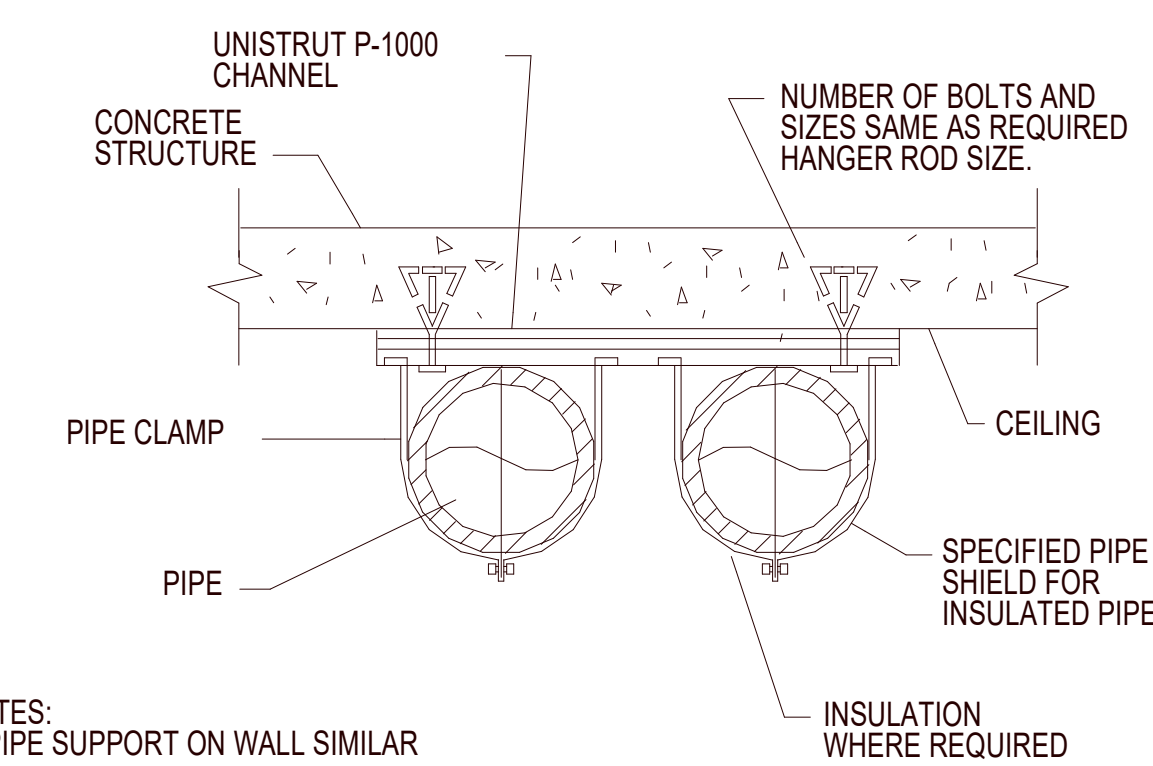


NOTES:
 1. TYPICAL SUPPORT AT EACH FLOOR.
 2. FOR MULTIPLE PIPES INSTALL CHANNELS IN PARALLEL AND PROVIDE ADDITIONAL FRAMING. SIZES OF FRAMING MEMBERS AS REQUIRED TO SUPPORT TOTAL WEIGHT OF PIPE.
 3. INSULATE CLAMP AT CHILLED WATER PIPE ONLY.

5 PIPE RISER SUPPORT DETAIL
 P501 NO SCALE

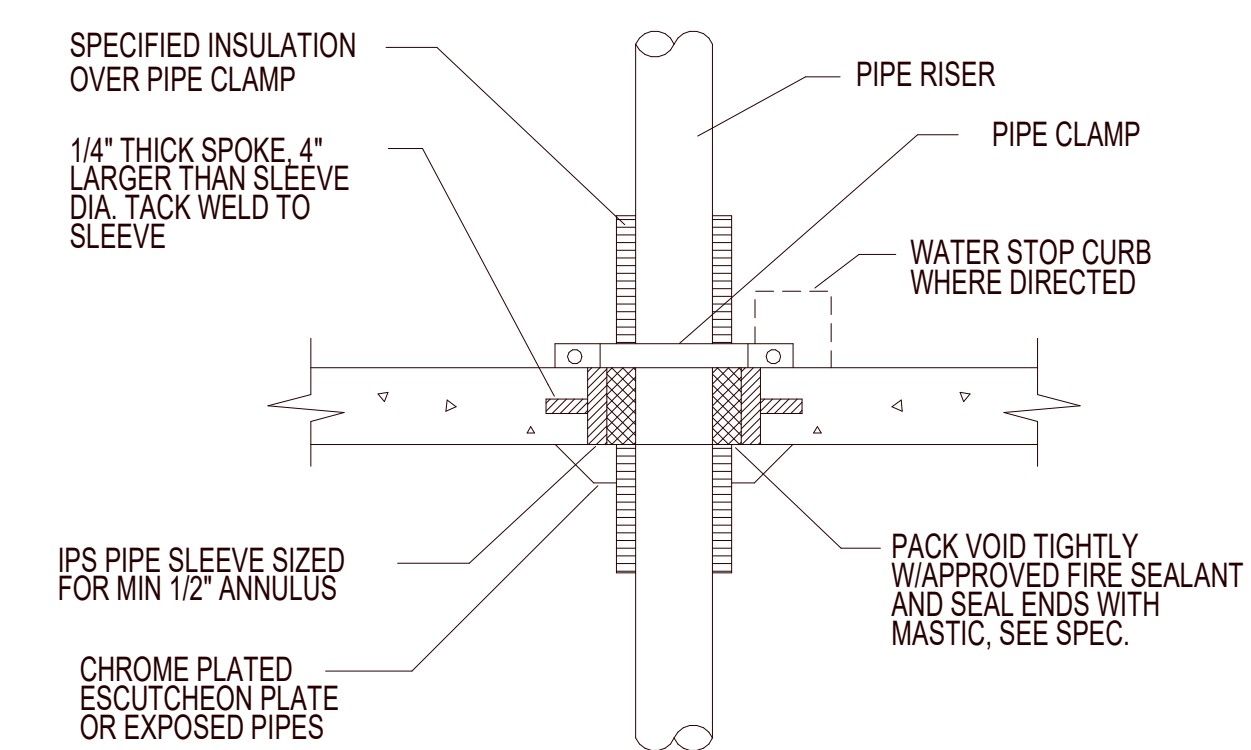


1 TYPICAL PIPE SUPPORT DETAIL
 P501 NO SCALE

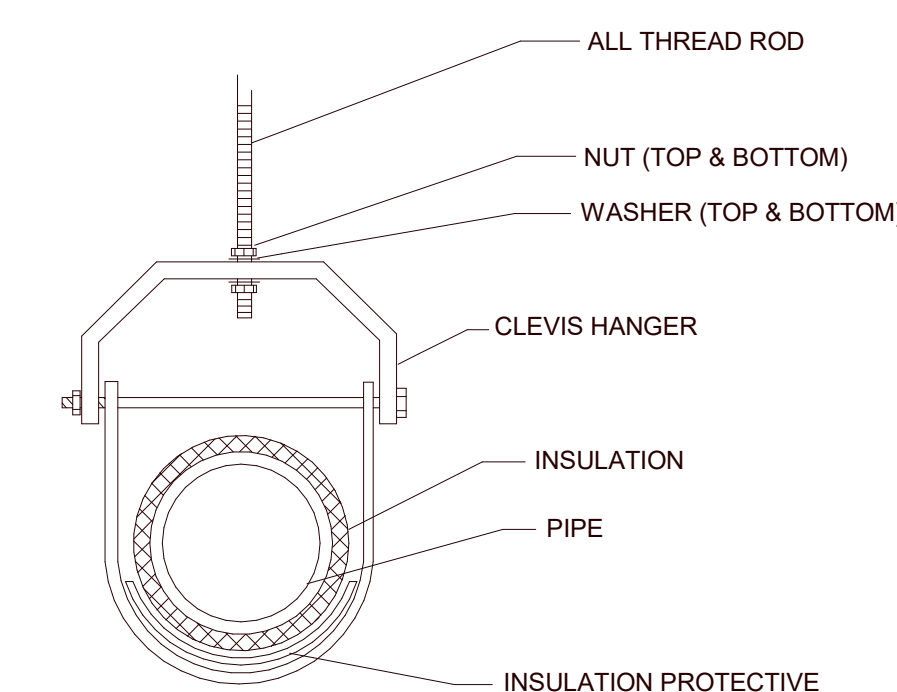


NOTES:
 1. PIPE SUPPORT ON WALL SIMILAR

2 PIPE SUPPORT ON CEILING
 P501 NO SCALE



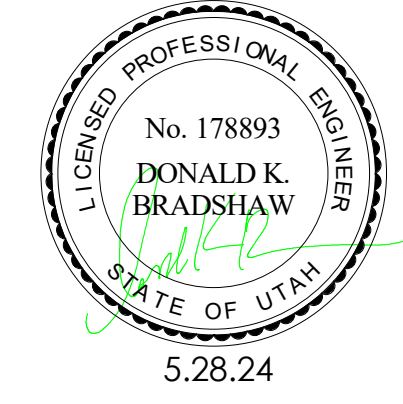
3 PIPE THROUGH FLOOR SLAB DETAIL
 P501 NO SCALE



4 TYPICAL CLEVIS HANGER DETAIL
 P501 NO SCALE



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PLUMBING FIXTURE SCHEDULE

ID	FIXTURE	GW (IN)	HW (IN)	W (IN)	V (IN)	NOTES	SPECIFICATION
S-1	EXAM SINK	1/2	1/2	2	1 1/2	SOLID SURFACE INTEGRAL SINK	SINK, CORIAN 804P 15-3/4" X 15-3/4" X 8-1/8" DEEP BOWL, INTEGRAL SINK, PROVIDE CHICAGO 786-GN8FCB0CP FAUCET, NO. 317 4" WRIST BLADES, 6N8 RIGID SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM F2 LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, JUST J-35 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.
S-2	BREAK RM SINK	1/2	1/2	2	1 1/2	COUNTER MOUNTED, STAINLESS STEEL, SINGLE COMPARTMENT, KITCHEN FAUCET	SINK (STAINLESS STEEL, COUNTER MOUNTED, SINGLE COMPARTMENT). JUST SLADA1921A553-J, TYPE 304 STAINLESS STEEL SINK, 14" X 18" X 5-1/2" DEEP BASIN, SELF RIMMING, 8" CENTERS DRILLING WITH J-35 CUP STRAINER, SYMMONS S-23-BH-1.5 KITCHEN FAUCET WITH 1.5 GPM AERATOR. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

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PLUMBING SCHEDULES

P601

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL.
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	FIRE ALARM TERMINAL CABINET, NAC, SLC, SPEAKER CIRCUITS, AMPLIFIERS, BATTERIES
	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
NURSE CALL	
	CORRIDOR LIGHT.
	BATHROOM PULL CORD STATION.
	DUTY STATION.
	EMERGENCY ASSISTANCE CALL STATION.
	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
CCTV	
	CCTV CABLE, POWER.
	CCTV CABLE, VIDEO SIGNAL.
	CCTV HEADEND EQUIPMENT.
	CCTV MONITOR.
	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
SECURITY	
	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
	ACCESS CONTROL HEADEND EQUIPMENT.
#1 symbol"/>	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
	CARD READER.
	KEYPAD/CARD READER COMBINATION.
	PANIC DURESS SWITCH.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING METHODS	
	WIRING.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT (CC) SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
LIGHTING	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/OR CENTRALIZED INVERTER AND/OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	PHOTOCELL.
	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "A" OR "B" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
	DIGITAL LIGHTING ROOM CONTROLLER
	DIGITAL LIGHTING DIMMING CONTROLLER
	DIGITAL PLUG LOAD CONTROLLER
	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE/DIAGRAM.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL, WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	FLUSH FIRE RATED POKE THRU: "P" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, KEY OPERATED.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WITH USB OUTLET
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X,X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP: "225A" REPRESENTS THE RATING AND "160A" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, P LUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
	PUSH BUTTON, REMOTE EMERGENCY STOP.
	GENERATOR, POWER (ONE-LINE DIAGRAM).
	METER.
	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)

