

**Addendum # 01**

Date: 10 October 2024

PROJECT:

McKay Dee Hospital Cath Lab 4 Replacement  
4401 Harrison Blvd.  
Ogden, UT 84403

OWNER:

Intermountain Healthcare  
Kurt Wilson, Construction Project Manager  
801-387-2800

ARCHITECT:

Method Studio  
360 W Aspen Ave.  
Salt Lake City, UT 84101  
801-532-4422

*This Addendum forms a part of the Contract Documents and modifies the original contract documents. Receipt of this Addendum must be acknowledged by the Contractor and Owner.*

**Architectural Clarifications:**

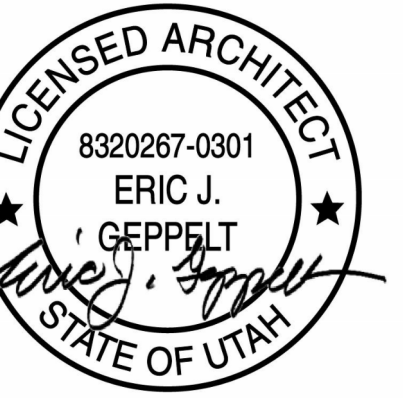
- a. D103/A1 – Added existing millwork to be removed
- b. D133/A1 – Added existing ceiling to be removed
- c. D401/A1 – Added interior elevation showing existing millwork to be removed
- d. A133/A1 – Added new portion of ceiling
- e. A411/B2 – Added interior elevation showing new finishes to match existing
- f. A703/A1 – Added portion of finish to match existing
- g. A901 – Added new sheet for equipment plan and equipment schedule

**END OF ADDENDUM – 01**



360 west aspen avenue  
salt lake city, utah 84101  
801 532 4422

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SEPT 27, 2024

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# McKay Dee Cath Lab 4 Replacement

## CONSTRUCTION DOCUMENT - SEPT 27, 2024

project:  
McKay Dee  
Cath Lab 4  
Replacement

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions :

title:  
COVER  
SHEET

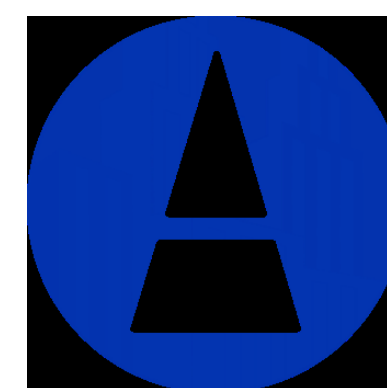
sheet:

# G000

CONSTRUCTION DOCUMENT



**owner**  
intermountain health  
4401 Harrison Blvd,  
Ogden, UT 84403  
801-387-2800  
kurt wilson



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744 S 400 E  
Orem, UT 84097  
801-356-1140  
george jacklin



**mechanical**  
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salt lake city, ut 84111  
(801) 328- 5151  
alex boswell



**electrical**  
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324 s state street, suit 400  
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jason worthen



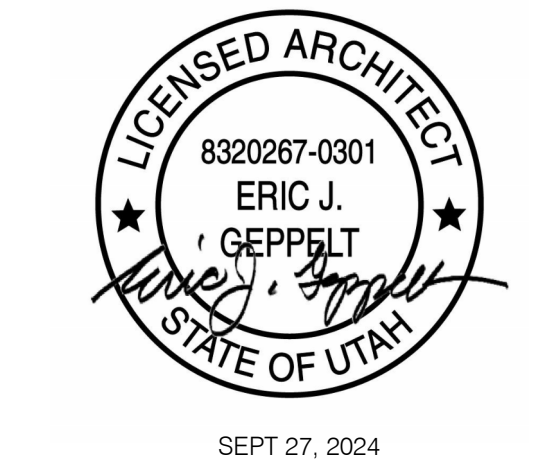
**architect**  
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eric geppelt





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**McKay Dee  
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title:  
**INDEX,  
GENERAL  
NOTES,  
LOCATION  
MAP,  
LEGENDS**  
sheet:

**G001**  
CONSTRUCTION DOCUMENT

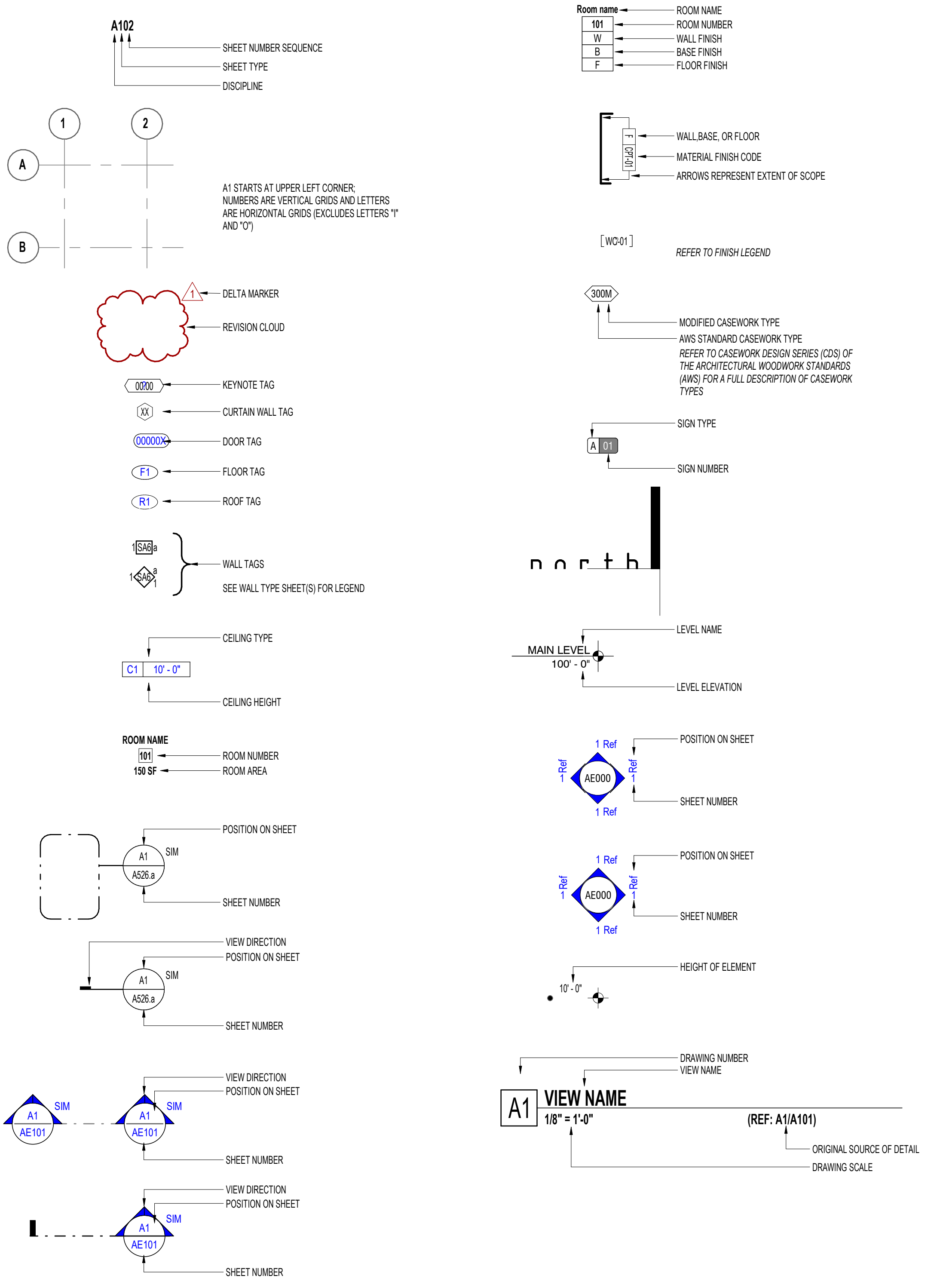
**GENERAL NOTES - MISCELLANEOUS**

- 1 THE PROJECT MANUAL, UNDER SEPARATE COVER, IS AN INTEGRAL PART OF THESE CONSTRUCTION DRAWINGS.
- 2 PLANS, SECTIONS, ELEVATIONS, DETAILS AND DIMENSIONS LABELED "TYPICAL" AND/OR "SIMILAR" SHALL APPLY TO ALL SITUATIONS OCCURRING THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY KEYED ON THE DRAWINGS.
- 3 ALL WORK, MATERIALS, AND METHODS SHALL BE IN CONFORMANCE WITH THE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT LOCATION.
- 4 UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS AS BEING NOT IN CONTRACT (N.I.C.) OR EXISTING, ALL ITEMS, MATERIALS AND INSTALLATION OF SAME ARE PART OF THE CONTRACT AS DEFINED BY THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES, COMPONENTS AND ASSEMBLIES REQUIRED FOR THE WORK DEPICTED OR SPECIFIED.
- 5 CONTRACTORS ARE RESPONSIBLE FOR ALL WORK REGARDLESS OF THE LOCATION OF THE INFORMATION ON THE DOCUMENTS.
- 6 KEEP SITE CLEAN AND CLEAR OF DEBRIS AND IN ORDERLY CONDITION THAT DOES NOT DETRACT FROM THE SURROUNDING SITE AND REPAIR ANY DAMAGE CAUSED BY WORK OF THE CONTRACT.
- 7 ALL DIMENSIONS ARE TO THE FACE OF METAL OR WOOD STUD-FRAMED WALLS AND TO THE FACE OF CONCRETE AND MASONRY WALLS AS SHOWN, UNLESS NOTED OTHERWISE.
- 8 INSTALL SEALANT AT EXTERIOR SIDE OF ALL JOINTS, SEAMS, CONNECTIONS OR OPENINGS WHICH WOULD NOT ALLOW WATER OR AIR INFILTRATION EXCEPT AS NOTED OTHERWISE. SEALANT COLOR TO MATCH ADJACENT SURFACE. COLOR REQUIRES ARCHITECT'S APPROVAL.
- 9 DOOR OPENINGS IN FRAME CONSTRUCTION WHICH ARE NOT DIMENSIONED ARE EITHER CENTERED IN THE WALL, FACE OF JAMB OR LOCATED 4" FROM THE FACE OF STUD TO THE FINISHED JAMB.
- 10 ALL SPECIAL ACCESSIBLE FACILITIES SHALL BE IDENTIFIED WITH APPROVED SIGNAGE.
- 11 THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING A WEATHER TIGHT BUILDING, DETAILS AND OMISSIONS TO DRAWINGS NOTWITHSTANDING. ALL DRAWING CONFLICTS WHICH MAY NOT ALLOW A WEATHER TIGHT CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- 12 DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CONTRACTOR SHALL SUBMIT SPECIFIC DISCREPANCIES FOR ARCHITECT REVIEW.
- 13 PROVIDE FULL METAL BACKING PLATE (1/2 GAUGE X 1/8" HIGH SECURED TO STUDS MIN.) OR WOOD BLOCKING AS REQUIRED TO SECURELY ANCHOR ALL WALL MOUNTED EQUIPMENT (CABINETS, TOILET ROOM ACCESSORIES, HARDWARE, ETC.). BLOCKING SHALL PROVIDE A RIGID CONNECTION CAPABLE OF SUPPORTING DESIGN LOADS. PROVIDE A 1/8 GAUGE X 1/8" STL. STUD TRACK SECURED TO 2 STUDS TO SECURELY SUPPORT ALL WALL STOPS (DOOR BUMPER).
- 14 COORDINATE WITH ALL TRADES, SIZES AND LOCATIONS OF ALL OPENINGS FOR MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT. EQUIPMENT PADS OR BASES, AS WELL AS ELECTRIC POWER, WATER, AND DRAIN INSTALLATIONS, BEFORE PROCEEDING WITH WORK. CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS FOR PROPER PLACEMENT OF ALL TRADES WORK. ANY CONCERNS, SPACE LIMITATIONS, OR STRUCTURAL CONFLICTS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. A REASONABLE RESPONSE TIME SHALL BE ALLOWED AS NOTED IN THE SPECIFICATIONS.
- 15 ALL FLOOR OR WALL OPENINGS REQUIRED FOR PIPES, DUCTS, CONDUITS, ETC. SHALL BE SEALED IN AN APPROVED MANNER.
- 16 FIRE SPRINKLER DESIGN TO BE DONE BY A CERTIFIED SUB-CONTRACTOR AND WILL REQUIRE APPROVALS BY THE CITY, AND STATE FIRE MARSHALS. APPROVALS BY THE FIRE MARSHAL ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO ARCHITECT. SUBMITTAL TO THE ARCHITECT ALSO INDICATES THAT THE CONTRACTOR HAS REVIEWED AND COORDINATED FIRE-SPRINKLER PIPING LOCATIONS WITH ALL TRADES.
- 17 ROOMS ENCLOSED WITH RATED WALLS REQUIRE RATED DOORS. ANY DUCTS PASSING THROUGH WALLS REQUIRE FIRE DAMPERS OR FIRE-SMOKE DAMPERS. ANY CONDUIT OR PIPING REQUIRES RATED SEALANT AT JOINTS.
- 18 GENERAL STRUCTURAL NOTES GOVERN TYPICAL CONDITIONS WHETHER OR NOT SPECIFICALLY DETAILED OR NOTED.
- 19 IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND LOCATE ELECTRICAL, DATA, AND PHONE RECEPTACLES, SWITCHES, ETC. TO AVOID CASEWORK, DOORS, ETC.
- 20 THE DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL AND STRUCTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE TYPE OF STRUCTURAL, MECHANICAL, ELECTRICAL, AND UTILITY SYSTEMS AND MAJOR ARCHITECTURAL ELEMENTS OF CONSTRUCTION AS "SCOPE" DOCUMENTS.
- 21 THE DRAWINGS AND SPECIFICATIONS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE WORK. CONTRACTORS SHALL SET ON THE BASIS OF SUCH DOCUMENTS, WITH THE UNDERSTANDING THAT THE CONTRACTOR IS TO FURNISH ALL ITEMS REQUIRED FOR PROPER COMPLETION OF THE WORK WITHOUT ADJUSTMENT TO CONTRACT PRICE. IT IS INTENDED THAT THE WORK TO BE OF SOUND AND QUALITY CONSTRUCTION AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INCLUSION OF ADEQUATE AMOUNTS TO COVER INSTALLATION OF ALL ITEMS INDICATED, DESCRIBED, OR REASONABLY IMPLIED.
- 22 PROVIDE LEAD SHELDING IN PROJECT PER RECOMMENDATIONS AND REQUIREMENTS INDICATED IN THE SHIELDING REPORT WHERE HOLES ARE CREATED DUE TO PHYSICIST AND NEET CONSTRUCTION.
- 23 PATCH LEAD SHELDING PER PHYSICIST REQUIREMENTS TO MEET REQUIREMENTS INDICATED IN THE SHIELDING REPORT WHERE HOLES ARE CREATED DUE TO PHYSICIST AND NEET CONSTRUCTION.

**DRAWING INDEX**

GENERAL	
G000	COVER SHEET
G003	CODE ANALYSIS & CODE PLANS
G012	ACCESSIBILITY DETAILS, MOUNTING HEIGHTS & TYPICAL BLOCKING
G015	CODE REQUIRED SIGNAGE & DETAILS
G021	COMCHECKS
G100	UL DESIGNS
G200	LEAD SHELDING REPORT
G201	INDEX, GENERAL NOTES, LOCATION MAP, LEGENDS
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D102	LEVEL 2 EXISTING FLOOR PLAN
D103	LEVEL 3 DEMO PLAN
D132	LEVEL 3 EXISTING RCP
D133	LEVEL 3 DEMO RCP
DA01	INTERIOR ELEVATIONS DEMO
ARCHITECTURAL SITE	
AO01	CONTEXT PLAN
ARCHITECTURAL	
A103	LEVEL 3 ENLARGED FLOOR PLAN
A113	LEVEL 3 DIMENSION PLAN
A133	LEVEL 3 RCP PLAN
A211	3D AXONOMETRIC VIEWS
A411	ENLARGED PLANS AND INTERIOR ELEVATIONS
A501	INTERIOR WALL ASSEMBLIES
A503	STRUCTURAL STEEL DETAILS
A504	STRUCTURAL STEEL DETAILS
A571	INTERIOR DETAILS
A581	CASEWORK DETAILS
A601	DOOR SCHEDULE, TYPES, AND DETAILS
Structural	
S001	GENERAL STRUCTURAL NOTES
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S201	LEVEL 3 CEILING PLAN
S310	CONSTRUCTION DETAILS
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MD103	LEVEL 3 MECHANICAL DEMO PLAN
ME01	MECHANICAL COVER SHEET
MT03	LEVEL 3 MECHANICAL PLAN
MP103	LEVEL 3 MECHANICAL PIPING PLAN
MS01	MECHANICAL DETAILS
MS01	MECHANICAL SCHEDULES
MS01	LEVEL 3 FGH ACH
PLUMBING	
PD01	PLUMBING COVER SHEET
PD03	LEVEL 3 PLUMBING DEMO PLAN
PD10	LEVEL 3 PLUMBING PLAN
PD14	LEVEL 3 PLUMBING MED GAS
PD1	PLUMBING DETAILS
PD1	PLUMBING SCHEDULES
ELECTRICAL	
EE001	ELECTRICAL COVER SHEET
EE002	TELECOM SCHEDULES AND NOTES
EE003	AUXILIARY SCHEDULES AND NOTES
EE001	ELECTRICAL DETAILS
EE001	TYPICAL MOUNTING DETAILS
EE002	SKYTRON DRAWINGS
EE003	SKYTRON DRAWINGS
EE004	SKYTRON DRAWINGS
EE005	SKYTRON DRAWINGS
EE006	SIEMENS DRAWINGS
EE007	SIEMENS DRAWINGS
EE008	SIEMENS DRAWINGS
ED101	LEVEL 3 ELECTRICAL & LIGHTING DEMOLITION PLAN
EP01	LEVEL 3 POWER PLAN - OVERALL
EP02	LEVEL 3 POWER PLAN
EP01	ONE-LINE DIAGRAM
EP01	TELECOM CABLE RISER DIAGRAM
EL01	LEVEL 3 LIGHTING PLAN
EY01	LEVEL 3 AUXILIARY PLAN
EQUIPMENT	
SIEMENS A101	FLOOR PLAN
SIEMENS A102	REFLECTED CEILING PLAN AND CLEARANCE
SIEMENS S101	STRUCTURAL PLAN
SIEMENS S102	STRUCTURAL DETAILS
SIEMENS E101	ELECTRICAL RACEWAY PLAN
SIEMENS E102	ELECTRICAL DIMENSION PLAN
SIEMENS E301	ELECTRICAL SCHEDULES
SIEMENS M001	MECHANICAL REQUIREMENTS
SKYTRON	COVER SHEET
SKYTRON 00	ROOM LAYOUT
SKYTRON A1	ELEVATION DETAILS
SKYTRON A1.1	MTG. STRUCTURE
SKYTRON A2	CARRIER DETAILS
SKYTRON A3	ELECTRICAL DETAILS
SKYTRON B1	ELEVATION DETAILS
SKYTRON B1.1	MTG. STRUCTURE
SKYTRON B2	CARRIER DETAILS
SKYTRON B3	ELECTRICAL DETAILS
SKYTRON B3.1	ELECTRICAL DETAILS
SKYTRON C1	ELEVATION DETAILS
SKYTRON C1.1	MTG. STRUCTURE
SKYTRON C2	CARRIER DETAILS
SKYTRON C3	ELECTRICAL DETAILS
SKYTRON D1	ELEVATION DETAILS
SKYTRON D1.1	MTG. STRUCTURE
SKYTRON D2	CARRIER DETAILS
SKYTRON D3	ELECTRICAL DETAILS
SKYTRON E1	ELEVATION DETAILS
SKYTRON E1.1	MTG. STRUCTURE
SKYTRON F1	ELEVATION DETAILS
SKYTRON F1.1	MTG. STRUCTURE
SKYTRON F4	LIGHTING DETAILS
SKYTRON F4.1	WALL CTRL. DETAILS
SKYTRON BP1	
SKYTRON BP2	
SKYTRON BP3	

**ARCHITECTURE SYMBOLS**



**ABBREVIATION SCHEDULE**

Abbrev.	Description
ID	INSIDE DIAMETER
E	INVERT ELEVATION
INSUL	INSULATION
INT	INTERIOR
INTX	INTERSECTION
INV	INVERT
J	JUNCTION BOX
JCT	JUNCTION
JST	JOIST
JT	JOINT
L	LENGTH
LC	LENGTH OF CURVE
LDC	LEAD COVERED
LL	LIVE LOAD
LH	LONG LEG HORIZONTAL
LHV	LONG LEG VERTICAL
LT	LIGHT
M	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTO	MOUNTED
MTG	MOUNTING
MULL	MULLION
MWP	MEMBRANE WATERPROOFING
N	NORTH
NA	NOT APPLICABLE
NE	NORTHEAST
NEC	NATIONAL ELECTRIC CODE
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
NW	NORTHWEST
O	OUTSIDE AIR
OA	OUTSIDE AIR
OC	ON CENTER
OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFIO	OWNER FURNISHED, OWNER INSTALLED
OPP	OPPOSITE
OVHD	OVERHEAD
P	POINT IF INTERSECTION
PL	PLATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
PRELIM	PRELIMINARY
PRESS	PRESSURE
PRIM	PRIMARY
PTN	PARTITION
PT	POINT, POINT OF TANGENT
Q	QUARRY TILE
R	RADIUS
RA	RETURN AIR
RB	RESILIENT VINYL BASE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECP	RECEPTACLE
RENF	REINFORCEMENT
REQD	REQUIRED
REV	REVISION
RF	ROOF
RFLCP	REFLECTIVE CEILING PLAN
RM	ROOM
RVT	RESILIENT VINYL TILE
S	SOUTH
SCH	SCHEDULE
SD	STORM DRAIN
SE	SOUTHEAST
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SL	SLOPE
SPEC	SPECIFICATION
SQ	SQUARE
STL	STEEL
SUSP	SUSPENDED
T	TOP
TAB	TOP AND BOTTOM
TEL	TELEPHONE
TEMP	TEMPORARY
TERM	TERMINAL
THK	THICK/THICKNESS
THRSLD	THRESHOLD
TO	TOP OF
TOS	TOP OF STEEL, TOP OF SLAB
TOW	TOP OF WALL
TYP	TYPICAL
U	UNLESS NOTED OTHERWISE
V	VINYL COMPOSITION TILE
VENT	VENTILATING
VERT	VERTICAL
VEST	VESTIBULE
VWC	VINYL WALL COVERING
W	WIDTH, WEST
WT	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WIDTH
WT	WEIGHT
WNF	WELDED WIRE FABRIC
X	
X	TRANSFORMER

**ABBREVIATION SCHEDULE**

Abbrev.	Description
0	NUMBER OR POUND
A	AND
2:1 SL	2 HORIZONTAL TO 1 VERTICAL SLOPE
@	AT
CH	CHANNEL
F	FLUSH FINISH
SI	LESS THAN OR EQUAL TO
>	GREATER THAN OR EQUAL TO
A	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACST	ACOUSTIC
AD	AREA DRAIN
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECTURAL ARCHITECT, ARCHITECTURE
ASPH	ASPHALT
B	BASELINE
B	BOTTOM
BEJ	BRICK EXPANSION JOINT
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
BO	BOARD
BRG	BEARING
BSMT	BASEMENT
C	CURB & GUTTER
CAP	CAPACITY
CEM	CEMENT
CG	CORNER GUARD
CP	CAST IN PLACE, CAST IRON PIPE
CR	CIRCULATING
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CENTERLINE
CL	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNITS
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPT	CARPET
CSK	COUNTERSINK
CT	CERAMIC TILE
CTR	CENTER
D	DEPTH
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
E	EAST
EP	EDGE OF PAVEMENT
EA	EACH
EL	ELEVATION
ELECT	ELECTRICAL
ELEV	ELEVATION
EMER	EMERGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EW	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
F	FIELD VERIFY
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FR	FRAME
FTG	FOOTING
FXTR	FIXTURE
G	GROUND
GA	GALVANIZED
GL	GLASS
GR	GRADE
GRD	GROUND
GWB	GYPSUM WALL BOARD
H	HOSE BIBB
HC	HANDICAPPED
HW	HARDWARE
HGT	HEIGHT
HORIZ	HORIZONTAL
HR	HOUR
HW	HOT WATER

Autodesk Docs/McKay Dee Cath Lab 4 Replacement/24.0310/McKay Dee Cath Lab 4 Replacement.rvt  
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5

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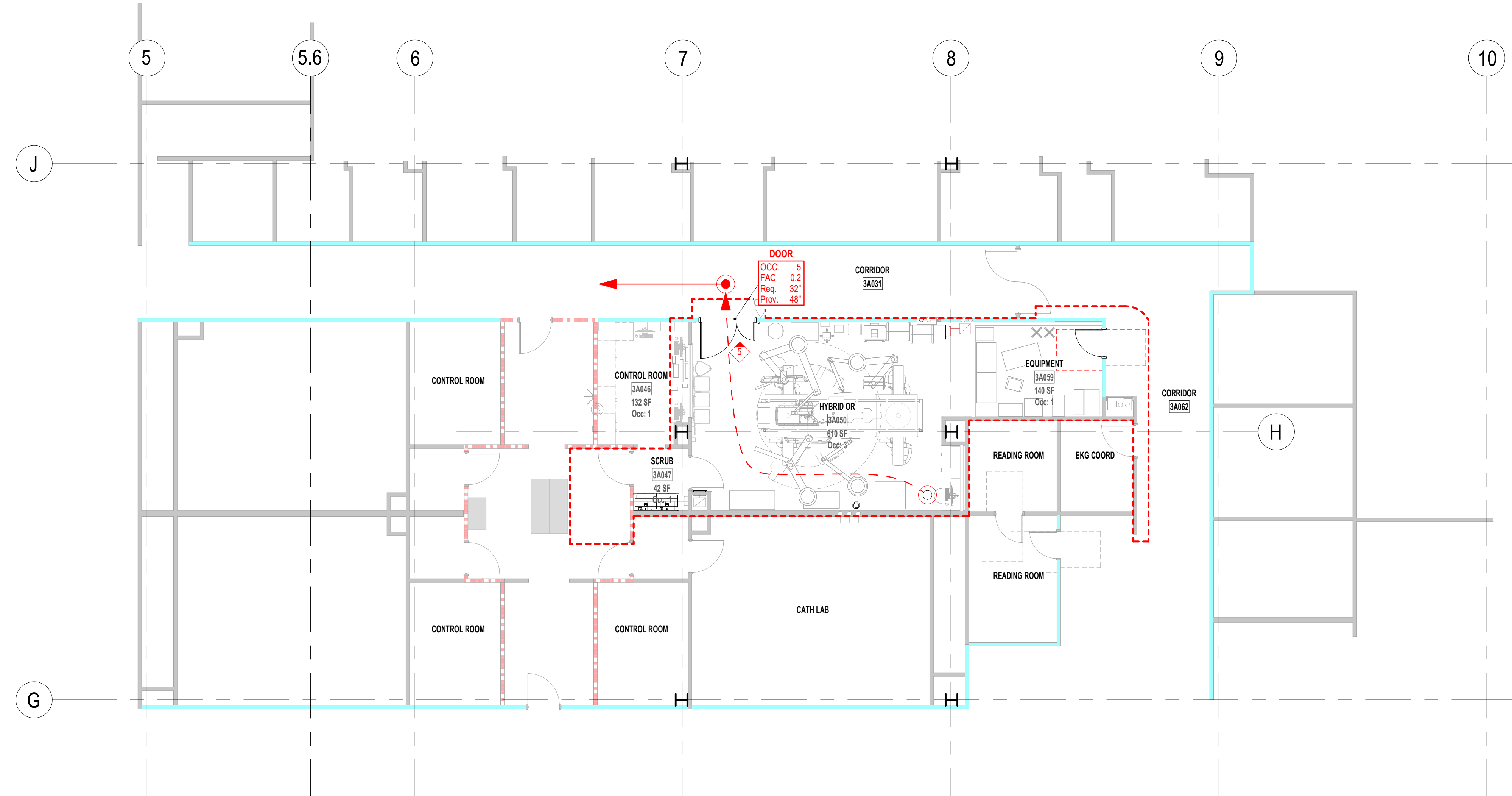
### GRAPHIC LEGEND

- 3 HOUR RATING
- 2 HOUR RATING
- 1 HOUR RATING
- 30 MINUTE RATING
- SMOKE PARTITIONS
- TRAVEL DISTANCE (TD)
- COMMON PATH OF EGRESS (CPE)
- POINT AT WHICH A CHOICE OF TWO EXITS BECOME AVAILABLE
- REMOTE POINT
- TRAVEL PATH OCCUPANTS & DIRECTION OF TRAVEL
- FIRE RATING OF OPENING (IN MINUTES)  
ADDITIONAL INFORMATION PROVIDED IN A800 SERIES
- FIRE EXTINGUISHER IN RECESSED CABINET, 75' RADIUS
- FIRE EXTINGUISHER SURFACE MOUNTED ON WALL HOOK 75' RADIUS
- DOOR  
OCC: 150  
FAC: 0.2  
Req: 32"  
Prov: 30"
- STAIR  
OCC: 85  
FAC: 0.3  
Req: 44"  
Prov: 44"

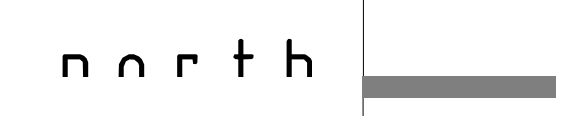
NOTES:  
 a. SEE SHEET SERIES A800 FOR ADDITIONAL WALL TYPE INFORMATION AND UL LISTINGS  
 b. SEE G000 SHEET SERIES FOR ADDITIONAL CODE INFORMATION

### DESIGN CRITERIA

- BUILDING SIZE**  
NO CHANGES TO EXISTING BUILDING SIZE  
TOTAL REMODEL AREA 962 SF
- CODE EVALUATION:**  
BUILDING CODE  
2021 INTERNATIONAL BUILDING CODE  
2021 INTERNATIONAL EXISTING BUILDING CODE  
2021 INTERNATIONAL FIRE CODE  
2021 INTERNATIONAL MECHANICAL CODE  
2021 INTERNATIONAL PLUMBING CODE  
2020 NATIONAL ELECTRICAL CODE  
2021 INTERNATIONAL ENERGY CONSERVATION CODE  
AND 1111.2017  
UTAH STATE CODE AMENDMENTS, EFFECTIVE 1 JULY 2022  
NFPA 101 LIFE SAFETY 2018
- OCCUPANCY CLASSIFICATION**  
I-2 (HOSPITAL) NO CHANGES TO EXISTING OCCUPANCY
- OCCUPANCY REQUIREMENTS**  
I-2 (BC 308.3)
- TYPE OF CONSTRUCTION**  
I-2, I-B BC TABLE 604.3 (EXISTING)
- AUTOMATIC FIRE SPRINKLERS**  
AN EXISTING AUTOMATIC FIRE SPRINKLER SYSTEM IS PROVIDED THROUGHOUT BUILDING IN ACCORDANCE WITH NFPA 13 (BC 903.3.1) FOR AN ALLOWABLE AREA INCREASE AND FOR OTHER CODE BENEFITS. NO NEW CHANGES THAT AFFECT THE FIRE SPRINKLER SYSTEM.
- ALLOWABLE FLOOR AREA**  
NOT REQUIRED BETWEEN I-2 AND I-2 OCCUPANCIES (BC 302.1)
- CORRIDOR FIRE RESISTANCE**  
NOT REQUIRED AT CORRIDOR WALLS WHERE AS BUILDING IS FIRE SPRINKLERED THROUGHOUT IN ACCORDANCE WITH NFPA 13 (BC TABLE 1020.2)
- SMOKE PARTITIONS AND BARRIERS**  
CORRIDOR WALLS IN I-2 OCCUPANCY SHALL BE CONSTRUCTED AS SMOKE BARRIERS OR PARTITIONS IN ACCORDANCE WITH BC 407, BC 710 AND NFPA 101, 16.3.7.2
- OCCUPANT LOAD**  
(BC TABLE 1004.1.2)  
NO INCREASE TO EXISTING OCCUPANT LOAD
- PLUMBING FIXTURES**  
(BC 2902.1)  
NO CHANGES TO EXISTING PLUMBING FIXTURE COUNT
- TRAVEL DISTANCE**  
200 FEET: I-2 OCCUPANCY (BC 1017.2)
- COMMON PATH OF EGRESS TRAVEL**  
75 FEET: I-2 OCCUPANCY (BC 1006.2.1)
- DEAD-END CORRIDOR LENGTH**  
MAXIMUM DEAD-END CORRIDOR LENGTH NOT TO EXCEED 20' (BC 1020.5)
- INTERIOR WALL AND CEILING FINISHES**  
GROUP I-2 (BC TABLE 903.3.3)  
B EXIT ENCLOSURES AND PASSAGEWAYS  
B CORRIDORS  
B ROOMS AND ENCLOSED SPACES  
\*CLASS I INTERIOR FINISH PERMITTED IN ADMIN SPACES OR IN ROOMS WITH A CAPACITY OF 4 PERSONS.
- DECORATIONS AND TRIM**  
IN GROUP I-2, CURTAINS, DRAPERIES, FABRIC HANGINGS AND SIMILAR COMBUSTIBLE DECORATIVE MATERIALS SUSPENDED FROM WALLS OR CEILINGS SHALL COMPLY WITH BC 806.4 AND SHALL NOT EXCEED 10% OF THE SPECIFIC WALL OR CEILING AREA TO WHICH SUCH MATERIALS ARE ATTACHED (BC 806.2).
- INTERIOR FLOOR FINISHES**  
COMBUSTIBLE DECORATIVE MATERIALS SUSPENDED FROM WALLS OR CEILINGS SHALL BE IN ACCORDANCE WITH NFPA 701 (BC 806.4)
- SIGNAGE**  
TO BE INSTALLED IN ACCORDANCE WITH BC 804
- ACCESSIBILITY**  
TO BE PROVIDED IN ACCORDANCE WITH BC 1013 AND 1111:  
ACCESSIBILITY (BC CHAPTER 11 AND ICC A117.1)
- FIRE ALARM**  
REQUIRED (BC 907.2.6)  
FIRE ALARM AND DETECTION SYSTEMS PROVIDED PER CHAPTER 9
- DOOR ASSEMBLY RATING AND CONSTRUCTION**  
(BC TABLE 716.1(2))  
NO FIRE RATING REQUIREMENT FOR NON FIRE RATED WALLS PER TYPE I-B CONSTRUCTION. DOOR CONSTRUCTION SHALL BE IN ACCORDANCE WITH BC 407.3.1
- EGRESS WIDTH**  
(BC 1005.3.1 & 1006.3.2)
- ADDITIONAL REQUIREMENTS**  
ONE 2A10BC FIRE EXTINGUISHER FOR EVERY 1,500 S.F. SPACED WITH 75' TRAVEL DISTANCE MAXIMUM (BC TABLE 906.3(1))



**A1** LEVEL 3 CODE PLAN  
1/8" = 1'-0"



project:  
**McKay Dee  
 Cath Lab 4  
 Replacement**

McKay Dee Hospital  
 4401 Harrison Blvd  
 Ogden, UT 84403

project #: 24.0310  
 date: SEPT 27, 2024

revisions :

title:  
**CODE  
 ANALYSIS &  
 CODE PLANS**

sheet:

**G003**  
 CONSTRUCTION DOCUMENT

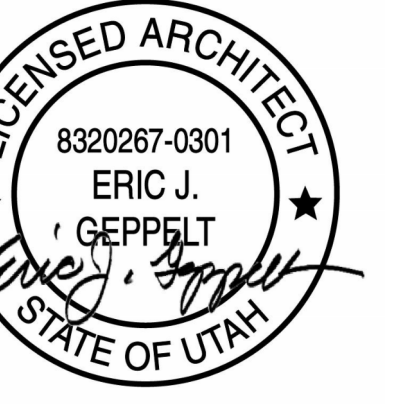






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801 532 4422

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project:

# McKay Dee Cath Lab 4 Replacement

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions:

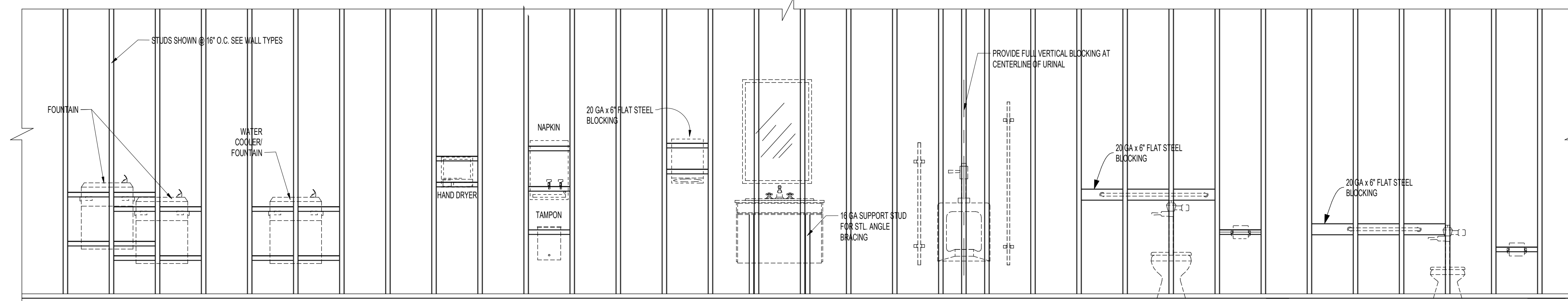
title:

## CODE REQUIRED SIGNAGE & DETAILS

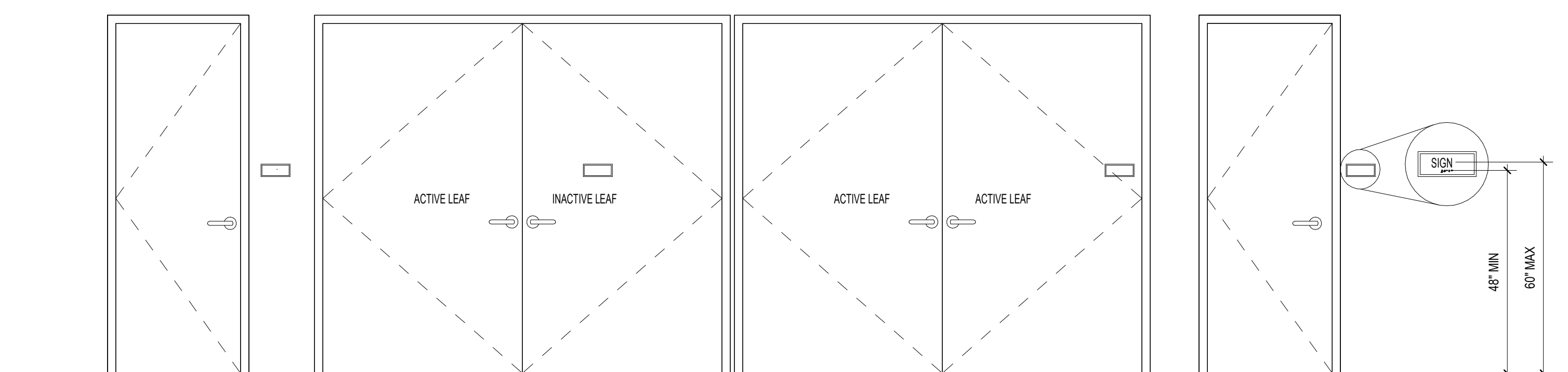
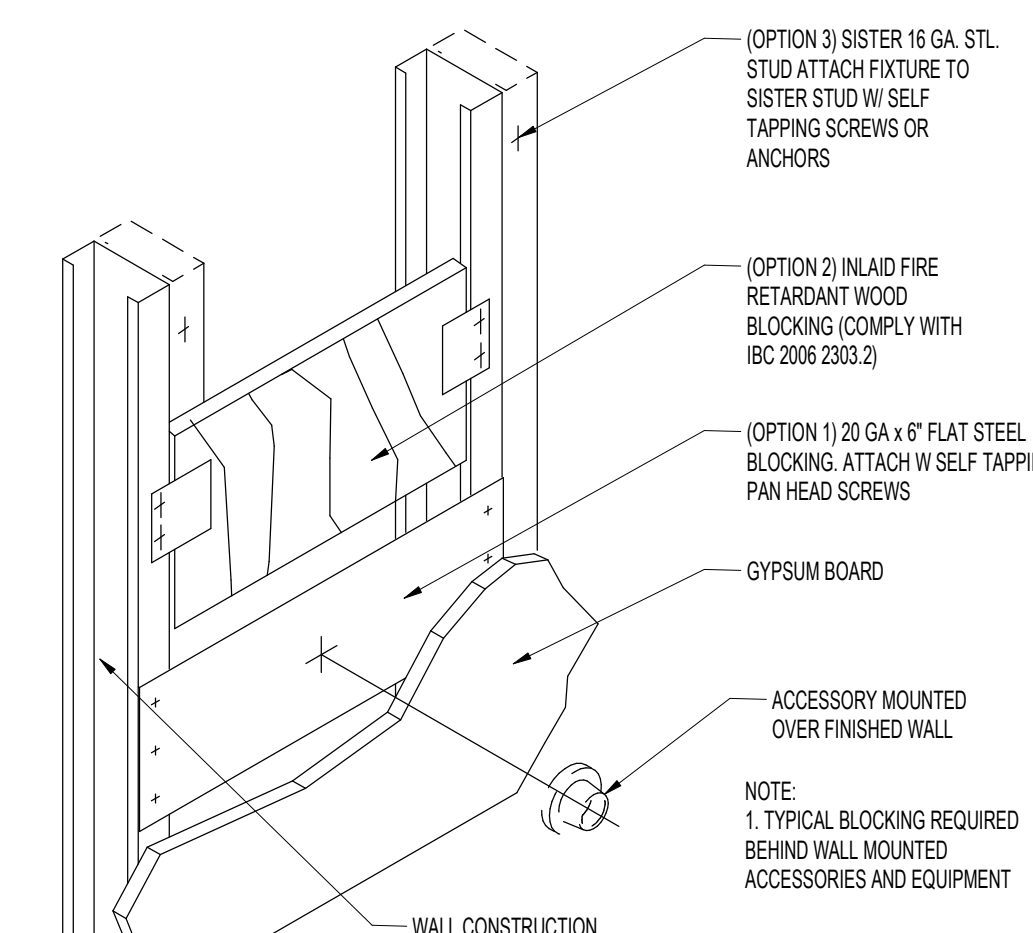
sheet:

# G015

CONSTRUCTION DOCUMENT



TYPICAL BLOCKING DETAILS

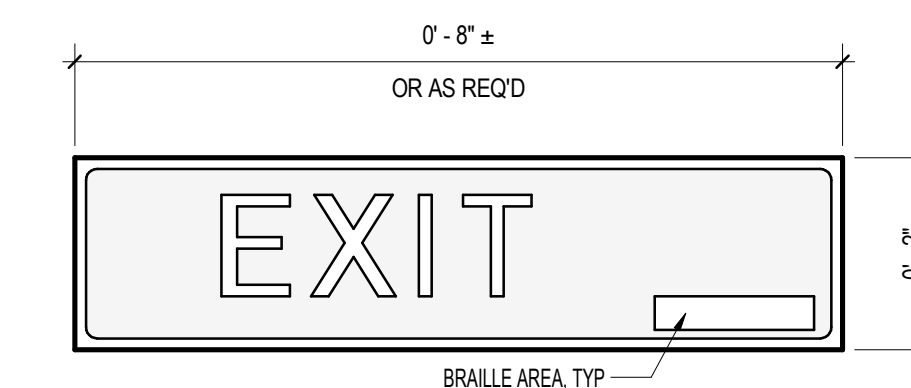


SIGNAGE LOCATIONS

SIGN HEIGHT ABOVE THE FLOOR. TACTILE CHARACTERS SHALL BE 48 INCHES MINIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER. (ICCANS 703.3.10)

SIGN LOCATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL. SIGNS SHALL BE ON THE NEAREST WALL BE LOCATED SO THAT A CLEAR FLOOR AREA IS INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF THE ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. (ICCANS 703.31)

NOTE:  
COLOR AS SELECTED BY ARCHITECT  
CHARACTER SIZE AND BRAILLE  
LOCATION PER ANSI A117.1, 04.7



EXIT SIGN

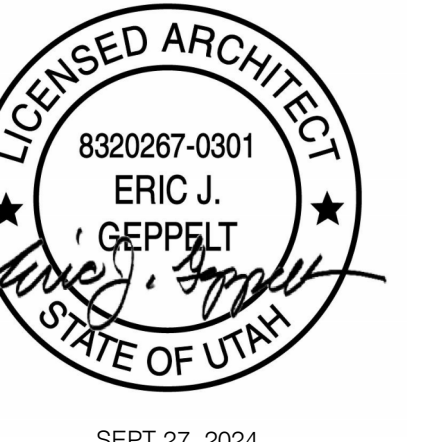
10/20/24 4:26:38 PM Autodesk Docs\McKay Dee Cath Lab 4 Replacement\24.0310\10 McKay Dee Cath Lab 4 Replacement.rvt





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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions :

title:  
**UL DESIGNS**

sheet:

**G100**

CONSTRUCTION DOCUMENT

UL/cUL SYSTEM NO. W-L-8085  
**MULTIPLE PENETRATING ITEMS THROUGH GYPSUM WALL ASSEMBLY**  
F-RATING = 1-HR. OR 2-HR.  
T-RATING = 0-HR. OR 3/4-HR.

