



INTERMOUNTAIN PARK CITY HOSPITAL CT / FLUOROSCOPY REMODEL

900 ROUND VALLEY DR, PARK CITY, UT 84060
INTERMOUNTAIN HEALTHCARE

VCBO NUMBER: 22545
CLIENT NUMBER: -

CONSTRUCTION DOCUMENTS
12-08-2023

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT
801.575.8800
VCBO.COM

ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT
435.522.7070



ABBREVIATIONS

& AND	EJ EXPANSION JOINT	LAV LAVATORY	REFG REFRIGERATOR
@ AT	ELEC ELECTRICAL	LB/ LBSPOUND (S)	RENF RENFORCE (ED)
ACT ACUSTICAL CEILING TILE	ELEV ELEVATION	EQ EQUAL	REM REMOVE (ED)
ADJ ADJUSTABLE	EQUIP EQUIPMENT	MAT MATERIAL (S)	REPL REPLACE
AFT ABOVE FINISH FLOOR	EVAP EVAPORATIVE	MAX MAXIMUM	REQD REQUIRED
ALT ALTERNATE	EXIST EXISTING	MDF MASONRY DENSITY FIBERBOARD	REV REVISION (S)
ALALUM ALUMINIUM	EXP EXPANSION	MECH MECHANICAL	RM ROOM
APPROX APPROXIMATE	EXT EXTERIOR	MEMB MEMBRANE	RO ROUGH OPENING
ARCH ARCHITECTURAL	EWC ELECTRIC WATER COOLER	MEZZ MEZZANINE	S SOUTH
BD BOARD	FA FIRE ALARM	MFR MANUFACTURER	SALV SALVAGE (ED)
BLDG BUILDING	FLR FLOOR	MGR MANAGER	SECT SECTION
BLK BLOCK (ING)	FDR FLOOR DRAIN	MIN MINIMUM	SF SQUARE FOOT
BO BOTTOM OF	FDN FOUNDATION	MIR MIRROR	SM SIMILAR
BRG BEARING	FE FIRE EXTINGUISHER	MISC MISCELLANEOUS	SLNT SEALANT
BSMT BASEMENT	FEC FIRE EXTINGUISHER CABINET	MDO MASONRY OPENING	SPEC SPECIFICATION (S)
BS BOTH SIDES	FG FINISH GRADE	MTD MOUNT, (ED)	SQ SQUARE
BW BOTH WAYS	PH FIRE HYDRANT	MW METAL	SS STAINLESS STEEL
CAB CABINET	FIN FINISHED	NIC NOT IN CONTRACT	STC SOUND TRANSMISSION CLASS
CB CATCH BASIN	FLR FLOOR	NO NUMBER	STD STANDARD
CCSA CUSTOM COLOR SELECTED BY ARCHITECT	F.O. FACE OF	NOM NOMINAL	STL STEEL
CG CORNER GUARD	FT FIBER REINFORCED PANEL	NRC NOISER REDUCTION COEFFICIENT	STOR STORAGE
CHAM CHAMFER	FRT FIRE RETARDANT TREATED WOOD	NTS NOT TO SCALE	STRUC STRUCTURE (AL)
CJ CONTROL JOINT	FTG FOOTING	OC ON CENTER	SUSP SUSPENDED
CL CENTER LINE	PV FIELD VERIFY	OD OUTSIDE DIAMETER	SYM SYMMETRY (ICAL)
CLG CEILING	GA GAUGE	OFD OVERFLOW DRAIN	T THICKNESS
CLR CLEAR	GALV GALVANIZED	OH OVERHEAD	T & B TOP AND BOTTOM
CM CONSTRUCTION MANAGER	GB GRAB BAR	OPC OWNER FURNISHED/ TO BE DETERMINED	T & G TOP AND GROOVE
COL COLUMN	GC GENERAL CONTRACTOR	OPF OVERFLOW DRAIN	TEMP TEMPORARY
COMP COMPUTER	GFRF GLASSFIBER REINFORCED PANEL	OH OVERHEAD	THRU THROUGH
CONC CONCRETE	GYP GYPSUM	O.T. TOP OF	T.O. TOP OF
CONT CONTINUOUS	GWB GYPSUM WALLBOARD	OPP OPPOSITE	TRANS TRANSFORMER
CSBA COLOR SELECTED BY ARCHITECT	HB HOSE BIBB	OSB ORIENTED STRAND BOARD	TS TUBE STEEL
CT CERAMIC TILE	HC HANDICAP ACCESSIBLE	QZ QUINCE	TYP TYPICAL
D DEPTH	HDW HARDWARE	PERI PERIMETER	UNF UNFINISHED
DB DECK BEARING	HDF HIGH DENSITY FIBERBOARD	PERM PERMEANT	UNLESS OTHERWISE NOTED
DBL DOUBLE	HM HOLLOW METAL	PL PLATE	VAR VARIES
DEPT DEPARTMENT	H HEIGHT	PLAM PLASTIC LAMINATE	VB VINYL BARRIER
DF DRINKING FOUNTAIN	HOR HORIZONTAL	P.O. POINT OF	VCT VINYL COMPOSITION TILE
DIA DIAMETER	ID INSIDE DIAMETER	PR PAIR	VERT VERTICAL
DIM DIMENSION	ICF INSULATED CONCRETE FORM	PT POST TENSIONED	VEST VESTIBULE
DN DOWN	IN INCH	PART PARTITION	VVC VINYL WALLCOVERING
DRN DRAIN	INCL INCLUDE	PLY PLYWOOD	W WEST
DTY DET DETAIL	INFO INFORMATION	QT QUARRY TILE	W WIDTH
DW DISHWASHER	INT INTERIOR	R / RAD RADIUS	W/ WITH
DWG DRAWING	INSUL INSULATE, (D), (ION)	RCP REFLECTED CEILING PLAN	WC WATER CLOSET
E EAST	INV INVERT	REC RECESSED	WD WOOD
(E) EXISTING	JST JOIST	REF REFERENCE	W/O WITHOUT
EA EACH			W.O. WHERE OCCURS
EIFS EXTERIOR INSULATION SYSTEM			WSC WAINSCOT
			WWF WELDED WIRE FABRIC

NOT ALL ABBREVIATIONS MAY BE USED

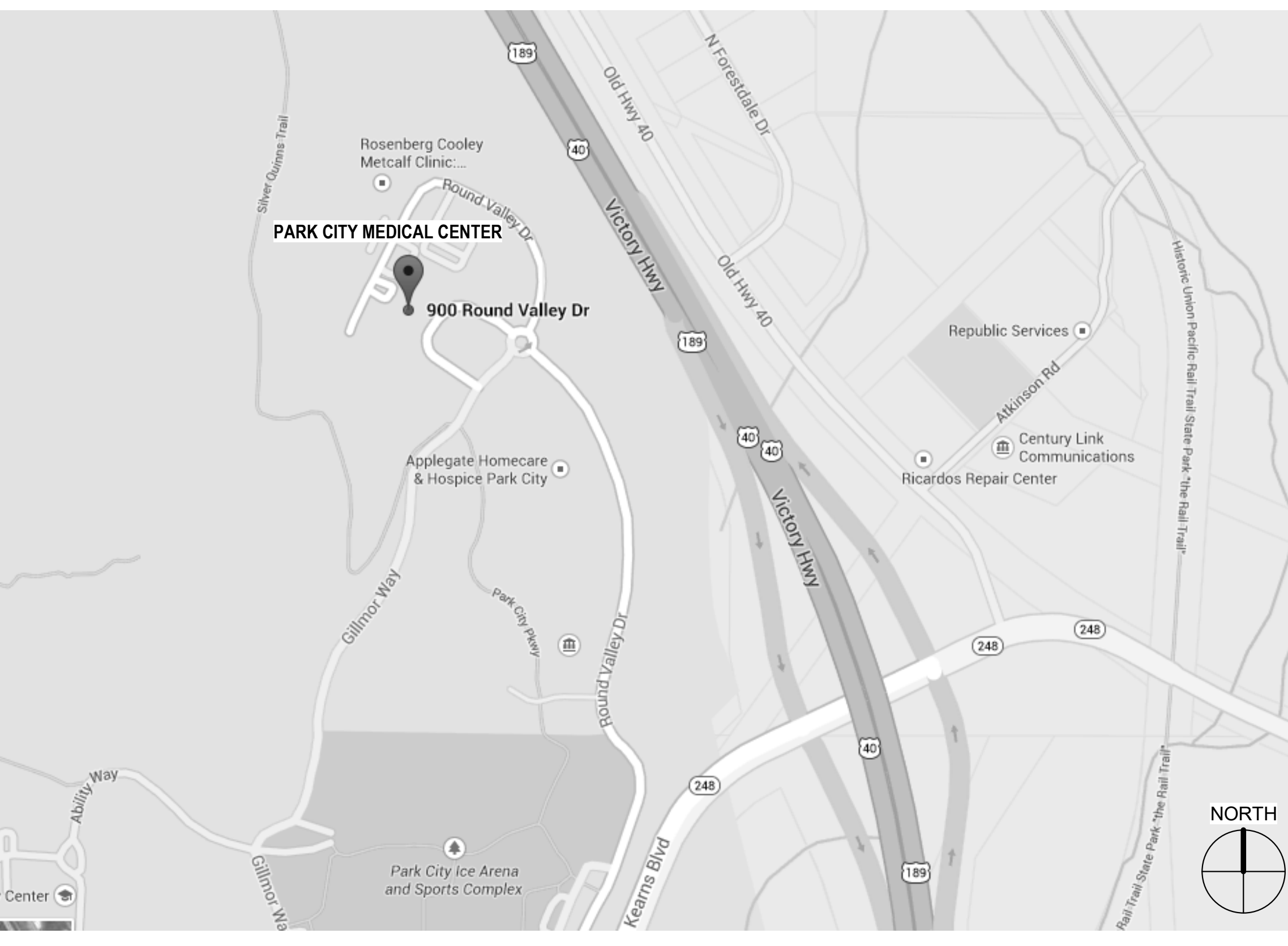
UTILITY CONTACTS

POWER Rocky Mountain Power 201 S. Main Street, Suite #2300 Salt Lake City, UT 84111 888.221.7070	WATER / SEWER Snyderville Basin Water Reclamation District 2820 Homestead Road Park City, Utah 84098 phone: 435.649.7993 fax: 435.649.9040
NATURAL GAS Dominion Energy Park City, UT 84090 435.649.0670	TELEPHONE Centurylink 4160 Atkinson Drive Park City, UT, 84098 phone: 435.649.6186

PROJECT TEAM

OWNER Intermountain Health Facility Planning & Development Eric Adams, Project Manager 38 South State Street, Suite 2300 Salt Lake City, UT 84111 eric.adams@gmail.com	FACILITY Park City Hospital Intermountain Health Jennilyn Ferry 900 Round Valley Drive Park City, Utah 84090 jennilyn.ferry@gmail.com
ARCHITECTS VCBO Architecture Jeff Pinegar 524 South 600 East Salt Lake City, Utah 84102 801.486.3800 jpinegar@vcbo.com	STRUCTURAL ENGINEER Reaveley Engineers + Associates Jerod Johnson, P.E., S.E. 515 East 100 South, Suite 1200 Salt Lake City, UT 84102 801.486.3863 johnson@reaveley.com
MECHANICAL ENGINEER Van Boerum & Frank Associates Inc. Peter Johnson, P.E., LEED AP 181 East 5600 South, Suite 200 Murray, UT 84123 801.550.5146 jsmith@vbfa.com	ELECTRICAL ENGINEER Spectrum Engineers Peter Johnson, P.E., LEED AP 324 S. State Street, Suite 400 Salt Lake City, UT 84111 801.401.8422 peter.johansen@spspeceng.com

VICINITY MAP



REFERENCE SYMBOL LEGEND

BUILDING SECTION
WALL SECTION: 1. SIM. NUMBER, 2. DIRECTION OF VIEW, 3. SHEET WHERE DRAWN

BUILDING SECTION
ELEVATION NUMBER AND DIRECTION: 1. SIM. NUMBER, 2. SHEET WHERE DRAWN

WALL SECTION
WALL SECTION: 1. SIM. NUMBER, 2. DIRECTION OF VIEW, 3. SHEET WHERE DRAWN

LAYOUT GRID LINES
GRID IDENTIFICATION: 1. GRID LINE, 2. IDENTIFICATION LETTER

INTERIOR ELEVATION
ELEVATION NUMBER AND DIRECTION: 1. ELEVATION NUMBER AND DIRECTION, 2. SHEET WHERE DRAWN

LEVEL LINE
SECOND LEVEL: 1. LEVEL LINE, 2. SECOND LEVEL

ROOM NAME AND NUMBER
ROOM NAME: 1. ROOM NAME, 2. ROOM NUMBER

DETAIL REFERENCE
DETAIL NUMBER: 1. DETAIL NUMBER, 2. SHEET WHEN DRAWN, 3. HYPHEN INDICATES DETAIL ON SAME SHEET

WALL TYPE MARK
XX-X: 1. WALL TYPE MARK, 2. SEE WALL TYPE SHEET FOR ADDITIONAL INFORMATION

DRAWING TAGS

REVISIONS TAG
REVISION NUMBER: 1. REVISION NUMBER, 2. TRANSITION SYMBOL

CEILING TAG
CEILING TYPE: 1. CEILING TYPE, 2. CEILING HEIGHT

WINDOW TAG
WINDOW MARKER: 1. WINDOW MARKER

SHEET SYMBOLS
DRAWING TITLE: 1. DRAWING TITLE, 2. BASIC DRAWING TITLE

FLOOR TRANSITIONS MARKER
TRANSITION SYMBOL: 1. TRANSITION SYMBOL

ELEVATION MARKER
ELEVATION MARKER: 1. ELEVATION MARKER

FINISH TAG
FINISH TAG: 1. FINISH TAG

PROJECT NORTH
PROJECT NORTH: 1. PROJECT NORTH, 2. MATCH LINE

GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
- AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
- THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.
- EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.
- CONTRACTOR TO FOLLOW CURRENT ANSI 117-1 STANDARDS AS REPRESENTED ON SHEET G301, GENERAL ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN DRAWINGS CONFLICT WITH THIS SHEET.

NOTES TO BIDDERS

- THIS SHEET CONTAINS A LIST OF DRAWINGS WHICH COMPRISE A FULL SET OF DRAWINGS FOR THIS PROJECT. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS. IF ANY PERSON, PARTY OR ENTITY ELECTS TO SUBMIT BIDS FOR ANY PORTION OR ALL OF THIS PROJECT, THAT PERSON, PARTY OR ENTITY SHALL BE RESPONSIBLE FOR ANY AND ALL INFORMATION CONTAINED IN THESE DRAWINGS AND SPECIFICATIONS, INCLUDING, BUT NOT LIMITED TO, ANY SUBSEQUENT ADDENDUMS OR CLARIFICATIONS THAT MAY BE ISSUED.
- THESE DOCUMENTS SHOW THE DESIGN INTENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE EVERYTHING SHOWN ON THE DRAWINGS OR SPECIFIED REGARDLESS OF WHERE IT IS SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS. FOR EXAMPLE, SOME MILLWORK DETAILS HAVE STEEL FRAMES WHICH MAY BE PROVIDED BY DIVISION 05 OR WITH THE MILLWORK AT THE CONTRACTOR'S DISCRETION, BUT IT SHALL BE PROVIDED AS PART OF THE CONTRACT.
- EVERYTHING CALLED FOR IN THESE DOCUMENTS SHALL BE "NEW" AND PROVIDED BY THE CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT UNLESS NOTED OTHERWISE AS EXISTING (EXIST), NOT IN CONTRACT (NIC) OR FOR REFERENCE ONLY. FURNISHINGS SHOWN DASHED SHALL BE FOR REFERENCE ONLY.

SHEET INDEX

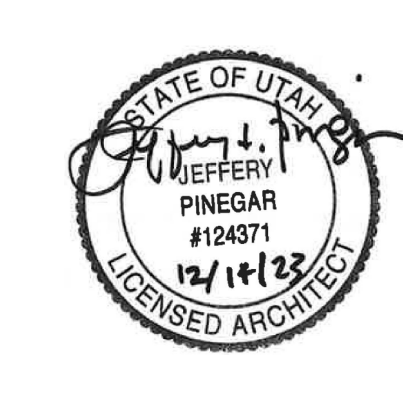
SHEET NUMBER	SHEET NAME
GENERAL	
G001	GENERAL INFORMATION AND SHEET INDEX
G101	CODE - LIFE SAFETY
G301	TYPICAL ANSI ACCESSIBILITY STANDARDS
ARCHITECTURAL DEMOLITION	
AD110	FIRST FLOOR - DEMOLITION PLAN & DEMOLITION RCP
ARCHITECTURAL SITE	
AS101	OVERALL SITE PLAN
ARCHITECTURAL	
AO10	OVERALL PLAN - FIRST FLOOR
A110	FIRST FLOOR - SLAB PLAN, ANNOTATED & DIMENSION PLAN
A111	FIRST FLOOR - REFLECTED CEILING PLAN & EQUIPMENT PLAN
A112	FIRST FLOOR - FINISH PLAN & INTERIOR ELEVATIONS
A113	FIRST FLOOR - EQUIPMENT PLAN
A401	INTERIOR ELEVATIONS
A402	INTERIOR ELEVATIONS
A520	TYPICAL INTERIOR FRAMING DETAILS
A521	RADIATION SHIELDING DETAILS
A540	CEILING DETAILS
A570	TYPICAL MILLWORK - FINISH DETAILS
A600	DOOR SCHEDULE
STRUCTURAL	
S-01	GENERAL STRUCTURAL NOTES
S-101	PARTIAL FRAMING PLANS
S-102	STRUCTURAL ELEVATIONS
S-103	STRUCTURAL DETAILS
MECHANICAL	
M000	MECHANICAL TITLE SHEET
M001	MECHANICAL GENERAL NOTES
M101	LEVEL 1 HVAC PLAN
M111	LEVEL 1 MECHANICAL PIPING PLAN
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
PLUMBING	
P000	PLUMBING TITLE SHEET
P101	LEVEL 1 PLUMBING PLAN
MEDICAL GAS	
MG101	LEVEL 1 MEDICAL GAS PLAN
FIRE PROTECTION	
F001	FIRE PROTECTION TITLE SHEET
F101	LEVEL 1 FIRE PROTECTION PLAN
ELECTRICAL	
EE001	SHEET INDEX, ABBREVIATIONS AND GENERAL NOTES
EE002	SYMBOL LEGENDS
EE003	TELECOM SCHEDULES AND NOTES
EE501	ELECTRICAL DETAILS
EE502	GE DRAWINGS
EE503	GE DRAWINGS
EE701	TYPICAL MOUNTING HEIGHT DETAILS
ED101	FIRST FLOOR - DEMOLITION PLANS
EP101	FIRST FLOOR - OVERALL POWER PLAN
EP101-1	FIRST FLOOR - POWER PLAN
EP551	TELECOM EQUIPMENT RACK ELEVATION
EP601	ONE-LINE DIAGRAMS
EP651	TELECOM RISER DIAGRAMS
EL101	FIRST FLOOR - LIGHTING PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EL602	LIGHTING CONTROL SCHEDULES
EY101	FIRST FLOOR - AUXILIARY PLAN
EY601	AUXILIARY DIAGRAMS & DETAILS
FA101	FIRST FLOOR - FIRE ALARM PLAN
Grand total: 62	

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST., #103
ST. GEORGE, UT 84770
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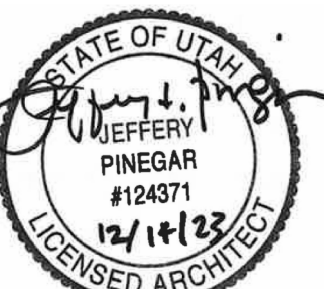


REV DATE DESCRIPTION

**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS

GENERAL INFORMATION AND SHEET INDEX

G001



DESIGN DATA

GOVERNING BUILDING CODES:

IBC 2021, ANS1 117-1 2017, IECC 2021, IMC 2021, IPC2021, NEC 2020

OCCUPANCY TYPE - (CH.3)

- INSTITUTIONAL I-2 - CONDITION 2 (308.3.1.2)

CONSTRUCTION TYPE: PER TABLE 506.2.1-B

- FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TBL 601)**
- STRUCTURAL FRAME (INCLUDES COL., GIRDERS, TRUSSES) - 2 HOUR
 - BEARING WALLS EXTERIOR - 2 HOUR
 - INTERIOR - 2 HOUR
 - INTERIOR SUPPORTING ROOF ONLY - 1 HOUR
 - NON-BEARING WALLS AND PARTITION - 0 HOUR
 - FLOOR CONSTRUCTION INCLUDING BEAMS AND JOISTS - 2 HOUR
 - ROOF CONSTRUCTION INCLUDING BEAMS AND JOISTS - 1 HOUR

UL ASSEMBLIES TO BE AS FOLLOWS FOR RATING LISTED ABOVE:

- ALL WIDE FLANGE STEEL COLUMNS: UL X772
- ALL TUBE STEEL COLUMNS: UL X771
- FLOOR SYSTEM: UL D888
- ROOF SYSTEM: UL P701
- SHAFT WALLS: UL U415
- METAL STUD WALLS: UL419
- SLAB PERIMETER FIRE STOP 2 HOUR PER ENGINEERING JUDGEMENTS
- FLOOR EXPANSION JOINT 2 HOUR RATED
- TOP OF RATED WALLS: HW-D-0042

AUTOMATIC SPRINKLER SYSTEM:

• EXISTING SYSTEM PROVIDE SYSTEM PER IBC 903 AND NFPA 13

EGRESS WIDTH FOR OCCUPANCY SERVED PER 1005

- STAIRS: 0.3 IN / OCC. (4" MINIMUM WIDTH)

- OTHER EGRESS: 0.2 IN / OCC. (4" MINIMUM CORRIDOR WIDTH)

EXIT ACCESS - (CH. 10)

2 EXITS REQUIRED - (CH. 1016.1)

- WHERE THE OCCUPANCY LOAD TOTALS MORE THAN 50
EXITS PLACED FAR ENOUGH APART - NOT LESS THAN 1/3 MAXIMUM DIAGONAL
DIMENSION OF AREA SERVED - MEASURED STRAIGHT LINE BETWEEN EXITS

TRAVEL DISTANCE - (TABLE 1017.2)

- WITH SPRINKLER SYSTEM - 200' MAXIMUM LENGTH OF EXIT ACCESS
TRAVEL

COMMON PATH OF EGRESS TRAVEL - (TABLE 1006.2.1)

- UNTIL 2 EXITS BECOME OBVIOUS: 75 FEET

CORRIDOR FIRE RESISTANCE RATING (TABLE 1020.2)

- WITH SPRINKLER SYSTEM - 0 HOUR FIRE RATED CONSTRUCTION

DEAD ENDS (1020.5)

- 20' IN SPRINKLERED BUILDING

INTERIOR WALL & CEILING FINISH REQUIREMENTS - (CH. 8 TABLE 803.13)

- IN SPRINKLERED BUILDING:
- EXIT ENCLOSURES AND EXIT PASSAGEWAYS - CLASS B
- CORRIDORS AND OTHER EXIT WAYS - CLASS B
- ROOMS AND ENCLOSED SPACES - CLASS B

INTERIOR FLOORS FINISH - (PER 804)

- IN SPRINKLERED BUILDING - CLASS I & II

GOVERNING BUILDING CODES:

NFPA 101 LIFE SAFETY 2018

OCCUPANCY TYPE - (SEE PLANS FOR LOCATION)

• (CH.19) EXISTING HEALTHCARE OCCUPANCIES

TRAVEL DISTANCE (19.2.6)

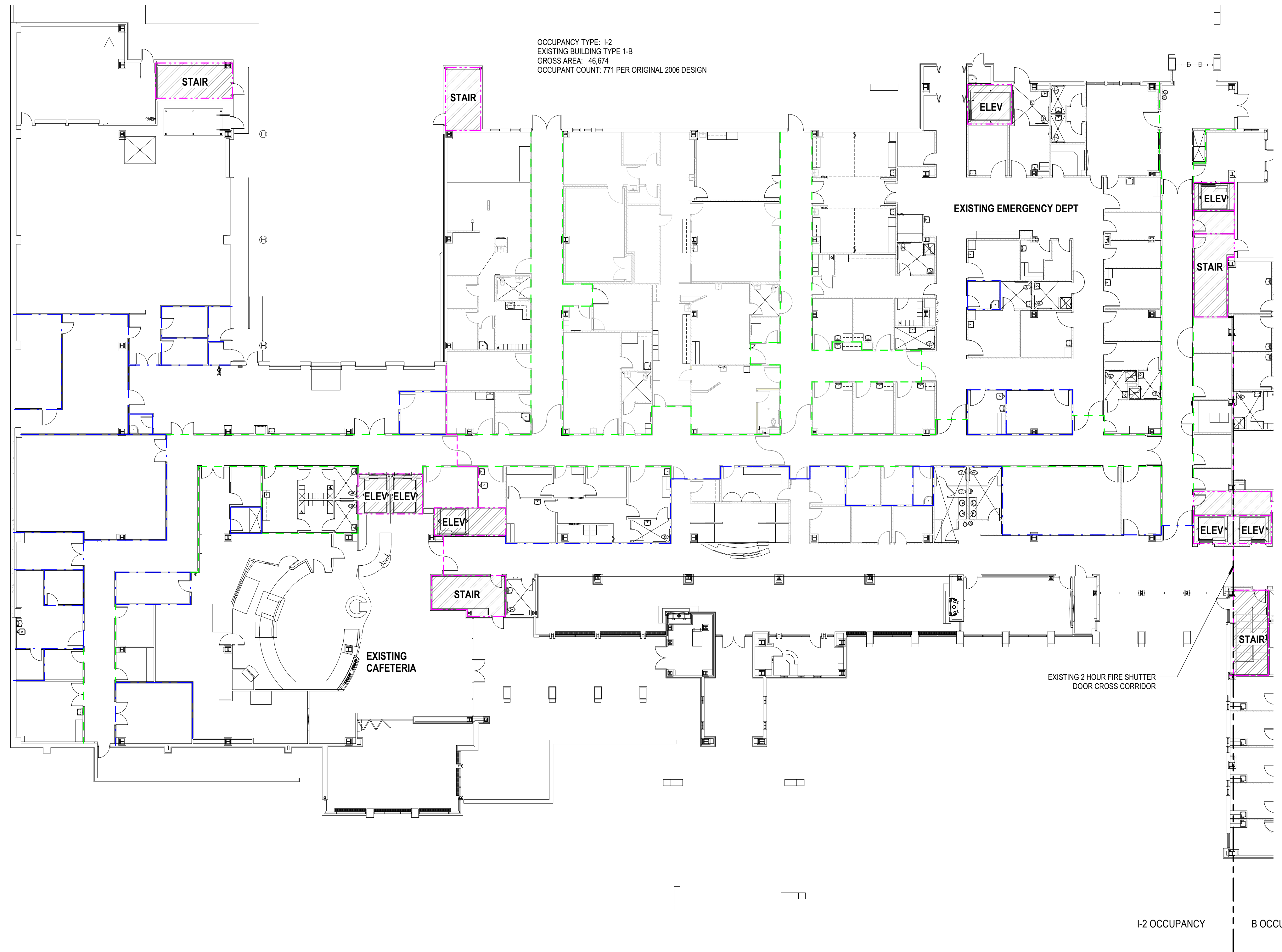
- ROOM DOOR TO EXIT NOT TO EXCEED 100 FT
- ANY POINT IN ROOM TO EXIT NOT TO EXCEED 150 FT

SUBDIVISION OF BUILDING SPACE (NFPA 2018 - 2019.3.7)

- SEPARATION WALLS - 1 HOUR
- DOORS - SELF CLOSING - 20 MINUTE
- SMOKE COMPARTMENTS NOT TO EXCEED 22,500 AND TRAVEL DISTANCE
FROM ANY POINT TO REACH DOOR IN SMOKE BARRIER SHALL NOT EXCEED
200 FT (20.3.7.3)

FIRE AND LIFE SAFETY LEGEND

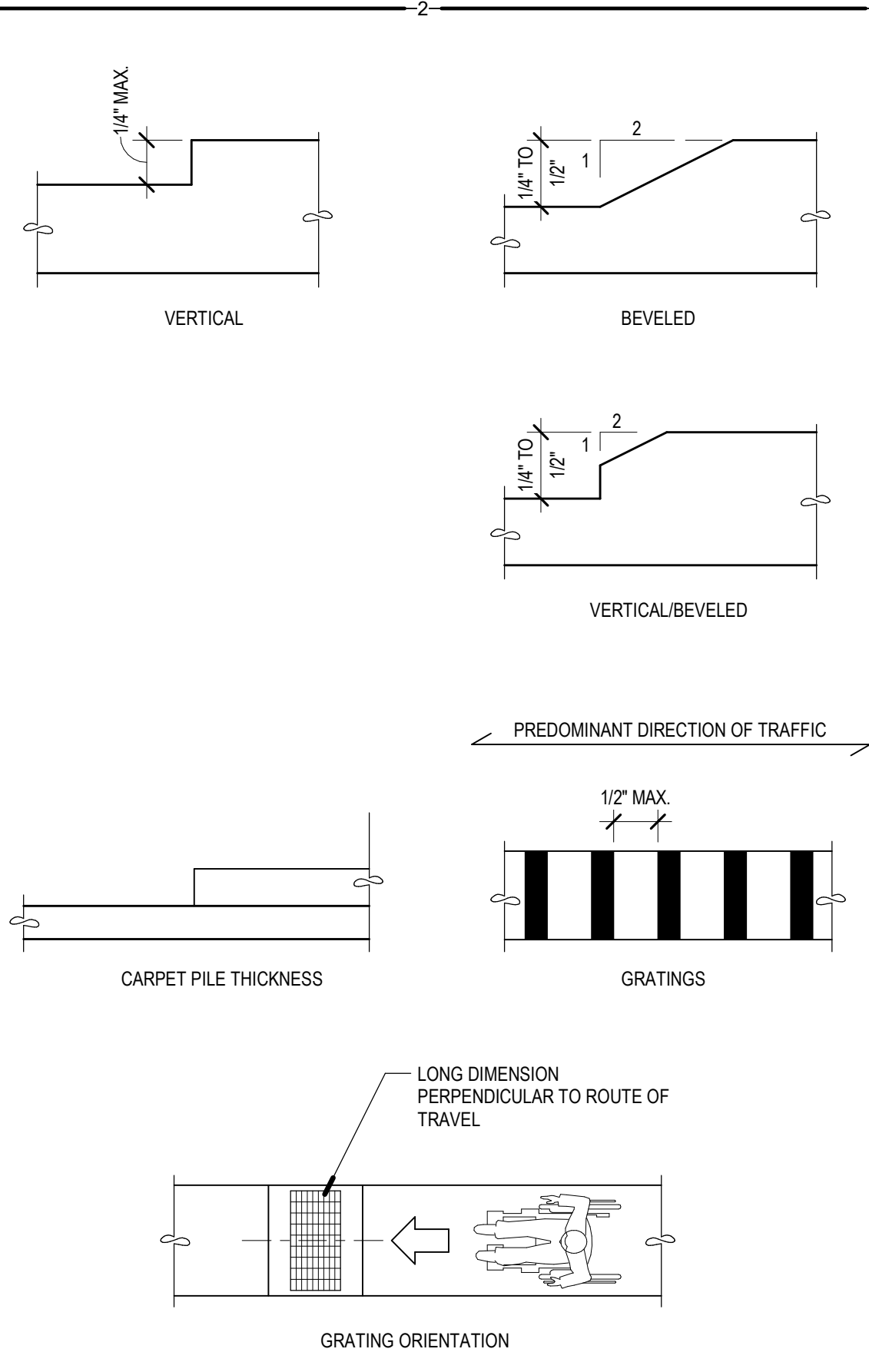
- - - - - EXISTING SMOKE BARRIER - WITH SMOKE PROTECTED
CONSTRUCTION AND 20 MINUTE OPENINGS (IBC 708)
- - - - - EXISTING 1 HOUR FIRE BARRIER - WALL CONSTRUCTION (IBC 707)
- - - - - EXISTING 2 HOUR FIRE BARRIER - WALL CONSTRUCTION (IBC 707)
- - - - - EXISTING 2 HOUR FIRE WALL - CONSTRUCTION (IBC 706)
- - - - - PATH OF TRAVEL TO EXIT PER IBC TBL 1016.2
- [Hatched Box] EXISTING ONE HOUR RATED ENCLOSURE, WALLS PER UL U419
- [Hatched Box] EXISTING ONE HOUR RATED SHAFT ENCLOSURE, WALLS PER UL U415
- [Hatched Box] EXISTING TWO HOUR RATED SHAFT ENCLOSURE



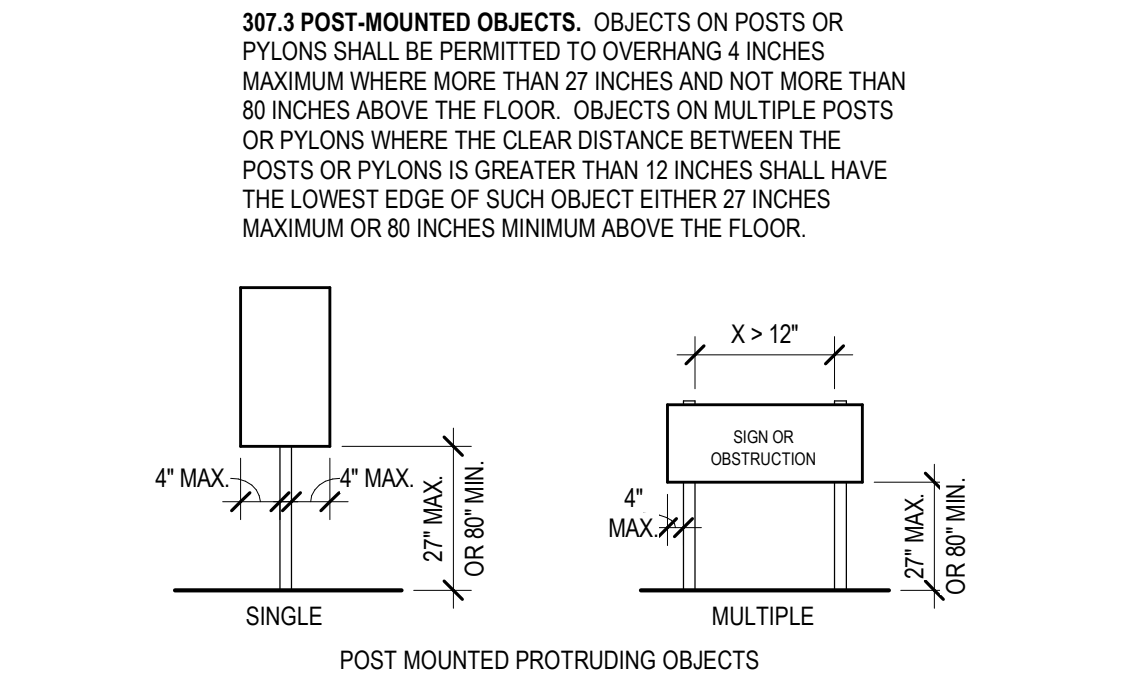
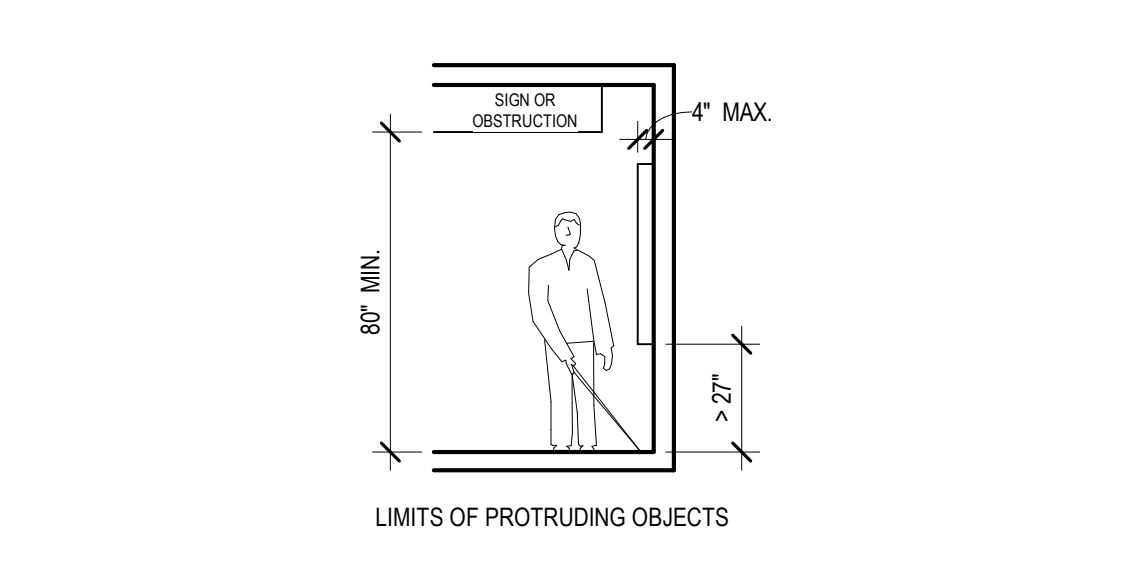
A4 FIRST FLOOR OVERALL- LIFE SAFTEY PLAN

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

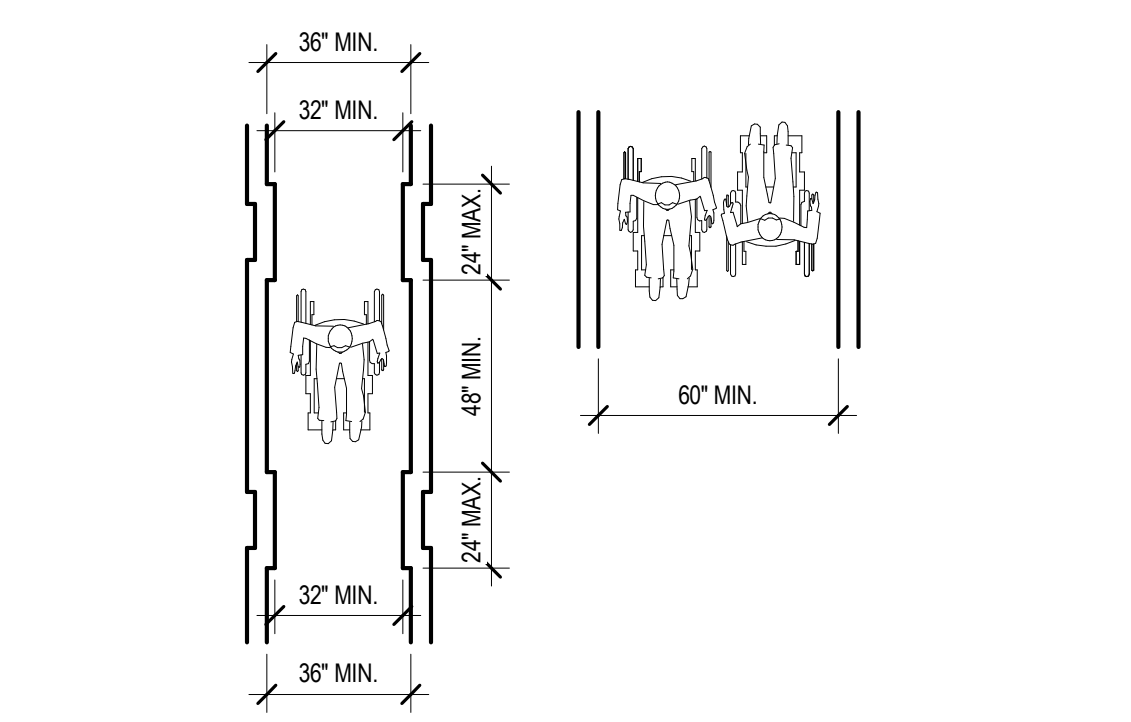
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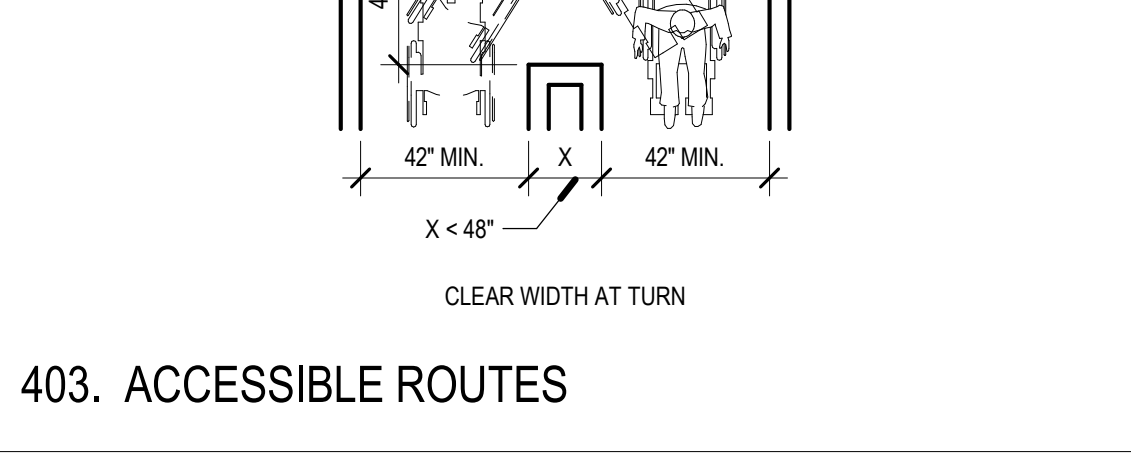
303. CHANGES IN LEVEL



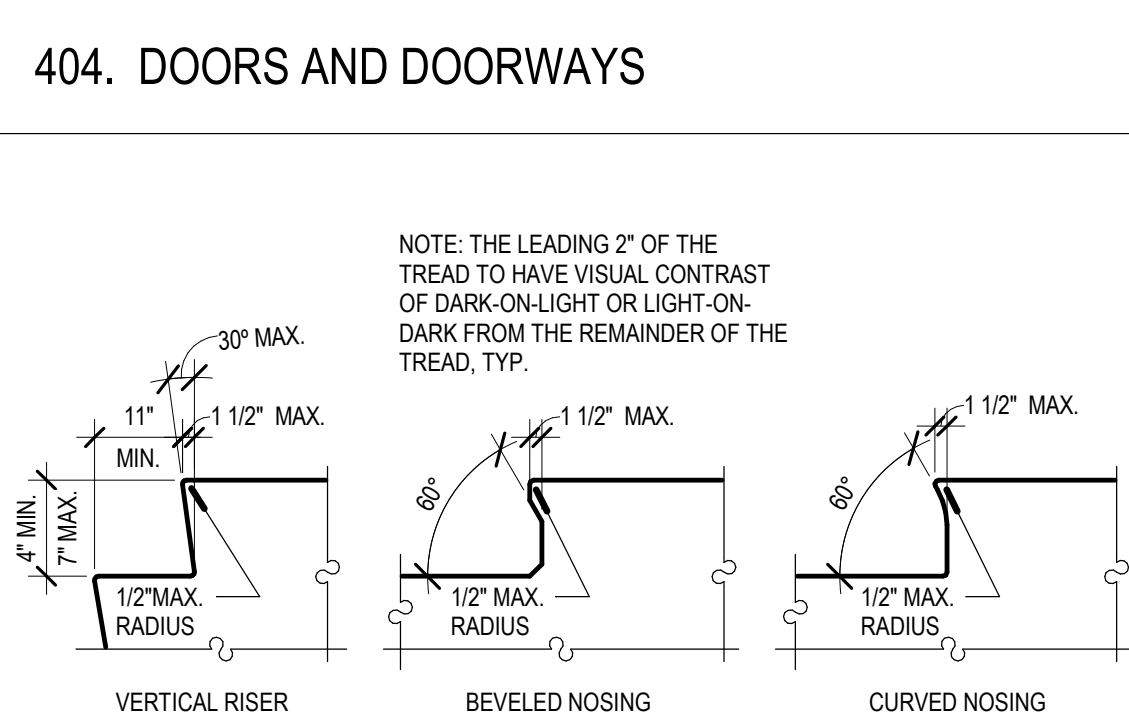
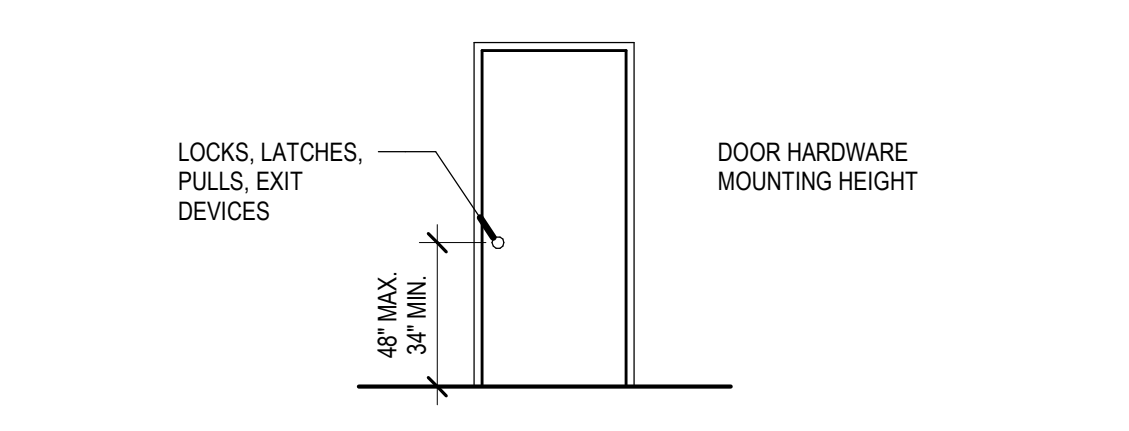
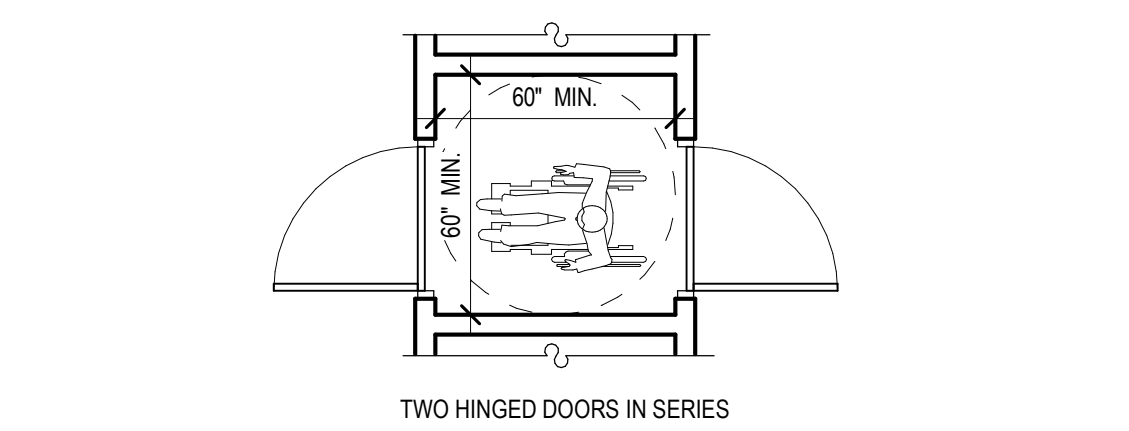
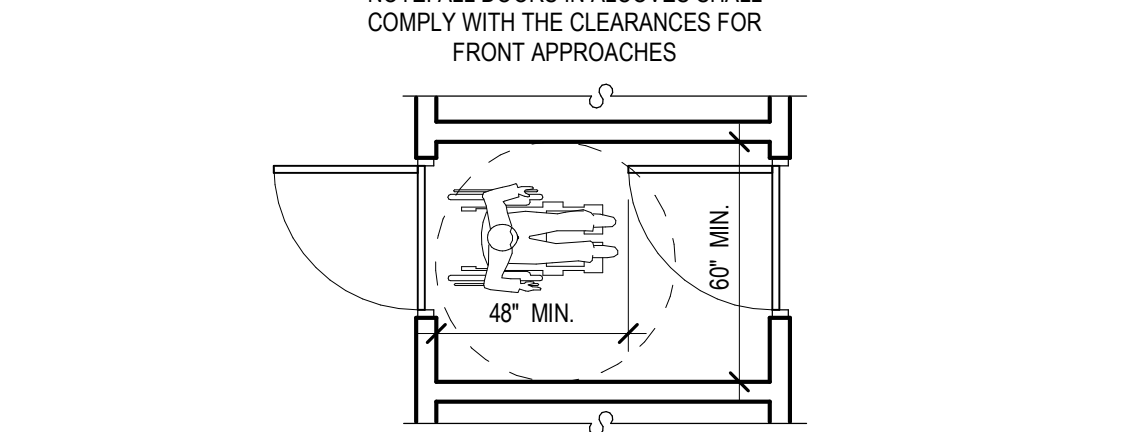
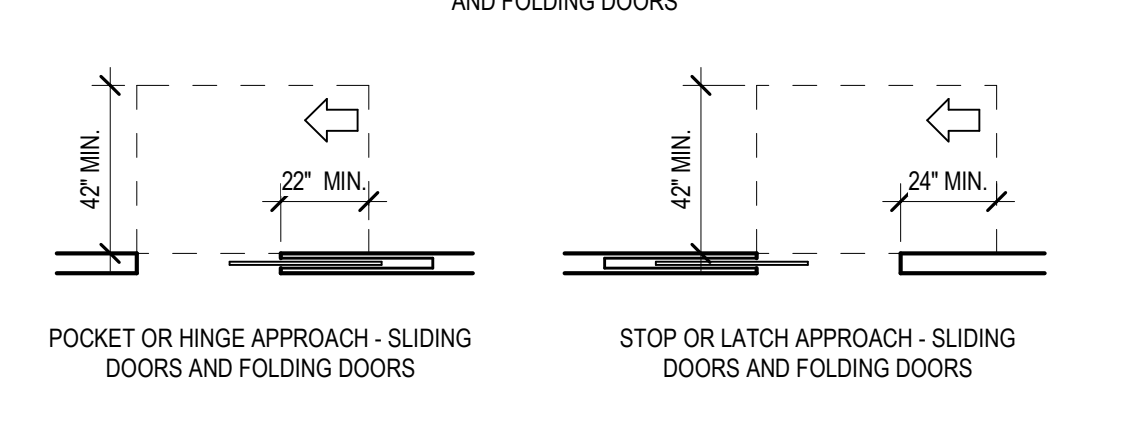
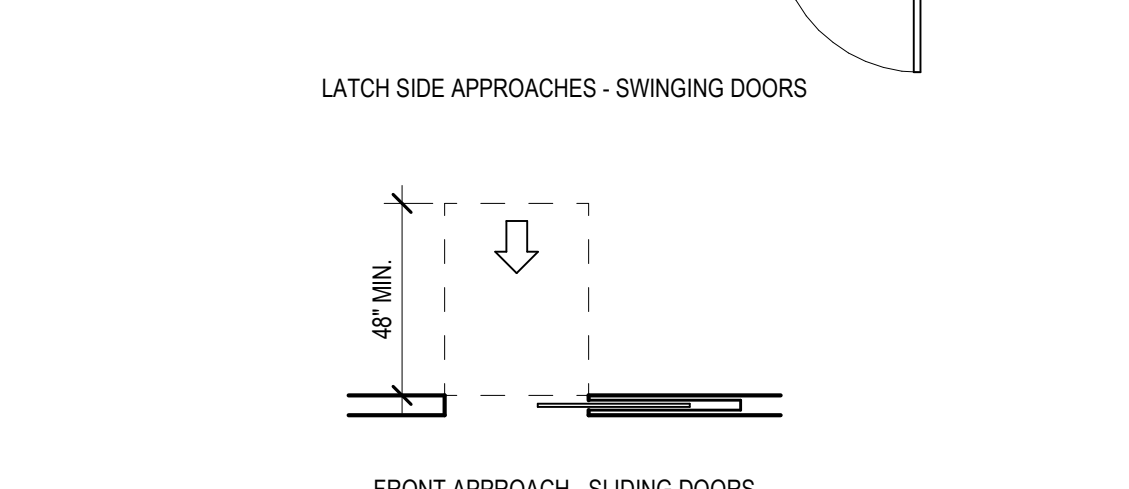
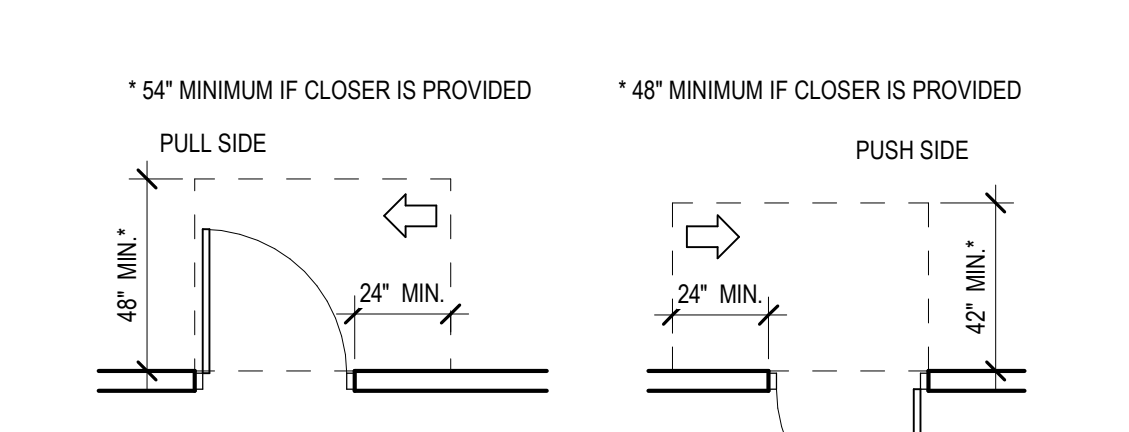
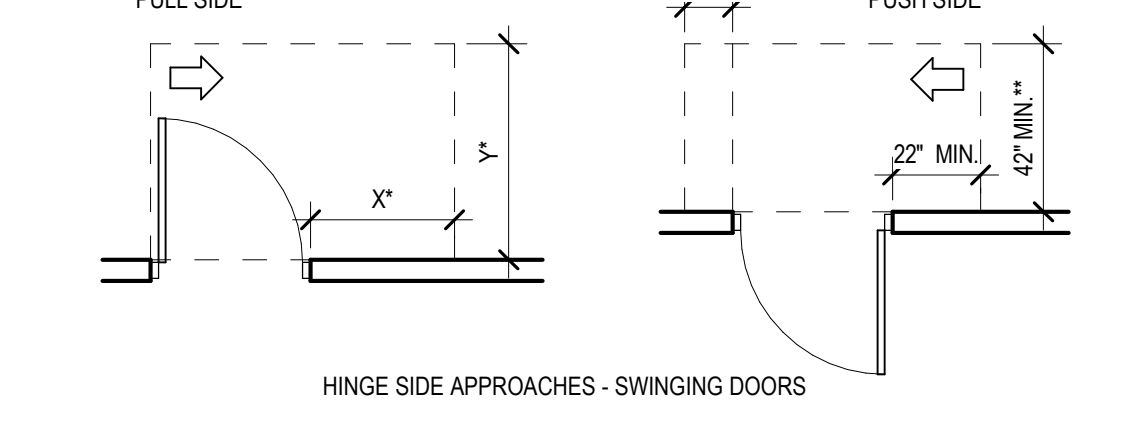
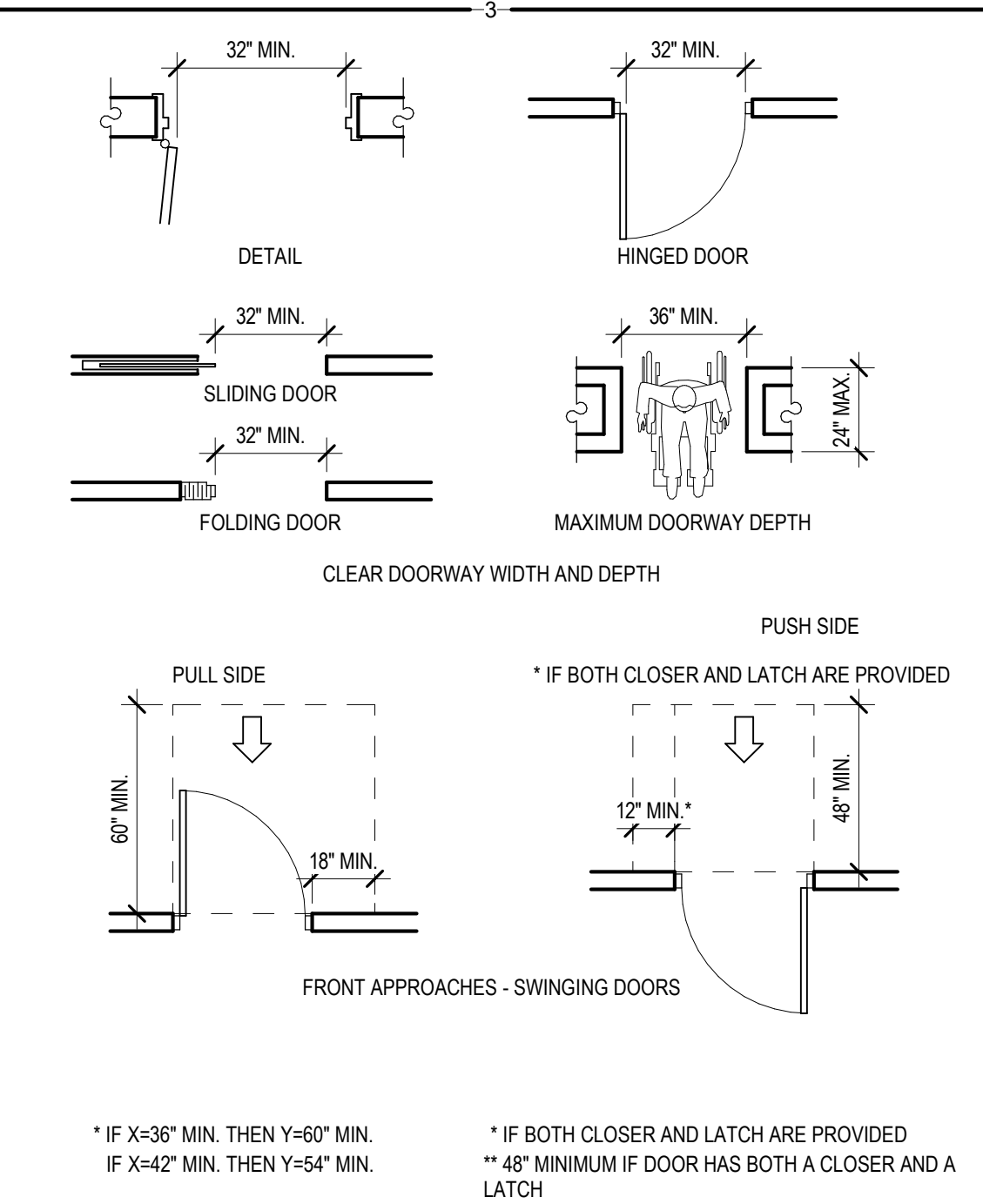
307. PROTRUDING OBJECTS



