

Intermountain Healthcare
Primary Children's Hospital
OR 17

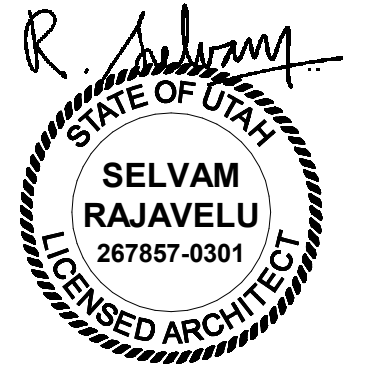
100 Mario Capechi Dr
 Salt Lake City, UT 84113

Construction Documents

DESIGN TEAM	
ARCHITECT NJRA Architects, Inc. 5272 South College Drive, Suite 104 Murray, Utah 84123 Phone: 801.364.9259 Contacts: Project Architect: Selvam Rajavelu Project Manager: Sourabh Sinha Email: sousing@njraarchitects.com	
MECHANICAL ENGINEER Spectrum Engineers 324 S State St, Suite 400 Salt Lake City, Utah 84111 Phone: 801.328.5151 Contacts: Project Manager: Monica Downing Email: monica.downing@speceng.com	
ELECTRICAL ENGINEER Spectrum Engineers 324 S State St, Suite 400 Salt Lake City, Utah 84111 Phone: 801.328.5151 Contacts: Project Manager: Jason Worthen Email: jason.worthen@speceng.com	
STRUCTURAL ENGINEER Reaveley Engineers 675 East 500 South, Suite 400 Salt Lake City, Utah 84102 Phone: 801.466.3883 Contacts: Project Manager: Dorian Adams Email: dadams@reaveley.com	



NJRA Architects, Inc.
 5223 S. Ascension Way, Suite 350
 Murray, Utah 84123
 801.364.9259
 www.njraarchitects.com



Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capechi Dr
 Salt Lake City, UT 84113

NJRA Project # 23248.00
 Construction Documents April 17, 2024

Cover Sheet

G001

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...

- 1 ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS... 2 ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS... 3 ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED...

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK: A. REMODEL OF EXISTING SHELLED SPACE AT PRIMARY CHILDREN'S HOSPITAL - OR DEPARTMENT TO CREATE NEW 543 SQ FT OPERATING ROOM...

APPROVALS

Approver Name, Title Date

Approver Name, Title Date

Approver Name, Title Date

Approver Name, Title Date

VICINITY MAP



DRAWING INDEX

- GENERAL: G001 Cover Sheet, G002 General Information, G003 General Information... ARCHITECTURAL: A121 Demolition Floor Plan Level 2 - Overall, A122 Floor Plan Level 2 - Overall...

INFECTION CONTROL RISK ASSESSMENT

Table with columns for Infection Control Risk Group (Lowest, Medium, High, Highest) and Construction Activity Type (A, B, C, D).

ABBREVIATIONS

Large table of abbreviations including categories like ACOUSTIC, AIR CONDITIONING, ALUMINUM, ANCHOR BOLT, ARCHITECT (URAL), ASPHALT, etc.

DEFERRED SUBMITTALS

- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER... 1. DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS...

SPECIAL INSPECTIONS

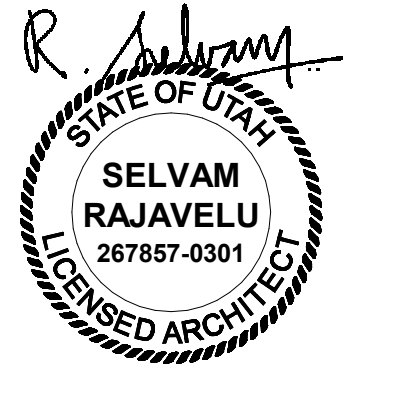
SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTIONS REQUIRED.

DEFINITIONS

- 1. GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT. 2. "APPROVED": WHEN USED TO CONVEY ARCHITECTS ACTION ON CONTRACTOR'S SUBMITTALS...



NJRA Architects, Inc. 5223 S. Ascension Way, Suite 350 Murray, Utah 84123 801.364.9259 www.njraarchitects.com



Intermountain Healthcare Primary Children's Hospital OR 17

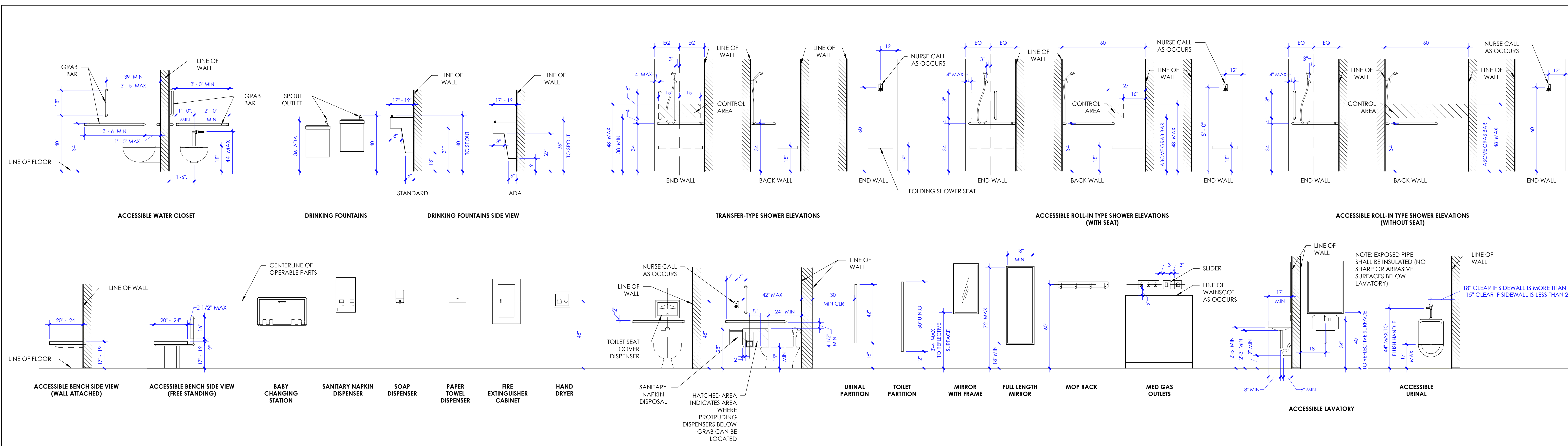
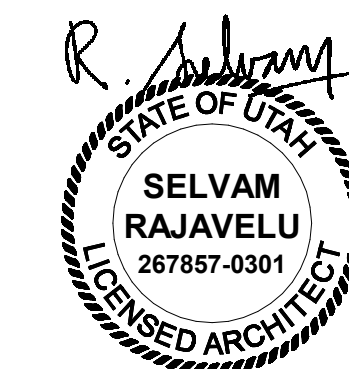
100 Mario Capechi Dr. Salt Lake City, UT 84113

NJRA Project # Construction Documents 23248.00 April 17, 2024

General Information

G002

4/18/2024 5:11:50:04 PM



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"> A: PROJECT AREA 100: SHEET NUMBER SEQUENCE A: SHEET TYPE 0: DISCIPLINE 	<p>ROOM TAG</p> <p>ROOM NAME: OFFICE 4</p> <p>ROOM COUNT DESIGNATION: 155 SF</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 1/A506A</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

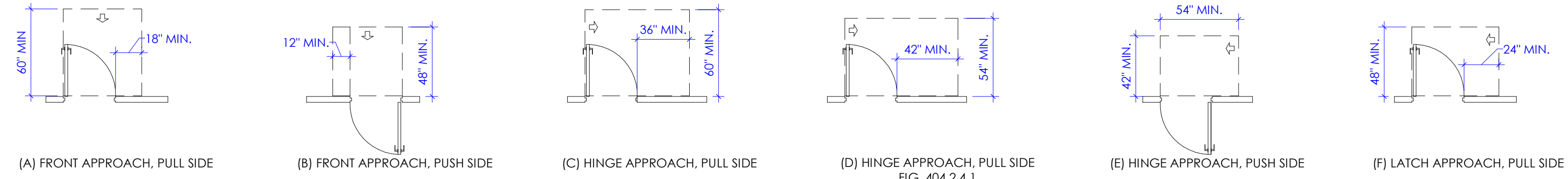
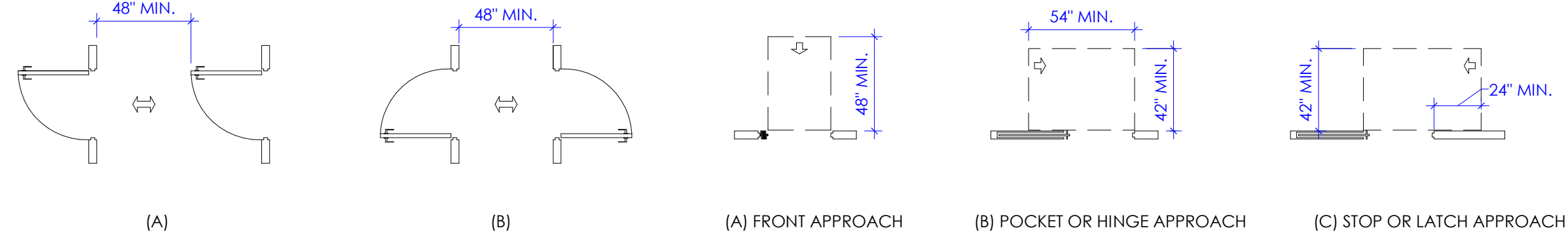
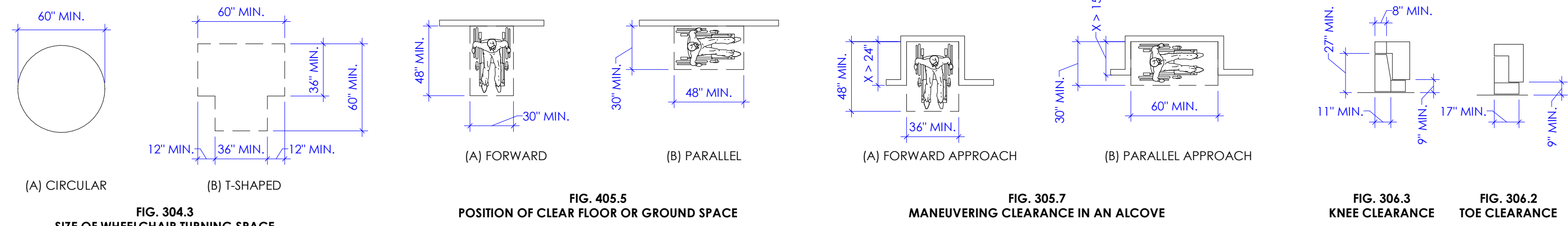


FIG. 404.2.4 TWO DOORS IN A SERIES

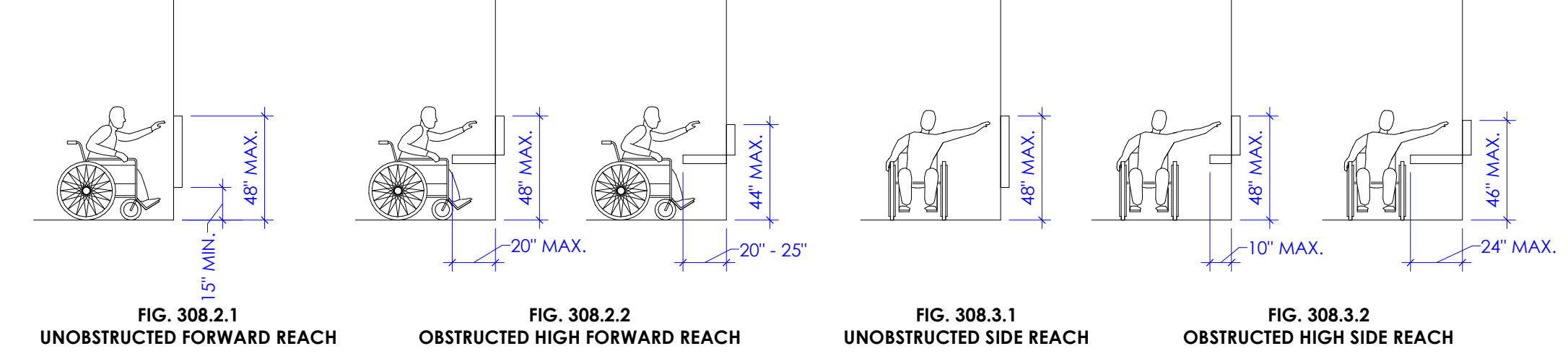
FIG. 404.2.2 MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



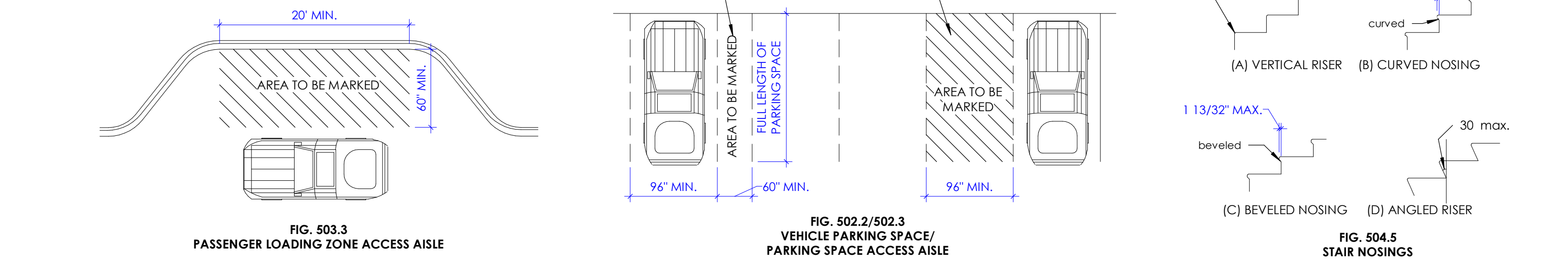
CLEAR FLOOR SPACE



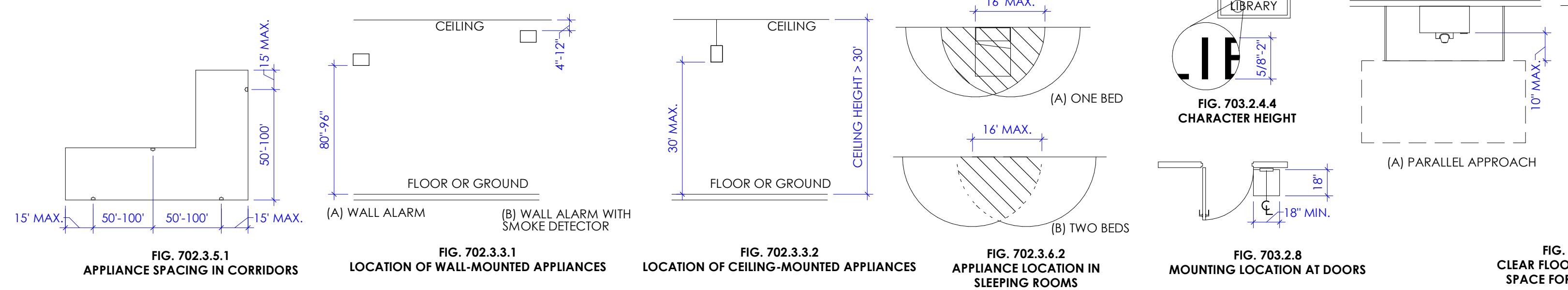
REACH RANGES



GENERAL SITE AND BUILDING ELEMENTS

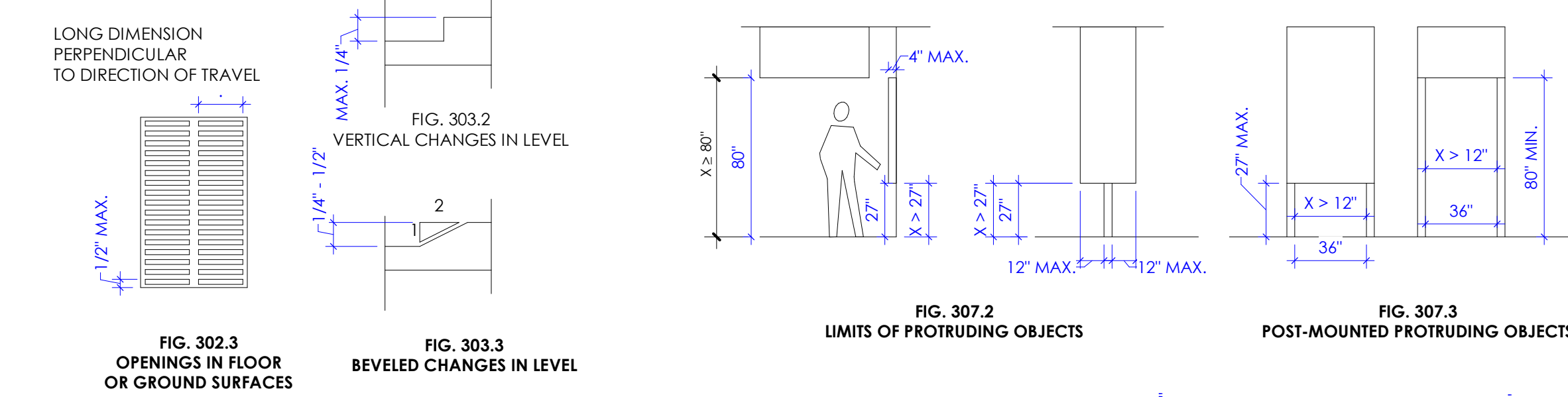


COMMUNICATION ELEMENTS AND FEATURES

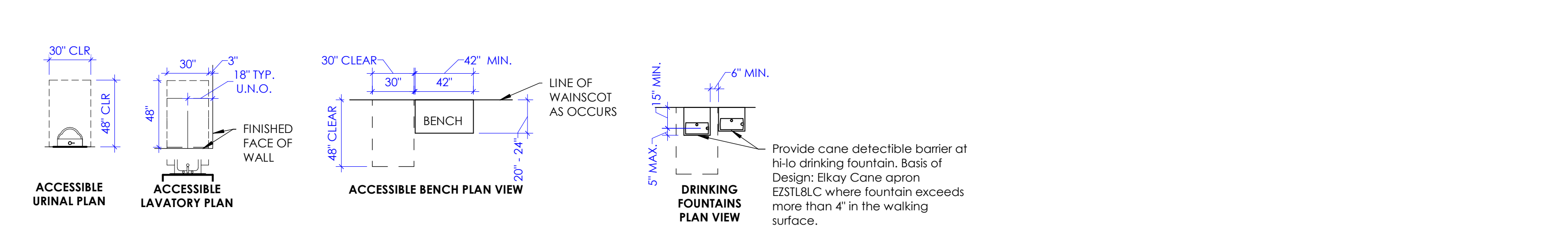
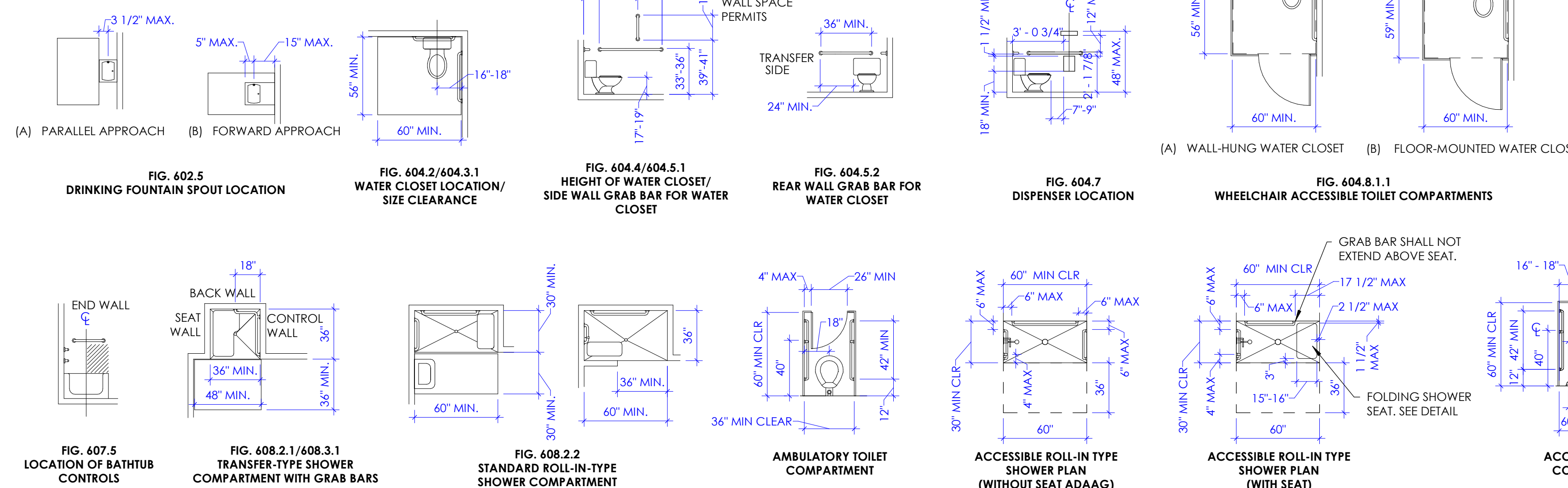


BUILDING BLOCKS

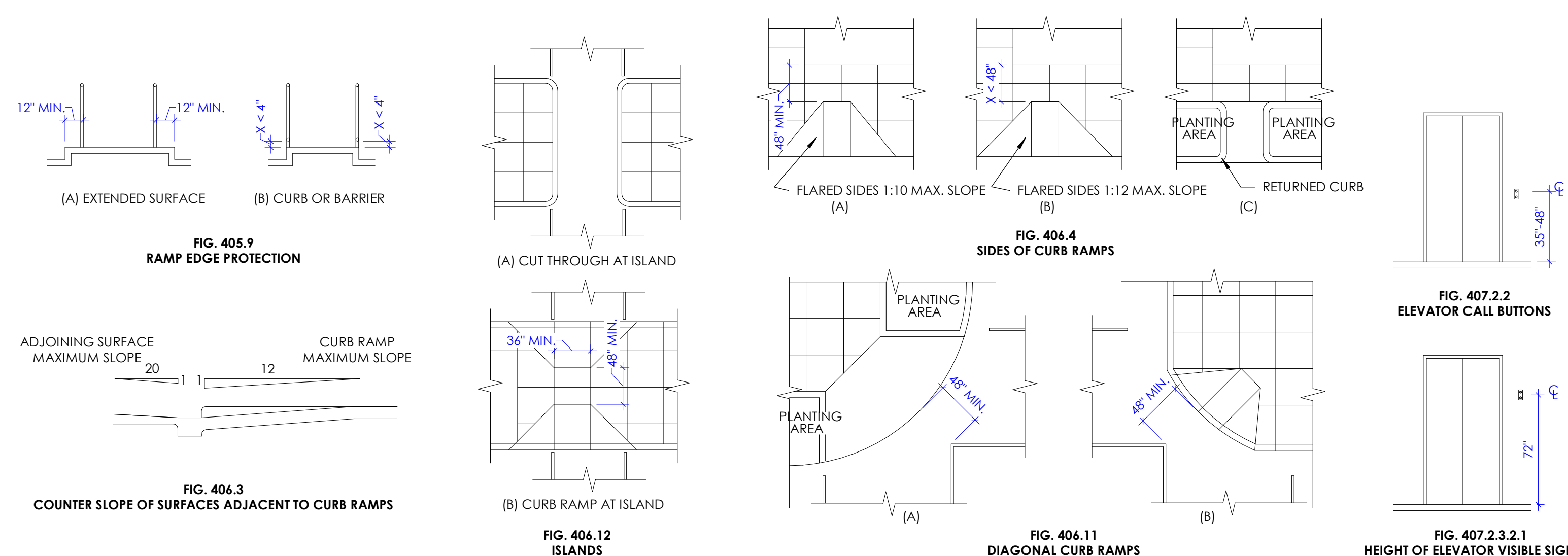
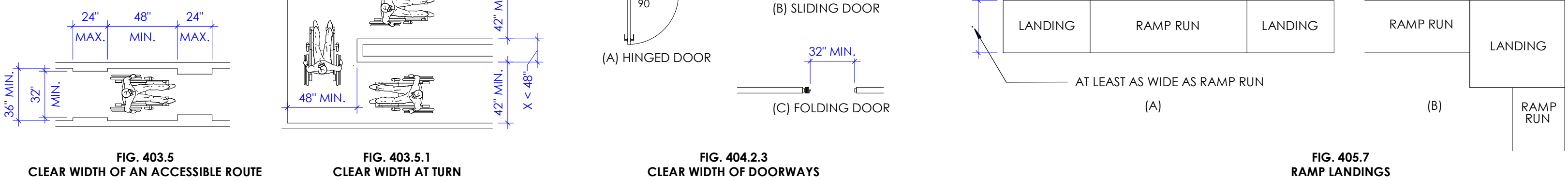
PROTRUDING OBJECTS



PLUMBING ELEMENTS AND FACILITIES

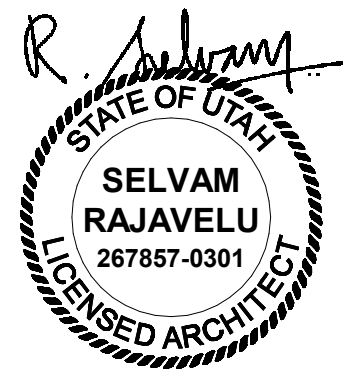


ACCESSIBLE ROUTES



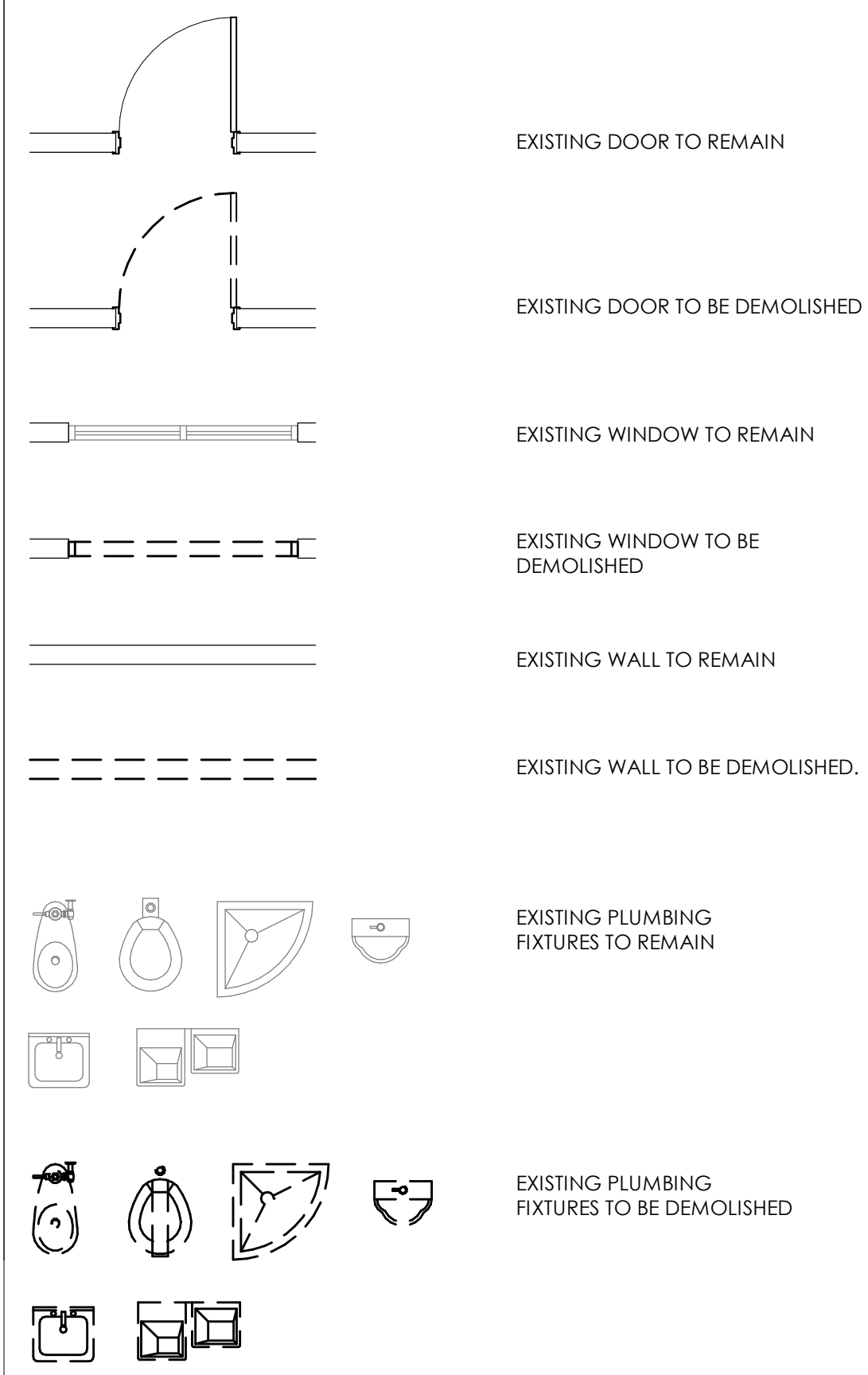
4/18/2024 4:27:39 PM

SCALE: 3/16" = 1'-0"



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.

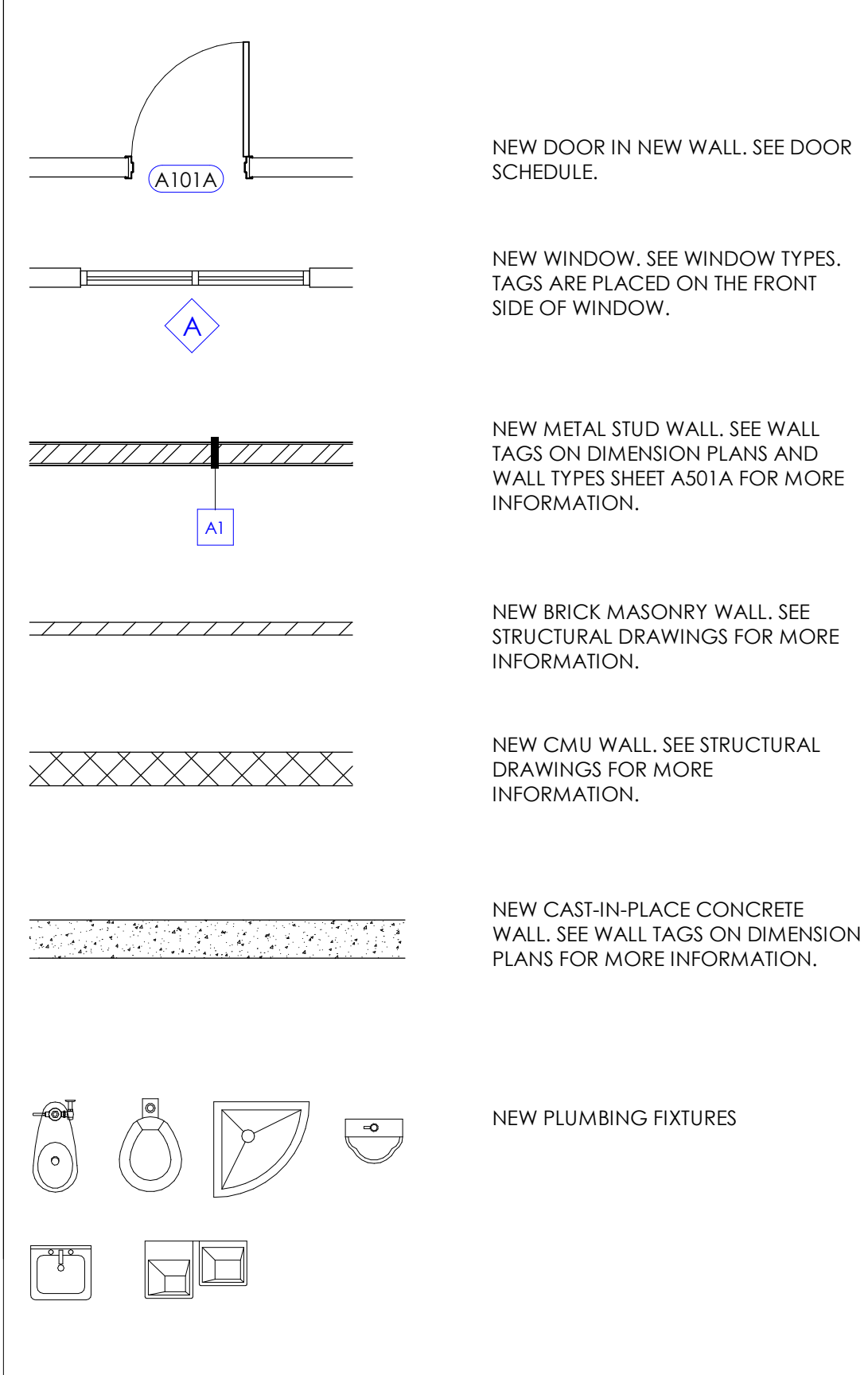


GENERAL NOTES - DEMOLITION FLOOR PLAN

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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.

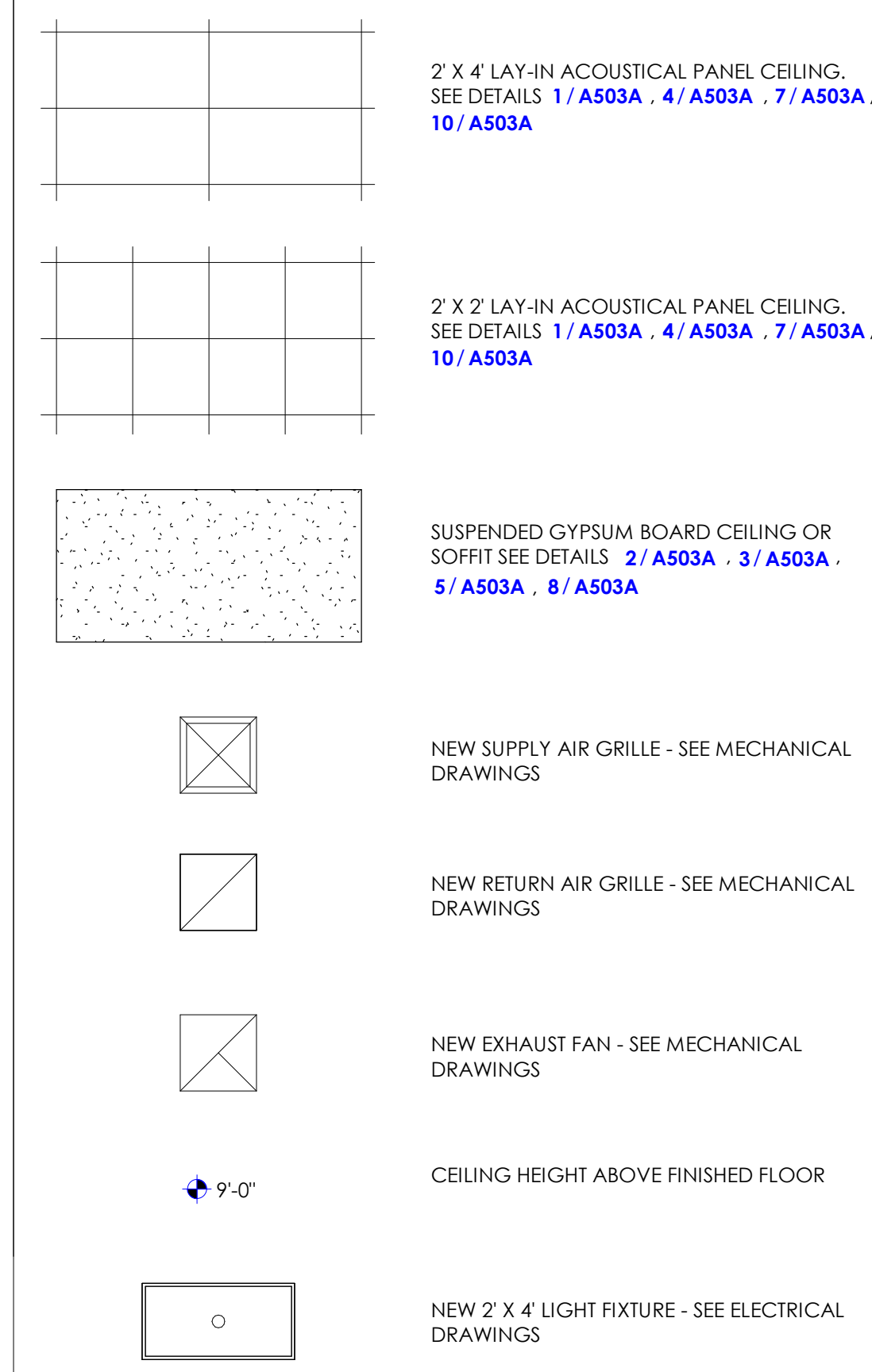


GENERAL NOTES - FLOOR & DIM. PLANS

- REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.
- AT LOCATIONS WITHOUT CEILING (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.
- WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY. UNO.
- SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).
- 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".
- FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS:
 - WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
 - WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
- VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.
- SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENEER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.
- SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.
- SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES
- SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. 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.
- ALL PENETRATIONS (PIPES, CONDUITS, 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, CONDUITS, DUCTS, ETC. THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURER'S 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.
- WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.
- 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.
- SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.
- SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.
- SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.
- 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.

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.



GENERAL NOTES - REFLECTED CEILING PLAN

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

- SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.
- SUB-CONTRACTOR UNDER SECTION "ALUMINUM ENTRANCES AND STOREFRONT," SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL ALUMINUM DOORS. SEE DOOR SCHEDULE FOR ALUMINUM DOORS AND THE REQUIRED HARDWARE.
- SUB-CONTRACTOR UNDER SECTION "DOOR HARDWARE," SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL THE WOOD AND HOLLOW METAL DOORS. SEE DOOR SCHEDULE FOR WOOD AND HOLLOW METAL DOORS AND THE REQUIRED HARDWARE.
- ALL EXTERIOR DOORS SHALL BE INSULATED.
- FIELD VERIFY WINDOW AND DOOR FRAME OPENING SIZES BEFORE FRAME INSTALLATION. OVERALL DIMENSIONS INDICATED FOR EACH FRAME TYPE ARE ROUGH OPENING SIZES IN WALLS. CONTRACTOR SHALL ADJUST INNER DIMENSIONS AS REQUIRED TO MAKE DOORS AND WINDOWS WORK.
- ELECTRICAL DEVICES SUCH AS MAG. LOCKS, CARD READERS AND ALARM SYSTEMS BEING PART OF THE DOOR FUNCTION ARE INCLUDED AS PART OF THE ELECTRICAL PLANS AND THE HARDWARE GROUPS. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS OF CARD READERS ETC. SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS WITH ALL TRADES INVOLVED.
- COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

GENERAL NOTES

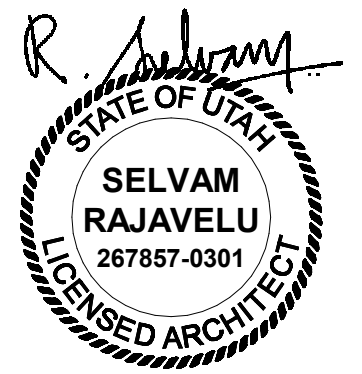
- STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE 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.
- ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- 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 ROTARY HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.
- ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.
- ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- 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.
- DRAWINGS HAVE BEEN DETAILED 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 WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.
- 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.
- ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO ICC CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALLS. FOR OPENINGS LESS THAN 16 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES. ELECTRICAL DEVICES, ELECTRICAL CABINETS, ETC. SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.
- ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
- THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.
- MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS, WHERE EXISTING FIRE PROOFING IS REQUIRED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.
- ALL WOOD CARITS, HAULERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C., CURRENT VERSION. SEE RELEVANT DETAILS.
- CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

GENERAL NOTES - INTERIOR ELEVATIONS

- PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.
- IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- SEE SHEET A505A 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 (P1, P2, S1, 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.
- 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 .
- AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.
- 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).
- FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capecchi Dr.
Salt Lake City, UT 84113



LEGEND

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	3/4 HOUR	3/4 HOUR
	1 HOUR FIRE BARRIER WALL	1 HOUR	3/4 HOUR	3/4 HOUR
	2 HOUR FIRE BARRIER WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR

KEYED NOTES

- 01.31 LINE AND ARROW INDICATES "COMMON PATH OF TRAVEL" DIRECTION AND DISTANCE OF 38' - 1" BETWEEN POINTS C1 AND C2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 75'.
- 01.51 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 166' - 10" BETWEEN POINTS 11 AND 12. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.
- 10.19 FIRE EXTINGUISHER AND FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE SEMI-RECESSED IN STUD FRAMED WALL. SEE DETAIL 2/A506A.

CODE REVIEW

APPLICABLE CODES	YEAR
International Building Code (IBC)	2021
International Existing Building Code (IEBC)	2021
International Fire Code (IFC)	2021
International Mechanical Code (IMC)	2021
International Plumbing Code (IPC)	2021
National Electric Code (NEC)	2020
NFPA 101 Life Safety Code	2018
ANSI ICC A117.1	2017
ADA Standard for Accessible Design Guidelines for Design & Construction of Hospital and Healthcare Facilities	2010

2021 IEBC Compliance Option selected for this project is: "Work Area Method- Alteration Level 2".

Project Description
Project scope is to remodel existing I-2 occupancy shell space for future operating room in the OR area of level 2 of the hospital to accommodate new Operating Room and accessory spaces.

OCCUPANCY: I-2 (Hospital)

CONSTRUCTION TYPE: Type I-A

OTHER CODE REQUIREMENTS
Travel Distance: 200 Feet (I-2)
Common Path of Travel: 75 Feet (I-2)
Minimum Corridor Width: 8 Feet (I-2)
Roof Covering Classification: A

AUTOMATICALLY SPRINKLED
Building is equipped with an NFPA type automatic fire extinguishing sprinkler system. Remodel area shall also be equipped with NFPA type sprinkler system.

OCCUPANT LOADS:

Equipment Room:	300 Sq. Ft. Gross per Occupant
Inpatient Treatment Areas:	240 Sq. Ft. Gross per Occupant
Total Occupant Load:	6
Level 2 Remodel Area (Total):	543 SF

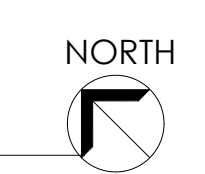
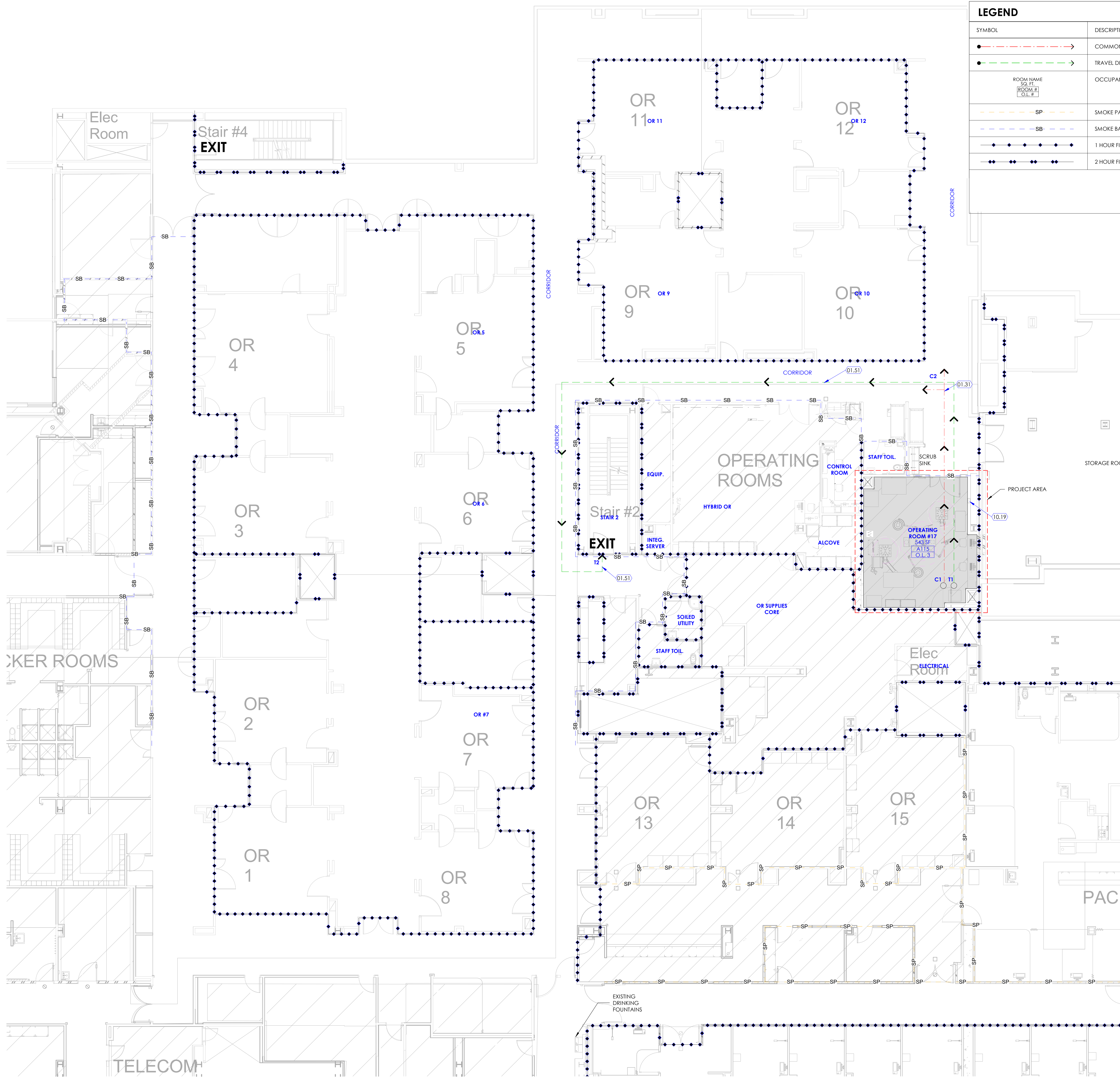
FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

	Required	Provided
Structural Frame:	3	3
(2 hr., where supporting the roof)		
Bearing Walls:		
Exterior	3	3
Interior	3	3
Non-Bearing Walls:		
Exterior	0	0
Interior	0	0
Floor Construction	2	2
Roof Construction	1 1/2	1 1/2

Contractor is required to use spray applied fire proofing at the new structural steel to achieve 3-hr fire protection. See schedule above for more information on fire rating requirements for the construction types. Patch, repair and replace fire proofing at the adjacent existing that are damaged during construction to retain fire proofing acceptable to the authorities have jurisdiction, as required.

All Penetrations of fire and smoke rated assemblies shall be provided with fire stopping systems consistent with the fire or smoke rating and type of assembly in which the penetration is located in compliance with the 2021 IBC Section 714. See wall types on sheet A501A and details.

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



4/18/2024 4:27:51 PM

1. Design Criteria

- 1.1. Governing Building Code 2021 International Building Code (IBC)
A. Risk Category IV
1.2. Floor Live Loading
A. Intermountain Standard 80 psf Live Load + 20 psf Partition Load
1.3. Earthquake
A. Spectral Response Acceleration, S_e 1.027
B. Analysis Procedure ASCE 7 Chapter 13 - Seismic Design Requirements for Nonstructural Components
C. Component Importance Factor, I_p 1.5
D. Seismic Coefficients for Architectural Components, Laboratory Experiment
a_b = 1 R_s = 2.5 I_b = 2

2. Structural Steel

- 2.1. Material:
A. W-Shapes: ASTM A992, (F_y = 50 ksi), except as noted otherwise
B. All Other Shapes and Plates: ASTM A36 (F_y = 36 ksi), except as noted otherwise
C. Round HSS: ASTM A500, Grade C (F_y = 46 ksi)
2.2. Fabrication and construction shall comply with the following Codes and Standards:
A. American Institute of Steel Construction (AISC) 360-16, "Specification for Structural Steel Buildings"
B. AISC 303-16, "Code of Standard Practice for Steel Buildings and Bridges"
1. The structural drawings shall be used in conjunction with the architectural drawings, Detailing and shop drawing production for structural elements will require information (including dimensions) contained in architectural, structural, and/or other consultants' drawings. Refer to the Special Instructions section of the general notes, below.
C. AISC/RCS/CSC 2014, "Specification for Structural Joints Using High-Strength Bolts"
D. American Welding Society (AWS) D1.1:2015, "Structural Welding Code - Steel" (specific items do not apply when they conflict with the AISC requirements)
2.3. Structural shapes and plates shall be fabricated from newly rolled (milled) one-piece sections without splices, unless specifically noted otherwise on the structural drawings. Connections for structural steel shall comply with the structural drawings, unless written approval is given by the Structural Engineer.
2.4. Welding:
A. It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.
B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
C. Electrodes: E-70 XX or as noted otherwise. E60 XX may be used for welding steel floor and roof decks.
D. Minimum Welds: All intersecting steel shapes that are not bolted shall be connected by a fillet weld all around, unless noted otherwise. Fillet weld sizes that are not shown shall be 1/16" less than the thinnest of the connected parts for thicknesses 1/4" and larger. Fillet welds on plates less than 1/4" shall be of the same size as the thinnest of the connected parts.

3. Miscellaneous

- 3.1. Post-Installed Anchors in Concrete
A. Anchorage to hardened concrete shall include all mechanical anchors of size, quantity, spacing, and embedment as shown on the drawings. Additional anchors shall not be used without approval from the Engineer prior to installation.
B. Special inspection is required during the installation of all post-installed anchors. Refer to applicable code evaluation reports and the Quality Assurance and Statement of Special Inspections sections of the General Structural Notes.
C. Alternate anchors are permitted with approval of the Engineer. The Contractor shall submit the proposed anchor product data and code evaluation report demonstrating the anchor is equivalent to or exceeds the capacity of the specified anchor.
D. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:
1. Hole diameter, depth, and cleaning procedure
2. Preparation, and placement
3. Installation torque
E. Locate all existing reinforcement and embedded items prior to drilling into concrete elements. Do not damage rebar or embeds while drilling or installing anchors.
F. Grout all defective or abandoned holes with non-shrink grout or an injectable epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally exposed concrete.
G. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report.

4. Special Instructions

- 4.1. The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.
4.2. The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omissions or conflicts, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.
4.3. The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layout are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.
4.4. Existing conditions
A. The contract structural drawings represent the reconfigured structure and do not indicate the method or means of construction. The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, procedures, techniques, and sequence.
B. The Contractor is responsible for being knowledgeable on information presented in available new or existing drawings and shall field verify all relevant information. Information available in existing drawings may be incomplete. Contractor shall familiarize themselves with information available in the existing and new drawings, and shall field verify all pertinent information.
C. Contractor shall field verify all existing conditions prior to performing any work, including but not limited to: bidding and estimating, shoring, detailing, fabricating, manufacturing, erecting, or installing any given structural element indicated in the contract drawings.
D. Information on existing conditions provided in the contract drawings are based on information gathered from existing drawings and during limited site observations. If conditions shown do not match existing conditions contact the Architect/Engineer prior to performing any work. Do not proceed until instructions in writing are provided by the Architect/Engineer.
E. Dimensional information provided in the contract drawings on existing conditions are for general information and reference purposes only, and shall not be used for detailing and construction.
F. Contractor shall refer to existing drawings of the existing facility to verify:
a. Structural member sizes and locations, slab thickness
b. Location of previous additions, alterations, or repairs performed at the facility
c. Location of expansion joint systems
d. Location of interior architectural items
G. Demolition at existing conditions
1. Demolition, cutting, drilling, etc. work shall be performed as to not damage existing structure that is to remain and shall not jeopardize the structural integrity of the existing building, if any architectural, structural, or MEP members not designated for removal interfere with the new work, the Owner, Architect, and Engineer shall be notified immediately and approval obtained prior to their removal.
2. Contractor shall coordinate location, number and sizes of openings through existing floors, and walls for air shafts, ducts, piping, and/or conduit with the Architectural, Mechanical, Electrical, Plumbing, and Fire Protection drawings and the respective subcontractors.
H. Contractor shall repair all damage caused during construction or demolition. All damage shall be repaired and restored with similar materials and workmanship to levels acceptable to the Owner.
4.5. Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect for review. Shop Drawings made from reproductions of (these) contract drawings will be rejected.
4.6. Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineer. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.
4.7. Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.
4.8. Notice of Copyright: The structural drawings, plans, schedules, notes and details are hereby copyrighted by Reaveley Engineers. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with the project is not to be construed as publication in derogation of Reaveley Engineers' reserved rights. The documents defining the structure are instruments of service prepared by Reaveley Engineers for one use only. Furthermore, these documents shall not be reproduced, or copied, in whole or in part by the Contractor or subcontractors for preparation of shop drawings or other submittals.

5. Quality Assurance

- 5.1. Quality Assurance Agency Requirements:
A. The Owner shall engage a qualified Quality Assurance Agency (QAA) to provide all special inspection and quality assurance testing for the project. The QAA shall provide all information necessary for the building official to determine that the agency meets the applicable requirements.
1. The QAA shall be objective, competent and independent from the Contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
2. The QAA shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
3. The QAA shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities.
4. The QAA shall send copies of all inspection and testing reports to the building official, Owner, Architect, Engineer and Contractor. Reports shall indicate that the work inspected was or was not completed in conformance to the approved construction documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the Architect and Engineer.
5. The QAA shall submit a final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests. The final report shall be distributed to the building official, Owner, Architect and Engineer in a timely manner prior to the completion of the project.
5.2. Contractor Responsibilities:
A. The Contractor shall submit a written statement of responsibility to the building official and the Owner or the owner's authorized agent prior to the commencement of work on the systems or components listed in the statement of special inspections. The Contractor's statement of responsibility shall contain acknowledgement or awareness of the special requirements contained in the statement of special inspections.
B. Notification of QAA: The Contractor shall notify the QAA in a timely manner so that inspection and testing may be performed as outlined in the statement of special inspections.
5.3. Structural Observations by the Engineer of Record:
A. The Engineer of Record will perform a structural observation at a critical phase of the project. Copies of the Engineer's report will be distributed to the Architect, Contractor, Owner, and QAA.
B. The contractor shall notify the Structural Engineer at least 24 hours in advance before completing the steel framing.
C. Observation visits to the site by the Engineer's field representatives shall not be construed as inspection or approval of construction.

6. Statement of Special Inspections

- 6.1. The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC).
6.2. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases, periodic inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. Frequency marked with (E) designates periodic inspections that must be performed prior to or upon completion of every task.

Structural Steel per IBC Section 1705.2.1, 1705.12.1 & 1705.13.1

Table with 3 columns: Item, Frequency, Detailed Instructions. Rows include Welder qualification records, Material identification, Fit-up groove welds, Access holes, Fit-up of fillet welds, Use of qualified welders, Control and handling of welding consumables, Cracked tack welds, Environmental conditions, WPS followed, Welding techniques, Welds cleaned, Size, length, and location of welds, Welds meet visual acceptance criteria, Arc strikes, k-area, Backing & weld tabs removed, Repair activities, Documentation, Prohibited welds.

Concrete Construction per IBC Sections 1705.3 & 1705.12

Table with 3 columns: Item, Frequency, Detailed Instructions. Row: Post-installed mechanical anchors.

ABBREVIATIONS

Table of abbreviations: @ AT, AB ANCHOR BOLT (S), ABV ABOVE, ALT ALTERNATE, APPROX APPROXIMATE, ARCH ARCHITECT(URAL), BLDG BUILDING, BLW BELOW, BM BEAM, BOT BOTTOM, BRG BEARING, BTWN BETWEEN, CJ CONSTRUCTION JOINT OR CONTROL JOINT, CJP COMPLETE JOINT PENETRATION, CMU CONCRETE MASONRY UNIT, COL COLUMN, CONC CONCRETE, CONST CONSTRUCTION, CONT CONTINUOUS, CONTR CONTRACTOR, CTR CENTER, D.B. DECK BEARING, db DIAMETER OF REINFORCING BAR, DBA DEFORMED BAR ANCHORS, DBL DOUBLE, DET DETAIL, DIA (OR Ø) DIAMETER, DIAG DIAGONAL, DIM DIMENSION, DK DECK, DN DOWN, DWG DRAWING, DWL DOWEL, E.F. EACH FACE, E.J. EXPANSION JOINT (SEISMIC SEPARATION JOINT), E.W. EACH WAY, EA EACH, EL ELEVATION, ELEC ELECTRICAL, ELEV ELEVATOR, ENG ENGINEER, EQ EQUAL, EQUIP EQUIPMENT, EXIST (E) EXISTING, EXP EXPANSION / EXPOSED, EXT EXTERIOR, F.D. FLOOR DRAIN, F.F. FINISH FLOOR, F.V. FIELD VERIFY, FDTN FOUNDATION, FIN FINISH, FL FLOOR, FT FOOT, FTG FOOTING, GA GAUGE, GALV GALVANIZED, GLB GLU-LAMINATED BEAM, GR GRADE, GSN GENERAL STRUCTURAL NOTES, HB HORIZONTAL BRIDGING, HORIZ HORIZONTAL, HSA HEADED STUD ANCHORS, HSS HOLLOW STRUCTURAL STEEL, HT HEIGHT, I.F. INSIDE FACE, IBC INTERNATIONAL BUILDING CODE, ICC INTERNATIONAL CODE COUNCIL, IN INCH, INSUL INSULATION, INT INTERIOR, JST JOIST, JT JOINT, K KIPS - 1,000 POUNDS, KLF KIPS PER LINEAL FOOT, KSF KIPS PER SQUARE FOOT, KSI KIPS PER SQUARE INCH, LBS POUNDS, Ld, Lt, Lsb, LsbL, Ldc, Lsc SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP LENGTH SCHEDULE, LF LINEAL FOOT, LFRS LATERAL FORCE RESISTING SYSTEM (SFRS & WFRS), LLH LONG LEG HORIZONTAL, LLV LONG LEG VERTICAL, LSH LONG SIDE HORIZONTAL, LSV LONG SIDE VERTICAL, MAS MASONRY, MAX MAXIMUM, MCJ MASONRY CONTROL JOINT, MECH MECHANICAL, MFRG MANUFACTURER, MIN MINIMUM, MISC MISCELLANEOUS, NIC NOT IN CONTRACT, NORM NORMAL, NTS NOT TO SCALE, O.C. ON CENTER, O.F. OUTSIDE FACE, OPNG OPENING, OPP OPPOSITE, OWSJ OPEN WEB STEEL JOIST, P.T. POST-TENSIONED, PCF POUNDS/CUBIC FOOT, PJP PARTIAL JOINT PENETRATION, PL PLATE

ABBREVIATIONS

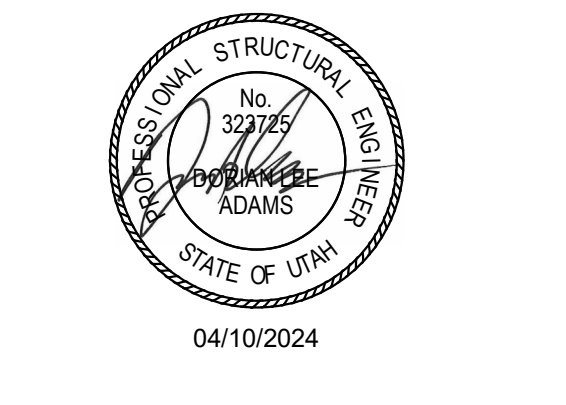
Table of abbreviations: PLF POUNDS/LINEAL FOOT, PNL PANEL, PSF POUNDS/SQ FOOT, PSI POUNDS/SQ INCH, R.D. ROOF DRAIN, REINF REINFORCING, REQD REQUIRED, SFRS SEISMIC FORCE RESISTING SYSTEM, SHT SHEET, SI SPECIAL INSPECTION (SP. INSP.), SIM SIMILAR, SOG SLAB ON GRADE, SQ SQUARE, STAG STAGGERED, STD STANDARD, STIFF STIFFENER, STL STEEL, STRUCT STRUCTURAL, T & B TOP AND BOTTOM, T.O. TOP OF, TEMP TEMPERATURE, THDS THREADS, TOC TOP OF CONCRETE, TOCP TOP OF CONCRETE PIER, TOF TOP OF FOOTING, TOS TOP OF SLAB, TOST TOP OF STEEL, TOW TOP OF WALL, TYP TYPICAL, UNO UNLESS NOTED OTHERWISE, VERT VERTICAL, W.P. WORK POINT, W/ WITH, WF WITH FLANGE, WFRS WIND FORCE RESISTING SYSTEM, WT WEIGHT, WWF WELDED WIRE FABRIC, YD YARD

STRUCTURAL DRAWING LIST

Table with 2 columns: SHT NO., SHT NAME. Rows: S-001 STRUCTURAL GENERAL NOTES, S-101 PARTIAL FRAMING PLANS, S-001 STRUCTURAL DETAILS



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



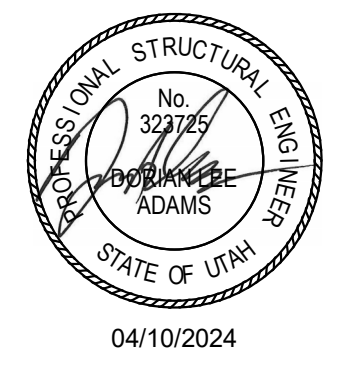
515 East 100 South, Suite 1200
Salt Lake City, Utah 84102
801.486.3883
www.reaveley.com

Intermountain Healthcare
Primary Children's Hospital
OR 17
100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 232483.00
Construction Documents Apr 10, 2024

STRUCTURAL
GENERAL
NOTES

S-001

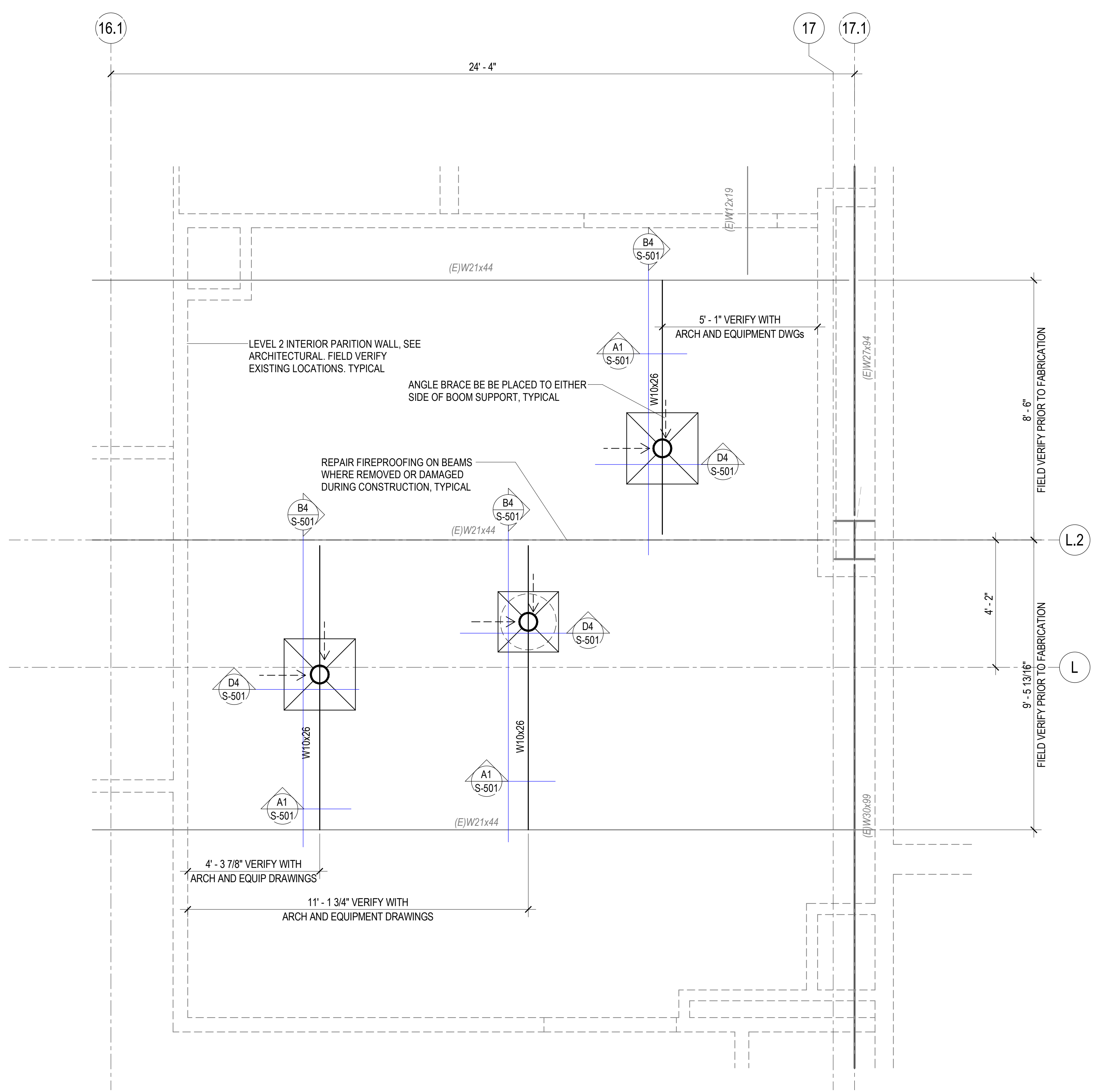


PLAN NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF EXISTING STRUCTURE DURING CONSTRUCTION.
3. REPAIR FIREPROOFING WHERE DAMAGED DURING CONSTRUCTION.
4. VERIFY EQUIPMENT SUPPORT DIMENSIONS WITH EQUIPMENT DRAWINGS, EXISTING CONDITIONS, AND ARCHITECTURAL PRIOR TO FABRICATION.
5. DESIGN FOR BOOM SUPPORTS IS BASED ON STERIS PRIMARY CHILDREN'S HOSPITAL GENERAL OR 17 DRAWINGS DATED 2/21/2024.

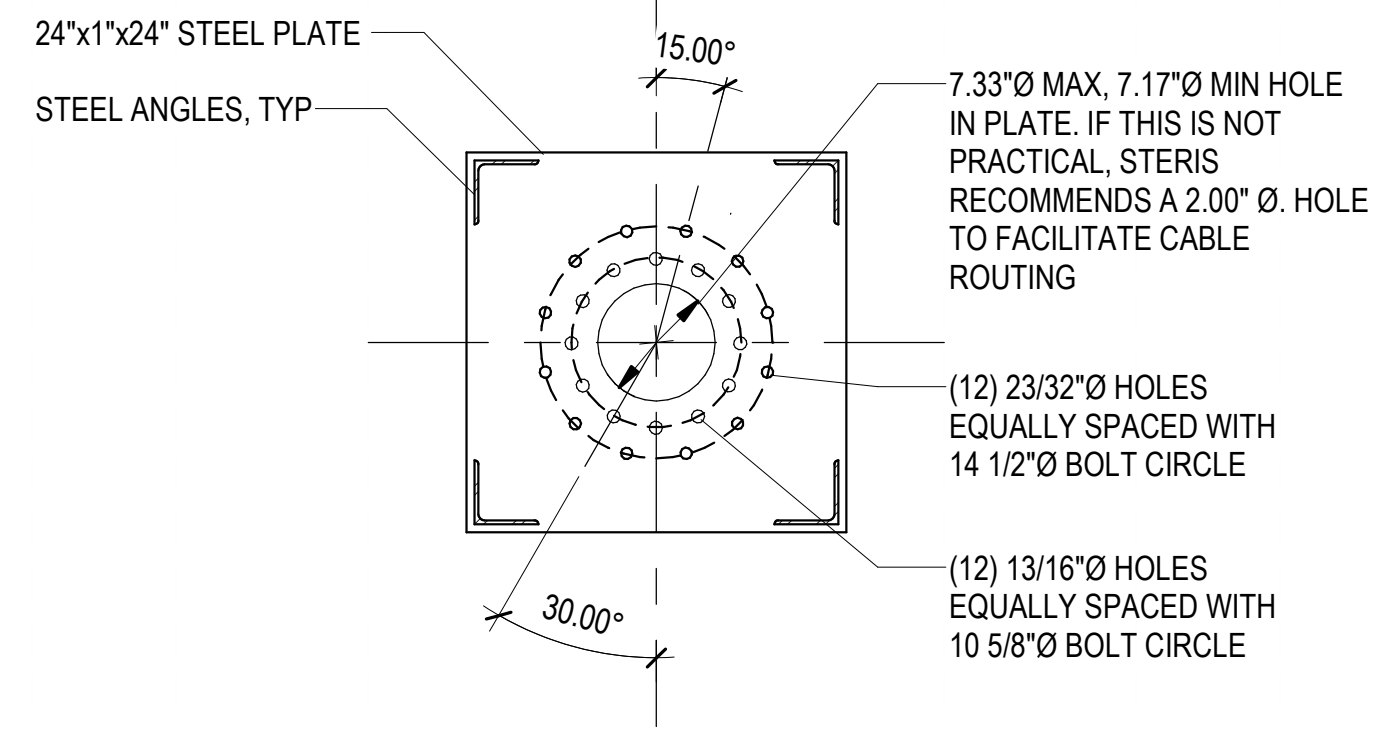
PLAN LEGEND

- INTERIOR PARTITION WALL, SEE ARCH
- STEEL BEAM OR GIRDER
- DIAGONAL STEEL ANGLE BRACE.
- ⊠ BOOM SUPPORT AND MOUNTING PLATE. SEE DETAILS
- ⊥ EXISTING STEEL COLUMN
- EXISTING STEEL BEAM OR GIRDER
- EXISTING DIAGONAL STEEL ANGLE BRACE.