**1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300, U400 OR V400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN) TO INCLUDE THE FOLLOWING CONSTRUCTION FEATURES :**  
**A. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER (SPACED MAXIMUM 16" OC), STEEL STUDS TO BE MINIMUM 3-1/2" WIDE (SPACED MAXIMUM 24" OC).**  
**B. NOMINAL 5/8" THICK GYPSUM WALLBOARD, TYPE, NUMBER OF LAYERS, AND SHEET ORIENTATION AS SPECIFIED IN THE INDIVIDUAL UL DESIGN.**  
**2. PENETRATING ITEMS TO BE ONE OF THE FOLLOWING (MAX. QTY. = 2) (ONLY ONE TO BE LARGER THAN 3/4" DIAMETER) :**  
**A. MAXIMUM 1" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 5 OR HEAVIER).**  
**B. MAXIMUM 1" NOMINAL DIAMETER CAST OR DUCTILE IRON PIPE.**  
**C. MAXIMUM 1" NOMINAL DIAMETER COPPER PIPE OR TUBING.**  
**3. MAXIMUM 3/4" THICK AB/PCV PIPE INSULATION INSTALLED ON ONE METALLIC PIPE.**  
**4. MAXIMUM 4 PAIR NO. 18 AWG THERMOSTAT CABLE WITH PVC JACKET.**  
**5. HILTI CP 653 (BA) SPEED SLEEVE [2" OR 4"] OR HILTI CFS-SL GA L SPEED SLEEVE [4"] SLID INTO AND CENTERED WITHIN WALL. DEVICE FLANGES SPUN CLOCKWISE ONTO DEVICE THREADS OVER SMOKE GASKET, BUTTING TIGHTLY TO BOTH SIDES OF WALL.**

**NOTES :**  
**1. MAXIMUM DIAMETER OF OPENING = 2-1/2" (FOR 2" DEVICE) OR 4-1/2" (FOR 4" DEVICE).**  
**2. HILTI CFS-SL GA L SPEED SLEEVE SHALL ONLY BE USED IN WALLS 8" THICK OR GREATER.**  
**3. ANNULAR SPACE BETWEEN DEVICE AND PERIPHERY OF OPENING = MINIMUM 0".**  
**4. ANNULAR SPACE BETWEEN PENETRATING ITEMS = 0".**  
**5. [OPTIONAL] AS AN ALTERNATE TO SMOKE GASKET, MINIMUM 1/2" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT OR HILTI CP 606 FLEXIBLE FIRESTOP SEALANT FLUSH WITH BOTH SURFACES OF WALL WITH AN ADDITIONAL 1/4" BEAD APPLIED AROUND PERIPHERY OF DEVICE PRIOR TO SECURING DEVICE FLANGES.**

**UL Solutions**  
Hilti Firestop Systems  
Saving Lives through Innovation and Education

HILTI, Inc.  
Plano, Texas USA (800) 879-8000

Sheet 1 of 1  
Scale 5/32" = 1"  
Date July 25, 2018

Drawing No. **WL 8085g**

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**UL Product IQ®**

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANS/UL 263 Certified for United States  
 BXUV7 - Fire Resistance Ratings - CAN/ULC-5101 Certified for Canada

See General Information for Fire Resistance Ratings - ANS/UL 263 Certified for United States  
 Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-5101 Certified for Canada  
 Design Criteria and Allowable Variances

**Design No. V435**

March 15, 2024

**Nonbearing Wall Ratings- 1 Hr.  
 STC Rating-52  
 L Rating at Ambient- Less than 1 CFM/Lin Ft.  
 L Rating at 400 F- Less than 1 CFM/Lin Ft.**

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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**2D. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1C, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2E. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1E, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2F. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 1 — For use with Item 1F, proprietary channel shaped runners, min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2G. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1H, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2H. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1I, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2I. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1J, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**IRONLINE METALS LLC** — Bantam Stud.

**3. Furring Channel** — Resilient 25 MSG galv steel furring channels installed on one side of wall and spaced vertically max 24 in. OC. Flange portion attached to floor and ceiling with fasteners spaced max 24 in. OC.

**4. Batts and Blankets\*** — Min 2.5 pcf density unfaced mineral wool batts supplied in 24 by 48 by 3 in. thick boards installed to completely fill each stud cavity.

**See Batts and Blankets\*** (BKV and/or BZJ2) categories for names of Classified companies.

**5. Gypsum Board\*** — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. LS01, GS12 or U305. Nom 5/8 in. thick, 4 ft wide. Screw attached to resilient furring channels on one side of wall with 1 in. long type S steel screws spaced 12 in. OC. On direct attached side, base layer screw attached to studs with 1in. long type S-12 steel screws spaced 16 in. OC and face layer screw attached to studs with 1-5/8 in. long type S-12 screws spaced 16 in. OC. Gypsum board joints oriented vertically, located over studs and offset between layers. Max gap at perimeter of partition is 3/16 in.

**AMERICAN GYPSUM CO** (View Classification) — CNXN.R14196

**BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO** (View Classification) — CNXN.R19374

**CABOT MANUFACTURING ULC** (View Classification) — CNXN.R25370

**CERTAINTEED GYPSUM INC** (View Classification) — CNXN.R3360

**CGC INC** (View Classification) — CNXN.R19751

**CERTAINTEED GYPSUM INC** (View Classification) — CNXN.R18482

**GEORGIA-PACIFIC GYPSUM L L C** (View Classification) — CNXN.R2717

**NATIONAL GYPSUM CO** (View Classification) — CNXN.R3501

**PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM** (View Classification) — CNXN.R7094

**PANEL REY S A** (View Classification) — CNXN.R21796

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** (View Classification) — CNXN.R19262

**THAI GYPSUM PRODUCTS PCL** (View Classification) — CNXN.R27517

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UL LISTING V435

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**1. Studs** — Channel-shaped, min 3-5/8 in. wide by 1-1/4 in. deep with 5/16 in. folded back return flange legs. Fabricated from No. 25 MSG galv steel. Max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

**1A. Framing Members\* — Steel Studs** — Not Shown — In lieu of Item 1 — For use with Item 2A, proprietary channel shaped steel studs, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Max stud spacing 24 in. OC. Studs cut 3/4 in. less in length than assembly height.

**CENCO, LLC** — Viper20™

**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper20™

**IMPERIAL MANUFACTURING GROUP INC** — Viper20™

**1B. Framing Members\* — Steel Studs** — Not Shown — In lieu of Item 1 — For use with Item 2B, channel shaped steel studs, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Max stud spacing 24 in. OC. Studs cut 3/4 in. less in length than assembly height.

**CLARKDIETRICH BUILDING SYSTEMS** — CD ProSTUD

**DMFCWBS L L C** — ProSTUD

**MBA METAL FRAMING** — ProSTUD

**RAM SALES L L C** — Ram ProTRAK

**STEEL STRUCTURAL PRODUCTS L L C** — Tri-S ProSTUD

**1C. Framing Members\* — Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 2C, proprietary channel shaped steel studs, min 3-5/8 in. wide. Max stud spacing 24 in. OC. Studs cut 3/4 in. less in length than assembly height.

**CENCO, LLC** — Viper25™

**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper25™

**IMPERIAL MANUFACTURING GROUP INC** — Viper25™

**1D. Framing Members\* — Steel Studs** — Not Shown — In lieu of Item 1 — For use with Item 2D, proprietary channel shaped steel studs, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Max stud spacing 24 in. OC. Studs cut 3/4 in. less in length than assembly height.

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**UNITED STATES GYPSUM CO** (View Classification) — CNXN.R1319

**USG BORAL DRYWALL SFZ LLC** (View Classification) — CNXN.R38438

**USG MEXICO S A DE C V** (View Classification) — CNXN.R16089

**5A. Gypsum Board\*** — (As an alternate to 5/8 in. Type FSW in Item 5) — Nom. 5/16 in. thick gypsum panels applied vertically. Two layers of 5/16 in. for every single layer of 5/8 in. gypsum board described in Item 5. Horizontal joints on the same side need not be staggered. Inner layer of each double 5/16 in. layer attached with fasteners, as described in Item 5, spaced 24 in. OC. Outer layer of each double 5/16 in. layer attached per Item 5.

**NATIONAL GYPSUM CO** — Type FSW

**6. Joint Tape and Compound** — (Not Shown) — Vinyl, dry or premixed joint compound, applied to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints. When used in conjunction with a suspended ceiling, joints and screw heads above ceiling shall be also be finished.

**7. Caulking and Sealants\*** — Nom 5/8 in. depth of sealant applied to fill max 3/16 in. wide gaps around the perimeter on both sides of partition for sound and smoke control. A nominal 1/4 in. diam bead of sealant shall be applied to cover intermittent point contact locations.

**SPECIFIED TECHNOLOGIES INC** — SpecSeal Smoke "N" Sound Sealant.

**6. Barrier Mesh** — (Optional, Not Shown) — Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.

**CLARKDIETRICH BUILDING SYSTEMS** — Barrier Mesh, Barrier Mesh Clips

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2024-03-15

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**2D. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1C, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2E. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1E, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2F. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 1 — For use with Item 1F, proprietary channel shaped runners, min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2G. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1H, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2H. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1I, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.

**2I. Framing Members\* — Floor and Ceiling Runners** — Not Shown — In lieu of Item 2 — For use with Item 1J, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**IRONLINE METALS LLC** — Bantam Stud.

**3. Furring Channel** — Resilient 25 MSG galv steel furring channels installed on one side of wall and spaced vertically max 24 in. OC. Flange portion attached to floor and ceiling with fasteners spaced max 24 in. OC.

**4. Batts and Blankets\*** — Min 2.5 pcf density unfaced mineral wool batts supplied in 24 by 48 by 3 in. thick boards installed to completely fill each stud cavity.

**See Batts and Blankets\*** (BKV and/or BZJ2) categories for names of Classified companies.

**5. Gypsum Board\*** — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. LS01, GS12 or U305. Nom 5/8 in. thick, 4 ft wide. Screw attached to resilient furring channels on one side of wall with 1 in. long type S steel screws spaced 12 in. OC. On direct attached side, base layer screw attached to studs with 1in. long type S-12 steel screws spaced 16 in. OC and face layer screw attached to studs with 1-5/8 in. long type S-12 screws spaced 16 in. OC. Gypsum board joints oriented vertically, located over studs and offset between layers. Max gap at perimeter of partition is 3/16 in.

**AMERICAN GYPSUM CO** (View Classification) — CNXN.R14196

**BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO** (View Classification) — CNXN.R19374

**CABOT MANUFACTURING ULC** (View Classification) — CNXN.R25370

**CERTAINTEED GYPSUM INC** (View Classification) — CNXN.R3360

**CGC INC** (View Classification) — CNXN.R19751

**CERTAINTEED GYPSUM INC** (View Classification) — CNXN.R18482

**GEORGIA-PACIFIC GYPSUM L L C** (View Classification) — CNXN.R2717

**NATIONAL GYPSUM CO** (View Classification) — CNXN.R3501

**PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM** (View Classification) — CNXN.R7094

**PANEL REY S A** (View Classification) — CNXN.R21796

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** (View Classification) — CNXN.R19262

**THAI GYPSUM PRODUCTS PCL** (View Classification) — CNXN.R27517

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UL LISTING W-L-8085

Autodesk Docs/McKay Dee Cath Lab 4 Replacement/24.0310/McKay Dee Cath Lab 4 Replacement.rvt





April 1, 2009  
 INTERMOUNTAIN MCKAY-DEE HOSPITAL  
 4401 Harrison Boulevard  
 Ogden, UT 84403

Attn: Tim Scalise  
 Jim Hoellen

Dear Mr. Scalise and Mr. Hoellen:

Enclosed, please find the calculations for the amount of shielding required in The Heart Institute for the Cardiac Cath Lab Rm 3A050 at McKay-Dee Hospital. The enclosed calculations are based on information you provided and current radiation protection operational guidelines with regards to X-ray patient workloads, etc. in NCRP Report No. 147.

Installing the specified required shielding will reduce the exposure to less than the UDRC required levels, i.e. 0.02 mGy/week (2 mrad/week) or 1 mGy/year (100 mrad/year) to members of the general public, and 0.1 mGy/week (10 mrad/week) or 5 mGy/year (500 mrad/year) to occupationally exposed employees. If there is existing lead, you can measure the existing thickness, verify the lead extends to a height of 7 feet, and subtract the existing thickness from the calculations. *Oftentimes it is beneficial from a cost and ease of construction aspect to overshield. In those situations, install the recommended shielding. A narrative description of the shielding requirements and recommendations follows.*

General Comments:

- Walls are to be constructed with leaded (Pb) drywall of specified thickness with the lead (Pb) extending from the floor to a height of at least seven feet. The screws/nails do NOT need to be capped with lead (Pb). All electrical outlets, switches, and other penetrations of all shielded walls are to be backed with the same thickness of lead (Pb) as the wall that they penetrate.
- The door and jamb are to be lined with the same thickness of lead (Pb) as the wall that they penetrate, unless specified otherwise. Be sure that the leaded doorframe overlaps the lead (Pb) in the gypsum drywall.
- All primary barriers, i.e. the mobile shields, the walls behind any wall mounted Bucky, and any other wall that the beam may be directed against clinically (generally, lateral views) must have a lead (Pb) equivalency of at least 1/16 inch.
- As part of the control booth wall the patient viewing window and window sill must have the same lead (Pb) equivalency as the wall that they penetrate. Be sure that the leaded windowsill overlaps the lead (Pb) in the gypsum drywall.

1-800-321-2207 Medical Physics Services 24/7

2309 Shelby Avenue, Ann Arbor, MI 48103 (734) 662-9224 Fax (734) 662-1197  
 70 E. 91st Street, Suite 106, Indianapolis, IN 46240 (317) 581-1810 Fax (317) 581-1911  
 4806 Mile High Drive, Salt Lake City, UT 84124 (801) 273-2952 Office & Fax (920) 885-9870  
 N7375 Crystal Ridge Drive, Beaver Dam, WI 53916 (920) 885-9872 Fax (920) 885-9870

www.mppphysics.com



Intermountain McKay-Dee Hospital  
 April 1, 2009 Page 2

As REQUIRED BY THE UTAH DIVISION OF RADIATION CONTROL RULE R313-28-32 PLAN REVIEW, YOU MUST SUBMIT A COPY OF THESE LETTERS AND SHIELDING CALCULATIONS TO THE EXECUTIVE SECRETARY WITHIN 14 WORKING DAYS. The address is as follows:  
 UTAH RADIATION CONTROL BOARD  
 Dana Finerick, Executive Secretary  
 168 North 1950 West  
 P.O. Box 144930  
 Salt Lake City, UT 84114-4850

You are required to keep a copy of these letters and shielding calculations on-site for as long as this Cardiac Cath Lab Rm 3A050 is in service.

**WORKLOAD**

For cardiac catheterization labs, a workload of 4800 mA-min/week was used in the following calculations as suggested by NCRP Report 147. This workload is reasonably accurate for a patient load of 30 procedures a week.

**CATH LAB 3A050 ROOM SHIELDING SPECIFICATIONS**

**North Wall – EKG Read:**

Required shielding: 1.31 mm lead (Pb) equivalence  
**Recommended shielding: 1.6 mm (1/16 in) lead (Pb) equivalence**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.0097 mGy/week, which is much less than the 0.02 mGy/week UDRC limit for an uncontrolled public area. The stated amount of preexisting shielding (1/8 in lead) will reduce the weekly exposure to 0.0003 mGy/week.

**East Wall – Cath Lab 3:**

Required shielding: 0.90 mm lead (Pb) equivalence  
**Recommended shielding: 1.6 mm (1/16 in) lead (Pb) equivalence**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.016 mGy/week, which is much less than the 0.1 mGy/week UDRC limit for a controlled area. The stated amount of preexisting shielding (1/8 in lead) will reduce the weekly exposure to 0.0003 mGy/week.

**South Wall – Control Booth:**

Required shielding: 0.64 mm lead (Pb) equivalence  
**Recommended shielding: 0.8 mm (1/32 in) lead (Pb) equivalence**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.06 mGy/week, which is much less than the 0.1 mGy/week UDRC limit for a controlled area. The stated amount of preexisting shielding (1/8 in lead) will reduce the weekly exposure to 0.0003 mGy/week.



Intermountain McKay-Dee Hospital  
 April 1, 2009 Page 3

**CATH LAB 3A050 ROOM SHIELDING SPECIFICATIONS, continued**

**West Wall – Hallway:**

Required shielding: 0.9 mm lead (Pb) equivalence  
**Recommended shielding: 1.6 mm (1/16 inch) lead**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.0032 mGy/week, which is much less than the 0.02 mGy/week UDRC limit for an uncontrolled public area. The stated amount of preexisting shielding (1/8 in lead) will reduce the weekly exposure to 0.0003 mGy/week.

**Control Booth:**

Required shielding: 0.64 mm lead (Pb) equivalence  
**Recommended shielding: 0.8 mm (1/32 in) lead (Pb) equivalence**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.06 mGy/week, which is much less than the 0.1 mGy/week UDRC limit for a controlled area. The stated amount of preexisting shielding (1/8 in lead) will reduce the weekly exposure to 0.0003 mGy/week.

**West Wall Door – Hallway:**

Required shielding: 0.52 mm lead (Pb) equivalence  
**Recommended shielding: 0.8 mm (1/32" inch) lead (Pb) door**

COMMENT: Installation of the recommended amount of shielding will reduce the weekly exposure to approximately 0.0079 mGy/week for a lead door which is much less than the 0.02 mGy/week UDRC limit for an uncontrolled public area.

**Floor:**

Required shielding: 0.90 mm lead (Pb) equivalence  
**Recommended shielding: No additional shielding is recommended**

COMMENT: The presence of the existing structure (3.5" of lightweight concrete and steel decking) meets the recommended shielding. The indicated concrete thickness and other attenuating materials will reduce the weekly exposure to approximately 0.002 mGy/week, which is much less than the 0.02 mGy/week UDRC limit for an uncontrolled public area. No additional shielding construction is needed.



Intermountain McKay-Dee Hospital  
 April 1, 2009 Page 4

**CATH LAB 3A050 ROOM SHIELDING SPECIFICATIONS, continued**

**Ceiling:**

Required shielding: 1.34 mm lead (Pb) equivalence  
**Recommended shielding: No additional shielding is recommended**

COMMENT: The presence of the existing structure (3.5" of lightweight concrete and steel decking) meets the recommended shielding. The indicated concrete thickness and other attenuating materials will reduce the weekly exposure to approximately 0.005 mGy/week, which is much less than the 0.02 mGy/week UDRC limit for an uncontrolled public area. No additional shielding construction is needed.

- A radiation transmission survey can be used to verify that the lead shielding has been installed satisfactorily.

If you have any questions regarding this report, or if I may be of any further assistance, please contact me at our office.

Sincerely,

Adam Arndt, M.S.  
 Medical Physicist

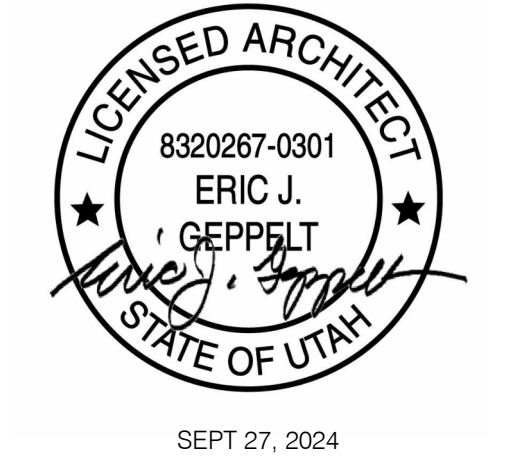
Enclosures

Cc: Richard Taylor



360 west aspen avenue  
 salt lake city, utah 84101  
 801 532 4422

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project:  
**McKay Dee  
 Cath Lab 4  
 Replacement**

McKay Dee Hospital  
 4401 Harrison Blvd  
 Ogden, UT 84403

project #: 24.0310  
 date: SEPT 27, 2024

revisions :

title:  
**LEAD  
 SHIELDING  
 REPORT**

sheet:

**G200**

CONSTRUCTION DOCUMENT



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: North - EKG Read	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.02 Public
Occupancy factor	100.0% Full occupancy
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	4.5 or 15 feet
Distance from chest tube to barrier (meters)	4.5 or 15 feet
Distance from table patient to barrier (meters)	4.5 or 15 feet
Distance from chest patient to barrier (meters)	4.5 or 15 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	5.63

Lead shielding needed: 1.31 mm or 1/16 inch  
 or Concrete shielding needed: 9.34 cm or 3.7 inches  
 Exposure behind 2.8 cm gypsum = 1.7895 mSv/week  
 Exposure behind 1.6 mm lead = 0.0032 mSv/week  
 Exposure behind 3.1 mm lead = 0.0003 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: Control Booth	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.10 Occupational
Occupancy factor	100.0% Full occupancy
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	5.34 or 18 feet
Distance from chest tube to barrier (meters)	5.34 or 18 feet
Distance from table patient to barrier (meters)	5.34 or 18 feet
Distance from chest patient to barrier (meters)	5.34 or 18 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	4.23

Lead shielding needed: 0.64 mm or 1/32 inch  
 or Concrete shielding needed: 5.09 cm or 2.0 inches  
 Exposure behind 2.8 cm gypsum = 1.3450 mSv/week  
 Exposure behind 0.8 mm lead = 0.0214 mSv/week  
 Exposure behind 3.1 mm lead = 0.0003 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: South - Control	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.10 Occupational
Occupancy factor	100.0% Full occupancy
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	5.34 or 18 feet
Distance from chest tube to barrier (meters)	5.34 or 18 feet
Distance from table patient to barrier (meters)	5.34 or 18 feet
Distance from chest patient to barrier (meters)	5.34 or 18 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	4.23

Lead shielding needed: 0.64 mm or 1/32 inch  
 or Concrete shielding needed: 5.09 cm or 2.0 inches  
 Exposure behind 2.8 cm gypsum = 1.3450 mSv/week  
 Exposure behind 0.8 mm lead = 0.0214 mSv/week  
 Exposure behind 3.1 mm lead = 0.0003 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: Floor	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.02 Public
Occupancy factor	20.0% Corridors, Patient Rooms, Lounge, etc
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	3.6 or 12 feet
Distance from chest tube to barrier (meters)	3.6 or 12 feet
Distance from table patient to barrier (meters)	3.6 or 12 feet
Distance from chest patient to barrier (meters)	3.6 or 12 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	9.31

Lead shielding needed: 0.90 mm or 1/16 inch  
 or Concrete shielding needed: 6.76 cm or 2.7 inches  
 Exposure behind 2.8 cm gypsum = 0.5919 mSv/week  
 Exposure behind 1.6 mm lead = 0.0032 mSv/week  
 Exposure behind 7.0 cm concrete = 0.0180 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: Doorway	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.02 Public
Occupancy factor	12.5% Doorway, etc.
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	5.25 or 18 feet
Distance from chest tube to barrier (meters)	5.25 or 18 feet
Distance from table patient to barrier (meters)	5.25 or 18 feet
Distance from chest patient to barrier (meters)	5.25 or 18 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	4.38

Lead shielding needed: 0.52 mm or 1/32 inch  
 or Steel shielding needed: 3.82 mm or 0.2 inches  
 Exposure behind 2.8 cm gypsum = 0.1239 mSv/week  
 Exposure behind 0.8 mm lead = 0.0032 mSv/week  
 Exposure behind 2.8 mm steel = 0.0025 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: West - Hallway	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.02 Public
Occupancy factor	20.0% Corridors, Patient Rooms, Lounge, etc
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	3.6 or 12 feet
Distance from chest tube to barrier (meters)	3.6 or 12 feet
Distance from table patient to barrier (meters)	3.6 or 12 feet
Distance from chest patient to barrier (meters)	3.6 or 12 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	9.31

Lead shielding needed: 0.90 mm or 1/16 inch  
 or Concrete shielding needed: 6.76 cm or 2.7 inches  
 Exposure behind 2.8 cm gypsum = 0.5919 mSv/week  
 Exposure behind 1.6 mm lead = 0.0032 mSv/week  
 Exposure behind 3.1 mm lead = 0.0003 mSv/week



4/7/2009  
 RAD/FLUORO SHIELDING CALCULATIONS

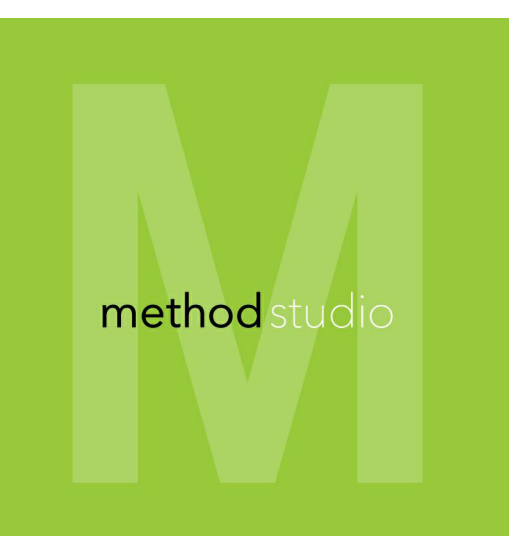
FACILITY: Intermountain McKay Dee Hospital	ROOM: CCL-4
BARRIER: Ceiling	Workload Type: CVL
Desired Radiation Level (mSv per week)	0.02 Public
Occupancy factor	100.0% Full occupancy
Workload (table) in mA min per week	0
Workload (chest) in mA min per week	0
Workload (fluoro) in mA min per week	4800
Distance from table tube to barrier (meters)	4.5 or 15 feet
Distance from chest tube to barrier (meters)	4.5 or 15 feet
Distance from table patient to barrier (meters)	4.5 or 15 feet
Distance from chest patient to barrier (meters)	4.5 or 15 feet
Fluoro Field Size (sq cm)	730
% of table workload that is Primary	0% Scatter Only
% of chest workload that is Primary	0% Scatter Only
Total Radiation incident on barrier (mGy)	5.96

Lead shielding needed: 1.34 mm or 1/16 inch  
 or Concrete shielding needed: 9.47 cm or 3.7 inches  
 Exposure behind 2.8 cm gypsum = 1.6943 mSv/week  
 Exposure behind 1.6 mm lead = 0.0032 mSv/week  
 Exposure behind 7.0 cm concrete = 0.0575 mSv/week



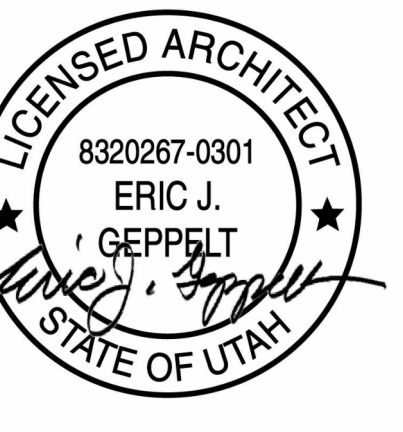
**GENERAL NOTES - DEMO**

- 1 GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS, MATERIALS, FINISHES, AND DIMENSIONS BEFORE AND AFTER DEMOLITION, AND TO CONTACT THE ARCHITECT WITH ANY UNFORESEEN CONDITIONS
- 2 GENERAL CONTRACTOR SHALL PROTECT EXISTING STRUCTURE/ASSEMBLIES/EQUIPMENT AS REQUIRED; REPAIR, PATCH AND/OR REPLACE EXISTING CONSTRUCTED ITEMS AND EQUIPMENT THAT ARE TO REMAIN AS REQUIRED FOR NEW CONSTRUCTION
- 3 GENERAL CONTRACTOR SHALL PATCH AND REPAIR TO MATCH EXISTING FINISHES AT WALLS, FLOORS, CEILING/SOFFITS, ETC., AS REQUIRED IN AREAS NOT SPECIFICALLY CALLED OUT IN THE DRAWINGS BUT ARE IMPACTED BY CONSTRUCTION
- 4 REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION COORDINATION
- 5 GENERAL CONTRACTOR SHALL PROVIDE A 4 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO DECK ABOVE TO ENSURE THAT ALL CORRIDORS OUTSIDE OF CONSTRUCTION AREA ARE KEPT CLEAN AND CLEAR OF DEBRIS AND OBSTRUCTIONS AT ALL TIMES. DUST BARRIER SHALL BE SEALED AIR TIGHT IN ALL PHASED AREAS OF CONSTRUCTION
- 6 UPON COMPLETION OF CONSTRUCTION IN EACH PHASE IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO THOROUGHLY CLEAN ALL AREAS IN WHICH CONSTRUCTION TOOK PLACE AND AREAS IMPACTED BY CONSTRUCTION. THE GENERAL CONTRACTOR SHALL CLEAN ALL CARPET, REMOVE ALL DUST, CLEAN DOORS AND FRAMES, LIGHT FIXTURES, CEILING SYSTEMS, MECHANICAL GRILLES, ELECTRICAL PANELS, WINDOW SYSTEMS, GLAZING, ETC.
- 7 GENERAL CONTRACTOR TO KEEP AN ACTIVE PEDESTRIAN PATHWAY TO AND AT EGRESS ROUTES FREE OF OBSTRUCTIONS AT ALL TIMES. CONTRACTOR TO PROVIDE PROTECTION TO PEDESTRIANS BEFORE DEMOLITION (IBC 3303)
- 8 GENERAL CONTRACTOR TO MAINTAIN EXITS, EXISTING STRUCTURAL ELEMENTS, APPLIED FIREPROOFING PROTECTION DEVICES, AND SANITARY SAFEGUARDS AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION
- 9 GREEN HATCH INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT EXISTING WALL WHERE BARRIER ATTACHES AFTER REMOVAL OF BARRIER. PROVIDE STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER AND INTERMOUNTAIN ICA FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- 10 CONTRACTOR TO COORDINATE LEAD SHELDING WITH MPC AND INTERMOUNTAIN HEALTH PHYSICIST PRIOR TO COVERING WALLS DURING CONSTRUCTION
- 11 GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS, OR CONFLICTS IN THE DRAWINGS BEFORE BEGINNING WORK
- 12 REFER TO MANUF. EQUIPMENT PLANS FOR IMAGING EQUIPMENT AND OTHER MSC. EQUIPMENT
- 13 CONTRACTOR TO COORDINATE WITH OWNER FOR EQUIPMENT NOT NOTED IN SIEMENS AND SKYTRON EQUIPMENT PLANS
- 14 REFER TO MANUF. REQUIREMENTS FOR EQUIPMENT REMOVAL



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salt lake city, utah 84101  
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SEPT 27, 2024

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

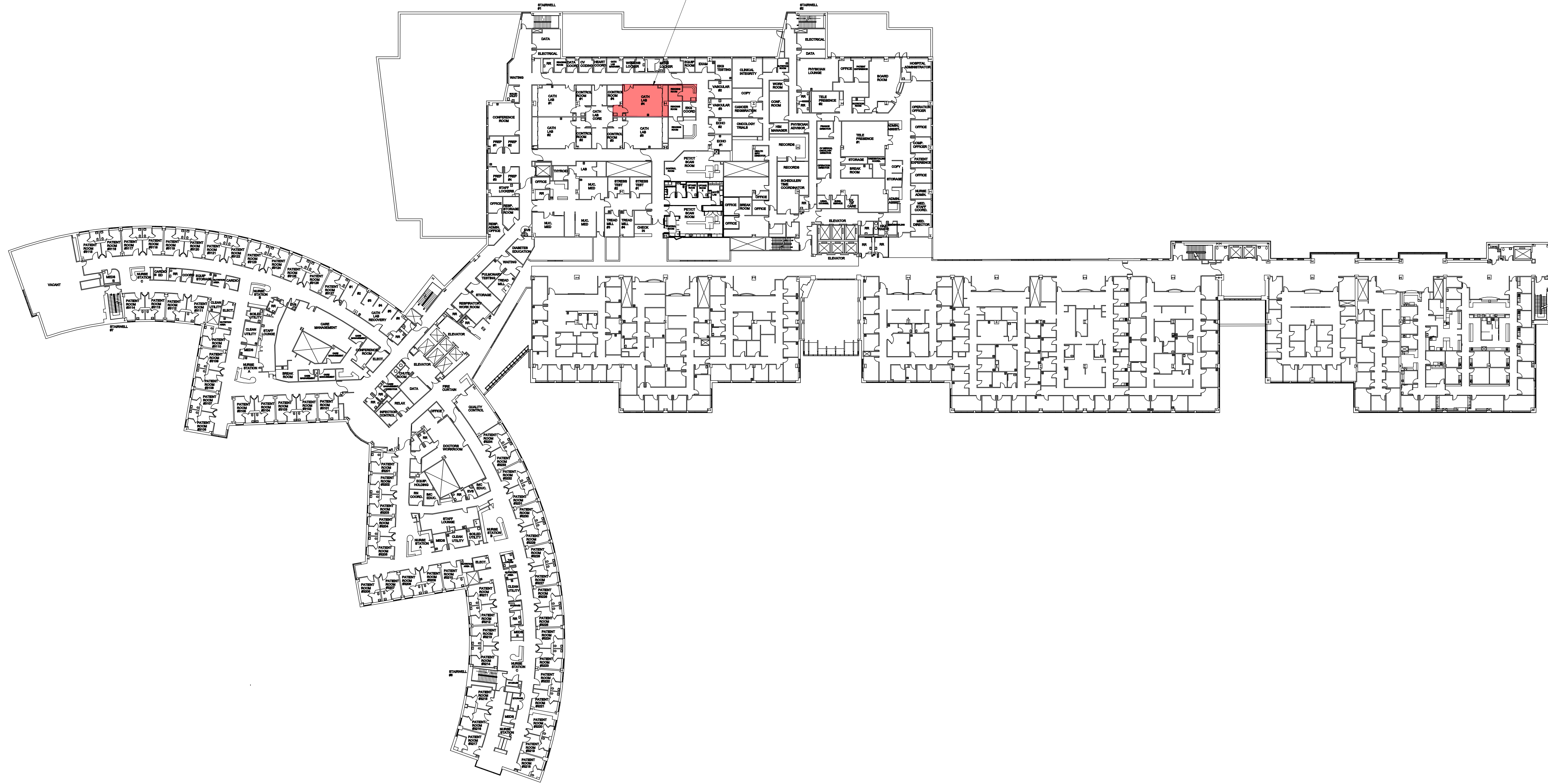
project #: 24.0310  
date: SEPT 27, 2024  
revisions :

title:  
**CONTEXT  
PLAN**

sheet:  
**A001**

CONSTRUCTION DOCUMENT

PROJECT LOCATION



**A1** MCKAY DEE HOSPITAL LEVEL 3 CONTEXT PLAN  
12" = 1'-0"

n o r t h

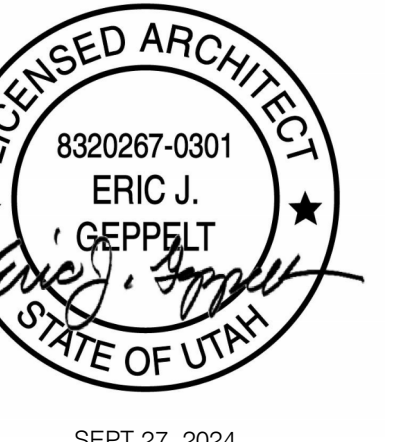
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SEPT 27, 2024

### GENERAL NOTES - DEMO

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS, MATERIALS, FINISHES, AND DIMENSIONS BEFORE AND AFTER DEMOLITION, AND TO CONTACT THE ARCHITECT WITH ANY UNFORESEEN CONDITIONS
- GENERAL CONTRACTOR SHALL PROTECT EXISTING STRUCTURE/ASSEMBLIES/EQUIPMENT AS REQUIRED. REPAIR, PATCH AND/OR REPLACE EXISTING CONSTRUCTED ITEMS AND EQUIPMENT THAT ARE TO REMAIN AS REQUIRED FOR NEW CONSTRUCTION
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- REFER TO MANUF. REQUIREMENTS FOR EQUIPMENT REMOVAL

### DEMOLITION LEGEND

- EXISTING WALLS TO REMAIN, REFER TO DEMOLITION PLANS FOR REMOVAL OF EXISTING WALLS
- ITEMS TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- ICRA BARRIER, CONTRACTOR TO COORDINATE LOCATION WITH OWNER
- SCOPE OF WORK

### KEYED NOTES

- 02.00.01 LEVEL 02 SCOPE OF WORK, SHOWN IN RED DASHED LINES
- 02.00.06 CONTRACTOR TO PATCH AND REPAIR EXISTING AFFECTED AREAS ON LEVEL 2 AS NECESSARY PER CONSTRUCTION ON LEVEL 3. MATCH EXISTING FINISHES.

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**McKay Dee  
Cath Lab 4  
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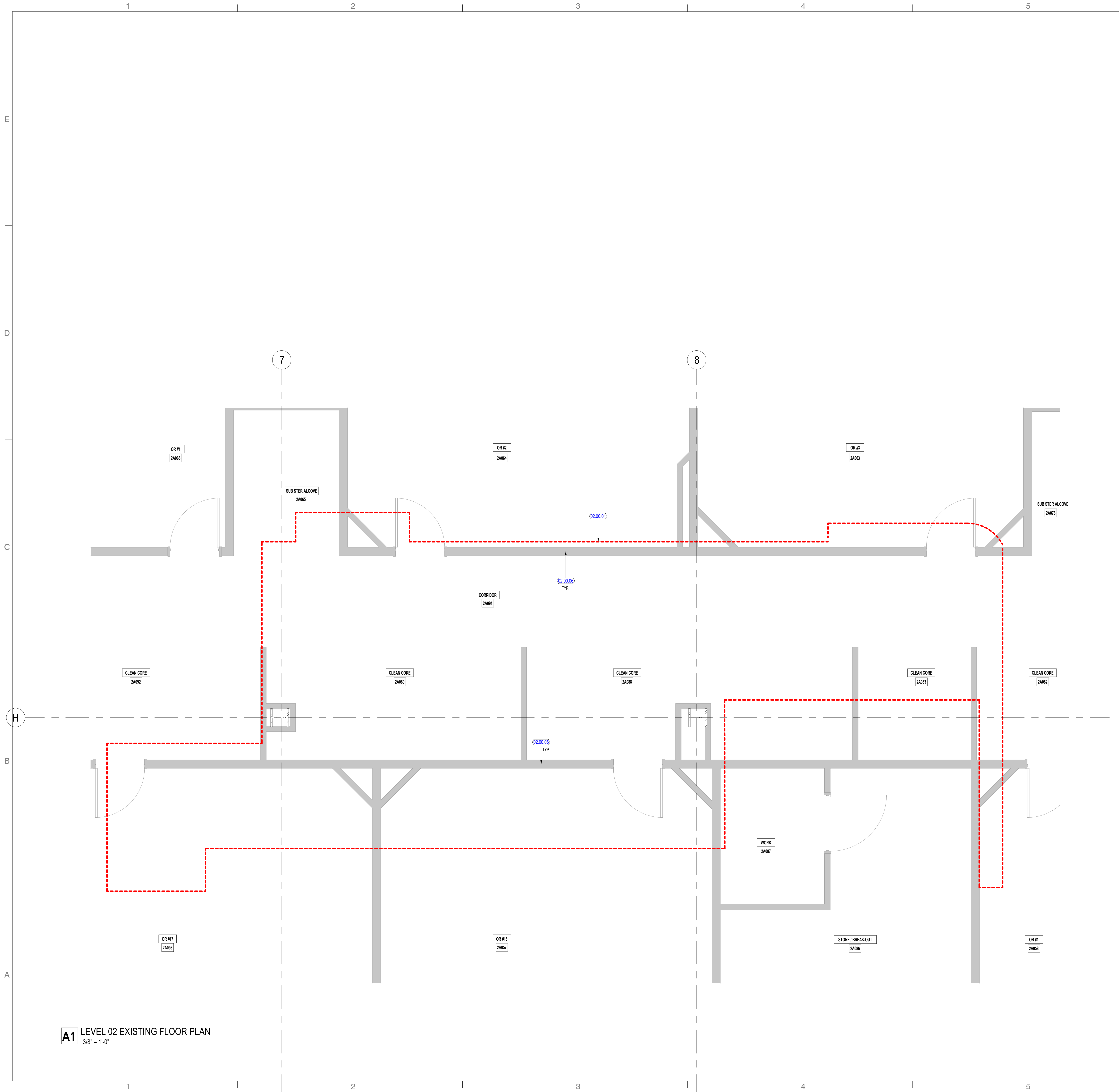
revisions :

title:  
**LEVEL 2  
EXISTING  
FLOOR PLAN**

sheet:

**D102**

CONSTRUCTION DOCUMENT



**A1** LEVEL 02 EXISTING FLOOR PLAN  
3/8" = 1'-0"

10/20/2024 4:35:51 PM Autodesk Docs\McKay Dee Cath Lab 4 Replacement\24.0310\McKay Dee Cath Lab 4 Replacement.rvt



1 2 3 4 5 6

### GENERAL NOTES - DEMO

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- REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION COORDINATION
- GENERAL CONTRACTOR SHALL PROVIDE A MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO DECK ABOVE TO ENSURE THAT ALL CORRIDORS OUTSIDE OF CONSTRUCTION AREA ARE KEPT CLEAN AND CLEAR OF DEBRIS AND OBSTRUCTIONS AT ALL TIMES. DUST BARRIER SHALL BE SEALED AIR TIGHT IN ALL PHASED AREAS OF CONSTRUCTION
- UPON COMPLETION OF CONSTRUCTION IN EACH PHASE IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY CLEAN ALL AREAS IN WHICH CONSTRUCTION TOOK PLACE AND AREAS IMPACTED BY CONSTRUCTION. THE GENERAL CONTRACTOR SHALL CLEAN ALL CARPET, REMOVE ALL DUST, CLEAN DOORS AND FRAMES, LIGHT FIXTURES, CEILING SYSTEMS, MECHANICAL GRILLES, ELECTRICAL PANELS, WINDOW SYSTEMS, GLAZING, ETC.,
- GENERAL CONTRACTOR TO KEEP AN ACTIVE PEDESTRIAN PATHWAY TO AND AT EGRESS ROUTES FREE OF OBSTRUCTIONS AT ALL TIMES. CONTRACTOR TO PROVIDE PROTECTION TO PEDESTRIANS BEFORE DEMOLITION (IBC 303)
- GENERAL CONTRACTOR TO MAINTAIN EXITS, EXISTING STRUCTURAL ELEMENTS, APPLIED FIREPROOFING PROTECTION DEVICES, AND SANITARY SAFEGUARDS AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION
- GREEN HATCH INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT EXISTING WALL WHERE BARRIER ATTACHES AFTER REMOVAL OF BARRIER. PROVIDE STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER AND INTERMOUNTAIN ICR FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- CONTRACTOR TO COORDINATE LEAD SHIELDING WITH MPC AND INTERMOUNTAIN HEALTH PHYSICIST PRIOR TO COVERING WALLS DURING CONSTRUCTION
- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS, OR CONFLICTS IN THE DRAWINGS BEFORE BEGINNING WORK
- REFER TO MANUF. EQUIPMENT PLANS FOR IMAGING EQUIPMENT AND OTHER MISC. EQUIPMENT
- CONTRACTOR TO COORDINATE WITH OWNER FOR EQUIPMENT NOT NOTED IN SIEMENS AND SKYTRON EQUIPMENT PLANS
- REFER TO MANUF. REQUIREMENTS FOR EQUIPMENT REMOVAL

### DEMOLITION LEGEND

- EXISTING WALLS TO REMAIN, REFER TO DEMOLITION PLANS FOR REMOVAL OF EXISTING WALLS
- ITEMS TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- ICRA BARRIER, CONTRACTOR TO COORDINATE LOCATION WITH OWNER
- SCOPE OF WORK

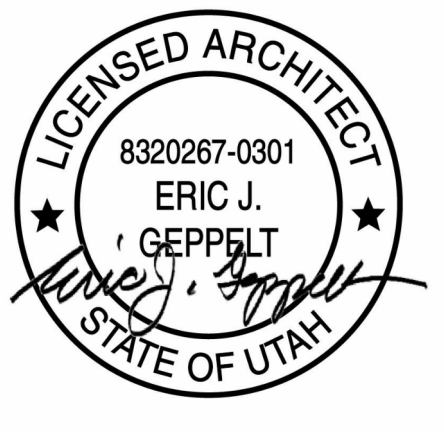
### KEYED NOTES

- 02.00.01 LEVEL 03 SCOPE OF WORK, SHOWN IN RED DASHED LINES
- 02.00.03 ICRA BARRIER LOCATION, CONTRACTOR TO COORDINATE WITH OWNER
- 02.00.04 ICRA BARRIER LOCATION, CONTRACTOR TO COORDINATE WITH OWNER FOR ICRA BARRIER LOCATION. RE: FINISH SCHEDULE
- 02.00.05 EXISTING PNEUMATIC TUBE STATION TO REMAIN ACCESSIBLE DURING CONSTRUCTION, CONTRACTOR TO COORDINATE TEMPORARY SHUT DOWN DUE TO CONSTRUCTION WITH THE OWNER
- 02.00.01 EXISTING WALL AND FRAMING TO BE DEMOLISHED FOR NEW CONSTRUCTION, RE: D100s FOR EXTENTS
- 02.02.02 EXISTING WALL AND FRAMING TO REMAIN, REMOVE PORTIONS AS NOTED IN DEMO INTERIOR ELEVATIONS, CONTRACTOR TO PROTECT WALL AND FRAMING DURING CONSTRUCTION, RE: INTERIOR ELEVATIONS
- 02.06.01 EXISTING MILLWORK TO BE REMOVED
- 02.06.01 EXISTING DOOR AND FRAME TO BE REMOVED
- 02.08.02 EXISTING DOOR FRAME TO REMAIN, EXISTING LEAD DOOR TO BE REMOVED, CONTRACTOR TO PROTECT DOOR FRAME DURING CONSTRUCTION, RE: DOOR SCHEDULE
- 02.08.03 EXISTING LEAD WINDOW TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
- 02.10.01 EXISTING LOCKERS TO BE REMOVED
- 02.10.02 EXISTING COMPUTER CHAIR TO BE REMOVED AND SALVAGED TO OWNER
- 02.10.03 EXISTING DESKTOP COMPUTER TO BE REMOVED AND SALVAGED TO OWNER
- 02.10.04 EXISTING SHREDDER TO BE REMOVED AND SALVAGE TO THE OWNER
- 02.10.05 EXISTING WALL MOUNT WORKSTATION EXTENSION ARM TO BE REMOVED AND SALVAGED TO THE OWNER
- 02.10.06 EXISTING SURGICAL UNIT EQUIPMENT AND CART TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION AND COORDINATE NEW LOCATION WITH OWNER, RE: A400s FOR NEW LOCATION
- 02.10.07 EXISTING TV POLE TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.08 EXISTING PROTECTIVE SHIELD TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.09 EXISTING BIO WASTE CONTAINER TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
- 02.10.10 EXISTING SUPPLY CART TO BE REMOVED AND REINSTALLED IN NEW LOCATION, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.11 EXISTING ARM TO BE REMOVED AND REINSTALLED IN NEW LOCATION, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.12 EXISTING WIRE SHELVING UNIT TO BE REMOVED AND REINSTALLED IN NEW LOCATION, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.13 EXISTING DESKTOP COMPUTER TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.10.17 EXISTING ROUND WASTE BIN TO BE REMOVED
- 02.10.48 EXISTING LEAD APRON RACK TO BE REMOVED AND REINSTALLED IN CATH LAB CORE, CONTRACTOR TO COORDINATE NEW LOCATION WITH OWNER
- 02.10.49 EXISTING MAYO STAND TO BE REMOVED AND REINSTALLED, RE: A400s FOR NEW LOCATION
- 02.11.01 EXISTING MINI REFRIGERATOR TO BE REMOVED AND SALVAGED TO OWNER
- 02.11.02 EXISTING SINK TO BE REMOVED, RE: PLUMBING SCHEDULE
- 02.11.04 EXISTING DESKTOP PC AND WORK SURFACE IN CONTROL ROOM TO BE REMOVED, COORDINATE WITH SIEMENS, RE: EQUIP. PLAN
- 02.11.05 EXISTING EXCIMER LASER SYSTEM IN CLOSET TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION, RE: A400s FOR NEW LOCATION
- 02.11.06 EXISTING SIEMENS EQUIPMENT TO BE REMOVED PER MFR. REQUIREMENTS, COORDINATE WITH SIEMENS
- 02.11.07 EXISTING CATH LAB EQUIPMENT TO BE REMOVED AND REINSTALLED, CONTRACTOR TO PROTECT DURING CONSTRUCTION AND COORDINATE LOCATION WITH OWNER
- 02.11.11 EXISTING VITALS MONITOR TO BE REMOVED AND REINSTALLED, COORDINATE LOCATION WITH OWNER, RE: A400s FOR NEW LOCATION
- 02.11.19 EXISTING LAUNDRY HAMPER TO BE REMOVED AND REINSTALLED, COORDINATE LOCATION WITH OWNER, RE: A400s FOR NEW LOCATION