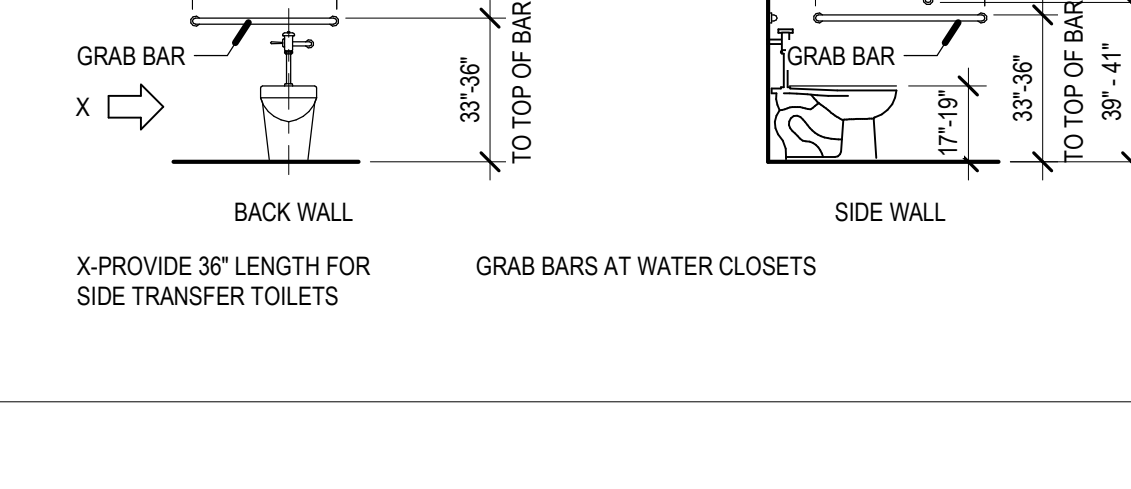
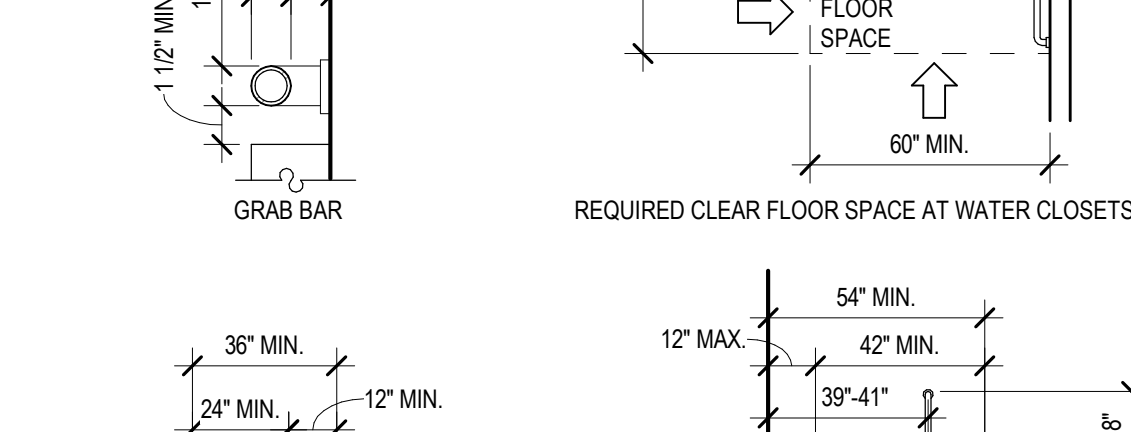
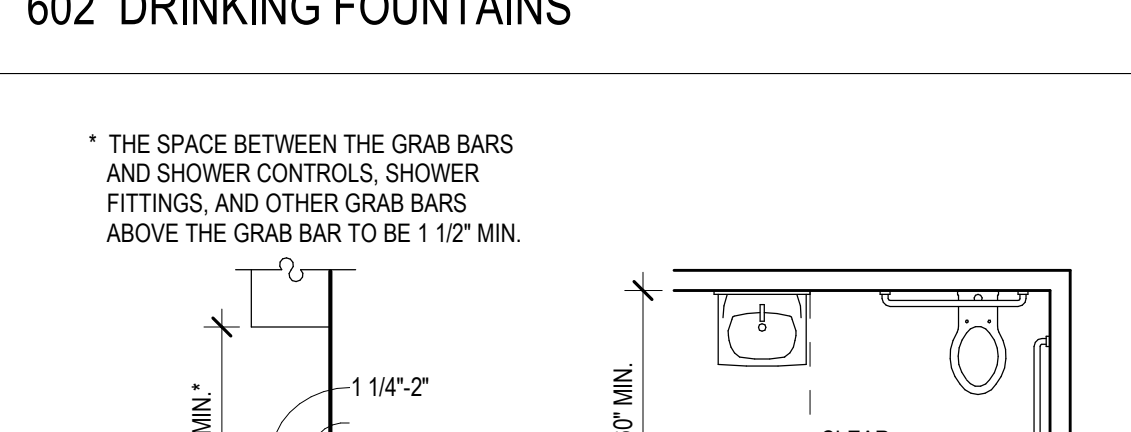
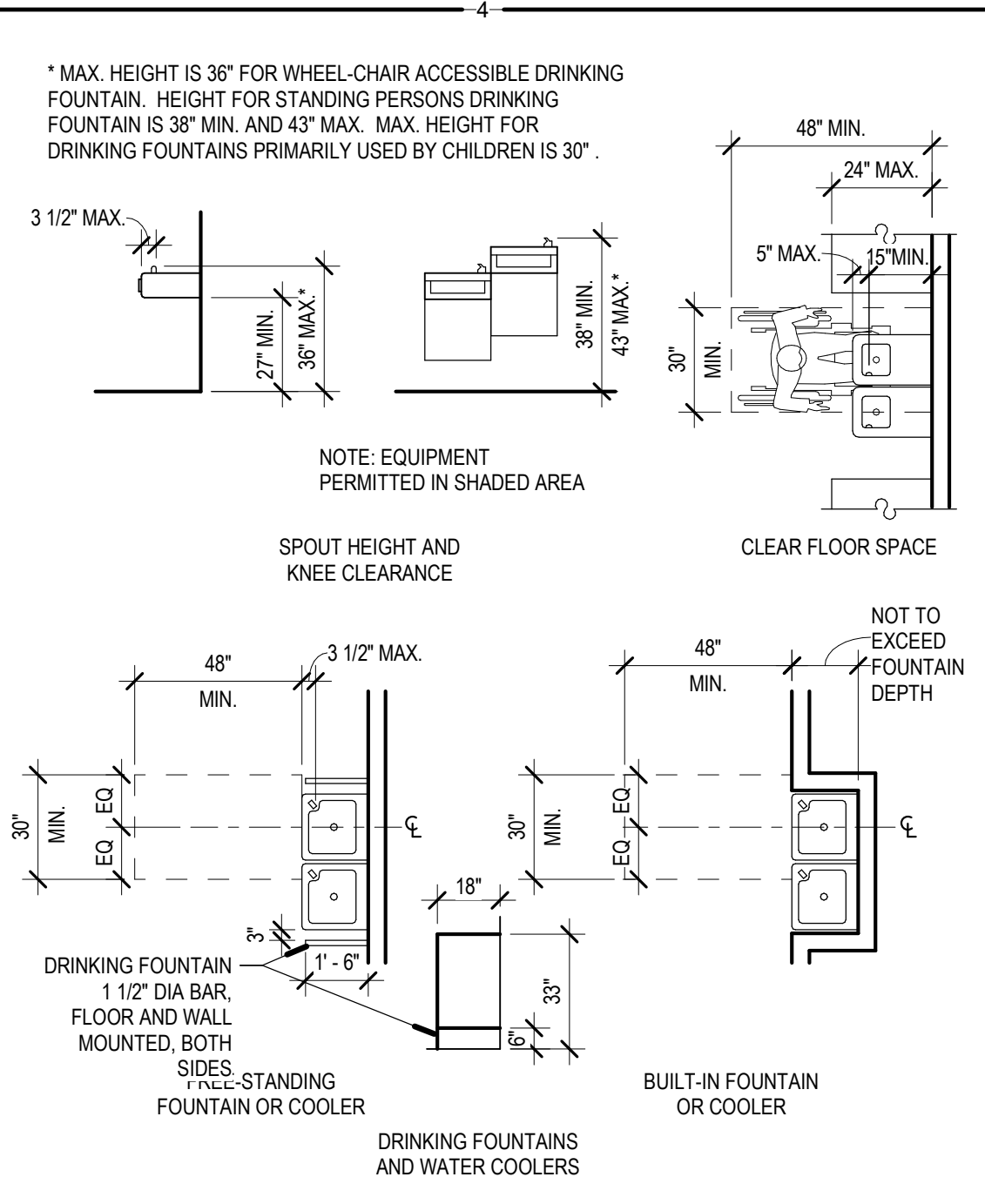
403. ACCESSIBLE ROUTES



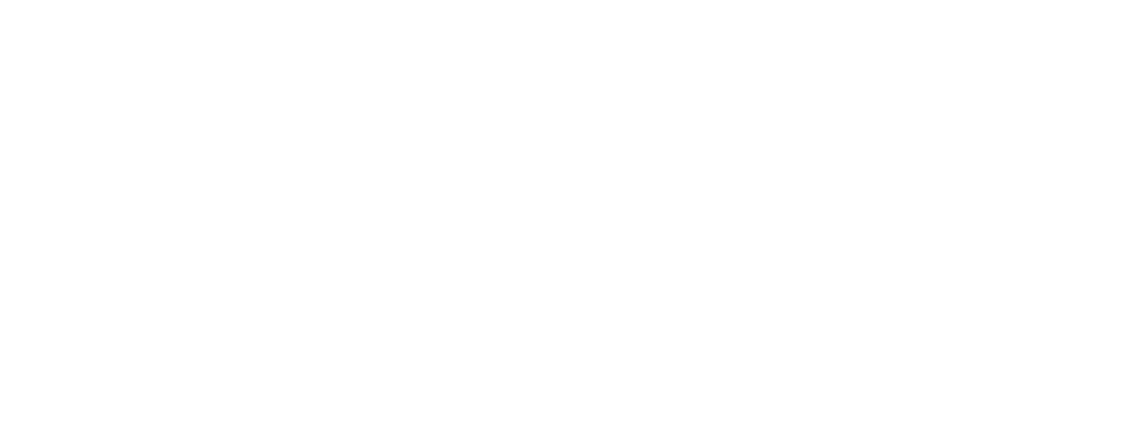
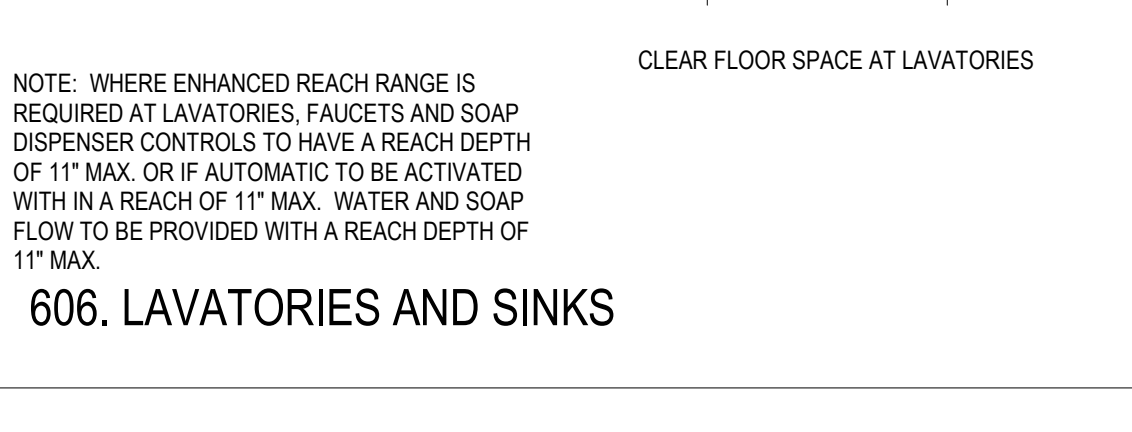
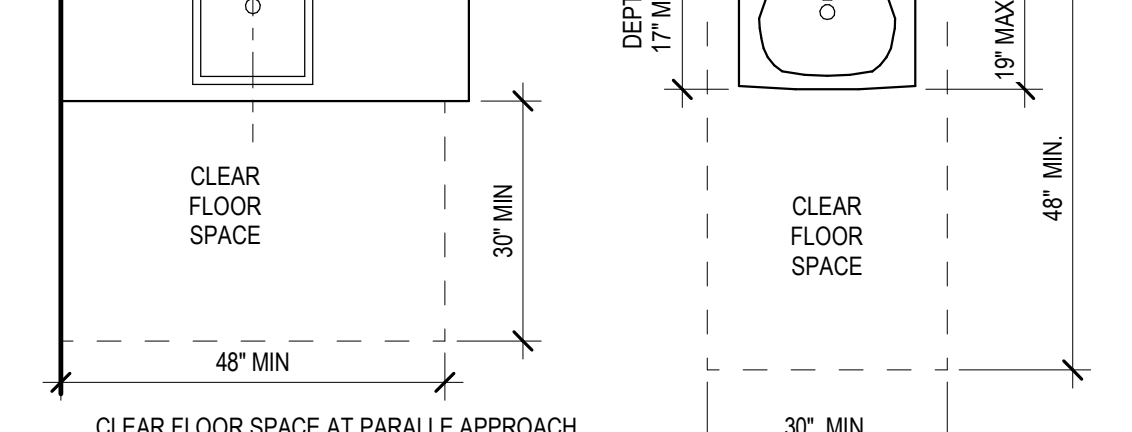
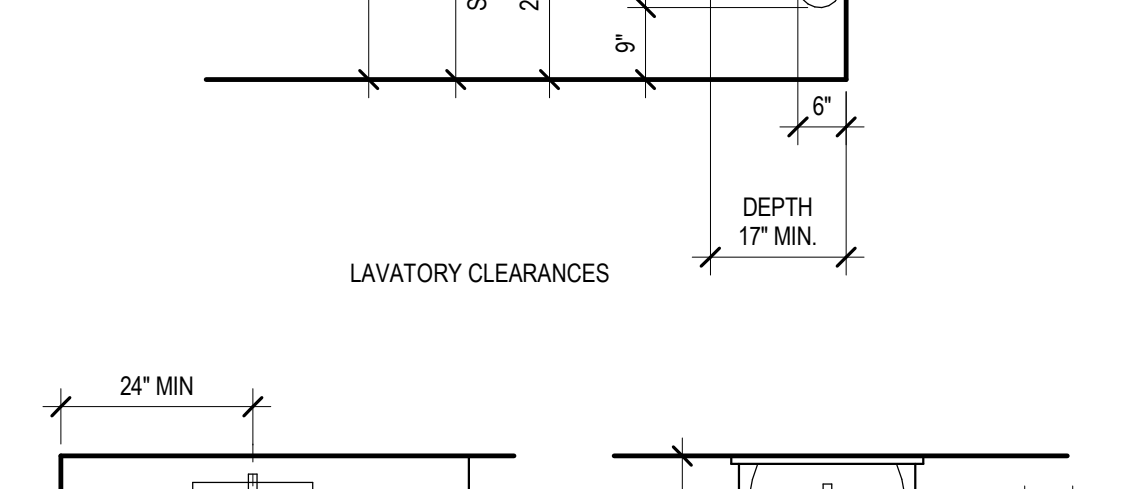
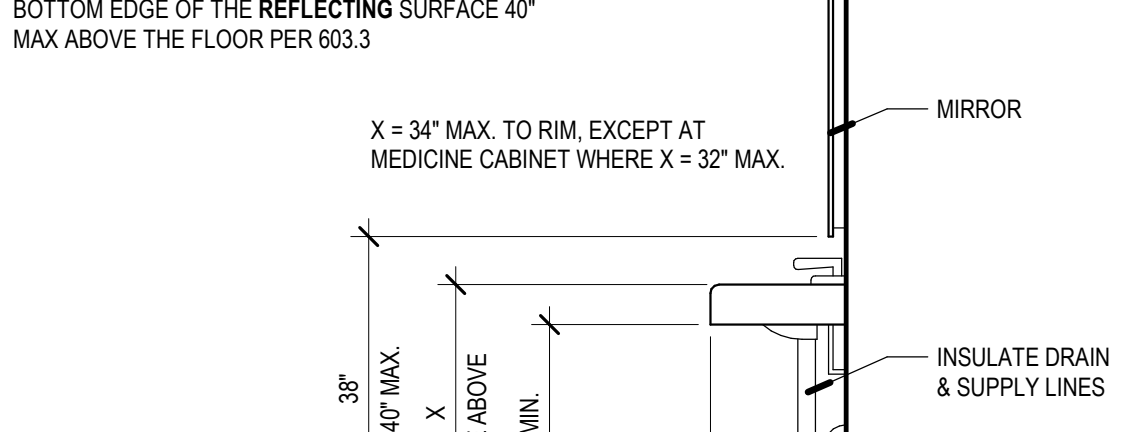
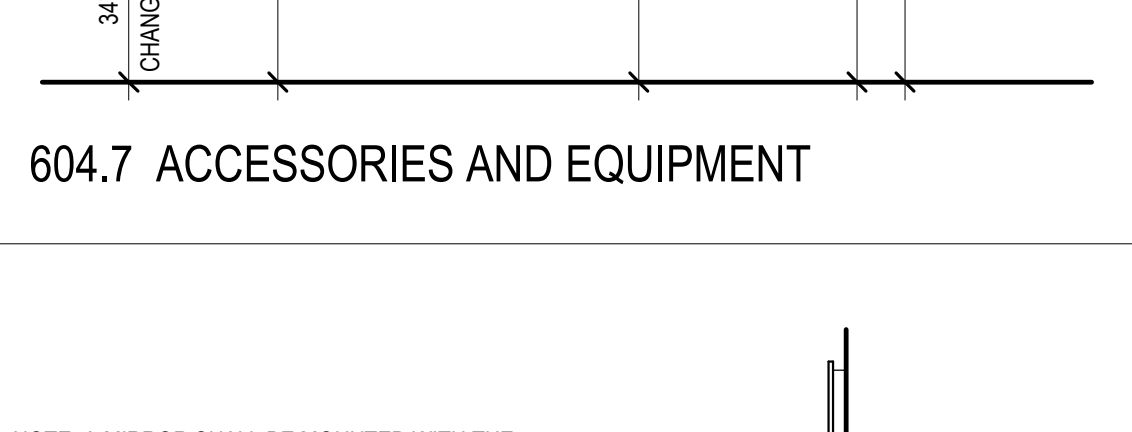
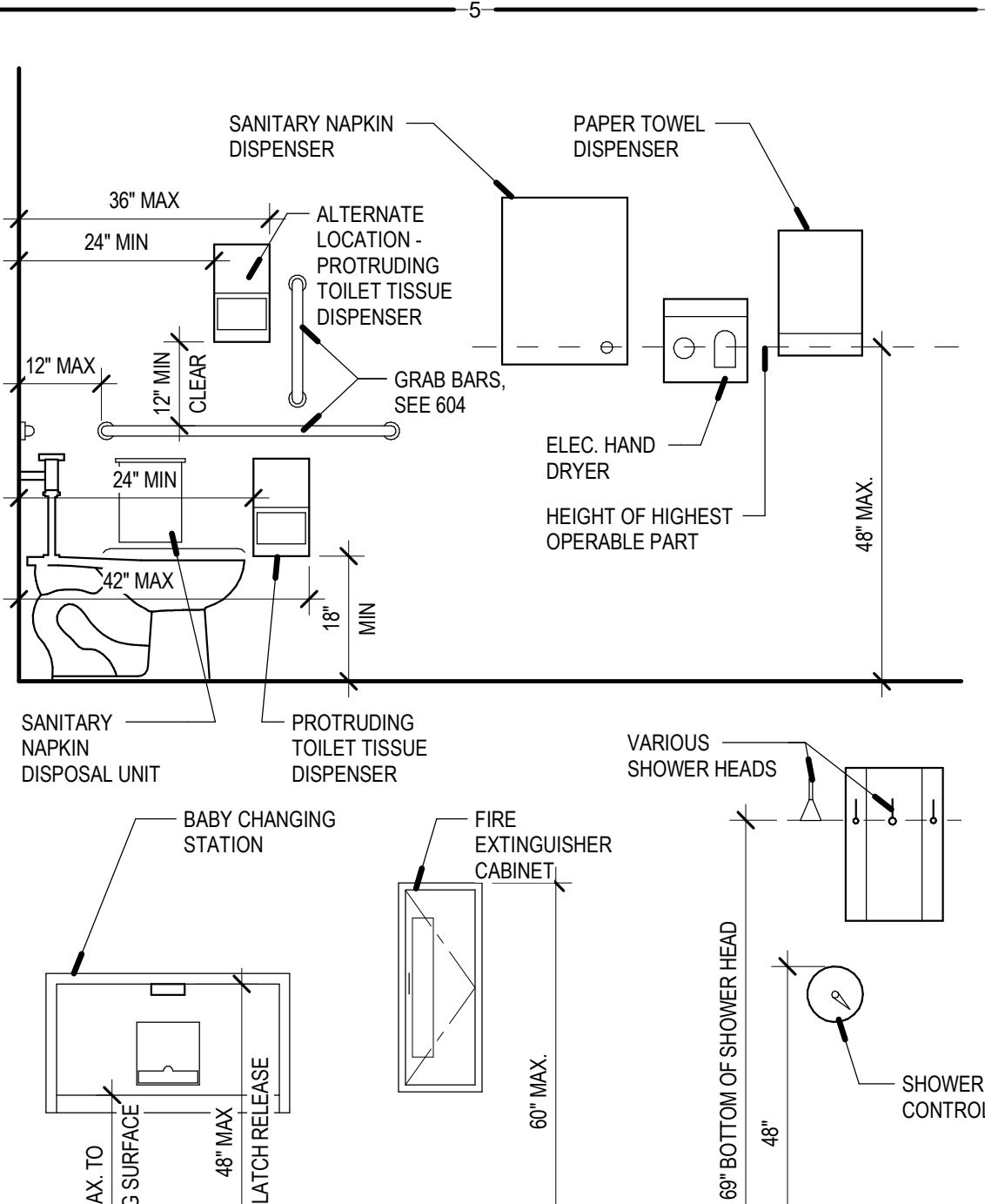
404. DOORS AND DOORWAYS



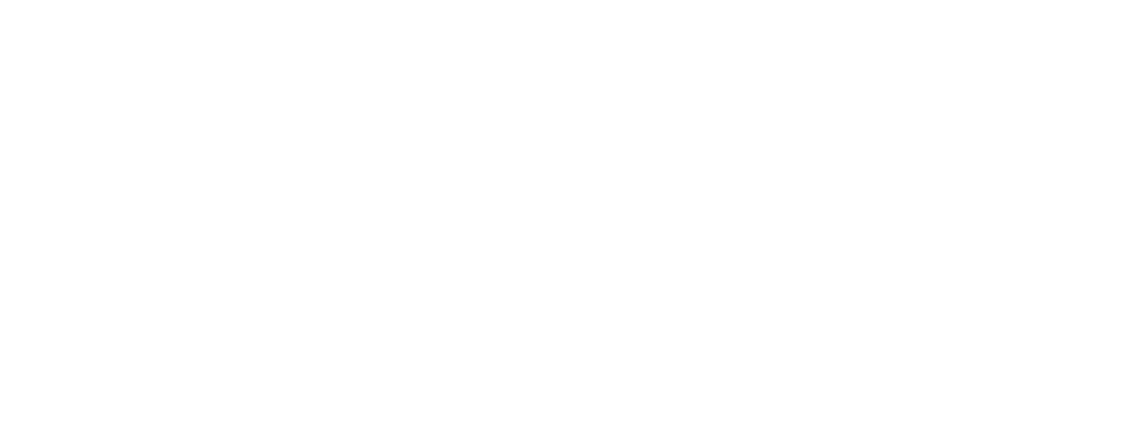
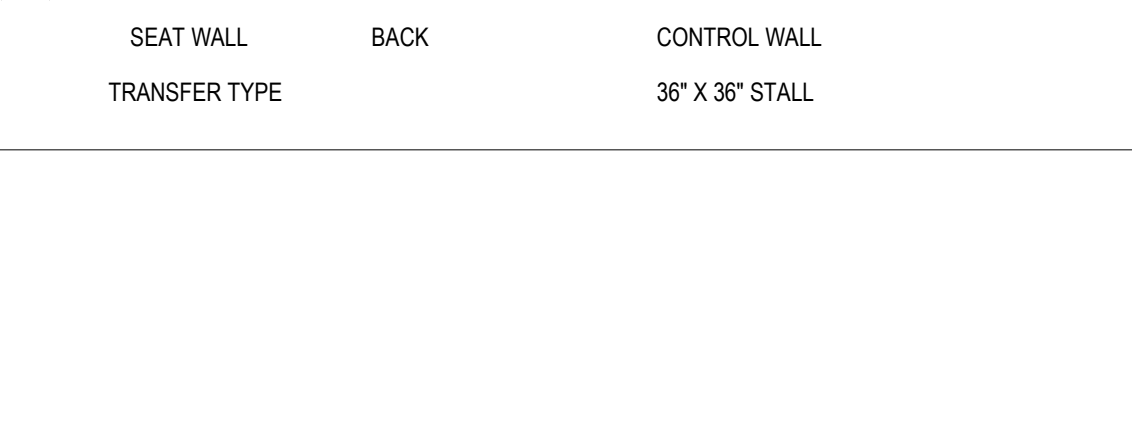
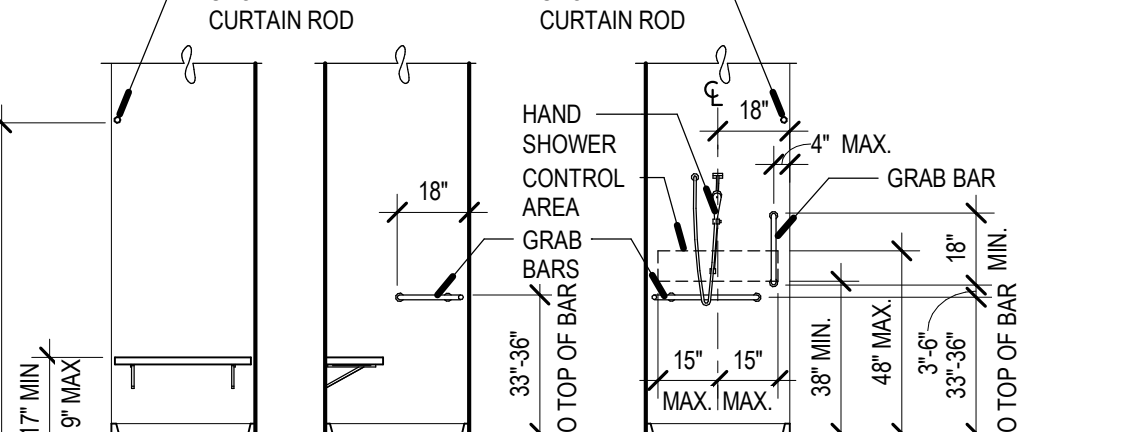
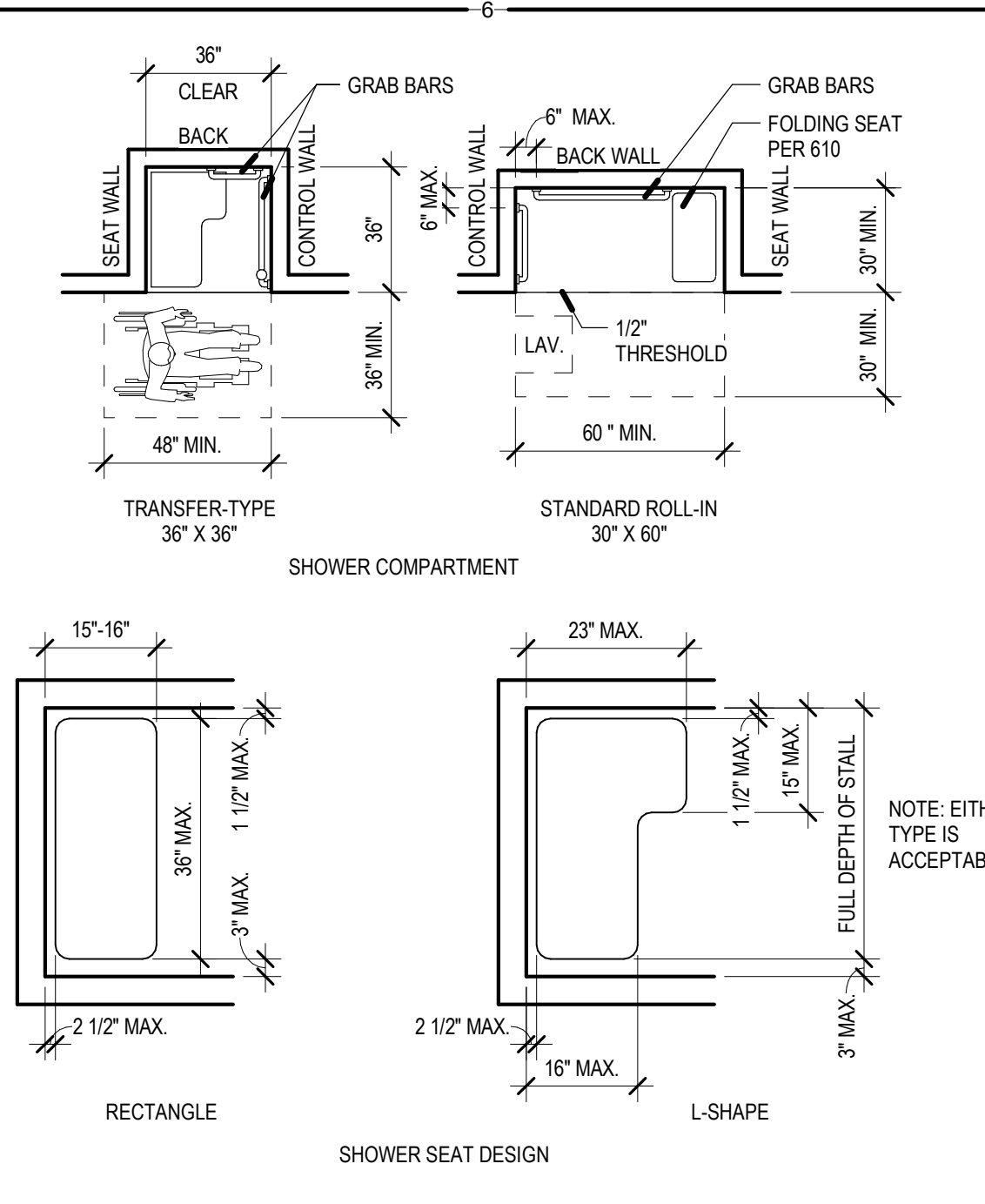
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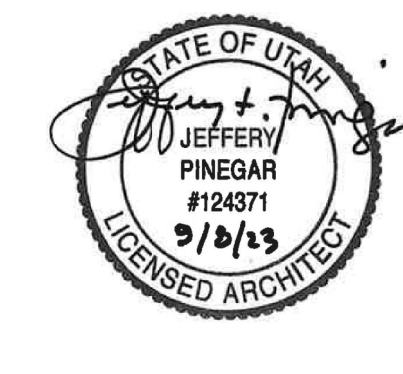
404. DOORS AND DOORWAYS



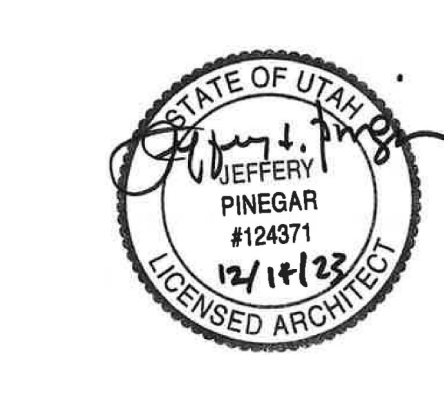
604.7 ACCESSORIES AND EQUIPMENT



606. LAVATORIES AND SINKS



REV	DATE	DESCRIPTION



REV	DATE	DESCRIPTION

KEYED NOTES

- 2-608.1 EXISTING CABINET, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-801.2 EXISTING DOOR AND FRAME, REMOVE DOOR ONLY & DISPOSE AS SHOWN
- 2-802.1 EXISTING HOLLOW METAL FRAME, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-901.2 EXISTING NON-STRUCTURAL METAL FRAMED WALL ASSEMBLY, REMOVE & DISPOSE AS SHOWN
- 2-912 EXISTING CEILING SYSTEM, PROTECT AS NECESSARY, REPAIR AS REQUIRED
- 2-912.1 EXISTING CEILING SYSTEM, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-912.3 EXISTING GYPSUM CEILING BOARD SYSTEM, PROTECT AS NECESSARY, REPAIR AS REQUIRED
- 2-912.4 EXISTING GYPSUM CEILING BOARD SYSTEM, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-1009.1 EXISTING GRAB BAR, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-2201.1 EXISTING SINK - FAUCET, REMOVE & DISPOSE IN ITS ENTIRETY
- 2-2202.1 EXISTING WATER CLOSET, REMOVE & DISPOSE IN ITS ENTIRETY

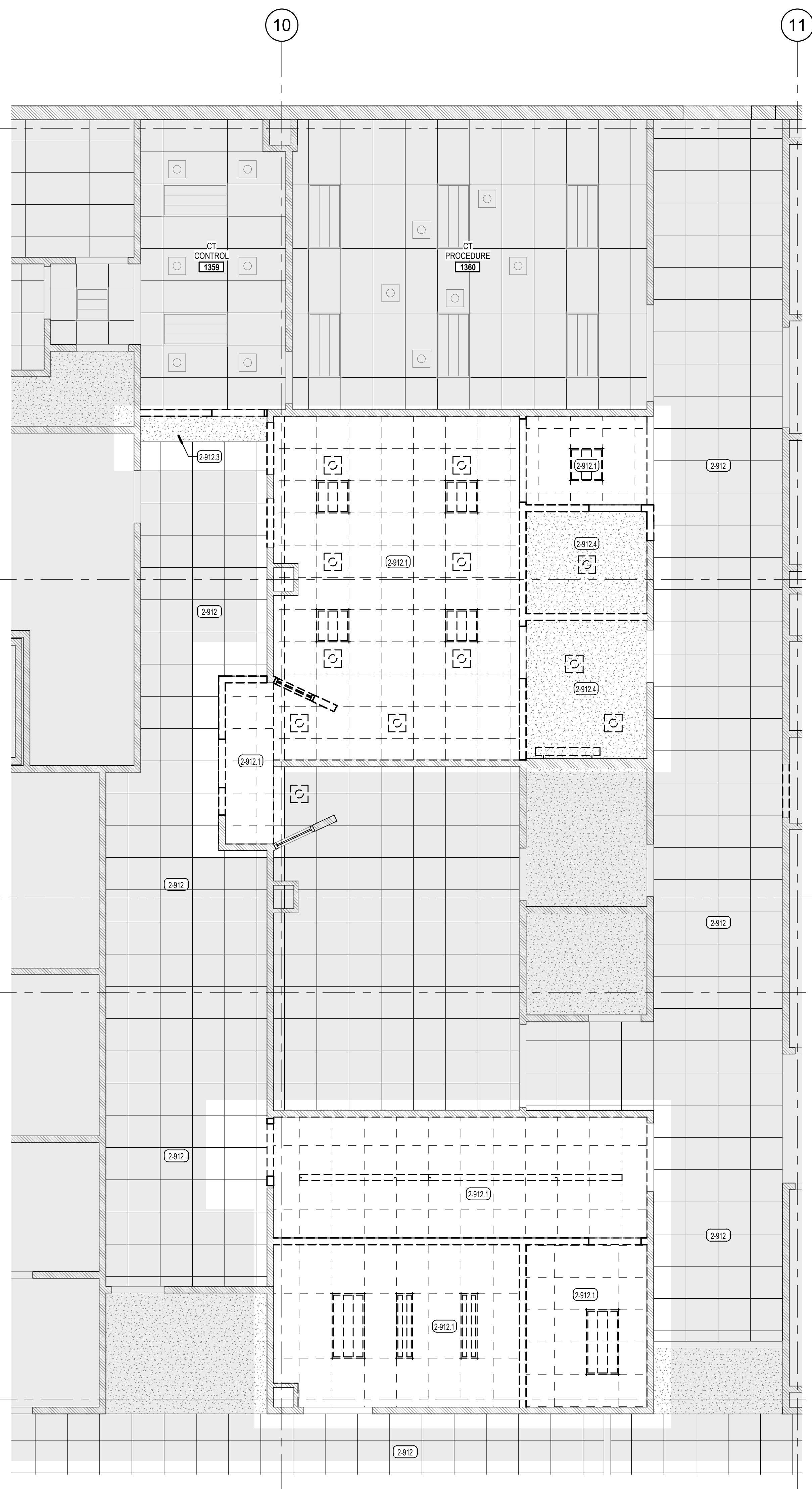
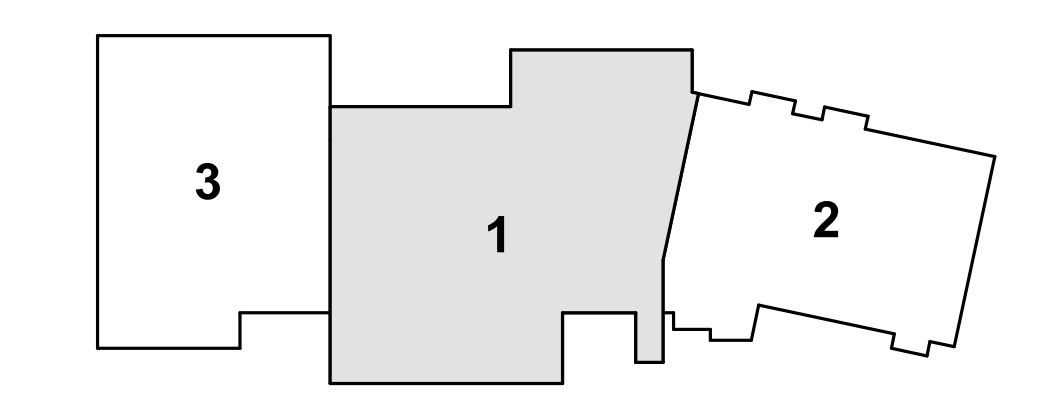
DEMOLITION LEGEND

- REMOVE & DISPOSE ELEMENT
- REMOVE & DISPOSE FLOORING AND CEILING IN THIS AREA (SEE DEMO PLANS)
- REMOVE & DISPOSE FLOORING (ONLY) IN THIS AREA (SEE DEMO PLANS)
- AREA NOT IN CONTRACT

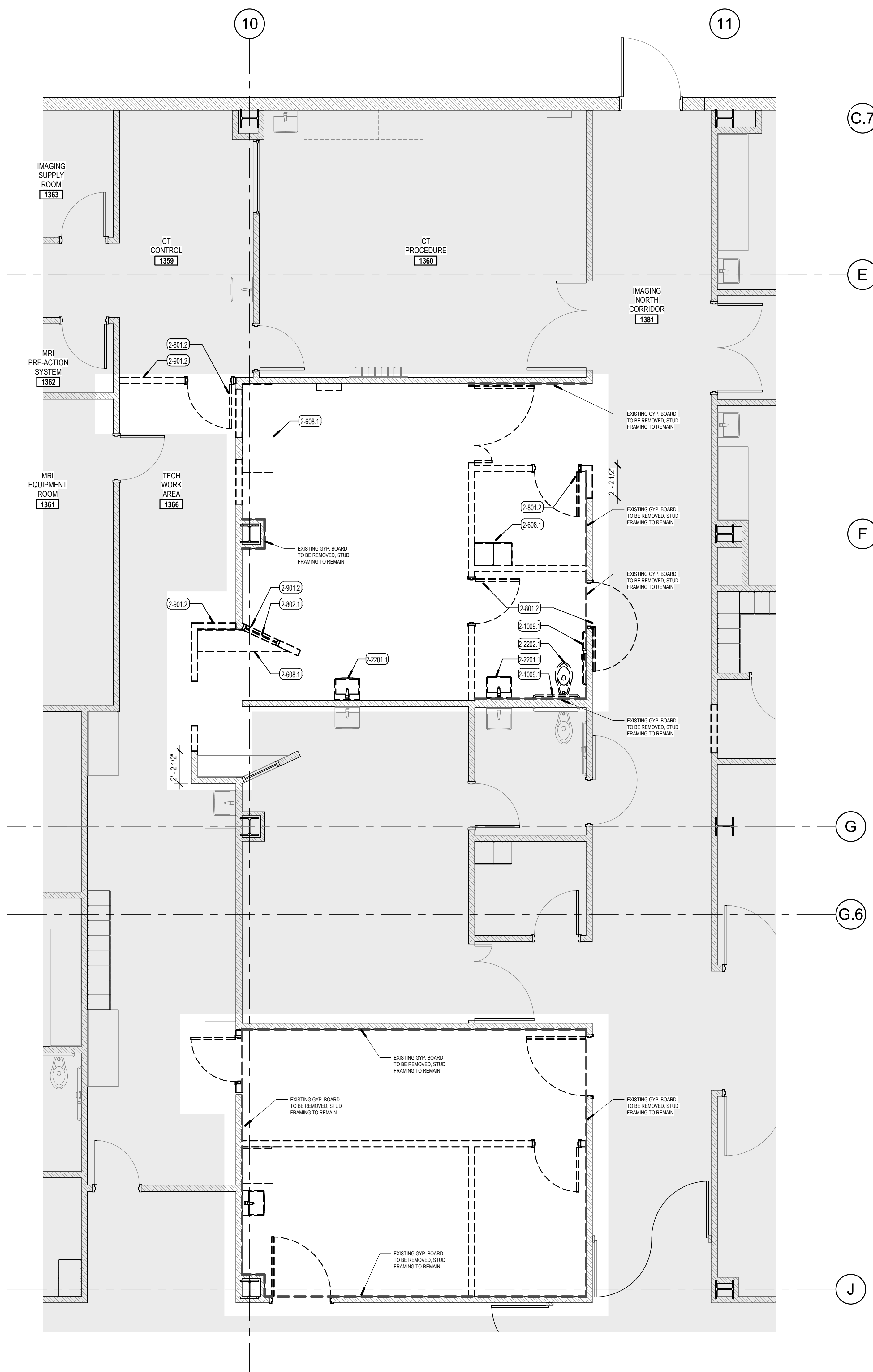
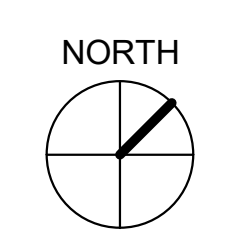
GENERAL DEMOLITION NOTES

1. FIELD VERIFY CONDITIONS PRIOR TO BIDDING. BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT'S ATTENTION PRIOR TO BIDDING.
2. A HAZARDOUS MATERIAL SURVEY IS AVAILABLE FROM THE OWNER. ABATEMENT MUST BE COMPLETED PRIOR TO DEMOLITION OF BUILDINGS OR BUILDING ELEMENTS.
3. COORDINATION WITH OWNER'S INFECTION CONTROL SPECIALIST AND AN APPROVED ICRA MANAGEMENT PLAN IS REQUIRED PRIOR TO START OF ANY DEMOLITION WORK.
4. PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES AS PER ICRA PLAN.
5. COORDINATE MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING WITH THE OWNER AND FIRE MARSHAL. PROVIDE NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.
6. BRING TO ARCHITECT'S ATTENTION EXISTING CONDITIONS THAT PRESENT ANY CODE VIOLATIONS, INCORRECT CONSTRUCTION OR SAFETY PROBLEMS.
7. MAINTAIN EXISTING FIRE RATINGS, ABOVE CEILING MARKING REQUIREMENTS AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS.
8. DO NOT DISTURB EXISTING FIRE RATED ELEMENTS INCLUDING FIREPROOFING ON BUILDING STRUCTURE. PATCH/REPAIR DAMAGED OR DISTURBED ITEMS.
9. PROTECT EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT SCHEDULED FOR DEMOLITION. RESTORE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION OR REPLACE AT CONTRACTOR'S EXPENSE.
10. REMOVE AND DISPOSE SELECTIVE DEMOLITION MATERIAL PER LOCAL REQUIREMENTS.
11. SALVAGE MATERIAL WHERE INDICATED. REMOVE ITEMS FROM CURRENT LOCATIONS & PREPARE FOR STORAGE BY THE OWNER.
12. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR REQUIRED ADDITIONAL DEMOLITION.
13. AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SURFACE SUITABLE FOR PAINTING OR WALL COVERING.
14. PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.
15. FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
16. REPLACE SLAB AND TRENCH BY COMPACTING CLEAN GRAVEL IN 8 INCH LIFTS DRILL #4 EPOXY-COATED REBAR INTO EXISTING SLAB @ 12 INCHES OC. POUR SLAB TO PROVIDE A SMOOTH EVEN FLOOR.
17. WHERE ELECTRICAL CIRCUIT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED, MAKE NECESSARY MODIFICATIONS TO MAINTAIN CIRCUIT INTEGRITY.
18. REMOVE ELECTRICAL BOXES BEHIND RELOCATED MILLWORK AND CAP AS REQUIRED.
19. CAP EXISTING DUCT WORK FOR DUST CONTROL.
20. CONTRACTOR IS TO COORDINATE ALL DEMOLITION AND CONSTRUCTION ACTIVITIES WITH THE ONGOING OPERATIONS OF AN ACTIVE AND ONGOING CLINIC. AFTER HOURS OR WEEKEND WORK SHALL BE EMPLOYED TO AVOID ADVERSE IMPACTS TO TENANT EMPLOYEES. CONTRACTOR TO SCHEDULE WORK AND COORDINATE ANY UTILITY SHUT OFFS OR INTERRUPTIONS WITH BUILDING OWNER 2 WEEKS PRIOR TO OCCURRENCE.
21. SAWCUT EXISTING SLAB AS REQUIRED FOR NEW PLUMBING AND ELECTRICAL. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS FOR EXACT LOCATION.

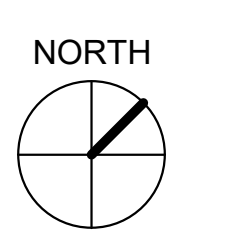
KEY PLAN

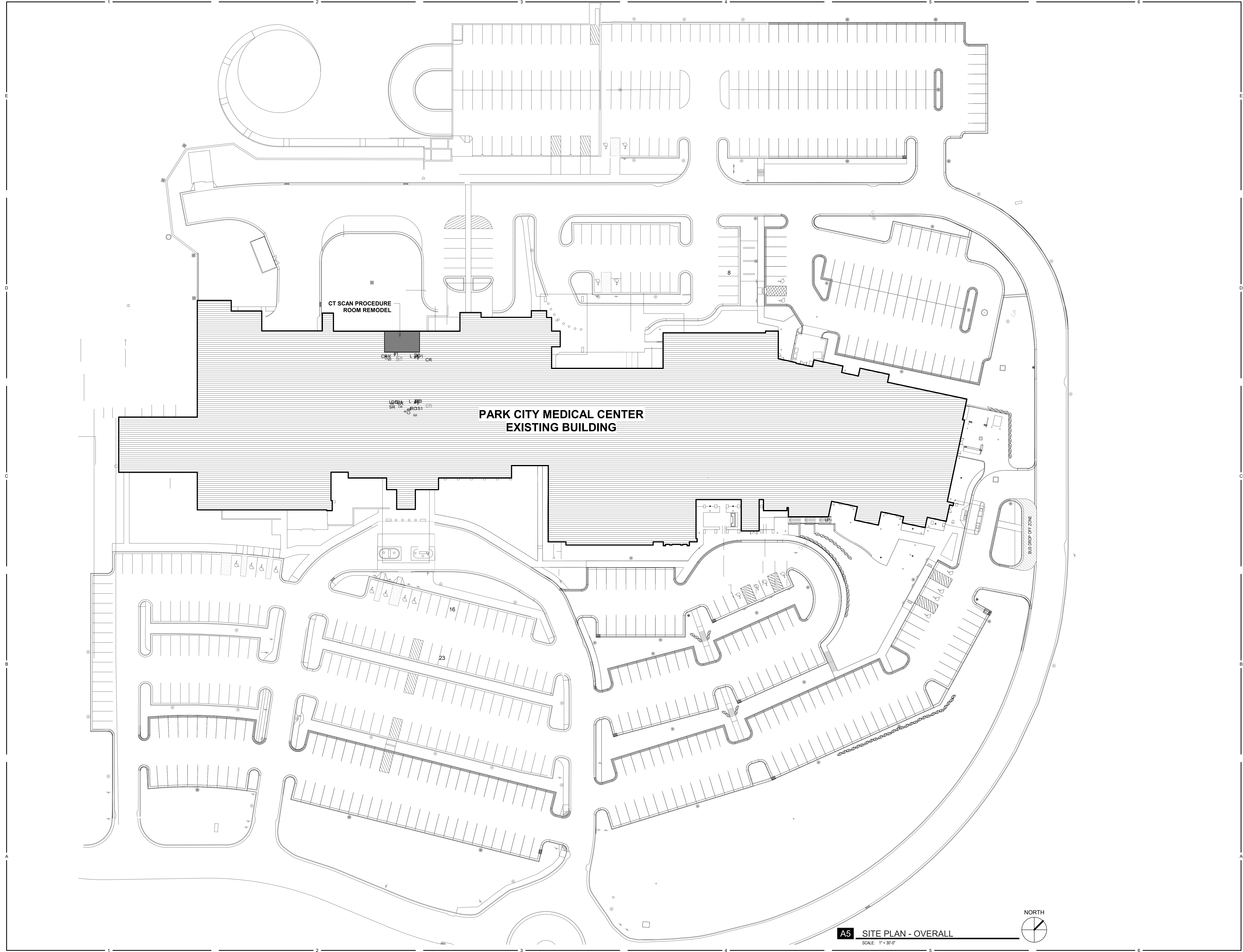


A3 CT PROCEDURE - DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



C3 CT PROCEDURE - DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

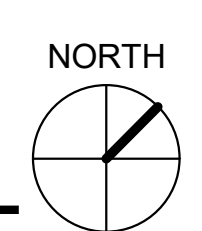




PARK CITY MEDICAL CENTER
EXISTING BUILDING

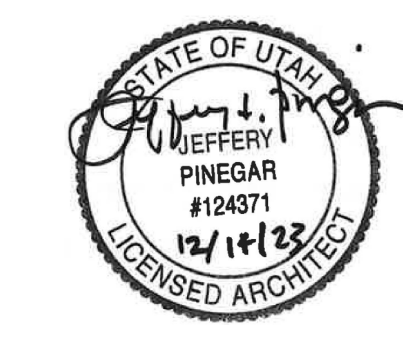
CT SCAN PROCEDURE
ROOM REMODEL

A5 SITE PLAN - OVERALL
SCALE: 1" = 30'-0"



VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070
VCBO.COM
VCBO NUMBER: 22545
CLIENT NUMBER:
DATE: 12-08-2023

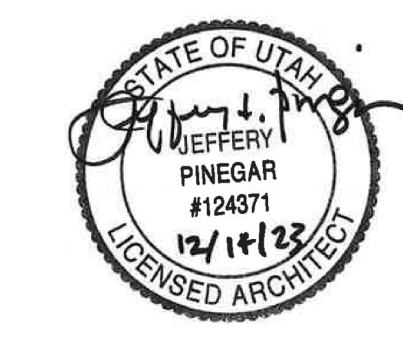


REV	DATE	DESCRIPTION

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CT / FLUOROSCOPY REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS

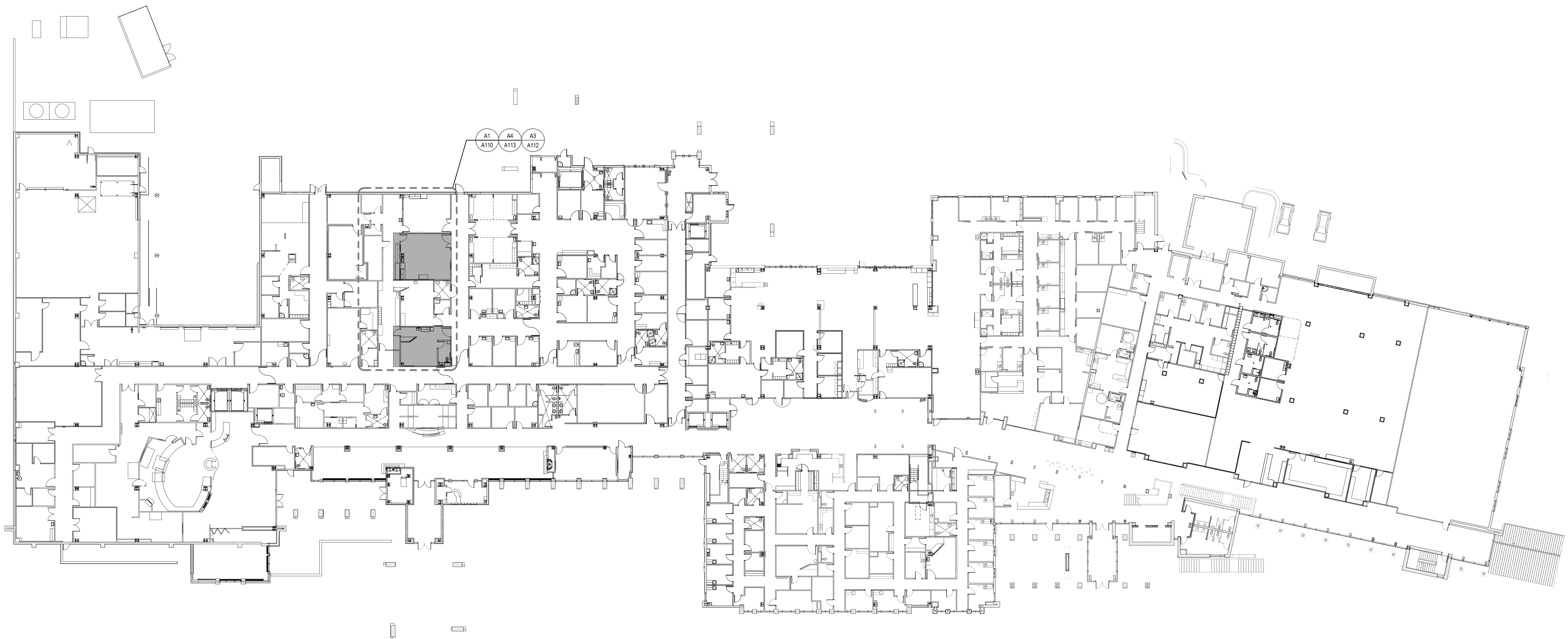
OVERALL SITE PLAN

AS101
12/14/2023 11:41:15 AM

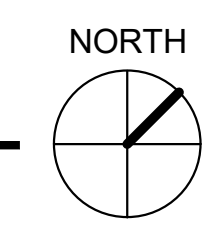


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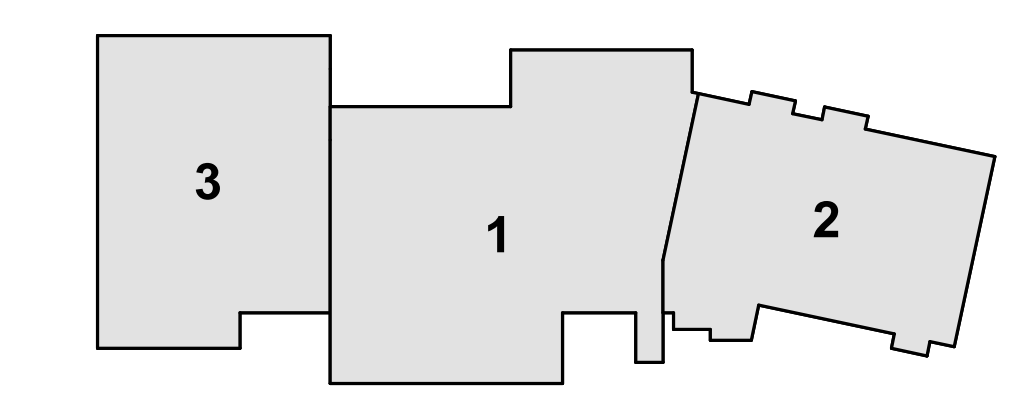
**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS