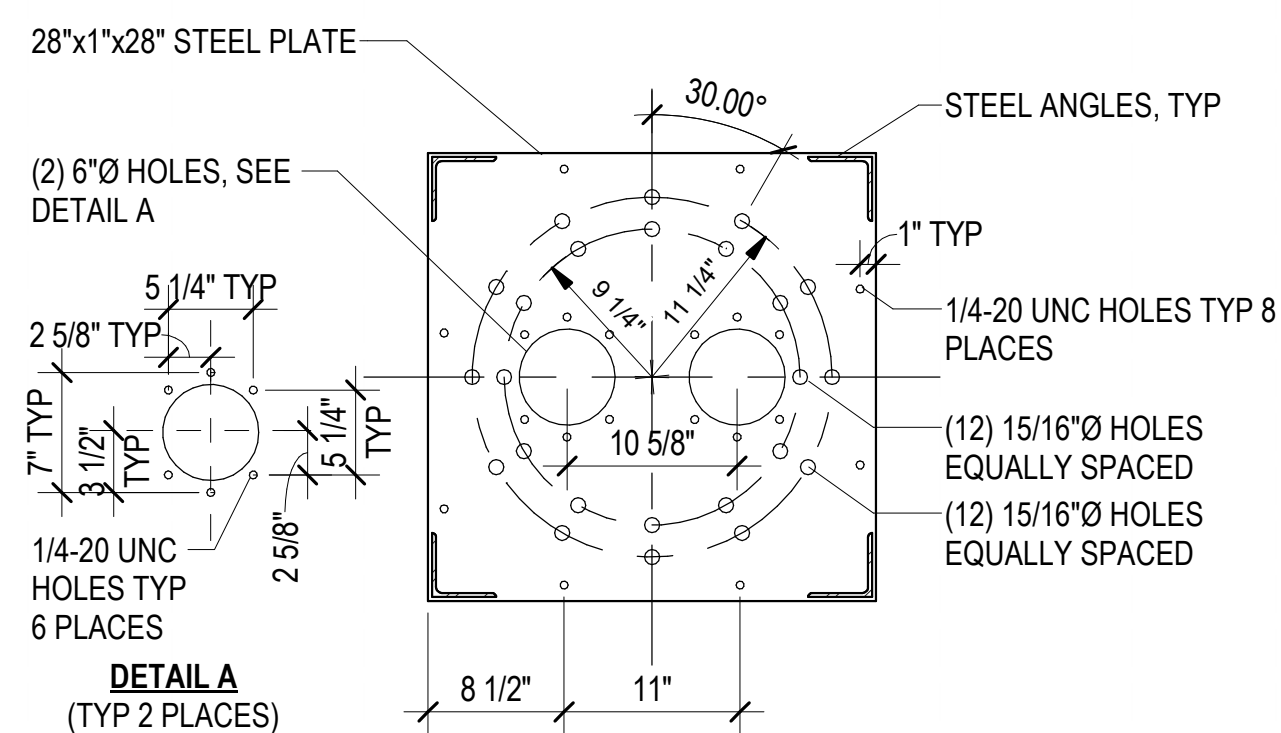
A1 PARTIAL THIRD FLOOR FRAMING PLAN (LEVEL 2 REFLECTED CEILING EQUIPMENT PLAN)
S-101 SCALE: 1/2" = 1'-0" NORTH

4/10/2024 12:24:06 PM



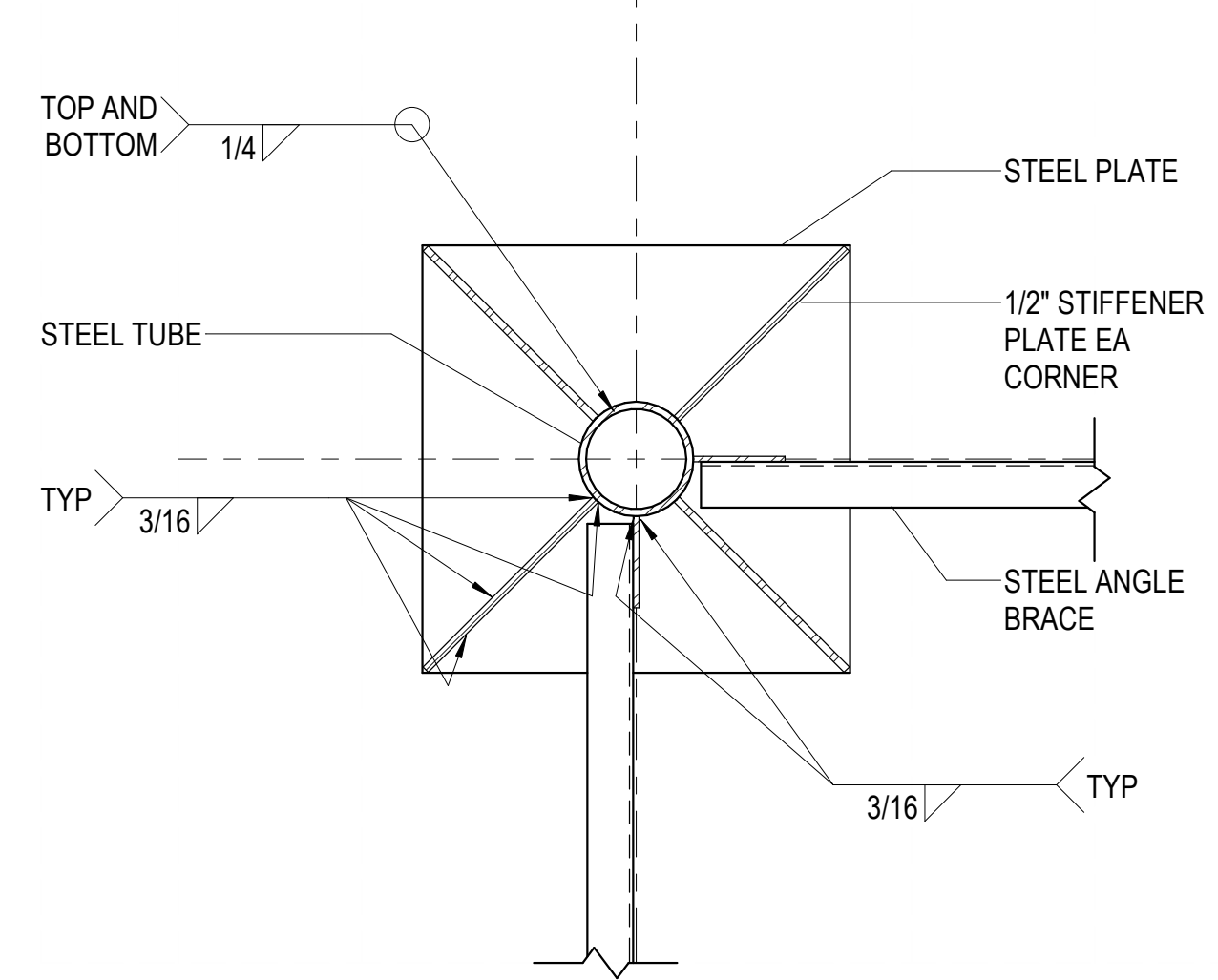
NOTE:
1. WELD STEEL ANGLE BRACE AFTER STRUCTURAL STEEL PLATE IS POSITIONED AND LEVELED.
2. COORDINATE ALL DIMENSIONS, HOLE LAYOUT & HOLE DIAMETER WITH EQUIP DRAWINGS BEFORE FABRICATION
3. ALL WELDS MUST BE CONTAINED WITHIN THE 5"x5" AREAS LOCATED AT EACH CORNER OF THE PLATE.

D1 STERIS STRUCTURAL LIGHT MOUNTING PLATE - PLAN VIEW
S-501 NO SCALE

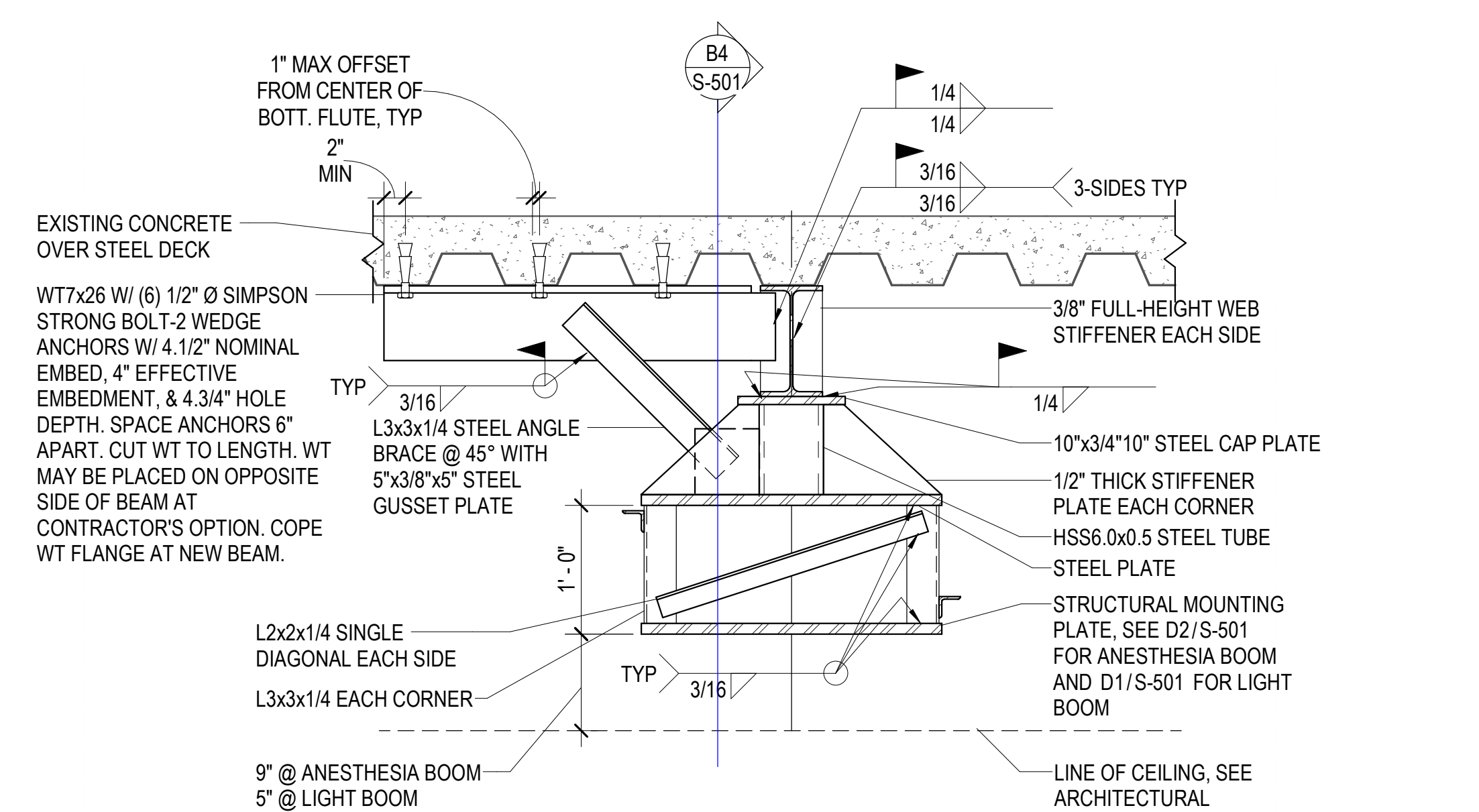


NOTE:
1. WELD STEEL ANGLE BRACE AFTER STRUCTURAL STEEL PLATE IS POSITIONED AND LEVELED.
2. COORDINATE ALL DIMENSIONS, HOLE LAYOUT & HOLE DIAMETER WITH EQUIP DRAWINGS BEFORE FABRICATION
3. ALL WELDS MUST BE CONTAINED WITHIN THE 5"x5" AREAS LOCATED AT EACH CORNER OF THE PLATE.

D2 STERIS STRUCTURAL ANESTHESIA MOUNTING PLATE - PLAN VIEW
S-501 NO SCALE

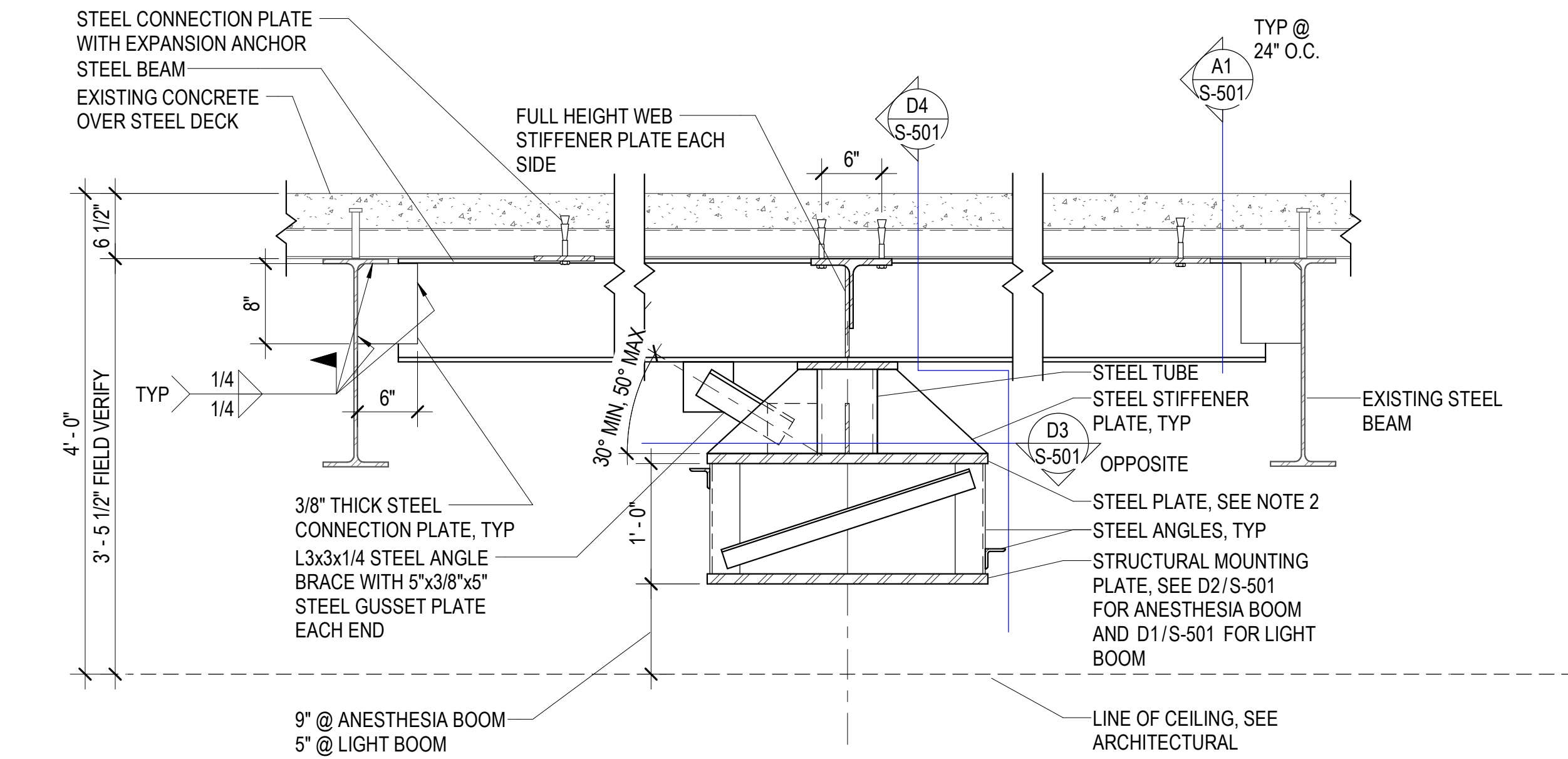


D3 STERIS EQUIPMENT MOUNTING PLAN VIEW
S-501 NO SCALE

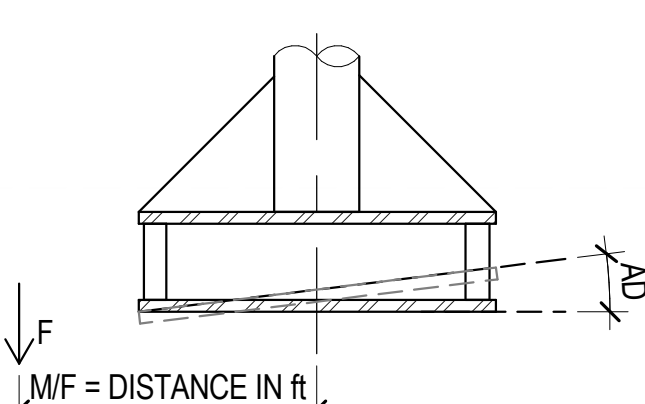


NOTES:
1. REPAIR FIREPROOFING WHERE OCCURS. FIREPROOFING SHALL COVER 12" OF NEW BEAM AT NEW TO EXISTING CONNECTION.
2. 1" THICK STEEL PLATE TO MATCH LENGTH AND WIDTH OF STRUCTURAL MOUNTING PLATE

D4 TYPICAL STERIS BOOM SUPPORT DETAIL
S-501 NO SCALE



THE BASIS OF DESIGN FOR THE BOOM FIXTURE IS:
ANESTHESIA BOOM
MANUFACTURER: STERIS
FIXTURE WEIGHT (F) = 483 LB.
MOMENT LOAD (M) = 1508 FT. LB.
MAXIMUM ALLOWED DEFLECTION (AD) = -0.33°
SURGICAL LIGHT BOOM
MANUFACTURER: STERIS
FIXTURE WEIGHT (F) = 402 LB.
MOMENT LOAD (M) = 1251 FT. LB.
MAXIMUM ALLOWED DEFLECTION (AD) = -0.20°
TO IMPOSE THE MOMENT LOAD FOR THE DEFLECTION TEST, APPLY 'F' AT A DISTANCE 'M' DIVIDED BY 'F' FROM CENTER OF MOUNTING PLATE.

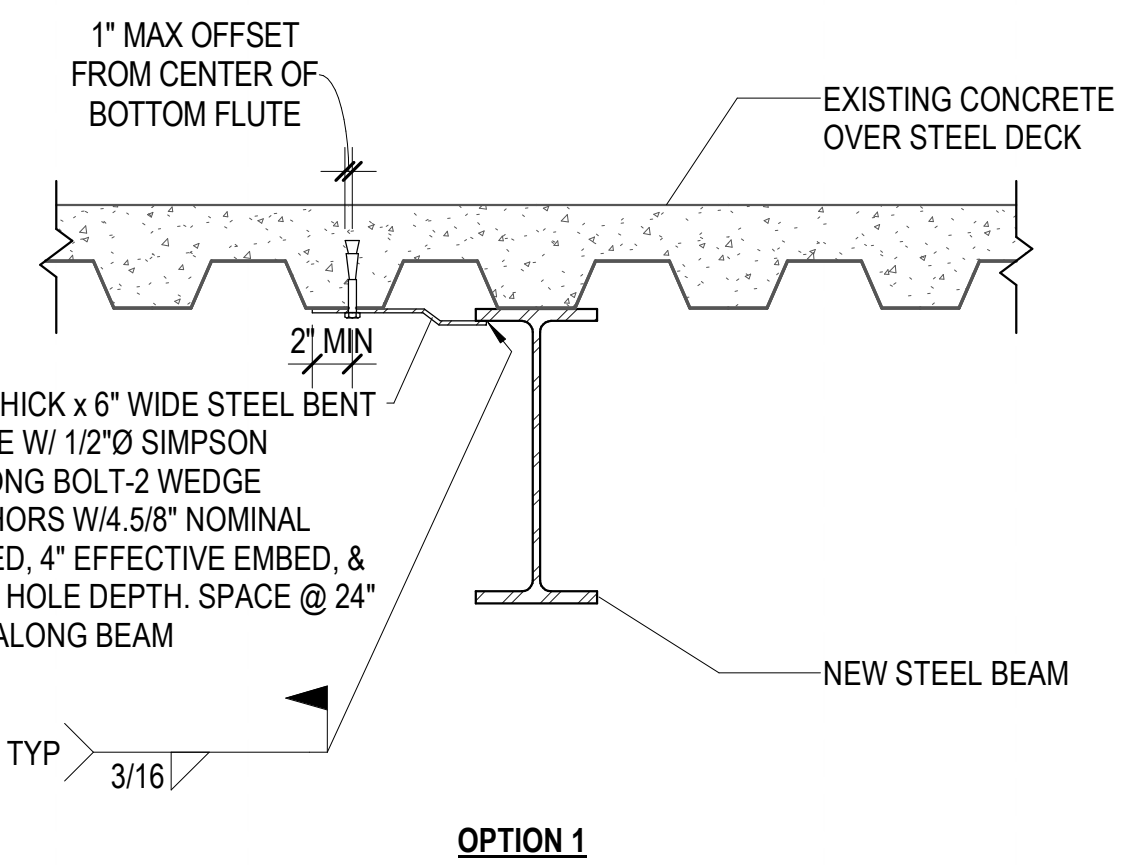


NOTES:
1. REPAIR FIREPROOFING WHERE OCCURS. FIREPROOFING SHALL COVER 12" OF NEW BEAM AT NEW TO EXISTING CONNECTION.
2. 1" THICK STEEL PLATE TO MATCH LENGTH AND WIDTH OF STRUCTURAL MOUNTING PLATE

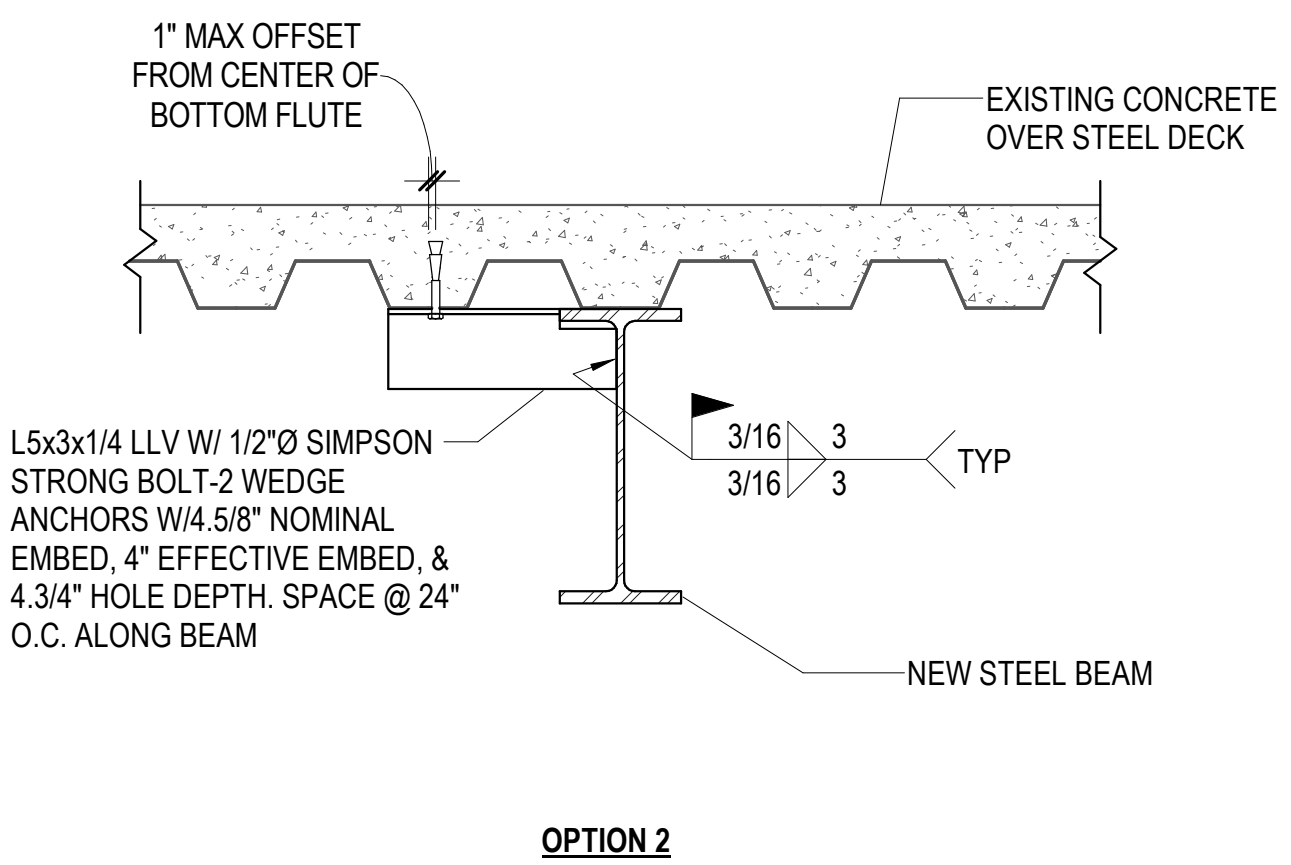
B4 TYPICAL STERIS BOOM SUPPORT DETAIL
S-501 NO SCALE

MEDICAL EQUIPMENT SUPPORT DETAIL NOTES

- VERIFY ALL DIMENSIONS WITH EQUIPMENT DRAWINGS AND ARCHITECTURAL.
- FIELD VERIFY LOCATIONS OF EXISTING STEEL FRAMING PRIOR TO FABRICATING BOOM SUPPORT STEEL.
- COORDINATE BOOM AND STEEL BRACE LOCATIONS WITH MECHANICAL AND ELECTRICAL PRIOR TO FABRICATION.
- ALL EXPANSION ANCHORS SHALL BE SPECIAL INSPECTED AND TESTED PER THE GENERAL STRUCTURAL NOTES AND PROJECT SPECIFICATIONS.



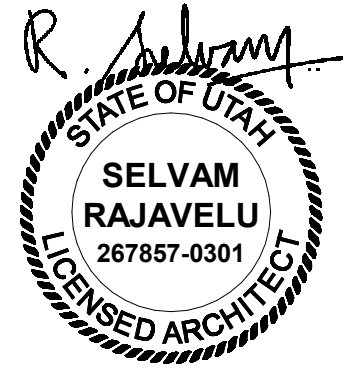
OPTION 1



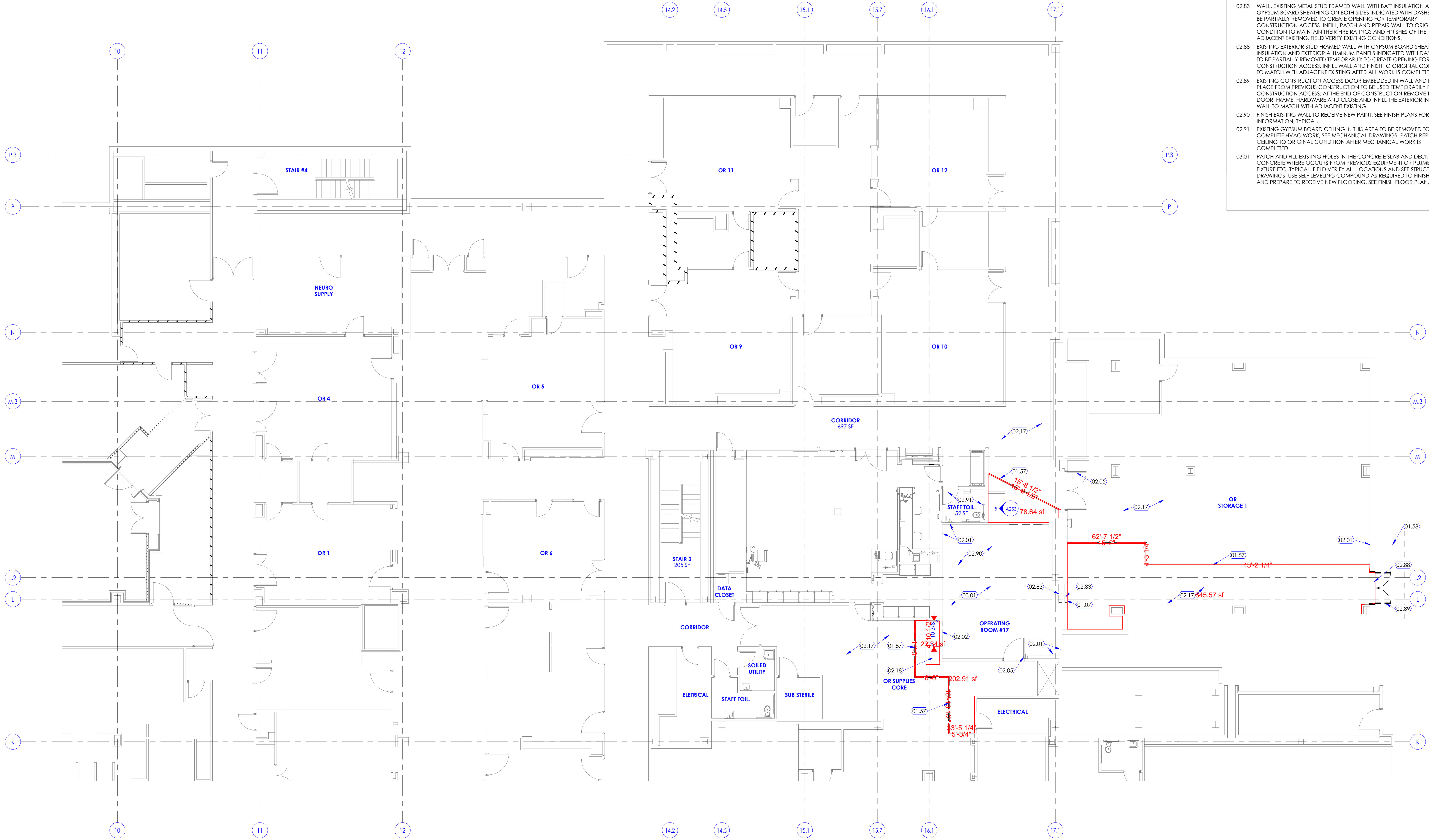
OPTION 2

A1 TYPICAL SUPPORT BEAM CONNECTION TO FLOOR DECK
S-501 NO SCALE

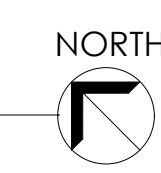




KEYED NOTES	
01.07	TEMPORARY CONSTRUCTION ACCESS.
01.57	01.57 LINES INDICATE LOCATION OF FLOOR TO CEILING TEMPORARY DUST PROOF ICRA CONSTRUCTION BARRIER WALL TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERECTED WITH POLYCARBONATE PRE-MADE BARRIERS BY STARC OR EQUAL. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE HAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER AND INFECTION CONTROL NURSE FOR EXACT LOCATION AND ALL REQUIREMENTS. CONTRACTOR SHALL MAINTAIN NEGATIVE PRESSURE IN THE CONSTRUCTION AREA DURING CONSTRUCTION AS REQUIRED BY THE INFECTION CONTROL COMMITTEE OF THE HOSPITAL.
01.58	CONTRACTOR TO CONSTRUCT TEMPORARY SCAFFOLDING, PLATFORM AND STAIRS AT TEMPORARY CONSTRUCTION ACCESS DOOR AT THE EXTERIOR OF THE BUILDING IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTIONS.
02.01	WALL EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.
02.02	WALL EXISTING METAL STUD FRAMED WITH BATT INSULATION AND GYPSUM SHEATHING INDICATED WITH DASHED LINE TO BE REMOVED. REMOVE ALL ELECTRICAL, PLUMBING AND ASSOCIATED ITEMS AS APPLICABLE. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR MORE INFORMATION.
02.05	DOOR EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
02.17	FLOOR COVERING, EXISTING TO REMAIN U.N.O. PROTECT FLOOR COVERING FROM DAMAGE DURING CONSTRUCTION. SEE FINISH FLOOR PLAN FOR AREAS WITH NEW FLOORING.
02.18	FLOOR COVERING, EXISTING INDICATED IN THIS AREA TO BE REMOVED. COORDINATE EXTENT OF REMOVAL WITH FINISH FLOOR PLANS FOR NEW FLOOR COVERING LOCATIONS AND TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR COVERINGS.
02.83	WALL EXISTING METAL STUD FRAMED WALL WITH BATT INSULATION AND GYPSUM BOARD SHEATHING ON BOTH SIDES INDICATED WITH DASHED LINE TO BE PARTIALLY REMOVED TO CREATE OPENING FOR TEMPORARY CONSTRUCTION ACCESS. INFILL PATCH AND REPAIR WALL TO ORIGINAL CONDITION TO MAINTAIN THEIR FIRE RATINGS AND FINISHES OF THE ADJACENT EXISTING. FIELD VERIFY EXISTING CONDITIONS.
02.88	EXISTING EXTERIOR STUD FRAMED WALL WITH GYPSUM BOARD SHEATHING INSULATION AND EXTERIOR ALUMINUM PANELS INDICATED WITH DASHED LINE TO BE PARTIALLY REMOVED TEMPORARILY TO CREATE OPENING FOR CONSTRUCTION ACCESS. INFILL WALL AND FINISH TO ORIGINAL CONDITION TO MATCH WITH ADJACENT EXISTING AFTER ALL WORK IS COMPLETED.
02.89	EXISTING CONSTRUCTION ACCESS DOOR EMBEDDED IN WALL AND LEFT IN PLACE FROM PREVIOUS CONSTRUCTION TO BE USED TEMPORARILY FOR CONSTRUCTION ACCESS. AT THE END OF CONSTRUCTION REMOVE THIS DOOR, FRAME, HARDWARE AND CLOSE AND INFILL THE EXTERIOR INSULATED WALL TO MATCH WITH ADJACENT EXISTING.
02.90	FINISH EXISTING WALL TO RECEIVE NEW PAINT. SEE FINISH PLANS FOR MORE INFORMATION. TYPICAL.
02.91	EXISTING GYPSUM BOARD CEILING IN THIS AREA TO BE REMOVED TO COMPLETE HVAC WORK. SEE MECHANICAL DRAWINGS. PATCH REPAIR PAINT CEILING TO ORIGINAL CONDITION AFTER MECHANICAL WORK IS COMPLETED.
03.01	PATCH AND FILL EXISTING HOLES IN THE CONCRETE SLAB AND DECK WITH CONCRETE WHERE OCCURS FROM PREVIOUS EQUIPMENT OR PLUMBING FIGURE ETC. TYPICAL. FIELD VERIFY ALL LOCATIONS AND SEE STRUCTURAL DRAWINGS. USE SELF LEVELING COMPOUND AS REQUIRED TO FINISH FLOOR AND PREPARE TO RECEIVE NEW FLOORING. SEE FINISH FLOOR PLAN.



1 Demolition Floor Plan Level 2 - Overall
SCALE: 1/8" = 1'-0"



Intermountain Healthcare
 Primary Children's Hospital
 OR 17

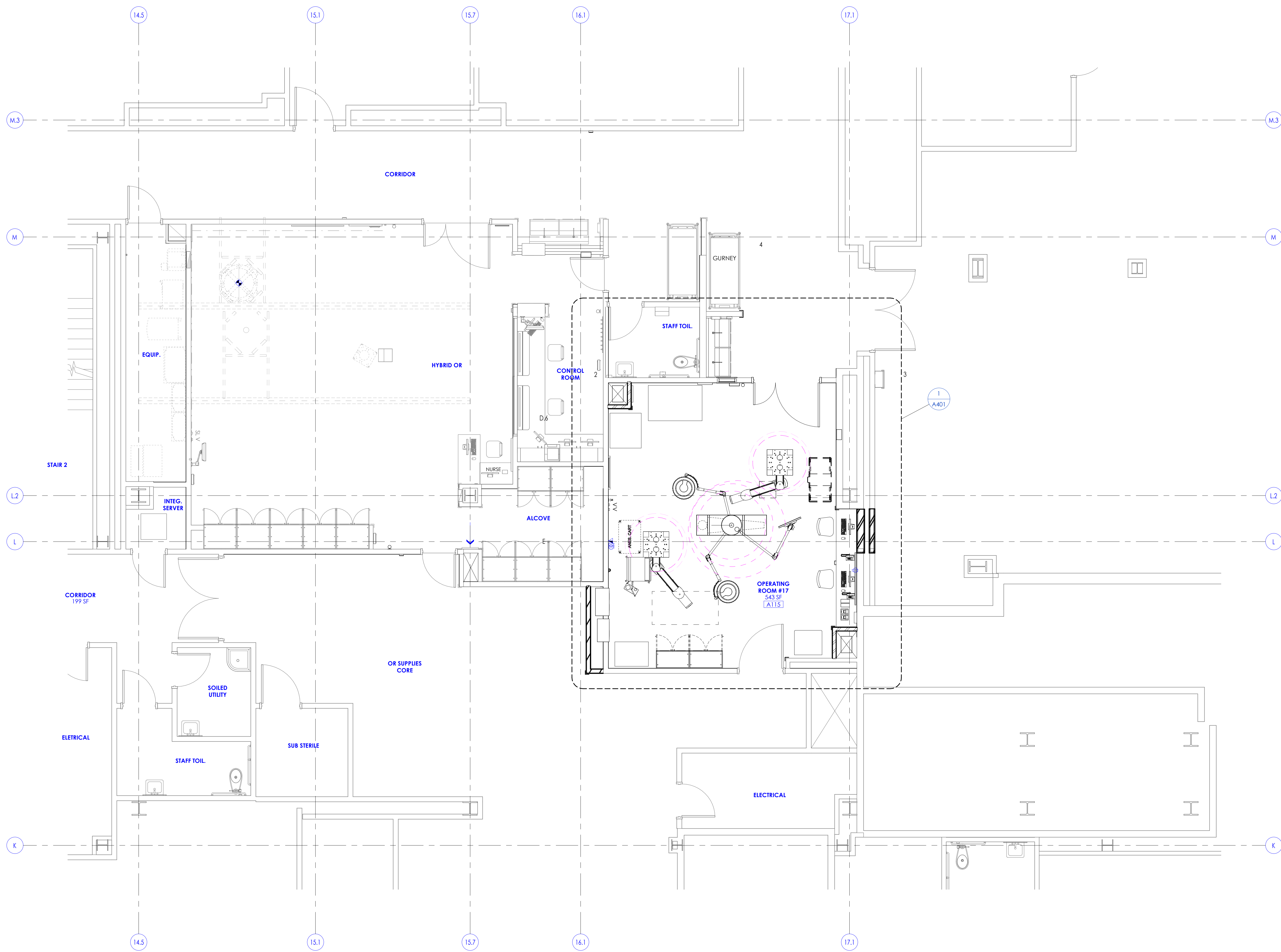
100 Merino Capechi Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Demolition
Floor Plan
Level 2 -
Overall

A121

4/18/2024 4:27:55 PM



1 Floor Plan Level 2
SCALE: 1/4" = 1'-0"

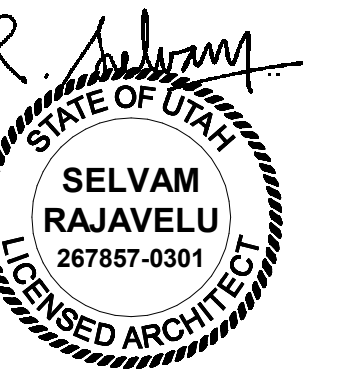
KEYED NOTES

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 AND WINDOW TYPES.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



Intermountain Healthcare
 Primary Children's Hospital
 OR 17

100 Merino Capechi Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Floor Plan
Level 2

A122A

4/18/2024 4:28:00 PM

KEYED NOTES

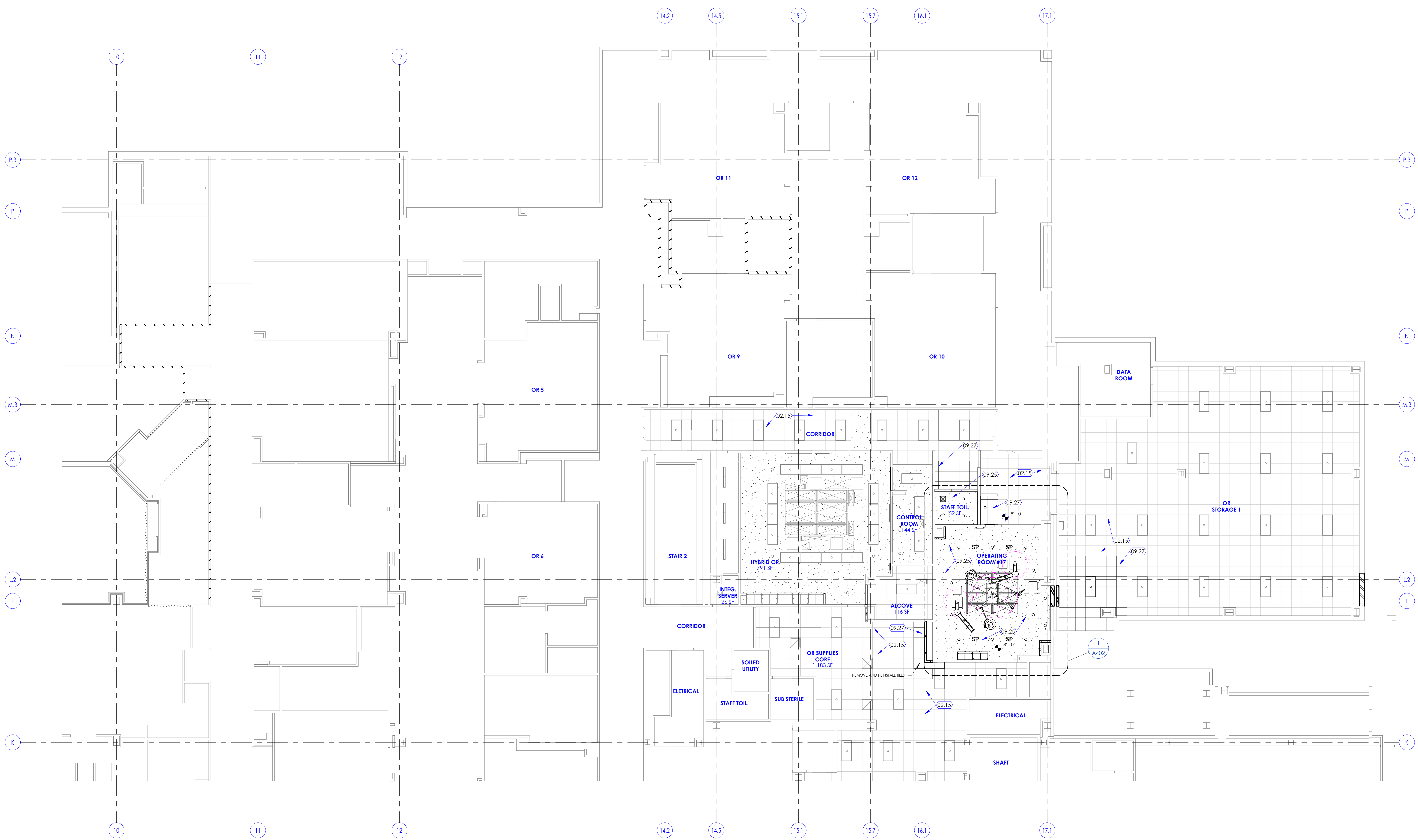
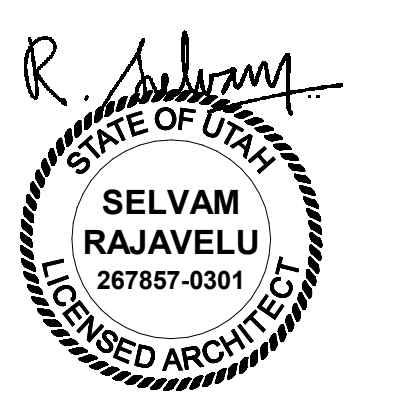
02.15 CEILING, EXISTING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.

09.25 PAINTED GYPSUM BOARD CEILING. SEE CEILING DETAILS ON SHEET A503A.

09.27 PARTIALLY REMOVE AND RE-INSTALL 2'X2' WASHABLE TYPE HOSPITAL GRADE ACOUSTICAL LAY-IN CEILING TILE AND GRID SYSTEM TO MATCH ADJACENT EXISTING OPERATING AREA. PATCH REPAIR AND REPLACE AS REQUIRED IN ORDER TO COMPLETE ABOVE CEILING STRUCTURAL AND MECHANICAL WORK ETC. ELECTRICAL AND MECHANICAL DRAWINGS TO REMOVE AND INSTALL CEILING LIGHTS, DIFFUSERS ETC. SEE ENGINEERING DRAWINGS TO DETERMINE THE EXTENT OF REMOVAL AND RE-INSTALLATION REQUIRED.



NJRA Architects, Inc.
 5223 S. Ascension Way, Suite 350
 Murray, Utah 84123
 801.364.9259
 www.njraarchitects.com



Intermountain Healthcare
Primary Children's Hospital
OR 17

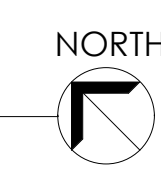
100 Merino Capechi Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
 Construction Documents April 17, 2024

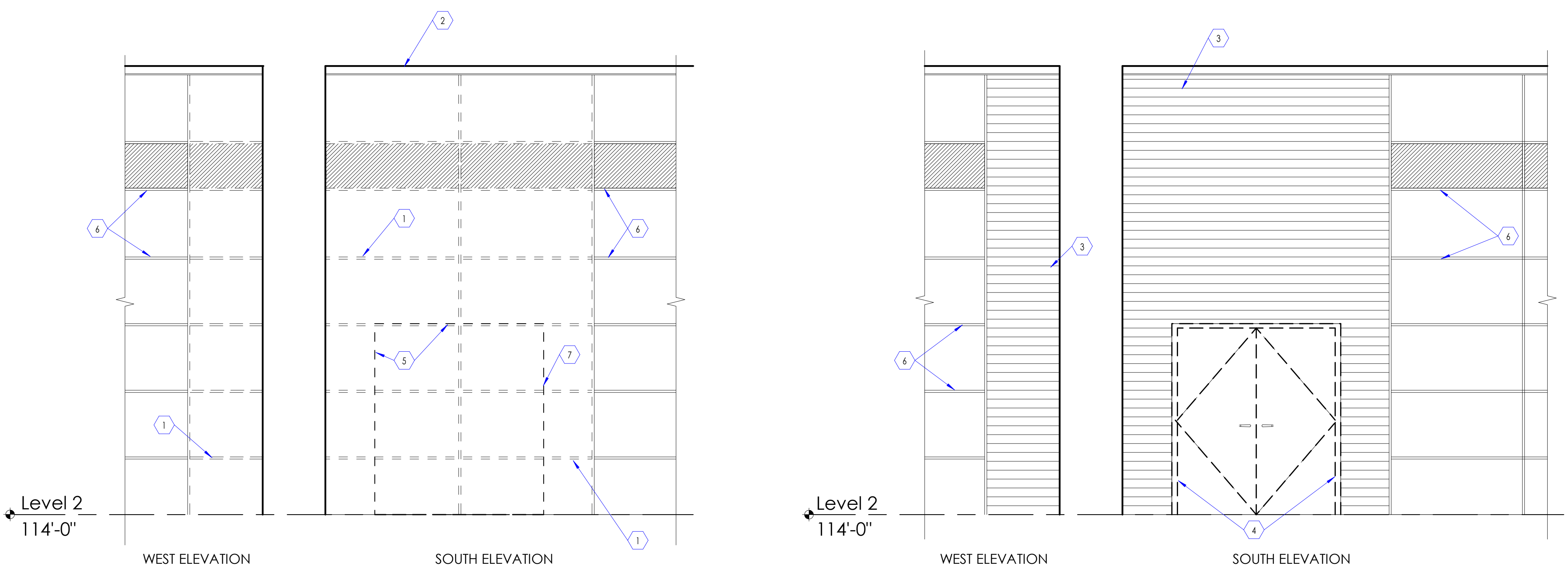
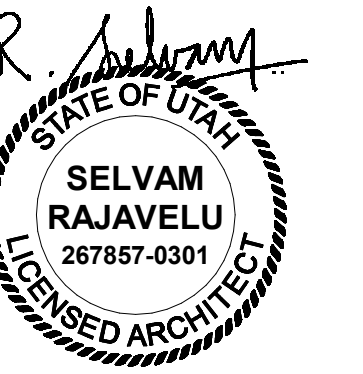
Reflected
 Ceiling Plan
 Level 2 -
 Overall

A124

1 Reflected Ceiling Plan Level 2 - Overall
 SCALE: 1/8" = 1'-0"



4/18/2024 4:26:05 PM

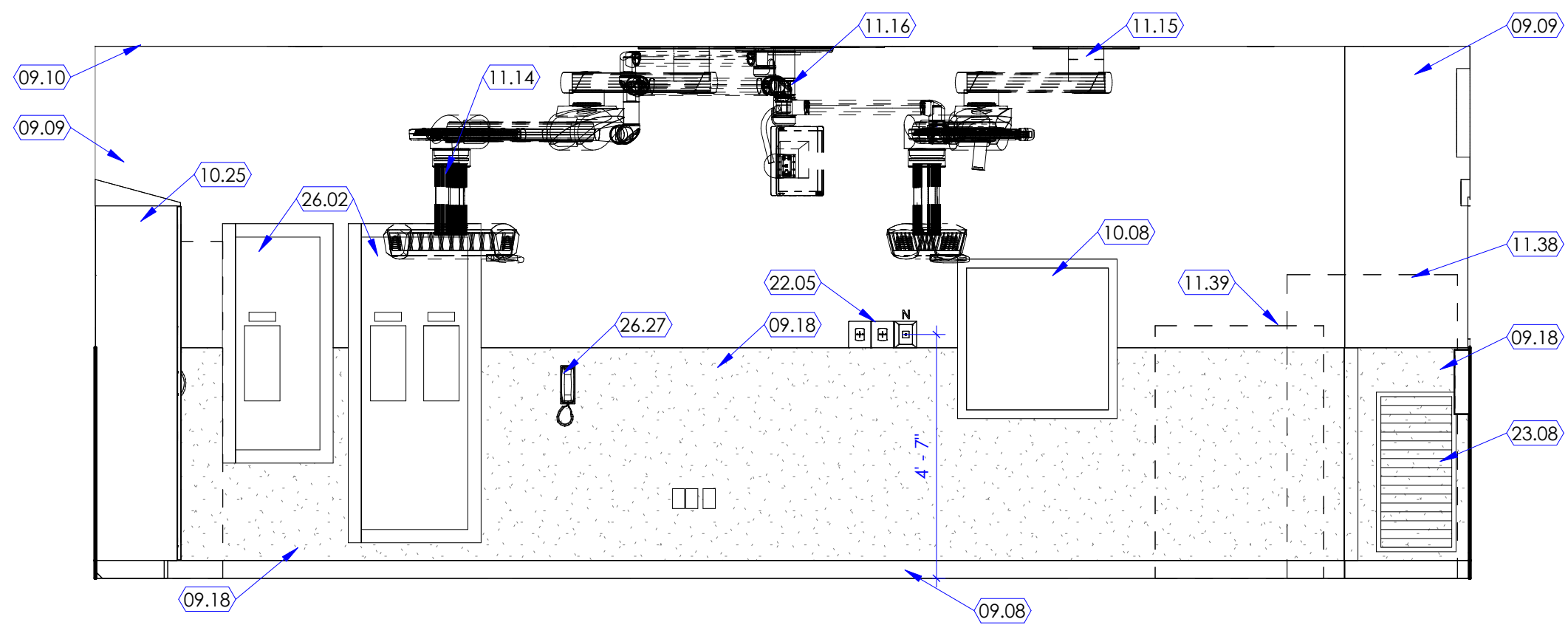


KEYED NOTES

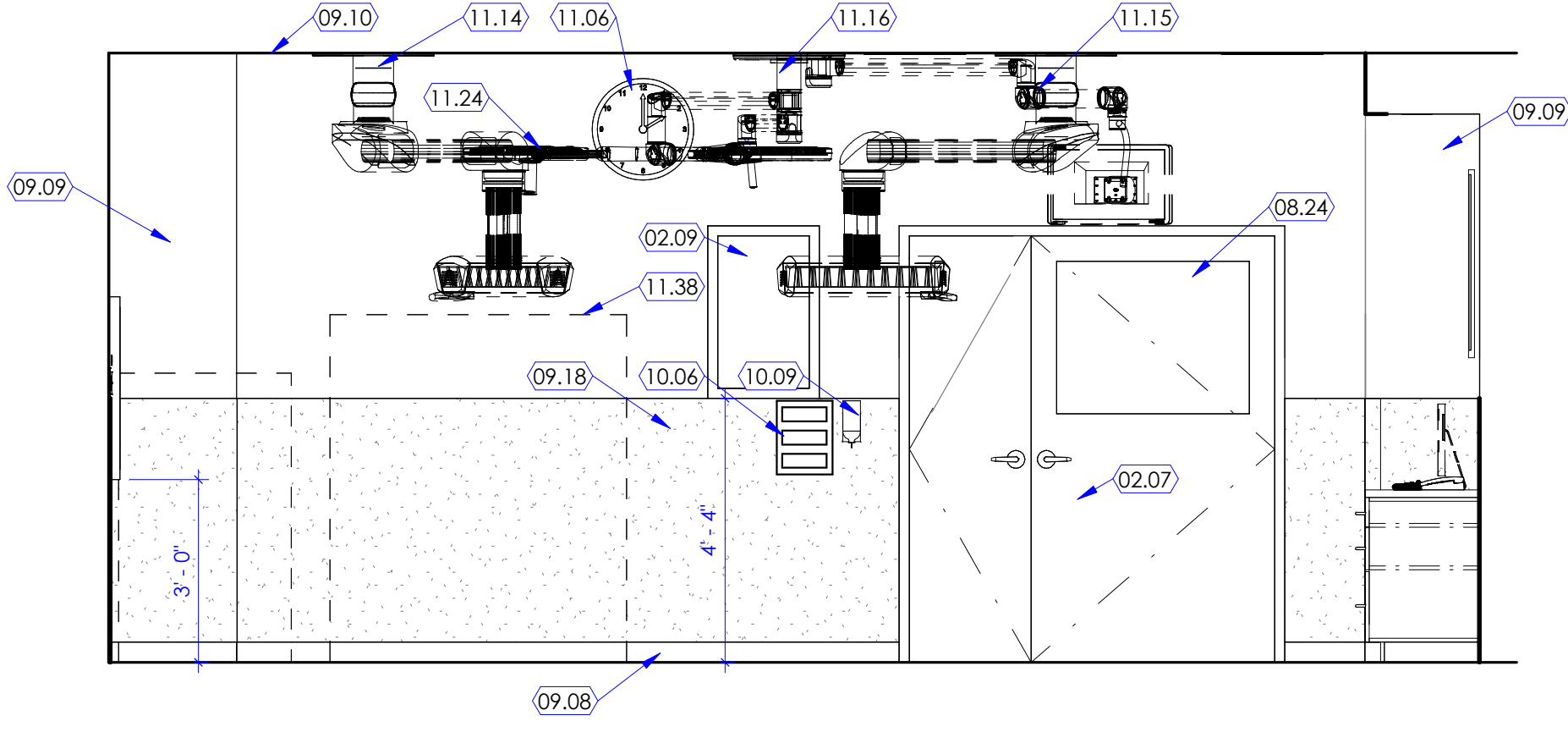
1. REMOVE EXISTING ACM (ALUMINUM COMPOSITE MATERIAL) PANELS INDICATED AS DASHED LINE. STORE PANELS IN A SAFE LOCATION DESIGNATED BY OWNER DURING CONSTRUCTION. INSTALL PANELS BACK AT THE END OF CONSTRUCTION PHASE.
2. ROOF PARAPET WALL COPING. REMOVE COPING AS REQUIRED TO REMOVE ACM PANELS BELOW AT THE START OF THE CONSTRUCTION PHASE. REINSTALL COPING AFTER PANEL REMOVAL AT THE END OF CONSTRUCTION PHASE. REMOVE COPING AGAIN AS REQUIRED TO INSTALL THE ACM PANELS. PROVIDE CAULKING AS REQUIRED FOR A TIGHT SEAL.
3. ALUMINUM SIDING, 4" SLATS ATTACHED TO SHEATHING. TO PROTECT THE EXPOSED EXISTING AIR/WATER BARRIER DURING CONSTRUCTION, PROVIDE TEMPORARY SIDING. AT THE END OF CONSTRUCTION PHASE, REMOVE SIDING AND REINSTALL ACM PANELS. PROVIDE CAULKING AS REQUIRED ALONG EDGES WHERE SIDING ABUTS EXISTING ACM PANELS.
4. EXISTING HOLLOW METAL DOOR AND FRAME IS EMBEDDED IN THE WALL FROM PREVIOUS PROJECT. RE-USE DOOR FOR ACCESS BY CONSTRUCTION CREW AND TO DELIVER MATERIALS. REMOVE DOOR AND FRAME AND INFILL WALL TO CLOSE OFF COMPLETELY AFTER CONSTRUCTION WORK IS COMPLETED.
5. DASHED LINE INDICATES EXISTING WALL TO BE REMOVED FOR NEW ACCESS DOOR. REMOVE GYPSUM BOARD, METAL STUD FRAMING, GYPSUM SHEATHING, INSULATION, CONDUITS IN WALL, ETC. AS REQUIRED. THIS DOOR SHALL BE USED AS AN ACCESS DOOR DURING CONSTRUCTION. AT THE END OF THE CONSTRUCTION PHASE, REMOVE THIS DOOR AND FRAME AND FILL OPENING WITH METAL STUD FRAMING, GYPSUM BOARD SHEATHING, INSULATION, ETC. TO RESTORE BACK TO CONDITION PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BUILD THE ACCESS STAIR WITH METAL SCAFFOLDING PIPES AS REQUIRED FROM LEVEL 1 TO LEVEL 2 ON THE BUILDING EXTERIOR SIDE.
6. ACM PANELS THAT ARE EXISTING TO REMAIN AS IS. PROTECT FROM DAMAGE DURING CONSTRUCTION.
7. EXISTING EXTERIOR STUD FRAMED WALL WITH GYPSUM BOARD SHEATHING INSULATION AND EXTERIOR ALUMINUM PANELS INDICATED WITH DASHED LINE TO BE PARTIALLY REMOVED TEMPORARILY TO CREATE OPENING FOR CONSTRUCTION ACCESS. INFILL WALL AND FINISH TO ORIGINAL CONDITION TO MATCH WITH ADJACENT EXISTING AFTER ALL WORK IS COMPLETED.

Note:
The temporary construction scaffolding is to be used by the General contractor and their sub contractors to access the construction area. This will not be used by general public or hospital staff.

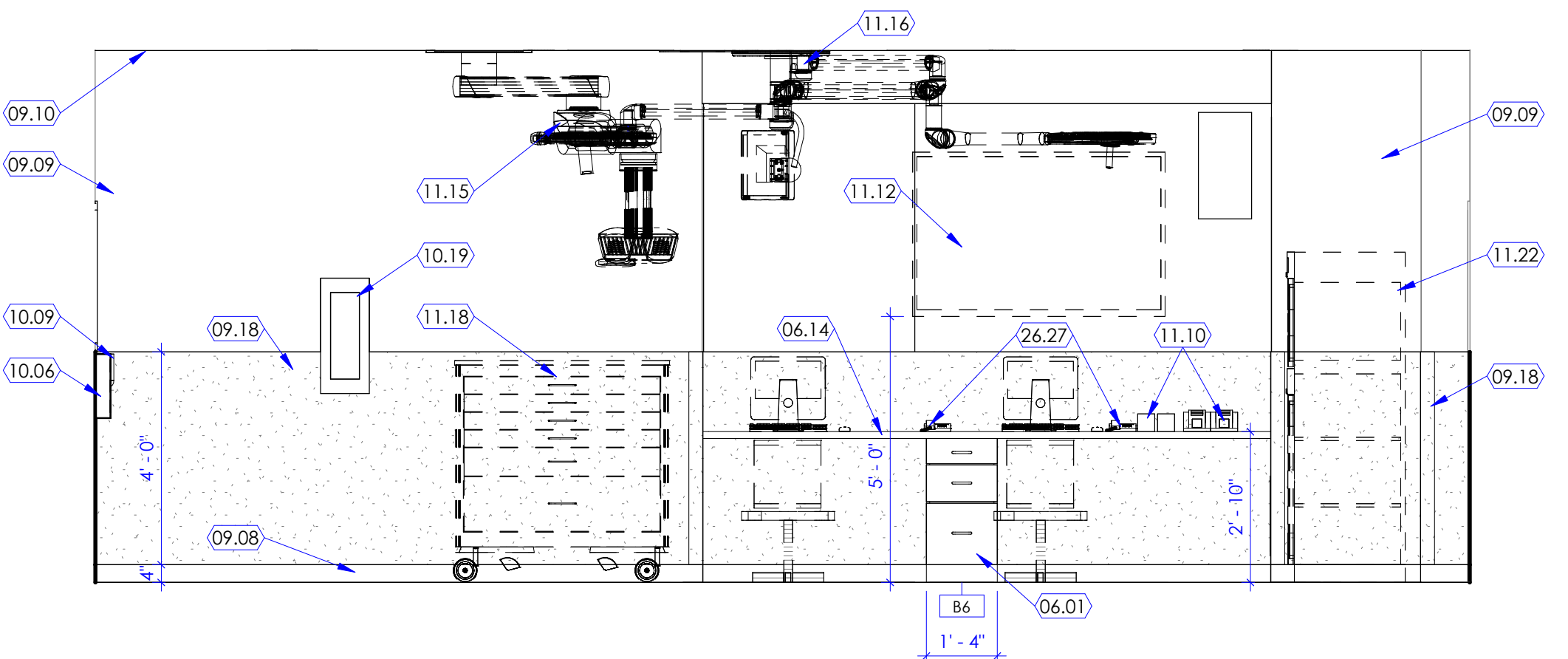
1 Access Door Detail
SCALE: 3/8" = 1'-0"



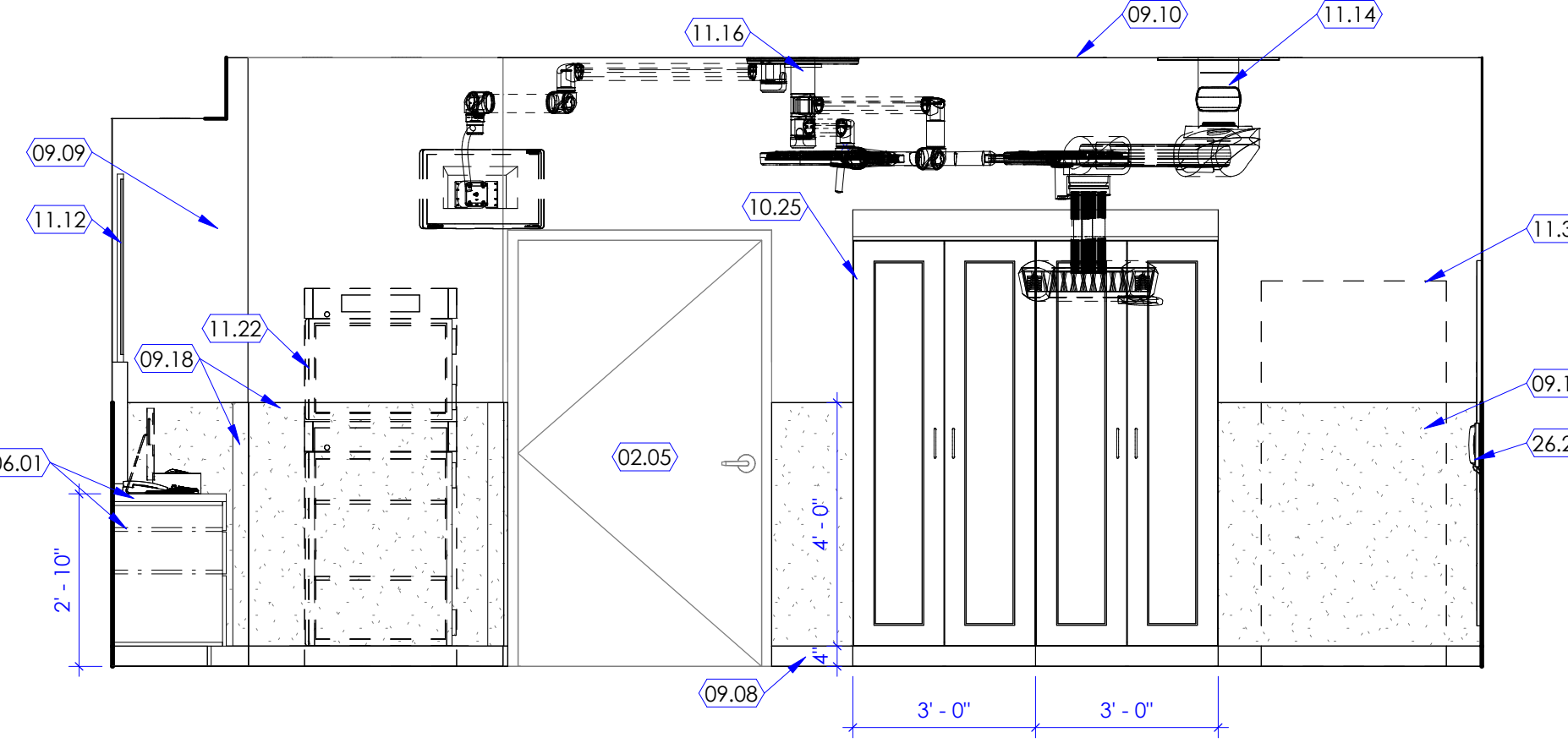
1 OR 17
SCALE: 3/8" = 1'-0"



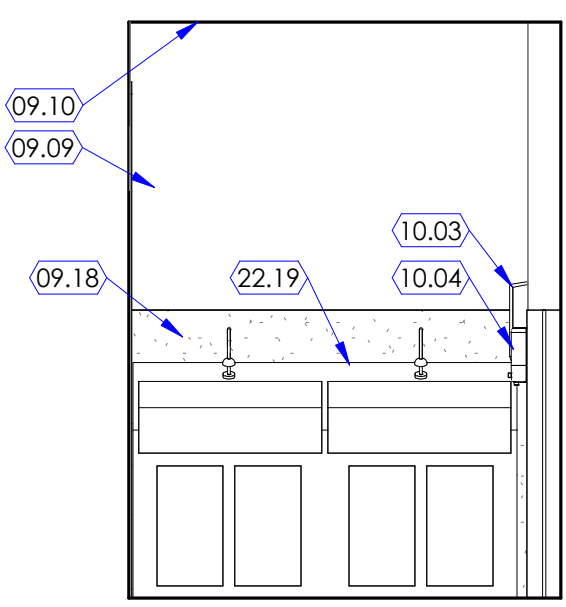
2 OR 17
SCALE: 3/8" = 1'-0"



3 OR 17
SCALE: 3/8" = 1'-0"



4 OR 17
SCALE: 3/8" = 1'-0"



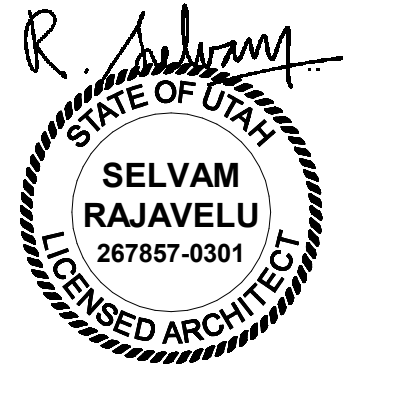
5 Scrub Sink
SCALE: 3/8" = 1'-0"

KEYED NOTE

- 02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
- 02.07 DOOR, FRAME AND HARDWARE, EXISTING TO REMAIN. CUT NEW GLAZED WINDOW OPENING WITH INTEGRAL BLIND AT THE EXISTING DOOR. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. SEE DOOR SCHEDULE SHEET A601A FOR MORE INFORMATION.
- 02.09 WINDOW, EXISTING TO REMAIN. PROTECT WINDOW FROM DAMAGE DURING CONSTRUCTION.
- 06.01 COUNTERTOP, CABINET ETC. SEE CABINET LEGEND ON SHEET 1/A505A AND INTERIOR ELEVATIONS. FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.14 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSLASH. SEE DETAIL 6/A508. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 08.24 PROVIDE INTEGRAL BLIND AT THIS WINDOW.
- 09.08 WALL BASE. SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL BASE TAG.
- 09.09 WALL FINISH. SEE FINISH FLOOR PLANS FOR WALL FINISH INDICATED WITH A WALL FINISH TAG (AS W1, W2, W3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.10 CEILING. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHT AND CEILING TYPE INDICATED WITH A CEILING TAG (AS C1, C2, C3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A, FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH CEILING TAG.
- 09.18 WALL PROTECTION. SEE FINISH FLOOR PLAN FOR WAINSCOT, CORNER GUARDS, ETC. INDICATED WITH A TAG AS WP1, WP2, ETC. SEE FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.06 GLOVE DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.08 3' X 3' WHITE BOARD, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.09 HAND SANITIZER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.19 FIRE EXTINGUISHER AND FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE SEMI-RECESSED IN STUD FRAMED WALL. SEE DETAIL 2/A506A.
- 10.25 STAINLESS STEEL STORAGE CABINETS PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE WITH OWNER'S VENDOR. "INNERSPACE" FOR ALL REQUIREMENTS.
- 11.06 WALL MOUNTED ANALOG CLOCK, OFCI.
- 11.10 ARM BAND AND LABEL PRINTERS, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.12 MONITOR, 55" PROVIDED BY OWNER'S VENDOR STERIS. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE MONITOR. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA ETC. SEE ELECTRICAL DRAWINGS.
- 11.14 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND ANESTHESIA BOOM "C1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.15 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND PATIENT SUPPORT ANESTHESIA BOOM "C2". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.16 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND SURGICAL LIGHT & MONITOR BOOM "B1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.18 24"x48" MOBILE CASE CART, OFCI.
- 11.22 STACKED BLANKET AND FLUID WARMER, OWNER FURNISHED AND INSTALLED. SEE ELECTRICAL DRAWINGS TO PROVIDE POWER.
- 11.24 STERIS CEILING BOOM C5- SURGICAL LIGHT AND MONITOR TANDEM BOOM. SEE EQUIPMENT DRAWINGS FOR MORE INFORMATION.
- 11.37 DAVINCI ROBOT TOWER, OFCI.
- 11.38 DAVINCI XI ROBOT, OFCI.
- 11.39 DAVINCI SURGEON CONSOLE, OFCI.
- 22.05 WALL MOUNTED MED GAS OUTLETS. COORDINATE WITH PLUMBING DRAWINGS.
- 22.19 SCRUB SINK, OFCI. SINK AND IN-WALL CARRIER PROVIDED BY OWNER, INSTALLED BY CONTRACTOR. ALSO SEE M/E/P DRAWINGS.
- 23.08 WALL MOUNTED LOUVER. SEE MECHANICAL DRAWINGS. COORDINATE WITH ARCHITECT FOR LOUVER COLOR. COORDINATE LOCATION OF LOUVER WITH MECHANICAL DRAWINGS.
- 26.02 FULLY RECESSED ELECTRICAL ISOLATION PANELS. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 26.27 WALL MOUNTED PHONE. SEE ELECTRICAL DRAWINGS.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