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SEPT 27, 2024

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

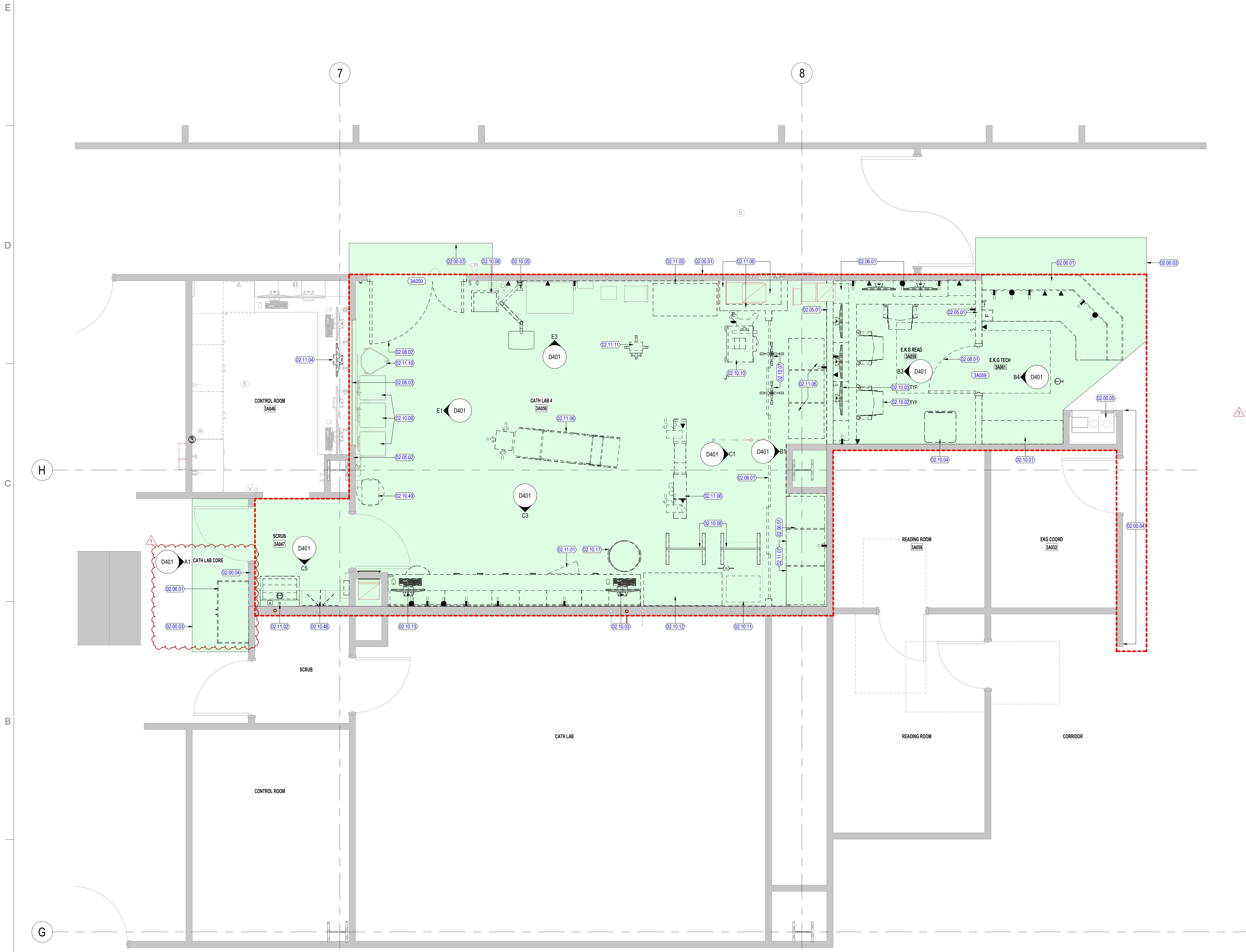
project #: 24 0310  
date: SEPT 27, 2024

revisions :  
1 Addendum 1 - Cath Lab Core 10/07/2024  
Mllwork

title:  
**LEVEL 3  
DEMO PLAN**

sheet:  
**D103**

CONSTRUCTION DOCUMENT



**A1** LEVEL 3 DEMOLITION PLAN  
3/8" = 1'-0"

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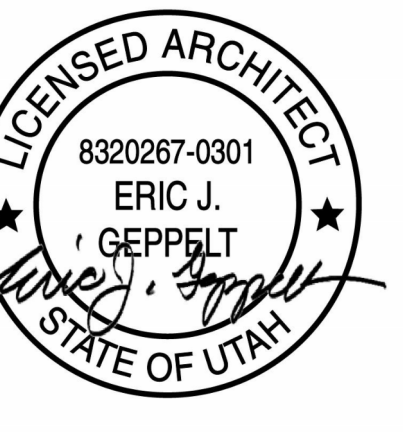
### GENERAL NOTES - DEMO

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- GENERAL CONTRACTOR SHALL PROTECT EXISTING STRUCTURE/ASSEMBLIES/EQUIPMENT AS REQUIRED, REPAIR, PATCH AND/OR REPLACE EXISTING CONSTRUCTED ITEMS AND EQUIPMENT THAT ARE TO REMAIN AS REQUIRED FOR NEW CONSTRUCTION
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- GENERAL CONTRACTOR TO KEEP AN ACTIVE PEDESTRIAN PATHWAY TO AND AT EGRESS ROUTES FREE OF OBSTRUCTIONS AT ALL TIMES. CONTRACTOR TO PROVIDE PROTECTION TO PEDESTRIANS BEFORE DEMOLITION (IBC 3033)
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### EXISTING CEILING LEGEND

- EXISTING 2' x 2' LAY-IN ACOUSTICAL TILE & SUSPENSION SYSTEM
- EXISTING 5/8" GYPSUM BOARD
- SUPPLY DIFFUSER, SEE MECHANICAL
- RETURN GRILLE, SEE MECHANICAL
- ROUND SURFACE DECO LIGHT, SEE ELECTRICAL
- 2x4 LIGHT FIXTURE, SEE ELECTRICAL
- 1x4 LIGHT FIXTURE, SEE ELECTRICAL
- RECESSED LIGHT FIXTURE, SEE ELECTRICAL

### KEYED NOTES

- 02.00.01 LEVEL 03 SCOPE OF WORK, SHOWN IN RED DASHED LINES
- 02.00.07 CONTRACTOR TO PATCH AND REPAIR EXISTING CEILING SURFACES ON LEVEL 2 AS NECESSARY PER CONSTRUCTION ON LEVEL 3. MATCH EXISTING CEILING FINISHES.

project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

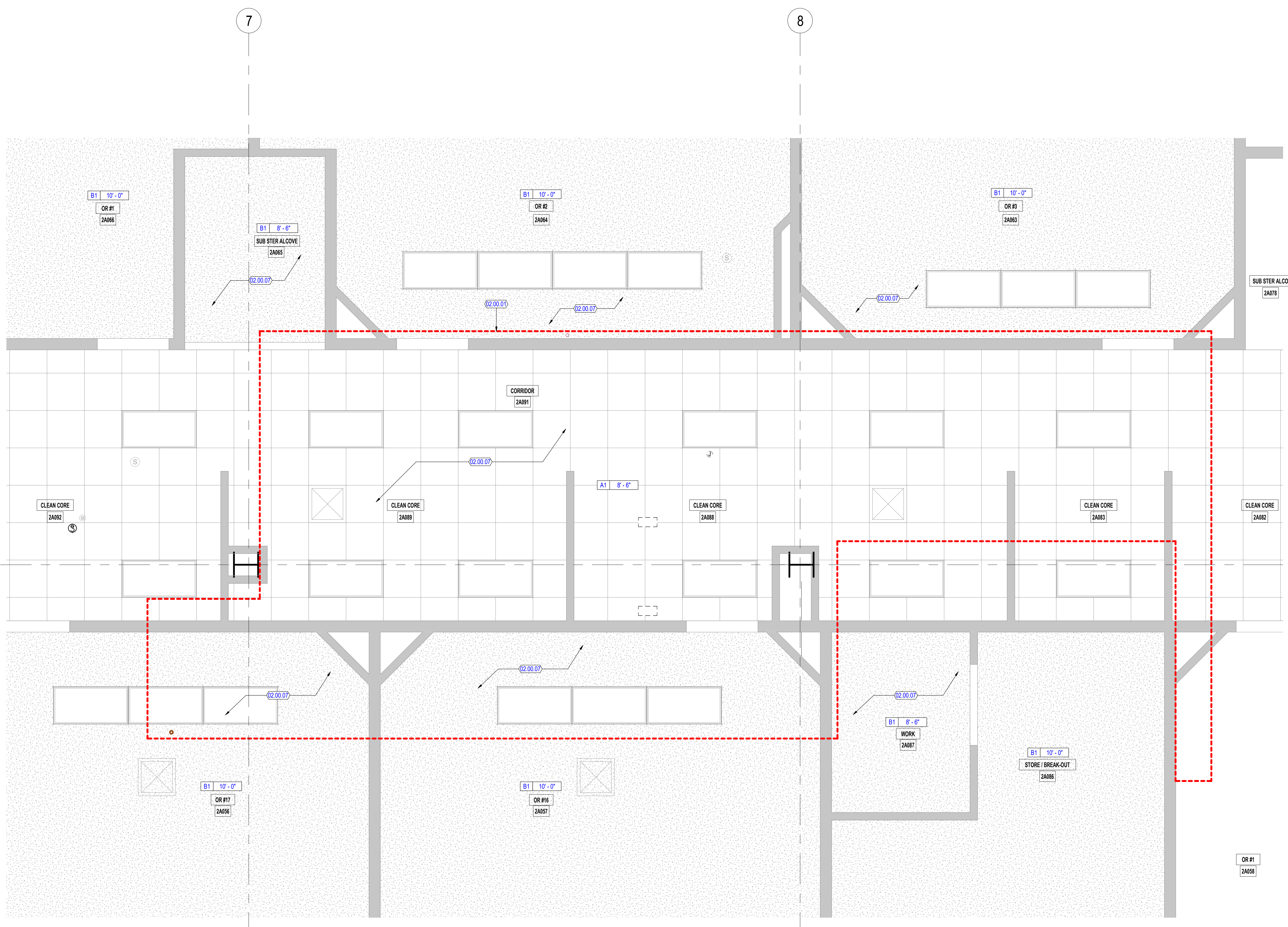
revisions :

title:  
**LEVEL 2  
EXISTING  
RCP**

sheet:

# D132

CONSTRUCTION DOCUMENT



**A1** LEVEL 2 EXISTING RCP  
3/8" = 1'-0"

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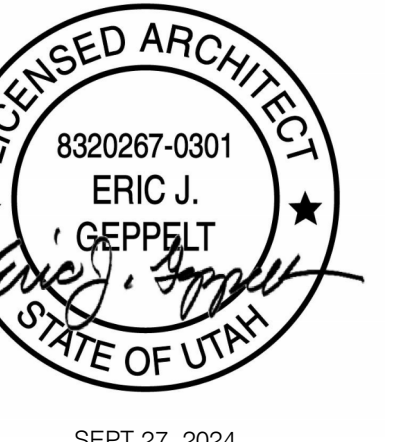
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### GENERAL NOTES - CEILING

- VERIFY AND COORDINATE ALL MECHANICAL DUCT, GRILL, DIFFUSER & LOCATIONS, VENTS, AND QUANTITY WITH MECHANICAL PLANS
- CEILING GRID SHOWN IS ONLY A GRAPHIC REPRESENTATION OF CEILING. CEILING PATTERN IS TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY ACTUAL GRID LAYOUT/LOCATION
- VERIFY ALL LIGHTS, SMOKE DETECTORS, AND EXIT DEVICE LOCATIONS AND QUANTITIES WITH ELECTRICAL DRAWINGS. SEE ARCHITECTURE FOR LIGHT LAYOUT LOCATION. LIGHT FIXTURES TO BE CENTERED AND SYMMETRICALLY LOCATED IN UNITS AND SHARED SPACES UNLESS NOTED OTHERWISE
- MAKE FACTORY EDGE WHERE TILE IS CUT TYPICAL FOR ALL LAY-IN ACOUSTICAL TILE WITH REGULAR EDGE
- SEE SHEET SERIES A700 FOR FINISH MATERIAL SPECIFICATIONS
- VERIFY CEILING HEIGHTS IN UNITS WITH SHEET SERIES A800. CONTRACTOR TO VERIFY AND MAXIMIZE CEILING HEIGHT IN ALL AREAS DEPENDENT ON DUCTWORK LOCATIONS
- ELECTRICIAN SHALL NOT SET ANY CEILING J-BOXES THAT ARE FOR LIGHTS BEFORE THE FINAL LOCATION OF THE DROPPED SOFFITS HAVE BEEN DETERMINED. THIS WILL ENSURE THAT THE LIGHTS THAT NEED TO BE CENTERED ARE CORRECTLY CENTERED BETWEEN THE SOFFITS
- ALL DIMENSIONS ARE TO THE FACE OF METAL WOOD STUD FRAMED WALLS OR TO THE FACE OF CONCRETE/MASONRY WALLS AS SHOWN, UNLESS NOTED OTHERWISE

### DEMOLITION CEILING LEGEND

NOTE:  
ALL DROPS NEED TO BE NON-COMBUSTIBLE METAL FRAMING OR LIGHT GAUGE METAL FRAMING AND MEET L300 STANDARD FOR ALLOWABLE DEFLECTION.

- EXISTING 2' x 2' LAY-IN ACOUSTICAL TILE & SUSPENSION SYSTEM
- DEMO 2' x 2' LAY-IN ACOUSTICAL TILE & SUSPENSION SYSTEM
- DEMO 5/8" GYPSUM BOARD
- SUPPLY DIFFUSER, SEE MECHANICAL
- RETURN GRILLE, SEE MECHANICAL
- ROUND SURFACE DECO LIGHT, SEE ELECTRICAL
- 2x4" LIGHT FIXTURE, SEE ELECTRICAL
- 1x4" LIGHT FIXTURE, SEE ELECTRICAL
- RECESSED LIGHT FIXTURE, SEE ELECTRICAL

### KEYED NOTES

02.10.01	LEVEL 03 SCOPE OF WORK, SHOWN IN RED DASHED LINES
02.09.02	EXISTING GYPSUM BOARD CEILING TO BE REMOVED
02.09.13	EXISTING ACOUSTIC CEILING TILES AND GRID TO REMAIN, NOT PART OF SCOPE
02.10.40	EXISTING UNSTRUCT CHANNEL AND EQUIPMENT RAIL TO BE REMOVED
02.10.41	EXISTING SURGICAL LIGHTS TO BE REMOVED PER MNFR REQUIREMENTS, COORDINATE WITH SKYTRON
02.11.06	EXISTING SIEMENS EQUIPMENT TO BE REMOVED PER MNFR REQUIREMENTS, COORDINATE WITH SIEMENS
02.11.18	EXISTING CEILING-MOUNTED BOOM EQUIPMENT TO BE REMOVED PER MNFR REQUIREMENTS, COORDINATE WITH SKYTRON
02.23.01	EXISTING SUPPLY DIFFUSER TO BE REMOVED, RE MECHANICAL
02.23.05	EXISTING DUCTS TO BE REMOVED, RE MECHANICAL FOR EXTENT AND NEW LOCATION
02.26.01	EXISTING RECESSED LIGHTING TO BE REMOVED
02.26.04	EXISTING 2x2 LIGHT FIXTURE TO BE REMOVED
02.26.05	EXISTING 2x4 LIGHT FIXTURE TO BE REMOVED
02.26.13	EXISTING 2x4 LIGHT FIXTURE TO REMAIN, NOT PART OF SCOPE

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project:  
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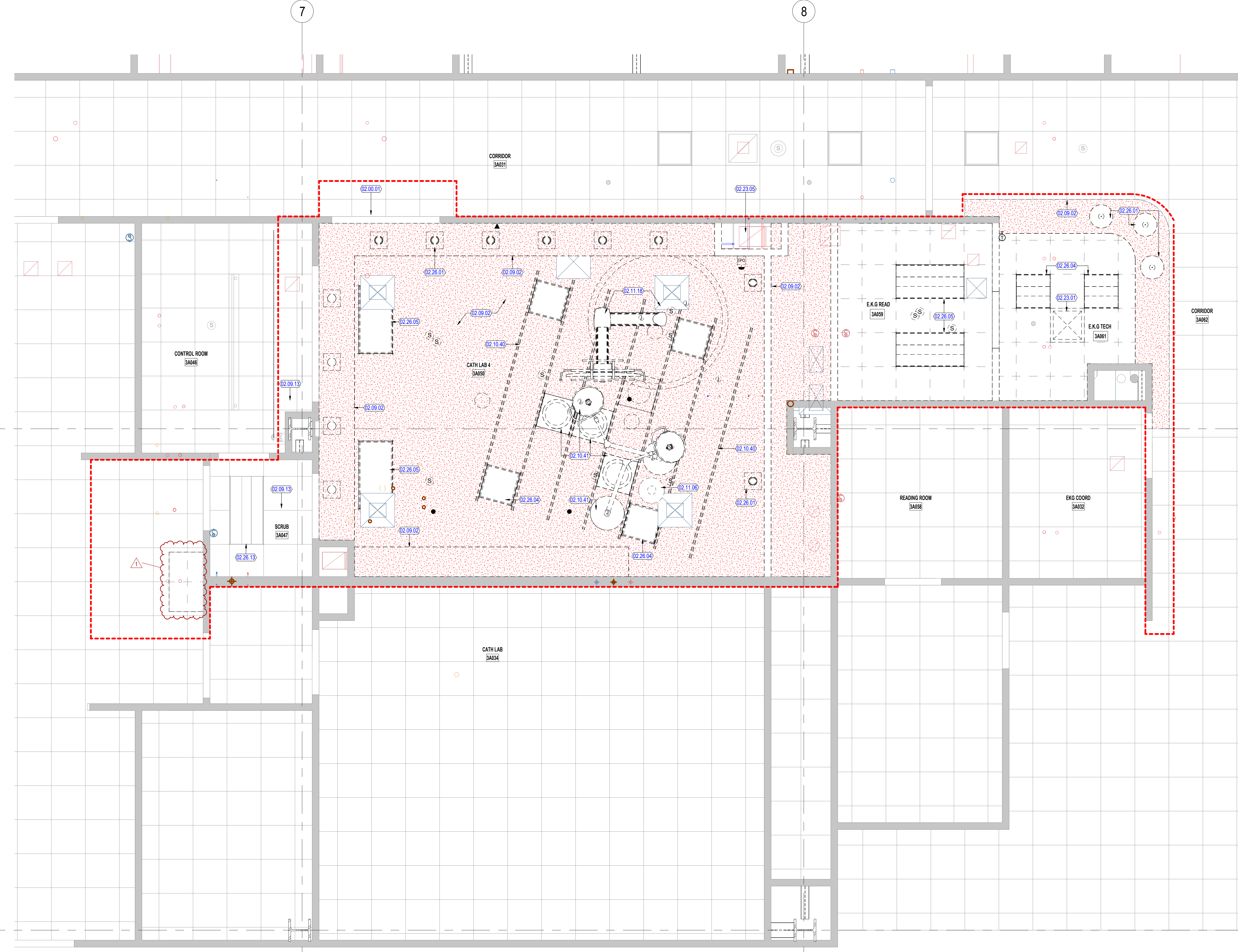
project #: 24.0310  
date: SEPT 27, 2024

revisions:  
1 Addendum 1 - Cath Lab Core 10/07/2024  
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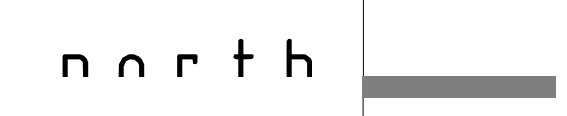
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**LEVEL 3  
DEMO RCP**

sheet:  
**D133**

CONSTRUCTION DOCUMENT



**A1** LEVEL 3 DEMO RCP  
3/8" = 1'-0"



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### GENERAL NOTES - DEMO

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- GENERAL CONTRACTOR TO KEEP AN ACTIVE PEDESTRIAN PATHWAY TO AND AT EGRESS ROUTES FREE OF OBSTRUCTIONS AT ALL TIMES. CONTRACTOR TO PROVIDE PROTECTION TO PEDESTRIANS BEFORE DEMOLITION (IBC 303)
- GENERAL CONTRACTOR TO MAINTAIN EXITS, EXISTING STRUCTURAL ELEMENTS, APPLIED FIREPROOFING PROTECTION DEVICES, AND SANITARY SAFEGUARDS AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION
- GREEN HATCH INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FINES AND NOISE. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT EXISTING WALL WHERE BARRIER ATTACHES AFTER REMOVAL OF BARRIER. PROVIDE STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER AND INTERMEDIATE GRA FOR EXACT LOCATION OF CONSTRUCTION BARRIER
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### DEMOLITION LEGEND

- EXISTING WALLS TO REMAIN, REFER TO DEMOLITION PLANS FOR REMOVAL OF EXISTING WALLS
- ITEMS TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- ICRA BARRIER, CONTRACTOR TO COORDINATE LOCATION WITH OWNER
- SCOPE OF WORK

### KEYED NOTES

02.05.01	EXISTING WALL AND FRAMING TO BE DEMOLISHED FOR NEW CONSTRUCTION; RE: D100s FOR EXTENTS
02.05.05	EXISTING WALL AND FRAMING TO REMAIN, CONTRACTOR TO PATCH AND REPAIR EXISTING WALL SURFACES AS NECESSARY PER SOFFIT DEMOLITION
02.05.06	EXISTING WALL AND FRAMING TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION; PATCH AND REPAIR EXISTING WALL SURFACES AS NECESSARY
02.06.01	EXISTING MILLWORK, NOT PART OF SCOPE, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.03	EXISTING MILLWORK, NOT PART OF SCOPE, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.05	EXISTING FASCIA TO BE REMOVED
02.06.01	EXISTING DOOR AND FRAME TO BE REMOVED
02.06.02	EXISTING DOOR FRAME TO REMAIN, EXISTING LEAD DOOR TO BE REMOVED, CONTRACTOR TO PROTECT DOOR FRAME DURING CONSTRUCTION; RE: DOOR SCHEDULE
02.06.03	EXISTING LEAD WINDOW TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.07	EXISTING DOOR AND FRAME TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.05	EXISTING WALL BASE TO REMAIN, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.12	PORTIONS OF EXISTING INTEGRAL BASE TO BE REMOVED FOR NEW CONSTRUCTION
02.06.14	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED
02.06.15	EXISTING COUNTERTOP TO BE REMOVED
02.06.16	EXISTING INTEGRAL BASE, NOT PART OF SCOPE, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.06.17	EXISTING INTEGRAL BASE TO BE REMOVED
02.06.20	EXISTING INTEGRAL BASE, CONTRACTOR TO PATCH AND REPAIR AS NECESSARY PER CONSTRUCTION
02.06.21	EXISTING INTEGRAL BASE WRAPPED ALL AROUND THE EXISTING MILLWORK TO BE REMOVED
02.10.01	EXISTING LOCKERS TO BE REMOVED
02.10.02	EXISTING COMPUTER CHAIR TO BE REMOVED AND SALVAGED TO OWNER
02.10.03	EXISTING DESKTOP COMPUTER TO BE REMOVED AND SALVAGED TO OWNER
02.10.05	EXISTING WALL MOUNT WORKSTATION EXTENSION ARM TO BE REMOVED AND SALVAGED TO THE OWNER
02.10.06	EXISTING SURGICAL UNIT EQUIPMENT AND CART TO BE REMOVED AND REINSTALLED; CONTRACTOR TO PROTECT DURING CONSTRUCTION AND COORDINATE NEW LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.10.08	EXISTING PROTECTIVE SHIELD TO BE REMOVED AND REINSTALLED; CONTRACTOR TO PROTECT DURING CONSTRUCTION; RE: A400s FOR NEW LOCATION
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02.10.12	EXISTING WIRE SHELVING UNIT TO BE REMOVED AND REINSTALLED IN NEW LOCATION; CONTRACTOR TO PROTECT DURING CONSTRUCTION; RE: A400s FOR NEW LOCATION
02.10.13	EXISTING DESKTOP COMPUTER TO BE REMOVED AND REINSTALLED; CONTRACTOR TO PROTECT DURING CONSTRUCTION; RE: A400s FOR NEW LOCATION
02.10.14	EXISTING DRY ERASE BOARD TO BE REMOVED AND REINSTALLED; CONTRACTOR COORDINATE NEW LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.10.18	EXISTING WALL MOUNT CLOTHES HOOK TO BE REMOVED AND REINSTALLED; CONTRACTOR COORDINATE NEW LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.10.20	EXISTING WALL MOUNT MARKER HOLDER TO BE REMOVED AND REINSTALLED; CONTRACTOR COORDINATE NEW LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.10.25	EXISTING CASE CART TO REMAIN
02.10.26	EXISTING TRANSFER BOARD TO BE REMOVED AND REINSTALLED
02.10.31	EXISTING FOOT STOOL TO REMAIN
02.10.41	EXISTING SURGICAL LIGHTS TO BE REMOVED PER MNFR REQUIREMENTS; COORDINATE WITH SKYTRON
02.10.42	EXISTING WALL MOUNTED GLOVE BOX CONTAINER TO REMAIN
02.10.43	EXISTING WALL CLOZ TO REMAIN
02.10.44	EXISTING WALL MOUNTED LEAD APRON RACK BE REMOVED AND REINSTALLED; CONTRACTOR COORDINATE NEW LOCATION WITH OWNER
02.10.45	EXISTING WASTE BIN, NOT PART OF SCOPE
02.10.46	EXISTING PAPER TOWEL DISPENSER, NOT PART OF SCOPE, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.10.47	EXISTING SOAP DISPENSER, NOT PART OF SCOPE, CONTRACTOR TO PROTECT DURING CONSTRUCTION
02.10.49	EXISTING MAYO STAND TO BE REMOVED AND REINSTALLED; RE: A400s FOR NEW LOCATION
02.11.01	EXISTING MINI REFRIGERATOR TO BE REMOVED AND SALVAGED TO OWNER
02.11.02	EXISTING SINK TO BE REMOVED; RE: PLUMBING SCHEDULE
02.11.05	EXISTING EXCIMER LASER SYSTEM IN CLOSET TO BE REMOVED AND REINSTALLED; CONTRACTOR TO PROTECT DURING CONSTRUCTION; RE: A400s FOR NEW LOCATION
02.11.06	EXISTING SIEMENS EQUIPMENT TO BE REMOVED PER MNFR. REQUIREMENTS, COORDINATE WITH SIEMENS
02.11.07	EXISTING CATH LAB EQUIPMENT TO BE REMOVED AND REINSTALLED; CONTRACTOR TO PROTECT DURING CONSTRUCTION AND COORDINATE LOCATION WITH OWNER
02.11.19	EXISTING LAUNDRY HAMPER TO BE REMOVED AND REINSTALLED; COORDINATE LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.11.20	EXISTING CONTROLLED SUBSTANCE DISPOSAL CONTAINER TO BE REMOVED AND REINSTALLED; COORDINATE LOCATION WITH OWNER; RE: A400s FOR NEW LOCATION
02.23.02	EXISTING RETURN OFFUSER TO BE REMOVED; RE: MECHANICAL
02.26.03	EXISTING OUTLET AND WALL COVER PLATE TO BE REMOVED; RE: ELECTRICAL
02.26.09	EXISTING ADA ACTUATOR TO BE REMOVED AND REINSTALLED; RE: ELECTRICAL AND A400s FOR NEW LOCATION
02.26.11	EXISTING LIGHT SWITCH TO REMAIN; RE: ELECTRICAL
02.27.05	EXISTING NURSE CALL TO BE REMOVED AND SALVAGED TO OWNER
02.28.01	EXISTING FIRE ALARM TO BE REMOVED AND SALVAGED TO OWNER



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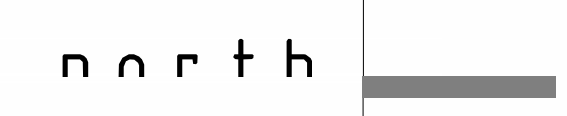
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Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions:  
1 Addendum 1 - Cath Lab Core 10/07/2024  
Millwork

title:  
**INTERIOR  
ELEVATIONS  
DEMO**

sheet:  
**D401**  
CONSTRUCTION DOCUMENT



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### GENERAL NOTES - FLOOR PLAN

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS, OR CONFLICTS IN THE DRAWINGS BEFORE BEGINNING WORK
- DO NOT SCALE THE DRAWINGS
- ALL EXPOSED INTERIOR COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT
- ALL EXPOSED EXTERIOR STEEL TO BE GALVANIZED, UNLESS NOTED OTHERWISE
- SEE G000 SERIES SHEETS FOR TYPICAL MOUNTING HEIGHTS. PROVIDE SOLID BLOCKING IN WALLS FOR ALL WALL-MOUNTED ITEMS WHETHER BLOCKING IS DEPICTED IN DRAWINGS OR NOT
- COORDINATE ALL EQUIPMENT AND ACCESSORIES, INCLUDING ITEMS THAT ARE OWNER FURNISHED, OWNER INSTALLED
- SEE SHEET SERIES A000 FOR WALL AND ASSEMBLY TYPES
- SEE SHEET SERIES A000 FOR DOOR AND WINDOW TYPES
- SEE ELEVATIONS AND FINISH SCHEDULES FOR SURFACE TREATMENTS AT WALLS
- SEE ELEVATIONS, SECTIONS, AND DETAILS FOR ADDITIONAL WALL CONSTRUCTION INFORMATION
- VERIFY CEILING HEIGHTS IN UNITS WITH SHEET SERIES A000. CONTRACTOR TO VERIFY AND MAXIMIZE CEILING HEIGHT IN ALL AREAS DEPENDENT ON DUCTWORK LOCATIONS
- ELECTRICIAN SHALL NOT SET ANY CEILING J-BOXES THAT ARE FOR LIGHTS BEFORE THE FINAL LOCATION OF THE DROPPED SOFFITS HAVE BEEN DETERMINED. THIS WILL ENSURE THAT THE LIGHTS THAT NEED TO BE CENTERED ARE CORRECTLY CENTERED BETWEEN THE SOFFITS
- SEMI-FLUSH LIGHT FIXTURE TO BE CENTERED OVER UNIT KITCHEN ISLANDS & CENTERED WITHIN FIXED DINING ROOMS AT UNITS. SEE A000'S UNIT SHEET SERIES FOR LOCATIONS
- DOOR OPENINGS IN FRAME CONSTRUCTION WITH NO SPECIFIED DIMENSION ARE EITHER CENTERED IN THE LENGTH OF WALL RUN OR IF DRIVEN NEAR CORNER LOCATED 4" FROM THE FACE OF ADJACENT STUD. ASSUME CENTERED IN FACE OF JAMB UNLESS NOTED OTHERWISE
- COORDINATE ALL SLAB PENETRATIONS AND UNDER FLOOR DUCTS WITH SIEMENS EQUIPMENT PLANS
- REFER TO UL DESIGNS FOR WALL PENETRATIONS AT RATED WALLS, RE: G100 SHEET SERIES

### GENERAL NOTES - EQUIPMENT

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS, OR CONFLICTS IN THE DRAWINGS BEFORE BEGINNING WORK
- REFER TO MANUF. EQUIPMENT PLANS FOR IMAGING EQUIPMENT AND OTHER MISC. EQUIPMENT
- CONTRACTOR TO COORDINATE WITH OWNER FOR EQUIPMENT NOT NOTED IN SIEMENS EQUIPMENT PLANS
- REFER TO MANUF. REQUIREMENTS FOR EQUIPMENT REMOVAL

### KEYED NOTES

02.00.01	LEVEL 03 SCOPE OF WORK, SHOWN IN RED DASHED LINES
10.00.24	COUNTERTOP GROMMET
SL.01	STAINLESS STEEL COUNTERTOP, RE: FINISH SCHEDULE



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**McKay Dee  
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Replacement**

McKay Dee Hospital  
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1 Addendum 1 - Cath Lab Core 10/07/2024  
Mllwork

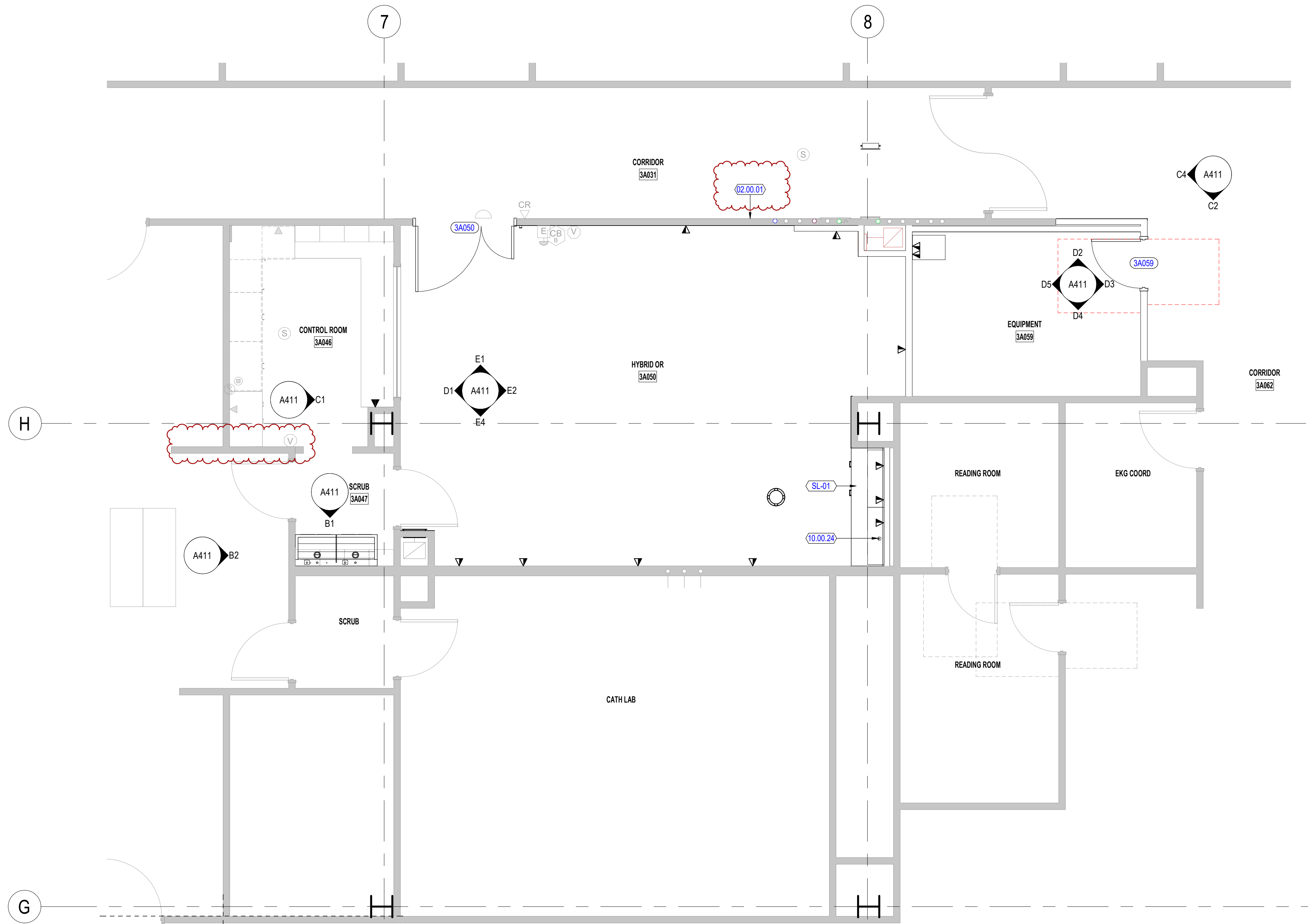
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**LEVEL 3  
ENLARGED  
FLOOR PLAN**

sheet:  
**A103**

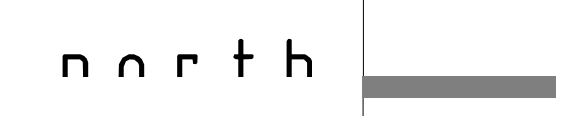
CONSTRUCTION DOCUMENT

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**A1** LEVEL 03 FLOOR PLAN  
1/4" = 1'-0"



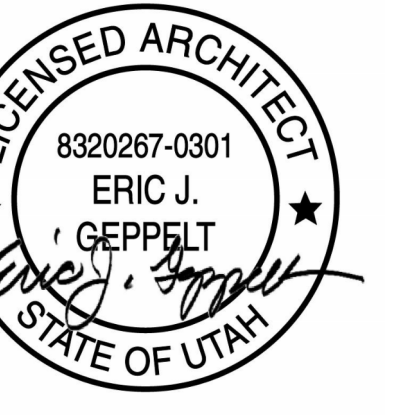
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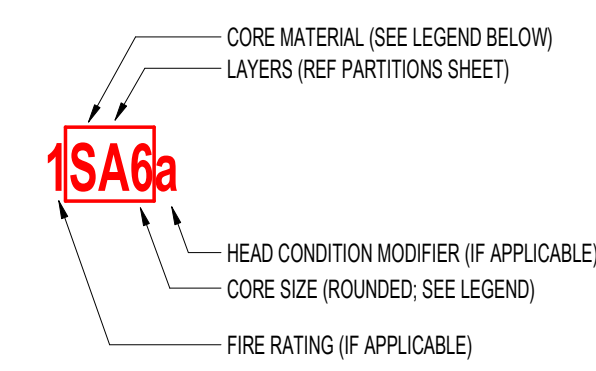
### GENERAL NOTES - FLOOR PLAN

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- DO NOT SCALE THE DRAWINGS
- ALL EXPOSED INTERIOR COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT
- ALL EXPOSED EXTERIOR STEEL TO BE GALVANIZED, UNLESS NOTED OTHERWISE
- SEE G000 SERIES SHEETS FOR TYPICAL MOUNTING HEIGHTS. PROVIDE SOLID BLOCKING IN WALLS FOR ALL WALL-MOUNTED ITEMS WHETHER BLOCKING IS DEPICTED IN DRAWINGS OR NOT
- COORDINATE ALL EQUIPMENT AND ACCESSORIES, INCLUDING ITEMS THAT ARE OWNER FURNISHED, OWNER INSTALLED
- SEE SHEET SERIES A600 FOR WALL AND ASSEMBLY TYPES
- SEE SHEET SERIES A600 FOR DOOR AND WINDOW TYPES
- SEE ELEVATIONS AND FINISH SCHEDULES FOR SURFACE TREATMENTS AT WALLS
- SEE ELEVATIONS, SECTIONS, AND DETAILS FOR ADDITIONAL WALL CONSTRUCTION INFORMATION
- VERIFY CEILING HEIGHTS IN UNITS WITH SHEET SERIES A000. CONTRACTOR TO VERIFY AND MAXIMIZE CEILING HEIGHT IN ALL AREAS DEPENDENT ON DUCTWORK LOCATIONS
- ELECTRICIAN SHALL NOT SET ANY CEILING J-BOXES THAT ARE FOR LIGHTS BEFORE THE FINAL LOCATION OF THE DROPPED SOFFITS HAVE BEEN DETERMINED. THIS WILL ENSURE THAT THE LIGHTS THAT NEED TO BE CENTERED ARE CORRECTLY CENTERED BETWEEN THE SOFFITS
- SEMI-FLUSH LIGHT FIXTURE TO BE CENTERED OVER UNIT KITCHEN ISLANDS & CENTERED WITHIN FIXED DINING ROOMS AT UNITS. SEE A600'S UNIT SHEET SERIES FOR LOCATIONS
- DOOR OPENINGS IN FRAME CONSTRUCTION WITH NO SPECIFIED DIMENSION ARE EITHER CENTERED IN THE LENGTH OF WALL RUN OR (IF DRAWN NEAR CORNER) LOCATED 4" FROM THE FACE OF ADJACENT STUD. ASSUME CENTERED IN FACE OF JAMB UNLESS NOTED OTHERWISE
- COORDINATE ALL SLAB PENETRATIONS AND UNDER FLOOR DUCTS WITH SIEMENS EQUIPMENT PLANS
- REFER TO UL DESIGNS FOR WALL PENETRATIONS AT RATED WALLS. RE: G100 SHEET SERIES

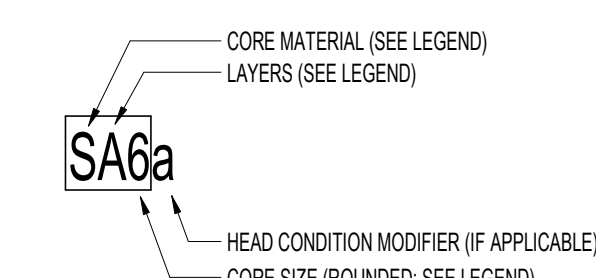
### GENERAL NOTES - DIMENSION

- DO NOT SCALE DRAWINGS
- ALL EXPOSED INTERIOR COLUMNS TO BE PAINTED, UNLESS NOTED OTHERWISE
- WALL TYPES ARE TAGGED FOR ENTIRE WALL RUN, UNLESS NOTED OTHERWISE
- ALL DIMENSIONS ARE TO THE FACE OF METAL/WOOD STUD FRAMED WALLS OR TO THE FACE OF CONCRETE/MASONRY WALLS AS SHOWN, UNLESS NOTED OTHERWISE
- DOOR OPENINGS IN FRAME CONSTRUCTION WHICH ARE NOT DIMENSIONED ARE EITHER CENTERED IN THE WALL FACE OF JAMB OR LOCATED 4" FROM THE FACE OF STUD TO THE FINISHED JAMB, UNLESS NOTED OTHERWISE
- ALIGN CENTERLINE OF ALL STRUCTURAL ELEMENTS ON RESPECTIVE GRIDS, UNLESS NOTED OTHERWISE
- PROVIDE DEFLECTION TRACKS AT TOP OF ALL COLD FORMED METAL FRAMING. SEE SHEET SERIES A600.
- REFER TO UL DESIGNS FOR WALL PENETRATIONS AT RATED WALLS. RE: G100 SHEET SERIES

#### FIRE RATED WALL TAG (description)



#### NON-FIRE RATED WALL TAG (description)



#### CORE MATERIAL LEGEND

- C = CONCRETE WALLS, MASONRY
- S = STEEL STUDS
- W = WOOD STUDS

#### CORE SIZE LEGEND

STEEL STUDS	WOOD STUDS	MASONRY (WIDTH)	*CONCRETE (WIDTH)
1 = 7/8"			
2 = 1 5/8"	1 1/2"		
3 = 2 1/2"	2 1/2"		
4 = 3 5/8"	3 1/2"	MASONRY SIZE 4"	
5 =			
6 = 6"	5 1/2"	MASONRY SIZE 6" CONCRETE 6"	
8 = 8"	7 1/4"	MASONRY SIZE 8" CONCRETE 8"	
10 =	9 1/4"	MASONRY SIZE 10" CONCRETE 10"	
12 =	11 1/4"	MASONRY SIZE 12" CONCRETE 12"	
14 =		MASONRY SIZE 14" CONCRETE 14"	
16 =		MASONRY SIZE 16"	

#### SUPERSCRIPT NOTES

- A - HAT CHANNEL FURRING IN LIEU OF METAL STUD
- B - IF WALL IS STRUCTURAL, DO NOT TAG WALL OR INCLUDE IN WALL TYPES

### LEGEND: INT. PARTITION HEAD CONDITIONS

- TYPICAL PARTITION FLOOR TO UNDERSIDE OF DECK
- a - PARTITION EXTENDS FROM FLOOR TO 6" ABOVE CEILING
- b - ACOUSTIC PARTITION
- 1-HR FIRE RATED PARTITION
- 2-HR FIRE RATED PARTITION

#### WALL TYPE HEAD CONDITION/SPECIALTY LEGEND

- IF WALL = TYPICAL PARTITION FLOOR TO FLOOR/CEILING/ROOF
- IF PARTITION EXTEND FROM FLOOR TO 6" ABOVE CEILING
- a = ACOUSTIC PARTITION
- ⊕ = LEAD SHIELDING, RE: SHIELDING REPORT

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Cath Lab 4  
Replacement**

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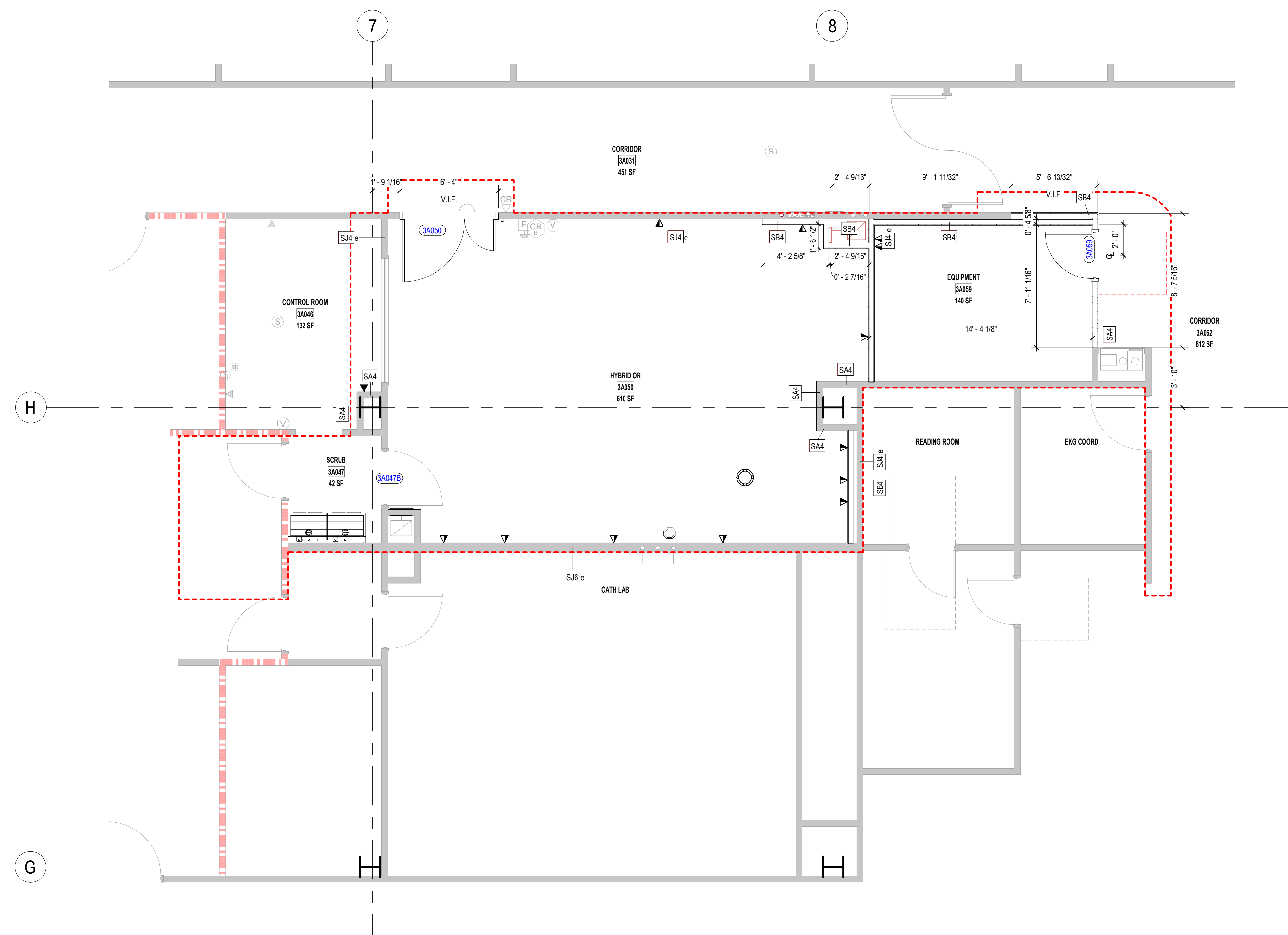
revisions :

title:  
**LEVEL 3  
DIMENSION  
PLAN**

sheet:

# A113

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**A1** LEVEL 3 DIMENSION PLAN  
1/4" = 1'-0"

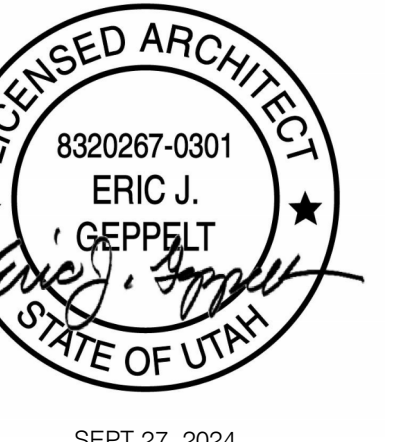
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**LEVEL 3 RCP  
PLAN**

sheet:

**A133**

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### GENERAL NOTES - CEILING

- VERIFY AND COORDINATE ALL MECHANICAL DUCT, GRILL, DIFFUSER & LOCATIONS, VENTS, AND QUANTITY WITH MECHANICAL PLANS
- CEILING GRID SHOWN IS ONLY A GRAPHIC REPRESENTATION OF CEILING. CEILING PATTERN IS TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY ACTUAL GRID LAYOUT/LOCATION
- VERIFY ALL LIGHTS, SMOKE DETECTORS, AND EXIT DEVICE LOCATIONS AND QUANTITIES WITH ELECTRICAL DRAWINGS. SEE ARCHITECTURE FOR LIGHT LAYOUT LOCATION, LIGHT FIXTURES TO BE CENTERED AND SYMMETRICALLY LOCATED IN UNITS AND SHARED SPACES UNLESS NOTED OTHERWISE
- MAKE FACTORY EDGE WHERE TILE IS OUT TYPICAL FOR ALL LAY-IN ACOUSTICAL TILE WITH REGULAR EDGE
- SEE SHEET SERIES A700 FOR FINISH MATERIAL SPECIFICATIONS
- VERIFY CEILING HEIGHTS IN UNITS WITH SHEET SERIES A200's. CONTRACTOR TO VERIFY AND MAXIMIZE CEILING HEIGHT IN ALL AREAS DEPENDENT ON DUCTWORK LOCATIONS
- ELECTRICIAN SHALL NOT SET ANY CEILING J-BOXES THAT ARE FOR LIGHTS BEFORE THE FINAL LOCATION OF THE DROPPED SOFFITS HAVE BEEN DETERMINED. THIS WILL ENSURE THAT THE LIGHTS THAT NEED TO BE CENTERED ARE CORRECTLY CENTERED BETWEEN THE SOFFITS
- ALL DIMENSIONS ARE TO THE FACE OF METAL WOOD STUD FRAMED WALLS OR TO THE FACE OF CONCRETE MASONRY WALLS AS SHOWN, UNLESS NOTED OTHERWISE

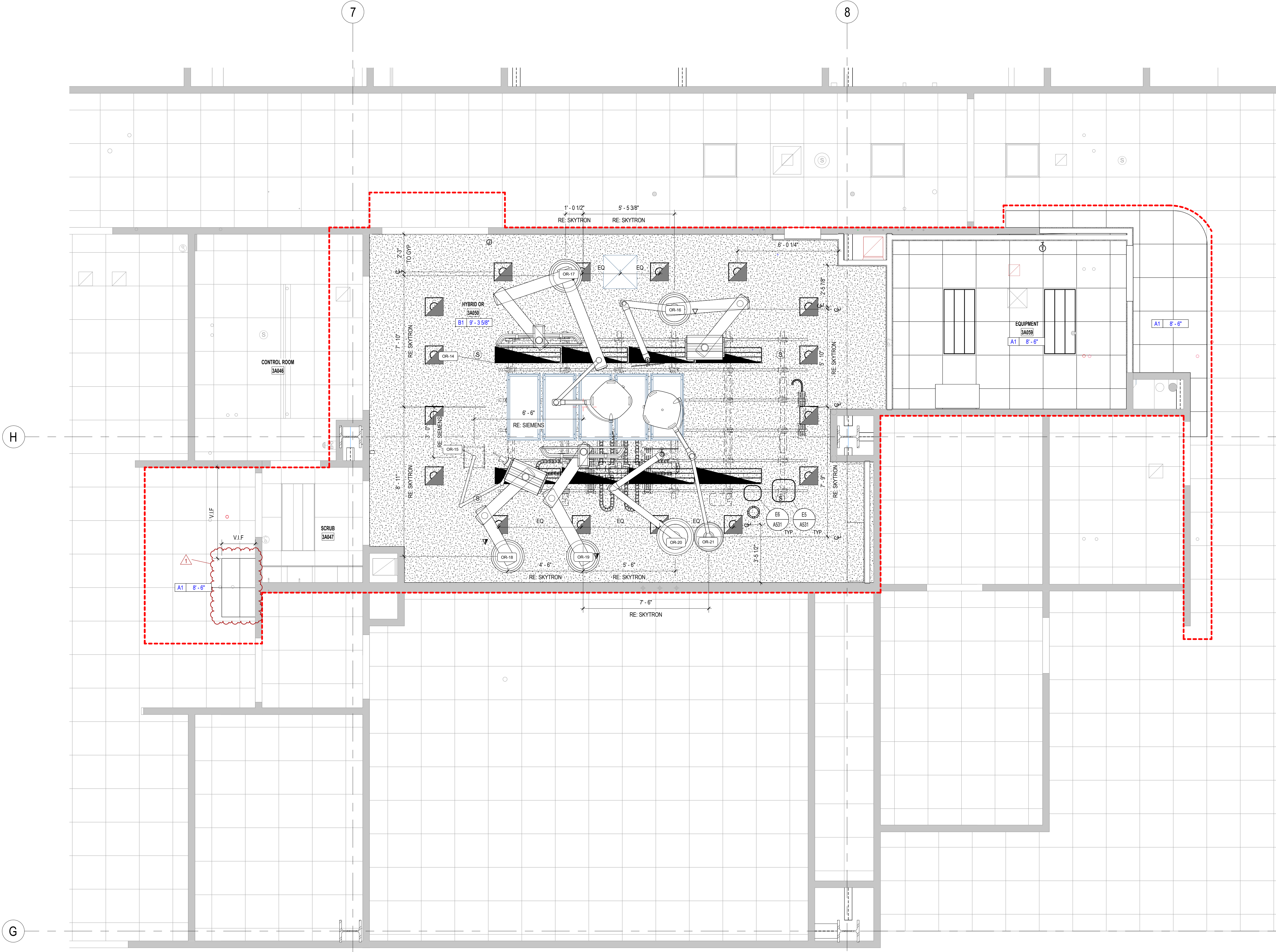
### CEILING LEGEND

- NOTE:  
ALL DROPS NEED TO BE NON-COMBUSTIBLE METAL FRAMING OR LIGHT GAUGE METAL FRAMING AND MEET LB90 STANDARD FOR ALLOWABLE DEFLECTION.
- TYPE A1  
 ACT-01:  
2' x 2' LAY-IN ACOUSTICAL TILE & SUSPENSION SYSTEM, RE: FINISH SCHEDULE
- TYPE B1  
 5/8" GYPSUM BOARD (PAINTED PNT-01 UNLESS NOTED ON PLAN) ON METAL SUSPENSION SYSTEM
- SUPPLY DIFFUSER, SEE MECHANICAL
- RETURN GRILLE, SEE MECHANICAL
- ROUND SURFACE DECO LIGHT, SEE ELECTRICAL
- 2x4 LIGHT FIXTURE, SEE ELECTRICAL
- 2x2 LIGHT FIXTURE, SEE ELECTRICAL
- RECESSED LIGHT FIXTURE, SEE ELECTRICAL

### EQUIPMENT LIST

RE: SIEMENS EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT

MARK	DESCRIPTION	COUNT	MANUFACTURER	MODEL	NEW/EXISTING	RESP.	COMMENTS
CR-01	ISOLATION PANEL	1	CONTRACTOR		NEW	CFO	RE: ELECTRICAL
EQP-08	CABLE CABINET	1	SIEMENS		NEW	OFO	FLOOR MOUNTED
OR-10	INTERCOM LOUDSPEAKER	1	SIEMENS		NEW	OFO	WALL MOUNTED
OR-14	ARTIS SCOM CEILING PRO	1	SIEMENS		NEW	OFO	SEE MFG REQS
OR-15	CEILING MOUNT INJECTOR	1	SIEMENS		NEW	OFO	SEE MFG REQS
OR-16	ANESTHESIA AND XRAY SHIELD	1	SKYTRON		NEW	OFO	SEE MFG REQS
OR-17	LIGHT W/ CAMERA AND LARGE DISPLAY	1	SKYTRON		NEW	OFO	SEE MFG REQS
OR-18	PERFUSION	1	SKYTRON		NEW	OFO	SEE MFG REQS
OR-19	LARGE DISPLAY	1	SKYTRON		NEW	OFO	SEE MFG REQS
OR-20	SKYTRON X-RAY SHIELD	1	SKYTRON		NEW	OFO	SEE MFG REQS
OR-21	LIGHT	1	SKYTRON		NEW	OFO	SEE MFG REQS



**A1** LEVEL 3 REFLECTED CEILING PLAN  
3/8" = 1'-0"

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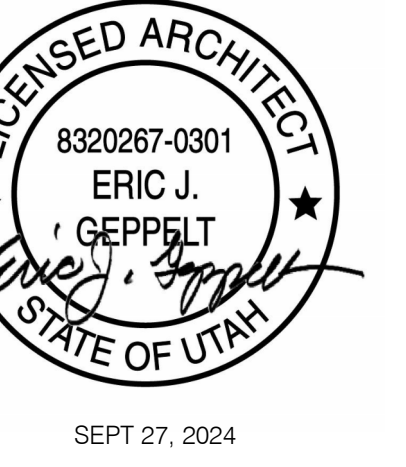
GENERAL NOTES - 3D

1 3D PERSPECTIVES ARE SHOWN AS A COURTESY TO PROVIDE CLARITY OF OVERALL PROJECT MASSING, PROPORTIONS, AND ELEMENT RELATIONSHIPS. ALL ELEMENTS MAY NOT NECESSARILY BE REPRESENTED. REFER TO ALL 2D PLANS, SECTIONS, ELEVATIONS, DETAILS, SCHEDULES, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION



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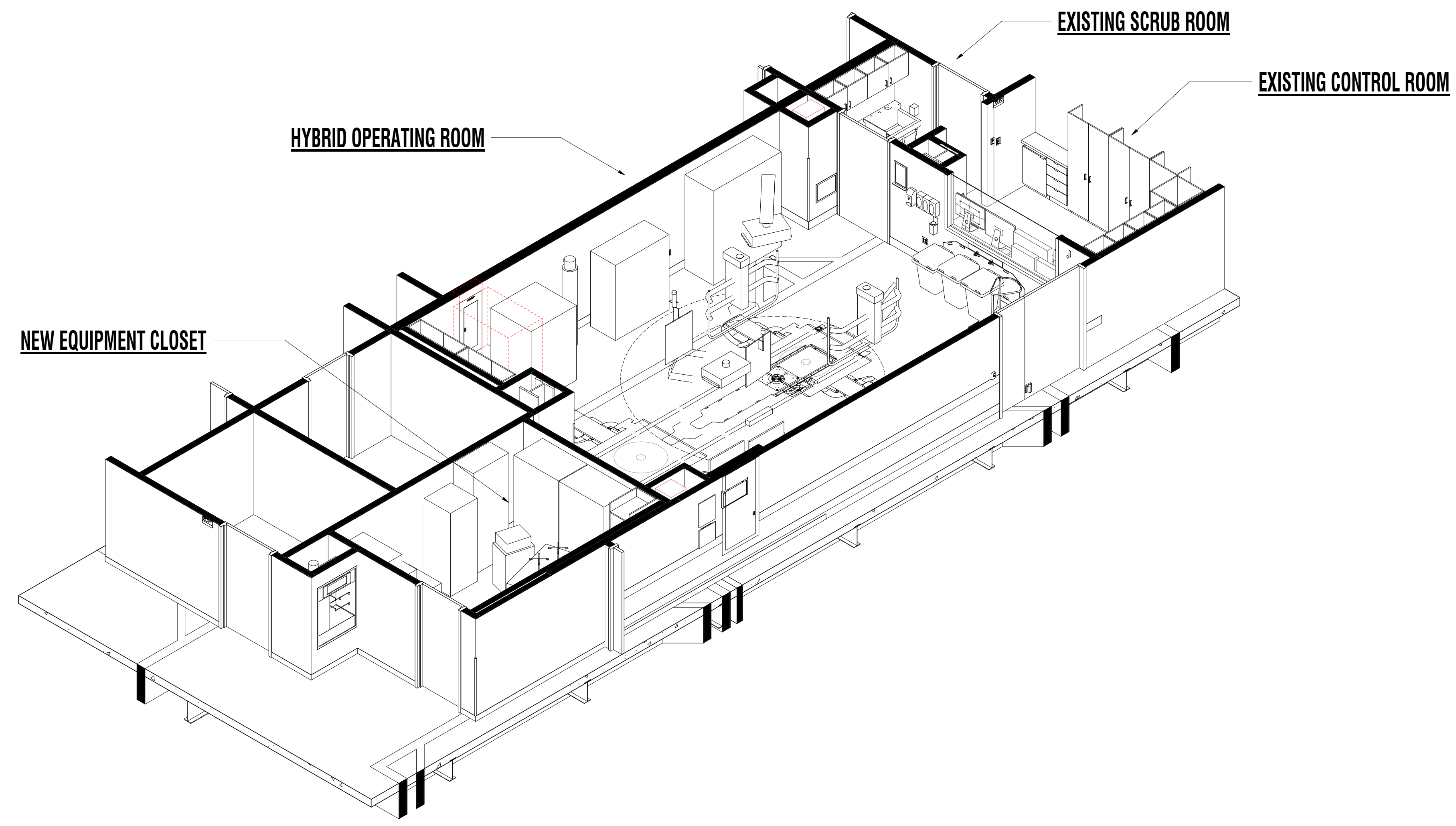
revisions :

title:  
**3D  
AXONOMETRIC  
VIEWS**

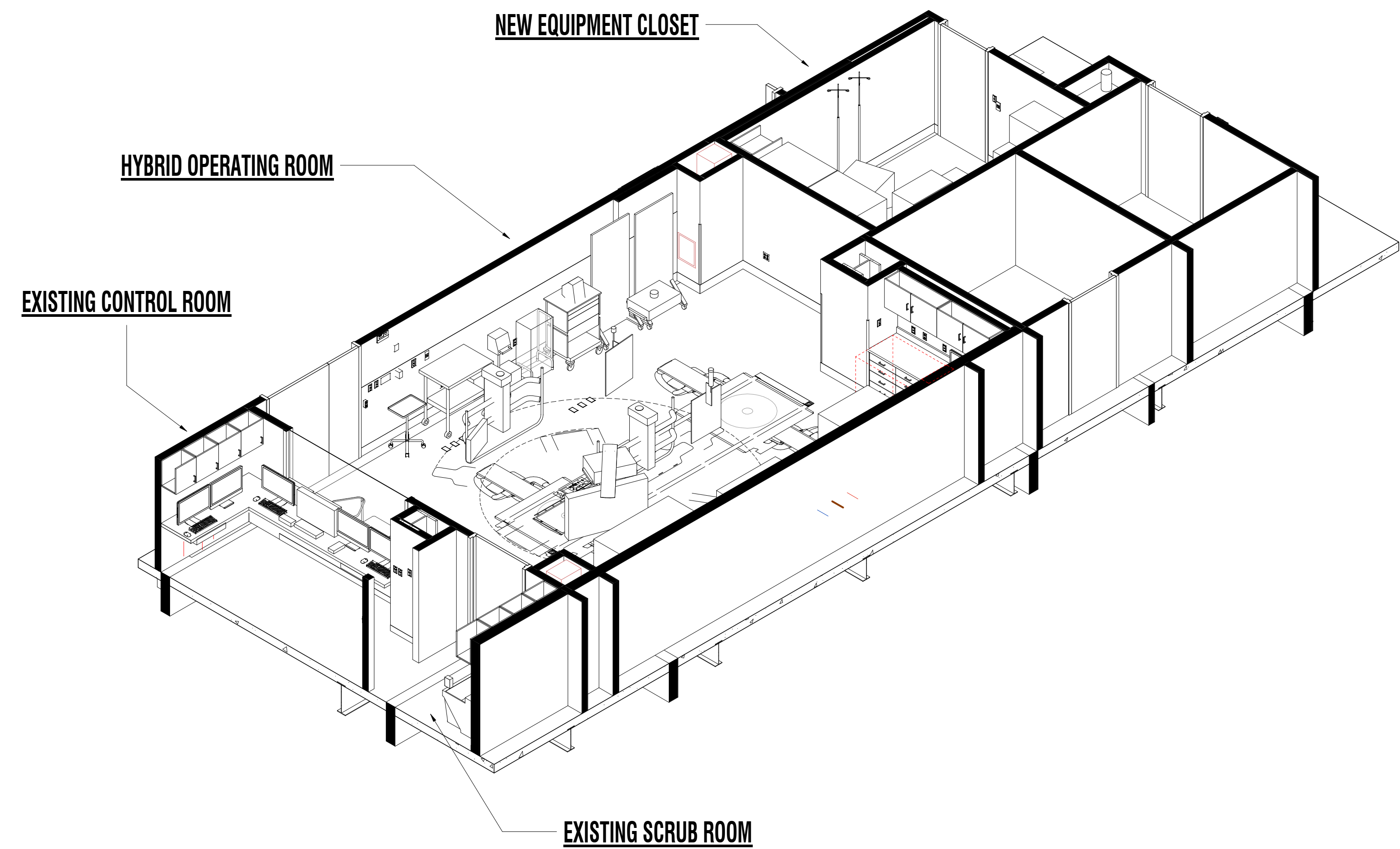
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**A211**

CONSTRUCTION DOCUMENT



**C1** NORTHEAST VIEW



**A1** SOUTHWEST VIEW



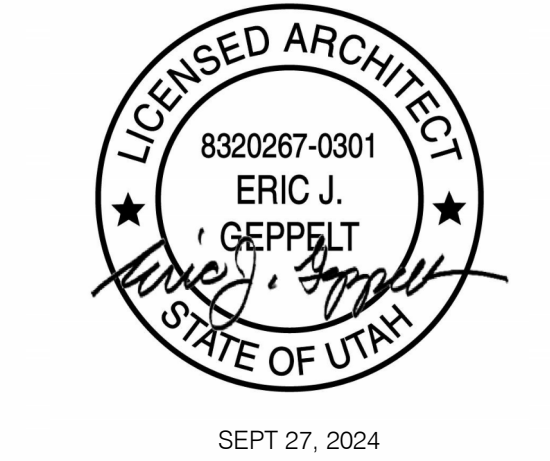
**GENERAL NOTES - INTERIOR ELEVATIONS**

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- DO NOT SCALE DRAWINGS.
- SEE SHEET SERIES 6000 FOR TYPICAL MOUNTING HEIGHTS. PROVIDE SOLID BLOCKING IN WALLS FOR ALL WALL-MOUNTED ITEMS WHETHER BLOCKING IS SPECIFIED IN DRAWINGS OR NOT.
- UPPER, LOWER, AND TALL MILLWORK CABINETS NOT TO EXCEED 30" IN WIDTH, UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, MATCH UPPER CABINET WIDTH DIMENSIONS TO BASE CABINETS - TYPICAL.
- ALL ELECTRICAL AND DATA OUTLETS ABOVE COUNTER TOPS SHOULD BE HORIZONTALLY ALIGNED AND MOUNTED HORIZONTALLY.
- PROVIDE SAFETY INSULATION ON ALL EXPOSED SUPPLY WATER LINES AND WASTE LINES.
- PROVIDE METAL TRIM AT ALL TILE TO FLOOR TRANSITIONS. SEE DETAILS AND FINISH SCHEDULE.
- ALL MILLWORK INTERIOR FINISH TO BE WHITE MELAMINE, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PROVIDE RESTROOM ACCESSORIES. SEE ACCESSORY SCHEDULE.
- SEE SHEET SERIES A700 FOR MATERIAL SPECIFICATIONS.
- SEE SHEET SERIES A300 FOR WALL AND ASSEMBLY TYPES.
- SEE SHEET SERIES A600 FOR DOOR AND WINDOW TYPES.
- SEE SHEET SERIES A300 FOR CASEWORK DETAILS.



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**KEYED NOTES**

02.08.06	EXISTING WALL AND FRAMING TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION. PATCH AND REPAIR EXISTING WALL SURFACES AS NECESSARY.
02.08.03	EXISTING LEAD WINDOW TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
02.08.07	EXISTING DOOR AND FRAME TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
02.09.05	EXISTING WALL BASE TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
02.09.18	EXISTING CRASH RAIL TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
02.23.06	EXISTING MED GAS VALVE BOX AND FACE PLATE TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION. RE: MECHANICAL.
22.05.01	NEW STAINLESS STEEL WALL HANG DOUBLE STATION SURGEON SCRUB SINK. RE: PLUMBING.
CG-01	CORNER GUARD. RE: FINISH SCHEDULE.
PNT-01	FIELD WALL PAINT. RE: FINISH SCHEDULE.
PNT-03	ADJACENT WALL PAINT. RE: FINISH SCHEDULE.
PNT-04	FIELD WALL PAINT. MATCH EXISTING.
RF-01	RUBBER RESILIENT FLOORING. RE: FINISH SCHEDULE.
RF-02	RUBBER RESILIENT FLOORING. MATCH EXISTING.
SL-01	STAINLESS STEEL COUNTERTOP. RE: FINISH SCHEDULE.
WC-01	WALL COVERING. RE: FINISH SCHEDULE.

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions:

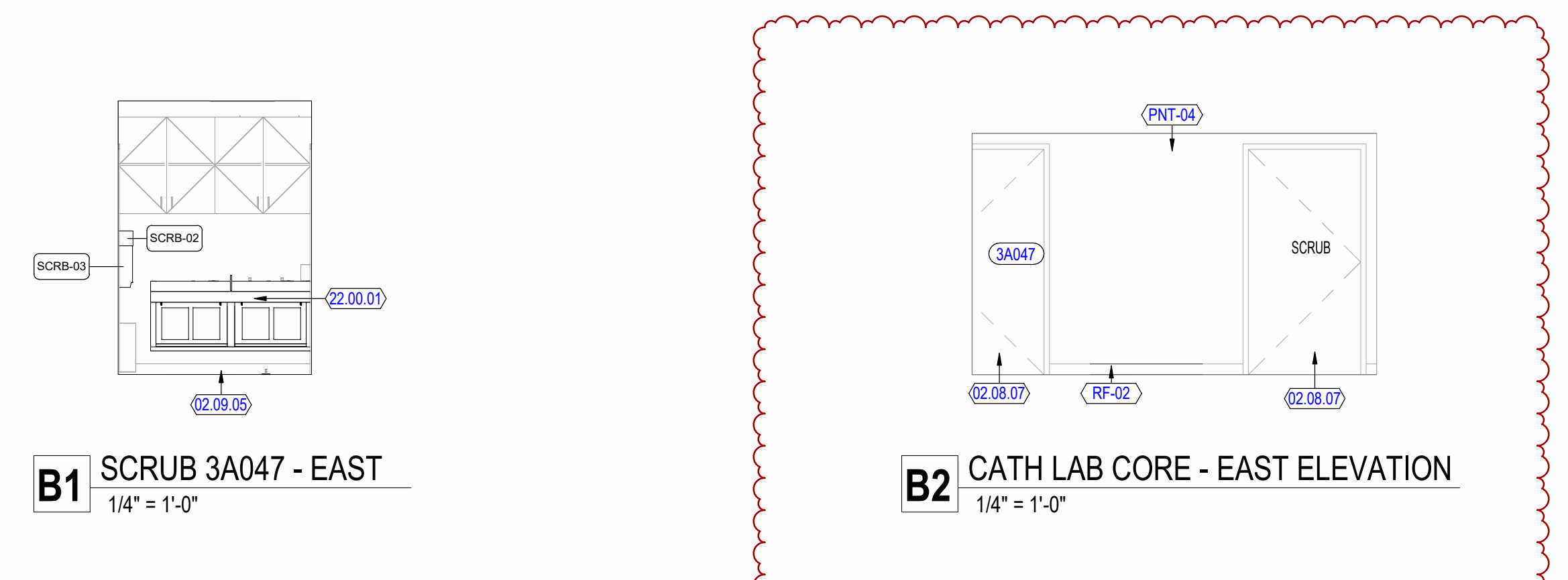
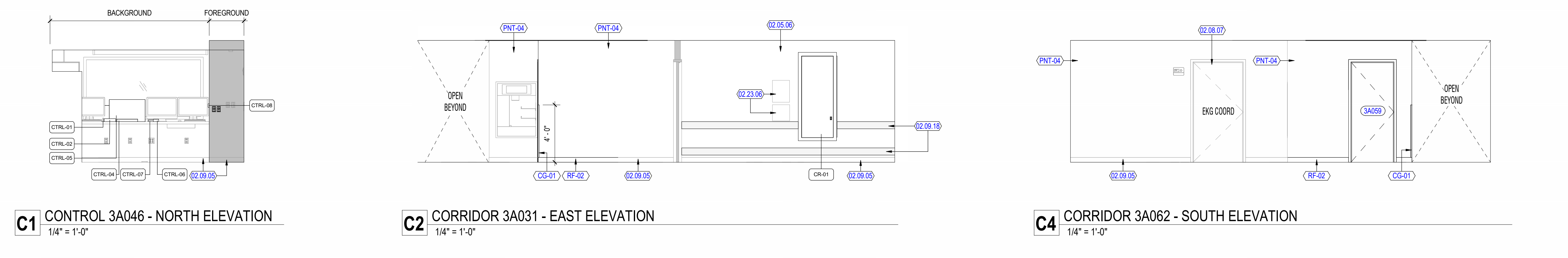
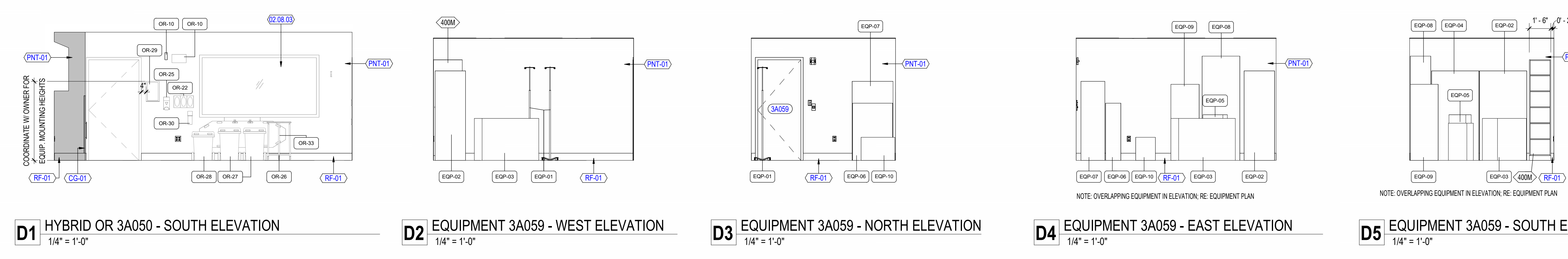
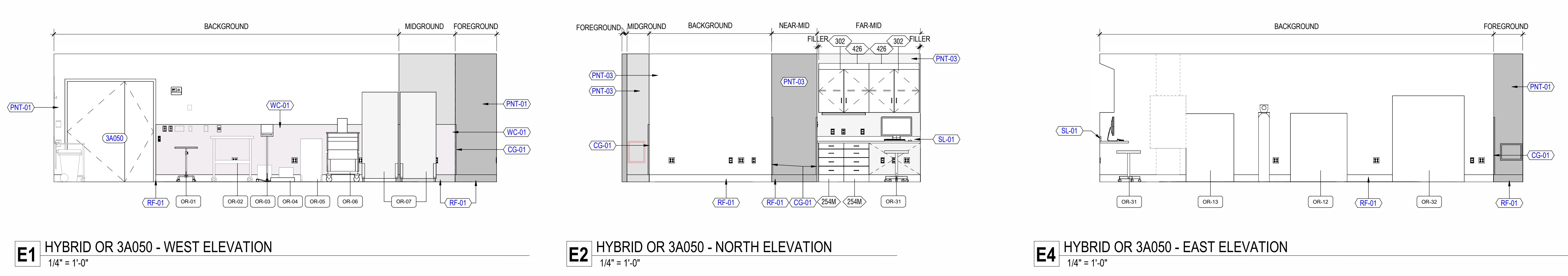
1 Addendum 1 - Cath Lab Core 10/07/2024  
Mllwork

title:  
**ENLARGED  
PLANS AND  
INTERIOR  
ELEVATIONS**

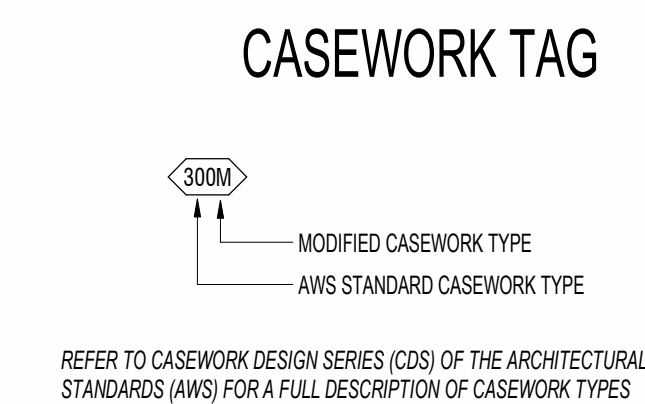
sheet:

**A411**

CONSTRUCTION DOCUMENT



EQUIPMENT LIST							
RE: SIEMENS EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT							
MARK	DESCRIPTION	COUNT	MANUFACTURER	MODEL	NEW/EXISTING	RESP.	COMMENTS
OR-01	ISOLATION PANEL	1	CONTRACTOR		NEW	DFCI	RE: ELECTRICAL
CTR-01	CONTROL INTERFACE BOARD	1	SIEMENS		NEW	DFCI	ON WALL UNDER COUNTER
CTR-02	CPC CONTROL POWER CONTROL	1	SIEMENS		NEW	DFCI	ON CONTROL COUNTER
CTR-03	INJECTOR WALL CONNECTION	1	SIEMENS		NEW	DFCI	ON WALL UNDER COUNTER
CTR-04	KEYBOARD	1	SIEMENS		NEW	DFCI	MOUNTED UNDER COUNTER
CTR-05	32" LARGE CONTROL ROOM DISPLAY	1	SIEMENS		NEW	DFCI	ON COUNTER
CTR-06	INTERCOM MICROPHONE LOUDSPEAKER	1	SIEMENS		NEW	DFCI	ON COUNTER
CTR-07	INTERCOM POWER UNIT	1	SIEMENS		NEW	DFCI	ON COUNTER
CTR-08	EATON 9355 REMOTE MONITORING DEVICE	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
EQP-01	TV STAND	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
EQP-02	TV STAND	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
EQP-03	ARTS WASH SYSTEM	1	SIEMENS		NEW	DFCI	FLOOR MOUNTED
EQP-04	EXCIMER LASER SYSTEM	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
EQP-05	SYSTEM CONTROL CABINET	1	SIEMENS		NEW	DFCI	FLOOR MOUNTED
EQP-06	MEGA POWER ELECTROSURGICAL UNIT	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
EQP-07	EATON 9355 15 KVA UPS AND BATTERY	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
EQP-08	EATON 9355 OUTPUT TRANSFORMER CABINET	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
EQP-09	CABLE CABINET	1	SIEMENS		NEW	DFCI	FLOOR MOUNTED
EQP-10	GENERATOR (AC)	1	SIEMENS		NEW	DFCI	FLOOR MOUNTED
EQP-11	TUBE COOLING UNIT	1	SIEMENS		NEW	DFCI	FLOOR MOUNTED
EQP-12	WALL LAB ESU CART	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-01	WALL TV STAND	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-02	CASE CART	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-03	VITALS - MOBILE	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-04	FOOTSWITCH PEDAL	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-05	STRAIGHT FOOTSTOOD, WITH HANDLE	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-06	SUPPLY CART	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-07	MOBILE X-RAY PROTECTIVE SCREEN	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-08	MOBILE X-RAY PROTECTIVE SCREEN	1	OWNER		EXISTING	DFCI	COORDINATE LOCATION WITH OWNER
OR-09	TABLE CONTROL MODULES	1	SIEMENS		NEW	DFCI	ON TABLE
OR-10	INTERCOM LOUDSPEAKER	1	SIEMENS		NEW	DFCI	WALL MOUNTED
OR-12	MESKO ARTISON INJECTOR PEDESTAL SYSTEM (INTEGRATED)	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
OR-13	ADM MACHINE	1	OWNER		EXISTING	DFCI	RE: ELECTRICAL, COORDINATE LOCATION WITH OWNER
OR-14	ARTIS ICONO CEILING PRD	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
OR-15	ARTIS ICONO CEILING PRD	1	SIEMENS		NEW	DFCI	SEE MFG REQS.
OR-22	3 GLOVE BOX	1	OWNER		EXISTING	DFCI	WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-25	WALL MOUNT HAND SANITIZER DISPENSER	1	OWNER		EXISTING	DFCI	WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-26	LINEN HAMPER W/ LID	1	OWNER		EXISTING	DFCI	
OR-27	WASTE CONTAINER	1	OWNER		EXISTING	DFCI	
OR-27	WASTE CONTAINER	1	OWNER		EXISTING	DFCI	
OR-28	15 L WASTE CONTAINER	1	OWNER		EXISTING	DFCI	
OR-29	SMALL DRY GRADE WHITE BOARD	1	OWNER		EXISTING	DFCI	WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-30	CONTROLLED SUBSTANCE DISPOSAL CONTAINER	1	OWNER		EXISTING	DFCI	WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-31	CUSHION-SEAT EXAM STOOL	1	OWNER		EXISTING	DFCI	
OR-32	WIRE SHELVES	1	OWNER		EXISTING	DFCI	
OR-33	PATIENT TRANSFER BOARD	1	OWNER		EXISTING	DFCI	WALL MOUNTED, COORDINATE LOCATION WITH OWNER
SCRB-01	WALL MOUNT DISINFECTANT WIPES DISPENSER	1	PROFESSIONAL DISPOSABLES INTERNATIONAL, PDI	SAN BRACKET EXTRA LARGE SINGLE CANISTER	NEW	DFCI	WALL MOUNTED
SCRB-02	MULTIFOLD WALL MOUNT PAPER TOWEL DISPENSER	1	GEORGIA PACIFIC	EMOTION FLEX MINI AUTOMATED (BLACK)	NEW	DFCI	WALL MOUNTED



REFER TO CASEWORK DESIGN SERIES (CDS) OF THE ARCHITECTURAL WOODWORK STANDARDS (AWS) FOR A FULL DESCRIPTION OF CASEWORK TYPES

10/27/2024 4:55:30 PM Autodesk Docs\McKay Dee Cath Lab 4 Replacement\24.0310\McKay Dee Cath Lab 4 Replacement.rvt





360 west aspen avenue  
salt lake city, utah 84101  
801 532 4422

UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION.



### GENERAL NOTES - PARTITIONS

- REFER TO DIMENSION PLANS FOR WALL TYPE LOCATIONS
- REFER TO SCHEDULES & DETAILS FOR FINISHES. WALL TYPES REFER TO BASE WALL ONLY.
- "LINE OF STRUCTURE" AS SHOWN AT THE HEAD CONDITIONS OF EACH WALL TYPE IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION. RATED WALLS ARE TO TERMINATE AT STRUCTURAL MEMBERS WITH A FIRE RESISTANT RATING. WHERE BOTH APPROPRIATE FRAMING AND GYP BOARDS TO BE INSTALLED AND OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS SUCH AS PIPING OR DUCTWORK, TO MAINTAIN THE FIRE RESISTANCE RATING. NON-RATED WALLS THAT CONTINUE TO STRUCTURE ARE TO TERMINATE AT PROPER LOCATIONS TO MAINTAIN THE INTENT OF THE CONTINUOUS PLANE OF ONE LAYER OF GYP BOARD AS A NOISE, SMOKE OR OTHER TYPE OF BARRIER.
- SPACING OF THE METAL STUDS HAS NOT BEEN INDICATED ON THE WALL TYPES OR DETAILS. REFER TO STRUCTURAL STUD DETAILS SHEET.
- ALL GYP BOARD SHALL BE 5/8" U.N.O.
- REFER TO GYP BOARD SCHEDULE BELOW FOR GYP BOARD REQUIREMENTS PER LOCATION AND WALL TYPE
- ALL WALL ASSEMBLIES TO BE FILLED W/ SOUND ATTENUATION BATTS U.N.O.
- VARYING INSULATION REQUIREMENTS HAVE NOT BEEN INDICATED ON THE WALL TYPES; FOR WALL TYPES WITH VARYING INSULATION TYPES, REFERENCE INSULATION PLAN.
- VARYING LOAD BEARING REQUIREMENTS HAVE NOT BEEN INDICATED ON THE WALL TYPES; FOR WALL TYPES WITH VARYING LOAD BEARING REQUIREMENTS, REFERENCE LOAD BEARING PLAN.
- SOUND ATTENUATION BLANKETS/BATTS SHALL EXTEND THE FULL HEIGHT OF THE WALLS, U.N.O.
- THERMAL AND SOUND INSULATION AND COVERING WHICH ARE INSTALLED IN CONCEALED AND EXPOSED SPACES AND AS COVERING OVER PIPE AND TUBING SHALL BE TESTED IN ACCORDANCE WITH AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) E 84 AND HAVE A FLAME SPREAD OF 0-25 AND A SMOKE INDEX OF 0-450.
- SUPPORT INSULATION WITH CHICKEN WIRE IN PARTITIONS WITHOUT GYP BOARD ON BOTH SIDES TO STRUCTURE.
- ALL RATED WALLS SHALL BE CONSTRUCTED FIRST. SECONDARY WALLS TO ABUT, BUT NOT PENETRATE RATED WALLS.
- FIRE STOPPING TO BE PROVIDED AT PENETRATIONS THROUGH RATED WALLS AS SPECIFIED.
- UL DESIGN NUMBERS REFER TO FIRE RESISTANCE IN MOST CURRENT EDITION OF THE UL DIRECTORY.
- PROVIDE ALL COMPONENTS REQUIRED PER THE INDICATED DESIGN NUMBER OR TEST REFERENCE LISTING NUMBER, INCLUDING BUT NOT LIMITED TO FASTENER SIZE AND SPACING.
- APPROPRIATE SUBMITTAL INFORMATION MUST BE PROVIDED TO SUBSTANTIATE THAT THE MATERIALS AND ASSEMBLY USED BY THE CONTRACTOR HAVE BEEN TESTED BY A RECOGNIZED TESTING AGENCY TO MEET THE FIRE RESISTANCE RATING SCHEDULED ON THESE WALL TYPES.
- MAINTAIN 1/2" SPACE BETWEEN FLOOR SLAB AND BOTTOM OF GYP BOARD ON ALL WALLS.
- STOP STUD 1" BELOW METAL RUNNER (TOP TRACK) TO ALLOW FOR VERTICAL EXPANSION DO NOT ATTACH STUDS OR GYP BOARD TO TOP TRACK.
- U.N.O. ALL WALLS TO BE LEVEL 4 FINISH
- REFER TO INTERIOR DETAILS FOR ADDITIONAL INFORMATION.

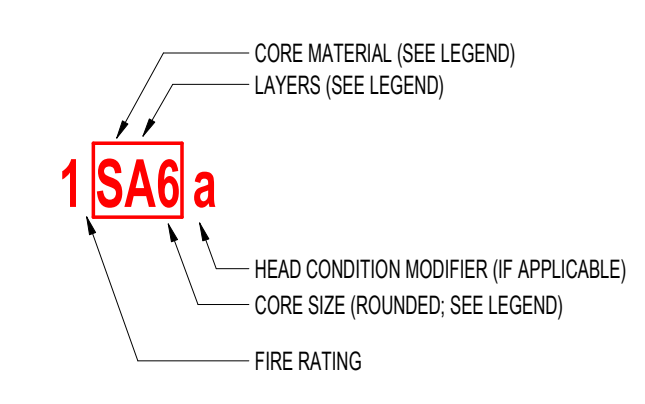
### GYP BOARD SCHEDULE

5/8" GYPSUM BOARD	ALL PARTITIONS UNLESS NOTED OTHERWISE BELOW
5/8" TYPE X GYPSUM BOARD	FIRE RATED PARTITIONS
5/8" MOISTURE RESISTANT AND MOLD-RESISTANT GYPSUM BOARD (TYPE X WHERE FIRE RATED)	WET OR HIGH HUMIDITY, HEAVY MOISTURE EXPOSURE AREAS SUCH AS TOILET ROOMS, SHOWERS, LOCKER ROOMS, AND JANITOR CLOSETS, EXCEPT WHERE WALL TILE OCCURS. USE AT KITCHEN WALLS FROM FLOOR TO 12" ABOVE COUNTERTOP, EXCEPT WHERE TILE BACKSPLASH OCCURS.
5/8" GLASS MAT MOISTURE AND MOLD-RESISTANT GYPSUM TILE BACKER (TYPE X WHERE FIRE RATED)	LIMITED WATER EXPOSURE AREAS WHERE WALL TILE OCCURS, BEHIND FIBERGLASS SHOWER ENCLOSURES, AND KITCHEN WALLS FROM FLOOR TO 12" ABOVE COUNTERTOP WHERE TILE BACKSPLASH OCCURS.
5/8" CEMENT BOARD	WET OR HIGH HUMIDITY, HEAVY MOISTURE EXPOSURE AREAS WHERE WALL TILE OCCURS, EXCEPT AT BACKSPLASHES.
5/8" LEAD LINED GYPSUM BOARD	ALL PARTITIONS REQUIRING LEAD AS NOTED IN SHIELDING REPORT. CONTRACTOR TO VERIFY REQUIRED LEAD WEIGHT WITH REPORT.

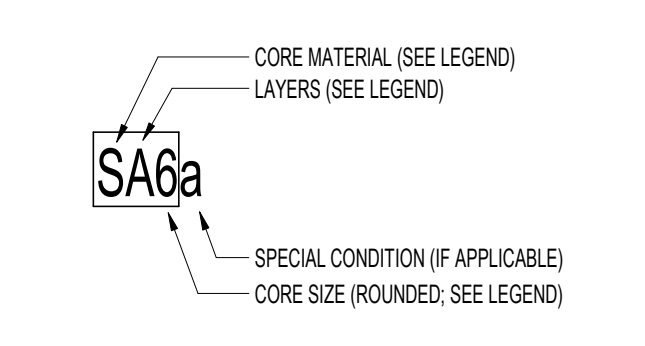
**GYP BOARD NOTES**

- AT FIRE RATED PARTITIONS WHERE CEMENT BOARD IS REQUIRED, PROVIDE CEMENT BOARD ON TOP OF TYPE X GYPSUM BOARD, OR PROVIDE A TESTED FIRE RESISTANCE DESIGN THAT ALLOWS REPLACEMENT OF THE TYPE X GYPSUM BOARD WITH CEMENT BOARD.
- REFER TO THE ENVIRONMENTAL CLASSIFICATIONS IN THE CURRENT EDITION OF THE TILE COUNCIL OF NORTH AMERICA HANDBOOK FOR CERAMIC, GLASS AND STONE TILE INSTALLATION.