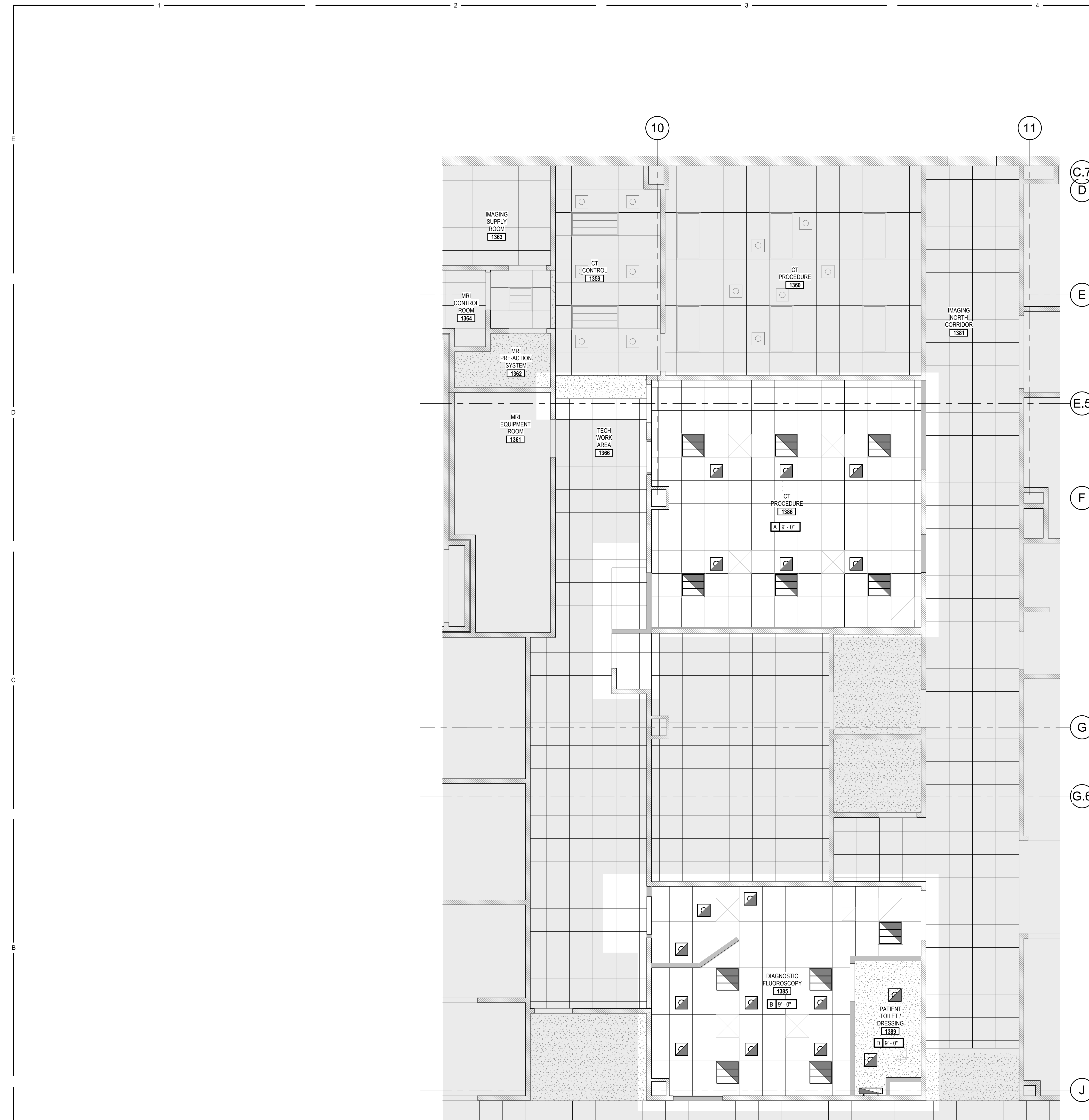


A3 FIRST FLOOR - OVERALL PLAN
SCALE: 3/8" = 1'-0"



KEY PLAN





C3 CT PROCEDURE - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- B- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
- C- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- D- OPEN TO STRUCTURE ABOVE, PAINTED
- E- SUSPENDED 2' X 4' SOIL RESISTANT / WASHABLE ACOUSTICAL LAY-IN TILE CEILING
- F- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM W/ 1/32" LEAD

CEILING SYMBOLS

ELECTRICAL

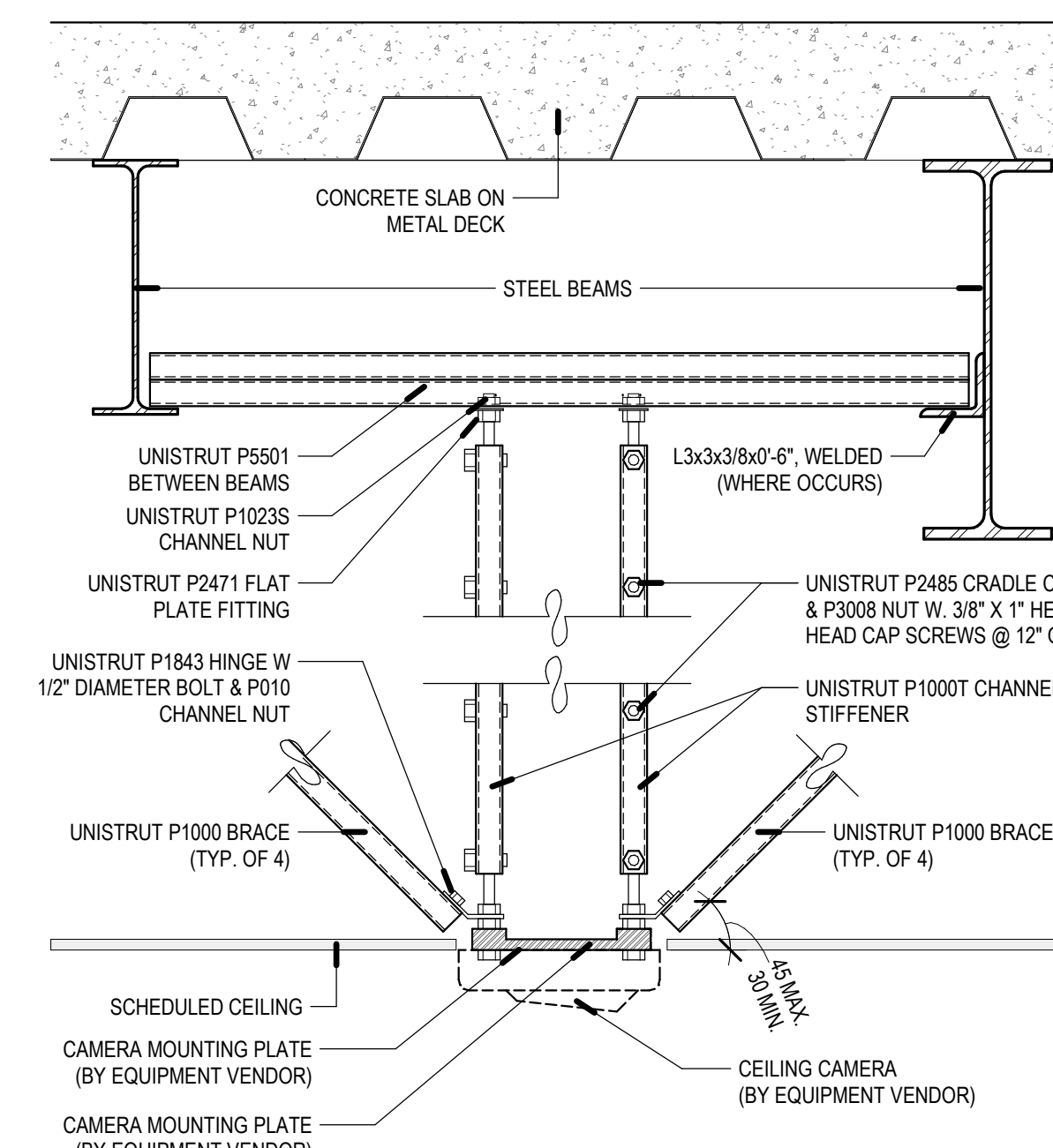
- 2'X4' LED FIXTURE
- 2'X2' LED FIXTURE
- LED LINEAR FIXTURE
- RECESSED CAN LIGHT
- WALL WASH
- ⊗ EXIT SIGN, SINGLE-SIDED
- ⊕ EXIT SIGN, DOUBLE-SIDED
- ⊕ FIRE ALARM
- ⊕ SPEAKER
- ⊕ SMOKE DETECTOR

MECHANICAL

- ⊗ SUPPLY GRILLE
- ⊗ RETURN GRILLE
- ⊗ EXHAUST GRILLE
- LINEAR DIFFUSER
- ⊕ SPRINKLER HEAD - CEILING MOUNT
- ⊕ SPRINKLER HEAD - WALL MOUNT
- ⊕ ACCESS PANEL

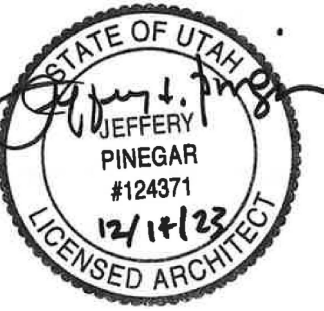
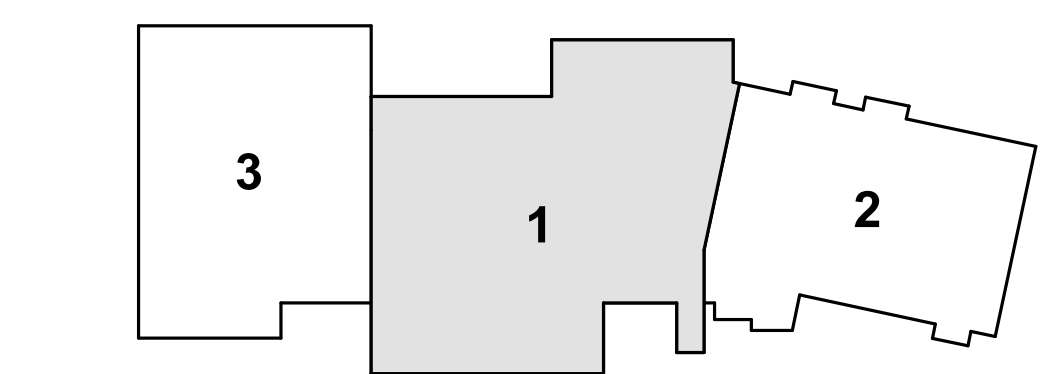
GENERAL CEILING NOTES

1. GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE
2. PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC.
3. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
5. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
6. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
7. ALL GYPSUM BOARD TYPE C CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED
8. SEE SHEET A540 FOR TYPICAL CEILING DETAILS



A5 CEILING CAMERA SUPPORT DETAIL (CT SCAN)
SCALE: 1 1/2" = 1'-0"

KEY PLAN

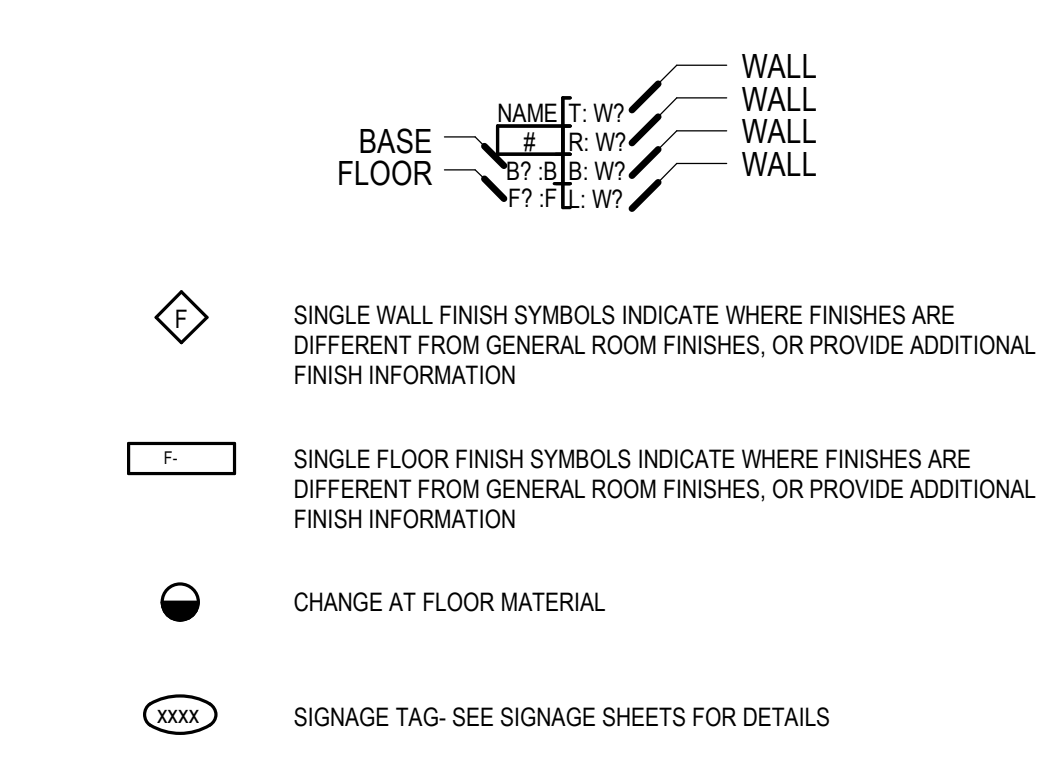


REV	DATE	DESCRIPTION

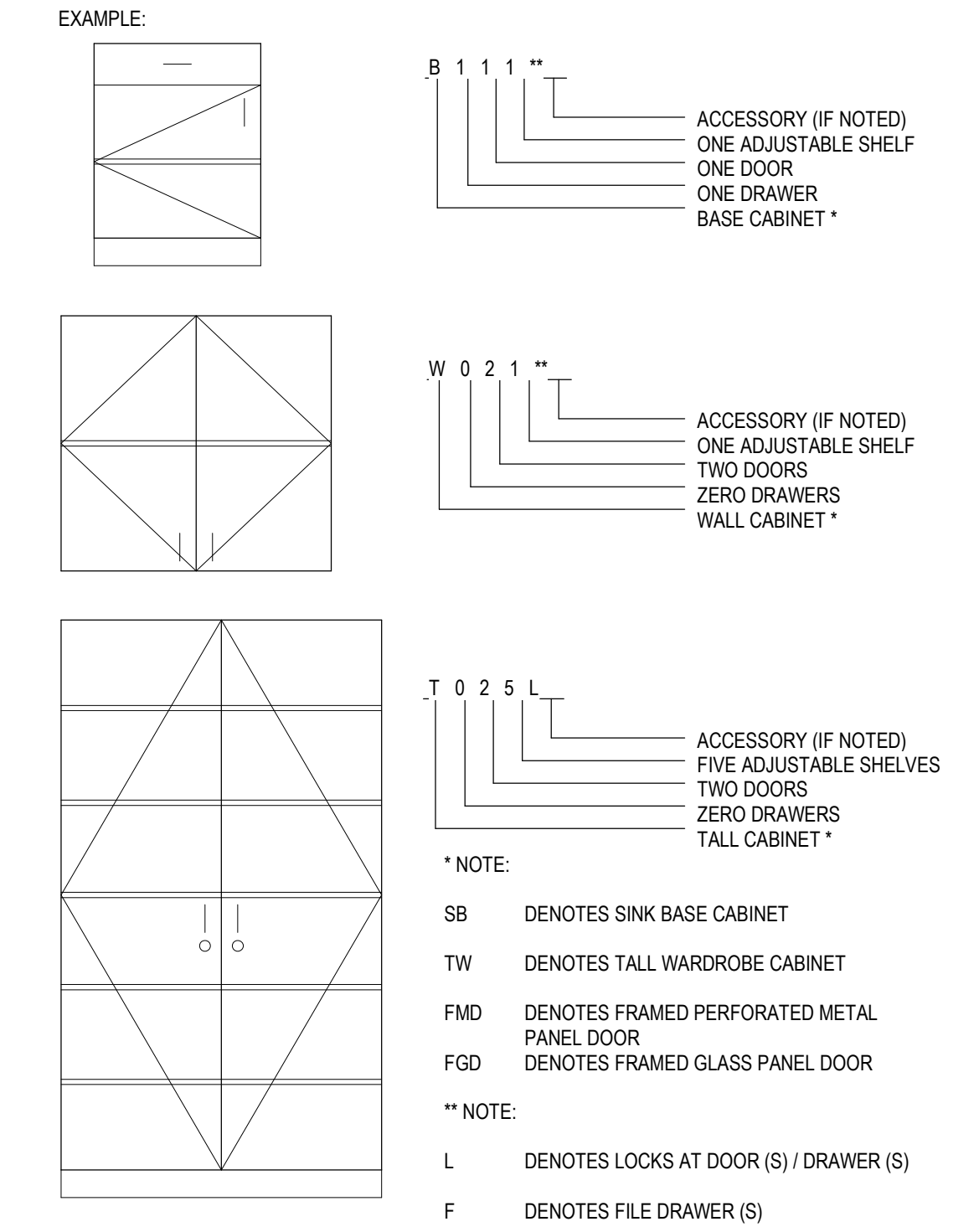


REV	DATE	DESCRIPTION

FINISH PLAN SYMBOLS



ARCHITECTURAL MILLWORK KEY



CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

MILLWORK LEGEND

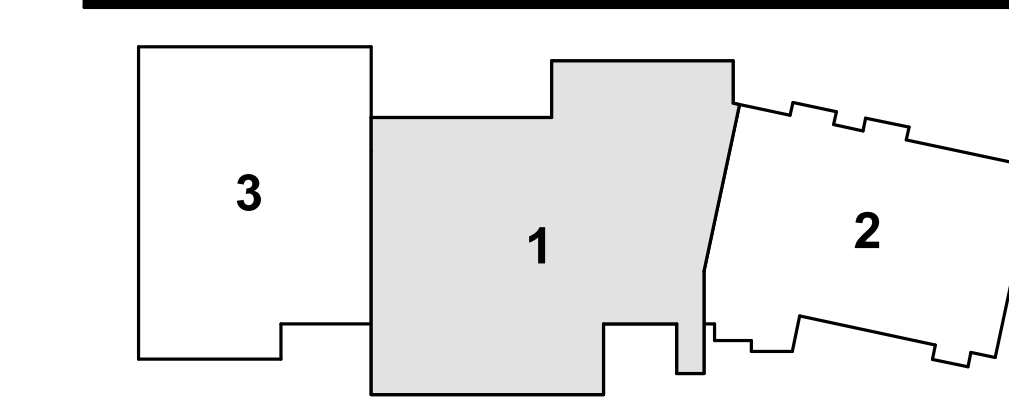
- MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP. TYP. CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- PROVIDE BASE AT ALL CABINET TOE SPACE. UNLESS NOTED OTHERWISE.
- PROVIDE GROMMET AT ALL COMPUTER AND PRINTER LOCATIONS, PER EQUIPMENT PLANS. FINAL LOCATION TO BE VERIFIED BY OWNER.
- ALL COUNTERTOPS TO HAVE A 4" BACKSPASH, UNLESS NOTED OTHERWISE. TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- ALL COUNTERTOPS TO HAVE A 180 DEGREE BULLNOSE EDGE. UNLESS NOTED OTHERWISE.
- PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALLS).
- ALL EXPOSED MILLWORK FACES TO FINISH, INCLUDING ON ENDS AND IN OPEN AREAS. TYP.
- ALL SINK BASES AND FILE DRAWERS TO BE PROVIDED WITH A LOCK.
- CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC.
- REFER TO ENLARGED PLANS AND ELEVATIONS (A400'S), FINISH PLANS AND SHEET A800 FOR FINISH COLORS ON ALL MILLWORK AND COUNTERS.

TYPICAL MILLWORK DETAILS

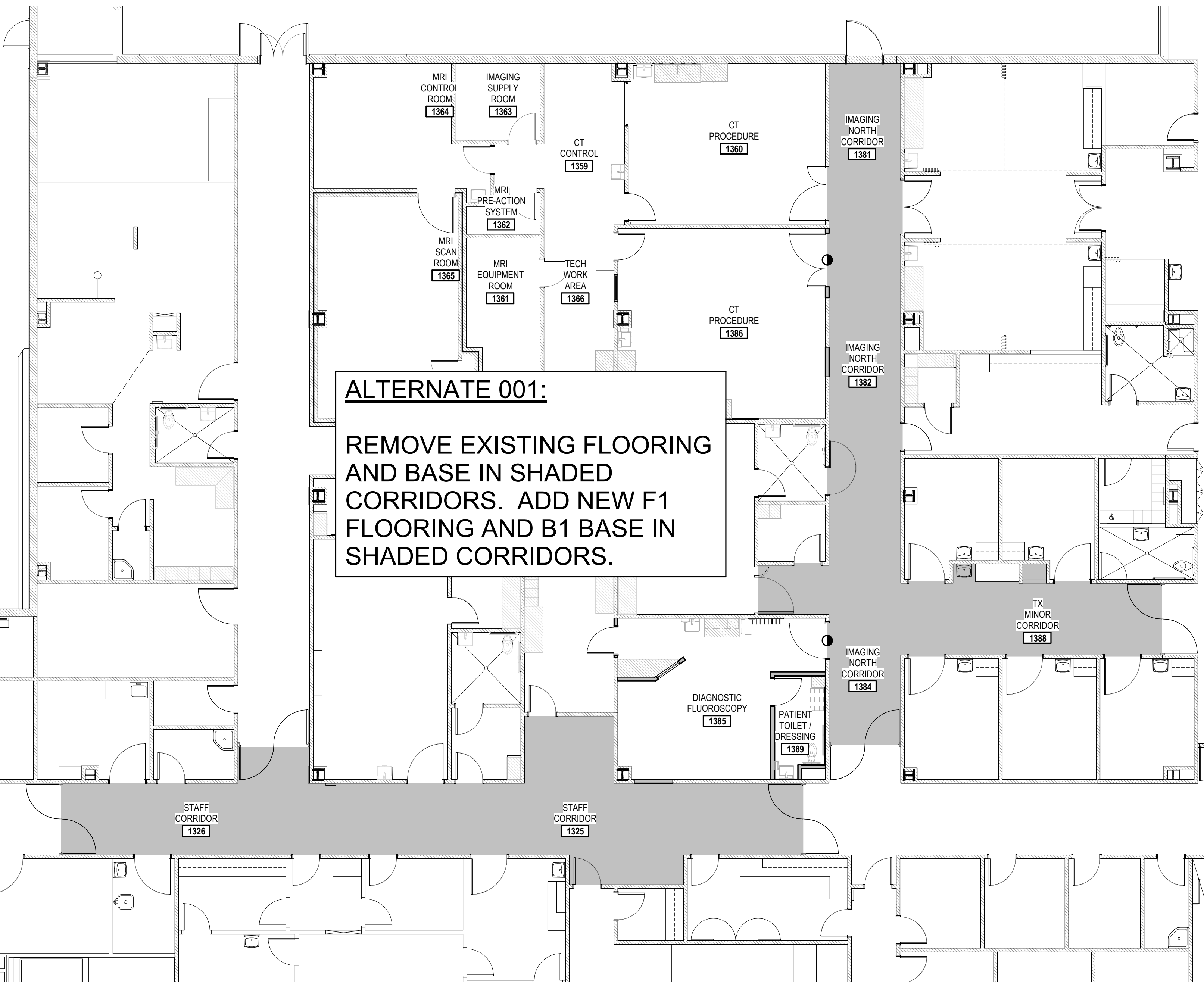
- TYPICAL MILLWORK ANCHORING DETAILS, PER DETAIL C6/A570
- TYPICAL PLAN VIEW BASE CABINETS, PER DETAILS A6 & B6/A570
- TYPICAL PLAN VIEW BASE END PANEL, PER DETAIL D6/A570
- PROVIDE TYPICAL TOE KICK AND BASE FRAMING PER DETAIL E6/A570
- PROVIDE TYPICAL PLASTIC LAMINATE CABINET DETAILS ON SHEET A570 AS NOTED ON THE INTERIOR ELEVATION SHEETS (A400'S)
- TYPICAL ADJUSTABLE HEIGHT SHELVES PER DETAIL D5/A570
- TYPICAL SOLID SURFACE COUNTERTOP WORK SURFACE, PER DETAIL D6/A571
- TYPICAL SOLID SURFACE CABINET WITH PASS THRU RING & FULL DOOR(S), PER DETAIL C3/A571
- TYPICAL SOLID SURFACE CABINET WITH FULL DOOR(S), PER DETAIL C4/A571
- TYPICAL SOLID SURFACE BASE CABINET WITH FILE DRAWERS, PER DETAIL B6/A571
- SOLID SURFACE BASE CABINET WITH DRAWER(S), PER DETAIL B5/A571, B3/A571
- TYPICAL SOLID SURFACE SINK BASE CABINET WITH LOCK & DOOR(S), PER DETAIL A5/A571
- TYPICAL SOLID SURFACE BASE CABINET WITH DOOR(S) AND DRAWER, PER DETAIL A6/A571.

KEYED NOTES

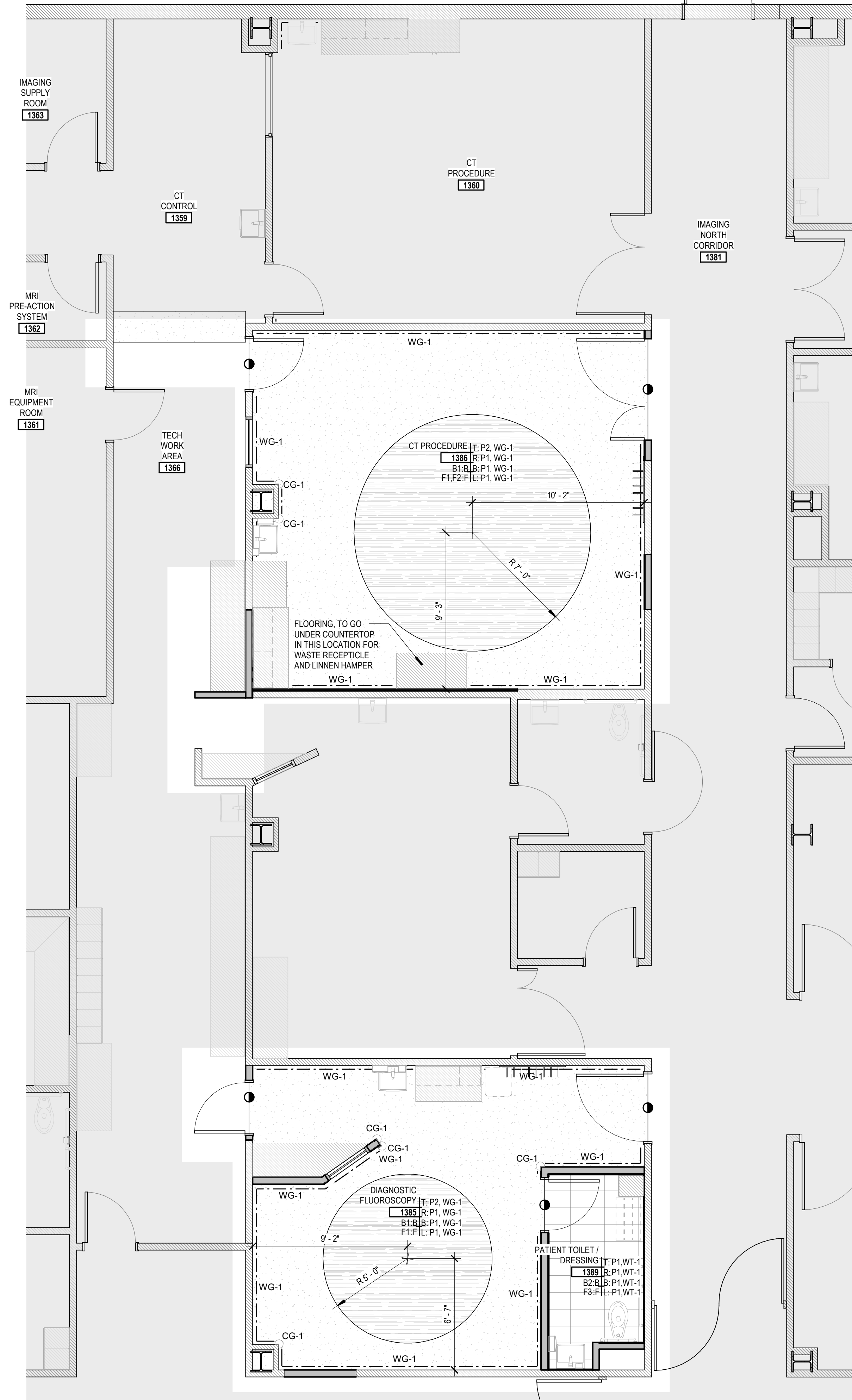
KEY PLAN



KEY - FINISH					
Key Name	Finish - Description	Finish - Manufacturer	Finish - Name	Finish - Color	Finish - Comments
FLOOR					
F1	HOMOGENOUS SHEET - FIELD	MANNINGTON COMMERCIAL	BIOSPEC MD	FLAX 15361	
F2	HOMOGENOUS SHEET - ACCENT	MANNINGTON COMMERCIAL	BIOSPEC MD	BEDROCK 15369	
F3	FLOOR TILE - RESTROOMS	CROSSVILLE STUDIOS	NOTORIOUS	NTR01 FEMME FATAL	12"X24"
BASE					
B1	INTEGRAL BASE	MATCH FLOORING SPECIFIED	MATCH FLOORING SPECIFIED	MATCH FLOORING SPECIFIED	4" INTEGRAL BASE W/ METAL CAP. INCLUDE COVE STICK. REFER TO TYPICAL BASE DETAILS
B2	BASE - RESTROOMS	SCHLUTER	DILEX-AHK	CLEAR ANODIZED ALUMINUM	PROVIDE END CAPS WHERE NEEDED. MITER ALL INSIDE AND OUTSIDE CORNERS
PAINT					
P1	PAINT - GENERAL	SHERWIN WILLIAMS		SW7043 WORLDLY GRAY	
P2	PAINT - ACCENT	SHERWIN WILLIAMS		SW6227 MEDITATIVE	
P3	PAINT - DOOR FRAME	SHERWIN WILLIAMS		MATCH EXISTING	
SURFACE					
S1	PLASTIC LAMINATE	WILSONART	STANDARD HPL	PHANTOM COCOA 8213	28 GLOSS LINE TEXTURE. GENERAL VERTICAL SURFACES U.N.O.
S2	SOLID SURFACE	HI-MACS	LUNAR SAND		
MISCELLANEOUS					
CG-1	CORNER GUARD 90 DEGREE	INPRO	CG-16R BIOBLEND RETAINER HIGH IMPACT	0103 WHITE SAND	4"-7H, 2" WING, SURFACE MOUNTED PVC FREE
CL-1	CEILING TILE - GENERAL	USG CEILINGS	RADAR BASIC ILLUSION TWO24	WHITE	2'-0"X4'-0"
WG-1	SHEET WALL PROTECTION	INPRO	PALLADIUM RIGID SHEET, G2 405	0103 WHITE SAND	1/40" THICK, ALUMINUM TRIM TOP CAP
WT-1	WALL TILE - RESTROOMS	CROSSVILLE STUDIOS	NOTORIOUS	NTR01 FEMME FATAL	12"X24", HORIZONTAL STACK UP TO 6'-0"H. PAINT ABOVE. CAP WITH SCHLUTER JOLLY TRIM IN CLEAR ANODIZED ALUMINUM



A1 IMAGING - FINISH PLAN - ALTERNATE 001
SCALE: 1/8" = 1'-0"



A3 IMAGING - FINISH PLAN
SCALE: 1/4" = 1'-0"

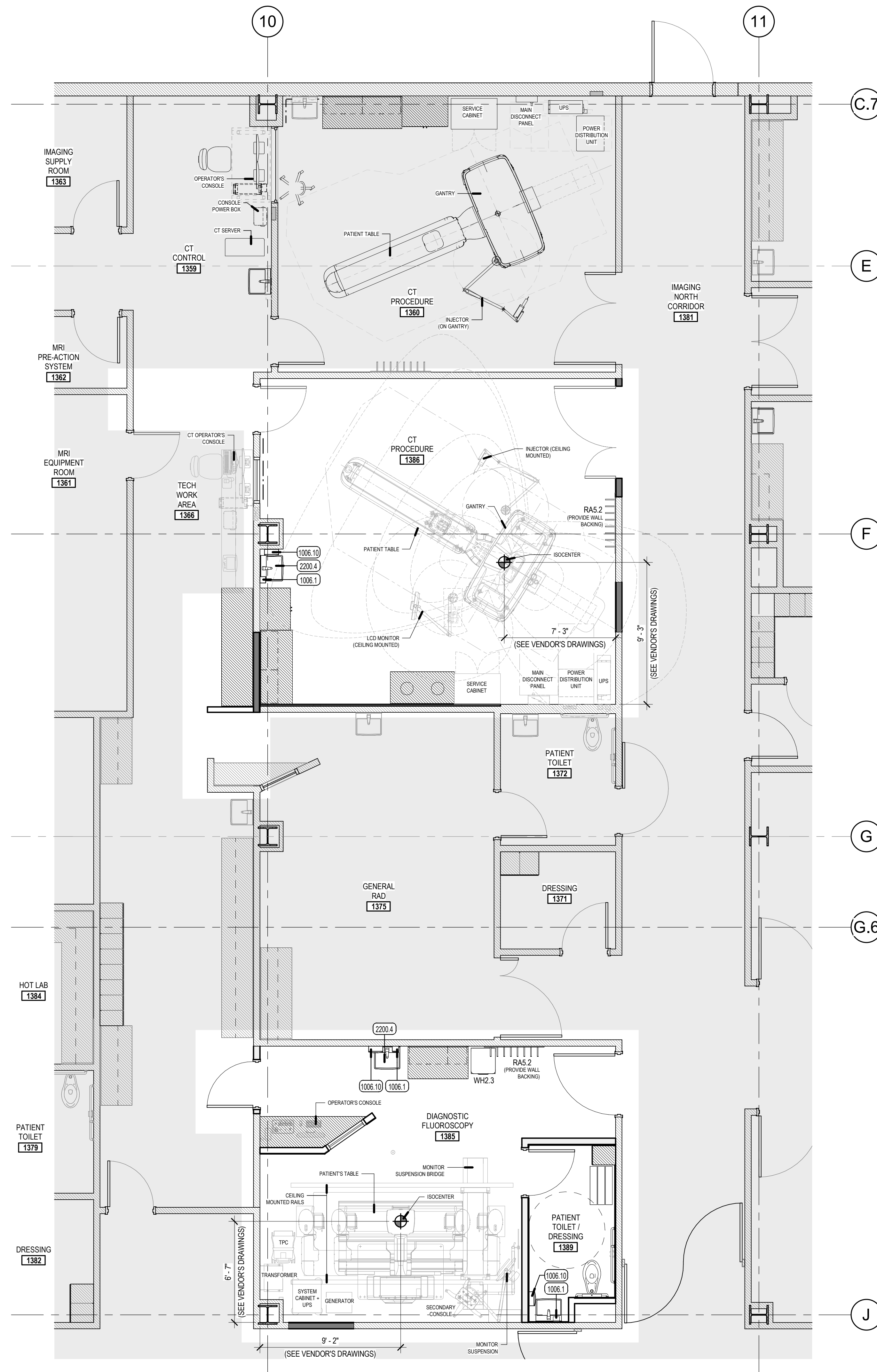


REV	DATE	DESCRIPTION
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PLAN NOTES

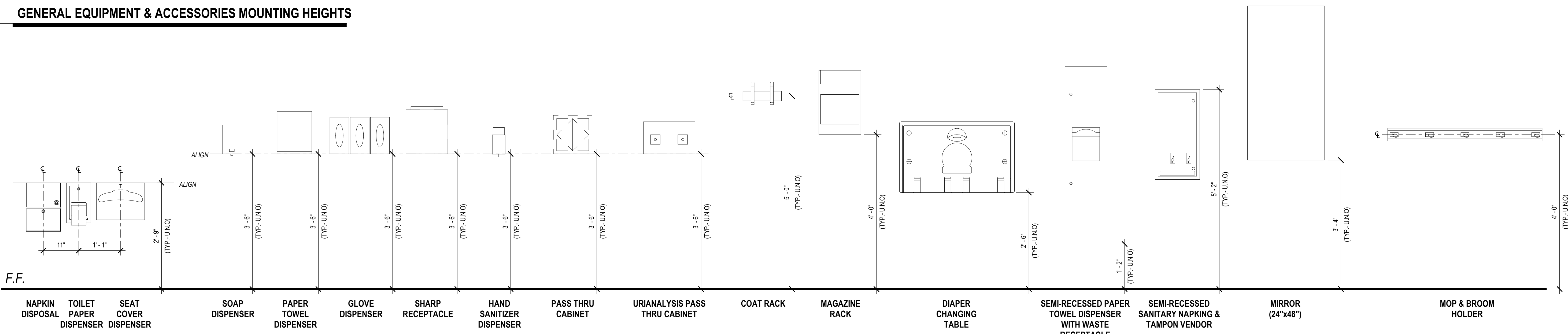
- IT IS BEYOND THE SCOPE OF THIS DRAWING TO SHOW ALL DETAIL AND ASPECTS OF EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS AND DETERMINE THE EXACT AMOUNT OF DEMOLITION NECESSARY FOR IMPLEMENTING THE WORK AS SHOWN IN THE CONSTRUCTION DOCUMENTS. SPENSER, PAPER TOWELS, FOLDED
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ANY AND ALL ITEMS TO REMAIN, REPAIR OR REPLACE SUCH ITEMS SHOULD THEY BE DAMAGED BY THE CONTRACTOR.
- CONTRACTOR TO PROTECT EXISTING SITE, PARKING, BUILDING WALLS, STOREFRONT AND ROOF FROM ANY DAMAGE.
- CONTRACTOR TO MAINTAIN PROTECTED EGRESS FOR STAFF AND VISITORS.
- WHERE FLOOR DRAINS ARE INSTALLED, THE FLOOR IS NOT TO SLOPE TOWARD THE DRAIN (REMAINS FLAT) EXCEPT AT THE FOLLOWING LOCATIONS:
A. THICK SET TILE LOCATED IN CONJUNCTION WITH SHOWERS.
B. FLOORS NOT TILED AT SLAB-ON-GRADE LOCATIONS (SUCH AS MECHANICAL ROOMS)
WHERE FLOORS SLOPE, THE MAXIMUM FLOOR SLOPE IS NOT TO EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%, UNLESS NOTED OTHERWISE.
- WHERE CONCRETE PADS ARE CALLED TO BE CONSTRUCTED UNDER EQUIPMENT, THE SLAB IS TO BE 2" THICK, U.N.O., AND IS TO HAVE #4 BARS AT 18" O.C. EACH WAY. COORDINATE DIMENSIONS OF PAD WITH ACTUAL EQUIPMENT INSTALLED.
- AN ELECTRICAL SIGN OFF/APPROVAL IS REQUIRED DURING FRAMING BY ARCHITECT & OWNER OF ALL POWER/DATA/CABLE LOCATIONS PRIOR TO ROUGH-IN.
- AT ALL ELECTRICAL HOME RUN CIRCUITS ADD A J-BOX IN AN ACCESSIBLE LOCATION ABOVE THE CEILING PRIOR TO BRANCHING.
- THE CONTRACTOR IS TO ENSURE THAT BETWEEN ANY FINISH FLOOR ELEVATION TO 42" A.F.F., GUARDRAILS ARE TO BE CONSTRUCTED AND INSTALLED SO THAT A 4" SPHERE WILL NOT PASS BETWEEN ANY TWO ADJACENT GUARDRAIL COMPONENTS OR BETWEEN THE EDGE OF A GUARDRAIL AND ALL ADJACENT BUILDING ELEMENT SUCH AS A WALL OR FLOOR. AN 8" DIAMETER SPHERE IS NOT TO PASS BETWEEN THE ABOVE MENTIONED COMPONENTS AND ELEMENTS FROM AN ELEVATION 34" A.F.F. AND HIGHER.
- SEE SHEET A500 FOR WALL TYPES AND TYPICAL NOTES.
- REFER TO SHEET A520 FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH METAL STUD PARTITIONS.
- SEE DETAIL ON SHEET A520 FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS.
- PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT 30 FEET ON CENTER MAXIMUM. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING. INSTALL PER DETAILS ON SHEET A520 FOR CONTROL JOINTS.
- CONSTRUCT ALL COLUMN WRAPS PER DETAILS A521 & A521, UNLESS NOTED OTHERWISE.
- PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. INSTALL PER SHEET A520.
- SEE SHEET A601.2 & A601.3 FOR DOOR AND WINDOW TYPES AND NOTES.

KEYED NOTES

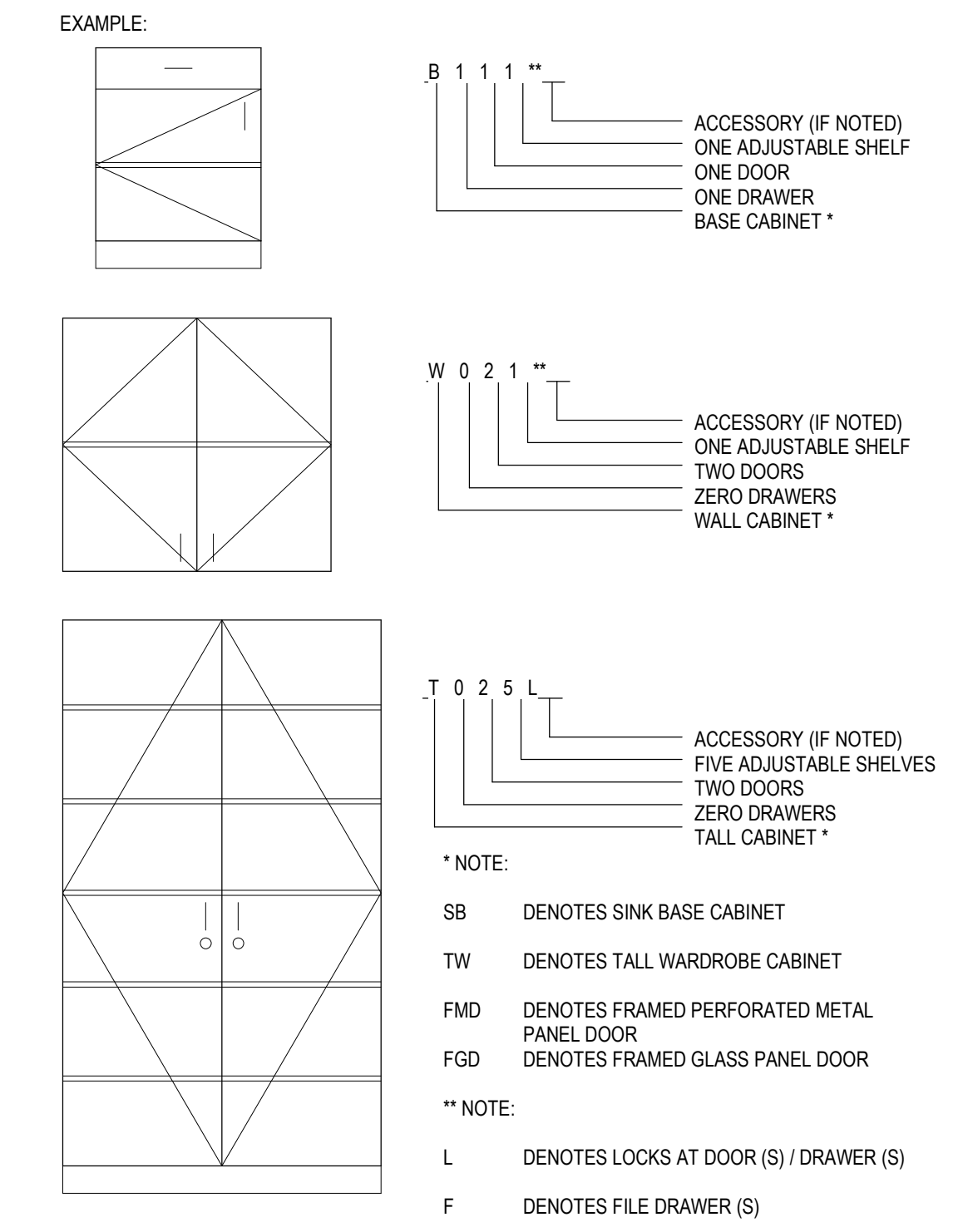


A4 IMAGING - EQUIPMENT & FURNITURE PLAN
SCALE: 1/4" = 1'-0"

GENERAL EQUIPMENT & ACCESSORIES MOUNTING HEIGHTS



ARCHITECTURAL MILLWORK KEY



CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
MELAMINE LAMINATE AS PER SPECIFICATIONS.

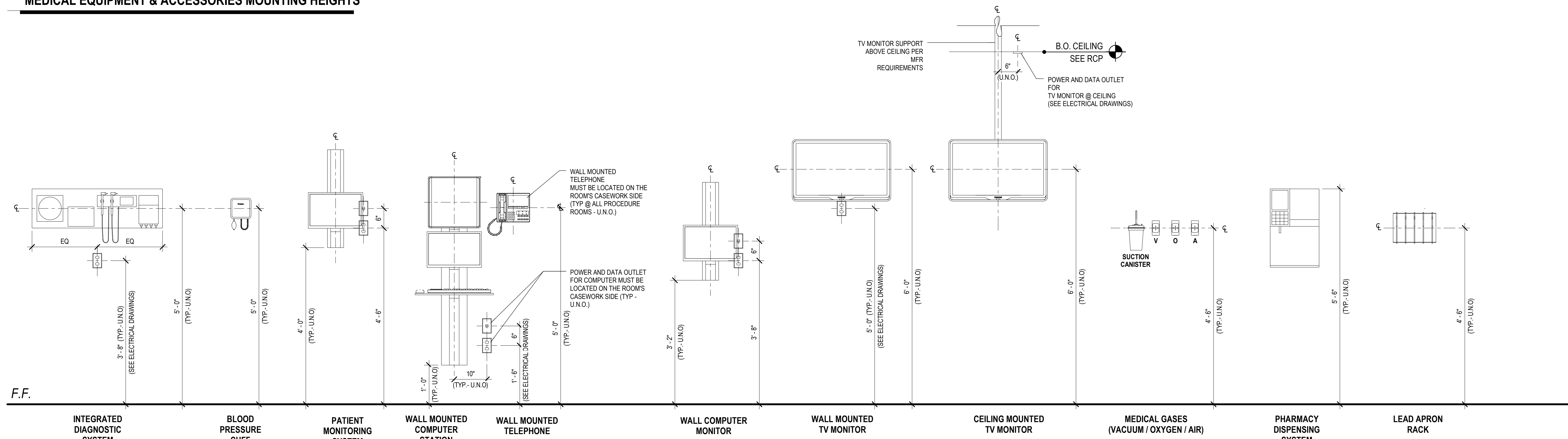
MILLWORK LEGEND

- MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- ALL MILLWORK DIMENSIONS FROM BASE TO TOP OF IDENTIFIED COUNTERTOP. TYP. CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
- PROVIDE GROMMET AT ALL COMPUTER AND PRINTER LOCATIONS, PER EQUIPMENT PLANS, FINAL LOCATION TO BE VERIFIED BY OWNER.
- ALL COUNTERTOPS TO HAVE A 4" BACKSPASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- ALL COUNTERTOPS TO HAVE A 180 DEGREE BULLNOSE EDGE, UNLESS NOTED OTHERWISE.
- PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALLS.
- ALL EXPOSED MILLWORK FACES TO FINISHED, INCLUDING ON ENDS AND IN OPEN AREAS, TYP.
- ALL SINK BASES AND FILE DRAWERS TO BE PROVIDED WITH A LOCK.
- CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC.
- REFER TO ENLARGED PLANS AND ELEVATIONS (A600S), FINISH PLANS AND SHEET A600 FOR FINISH COLORS ON ALL MILLWORK AND ELEVATIONS.

TYPICAL MILLWORK DETAILS

- TYPICAL MILLWORK ANCHORING DETAILS. PER DETAIL C6A570
- TYPICAL PLAN VIEW BASE CABINETS. PER DETAILS A6 & B6A570
- TYPICAL PLAN VIEW BASE END PANEL. PER DETAIL D6A570
- PROVIDE TYPICAL TOE KICK AND BASE FRAMING PER DETAIL E6A570
- PROVIDE TYPICAL PLASTIC LAMINATE CABINET DETAILS ON SHEET A570 AS NOTED ON THE INTERIOR ELEVATION SHEETS (A400S)
- TYPICAL ADJUSTABLE HEIGHT SHELVES PER DETAIL D5A570
- TYPICAL SOLID SURFACE COUNTERTOP WORK SURFACE. PER DETAIL D6A571
- TYPICAL SOLID SURFACE CABINET WITH PASS THRU RING & FULL DOOR(S). PER DETAIL C5A571
- TYPICAL SOLID SURFACE CABINET WITH FULL DOOR(S). PER DETAIL C6A571
- TYPICAL SOLID SURFACE BASE CABINET WITH FILE DRAWERS. PER DETAIL B6A571
- SOLID SURFACE BASE CABINET WITH DRAWER(S). PER DETAIL B5 A571, B3A571
- TYPICAL SOLID SURFACE SINK BASE CABINET WITH LOCK & DOOR(S). PER DETAIL A5A571
- TYPICAL SOLID SURFACE BASE CABINET WITH DOOR(S) AND DRAWER. PER DETAIL A6A571.

MEDICAL EQUIPMENT & ACCESSORIES MOUNTING HEIGHTS



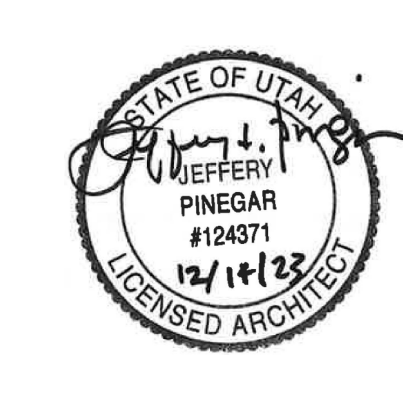
EQUIPMENT & FURNITURE ABBREVIATIONS

AD	AUDIOLOGY EQUIPMENT	R	IRRIGATOR
AN	ANALYZER / SLIDE STAINER	LF	LIFTER
AS	ASPIRATOR / VACUUM (MEDICAL)	LI	LIGHTING (MEDICAL)
AJ	AUTOClave / STERILIZATION	LS	LASER SURGERY MACHINE
BC	BIO-SAFETY CABINET	MI	MICROSCOPE
BE	BED	MO	MONITOR
BO	BOARD	MR	MIRROR
BT	BALANCE TESTING EQUIPMENT	MU	MULTIFUNCTION MACHINE
CA	CART	MW	MICROWAVE
CB	CABINET (MEDICAL)	NC	NURSE CALL
CE	CENTRIFUGE	OP	OPHTHALMOLOGY EQUIPMENT
CH	CHAIR	OT	OTOLARYNGOLOGY EQUIPMENT
CO	COMPUTER	PJ	PROJECTOR
CP	COPIER	PM	PATIENT MONITORING
CR	COMPUTED RADIOGRAPHY SYSTEM	PR	PRINTER
CS	CASH REGISTER	PS	PROJECTION SCREEN
CT	COMPUTED TOMOGRAPHY (CT SCAN)	RA	RACK
CU	CUTTER	RE	REFRIGERATOR
CY	CRYOSTAT MACHINE	RT	RESPIRATORY TEST EQUIPMENT
DB	DIAGNOSTIC BOARD	SB	SOUND BOOTH
DI	DISPENSER	SF	SAFE BOX
DR	DIGITAL RADIOGRAPHY SYSTEM	SC	SCALE
DS	DISPENSING SYSTEM	SH	SHREDDER
EK	ELECTROCARDIOGRAPHY MACHINE (EKG)	SL	STOOL
EM	ELECTROMYOGRAPHY MACHINE (EMG)	SN	SCANNER
EN	ENDOSCOPY EQUIPMENT	ST	STAND
ES	ELECTRICAL SURGERY MACHINE	TA	EXAM TABLE
EW	EYE WASH	TE	TELEPHONE
FA	FAX	TV	TELEVISION
FR	FREEZER	UL	ULTRASOUND
GT	GAS TANK	VI	VIDEO / DVD RECORDER
GU	GURNEY / STRETCHER	VM	VENDING MACHINE
GY	GYM EQUIPMENT	VN	VNG / ENG
HT	HEARING TEST EQUIPMENT	WR	WARMER
HY	HYDROCOLLATOR	WC	WHEELCHAIR
IL	ILLUMINATOR	WE	WORKSHOP EQUIPMENT
IM	ICE MACHINE	WH	WASTE / HAMPER
IN	INCUBATOR	WP	WHIRLPOOL
		WS	WORKSTATION
		XR	X-RAY MACHINE

EQUIPMENT & ACCESSORIES NOTES

- CONTRACTOR TO PROVIDE REQUIRED WALL BACKING FOR WALL MOUNTED EQUIPMENT AND/OR ACCESSORIES.
- CONTRACTOR TO VERIFY MANUFACTURER'S REQUIREMENTS FOR FLOOR / WALL / CEILING MOUNTED EQUIPMENT AND/OR ACCESSORIES. NOTIFY ARCHITECT WITH ANY DISCREPANCIES.

KEY - FINISH					
Key Name	Finish - Description	Finish - Manufacturer	Finish - Name	Finish - Color	Finish - Comments
FLOOR					
F1	HOMOGENOUS SHEET - FIELD	MANNINGTON COMMERCIAL	BIOSPEC MD	FLAX 15361	
F2	HOMOGENOUS SHEET - ACCENT	MANNINGTON COMMERCIAL	BIOSPEC MD	BEDROCK 15369	
F3	FLOOR TILE - RESTROOMS	CROSSVILLE STUDIOS	NOTORIOUS	NTR01 FEMME FATAL	12"x24"
BASE					
B1	INTEGRAL BASE	MATCH FLOORING SPECIFIED	MATCH FLOORING SPECIFIED	MATCH FLOORING SPECIFIED	4" INTEGRAL BASE W/ METAL CAP. INCLUDE COVE STICK. REFER TO TYPICAL BASE DETAILS.
B2	BASE - RESTROOMS	SCHLUTER	DILEX-AHK	CLEAR ANODIZED ALUMINUM	PROVIDE END CAPS WHERE NEEDED, MITER ALL INSIDE AND OUTSIDE CORNERS
PAINT					
P1	PAINT - GENERAL	SHERWIN WILLIAMS		SW7043 WORLDLY GRAY	
P2	PAINT - ACCENT	SHERWIN WILLIAMS		SW6227 MEDITATIVE	
P3	PAINT - DOOR FRAME	SHERWIN WILLIAMS		MATCH EXISTING	
SURFACE					
S1	PLASTIC LAMINATE	WILSONART	STANDARD HPL	PHANTOM COCOA 8213	28 GLOSS LINE TEXTURE, GENERAL VERTICAL SURFACES U.N.O.
S2	SOLID SURFACE	HI-MACS		LUNAR SAND	
MISCELLANEOUS					
CG-1	CORNER GUARD 90 DEGREE	INPRO	G2-160R BIOBLEND RETAINER HIGH IMPACT	0103 WHITE SAND	4'-0"X 2" WING, SURFACE MOUNTED PVC FREE
CL-1	CEILING TILE - GENERAL	USG CEILINGS	RADAR BASIC ILLUSION TWO024	WHITE	2'-0"X4'-0"
WG-1	SHEET WALL PROTECTION	INPRO	PALLADIUM RIGID SHEET, G2 405	0103 WHITE SAND	1/40" THICK, ALUMINUM TRIM TOP CAP
WT-1	WALL TILE - RESTROOMS	CROSSVILLE STUDIOS	NOTORIOUS	NTR01 FEMME FATAL	12"x24" HORIZONTAL STACK UP TO 6'-0". PAINT ABOVE. CAP WITH SCHLUTER JULY TRIM IN CLEAR ANODIZED ALUMINUM



INTERIOR ELEVATION GENERAL NOTES

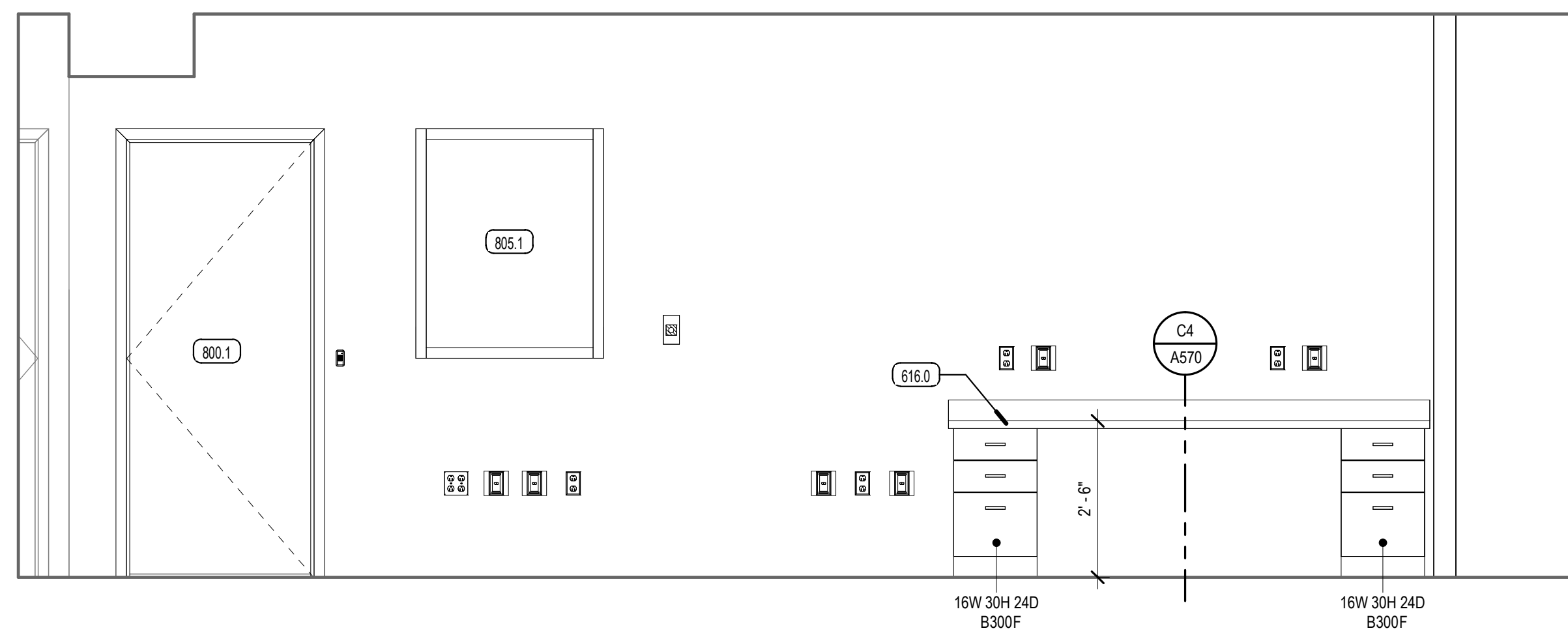
1. REFER TO SHEET A410 FOR MILLWORK LEGEND AND TYPICAL MILLWORK NOTES; A111 FOR FINISH SCHEDULE & GENERAL FINISH NOTES; A1XX.5 EQUIPMENT PLANS (MULTIPLE SHEETS) FOR ALL EQUIPMENT TYPE AND LOCATIONS.
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8. COORDINATE ALL INTERIOR ELEVATIONS WITH FINISH PLANS (SHEETS A111) AND ROOM FINISH SCHEDULE (SHEET A111).