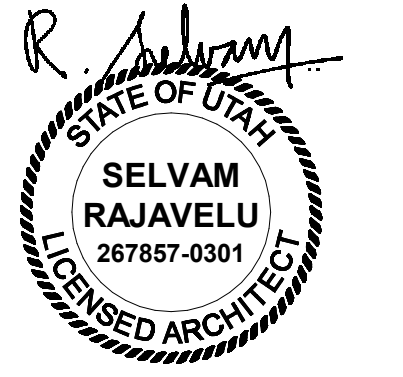
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino, Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Interior Elevations

A253

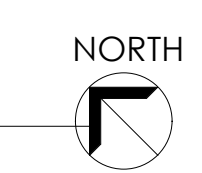
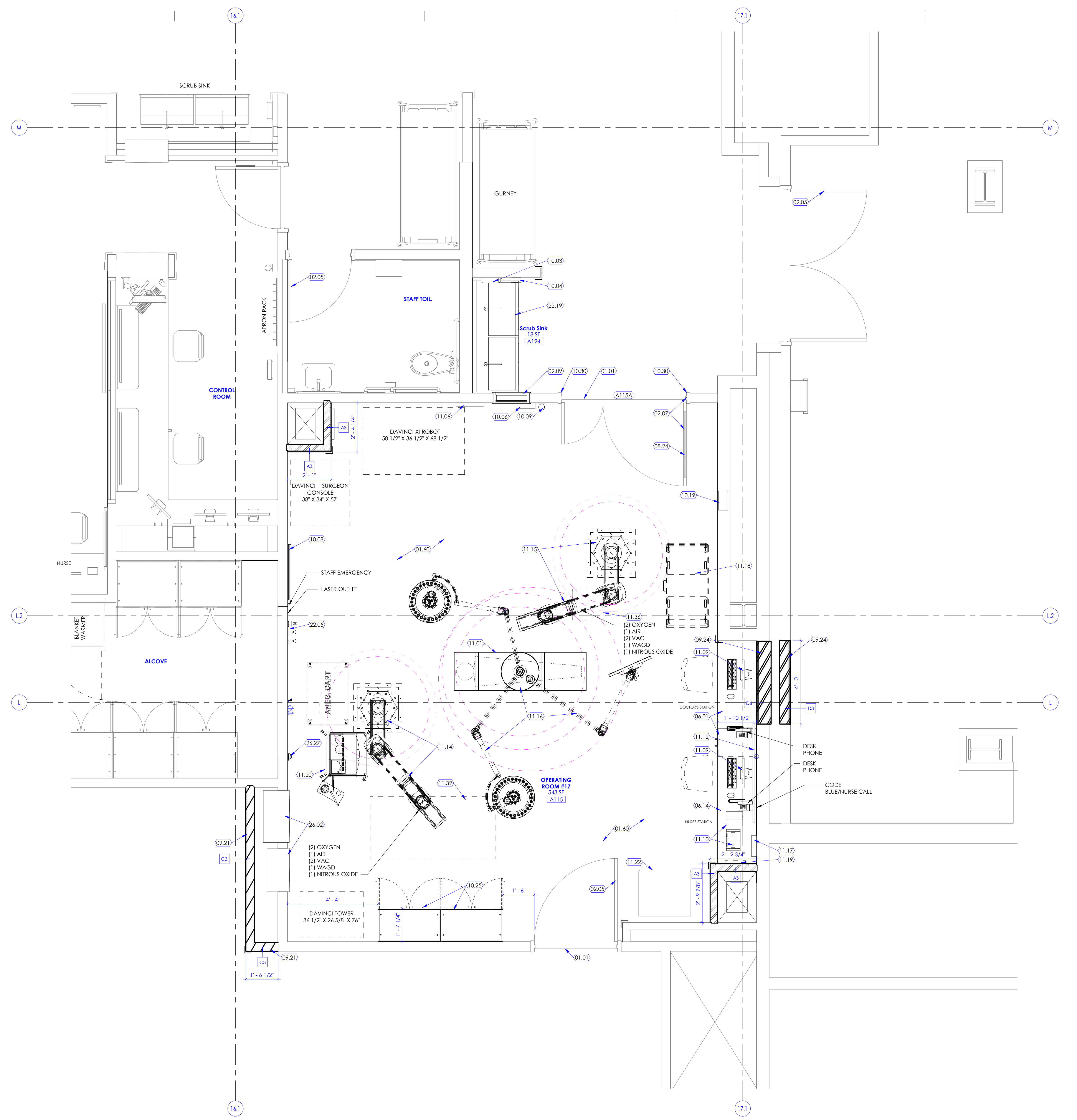


KEYED NOTES

- 01.01 LINE OF TRANSITION BETWEEN DIFFERENT FLOOR FINISHES.
- 01.60 SEE ENLARGED FINISH FLOOR PLAN ON SHEET A403 FOR NEW FINISHES IN THIS AREA. PREPARE EXISTING CONCRETE FLOOR AND USE SELF LEVELING COMPOUND AS REQUIRED TO LEVEL UNEVEN FLOOR.
- 02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
- 02.07 DOOR, FRAME AND HARDWARE, EXISTING TO REMAIN. CUT NEW GLAZED WINDOW OPENING WITH INTEGRAL BLIND AT THE EXISTING DOOR. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. SEE DOOR SCHEDULE SHEET A601A FOR MORE INFORMATION.
- 02.09 WINDOW, EXISTING TO REMAIN. PROTECT WINDOW FROM DAMAGE DURING CONSTRUCTION.
- 06.01 COUNTERTOP, CABINET ETC. SEE CABINET LEGEND ON SHEET 1/AS05A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.14 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 4/AS05B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 08.24 PROVIDE INTEGRAL BLIND AT THIS WINDOW.
- 09.21 PATCH CORRIDOR RESINOUS FLOOR COVERING WHERE NECESSARY TO CREATE A SMOOTH TRANSITION TO NEW WALLS OR NEW RESINOUS FLOOR COVERINGS. SEE FINISH FLOOR PLAN FOR NEW FINISHES AND MORE INFORMATION.
- 09.24 INFILL TEMPORARY CONSTRUCTION OPENING WITH METAL STUD FRAMING, BATT INSULATION, GYPSUM BOARD SHEATHING AND FINISHING TO MATCH EXISTING WALL IN APPEARANCE, FINISH AND FIRE RATING. SEE DIMENSION PLAN AND WALL TYPES FOR MORE INFORMATION.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.06 GLOVE DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.08 3' X 3' WHITE BOARD, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.09 HAND SANITIZER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10.19 FIRE EXTINGUISHER AND FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE SEMI-RECESSED IN STUD FRAMED WALL. SEE DETAIL 2/AS06A.
- 10.25 STAINLESS STEEL STORAGE CABINETS PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE WITH OWNER'S VENDOR- "INNERSPACE" FOR ALL REQUIREMENTS.
- 10.30 PROVIDE STAINLESS STEEL DOOR FRAME PROTECTOR 4'-0" HIGH. PROFILE TO MATCH DOOR FRAME.
- 11.01 PATIENT OPERATING TABLE, OWNER FURNISHED AND INSTALLED.
- 11.06 WALL MOUNTED ANALOG CLOCK, OFCI.
- 11.09 PACS COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 11.10 ARM BAND AND LABEL PRINTERS, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 11.12 MONITOR, 55" PROVIDED BY OWNER'S VENDOR STERIS. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE MONITOR. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA ETC. SEE ELECTRICAL DRAWINGS.
- 11.14 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND ANESTHESIA BOOM "C1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.15 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND PATIENT SUPPORT ANESTHESIA BOOM "C2". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.16 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND SURGICAL LIGHT & MONITOR BOOM "B1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.17 WALL MOUNTED HV1000 INTEGRATION BOX FROM STERIS. OFOI. SEE ELECTRICAL DRAWINGS AND COORDINATE EXACT LOCATION WITH STERIS.
- 11.18 24"X48" MOBILE CASE CART, OFOI.
- 11.19 INTEGRATED WALL CONTROL FOR BOOM EQUIPMENT "K1". SEE EQUIPMENT AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.20 ANESTHESIA CART, OFOI.
- 11.22 STACKED BLANKET AND FLUID WARMER, OWNER FURNISHED AND INSTALLED. SEE ELECTRICAL DRAWINGS TO PROVIDE POWER.
- 11.32 36" X 72" STAINLESS STEEL BACK TABLE, OFOI.
- 11.36 BOVIE MACHINE, OFOI.
- 22.05 WALL MOUNTED MED GAS OUTLETS. COORDINATE WITH PLUMBING DRAWINGS.
- 22.19 SCRUB SINK, OFCI, SINK AND IN-WALL CARRIER PROVIDED BY OWNER, INSTALLED BY CONTRACTOR. ALSO SEE M/E/P DRAWINGS.
- 26.02 FULLY RECESSED ELECTRICAL ISOLATION PANELS. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 26.27 WALL MOUNTED PHONE. SEE ELECTRICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET AS05A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE AND WINDOW TYPES.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



4/18/2024 11:46:42 PM

1 Enlarged Floor Plan
SCALE: 1/2" = 1'-0"

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

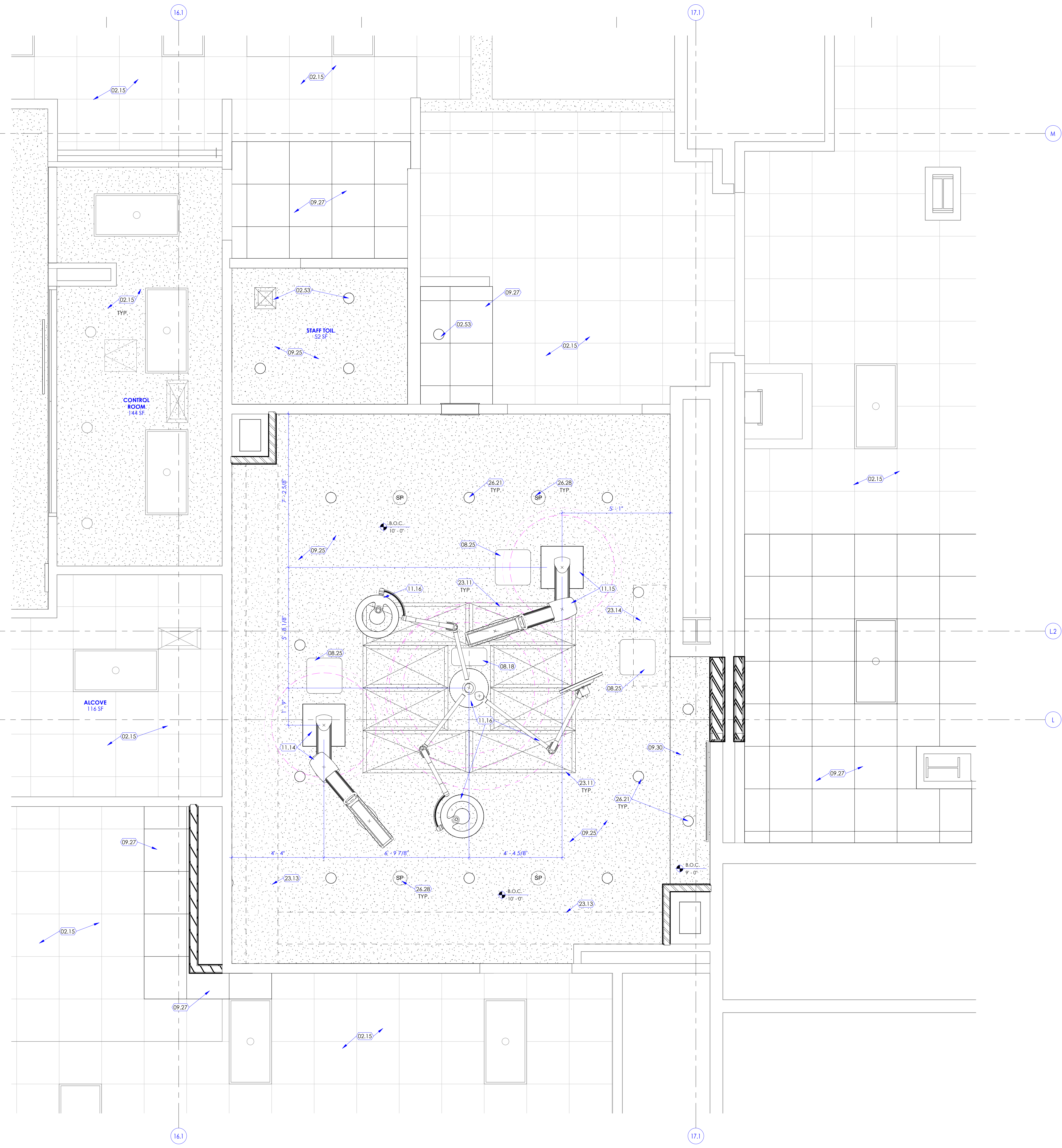
Enlarged
Floor Plan

A401

4/18/2024 4:28:29 PM

1 Enlarged Ceiling Plan

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

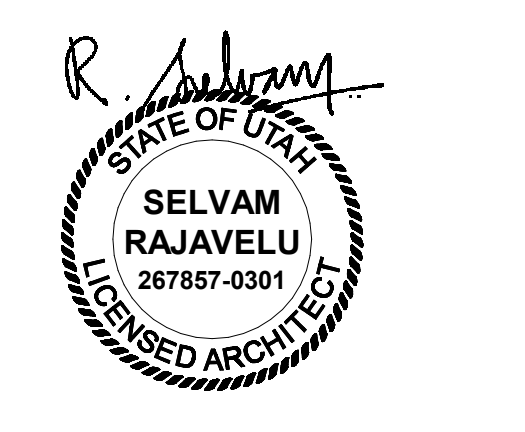


KEYED NOTES

- 02.15 CEILING, EXISTING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.
- 02.53 REMOVE AND RE-INSTALL EXISTING CEILING LIGHT, DIFFUSER ETC IN THIS AREA AFTER ABOVE CEILING WORK IS COMPLETED.
- 08.18 20"x10" GFRG FIBER REINFORCED CUSTOMIZED GASKETED ACCESS DOOR PANEL. PROVIDE CEILING MOUNTED ACCESS DOOR. COORDINATE EXACT LOCATION BASED ON ACCESS REQUIRED TO SERVICE THIS TANDEM BOOM AND MECHANICAL UNITS AND VALVES IN THE CEILING SPACE. FINISH ACCESS PANEL TO MATCH PAINT AND FINISH OF ADJACENT GYPSUM BOARD CEILING. BASIS OF DESIGN: BAUCO PLUS II GASKETED ACCESS PANEL.
- 08.25 20"x20" GFRG FIBER REINFORCED GASKETED ACCESS DOOR PANEL. PROVIDE CEILING MOUNTED ACCESS DOOR. COORDINATE EXACT LOCATION BASED ON ACCESS REQUIRED TO SERVICE BOOMS AND MECHANICAL UNITS AND VALVES IN THE CEILING SPACE. FINISH ACCESS PANEL TO MATCH PAINT AND FINISH OF ADJACENT GYPSUM BOARD CEILING. BASIS OF DESIGN: BAUCO PLUS II GASKETED ACCESS PANEL.
- 09.25 PAINTED GYPSUM BOARD CEILING. SEE CEILING DETAILS ON SHEET A503A.
- 09.27 PARTIALLY REMOVE AND RE-INSTALL 2'X2' WASHABLE TYPE HOSPITAL GRADE ACOUSTICAL LAY-IN CEILING TILE AND GRID SYSTEM TO MATCH ADJACENT EXISTING OPERATING AREA. PATCH REPAIR AND REPLACE AS REQUIRED IN ORDER TO COMPLETE ABOVE CEILING STRUCTURAL AND MECHANICAL WORK ETC. ELECTRICAL AND MECHANICAL DRAWINGS TO REMOVE AND INSTALL CEILING LIGHTS, DIFFUSERS ETC. SEE ENGINEERING DRAWINGS TO DETERMINE THE EXTENT OF REMOVAL AND RE-INSTALLATION REQUIRED.
- 09.30 PAINTED GYPSUM BOARD SOFFIT. SEE DETAIL 9/A503A UNLESS NOTED OTHERWISE WITH A SEPARATE SPECIFIC DETAIL.
- 11.14 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND ANESTHESIA BOOM "C1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.15 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND PATIENT SUPPORT ANESTHESIA BOOM "C2". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL, MED-GAS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 11.16 CEILING MOUNTED EQUIPMENT BOOM MOUNTING PLATE AND SURGICAL LIGHT & MONITOR BOOM "B1". SEE STERIS EQUIPMENT DRAWINGS ALONG WITH STRUCTURAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 23.11 LAMINAR FLOW HVAC CEILING DIFFUSER WITH INTEGRATED LINEAR LED LIGHTING. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 23.13 NEW HVAC DUCT ABOVE CEILING IN THIS AREA. COORDINATE INSTALLATION TO ACHIEVE REQUIRED CEILING HEIGHT. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 23.14 EXISTING CHILLER LINES ABOVE CEILING IN THIS AREA TO BE RELOCATED TO ACHIEVE REQUIRED CEILING HEIGHT. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 26.21 LIGHT FIXTURES, TYPICAL. SEE ELECTRICAL DRAWINGS.
- 26.28 CEILING MOUNTED SPEAKER SYSTEM, OFCL. SEE STERIS INTEGRATION DRAWINGS AND ELECTRICAL FOR MORE INFORMATION.

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 AND WINDOW TYPES.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

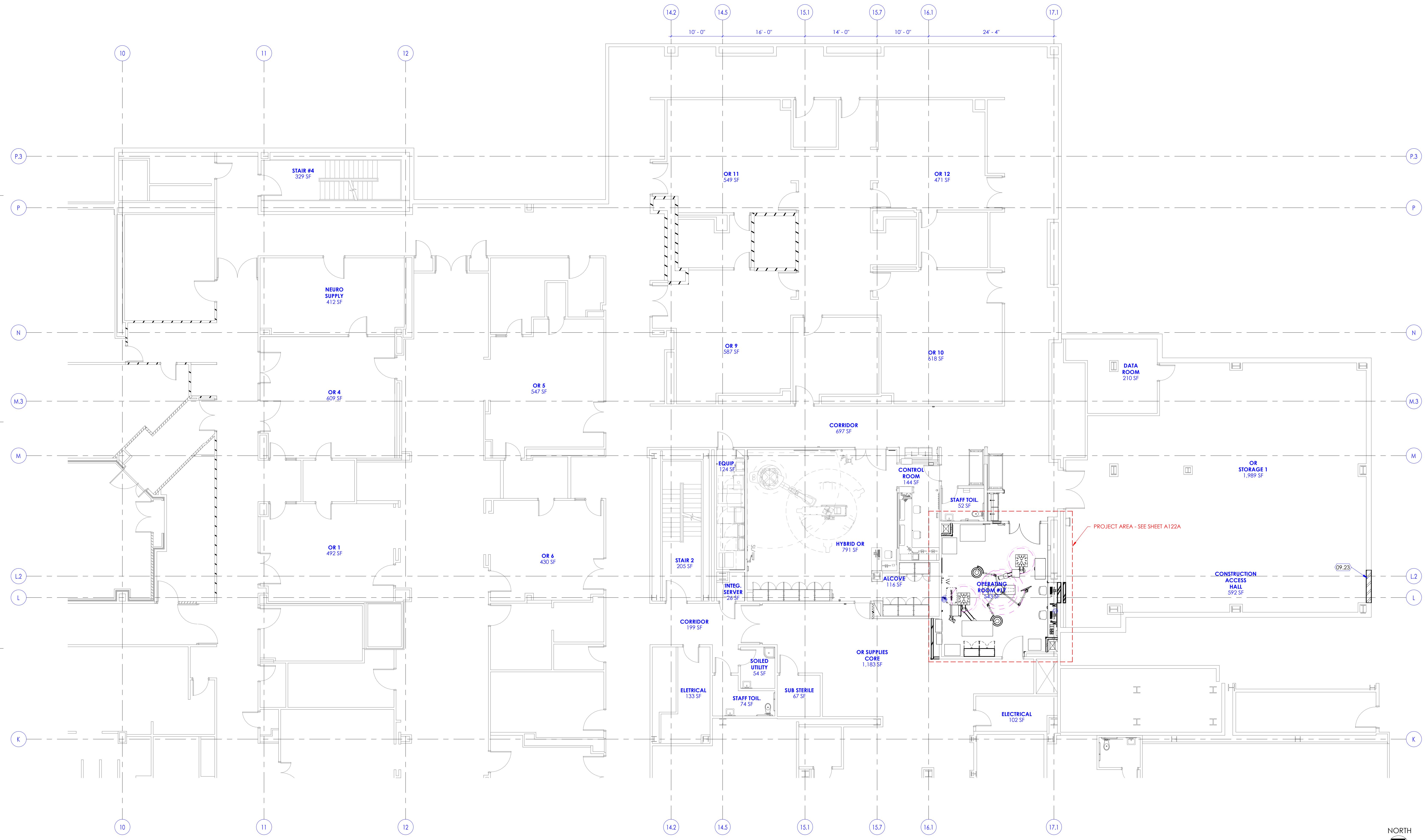
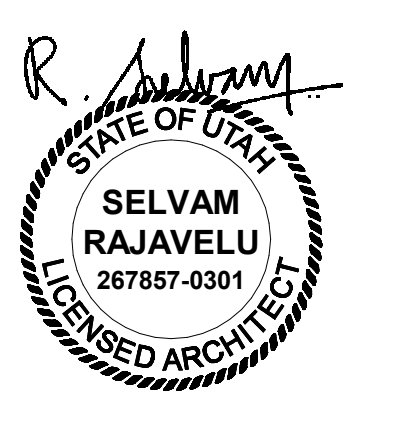


KEYED NOTES

09.23 AFTER THE TEMPORARY CONSTRUCTION ACCESS DOOR IS REMOVED, THE EXTERIOR WALL SHALL BE REPAIRED, PATCHED AND INFILLED WITH METAL STUD FRAMING, INSULATION, GYPSUM SHEATHING, WEATHER PROTECTION AND EXTERIOR METAL CLADDING PANEL TO ORIGINAL CONDITION. COLOR, TEXTURE AND FINISH SHALL MATCH THE ADJACENT EXISTING WALLS.



NJRA Architects, Inc.
 5223 S. Ascension Way, Suite 350
 Murray, Utah 84123
 801.364.9259
 www.njraarchitects.com



Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
 Construction Documents April 17, 2024

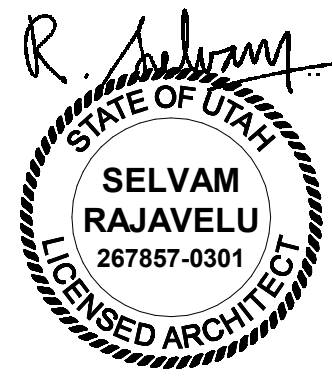
Floor Plan
 Level 2 -
 Overall

A122

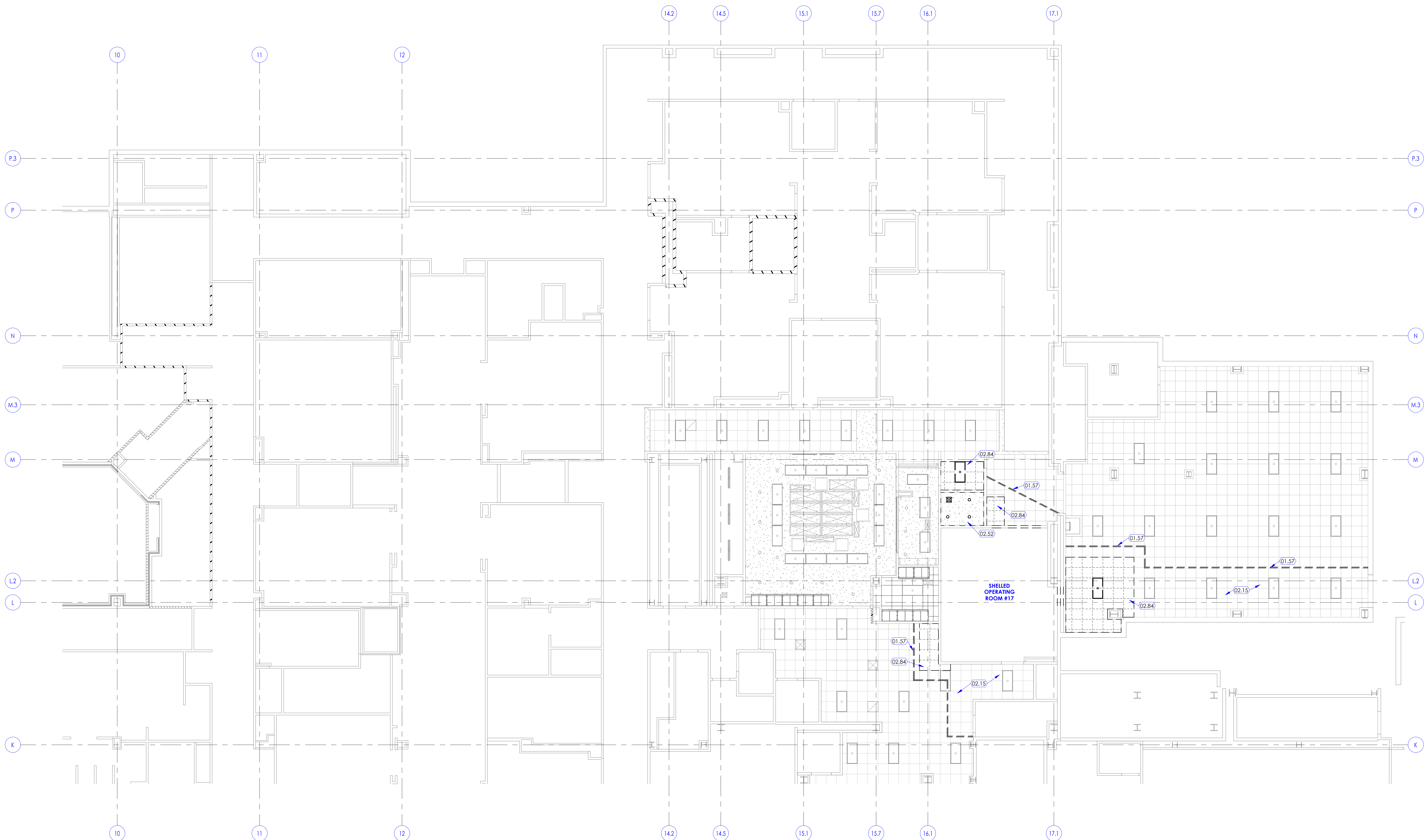
4/18/2024 4:28:34 PM

1 Floor Plan Level 2 - Overall
 SCALE: 1/8" = 1'-0"





KEYED NOTES	
01.57	LINES INDICATE LOCATION OF FLOOR TO CEILING TEMPORARY DUST PROOF ICRA CONSTRUCTION BARRIER WALL TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERECTED WITH POLYCARBONATE PRE-MADE BARRIERS BY STARC OR EQUAL. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER AND INFECTION CONTROL NURSE FOR EXACT LOCATION AND ALL REQUIREMENTS. CONTRACTOR SHALL MAINTAIN NEGATIVE PRESSURE IN THE CONSTRUCTION AREA DURING CONSTRUCTION AS REQUIRED BY THE INFECTION CONTROL COMMITTEE OF THE HOSPITAL.
02.15	CEILING, EXISTING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.
02.52	EXISTING GYPSUM CEILING, LIGHTS, DIFFUSERS ETC. TO BE REMOVED AS REQUIRED FOR REMODEL AND ABOVE CEILING WORK. SEE REFLECTED CEILING PLAN FOR NEW CEILING. ALSO SEE ELECTRICAL AND MECHANICAL DRAWINGS, RE-INSTALL CEILING LIGHTS DIFFUSERS AFTER WORK IS COMPLETED.
02.84	EXISTING LAY IN CEILING, GRIDS, LIGHTS, DIFFUSERS ETC. TO BE REMOVED AS REQUIRED FOR ABOVE CEILING WORK. COORDINATE WITH LEVEL 2 FLOOR PLANS AND MECHANICAL PLUMBING DRAWINGS FOR EXTENT OF REMOVAL. CEILING, GRIDS, LIGHTS AND DIFFUSERS TO BE REINSTALLED AFTER WORK IS COMPLETED.



1 Reflected Ceiling Demolition Plan Level 2 - Overall
SCALE: 1/8" = 1'-0"

4/18/2024 4:25:35 PM

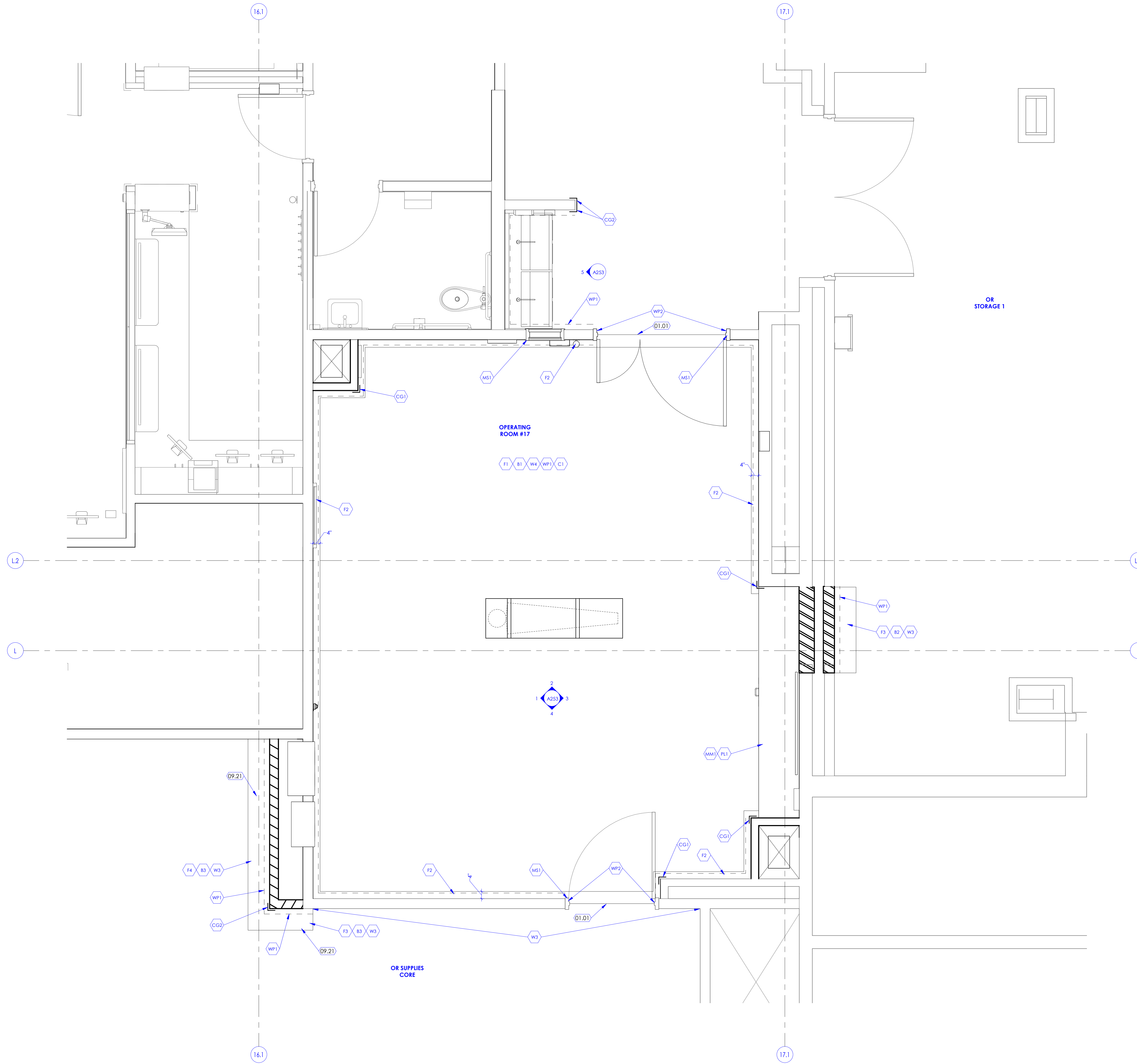
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merit Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Demolition
Reflected
Ceiling Plan
Level 2 -
Overall
A123

4/18/2024 4:28:43 PM



1 Finish Floor Plan Level 2
SCALE: 1/2" = 1'-0"

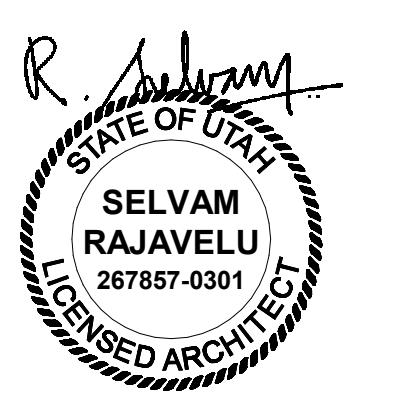
KEYED NOTES

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 AND WINDOW TYPES.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



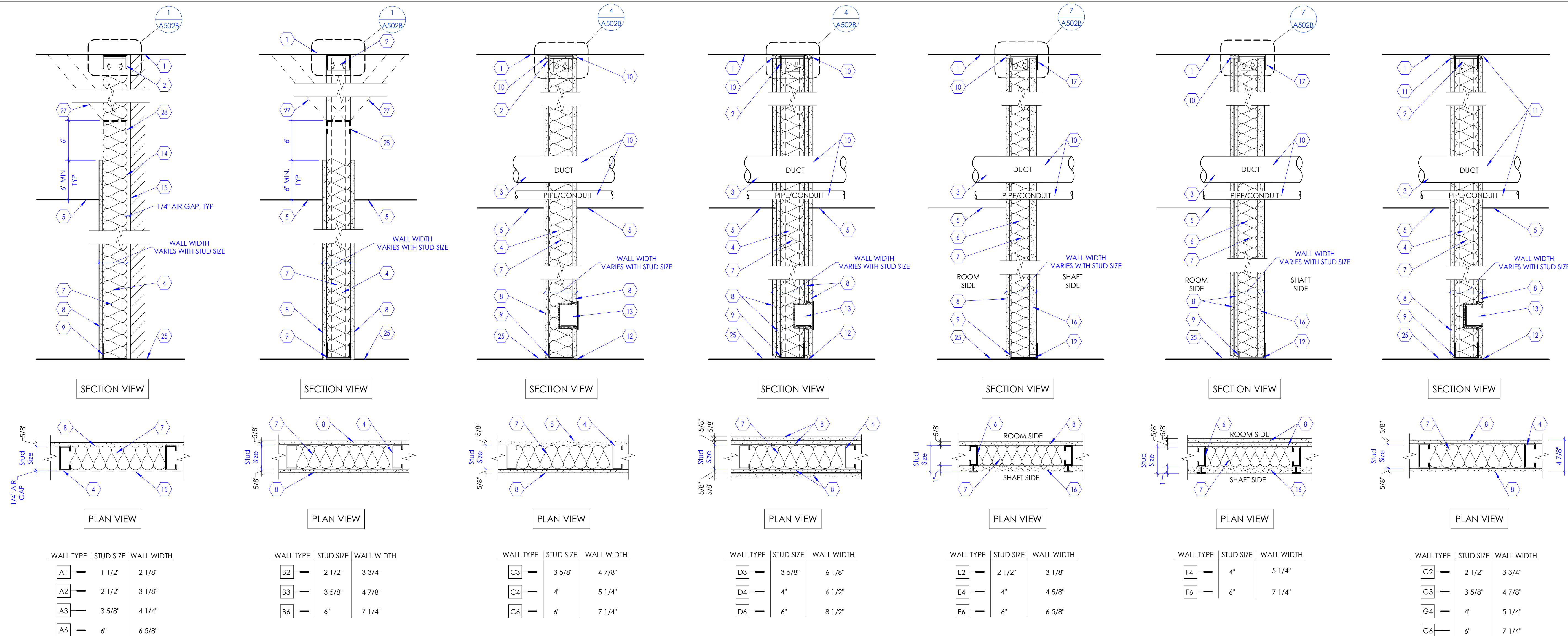
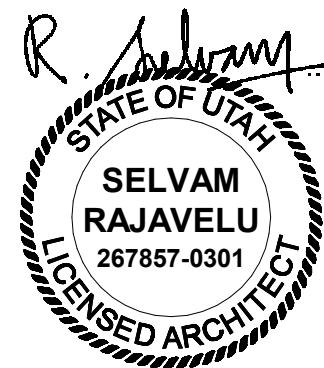
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Enlarged
Finish Plan

A403



WALL TYPE	STUD SIZE	WALL WIDTH
A1	1 1/2"	2 1/8"
A2	2 1/2"	3 1/8"
A3	3 5/8"	4 1/4"
A4	6"	6 5/8"

WALL TYPE	STUD SIZE	WALL WIDTH
B2	2 1/2"	3 3/4"
B3	3 5/8"	4 7/8"
B6	6"	7 1/4"

WALL TYPE	STUD SIZE	WALL WIDTH
C3	3 5/8"	4 7/8"
C4	4"	5 1/4"
C6	6"	7 1/4"

WALL TYPE	STUD SIZE	WALL WIDTH
D3	3 5/8"	6 1/8"
D4	4"	6 1/2"
D6	6"	8 1/2"

WALL TYPE	STUD SIZE	WALL WIDTH
E2	2 1/2"	3 1/8"
E4	4"	4 5/8"
E6	6"	6 5/8"

WALL TYPE	STUD SIZE	WALL WIDTH
F4	4"	5 1/4"
F6	6"	7 1/4"

WALL TYPE	STUD SIZE	WALL WIDTH
G2	2 1/2"	3 3/4"
G3	3 5/8"	4 7/8"
G4	4"	5 1/4"
G6	6"	7 1/4"

Type - A
Metal Stud
Furring Wall

Type - B
Typical Metal
Stud Wall

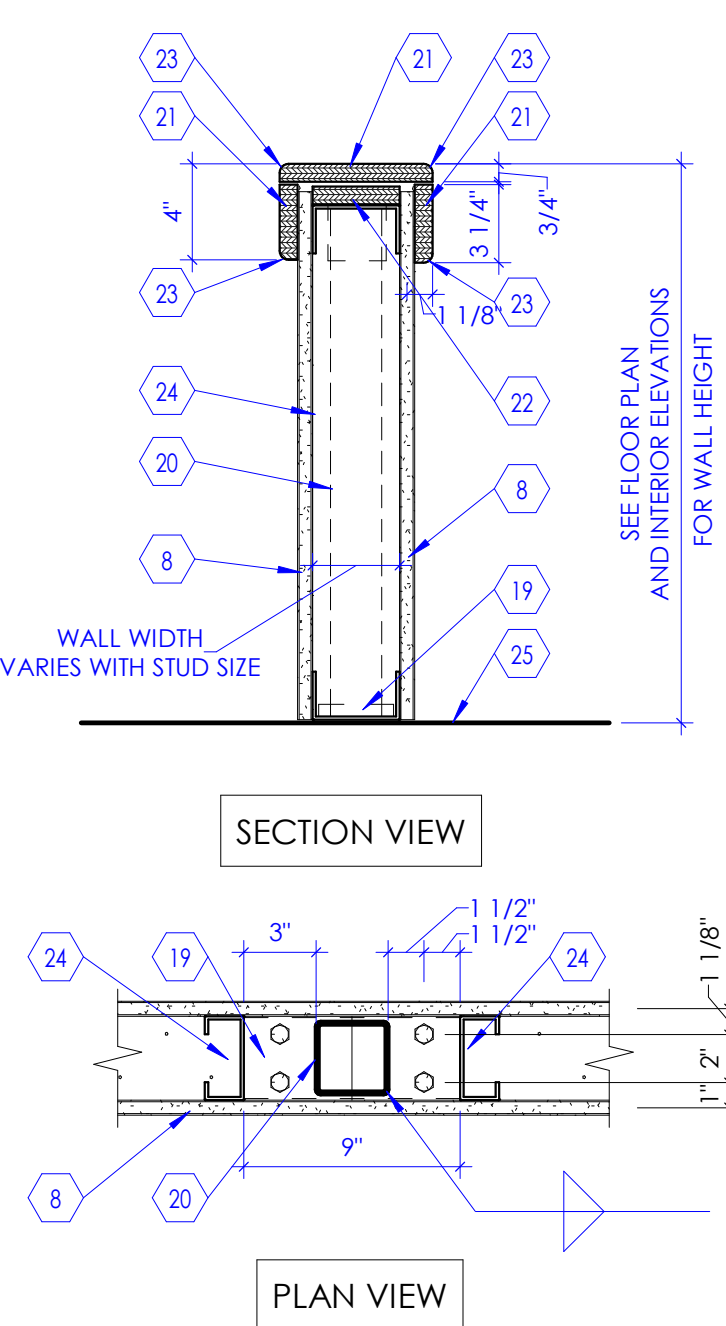
Type - C
1 Hour Fire Rated

Type - D
2 Hour Fire Rated

Type - E
1 Hour Fire Rated
Shaft Wall

Type - F
2 Hour Fire Rated
Shaft Wall

Type - G
Smoke Partition



WALL TYPE	STUD SIZE	WALL WIDTH
P3	3 5/8"	4 7/8"
P4	4"	5 1/4"
P6	6"	7 1/4"

Type - P
Partial Height Wall

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 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 6 / A502B
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11 / A502A
- METAL STUDS, 20 GA STRUCTURAL (33 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. U.N.O. 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 WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL. SEE UL DESIGN WL1085.
- 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. SEE UL DESIGN WL1085.
- 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, J 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 3/16" 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 (33 MIL) AT 16" O.C. PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 3-5/8" 20 GA STUDS AT 4'-0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- 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 3-5/8" 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.

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 3-5/8" 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 4" OR 6", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3-5/8" 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 3 / A502B AND 8 / 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 3 / A502B AND 8 / A502B
- 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 Healthcare
Primary Children's Hospital
OR 17