ABBREVIATIONS			
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.			
1P	SINGLE POLE	KVAR	KILOVOLT AMPERE REACTIVE
1PH	SINGLE-PHASE	KW	KILOWATT
1WAY	ONE-WAY	KWh	KILOWATT HOUR
2/C	TWO-CONDUCTOR	LED	LIGHT EMITTING DIODE
2WAY	TWO-WAY	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3/C	THREE-CONDUCTOR	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
3WAY	THREE-WAY	LPS	LOW PRESSURE SODIUM
4OUT	QUADRUPLE RECEPTACLE OUTLET	LRA	LOCKED ROTOR AMPS
4PDT	FOUR-POLE DOUBLE THROW	LV	LOW VOLTAGE
4PST	FOUR-POLE SINGLE THROW	MATV	MULTI-ANTENNA TELEVISION SYSTEM
4W	FOUR-WIRE	MAX	MAXIMUM
4WAY	FOUR-WAY	MC	METAL CLAD
A	ABOVE COUNTER	MCA	MINIMUM CIRCUIT AMPS
AC	ARMORED CABLE	MCB	MAIN CIRCUIT BREAKER
ADA	AMERICANS WITH DISABILITIES ACT	MCC	MOTOR CONTROL CENTER
ADJ	ADJACENT	MCP	MOTOR CIRCUIT PROTECTION
AFG	ABOVE FINISHED FLOOR	MDP	MAIN DISTRIBUTION PANEL
AFF	ABOVE FINISHED GRADE	MG	MOTOR GENERATOR
AMP	AMPERE INTERRUPTING CAPACITY	MH	MANHOLE
ANN	ANNUNCIATOR	MIN	MINIMUM
AP	ACCESS POINT (WIRELESS DATA)	MLO	MAIN LUGS ONLY
AR	AS REQUIRED	MOC	MAXIMUM OVERCURRENT PROTECTION
ASC	AMPS SHORT CIRCUIT	MTS	MANUAL TRANSFER SWITCH
ATS	AUTOMATIC TRANSFER SWITCH	NA	NOT APPLICABLE
AVG	AVERAGE	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAGE	NEC	NATIONAL ELECTRICAL CODE
BB	BUCK-BOOST TRANSFORMER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BFB	BELOW FINISHED FLOOR	NFC	NATIONAL FIRE CODE
BFG	BELOW FINISHED GRADE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	NL	NIGHT LIGHT
CCTV	CLOSED CIRCUIT TELEVISION	NO	NORMALLY OPEN
C/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	NTS	NOT TO SCALE
C/FOI	CONTRACTOR FURNISHED/ OWNER INSTALLED	OC	ON CENTER
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OCP	OWNER CURRENT PROTECTION
CKT	CIRCUIT	OE	OWNER ELECTRONICS
CM	CONSTRUCTION MANAGER	OFICI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CND	CONDUIT	OFIOI	OWNER FURNISHED/ OWNER CONTRACTOR INSTALLED
CO	CONVENIENCE OUTLET	OPF	OBTAIN FROM PLANS
COR	CONTRACTING OFFICER'S REPRESENTATIVE	OH DR	OVERHEAD (CEILING) DOOR
CP	CONTROL PANEL	OL	OVERLOAD
CT	CURRENT TRANSFORMER	PB	PUSHBUTTON
CTV	CABLE TELEVISION	PF	POWER FACTOR
CU	COPPER	PH	PHASE
DBA	UNIT OF SOUND LEVEL	PNL	PANEL
DDPT	DOUBLE POLE, DOUBLE THROW	PNM	PLENUM
DS	DISCONNECT SWITCH	PR	PAIR
EA	EACH	PS	POWER SUPPLY
EM	EMERGENCY	PT	POTENTIAL TRANSFORMER
EMT	ELECTRICAL METALLIC TUBING	PTZ	PANTILT/Zoom
ENT	ELECTRIC NONMETALLIC TUBING	PV	PHOTO VOLTAGE QUANTITY
EPO	EMERGENCY POWER OFF EQUIPMENT	R	REMOVE
EQUIP	EQUIPMENT	RC	REFLECTED CEILING PLAN
ER	EQUIPMENT ROOM	RMC	RIGID METAL CONDUIT
EX	EXISTING	RNC	RIGID NONMETAL CONDUIT
F	FURNITURE MOUNTED	RPM	REVOLUTIONS PER MINUTE
FA	FIRE ALARM	RPP	RISER PATCH PANEL
FAP	FIRE ALARM CONTROL PANEL	RR	REMOVE AND RELOCATE
FLA	FULL LOAD AMPS	S/S	START/STOP
FMC	FLEXIBLE METAL CONDUIT	SCA	SHOCK CIRCUIT AMPS
FOB	FREIGHT ON BOARD	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
FPP	FIBER PATCH PANEL	SF	SQUARE FOOT (FEET)
FVNR	FULL VOLTAGE NON-REVERSING FULL VOLTAGE REVERSING GENERATOR	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
FVR	FULL VOLTAGE REVERSING GENERATOR	SPD	SURGE PROTECTIVE DEVICE
GFCI	GROUND FAULT INTERRUPTER	SPOT	SINGLE POLE, DOUBLE THROW SPECIFICATION
GFP	GROUND FAULT PROTECTION	SPP	STATION PATCH PANEL
GIG	GIGA HERTZ	SPST	SINGLE POLE, SINGLE THROW
GND	GROUND	ST	SINGLE THROW SWITCHBOARD
HD	HEAVY DUTY	SWB	SWITCHBOARD
HID	HIGH INTENSITY DISCHARGE	SWGR	SWITCHGEAR
HDA	HAND-OFF-AUTOMATIC	TL	TWIST LOCK
HP	HORSE POWER	TP	TELEPHONE POLE
HPS	HIGH POWER FACTOR	TP	TWISTED PAIR
HPF	HIGH PRESSURE SODIUM	TR	TELECOMMUNICATIONS ROOM
HV	HIGH VOLTAGE	TTB	TELEPHONE TERMINAL BOARD
HWM	HORIZONTAL WIRE MANAGEMENT	TV	TELEVISION
HZ	HERTZ	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
I/O	INPUT/OUTPUT	TYP	TYPICAL
IG	ISOLATED GROUND	UGND	UNDERGROUND
IMC	INTERMEDIATE METAL CONDUIT	UPS	UNINTERRUPTIBLE POWER SUPPLY
INIS	INSULATED/ISOLATED	V	VOLTS
IR	INFRARED	VA	VOLT AMPERE
JR-BOX	JUNCTION BOX	VFCVF	VARIABLE FREQUENCY MOTOR CONTROLLER
kV	KILOVOLT	VVM	VERTICAL WIRE MANAGEMENT WITH
kVA	KILOVOLT AMPERE	W/O	WITHOUT
		WP	WEATHERPROOF
		WFP	WIRELESS PATCH PANEL
		XFMR	TRANSFORMER

GENERAL ELECTRICAL NOTES	
1.	CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, OMISSIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC., SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
2.	OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM. A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT. B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGE ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER. C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
3.	EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE. AT THE SITE, THE INSTALLER IS RESPONSIBLE FOR ROUTING RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
4.	SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED, JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
5.	REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
6.	ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC, IBC, NFPA) AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED:	THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.
DIRECTED:	TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.
APPROVED:	THE TERM "APPROVED" WHERE USED IN CONJUNCTION WITH THE ARCHITECT'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.
FURNISH:	THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."
INSTALL:	THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."
PROVIDE:	THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."
INSTALLER:	AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.
TECHNOLOGY SYSTEMS:	THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC..

ELECTRICAL SHEET INDEX	
EE001	ELECTRICAL COVER SHEET
EE002	TELECOM SCHEDULES AND NOTES
EE501	ELECTRICAL DETAILS</

CABLE/OUTLET COLOR SCHEDULE	
COLOR	TYPE
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	IP SECURITY CAMERAS
GRAY	SECURITY CARD READERS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
RED	FIRE SYSTEMS
RED	FORESEER
WHITE	PUBLIC ADDRESS
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

COPPER PATCH CORD SCHEDULE (CATEGORY 6A F/UTP CABLES W/RJ-45 CONNECTORS)			
LENGTH (FEET)	COLOR	QUANTITY	UNIT COST (EACH)
5'	BLUE	20% OF TOTAL PORTS IN TDR'S	-
7'	BLUE	60% OF TOTAL PORTS IN TDR'S	-
10'	BLUE	20% OF TOTAL PORTS IN TDR'S	-

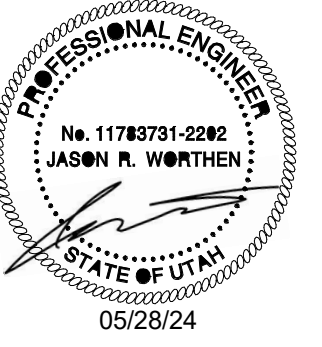
EQUIPMENT/CABLE LIST		
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS" THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS OTHERWISE SPECIFIED. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS, WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE, DATA - CATEGORY 6A F/UTP PLENUM RATED, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
7	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-306
	BLANK INSERT, WHITE	SIEMON MX-BL-02
[SPP1]	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MNG	SIEMON Z6AS-PA-48
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 5 FOOT	SIEMON ZM6A-S05-06
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 7 FOOT	SIEMON ZM6A-S07-06
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 10 FOOT	SIEMON ZM6A-S10-06

NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

GENERAL SHEET NOTES	
1.	UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
2.	PROVIDE PLENUM RATED CABLE IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE.
3.	LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
4.	THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING, WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES, BUT IS NOT LIMITED TO, ALL CABLE LABELING AND ALL EQUIPMENT LABELING.
5.	IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
6.	GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
7.	FOR EVERY PULL SPECIFIED, COIL 15 FEET OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15 FEET ABOVE THE CEILING OR BELOW THE FLOOR, WHERE APPLICABLE.
8.	PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
9.	RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF THERE IS A SYSTEM THAT HAS NO RACK SPACE AVAILABLE, PLEASE CALL BOE SAUSED0 AT 801-707-3805.
10.	COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
11.	CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. NUMBER OF SLEEVES TO BE DETERMINED AND CALCULATED BY MAXIMUM CABLE TRAY CAPACITY AT WALL PENETRATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
12.	CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (2) 4" SLEEVES PER ROOM FOR CABLE CAPACITY AND SERVICE SEPARATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
13.	CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.
14.	CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (1) SLEEVE THROUGH J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.



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Intermountain Health
McKay Dee Hospital
Pulmonary Clinic Remodel

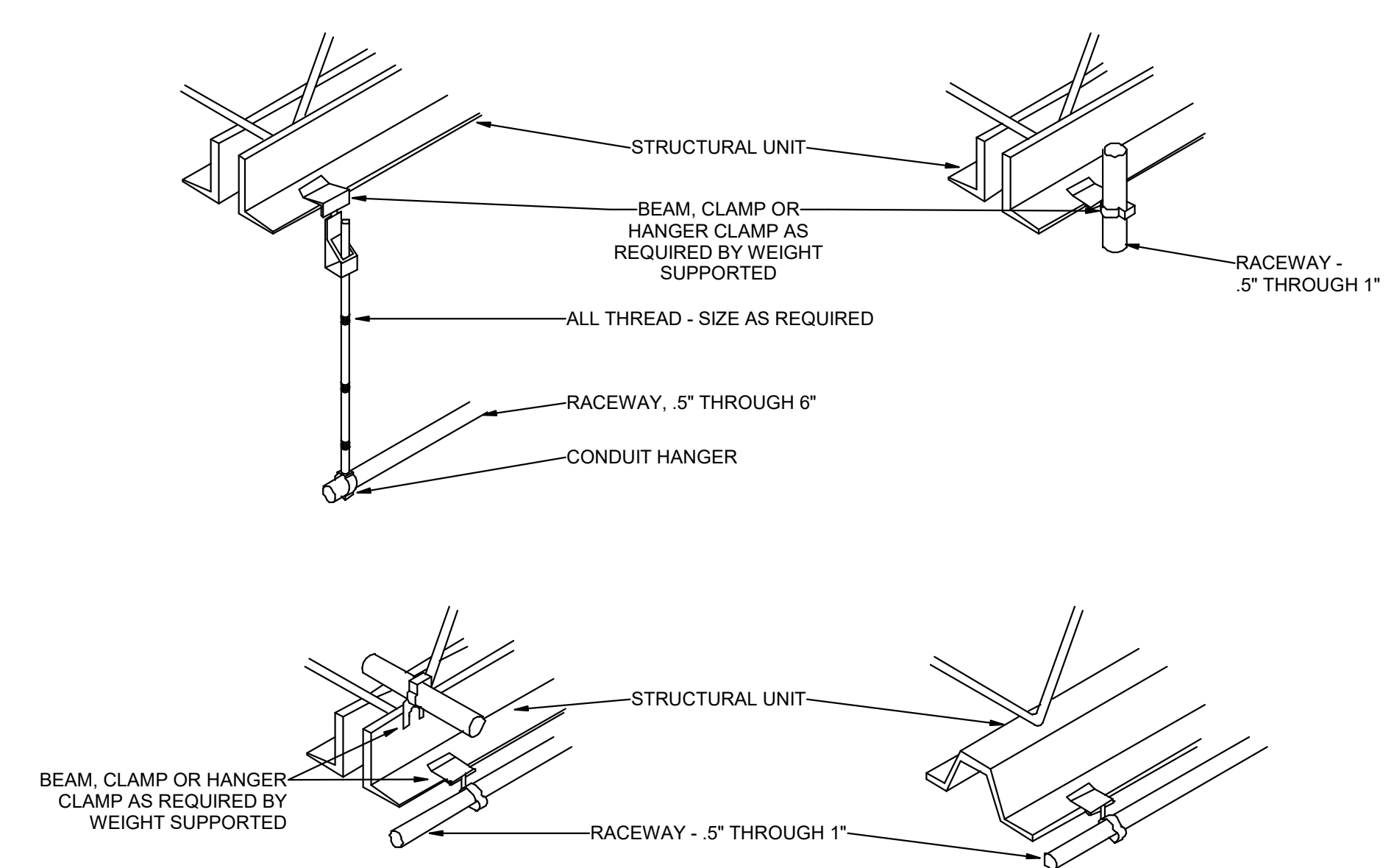
4401 Harrison Blvd
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NJRA Project # 23354.00
Construction Documents May 28, 2024