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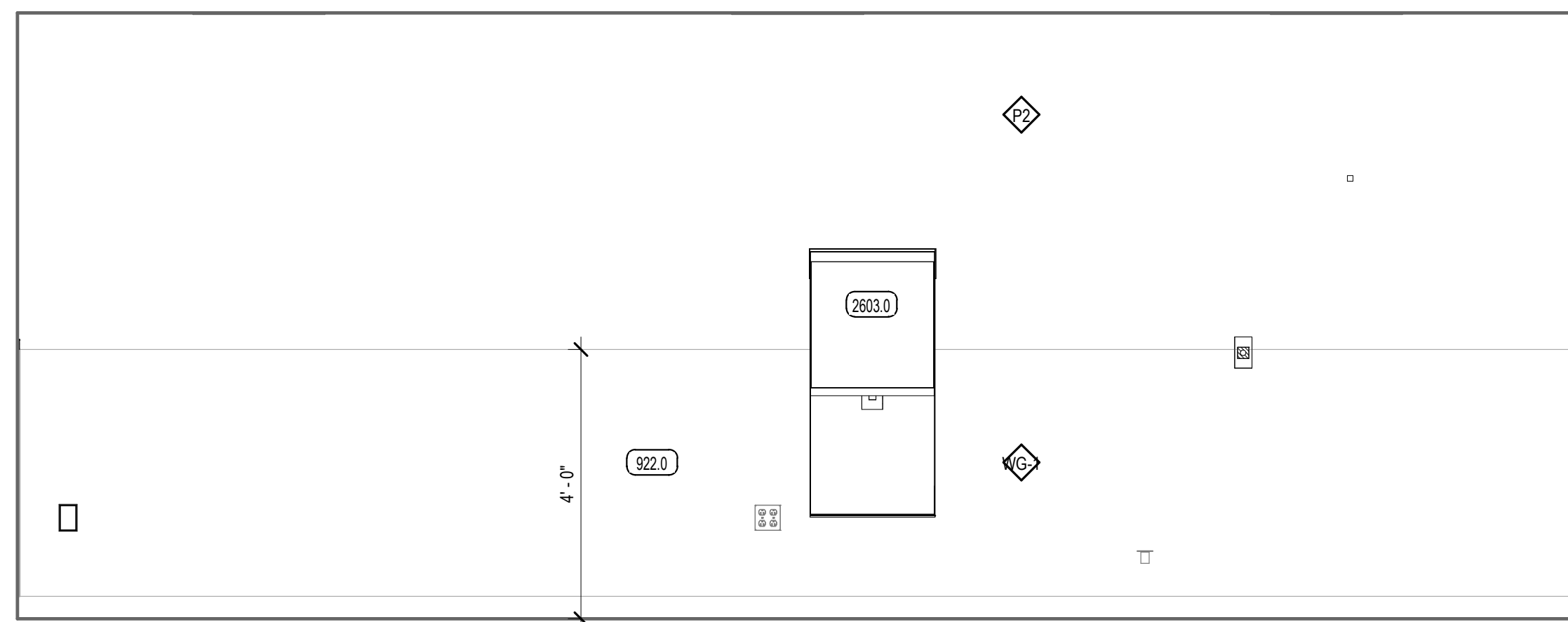
SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

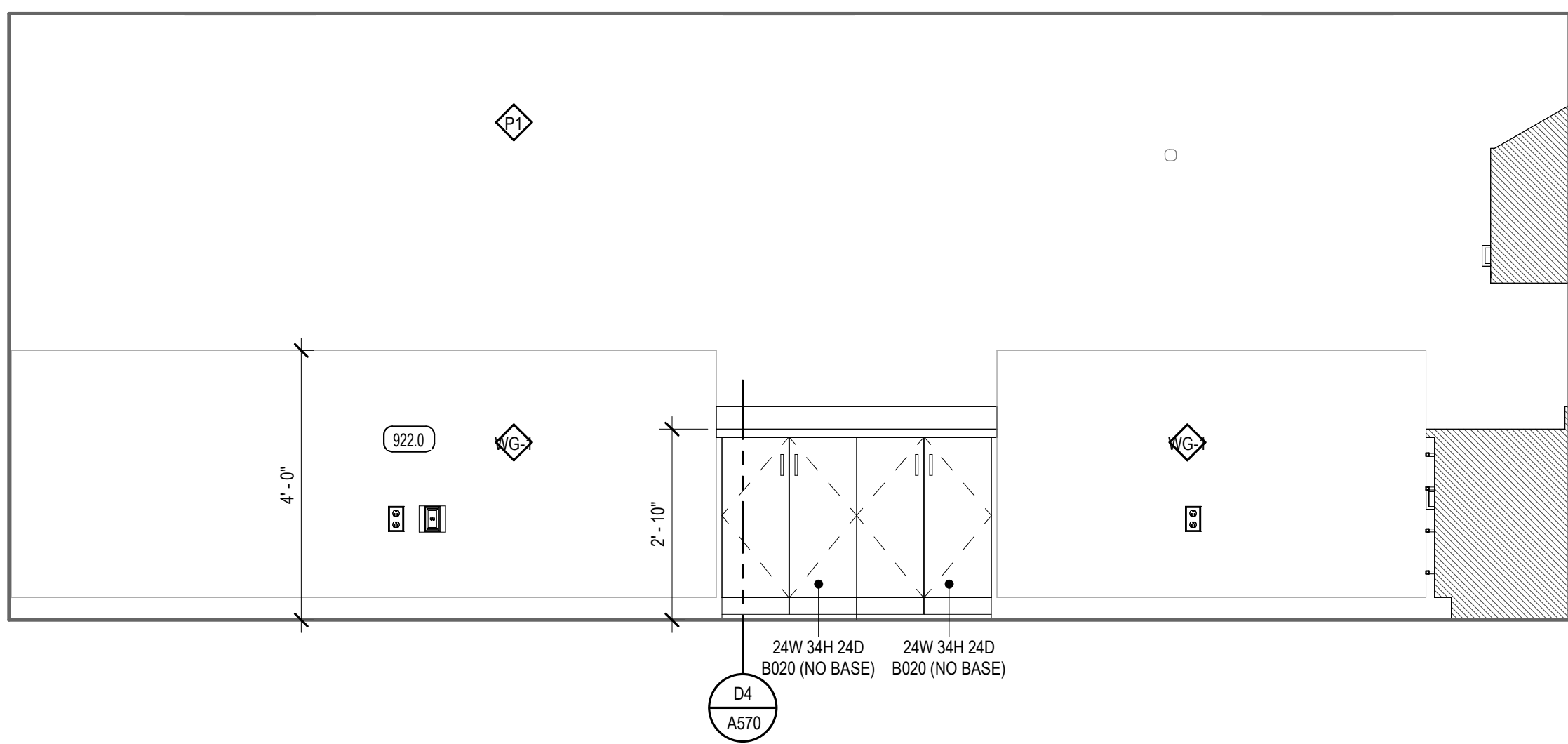
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CLIENT NUMBER:
DATE: 12-08-2023



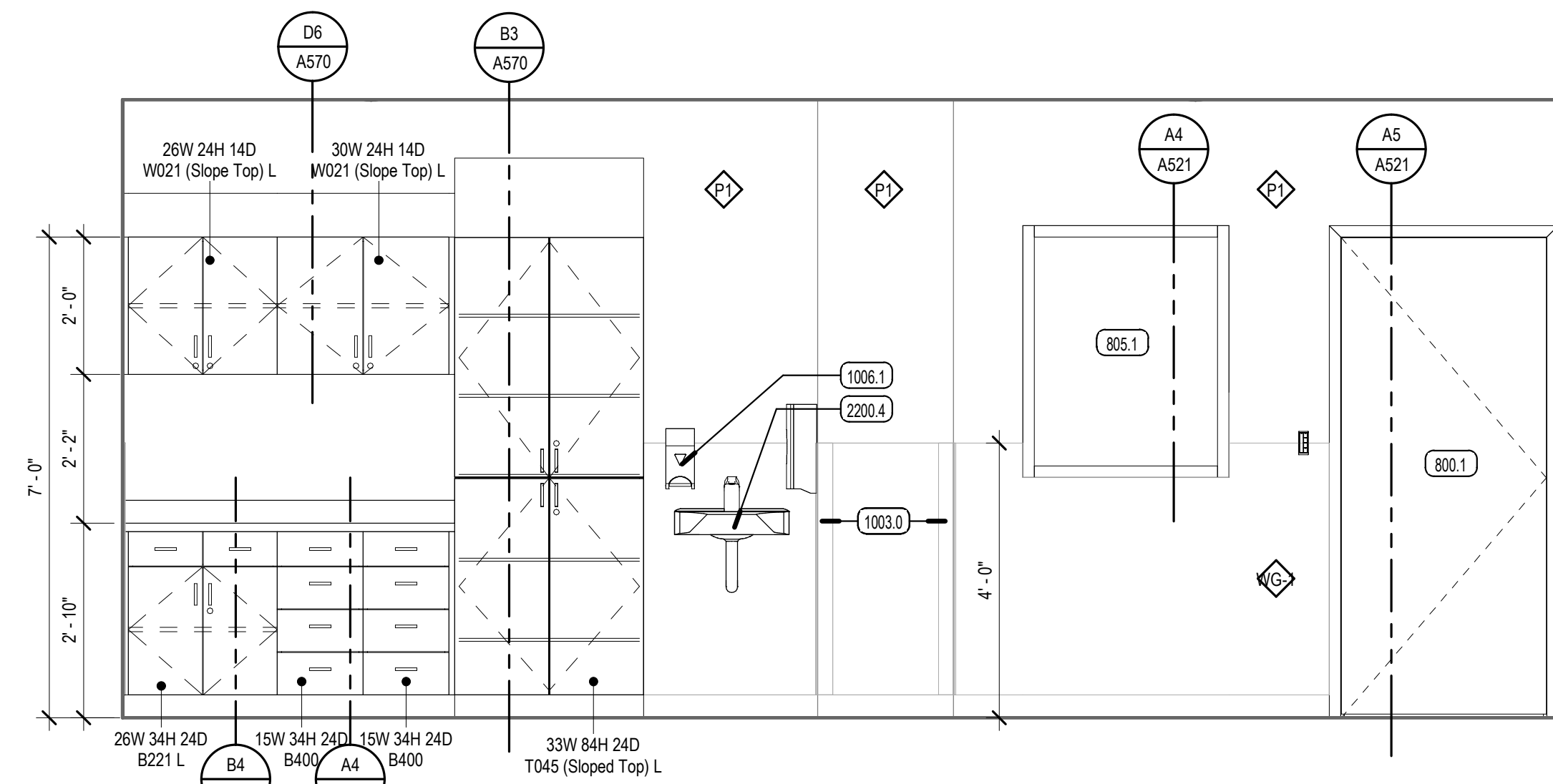
C1 TECH CORE - RIGHT
SCALE: 1/2" = 1'-0"



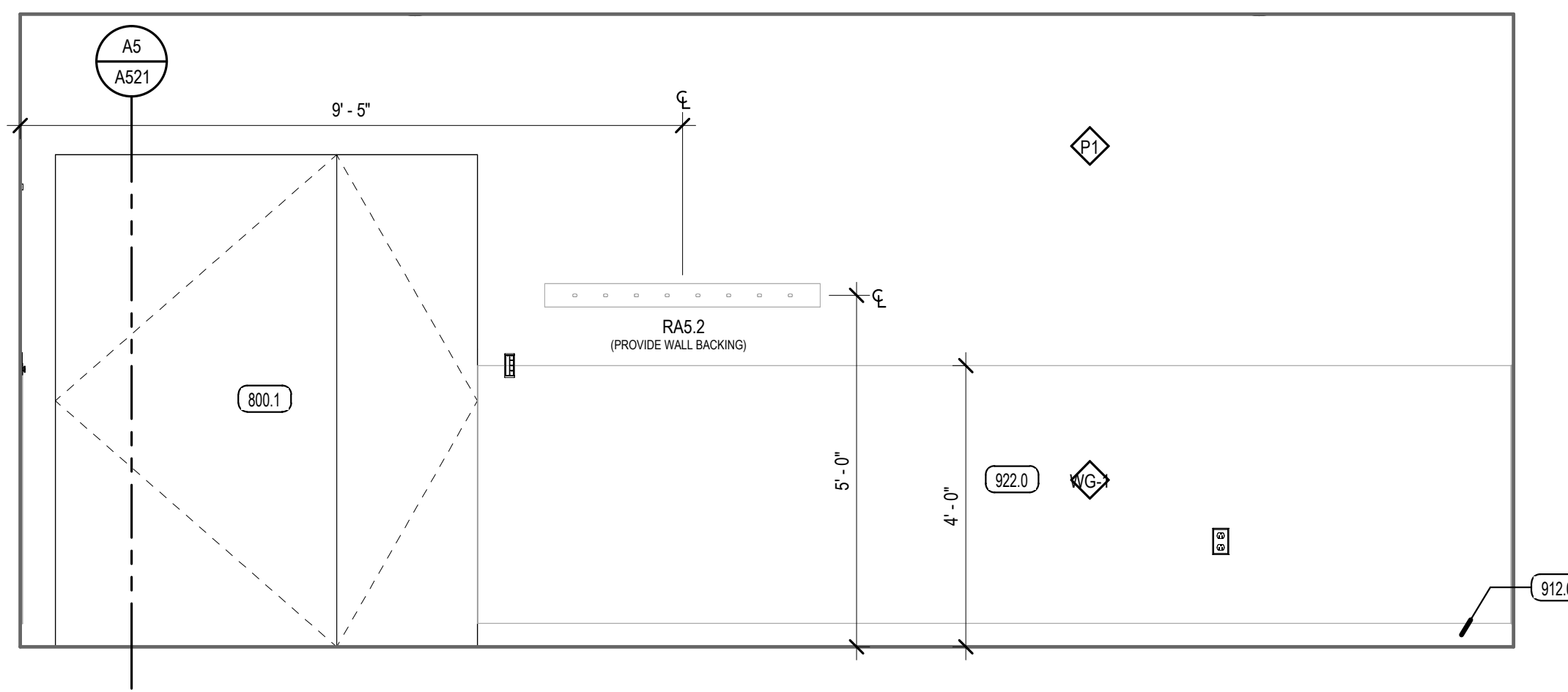
B1 CT PROCEDURE 1386 - NORTH
SCALE: 1/2" = 1'-0"



A1 CT PROCEDURE 1386 - SOUTH
SCALE: 1/2" = 1'-0"



B3 CT PROCEDURE 1386 - WEST
SCALE: 1/2" = 1'-0"



A3 CT PROCEDURE 1386 - EAST
SCALE: 1/2" = 1'-0"

REV	DATE	DESCRIPTION

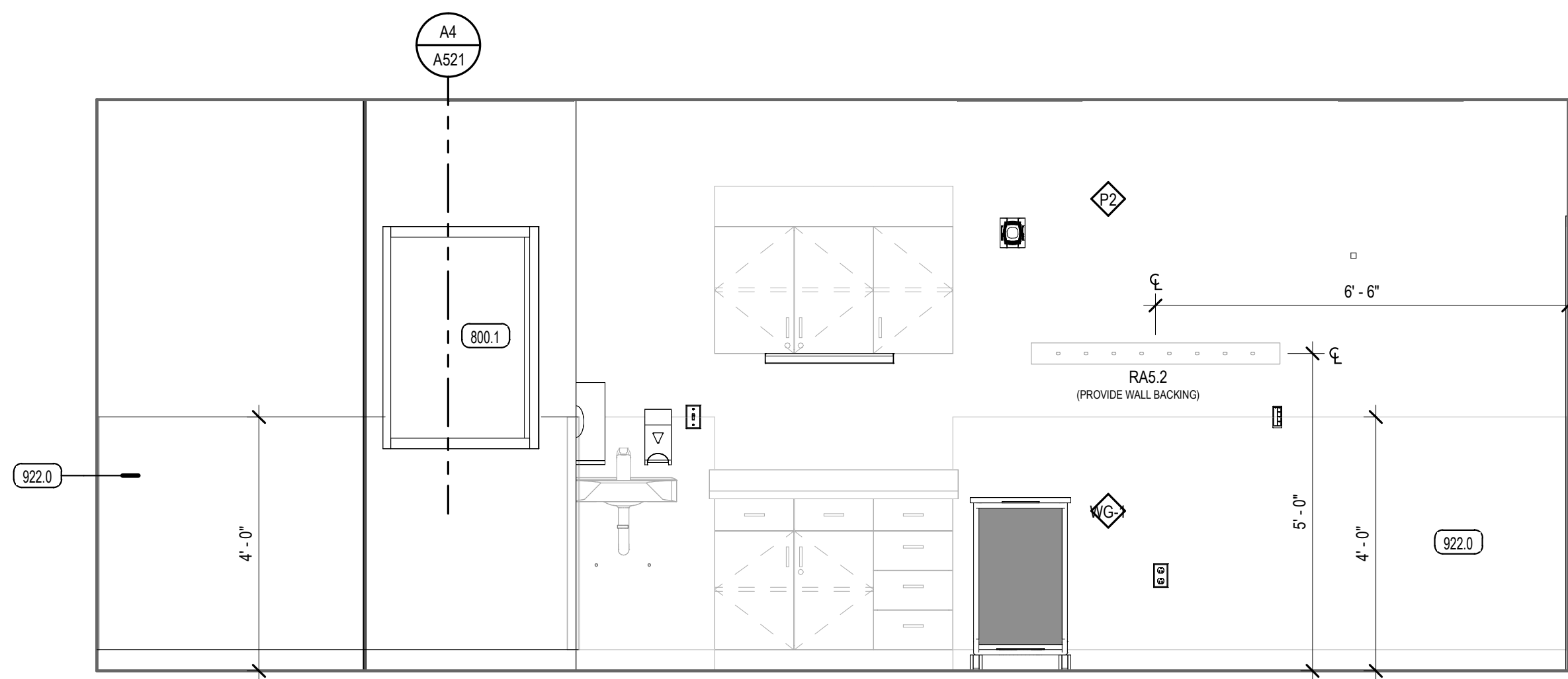
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900 ROUND VALLEY DR, PARK CITY, UT 84080

CONSTRUCTION DOCUMENTS

INTERIOR ELEVATIONS

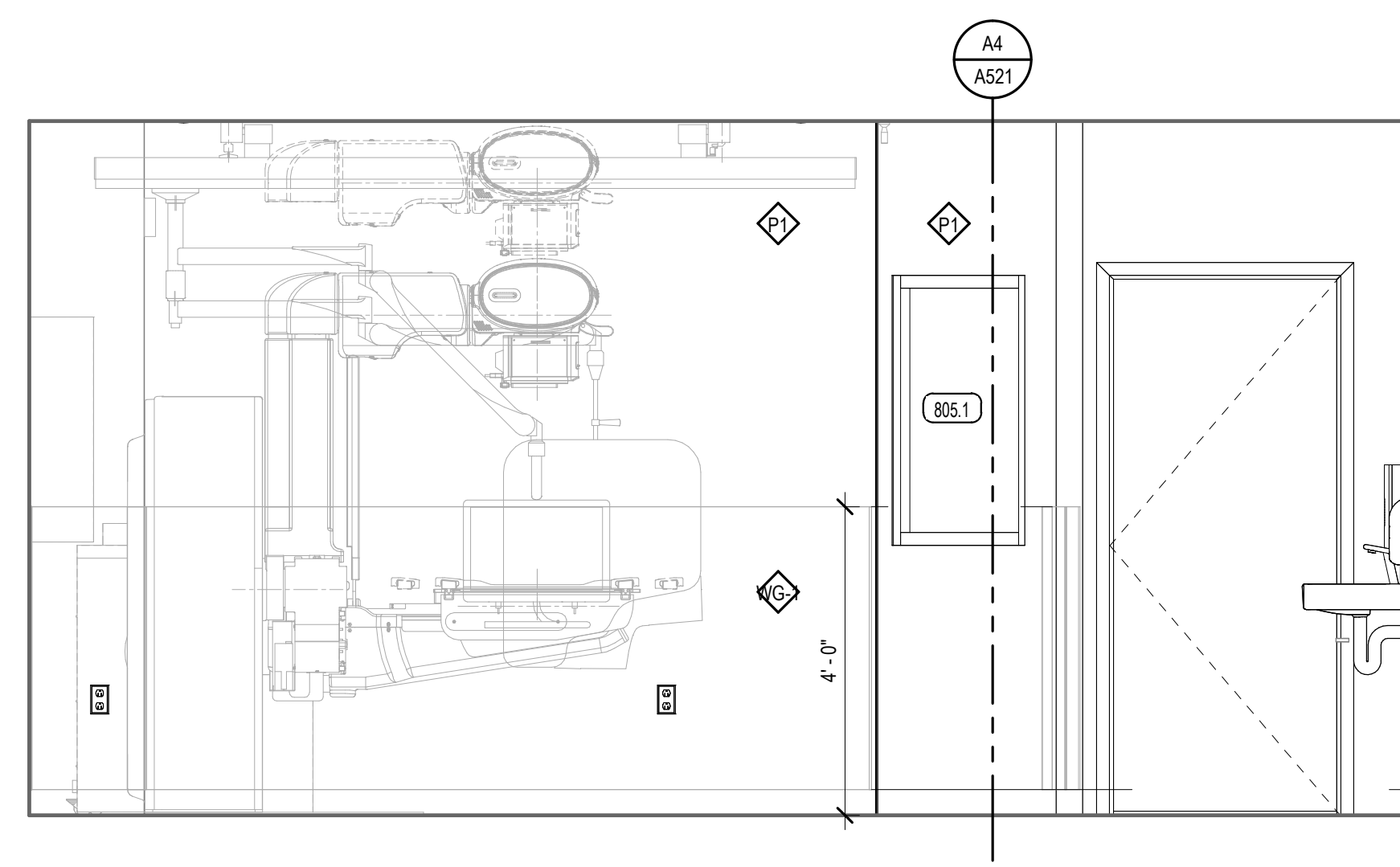
A401

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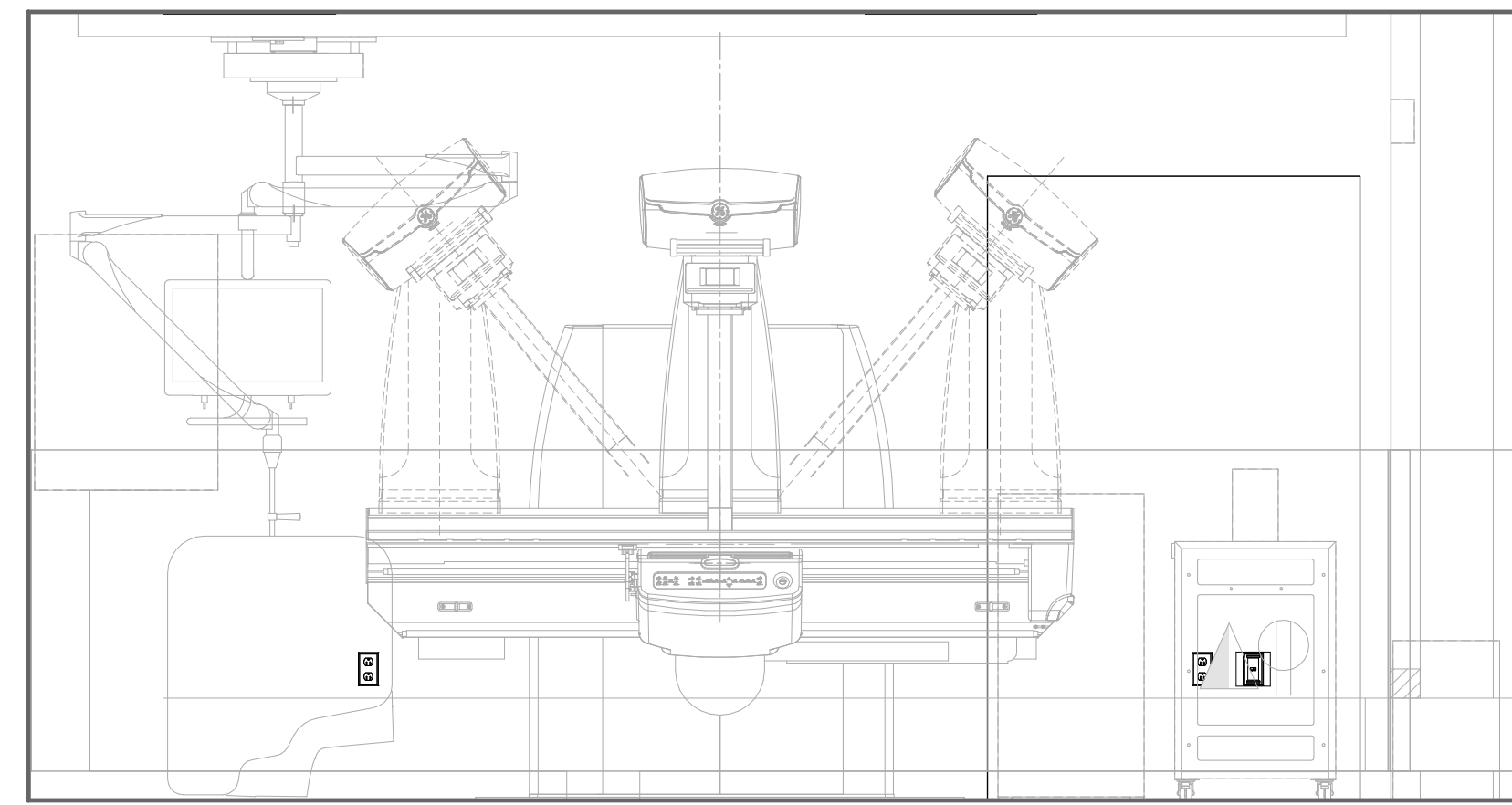
D1 DIAGNOSTIC FLUOROSCOPY 1385 - NORTH

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



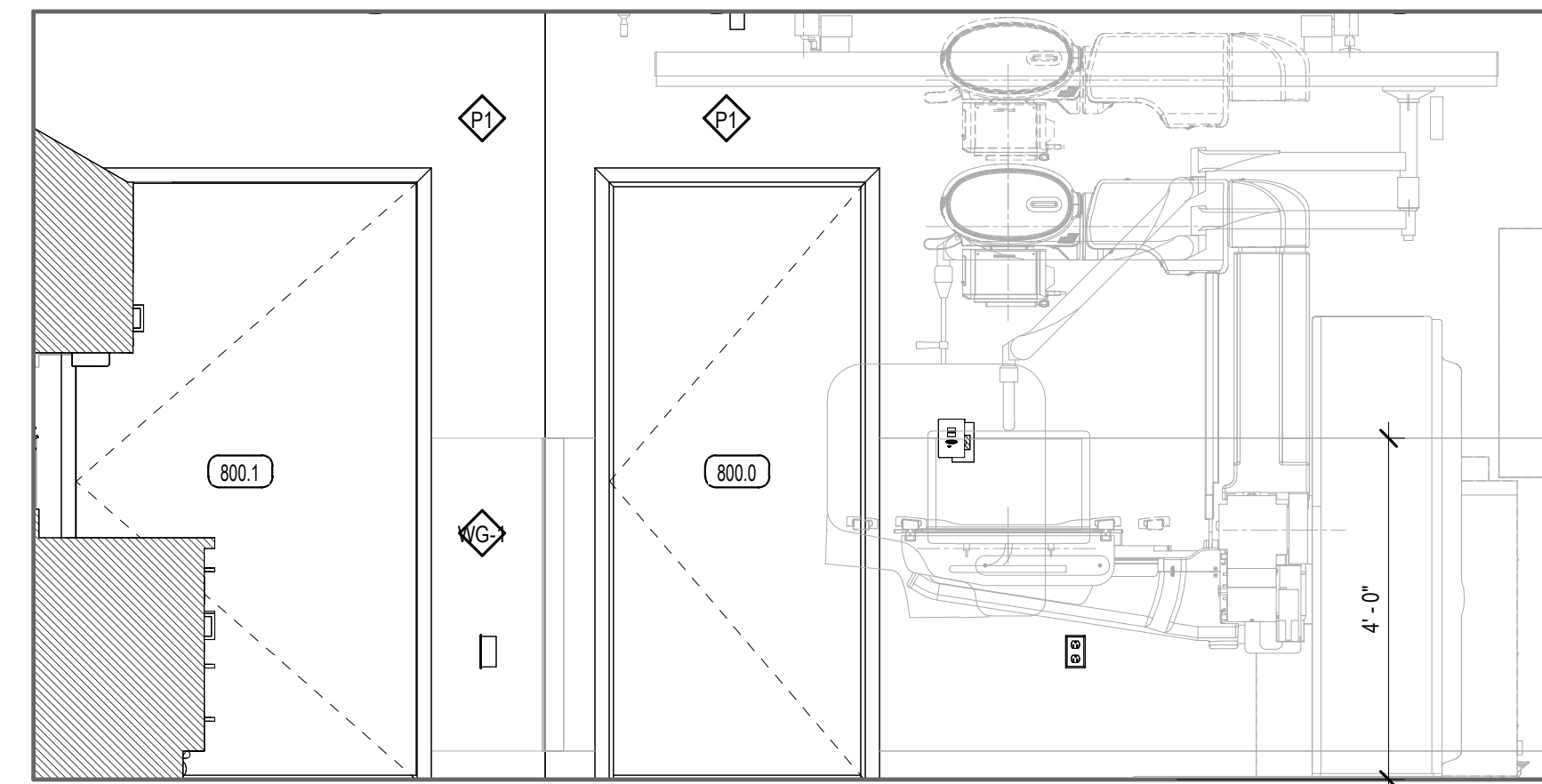
D3 DIAGNOSTIC FLUOROSCOPY 1385 - WEST

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



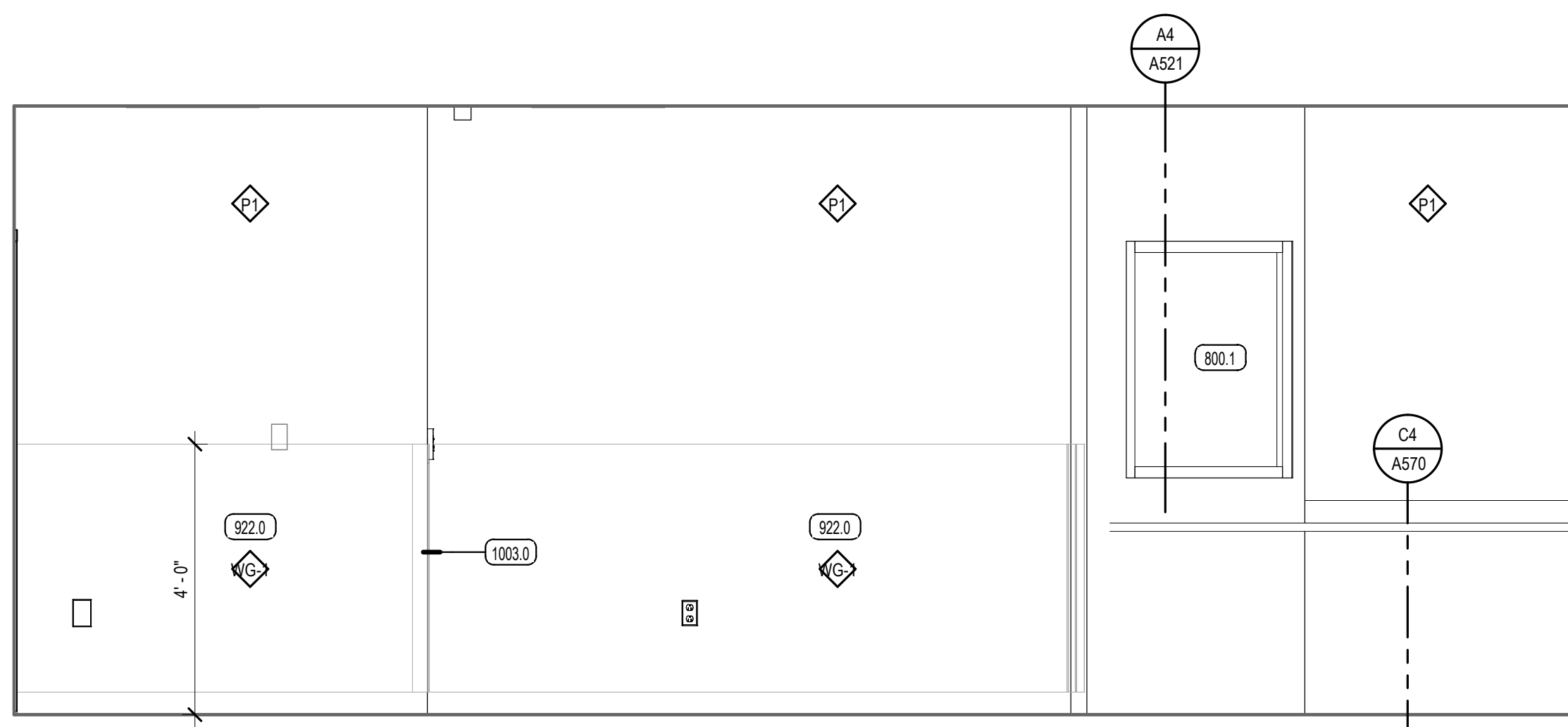
C1 DIAGNOSTIC FLUOROSCOPY 1385 - SOUTH

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



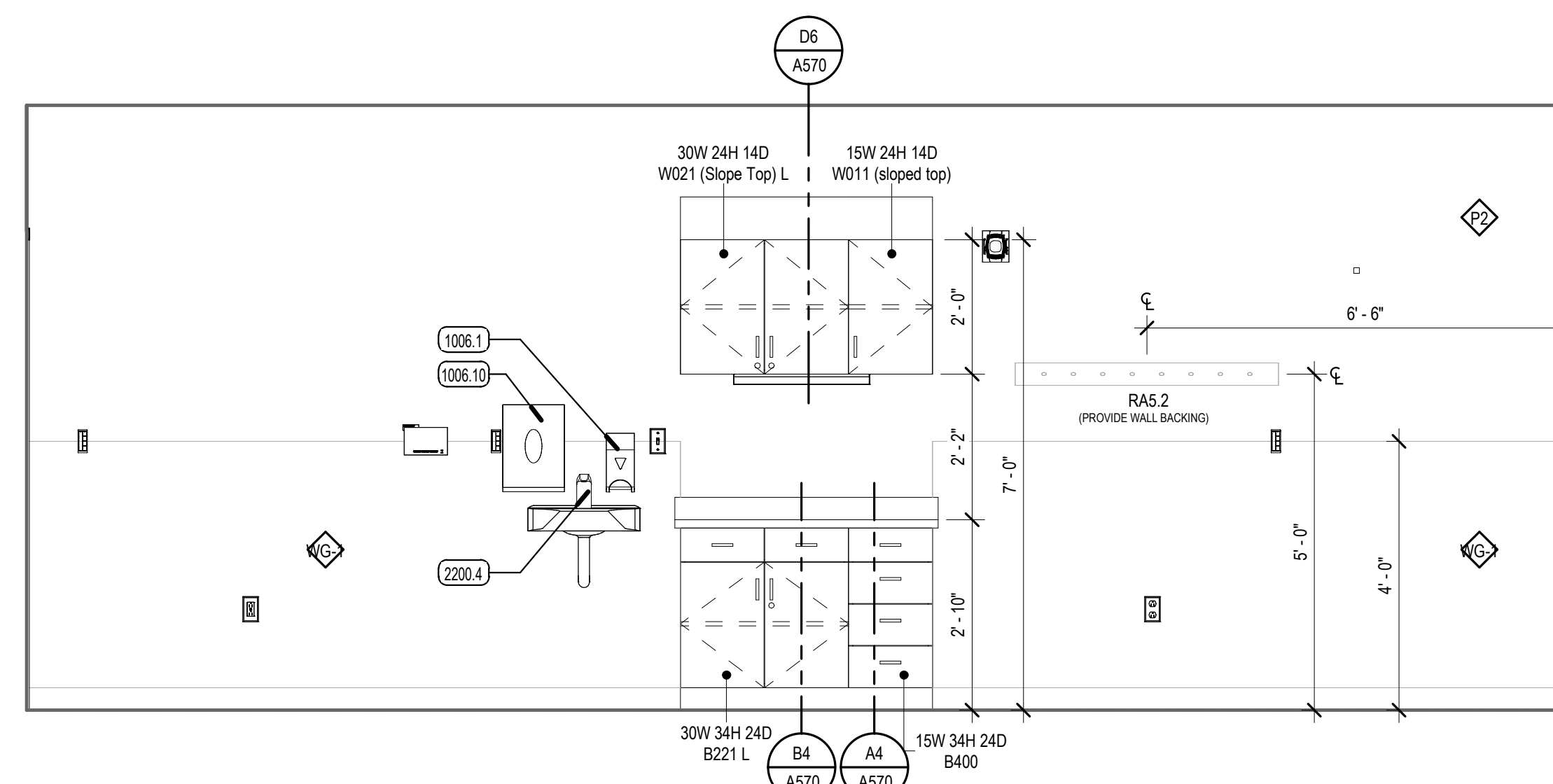
C3 DIAGNOSTIC FLUOROSCOPY 1385 - EAST

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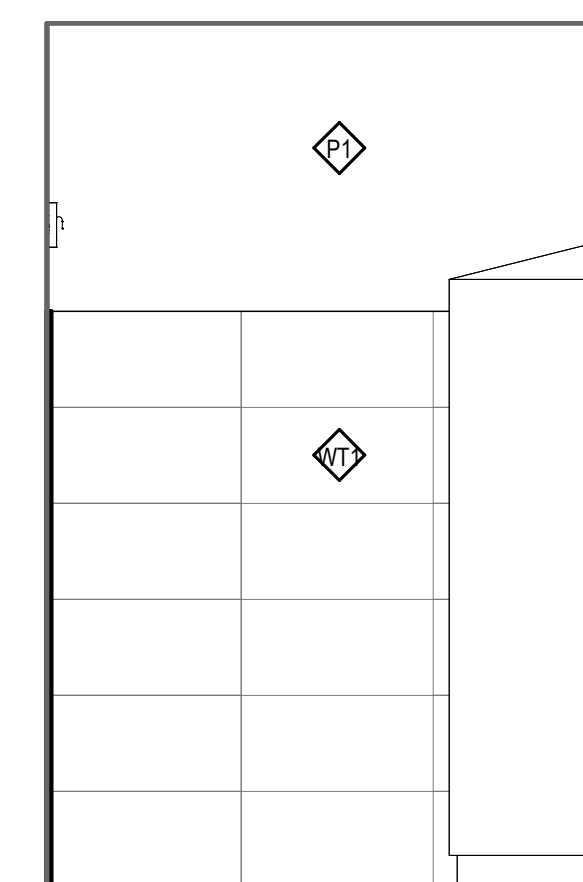
B1 DIAGNOSTIC FLUOROSCOPY 1385 - SOUTH 2

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



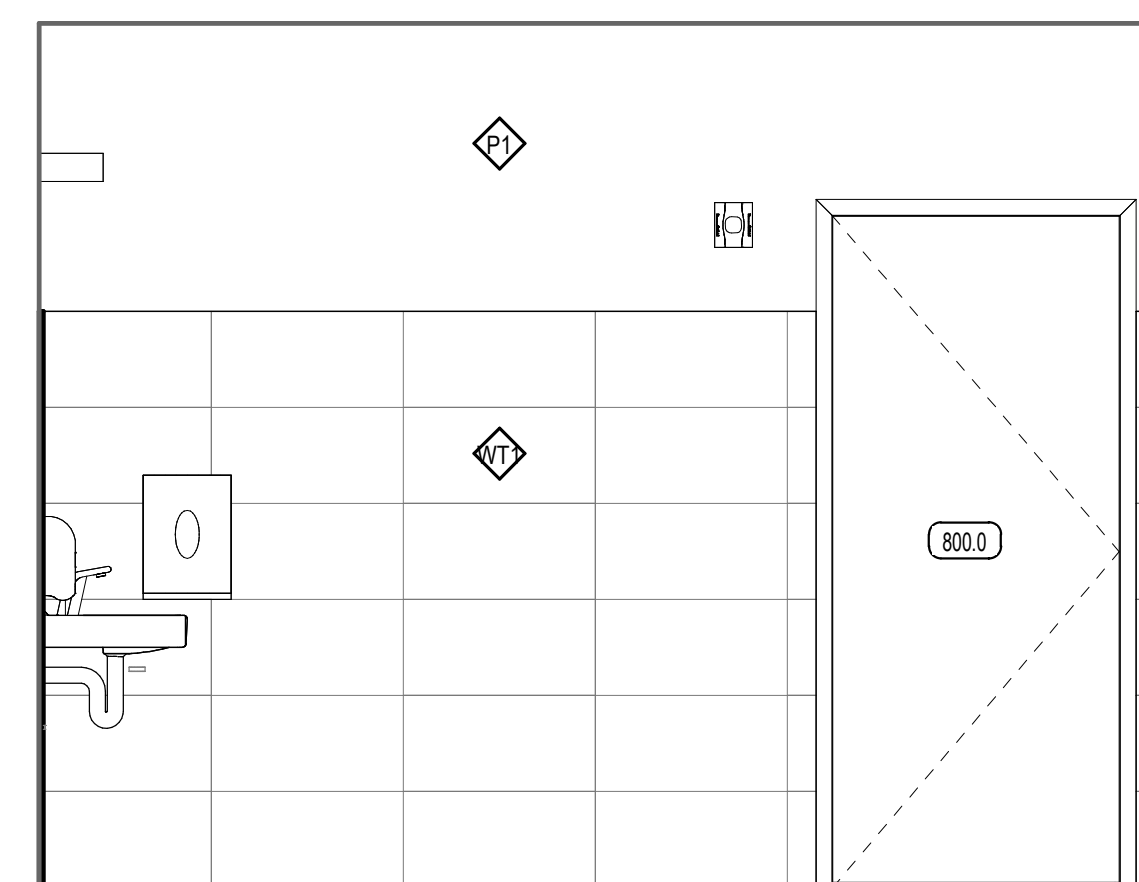
B3 DIAGNOSTIC FLUOROSCOPY 1385 - NORTH 2

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



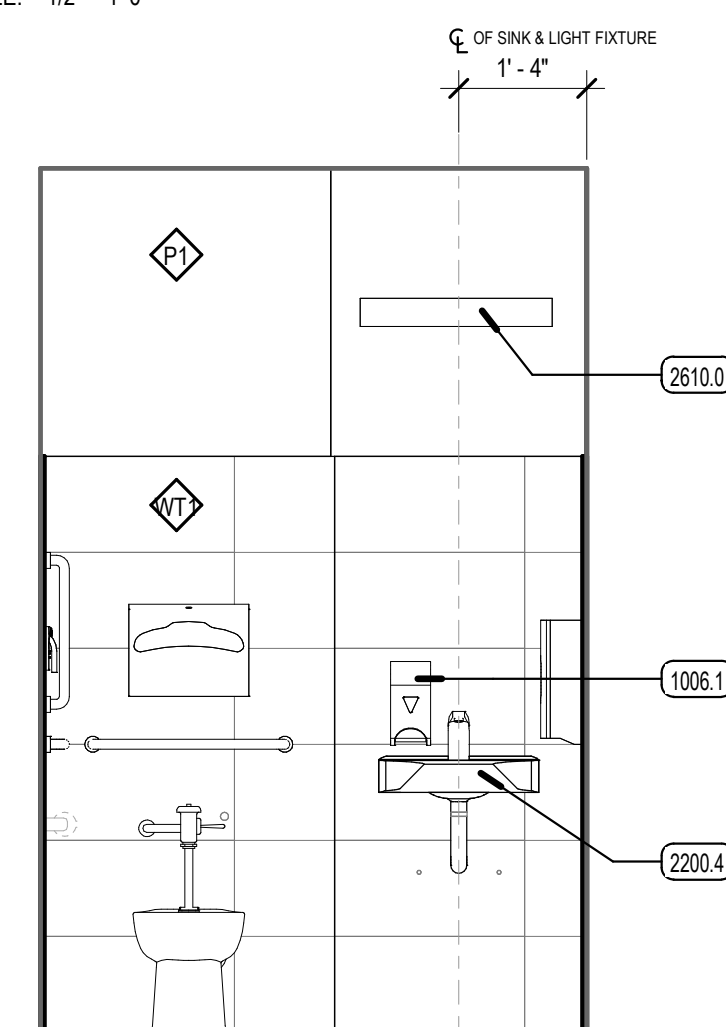
A1 PATIENT TOILET / DRESSING 1389 - NORTH

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



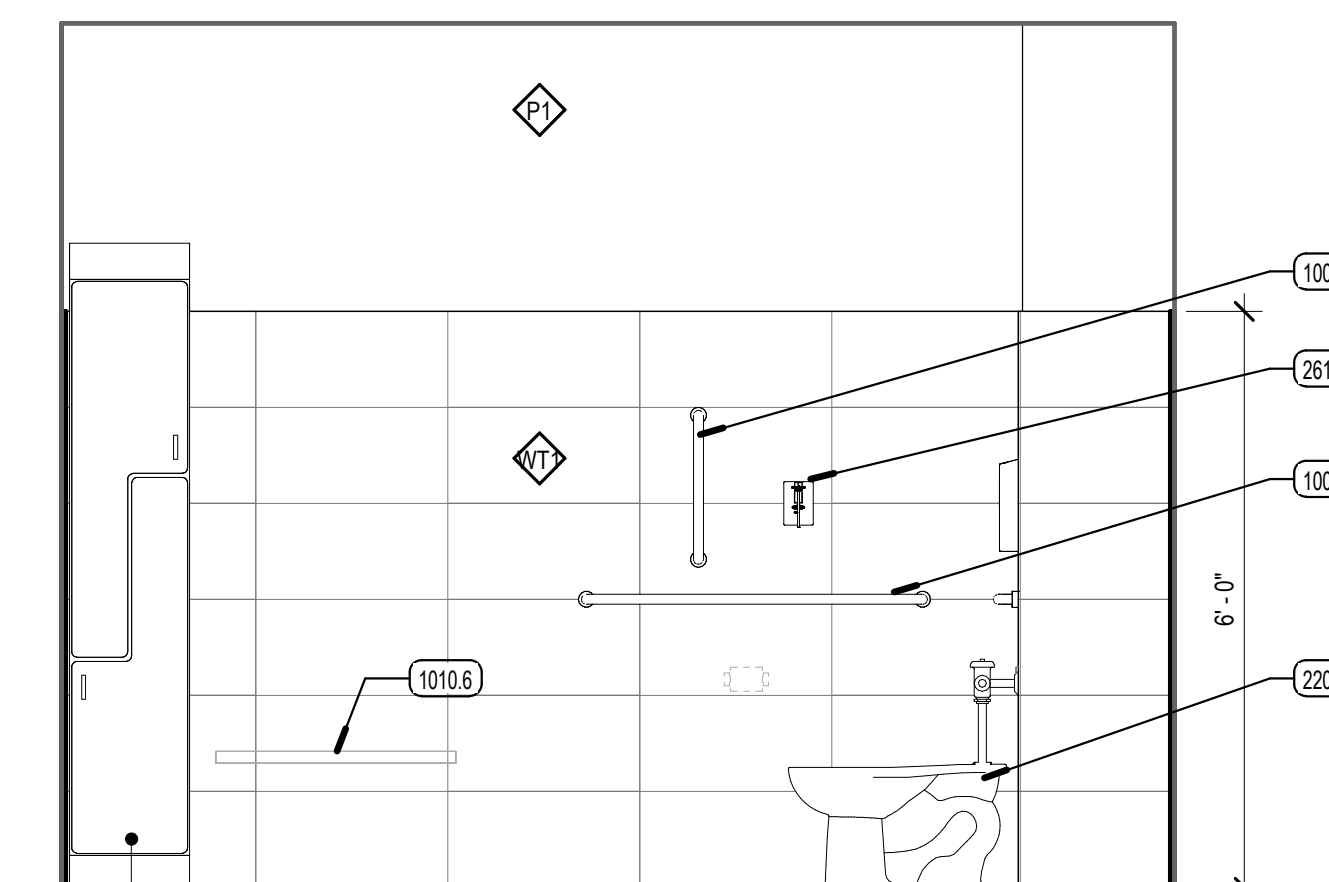
A2 PATIENT TOILET / DRESSING 1389 - WEST

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



A3 PATIENT TOILET / DRESSING 1389 - SOUTH

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



A4 PATIENT TOILET / DRESSING 1389 - EAST

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

INTERIOR ELEVATION GENERAL NOTES

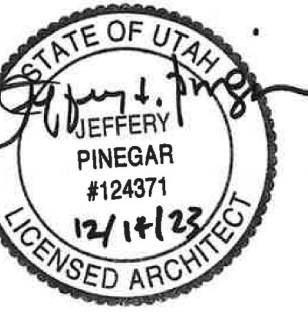
1. REFER TO SHEET A410 FOR MILLWORK LEGEND AND TYPICAL MILLWORK NOTES; A111 FOR FINISH SCHEDULE & GENERAL FINISH NOTES; A1XX.5 EQUIPMENT PLANS (MULTIPLE SHEETS) FOR ALL EQUIPMENT TYPE AND LOCATIONS.
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SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST., #103
ST. GEORGE, UT 84770
435.522.7070

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VCBO NUMBER: 22545
CLIENT NUMBER:
DATE: 12-08-2023



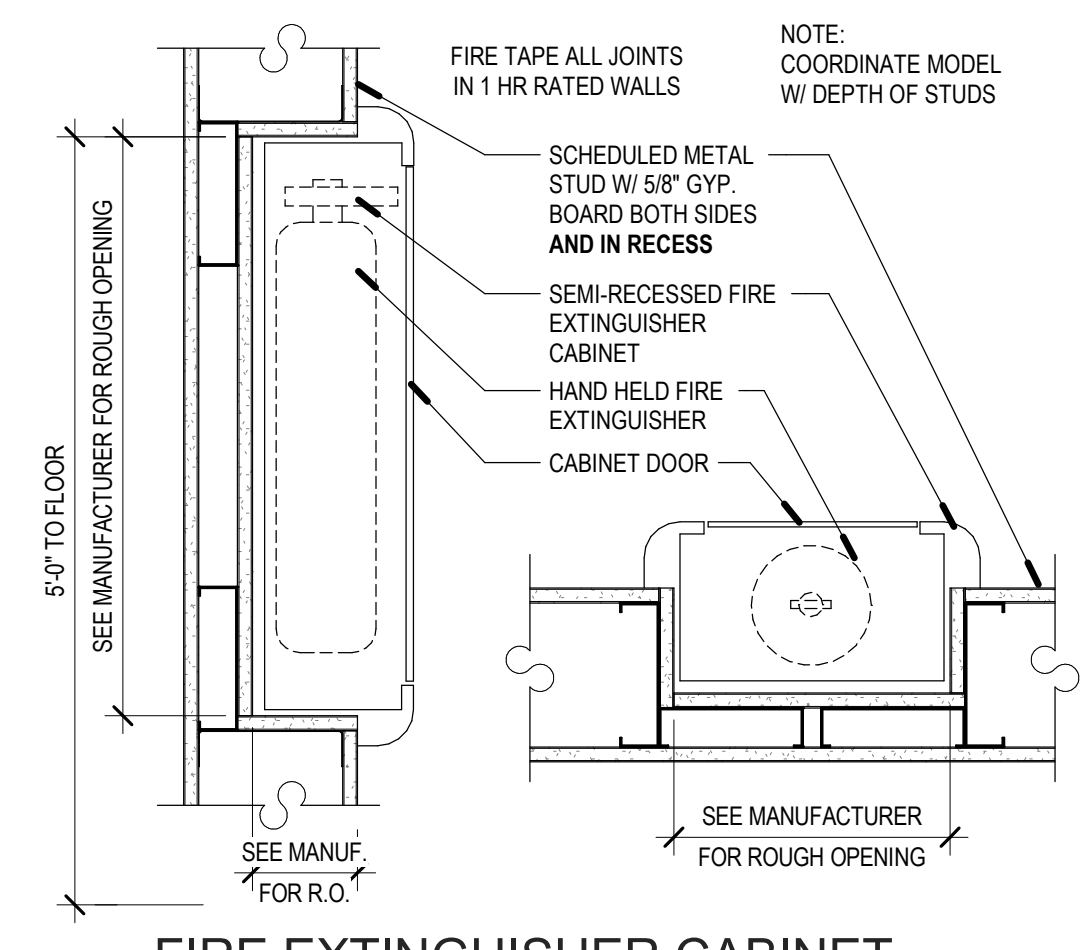
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CONSTRUCTION DOCUMENTS

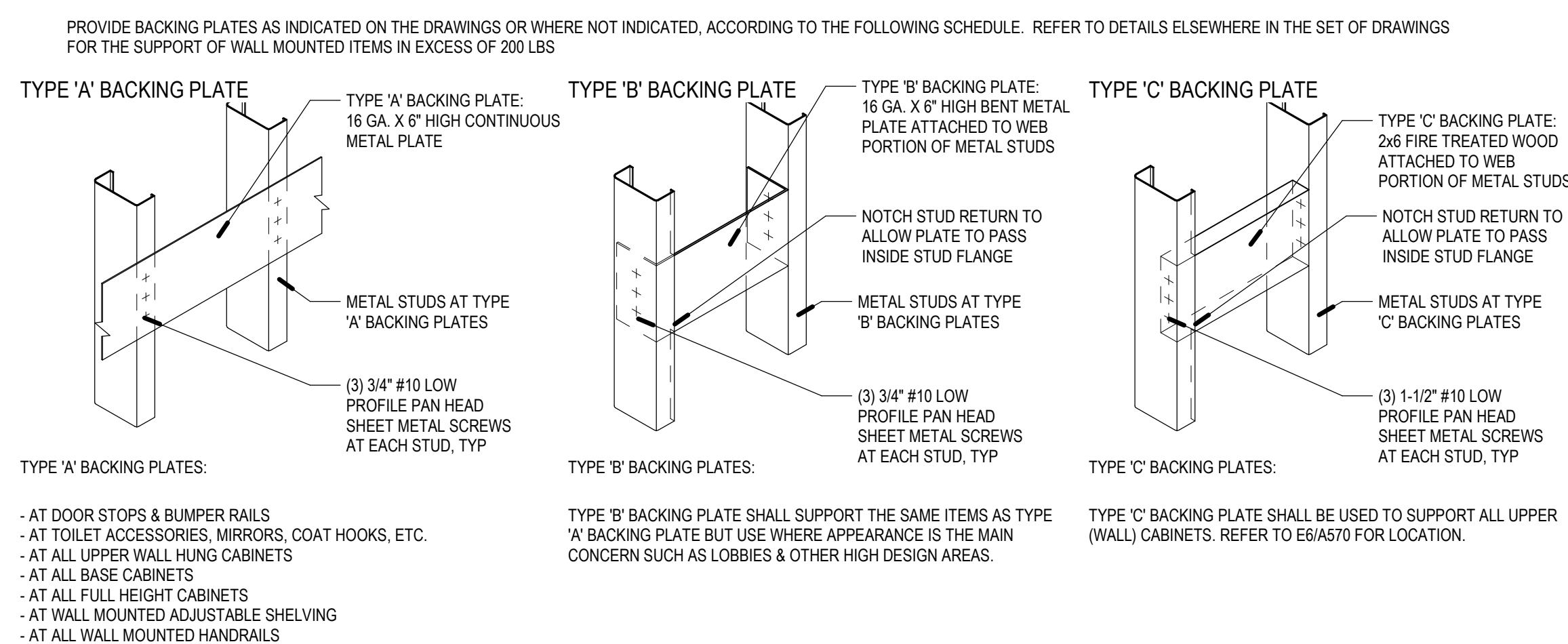
INTERIOR ELEVATIONS

A402

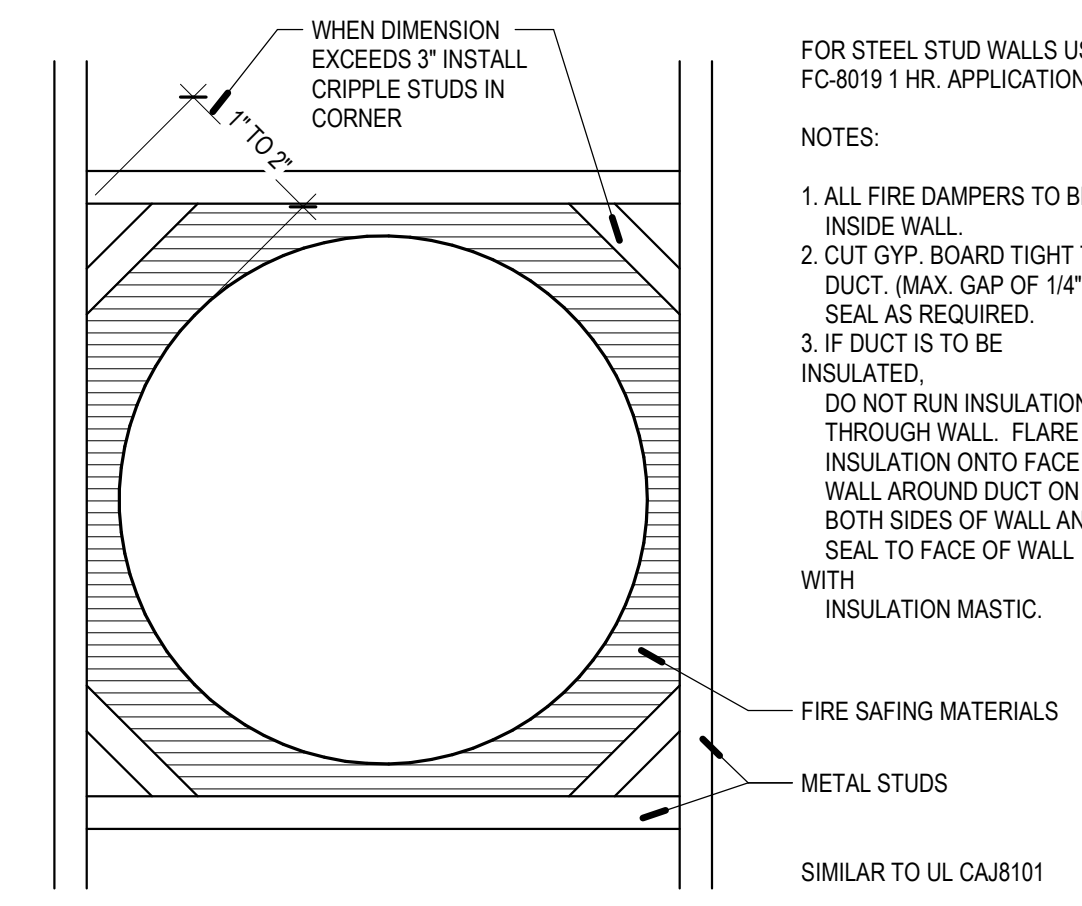
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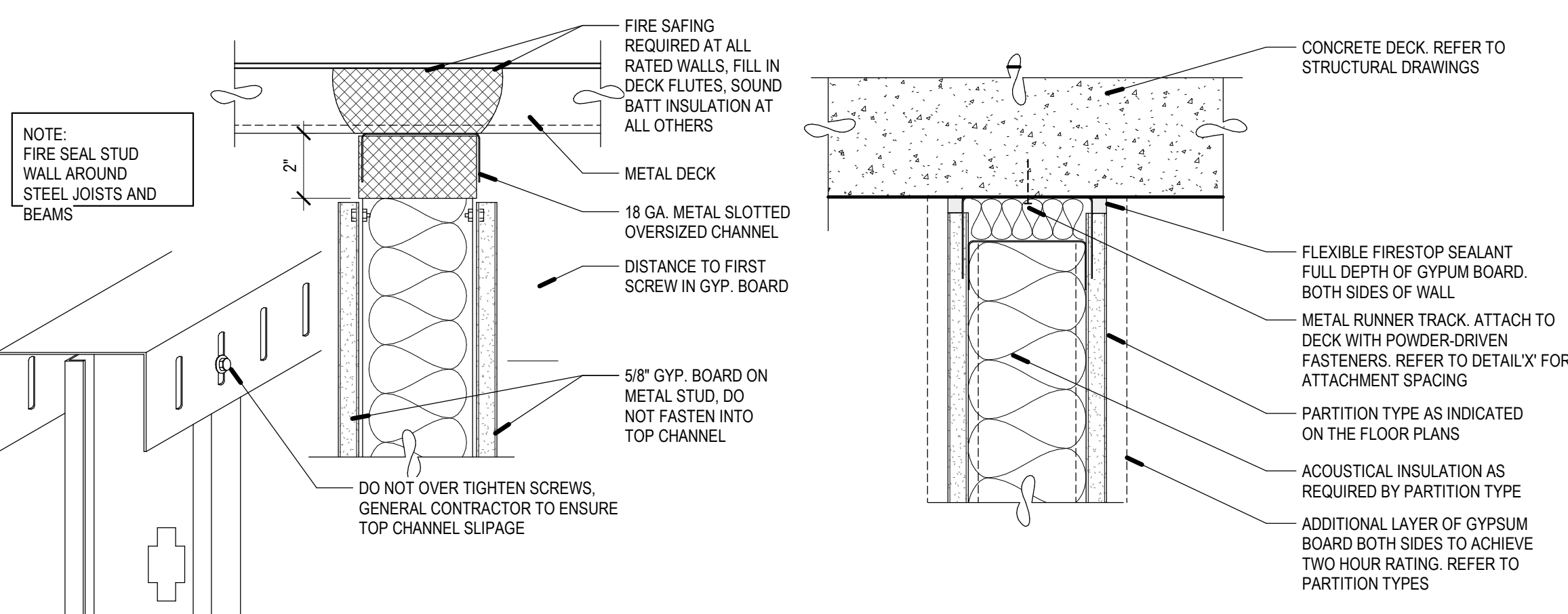
E1 FIRE EXTINGUISHER CABINET - SEMI-RECESSED
SCALE: 1 1/2" = 1'-0"