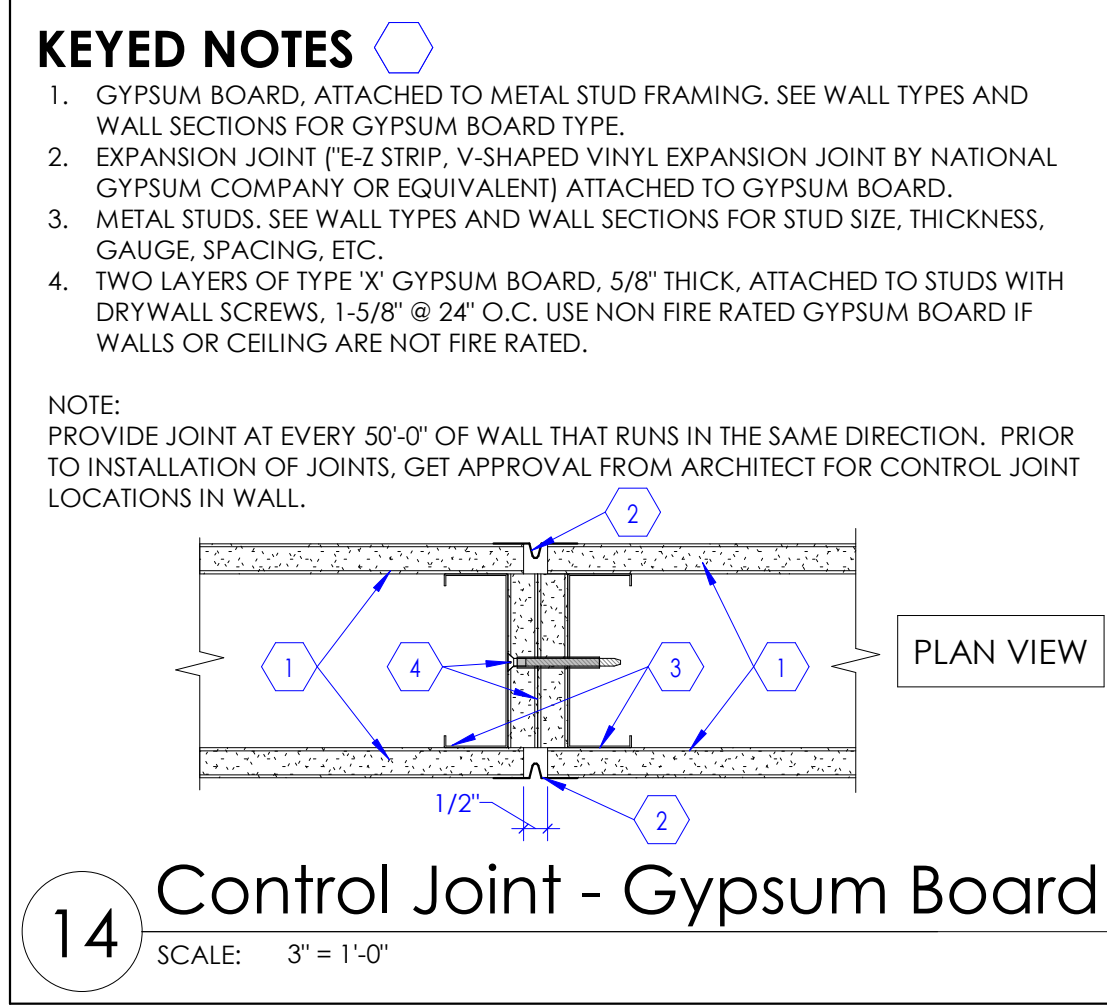
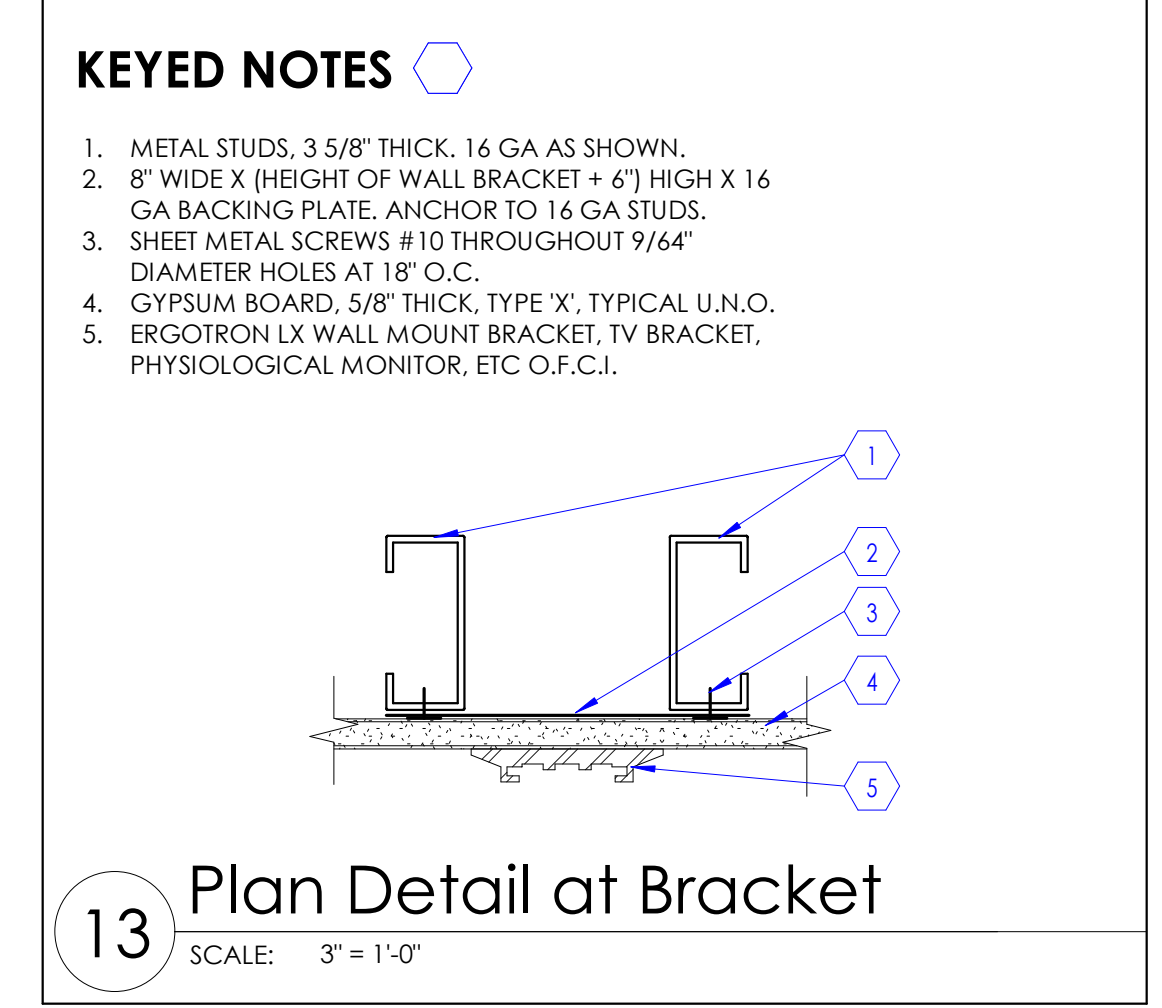
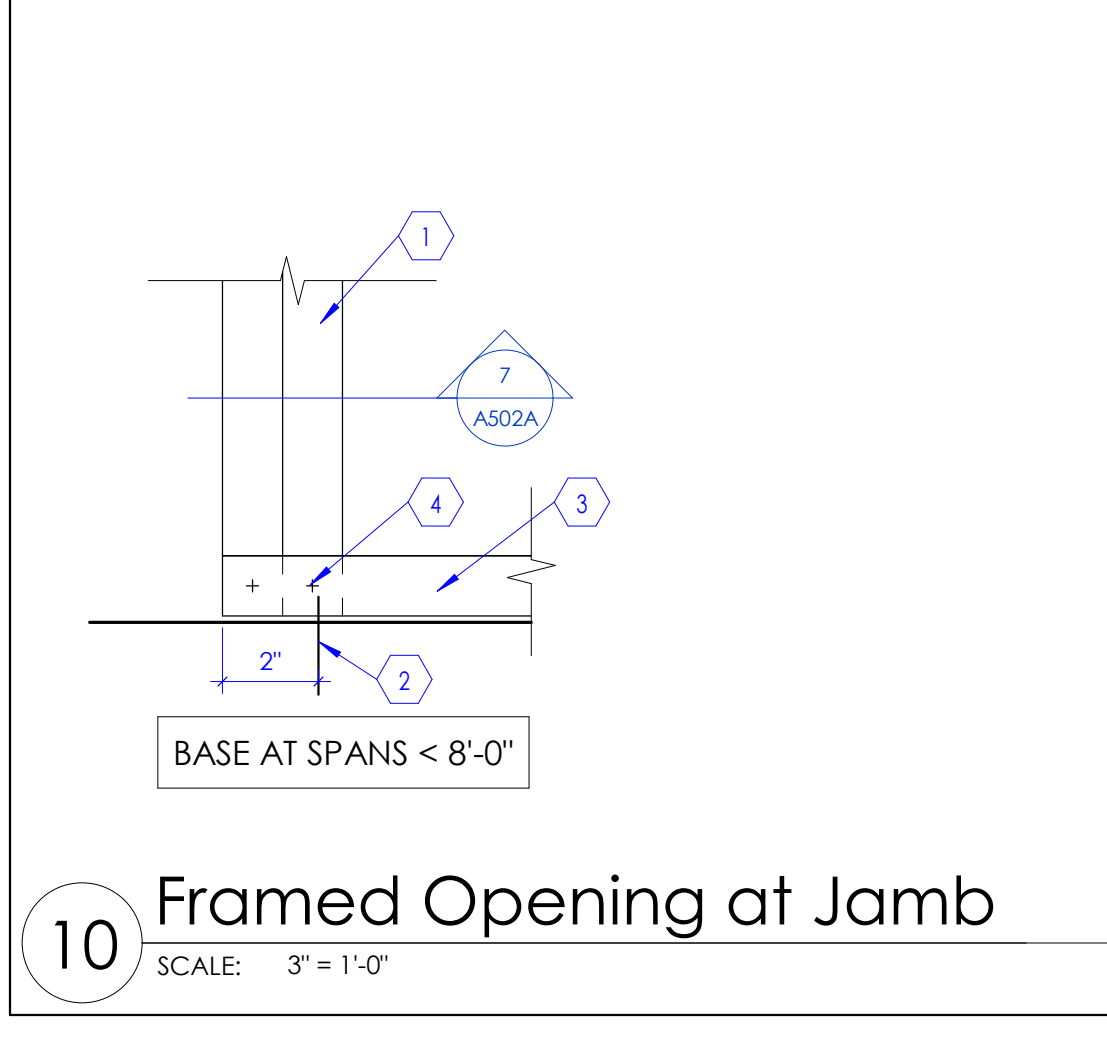
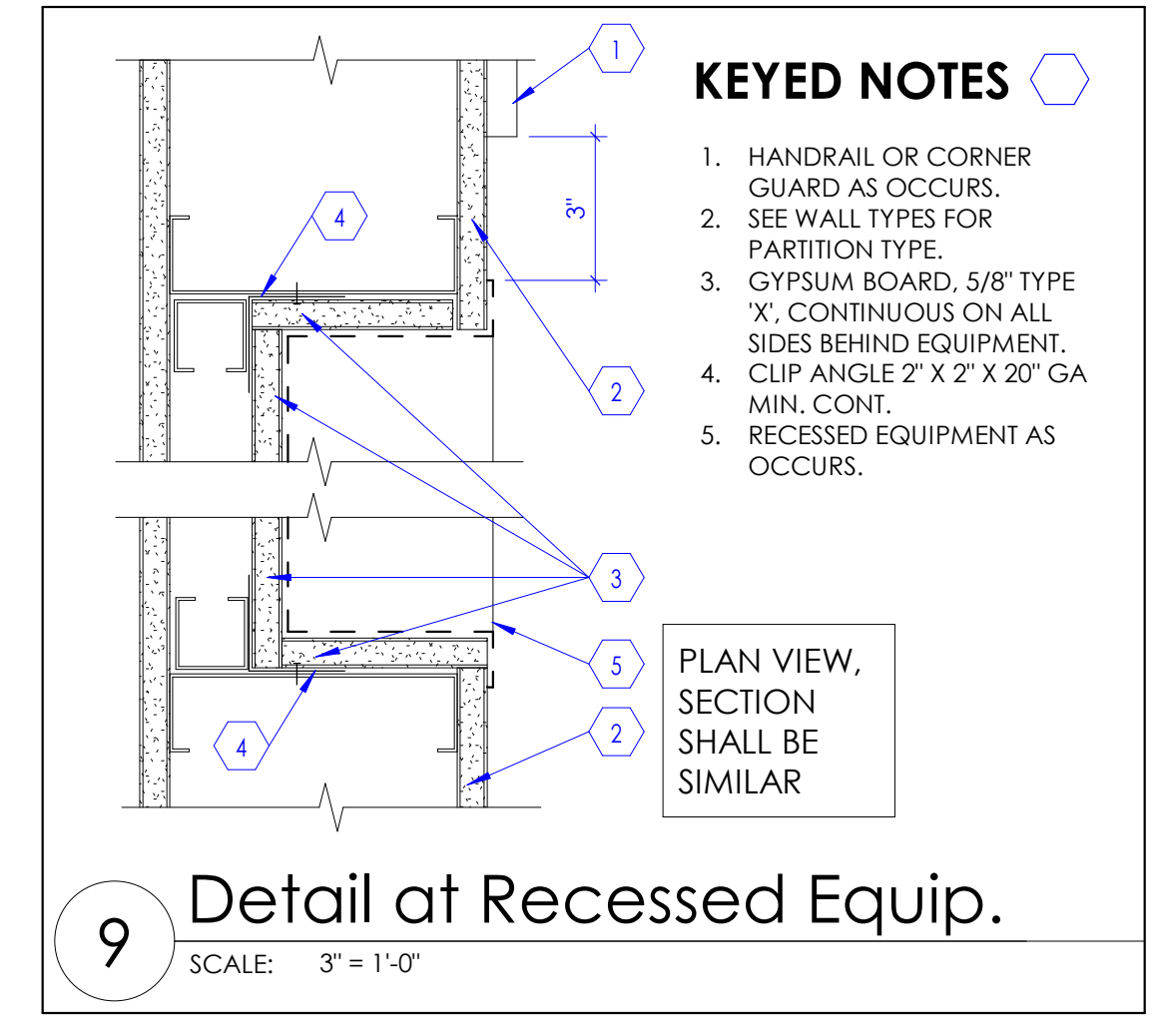
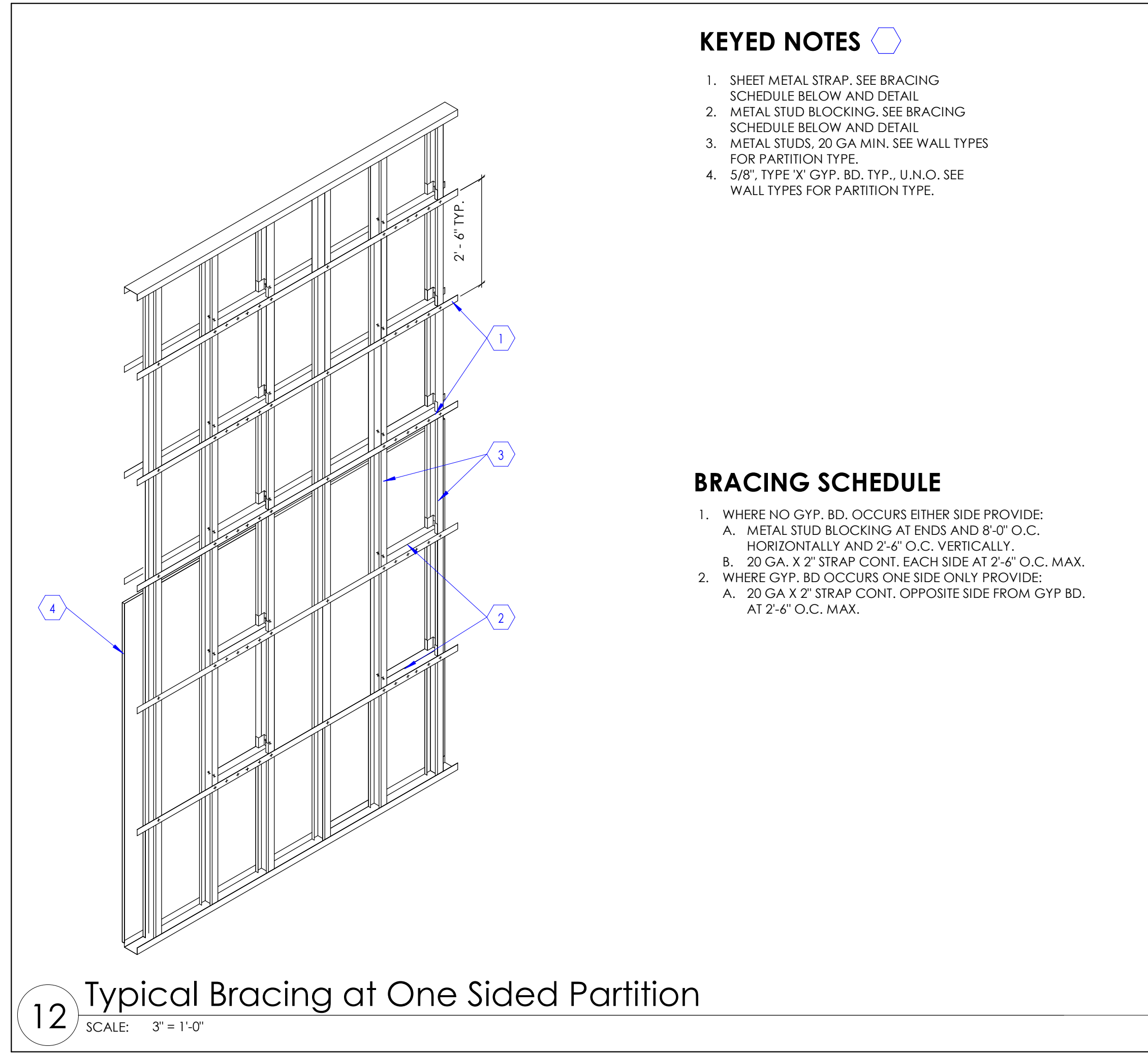
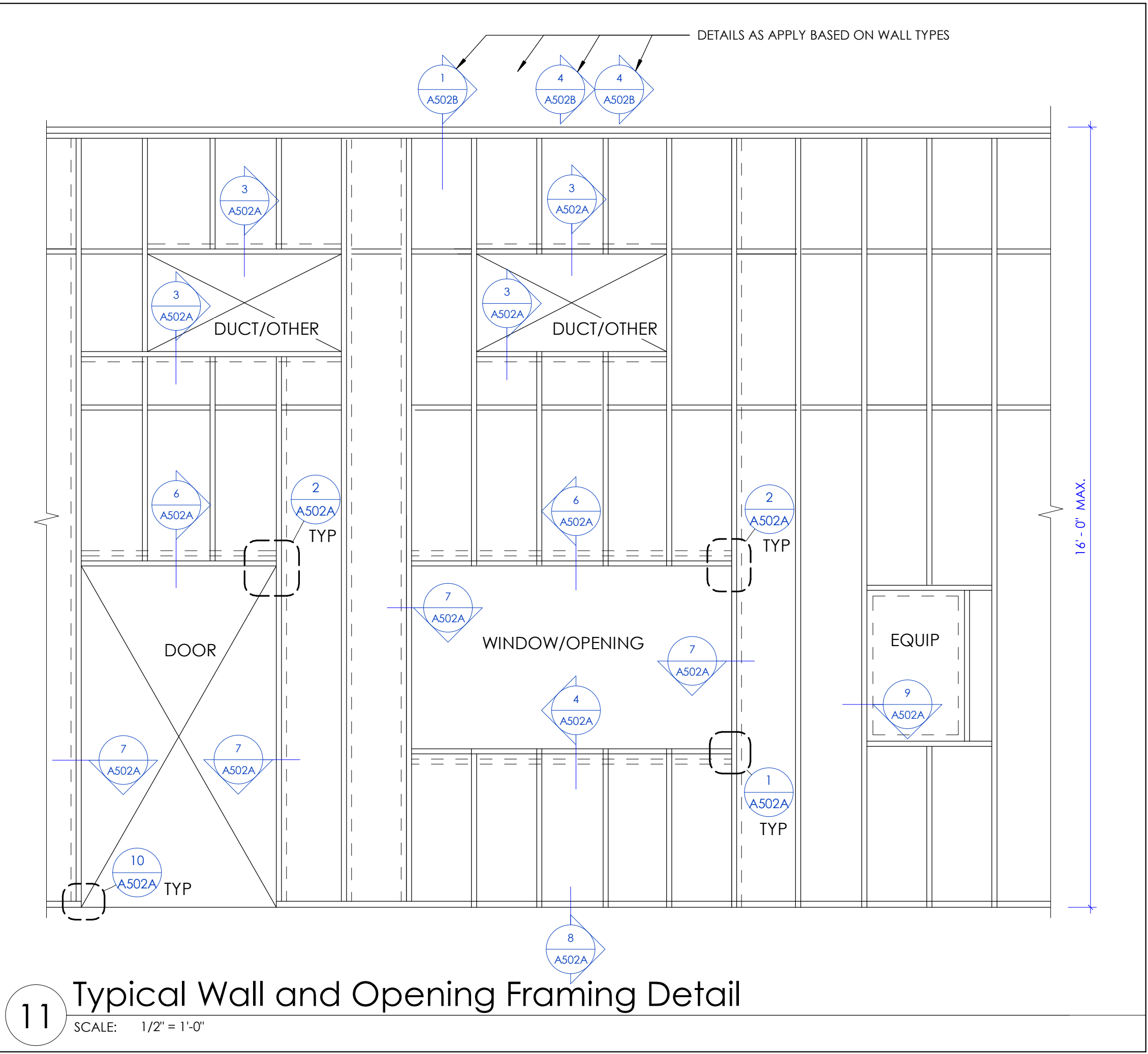
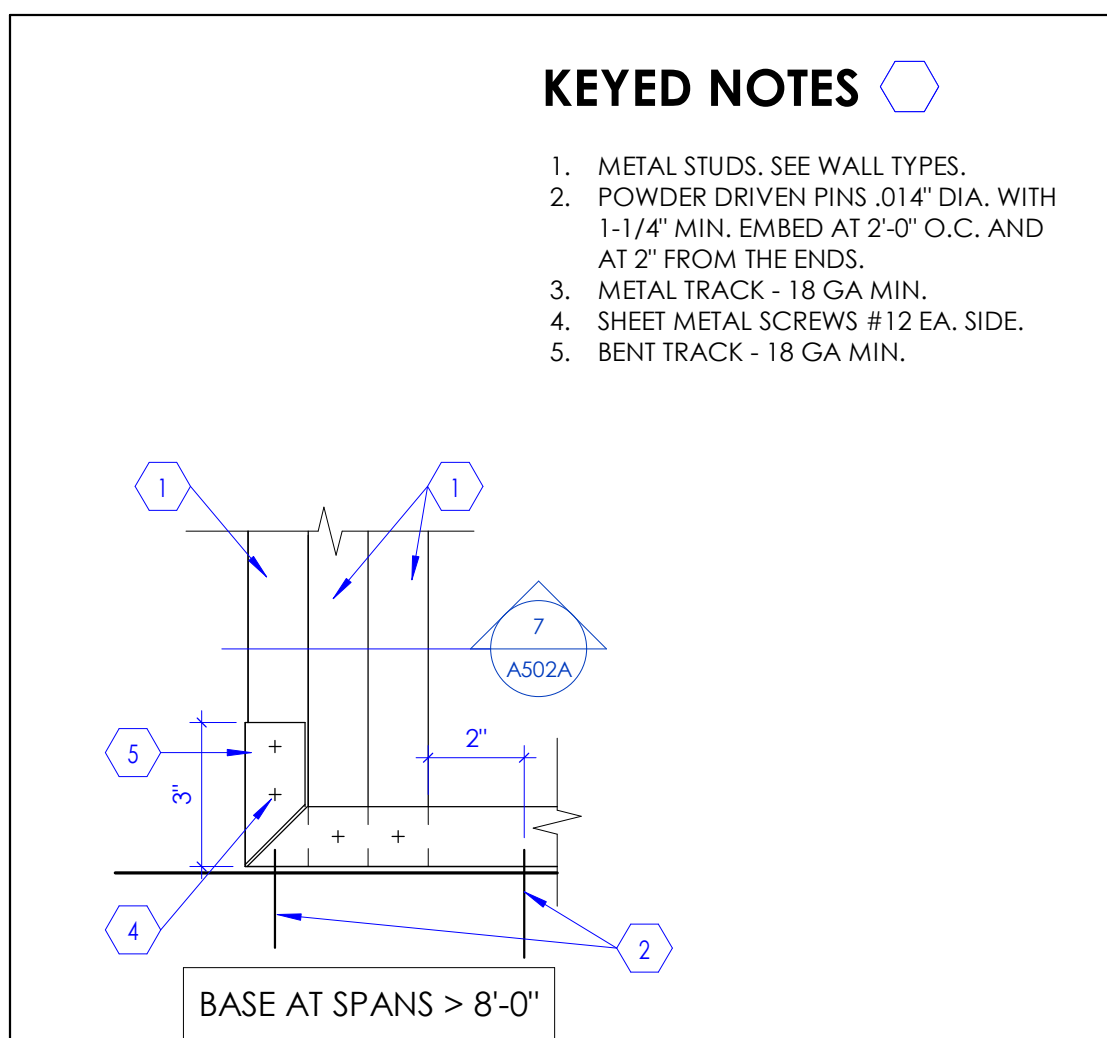
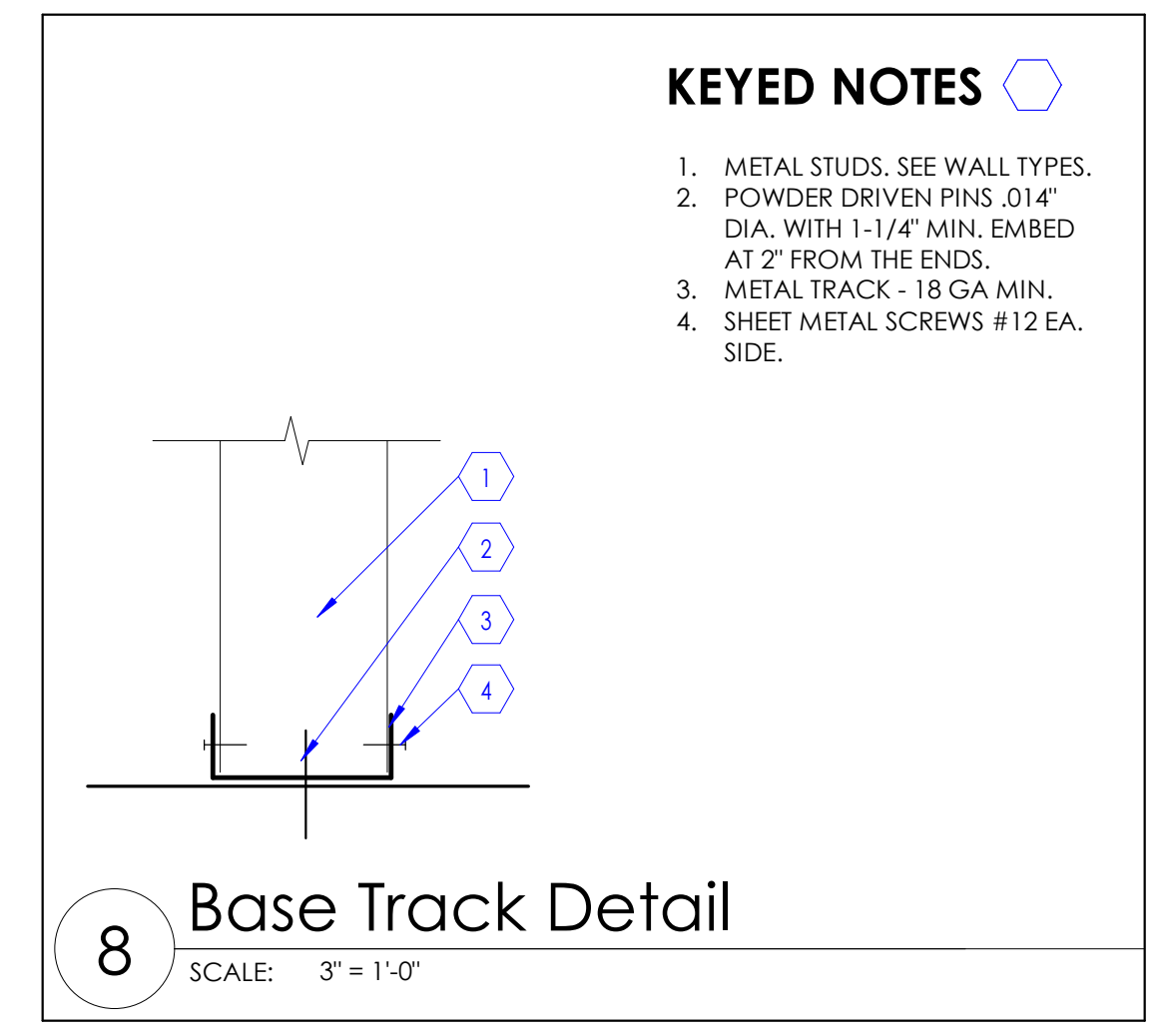
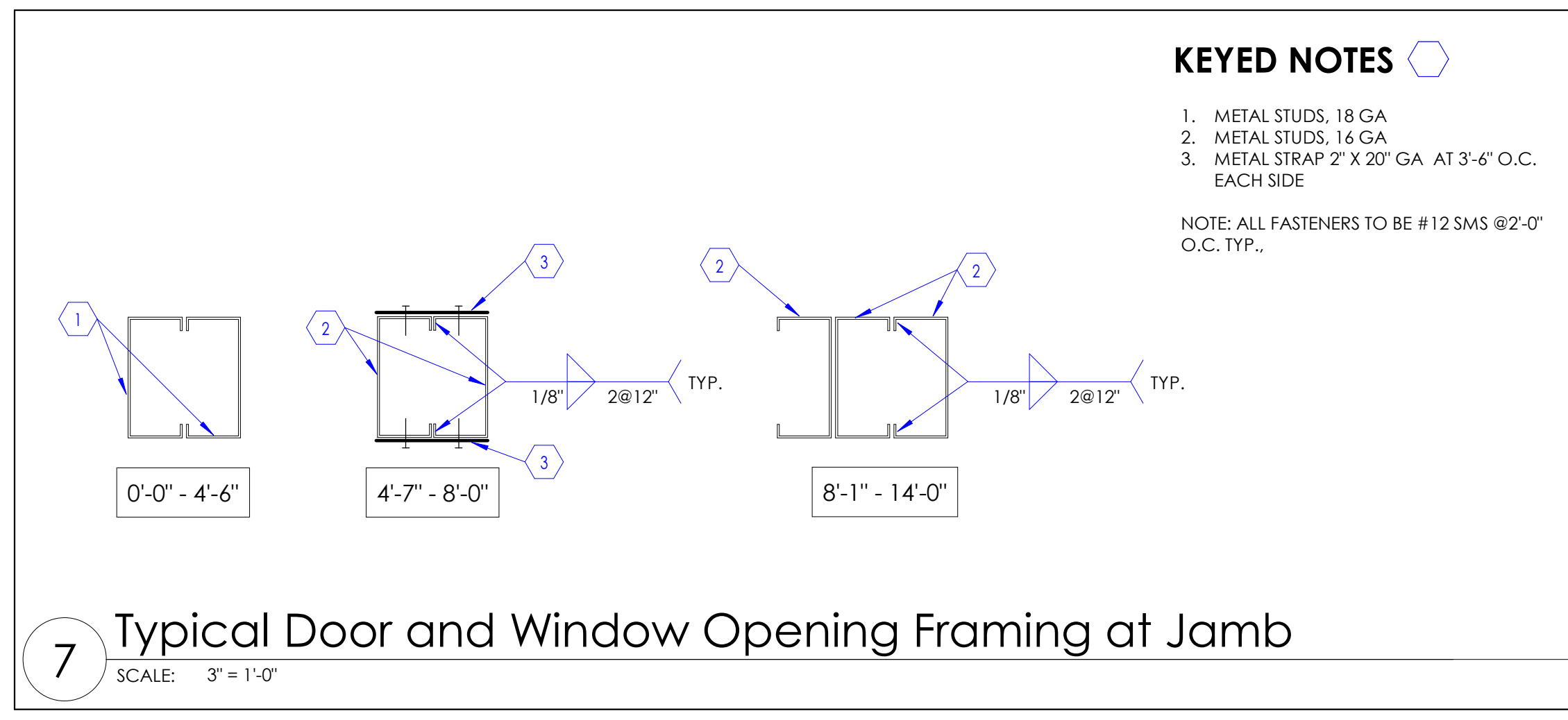
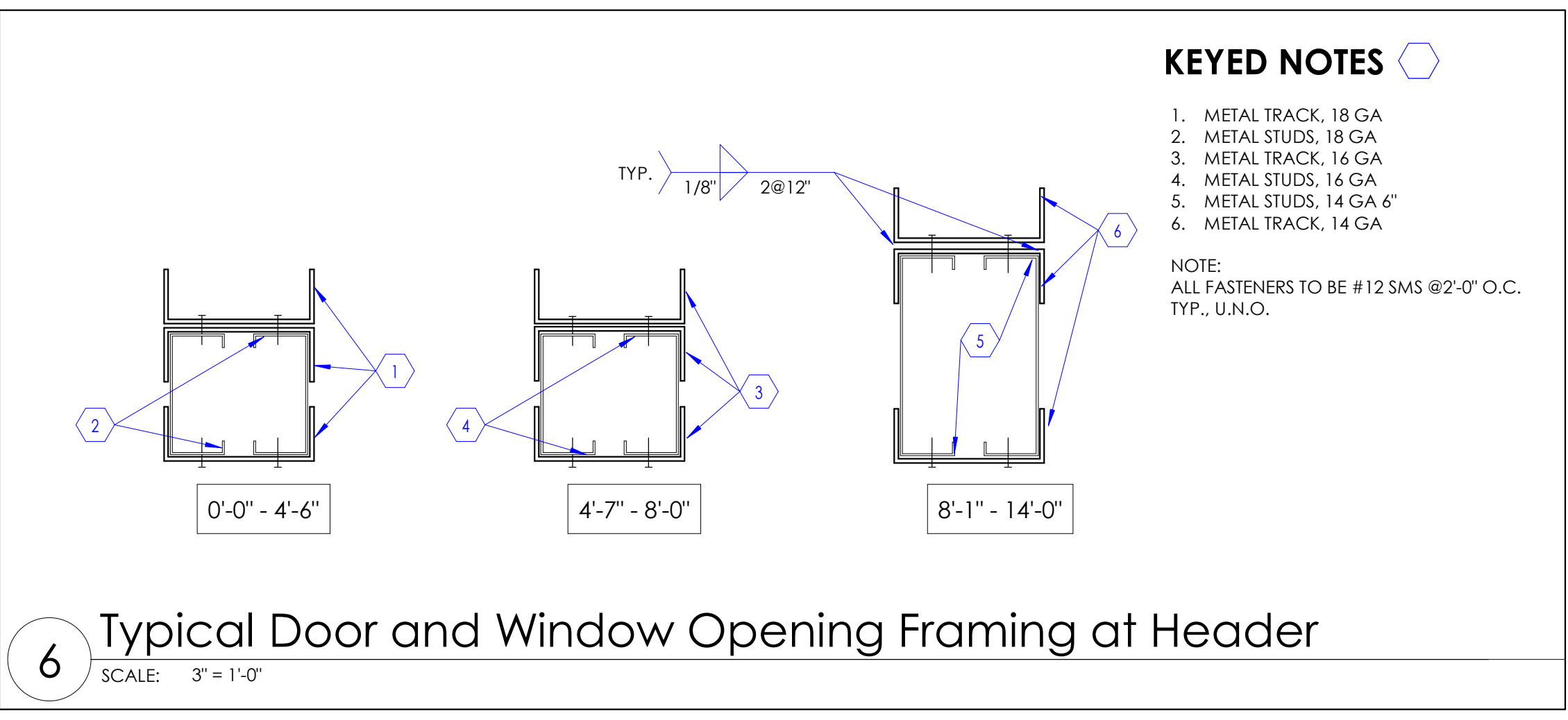
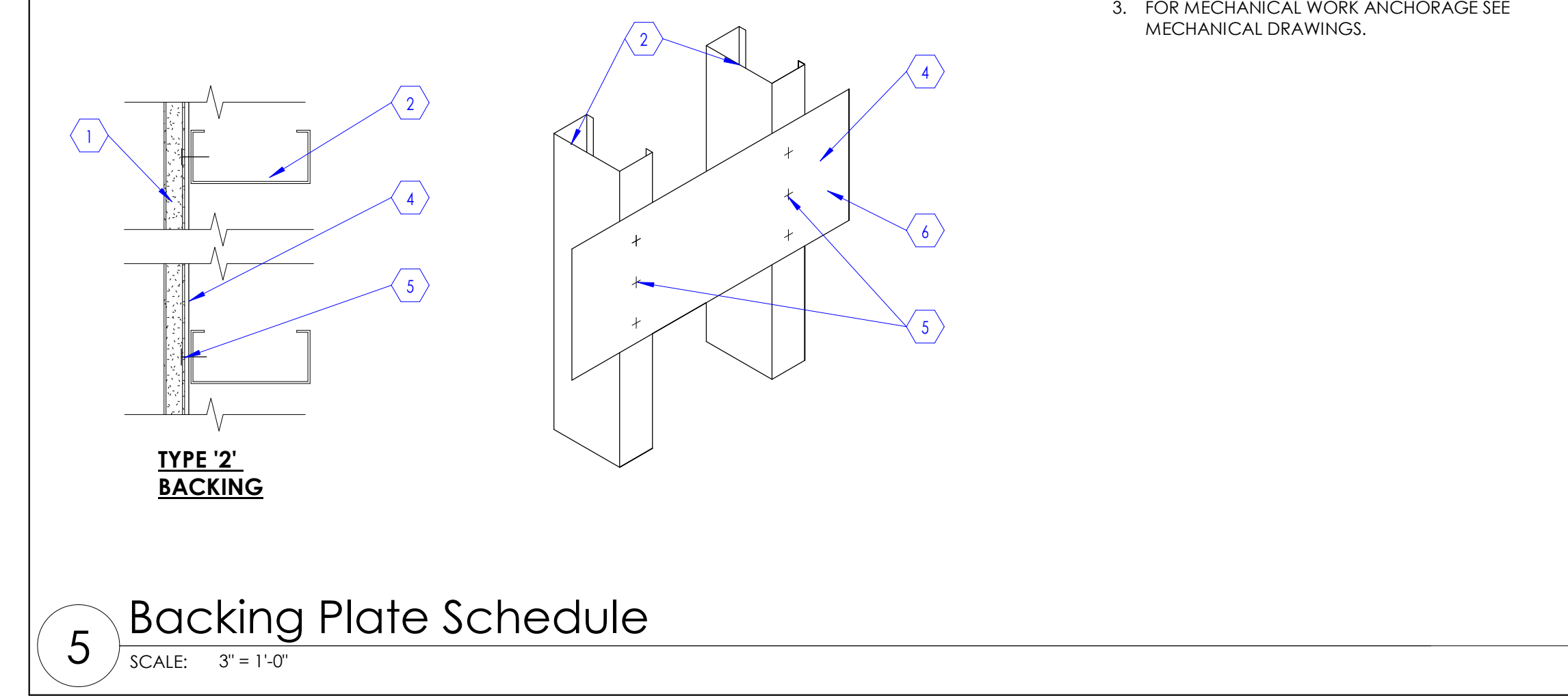
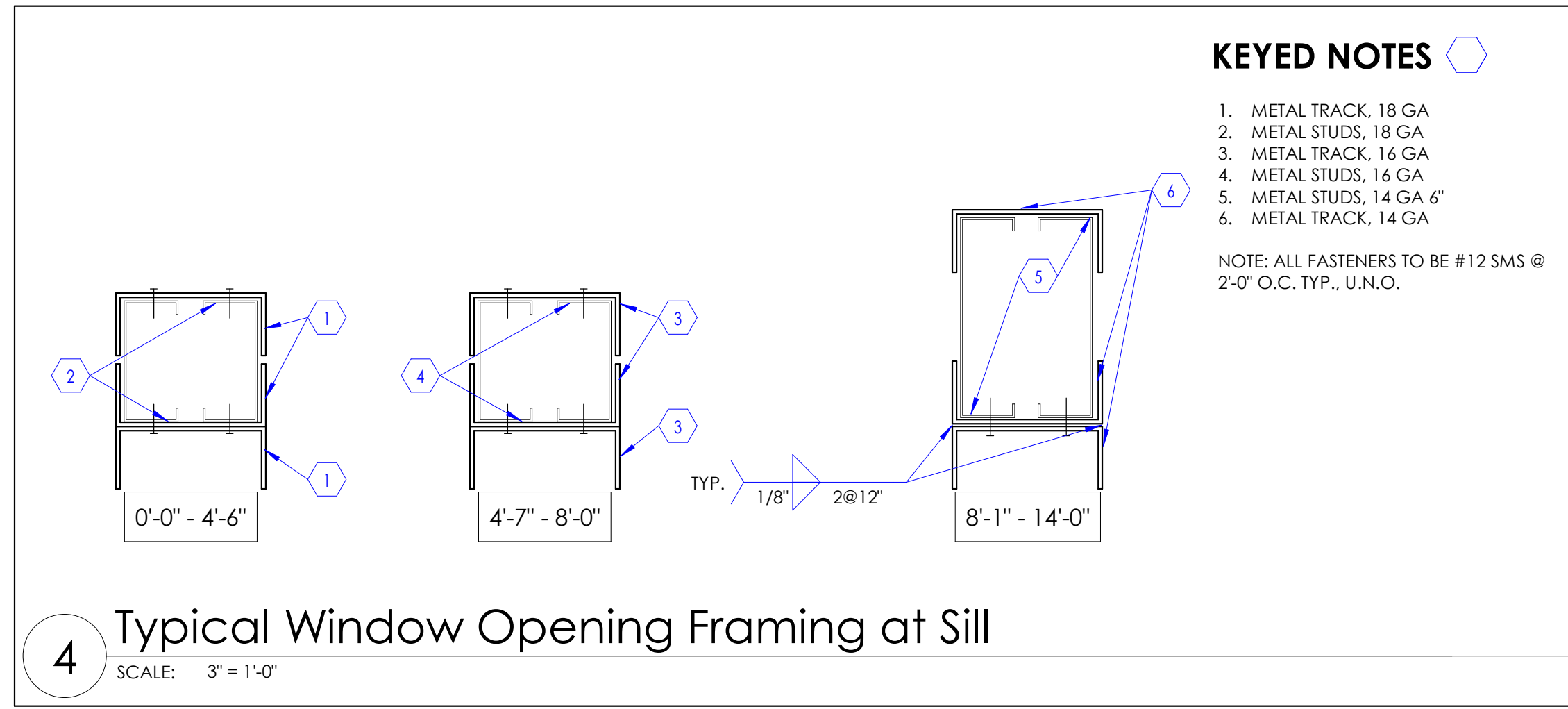
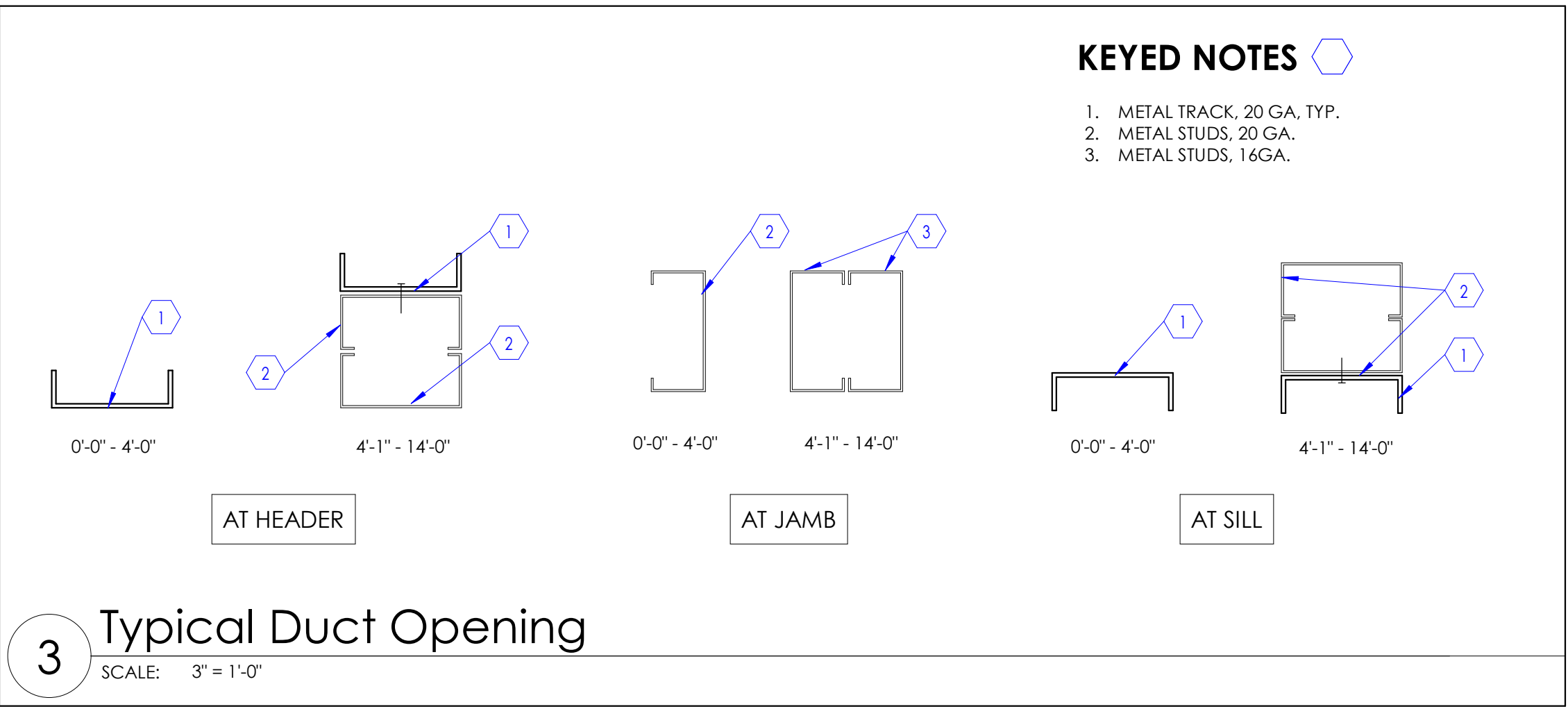
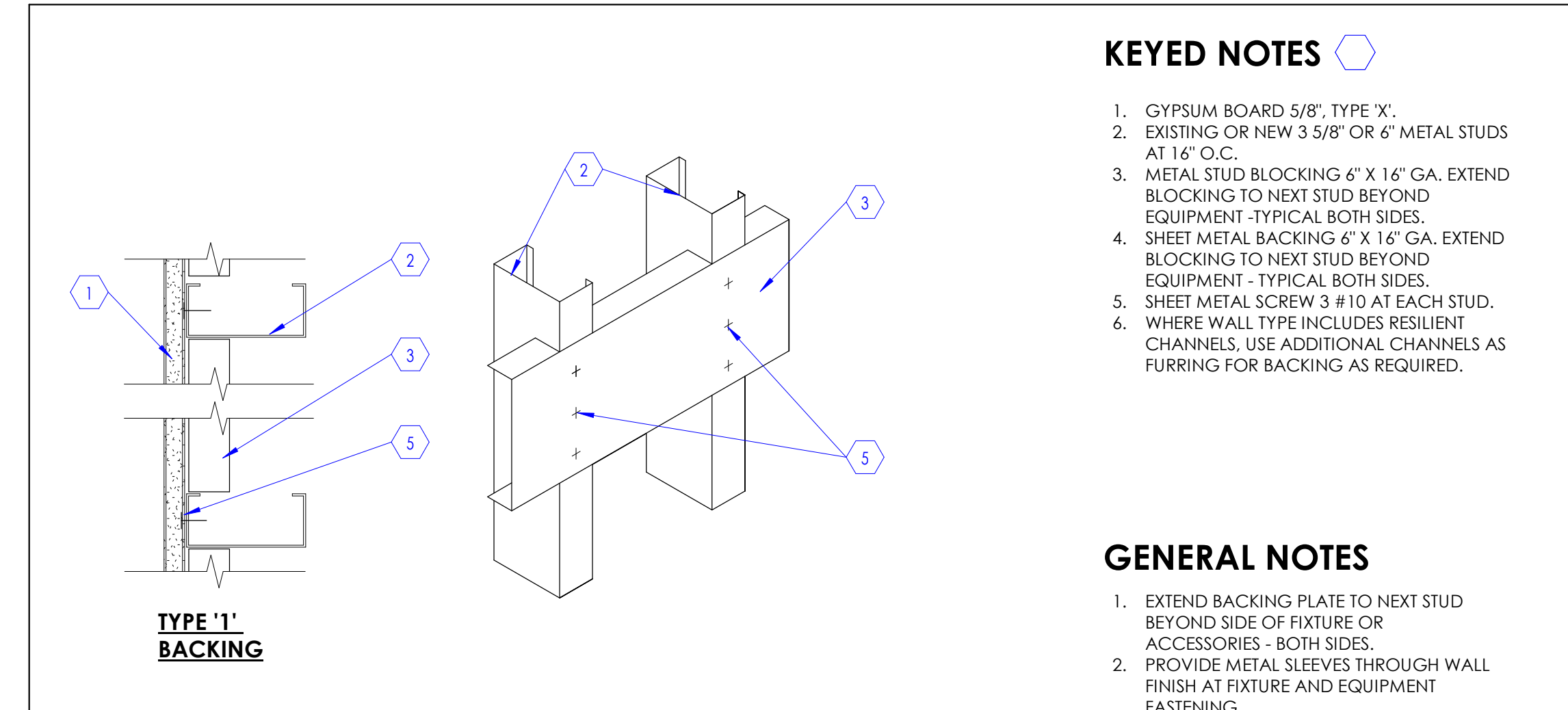
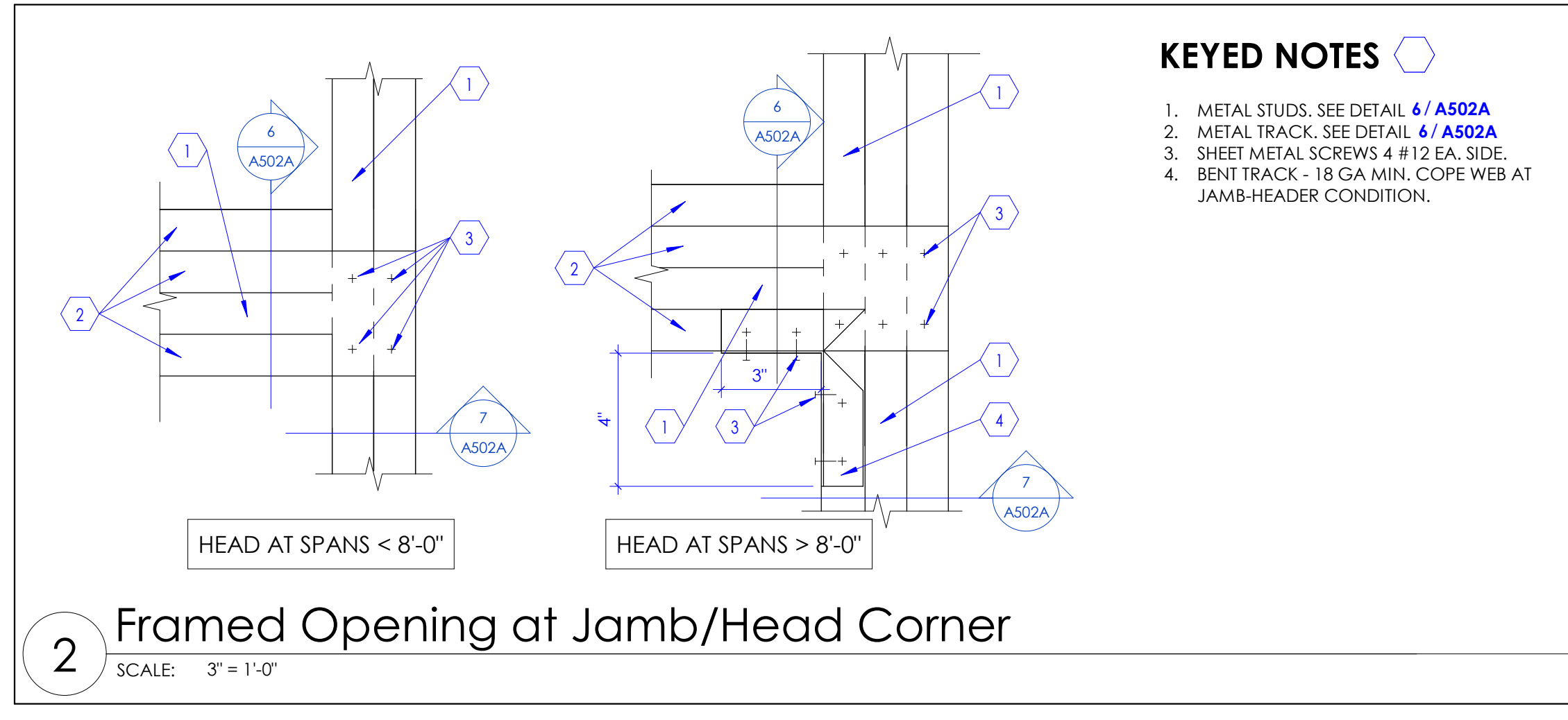
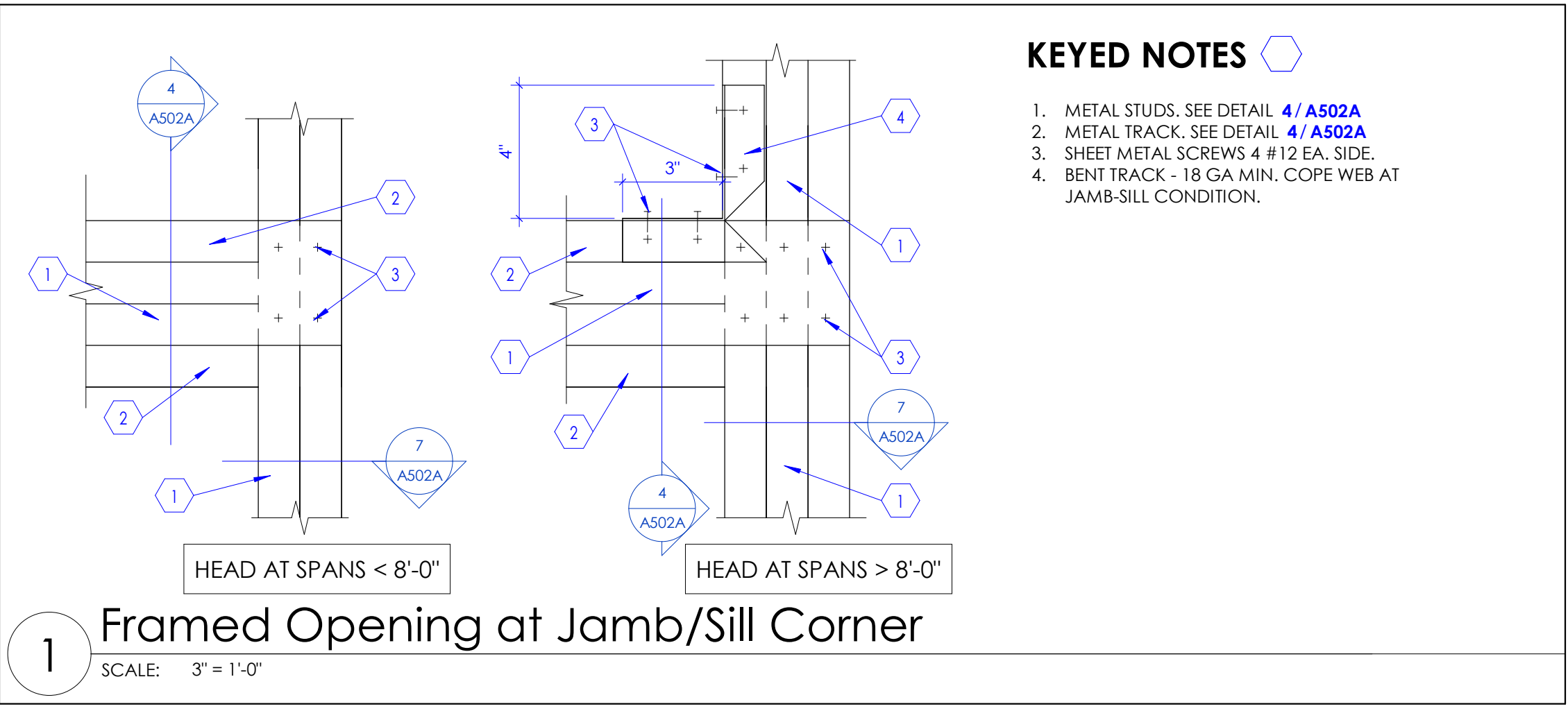
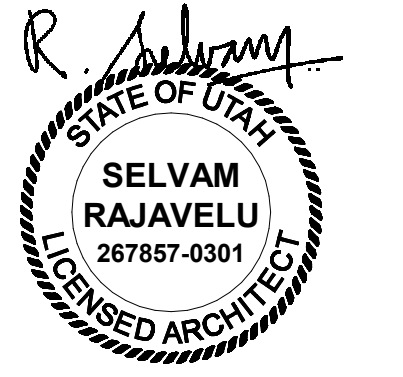
100 Mario Capecchi Dr.
Salt Lake City, UT 84113

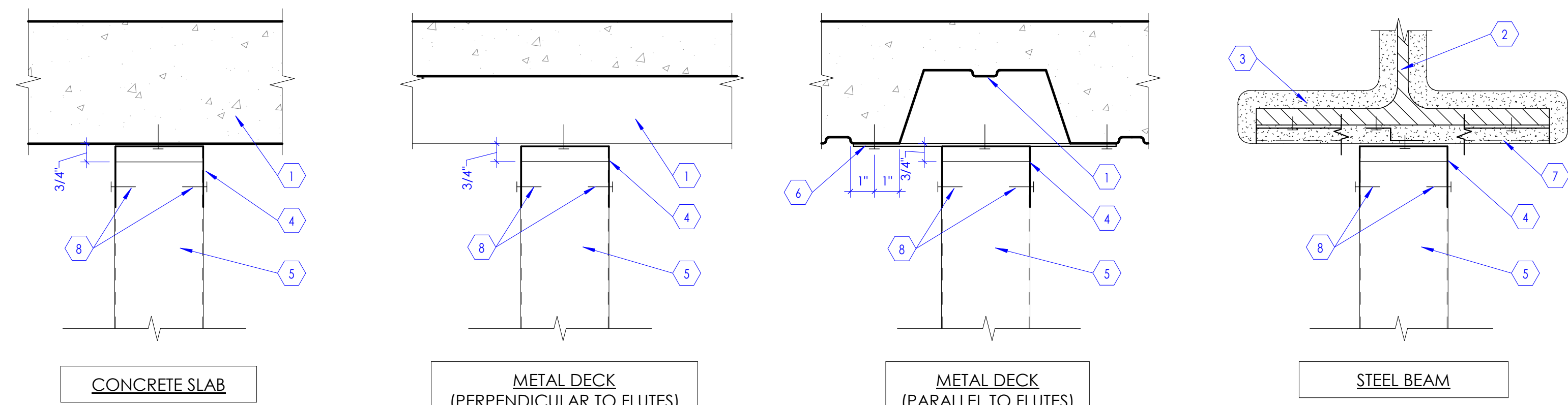
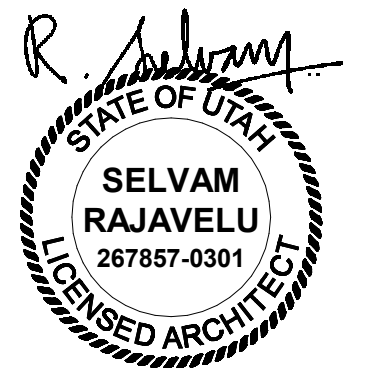
NJRA Project # 23248.00
Construction Documents April 17, 2024

Wall Types

A501A

4/18/2024 4:26:45 PM

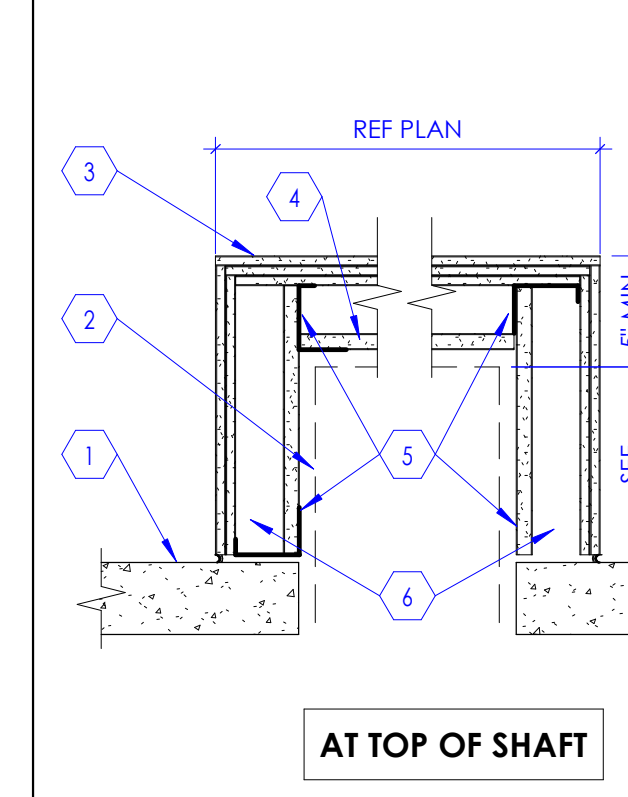




KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 6 / A502B
- METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
- STRAPS 2" x 18" GA AT 16" O.C.
- Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.

1 Head Condition at Non Fire Rated, Non Smoke Rated and Non Sound Barrier Partitions
SCALE: 3" = 1'-0"



KEYED NOTES

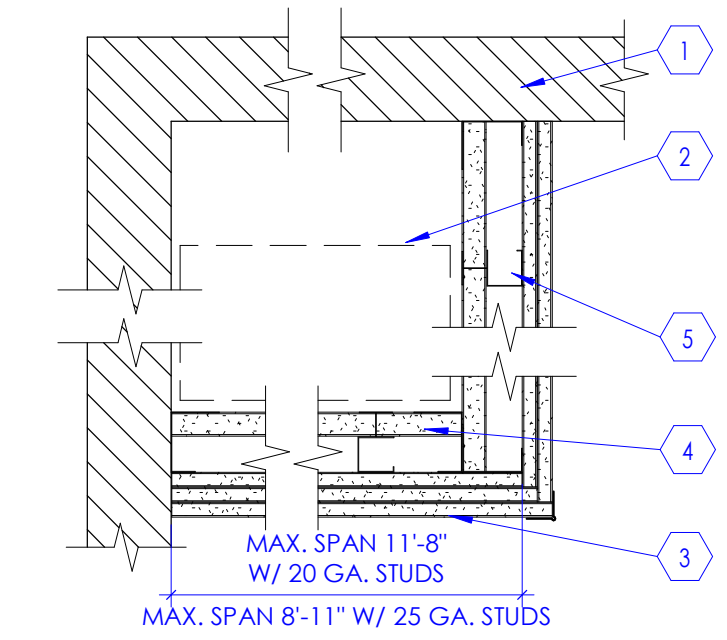
- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

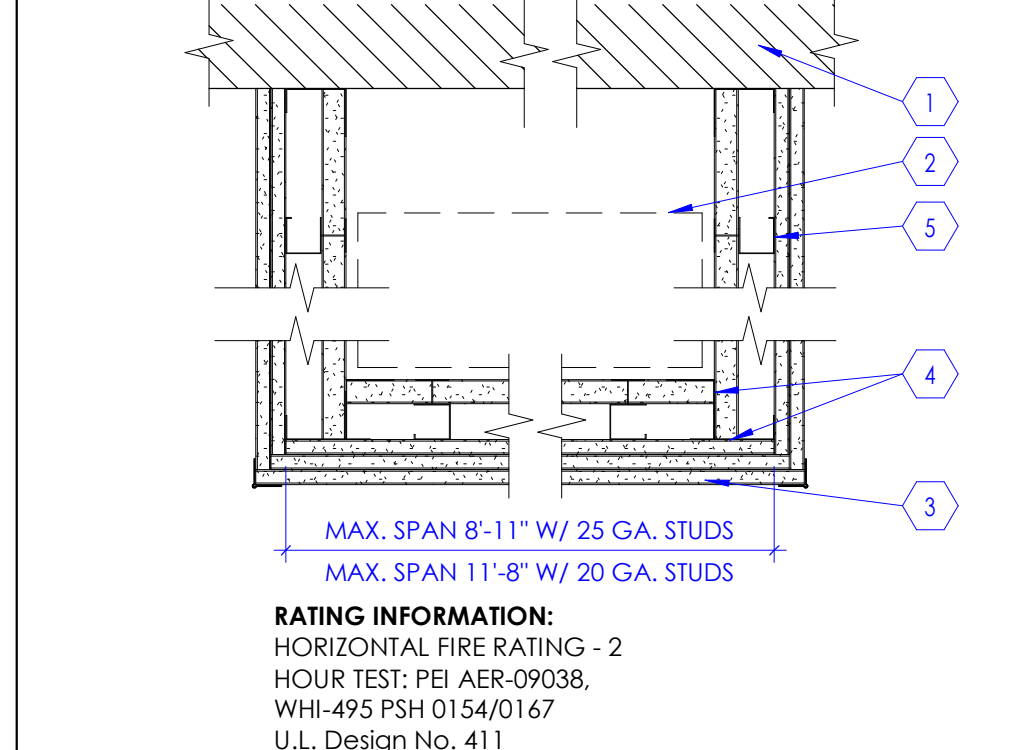
2 2-HR Enclosure at Top of Shaft
SCALE: 1" = 1'-0"

KEYED NOTES

- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.

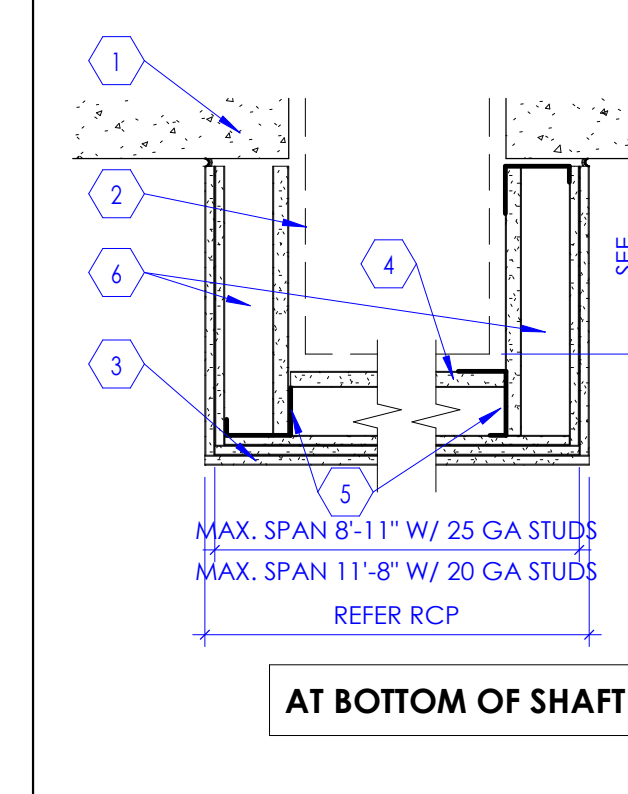


RATING INFORMATION:
HORIZONTAL FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167
U.L. Design No. 411



RATING INFORMATION:
HORIZONTAL FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167
U.L. Design No. 411

3 2-HR Horizontal Assembly
SCALE: 1 1/2" = 1'-0"

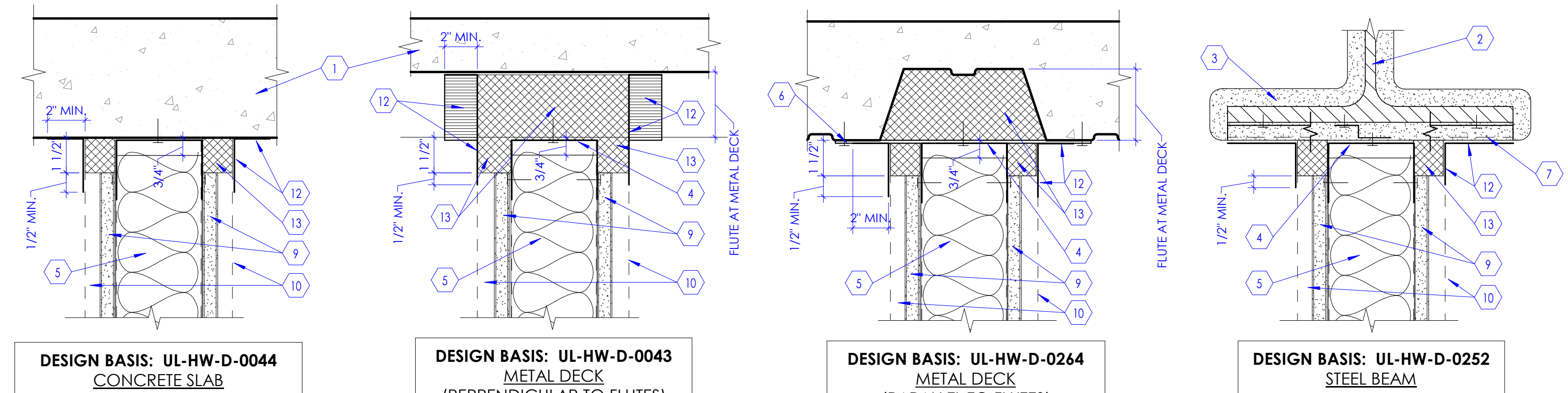


KEYED NOTES

- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501A.

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
U.L. Design No. 411
PEI AER-09038
WHI-495-PSH 0154/0167

5 2-HR Enclosure at B.O. Shaft
SCALE: 1" = 1'-0"



KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 6 / A502B
- METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
- STRAPS 2" x 18" GA AT 16" O.C.
- Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.
- ACOUSTIC SEALANT, CONTINUOUS.
- GYPSON BOARD, 5/8" THICK, TYPE 'X'.
- ADDITIONAL LAYER OF GYPSON BOARD AT 2-HR RATED WALLS.
- GYPSON BOARD CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
- FIRE STOP JOINT SPRAY.
- MINERAL WOOL 4 LB. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.

4 Head Condition at Fire Rated Partitions
SCALE: 3" = 1'-0"

DESIGN BASIS: UL-HW-D-0044
CONCRETE SLAB
SEE PROJECT MANUAL FOR FULL DESCRIPTION OF UL LISTING

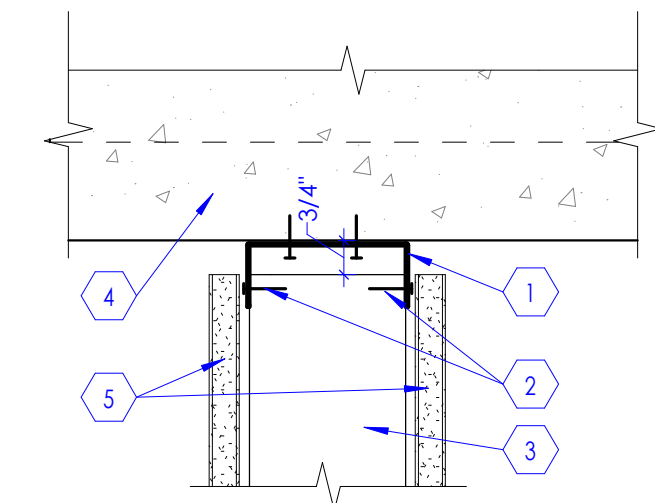
DESIGN BASIS: UL-HW-D-0043
METAL DECK (PERPENDICULAR TO FLUTES)
SEE PROJECT MANUAL FOR FULL DESCRIPTION OF UL LISTING

DESIGN BASIS: UL-HW-D-0264
METAL DECK (PARALLEL TO FLUTES)
SEE PROJECT MANUAL FOR FULL DESCRIPTION OF UL LISTING

DESIGN BASIS: UL-HW-D-0252
STEEL BEAM
SEE PROJECT MANUAL FOR FULL DESCRIPTION OF UL LISTING

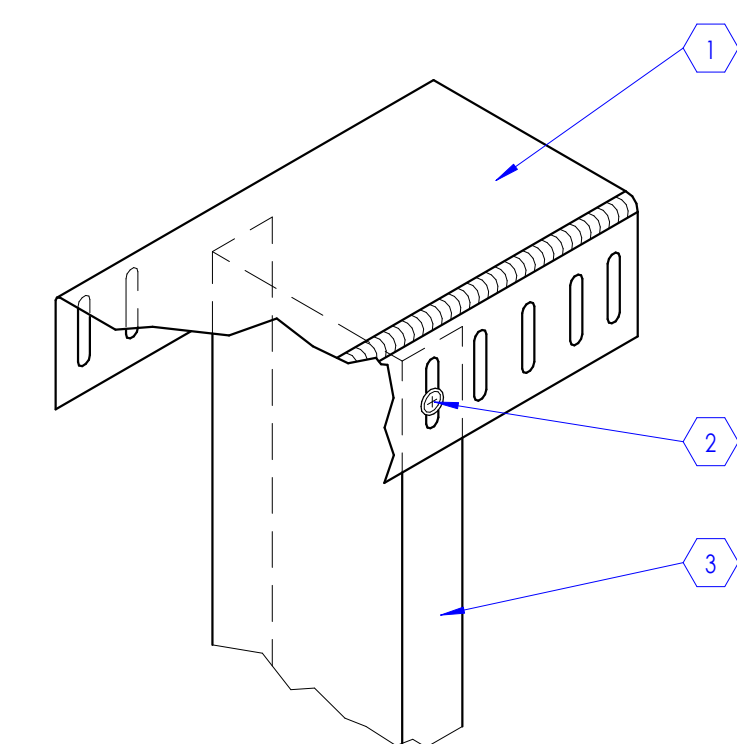
KEYED NOTES

- SLOTTED DEEP LEG DEFLECTION TRACK, 16GA CONTINUOUS. SECURE TO SUPERSTRUCTURE ABOVE IN A WAY THAT PROVIDES LATERAL STABILITY (PERPENDICULAR-TO AND IN-PLANE WITH WALL) YET ALLOWING FOR A MINIMUM OF 3/4" OF VERTICAL DEFLECTION OF THE SUPERSTRUCTURE.
- SLIP CONNECTION. SECURE VERTICAL STUDS TO SLOTTED TOP TRACK AT MID-HEIGHT OF VERTICAL SLOTS IN TRACK. COMPONENTS INTENDED TO SLIDE VERTICALLY AS SUPERSTRUCTURE DEFLECTS.
- VERTICAL STUD. SEE INTERIOR WALL TYPES ON SHEET A501A.
- FLOOR OR ROOF DECK AS OCCURS.
- GYPSON BOARD, 5/8" THICK, TYPE 'X'. TYPICAL. DO NOT SCREW GYPSON WALLBOARD TO TOP TRACK OR SUPERSTRUCTURE. GWB SCREWS INTO THE STUDS MUST BE AT LEAST 1" BELOW THE BOTTOM OF THE TOP TRACK.

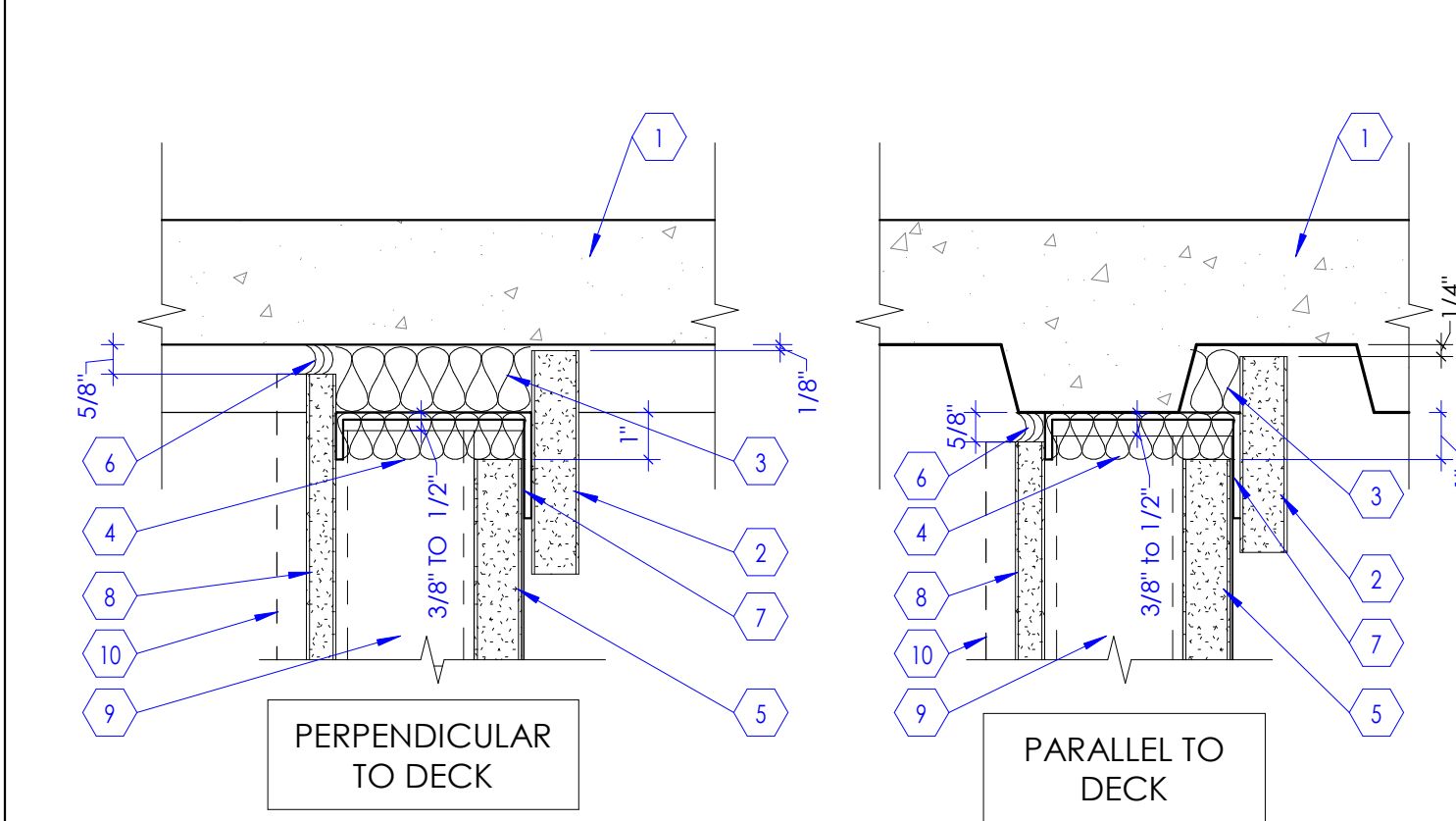


GENERAL NOTES

- CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
- DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.
- RIGIDLY SECURE SLOTTED TOP TRACK TO BUILDING SUPERSTRUCTURE IN AN APPROVED MANNER. EMPLOY Z-BARS, COLD-ROLLED CHANNELS OR SIMILAR SPACER TO ACCOMMODATE THICKNESS OF SPRAY-APPLIED FIRE-RESISTIVE MATERIALS (SFRM).
- SLOTTED TOP TRACK, INDICATED ON THESE DETAILS, IS THE BASIS FOR DESIGN AND REFERS TO DEEP-LEG TRACKS WITH VERTICALLY SLOTTED HOLES.
- REFER TO PARTITION STANDARDS FOR SPECIFIC WALL TYPES.
- AT FIRE RATED WALLS REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING HEAD-OF-WALL CONDITIONS.
- MAINTAIN ACOUSTIC RATING WHERE SOUND-CONTROL WALLS ARE INDICATED.
- FIRESTOPPING AND ACOUSTICAL SEALANTS SHALL AUTOBOND. PROVIDE EXPOSED CLEAN SEALANT TO CONCEAL FIRESTOPPING AT FOOD SERVICE FACILITIES, KITCHEN, BIOLOGICAL CONTAINMENT AND CLEAN ROOM APPLICATIONS.
- WHERE A WALL IS DESIGNATED AS BOTH A SOUND-CONTROL WALL AND A FIRE-RATED WALL, REFER TO FIRE-RATED HEAD-OF-WALL CONDITIONS.
- WHERE A WALL IS DESIGNATED AS A SOUND-CONTROL WALL, FILL ALL VOIDS WITH SOUND ATTENUATION BATS (SAB).
- AT SMOKE PARTITIONS AND SOUND-CONTROL WALLS EXTEND GWB ON BOTH SIDES INTO THE FLUTES. CUT TO FOLLOW UNDULATING SURFACES OF THE SUPERSTRUCTURE INCLUDING, BUT NOT LIMITED TO, FLUTES IN METAL DECKING. PROVIDE A CONTINUOUS BEAD OF SEALANT (AS SPECIFIED) TO SUPERSTRUCTURE.



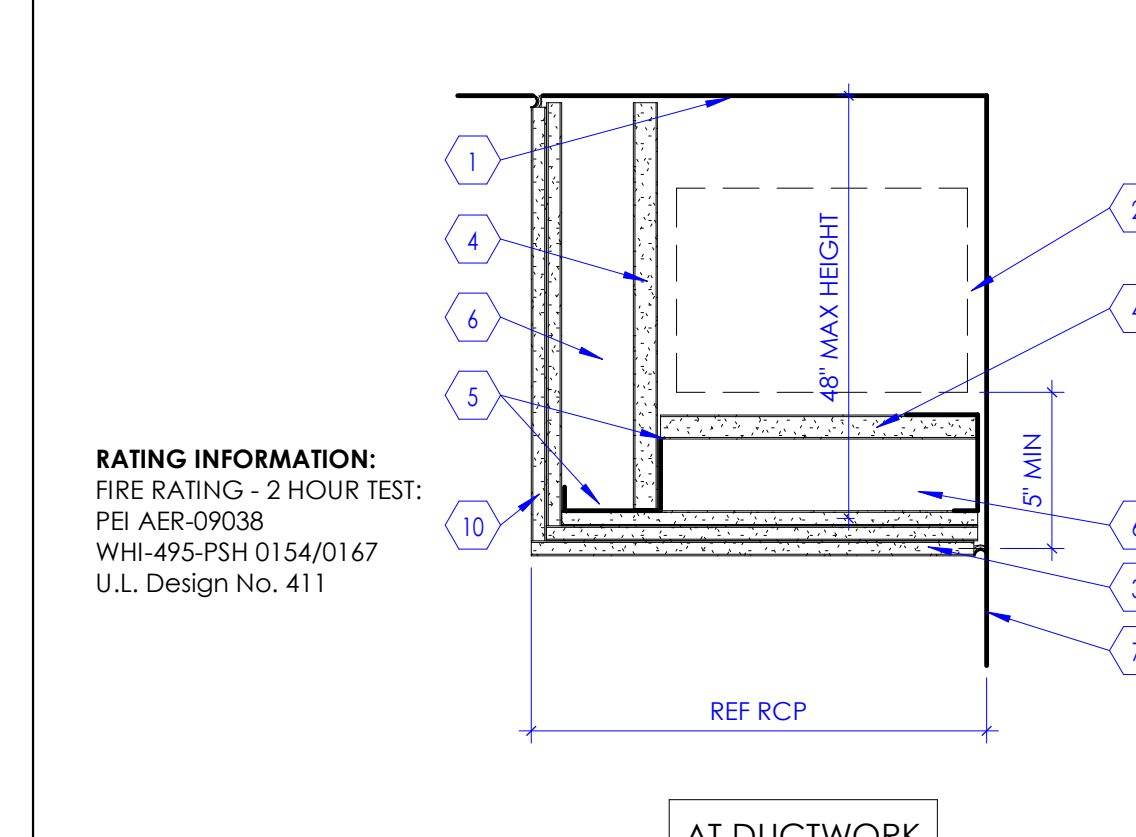
6 Slip Connection Detail
SCALE: 3" = 1'-0"



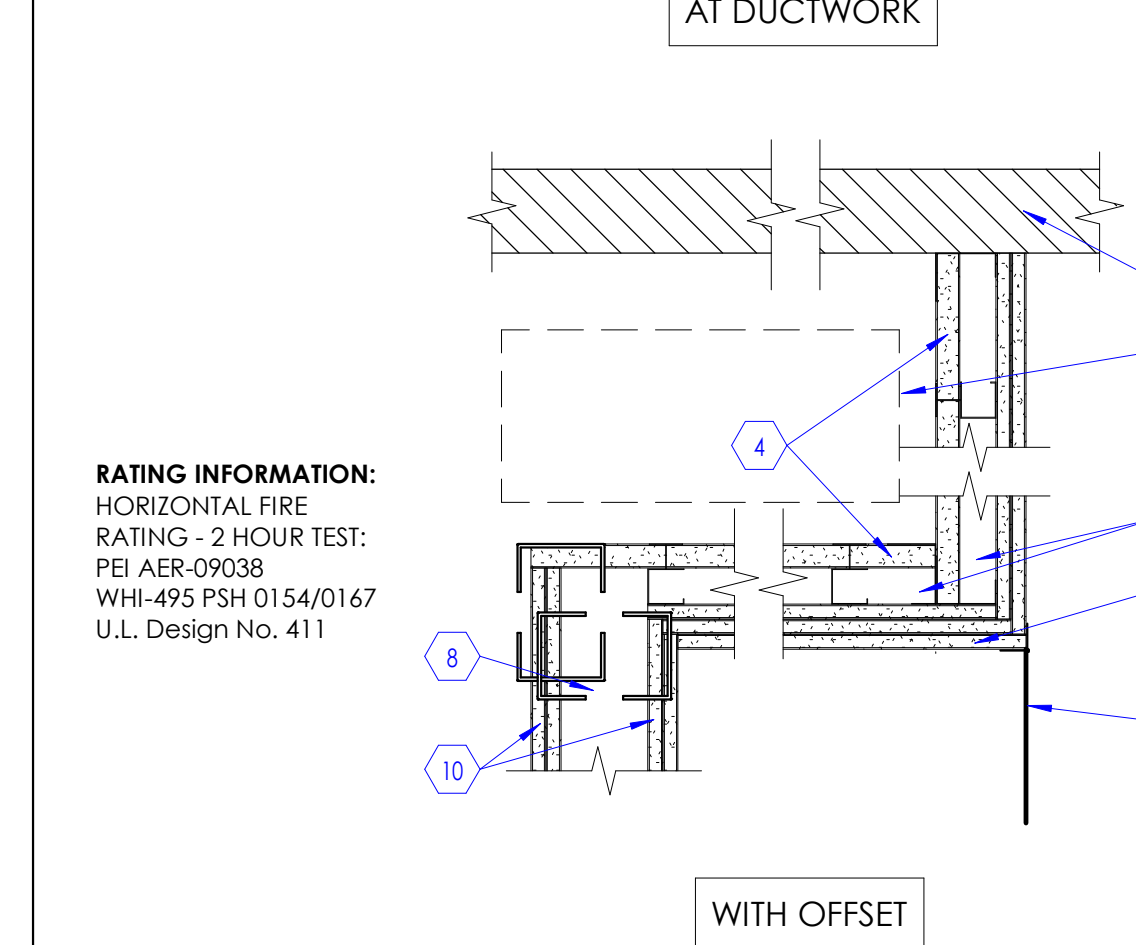
KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- GYPSON BOARD 1" SHAFT LINER PANEL 6" HIGH MIN. CUT TO FLUTED DECK CONTOUR.
- MINERAL WOOL 3" 4 LB MIN. FRICTION FITTED BETWEEN J TRACK AND FLUTE.
- MINERAL WOOL 1" 4 LB MIN. FRICTION FITTED INSIDE J TRACK CAVITY.
- GYPSON BOARD 1" SHAFT LINER PANEL STOP AT 1" BELOW THE BOTTOM OF DECK.
- ACOUSTICAL SEALANT 5/8" X CONT.
- J TRACK SEE WALL TYPES.
- GYPSON BOARD 5/8" THICK, TYPE 'X'. PANELS CUT TO FLUTED DECK CONTOUR. SEE WALL TYPES.
- C-H STUDS @ 24" O.C. MAX. SEE WALL TYPES FOR SIZE.
- ADDITIONAL LAYER OF GYPSON BOARD AT 2HR RATED SHAFT WALL SHOWN DASHED. SEE WALL TYPES ON SHEET A501A.

7 Head Detail at Shaft Wall
SCALE: 3" = 1'-0"



RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167
U.L. Design No. 411



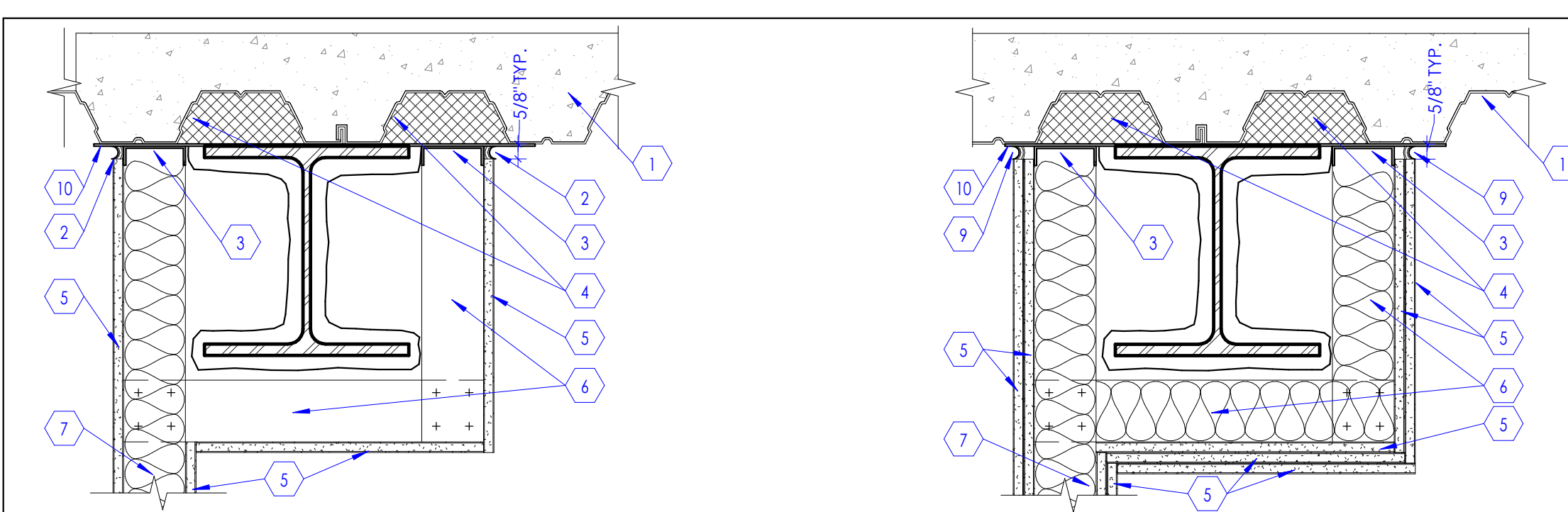
RATING INFORMATION:
HORIZONTAL FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167
U.L. Design No. 411

8 2-HR Horizontal Enclosure
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.
- WALL BEYOND.
- METAL STUD FRAMING. SEE PLANS FOR STUD SIZE.
- SHAFT WALL FRAMING WITH 1 1/2" C-H STUDS.
- GYPSON BOARD 2 LAYERS OF 5/8".

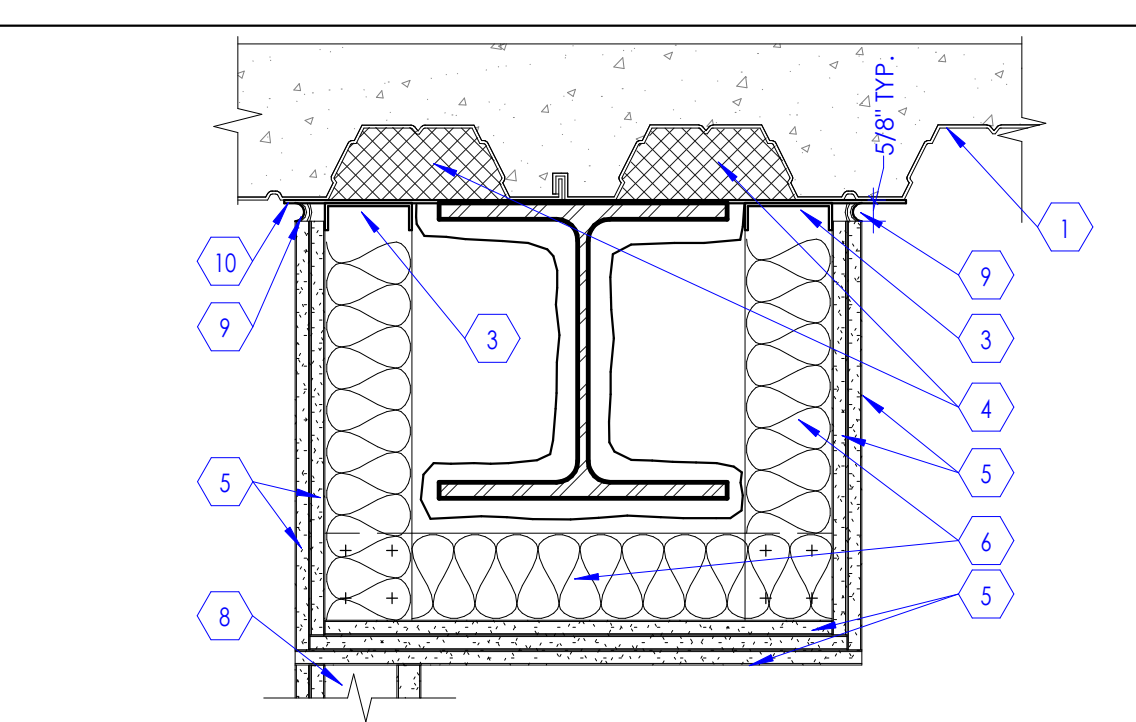
PEI AER-09038. REFER TO USG-ICC EVALUATION REPORT OF THE HORIZONTAL ENCLOSURE SYSTEM.
SEE PROJECT MANUAL FOR FULL DESCRIPTION OF ALL UL LISTING NOTED ON THIS SHEET.



NOTE: THIS DETAIL APPLIES AT ALL FULL HEIGHT NON-RATED, SMOKE TIGHT, OR 1 HOUR RATED PARTITIONS WHERE GWB IS OBSTRUCTED. U.N.O.

NOTE: THIS DETAIL APPLIES AT ALL 2 HOUR RATED PARTITIONS WHERE ONE SIDE OF WALL IS OBSTRUCTED. U.N.O.

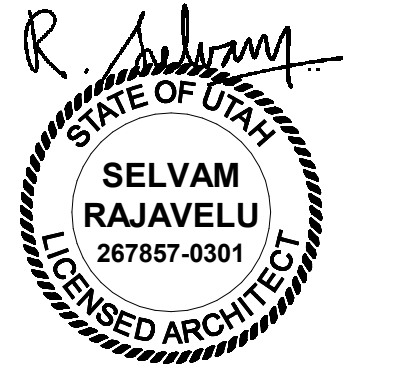
9 Alternate Framing Details at Rated Walls
SCALE: 1 1/2" = 1'-0"



NOTE: THIS DETAIL APPLIES AT ALL SHAFTWALL CONDITIONS WHERE WALL CANNOT EXTEND FULLY TO DECK. U.N.O.

KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 6 / A502B
- FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
- GYPSON BOARD, 5/8" THICK, TYPE 'X'. TYPICAL.
- METAL STUDS AT 16" O.C. MATCH PARTITION TYPE, PACT FULL WITH INSULATION AS REQUIRED.
- PARTITION WALL AS SCHEDULE.
- SHAFT WALL AS SCHEDULE.
- FIRE STOP AS REQUIRED.
- STRAPS, 2" x 18" GA AT 16" O.C.