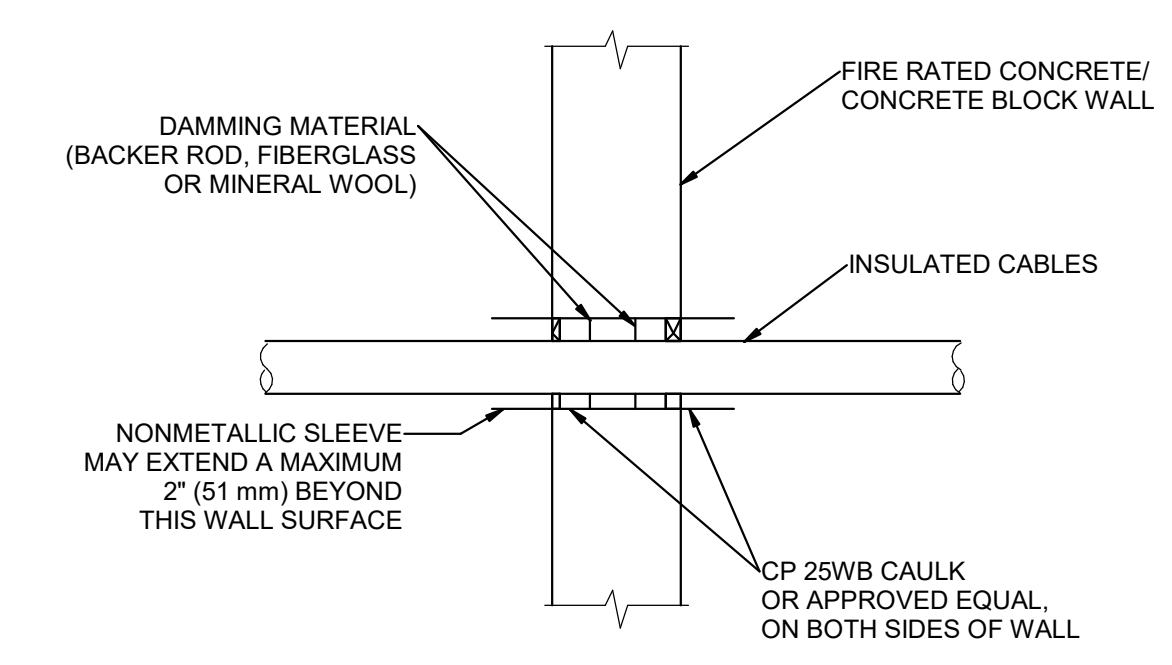
TELECOM
SCHEDULES
AND NOTES

EE002

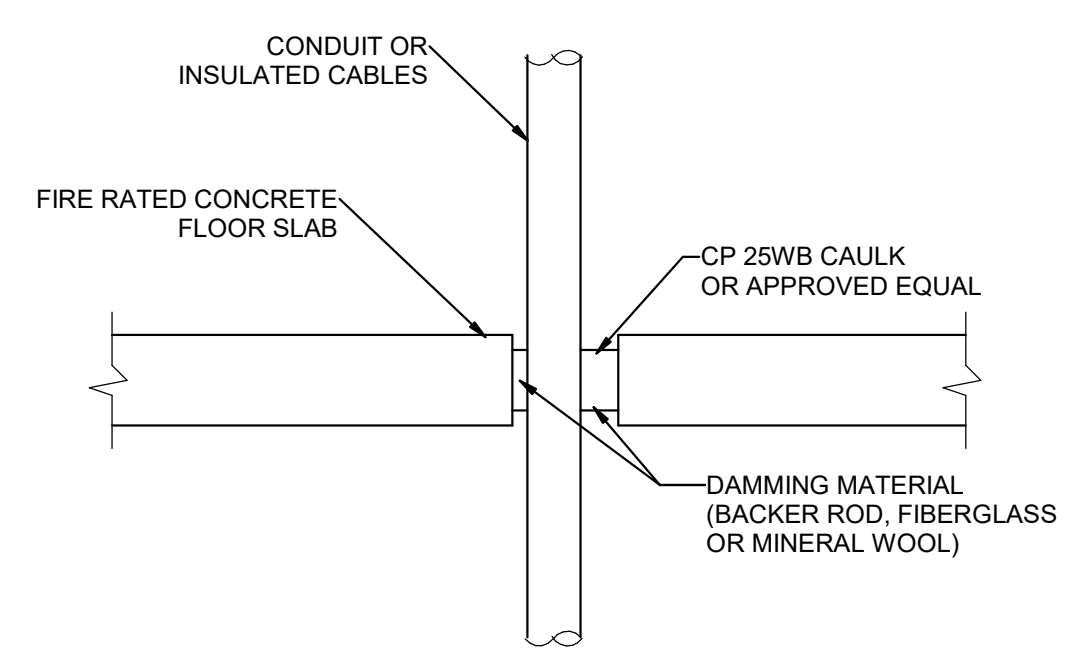
NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT
OF ANY RACEWAY HANGER SYSTEM.



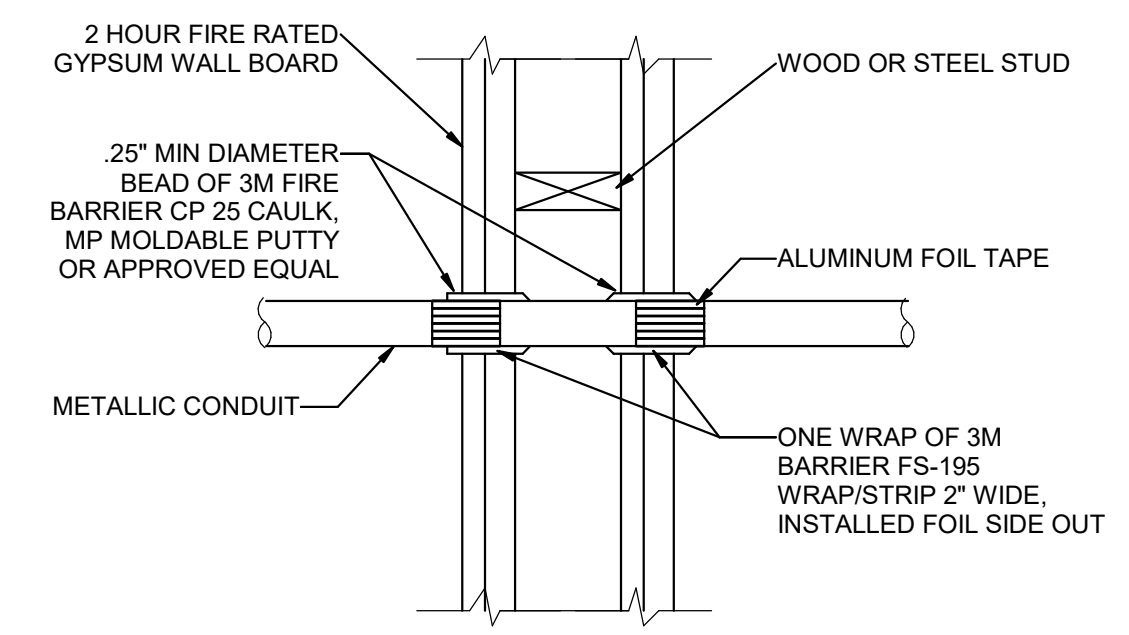
4 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: NTS