### FIRE RATED WALL TAG (description)



### NON-FIRE RATED WALL TAG (description)



### LAYERS LEGEND

- NOTE: DO NOT USE THE FOLLOWING LETTERS: l, L, and o. a through e are Method Studio's Standard, f and above are user defined.**
- SA = GYPSUM BOARD BOTH SIDE OF CORE
  - SB = GYPSUM BOARD ONE SIDE OF CORE
  - SC = GYPSUM BOARD, 2 LAYERS BOTH SIDES OF CORE
  - SD = GYPSUM BOARD BOTH SIDES OF CORE, DOUBLE STUD
  - SE = GYPSUM BOARD, 2 LAYERS BOTH SIDES OF CORE, DOUBLE STUD
  - SF = GYPSUM BOARD, ONE LAYER CORE SIDE, ONE LAYER RESILIENT CHANNEL SIDE
  - SG = GYPSUM BOARD, ONE LAYER CORE SIDE, ONE LAYER W/ CHANNEL SIDE
  - SH = TYPE "X" GYPSUM BOARD, ONE LAYER CORE SIDE, 1" SHAFT LINER
  - SI = TYPE "X" GYPSUM BOARD, 2 LAYERS CORE SIDE, 1" SHAFT LINER
  - SJ = LEAD LINED GYPSUM BOARD, RE. SHIELDING REPORT

### WALL TYPE CONDITION LEGEND

- IF WALL = TYPICAL PARTITION FLOOR TO FLOOR/CEILING/ROOF
- # = PARTITION EXTEND FROM FLOOR TO 9' ABOVE CEILING
  - b = ACOUSTIC PARTITION
  - c = 1-HR FIRE RATED PARTITION
  - d = 2-HR FIRE RATED PARTITION
  - e = LEAD LINED PARTITION, RE. SHIELDING REPORT

### CORE MATERIAL LEGEND

- C = CONCRETE WALLS, MASONRY
- S = STEEL STUDS
- W = WOOD STUDS
- G = GLAZING

### CORE SIZE LEGEND

STEEL STUDS	WOOD STUDS	MASONRY (WIDTH)	CONCRETE (WIDTH)
1 = 7/8"			
2 = 1 5/8"	1 1/2"		
3 = 2 1/2"	2 1/2"		
4 = 3 5/8"	3 1/2"	MASONRY SIZE 4"	
5 =			
6 = 6"	5 1/2"	MASONRY SIZE 6"	CONCRETE 6"
8 = 8"	7 1/4"	MASONRY SIZE 8"	CONCRETE 8"
10 = 10"	9 1/4"	MASONRY SIZE 10"	CONCRETE 10"
12 = 12"	11 1/4"	MASONRY SIZE 12"	CONCRETE 12"
14 =			
16 =		MASONRY SIZE 16"	CONCRETE 14"

**SUPERSCRIPT NOTES:**  
A - HAT CHANNEL FLIRING IN LIEU OF METAL STUD  
B - IF WALL IS STRUCTURAL, DO NOT TAG WALL OR INCLUDE IN WALL TYPES

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

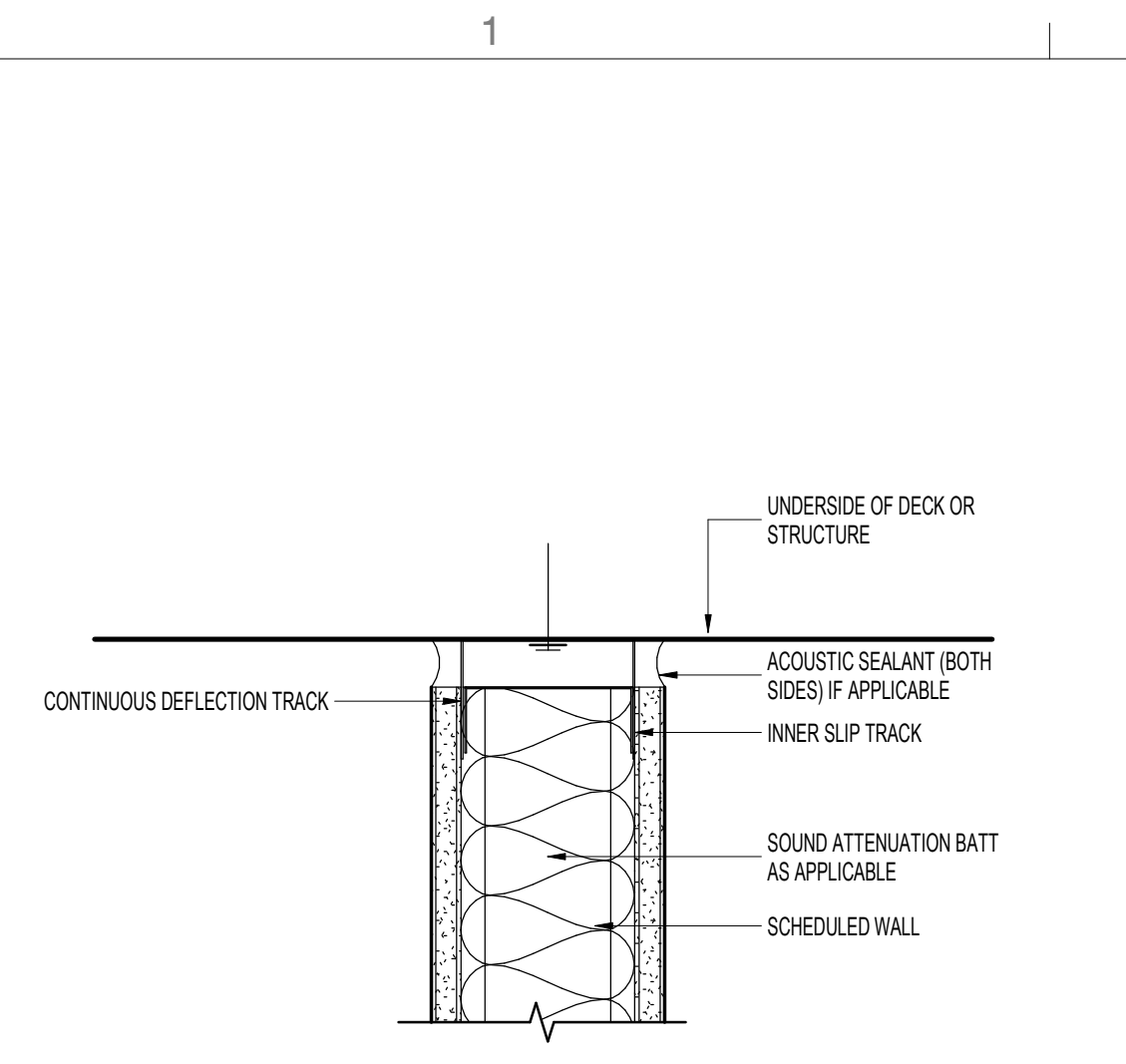
project #: 24.0310  
date: SEPT 27, 2024

revisions :

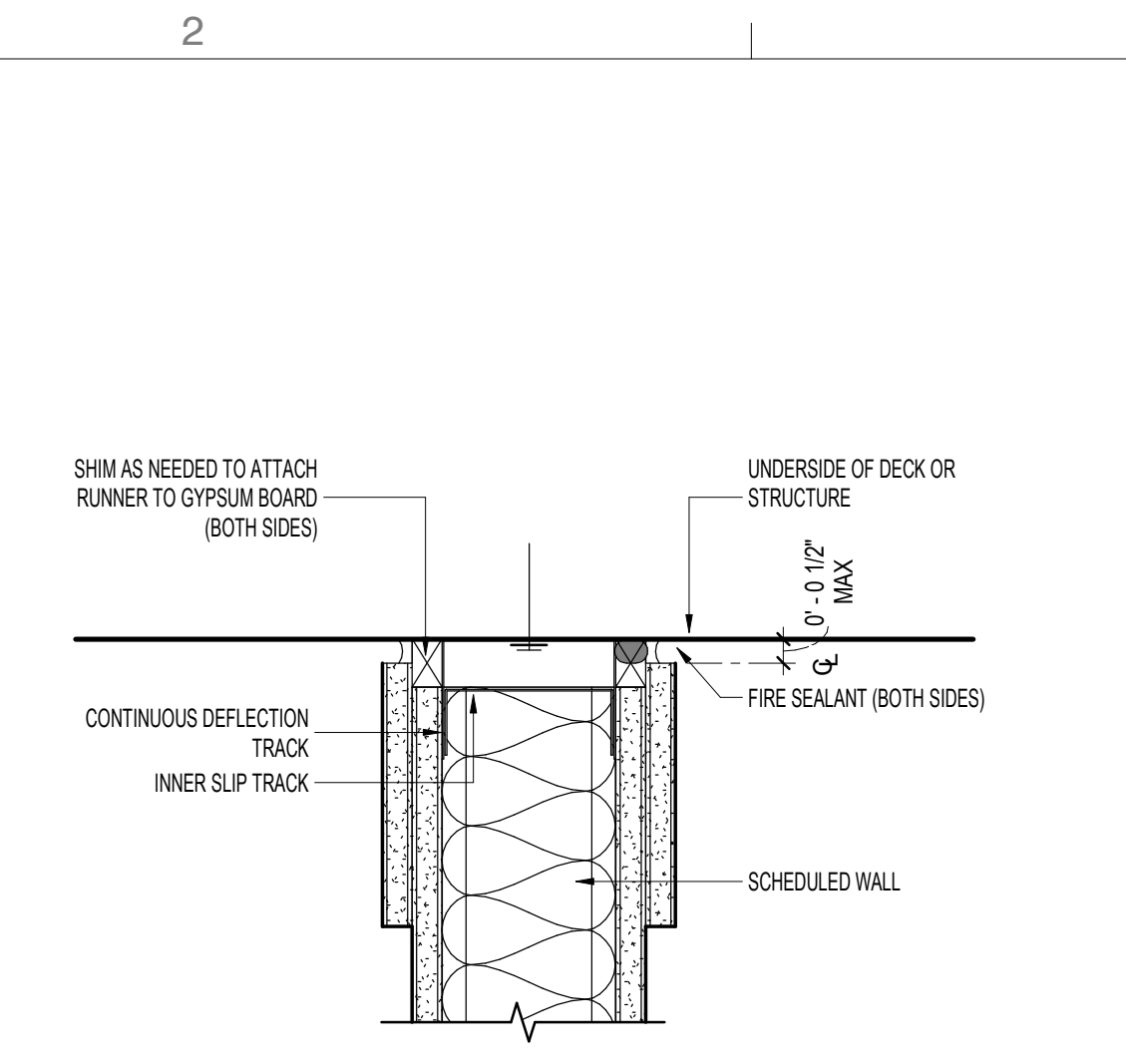
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**INTERIOR  
WALL  
ASSEMBLIES**

sheet:  
**A501**

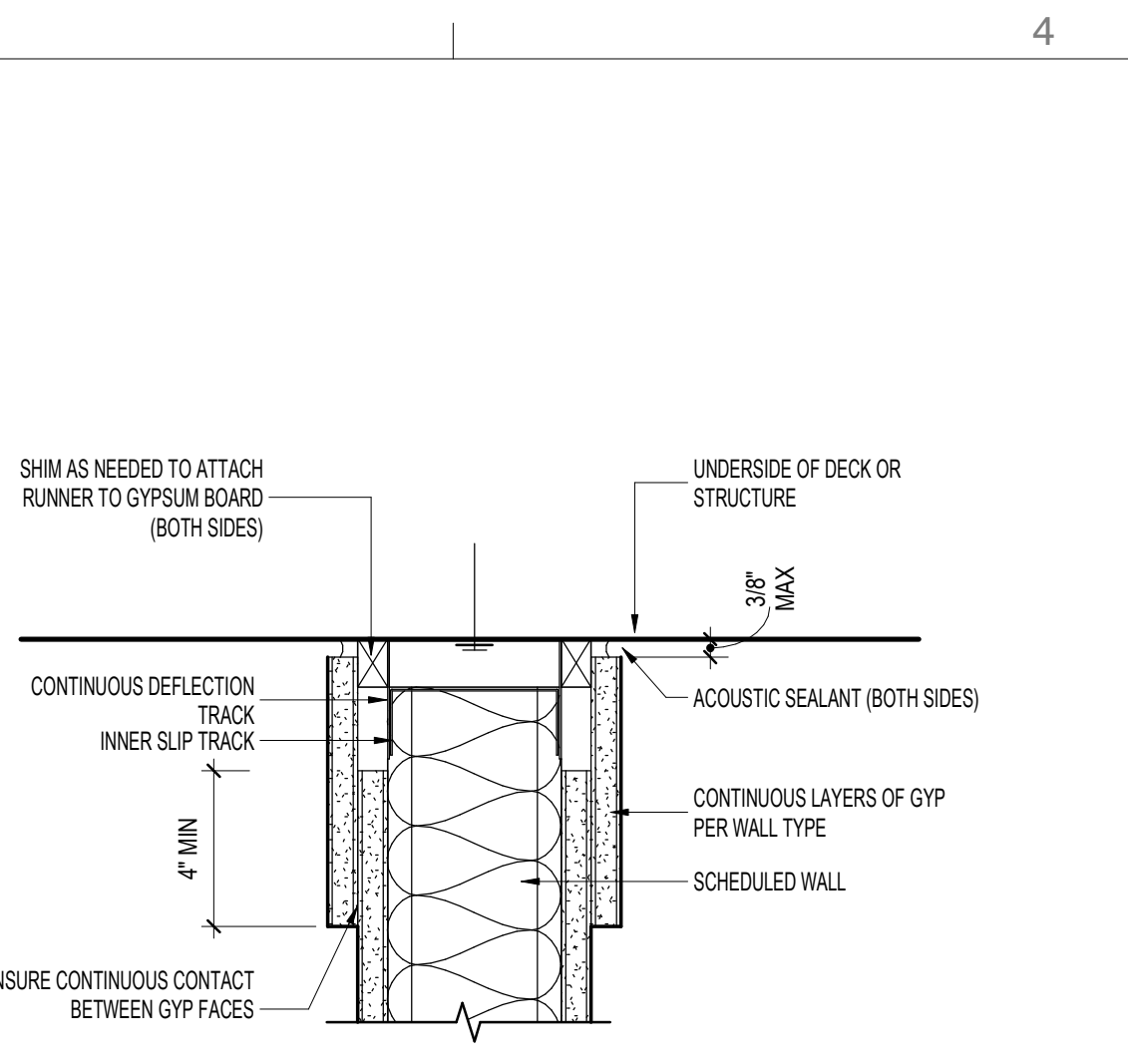
CONSTRUCTION DOCUMENT



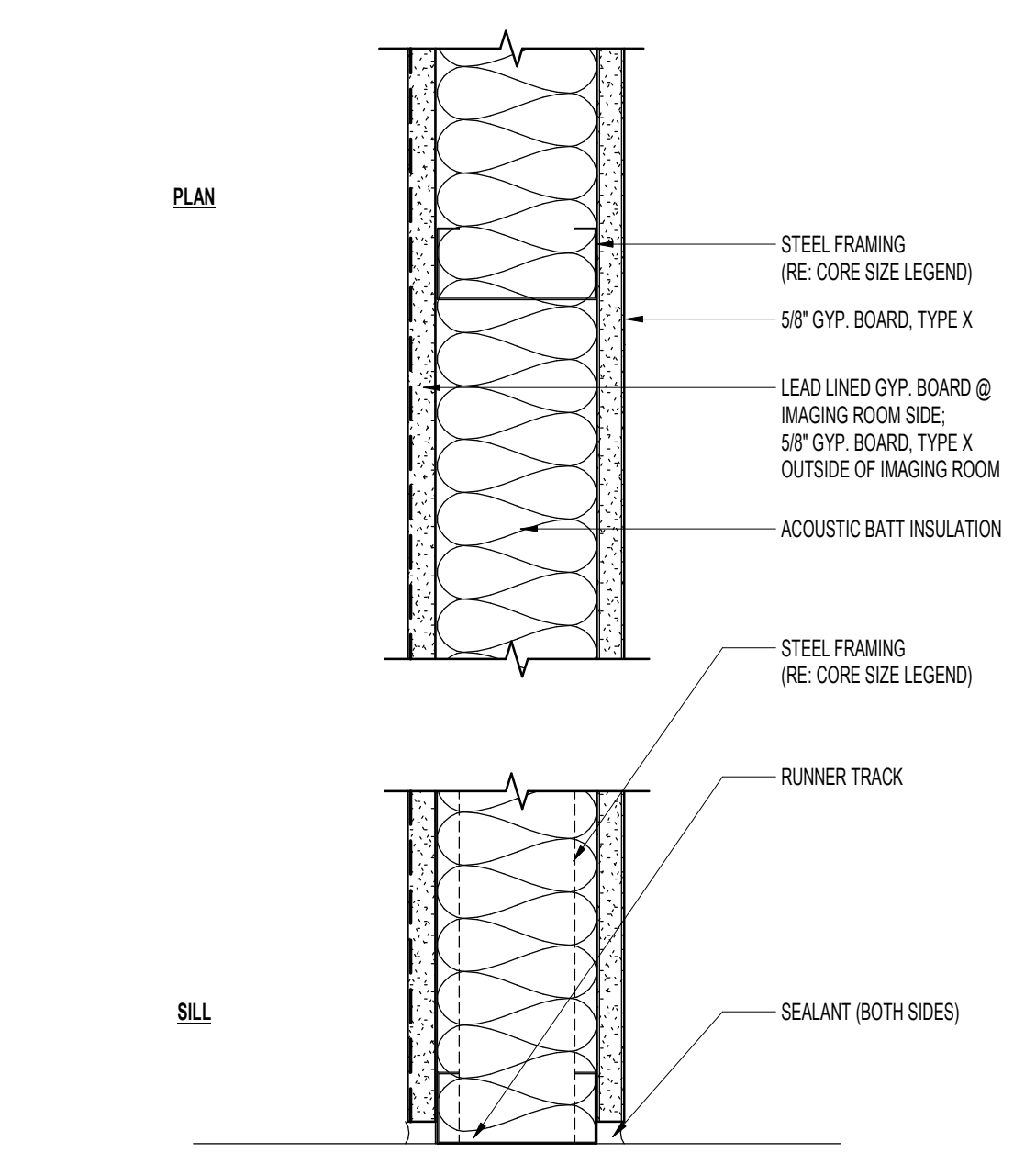
**E1** TYPICAL STEEL STUD PARTITION HEAD  
3" = 1'-0"



**E2** 1-HR FIRE RATED STEEL STUD PARTITION HEAD  
3" = 1'-0"



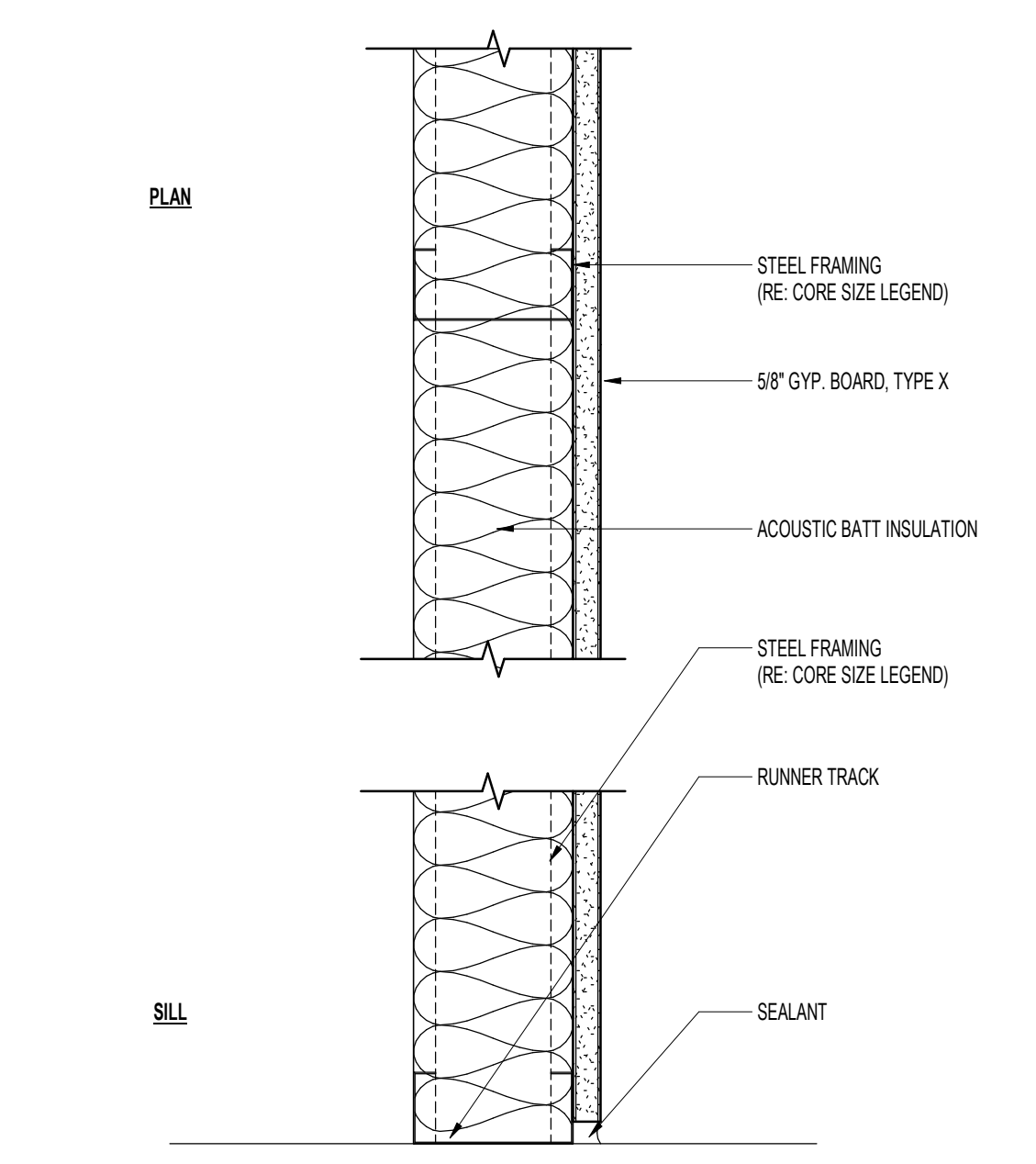
**E3** STEEL STUD ACOUSTIC PARTITION HEAD  
3" = 1'-0"



**SA** INTERIOR PARTITION  
FIRE RATING: SEE SCHEDULE  
SOUND RATING (STC): SEE SCHEDULE  
UL DESIGN NUMBER: SEE SCHEDULE

NOTE: ALL WALLS GO UP TO UNDERSIDE OF DECK OR STRUCTURE UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SUCH AS RATED WALL ASSEMBLIES AND SMOKE PARTITIONS NOT NOTED IN PLAN. RE. A501 FOR HEAD CONDITION DETAILS.

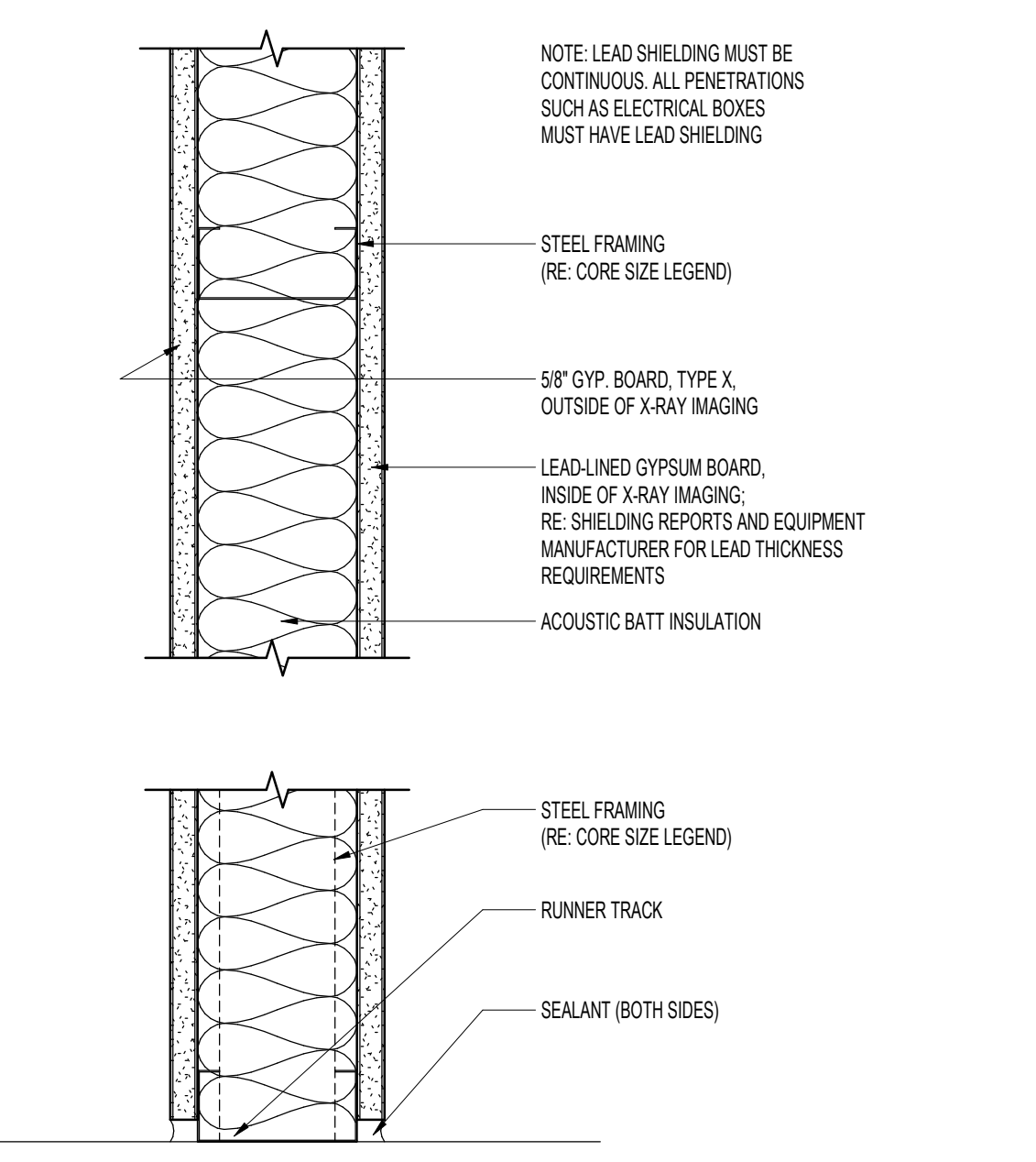
PARTITION TAG	FIRE RATING	HEAD DETAIL	STUD DEPTH	CORE SIZE (INCH)	TOTAL THICKNESS	LOAD BEARING	FIRE TEST	STC RATING
SA4		E3A501	3 5/8"	4	0'-4 7/8"	RE. STRUCTURAL		STC 46
SA4b		E3A501	3 5/8"	4	0'-4 7/8"	RE. STRUCTURAL		STC 46
SA6		E3A501	6"	6	0'-7 1/4"	RE. STRUCTURAL		STC 51
1SA4	1 HR	E2A501	3 5/8"	4	0'-4 7/8"	RE. STRUCTURAL	U465	STC 46



**SB** INTERIOR PARTITION  
FIRE RATING: SEE SCHEDULE  
SOUND RATING (STC): SEE SCHEDULE  
UL DESIGN NUMBER: SEE SCHEDULE

NOTE: ALL WALLS GO UP TO UNDERSIDE OF DECK OR STRUCTURE UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SUCH AS RATED WALL ASSEMBLIES AND SMOKE PARTITIONS NOT NOTED IN PLAN. RE. A501 FOR HEAD CONDITION DETAILS.

PARTITION TAG	FIRE RATING	HEAD DETAIL	STUD DEPTH	CORE SIZE (INCH)	TOTAL THICKNESS	LOAD BEARING	STC RATING
SB4		E3A501	3 5/8"	4	0'-4 1/4"	RE. STRUCTURAL	STC 34



**SJ** INTERIOR PARTITION (LEAD)  
FIRE RATING: SEE SCHEDULE  
SOUND RATING (STC): SEE SCHEDULE  
UL DESIGN NUMBER: SEE SCHEDULE

NOTE: ALL WALLS GO UP TO UNDERSIDE OF DECK OR STRUCTURE UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SUCH AS RATED WALL ASSEMBLIES AND SMOKE PARTITIONS NOT NOTED IN PLAN. RE. A501 FOR HEAD CONDITION DETAILS.

PARTITION TAG	FIRE RATING	HEAD DETAIL	STUD DEPTH	CORE SIZE (INCH)	TOTAL THICKNESS	LOAD BEARING	STC RATING
SJ4b		E3A501	3 5/8"	4	0'-4 7/8"	RE. STRUCTURAL	
SJ6b		E3A501	6"	6	0'-7 1/4"	RE. STRUCTURAL	



### TSN MID WALL SCHEDULE:

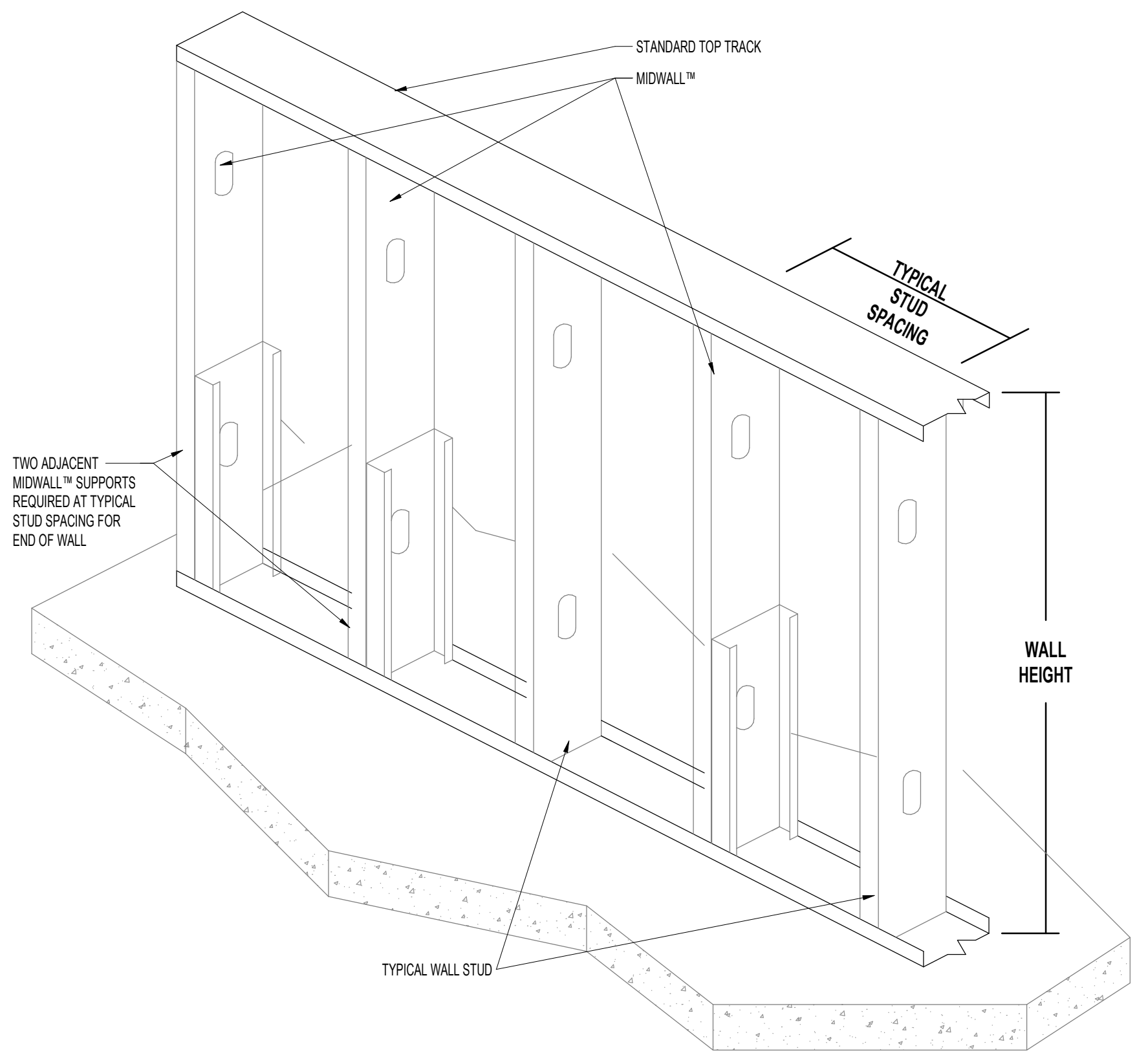
Top Stud Spacing	Max Wall Height	Mid Wall to base connection	Comment
320MW-24	16'0" 4'-0"	1/2" dia HAS-E Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 4'-0"	1/2" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 7'-0"	1/2" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 7'-0"	1/2" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 3'-6"	(2) 3/8" dia Kwik Bolt 3. Embed=2.375"	For Concrete over metal deck
320MW-48	24'0" 3'-6"	(2) 3/8" dia HAS-E Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab
320MW-24	16'0" 3'-0"	(2) 3/8" dia Kwik Bolt 3. Embed=2.375"	For Concrete over metal deck
320MW-48	24'0" 3'-0"	(2) 3/8" dia HAS-E Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab
320MW-24	16'0" 8'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 8'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 4'-0"	(2) 3/8" dia Kwik Bolt 3. Embed=2.375"	For Concrete over metal deck
320MW-48	24'0" 4'-0"	(2) 3/8" dia HAS-E Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab
320MW-24	16'0" 4'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 4'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min	For Concrete Slab only. EOR must design base connection for concrete over metal deck application

Note: Max wall height are calculated based on one 58" GYP BD on each side  
MidWall attaches to every other stud. studs attach to MidWall@x3/2. All other typ stud@x3/3.33. typ top track@x1.725-33  
Base connection based on concrete slab or concrete on metal deck with minimum compressive strength. f<sub>c</sub>=3000psi

### TSN MID WALL SCHEDULE (W/ HANDRAIL LOAD):

Top Stud Spacing	Max Wall Height	Mid Wall to base connection	Comment
320MW-24	16'0" 4'-0"	1/2" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 4'-0"	1/2" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=6"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 4'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 4'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 8'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 8'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 7'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 7'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 4'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 4'-0"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-24	16'0" 10'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application
320MW-48	24'0" 10'-6"	(2) 3/8" dia HAS Super Threaded Epoxy Anchor w/ HT-HY 200. Embed=2.375"min to Concrete Slab	For Concrete Slab only. EOR must design base connection for concrete over metal deck application

Note: Max wall height are calculated based on one 58" GYP BD on each side  
MidWall attaches to every other stud. studs attach to MidWall@x3/2.54. All other typ stud@x3/3.33. typ top track@x1.725-33  
Handrail loads (500 or 2000) are applied 4'-0" above the base connection  
Base connection based on concrete slab or concrete on metal deck minimum compressive strength f<sub>c</sub>=3000psi

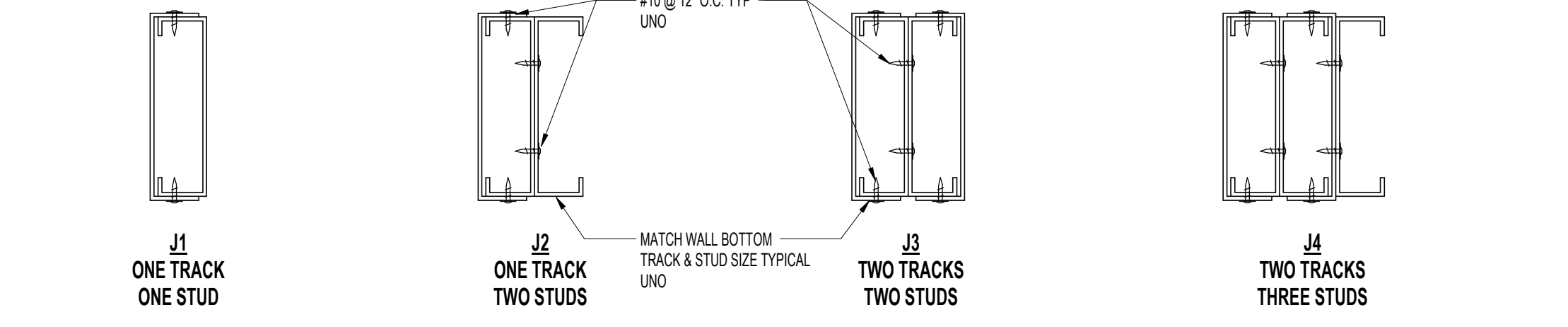


MIDWALL SUPPORT DETAIL  
SCALE: NONE

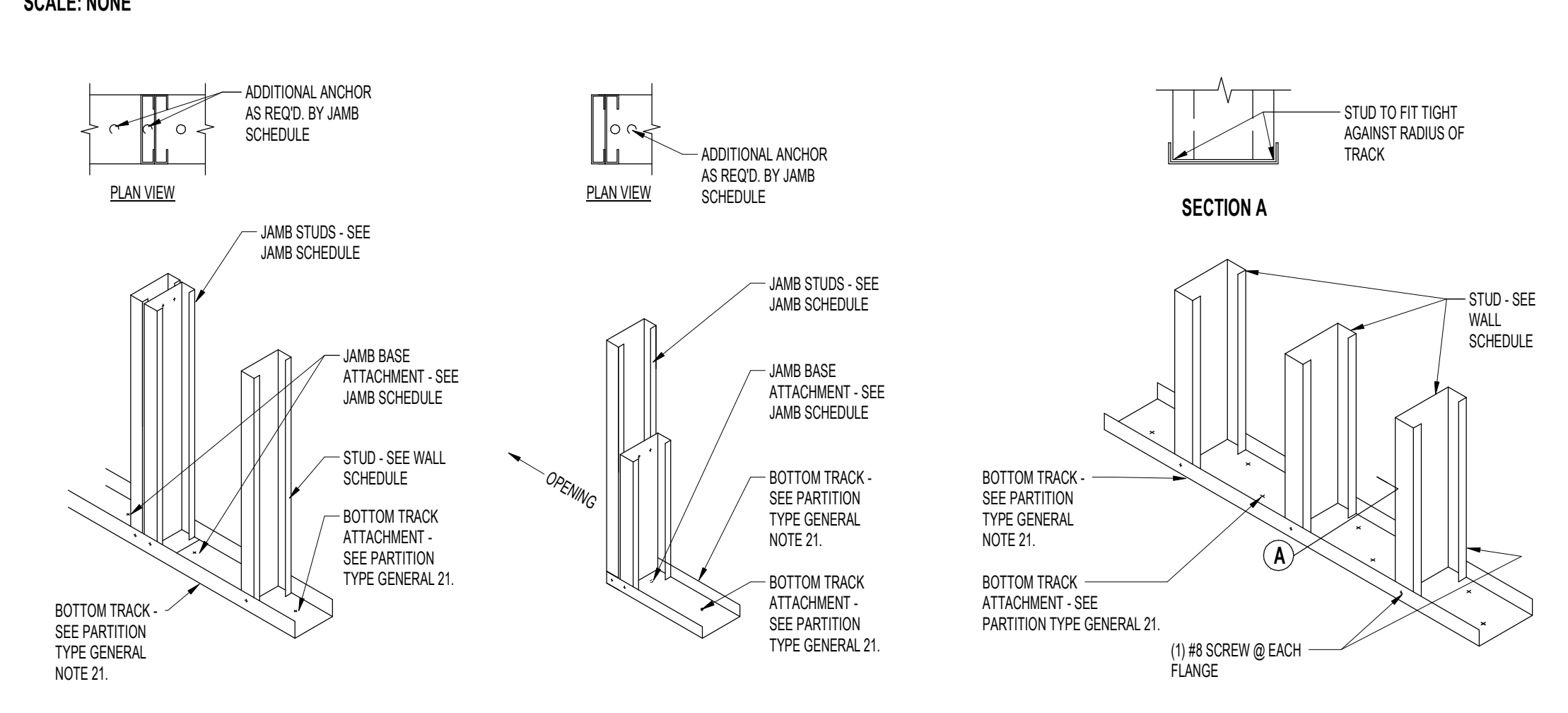
### STANDARD FRAMING JAMB STUD SCHEDULE

JAMB DEPTH	MAX. JAMB HEIGHT	MAX. OPENING WIDTH	JAMB COMPONENTS	CONFIGURATION	BASE CONNECTION	TOP CONNECTION
2-1/2"	12'-0"	4'-0"	(2)2505162-33 & (1)20201150-33 8'-0" (1 layer Gyp each side Max.) 12'-0" (1 layer Gyp 1 side Max.)	J2 J3	(1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 2 Type 2
3-5/8"	10'-0"	4'-0"	3623137-33 & 3627125-33 3623137-33 & 3627125-33 3623137-33 & 3627125-33	J1 J1 J1	(1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 2 Type 2
	15'-0"	4'-0"	3623137-33 & 3627125-33 3623030-33 & 3627125-33	J1 J1	(1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 2
	12'-0"	8'-0"	(2)3625137-33 & (1)3627125-33 (2)3625137-33 & (1)3627125-33	J2 J2	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	18'-0"	8'-0"	(2)3625137-33 & (1)3627125-33 (2)3625137-33 & (1)3627125-33	J2 J2	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	12'-0"	16'-0" (1 layer Gyp each side Max.)	(2)3625200-33 & (2)3627150-33 (2)3625200-33 & (2)3627150-33	J3 J4	(3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	18'-0"	16'-0" (1 layer Gyp each side Max.)	(2)3625200-33 & (2)3627150-33 (2)3625200-33 & (2)3627150-33	J3 J4	(3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
6"	10'-0"	4'-0"	6005137-33 & 6007125-33 6005137-33 & 6007125-33	J1 J1	(1) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 2
	8'-0"	8'-0"	6005137-33 & 6007125-33 6005137-33 & 6007125-33	J1 J1	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	15'-0"	8'-0"	6005137-33 & 6007125-33 6005137-33 & 6007125-33	J1 J1	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	8'-0"	12'-0"	6005137-33 & 6007125-33 6005137-33 & 6007125-33	J1 J1	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	20'-0"	4'-0"	6005137-33 & 6007125-33 6005137-33 & 6007125-33	J1 J1	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 1
	8'-0"	16'-0"	(2)6005137-33 & (1)6007125-33 (2)6005137-33 & (1)6007125-33	J2 J2	(3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
	25'-0"	4'-0"	6005162-33 & 6007150-33 6005162-33 & 6007150-33	J2 J2	(2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (2) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 1 Type 2
	12'-0"	16'-0"	(2)6005162-33 & (1)6007150-33 (2)6005162-33 & (1)6007150-33	J2 J2	(3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD) (3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ) or 1-5/8" (COMD)	Type 2 Type 2
12"	50'-0"	16'-8"	(3)2005350-118 & (2)12007200-54	J4	(3) 3/8" HLTi KH-EZ w/ embed=3-1/4" (SOQ)	Type 2 SEE DETAILS ATTACHED

NOTE: SOQ=SLAB ON GRADE  
COMD=CONCRETE ON METAL DECK



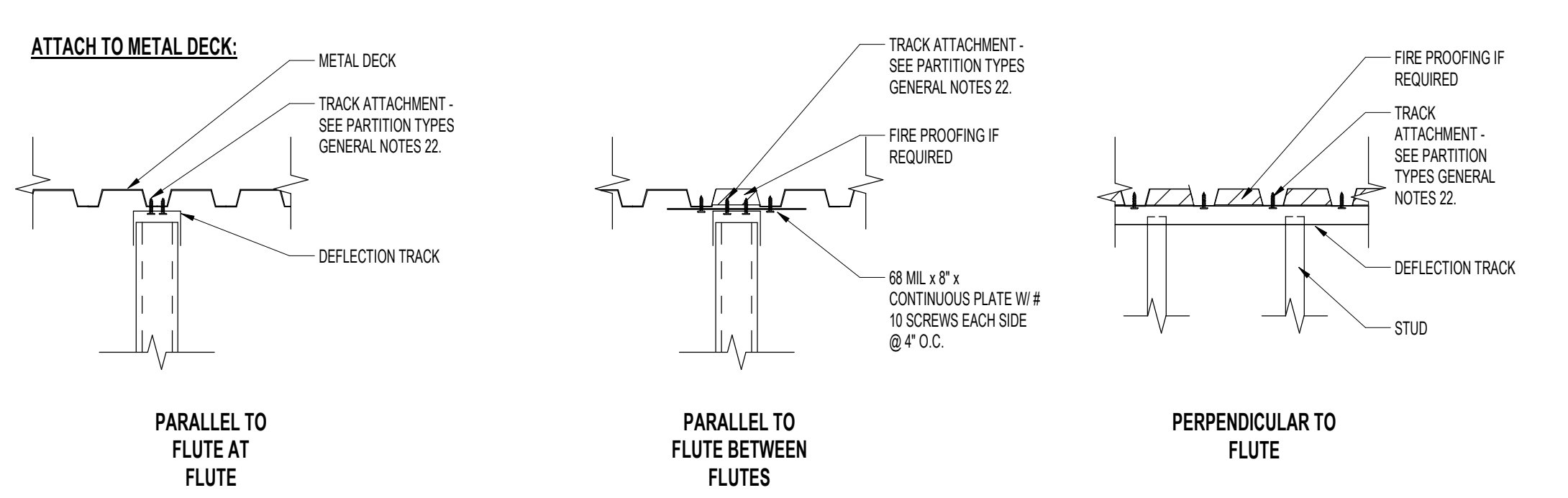
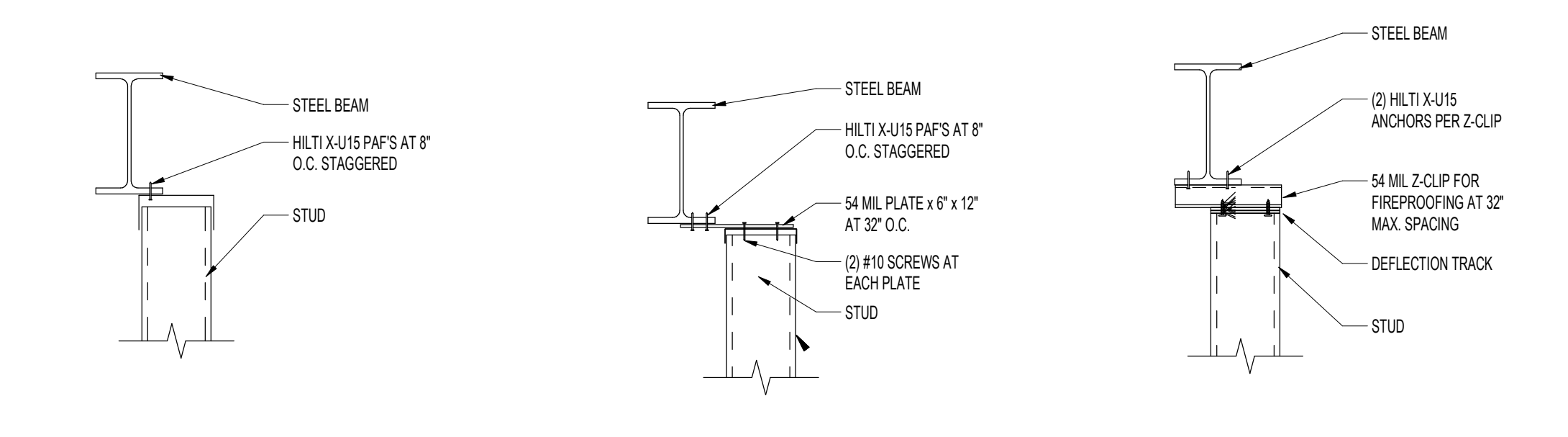
### TYPICAL STEEL STUD JAMB SECTIONS