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"

CONTRACTORS OPTION IN LIEU OF E.B. 1/8"

CONTRACTORS OPTION IN LIEU OF E.B. WHEN STUD IS BELOW DECK PLATE 1/8"

CONTRACTORS OPTION IN LIEU OF E.B. WHEN STUD IS BELOW DECK PLATE

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 BERG 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 DEGREE) 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.

SEE REFLECTED CEILING PLAN FOR CEILING HEIGHT

SEE REFLECTED CEILING PLAN FOR SOFFIT HEIGHT

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

KEYED NOTES

1. EXPANSION SLEEVES 4"x1 1/2"x1/4", 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.

AT CROSS TEE

AT MAIN BEAM

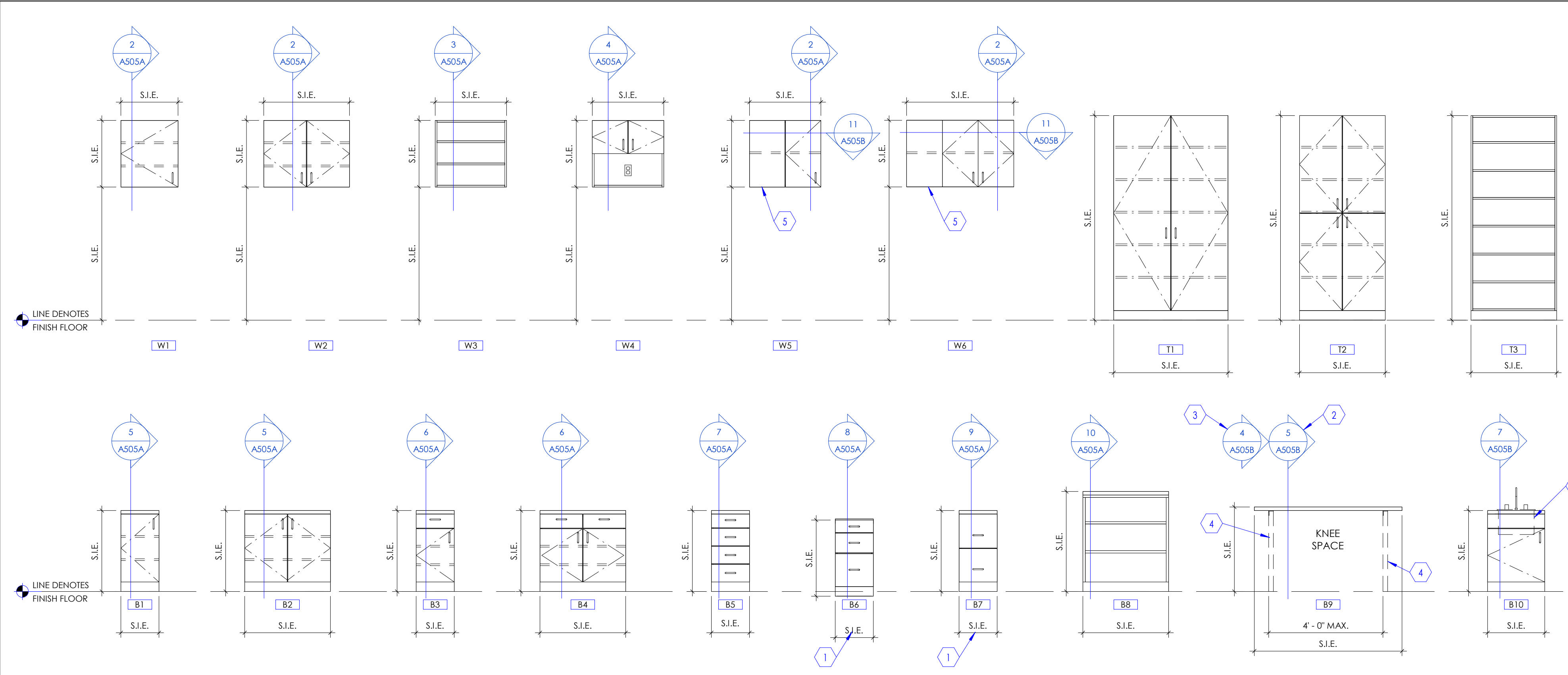
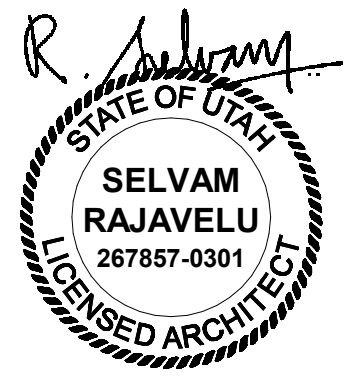
10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS, SEE MECHANICAL DRAWINGS
4. LINE OF WALL.
5. UNISTRUT F1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
7. UNISTRUT, F1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, F1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE.
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE RFP 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.

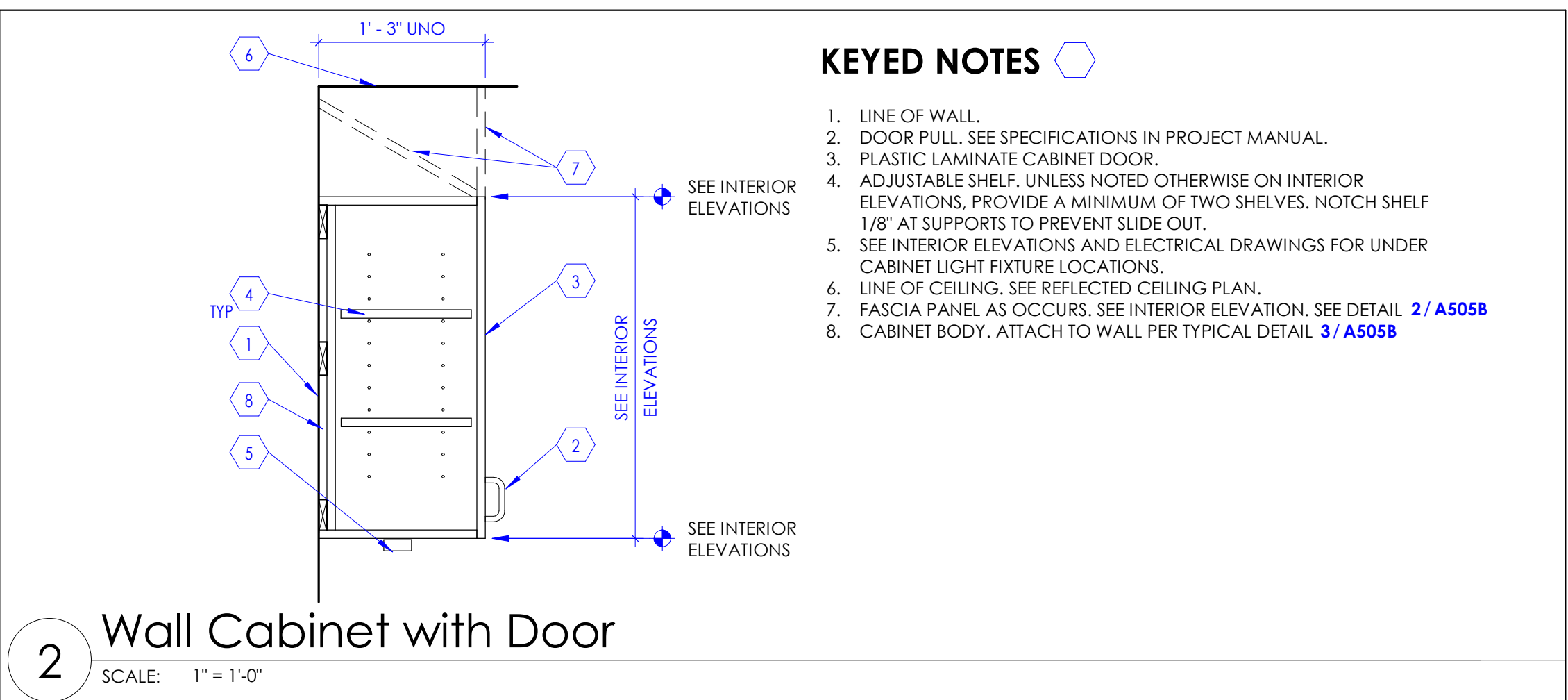
11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"



KEYED NOTES

- 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 A ADJACENT BASE CABINET, END PANEL IS NOT REQUIRED.

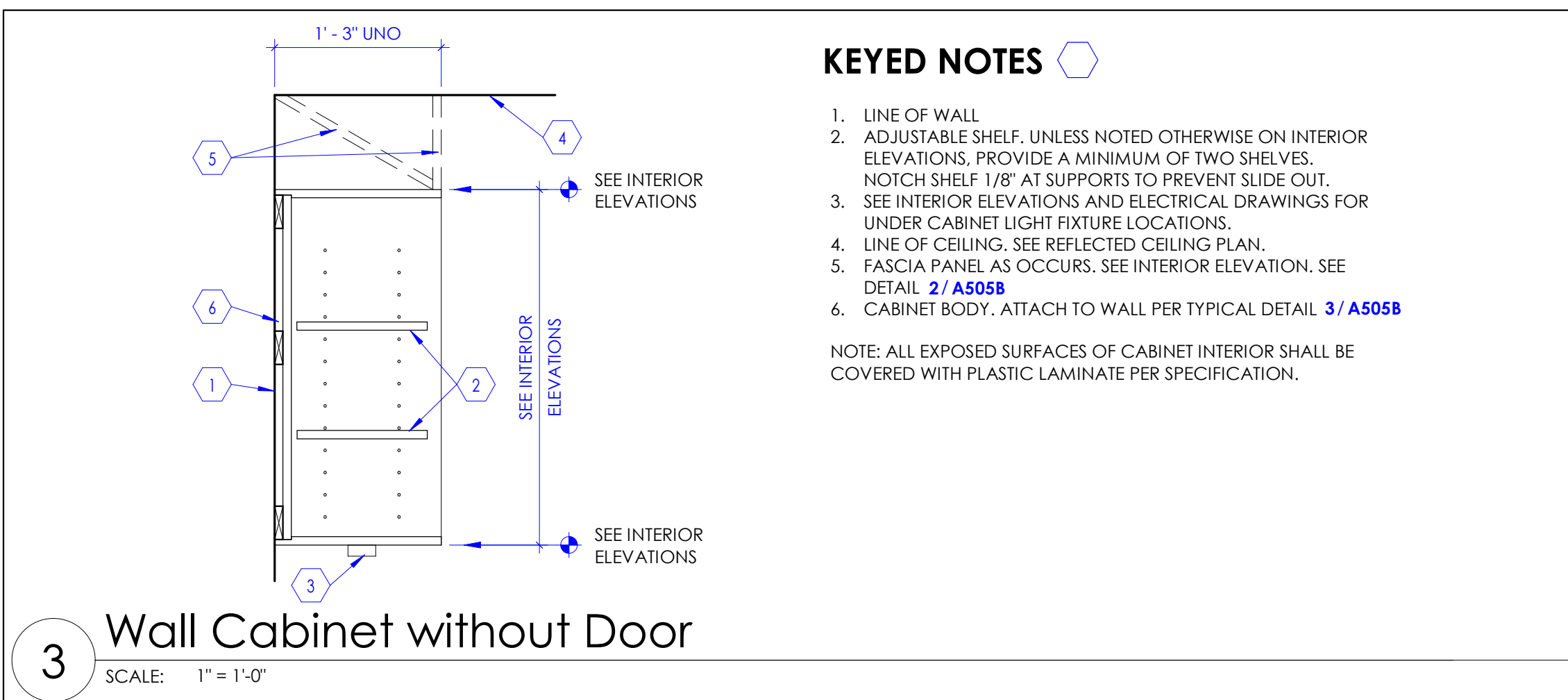
1 Cabinet Legend
Note: See Interior Elevations (S.I.E.) for occurrence of cabinet types used in this project. Some cabinet type shown above may not be used in this project.
SCALE: 3/8" = 1'-0"



KEYED NOTES

- LINE OF WALL.
- DOOR PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- LINE OF CEILING, SEE REFLECTED CEILING PLAN.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION, SEE DETAIL 2/A505B
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

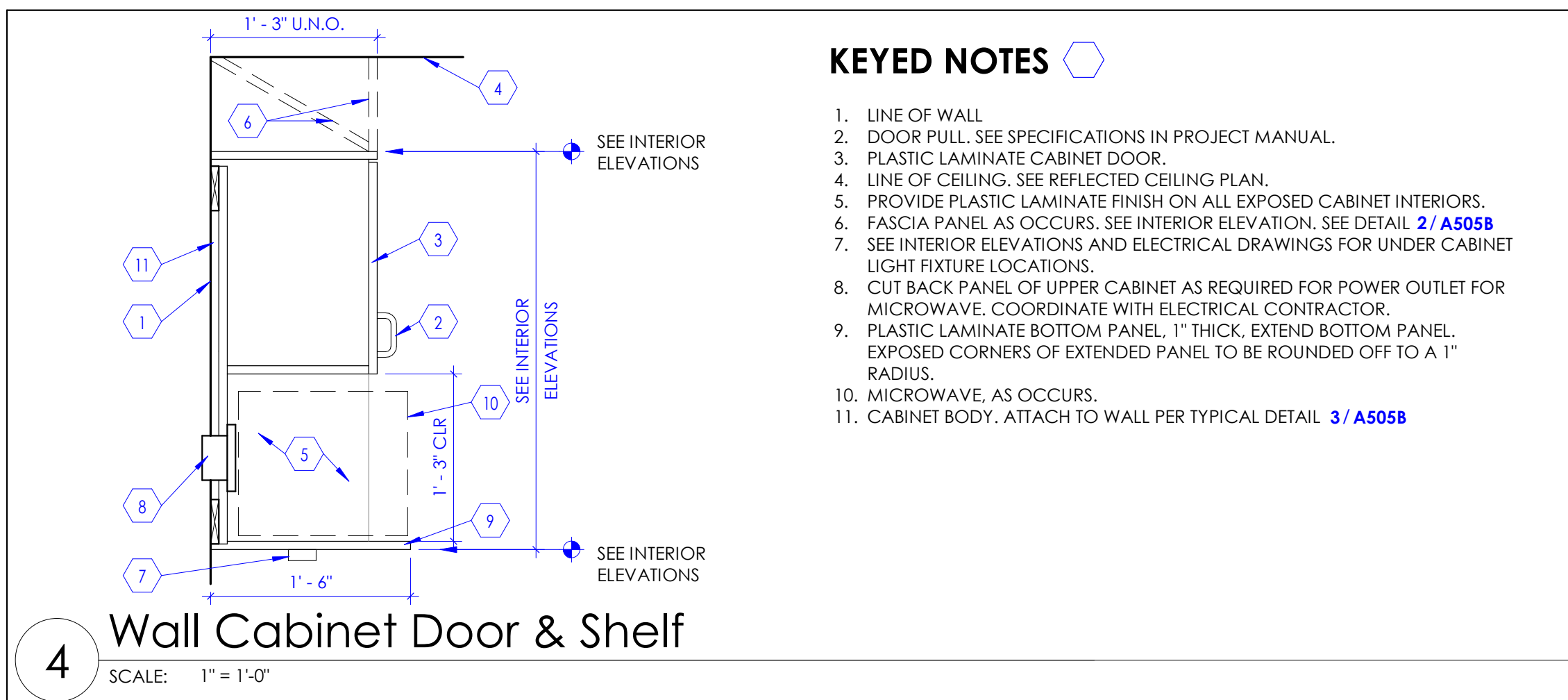
2 Wall Cabinet with Door
SCALE: 1" = 1'-0"



KEYED NOTES

- LINE OF WALL.
 - ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES.
 - NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 - SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
 - LINE OF CEILING, SEE REFLECTED CEILING PLAN.
 - FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION, SEE DETAIL 2/A505B
 - CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B
- NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.

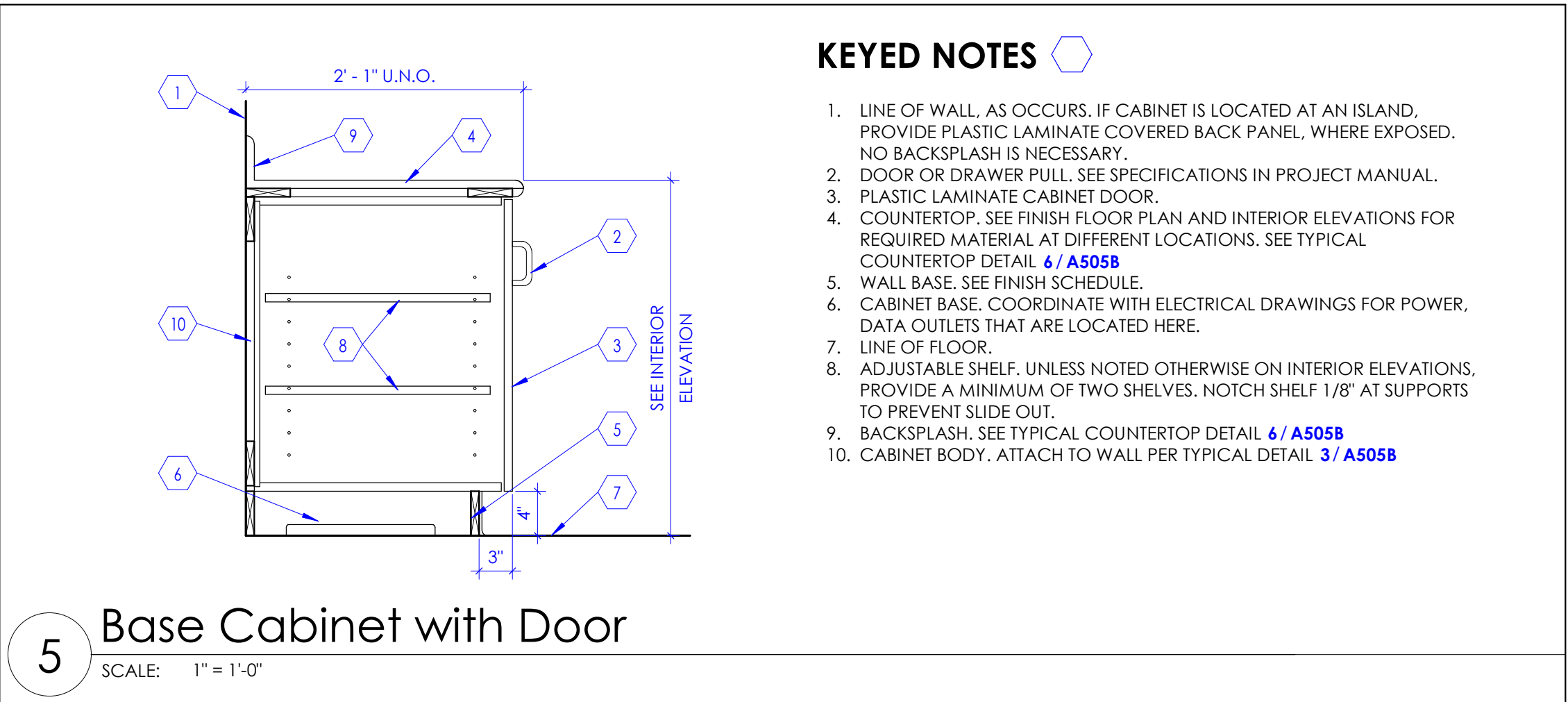
3 Wall Cabinet without Door
SCALE: 1" = 1'-0"



KEYED NOTES

- LINE OF WALL.
- DOOR PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- LINE OF CEILING, SEE REFLECTED CEILING PLAN.
- PROVIDE PLASTIC LAMINATE FINISH ON ALL EXPOSED CABINET INTERIORS.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION, SEE DETAIL 2/A505B
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- CUT BACK PANEL OF UPPER CABINET AS REQUIRED FOR POWER OUTLET FOR MICROWAVE, COORDINATE WITH ELECTRICAL CONTRACTOR.
- PLASTIC LAMINATE BOTTOM PANEL, 1" THICK. EXTEND BOTTOM PANEL EXPOSED CORNERS OF EXTENDED PANEL TO BE ROUNDED OFF TO A 1" RADIUS.
- MICROWAVE, AS OCCURS.
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

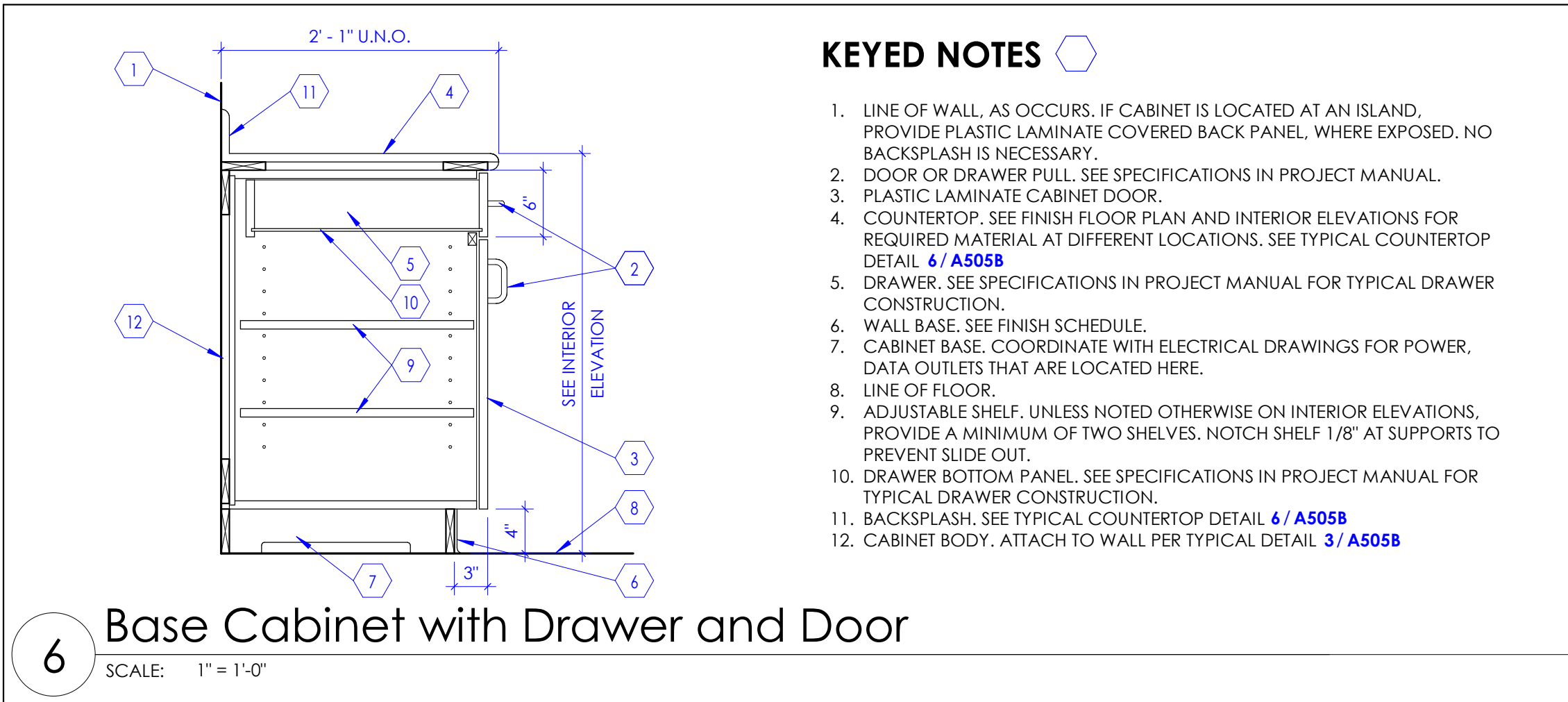
4 Wall Cabinet Door & Shelf
SCALE: 1" = 1'-0"



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 OR DRAWER PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP, SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- WALL BASE, SEE FINISH SCHEDULE.
- CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

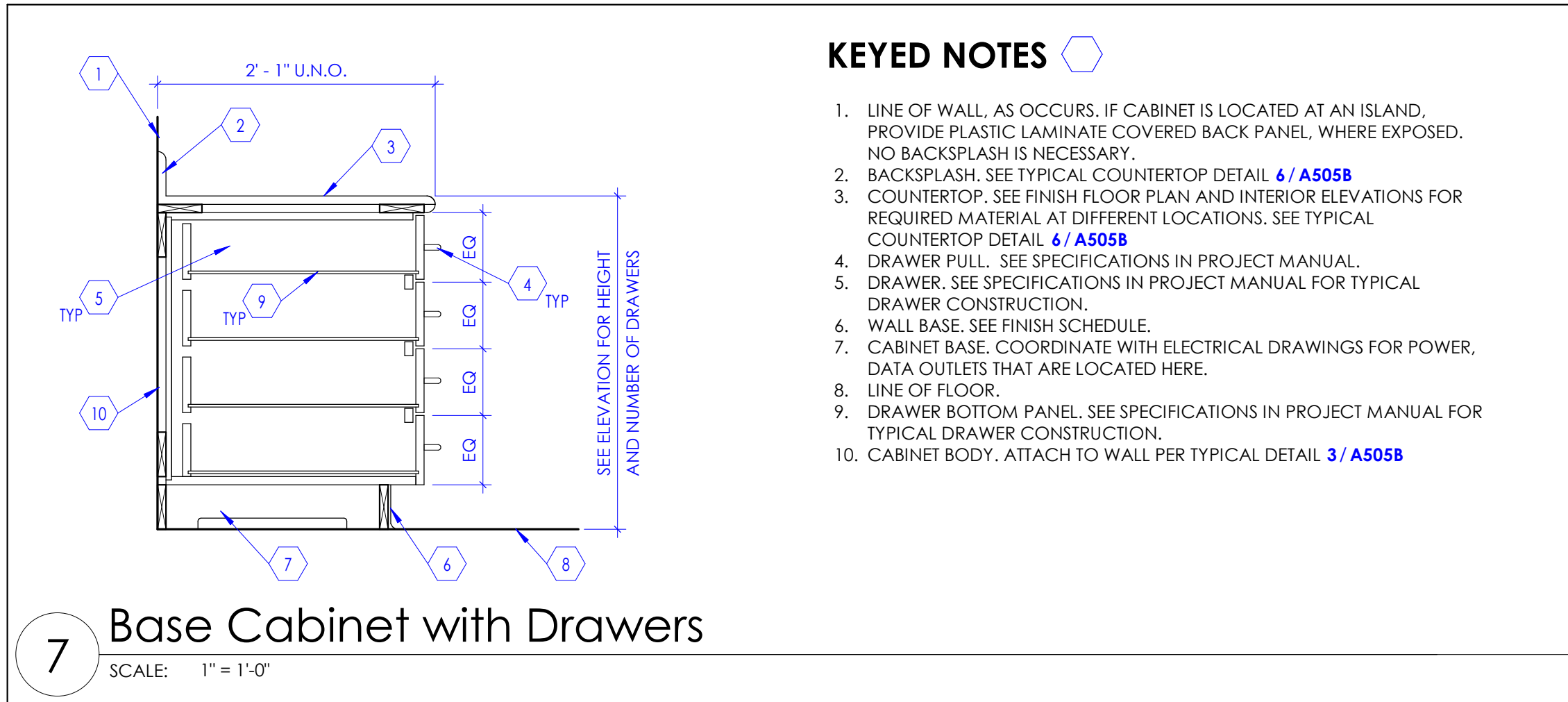
5 Base Cabinet with Door
SCALE: 1" = 1'-0"



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 OR DRAWER PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP, SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- DRAWER, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE, SEE FINISH SCHEDULE.
- CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- DRAWER BOTTOM PANEL, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

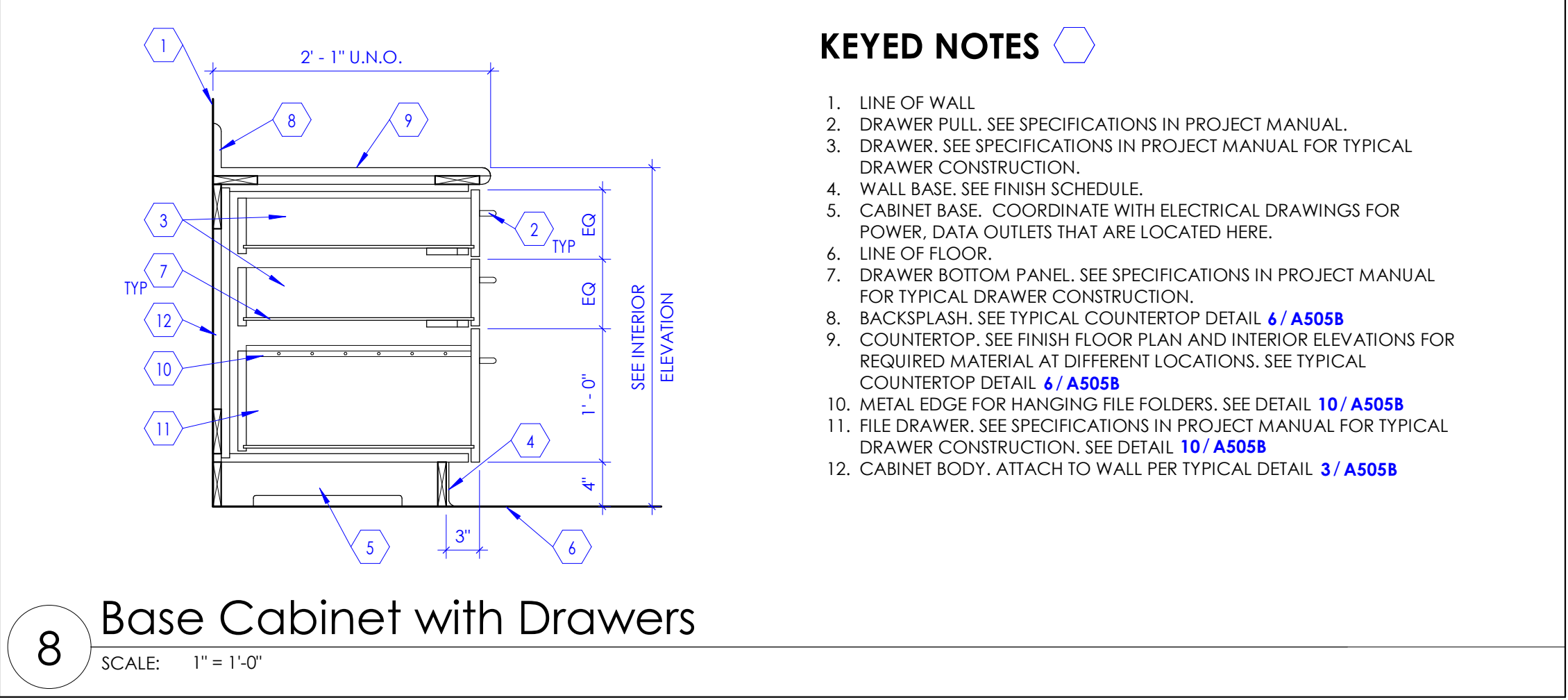
6 Base Cabinet with Drawer and Door
SCALE: 1" = 1'-0"



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.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP, SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- DRAWER PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE, SEE FINISH SCHEDULE.
- CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

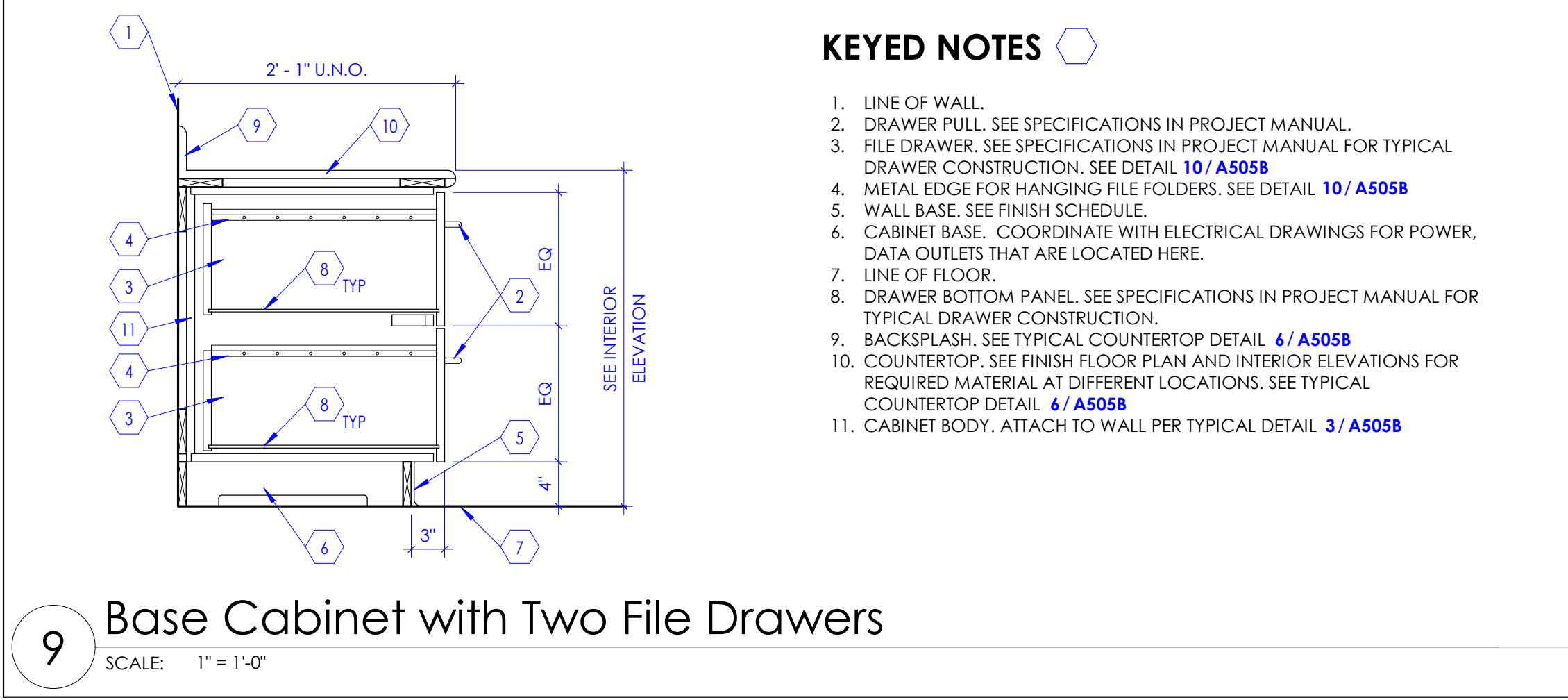
7 Base Cabinet with Drawers
SCALE: 1" = 1'-0"



KEYED NOTES

- LINE OF WALL.
- DRAWER PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE, SEE FINISH SCHEDULE.
- CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP, SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- METAL EDGE FOR HANGING FILE FOLDERS, SEE DETAIL 10/A505B
- FILE DRAWER, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10/A505B
- CABINET BODY, ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

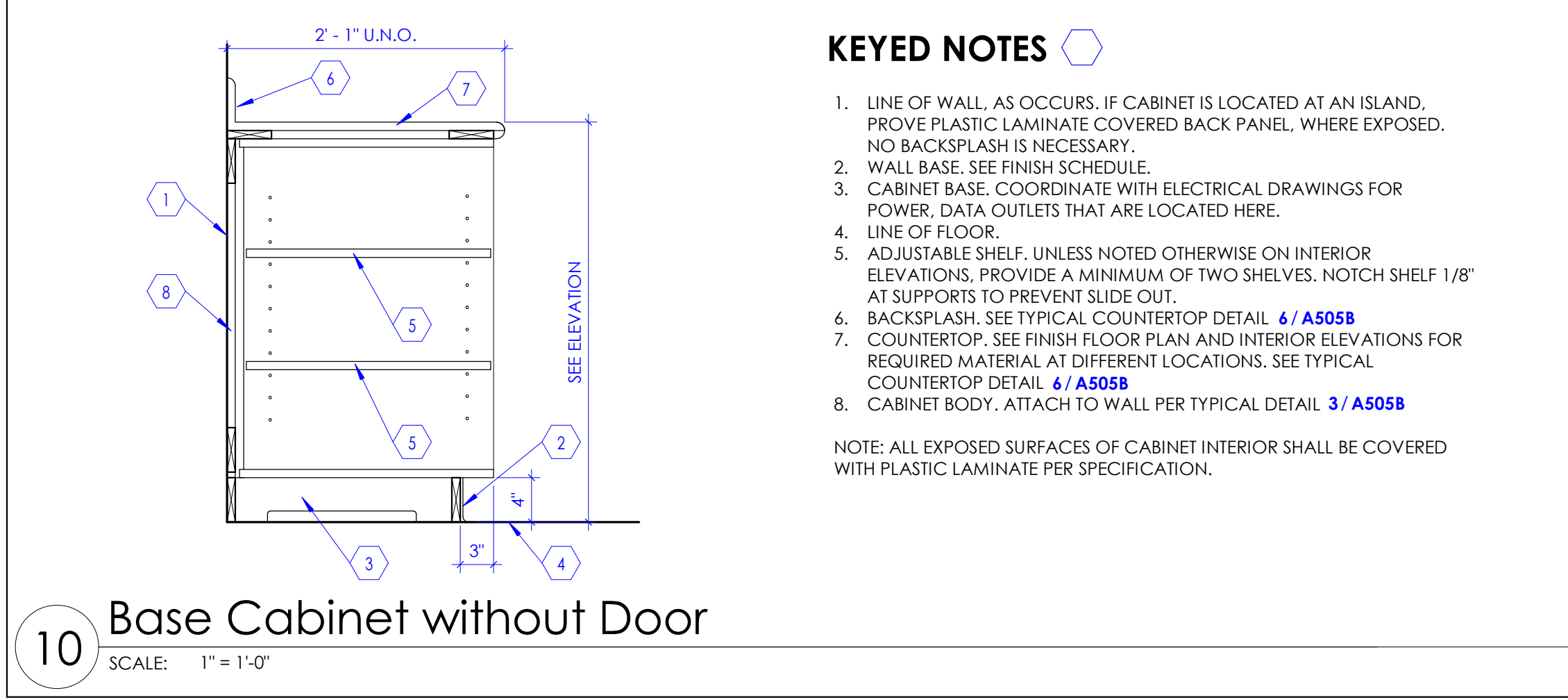
8 Base Cabinet with Drawers
SCALE: 1" = 1'-0"



KEYED NOTES

- LINE OF WALL.
- DRAWER PULL, SEE SPECIFICATIONS IN PROJECT MANUAL.
- FILE DRAWER, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10/A505B
- METAL EDGE FOR HANGING FILE FOLDERS, SEE DETAIL 10/A505B
- WALL BASE, SEE FINISH SCHEDULE.
- CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL, SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/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

9 Base Cabinet with Two File Drawers
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.
 - WALL BASE, SEE FINISH SCHEDULE.
 - CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
 - LINE OF FLOOR.
 - ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 - BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 6/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
- NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.

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

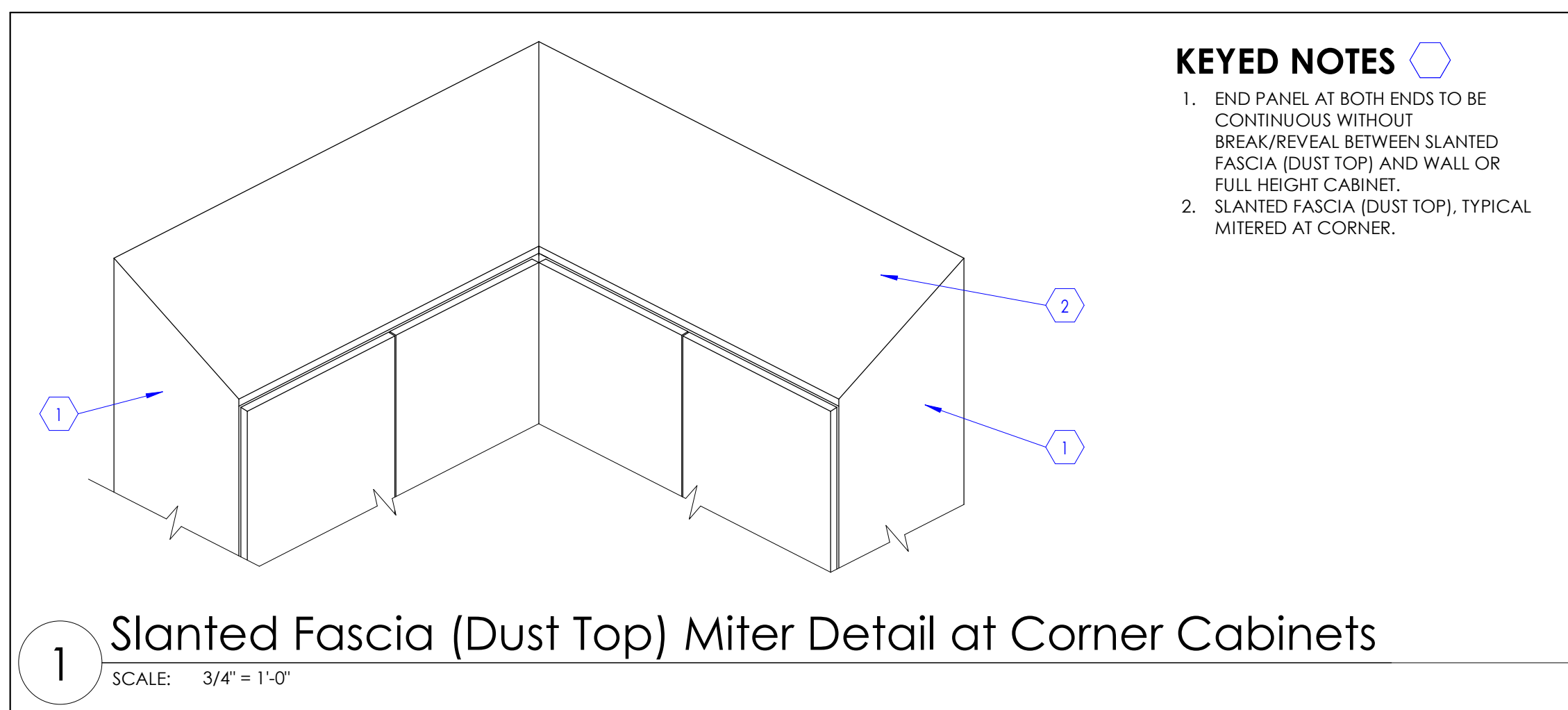
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capecchi Dr.
Salt Lake City, UT 84113

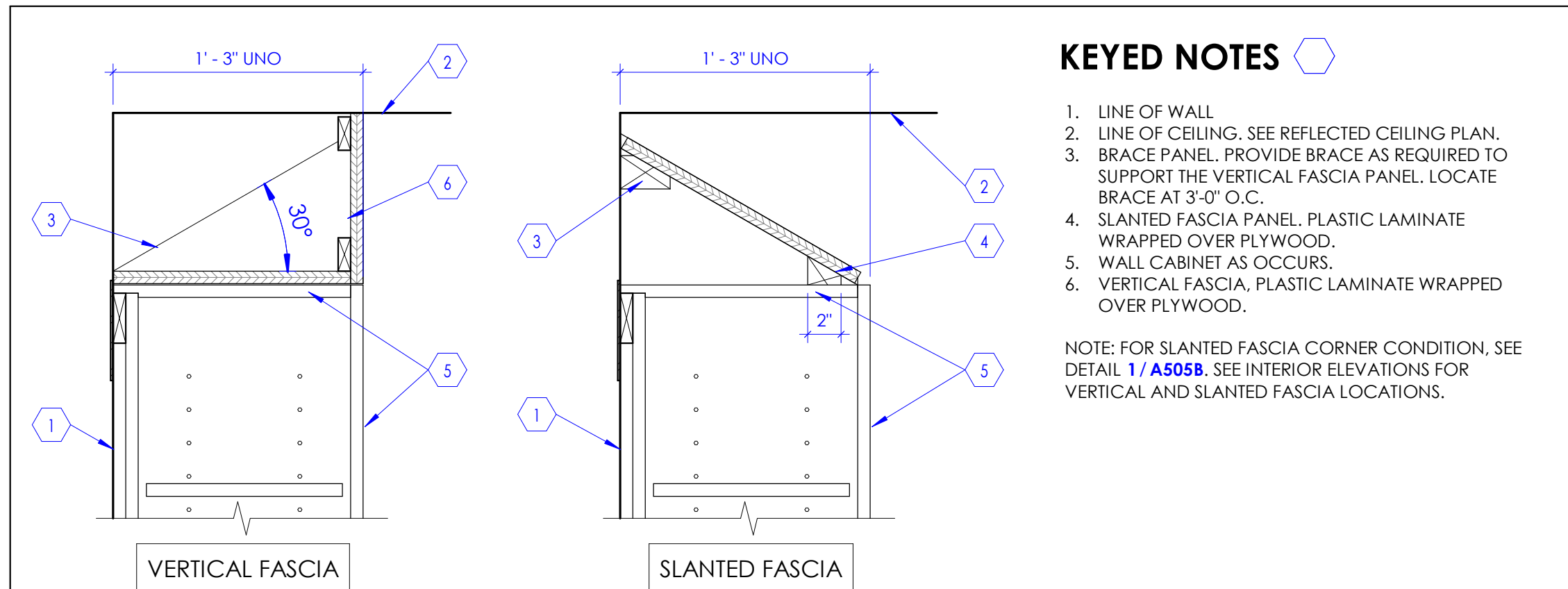
NJRA Project # 23248.00
Construction Documents April 17, 2024

Cabinet
Legend &
Details

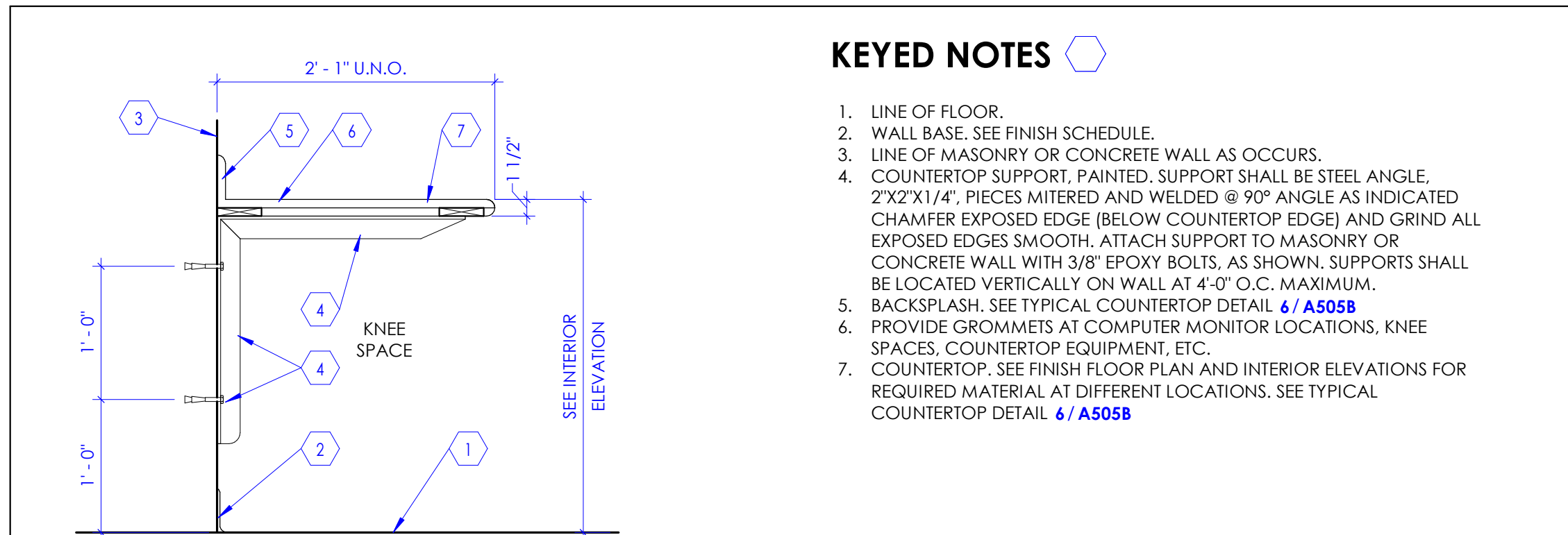
A505A



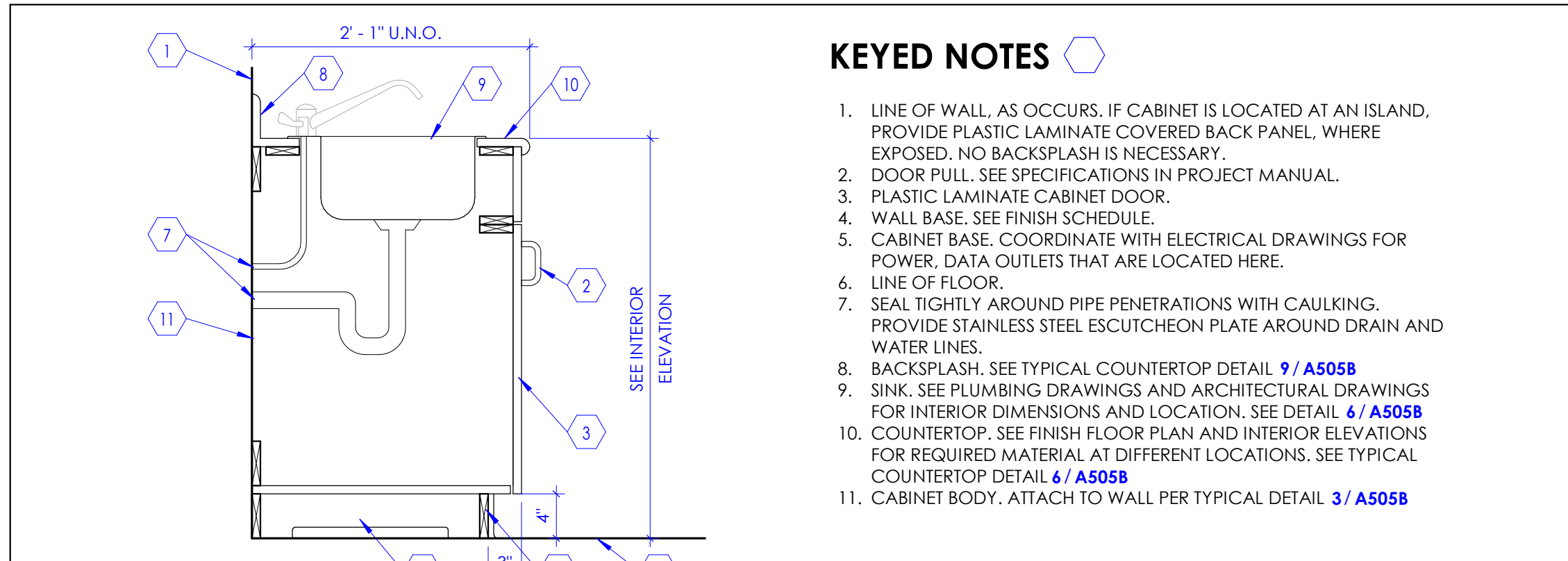
1 Slanted Fascia (Dust Top) Miter Detail at Corner Cabinets
SCALE: 3/4" = 1'-0"



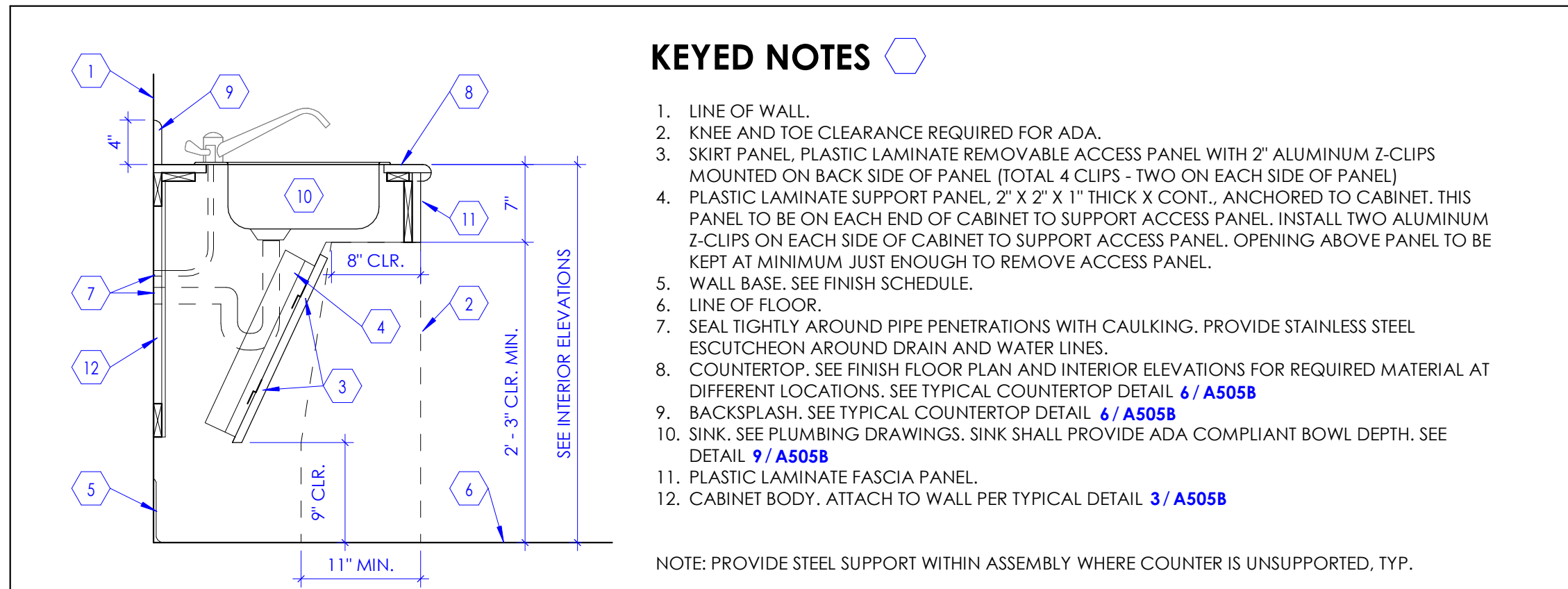
2 Wall Cabinet Fascia
SCALE: 1 1/2" = 1'-0"



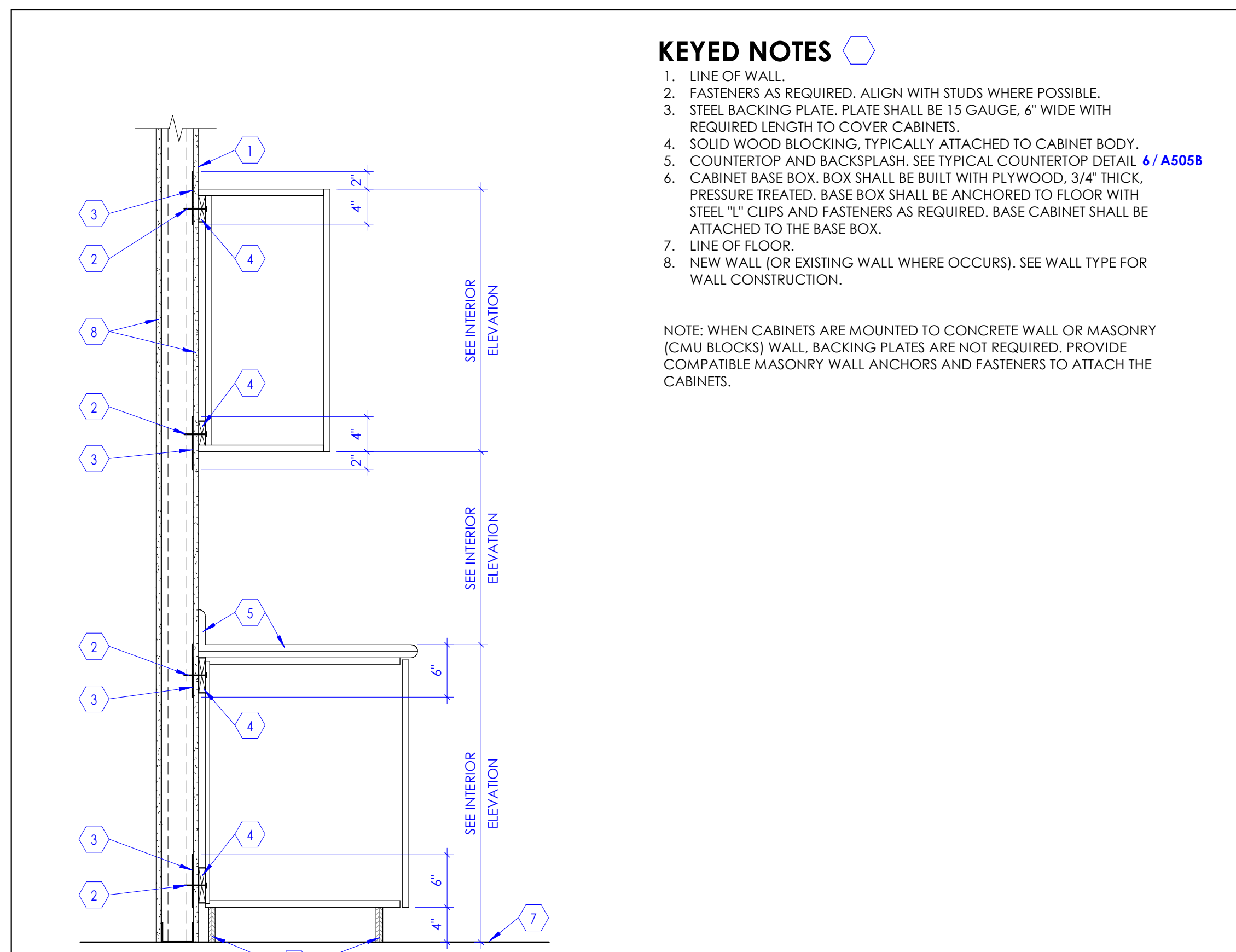
4 Steel Support For Countertop at Masonry & Concrete Walls
SCALE: 1" = 1'-0"



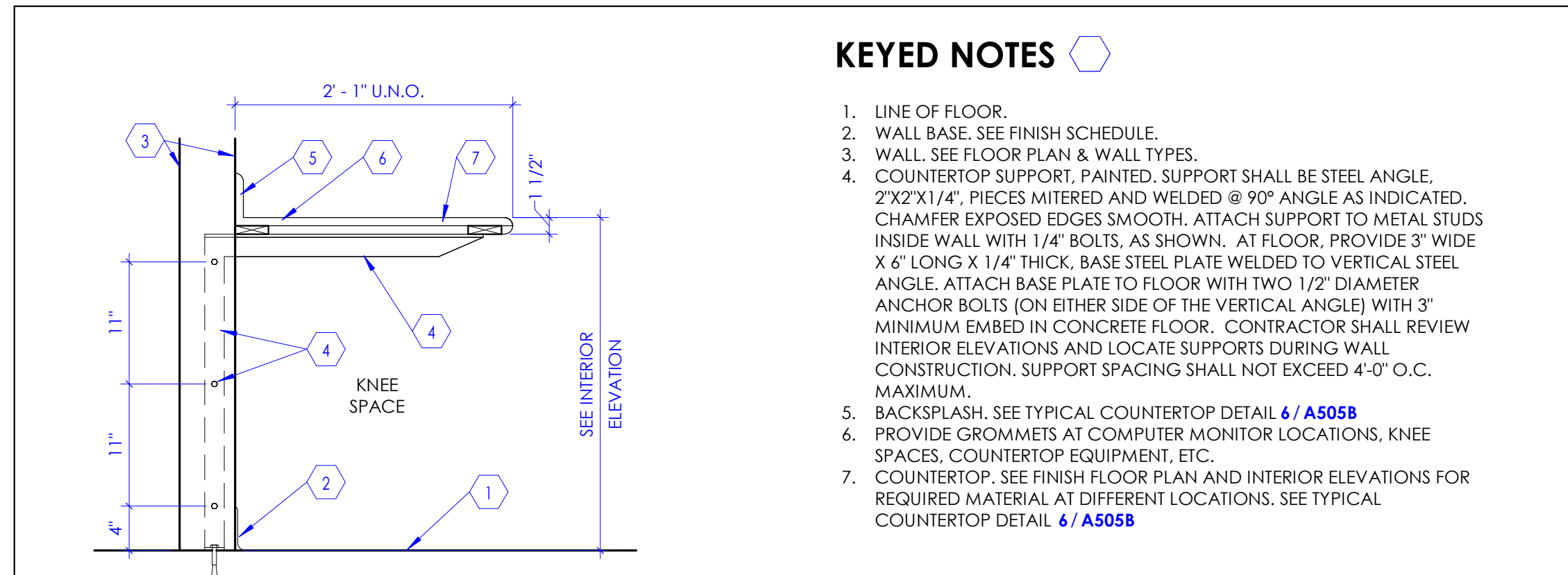
7 Sink with Base Cabinet
SCALE: 1" = 1'-0"



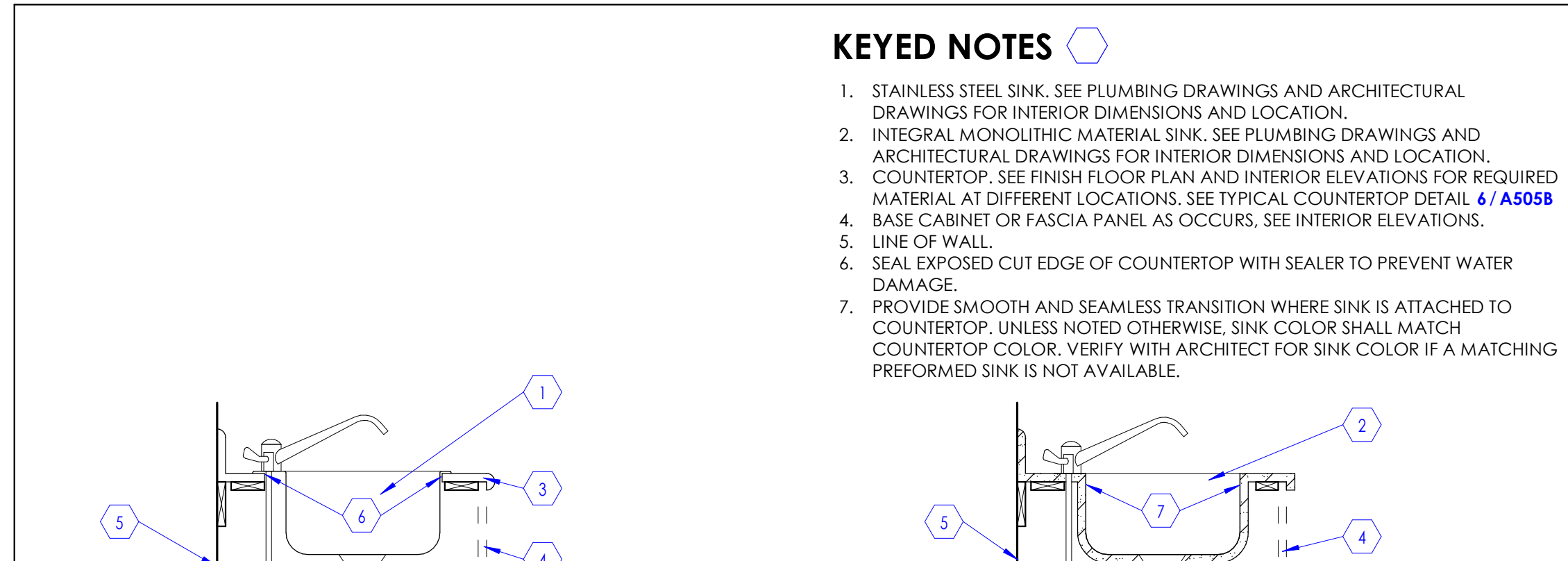
8 Sink without Base Cabinet
SCALE: 1" = 1'-0"



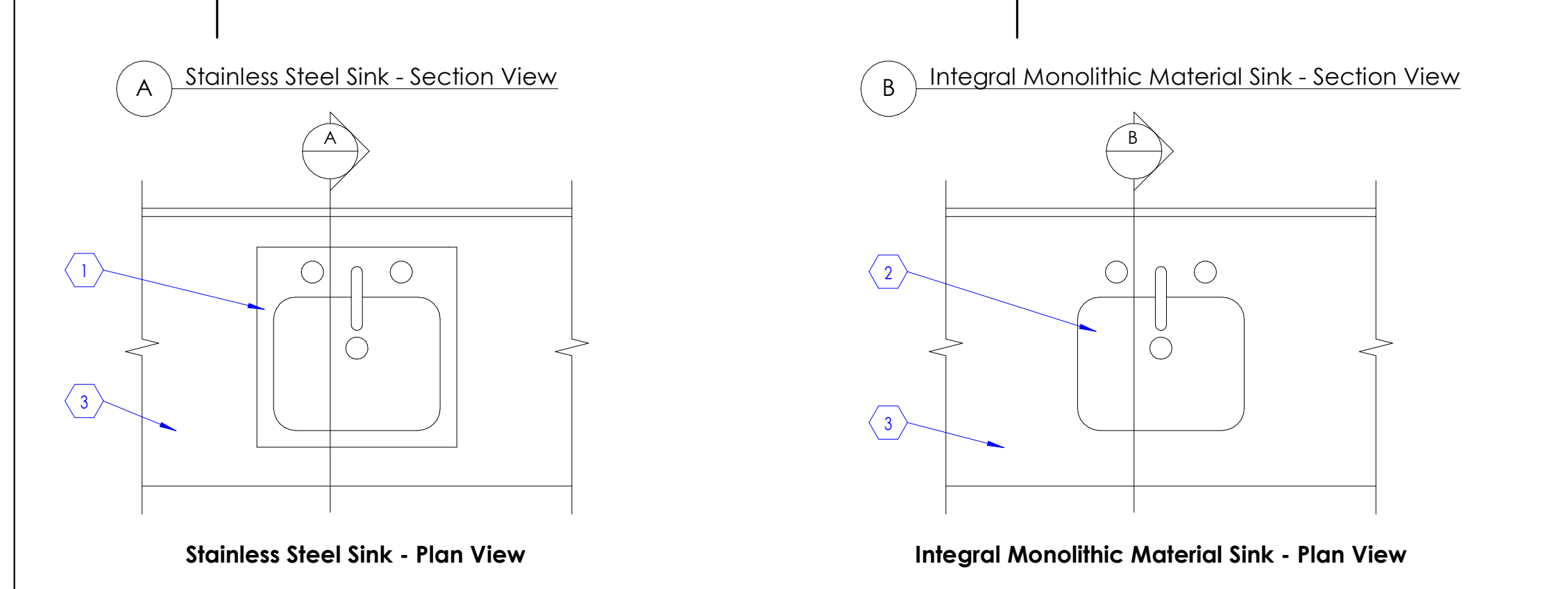
3 Typical Cabinet Body Attachment to Walls
SCALE: 1" = 1'-0"