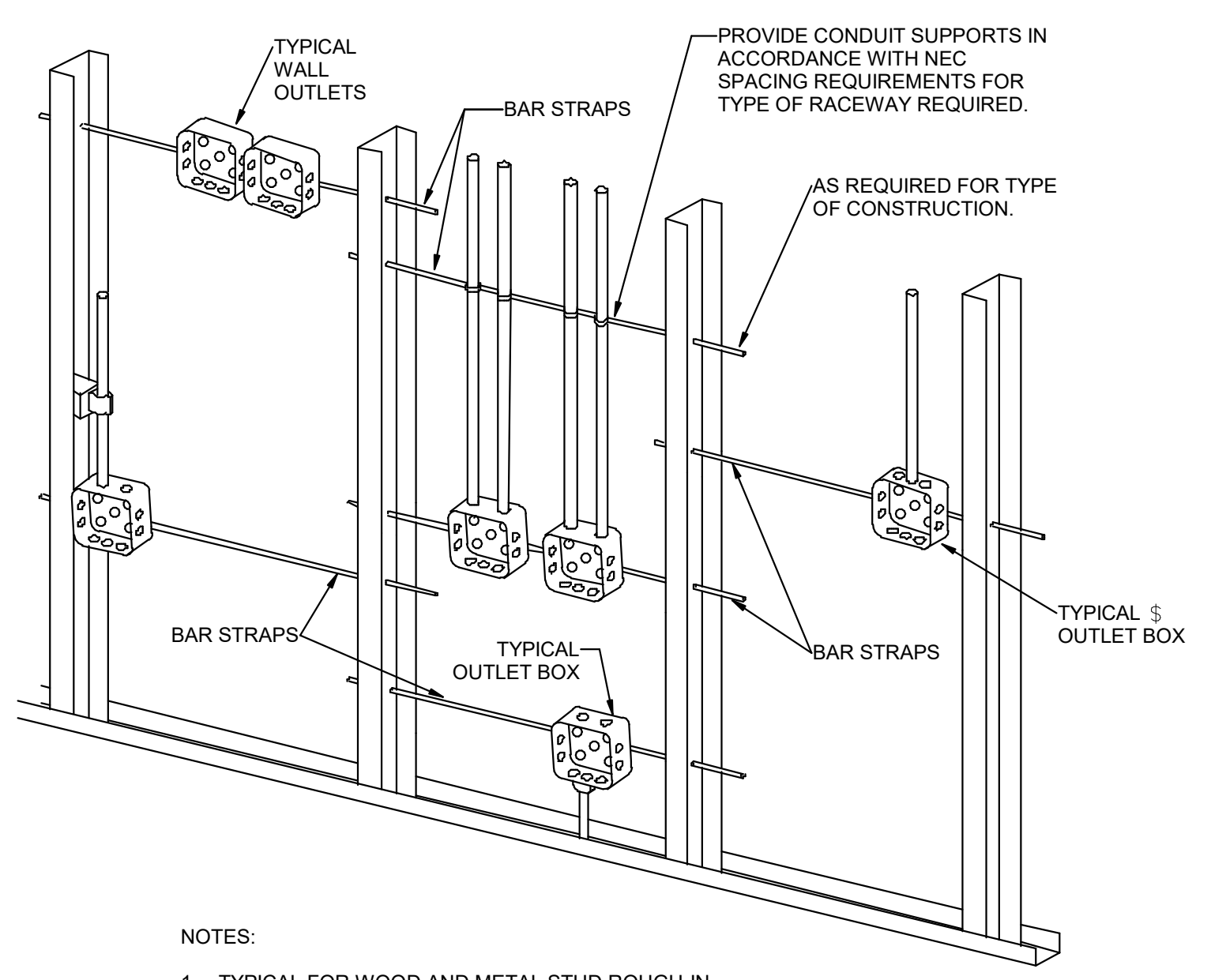
5 TYPICAL FIRE STOP FOR
CABLES/CONDUIT THROUGH
CONCRETE WALLS
SCALE: NTS



6 TYPICAL FIRE STOP FOR
CABLES/CONDUIT THROUGH
CONCRETE FLOORING
SCALE: NTS

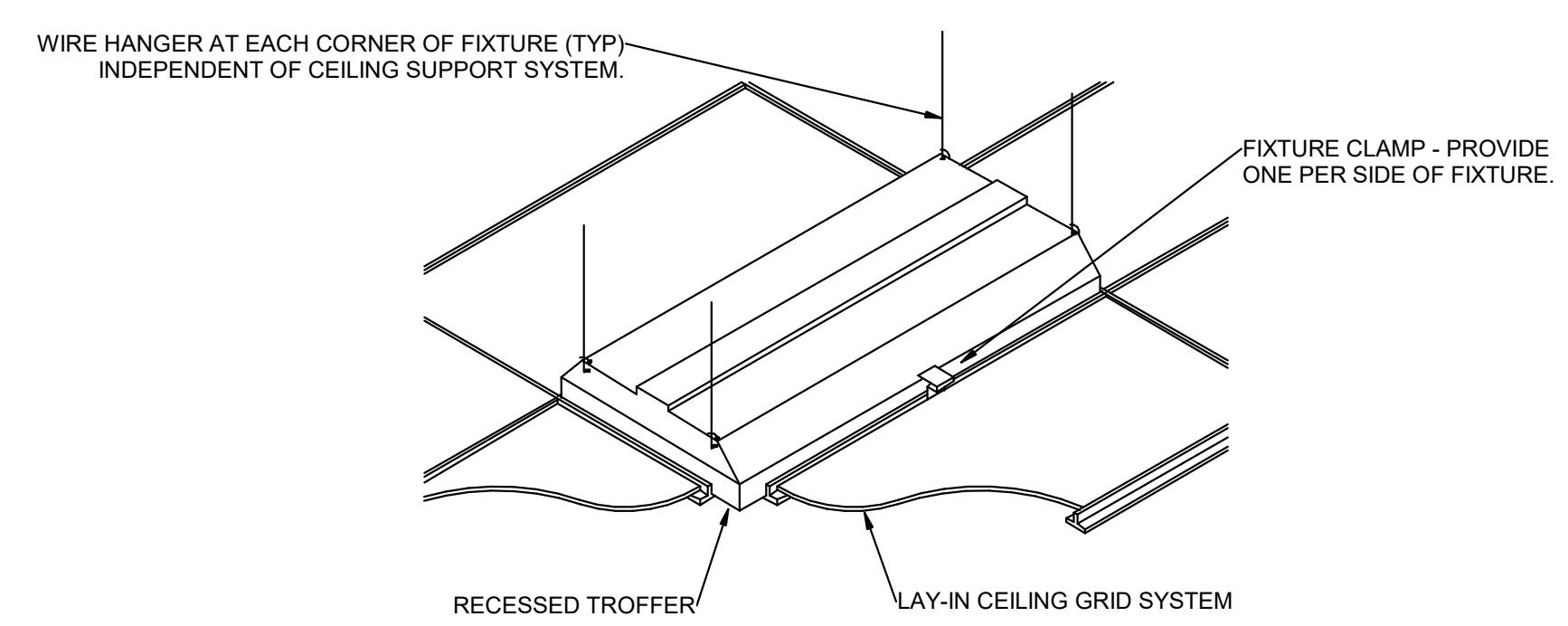


7 FIRE STOP FOR METAL CONDUIT
THROUGH GYPSUM WALL BOARD
SCALE: NTS

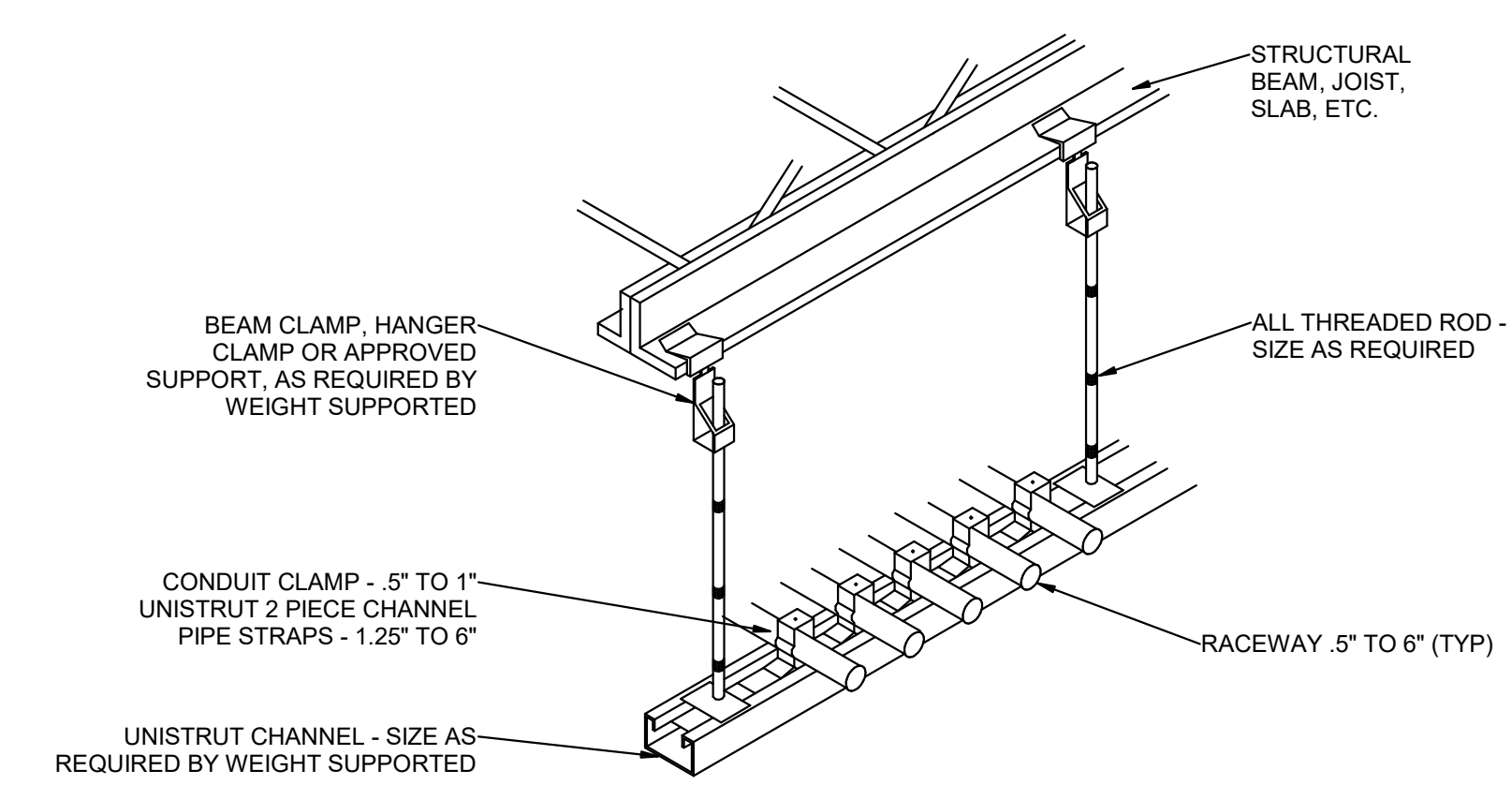


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED, SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
 5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

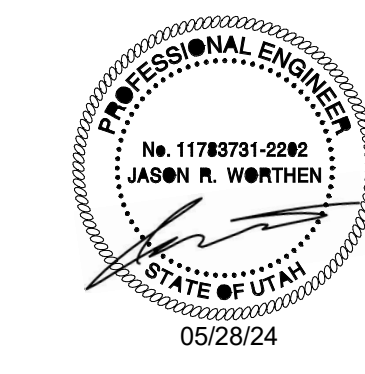
1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: NTS



2 RECESSED FIXTURE MOUNTING DETAIL
SCALE: NTS

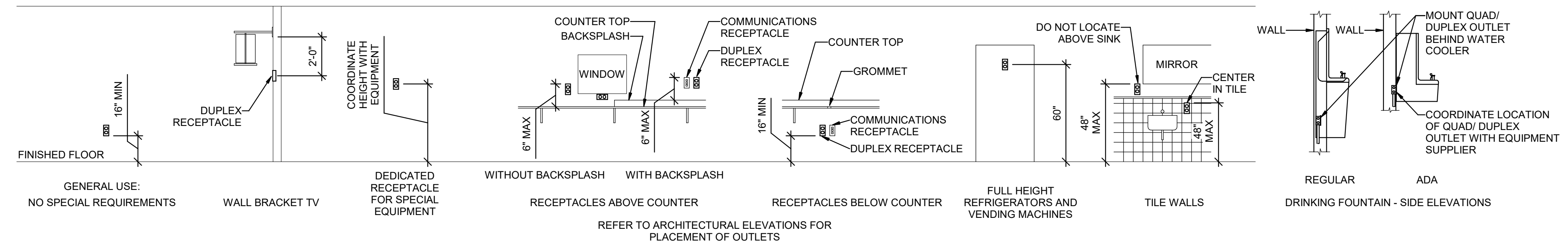


3 TYPICAL CONDUIT RACK DETAIL
SCALE: NTS



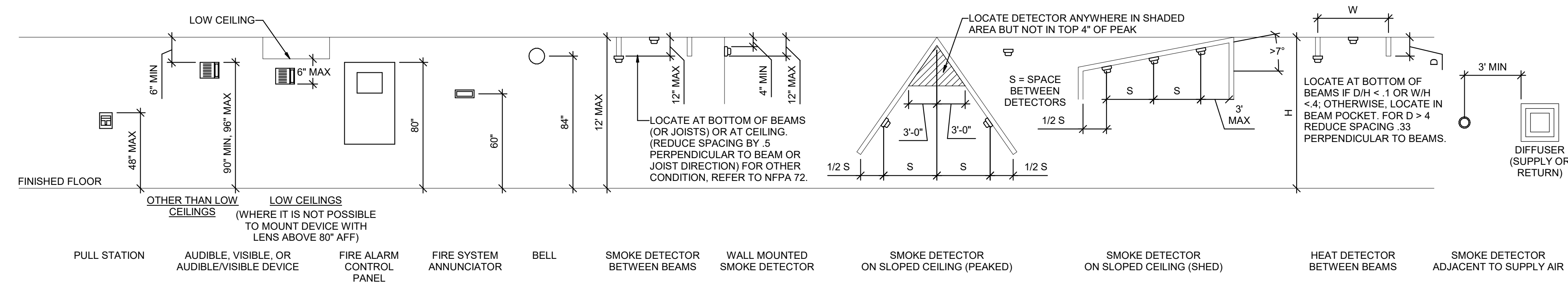
GENERAL SHEET NOTES

- MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
A - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC.)
B - EQUIPMENT SHOP DRAWINGS.
C - FIELD INSTRUCTIONS.
- LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
- MECHANICAL, ELECTRICAL AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
- MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
- SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
- LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
- VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
- LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
- WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.