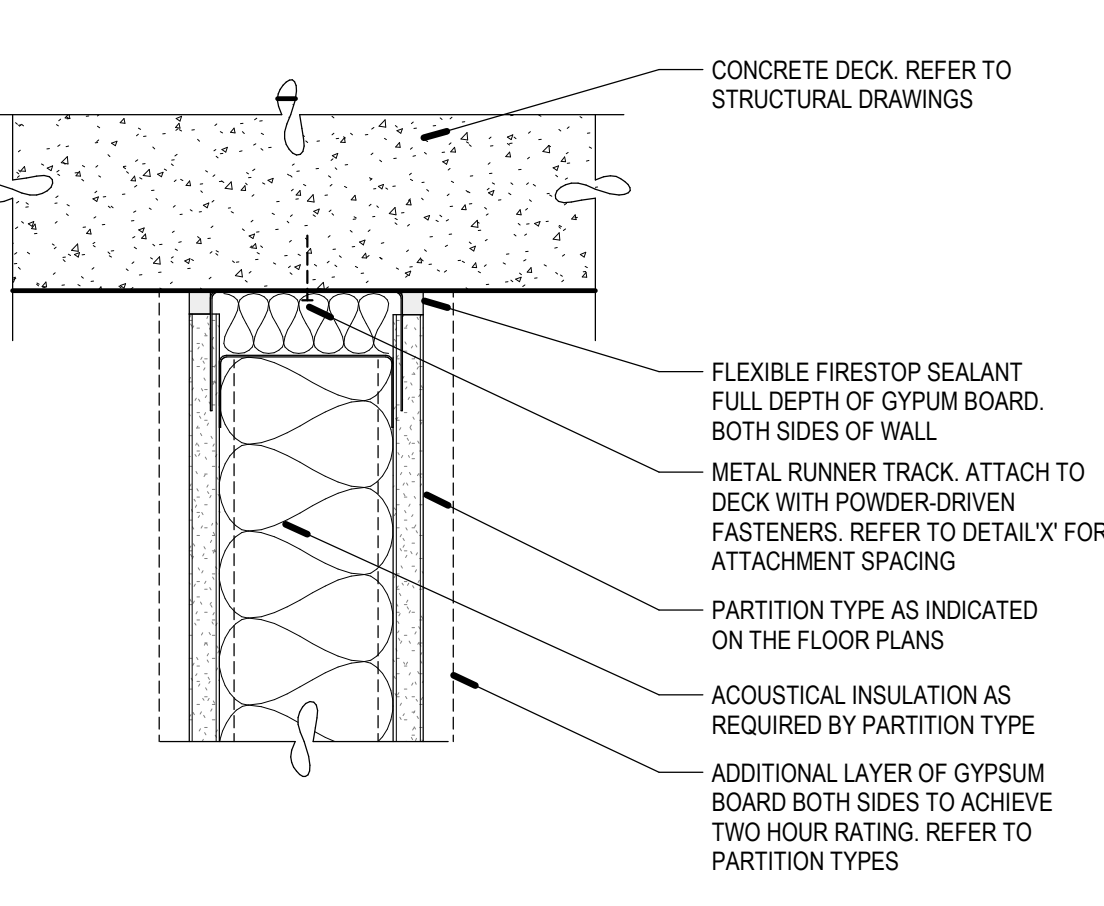
E2 BACKING PLATE SCHEDULE
SCALE: NOT TO SCALE



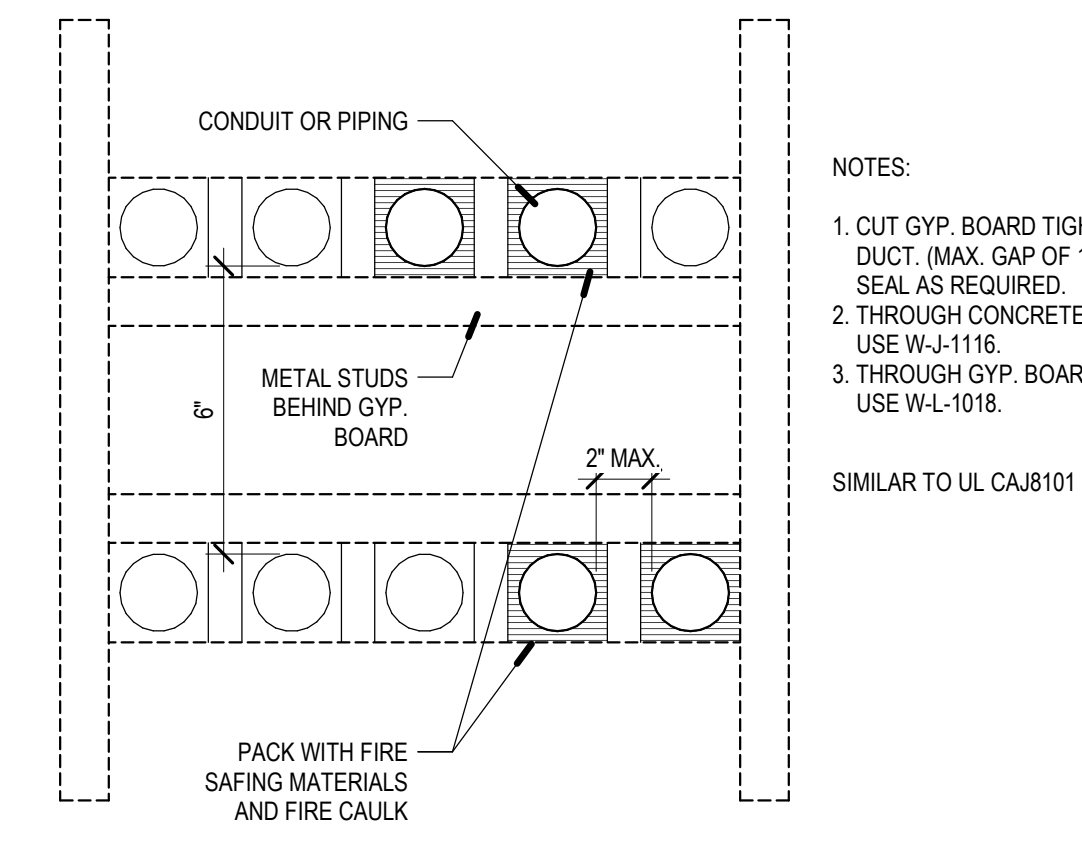
D1 TYP. DUCT OPENING IN RATED WALL
SCALE: NOT TO SCALE



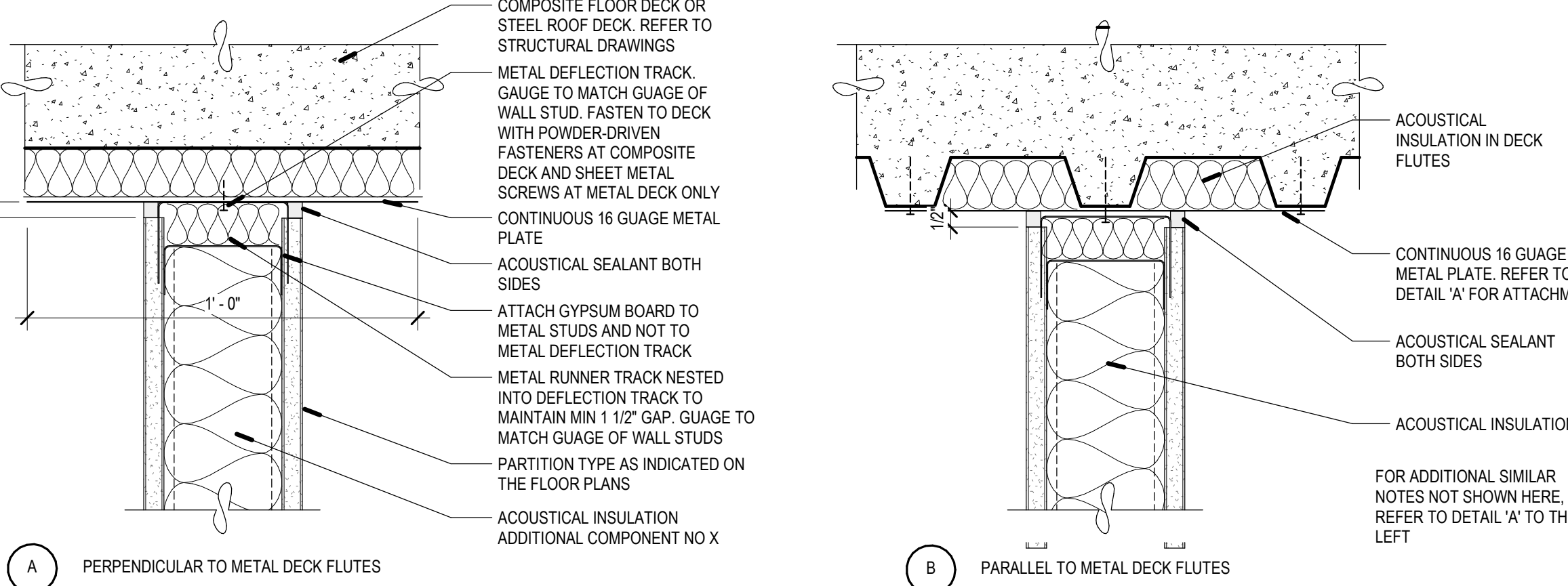
D2 PARTITION SLIP JOINT TYPICAL
SCALE: 3\"/>



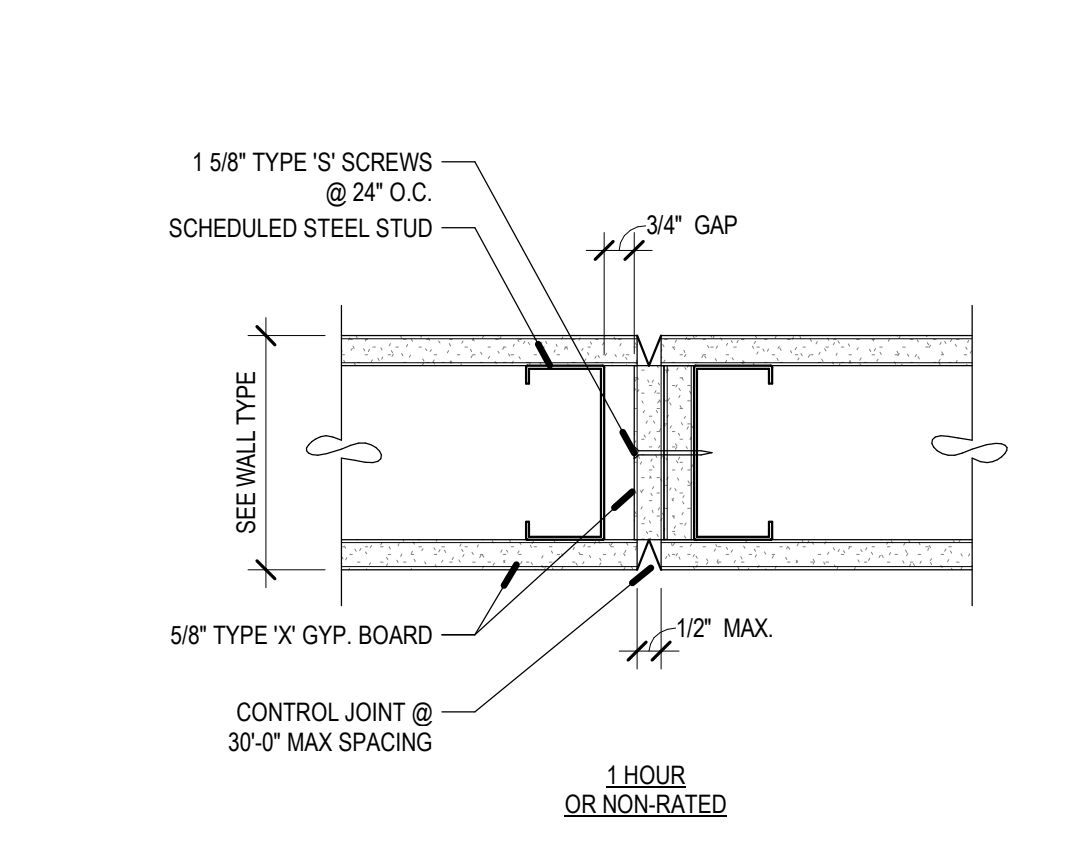
D3 FIRE-RATED PARTITION HEAD DETAIL
SCALE: 3\"/>



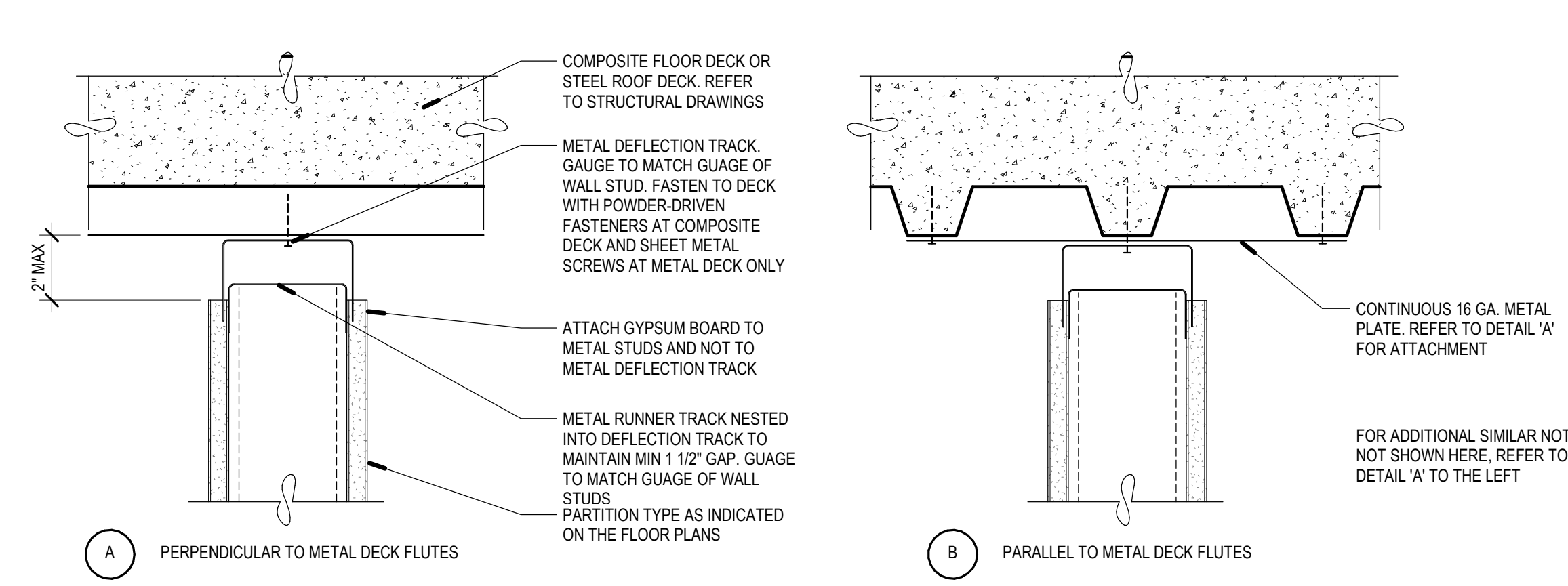
C1 CONDUIT PENETRATION DETAIL
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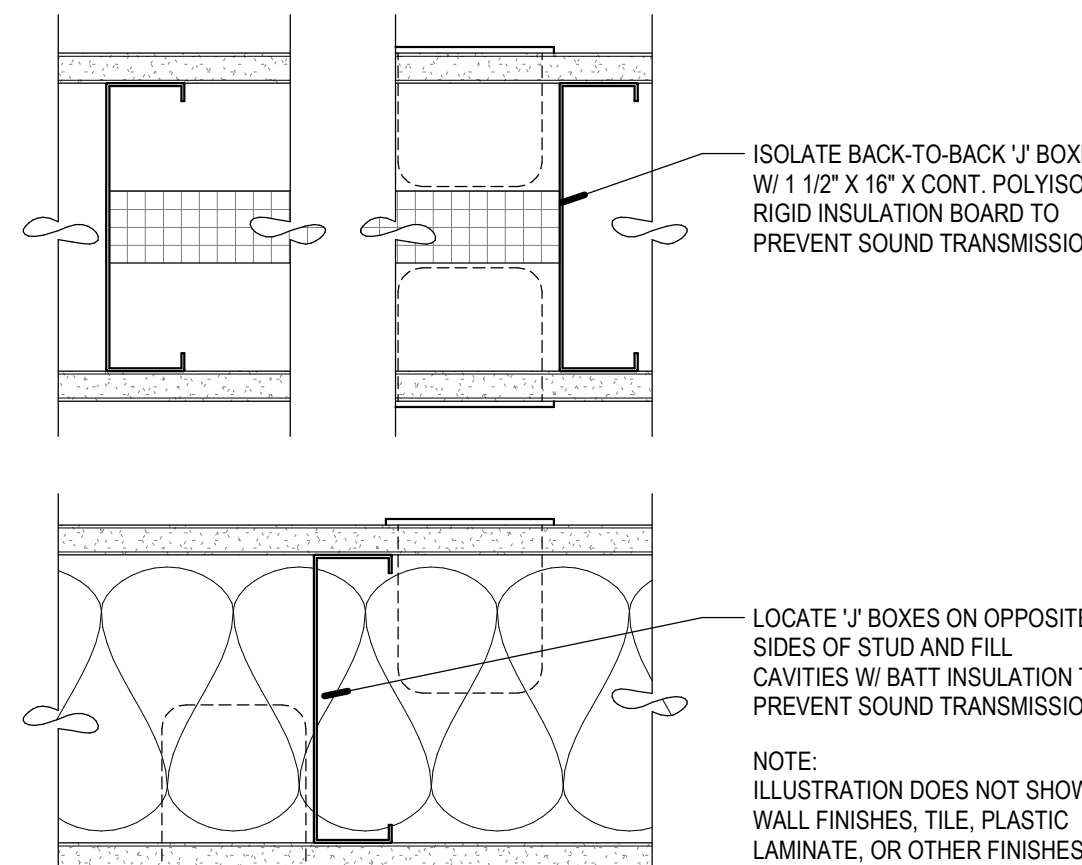
C2 NON-RATED ACOUSTICAL PARTITION HEAD DETAIL
SCALE: 3\"/>



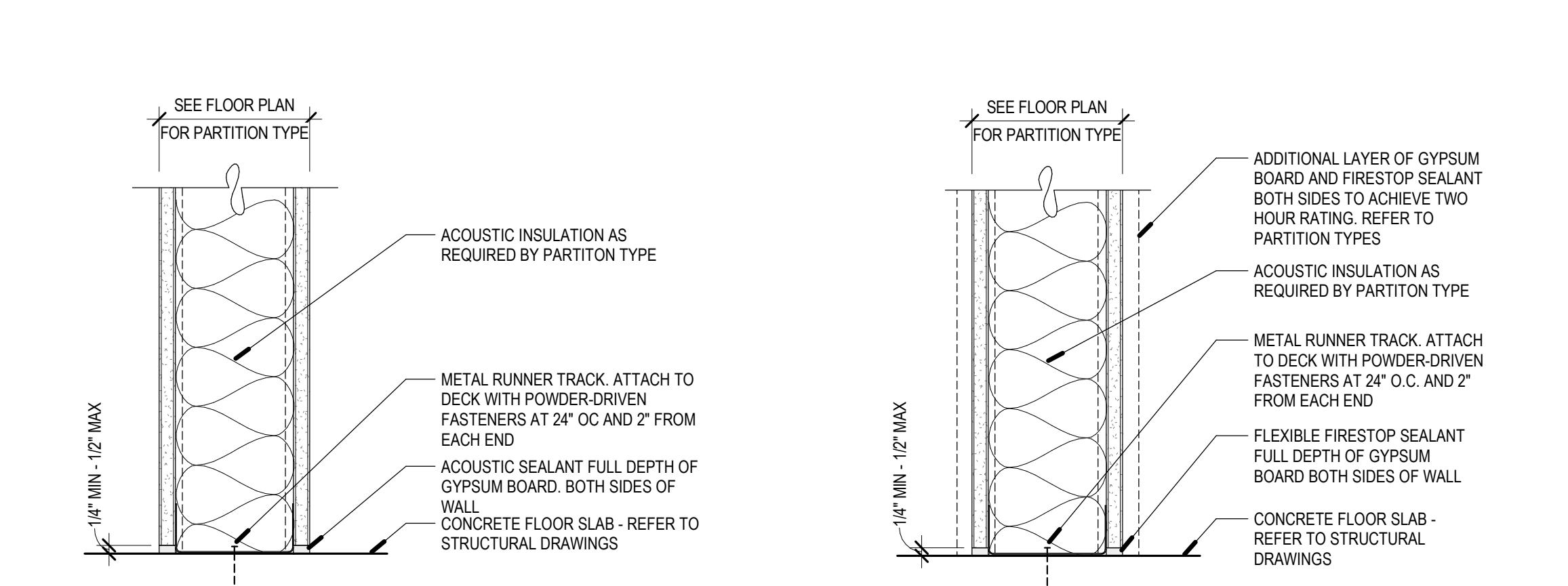
B1 STUD FRAMED CONTROL JOINT
SCALE: 3\"/>



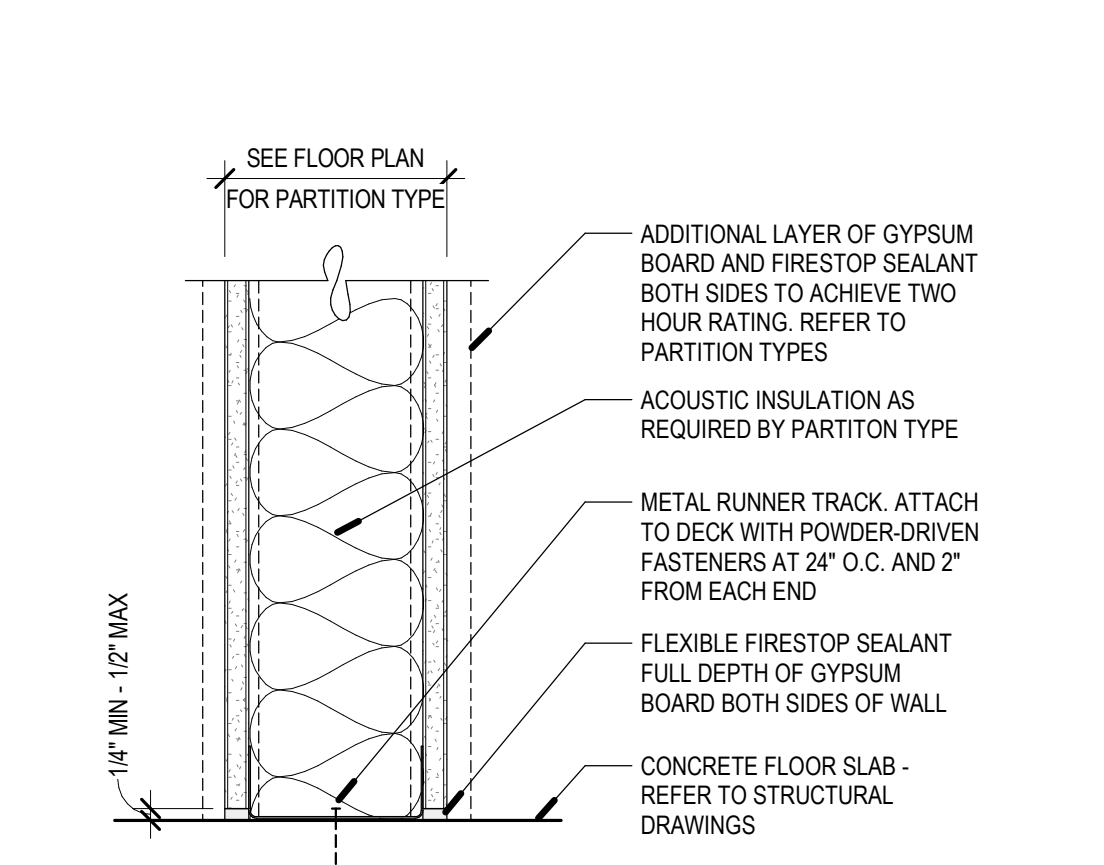
B2 NON-RATED PARTITION HEAD DETAIL
SCALE: 3\"/>



A1 TYPICAL ELECTRICAL DEVICE DETAIL
SCALE: 3\"/>



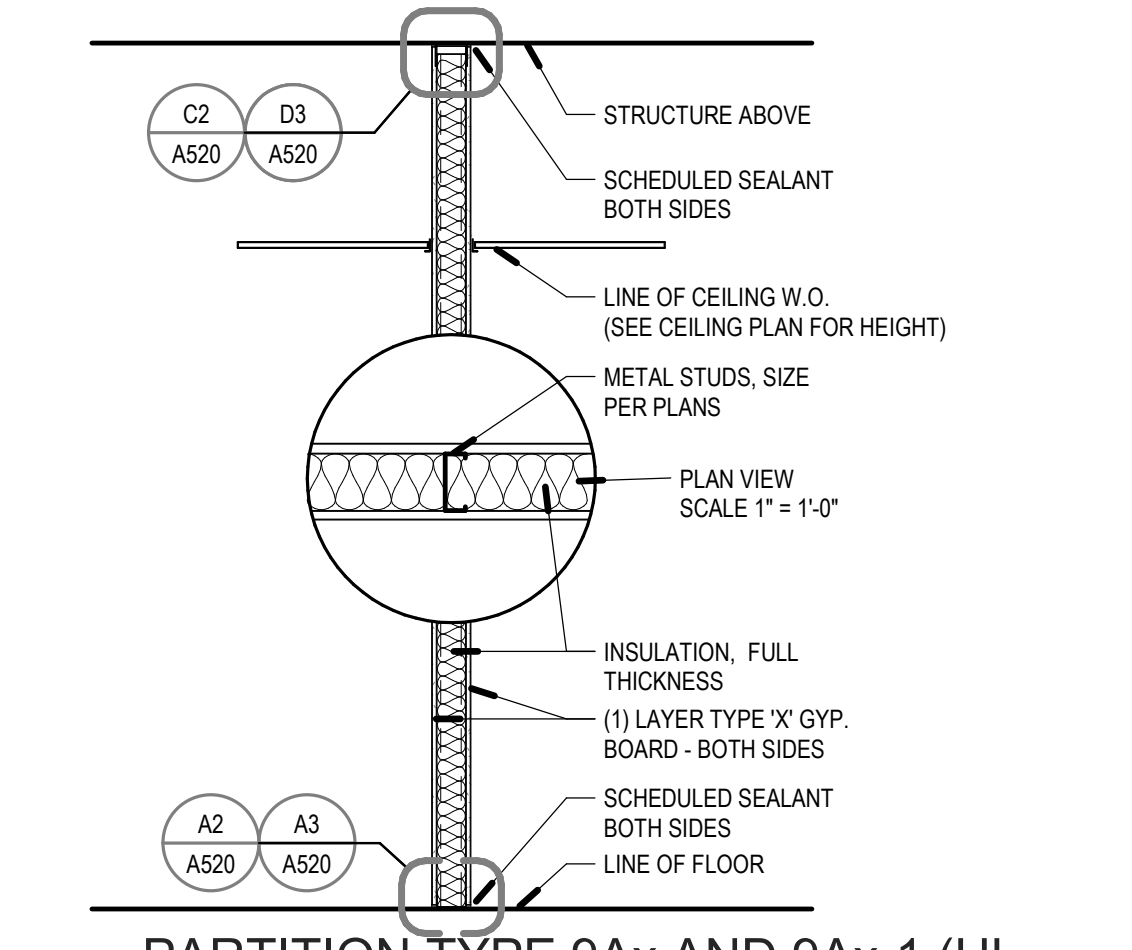
A2 NON-RATED PARTITION BASE DETAIL
SCALE: 3\"/>



A3 FIRE-RATED PARTITION BASE DETAIL
SCALE: 3\"/>



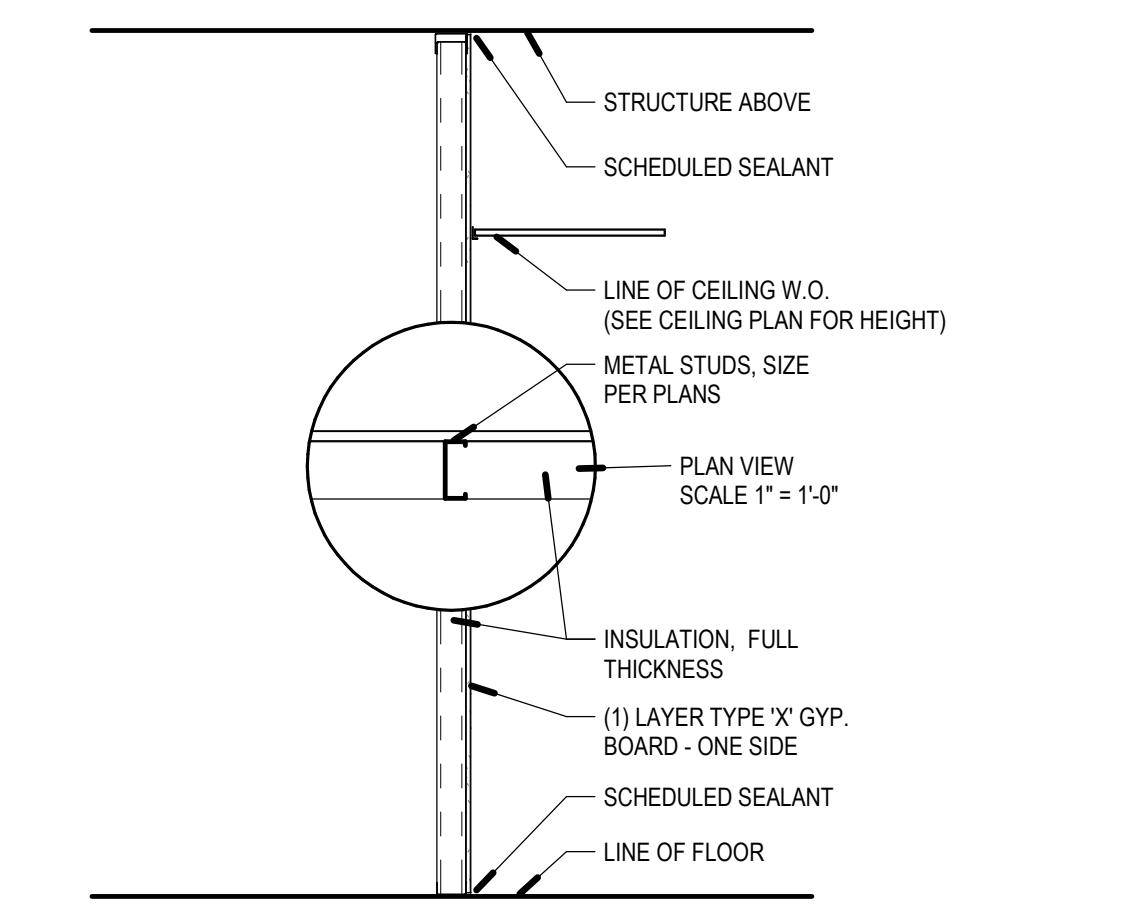
E5 PARTITION TYPE 9Ax AND 9Ax-1 (UL NO. U419)
SCALE: 1/2\"/>



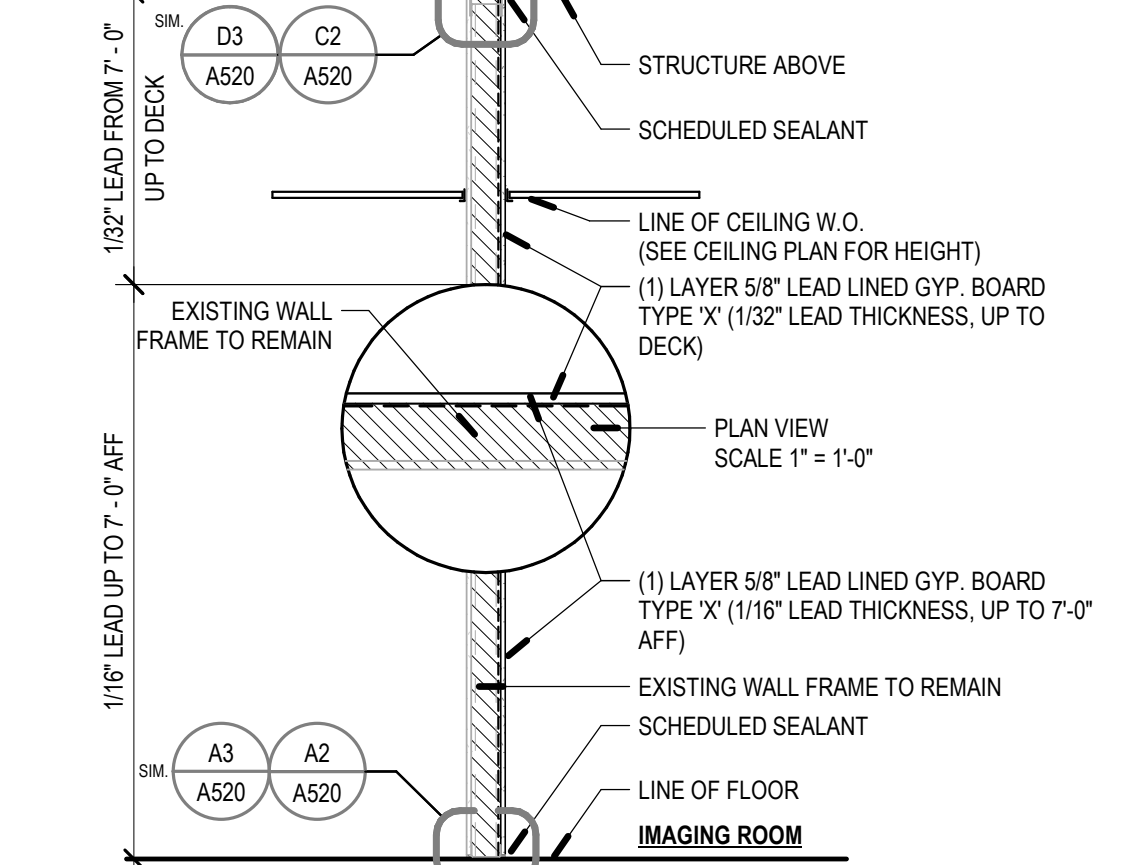
E5 PARTITION TYPE 9Dx
SCALE: 1/2\"/>



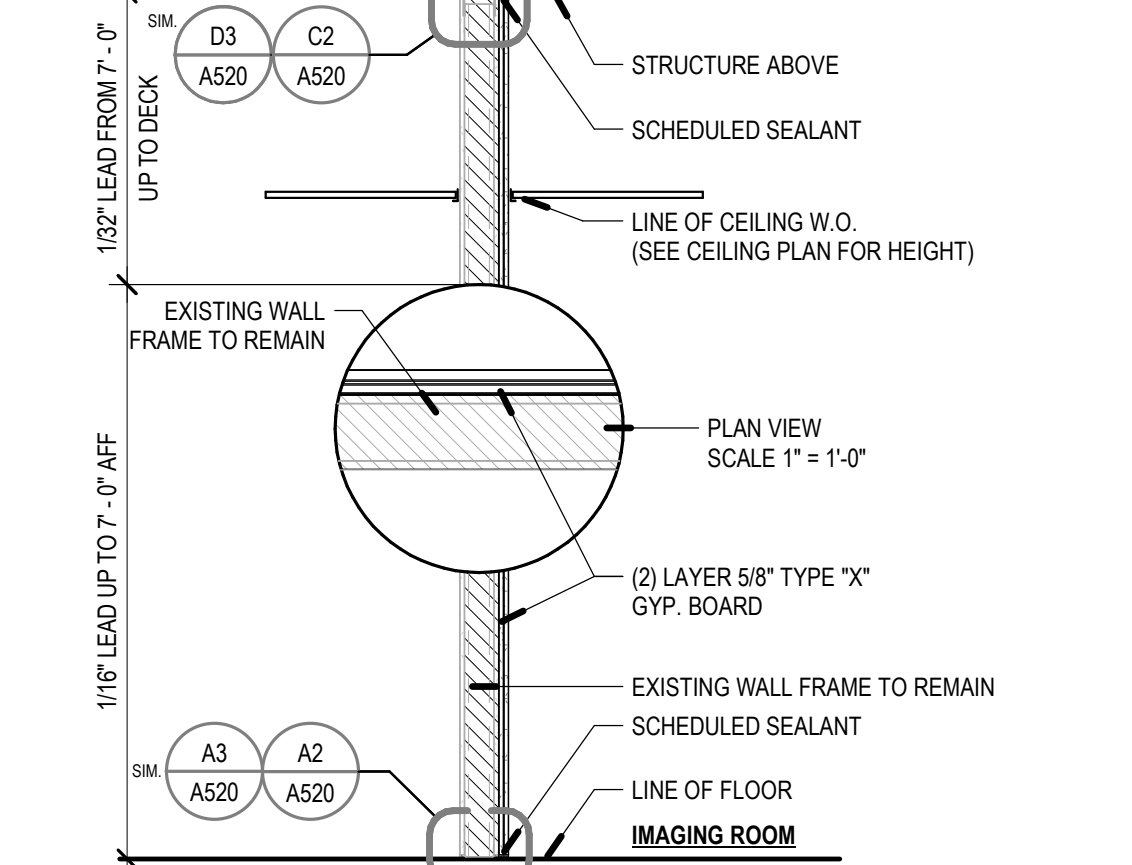
C4 PARTITION TYPE 9K1 - LEAD LINED
SCALE: 1/2\"/>



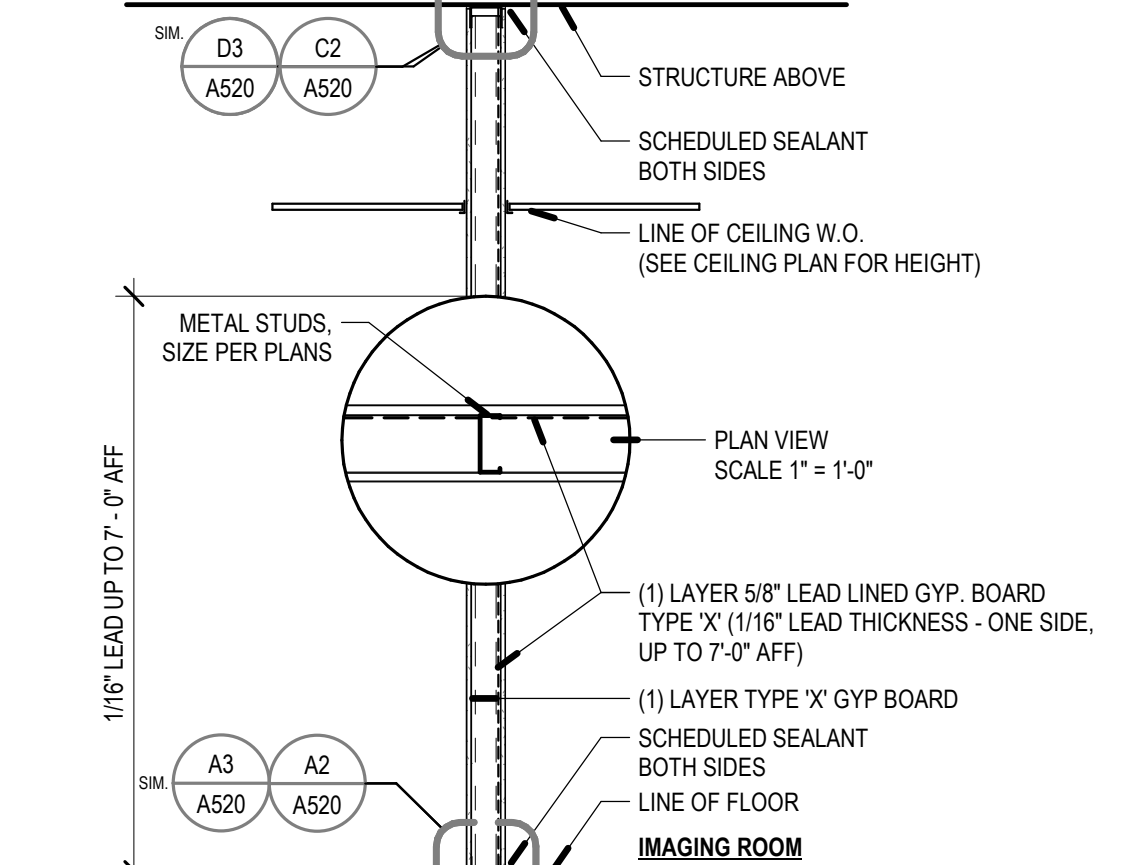
C5 PARTITION TYPE 9K2 - LEAD LINED
SCALE: 1/2\"/>



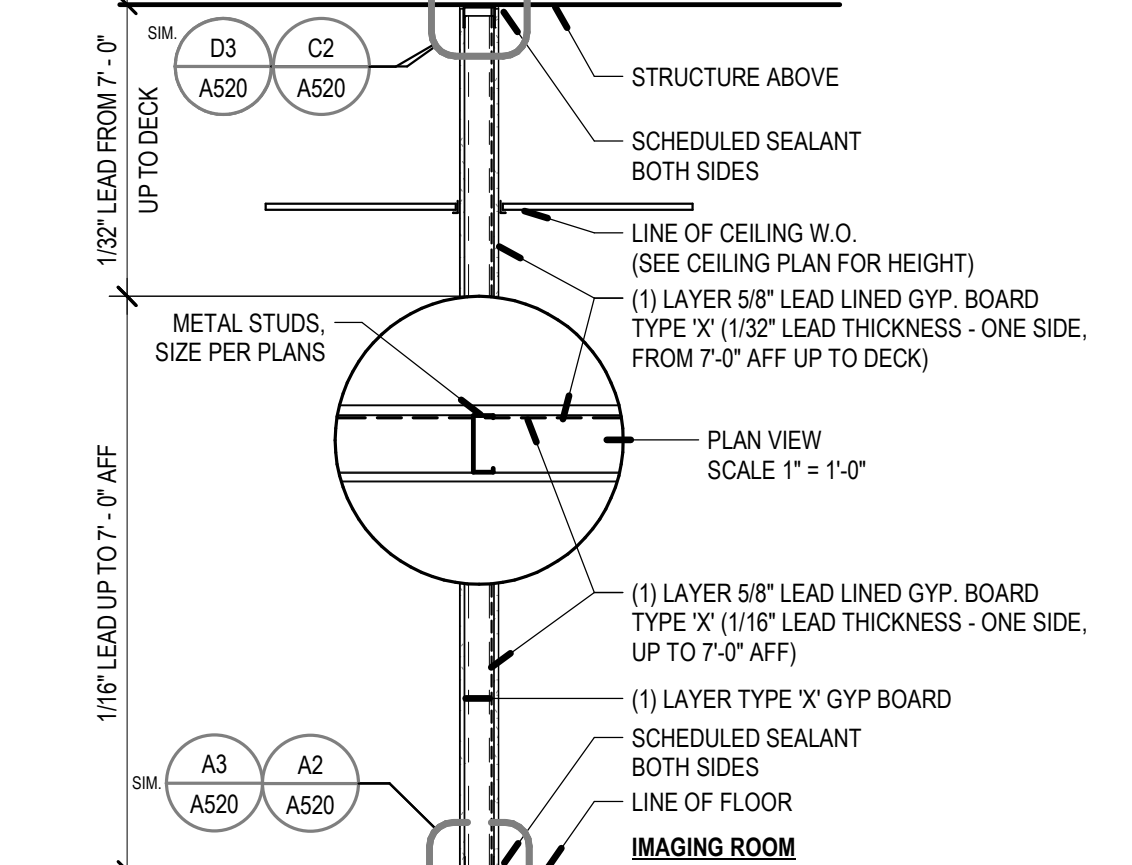
B4 PARTITION TYPE 9Gx AND 9Gx-1 - LEAD LINED
SCALE: 1/2\"/>



B5 PARTITION TYPE 9Jx AND 9Jx-1 - LEAD LINED
SCALE: 1/2\"/>



A4 PARTITION TYPE 9Fx AND 9Fx-1 - LEAD LINED
SCALE: 1/2\"/>



A5 PARTITION TYPE 9Hx AND 9Hx-1 - LEAD LINED
SCALE: 1/2\"/>

PARTITION AND FRAMING GENERAL NOTES

- FRAMED WALL PARTITIONS**
- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE THE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING THE COURSING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
 - WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION ABOVE INTERRUPTION AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
 - THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
 - USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
 - USE 1/2" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF GAGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAGE TESTED. 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED. DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS.
 - PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100s AND FLOOR PLAN DRAWINGS.
 - ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. FACE OF FINISHED WALL BE NOTED AS FOW.
 - AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
 - WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
 - REFER TO SHEET A520 FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
 - PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER UNDESIRABLE LOCATION WHERE POSSIBLE. CONSULT WITH ARCHITECT FRAMEWORK PRIOR TO COMMENCING FRAMING. INSTALL PER DETAILS B2, A520 FOR CONTROL JOINTS.
 - AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE GAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES. MAXIMUM THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER, AND AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
 - CONTRACTOR TO PROVIDE BLOTTING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET A520.
 - WHERE THERE IS LIMITED WATER EXPOSURE: INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
 - WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS
 - AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - INSTALL ONE LAYER OF 5/8" GLASS MATEL TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS:
 - AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
 - WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
 - AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.
 - SEE DETAIL E2 ON SHEET A520 FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS.

KEY FOR PARTITION TYPES

KEY FOR PARTITION TYPES

--- DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION)

--- WALL

3X 0 SERIES	CONCRETE
4X 0 SERIES	MASONRY
5X 0 SERIES	COLD FORMED METAL STUDS, 16ga MIN.
9X 0 SERIES	METAL STUDS

NOMINAL SIZES: V = VARIABLE/MATCH/EXISTING

1 = 1 5/8" STUDS
2 = 2 1/2" STUDS
3 = 3 3/8" STUDS
4 = 4" STUDS / 4" (NOM.) C.M.U.
6 = 6" STUDS / 6" (NOM.) C.M.U.
8 = 8" STUDS / 8" (NOM.) C.M.U.
10 = 10" (NOM.) C.M.U. OR CONC.
12 = 12" (NOM.) C.M.U. OR CONC.

EXAMPLE: WALL TYPE 9A3 IS A 3 3/8" METAL STUD WITH 5/8" GYPSUM BOARD ON BOTH SIDES.

NOTE: SEE GENERAL NOTES BELOW FOR ADDITIONAL ELEMENTS IN THE INDIVIDUAL WALL TYPES AND SPECIFIC DETAILS, INCLUDING UL RATINGS.

RATED WALL LEGEND

RATED WALL LEGEND

---	1 HOUR SEPARATION	EXAMPLE: WALL TYPE 9A3-1 IS A ONE HOUR RATED, 3 3/8" METAL STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS.
---	2 HOUR SEPARATION	

90X-R SERIES

--- FIRE RATING (ONLY WHEN NOTED):

1 = 1 HOUR RATED ASSEMBLY
2 = 2 HOUR RATED ASSEMBLY
3 = 3 HOUR RATED ASSEMBLY

NON-BEARING METAL HEADER SCHEDULE

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

NON-BEARING METAL STUD GAUGE SIZING

NON-BEARING METAL STUD GAUGE SIZING

MEMBER DEPTH IN 1/100 INCHES

FLANGE WIDTH IN 1/100 INCHES

400S137-43

STYLE (S=STUD OR JOIST)

MATERIAL THICKNESS IN MILS.

MEMBER DEPTH	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20@16" O.C.
3 5/8" (362S125-33)	14'-0"	20@16" O.C.
3 5/8" (362S162-33)	16'-0"	20@16" O.C.
3 5/8" (362S162-43)	18'-0"	18@16" O.C.
6" (600S162-43)	24'-0"	20@16" O.C.
6" (600S162-43)	26'-0"	18@16" O.C.
6" (600S162-44-50K5S)	28'-0"	16@16" O.C.

METAL STUD NOTES:

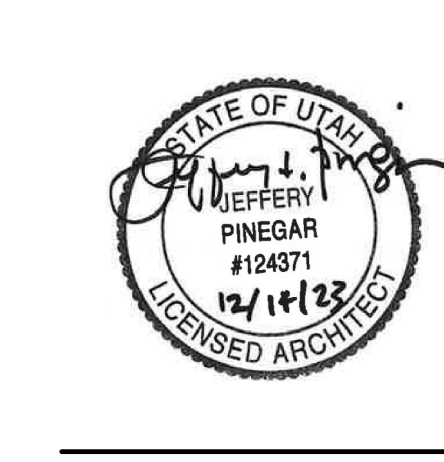
- STEEL STUDS SHALL MEET ICC REPORT ER-4943P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
- SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
- AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.
- PLEASE NOTE THAT DUE TO THE LARGE FLOOR TO FLOOR HEIGHT 18 GAUGE STUDS WILL BE NECESSARY IN MOST INTERIOR NON LOAD BEARING WALLS. REFER TO THE CHART ABOVE.