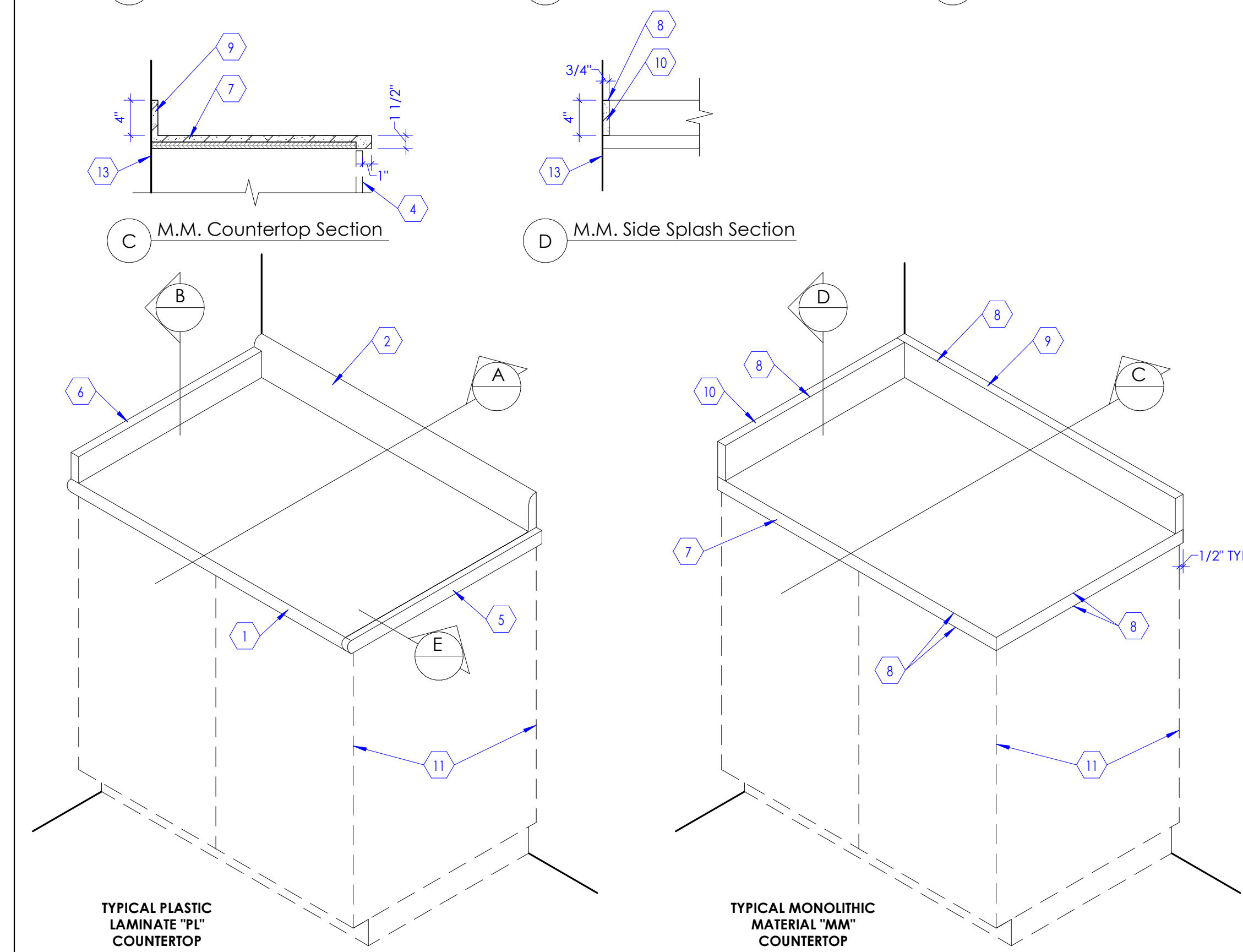
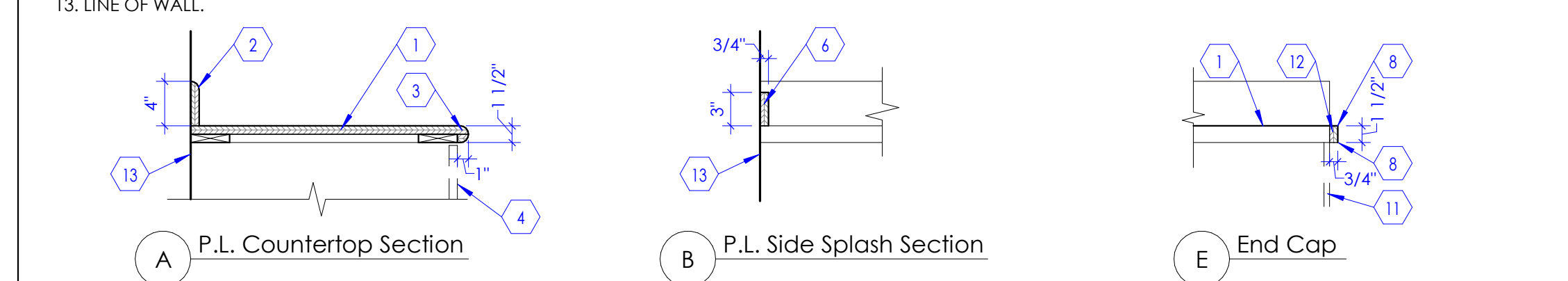
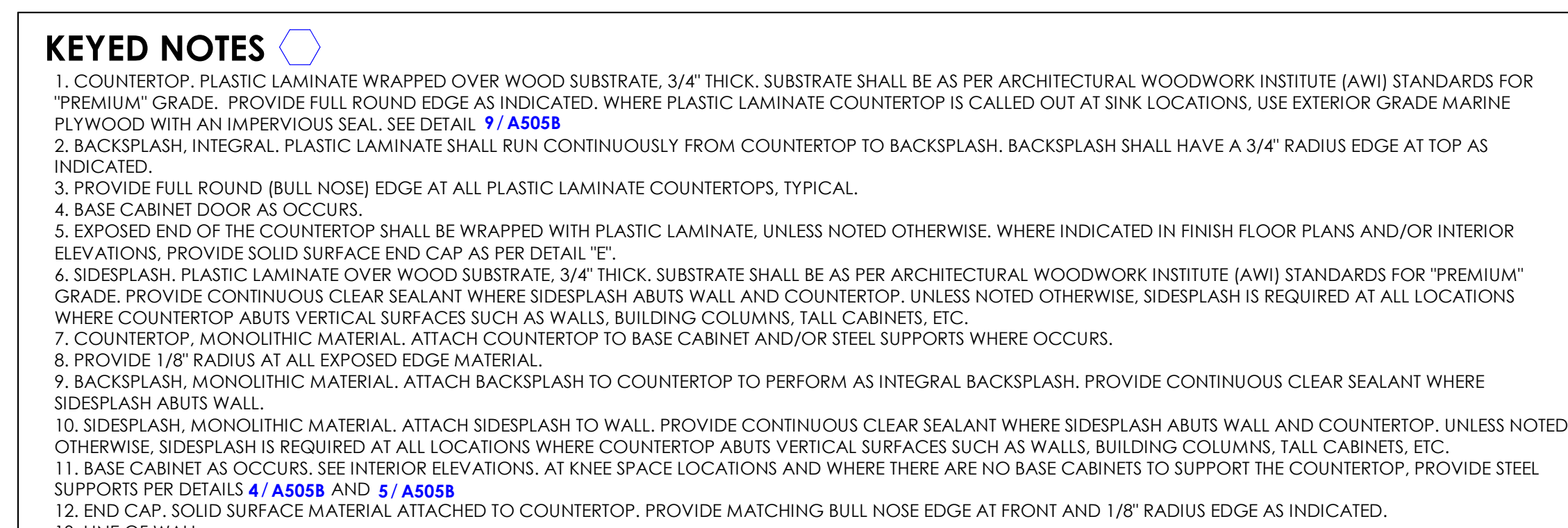
5 Steel Support for Countertop at Stud Wall
SCALE: 1" = 1'-0"



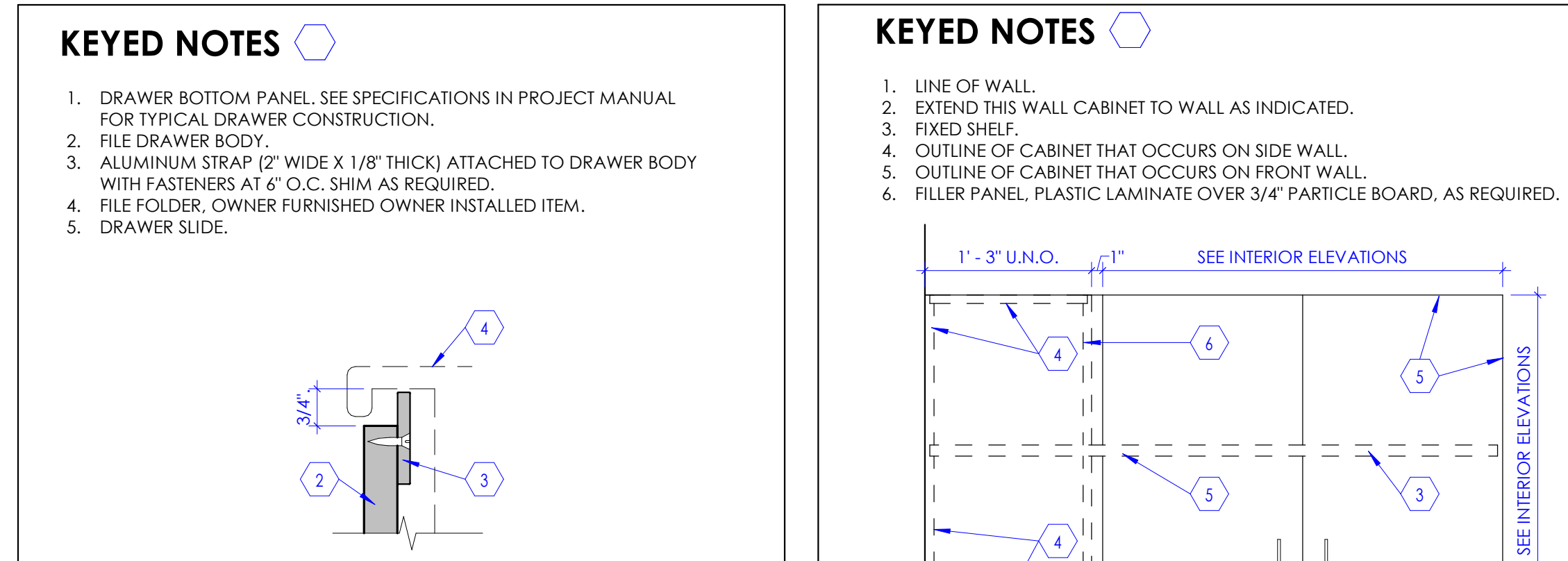
9 Typical Sink Detail
SCALE: 1" = 1'-0"



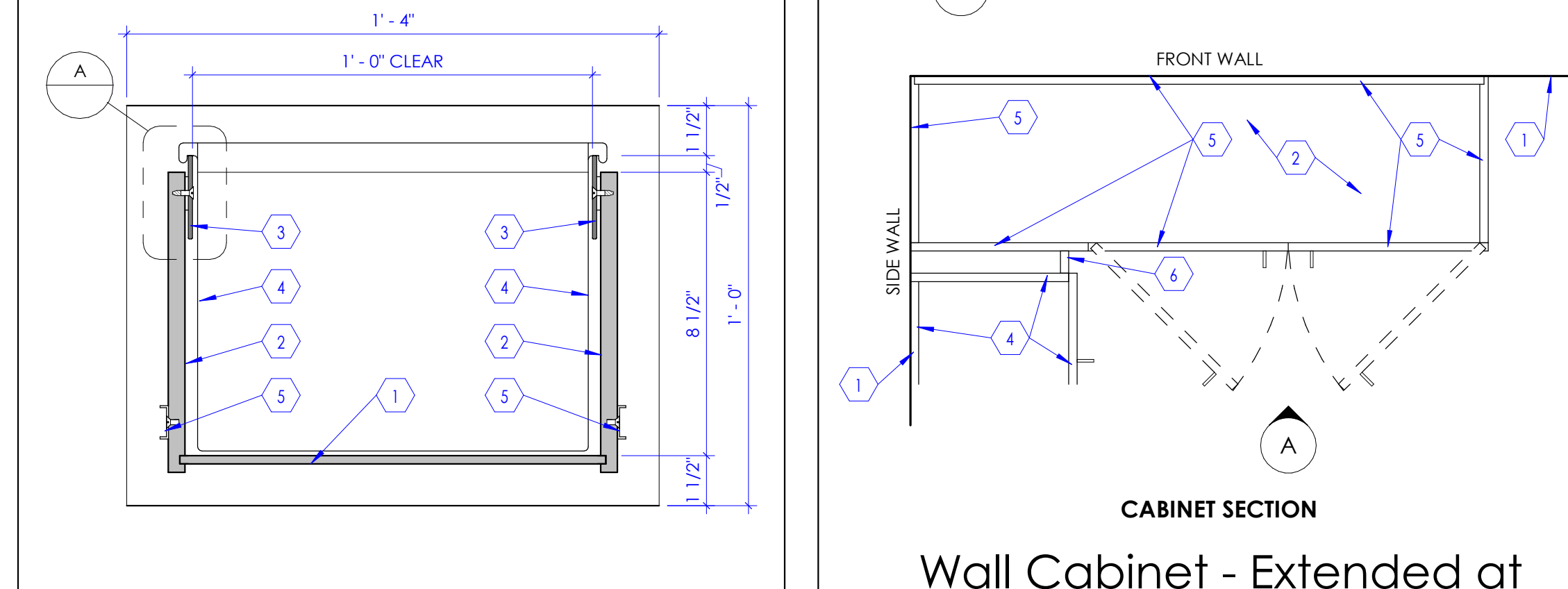
9 Typical Sink Detail
SCALE: 1" = 1'-0"



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



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



11 Wall Cabinet - Extended at Corners
SCALE: 1" = 1'-0"

4/18/2024 4:29:06 PM

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

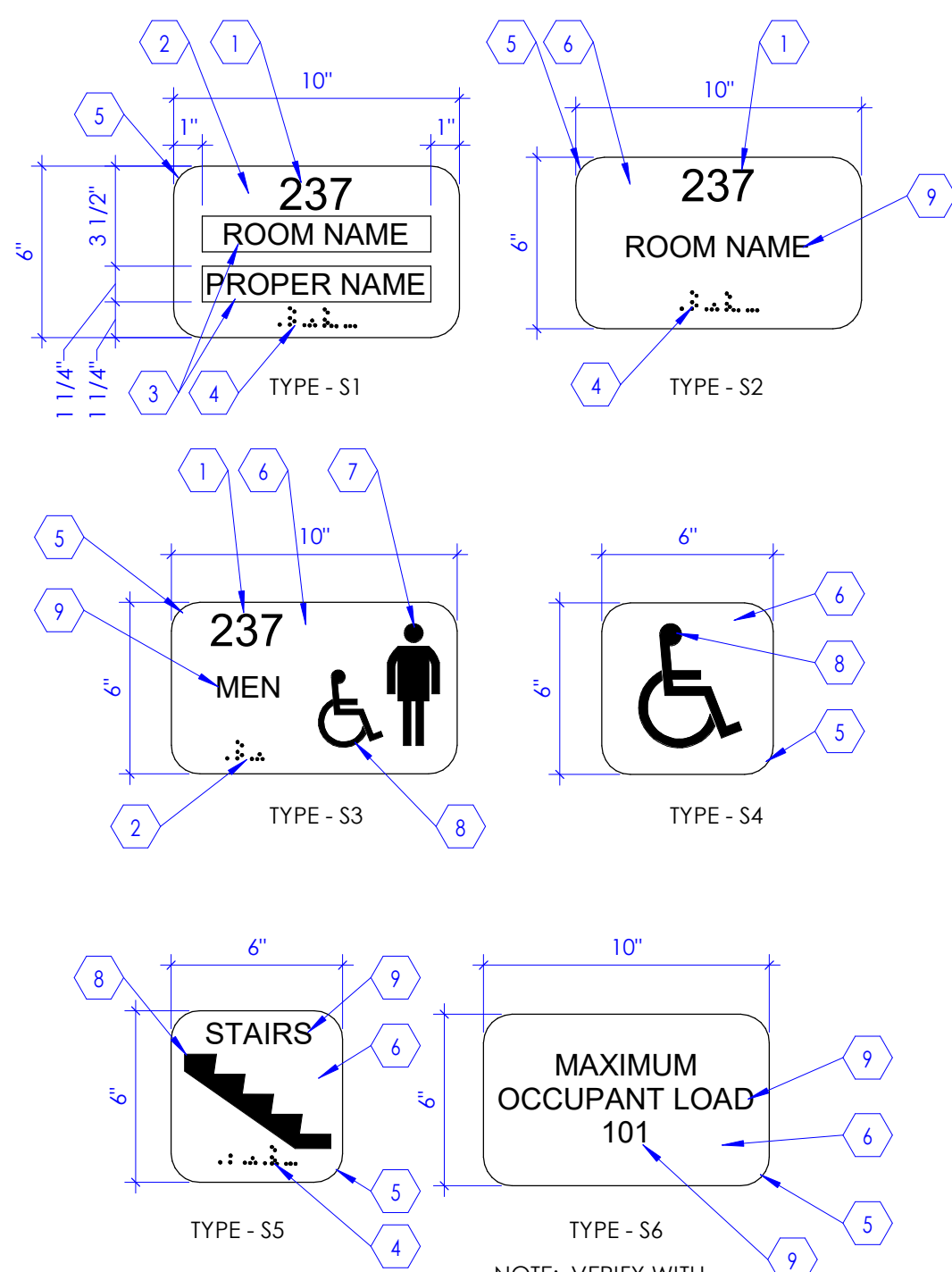
Cabinet
Details

A505B

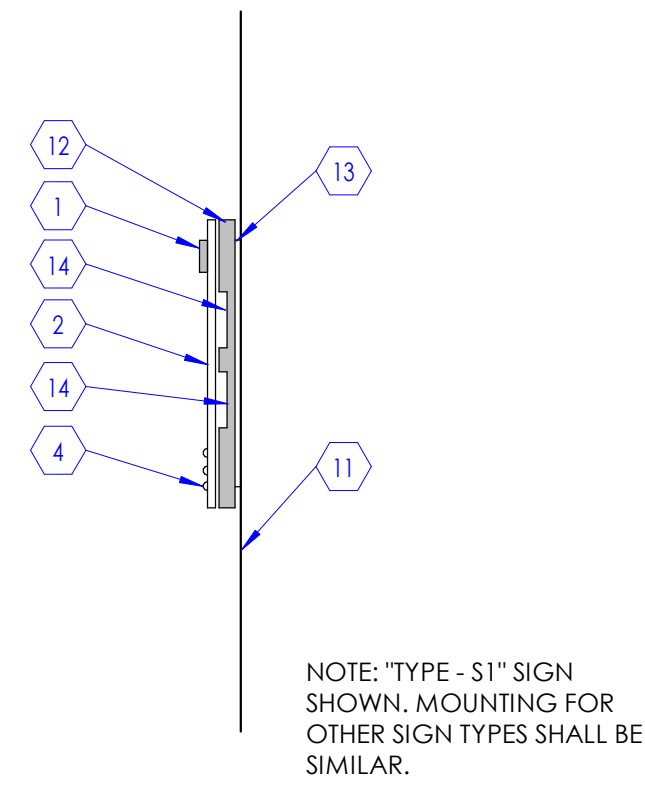
KEYED NOTES

- ROOM NUMBER (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
- MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL (WITH TRANSPARENT WINDOW) ATTACHED TO BASE PANEL.
- TRANSPARENT WINDOW FOR TEXT INSERT (HELVETICA FONT); TEXT INSERT SHALL BE FURNISHED AND INSTALLED BY SIGN CONTRACTOR.
- BRAILLE CHARACTERS AS PER ICC/ANSI - A117.1-09 ABD 2018 IBC, CHAPTER 11 REQUIREMENTS DENOTING ROOM NUMBER AND NAME.
- RADIUS CORNER: 1" TYPICAL.
- MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL.
- PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
- PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC., AS INDICATED.
- ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
- PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
- LINE OF WALL.
- MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
- SHIM PLATE: ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS, USE APPROPRIATE FASTENERS DEPENDING ON THE SUBSTRATE.
- RECESS 1/16" FOR TEXT INSERT, FOR SIGN "TYPE - S1" ONLY.
- SIGNAGE, O.F.O.I.
- SIGN AT ALL ACCESSIBLE LOCATION, O.F.O.I.
- DOOR FRAME, SEE DOOR SCHEDULE.
- DOOR, SEE DOOR SCHEDULE.
- OPENING IN WALL.
- LINE OF FLOOR.

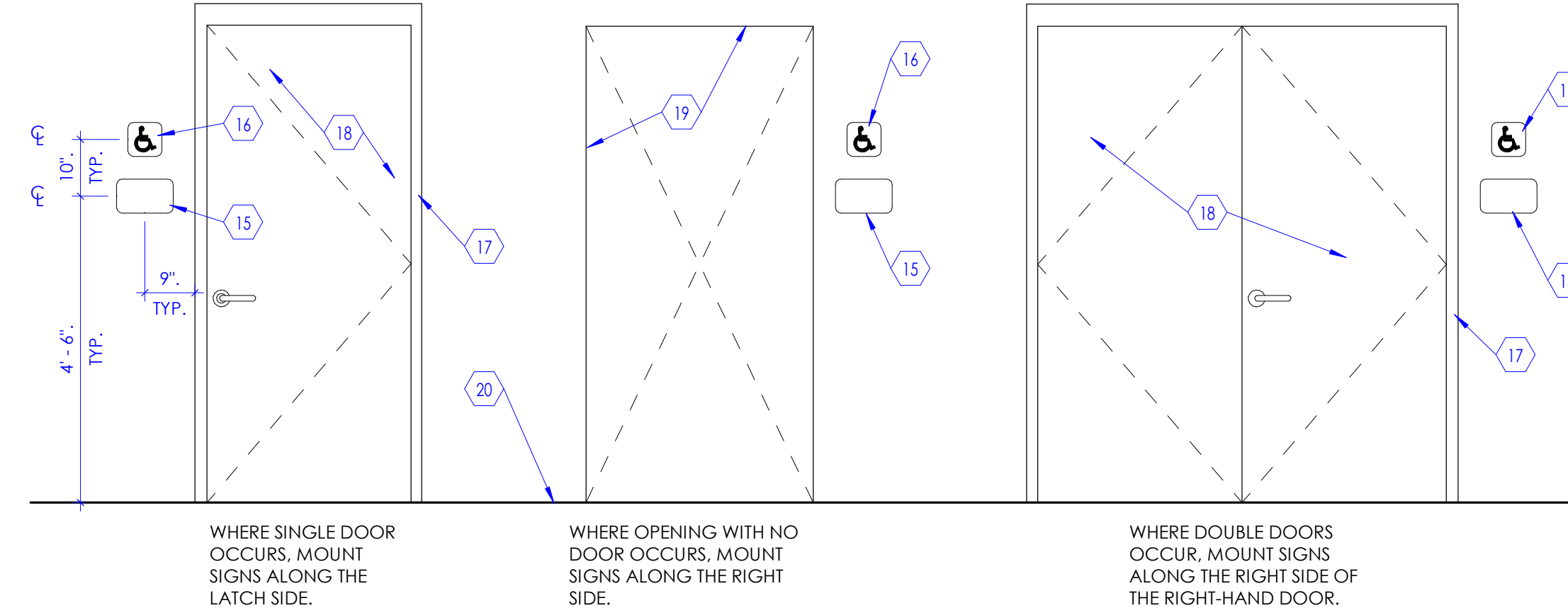
- NOTE:
- PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
 - SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL "TYPE S1" WALL SIGNS.
 - ALL COLORS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



A Sign Types
SCALE: 2" = 1'-0"



B Sign Mounting
SCALE: 3" = 1'-0"



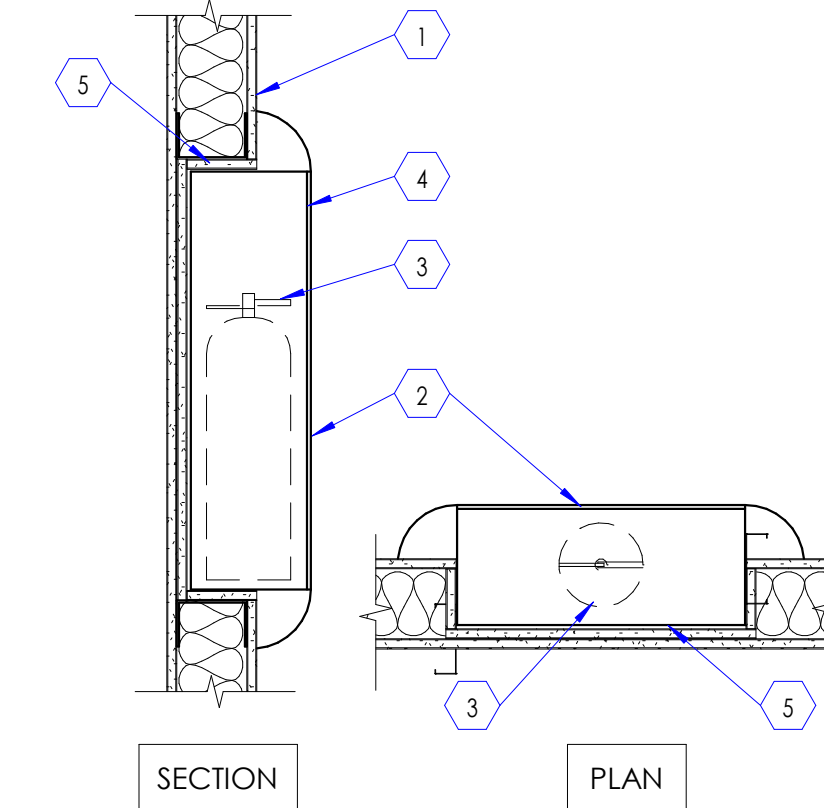
C Sign Mounting Elevations
SCALE: 1/2" = 1'-0"

NOTE: SIGNAGE IN THIS PROJECT IS OWNER FURNISHED AND INSTALLED. THIS DETAIL IS FOR REFERENCE ONLY.

1 Room Signage Detail
SCALE: N.T.S.

KEYED NOTES

- GYPSUM BOARD, 5/8" THICK, (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD.
- FIRE EXTINGUISHER CABINET, SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
- HAND HELD FIRE EXTINGUISHER.
- CABINET DOOR.
- COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.



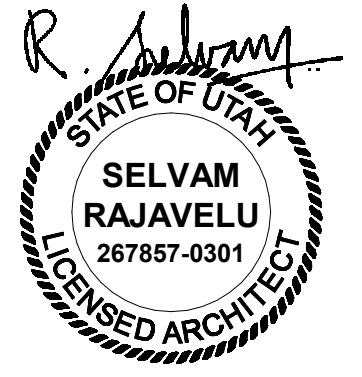
AT GYPSUM BOARD WALL
FIRE EXTINGUISHER RECESSED CABINET AT GYPSUM BOARD WALL

2 Fire Extinguisher Cabinet Detail
SCALE: 1" = 1'-0"

NOTE:
ACCESSIBILITY REQUIREMENTS: SLC DOES NOT ENFORCE THE 2010 ADA STANDARDS OR OTHER AMERICANS WITH DISABILITY ACT (ADA) OR FEDERAL FAIR HOUSING ACT REQUIREMENTS. THESE STANDARDS ARE FEDERAL CIVIL RIGHTS LAWS ENFORCED BY THE DEPARTMENT OF JUSTICE OR FHA. THE ACCESSIBILITY REQUIREMENTS WHICH SLC ENFORCES ARE THOSE PRESCRIBED IN THE 2018 IBC CHAPTER 11 AND THE ICC/ANSI - A117.1-09 AS ADOPTED IN THE UTAH CODE TITLE 15A. THIS APPLIES TO ALL ACCESSIBILITY REFERENCES IN THE ENTIRE PROJECT.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



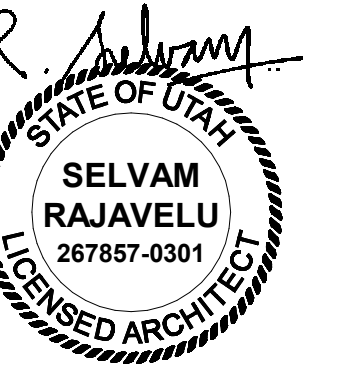
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Details

A506A



DOOR SCHEDULE

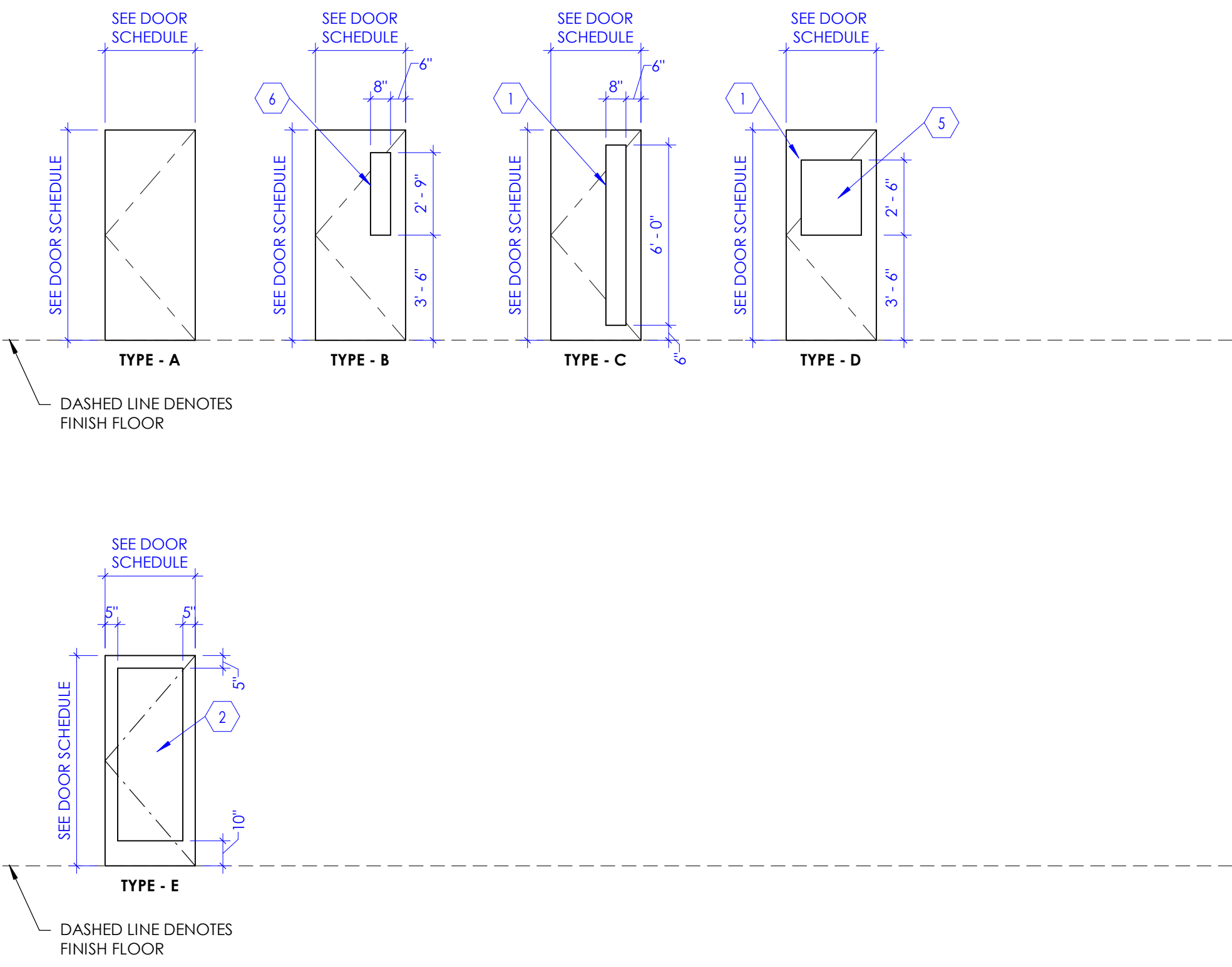
DOOR #	# OF PANELS	DOOR				FRAME			DETAILS				DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS	
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD					THRESHOLD
A115A	2	3'-0"	2'-0"	EXIST.	EXIST.	HM	D	1 (EXIST.)	EXIST.	HM	EXIST.	EXIST.	EXIST.	A115A	45 (EXIST.)	EXIST.	1, 2, 3, 4

COMMENTS

- RE-USE DOOR HARDWARE.
- EXISTING FIRE RATED DOOR AND FRAME TO REMAIN, RETAIN FIRE RATING.
- EXISTING HOLLOW METAL DOOR AND HARDWARE TO REMAIN UNLESS NOTED OTHERWISE.
- CUT EXISTING 4' DOOR PANEL TO CREATE NEW WINDOW WITH FIRE RATED GLAZING AND INTEGRAL BLIND.

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.
- PROVIDE FIRE RATED INSULATED GLAZING WITH INTEGRAL LOUVER SYSTEM AT THIS DOOR VISION WINDOW, BASIS OF DESIGN: UNICEL ARCHITECTURAL - VISION CONTROL GLAZING.
- PROVIDE LEAD LINED GLAZING AT THIS DOOR VISION WINDOW, SEE PHYSICISTS SHIELDING REPORT FOR ALL LEAD SHIELDING REQUIREMENTS. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED. PROVIDE METAL TRIM AROUND VISION PANEL.



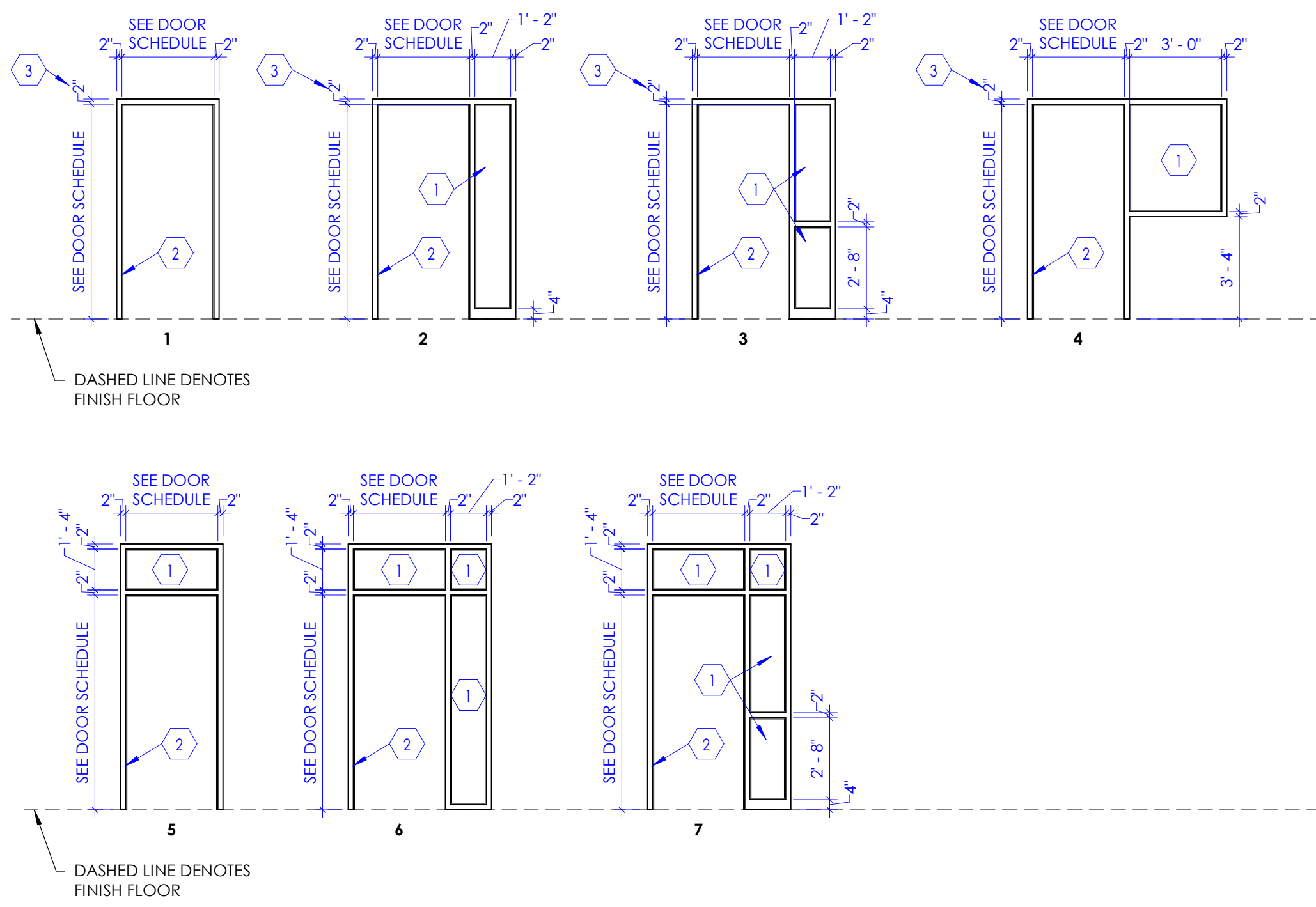
1 Door Types

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"

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino, Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Door
Schedule

A601A

FINISH SCHEDULE

TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH		RESINOUS FLOORING	STONEHARD GROUP	STONRES RTZ	-	CANVAS	-
F2	FLOOR FINISH		RESINOUS FLOORING - BORDER	STONEHARD GROUP	STONECLAD	-	COOL SHALE	-
F3	FLOOR FINISH		SHEET VINYL	TARKETT	IQ OPTIMA	-	-	5
F4	FLOOR FINISH		RESINOUS FLOORING	STONEHARD GROUP	-	-	-	2
B1	WALL BASE	4" HIGH	COVED RESINOUS BASE	STONEHARD GROUP	STONECLAD	-	COOL SHALE	-
B2	WALL BASE		COVED SHEET VINYL	TARKETT	IQ OPTIMA	-	-	4, 5
B3	WALL BASE		COVED RESINOUS BASE	STONEHARD GROUP	-	-	-	2
W3	WALL FINISH		PAINT	-	-	-	-	2
W4	WALL FINISH		PAINT - EPOXY	BENJAMIN MOORE	-	OC-121	MOUNTAIN PEAK WHITE	-
C1	CEILING FINISH		PAINTED GYPSUM BOARD - EPOXY	BENJAMIN MOORE	-	OC-121	MOUNTAIN PEAK WHITE	-
MS1	MISC. SURFACE FINISH		PAINTED HOLLOW METAL DOOR AND WINDOW FRAMES	BENJAMIN MOORE	SEMI-GLOSS	-	-	2
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	WILSONART	MATTE FINISH	D427-60	LINEN	-
MM1	MONOLITHIC MATERIAL		SOLID SURFACE	KRION	ROYAL + SERIES	9904	BRIGHT CONCRETE	-
CG1	WALL PROTECTION		CORNER GUARD	CONSTRUCTION SPECIALTIES	HEAVY DUTY CORNER GUARDS	-	STAINLESS STEEL	6
CG2	WALL PROTECTION		CORNER GUARD	CONSTRUCTION SPECIALTIES	ACROVYN CORNER GUARDS	934	PEARL	6
WP1	WALL PROTECTION		WAINSCOT PANEL	CONSTRUCTION SPECIALTIES	ACROVYN SHEET	934	PEARL	1
WP2	WALL PROTECTION		DOOR FRAME PROTECTION	CONSTRUCTION SPECIALTIES	HEAVY DUTY	-	STAINLESS STEEL	3

COMMENTS

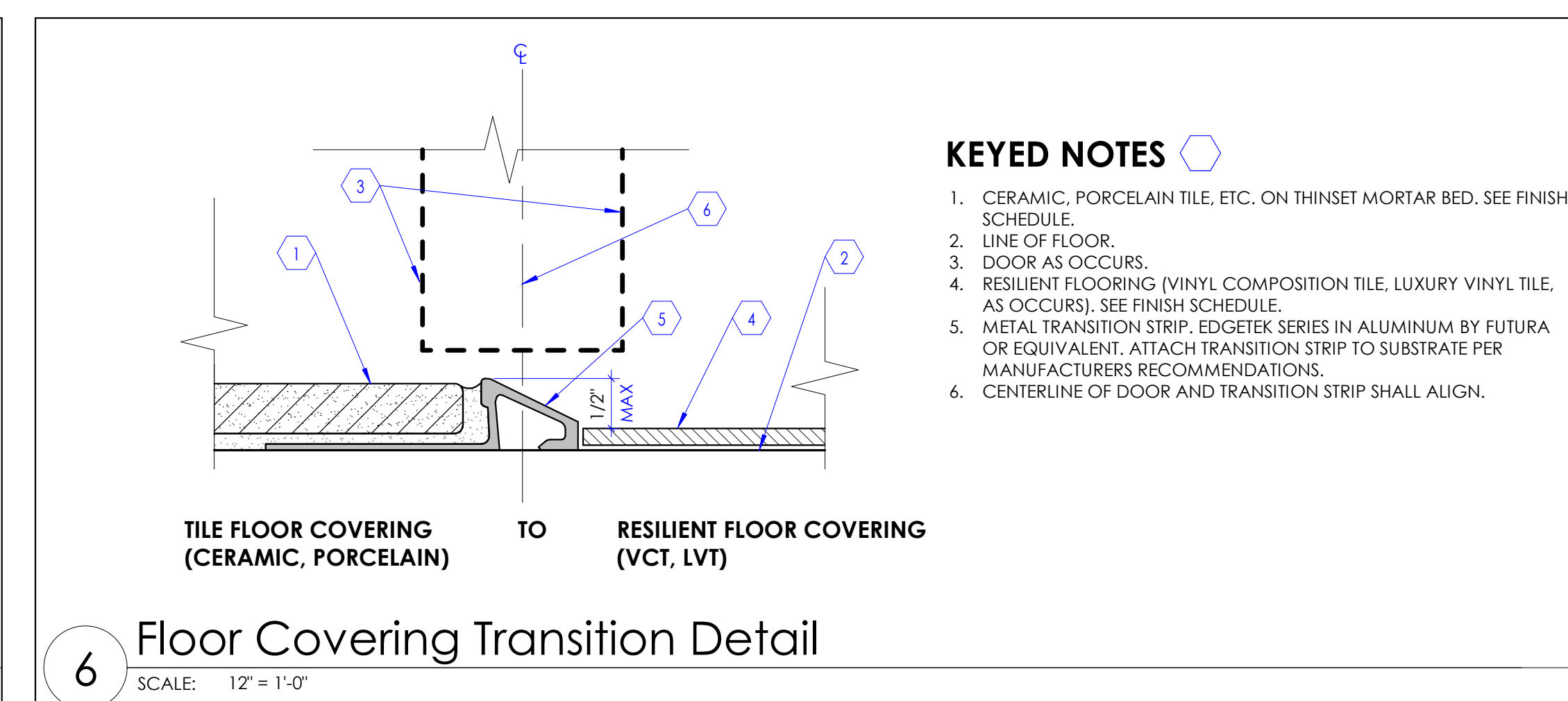
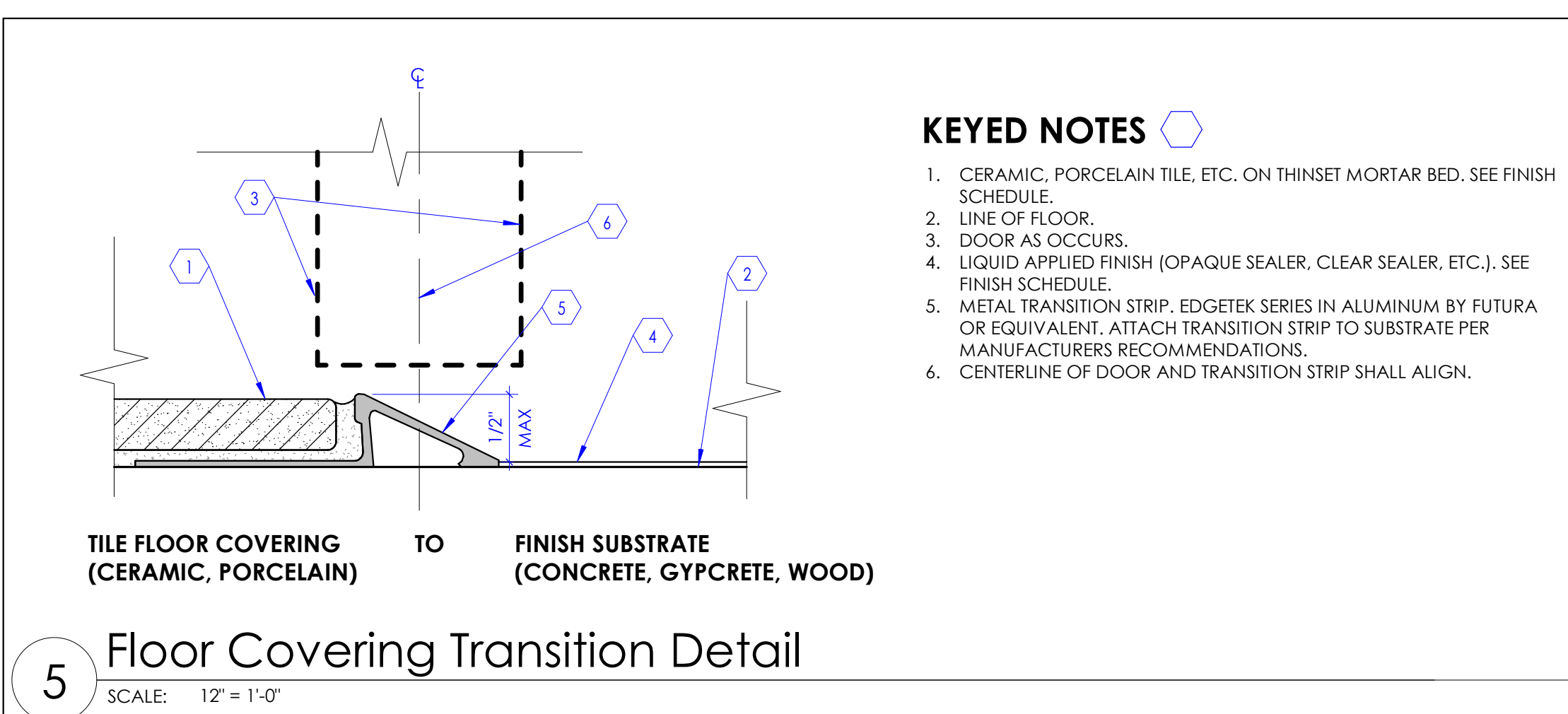
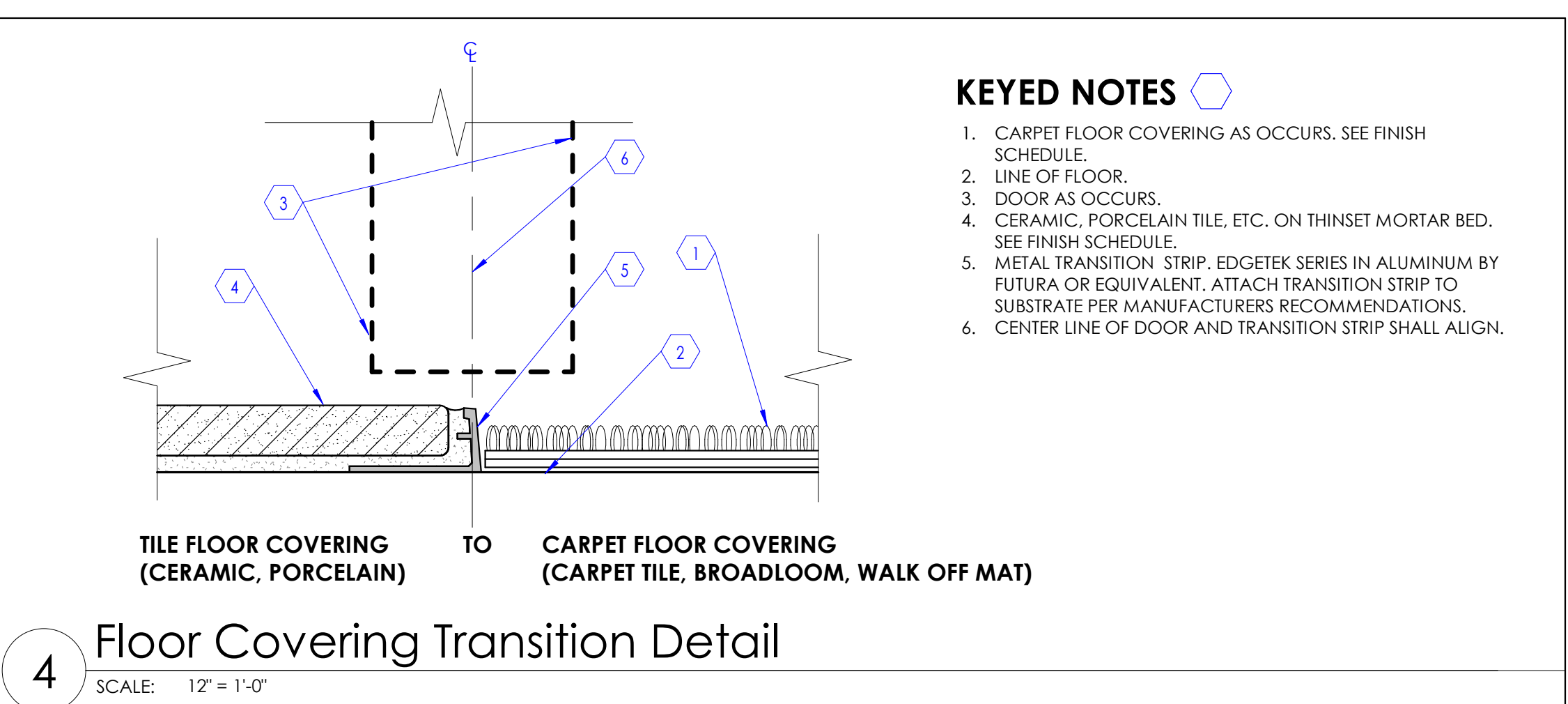
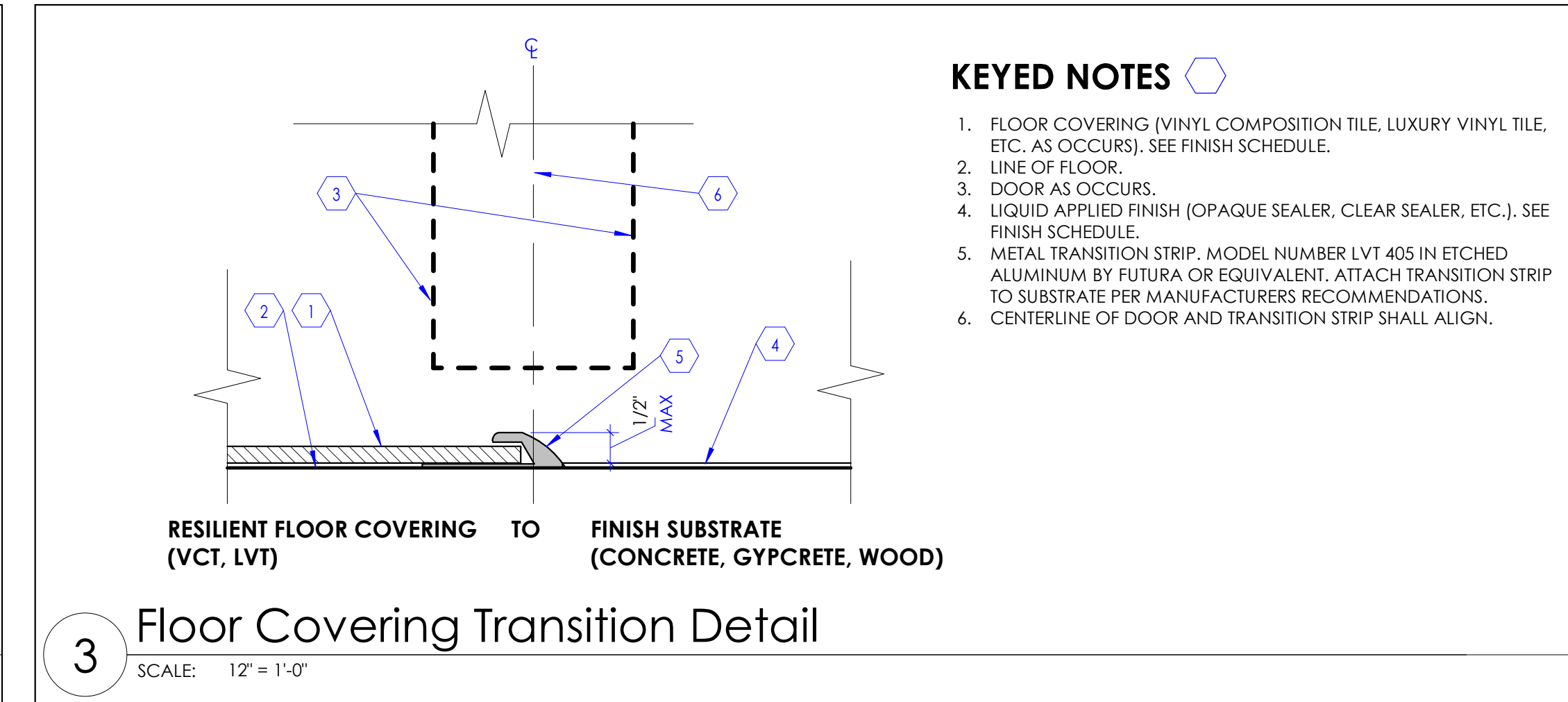
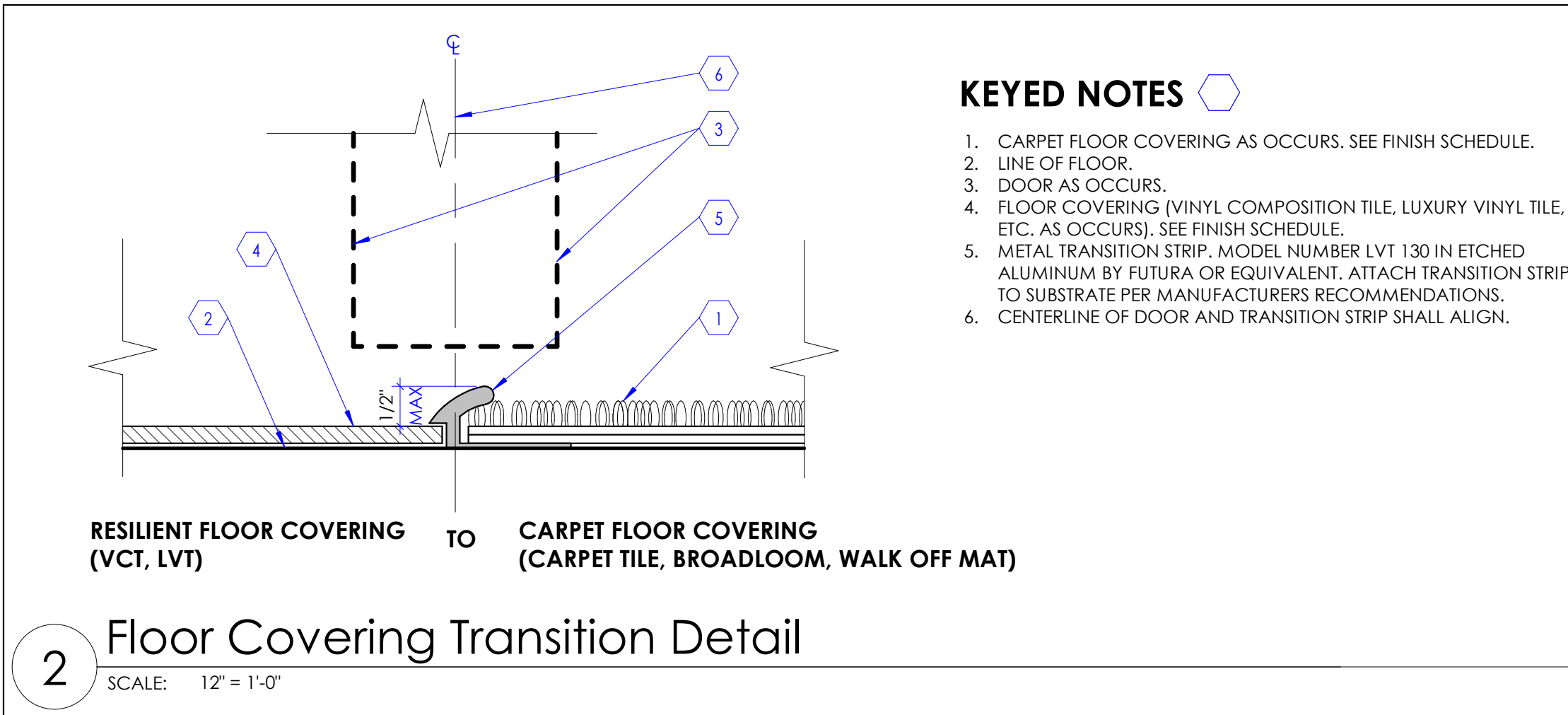
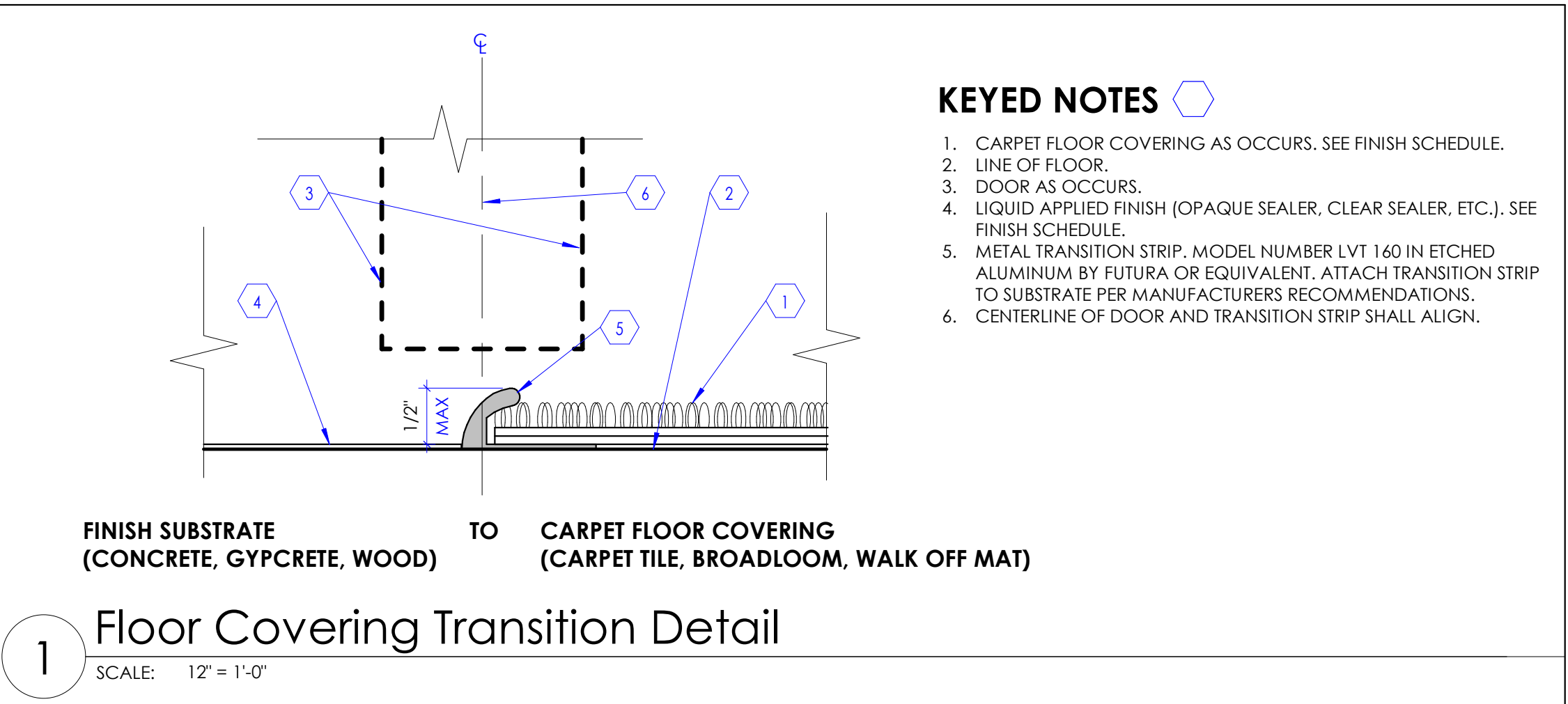
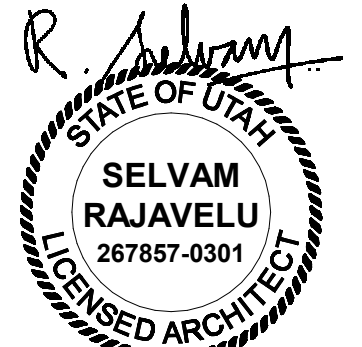
1. WAINSCOT PANEL WALL PROTECTION TO SPAN FROM TOP OF WALL BASE TO 4'-4" A.F.F.
2. MATCH EXISTING ADJACENT FINISH STYLE AND COLOR.
3. STAINLESS STEEL DOOR FRAME PROTECTORS TO SPAN FROM FLOOR TO 4'-0" A.F.F. PROFILE TO MATCH DOOR FRAME.
4. TOP EDGE OF COVED SHEET VINYL TO BE FINISHED WITH AN ALUMINUM CAP.
5. USE ATTIC STOCK SHEET VINYL FLOORING TO PATCH FLOORING IN THIS DESIGNATED AREA.
6. CORNER GUARD WALL PROTECTION TO SPAN FROM TOP OF WALL BASE TO ALIGN WITH TOP OF WAINSCOT PANEL WALL PROTECTION.

GENERAL NOTES

1. 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.
2. 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.).
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 17, 2024

Finish
Schedule &
Details

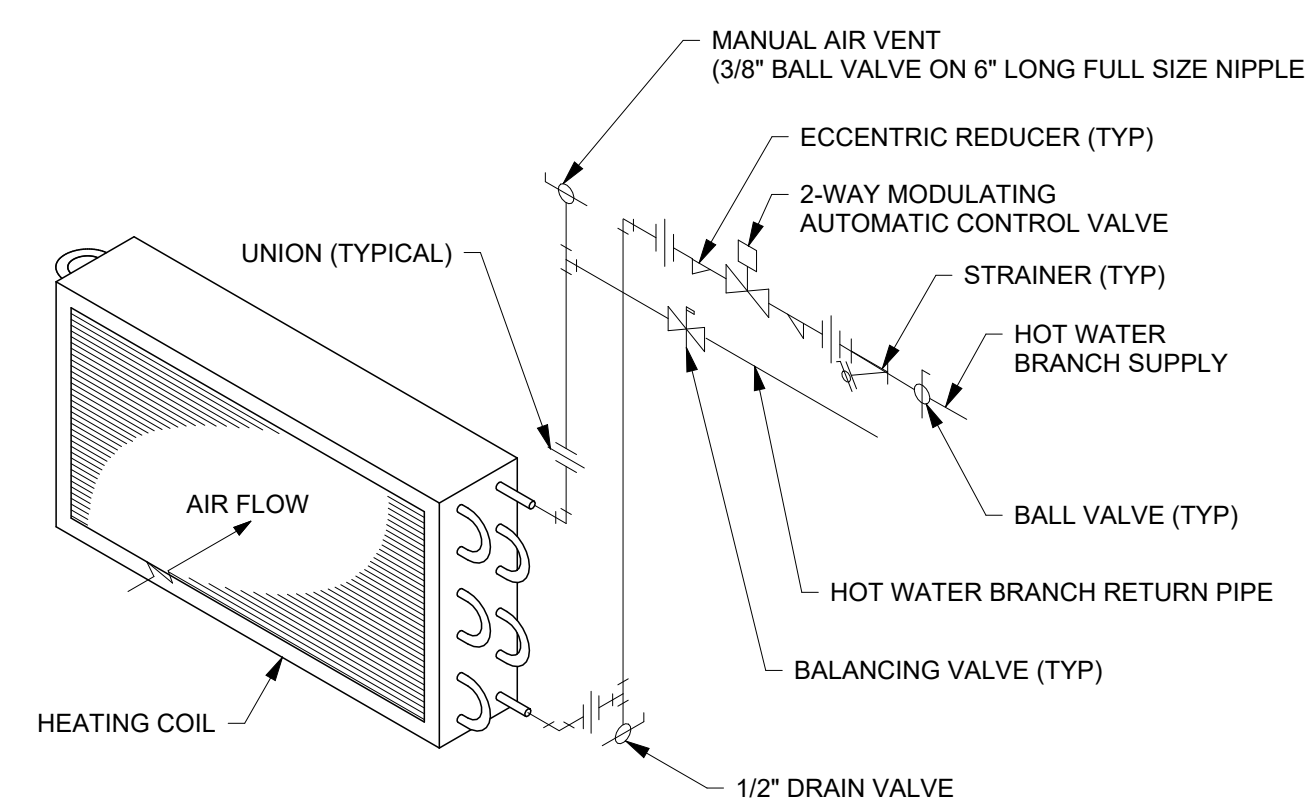
A603A

4/18/2024 4:27:15 PM



VAV TERMINAL UNIT SCHEDULE (HYDRONIC HEAT)																			
ACCEPTABLE MANUFACTURERS:				REMARKS:															
KRUEGER TITUS				(1) INLET STATIC PRESSURE OF 1.75" AND DISCHARGE OF .25" (2) NC RATING BASED OFF OF AHRI STANDARD 885-2008 (3) PRESSURE INDEPENDENT OPERATION. (4) PROVIDE NEMA 1 ENCLOSURE FOR CONTROLS.				(5) PROVIDE WITH BAGNET CONTROLLER. CONTRACTOR TO UTILIZE METASY'S JOHNSON CONTROLS. (6) PROVIDE ACCESS PANEL. (7) CONTROLS CONTRACTOR TO UTILIZE EXISTING 120V TO 24V TRANSFORMER. VERIFY APPROX. ONE TRANSFORMER FOR EVERY SIX VAV BOXES.											
LABEL	SERVES	AIRFLOW			INLET SIZE	HOT WATER HEATING COIL						MAX DISCHARGE NC	MANUFACTURER	MODEL	REMARKS				
		MAX (CFM)	MIN (CFM)	AIR PD (IN-WC)		MAX AIRFLOW (CFM)	CAPACITY (MBH)	EAT (°F)	LAT (°F)	FLOW RATE (GPM)	EWT (°F)					LWT (°F)	WATER PD (FT)	ROWS	CONTROL VALVE
V-1	OR #17	2,000	1,850	0.26	14"	2,000	70.2	55	90	3.6	180	140	0.57	2	2-WAY	22	KRUEGER	LMHS	ALL

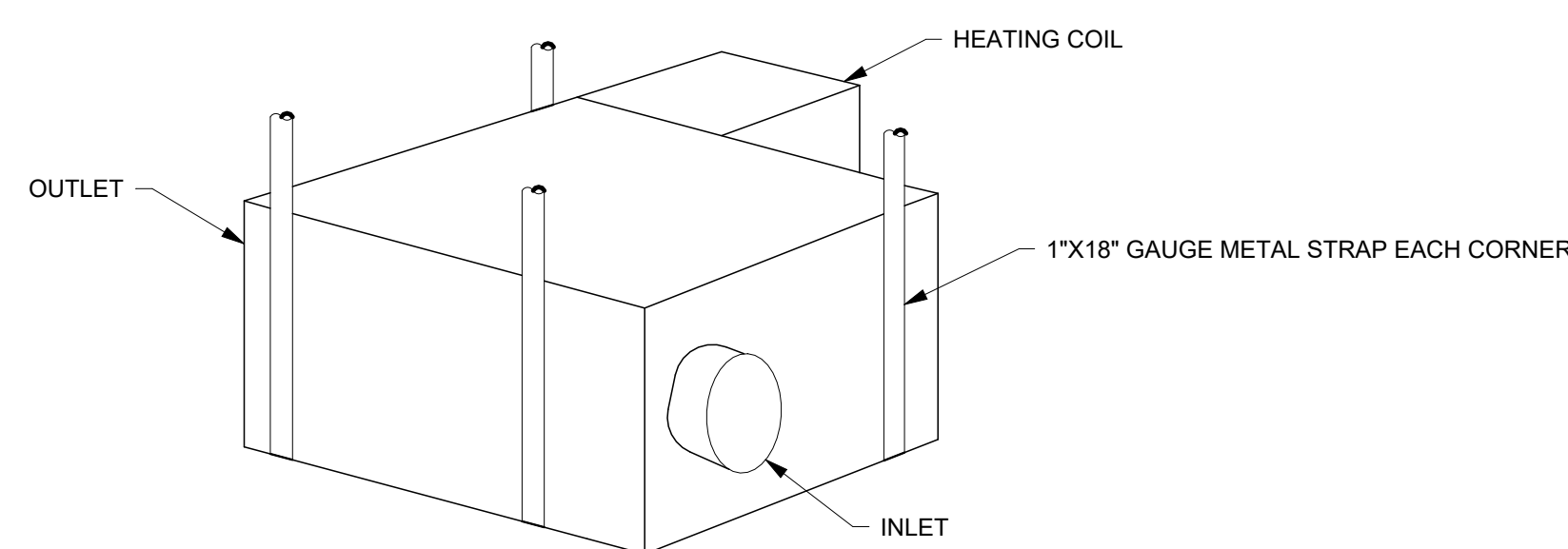
REGISTER - GRILLE - DIFFUSER SCHEDULE										
ACCEPTABLE MANUFACTURERS:			REMARKS:							
KRUEGER TITUS & BAILEY TITUS PRICE			(1) REGISTERS AND GRILLES SHALL BE TESTED IN ACCORDANCE WITH ANSI/ASHRAE STD 70. (2) NC VALUES ARE BASED ON OCTAVE BAND SOUND POWER LEVELS MINUS A ROOM ABSORPTION OF 10 dB, RE 10(12) WATTS. (3) COORDINATE EXACT COLOR SELECTION WITH OWNER AND ARCHITECT. (4) LAMINAR DIFFUSER TO BE CONSTRUCTED OF ALL STAINLESS STEEL. (5) INTEGRATED LED REQUIRES 120V ELECTRICAL CONNECTION. COORDINATE WITH ELECTRICAL DRAWINGS. (6) STAINLESS STEEL SINGLE DEFLECTION, BLADES PARALLEL TO FLOOR.							
LABEL	TYPE	MAX AIRFLOW (CFM)	FACE SIZE	NECK SIZE	BLOW PATTERN	PD (IN-WC)	MAX NC	MANUFACTURER	MODEL	REMARKS
CD-1	LAMINAR PATTERN DIFFUSER	250	60" X 24"	10"	LAMINAR	0.065	25	TITUS	TLF-SS-LED	(1)(2)(3)(4)(5)
CD-2	LAMINAR PATTERN DIFFUSER	250	48" X 24"	10"	LAMINAR	0.065	25	TITUS	TLF-SS-LED	(1)(2)(3)(4)(5)
SWR-1	SINGLE DEFLECTION GRILLE	1000	24" X 10"	24" X 10"	---	0.031	27	TITUS	301RS-SS	(1)(2)(3)(6)



NOTE:
1. SEE FLOOR PLAN FOR SIZE OF HOT WATER SUPPLY AND RETURN BRANCH PIPING

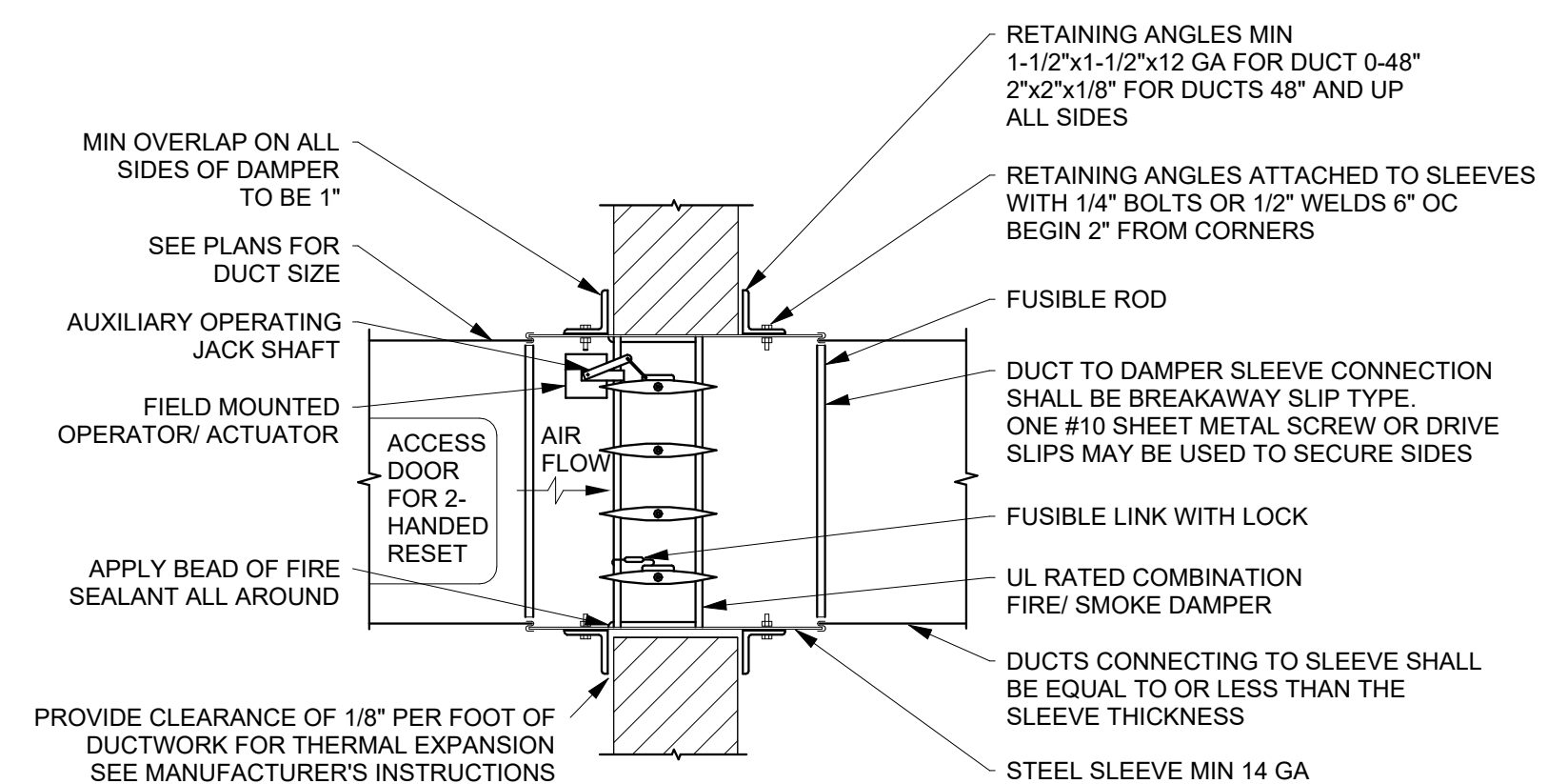
6 VAV BOX PIPING

SCALE: N.T.S.