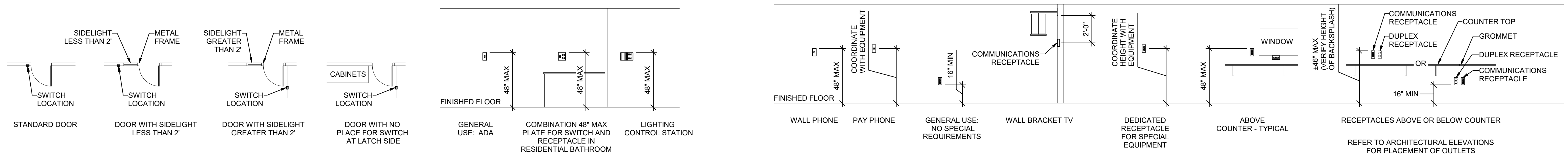
7 RECEPTACLE MOUNTING DETAILS

SCALE: NTS



6 FIRE ALARM MOUNTING DETAILS

SCALE: NTS

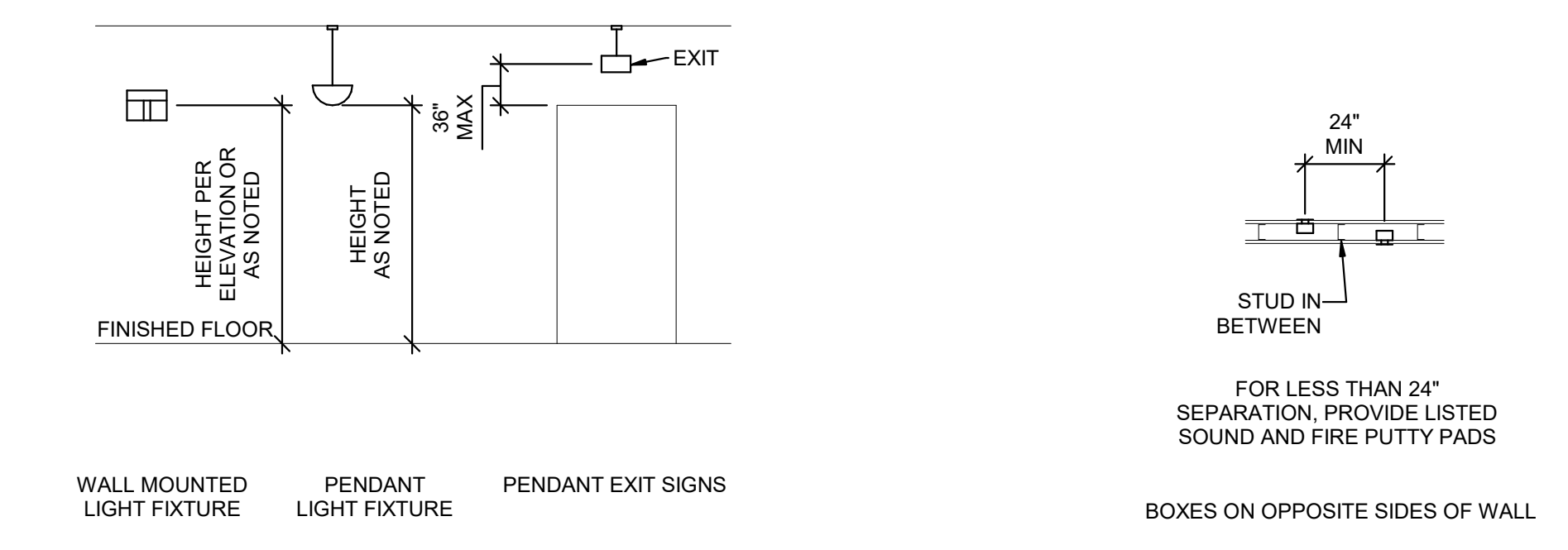


4 SWITCH MOUNTING DETAILS

SCALE: NTS

5 COMMUNICATIONS MOUNTING DETAILS

SCALE: NTS

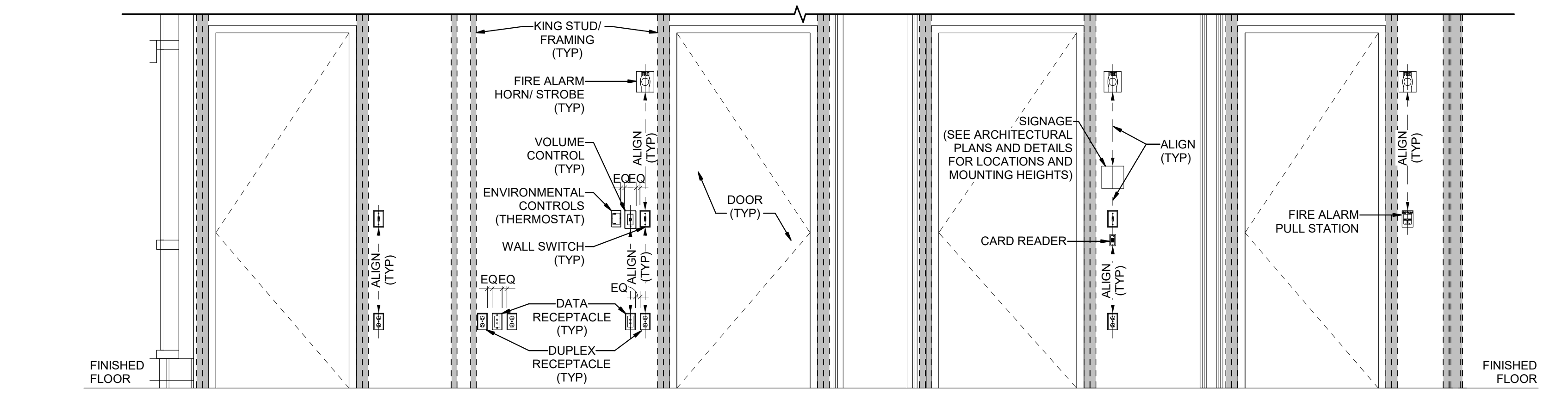


1 LIGHTING MOUNTING DETAILS

SCALE: NTS

2 BOX MOUNTING DETAILS

SCALE: NTS



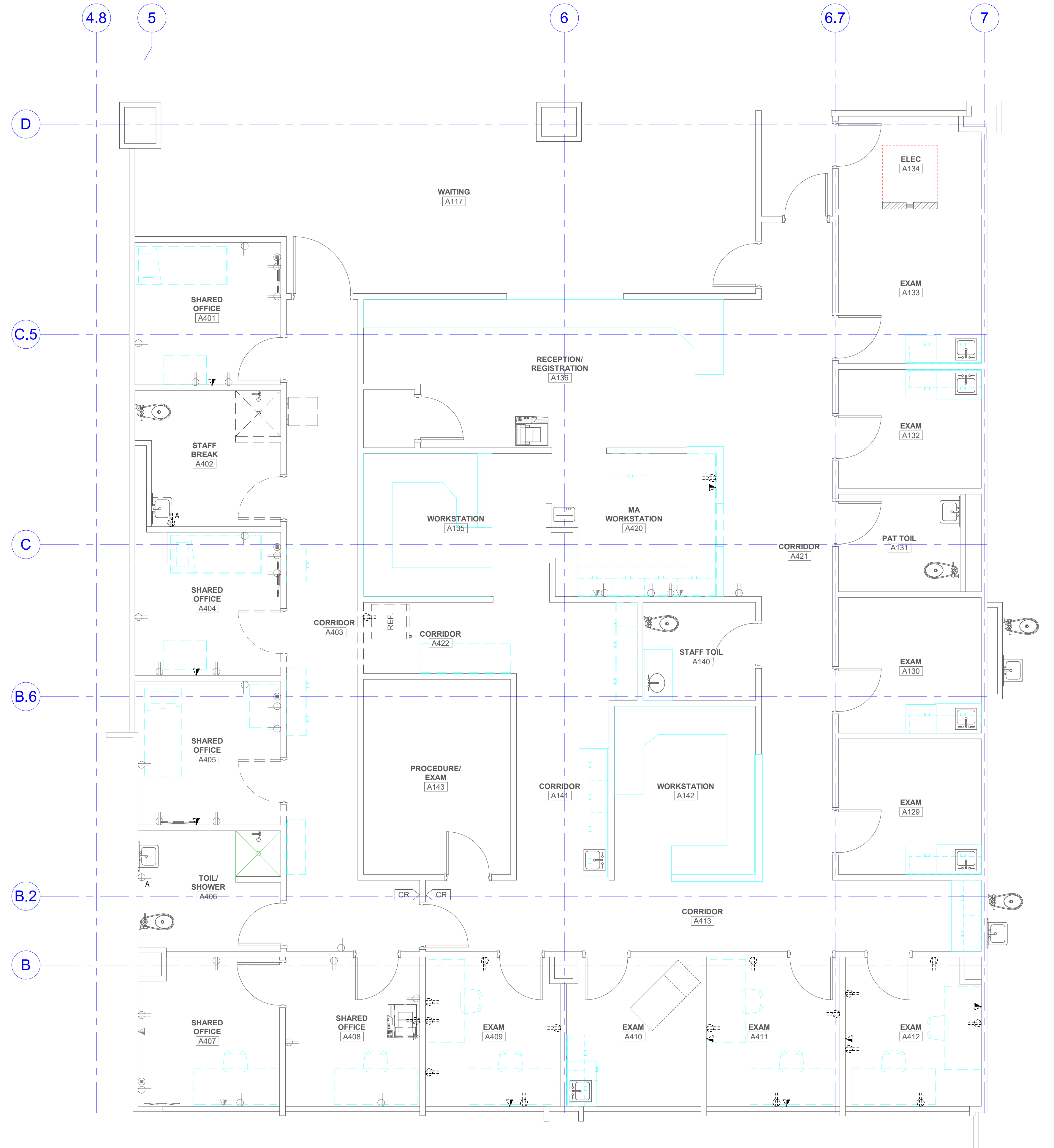
3 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS

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1 LEVEL 4 POWER DEMOLITION PLAN

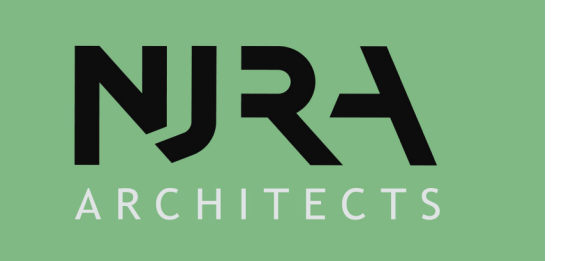
SCALE: 1/4" = 1'-0"



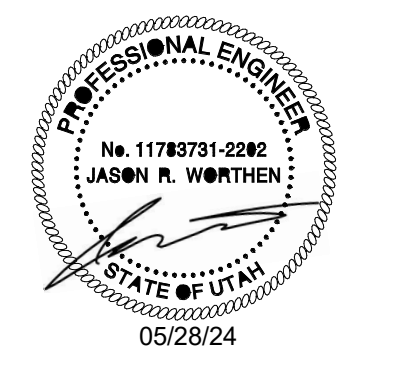
GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 11 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 12 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 13 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.

SHEET KEYNOTES



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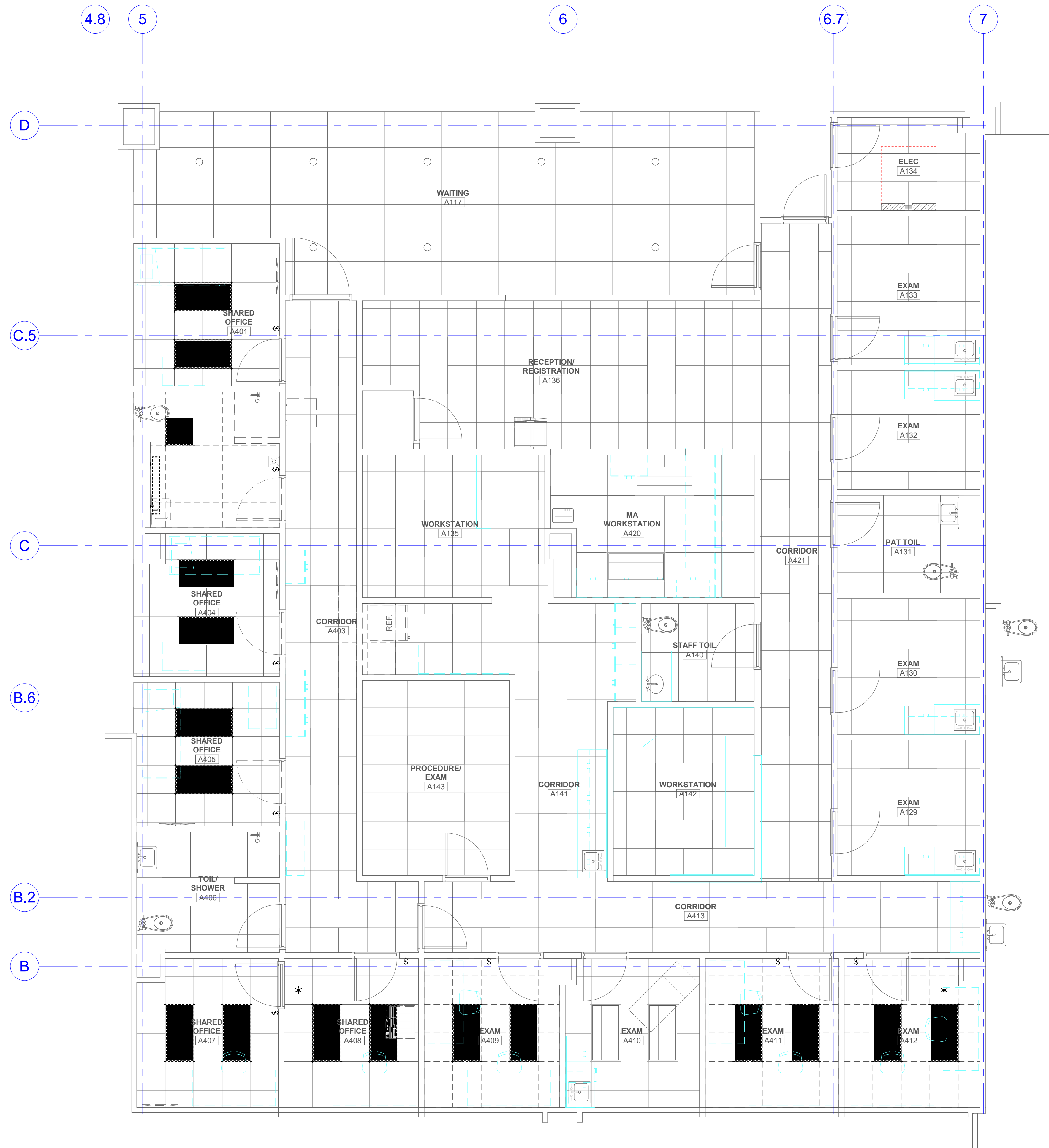
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NJRA Project # 23354.00
Construction Documents May 28, 2024