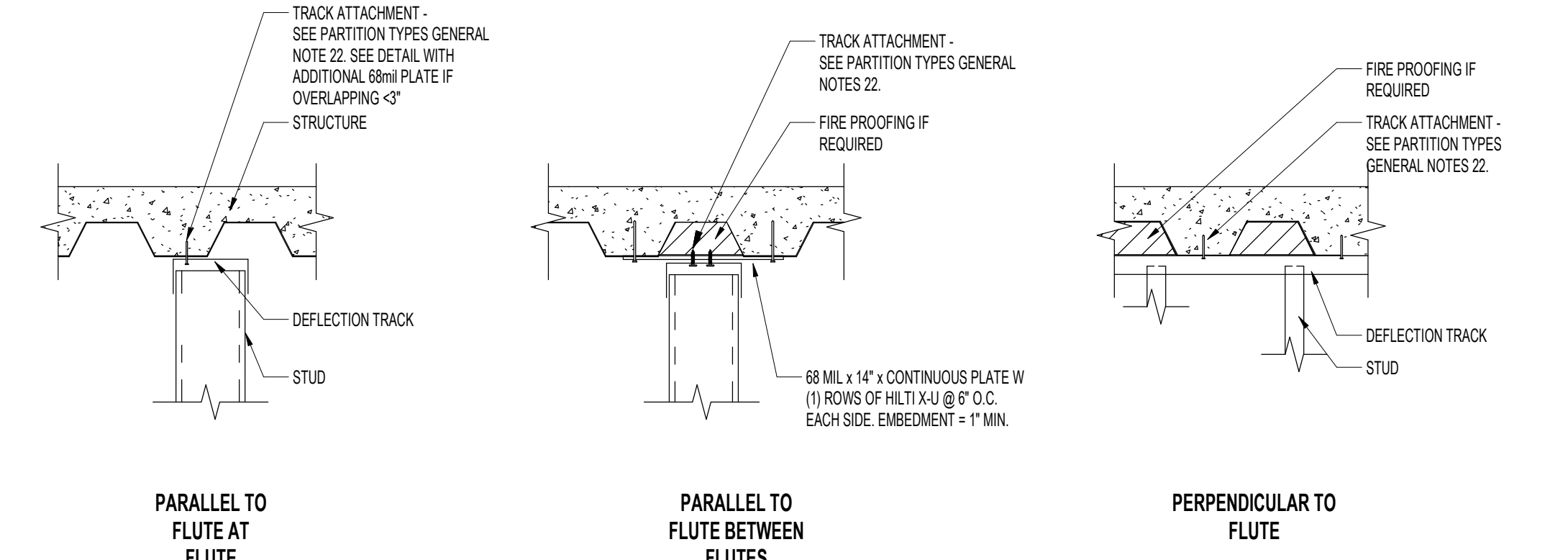
JAMB BASE CONNECTIONS  
SCALE: NONE

TYPICAL BOTTOM TRACK CONNECTIONS  
SCALE: NONE

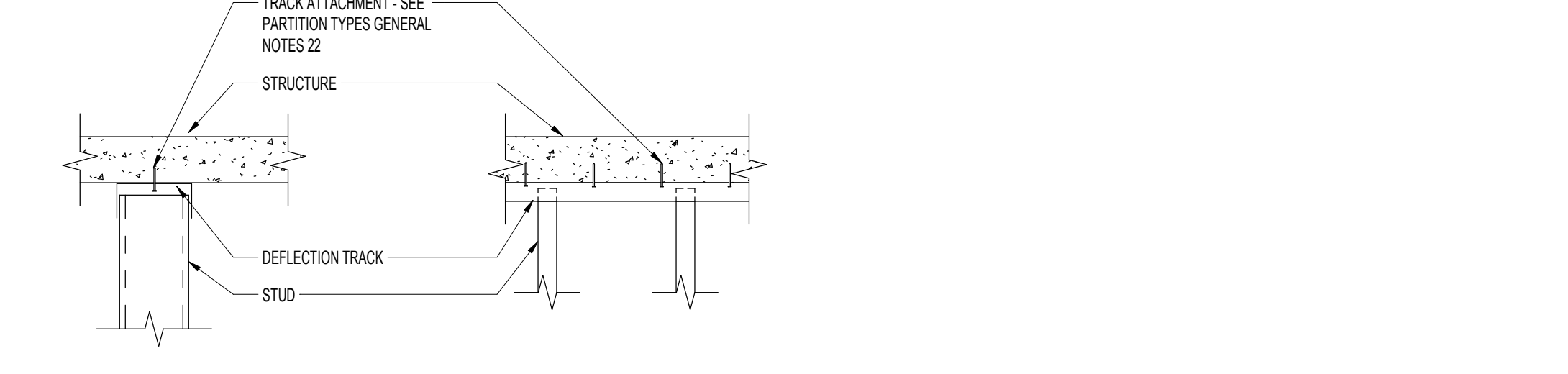
### ATTACH TO STEEL BEAM:



### ATTACH TO CONCRETE SLAB ON METAL DECK:

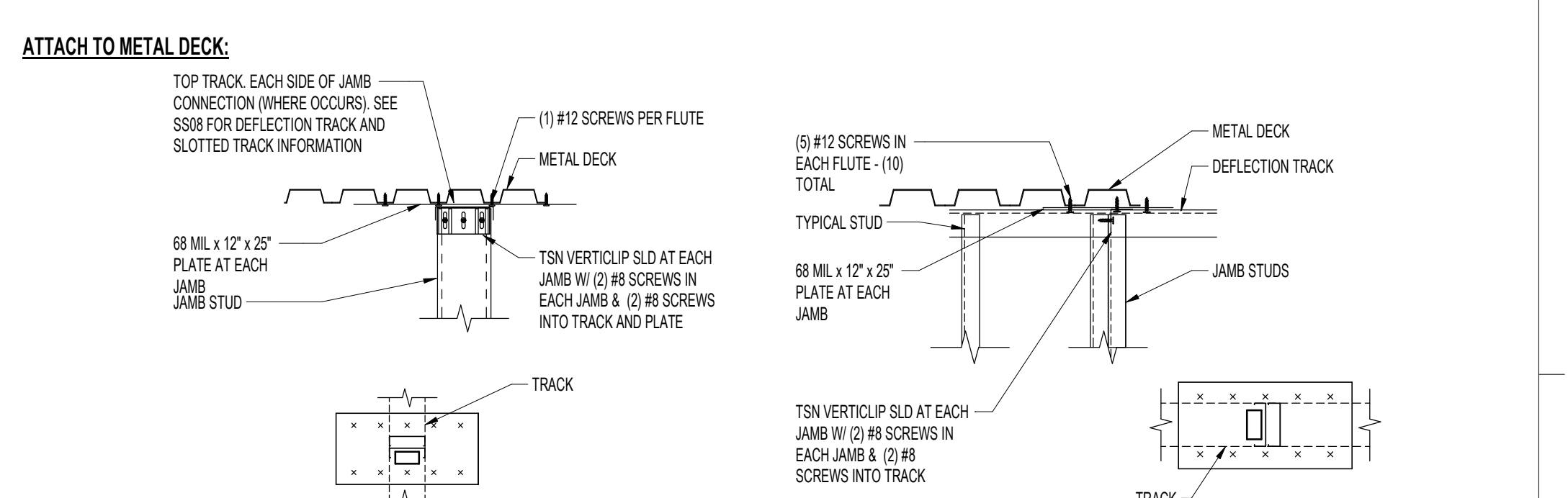
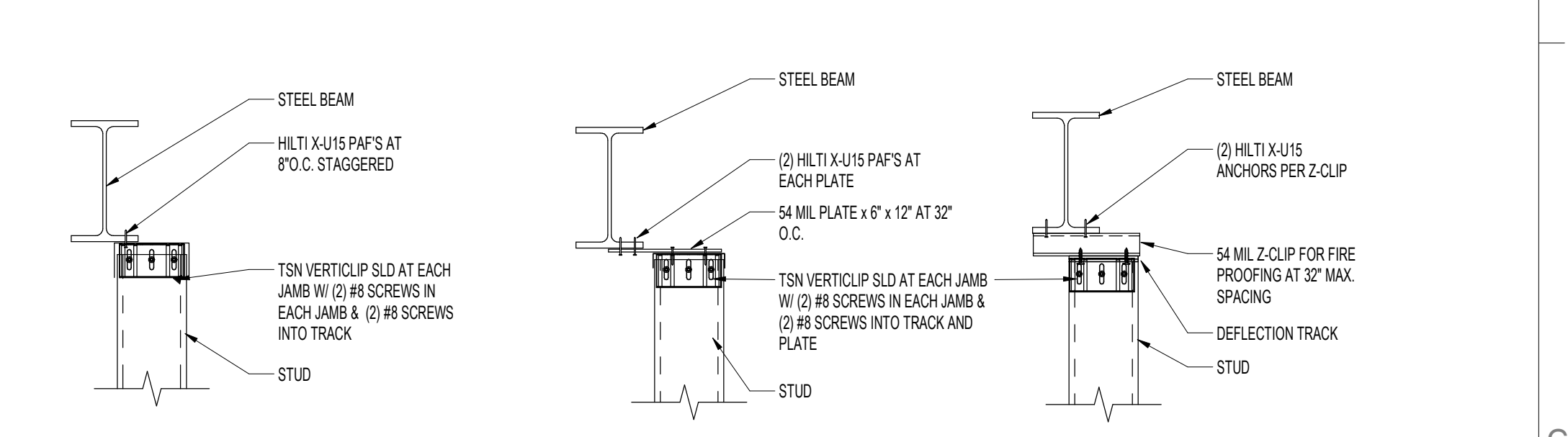


### ATTACH TO CONCRETE SLAB:

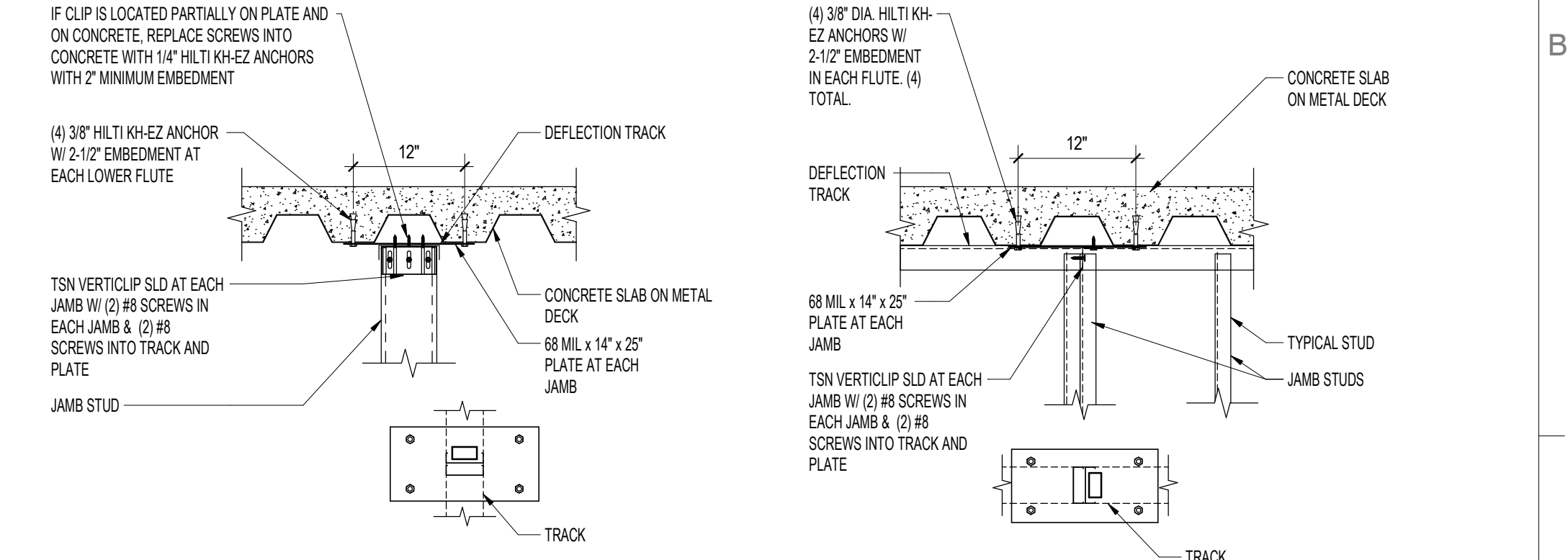


TOP CONNECTION TYPE 1 (DEFLECTION TRACK ATTACHMENT WITHOUT VERTICLIP)  
SCALE: NONE

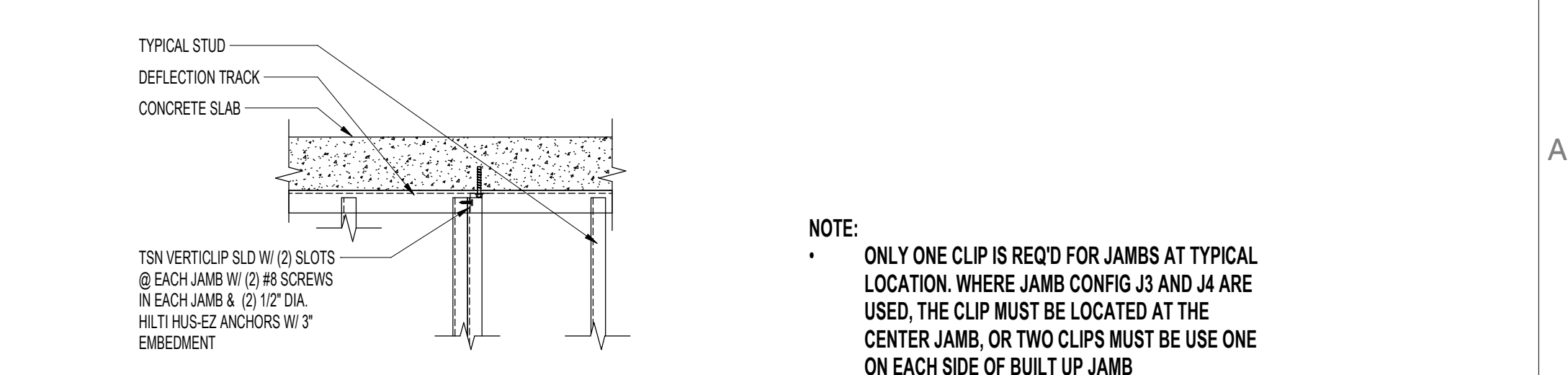
### ATTACH TO STEEL BEAM:



### ATTACH TO CONCRETE SLAB ON METAL DECK:



### ATTACH TO CONCRETE SLAB:

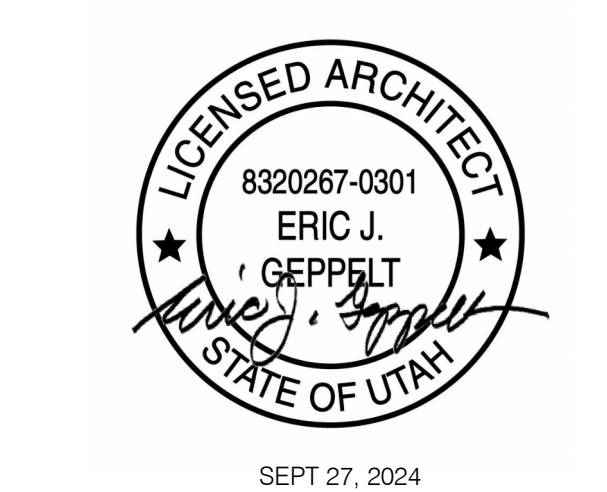


TOP CONNECTION TYPE 2 (DEFLECTION TRACK ATTACHMENT WITH VERTICLIP)  
SCALE: NONE



360 west aspen avenue  
salt lake city, utah 84101  
801 532 4422

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions :

title:  
**STRUCTURAL  
STEEL  
DETAILS**

sheet:

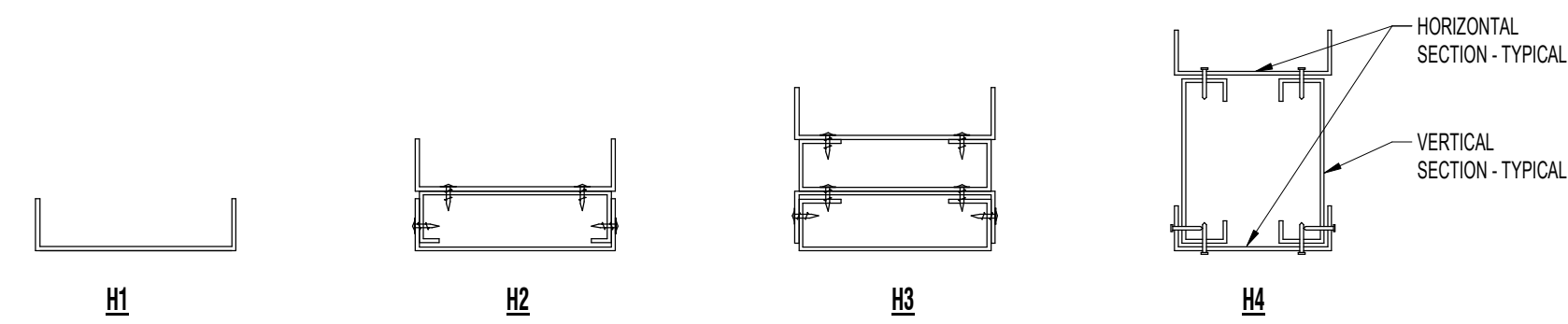
**A503**

CONSTRUCTION DOCUMENT



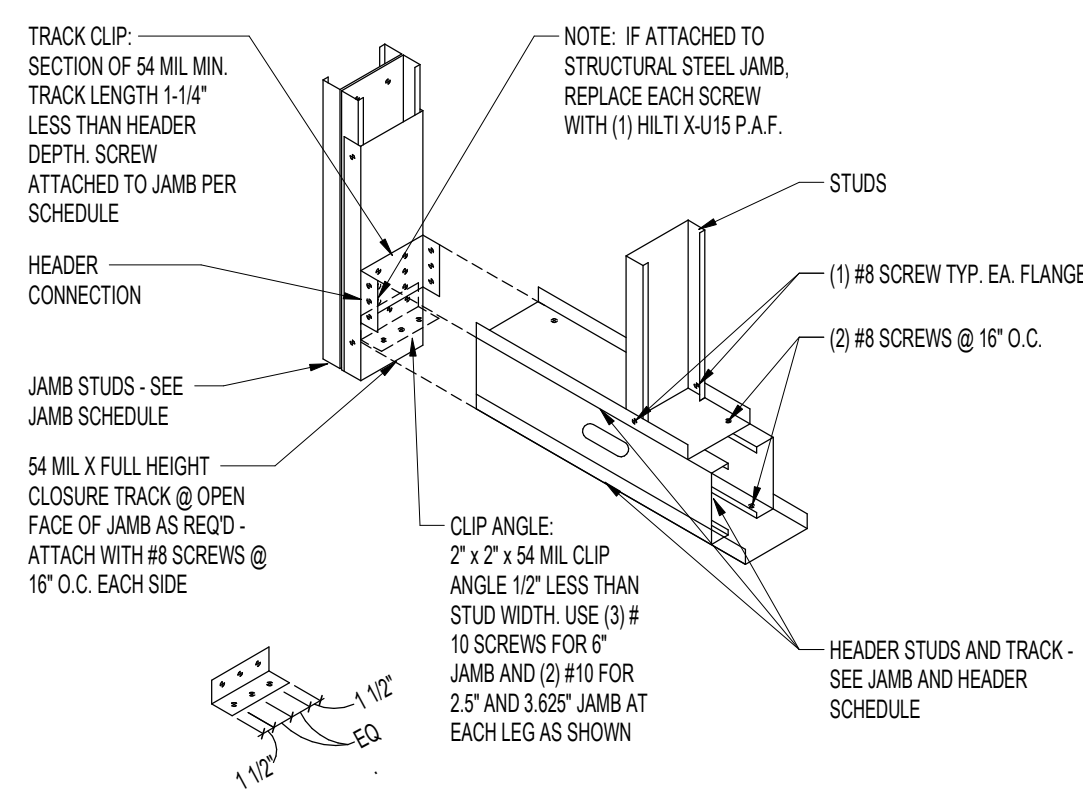
**STANDARD FRAMING HEADER SCHEDULE**

JAMB STUD DEPTH	WALL HEIGHT ABOVE OPENING	MAX. OPENING WIDTH	HORIZONTAL HEADER COMPONENTS	VERTICAL HEADER COMPONENTS	CONFIGURATION	TRACK CLIP TO HEADER/JAMB ATTACHMENT	
2-1/2"	5'-0"	4'-0"	250T200-33	---	H1	(2) #10 SCREWS TO HEADER (2) #10 TO JAMB (2X2X5/8 MIL CLIP ANGLE ONLY)	
		8'-0"	(1)250S162-68 & (2)250T150-68	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB	
		12'-0"	(2)250S162-68 & (2)250T150-68	---	H3	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB	
	3-5/8"	10'-0"	4'-0"	(1)250S162-33 & (2)250T150-33	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB
			8'-0"	(1)250S162-43 & (2)250T150-43	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB
			12'-0"	(2)382T125-33	(2)600S137-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB
15'-0"		4'-0"	(1)382S200-33 & (2)382T150-33	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB	
		8'-0"	(2)382T125-33	(2)600S162-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		12'-0"	(2)382T125-33	(2)600S162-68	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
6"	5'-0"	4'-0"	(1)382S200-33 & (2)382T150-33	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB	
		8'-0"	(2)382T125-33	(2)600S162-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		12'-0"	(2)382T125-33	(2)600S162-68	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
	10'-0"	4'-0"	(1)600S162-33 & (2)600T125-33	---	H2	(4) #10 SCREWS TO HEADER (4) #10 SCREWS TO JAMB	
		8'-0"	(2)600T125-33	(2)600S162-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		12'-0"	(2)600T125-33	(2)600S250-43	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
TYPICAL STUD HEADER SECTIONS	15'-0"	4'-0"	(2)600T125-33	(2)600S162-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		8'-0"	(2)600T125-33	(2)600S200-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		12'-0"	(2)600T125-33	(2)600S250-43	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
	20'-0"	4'-0"	(2)600T125-33	(2)600S162-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		8'-0"	(2)600T125-33	(2)600S200-33	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	
		12'-0"	(2)600T125-33	(2)600S300-68	H4	(6) #10 SCREWS TO HEADER (6) #10 SCREWS TO JAMB	



**TYPICAL STUD HEADER SECTIONS**

SCALE: NONE

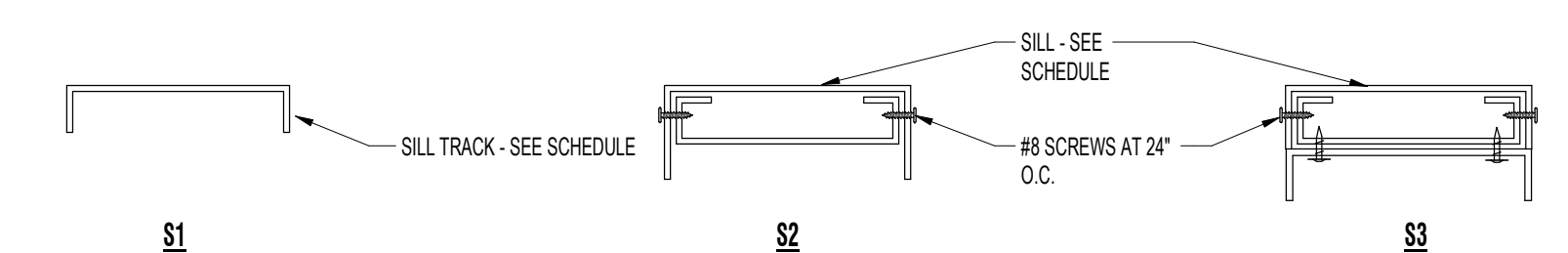


**HEADER CONNECTION DETAIL**

SCALE: NONE

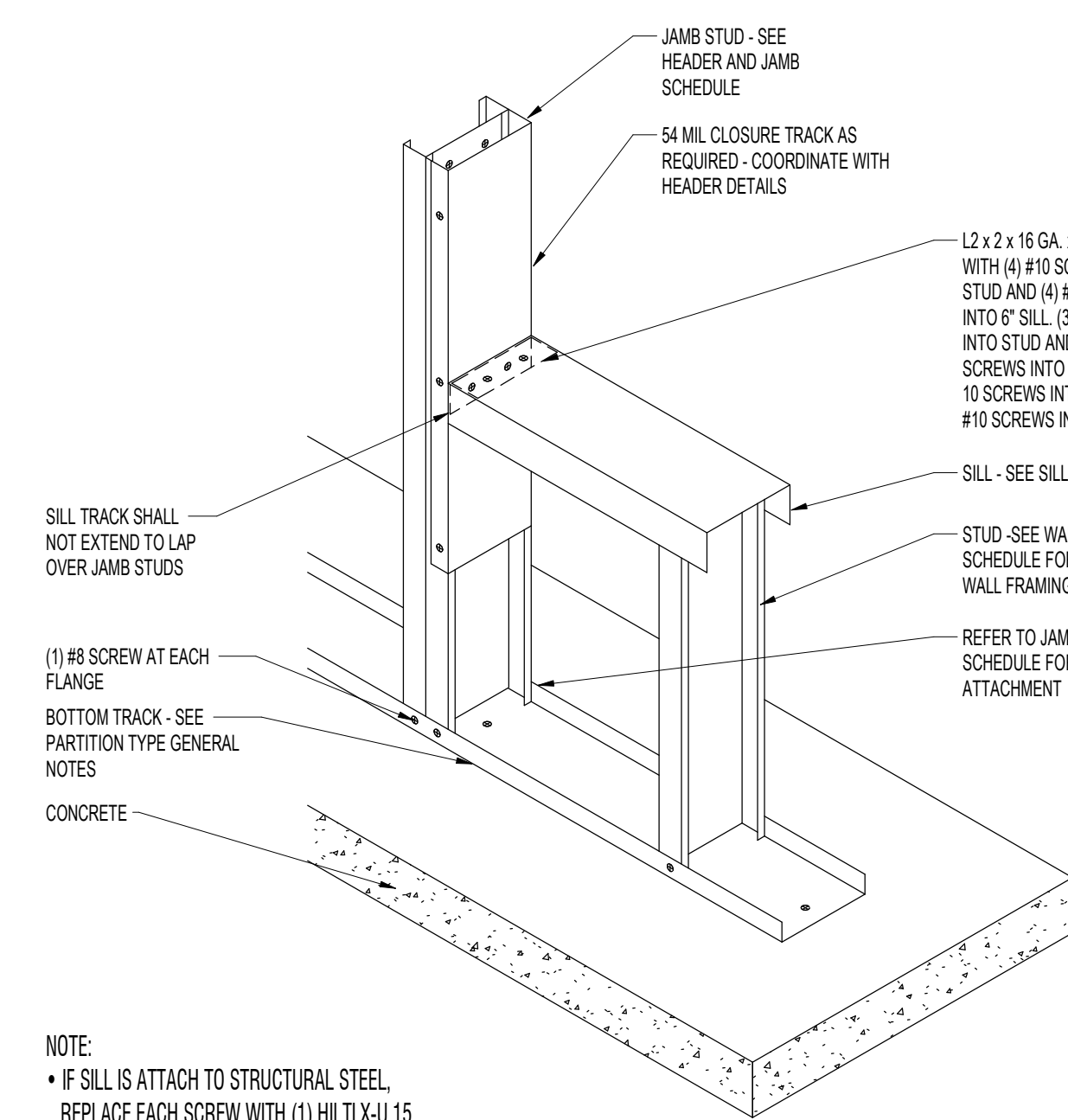
**STANDARD FRAMING SILL SCHEDULE**

JAMB STUD DEPTH	WALL HEIGHT BELOW OPENING	MAX. OPENING WIDTH	SILL COMPONENTS	CONFIGURATION	SILL TO JAMB ANGLE
2-1/2"	5'-0"	4'-0"	250T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	(1)250T250-33 & (1)250S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		10'-0"	250T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
3-5/8"	10'-0"	4'-0"	(1)250T250-54 & (1)250S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	250T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(1)250T250-54 & (1)250S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
	15'-0"	4'-0"	250T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	(1)250T250-68 & (1)250S162-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(1)250T250-68 & (1)250S162-33	S2	2'X2'X5/8 MIL CLIP ANGLE
6"	5'-0"	4'-0"	382T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	(1)382T250-33 & (1)382S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(1)382T250-68 & (1)382S200-33	S2	2'X2'X5/8 MIL CLIP ANGLE
	10'-0"	4'-0"	382T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	(1)382T250-33 & (1)382S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(1)382T250-68 & (1)382S200-33	S2	2'X2'X5/8 MIL CLIP ANGLE
TYPICAL SILL SECTIONS	15'-0"	4'-0"	382T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	(1)382T250-33 & (1)382S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(2)382T250-68 & (1)382S200-33	S3	2'X2'X5/8 MIL CLIP ANGLE
	20'-0"	4'-0"	600T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		8'-0"	600T125-33	S1	2'X2'X5/8 MIL CLIP ANGLE
		12'-0"	(1)600T250-33 & (1)600S137-33	S2	2'X2'X5/8 MIL CLIP ANGLE



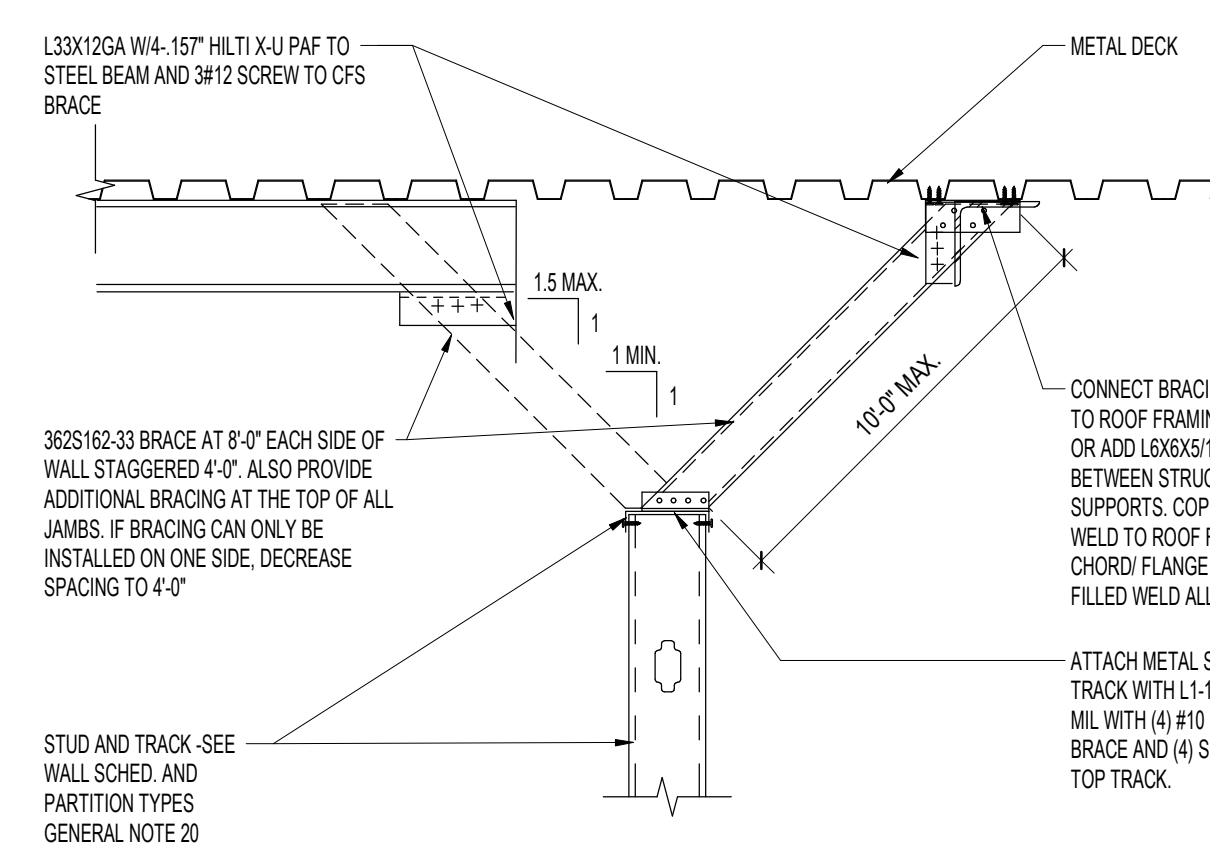
**TYPICAL SILL SECTIONS**

SCALE: NONE



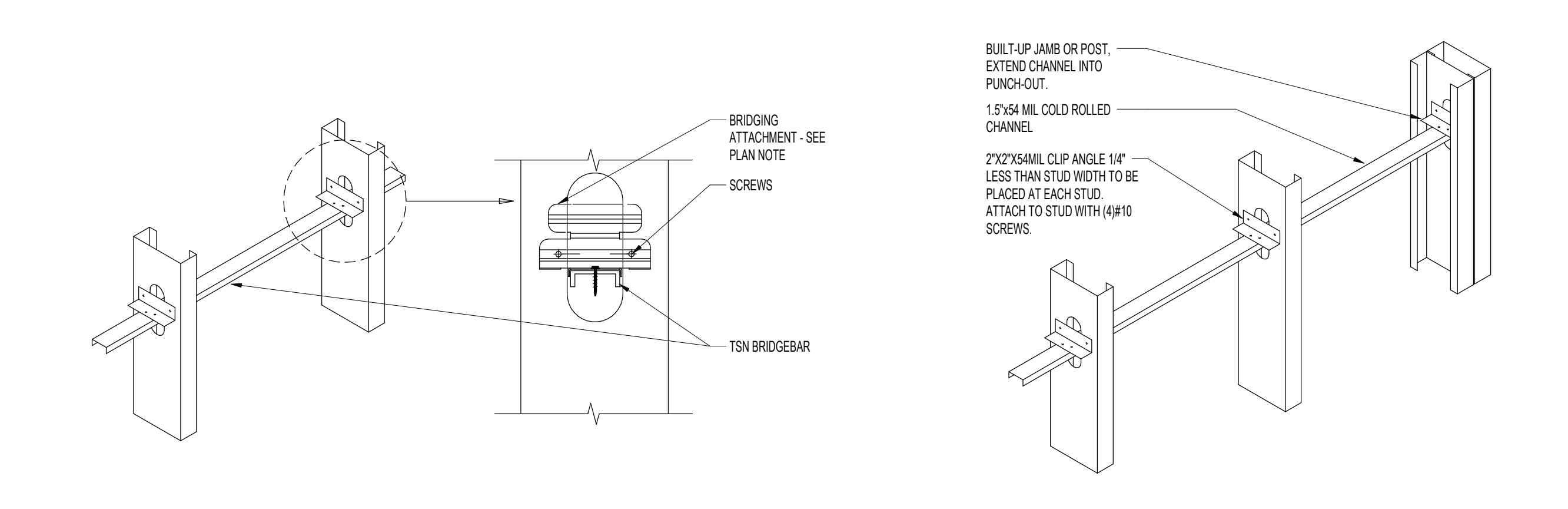
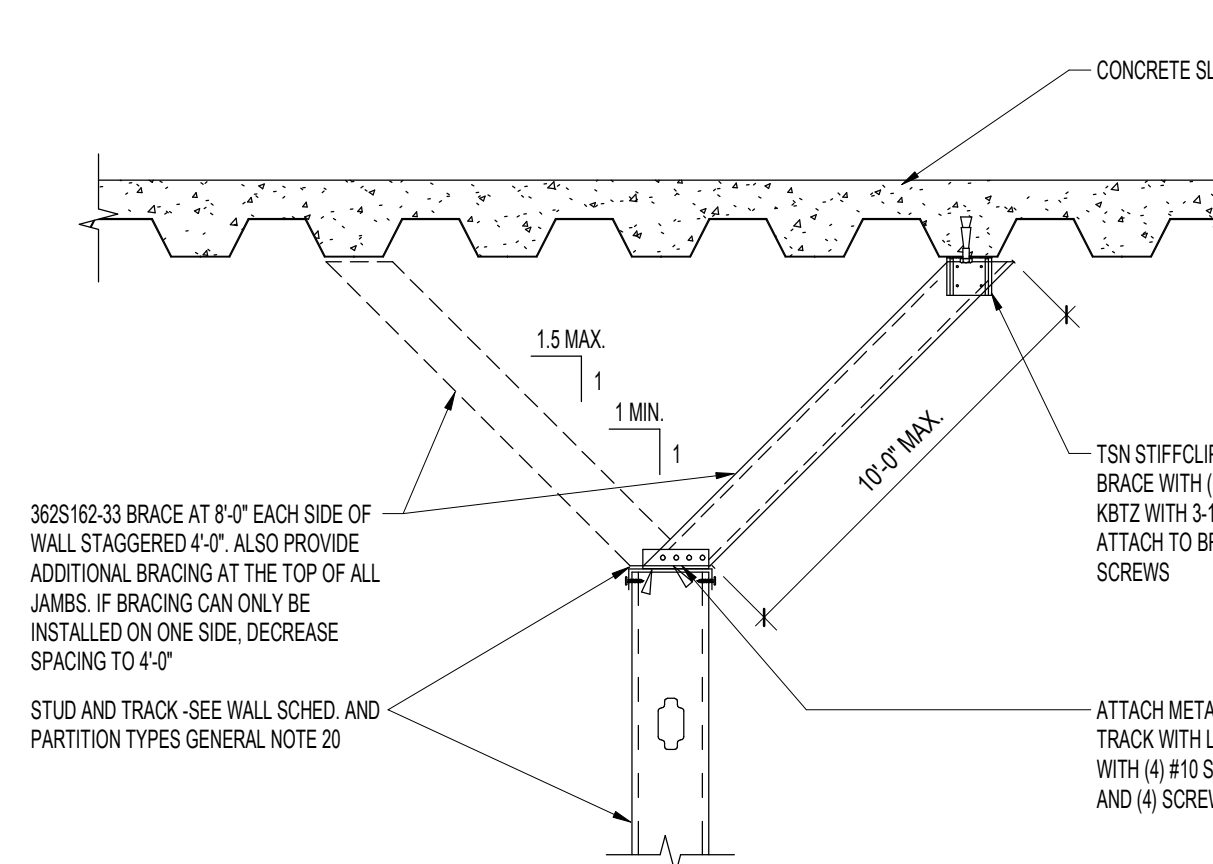
**SILL CONNECTION DETAIL**

SCALE: NONE



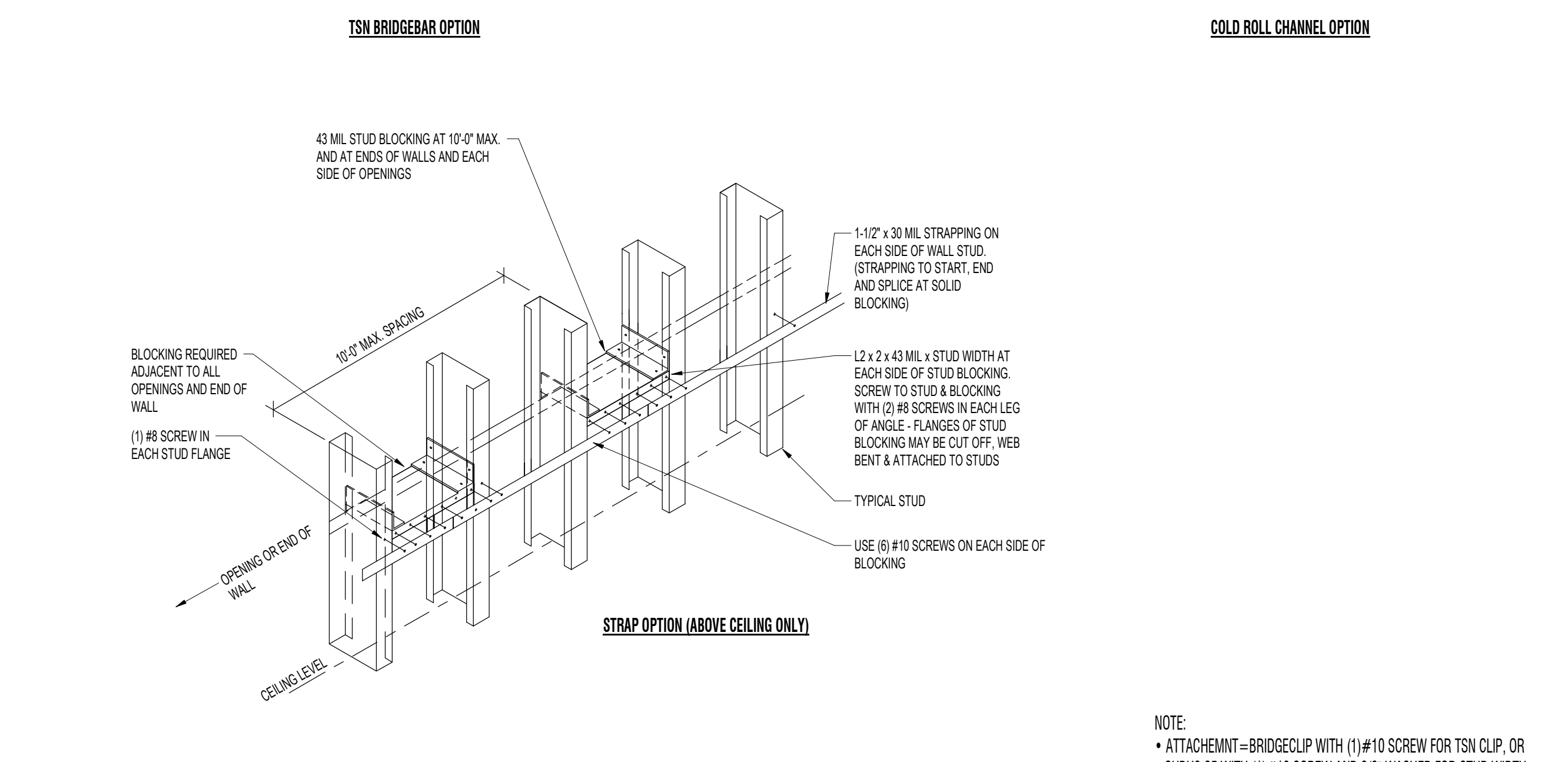
**TOP OF WALL BRACING DETAIL**

SCALE: NONE



**BRIDGING DETAIL**

SCALE: NONE



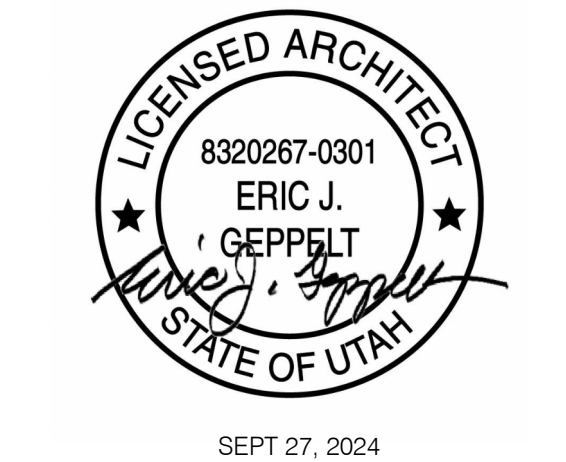
**STRAP DETAIL**

SCALE: NONE



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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions :

title:  
**STRUCTURAL  
STEEL  
DETAILS**

sheet:  
**A504**

CONSTRUCTION DOCUMENT

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

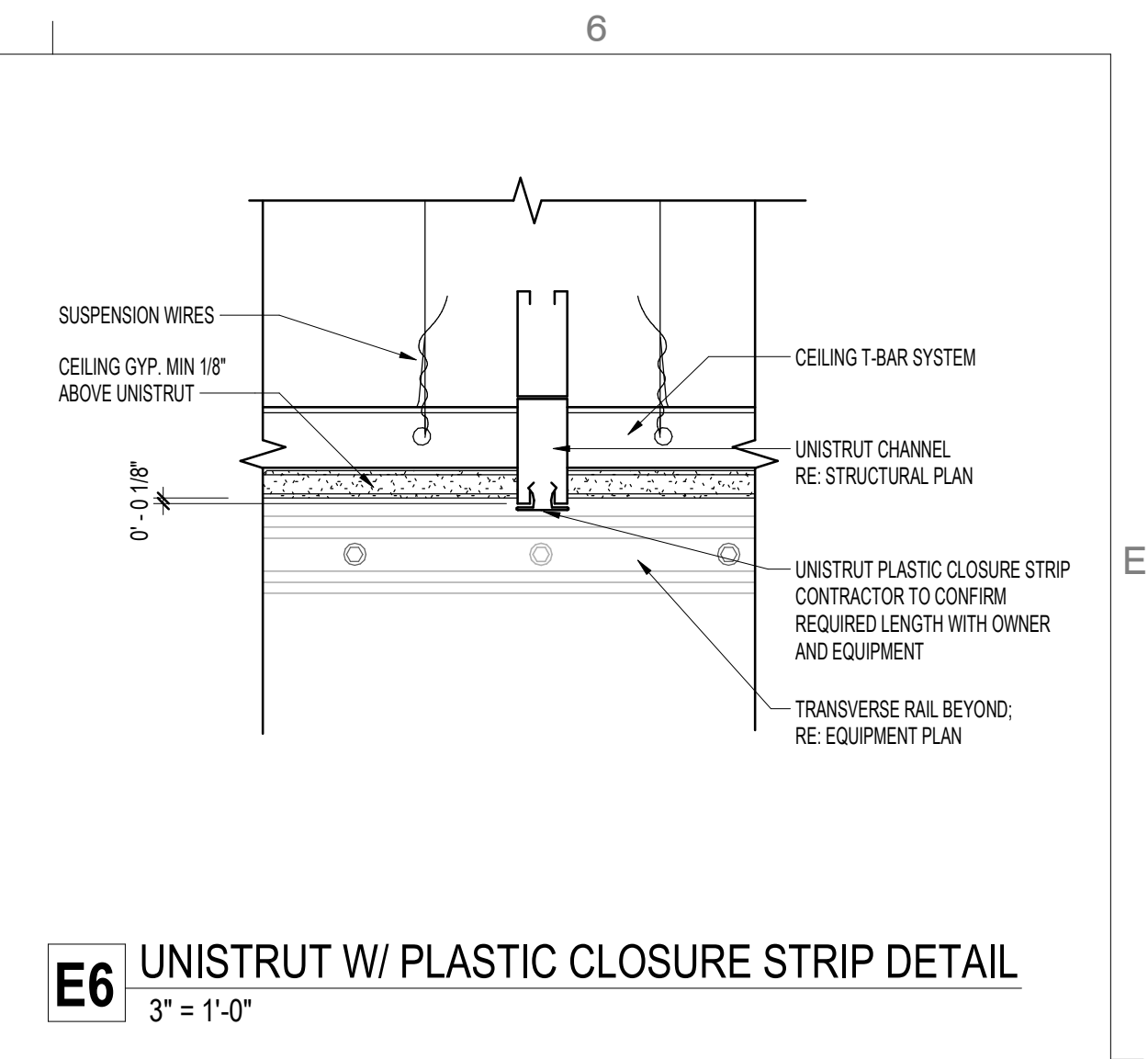
McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024  
revisions :