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST., #113
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM
VCBO NUMBER: 22545
CLIENT NUMBER:
DATE: 12-08-2023



REV. DATE. DESCRIPTION

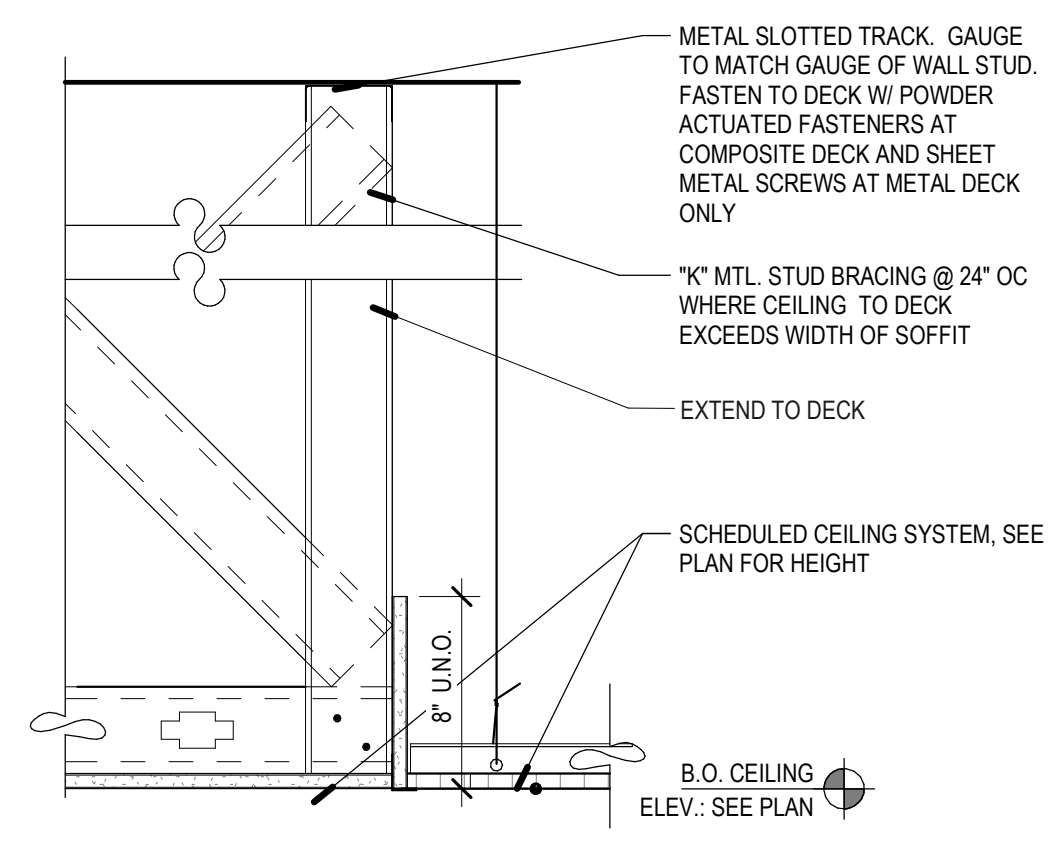
**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**

900 ROUND VALLEY DR., PARK CITY, UT 84000

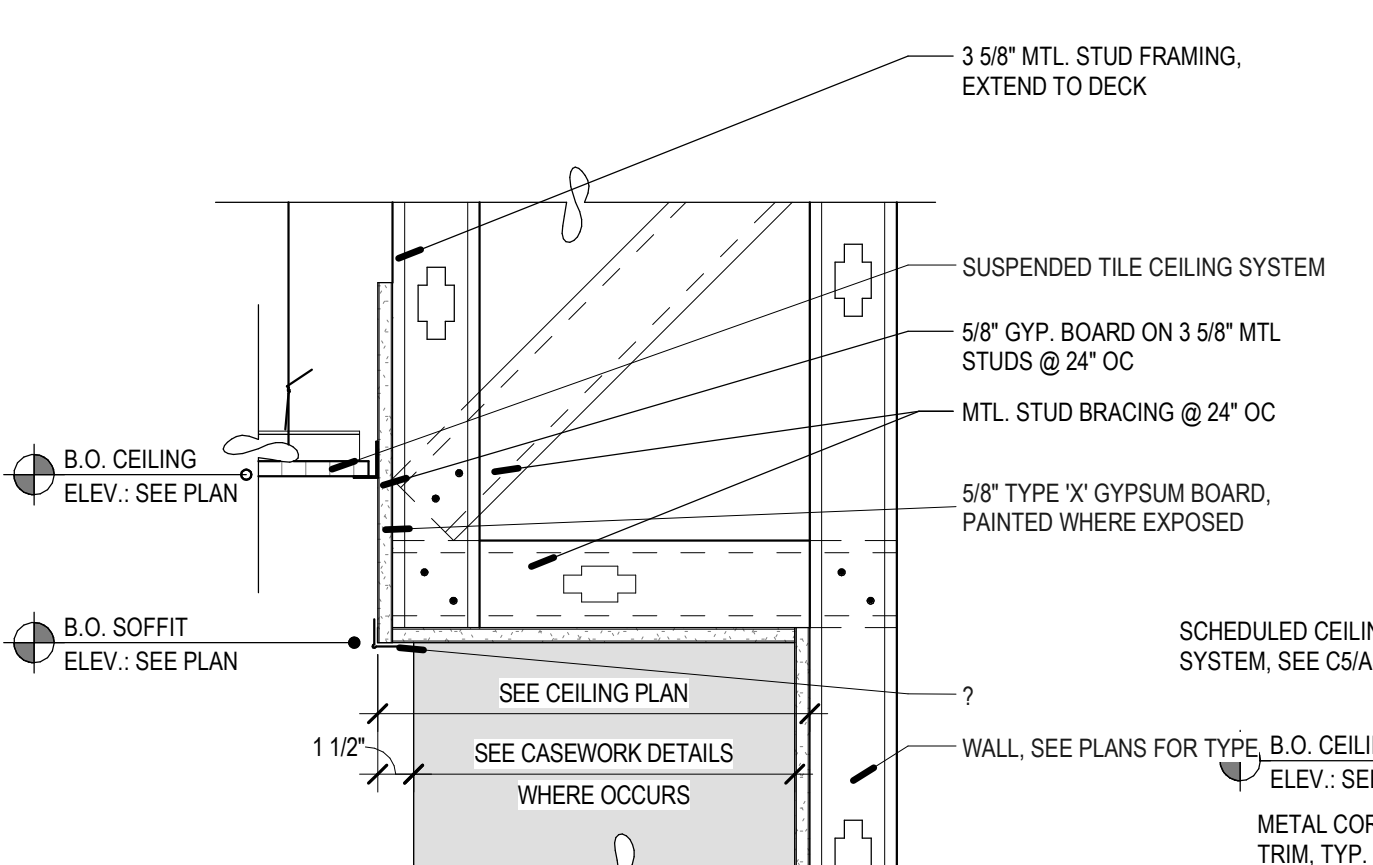
CONSTRUCTION DOCUMENTS

TYPICAL INTERIOR FRAMING DETAILS

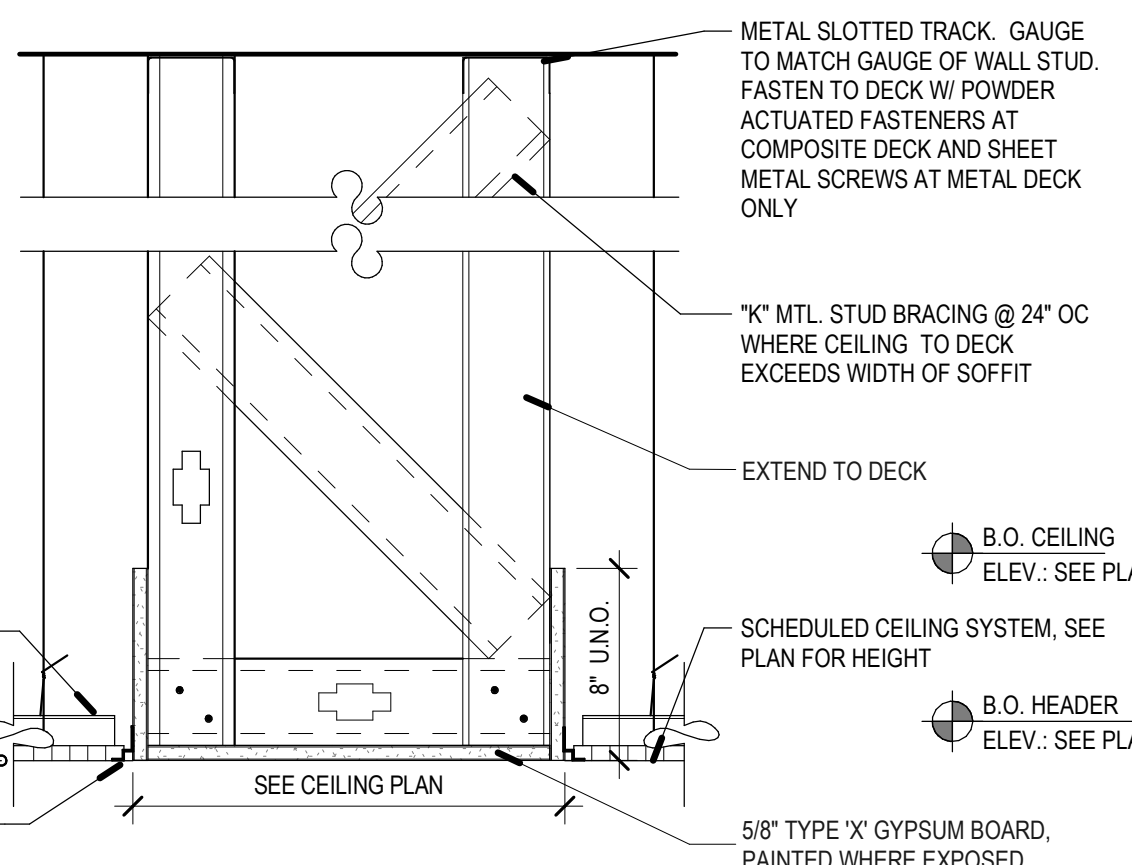
A520



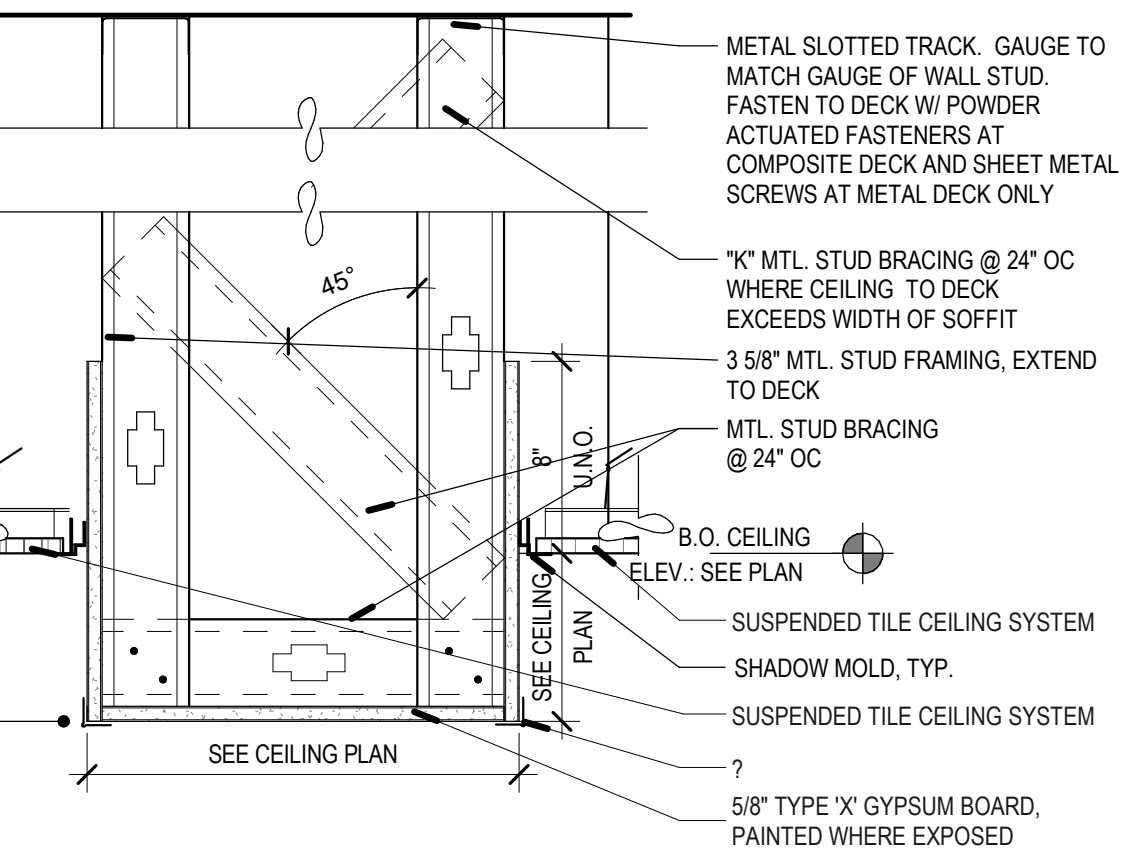
E3 TYP FLUSH CEILING TRANSITION
SCALE: 1 1/2" = 1'-0"



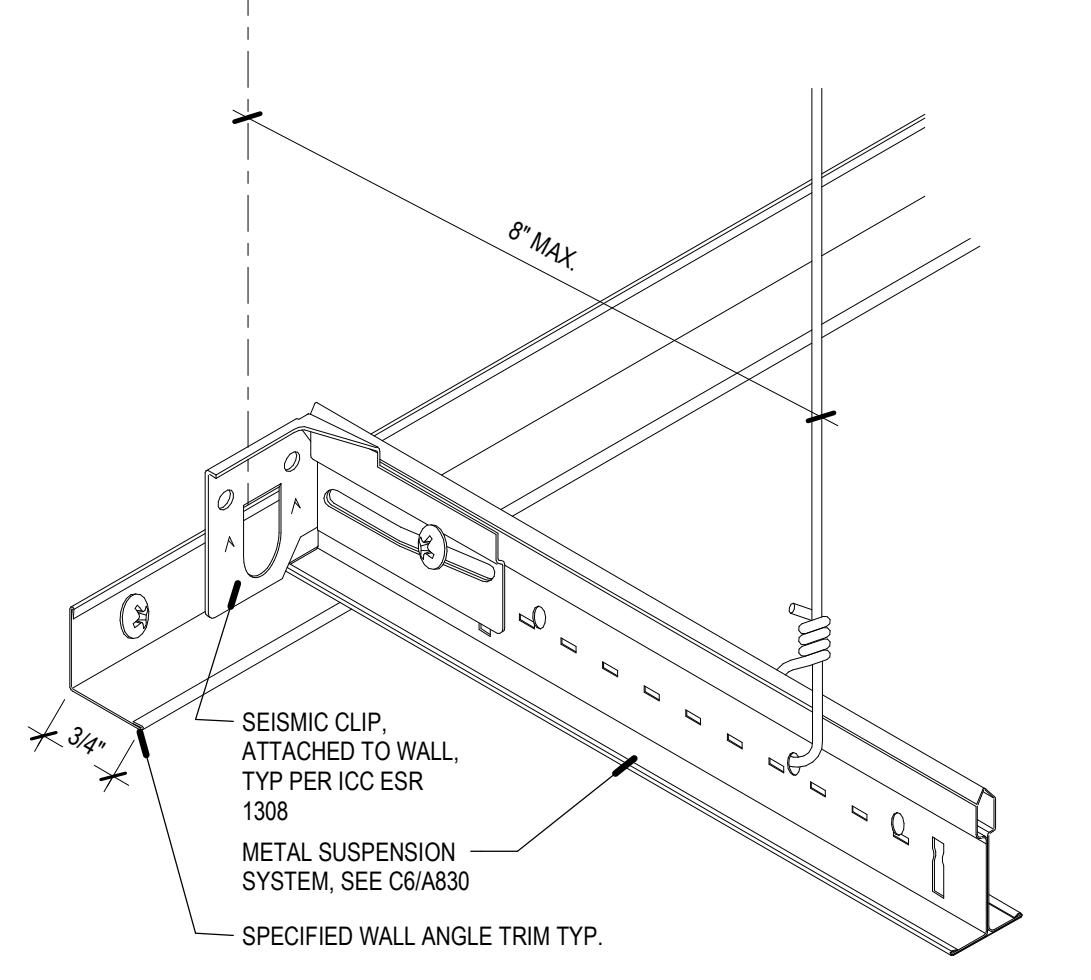
E4 TYP SOFFIT @ WALL
SCALE: 1 1/2" = 1'-0"



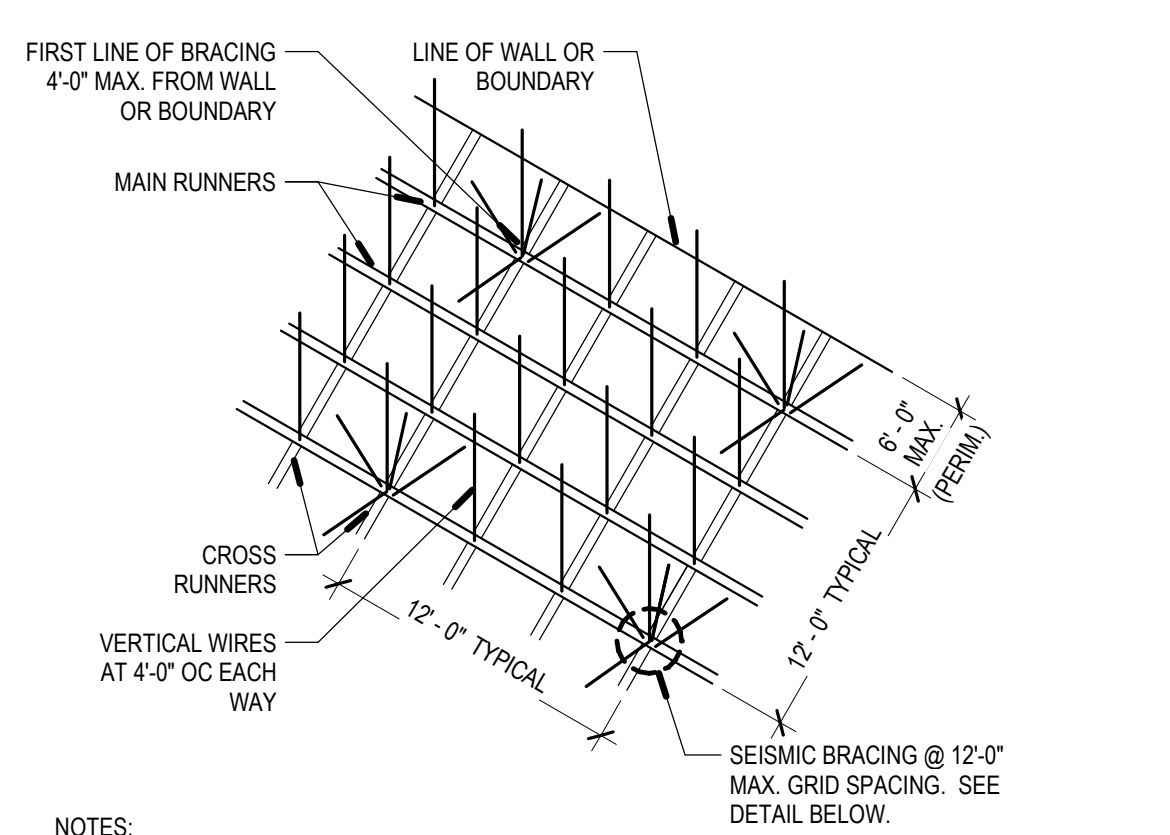
E5 TYP FRAMED FLUSH SOFFIT
SCALE: 1 1/2" = 1'-0"



E6 TYP SOFFIT
SCALE: 1 1/2" = 1'-0"



C5 TYP SUSPENDED CEILING
SCALE: 6" = 1'-0"

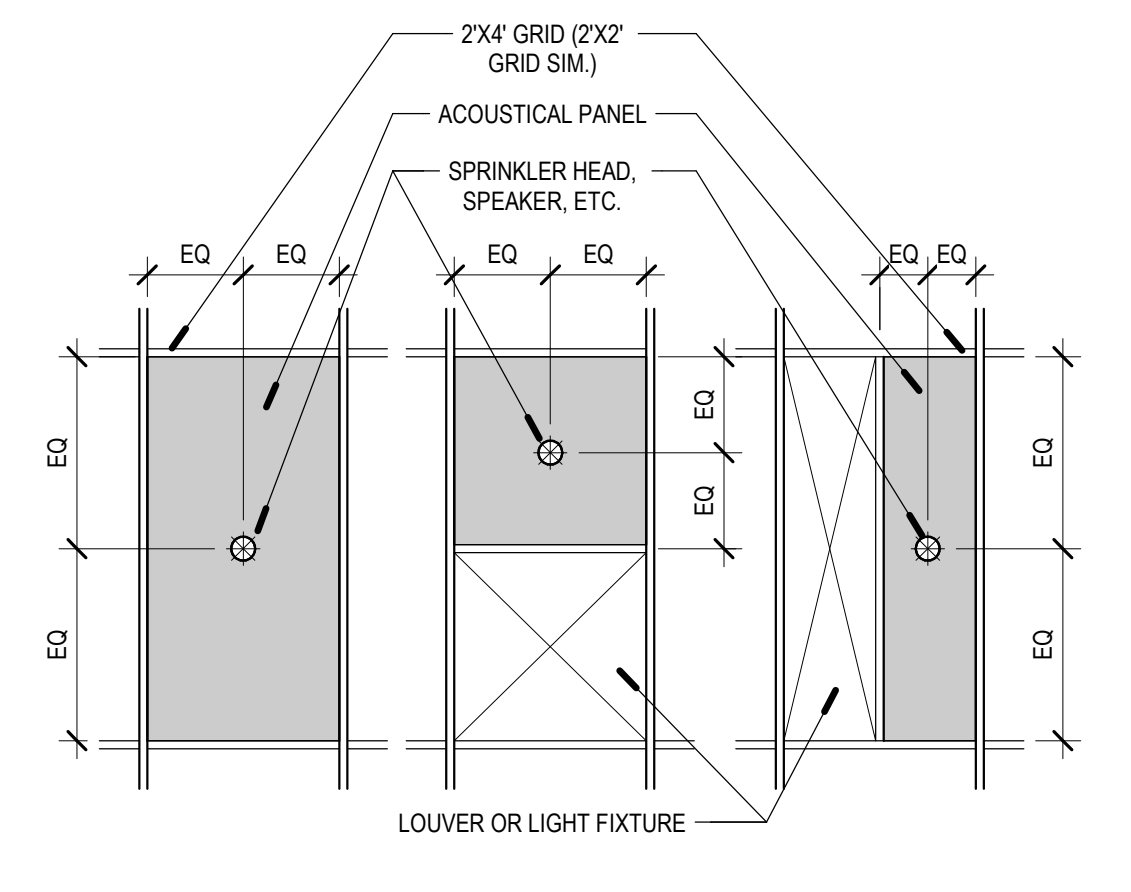


NOTES:

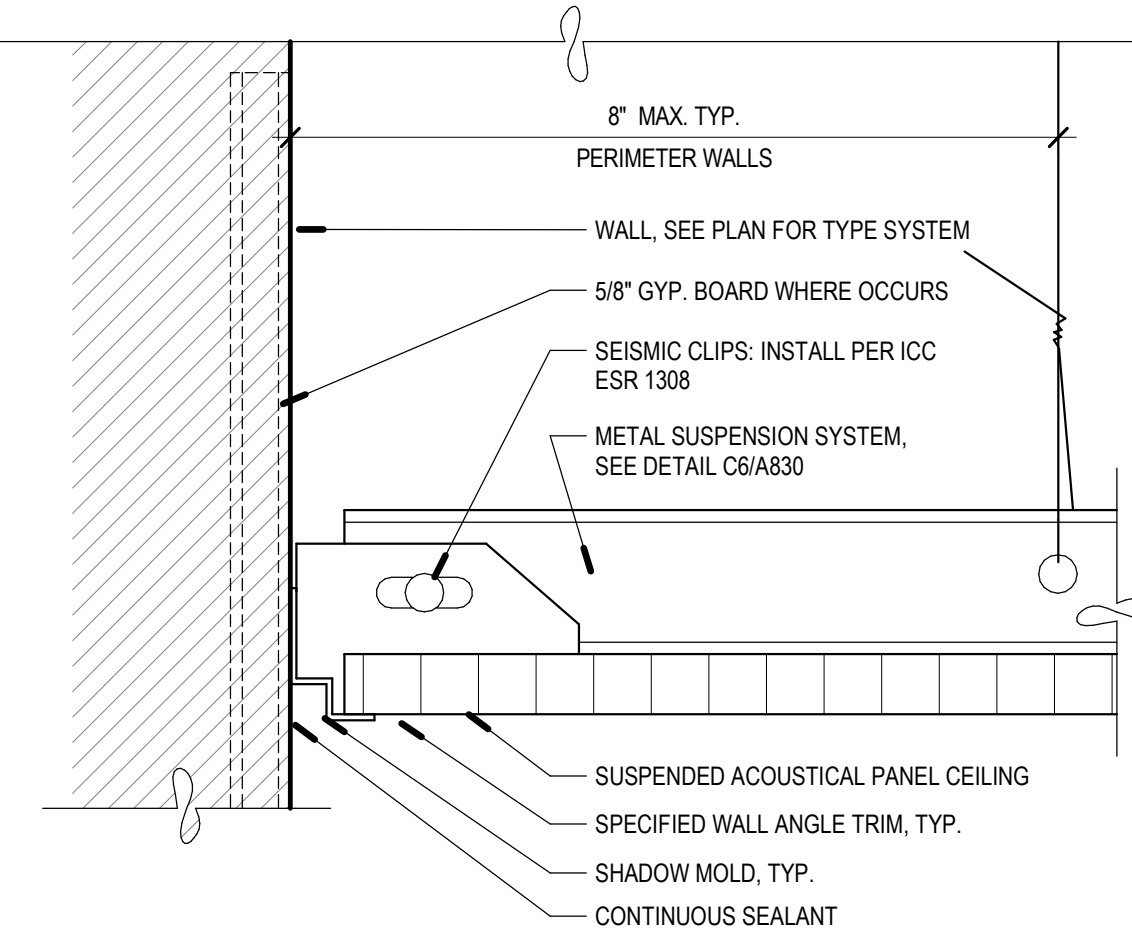
- ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
- ALL SPLAY WIRES TO BE TAUT AND TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN
- AREAS SMALLER THAN 144 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE ABOVE TO COUNTERACT UPLIFTING FORCES OF SPLAYED WIRES
- COMPRESSIVE STRUTS REQUIRED @ 12'-0" OC
- ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING AND TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK)
- WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR
- PROVIDE 7/8" WIDE PERIMETER WALL MOLDING AT ALL WALLS
- ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1204-05, AND ICC ESR-1308

PROVIDE COMPRESSION STRUT OF CONTINUOUS LENGTH OF 3/4" X 1/2" BRACE ATTACHED TO MAIN RUNNER AND TO STRUCTURE ABOVE TO COUNTERACT UPLIFTING FORCES OF SPLAYED WIRES

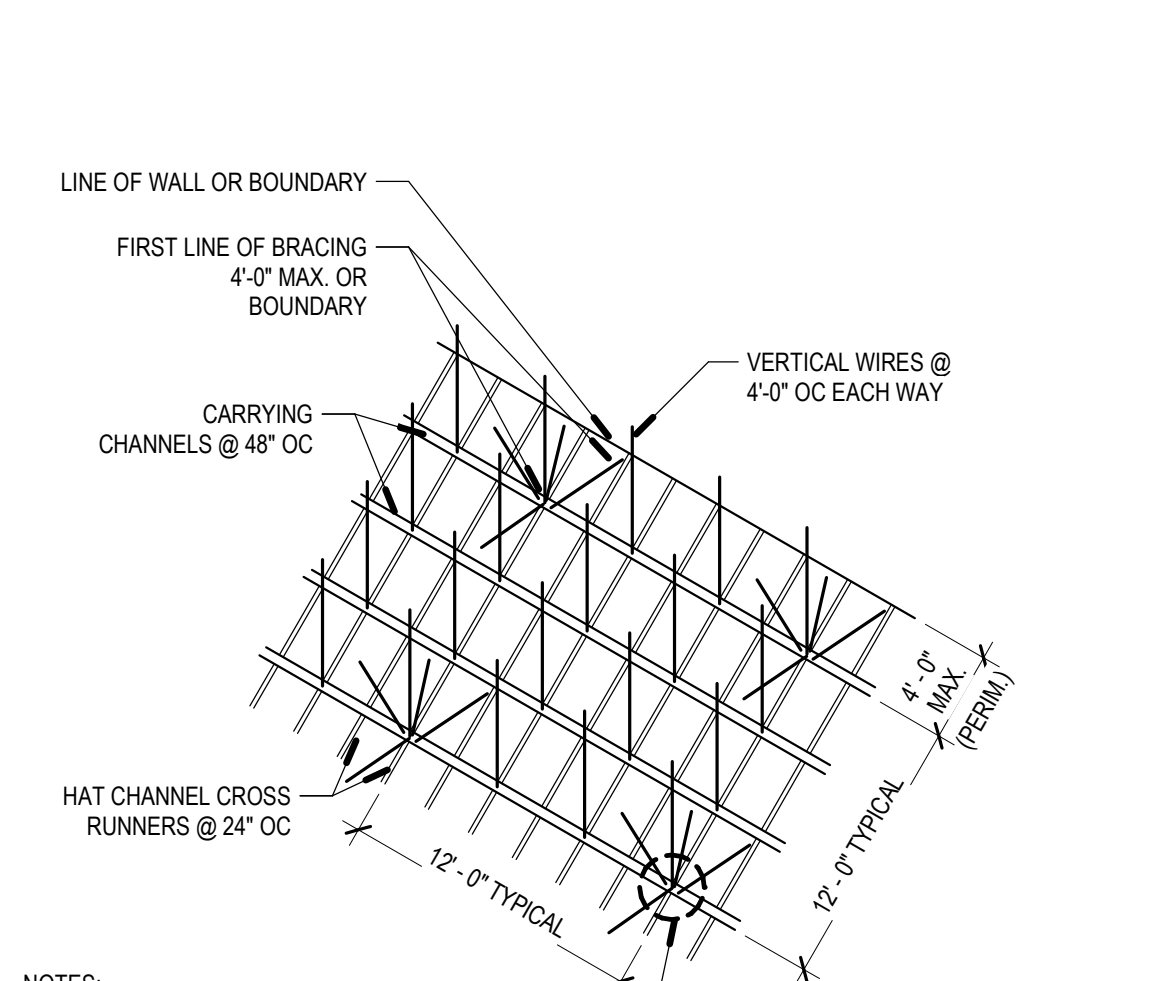
C6 BRACING & SEISMIC
SCALE: NOT TO SCALE



C4 TYP CEILING TILE PENETRATION
SCALE: 1/2" = 1'-0"



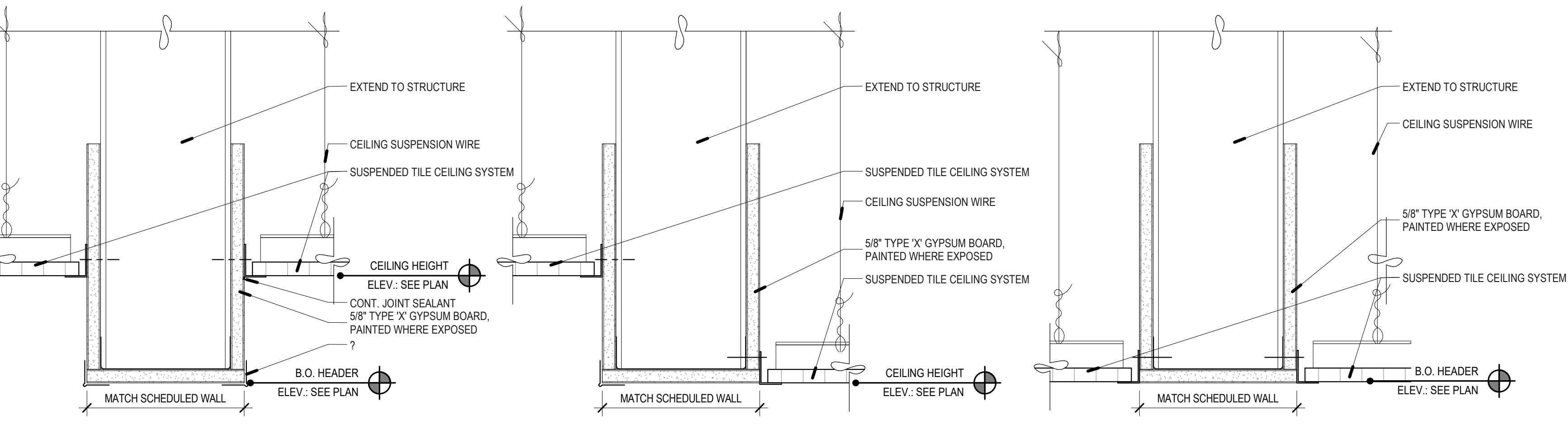
C5 TYP SUSPENDED CEILING
SCALE: 6" = 1'-0"



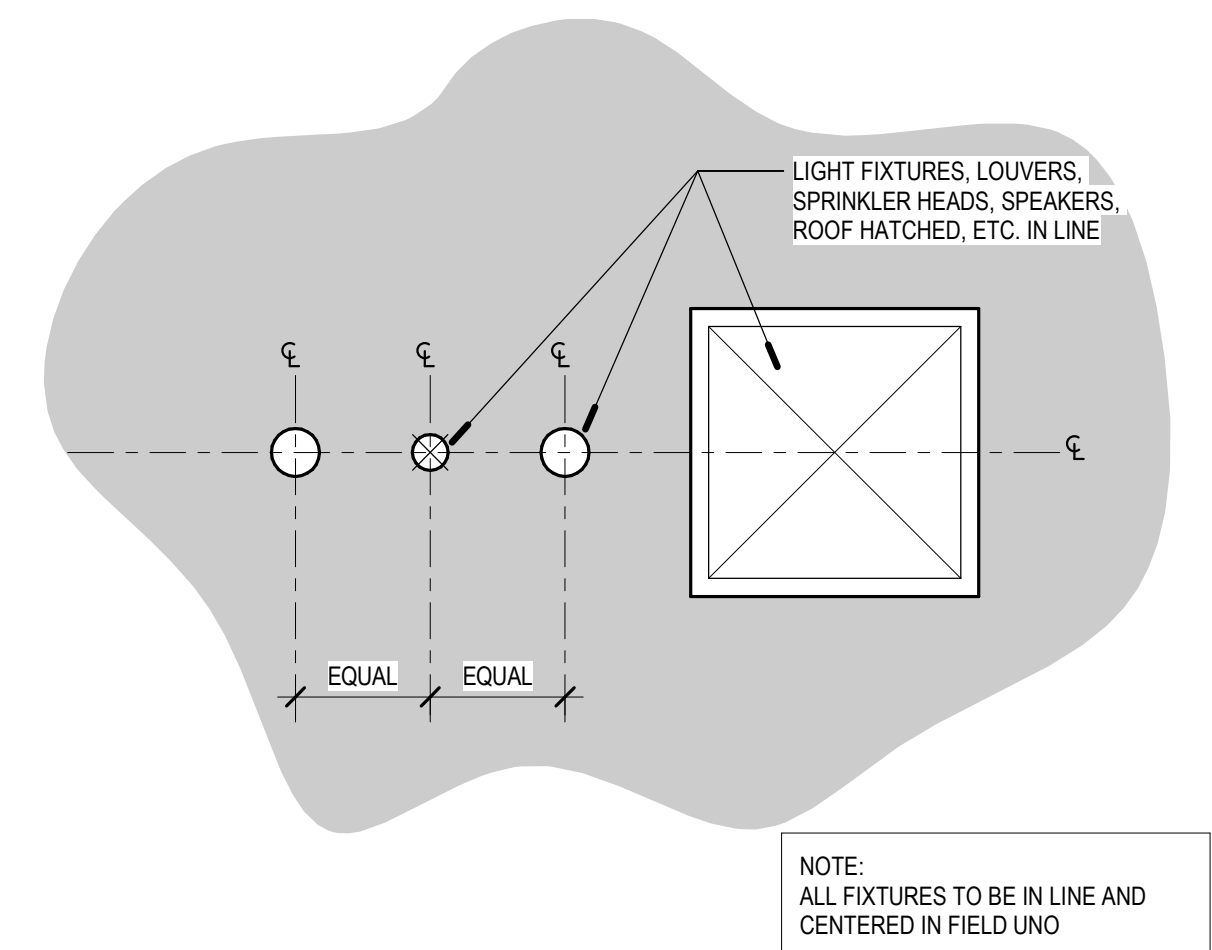
NOTES:

- ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
- ALL SPLAY WIRES TO BE TAUT AND TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN
- AREAS SMALLER THAN 144 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE ABOVE TO COUNTERACT UPLIFTING FORCES OF SPLAYED WIRES
- COMPRESSIVE STRUTS REQUIRED @ 12'-0" OC
- ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING AND TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK)
- WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR
- PROVIDE 7/8" WIDE PERIMETER WALL MOLDING AT ALL WALLS
- ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1204-05, AND ICC ESR-1308

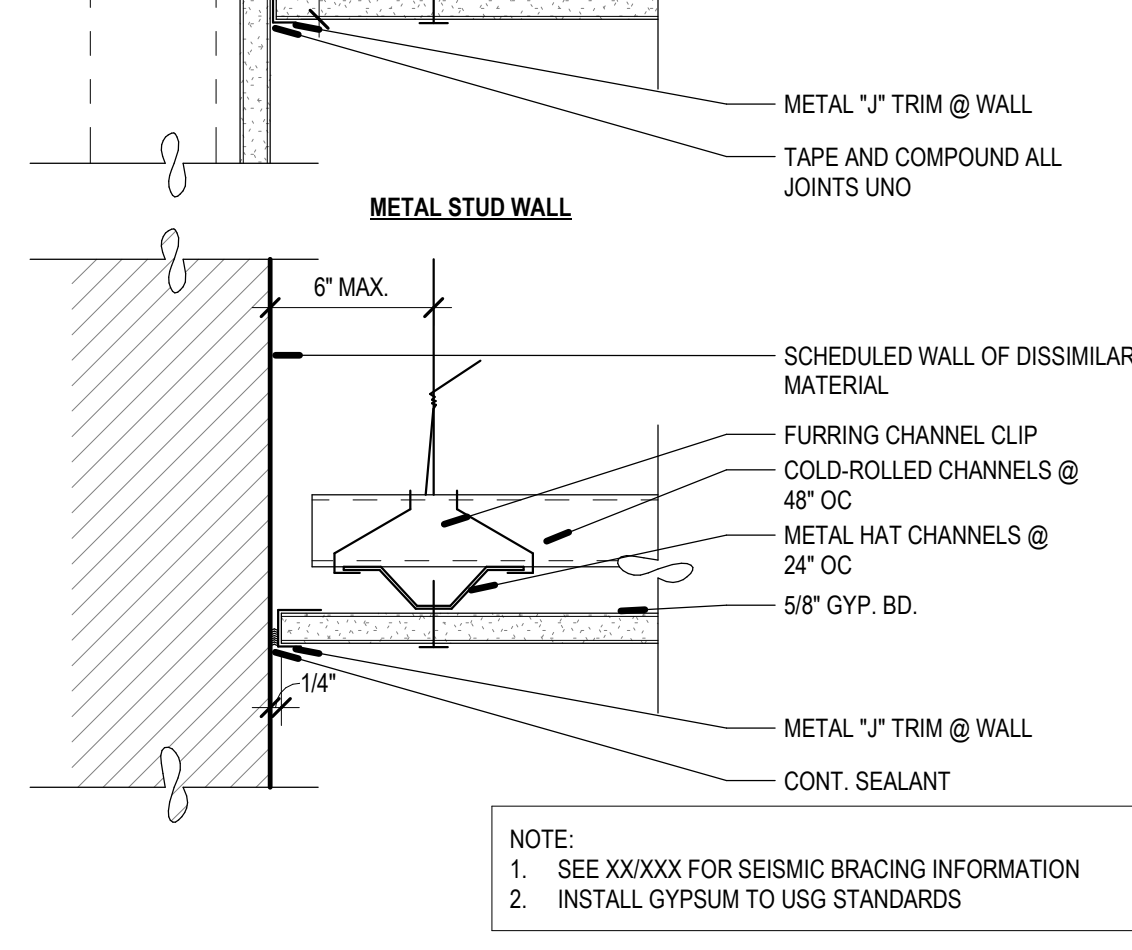
C6 BRACING & SEISMIC
SCALE: NOT TO SCALE



A1 TYP METAL STUD HEADER
SCALE: 3" = 1'-0"

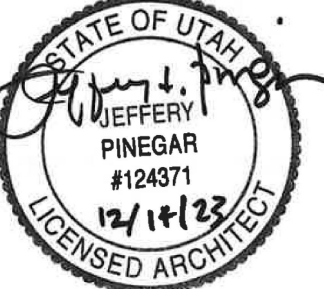


A4 TYP FIXTURE IN GYP BD CEILING
SCALE: 3/4" = 1'-0"

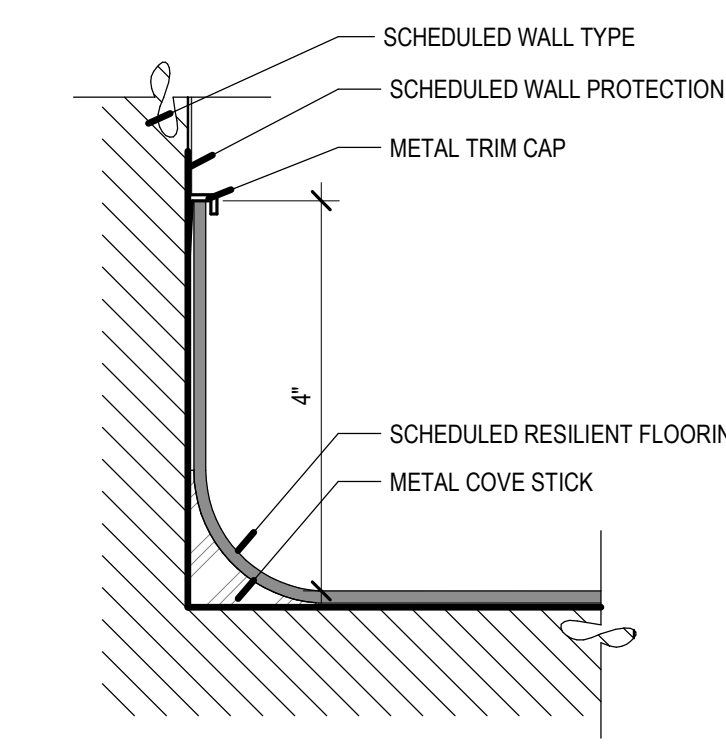


A5 SLIP JOINT
SCALE: 3" = 1'-0"

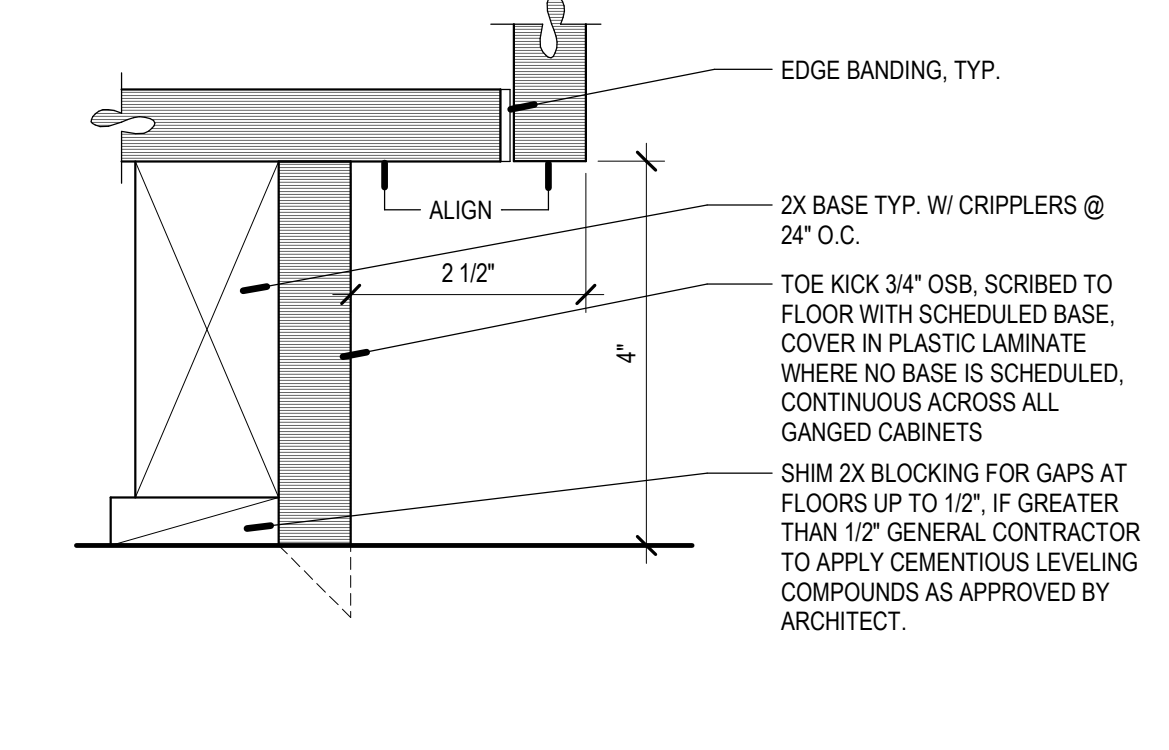
A6 TYP SUSPENDED GYP BRACING
SCALE: NOT TO SCALE



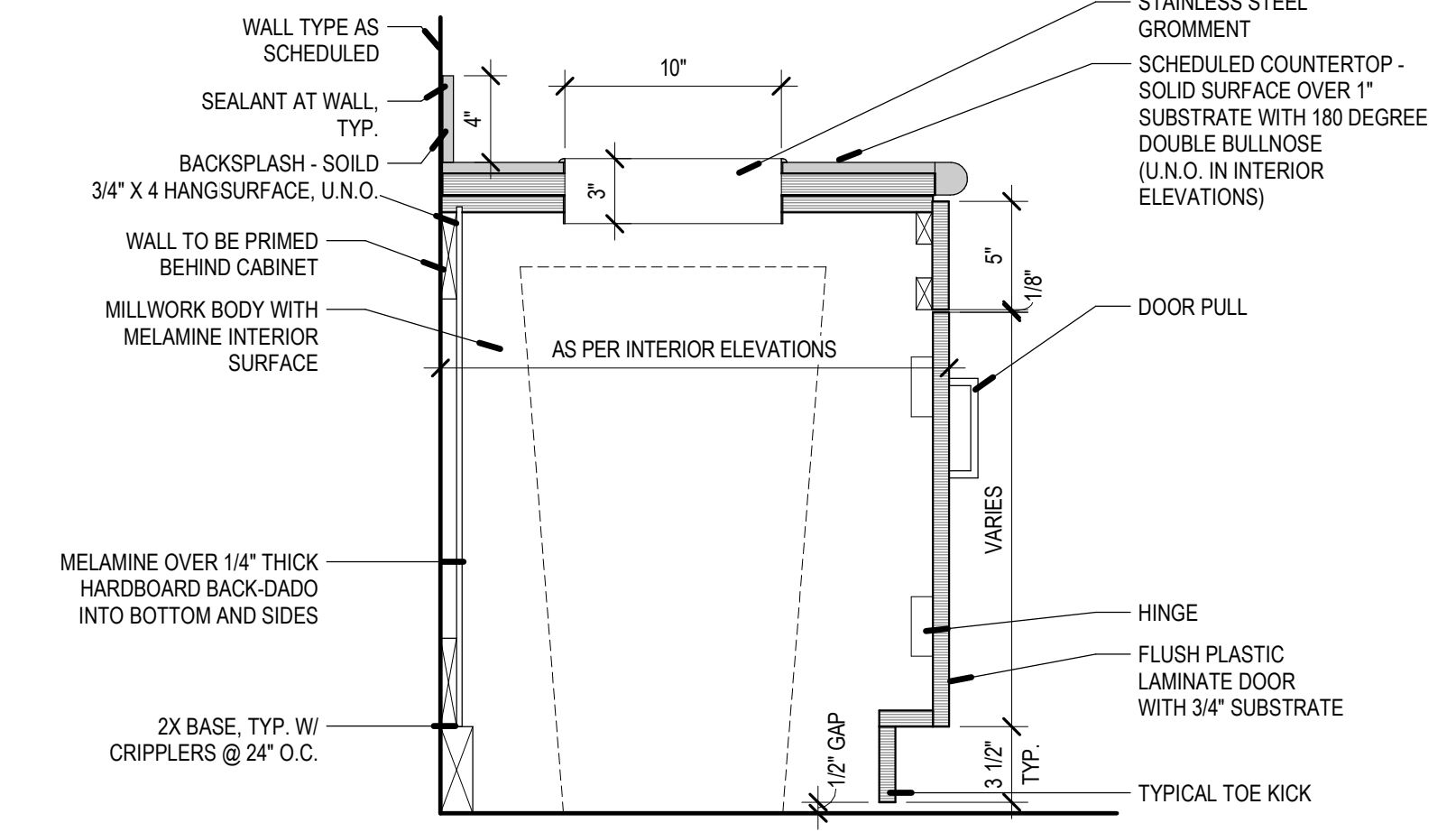
REV	DATE	DESCRIPTION



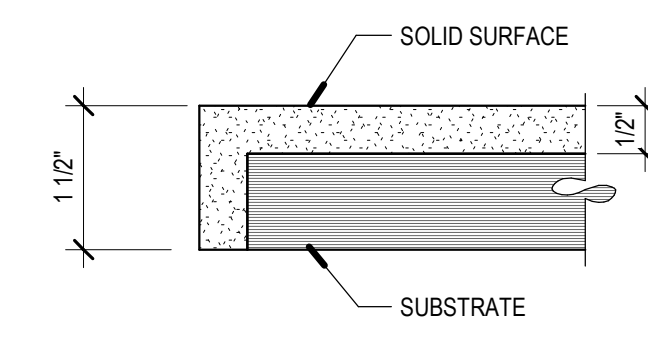
E5 TYP INTEGRAL COVERED BASE DETAIL
SCALE: 6" = 1'-0"



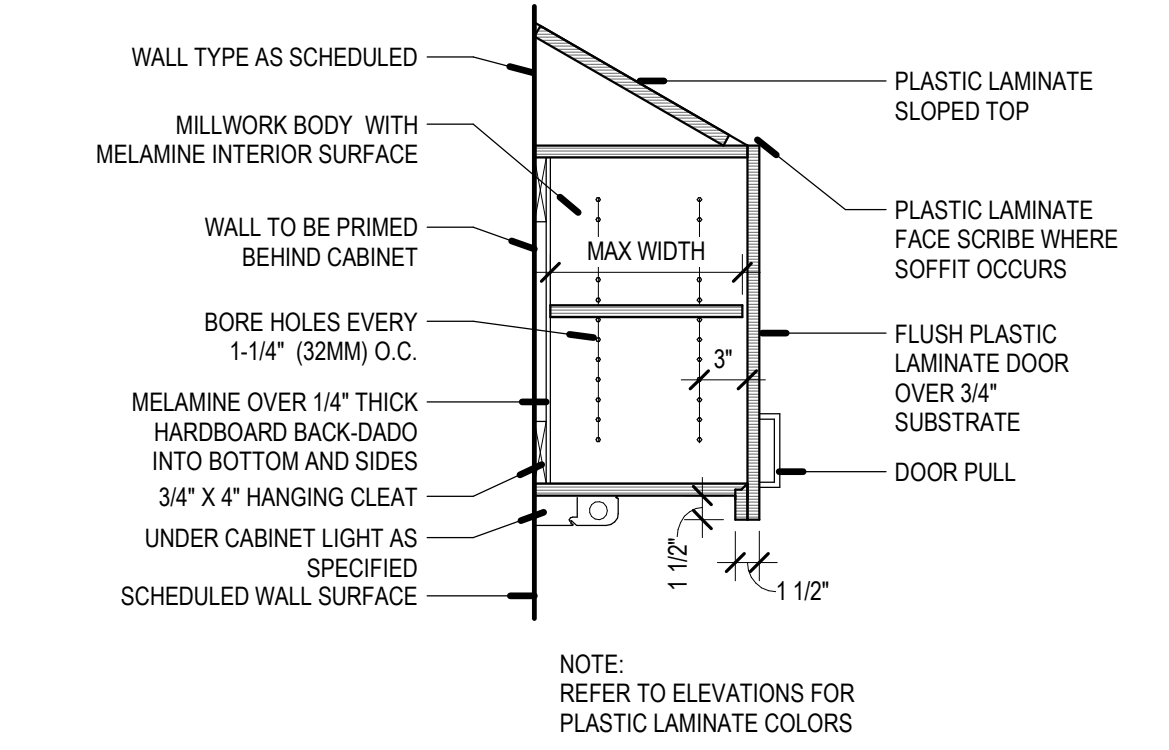
E6 TYPICAL TOE KICK DETAIL
SCALE: 6" = 1'-0"



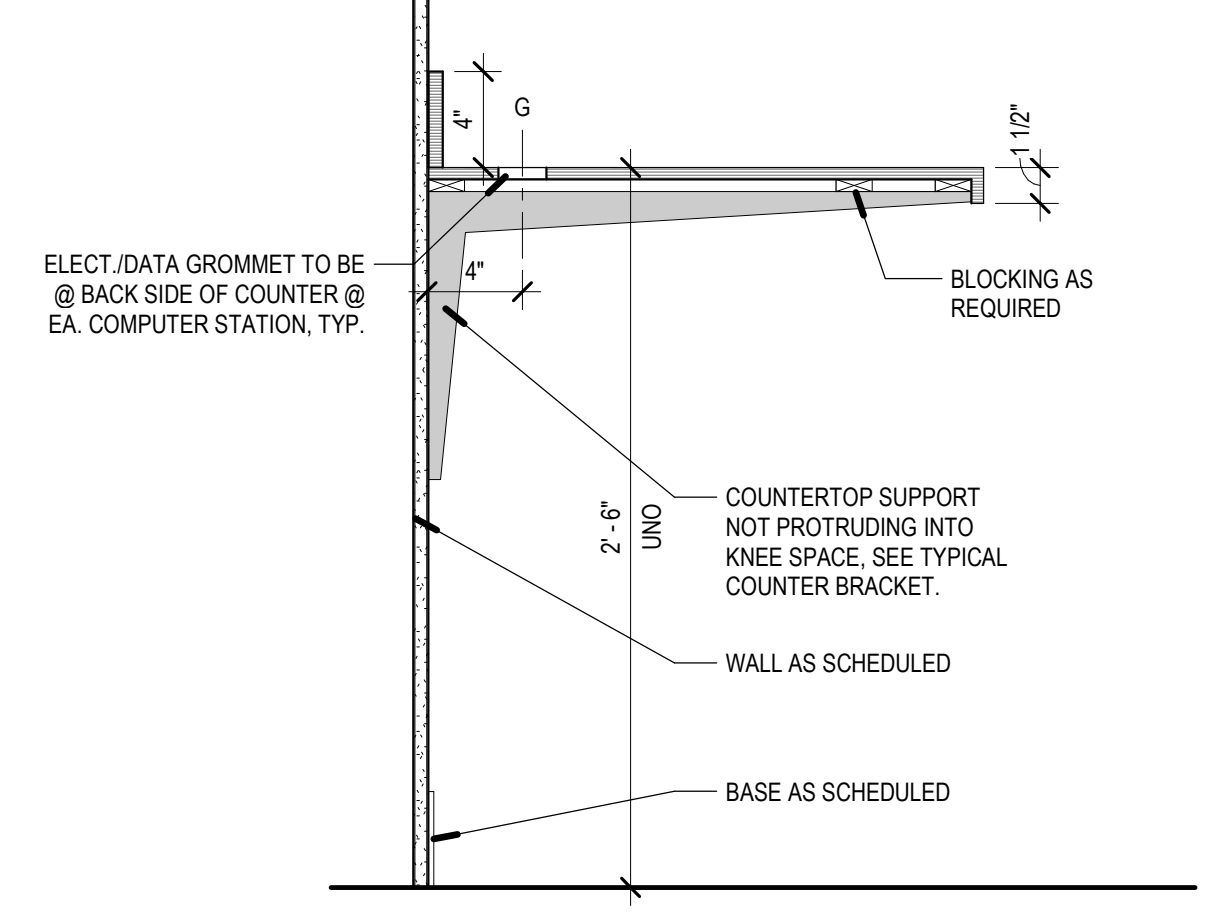
D4 BASE CABINET W/ WASTE GROMMET
SCALE: 1 1/2" = 1'-0"



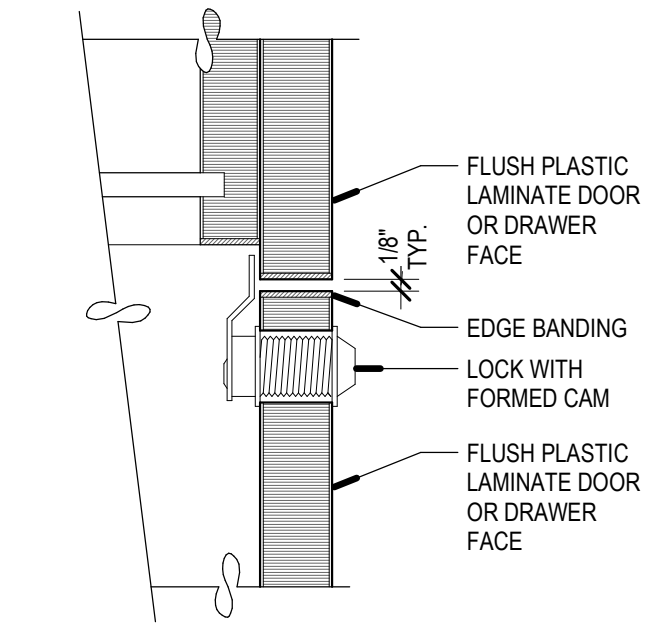
D5 SOLID SURFACE COUNTERTOP DETAIL
SCALE: 6" = 1'-0"



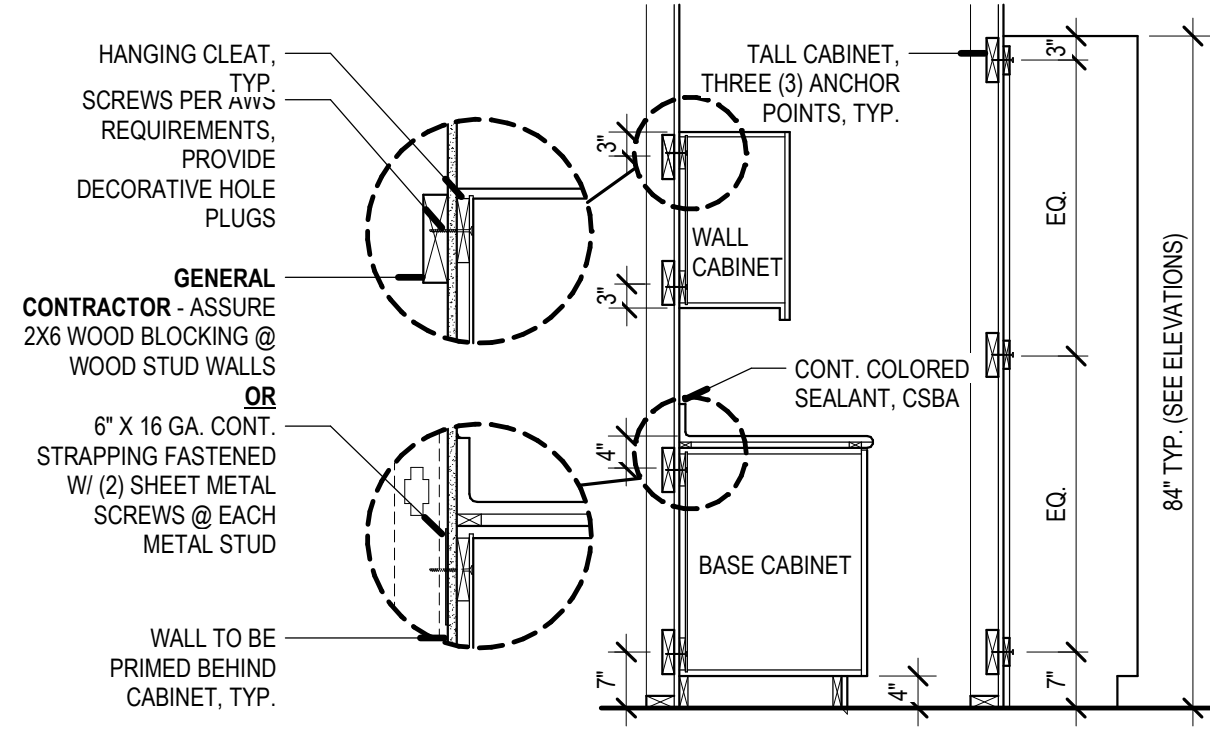
D6 UPPER CABINET FULL DOOR - SECTION
SCALE: 1" = 1'-0"



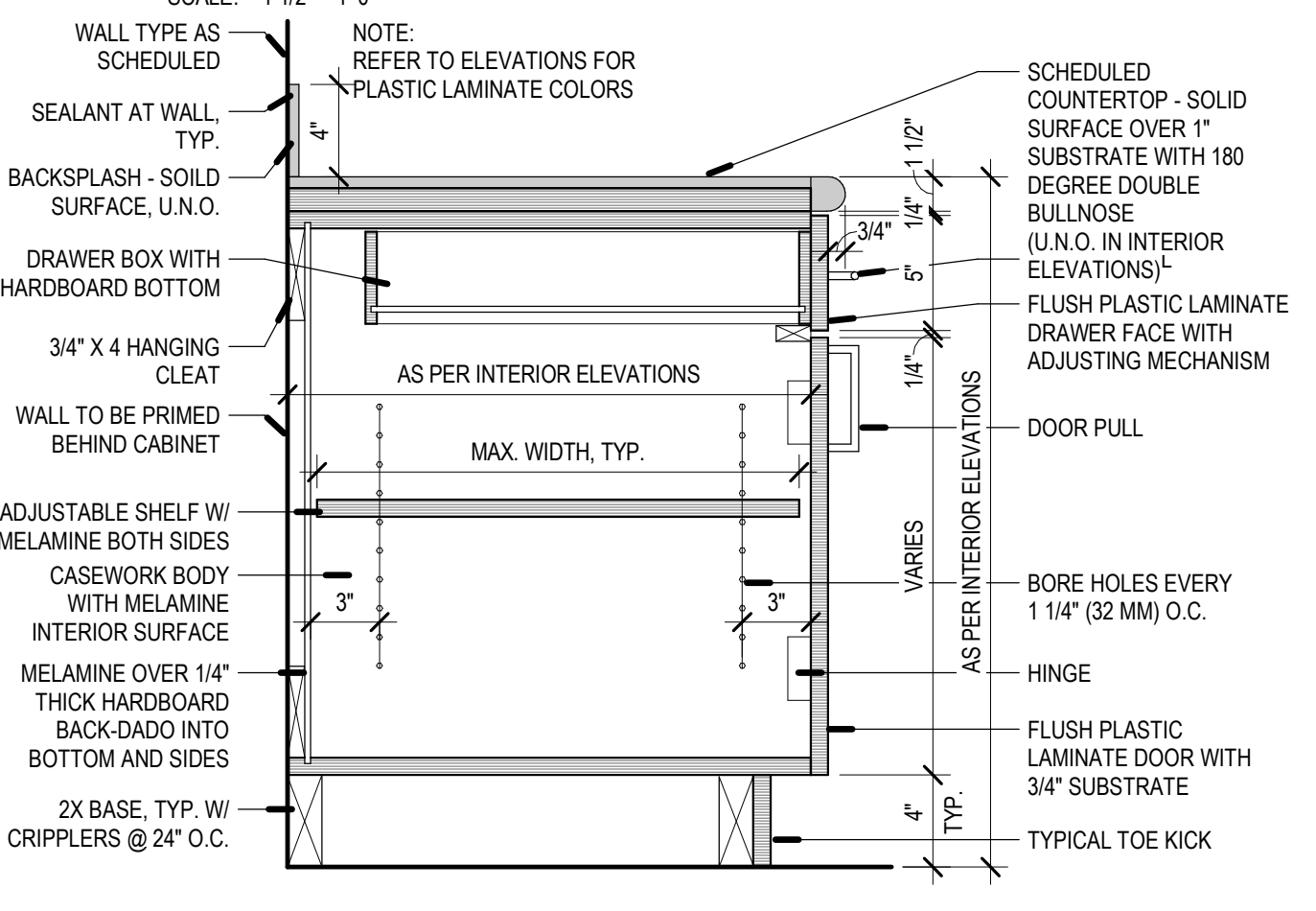
C4 COUNTERTOP SUPPORT DETAIL, TYP
SCALE: 1 1/2" = 1'-0"