LEVEL 4
ELECTRICAL
DEMOLITION
PLAN

ED101

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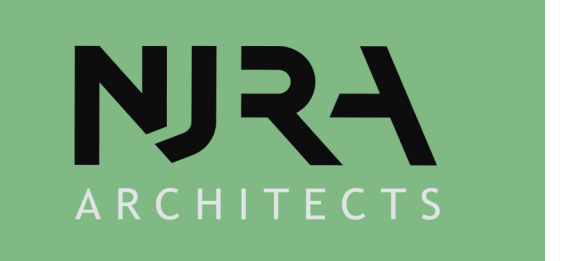


1 LEVEL 4 CEILING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

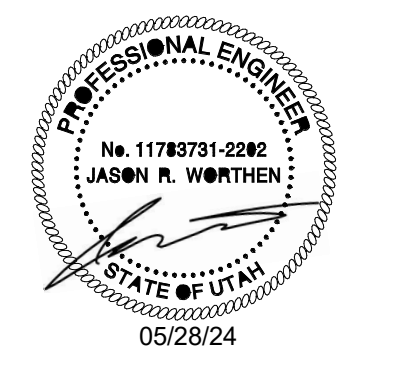
GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 11 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 12 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 13 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.

SHEET KEYNOTES



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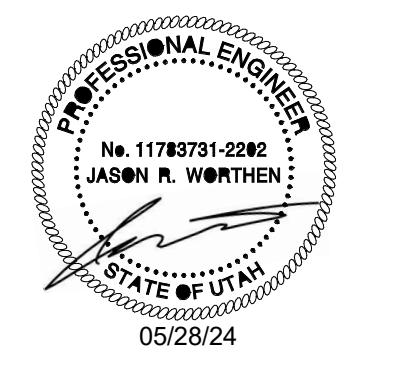
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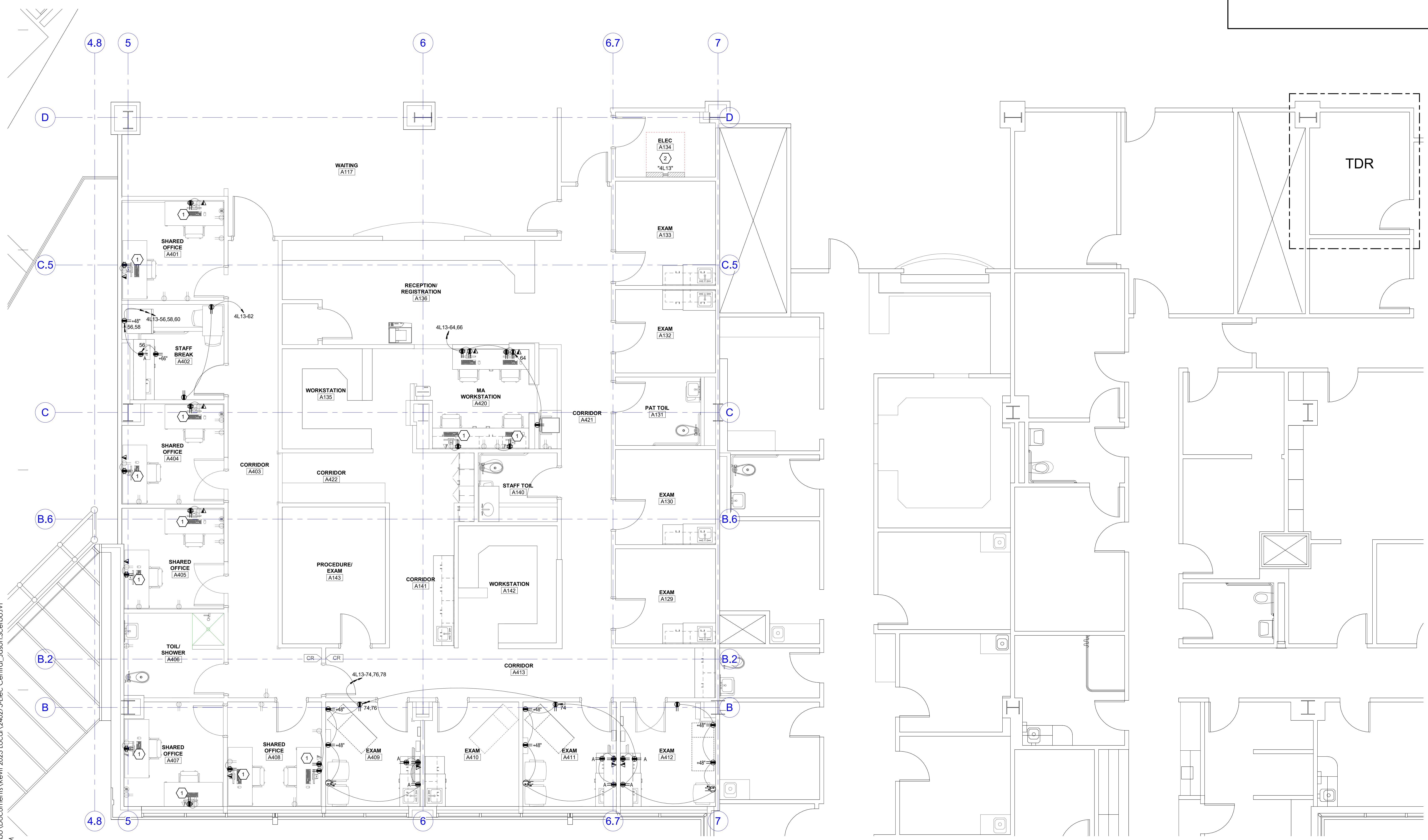
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LEVEL 4
CEILING
DEMOLITION
PLAN
ED102



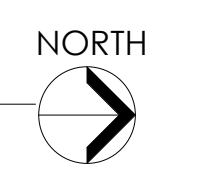
GENERAL SHEET NOTES	
1	PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
2	ALL RECEPTACLES LOCATED WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
3	PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY THE PROJECT.
4	ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES	
1	CONNECT TO EXISTING RECEPTACLE CIRCUIT.
2	PROVIDE THREE NEW 20A/1P CIRCUIT BREAKERS IN EXISTING SQUARE D PANELBOARD, 10K AIC.



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1 LEVEL 4 POWER PLAN
SCALE: 1/4" = 1'-0"



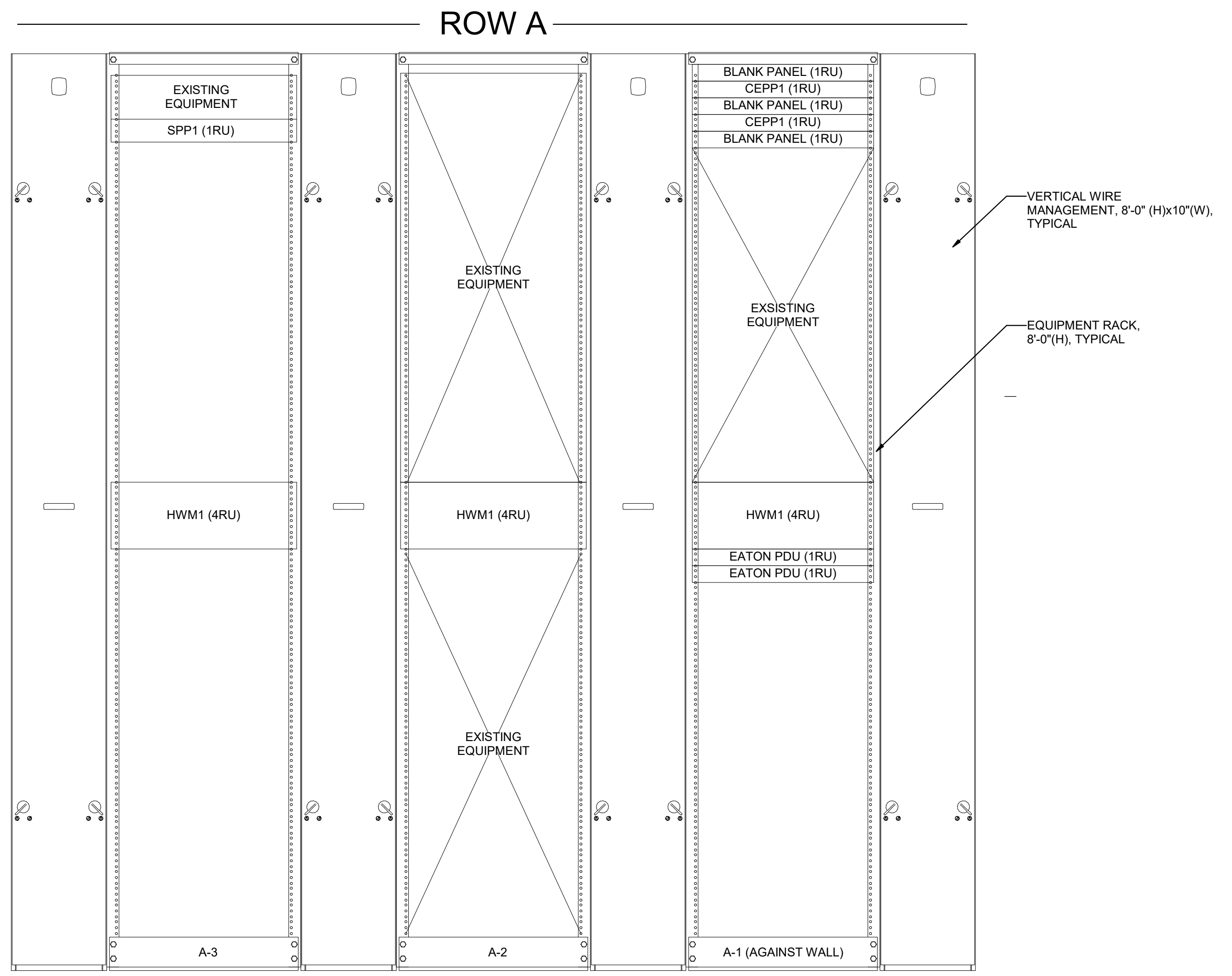
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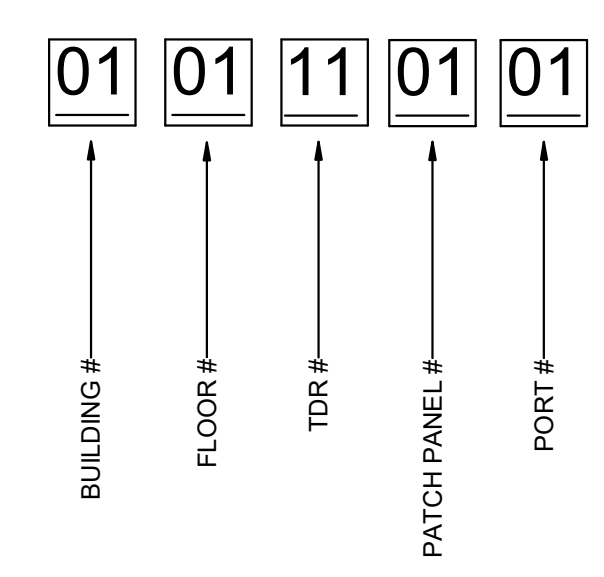
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**LEVEL 4
POWER PLAN**