5 VAV BOX SUPPORT

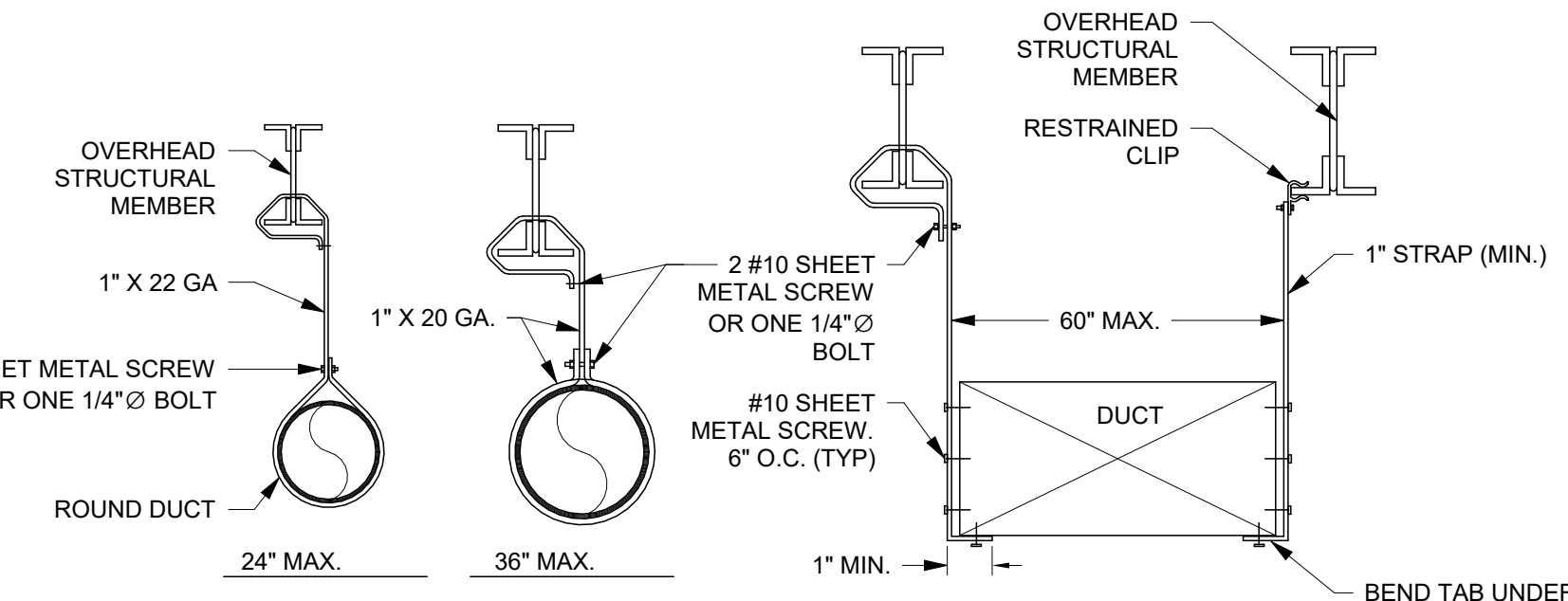
SCALE: N.T.S.



- NOTES:**
- A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION IS SIMILAR. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAUGES FOR SLEEVE AND PERIMETER ANGLES. COMBINATION FIRE/ SMOKE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR AND NOT OUTSIDE THE PENETRATION.
 - COMBINATION FIRE/ SMOKE DAMPERS IN DUCTS WITH AIR VELOCITIES LESS THAN 2,000 FPM SHALL BE LEAKAGE CLASS II (W/ MIN 16 GA FORMED BLADES) AND SHALL BE 1-1/2 HOUR RATED PER UL STANDARDS 555 AND 555S. INSTALL PER UL LISTING.
 - COMBINATION FIRE/ SMOKE DAMPERS IN DUCTS WITH AIR VELOCITIES GREATER THAN 2,000 FPM AND LESS THAN 4,000 FPM SHALL BE LEAKAGE CLASS II W/ AIR FOIL BLADES AND SHALL BE 1-1/2 HOUR RATED PER UL STANDARDS 555 AND 555S. INSTALL PER UL LISTING.
 - USE INSULATED ACCESS PANEL ON INSULATED AIR DUCTS.
 - COMBINATION FIRE/ SMOKE DAMPER SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS. HAVE INSTALLATION INSTRUCTIONS ON SITE FOR AHJ INSPECTIONS.
 - COMBINATION FIRE/ SMOKE DAMPER TESTING AND CERTIFICATION:
 - THE BALANCE AGENCY SHALL PROVIDE INSTRUMENTATION TO CONDUCT THE TESTING OF EACH COMBINATION FIRE/ SMOKE DAMPER AND THE TESTING OF EACH DUCT MOUNTED SMOKE DETECTOR. THE BALANCE AGENCY TO INSTRUCT THE MECHANICAL CONTRACTOR TO MAKE ADJUSTMENTS AND CORRECTIONS AS REQUIRED TO ALLOW EACH DUCT MOUNTED SMOKE DETECTOR TO SIGNAL THE CORRESPONDING COMBINATION FIRE/ SMOKE DAMPER TO PROPERLY CLOSE UPON DETECTION OF SMOKE.
 - THE BALANCE AGENCY TO PROVIDE A WRITTEN CERTIFICATION STATING THAT EACH DUCT MOUNTED SMOKE DETECTOR AND EACH COMBINATION FIRE/ SMOKE DAMPER IS OPERATING PROPERLY AND IS IN COMPLIANCE WITH ALL REGULATING STATE AND CITY CODES.
 - PERFORMANCE OF THE DUCT MOUNTED SMOKE DETECTOR AND COMBINATION FIRE/ SMOKE DAMPER TESTING AS PART OF THE CONTRACT TO BE PAID FOR BY THE MECHANICAL CONTRACTOR.

4 COMBINATION FIRE/ SMOKE DAMPER

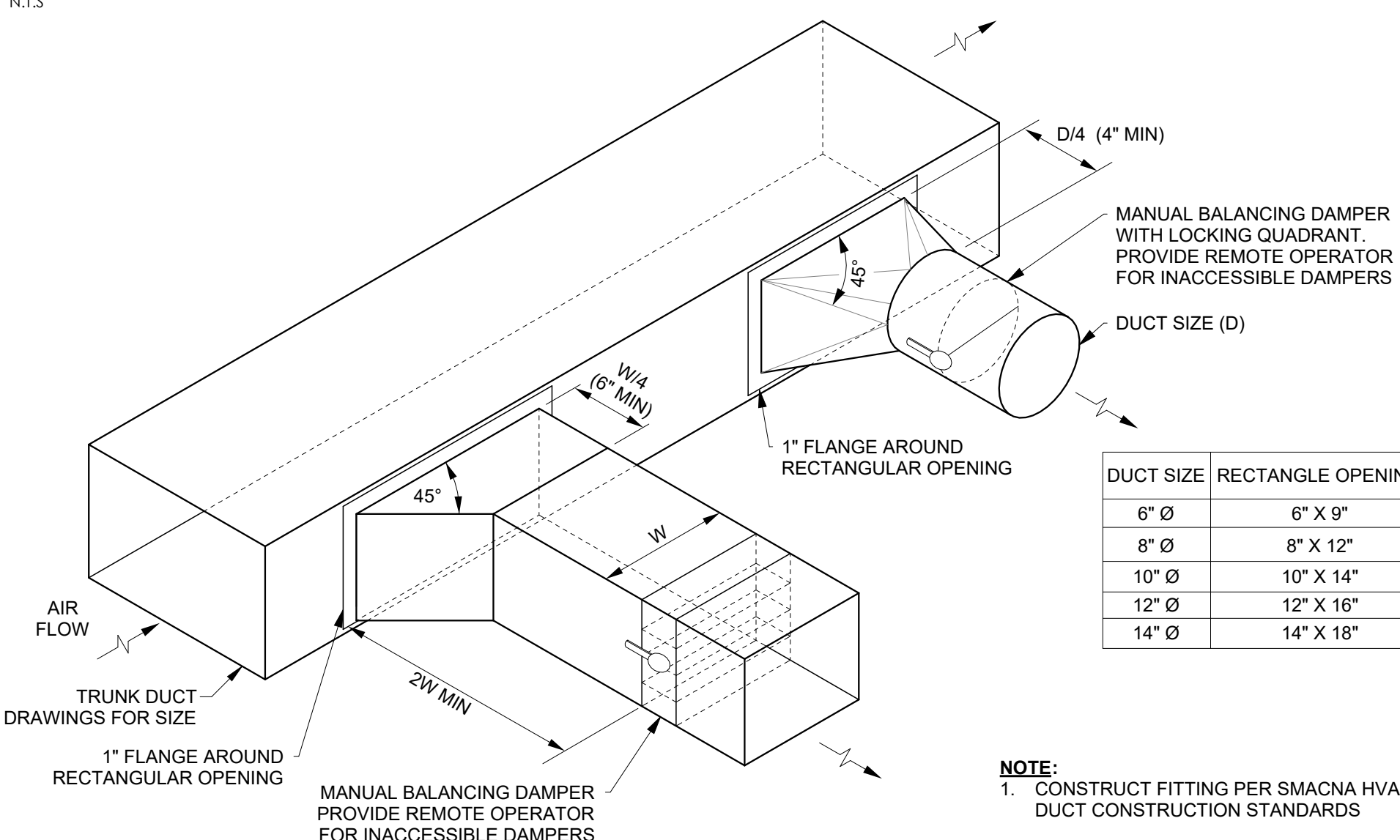
SCALE: N.T.S.



NOTE:
1. USE TRAPEZE HANGER FOR RECTANGULAR DUCT LARGER THAN 60" WIDTH

3 DUCT HANGERS (COMBINED)

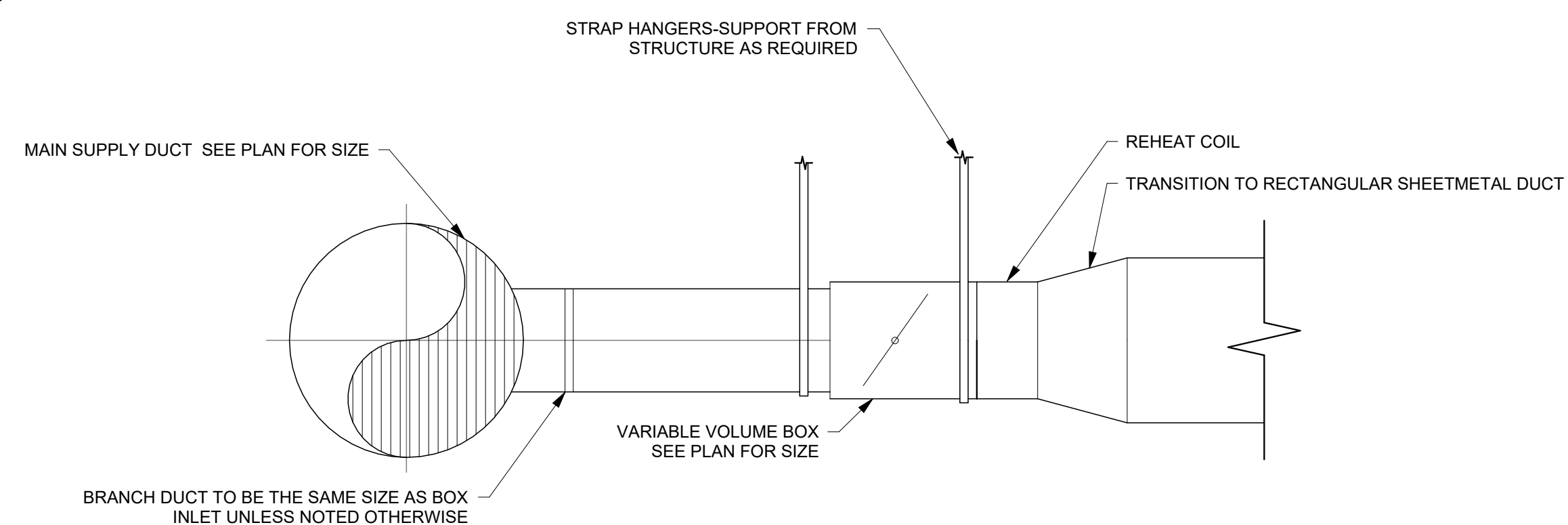
SCALE: N.T.S.



NOTE:
1. CONSTRUCT FITTING PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS

2 DUCT HIGH EFFICIENCY TAKE-OFFS

SCALE: N.T.S.



1 VARIABLE AIR VOLUME BOX

SCALE: N.T.S.

C:\Users\mid\Documents\230669-Mech_Central_monica_downing.rvt
4/10/2024 3:48:02 PM

MECHANICAL GENERAL NOTES

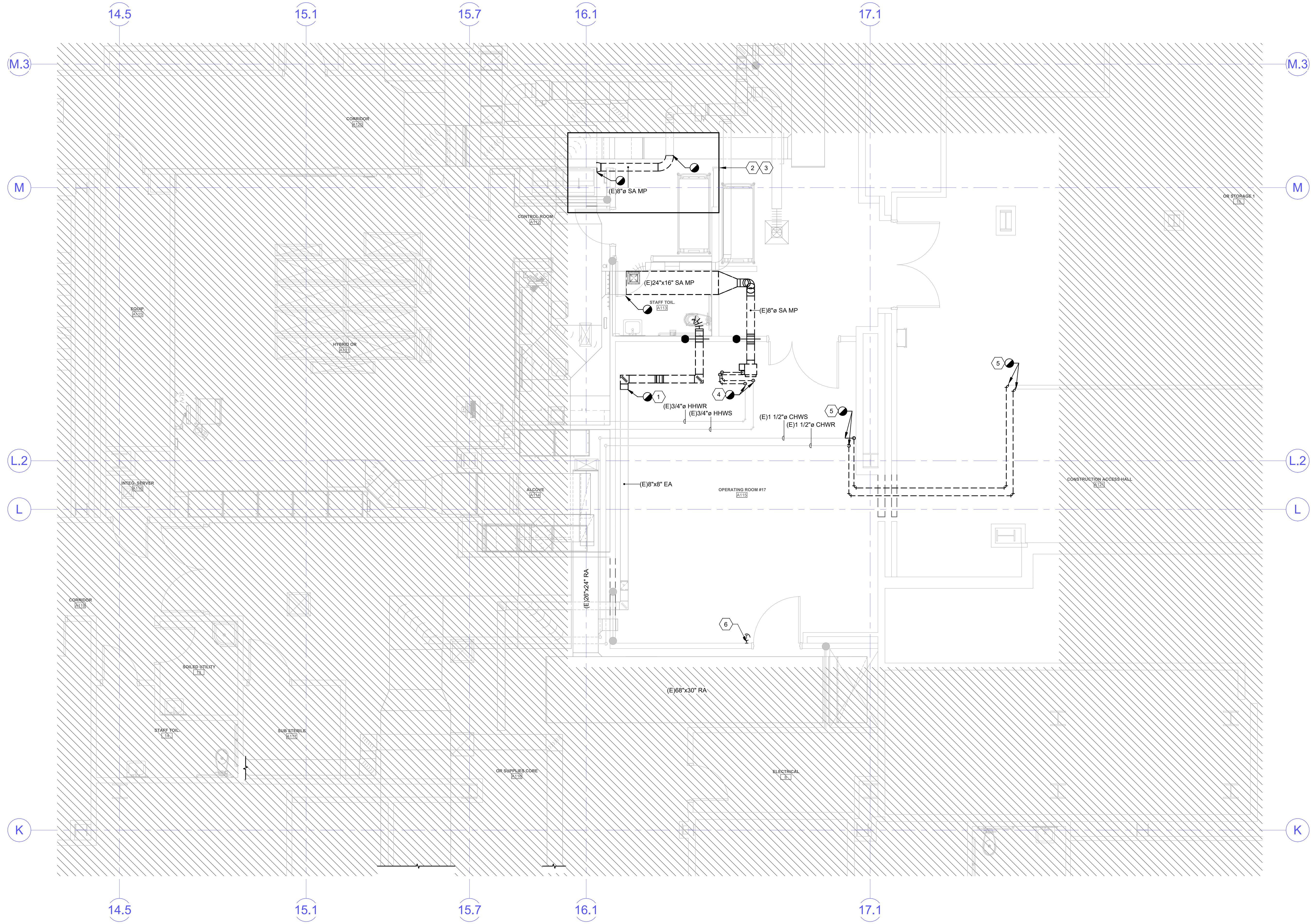
- A. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- B. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
- C. LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- D. ALL TAKE-OFFS THROUGHOUT THE ENTIRE PROJECT SHALL BE HIGH EFFICIENCY TAKE-OFF'S (HETS) NO EXCEPTIONS TAKEN.
- E. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- F. GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION TO GRILLES AS NECESSARY.
- G. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- H. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- I. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- J. WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OF FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPALL BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- K. THIS PROJECT MAY REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- L. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. CONTRACTOR WILL NEED TO PROVIDE PENDANT SPRINKLERS WITHIN THE OPERATING SPACE. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.
- M. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
- N. NEW CONTROLS MUST BE METASYS JOHNSON CONTROLS AND MATCH THE SAME EXISTING HOSPITAL CONTROLS MANUFACTURER. PROVIDE ALL NEW CONTROL VALVES AND ACTUATORS AND TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM. PROVIDE THE SAME SEQUENCE OF OPERATIONS AS OTHER EXISTING OPERATING ROOMS.
- O. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE, ELECTRICAL AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTOR'S COST. ALL CONTROLS WIRING SHALL BE INSTALLED IN RACEWAYS AND BE THE RESPONSIBILITY OF THE CONTROLS CONTRACTOR. RACEWAYS SHALL CONFORM TO THE FOLLOWING ELECTRICAL SPECIFICATIONS: HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS.
- P. WHEN REQUESTED, CONTRACTOR SHALL PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID. FOR REVIEW AND APPROVAL.
- Q. PRESSURE TEST HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER UNLESS THERE IS RISK OF FREEZING. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE EXPANSION TANK(S). SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM DESIGN PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE A WRITTEN REPORT OF TESTING.
- R. PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
- S. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- T. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR RETARDER. INTEGRITY, STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.
- U. TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS. DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS. APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W.E.S.T. INC.
- V. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.
- W. PIPING AND DUCTWORK SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING AND DUCTWORK WITHIN 12" FROM SUPPORTING STRUCTURE.
- X. WHERE JURISDICTION REQUIRES, CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT AND SUPPORT ENGINEERED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
- Y. MECHANICAL PIPING SCHEDULE:
 - a. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER -BRAZED JOINT
- Z. DUCTWORK SHALL BE INSULATED AS FOLLOWS:

DUCT TYPE	WRAPPED/LINED	R-VALUE
HIGH PRESSURE DUCT:	WRAPPED	R-6
ROUND DUCT:	WRAPPED	R-6
LOW PRESSURE RECT. DUCT:	WRAPPED	R-6
ROUND FLEX DUCT (MAX 5'):	WRAPPED	R-6
EXTERIOR DUCT:	WRAPPED	R-12

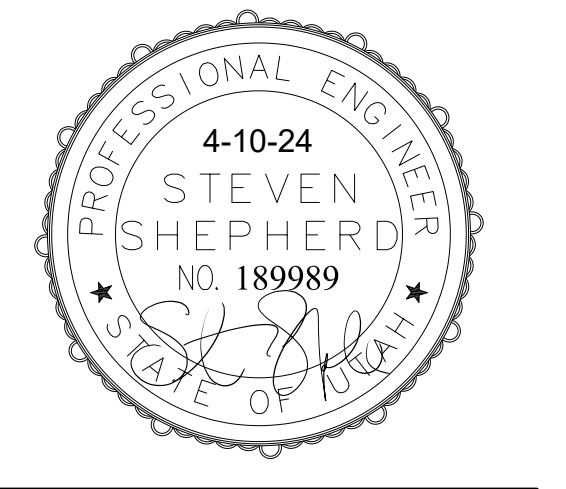
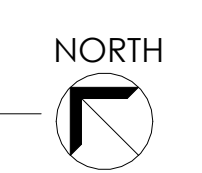
 ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCT BOARD ALLOWED.

SHEET KEYNOTES

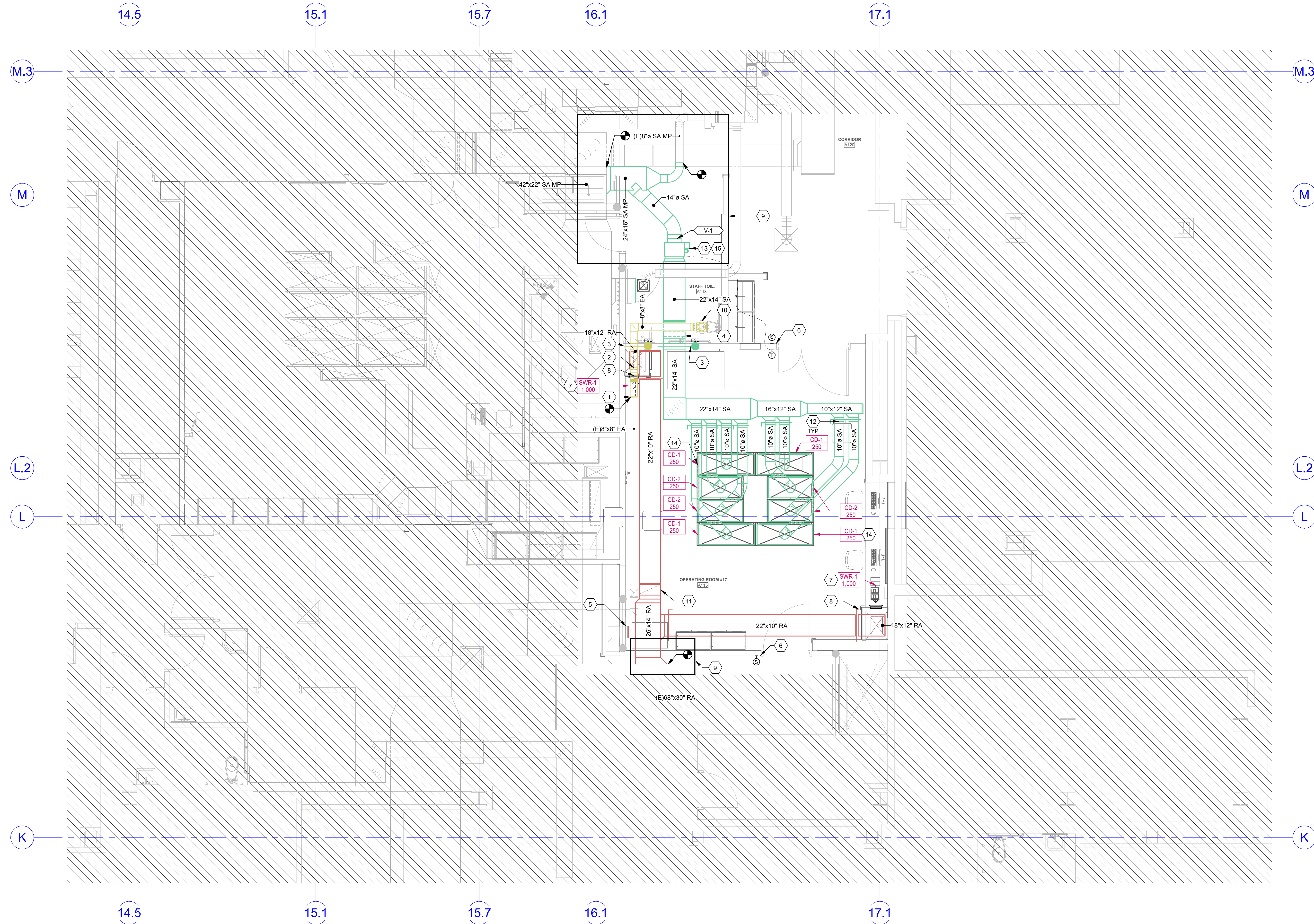
- 1 REMOVE EXHAUST DUCT TO THIS APPROXIMATE LOCATION. REMOVE FIRE SMOKE DAMPER AND PATCH WALL TO MEET WALL RATING.
- 2 WHILE WORKING IN THIS AREA CONTRACTOR MUST LEAVE ACCESS TO CONTROL ROOM FOR HYBRID OR ANY SHUT-DOWNS THAT WILL EFFECT OR#16 OR THE HYBRID-OR MUST BE COORDINATED WITH THE HOSPITAL.
- 3 ALL DUCTWORK SHOWN WITHIN THE ENCLOSED AREA IS TO BE REMOVED IN A SINGLE WEEKEND. CEILING CAVITY IS TO BE INSPECTED PRIOR TO DEMOLITION. ALL MECHANICAL WORK IN THIS AREA IS TO START DURING A FRIDAY EVENING AND COMPLETED NO LATER THAN SUNDAY EVENING. COORDINATE SHUTDOWN TIME WITH HOSPITAL.
- 4 REMOVE MECHANICAL HOT WATER PIPING TO POINT INDICATED.
- 5 REMOVE CHILLED WATER PIPING TO POINT INDICATED. ALL CHILLED WATER IS TO BE REMOVED AND REPLACED IN A SINGLE WEEKEND. COORDINATE SHUTDOWN TIME WITH HOSPITAL.
- 6 REMOVE AND SALVAGE EXISTING THERMOSTAT. SEE SHEET M122 FOR RELOCATED LOCATION.



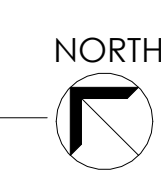
1 LEVEL 2 MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



C:\Users\mid\Documents\230669-Mech-Central_monica_downing.rvt
4/10/2024 3:48:05 PM



1 LEVEL 2 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



MECHANICAL GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- B. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
- C. LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- D. ALL TAKE-OFFS THROUGHOUT THE ENTIRE PROJECT SHALL BE HIGH EFFICIENCY TAKE-OFF'S (HETS) NO EXCEPTIONS TAKEN.
- E. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- F. GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION TO GRILLES AS NECESSARY.
- G. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- H. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- I. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- J. WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OF FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPALLS BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- K. THIS PROJECT MAY REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- L. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. CONTRACTOR WILL NEED TO PROVIDE PENDANT SPRINKLERS WITHIN THE OPERATING SPACE. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION. PROVIDE HYDRAULIC CALCULATIONS IF APPLICABLE.
- M. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
- N. NEW CONTROLS MUST BE METASYS JOHNSON CONTROLS AND MATCH THE SAME EXISTING HOSPITAL CONTROLS MANUFACTURER. PROVIDE ALL NEW CONTROL VALVES AND ACTUATORS AND TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM. PROVIDE THE SAME SEQUENCE OF OPERATIONS AS OTHER EXISTING OPERATING ROOMS.
- O. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE, ELECTRICAL AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTOR'S COST. ALL CONTROLS WIRING SHALL BE INSTALLED IN RACEWAYS AND BE THE RESPONSIBILITY OF THE CONTRACTOR. RACEWAYS SHALL CONFORM TO THE FOLLOWING ELECTRICAL SPECIFICATIONS: HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS AND SENSING CONTROLS FOR ELECTRICAL SYSTEMS.
- P. WHEN REQUESTED, CONTRACTOR SHALL PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID. FOR REVIEW AND APPROVAL.
- Q. PRESSURE TEST HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER UNLESS THERE IS RISK OF FREEZING. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE EXPANSION TANK(S). SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM'S WORKING PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE A TWITEN REPORT OF TESTING.
- R. PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
- S. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- T. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.
- U. TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS. DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE THE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS. APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W.E.S.T. INC.
- V. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.
- W. PIPING AND DUCTWORK SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING AND DUCTWORK WITHIN 12" FROM SUPPORTING STRUCTURE.
- X. WHERE JURISDICTION REQUIRES, CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT AND SUPPORT ENGINEERED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
- Y. MECHANICAL PIPING SCHEDULE:
 - a. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER -BRAZED JOINT
- Z. DUCTWORK SHALL BE INSULATED AS FOLLOWS:

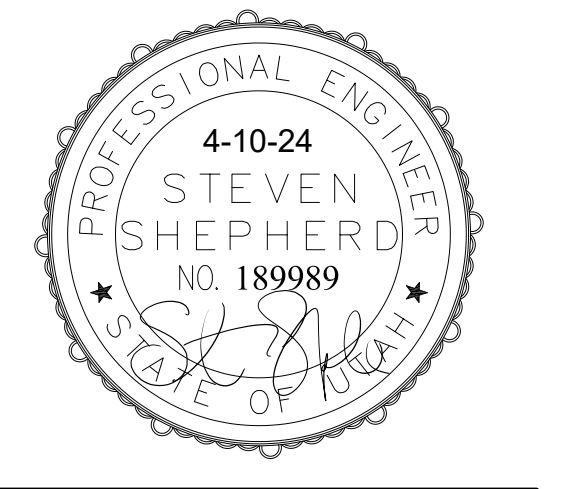
DUCT TYPE	WRAPPED/LINED	R-VALUE
HIGH PRESSURE DUCT:	WRAPPED	R-6
ROUND DUCT:	WRAPPED	R-6
LOW PRESSURE RECT. DUCT:	WRAPPED	R-6
ROUND FLEX DUCT (MAX 5'):	WRAPPED	R-6
EXTERIOR DUCT:	WRAPPED	R-12

 ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCT BOARD ALLOWED.

SHEET KEYNOTES

- 1. CONNECT TO EXISTING EXHAUST DUCT IN THIS APPROXIMATE LOCATION AS POSSIBLE.
- 2. DUCT RISES IN THIS LOCATION. INSTALL DUCT AS CLOSE TO STRUCTURE AS POSSIBLE.
- 3. PROVIDE AND INSTALL NEW FIRE/SMOKE DAMPER.
- 4. DROP SUPPLY DUCT BELOW BEAM. INSTALL DUCT AS CLOSE TO STRUCTURE AS POSSIBLE.
- 5. CAP AND SEAL EXISTING RETURN AIR DUCT. SEAL MUST BE AIR TIGHT.
- 6. PRESSURE DIFFERENTIAL MONITOR. CONTRACTOR IS TO MATCH EXISTING CONTROLS. BASIS OF DESIGN FOR DIFFERENTIAL PRESSURE MONITOR IS TRIATEK.
- 7. LOW WALL RETURN AIR GRILLE IS TO BE PLACED 8" AFF.
- 8. ATC DAMPER
- 9. ALL DUCTWORK SHOWN WITHIN THE ENCLOSED AREA IS TO BE INSTALLED IN A SINGLE WEEKEND. EXISTING DUCTWORK IN AREA IS TO BE REMOVED AS SHOWN ON SHEET M-121. CEILING CAVITY IS TO BE INSPECTED PRIOR TO DUCT INSTALLATION INSIDE OF BOUNDARY. ALL MECHANICAL WORK IN AREA IS TO START DURING A FRIDAY EVENING AND BE COMPLETED NO LATER THAN SUNDAY EVENING. COORDINATE SHUTDOWN WITH HOSPITAL PRIOR TO CONSTRUCTION.
- 10. CONNECT TO EXISTING EXHAUST GRILLE.
- 11. TRANSITION DUCT BELOW STRUCTURAL BEAM IN THIS APPROXIMATE LOCATION.
- 12. COORDINATE DUCTWORK WITH STRUCTURAL. STEEL KICKERS FROM BASE OF OPERATING BOOMS PRIOR TO FABRICATING DUCTWORK.
- 13. EQUIPMENT TAG DOES NOT REFLECT NAME FOR BMS. CONTROLS CONTRACTOR TO PROVIDE SEQUENTIAL NAMING CONVENTION THAT CORRESPONDS WITH EXISTING VAV NOMENCLATURE.
- 14. PROVIDE BATTERY BACK-UP FOR LED DIFFUSER. COORDINATE WITH ELECTRICAL DRAWINGS.
- 15. NEW CONTROLS MUST BE METASYS JOHNSON CONTROLS AND MATCH THE SAME EXISTING HOSPITAL CONTROLS MANUFACTURER. PROVIDE ALL NEW CONTROL VALVES AND ACTUATORS AND TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM. PROVIDE THE SAME SEQUENCE OF OPERATIONS AS OTHER EXISTING OPERATING ROOMS.

NJRA ARCHITECTS
NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.384.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-476-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17
 100 Mario Capecchi Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 10, 2024

MECHANICAL PLAN LEVEL 2

M122

C:\Users\mid\Documents\230669-Mech_Central_monica_downing.rvt
4/10/2024 3:48:06 PM

MECHANICAL GENERAL NOTES

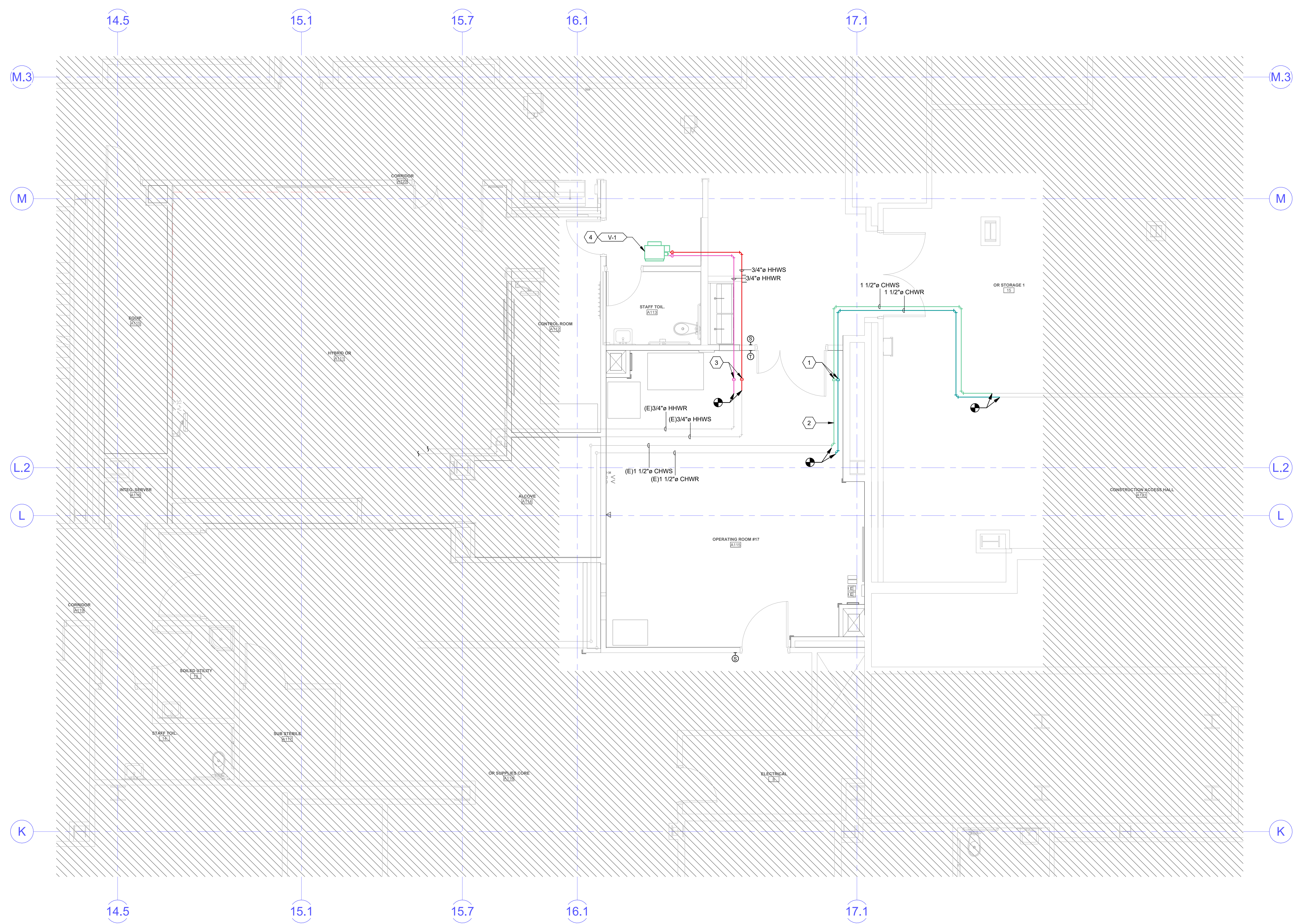
- A. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- B. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
- C. LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- D. ALL TAKE-OFFS THROUGHOUT THE ENTIRE PROJECT SHALL BE HIGH EFFICIENCY TAKE-OFF'S (HETS) NO EXCEPTIONS TAKEN.
- E. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- F. GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION TO GRILLES AS NECESSARY.
- G. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- H. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- I. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- J. WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OF FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SHALL BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- K. THIS PROJECT MAY REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- L. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. CONTRACTOR WILL NEED TO PROVIDE PENDANT SPARKERS WITHIN THE OPERATING SPACE. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.
- M. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
- N. NEW CONTROLS MUST BE METASYS JOHNSON CONTROLS AND MATCH THE SAME EXISTING HOSPITAL CONTROLS MANUFACTURER. PROVIDE ALL NEW CONTROL VALVES AND ACTUATORS AND TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM. PROVIDE THE SAME SEQUENCE OF OPERATIONS AS OTHER EXISTING OPERATING ROOMS.
- O. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE, ELECTRICAL AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTOR'S COST. ALL CONTROLS WIRING SHALL BE INSTALLED IN RACEWAYS AND BE THE RESPONSIBILITY OF THE CONTROLS CONTRACTOR. RACEWAYS SHALL CONFORM TO THE FOLLOWING ELECTRICAL SPECIFICATIONS: HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS. WHEN REQUESTED, CONTRACTOR SHALL PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID. FOR REVIEW AND APPROVAL.
- P. PRESSURE TEST HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER UNLESS THERE IS RISK OF FREEZING. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE EXPANSION TANKS. SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM WORKING PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE WRITTEN REPORT OF TESTING.
- R. PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
- S. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- T. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.
- U. TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS. DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS. APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W.E.S.T. INC.
- V. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.
- W. PIPING AND DUCTWORK SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING AND DUCTWORK WITHIN 12" FROM SUPPORTING STRUCTURE.
- X. WHERE JURISDICTION REQUIRES, CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT AND SUPPORT ENGINEERED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
- Y. MECHANICAL PIPING SCHEDULE:
 - a. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER -BRAZED JOINT
- Z. DUCTWORK SHALL BE INSULATED AS FOLLOWS:

DUCT TYPE	WRAPPED/LINED	R-VALUE
HIGH PRESSURE DUCT:	WRAPPED	R-6
ROUND DUCT:	WRAPPED	R-6
LOW PRESSURE RECT. DUCT:	WRAPPED	R-6
ROUND FLEX DUCT (MAX 5'):	WRAPPED	R-6
EXTERIOR DUCT:	WRAPPED	R-12

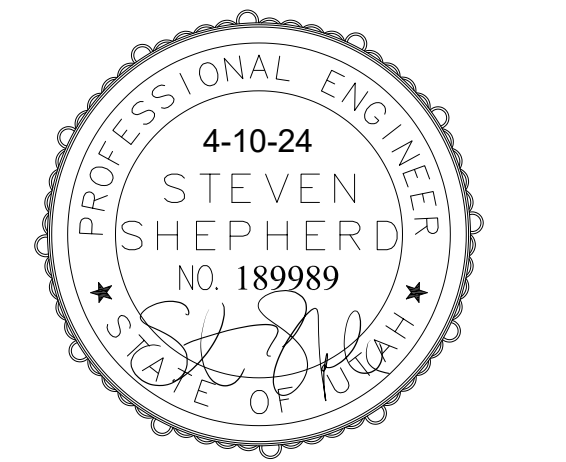
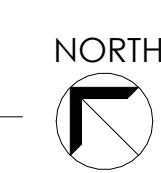
ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCT BOARD ALLOWED

SHEET KEYNOTES

- 1 DROP CHILLED WATER PIPING BELOW BEAM IN THIS APPROXIMATE LOCATION. PIPING IS TO BE INSTALLED TIGHT TO STRUCTURE.
- 2 ALL CHILLED WATER PIPING IS TO BE INSTALLED IN A SINGLE WEEKEND. REMOVE EXISTING PIPING AS SHOWN ON SHEET M121. COORDINATE ANY SHUTDOWNS WITH HOSPITAL PRIOR TO CONSTRUCTION.
- 3 DROP HEATING HOT WATER PIPING BELOW BEAM IN THIS APPROXIMATE LOCATION. PIPING IS TO BE INSTALLED TIGHT TO STRUCTURE.
- 4 EQUIPMENT TAG DOES NOT REFLECT NAME FOR BMS. CONTROLS CONTRACTOR TO PROVIDE SEQUENTIAL NAMING CONVENTION THAT CORRESPONDS WITH EXISTING VAV NOMENCLATURE.



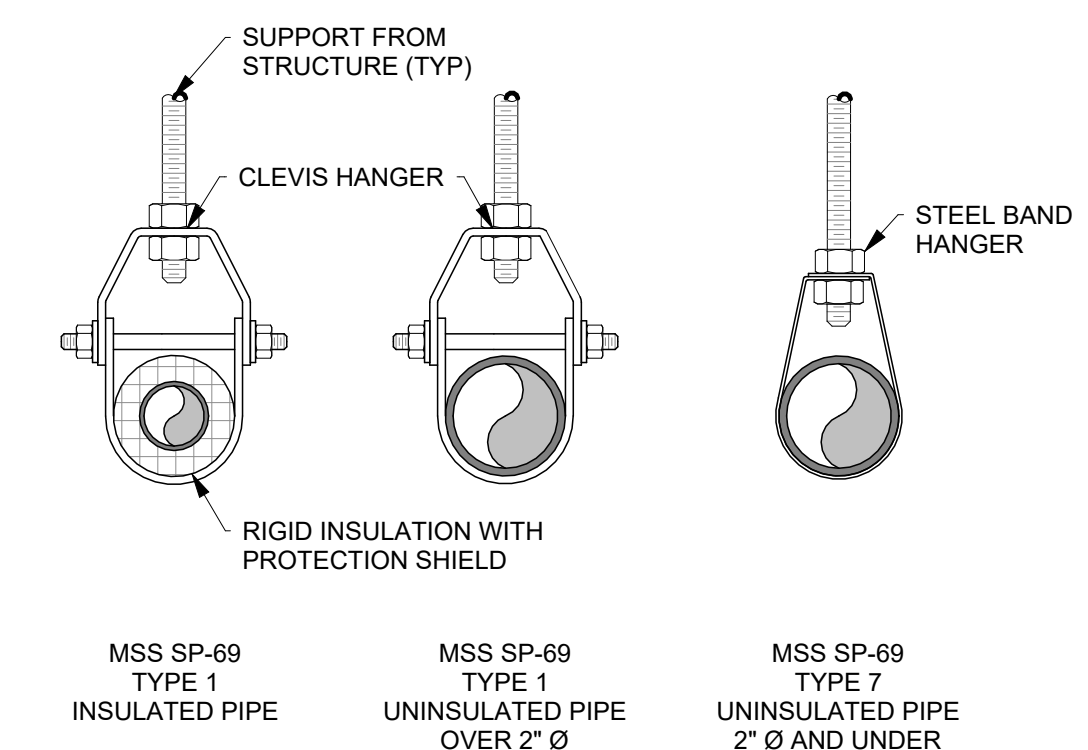
1 LEVEL 2 MECHANICAL PIPING
SCALE: 1/4" = 1'-0"



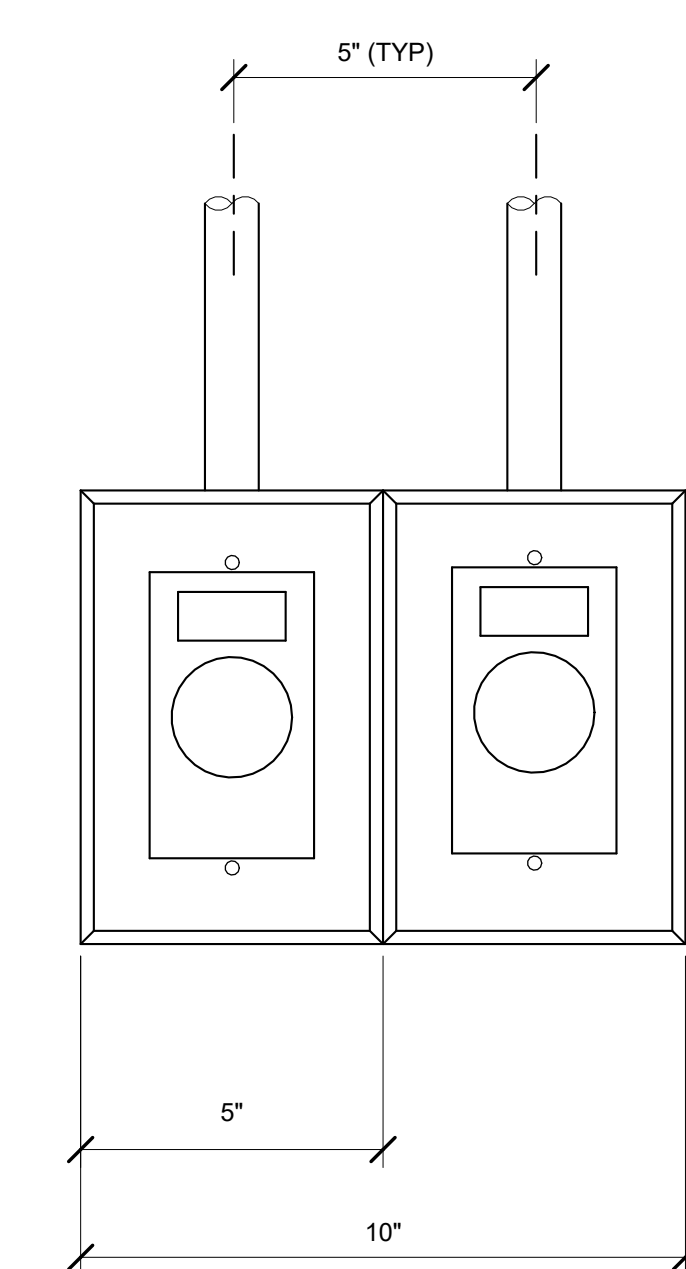


PLUMBING FIXTURE SCHEDULE								
REFER TO PLUMBING SPECIFICATIONS FOR COMPLETE FIXTURE COMPONENTS								
LABEL	DESCRIPTION	WASTE	VENT	CW	HW	MANUFACTURER	MODEL	REMARKS
S-1	TWO STATION SCRUB STATION	1 1/2"	1 1/2"	1/2"	1/2"	FIXTURE: STERIS TMV: EXISTING	FIXTURE: AMSCO FLEXIMATIC SCRUB STATION - TWO STATIONS TMV: EXISTING	SET TMV AT 110 DEG. F. CONTRACTOR TO COORDINATE FINAL OPTIONS AND ACCESSORIES WITH OWNER PRIOR TO PURCHASING FIXTURE. FIXTURE SHOULD MATCH EXISTING HOSPITAL SCRUB SINKS.

MEDICAL GAS OUTLET SCHEDULE					
ACCEPTABLE MANUFACTURERS:			REMARKS:		
AMICO BEACONMEDAES OHIO MEDICAL			(1) MED GAS OUTLETS TO BE INSTALLED WITHIN HEADWALL SYSTEM. COORDINATE INSTALLATION WITH HEADWALL SUPPLIER. (2) QUICK CONNECT WALL OUTLET WITH GEOMETRIC QUICK CONNECT ADAPTER. (3) UL LISTED. (4) DIE CAST FACE PLATE. (5) PROVIDE WITH 1" WALL THICKNESS ADJUSTMENT.		
LABEL	PIPE SIZE (IN)	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
V	3/4"	LATCH INDEX WALL OUTLET	BeaconMedaes	SERIES BICHEM QC	ALL



2 PIPE HANGERS DETAIL
SCALE: N13



1 MEDICAL GAS OUTLET ROUGH-IN
SCALE: N15

Intermountain Healthcare
Primary Children's Hospital
OR 17

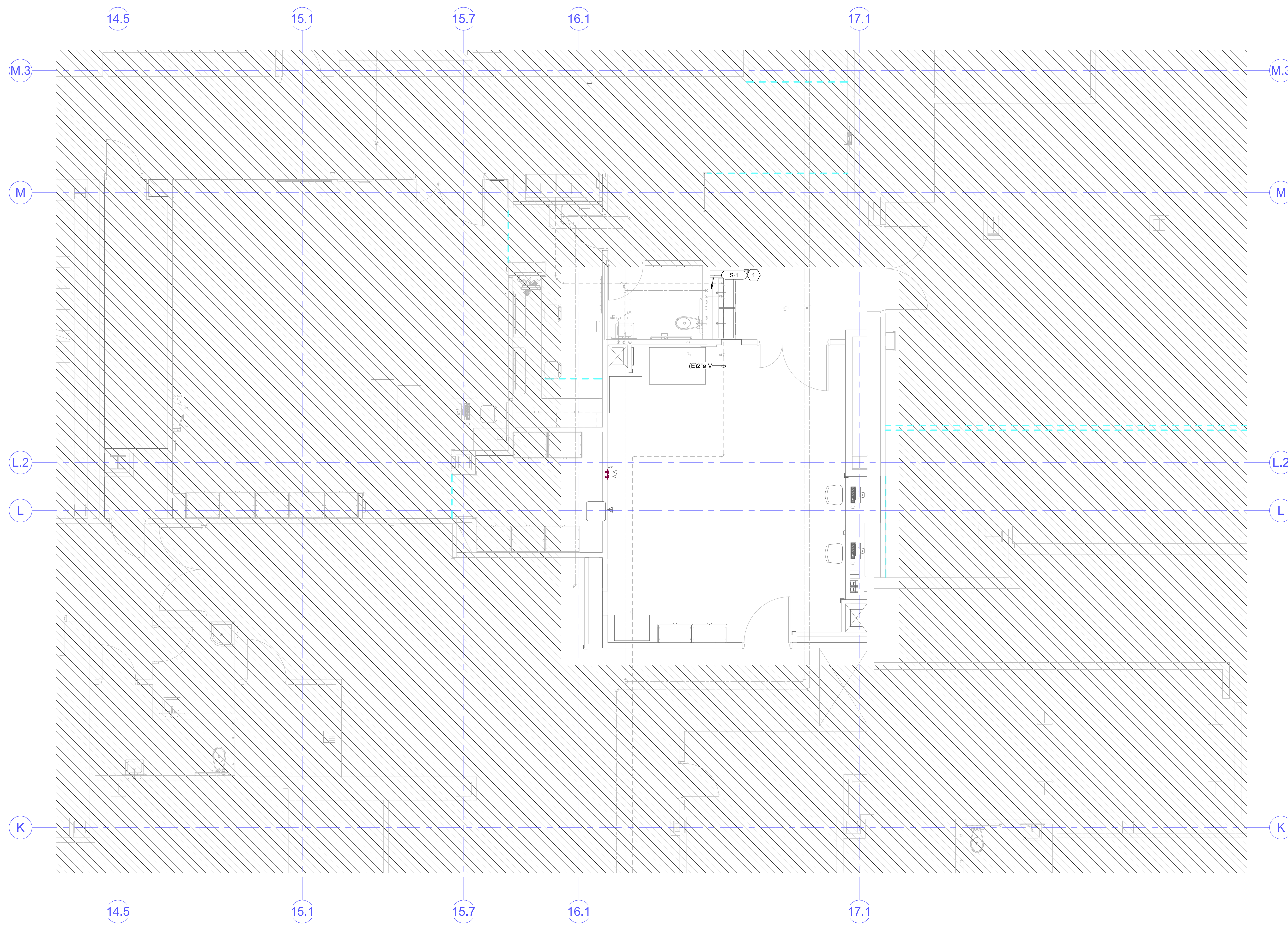
100 Merivale Canyon Dr.
 Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 10, 2024

**PLUMBING
DETAILS AND
SCHEDULES**

P601

C:\Users\mid\Documents\230669-Mech_Central_monica_downing.rvt
4/10/2024 3:56:46 PM



PLUMBING GENERAL NOTES

- A. ALL DOMESTIC WATER PIPING TO BE COPPER. ALL HOT WATER AND HOT WATER RECIRCULATING PIPING TO BE INSULATED WITH 1" UP TO 1-1/4" PIPE AND 1-1/2" INSULATION FOR PIPING 1-1/2" AND LARGER. DOMESTIC COLD-WATER PIPING TO BE INSULATED WITH 1/2" UP TO 1-1/4" PIPING AND 1" INSULATION FOR PIPING 1-1/2" OR LARGER.
- B. THE CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
- C. DISSIMILAR METAL PIPING CONNECTIONS SHALL HAVE DIELECTRIC ISOLATORS.
- D. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. SEE SPECIFICATIONS.
- E. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. PRESSURE TEST, CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 120 PSIG FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. PROVIDE RESULTS IN WRITTEN REPORT TO ENGINEER UPON COMPLETION. CLEAN AND DISINFECT: FLUSH PIPING SYSTEM. FILL SYSTEM WITH WATER/CHLORINE SOLUTION WITH AT LEAST 50 PPM OF CHLORINE FOR 24 HOURS. THOROUGHLY FLUSH SYSTEM. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. PROVIDE REPORT TO ENGINEER STATING PROCEDURE FOLLOWED AND SIGNATURES OF GC AND THAT OF PERSONS PERFORMING PROCEDURE.
- F. BALL VALVES SHALL BE FULL PORT AND LEAD FREE. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- G. ALL PLUMBING PIPING TO BE LOCATED ON WARM SIDE OF BUILDING ENVELOPE. ALL ROOF DRAIN PIPING (PRIMARY AND SECONDARY) TO BE LOCATED IN BUILDING ENVELOPE AND TO BE FULLY INSULATED, INCLUDING ANY ROOF DRAIN BOWLS.
- H. ALL SANITARY WASTE AND STORM WATER PIPING EXPOSED TO FREEZING CONDITIONS TO BE INSULATED WITH 1" THICK MINERAL FIBER INSULATION AND 20 MIL PVC JACKET. LABEL ALL EXPOSED PIPING WITH SYSTEM TYPE.
- I. WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WM 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING WHERE FLUSH VALVES OR QUICK CLOSING VALVES ARE USED.
- J. ALL DOMESTIC WASTE AND VENT PIPING TO BE CAST IRON INSULATED TO MEET FLAME SPREAD AND SMOKE DEVELOPED INDEX.
- K. THIS PROJECT WILL REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- L. THE CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- M. TEST WASTE AND VENT PIPING FOR LEAKAGE. SEE SPECIFICATIONS.
- N. PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING WITHIN 12" FROM SUPPORTING STRUCTURE.
- O. WHERE JURISDICTION REQUIRES, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
- P. ALL PIPING THROUGH A FOUNDATION WALL OR UNDER A FOOTING TO BE PROVIDED WITH PIPE SLEEVE 2 PIPE SIZES LARGER THAN PIPE PASSING THROUGH WALL OR UNDER FOOTING. SEAL WITH CAULK OR FOAM. PIPE SLEEVE UNDER FOOTING TO BE A MINIMUM OF 2' BELOW FOOTING. PIPE TO BE IRON AND EXTEND BEYOND THE WIDTH OF THE FOOTING AT A 45 DEGREE ON BOTH SIDES OF FOOTING.
- Q. PLUMBING PIPING SCHEDULE
 - a. DOMESTIC WATER ABOVE GRADE= TYPE L COPPER - SOLDERED
 - b. DOMESTIC WATER BELOW GRADE= TYPE K COPPER - SOLDERED
 - c. ROOF DRAIN, WASTE & VENT ABOVE GRADE= CAST IRON - HUBLESS COUPLINGS WITH HEAVY DUTY COUPLINGS

SHEET KEYNOTES

- 1 PIPING AND PIPING ACCESSORIES ARE EXISTING. SANITARY SEWER, HOT AND COLD WATER, THERMOSTATIC MIXING VALVE, FIXTURE CARRIER ARE EXISTING. CONTRACTOR TO PROVIDE PLUMBING FIXTURE AND EXTEND DOMESTIC WATER, WASTE, AND VENT PIPING AS NECESSARY. MATCH EXISTING PIPING MATERIALS TO MAKE EXTENSION AND FINAL CONNECTION.

1 PLUMBING PLAN - LEVEL 2
SCALE: 1/4" = 1'-0"



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.384.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-676-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

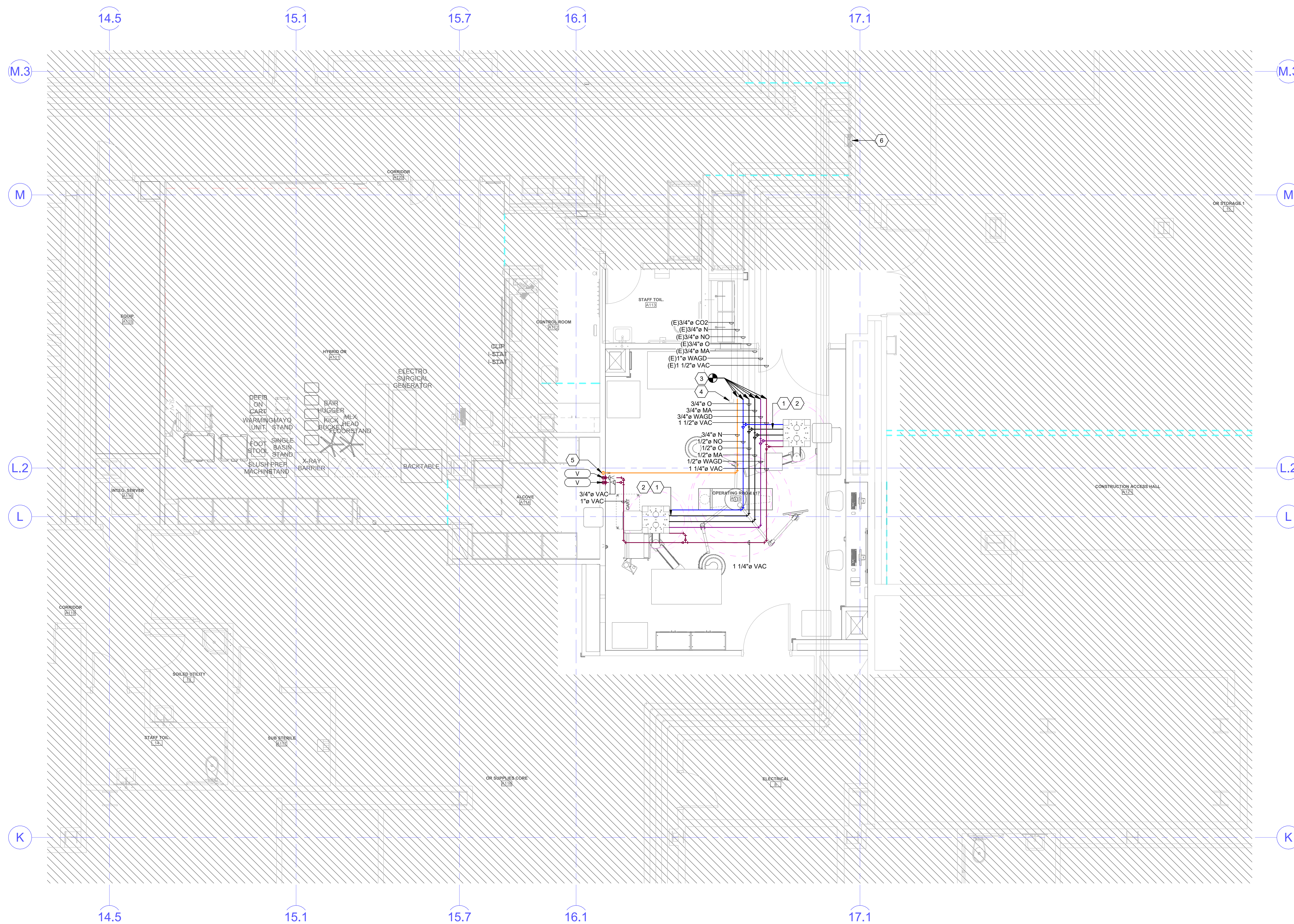
100 Merino Capatchi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 10, 2024

PLUMBING PLAN - LEVEL 2

P122

C:\Users\mid\Documents\230669-Mech_Central_monica_downing.rvt
4/10/2024 3:48:11 PM



PLUMBING GENERAL NOTES

- A. ALL DOMESTIC WATER PIPING TO BE COPPER. ALL HOT WATER AND HOT WATER RECIRCULATING PIPING TO BE INSULATED WITH 1" UP TO 1-1/4" PIPE AND 1-1/2" INSULATION FOR PIPING 1-1/2" AND LARGER. DOMESTIC COLD-WATER PIPING TO BE INSULATED WITH 1/2" UP TO 1-1/4" PIPING AND 1" INSULATION FOR PIPING 1-1/2" OR LARGER.
- B. THE CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
- C. DISSIMILAR METAL PIPING CONNECTIONS SHALL HAVE DIELECTRIC ISOLATORS.
- D. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. SEE SPECIFICATIONS.
- E. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. PRESSURE TEST, CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 120 PSIG FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. PROVIDE RESULTS IN WRITTEN REPORT TO ENGINEER UPON COMPLETION. CLEAN AND DISINFECT. FLUSH PIPING SYSTEM. FILL SYSTEM WITH WATER-CHLORINE SOLUTION WITH AT LEAST 50 PPM OF CHLORINE FOR 24 HOURS. THOROUGHLY FLUSH SYSTEM. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. PROVIDE REPORT TO ENGINEER STATING PROCEDURE FOLLOWED AND SIGNATURES OF GC AND THAT OF PERSONS PERFORMING PROCEDURE.
- F. BALL VALVES SHALL BE FULL PORT AND LEAD FREE. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- G. ALL PLUMBING PIPING TO BE LOCATED ON WARM SIDE OF BUILDING ENVELOPE. ALL ROOF DRAIN PIPING (PRIMARY AND SECONDARY) TO BE LOCATED IN BUILDING ENVELOPE AND TO BE FULLY INSULATED, INCLUDING ANY ROOF DRAIN BOWLS.
- H. ALL SANITARY WASTE AND STORM WATER PIPING EXPOSED TO FREEZING CONDITIONS TO BE INSULATED WITH 1" THICK MINERAL FIBER INSULATION AND 20 MIL PVC JACKET. LABEL ALL EXPOSED PIPING WITH SYSTEM TYPE.
- I. WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PD1WH 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING WHERE FLUSH VALVES OR QUICK CLOSING VALVES ARE USED.
- J. ALL DOMESTIC WASTE AND VENT PIPING TO BE CAST IRON INSULATED TO MEET FLAME SPREAD AND SMOKE DEVELOPED INDEX.
- K. THIS PROJECT WILL REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- L. THE CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- M. TEST WASTE AND VENT PIPING FOR LEAKAGE. SEE SPECIFICATIONS.
- N. PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING WITHIN 12" FROM SUPPORTING STRUCTURE.
- O. WHERE JURISDICTION REQUIRES, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
- P. ALL PIPING THROUGH A FOUNDATION WALL OR UNDER A FOOTING TO BE PROVIDED WITH PIPE SLEEVE 2 PIPE SIZES LARGER THAN PIPE PASSING THROUGH WALL OR UNDER FOOTING. SEAL WITH CAULK OR FOAM. PIPE SLEEVE UNDER FOOTING TO BE A MINIMUM OF 2' BELOW FOOTING. PIPE TO BE IRON AND EXTEND BEYOND THE WIDTH OF THE FOOTING AT A 45 DEGREE ON BOTH SIDES OF FOOTING.
- Q. PLUMBING PIPING SCHEDULE
 - a. DOMESTIC WATER ABOVE GRADE= TYPE L COPPER - SOLDERED
 - b. DOMESTIC WATER BELOW GRADE= TYPE K COPPER - SOLDERED
 - c. ROOF DRAIN, WASTE & VENT ABOVE GRADE= CAST IRON - HUBLESS COUPLINGS WITH HEAVY DUTY COUPLINGS

SHEET KEYNOTES

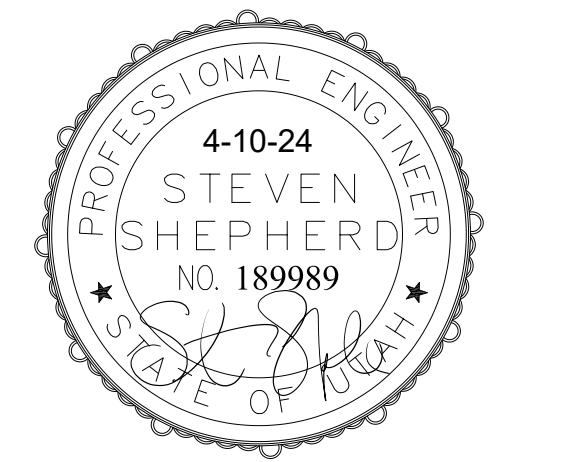
- 1 ANESTHESIA BOOM:
 - (1) AIR
 - (2) OXYGEN
 - (3) VAC
 - (4) WAGD
 - (5) NITROUS OXIDE
- 2 PROVIDE TEES AND ELBOWS AS NECESSARY IN ORDER TO CONNECT TO ALL BOOM MOUNTED MEDICAL GAS OUTLETS. SEE BOOM DRAWINGS.
- 3 CONNECT TO EXISTING MEDICAL GAS PIPING. COORDINATE ROUTING WITH MECHANICAL DUCTS, STRUCTURAL BEAM AND CEILING.
- 4 CO2 IS UNUSED AND IS TO REMAIN CAPPED.
- 5 PROVIDE AND INSTALL NITROGEN REGULATING PANEL. PANEL IS TO INCLUDE DISS NITROGEN OUTLET.
- 6 EXISTING ZONE VALVE BOXES SERVING OR 17 TO REMAIN.