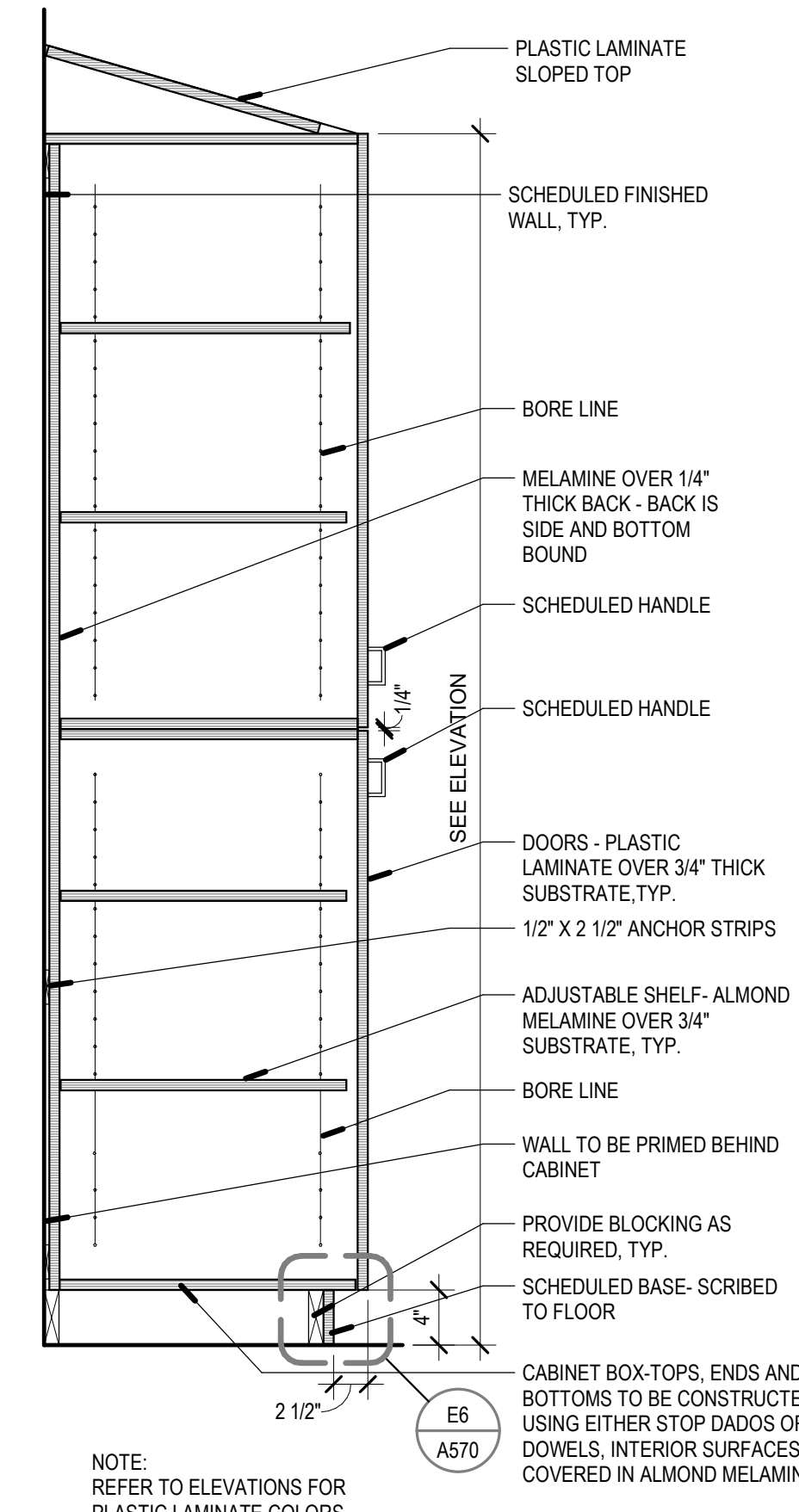
C5 LOCK DETAIL
SCALE: 6" = 1'-0"



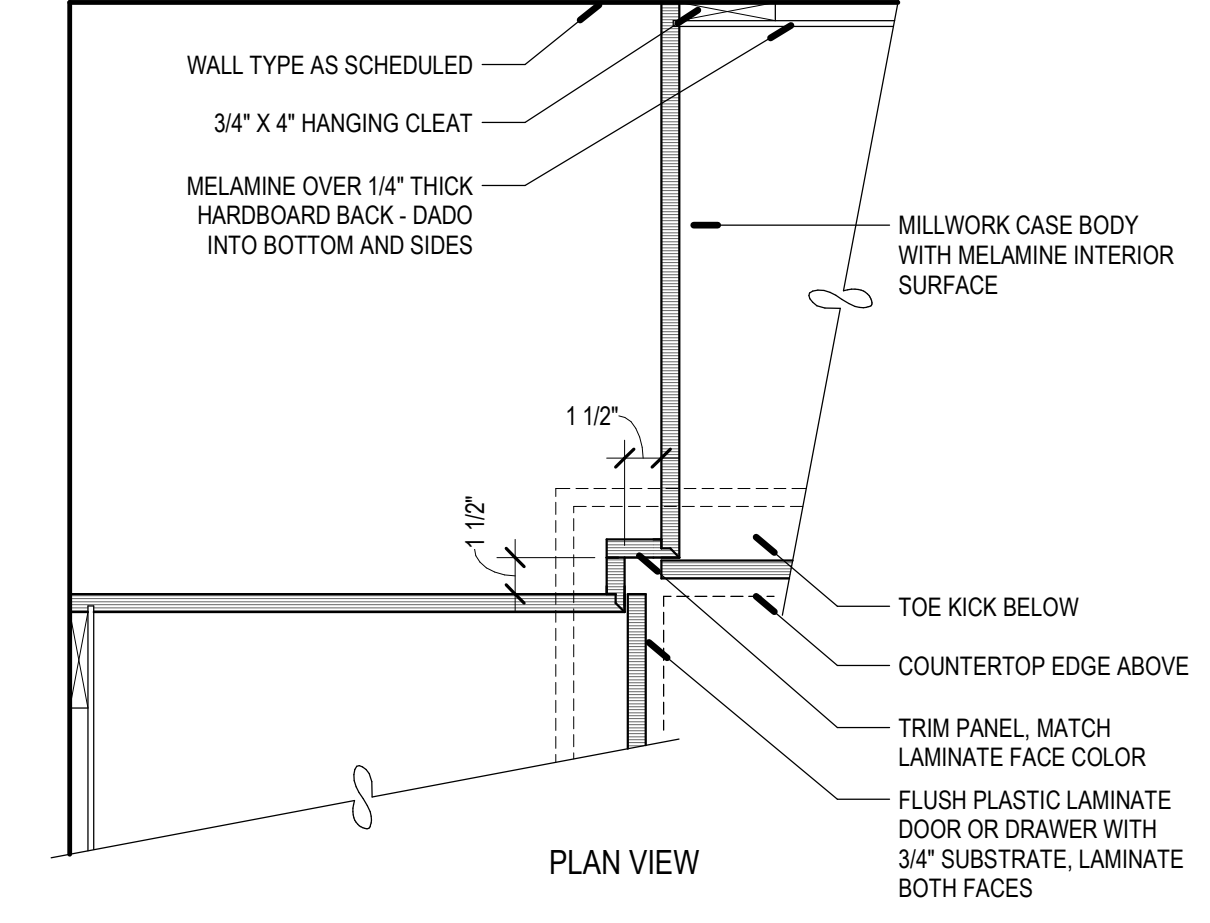
C6 TYPICAL MILLWORK ANCHOR DETAILS
SCALE: 1/2" = 1'-0"



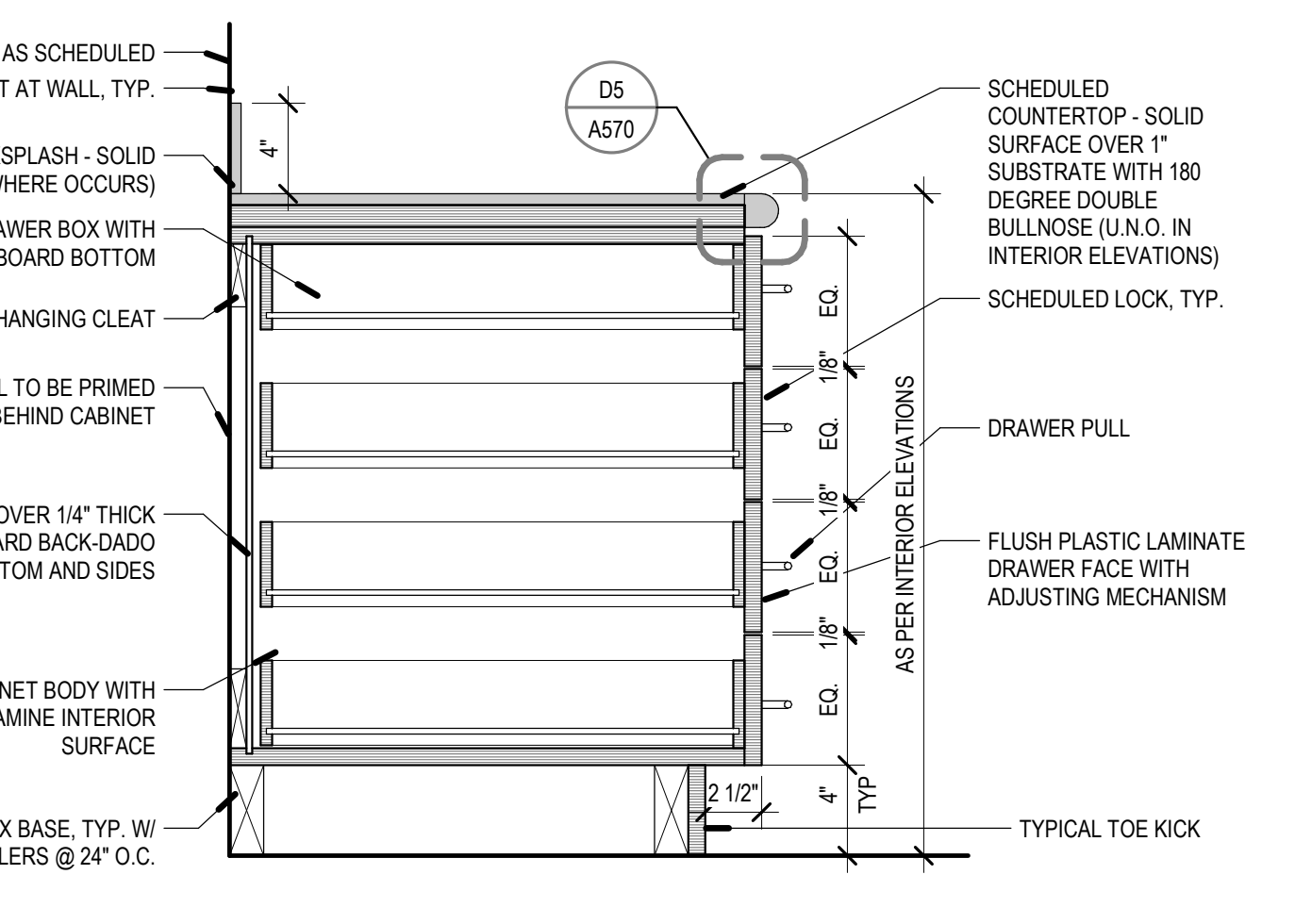
B4 BASE CABINET SECTION AT DRAWER / DOOR W/ SOLID SURFACE
SCALE: 1 1/2" = 1'-0"



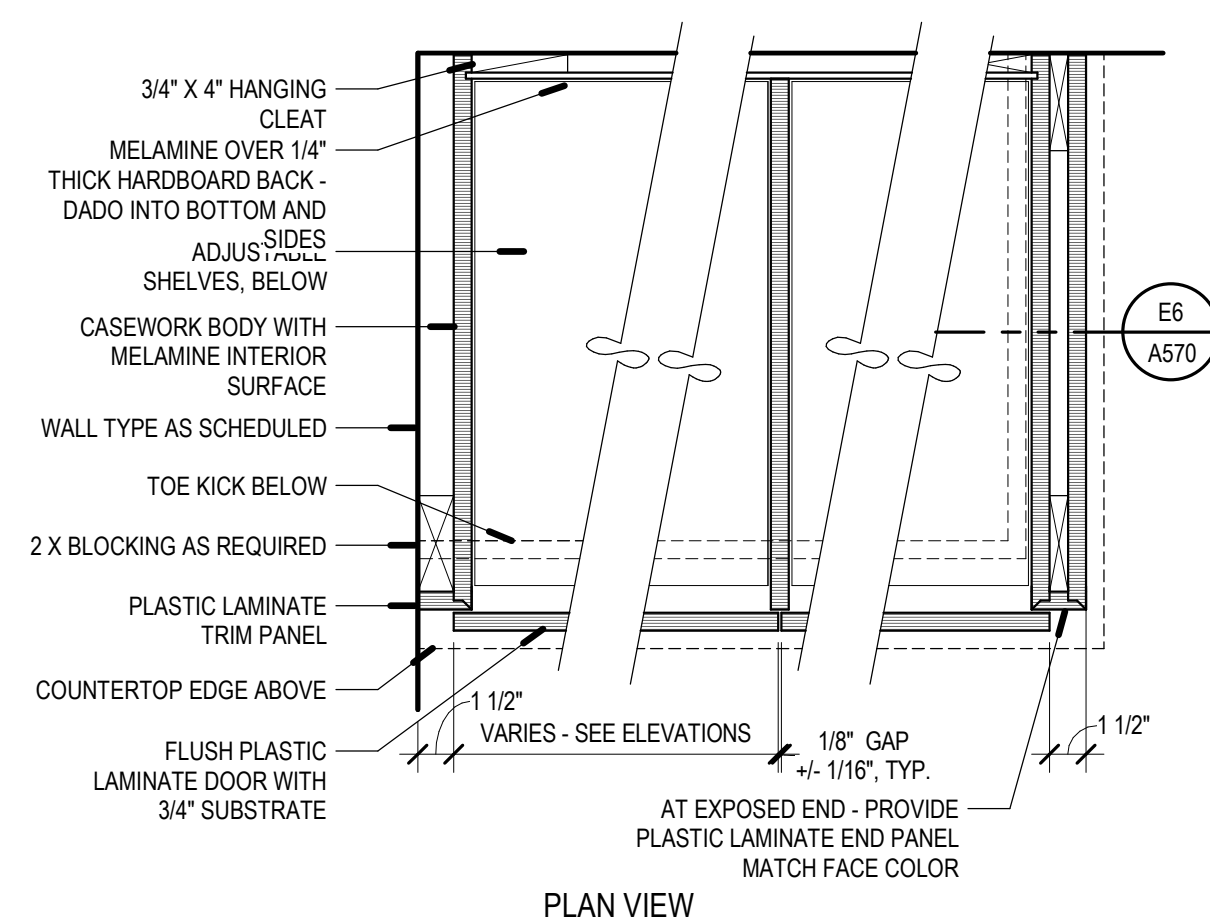
B3 TYPICAL TALL CABINET W/ HIGH-LOW DOORS
SCALE: 1" = 1'-0"



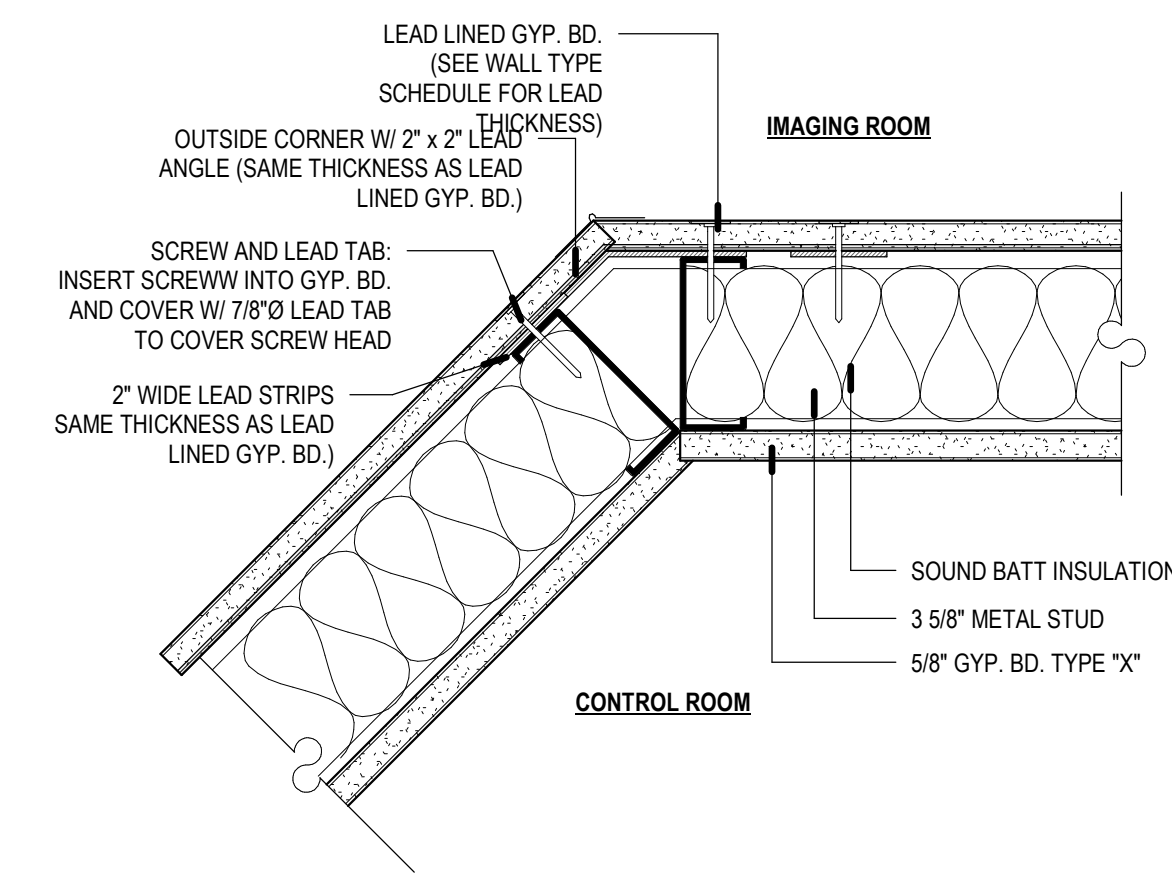
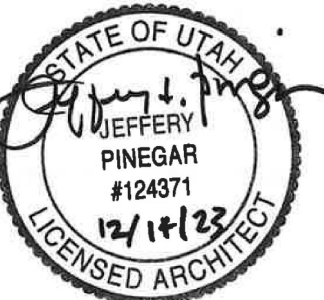
B6 BASE CORNER DETAIL
SCALE: 1 1/2" = 1'-0"



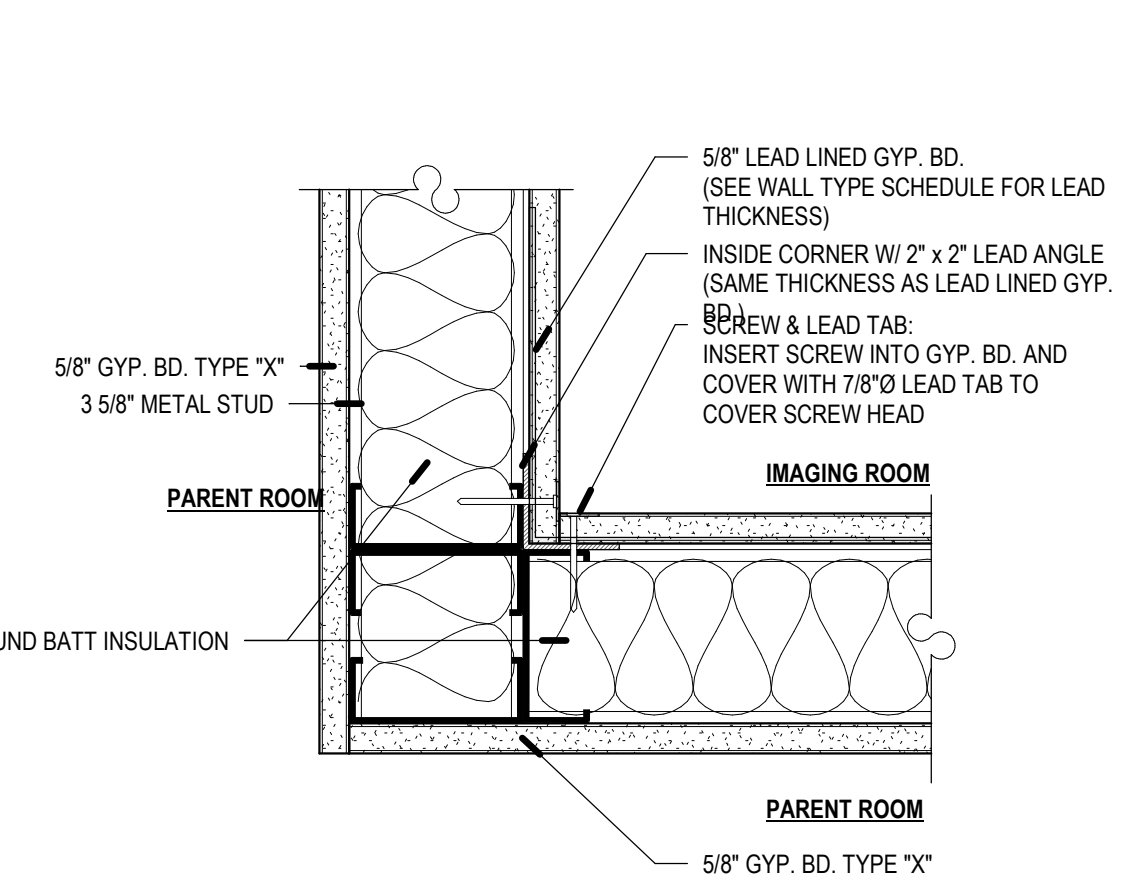
A4 4 DRAWER CABINET W/ SOLID SURFACE
SCALE: 1 1/2" = 1'-0"



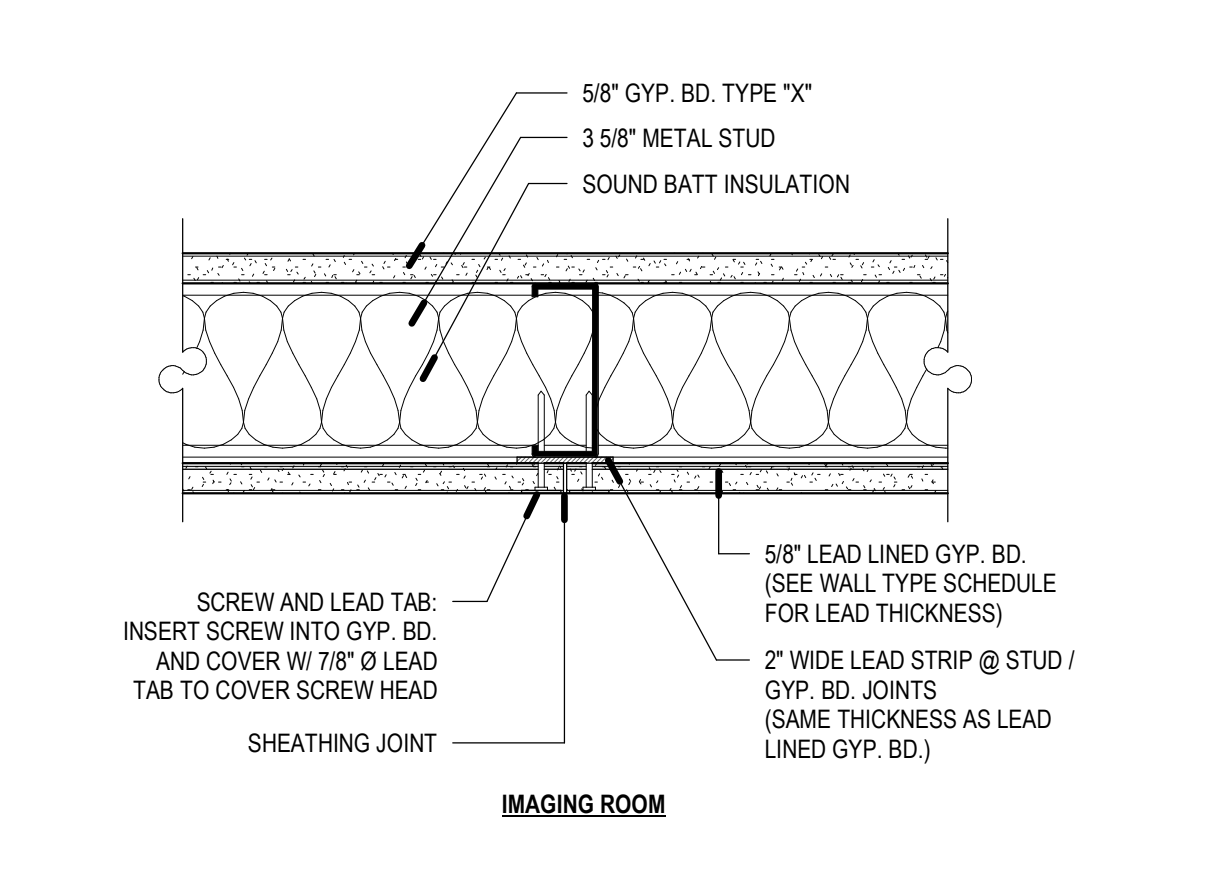
A6 BASE CABINET PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



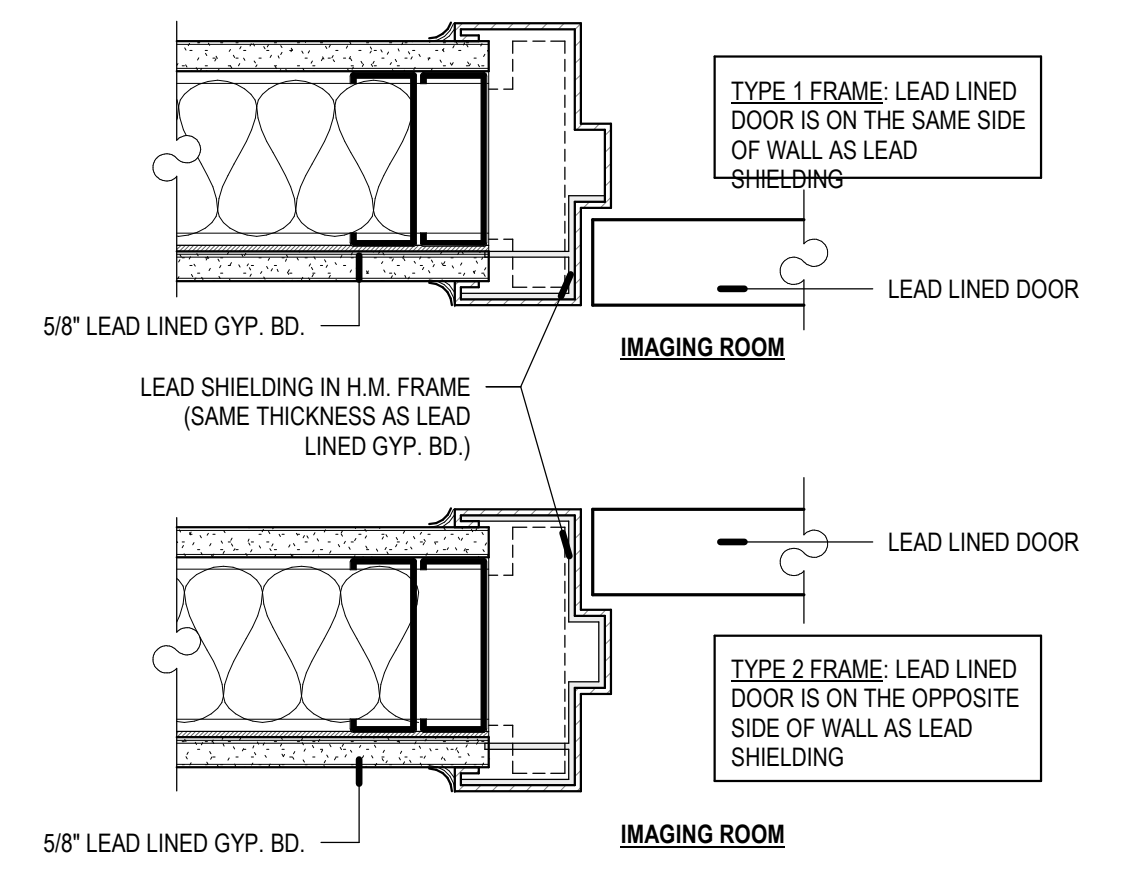
E4 LEAD LINED PARTITION - OUTSIDE CORNER
SCALE: 3" = 1'-0"



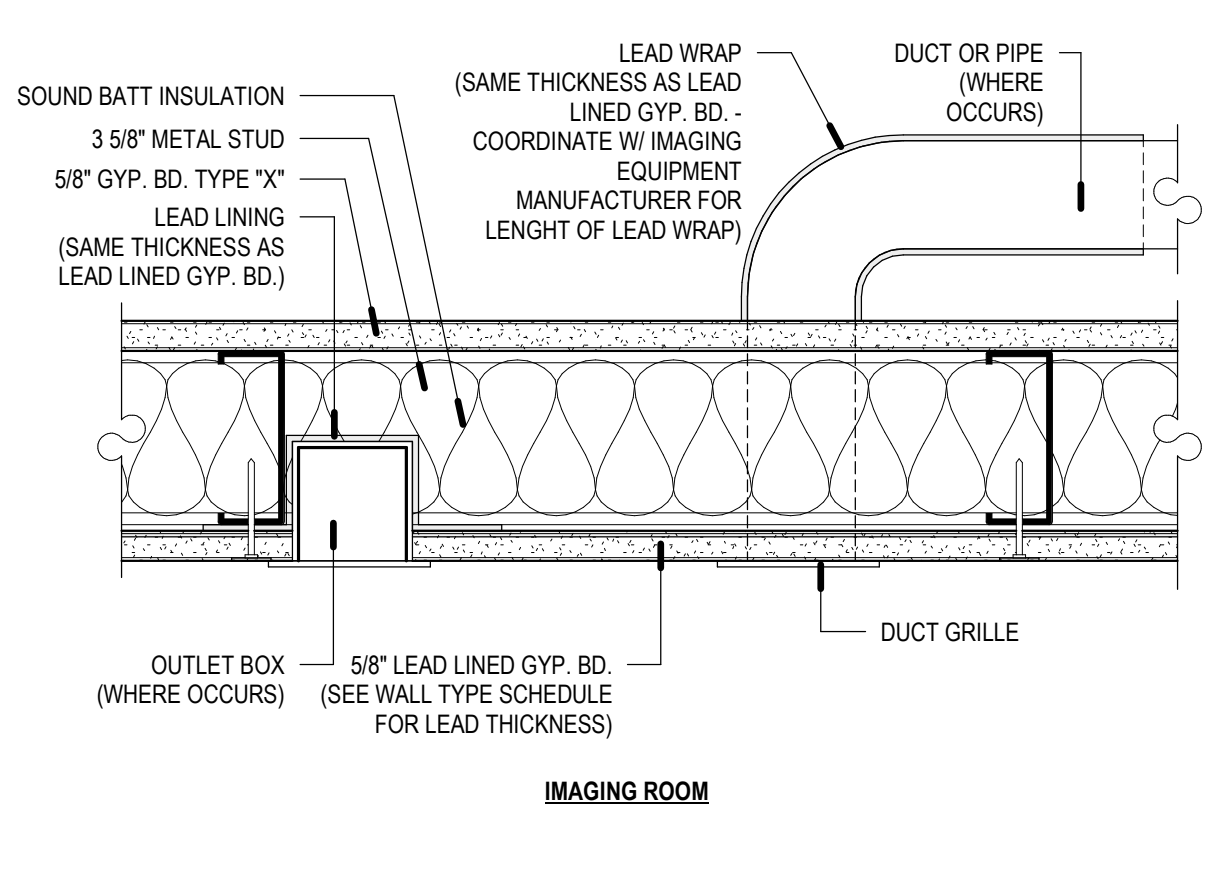
E5 LEAD LINED PARTITION DETAIL
SCALE: 3" = 1'-0"



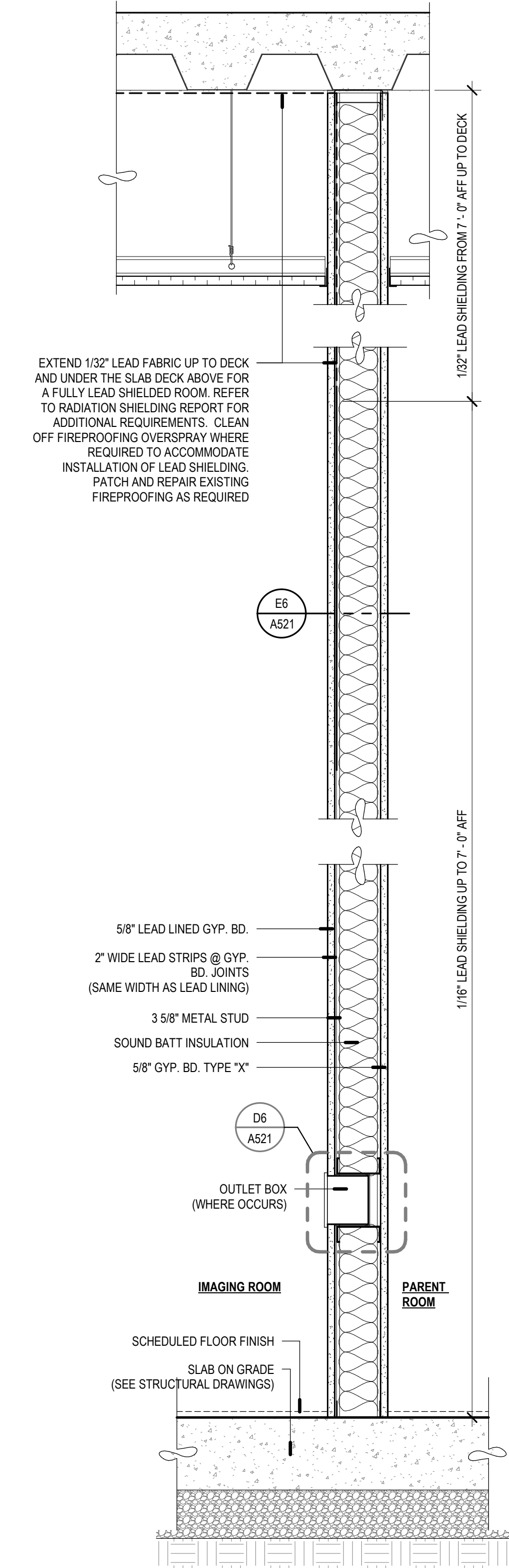
E6 LEAD LINED PARTITION - TYPICAL JOINT DETAIL
SCALE: 3" = 1'-0"



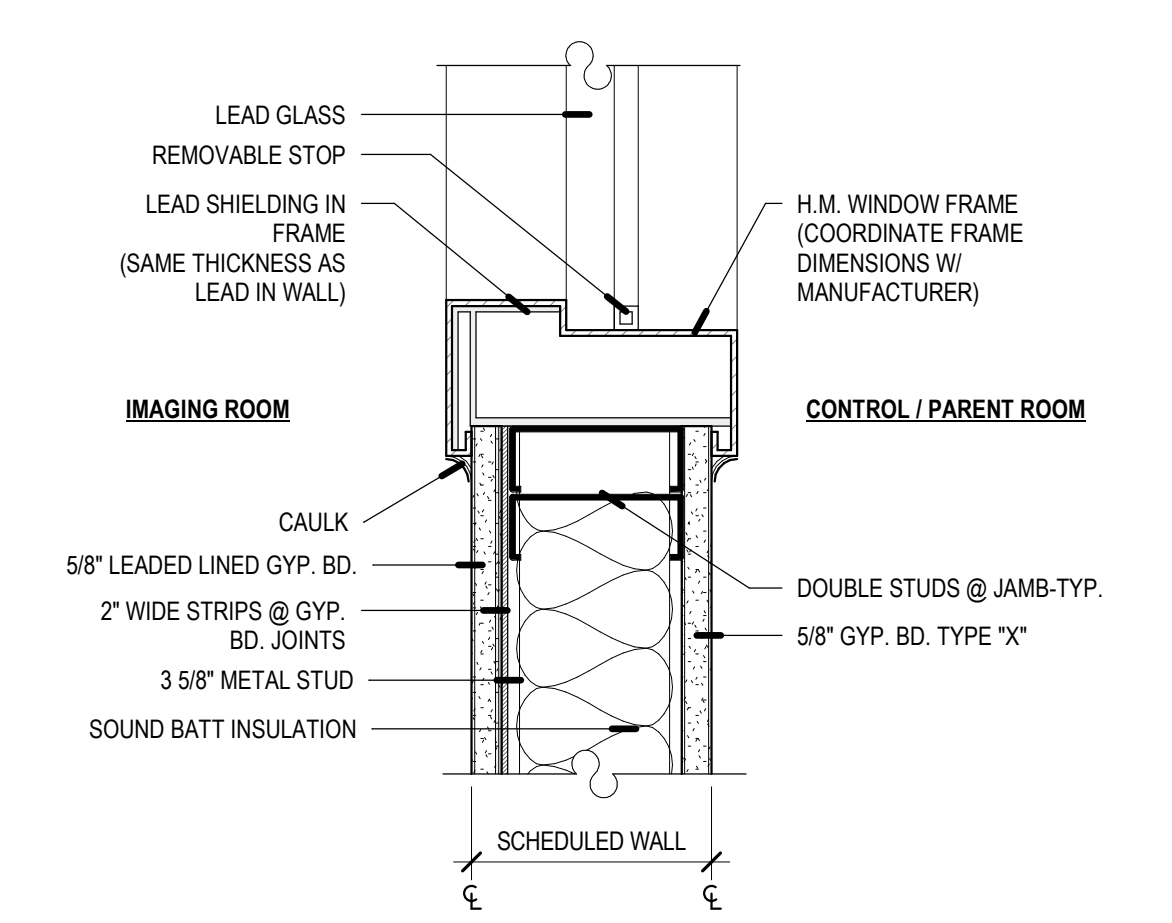
D5 H.M. DOOR JAMB W/ LEAD PROTECTION
SCALE: 3" = 1'-0"



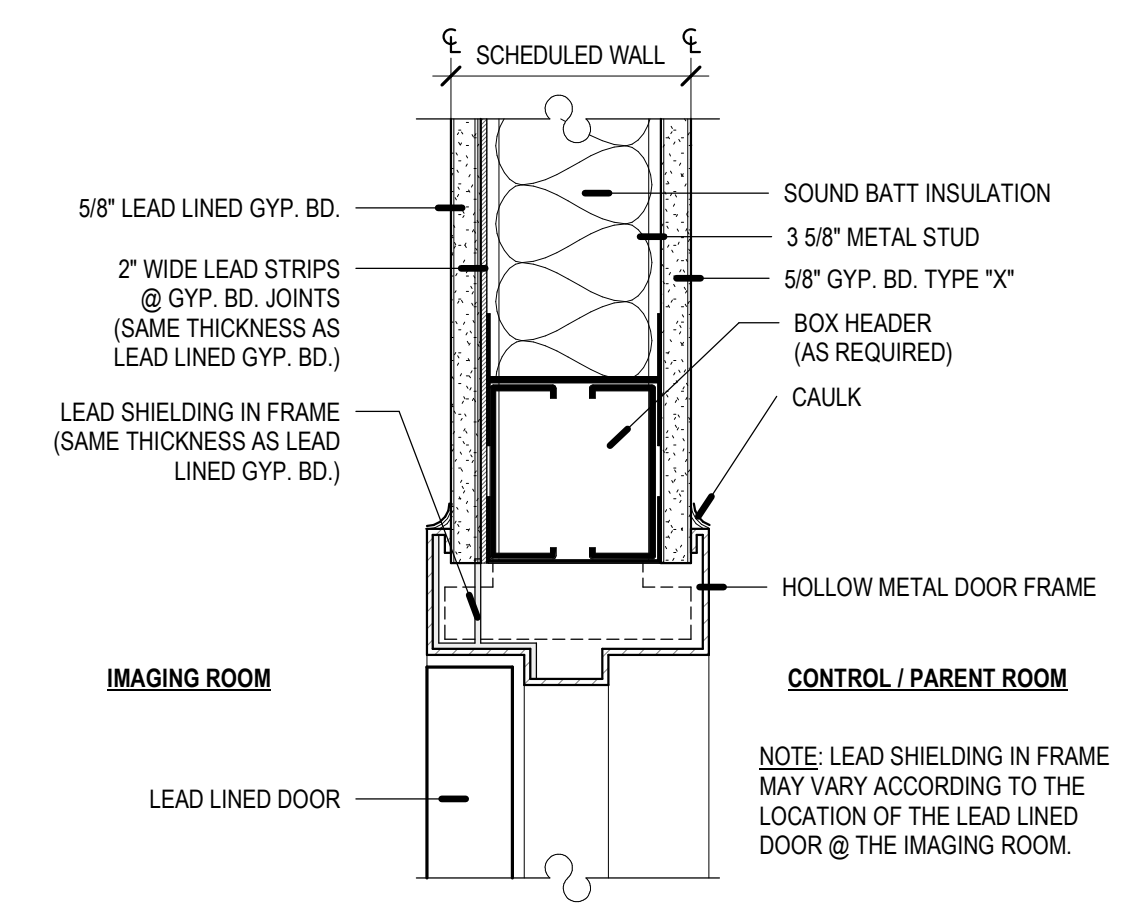
D6 LEAD LINED PARTITION - DUCT WRAP & OUTLET BOX DETAIL
SCALE: 3" = 1'-0"



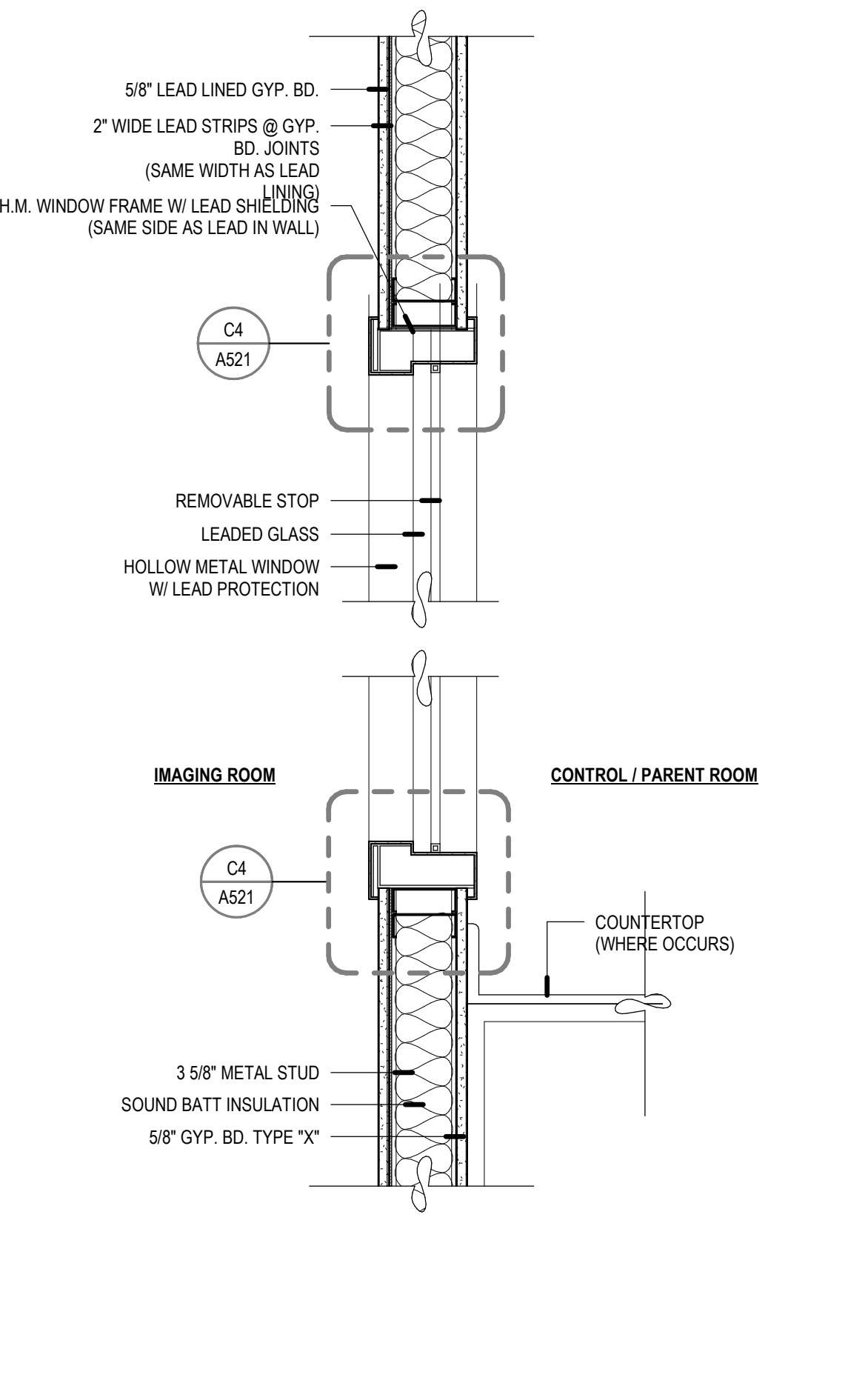
A3 TYPICAL PARTITION W/ LEAD PROTECTION (UP TO DECK)
SCALE: 1 1/2" = 1'-0"



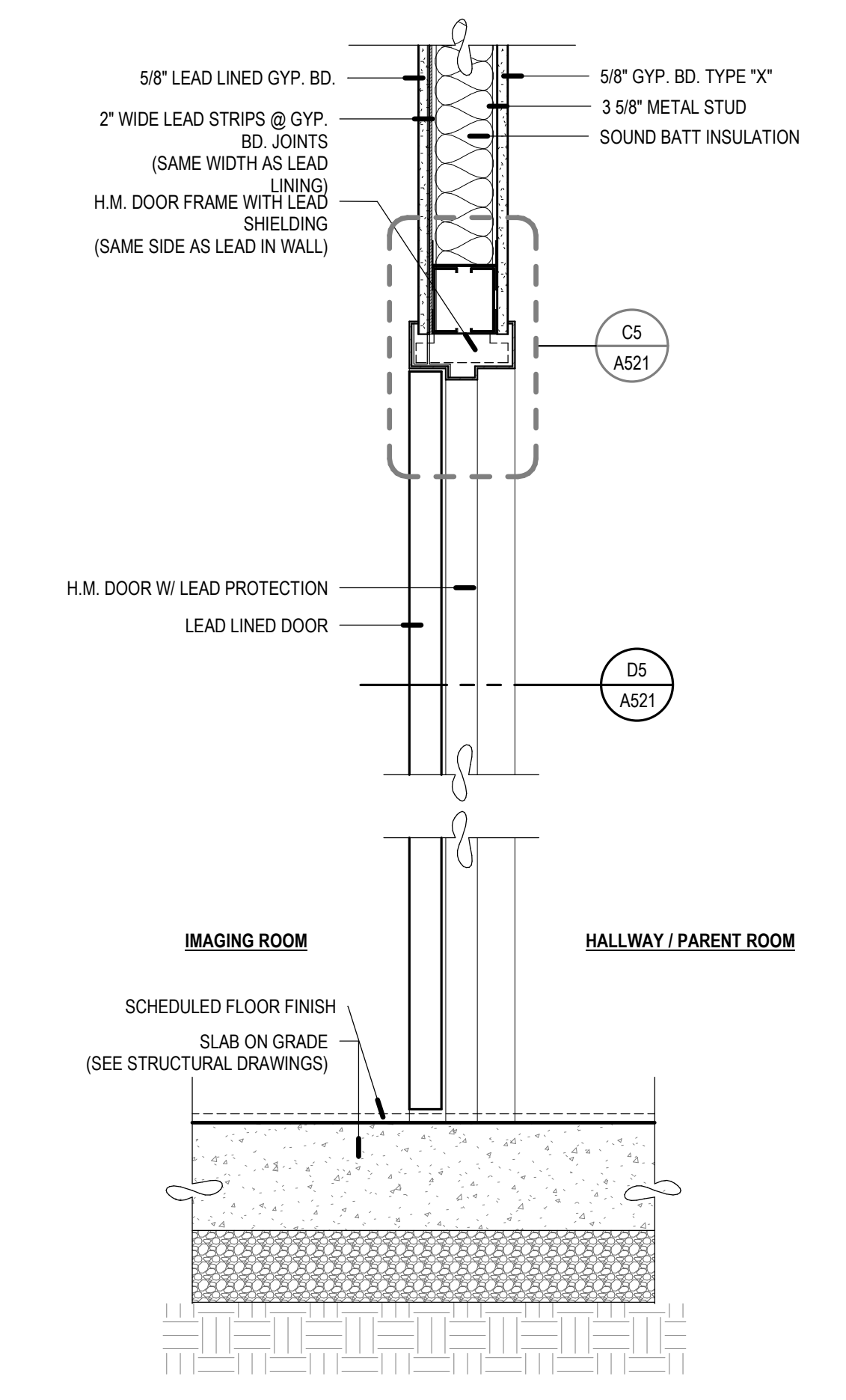
C4 H.M. WINDOW FRAME W/ LEAD PROTECTION
SCALE: 3" = 1'-0"



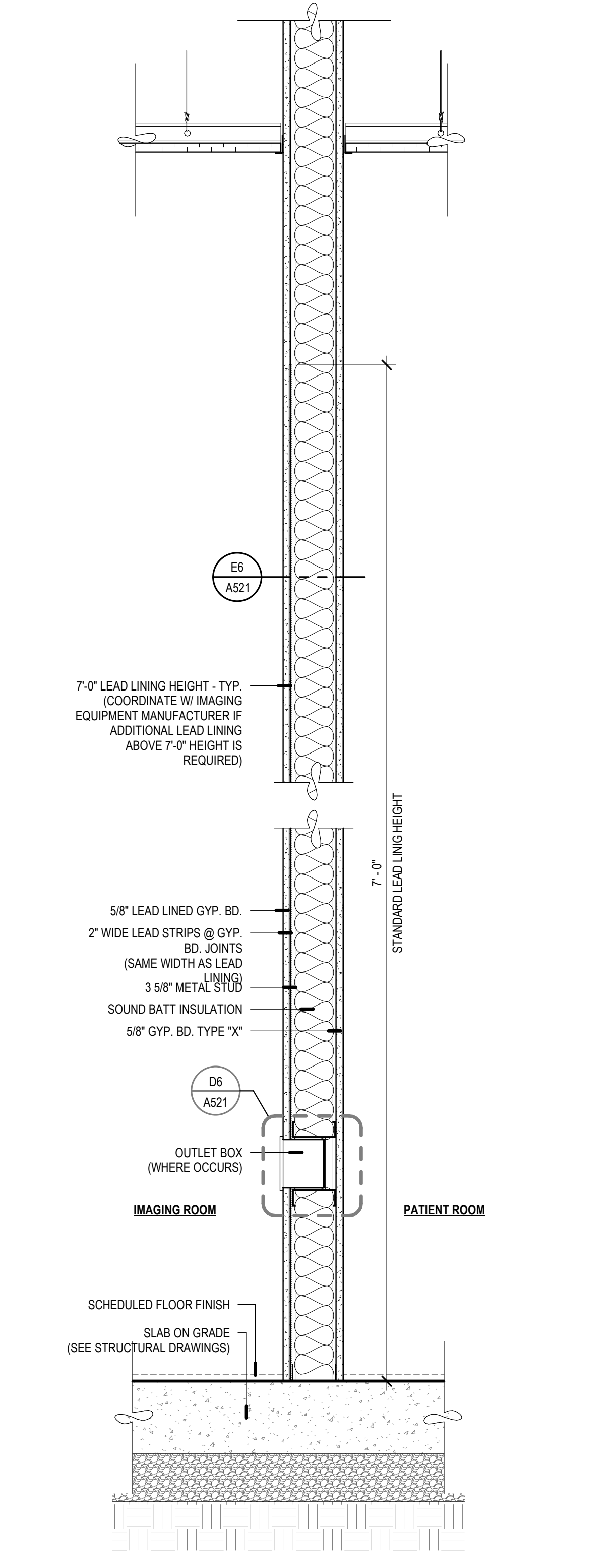
C5 H.M. DOOR HEAD W/ LEAD PROTECTION
SCALE: 3" = 1'-0"



A4 TYPICAL PARTITION W/ LEAD PROTECTION @ WINDOW
SCALE: 1 1/2" = 1'-0"



A5 TYPICAL PARTITION W/ LEAD PROTECTION @ DOOR
SCALE: 1 1/2" = 1'-0"



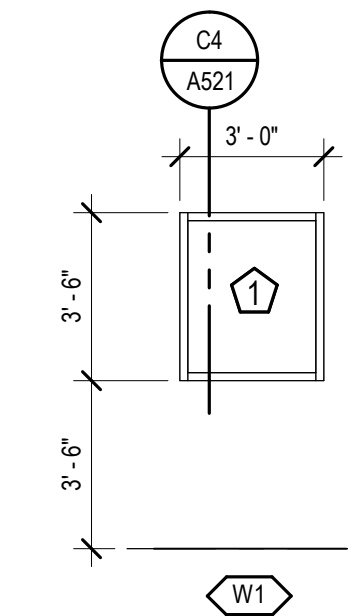
A6 TYPICAL PARTITION W/ LEAD PROTECTION
SCALE: 1 1/2" = 1'-0"

DOOR AND FRAME SCHEDULE - FIRST FLOOR													
DOOR NUMBER	DOOR						FRAME			HARDWARE SET	LABEL (MIN.)	NOTES	DOOR NUMBER
	SIZE			ELEV. TYPE	MATERIAL	FACING / FINISH	ELEV. TYPE	MATERIAL	FINISH / FACING				
	WIDTH	HEIGHT	THICK										
1385	48"	84"	1 3/4"	B	WD	SEALED	2	HM	PAINTED	2.0	NA	CARD READER / LEAD LINED DOOR & FRAME	1385
1385-E	36"	84"	1 3/4"	A	WD	SEALED	1	HM	PAINTED		NA	EXISTING DOOR & HARDWARE - SALVAGE AND REUSE	1385-E
1386A	72"	84"	1 3/4"	C	WD	SEALED	2	HM	PAINTED	1.0	NA	CARD READER / LEAD LINED DOOR & FRAME	1386A
1386B	36"	84"	1 3/4"	B	WD	SEALED	2	HM	PAINTED	4.0	NA	CARD READER / LEAD LINED DOOR & FRAME	1386B
1389	36"	84"	1 3/4"	A	WD	SEALED	1	HM	PAINTED	3.0	NA		1389

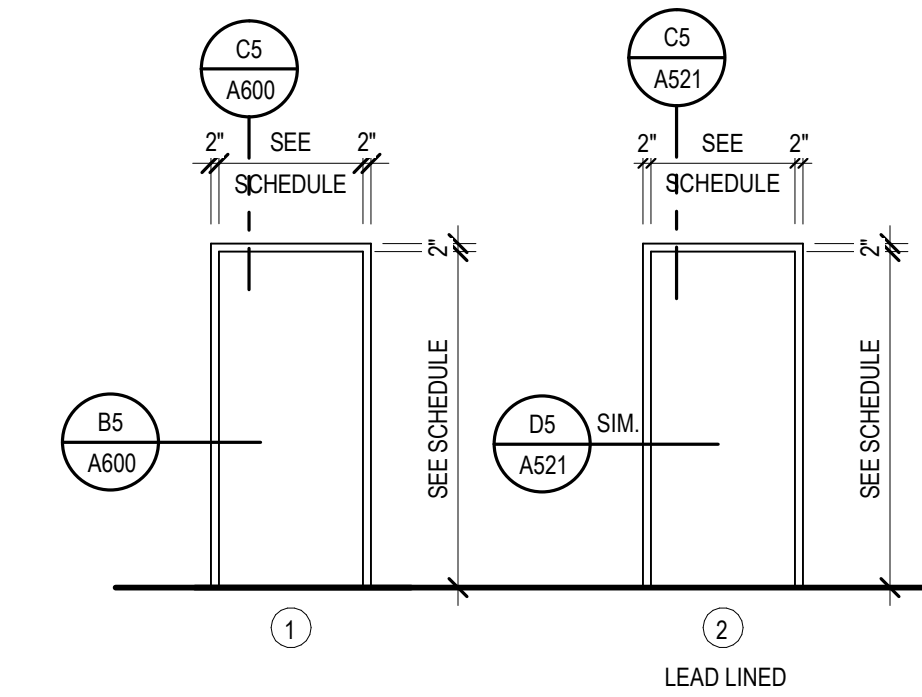
GLAZING TYPE LEGEND

MARK	DESCRIPTION
	5/16" CLEAR GLASS WITH LEAD PROTECTION
	'T' INDICATES TEMPERED GLASS

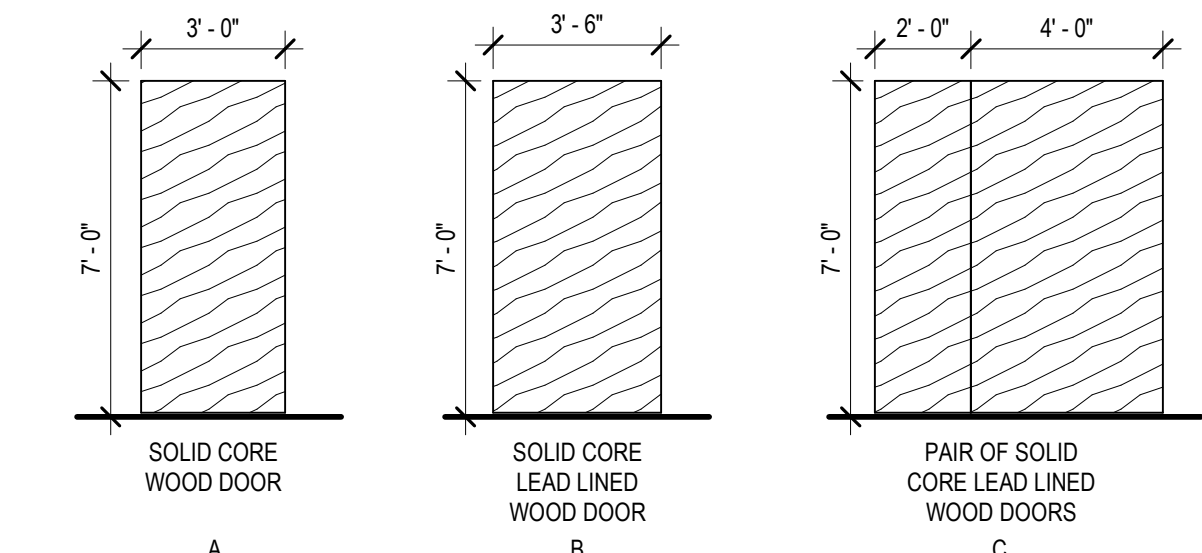
NOTE: WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.