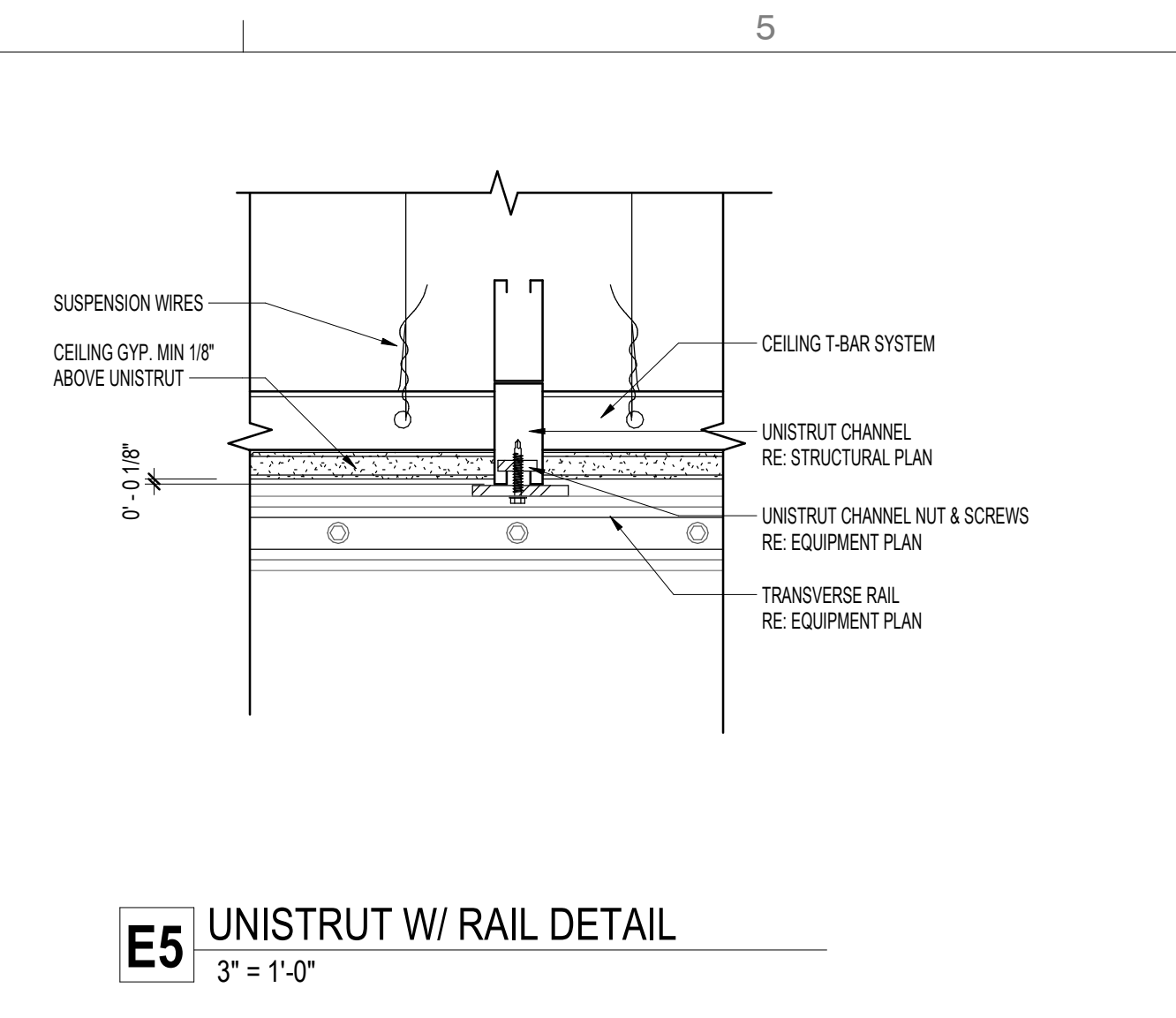
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**CEILING  
DETAILS**

sheet:  
**A531**

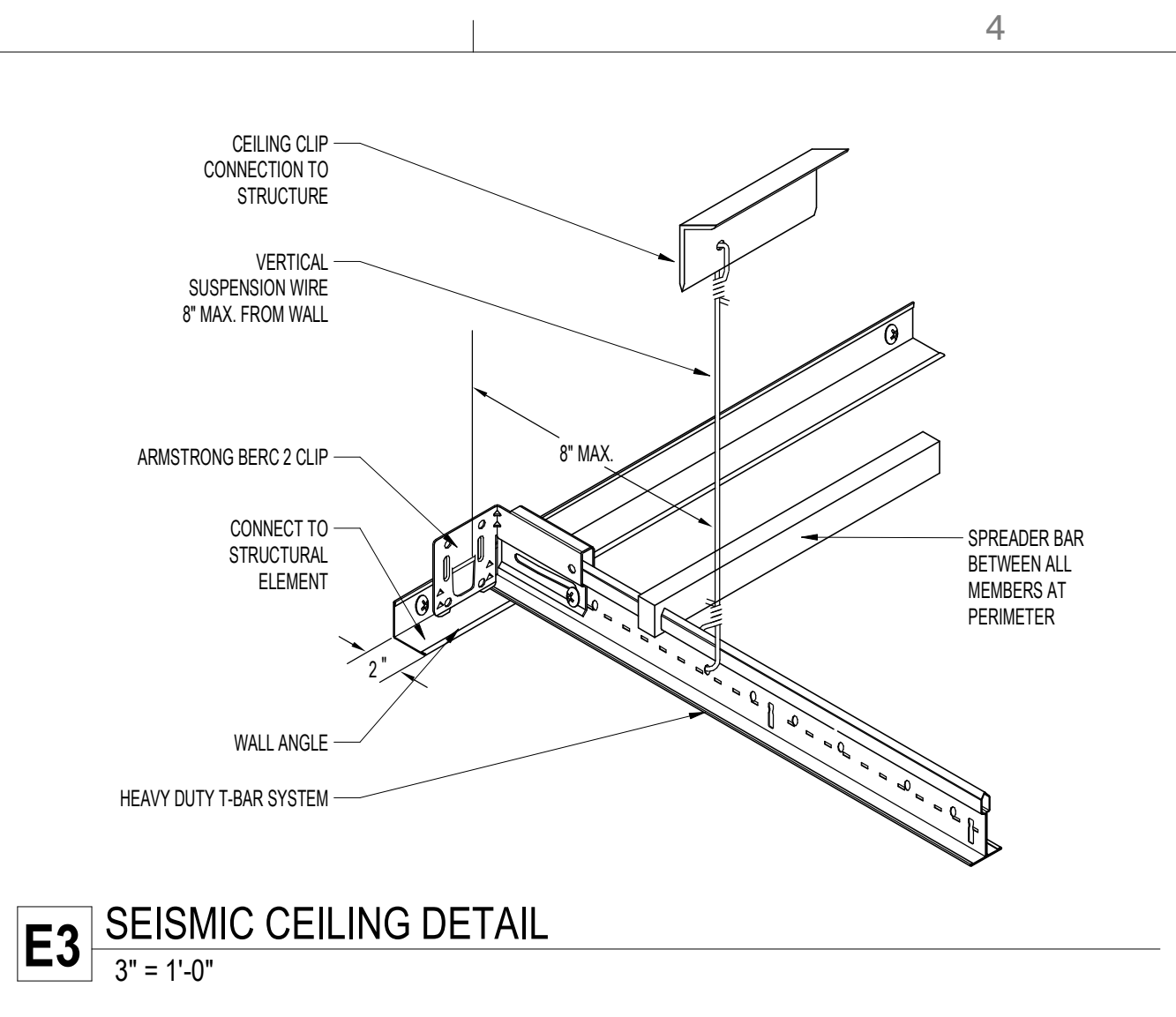
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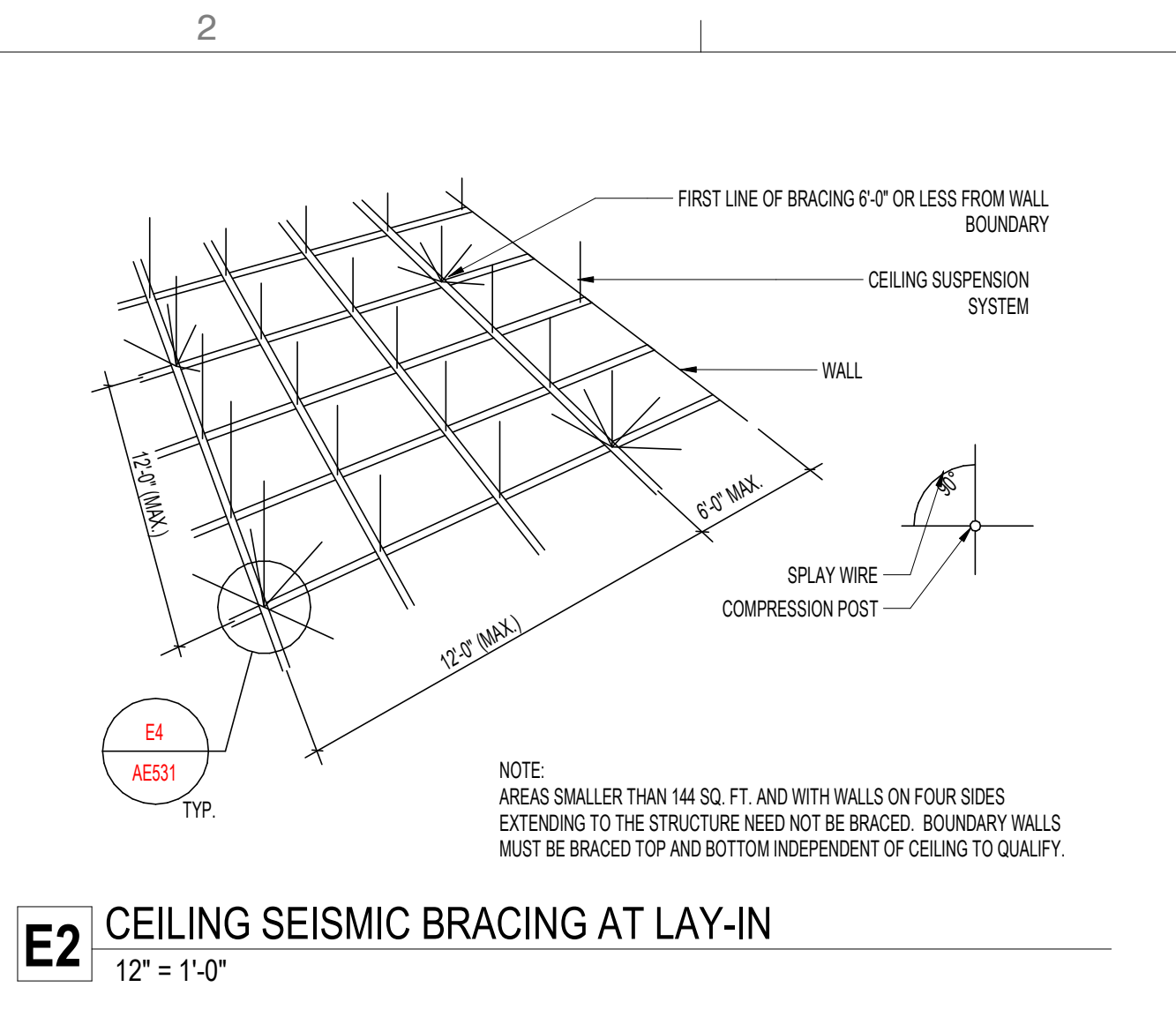
**E6 UNISTRUT W/ PLASTIC CLOSURE STRIP DETAIL**  
3" = 1'-0"



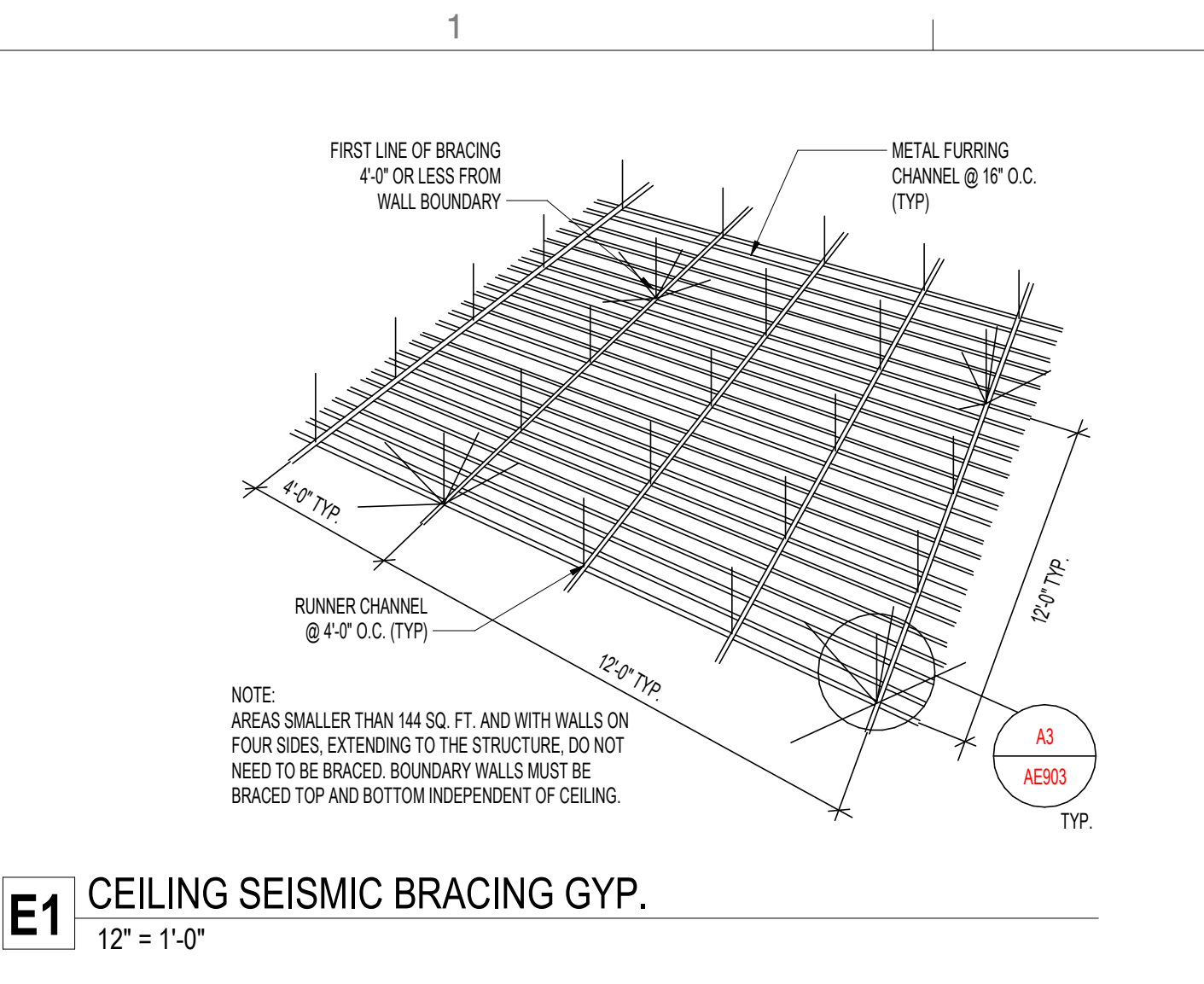
**E5 UNISTRUT W/ RAIL DETAIL**  
3" = 1'-0"



**E3 SEISMIC CEILING DETAIL**  
3" = 1'-0"



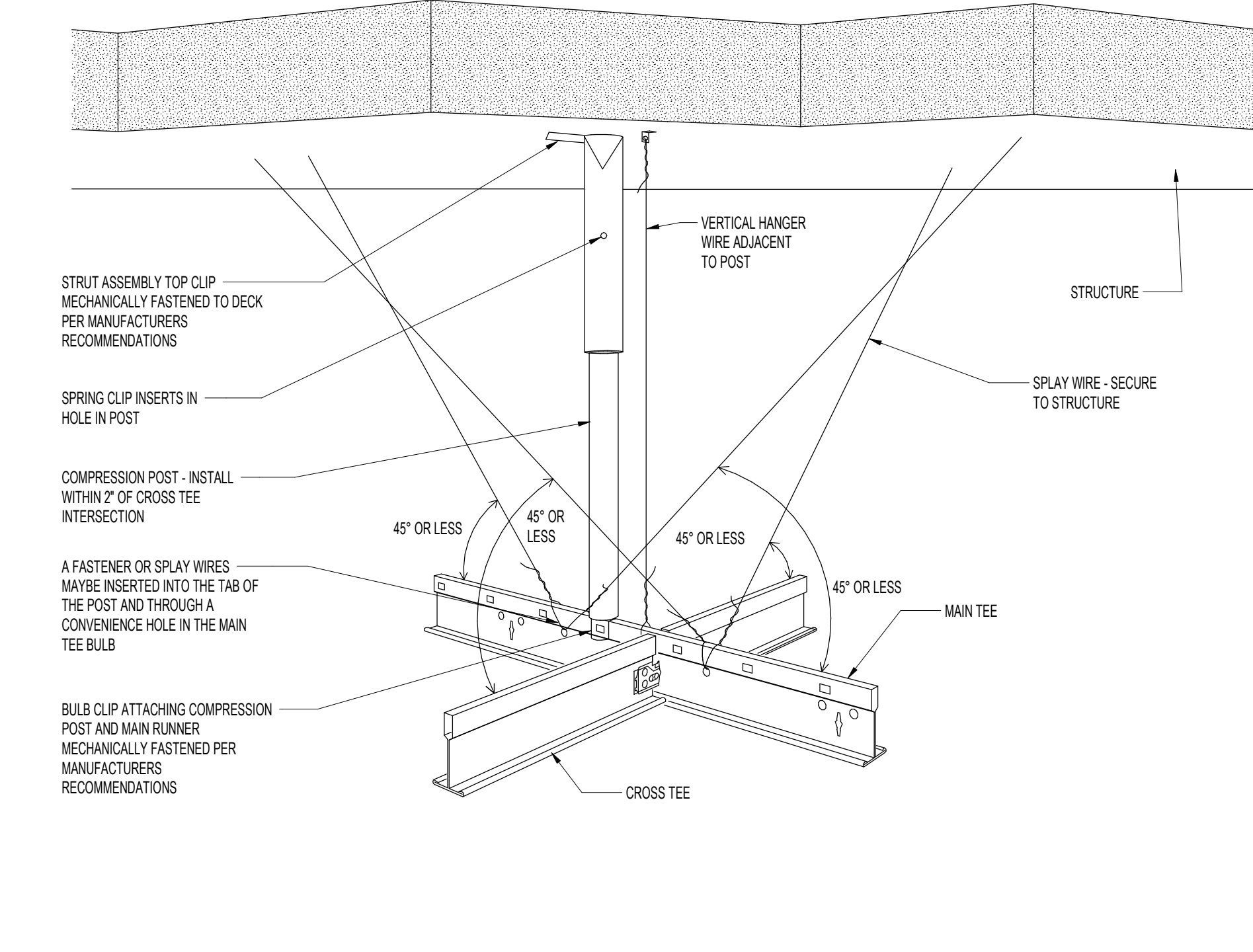
**E2 CEILING SEISMIC BRACING AT LAY-IN**  
12" = 1'-0"



**E1 CEILING SEISMIC BRACING GYP.**  
12" = 1'-0"

MATERIAL	TYP. ALLOWABLE LENGTH
1/2" x 1/2" STRUT 12 GA	24"
1/2" x 1/2" STRUT 12 GA	48"
1/2" x 1/2" STRUT 12 GA	54"
1/2" x 1/2" STRUT 12 GA	60"
1/2" x 1/2" STRUT 12 GA	62"
1/2" x 1/2" STRUT 12 GA	64"
1/2" x 1/2" STRUT 12 GA	66"
1/2" x 1/2" STRUT 12 GA	68"
1/2" x 1/2" STRUT 12 GA	70"
1/2" x 1/2" STRUT 12 GA	72"
1/2" x 1/2" STRUT 12 GA	74"
1/2" x 1/2" STRUT 12 GA	76"
1/2" x 1/2" STRUT 12 GA	78"
1/2" x 1/2" STRUT 12 GA	80"
1/2" x 1/2" STRUT 12 GA	82"
1/2" x 1/2" STRUT 12 GA	84"
1/2" x 1/2" STRUT 12 GA	86"
1/2" x 1/2" STRUT 12 GA	88"
1/2" x 1/2" STRUT 12 GA	90"
1/2" x 1/2" STRUT 12 GA	92"
1/2" x 1/2" STRUT 12 GA	94"
1/2" x 1/2" STRUT 12 GA	96"
1/2" x 1/2" STRUT 12 GA	98"
1/2" x 1/2" STRUT 12 GA	100"
1/2" x 1/2" STRUT 12 GA	102"
1/2" x 1/2" STRUT 12 GA	104"
1/2" x 1/2" STRUT 12 GA	106"
1/2" x 1/2" STRUT 12 GA	108"
1/2" x 1/2" STRUT 12 GA	110"
1/2" x 1/2" STRUT 12 GA	112"
1/2" x 1/2" STRUT 12 GA	114"
1/2" x 1/2" STRUT 12 GA	116"
1/2" x 1/2" STRUT 12 GA	118"
1/2" x 1/2" STRUT 12 GA	120"

- NOTE 1- ALL SPRAY WIRES TO BE IN LINE WITH ATTACHED COMPONENT
- NOTE 2- ALL SPRAY WIRES TO BE TAUT AND TIED BOTH ENDS WITH MINIMUM OF THREE TURNS IN 1" OF RUN
- NOTE 3- COMPLY WITH IBC 2015, ASTM C635, ASTM C636 AND OSCA STANDARDS
- NOTE 4- SPRAY WIRES SHALL ATTACH TO STRUCTURAL GIRDER OR JOIST ONLY. DO NOT ATTACH TO ROOF DECK
- NOTE 5- METAL COMPRESSION POST (STRUT) FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. COMPRESSION POSTS & SPRAY WIRES TO BE INSTALLED EVERY 12" O.C. BOTH DIRECTIONS STARTING 6" FROM WALL. SEE COMPRESSION POST ALLOWABLE LENGTHS TABLE FOR SIZES. SEE DETAILS S 4.4 FOR TYPICAL BRACING.
- NOTE 6- ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM. WHEN INTERMEDIATE SYSTEMS ARE USED, ATTACH NO. 12 GAGE HANGERS TO THE GRID MEMBERS WITHIN 9" OF EACH CORNER OF EACH FIXTURE. LIGHT FIXTURES WEIGHING LESS THAN 56 LBS. SHALL HAVE TWO NO. 12 GAGE HANGERS CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. COMPLY WITH IBC 2015
- NOTE 7- ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS TERMINALS OR SERVICES WEIGHING 20 LBS. BUT NOT MORE THAN 56 LBS. SHALL IN ADDITION HAVE TWO NO. 12 GAGE HANGERS CONNECTED TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. TERMINALS OR SERVICES WEIGHING MORE THAN 56 LBS. SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS. COMPLY WITH IBC 2015
- NOTE 8- ALL GRID SYSTEM IN SEISMIC ZONE D OR GREATER ARE REQUIRED TO BE HEAVY DUTY. REFER REQUIREMENTS TO ASCE 7 REQUIREMENTS.
- NOTE 9- CEILINGS WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS. COORDINATE W/ SPECIFICATIONS.
- NOTE 10- SUSPENDED ACOUSTIC CEILINGS INSTALLED IN SEISMIC DESIGN CATEGORY D SHALL BE INSTALLED ACCORDING TO IBC 808.1.1.1, IBC 1613.1, ASTM C 635, ASTM C 636, AND ASCE 7-10.
- NOTE 11- ACOUSTICAL PANEL CEILINGS REQUIRES SEISMIC DESIGN TO BE COMPLETED BY A LICENSE ENGINEER AND SUBMITTED FOR REVIEW AND APPROVAL. RE. SPECIFICATIONS.



**C1 CEILING SEISMIC BRACING**  
1 1/2" = 1'-0"

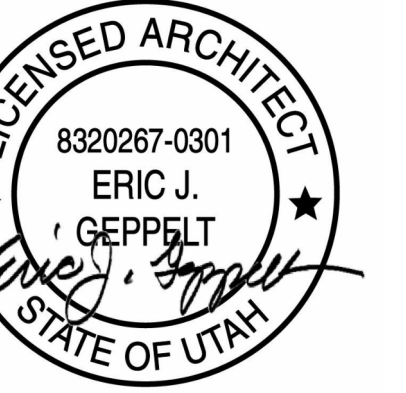
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project:

# McKay Dee Cath Lab 4 Replacement

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

revisions :

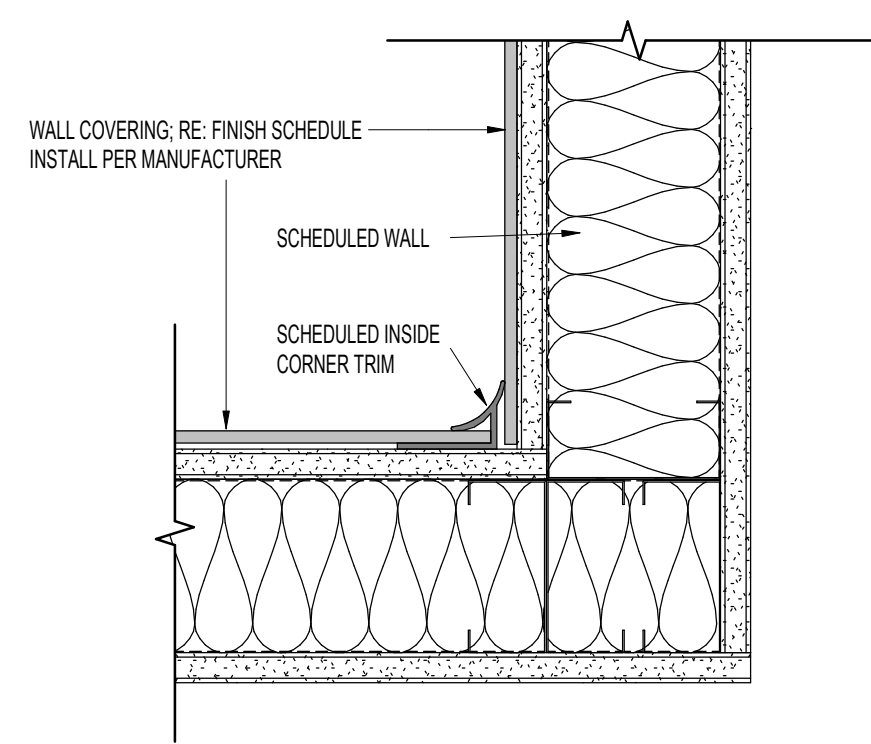
title:

## INTERIOR DETAILS

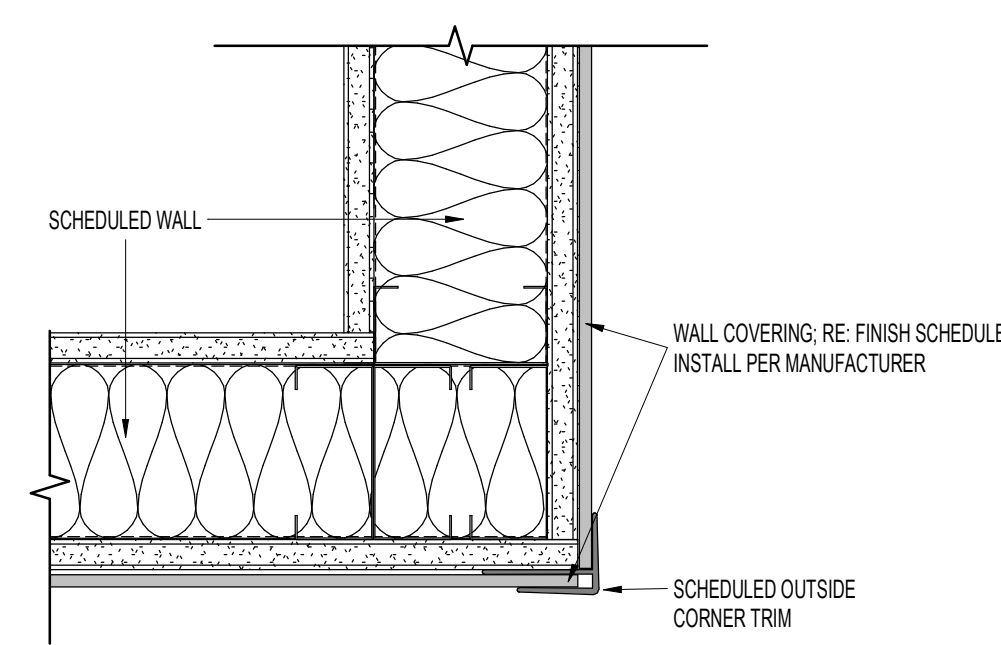
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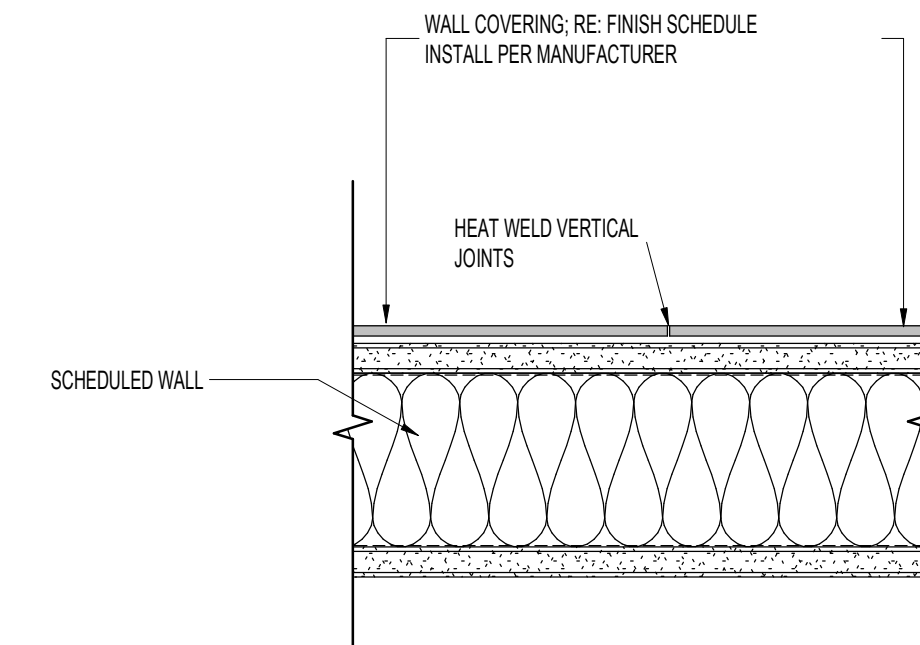
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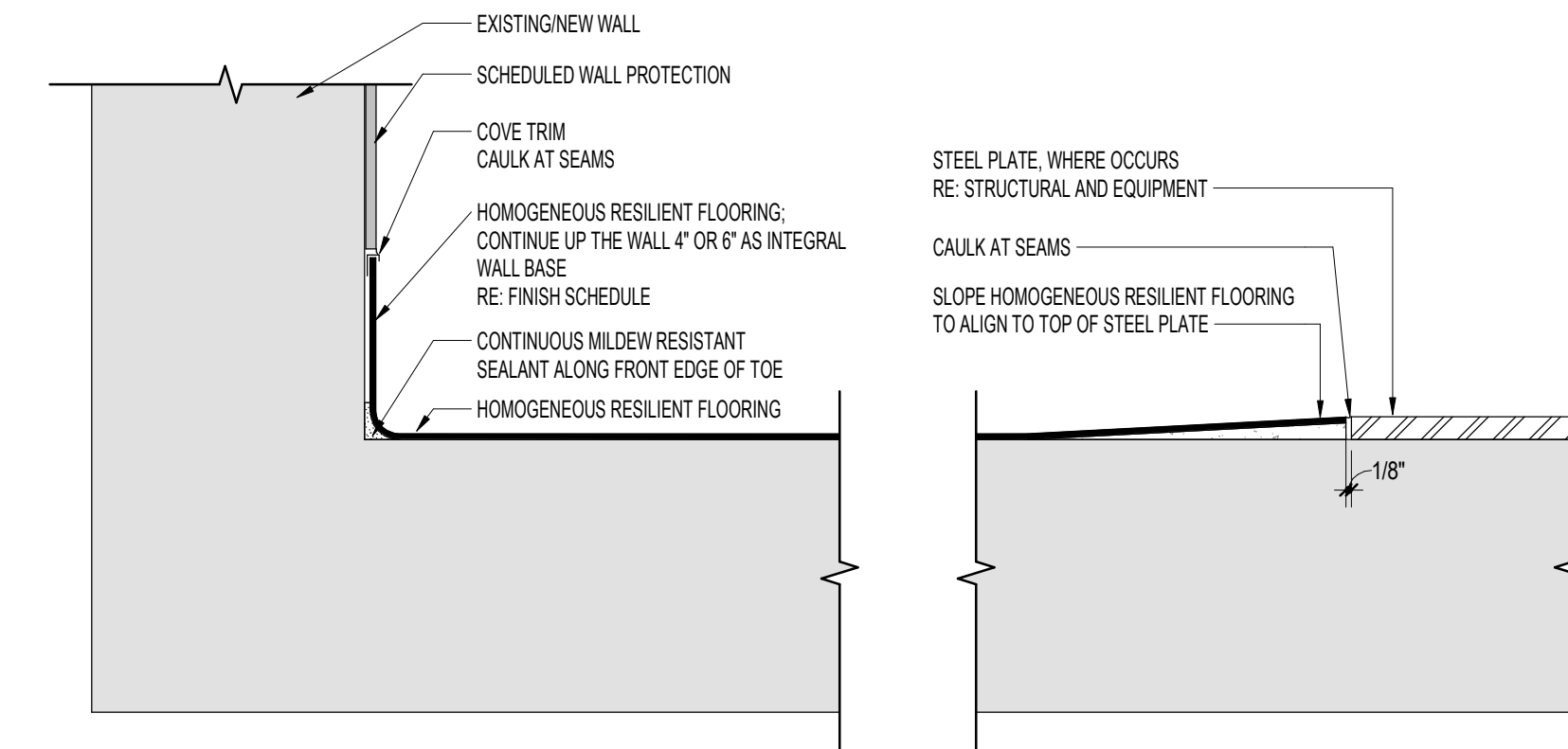
**A1** WALL PROTECTION - INSIDE CORNER  
3" = 1'-0"



**A2** WALL PROTECTION - OUTSIDE CORNER  
3" = 1'-0"



**A3** WALL PROTECTION - VERTICAL JOINTS  
3" = 1'-0"



**A4** RUBBER RESILIENT FLOORING  
3" = 1'-0"

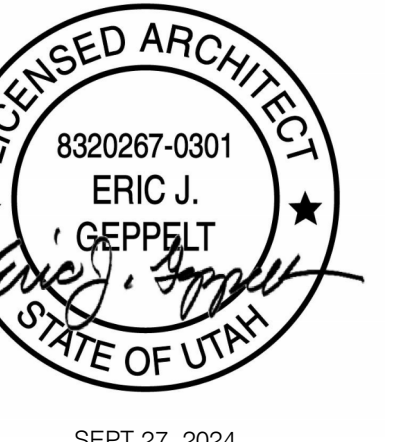
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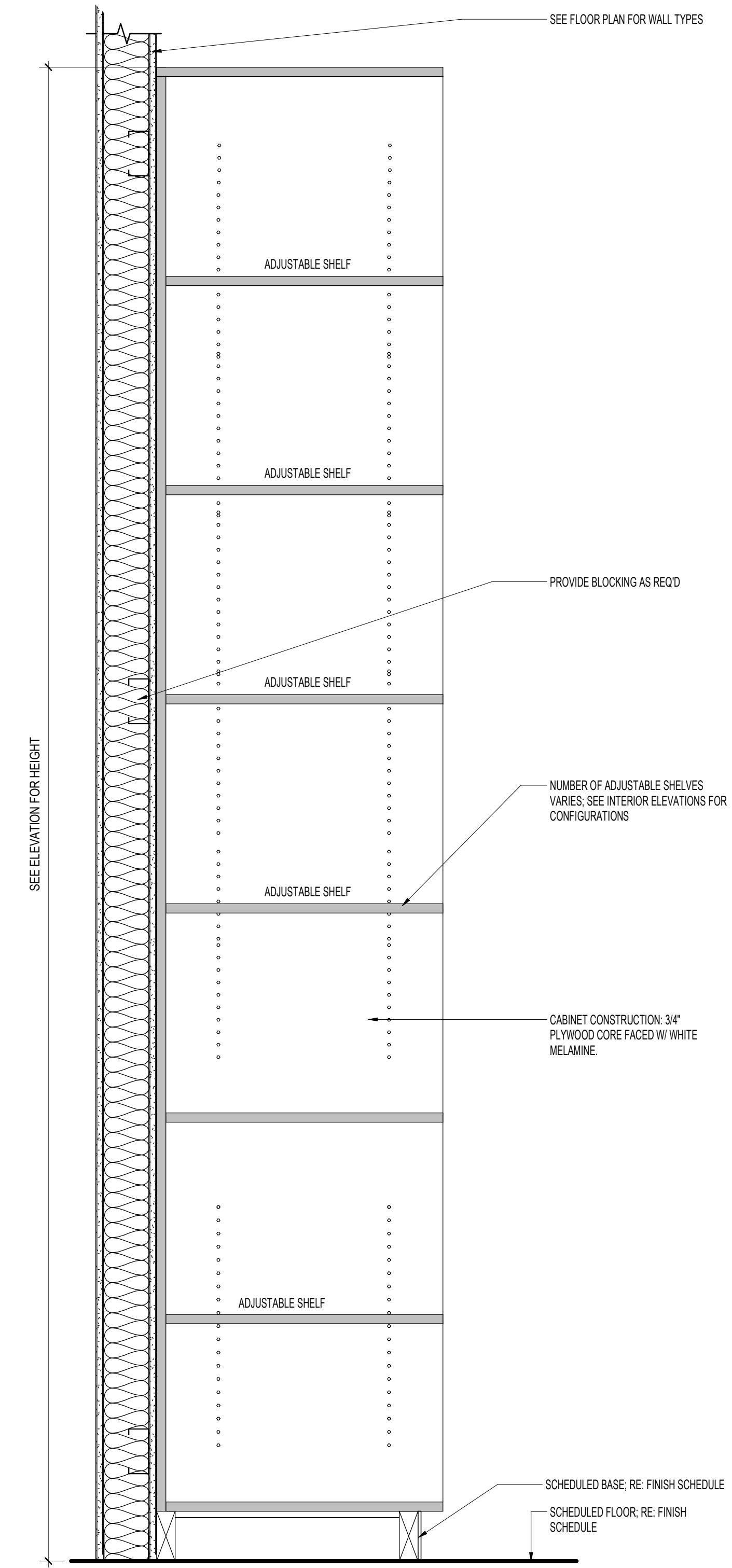
revisions :

title:  
**CASEWORK  
DETAILS**

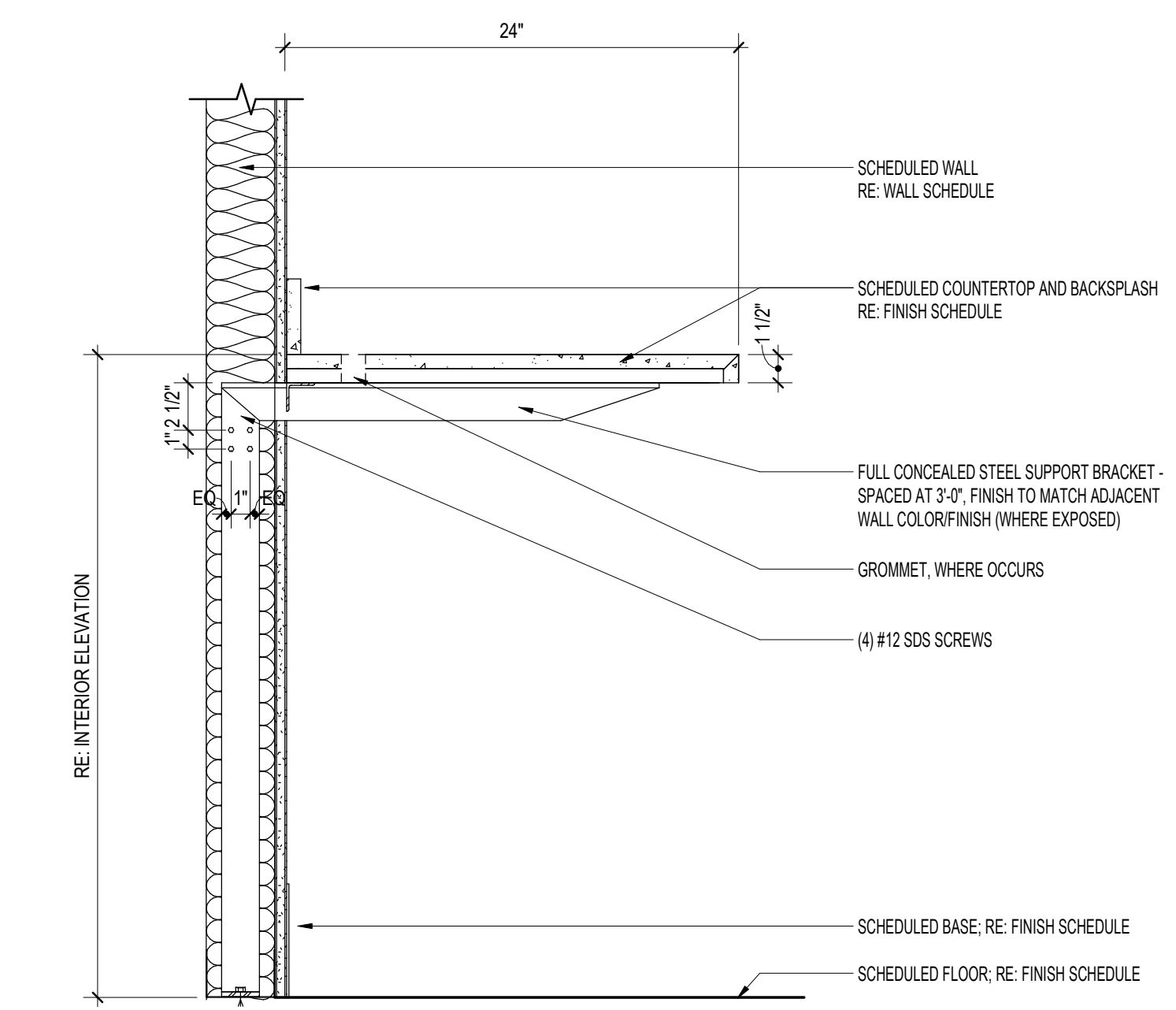
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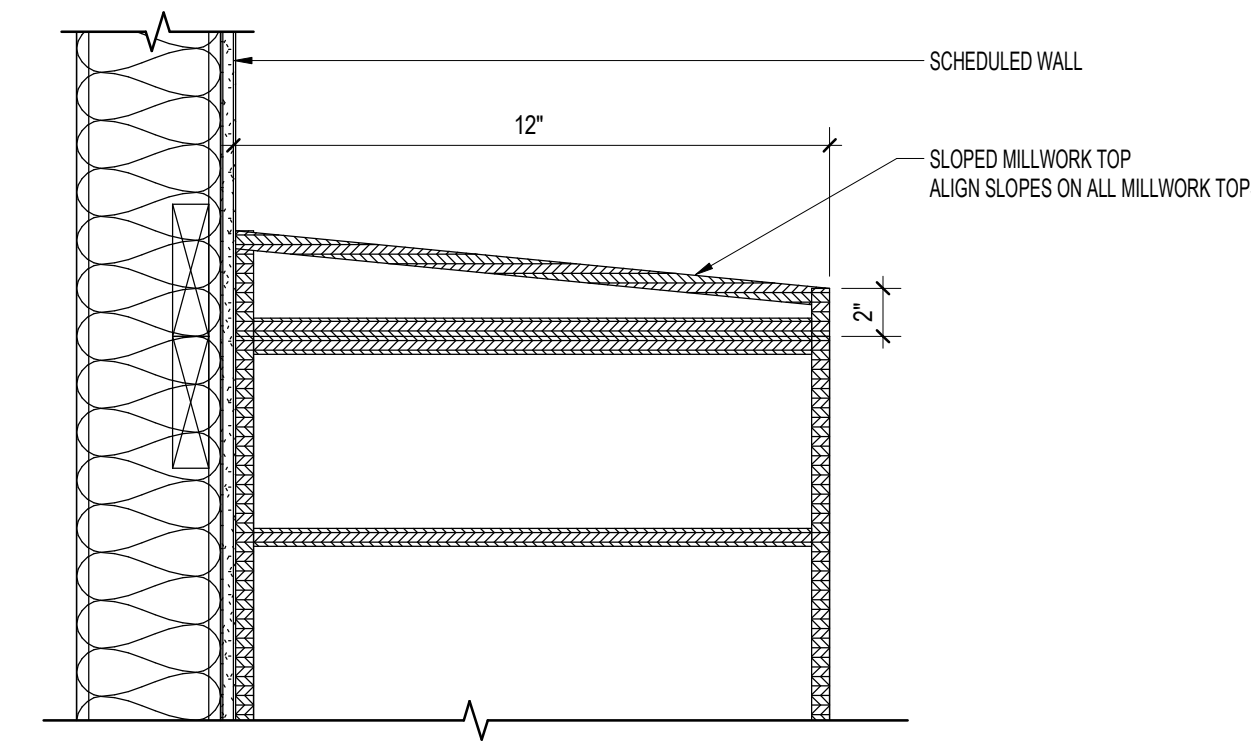
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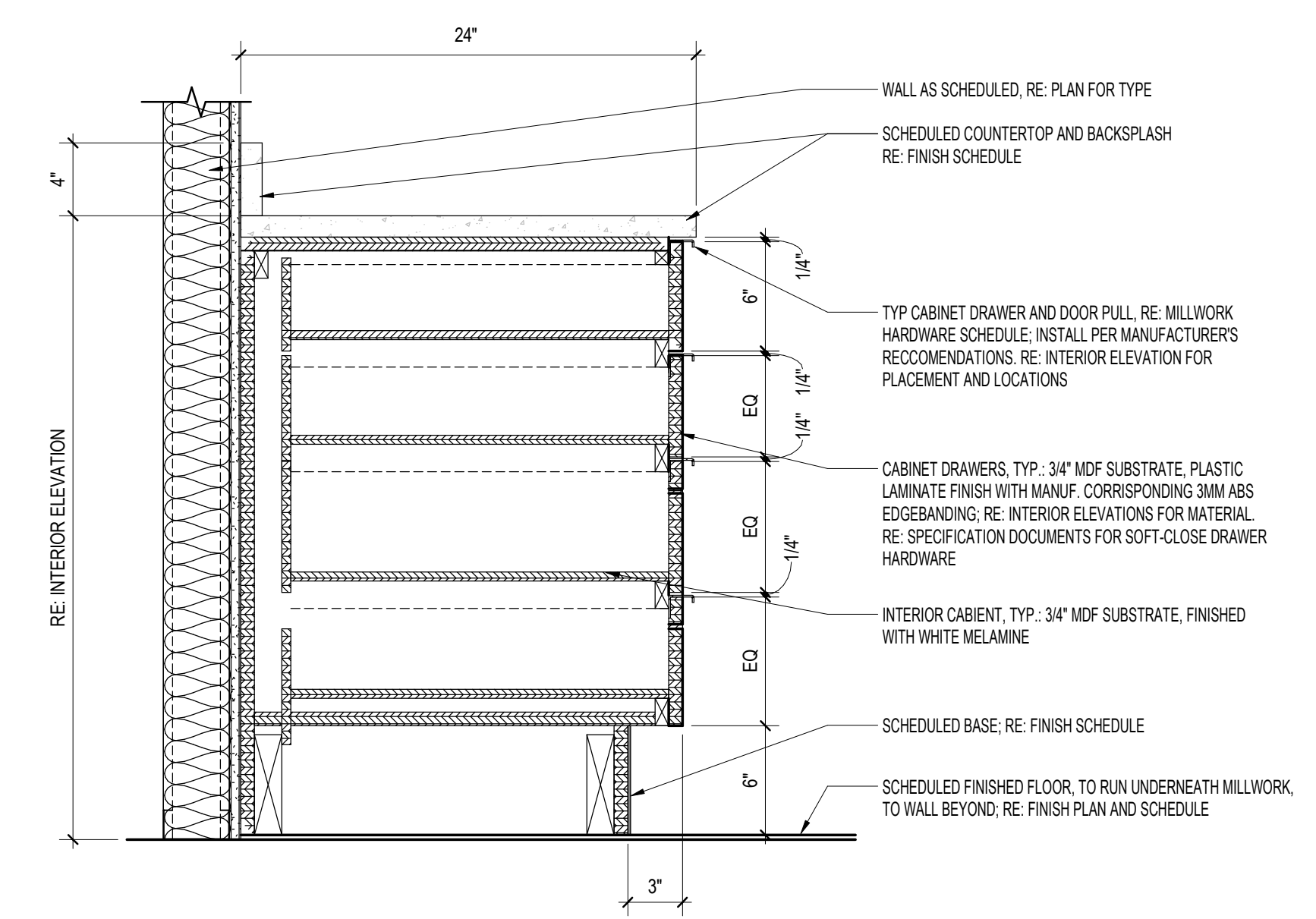
**B5** 24" OPEN SHELF DETAIL  
1 1/2" = 1'-0"