1 PLUMBING PLAN - MED GAS LEVEL 2

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



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.384.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merivale Canyon Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 10, 2024

PLUMBING
PLAN - MED
GAS LEVEL 2

P123

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	FORESSEER
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
	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/WALL; HUNG PHONE MOUNTING STUDS, ONE POSITION W/ CATEGORY 6A INSERT	SIEMON MX-WP-Z6AS-SS
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION (C=CEILING MOUNTED BOX)	SIEMON MX-SM22-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
[SPPT]	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
	TRIPLE-TREE J-HOOKS	CADDY CAT64HPSWMS

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

GENERAL PROJECT NOTES

- 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.
- 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.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
- 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.
- IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
- GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- 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.
- PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
- GROUND 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.
- COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
- 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.
- CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS, (3) SLEEVES PER ROOM FOR CABLE CAPACITY AND SERVICE SEPARATION, FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
- 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.
- 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.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



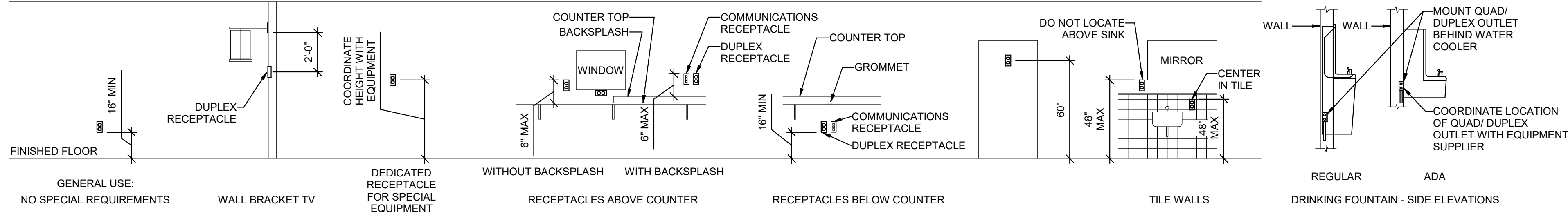
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

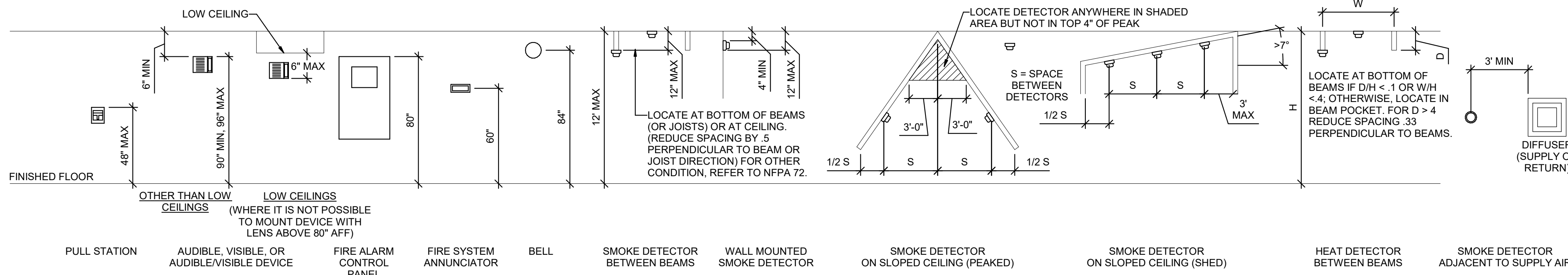
NJRA Project # 23248.00
Construction Documents April 12, 2024

TELECOM
SCHEDULES
AND NOTES

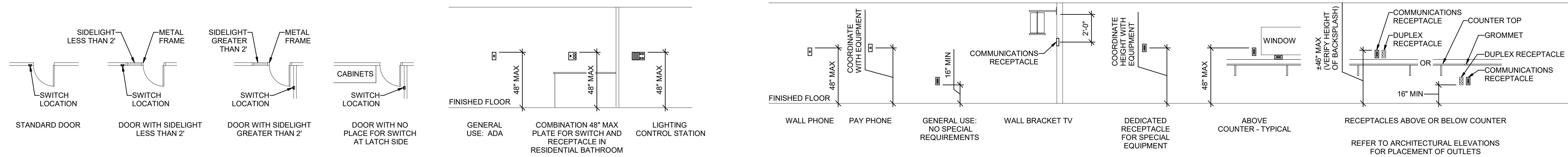
EE002



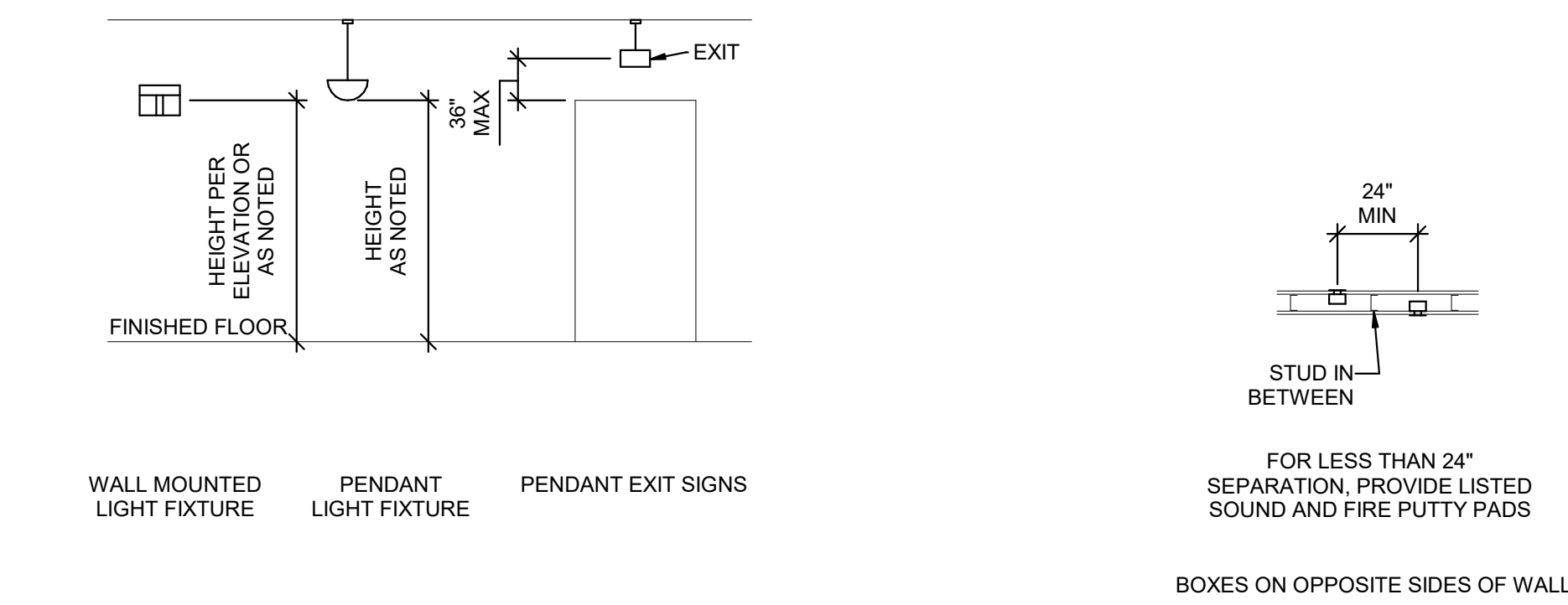
E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



D2 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



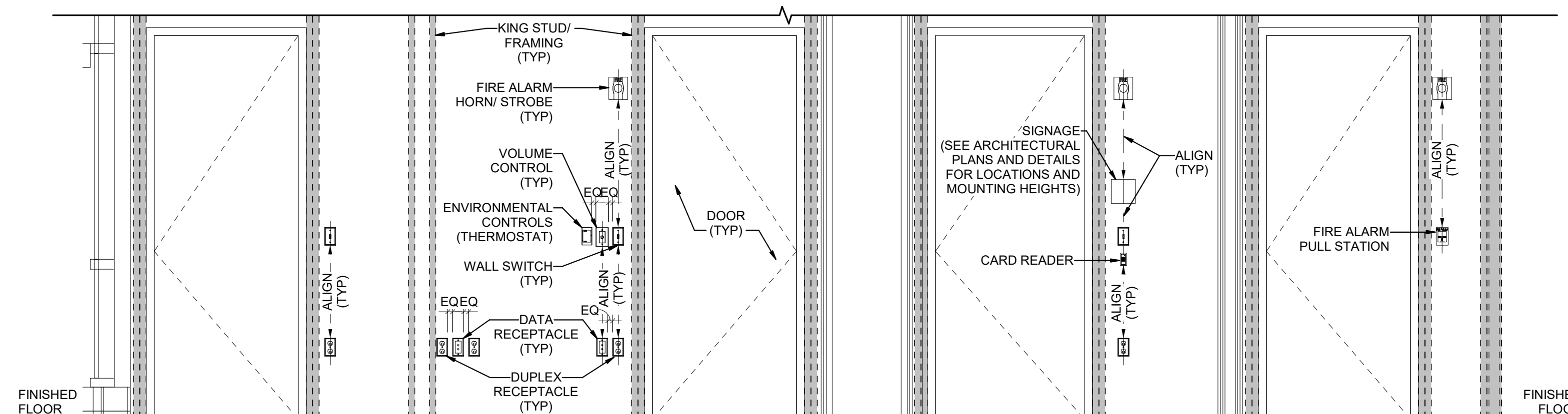
C2 SWITCH MOUNTING DETAILS
SCALE: NTS



B2 LIGHTING MOUNTING DETAILS
SCALE: NTS

B3 BOX MOUNTING DETAILS
SCALE: NTS

C4 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



B4 TYPICAL WALL MOUNTED DEVICES ALIGNMENT 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.

NJRA ARCHITECTS

NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123 801.364.9259
www.njraarchitects.com

PROFESSIONAL ENGINEER
No. 11783731-2202
JASON R. WORTHEN
STATE OF UTAH
4/12/2024

SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capecchi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 12, 2024

TYPICAL
MOUNTING
DETAILS

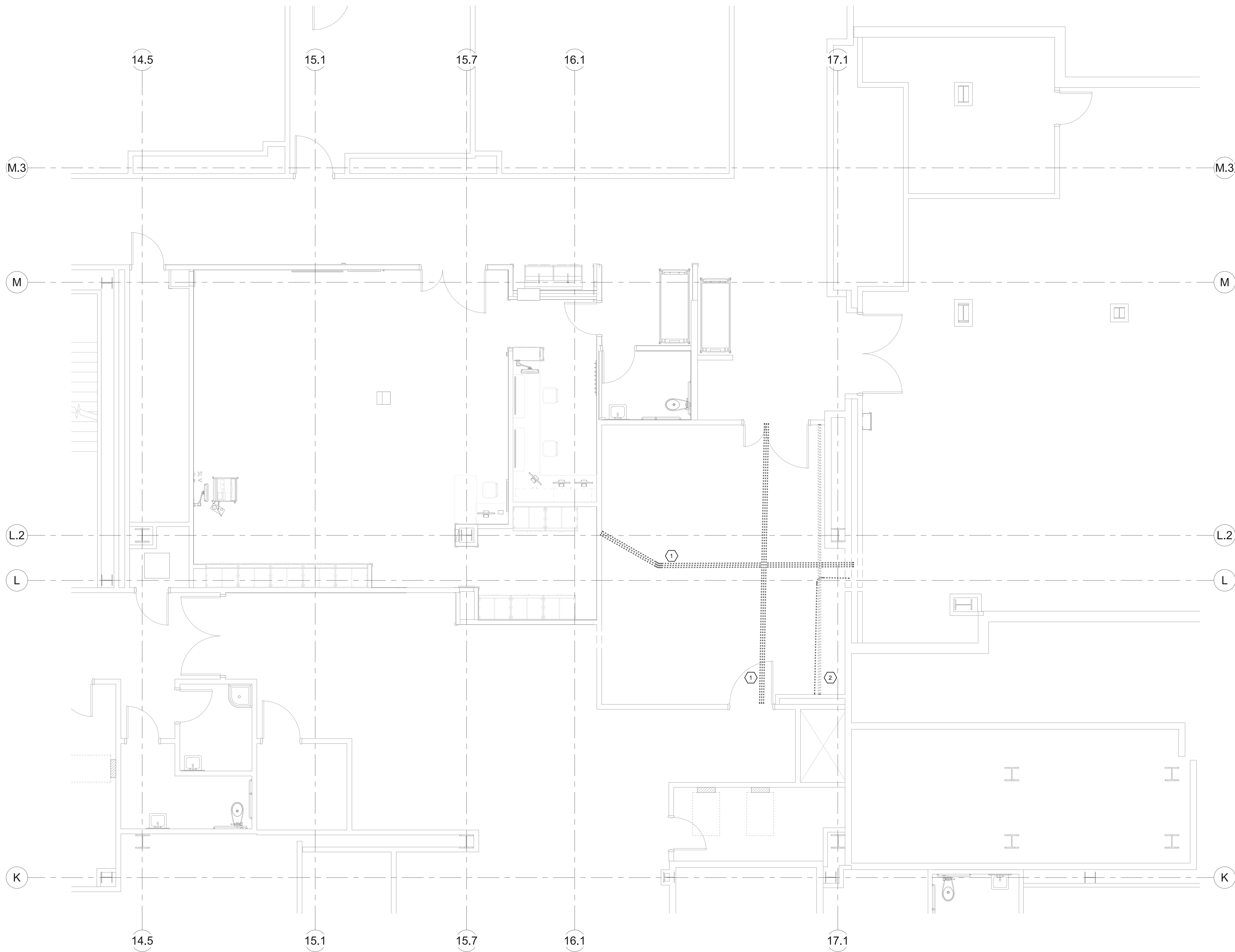
EE701

C:\Users\Jason.Scerbo\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_Jason.Scerbo.rvt

4/12/2024 11:29:43 AM

C:\Users\Jason.Scerbo\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_Jason.Scerbo.rvt

4/12/2024 11:29:27 AM



1 LEVEL 2 ELECTRICAL 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.
- 9 REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING MOTORIZED DOORS, PARTITIONS AND LIGHTING.
- 10 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 11 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 12 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.
- 13 ALL HVAC UNITS TO BE REMOVED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO SOURCE.
- 14 CONDUITS SHOWN ON THIS PLAN SHALL BE RELOCATED TO AVOID CONFLICTS WITH HVAC, PIPING AND ARCHITECTURAL ELEMENTS. THERE ARE OTHER EXISTING CONDUITS IN THIS SPACE NOT SHOWN ON THIS PLAN.

SHEET KEYNOTES

- 1 THREE EXISTING 3/4" CONDUITS WILL NEED TO BE RE-ROUTED TO GO OVER THE TOP OF NEW DUCT WORK AND THE NEW CEILING. COORDIANTE WITH ARCHITECTURAL AND MECHANICAL PLANS. CONDUITS WILL NEED TO BE TRACED TO DETERMINE WHAT WILL BE AFFECTED AND ANY SHUTDOWNS WILL NEED TO BE COORDIANTE WITH THE HOSPITAL.
- 2 EXISTING 2 1/2" CONDUIT AND 3/4" CONDUIT WILL NEED TO BE RELOCATED TO GO OVER THE TOP OF NEW DUCT WORK AND THE NEW CEILING. COORDIANTE WITH ARCHITECTURAL AND MECHANICAL PLANS. CONDUITS WILL NEED TO BE TRACED TO DETERMINE WHAT WILL BE AFFECTED AND ANY SHUTDOWNS WILL NEED TO BE COORDIANTE WITH THE HOSPITAL.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM
ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

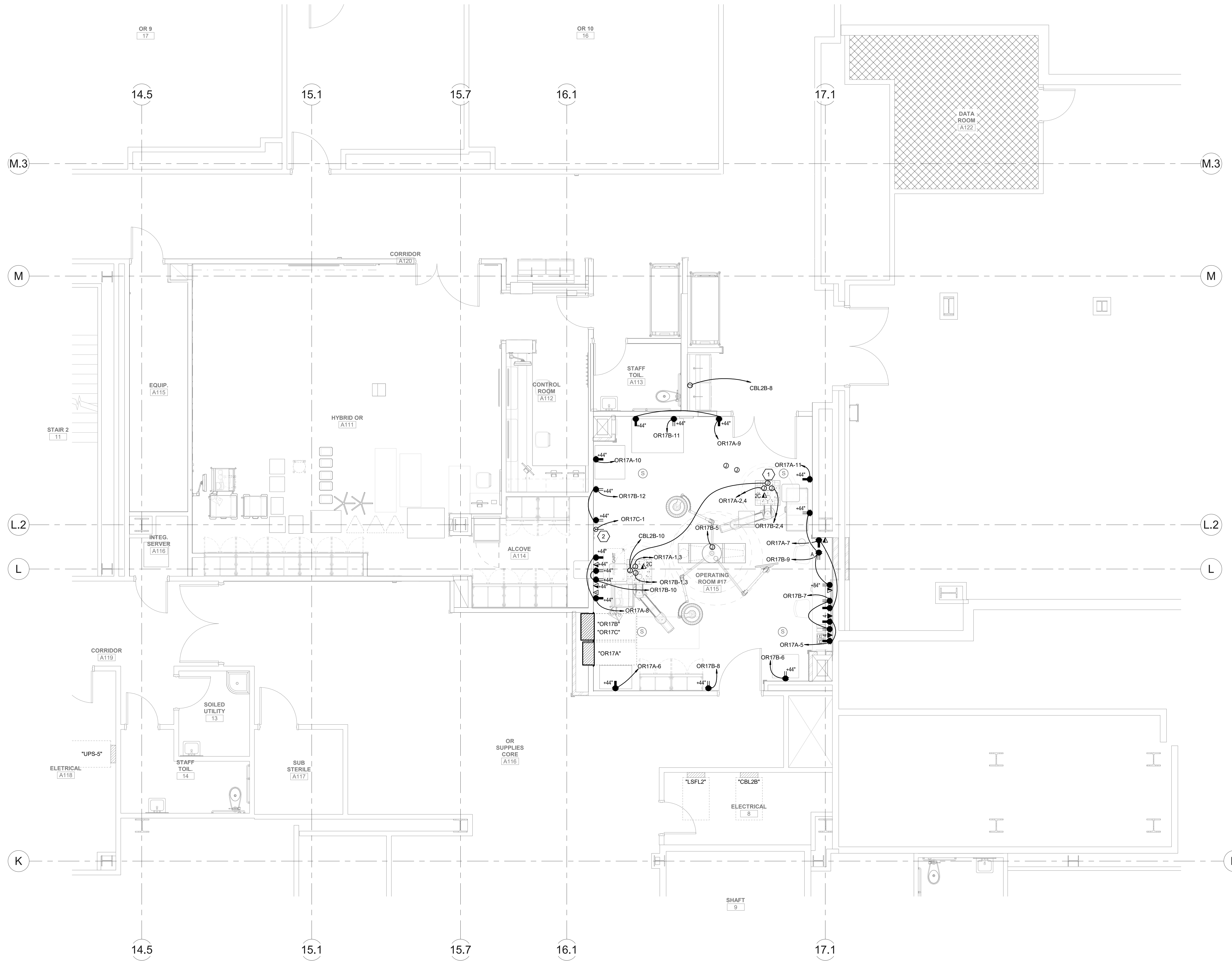
100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 12, 2024

LEVEL 2
ELECTRICAL
DEMOLITION
PLAN
ED102

C:\Users\Jason.Scerbo\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_Jason.Scerbo.rvt

4/12/2024 11:30:21 AM



1 LEVEL 2 POWER PLAN
SCALE: 1/4" = 1'-0"



GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.
- 3 CONTRACTOR TO REFER TO ELECTRICAL SPECIFICATIONS AND ISOLATION PANEL MANUFACTURER GUIDELINES WHEN INSTALLING ISOLATION PANELS AND WIRING IN THE OPERATING ROOM.
- 4 PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY THE PROJECT.
- 5 CONTRACTOR TO REFER TO STERIS BOOM AND INTEGRATION DRAWINGS FOR ADDITIONAL RESPONSIBILITIES.

SHEET KEYNOTES

- 1 PROVIDE (5) 120V, 20A CIRCUITS FOR PATIENT SUPPORT BOOM. (1) FROM CRITICAL BRANCH PANEL FOR BOOM BRAKES, (1) FROM UPS ISOLATION PANEL AND (3) FROM CRITICAL BRANCH ISOLATION PANEL. ALSO PROVIDE TWO DATA DROPS FOR THE BOOM. TELECOM INSTALLER SHALL MAKE ALL FINAL TERMINATIONS IN BOOM.
- 2 PROVIDE LASER RECEPTACLE FED FROM 208V SECTION OF THE CRITICAL BRANCH ISOLATION PANEL.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

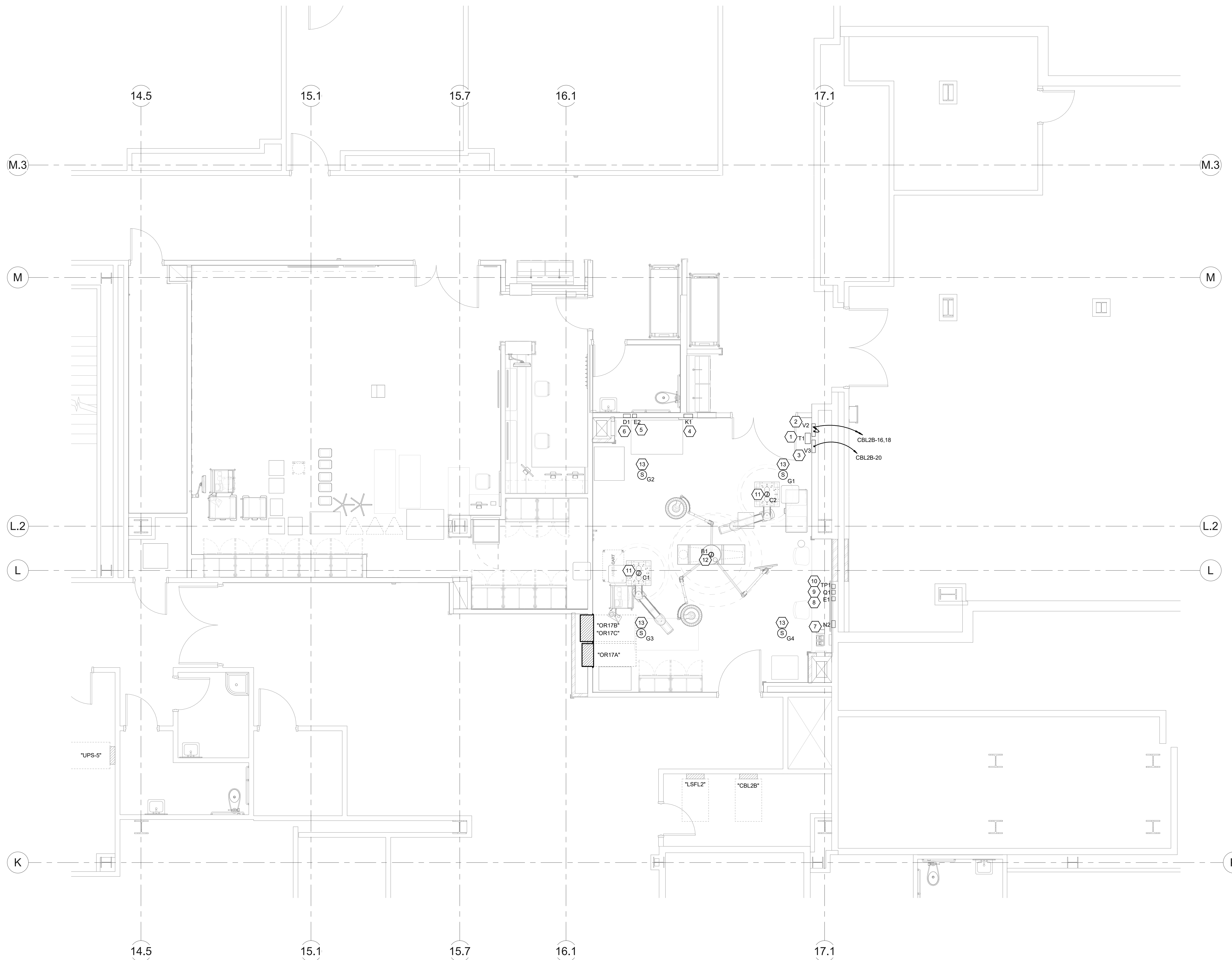
NJRA Project # 23248.00
Construction Documents April 12, 2024

**LEVEL 2
POWER PLAN**

EP102

C:\Users\JLason\Scerbo\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_JLason_Scerbo.rvt

4/12/2024 11:31:57 AM



1 LEVEL 2 STERIS INTEGRATION ROUGH-IN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.
- 3 CONTRACTOR TO REFER TO ELECTRICAL SPECIFICATIONS AND ISOLATION PANEL MANUFACTURER GUIDELINES WHEN INSTALLING ISOLATION PANELS AND WIRING IN THE OPERATING ROOM.
- 4 PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY THE PROJECT.
- 5 CONTRACTOR TO REFER TO STERIS BOOM AND INTEGRATION DRAWINGS FOR ADDITIONAL RESPONSIBILITIES.

SHEET KEYNOTES

- 1 PROVIDE 12"H X 12"W X 6"D JUNCTION BOX MOUNTED VERTICALLY ABOVE CEILING FOR STERIS INTEGRATION EQUIPMENT (STERIS T1 BOX).
- 2 PROVIDE LEVITON BOX WITH VENTED DOOR, BOX PRODUCT #47605-42N, DOOR PRODUCT #47605-42S (STERIS V2 BOX). PROVIDE LEVITON AC DUAL POWER MODULE, PART #47605-DP MOUNTED AT THE BOTTOM OF THE BOX. PROVIDE (2) 1.5" CONDUITS FROM STERIS V2 BOX TO STERIS T1 BOX. CONDUITS MUST ENTER THE TOP RIGHT SIDE OF THE STERIS V2 BOX.
- 3 PROVIDE LEVITON BOX WITH VENTED DOOR, BOX PRODUCT #47605-42N, DOOR PRODUCT #47605-42S (STERIS V3 BOX). PROVIDE LEVITON AC DUAL POWER MODULE, PART #47605-DP MOUNTED AT THE BOTTOM OF THE BOX. CONDUITS MUST ENTER THE TOP RIGHT SIDE OF THE STERIS V3 BOX.
- 4 STERIS BOX K IS FOR THE SURGICAL LIGHT CONTROLLER. COORDINATE CONDUIT REQUIREMENTS STERIS.
- 5 PROVIDE A 4-11/16" SQUARE JUNCTION BOX WITH SINGLE GANG MUD RING FOR ROBOT OUTPUT (STERIS BOX E2). PROVIDE 1-1/2" CONDUIT BETWEEN STERIS BOX E2 AND STERIS BOX T1.
- 6 PROVIDE HUBBELL-RACO 698 4 GANG JUNCTION BOX FOR HD ROBOT INPUT (STERIS BOX D1). PROVIDE 1-1/2" CONDUIT FROM STERIS BOX D1 TO STERIS BOX T1.
- 7 PROVIDE HUBBELL-RACO 698 4 GANG JUNCTION BOX FOR SURGEON PC (STERIS BOX N2). PROVIDE 1-1/2" CONDUIT FROM STERIS BOX N2 TO STERIS BOX T1.
- 8 PROVIDE A 4-11/16" SQUARE JUNCTION BOX WITH SINGLE GANG MUD RING FOR WALL MOUNTED DISPLAY (STERIS BOX E1). PROVIDE 1" CONDUIT BETWEEN STERIS BOX E1 AND STERIS BOX T1.
- 9 PROVIDE 4-11/16" SQUARE JUNCTION BOX WITH DOUBLE GANG MUD RING FOR NURSE DESK AUDIO CONTROL (STERIS Q1 BOX). PROVIDE 1" CONDUIT FROM STERIS Q1 BOX TO STERIS V3 BOX.
- 10 PROVIDE A 4-11/16" SQUARE JUNCTION BOX WITH DOUBLE GANG MUD RING FOR NURSE STATION PATCH PANEL (STERIS TP1). PROVIDE 1" CONDUIT FROM STERIS TP1 TO STERIS BOX T1.
- 11 PROVIDE (2) 1-1/2" CONDUITS FROM BOOM TO STERIS BOX T1.
- 12 PROVIDE A 1-1/2" CONDUIT FROM SUGRICAL LIGHT BOOM TO STERIS BOX T1.
- 13 STERIS INTEGRATION SPEAKER. PROVIDE 3/4" CONDUIT FROM STERIS V3 BOX TO EACH SPEAKER LOCATION. PROVIDED AND INSTALLED BY STERIS.

NJRA ARCHITECTS

NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.384.9259
www.njraarchitects.com

PROFESSIONAL ENGINEER
No. 11783731-2202
JASON R. WORTHEN
STATE OF UTAH
4/12/2024

SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 12, 2024

LEVEL 2 STERIS INTEGRATION ROUGH-IN PLAN

EP102A



GENERAL SHEET NOTES

- 1. PROVIDE NEMA 3R ENCLOSURES FOR EQUIPMENT LOCATED OUTDOORS. REFER TO PLANS FOR EQUIPMENT LOCATIONS.
2. REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.
3. ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.
4. PROVIDE PERFORMANCE TESTING FOR GROUND-Fault PROTECTION SYSTEMS ON SITE WITH A WRITTEN RECORD OF THIS TEST SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PER NEC 230.95(C).

SHEET KEYNOTES

- 1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING SQUARE D PANELBOARD.

COPPER CONDUCTOR AND CONDUIT SCHEDULE

Table with columns: SYM, AMP, HHS, CONDUIT SIZE, CONDUCTOR (NOTE 1) QTY, SIZE, G, IG/HH, SE, NOTES. Contains a detailed schedule of copper conductor and conduit specifications.

- CONDUCTOR AND CONDUIT SCHEDULE NOTES
1. CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.
2. PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATING SHOWN IN TABLE.
3. PROVIDE #10 NEUTRALS FOR MULTIWIRE BRANCH CIRCUITS SERVING COMPUTERS.
4. GROUND (G) CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS.
5. SYMBOL SUBSCRIPTS:
- "2N": INCLUDE TWO NEUTRAL CONDUCTORS SIZED AS SCHEDULED FOR PHASE AND NEUTRAL CONDUCTORS WHERE THE CONDUCTOR IS #10 OR LARGER. INCLUDE A SINGLE 200% RATED CONDUCTOR THAT IS TWICE THE AMPACITY OF THE SCHEDULED PHASE AND NEUTRAL CONDUCTOR WHERE THE CONDUCTOR IS BELOW #10 IN SIZE.
- "CI": PROVIDE CIRCUIT INTEGRITY CABLE, TYPE TWO-HOUR FIRE RESISTIVE CABLES IN CONDUIT OR PROVIDE FEEDER ENCASED IN CONCRETE.
- "FG": FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE SAME SIZE AS THE PHASE CONDUCTORS.
- "HH": NEUTRAL CURRENTS EXIST DUE TO HIGH HARMONIC "NONLINEAR" LOADS. CURRENT CARRYING CONDUCTORS DERATED ACCORDINGLY. PROVIDE THE IGHH SIZE FOR THE EQUIPMENT GROUNDING CONDUCTOR.
- "IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH THE GROUND OF EQUIPMENT GROUND CONDUCTOR.
- "MC": PROVIDE FEEDER IN METAL-CLAD CABLE, TYPE MC IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
- "SE": SUBSTITUTE "SE" CONDUCTOR FOR "G" CONDUCTOR SHOWN, WHICH IS SIZED FOR THE GROUNDING OF THE SECONDARY OF THE SEPARATELY DERIVED SYSTEM.
- "SER": PROVIDE SERVICE-ENTRANCE CABLE, TYPE SE OR SER IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
6. RACEWAY ONLY. CONDUCTORS PROVIDED BY UTILITY.

ALUMINUM CONDUCTOR AND CONDUIT SCHEDULE

Table with columns: SYM, AMP, CONDUIT SIZE, CONDUCTOR (NOTE 1) QTY, SIZE, G, IG, SE, NOTES. Contains a detailed schedule of aluminum conductor and conduit specifications.

BRANCH CIRCUIT CONDUCTOR AND CONDUIT SIZING TABLE

Table with columns: CIRCUIT AMPACITY/VOLTAGE, CIRCUIT LENGTH, CONDUCTOR SIZE (PHASE, NEUTRAL AND GR), CONDUIT SIZE. Lists conductor and conduit sizes for various circuit configurations.

- NOTES:
1. WIRE SIZING IS BASED ON COPPER CONDUCTORS SUPPLYING A 20A, 120V CIRCUIT AT THE INDICATED VOLTAGE. ASSUMED TO BE 80% LOADED (16A), WITH MAXIMUM VOLTAGE DROP OF 3% AT THE LOAD.
2. DOWN-SIZED WIRE AT DEVICE/LOAD AS REQUIRED AND TERMINATE CONDUCTORS IN A SAFE AND CODE COMPLIANT MANNER.
3. CONDUIT SIZE IS BASED ON A MAXIMUM OF 3 CIRCUITS PER CONDUIT, EACH WITH A SEPARATE NEUTRAL CONDUCTOR.

EQUIPMENT NAMEPLATE SCHEDULE

Table with columns: EQUIPMENT ID SCHEME, LABEL FORMAT, LABEL EXAMPLE, BUSWAY, OTHER. Defines naming conventions and label details for equipment.

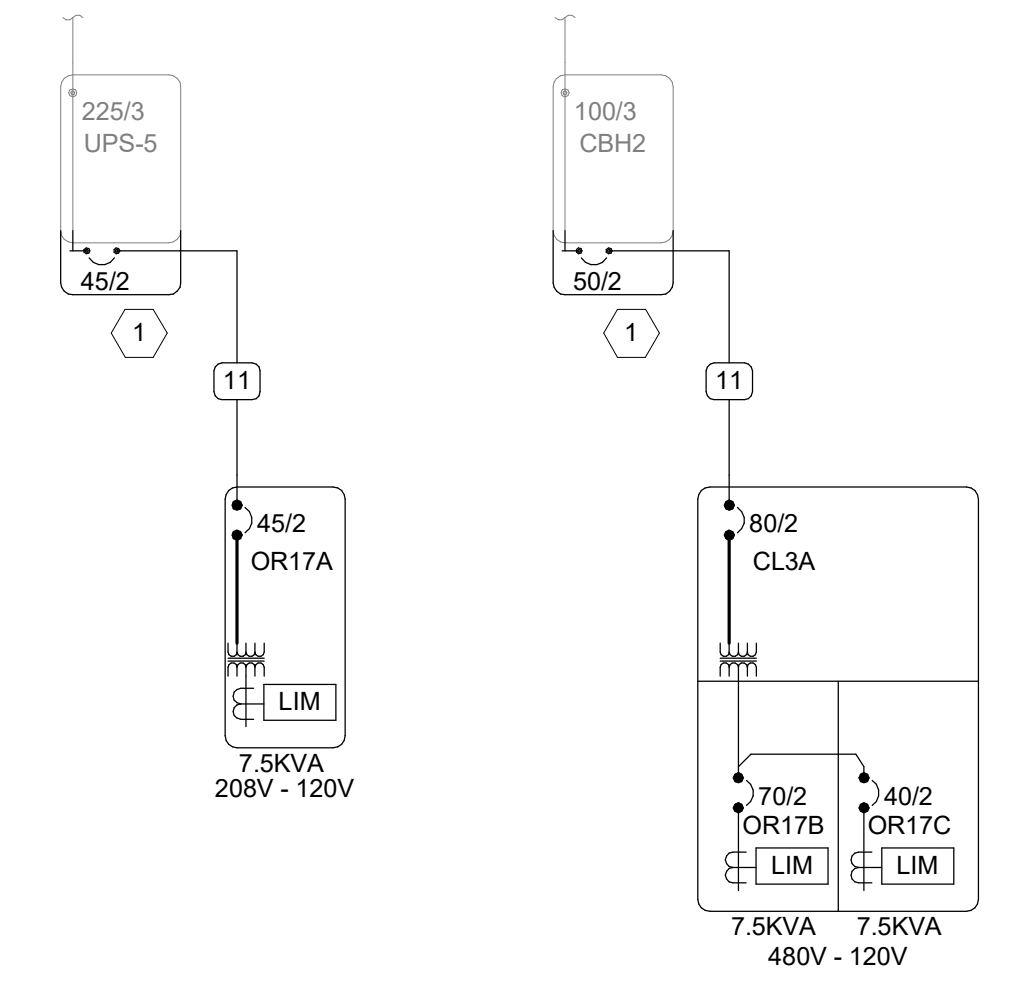
COLOR SCHEME

Table with columns: SYSTEM, EQUIPMENT, NAMEPLATE COLOR (TEXT, BACKGROUND). Defines color coding for equipment and nameplates.

Panel schedule for OR17A, 120VOLT 1 PHASE 3 WIRE ISOLATION PANEL. Includes panel ID, mount, type, location, and accessories. Includes a critical branch A section table.

Panel schedule for OR17B, 120VOLT 1 PHASE 3 WIRE ISOLATION PANEL. Includes panel ID, mount, type, location, and accessories. Includes a critical branch A section table.

Panel schedule for CLSA-208V, 208VOLT 1 PHASE 3 WIRE ISOLATION PANEL. Includes panel ID, mount, type, location, and accessories. Includes a critical branch B section table.



ONE-LINE DIAGRAM

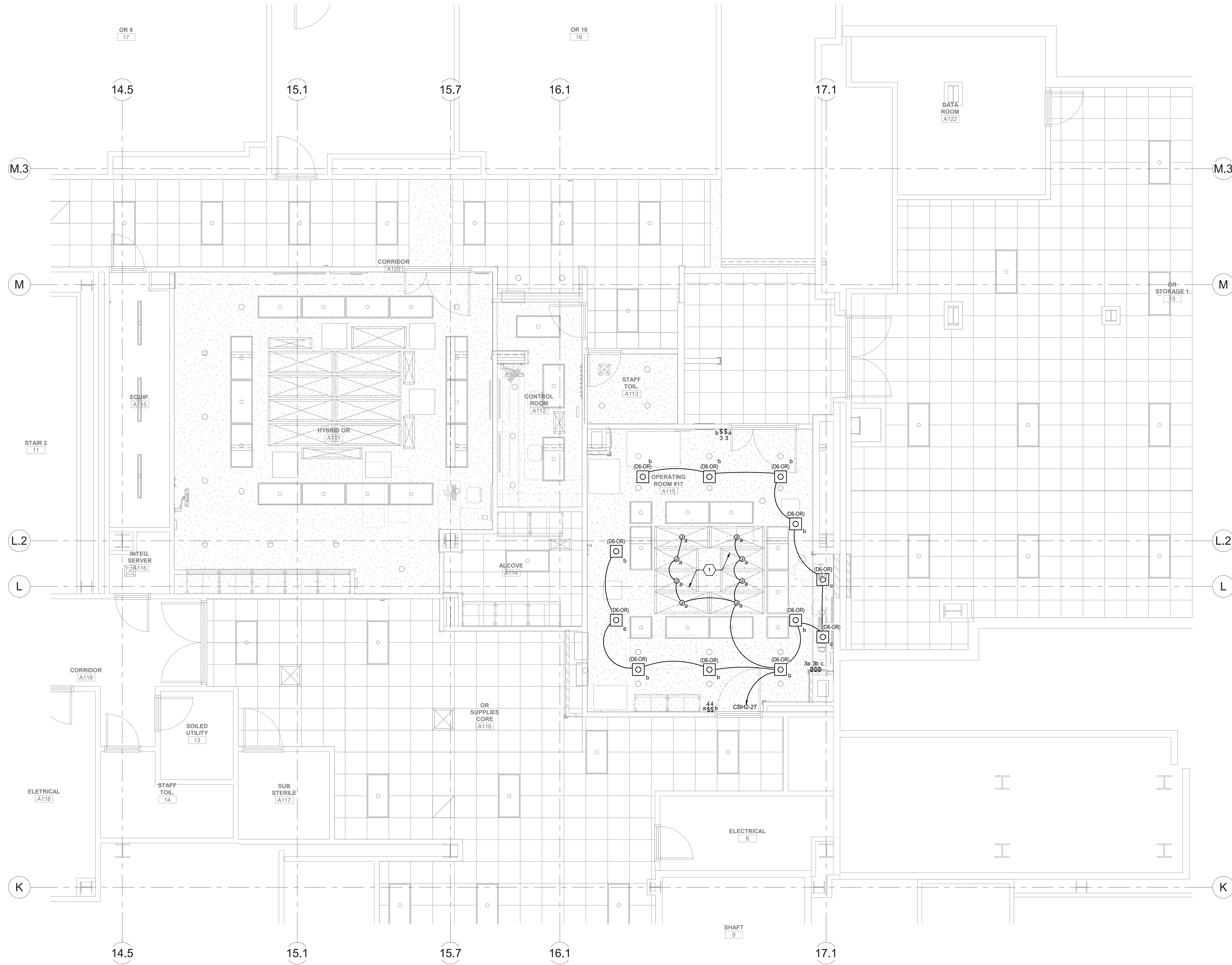
Scale: NTS

C:\Users\Jason.Scorbo\Documents\Revit\2023\Loca\230699-ELEC-CENTRAL_Jason_Scorbo.rvt

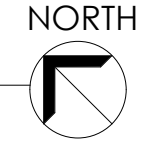
4/12/2024 11:30:40 AM

C:\Users\Jason.Scerbo\Documents\Revit\2023\Local_230689-ELEC-CENTRAL_Jason_Scerbo.rvt

4/12/2024 11:29:56 AM



1 LEVEL 2 LIGHTING PLAN
SCALE: 1/4" = 1'-0"



GENERAL SHEET NOTES

SHEET KEYNOTES

- 1 CONNECT 277V CIRCUIT AND 0-10V DIMMING CONTROLS TO LIGHTING BUILT INTO HVAC DIFFUSERS.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

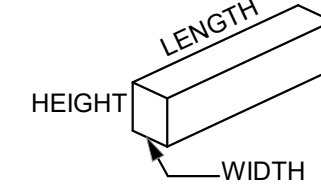
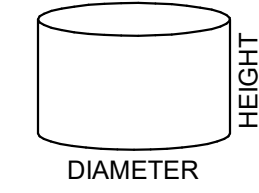
NJRA Project # 23248.00
Construction Documents April 12, 2024

**LEVEL 2
LIGHTING
PLAN**

EL102

INTERIOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES

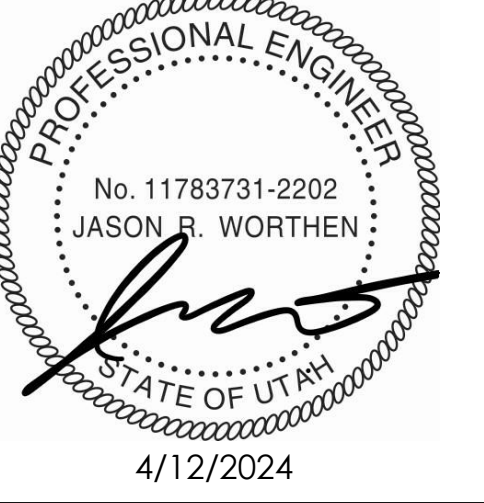


1. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING. THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.
2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
7. 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)	LUMINAIRE				DRIVER			MANUFACTURER (CATALOG SERIES)
			DELIVERED DIRECT LUMENS	DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	TYPE	VOLTAGE	WATTS	
(D6-OR)	DESCRIPTION: 6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 6" - 6"	3,000		3500K		0-10V DIMMING (1%)	120/277	52	FALSAFE (FLD8B-30-D010-FEUBB-3/5-90-35-F6L BXS-M-2-H-BTR84) KURIZON (KL-S8D-44-DLM30-935-UNV-SR-WT-LEX) NEWSTAR (DLM6-HA-L7C-35-B-D-A-3-UN-DM1)



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

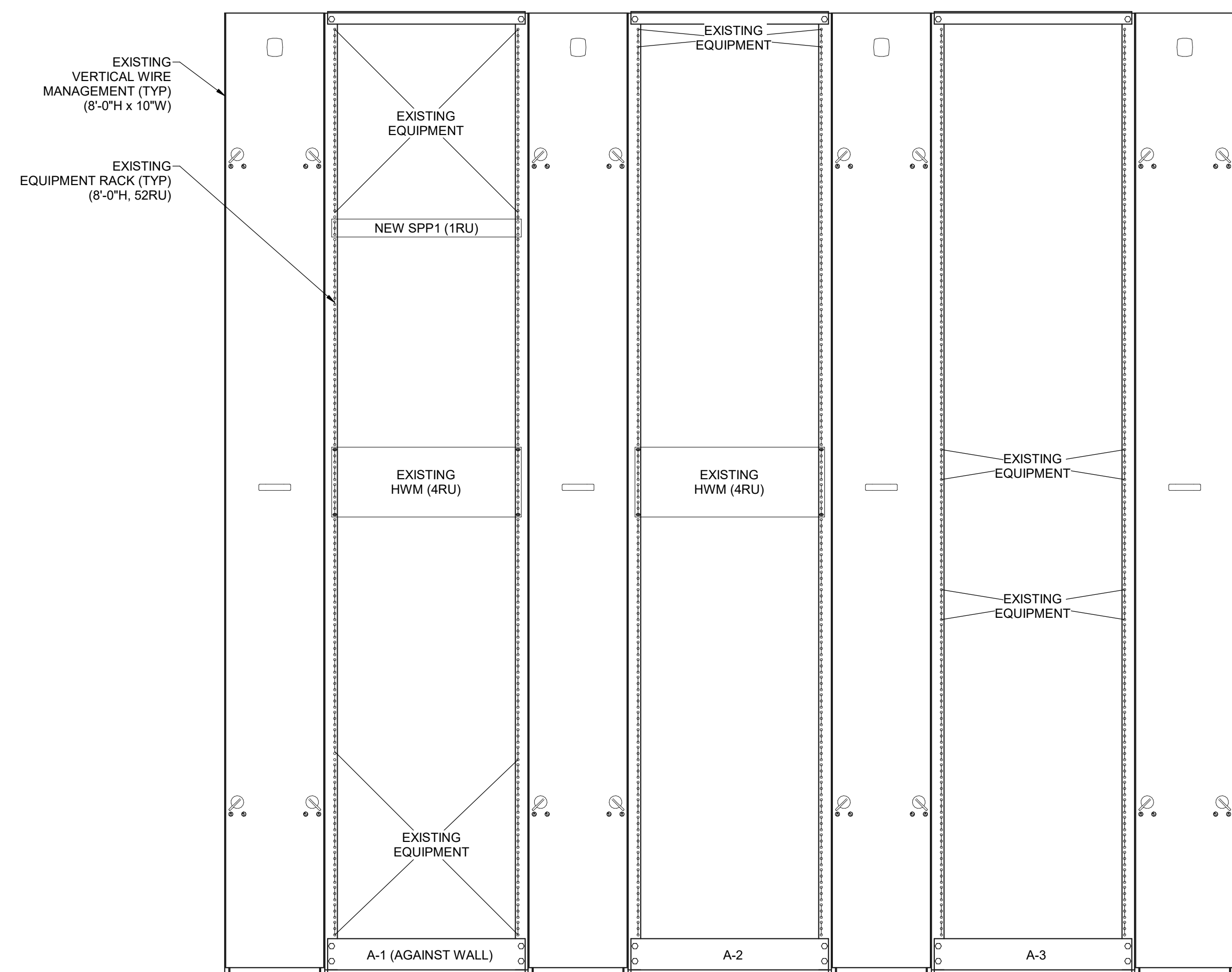
Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
 Salt Lake City, UT 84113

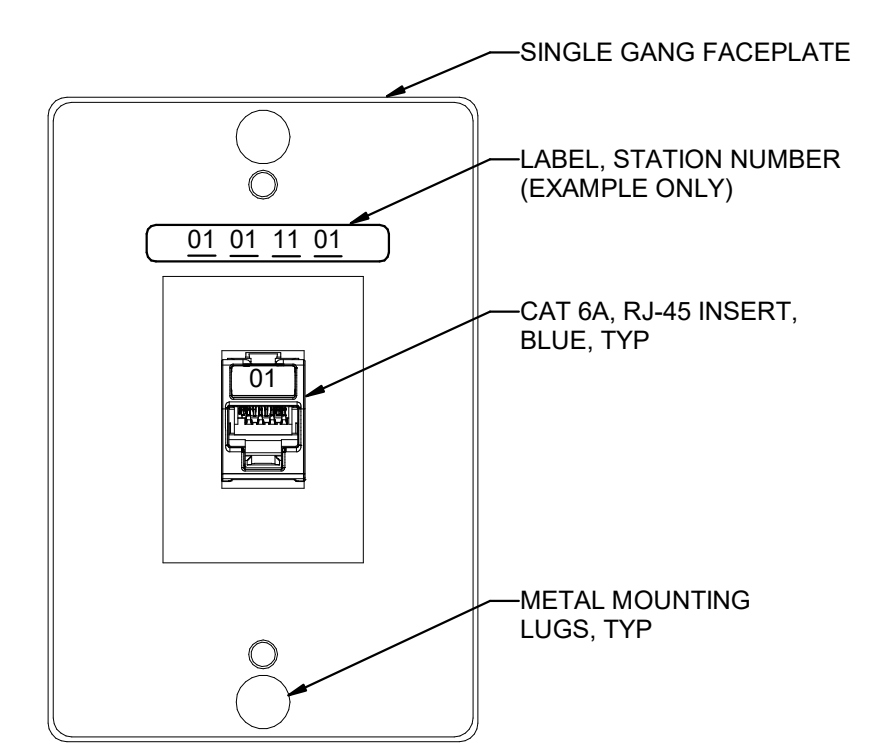
NJRA Project # 23248.00
Construction Documents April 12, 2024

INTERIOR
 LIGHTING
 FIXTURE
 SCHEDULE

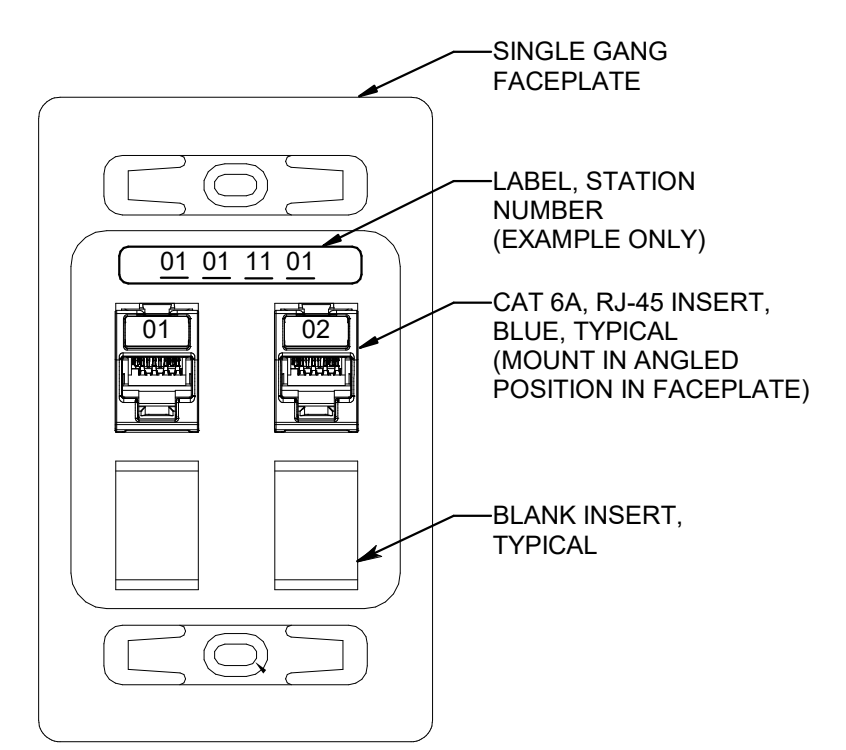
EL601



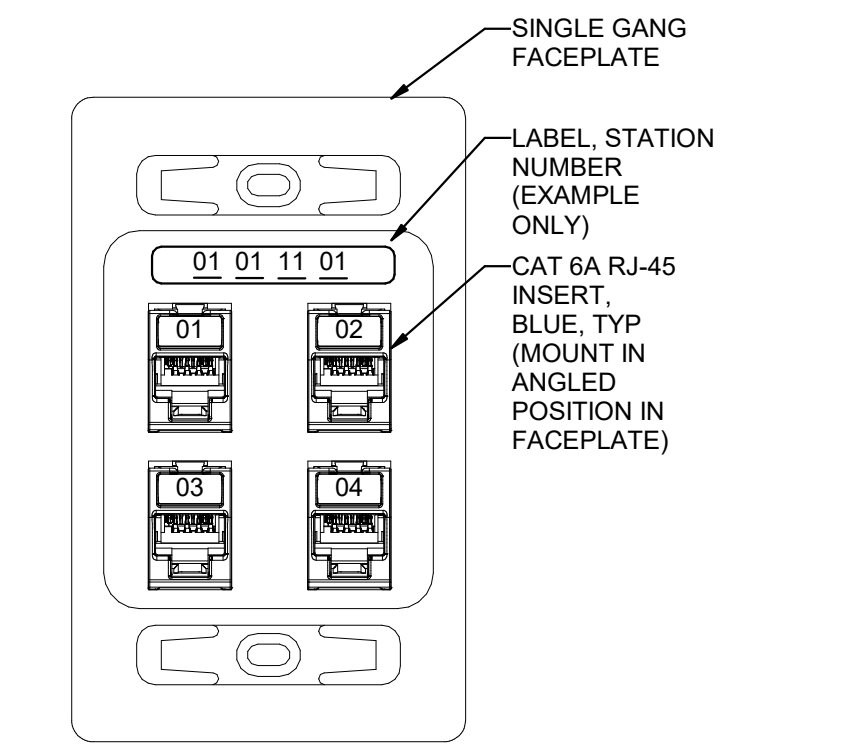
7 EQUIPMENT RACK ELEVATION DETAIL
SCALE: 1/8" = 1'-0"



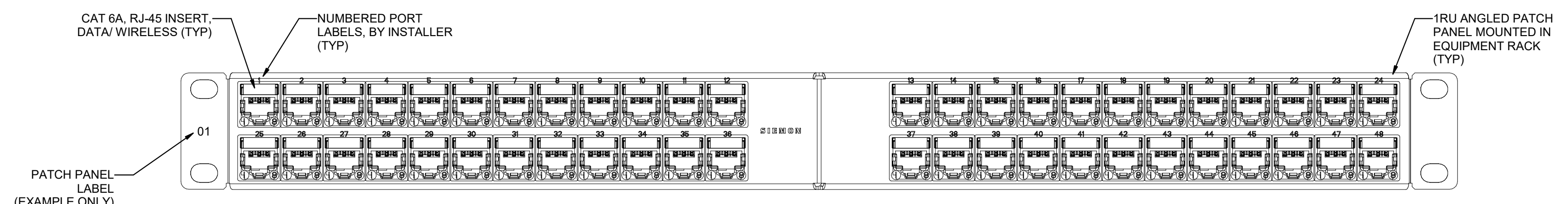
4 TYPICAL 1-PORT WALL PHONE OUTLET
SCALE: NTS



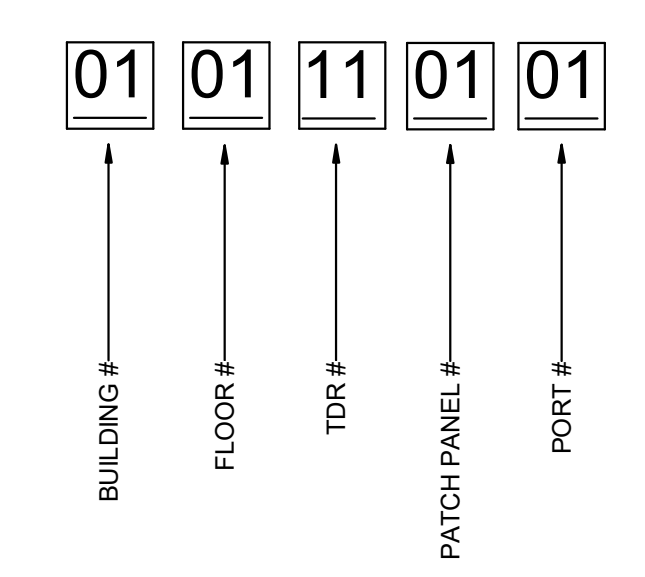
5 TYPICAL 2-PORT WALL DATA OUTLET
SCALE: NTS



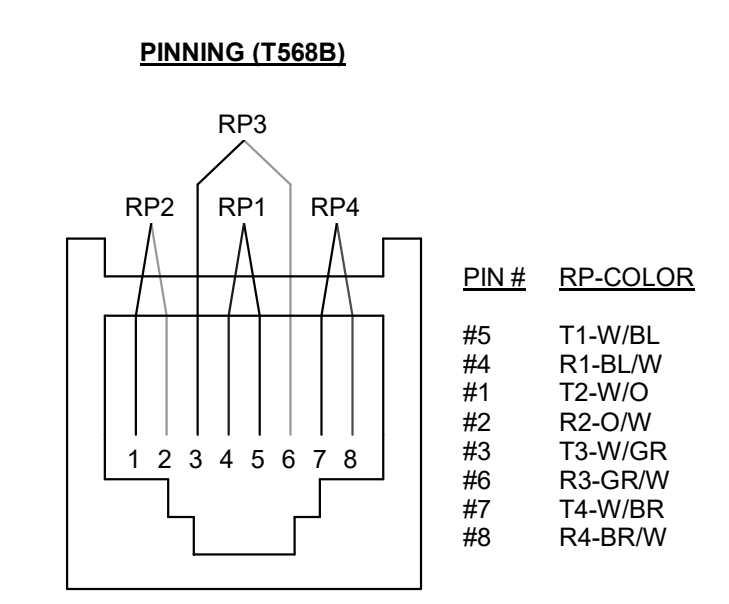
6 TYPICAL 4-PORT WALL DATA OUTLET
SCALE: NTS



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

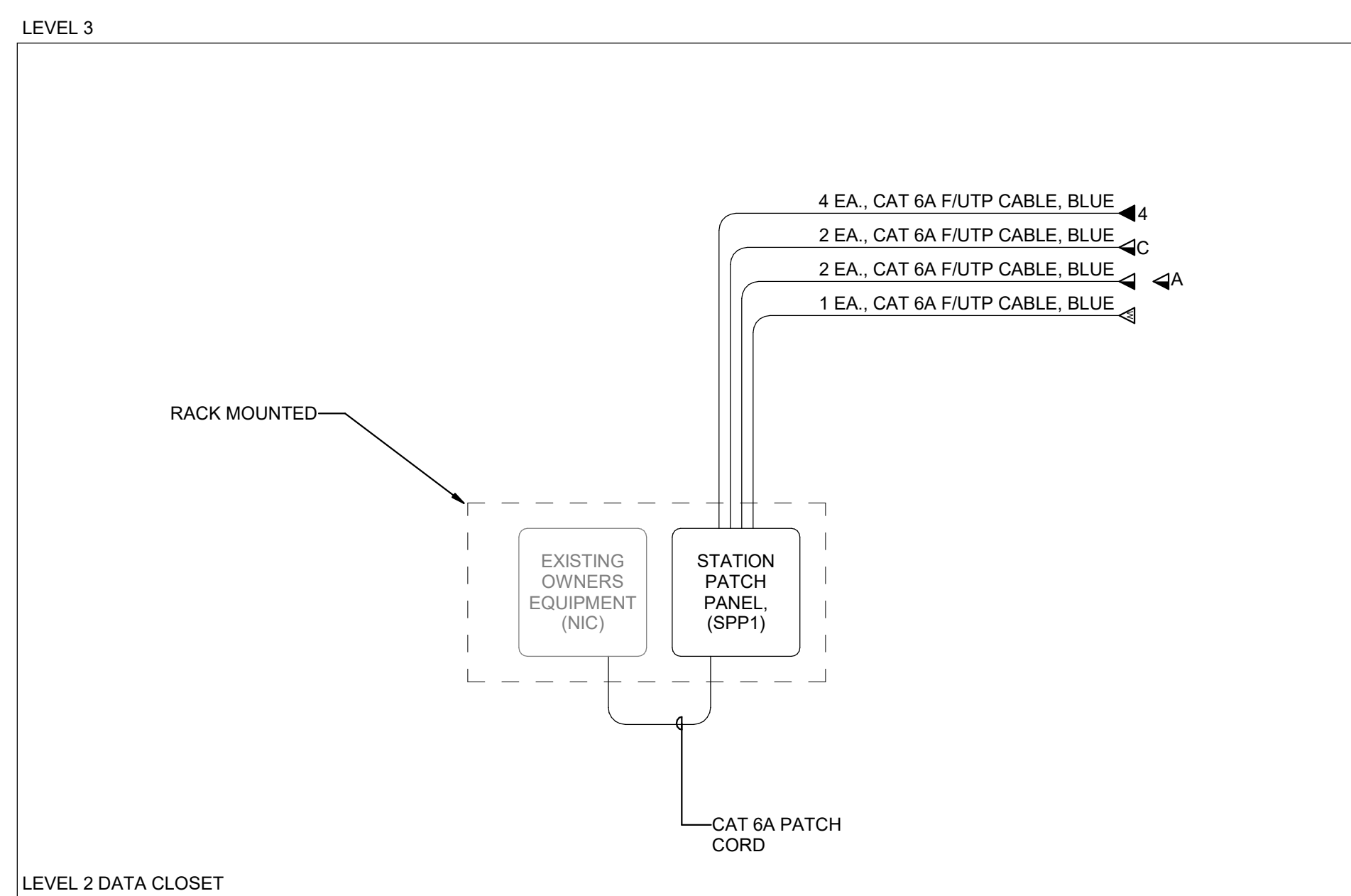


2 TYPICAL CABLE ID EXAMPLE DETAIL
SCALE: NTS

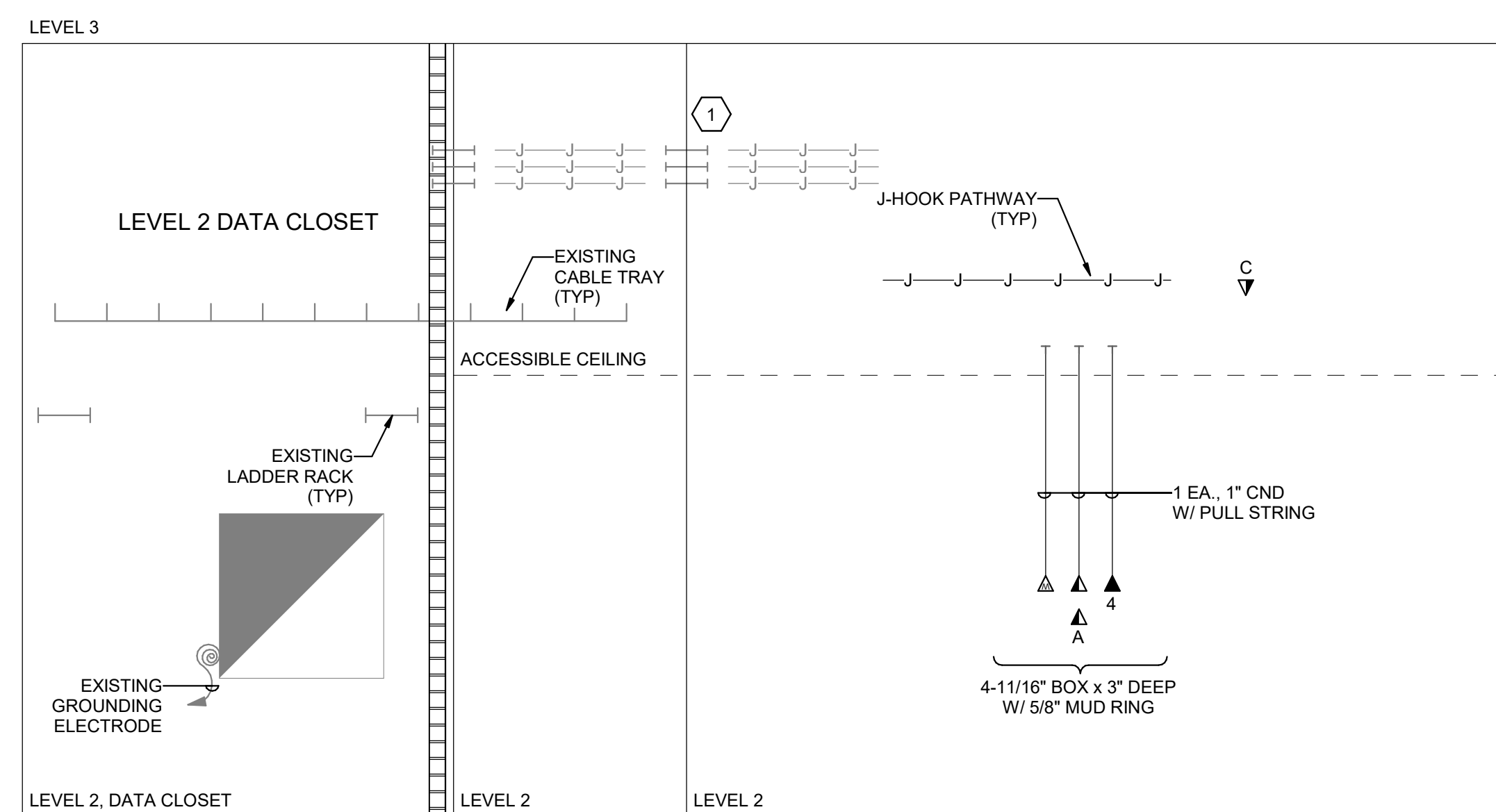


3 TYPICAL VOICE/DATA OUTLET PINNING DETAIL
SCALE: NTS

C:\Users\JLison\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_JLison_Scribo.rvt 4/12/2024 11:31:41 AM



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



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

GENERAL SHEET NOTES

SHEET KEYNOTES

1 CONTRACTOR TO PROVIDE SLEEVES THROUGH ALL WALLS FOR CABLE PATHWAYS. ALL FIRE-RATED WALLS REQUIRE A FIRE-RATED SLEEVE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SMOKE/NON-RATED WALLS REQUIRE A CONDUIT SLEEVE WITH BUSHINGS AND ARE REQUIRED TO BE SEALED WITH FIRE-RATED CAULK AND PUTTY. CONTRACTOR TO DETERMINE FINAL NUMBER OF SLEEVES FOR PENETRATIONS THROUGH WALLS.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
801-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Mario Capechi Dr.
Salt Lake City, UT 84113

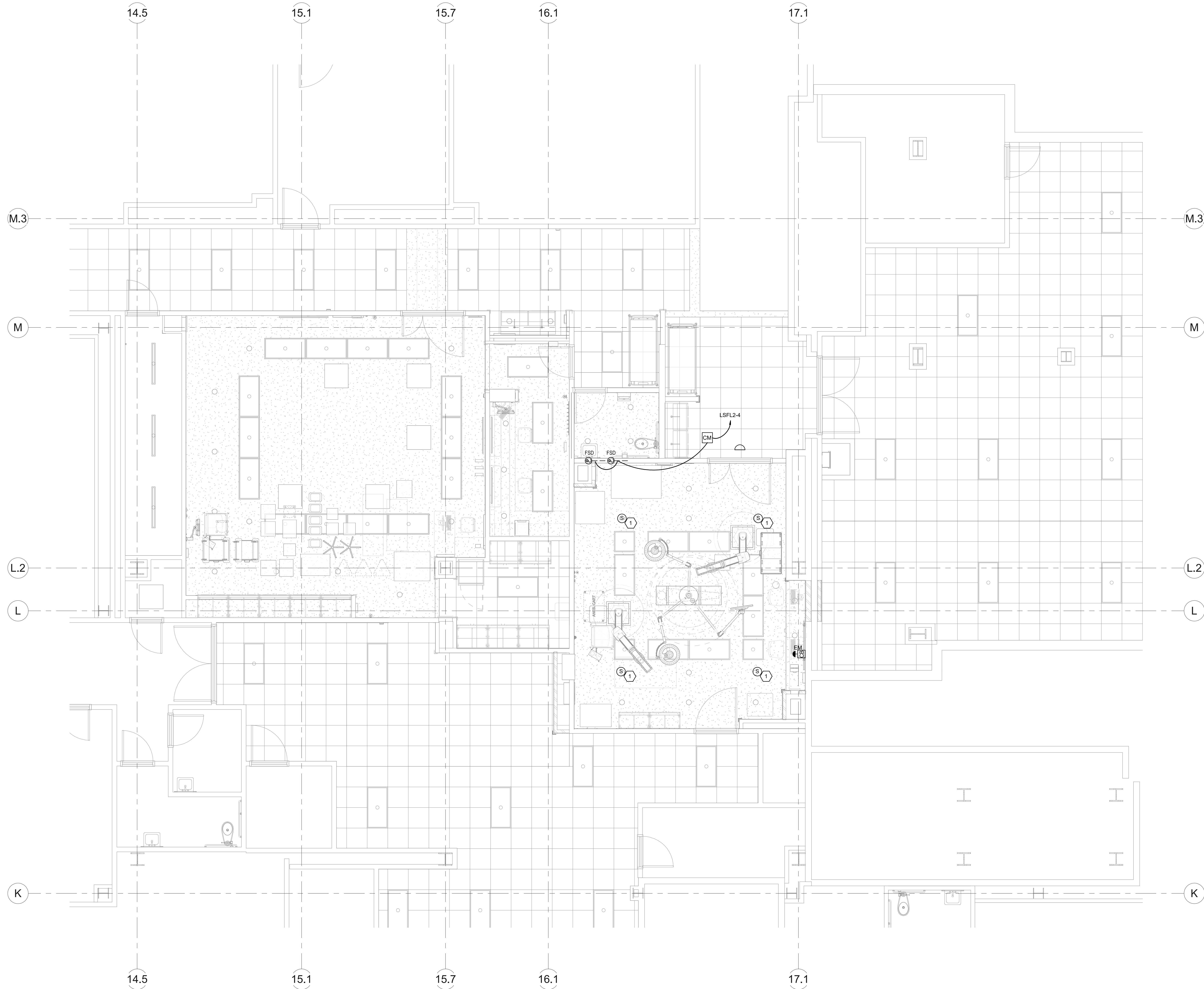
NJRA Project # 23248.00
Construction Documents April 12, 2024

TELECOM RISER DIAGRAMS

ET601

C:\Users\Jason.Scerbo\Documents\Revit\2023\Local\230689-ELEC-CENTRAL_Jason.Scerbo.rvt

4/12/2024 11:31:07 AM



1 LEVEL 2 AUXILIARY PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

1 STERIS INTEGRATION SPEAKER, PROVIDE 3/4" CONDUIT FROM STERIS V3 BOX TO EACH SPEAKER LOCATION. PROVIDED AND INSTALLED BY STERIS.



NJRA Architects, Inc.
5223 S. Ascension Way, Suite 350
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

Intermountain Healthcare
Primary Children's Hospital
OR 17

100 Merino Capechi Dr.
Salt Lake City, UT 84113

NJRA Project # 23248.00
Construction Documents April 12, 2024

**LEVEL 2
AUXILIARY
PLAN**

EY101