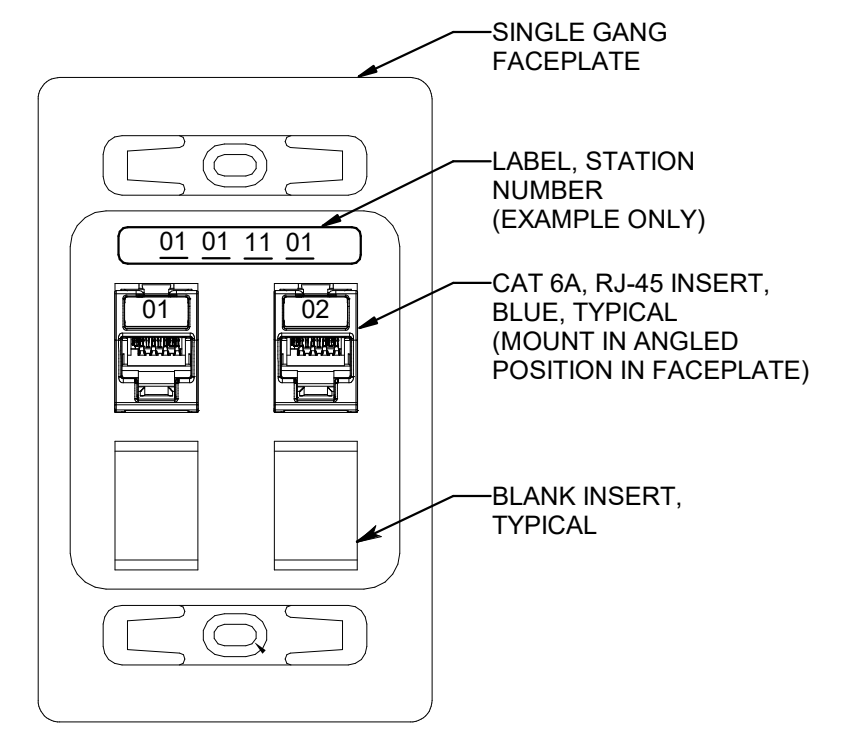
EP101



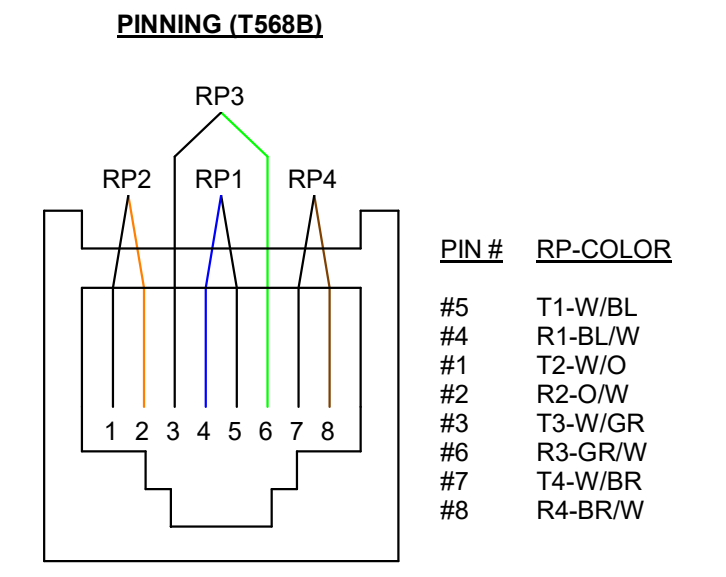
5 TYPICAL 2-POST EQUIPMENT RACK ELEVATION
SCALE: NTS



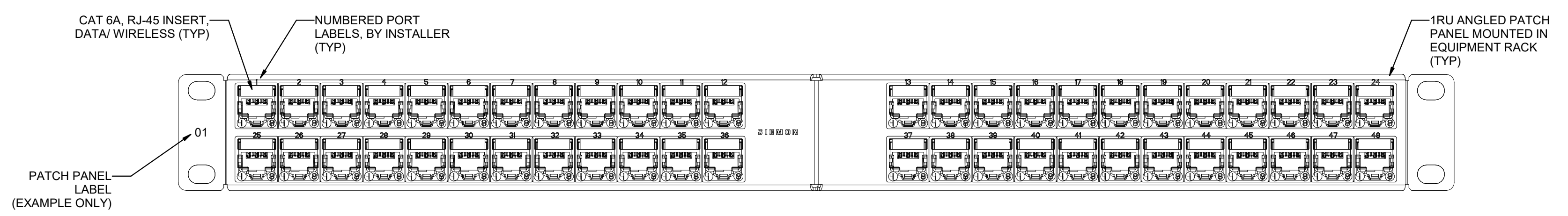
2 TYPICAL CABLE ID EXAMPLE DETAIL
SCALE: NTS



3 TYPICAL 2-PORT WALL DATA OUTLET
SCALE: NTS



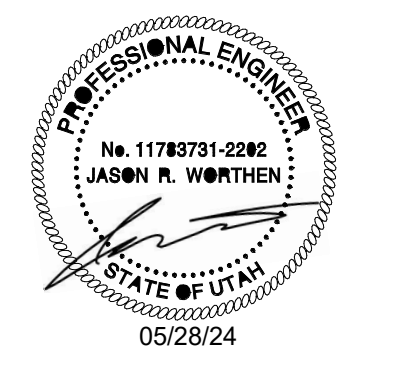
4 TYPICAL VOICE/DATA OUTLET PINNING DETAIL
SCALE: NTS



1 STATION PATCH PANEL, SPP1, SIEMON, ANGLED
SCALE: NTS



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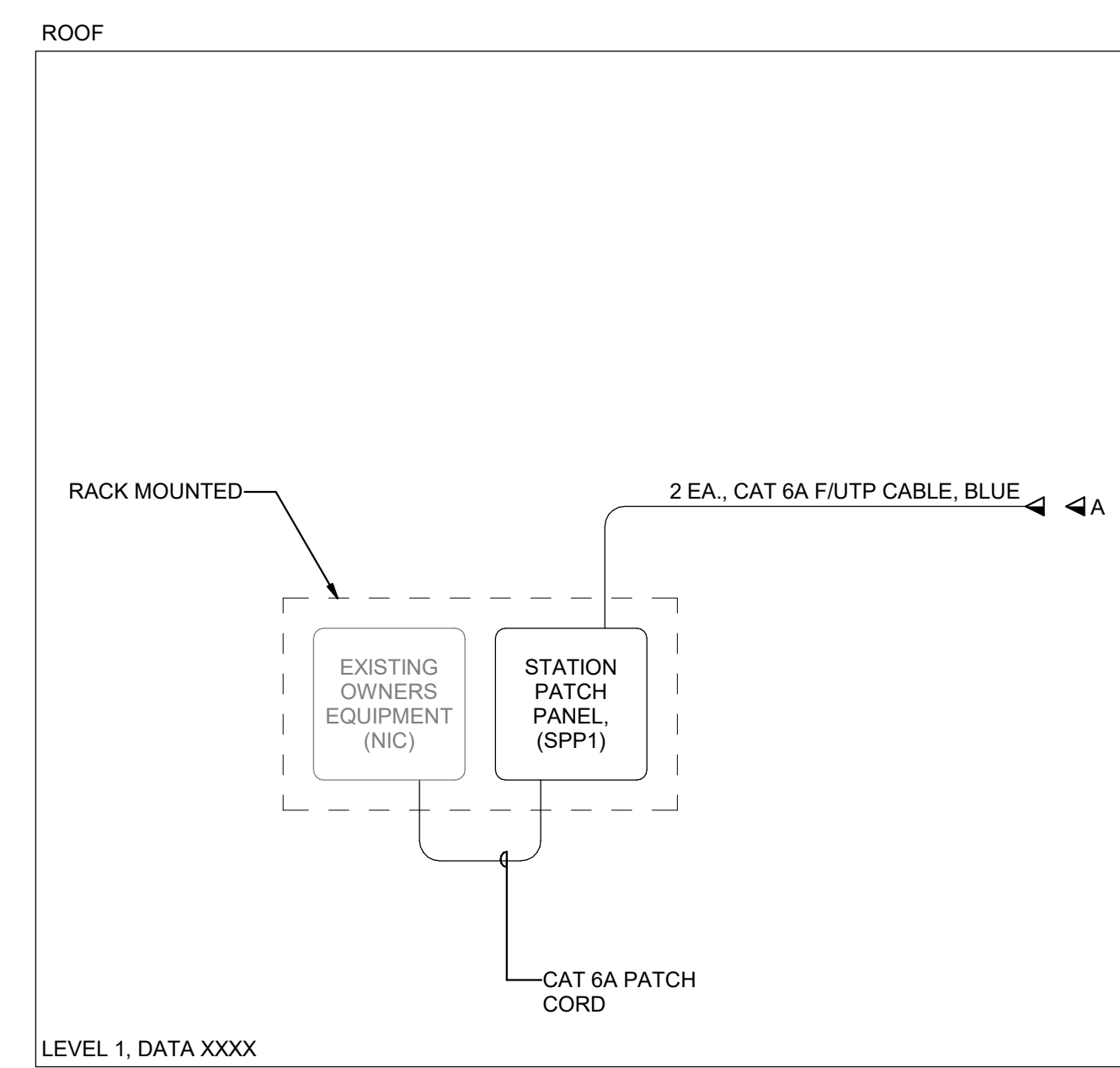
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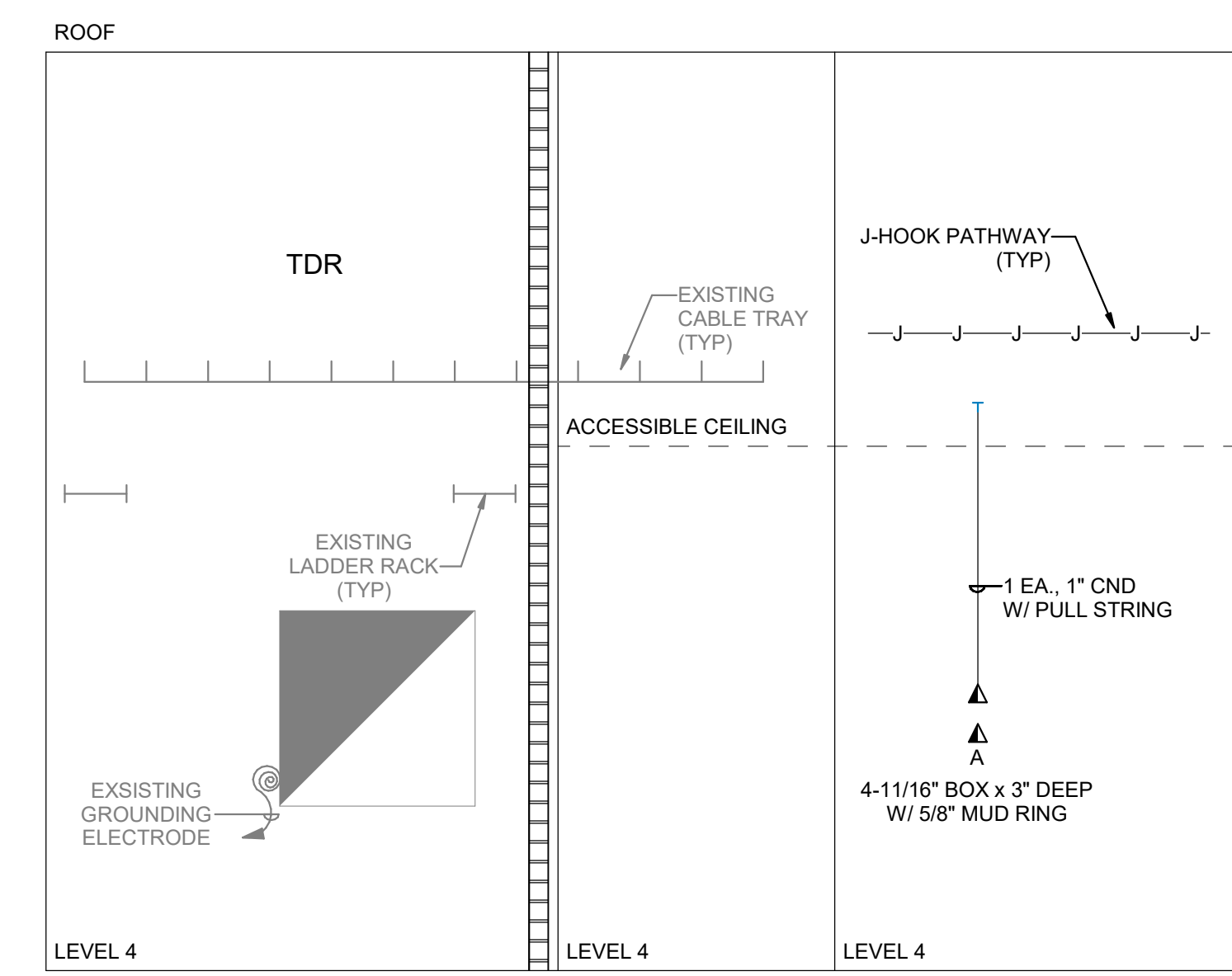
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TELECOM
 CONDUIT
 RISER
 DIAGRAM