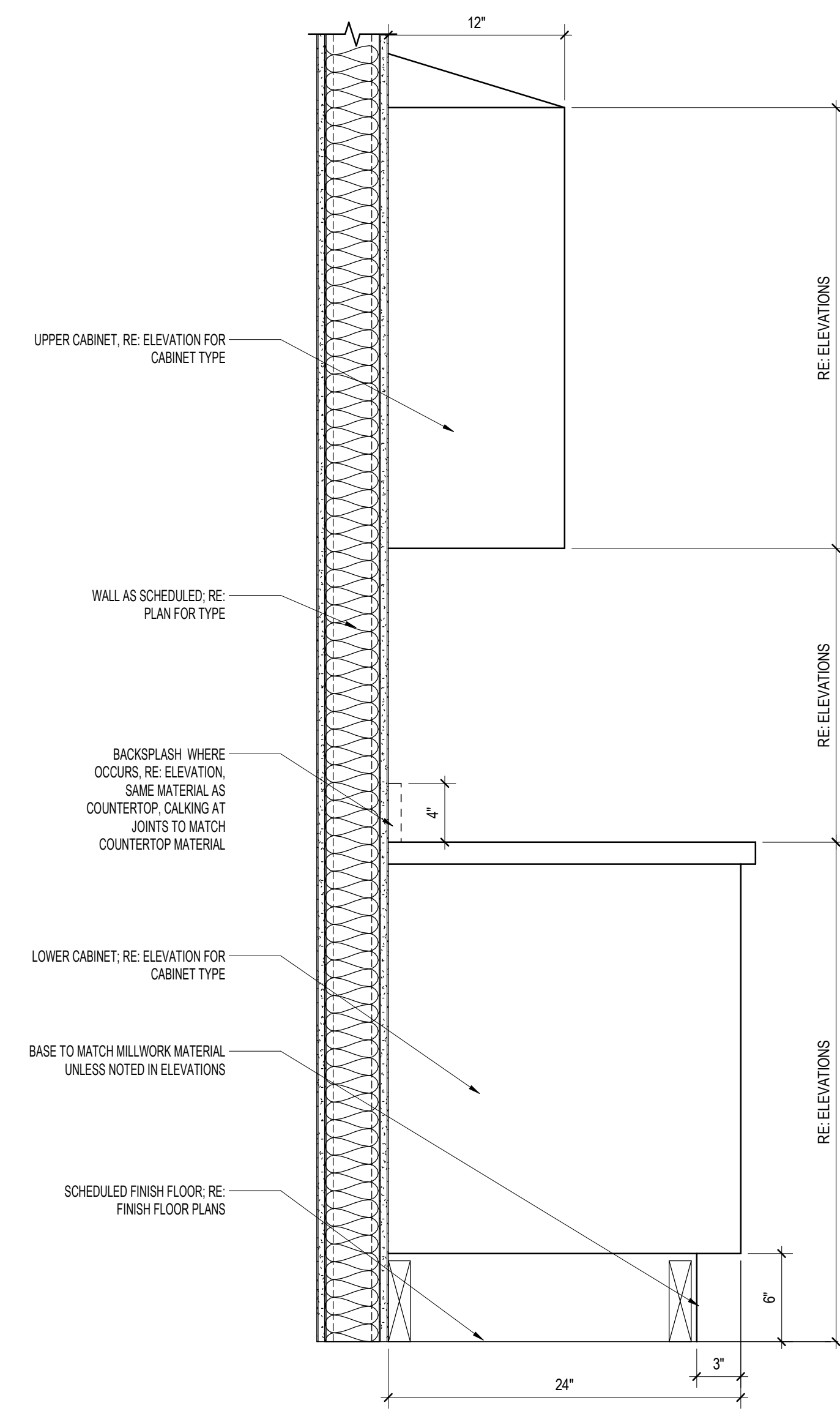
**A5** FLOATING COUNTERTOP DETAIL  
1 1/2" = 1'-0"



**B3** MILLWORK SLOPED TOP  
1 1/2" = 1'-0"



**A3** TYPICAL BASE CABINET, 4 DRAWER  
1 1/2" = 1'-0"



**A1** TYPICAL CASEWORK DETAIL  
1 1/2" = 1'-0"

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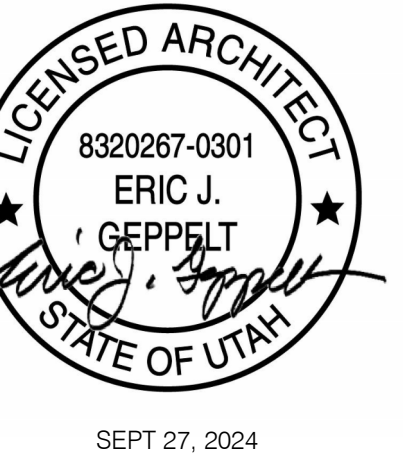
GENERAL NOTES - DOORS

- 1 ALL HOLLOW METAL FRAMES AND DOORS ARE TO BE PAINTED TO MATCH ADJACENT WALL FINISH, UNLESS NOTED OTHERWISE
- 2 ALL INTERIOR HOLLOW METAL FRAME WIDTHS ARE TO MATCH WALL WIDTHS, COORDINATE WITH VERTICAL ASSEMBLY TYPES
- 3 WOOD GRAIN DIRECTION TO BE VERTICAL, UNLESS NOTED OTHERWISE
- 4 FINISH OF METAL FRAMES ADJACENT TO METAL PANEL TO MATCH METAL PANEL COLOR, UNLESS NOTED OTHERWISE
- 5 COLOR TRANSITIONS TO OCCUR AT INSIDE OF FRAME STOP
- 6 DOORS SERVING SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE SHALL NOT BE PROVIDED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE. SEE DOOR HARDWARE SPECIFICATIONS



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project #: 24.0310  
date: SEPT 27, 2024

revisions :

title:  
**DOOR  
SCHEDULE,  
TYPES, AND  
DETAILS**

sheet:

**A601**

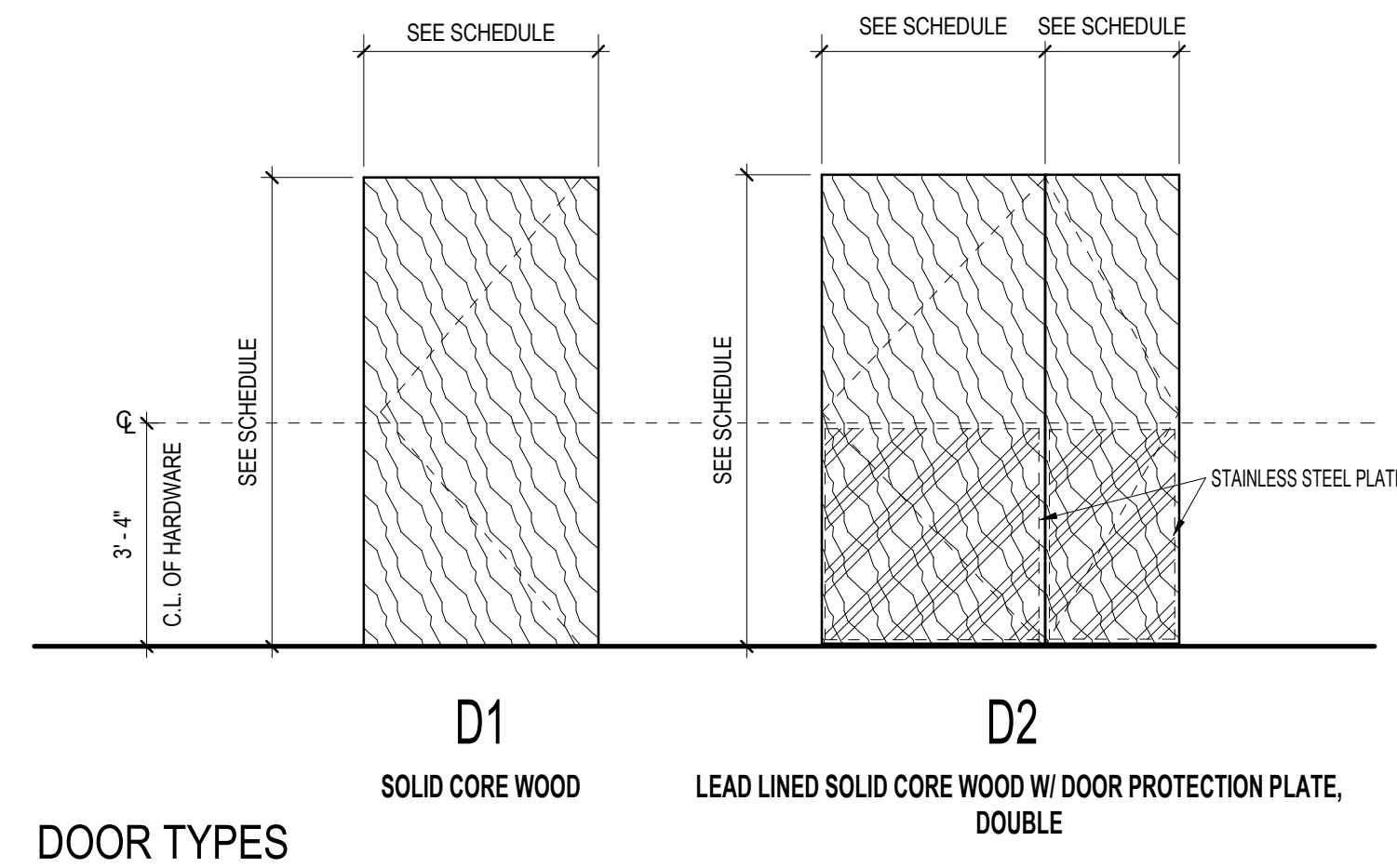
CONSTRUCTION DOCUMENT

**DOOR SCHEDULE**

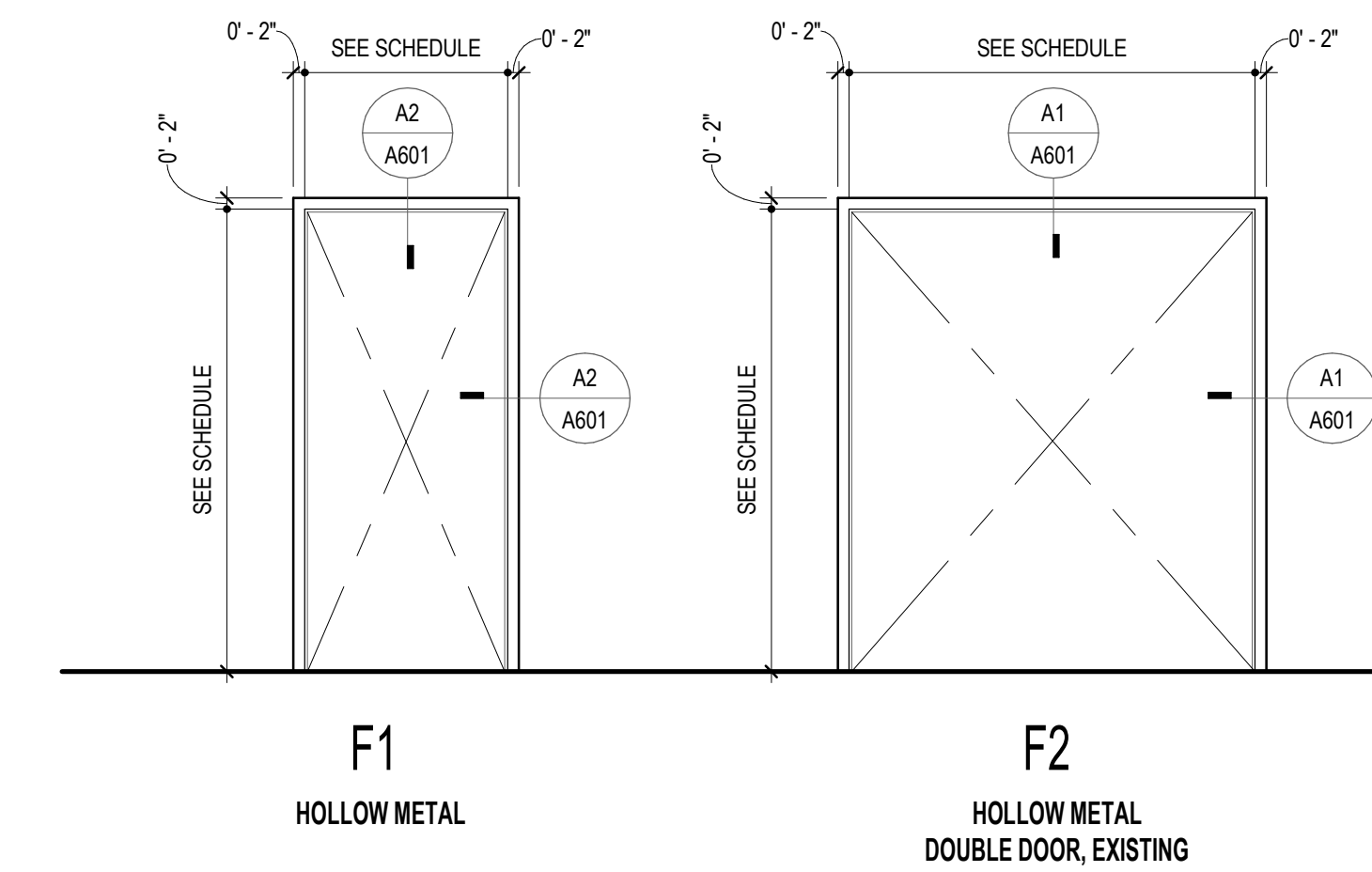
ALL DOOR HANDLES & HARDWARE USED ON THE PROJECT MUST NOT REQUIRE PINCHING, TIGHT GRASPING, OR TWISTING OF THE WRIST IN ORDER TO OPERATE, IN ACCORDANCE WITH 2021 IBC 1010.2.2

DOOR NUMBER	TO	DOOR DIMENSIONS				DOOR		FRAME		FIRE RATING	HW SET	COMMENTS	
		RM #	WIDTH	HEIGHT	THK	TYPE	MATERIAL	FINISH	TYPE				MATERIAL
LEVEL 03													
3409	HYBRID OR	3409	6'-0"	7'-0"	1 3/4"	D2	WOOD/LEAD-LINED	MATCH EXISTING	F2	HMI	MATCH EXISTING	2	NEW DOOR TO BE INSTALLED. EXISTING DOOR FRAME TO BE USED. PROVIDE PALLADIUM DOORS AS BID ALTERNATE
3408	EQUIPMENT	3409	3'-0"	7'-0"	1 3/4"	D1	WOOD	MATCH EXISTING	F1	HMI	PAINT, MATCH EXISTING	1	

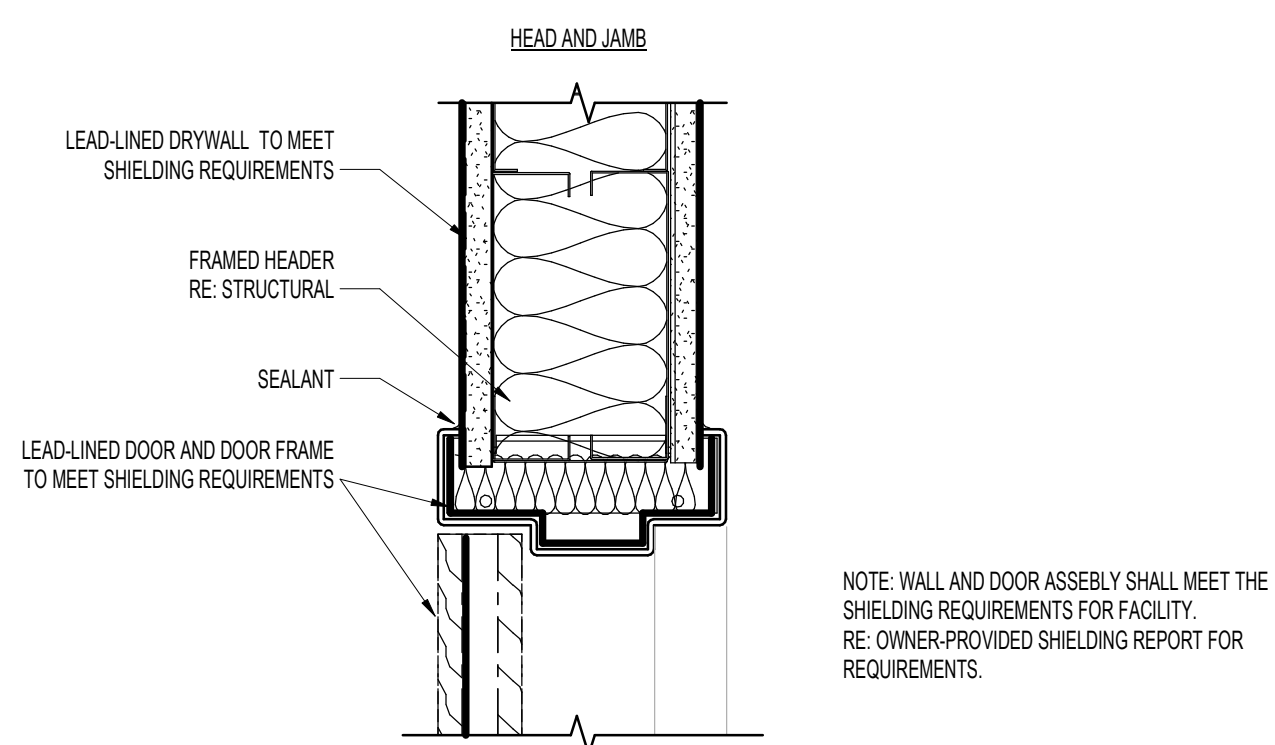
NOTE: ALL DOOR HARDWARE TO MATCH FACILITY LOCKSET STANDARD. CONTRACTOR TO CONFIRM WITH OWNER.



DOOR TYPES

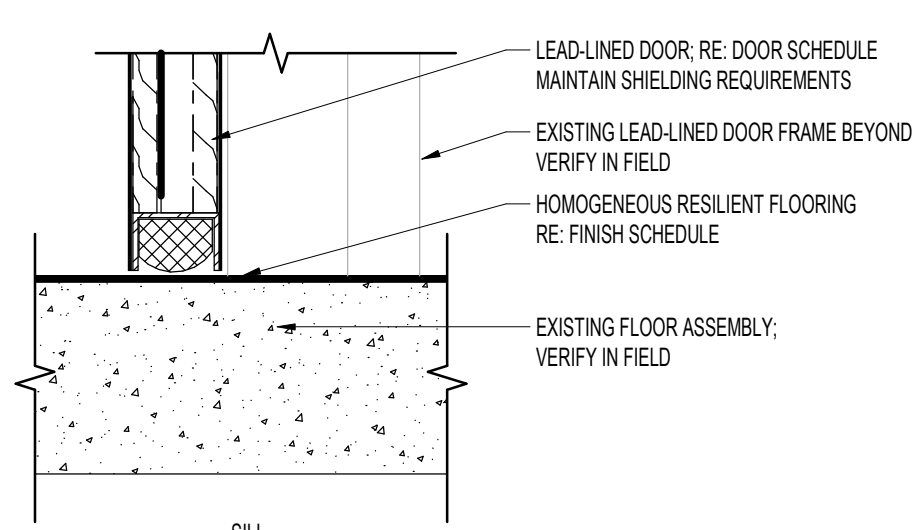


DOOR FRAME TYPES

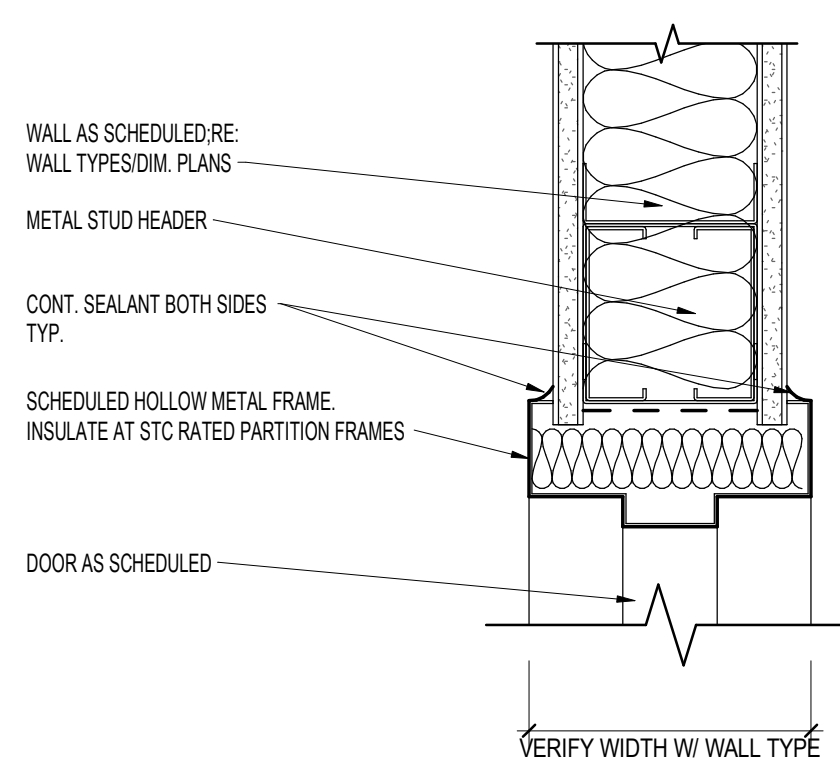


**A1** HM DOOR HEAD, JAMB, AND SILL - LEAD LINED  
3" = 1'-0"

NOTE: WALL AND DOOR ASSEMBLY SHALL MEET THE SHIELDING REQUIREMENTS FOR FACILITY. RE: OWNER-PROVIDED SHIELDING REPORT FOR REQUIREMENTS.



**A2** HM DOOR HEAD/JAMB  
3" = 1'-0"





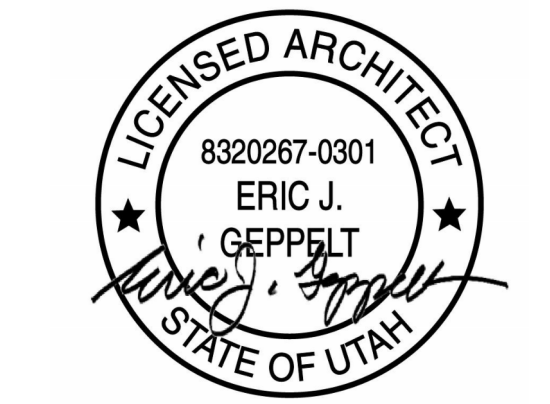
**GENERAL NOTES - FINISH**

- SEE FLOOR PLANS FOR INTERIOR ELEVATIONS
- ALL MATERIALS TO BE INSTALLED PER SPECIFIC MANUFACTURER'S INSTALLATION RECOMMENDATIONS
- FLOORING MATERIAL TRANSITIONS TO OCCUR AT CENTERLINE OF DOOR THRESHOLDS, UNLESS NOTED OTHERWISE
- PREPARE FLOORS/WALLS TO RECEIVE FINISH MATERIAL. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SURFACE PREPARATION, NOTIFY ARCHITECT IF CONDITIONS ARE INADEQUATE FOR REQUIRED INSTALLATION
- REFER TO ROOM FINISH LEGEND ON SHEET SERIES A600 FOR MORE INFORMATION
- SEE DIMENSION PLAN SHEET SERIES A120 FOR WALL TYPE LOCATIONS. SEE SHEET SERIES A600 FOR WALL TYPE AND ASSEMBLY DESCRIPTIONS
- CONTRACTOR TO PROVIDE SOLID BLOCKING AT ALL CASEWORK, FIXED FURNISHINGS, AND EQUIPMENT. COORDINATE WITH ELEVATIONS, SECTIONS, FURNITURE, FIXTURE SHEETS, AND SPECIFICATIONS
- SEE SHEET SERIES A600 FOR TYPICAL DETAILS
- TILE INSTALLER TO FOLLOW TCNA & ANSI GUIDELINES
- ALL FLOORING MATERIALS ARE TO RUN WALL TO WALL AND BENEATH CASEWORK
- VERIFY LOCATION OF POINT OR ORIGIN OF TILE AND CONTROL JOINTS ON SHOP DRAWINGS AND WITH ARCHITECT ON-SITE PRIOR TO INSTALLATION
- ALL GROUT TO BE SEALED
- GENERAL CONTRACTOR TO COORDINATE POWER/DATA PLACEMENT WITH FURNITURE PROVIDER
- LEVEL 5 FINISH REQUIRED FOR ALL WALL GRAPHIC AND WALLCOVERING LOCATIONS. SEE FINISH PLANS AND ELEVATIONS FOR LOCATIONS
- ALL METAL STUD WALLS TO DECK ABOVE, UNLESS NOTED OTHERWISE. SEE SHEET SERIES A600 FOR WALL TYPES
- PROVIDE DEFLECTION TRACKS AT ALL STUD WALLS. SEE DETAILS ON SHEET SERIES A600
- ALL EXPOSED METAL TO BE INSTALLED PER SPECIFIC MANUFACTURER'S INSTALLATION RECOMMENDATIONS
- CREATE A CLEAN, STRAIGHT TRANSITION LINE FROM POLISHED SEALED CONCRETE FLOORING TO SEALED CONCRETE FLOORING UNDER DOORS. USE APPROPRIATE MEANS TO ACHIEVE A CLEAN TRANSITION
- ALL FINISHES SHALL COMPLY WITH FGI 2010 STANDARDS



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**FLOOR FINISH LEGEND**

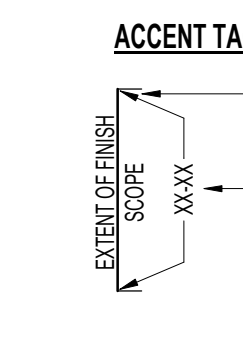
RF-01	RESILIENT FLOORING	RF-02	EXISTING
RF-03	RED LINE		

\*SEE ENLARGED FINISH PLANS + INTERIOR ELEVATIONS+ FINISH SCHEDULE SHEET FOR MORE INFORMATION\*

**FINISH KEY**

**TYP. ROOM FINISH TAG**

Room name	ROOM NUMBER
RF	WALL FINISH
B	BASE FINISH
F	FLOOR FINISH
*	MULTIPLE FINISHES; SEE ELEVATION



NOTE: INDICATES MAIN FIELD FINISH. ASSUME THIS FINISH IN ENTIRE AREA UNLESS AN ACCENT IS CALLED OUT IN PLANS OR ELEVATION

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revisions:  
1 Addendum 1 - Cath Lab Core 10/07/2024  
Mllwork

title:  
**LEVEL 3 FINISH PLAN AND FINISH SCHEDULE**

sheet:

**A703**

CONSTRUCTION DOCUMENT

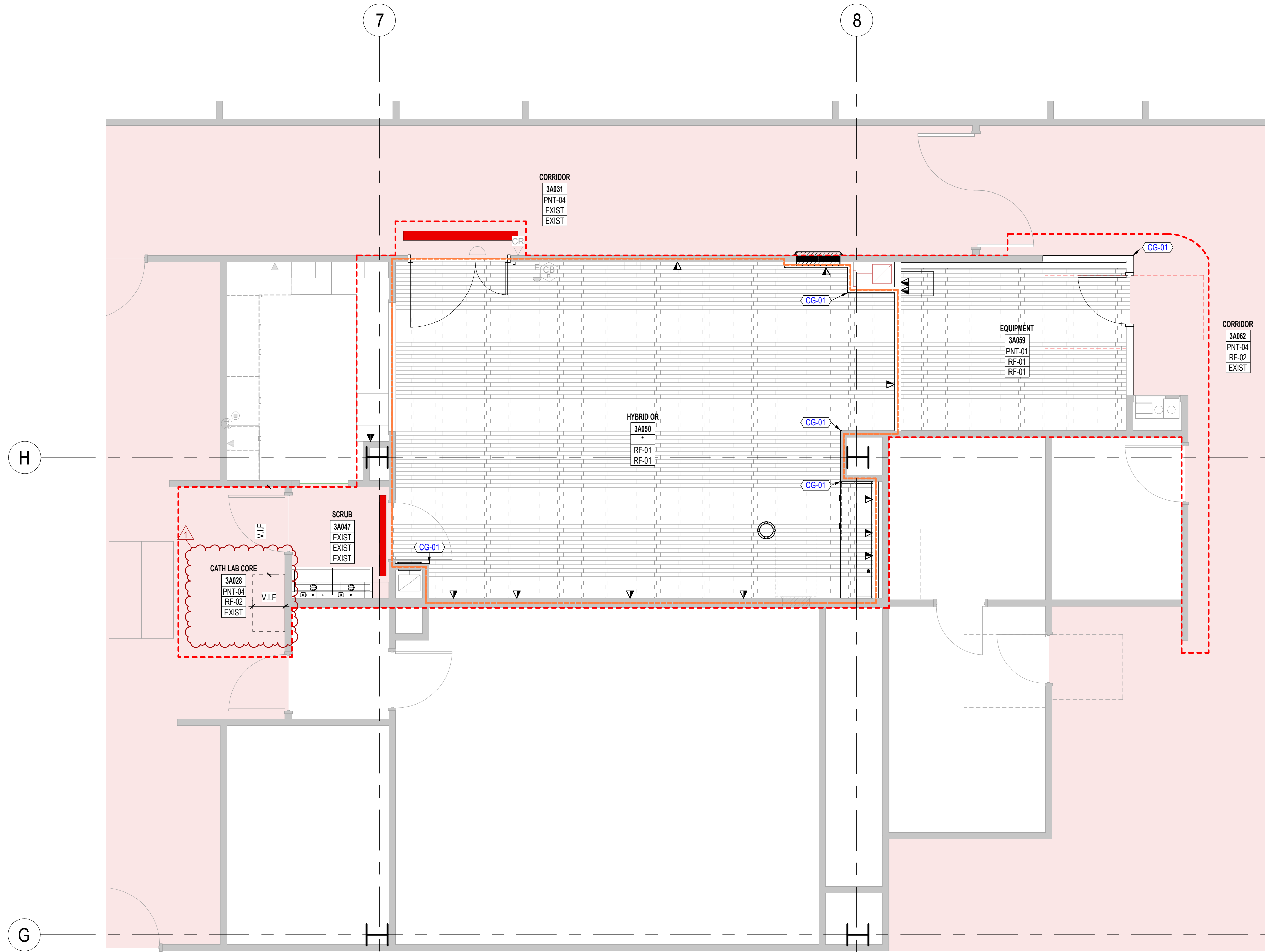
**\*MS\_ FINISH SCHEDULE**

SCHEDULED MATERIALS AND FINISHES SHALL BE USED FOR BASIS OF DESIGN U.N.O.

CODE	PRODUCT TYPE	MANUFACTURER	STYLE	COLOR	DIVISION	FINISH NOTES/REMARKS	SPECIFICATION
<b>DIVISION 06 - WOODS, PLASTICS &amp; COMPOSITES</b>							
PL-01	FLASTIC LAMINATE	WILSONART	PREMIUM LAMINATE	7870K-18 HIGH LINE LINEARITY FINISH	DIVISION 06 - WOODS, PLASTICS & COMPOSITES	BASE AND UPPER CABINETS	
<b>DIVISION 09 - CEILINGS</b>							
ACF-01	ACOUSTICAL CEILING PANEL	ARMSTRONG CEILINGS	ULTIMA HEALTH ZONE	WHITE WH	DIVISION 09 - CEILINGS	RE: RCP FOR LOCATIONS	24" X 24" SQUARE LAY-IN, INSTALL PER MANUFACTURER RECOMMENDATIONS
<b>DIVISION 09 - FLOORS</b>							
RF-03	RUBBER RESILIENT FLOORING	TARKETT	IQ OPTIMA	877 RED	DIVISION 09 - FLOORS	RE: FINISH PLAN FOR LOCATIONS	USE FOR RESTRICTED AREA RED LINE FLOOR MARKING, WELD SEAMS. CONTRACTOR TO CONFIRM PRODUCT COMPATIBILITY WITH EXISTING FLOORING WITH MANUFACTURER.
RF-01	RUBBER RESILIENT FLOORINGBASE	TARKETT	IQ OPTIMA	877 SOFT BROWN	DIVISION 09 - FLOORS	RE: FINISH PLAN FOR LOCATIONS	WELD SEAMS AND CONTINUE 6" UP THE WALLS AND MILLWORK FOR WALL BASE. TERMINATE BASE WITH COVE TRIM
RF-02	RUBBER RESILIENT FLOORINGBASE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	DIVISION 09 - FLOORS	RE: FINISH PLAN FOR LOCATIONS	WELD SEAMS AND CONTINUE 4" UP THE WALLS, OWNER TO PROVIDE ATTIC STOCK
<b>DIVISION 09 - PAINT &amp; WALLCOVERING</b>							
PNT-03	ACCENT WALL PAINT	SHERWIN WILLIAMS		SW 7043 WORLDLY GRAY	DIVISION 09 - PAINT & WALLCOVERING	SATIN FINISH	
PNT-02a	FIELD CEILING PAINT	SHERWIN WILLIAMS		SW 7005 PURE WHITE	DIVISION 09 - PAINT & WALLCOVERING	FLAT FINISH	
PNT-01	FIELD WALL PAINT	SHERWIN WILLIAMS		SW 7005 PURE WHITE	DIVISION 09 - PAINT & WALLCOVERING	SATIN FINISH	
PNT-04	FIELD WALL PAINT	MATCH EXISTING		MATCH EXISTING	DIVISION 09 - PAINT & WALLCOVERING	MATCH EXISTING	
WC-01	WALL COVERING	ACROBYN	SMOOTH SHEET		DIVISION 09 - PAINT & WALLCOVERING	PROVIDE MANUFACTURER RECOMMENDED TRIMS AT EDGES, JOINTS, OUTSIDE AN INSIDE CORNERS	42" HIGH
<b>DIVISION 10 - SPECIALTIES</b>							
CG-01	CORNER GUARD	ACROBYN	SM-10	MATCH HOST WALL	DIVISION 10 - SPECIALTIES	RE: FINISH PLAN FOR LOCATIONS	90 DEGREE, 3" WING SIZE, WITH BALLNOSE COVER, 42" HIGH
UC-01	UNSTRUT COVER				DIVISION 10 - SPECIALTIES		
<b>DIVISION 12 - FURNISHINGS</b>							
SL-01	STAINLESS STEEL COUNTERTOP	MAC MEDICAL	STAINLESS STEEL		DIVISION 12 - FURNISHINGS	EQUIVALENT MANUFACTURER SUBSTITUTIONS MAY BE PROPOSED TO ARCHITECT FOR REVIEW	TYPE 300 STAINLESS STEEL, WITH 5/8" COVE CORNERS. COUNTERTOP SHALL BE A CONTINUOUS PIECE AND HAVE NO SEAMS FOR CLEANABILITY. PROVIDE GROMMET AND UNDER COUNTER CABLE MANAGEMENT SYSTEM

**HARDWARE SCHEDULE**

PRODUCT TYPE	MODEL	FINISH	SPECIFICATIONS
CABINET PULL	MATCH EXISTING	-	RE: INTERIOR ELEVATIONS FOR QUANTITY AND LOCATIONS. HARDWARE LOCATIONS AND SPEC TO BE SHOWN IN SHOP DRAWINGS. CONTRACTOR PROVIDED, CONTRACTOR INSTALLED



**A1** LEVEL 3 FINISH PLAN  
1/4" = 1'-0"

n o r t h



EQUIPMENT LIST						
RE: SIEMENS EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT						
MARK	DESCRIPTION	COUNT	MANUFACTURER	MODEL	NEW/EXISTING	RESP. COMMENTS
CLCR-01	LEAD-APRON WALL MOUNTED RACK	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
CR-01	ISOLATION PANEL	1	CONTRACTOR		NEW	OFCI RE ELECTRICAL
CTRL-01	CONTROL INTERFACE BOARD	1	SIEMENS		NEW	OFCI ON WALL UNDER COUNTER
CTRL-02	OPC CONTROL POWER CONTROL	1	SIEMENS		NEW	OFCI ON CONTROL COUNTER
CTRL-03	INJECTOR WALL CONNECTION	1	SIEMENS		NEW	OFCI ON WALL UNDER COUNTER
CTRL-04	KEYBOARD	1	SIEMENS		NEW	OFCI MOUNTED UNDER COUNTER
CTRL-05	32" LARGE CONTROL ROOM DISPLAY	1	SIEMENS		NEW	OFCI ON COUNTER
CTRL-06	INTERCOM MICROPHONE / LOUSPEAKER	1	SIEMENS		NEW	OFCI ON COUNTER
CTRL-07	INTERCOM POWER UNIT	1	SIEMENS		NEW	OFCI ON COUNTER
CTRL-08	EATON 8555 REMOTE MONITORING DEVICE	1	SIEMENS		NEW	OFCI SEE MFG REQS
EQR-01	TV STAND	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
EQR-02	ATIS IMAGE SYSTEM	1	SIEMENS		NEW	OFCI FLOOR MOUNTED
EQR-03	EXCIMER LASER SYSTEM	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
EQR-04	SYSTEM CONTROL CABINET	1	SIEMENS		NEW	OFCI FLOOR MOUNTED
EQR-05	MEGA POWER ELECTROSURGICAL UNIT	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
EQR-06	EATON 8555 15 KVA UPS AND BATTERY	1	SIEMENS		NEW	OFCI SEE MFG REQS
EQR-07	EATON 8555 OUTPUT TRANSFORMER CABINET	1	SIEMENS		NEW	OFCI SEE MFG REQS
EQR-08	CABLE CABINET	1	SIEMENS		NEW	OFCI FLOOR MOUNTED
EQR-09	GENERATOR (AC)	1	SIEMENS		NEW	OFCI FLOOR MOUNTED
EQR-10	TUBE COOLING UNIT	1	SIEMENS		NEW	OFCI FLOOR MOUNTED
EQR-11	VALLEY LAB ESU CART	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-01	MAYO STAND	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-02	CASE CART	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-03	VITALS - MOBILE	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-04	FOOTSWITCH PEDAL	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-05	STRAIGHT FOOTSTOOL WITH HANDLE	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-06	SUPPLY CART	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-07	MOBILE X-RAY PROTECTIVE SCREEN	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-08	MOBILE X-RAY PROTECTIVE SCREEN	1	OWNER		EXISTING	OFCI COORDINATE LOCATION WITH OWNER
OR-09	TABLE CONTROL MODULES	1	SIEMENS		NEW	OFCI ON TABLE
OR-12	MEDRAD ARTERION INJECTOR PEDESTAL SYSTEM (INTEGRATED)	1	SIEMENS		NEW	OFCI SEE MFG REQS
OR-13	XDM MACHINE	1	OWNER		EXISTING	OFCI RE ELECTRICAL, COORDINATE LOCATION WITH OWNER
OR-14	ARTIS (CAND) CEILING PRO	1	SIEMENS		NEW	OFCI SEE MFG REQS
OR-22	3 GLOVE BOX	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-25	WALL MOUNT HAND SANITIZER DISPENSER	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-26	LINEN HAMPER W/ LID	1	OWNER		EXISTING	OFCI
OR-27	WASTE CONTAINER	1	OWNER		EXISTING	OFCI
OR-27	WASTE CONTAINER	1	OWNER		EXISTING	OFCI
OR-28	15 L WASTE CONTAINER	1	OWNER		EXISTING	OFCI
OR-29	SMALL DRY-ERASE WHITE BOARD	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-30	CONTROLLED SUBSTANCE DISPOSAL CONTAINER	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
OR-31	CUSHION SEAT EXAM STOOL	1	OWNER		EXISTING	OFCI
OR-32	WIRE SHELVES	1	OWNER		EXISTING	OFCI
OR-33	PATIENT TRANSFER BOARD	1	OWNER		EXISTING	OFCI WALL MOUNTED, COORDINATE LOCATION WITH OWNER
SCRB-02	WALL MOUNT DISINFECTANT WIPES DISPENSER	1	PROFESSIONAL DISPOSABLES INTERNATIONAL-POI	SANI-BRACKET EXTRA LARGE SINGLE CANISTER	NEW	OFCI WALL MOUNTED
SCRB-03	MULTIFOLD WALL MOUNT PAPER TOWEL DISPENSER	1	GEORGIA PACIFIC	EMOTION FLEX MINI AUTOMATED (BLACK)	NEW	OFCI WALL MOUNTED

### GENERAL NOTES - EQUIPMENT

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS, OR CONFLICTS IN THE DRAWINGS BEFORE BEGINNING WORK
- REFER TO MANUF. EQUIPMENT PLANS FOR IMAGING EQUIPMENT AND OTHER MISC. EQUIPMENT
- CONTRACTOR TO COORDINATE WITH OWNER FOR EQUIPMENT NOT NOTED IN SIEMENS EQUIPMENT PLANS
- REFER TO MANUF. REQUIREMENTS FOR EQUIPMENT REMOVAL

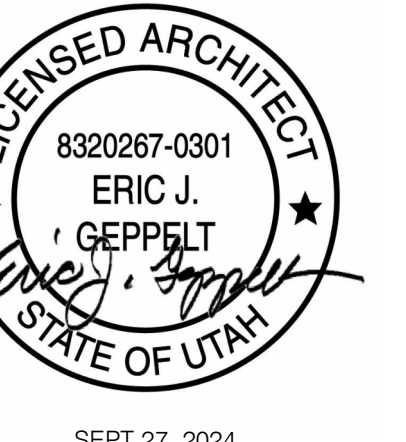
### KEYED NOTES

22.00.01 NEW STAINLESS STEEL WALL HUNG DOUBLE STATION SURGEON SCRUB SINK; RE: PLUMBING



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SEPT 27, 2024

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project:  
**McKay Dee  
Cath Lab 4  
Replacement**

McKay Dee Hospital  
4401 Harrison Blvd  
Ogden, UT 84403

project #: 24.0310  
date: SEPT 27, 2024

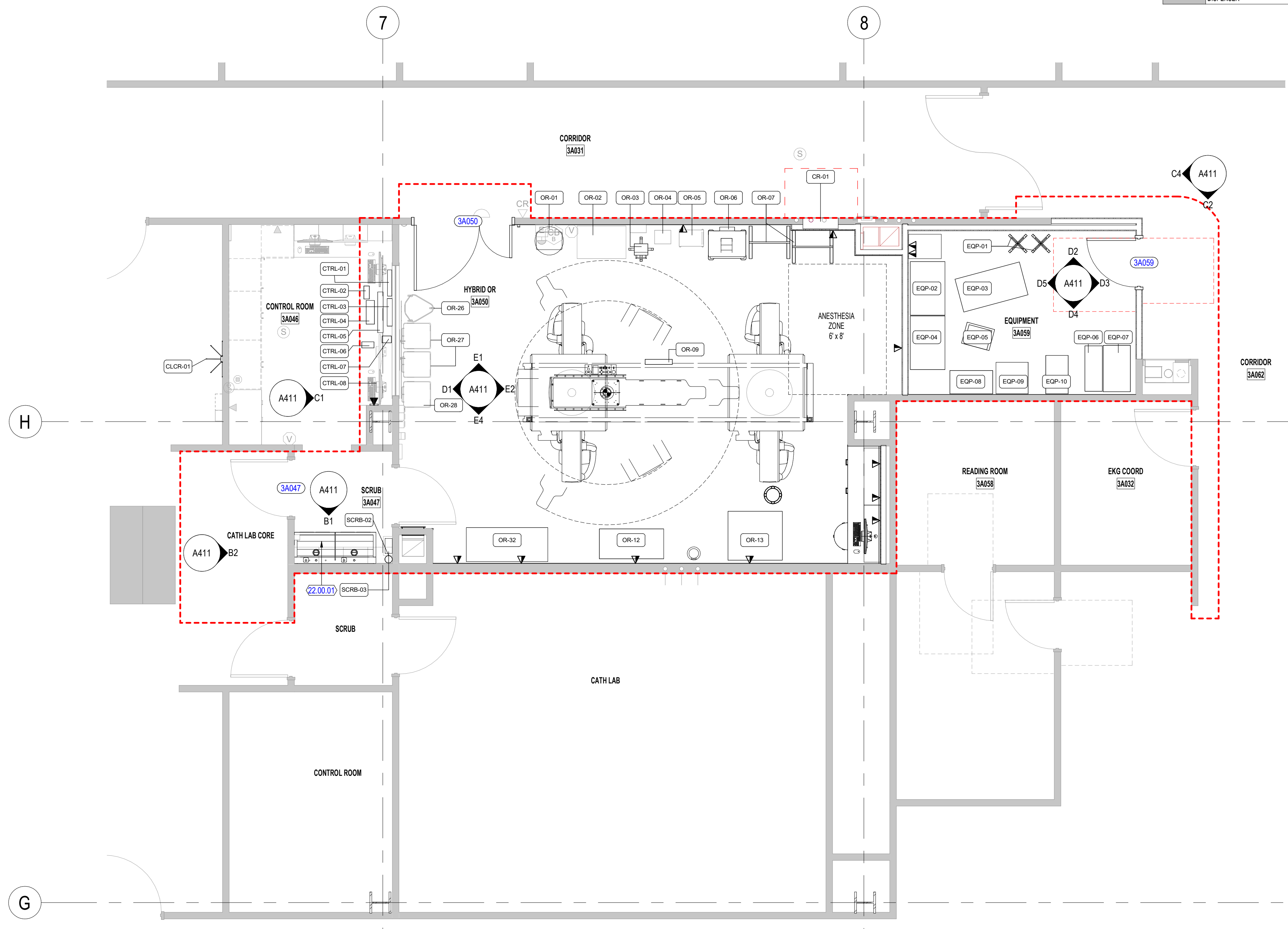
revisions :

title:  
**LEVEL 3  
EQUIPMENT  
PLAN**

sheet:

**A901**

CONSTRUCTION DOCUMENT



**A1** LEVEL 03 EQUIPMENT PLAN  
1/4" = 1'-0"

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