EP650



1 TELECOM CABLE RISER DIAGRAM
 SCALE: 1/8" = 1'-0"



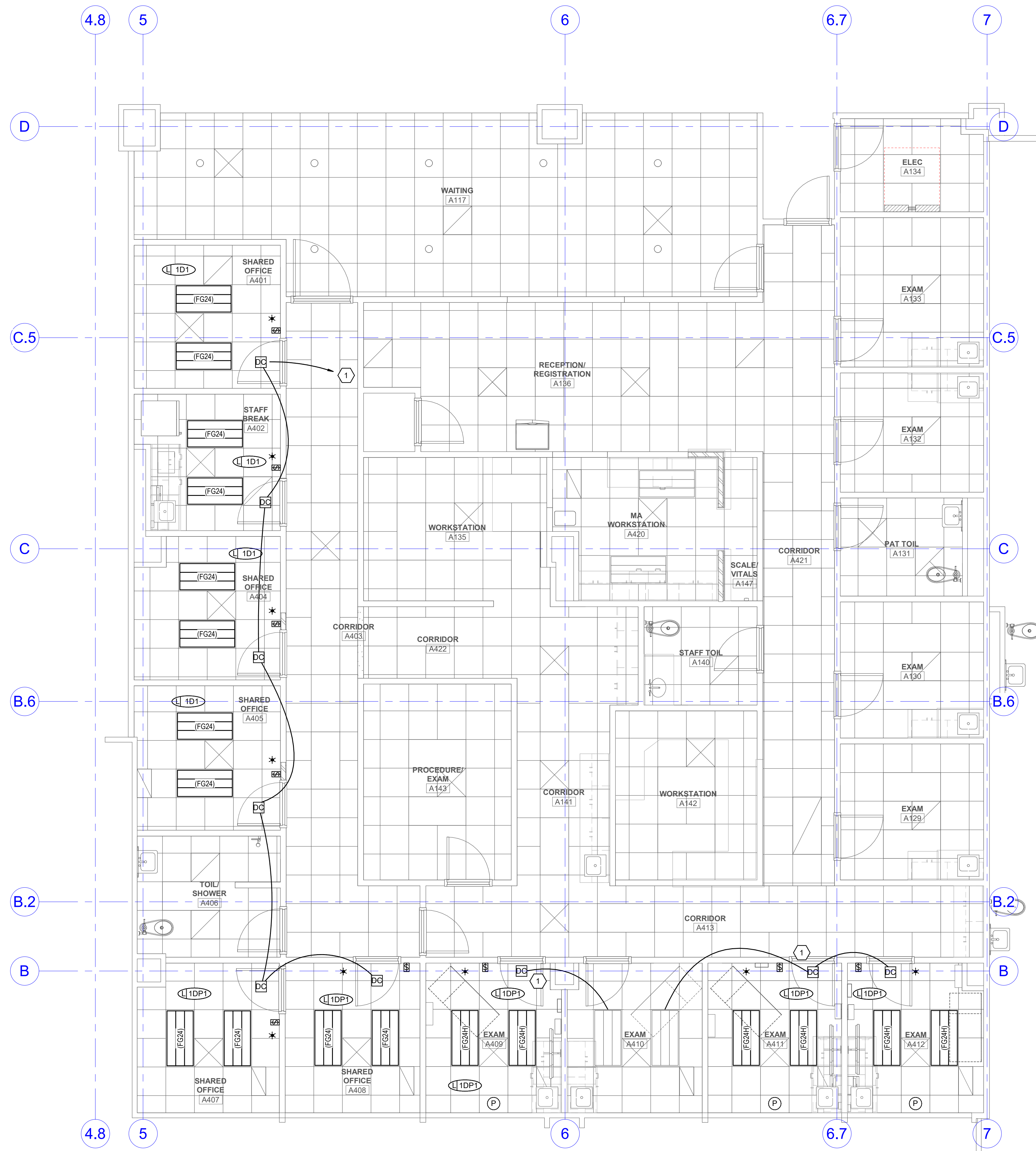
2 TELECOM CONDUIT RISER DIAGRAM
 SCALE: 1/8" = 1'-0"

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1 LEVEL 4 LIGHTING PLAN

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



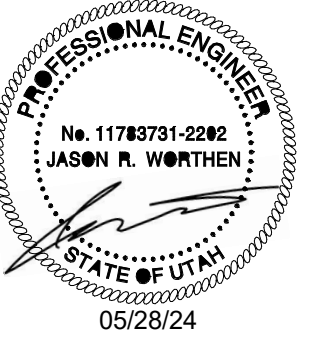
GENERAL SHEET NOTES

SHEET KEYNOTES

1 CIRCUIT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT.



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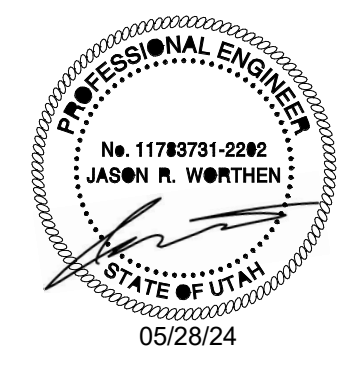
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LEVEL 4
LIGHTING
PLAN

EL101



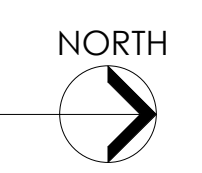
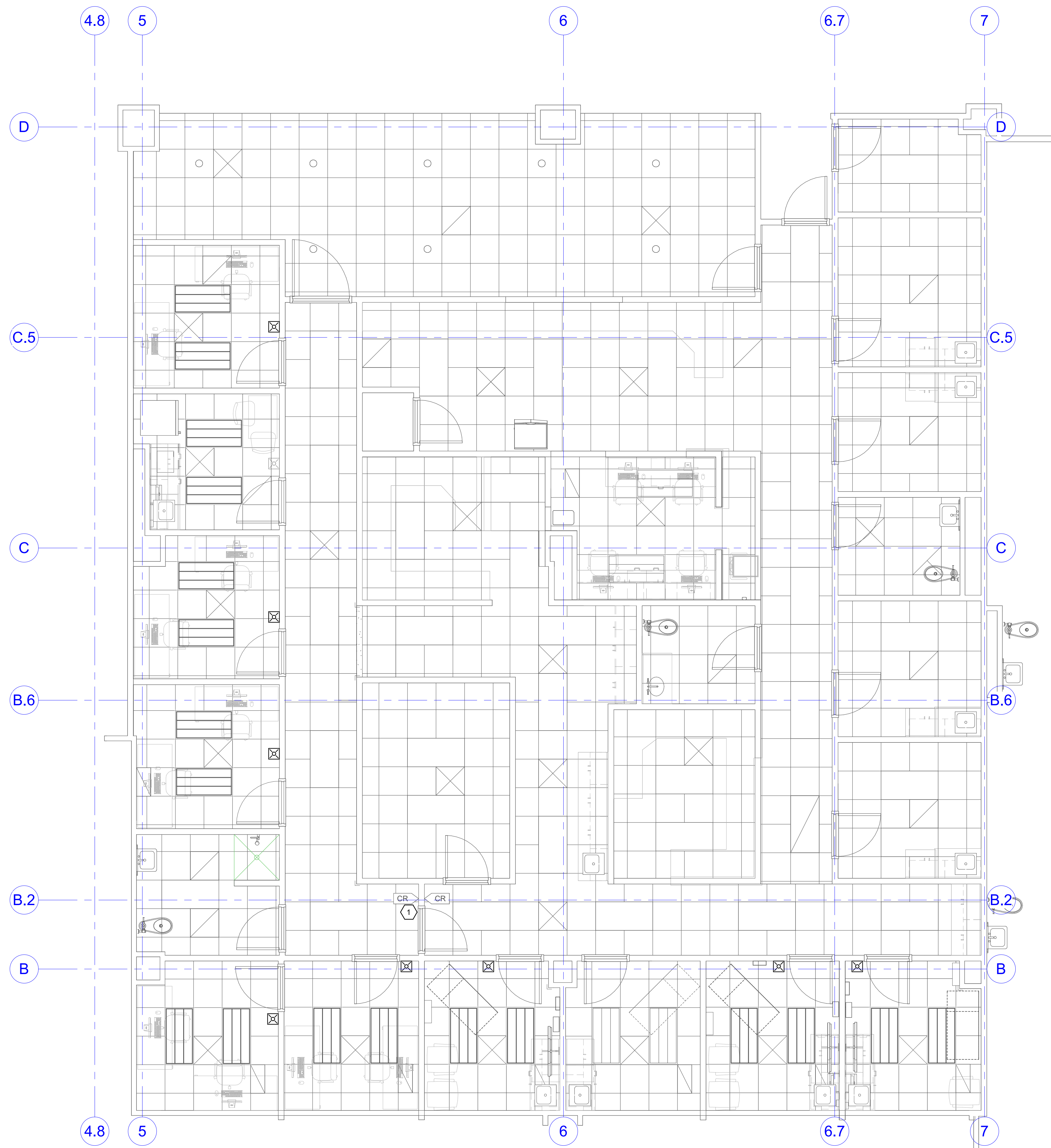


INTERIOR LIGHTING FIXTURE SCHEDULE										
GENERAL NOTES										
		<ol style="list-style-type: none"> SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING. THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES. 								
ID	DESCRIPTION	SIZE (NOMINAL)	DELIVERED DIRECT LUMENS	DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	TYPE	VOLTAGE	WATTS	MANUFACTURER (CATALOG SERIES)
(FG24)	DESCRIPTION: 2' X 4' LED FLAT PANEL, GRID LAY-IN MOUNTING, CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	4,300		3500K		0-10V DIMMING (1%)	120/277	50	DAYBRITE (2FP243L8354DSUNV DIM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)
(FG24H)	DESCRIPTION: 2' X 4' LED FLAT PANEL, GRID LAY-IN MOUNTING, CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	6,700		4000K		0-10V DIMMING (1%)	120/277	60	DAYBRITE (FGR24T3560WUNV DRY SILVER WHITE) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)

LIGHTING/SPACE CONTROL TYPE SCHEDULE																			
WIRING LEGEND		APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENERAL NOTES										GENERAL NOTES					
LINE VOLTAGE WIRING 0-10V WIRING CATSE CABLING WIRING BY OTHERS TMP SEGMENT NETWORK CABLING		1. WATTSTOPPER (BASIS OF DESIGN) 2. NLIGHT 3. HUBBELL BUILDING AUTOMATION 4. GREENGATE	1. # = NUMBER OF ZONES 2. D = DIMMING, S = SWITCHING 3. P = DAYLIGHT PHOTOCELL 4. L = PLUG LOAD CONTROLLER 5. # = INSTANCE	<ol style="list-style-type: none"> COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH. LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST. 										<ol style="list-style-type: none"> REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL. 					
ID	DETAIL	LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF"/"LOWER"	-	-	-	-	-	-	-	-	-
1DP1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF"/"LOWER"	-	-	-	-	-	-	-	-	-

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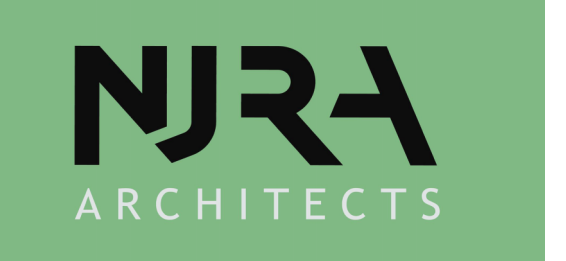
1 LEVEL 4 AUXILIARY PLAN
SCALE: 1/4" = 1'-0"



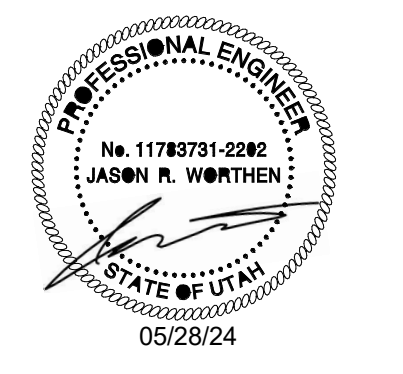
GENERAL SHEET NOTES

SHEET KEYNOTES

- 1 CONTRACTOR TO COORDINATE WITH OWNER'S SECURITY TEAM TO DEACTIVATE THESE CARD READERS TO ALLOW FREE ACCESS IN BOTH DIRECTIONS.



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**LEVEL 4
AUXILIARY
PLAN**

EY101