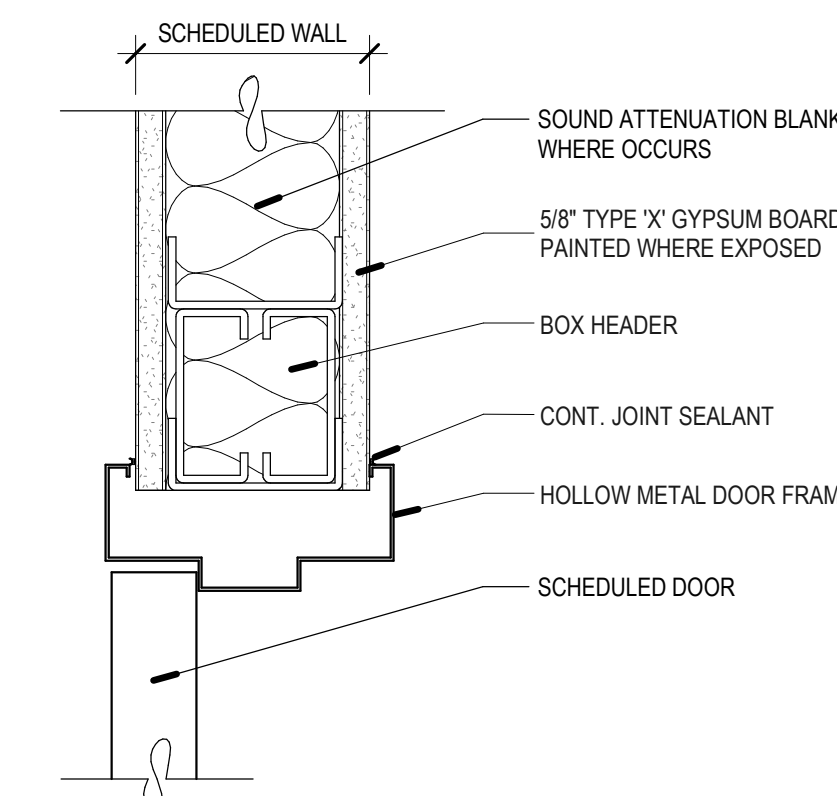
D4 H.M. WINDOW FRAME (LEAD LINED)
SCALE: 1/4" = 1'-0"



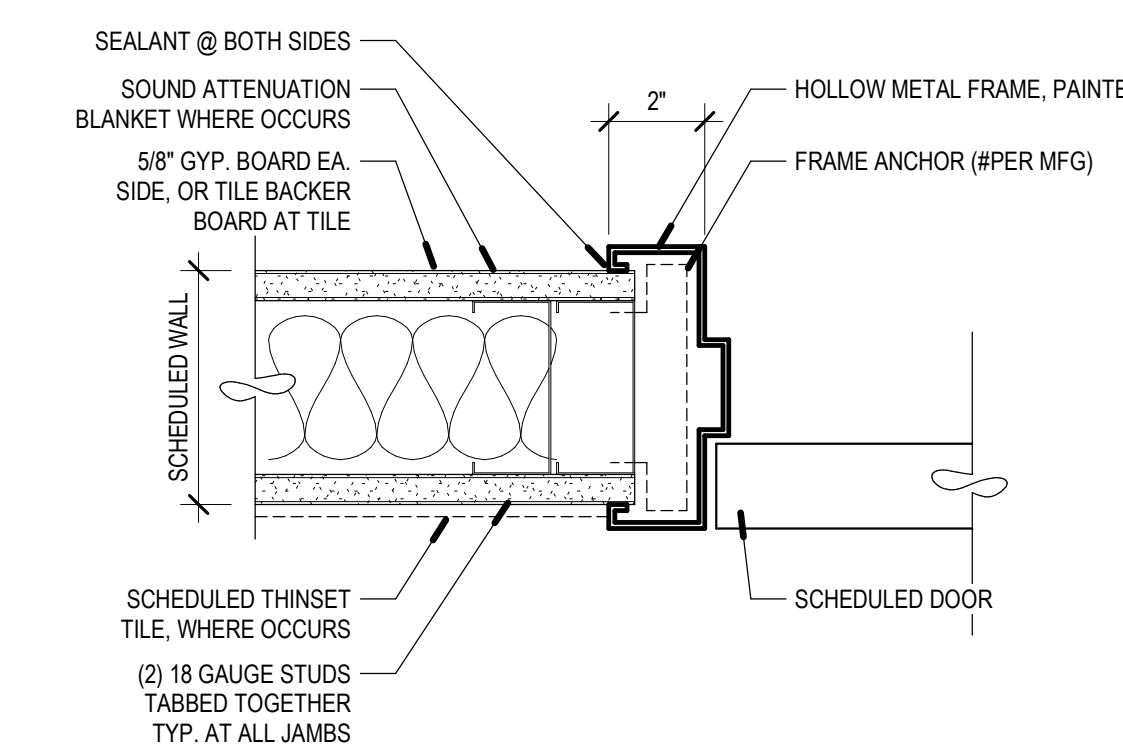
D5 HOLLOW METAL FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"



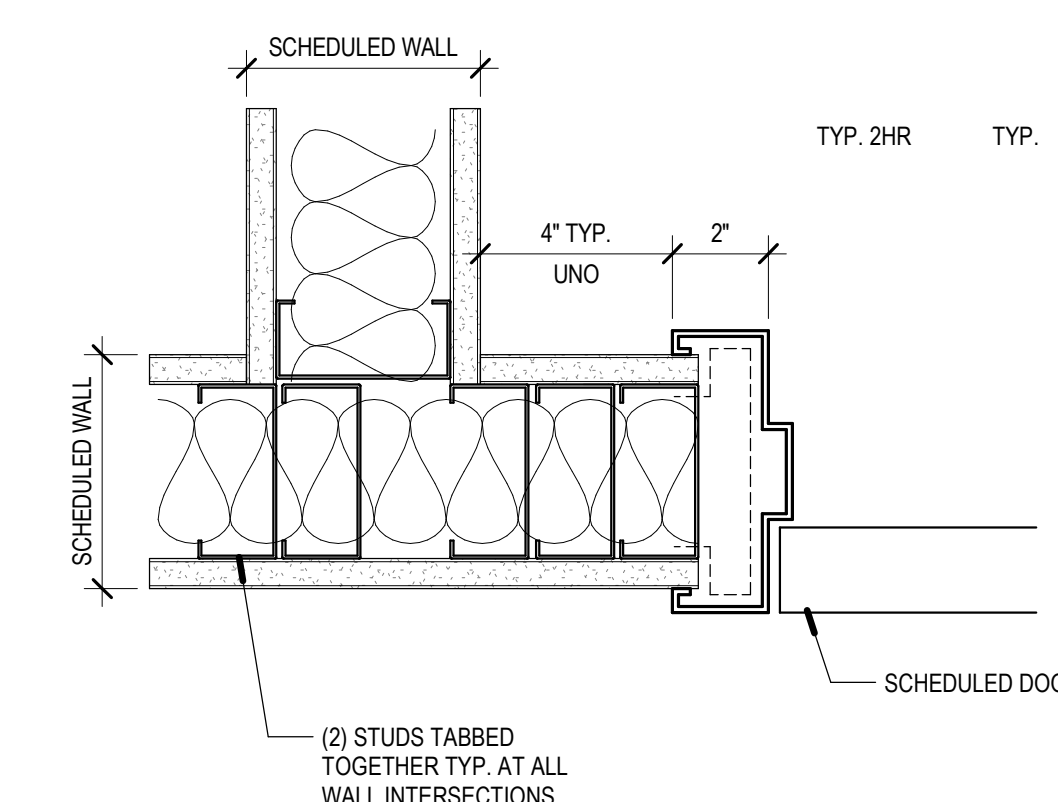
D6 DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"



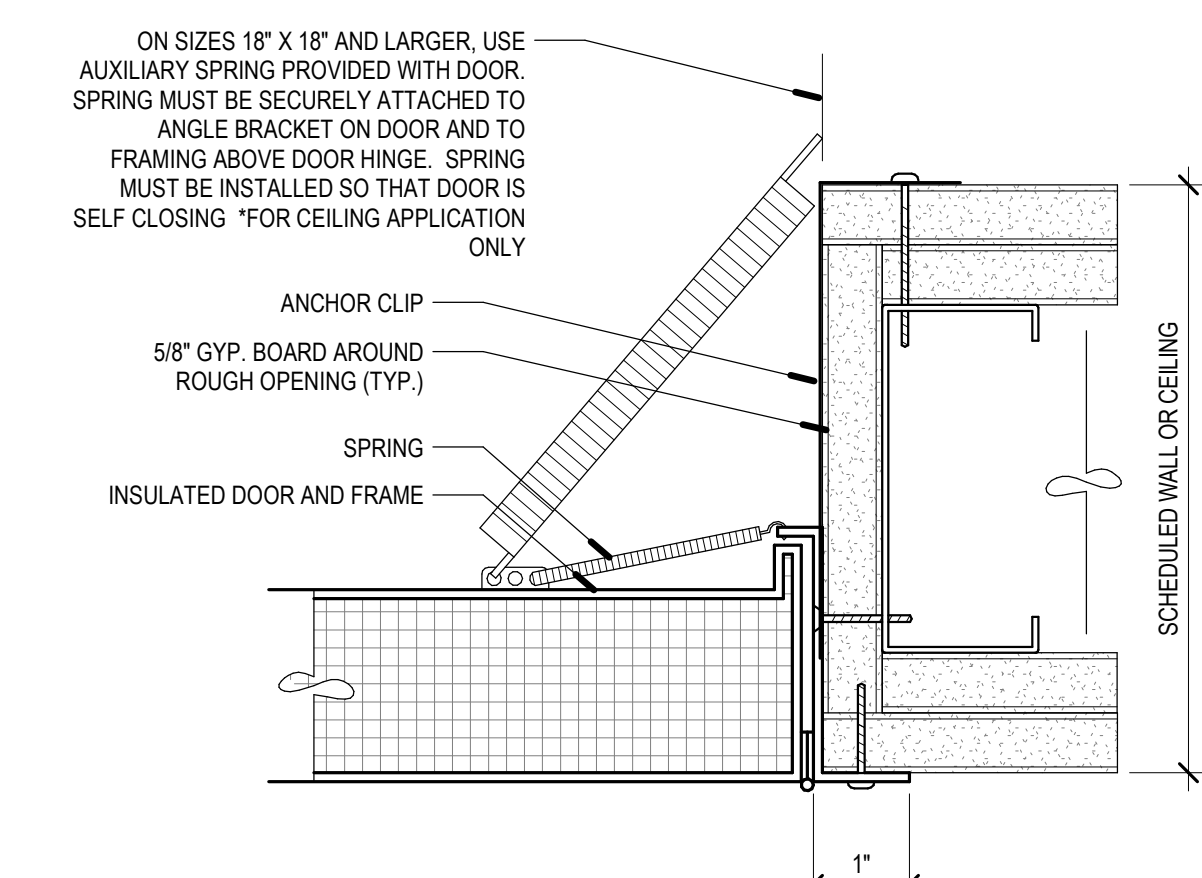
C5 H.M. DOOR HEAD
SCALE: 3" = 1'-0"



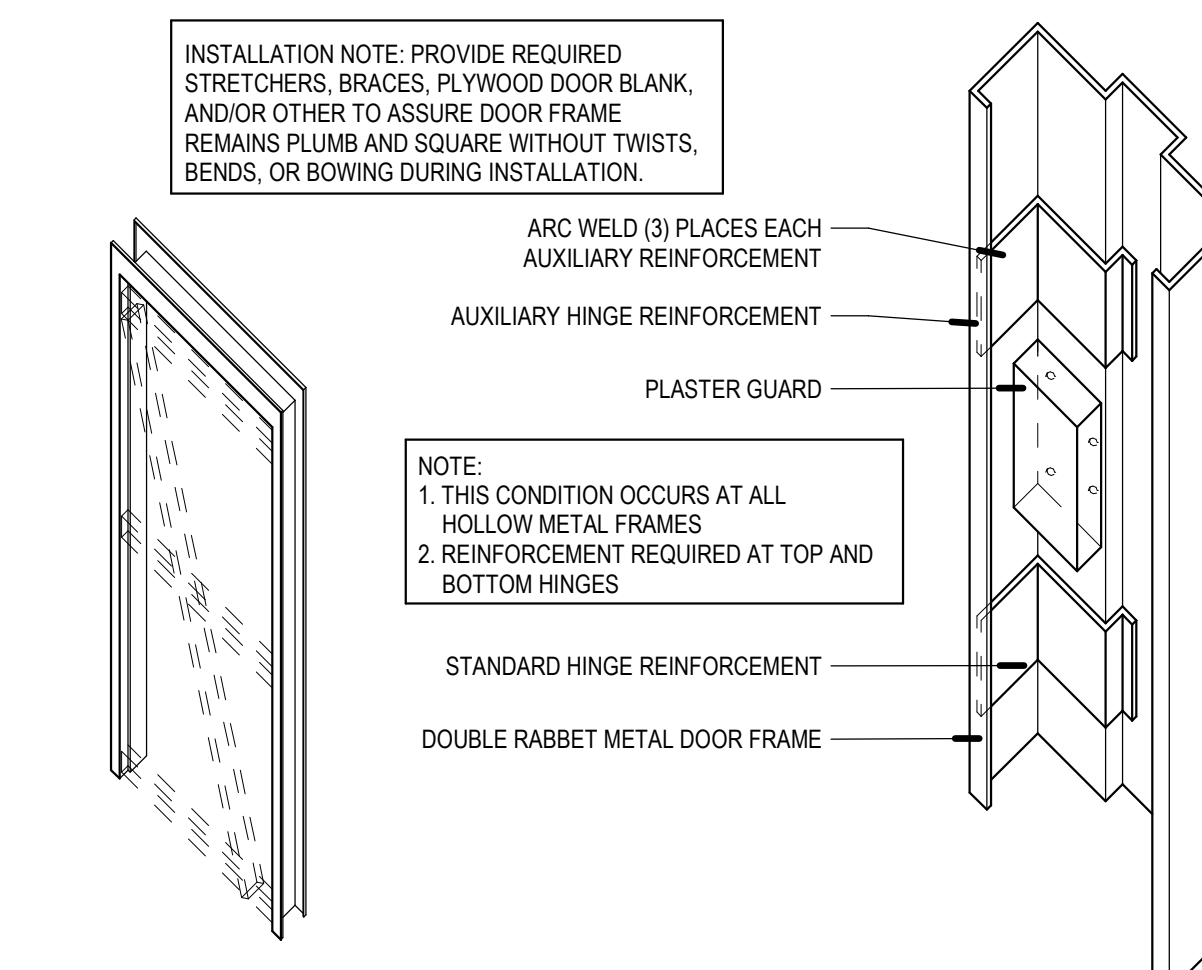
B5 H.M. DOOR JAMB DTL.1
SCALE: 3" = 1'-0"



A5 H.M. DOOR CORNER JAMB DTL.1
SCALE: 3" = 1'-0"



B6 RATED ACCESS DOOR DETAIL
SCALE: 6" = 1'-0"



A6 H.M. FRAME DETAIL
SCALE: NOT TO SCALE

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 22545
CLIENT NUMBER:
DATE: 12-08-2023



REV DATE DESCRIPTION

**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84080

CONSTRUCTION DOCUMENTS

DOOR SCHEDULE

A600

12/14/2023 11:42:17 AM

1. Design Criteria

- 1.1. Governing Building Code2021 International Building Code (IBC)
A. Risk CategoryIV
1.2. Floor Live Loading
A. Intermountain Standard Floor80 psf Live Load + 20 psf Partition Load
1.3. Earthquake
A. Analysis ProcedureASCE 7 Chapter 13 - Seismic Design Requirements for Nonstructural Components
B. Spectral Response Acceleration, S_s0.502
C. Component Importance Factor, I_c1.0
D. Seismic Coefficients for Architectural Components, Medical Equipment
a_p = 1 R_s = 2.5 C_d = 2

2. Structural Steel

- 2.1. Material:
A. All Plates: ASTM A36 (F_y = 36 ksi), except as noted otherwise
2.2. Fabrication and construction shall comply with the following Codes and Standards:
A. American Institute of Steel Construction (AISC) 360-16, "Specification for Structural Steel Buildings"
B. American Welding Society (AWS) D1.1.2015, "Structural Welding Code - Steel" (specific items do not apply when they conflict with the AISC requirements)
2.3. Structural shapes and plates shall be fabricated from newly rolled (milled) one-piece sections without splices, unless specifically noted otherwise on the structural drawings. Connections for structural steel shall comply with the structural drawings, unless written approval is given by the Structural Engineer.
2.4. Welding:
A. It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.
B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
C. Electrodes: E-70 XX or as noted otherwise. E80 XX may be used for welding steel floor and roof decks.
D. Minimum Welds: All intersecting steel shapes that are not bolted shall be connected by a fillet weld all around, unless noted otherwise. Fillet weld sizes that are not shown shall be 1/16" less than the thinnest of the connected parts for thicknesses 1/4" and larger. Fillet welds on plates less than 1/4" shall be of the same size as the thickness of the connected parts.
E. Bolts: Do not apply any welds, including "tack" welds to bolts, including anchor bolts, except as specifically detailed in the drawings.

3. Slotted Channel Framing (Strut)

- 3.1. Unistrut channels and connectors are used as the basis of design.
A. Other manufacturer's members and connectors must be submitted for review and approved by the Engineer prior to use, and shall clearly indicate all code reports, load capacities and engineering associated with their use. Follow all manufacturer's recommendations for the use of these products.
3.2. Materials and Finish:
A. Cold-formed to size from low carbon strip steel.
B. Manufactured from raw steel in accordance with:
1. 12 Gauge sections: ASTM A570 Grade 33 or ASTM A653 Grade 33
2. 14 Gauge sections: ASTM A570 Grade 33 or ASTM A653 Grade 33
3. 16 Gauge sections: ASTM A366 or ASTM A653 Grade 33
4. 19 Gauge sections: ASTM A366
C. Slotted Channel Fittings shall be:
1. Punch press made from hot rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM A575, A576, A635, or A36.
2. Used with fitting steel meeting the physical requirement of ASTM A570 Grade 33.
3. Free from scale with a smooth surface.
D. Screws shall conform to SAE J429 Grade 2 or ASTM A307.
E. Bolts shall conform to the following ASTM Standards:
a. 1/4" & 5/16" Diameter - A1011 SS Grade 33.
b. 3/8", 7/16" & 1/2" Diameter - A576 Grade 1015 Modified
c. 5/8" & 3/4" Diameter - A36 or A675 Grade 60.
2. 7/8" Diameter - A36 bolts shall be machine/manufactured to meet the Unified Screw Thread Standard, ANSI B1.1, coarse series (UNC) class 2.
F. Channel nuts shall be case hardened after machining, assuring positive biting action into the returned edge of slotted channel framing.
G. Epoxy Painted: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A1011 SS Grade 33, then painted with water born epoxy applied by a cathodic electro-deposition process. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded hardware).
H. Pre-galvanized Steel: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A653 SS, Grade 33, and mill galvanized in accordance with coating designation G90. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded hardware).

- 3.3. Fabrication and construction shall comply with the following Codes and Standards:
A. ASTM A 123 - Specification for Zinc (Hot-Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip
B. ASTM A653 - General Requirements for Steel Sheet, Zinc-Coated Galvanized by the Hot-Dip Process
C. ASTM A1011 - Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability (Formerly ASTM A570)
D. ASTM F1136 - Standard Specification for Chromium/Zinc Corrosion Protective Coatings for Fasteners
E. ASTM A907 - Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Carbon, Hot-Rolled, Structural Quality
F. ASTM B633 - Specification for Electrodeposited Coatings of Zinc on Iron and Steel
G. WFMA - Metal Framing Manufacturers Association
H. AISI - American Iron and Steel Institute

- 3.4. Strut member shall be fabricated from new one-piece sections without splices, unless specifically noted otherwise on the structural drawings.
3.5. Existing strut members, connectors, and fasteners may not be re-used unless specifically noted on the structural drawings.
3.6. Connections
A. All nuts and bolts shall be tightened to the following values:

Table with 4 columns: Bolt Size, Required Torque (ft-lbs), Max Torque (ft-lbs)

- B. All welds to slotted channel framing members and fittings shall conform to AWS D1.3, Structural Welding Code - Sheet Steel.
3.7. The contractor shall submit shop drawings with complete elevations and details defining framing member sizes, locations, and connection details for review. Shop drawings shall be submitted prior to fabrication.

4. Miscellaneous

- 4.1. Post-Installed Anchors in Concrete
A. Anchorage to hardened concrete shall include all mechanical and adhesive anchors and epoxy dowelled reinforcing bars of size, quantity, spacing, and embedment as shown on the drawings. Additional anchors shall not be used without approval from the Engineer prior to installation.
B. Special inspection is required during the installation of all post-installed anchors. Refer to applicable code evaluation reports and the Quality Assurance and Statement of Special Inspections sections of the General Structural Notes.
C. Alternate anchors or adhesives are permitted with approval of the Engineer. The Contractor shall submit the proposed anchor product data and code evaluation report demonstrating the anchor is equivalent to or exceeds the capacity of the specified anchor.
D. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by an applicable certification program. Certification shall include written and performance tests in accordance with the ACI/CRSI Adhesive Anchor Installer Certification program, or equivalent. Proof of current certification shall be submitted to the Engineer for approval prior to commencement of installation.
E. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:
1. Hole diameter, depth, and cleaning procedure
2. Adhesive mixing, preparation, and placement
3. Installation torque
F. Locate all existing reinforcement and embedded items prior to drilling into concrete elements. Do not damage rebar or embeds while drilling or installing anchors.
G. Grout all defective or abandoned holes with non-shrink grout or an injectable epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally exposed concrete.
H. Carbon steel anchors are limited to use in dry, interior locations.
I. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report.

5. Special Instructions

- 5.1. The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.
5.2. The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omission drawings, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.
5.3. The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layout are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.
5.4. Existing conditions
A. The contract structural drawings represent the reconfigured structure and do not indicate the method or means of construction. The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, procedures, techniques, and sequence.
B. The Contractor is responsible for being knowledgeable on information presented in available new or existing drawings and shall field verify all relevant information. Information available in existing drawings may be incomplete. Contractor shall familiarize themselves with information available in the existing and new drawings, and shall field verify all pertinent information.
C. Contractor shall field verify all existing conditions prior to performing any work, including but not limited to: bidding and estimating, shoring, detailing, fabricating, manufacturing, erecting, or installing any given structural element indicated in the contract drawings.
D. Information on existing conditions provided in the contract drawings are based on information gathered from existing drawings and during limited site observations. If conditions shown do not match existing conditions, contractor shall contact the Architect/Engineer prior to performing any work. Do not proceed until instructions in writing are provided by the Architect/Engineer.
E. Dimensional information provided in the contract drawings on existing conditions are for general information and reference purposes only, and shall not be used for detailing and construction.
F. Contractor shall provide dust, odor, and noise protection, and safety measures as necessary to protect the existing structure, vehicles, building interior, building patrons and other persons for the duration of demolition and construction operations.
G. Contractor shall refer to existing drawings of the existing facility to verify:
a. Structural member sizes and locations, slab thickness
b. Location of previous additions, alterations, or repairs performed at the facility
c. Location of expansion joint systems
d. Location of interior architectural items
H. Demolition at existing conditions
1. Demolition, cutting, drilling, etc. work shall be performed as to not damage existing structure that is to remain and shall jeopardize the structural integrity of the existing building. If any architectural, structural, or MEP members not designated for removal interfere with the new work, the Owner, Architect, and Engineer shall be notified immediately and approval obtained prior to their removal.
2. Contractor shall coordinate location, number and sizes of openings through existing roofs, and walls for air shafts, ducts, piping, and/or conduit with the Architectural, Mechanical, Electrical, Plumbing, and Fire Protection drawings and the respective subcontractors.
I. Contractor shall repair all damage caused during construction or demolition. All damage shall be repaired and restored with similar materials and workmanship to levels acceptable to the Owner.
5.5. Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect for review. Shop Drawings made from reproductions of (these) contract drawings will be rejected.
5.6. Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineers. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.
5.7. Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.
5.8. Notice of Copyright: The structural drawings, plans, schedules, notes and details are hereby copyrighted. No part of these drawings or any part of documents to meet official regulatory requirements or for similar purposes in connection with the project is not to be construed as publication in derogation of Reaveley Engineers' reserved rights. The documents defining the structure are instruments of the responsibility of the General Contractor. If they are not corrected, these documents shall not be reproduced, or copied, in whole or in part by the Contractor or subcontractors for preparation of shop drawings or other submittals.

6. Quality Assurance

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

- 6.3. Structural Observations by the Engineer of Record
A. The Engineer of Record will perform a structural observation at a critical phase of the project. Copies of the Engineer's report will be distributed to the Architect, Contractor, Owner, and QAA.
B. The contractor shall notify the Structural Engineer at least 24 hours in advance before completing the slotted channel framing.
C. Observation visits to the site by the Engineer's field representatives shall not be construed as inspection or approval of construction.

7. Statement of Special Inspections

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

Structural Steel per IBC Section 1705.2.1, 1705.12.1 & 1705.13.1

Table with 3 columns: Item, Frequency, Detailed Instructions

Table with 3 columns: Item, Frequency, Detailed Instructions

ABBREVIATIONS

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

ABBREVIATIONS

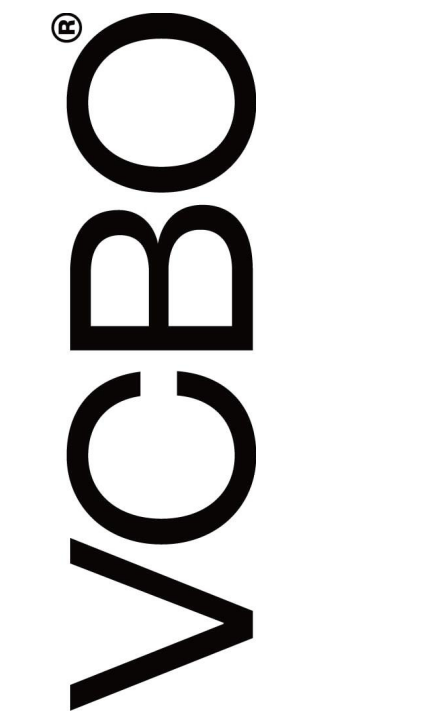
Table of abbreviations: REINF REINFORCING, REOD REQUIRED, SDS SELF-DRILLING SCREW, SFRS SEISMIC FORCE RESISTING SYSTEM, SHT SHEET, SI ARCHITECT INSPECTION (SP. INSP), SIM SIMILAR, SOG SLAB ON GRADE, SQ SQUARE, STAG STAGGERED, STD STANDARD, STIFF STIFFENER, STL STEEL, STRUCT STRUCTURAL, T & B TOP AND BOTTOM, T.O. TOP OF, TEMP TEMPERATURE, THDS THREADS, TOC TOP OF CONCRETE, TOCP TOP OF CONCRETE PIER, TOF TOP OF FOOTING, TOS TOP OF SLAB, TOST TOP OF STEEL, TOW TOP OF WALL, TYP TYPICAL, UNO UNLESS NOTED OTHERWISE, VERT VERTICAL, W.P. WORK POINT, W/ WITH, WF WIDE FLANGE, WFRS WIND FORCE RESISTING SYSTEM, WT WEIGHT, WWF WELDED WIRE FABRIC, YD YARD

PLAN MARKS

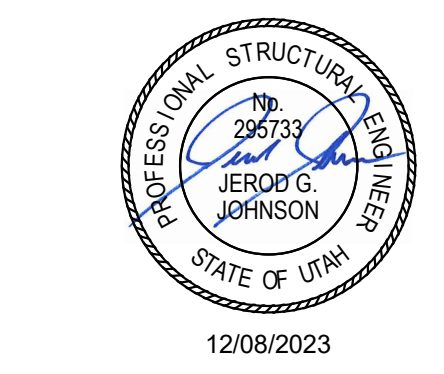
Table of plan marks: BF-# BRACED FRAME, CB-# CONCRETE BEAM, CC-# CONCRETE COLUMN, CCSS-# CANTILEVERED CONCRETE SUSPENDED SLAB, CDP-# CONCRETE DRILLED PIER, CFW-# CONCRETE FOUNDATION WALL, CGB-# CONCRETE GRADE BEAM, CJ-# CONCRETE JOIST, CJC-# CONCRETE JAMB COLUMN, CL-# CONCRETE LINTEL, CP-# CONCRETE PIER, CRW-# CONCRETE RETAINING WALL, CSG-# CONCRETE SLAB ON GRADE, CSH-# CONCRETE SHEAR HEAD, CSS-# CONCRETE SUSPENDED SLAB, CSW-# CONCRETE SHEAR WALL, CW-# CONCRETE WALL, FC# CONTINUOUS FOOTING, FM# MAT FOOTING, FR# RECTANGULAR FOOTING, FS# SQUARE FOOTING, FTS# THICKENED SLAB FOOTING, HD-# HOLD DOWN ANCHOR, MC-# MASONRY COLUMN, MF-# MOMENT FRAME, ML-# MASONRY LINTEL, MP-# MASONRY PIER, MW-# MASONRY WALL, PTB-# POST-TENSIONED CONCRETE BEAM, SBP-# STEEL BASE PLATE, SC-# STEEL COLUMN, SCP-# STEEL CAP PLATE, SD-# STEEL DECK, SDA-# STEEL DECK ATTACHMENT, SG-# STEEL GIRDER, SJ-# STEEL JOIST, SND-# SNOW DRIFT, WB-# WOOD BEAM, WBW-# WOOD BEARING WALL, WC-# WOOD COLUMN, WD-# WOOD DIAPHRAGM, WJ-# WOOD JOIST, WSW-# WOOD SHEAR WALL

STRUCTURAL DRAWING LIST

Table with 2 columns: SHT NO., SHT NAME



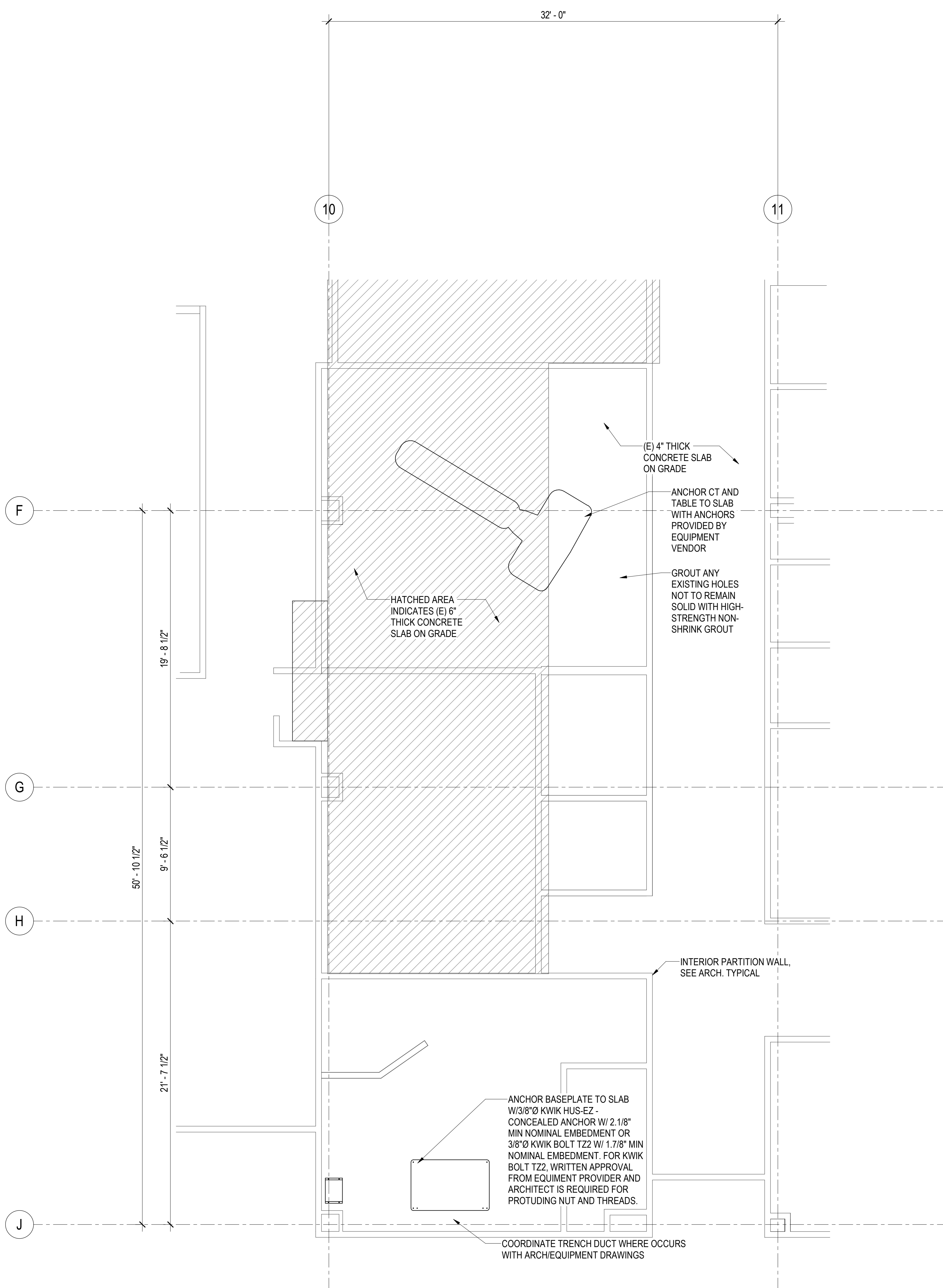
SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84707
435.522.7070
VOCBO.COM
VOCBO NUMBER: 22545
DATE: 12/09/2023



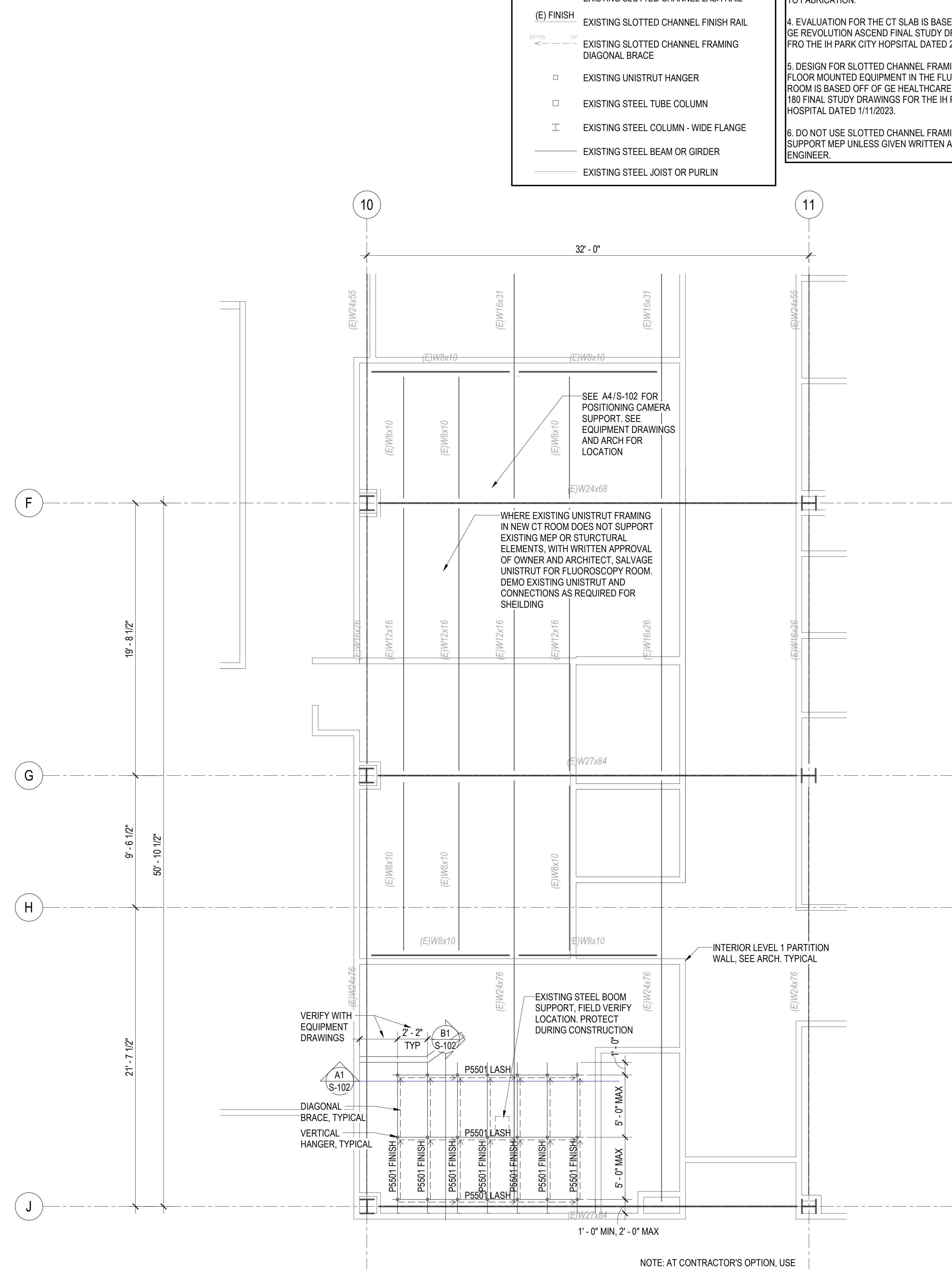
515 East 100 South, Suite 1200
Salt Lake City, Utah 84102
801.496.3883
www.reaveley.com

Table with 2 columns: REV, DATE, DESCRIPTION

INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS



A1 PARTIAL LEVEL 1 FRAMING PLAN
S-101 SCALE: 1/4" = 1'-0"



A2 PARTIAL LEVEL 2 FRAMING PLAN (LEVEL 1 CEILING EQUIPMENT SUPPORT)
S-101 SCALE: 1/4" = 1'-0"

PLAN LEGEND	
	INTERIOR WALLS, SEE ARCH
	LASH SLOTTED CHANNEL LASH RAIL. SEE A5/S-103
	FINISH SLOTTED CHANNEL FINISH RAIL. SEE A5/S-103
	UNISTRUT HANGER
	SLOTTED CHANNEL FRAMING DIAGONAL BRACE
	(E) LASH EXISTING SLOTTED CHANNEL LASH RAIL
	(E) FINISH EXISTING SLOTTED CHANNEL FINISH RAIL
	EXISTING SLOTTED CHANNEL FRAMING DIAGONAL BRACE
	EXISTING UNISTRUT HANGER
	EXISTING STEEL TUBE COLUMN
	EXISTING STEEL COLUMN - WIDE FLANGE
	EXISTING STEEL BEAM OR GIRDER
	EXISTING STEEL JOIST OR PURLIN

PLAN NOTES
1. THE CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
2. REPAIR FIREPROOFING WHERE DAMAGED DURING CONSTRUCTION.
3. VERIFY EQUIPMENT SUPPORT DIMENSIONS WITH EQUIPMENT DRAWINGS AND ARCHITECTURAL PRIOR TO FABRICATION.
4. EVALUATION FOR THE CT SLAB IS BASED ON THE GE REVOLUTION ASCEND FINAL STUDY DRAWINGS FROM THE IH PARK CITY HOSPITAL DATED 2/11/2023.
5. DESIGN FOR SLOTTED CHANNEL FRAMING AND FLOOR MOUNTED EQUIPMENT IN THE FLUOROSCOPY ROOM IS BASED OFF OF GE HEALTHCARE PRECISION 180 FINAL STUDY DRAWINGS FOR THE IH PARK CITY HOSPITAL DATED 1/11/2023.
6. DO NOT USE SLOTTED CHANNEL FRAMING TO SUPPORT MEP UNLESS GIVEN WRITTEN APPROVAL BY ENGINEER.

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM
VCBO NUMBER: 22545
DATE: 12/08/2023

PROFESSIONAL ENGINEER
STATE OF UTAH
20253
ERIN C. JOHNSON
12/08/2023

REAVELEY
Engineers

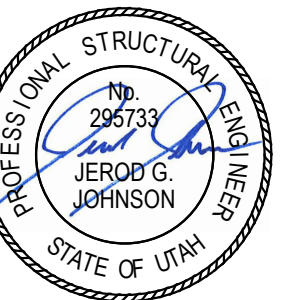
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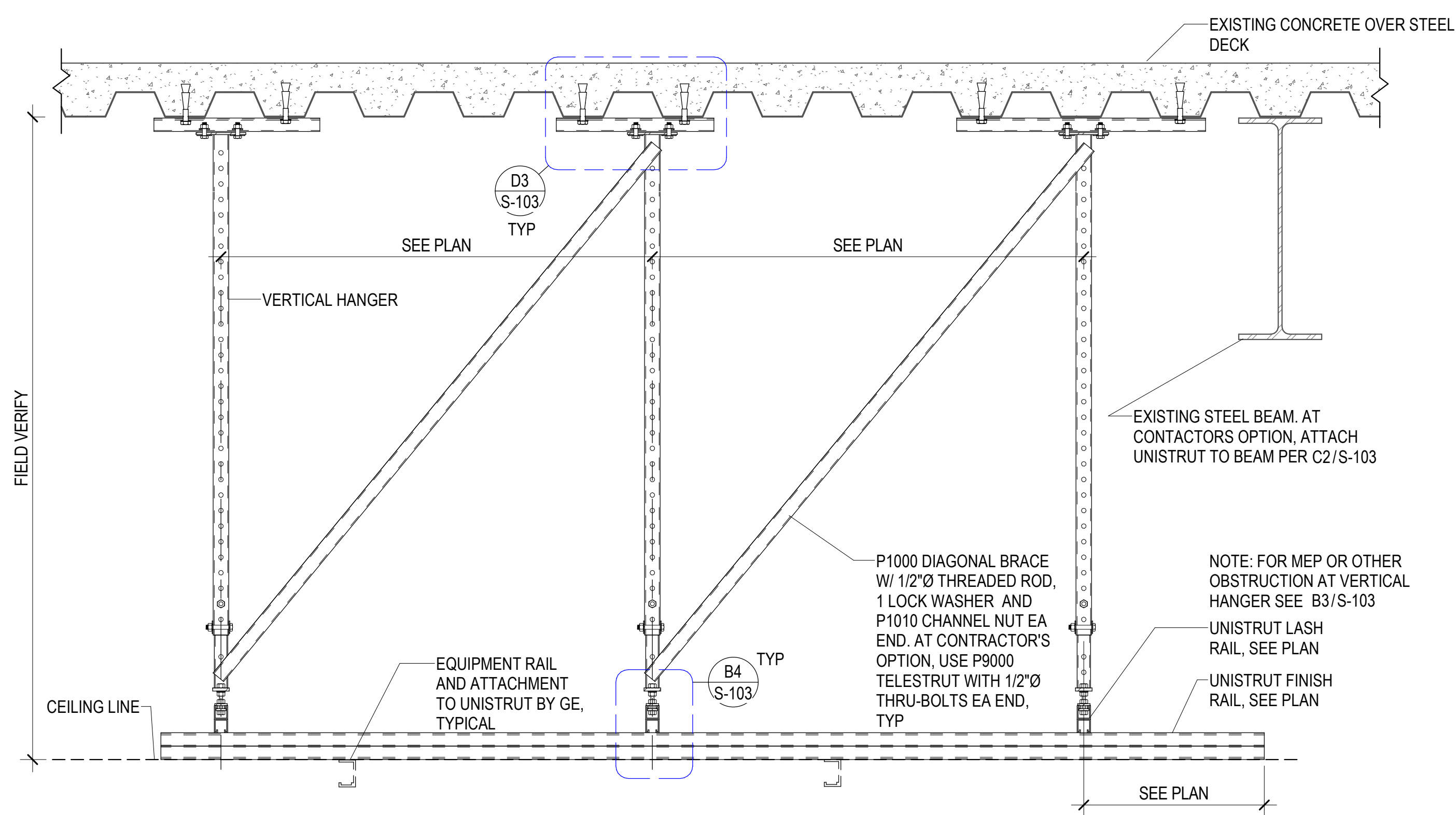
**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**

900 ROUND VALLEY DR, PARK CITY, UT 84080

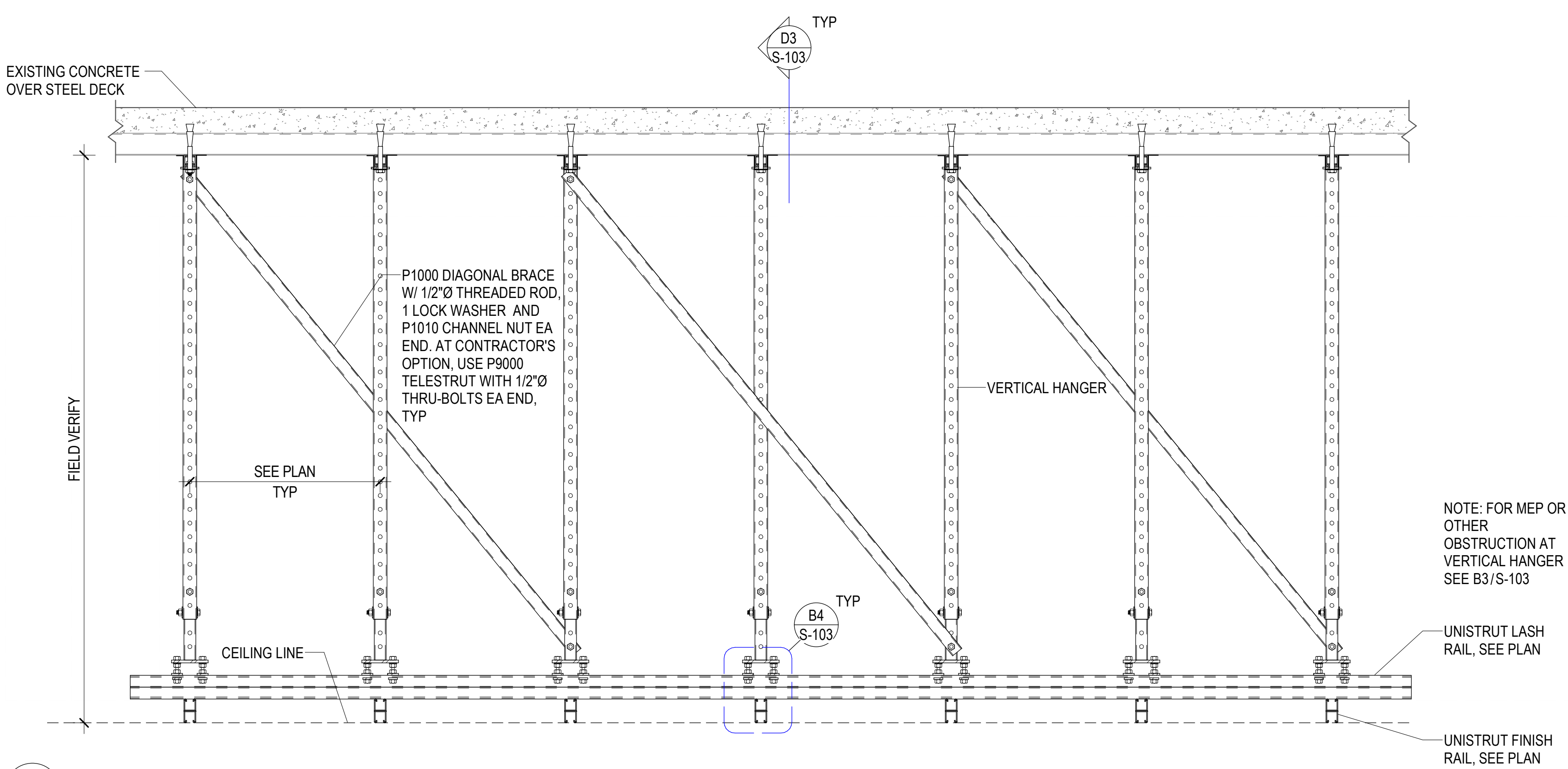
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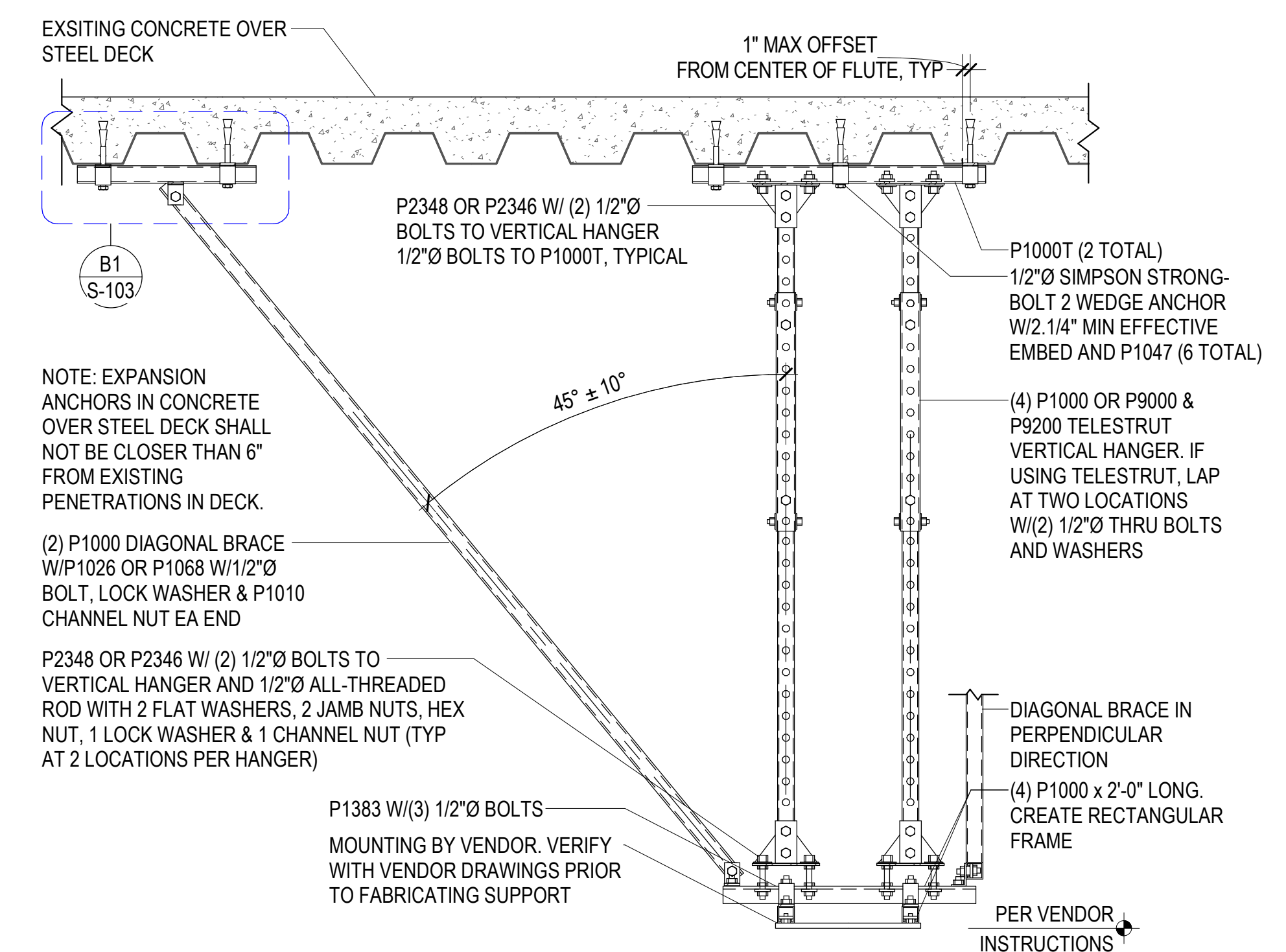
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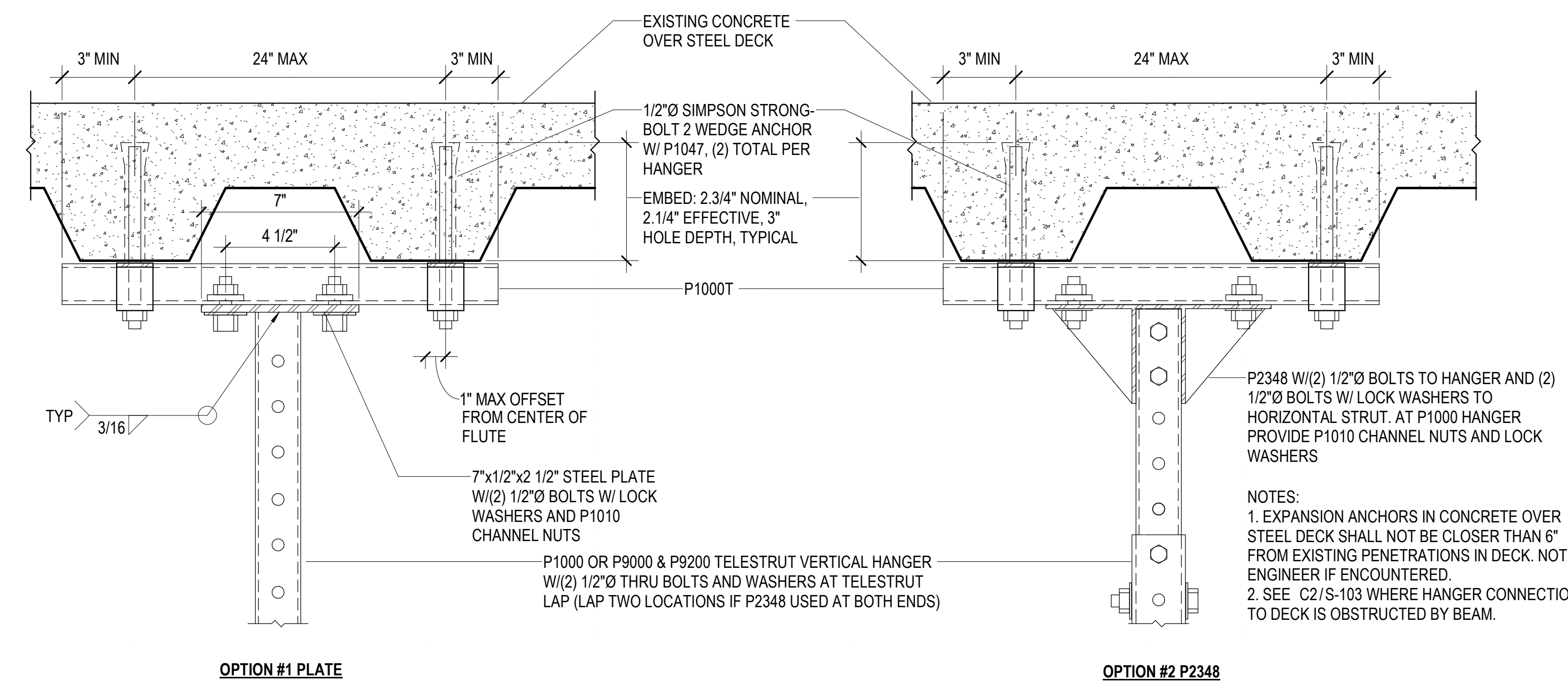
B1 MEDICAL EQUIPMENT SUPPORT DETAIL
S-102 NO SCALE



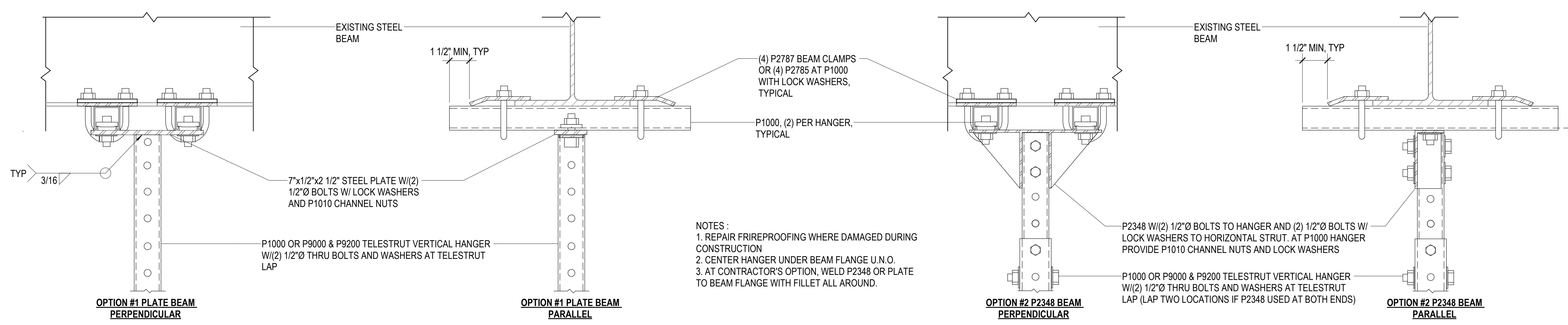
A1 MEDICAL EQUIPMENT SUPPORT DETAIL
S-102 NO SCALE



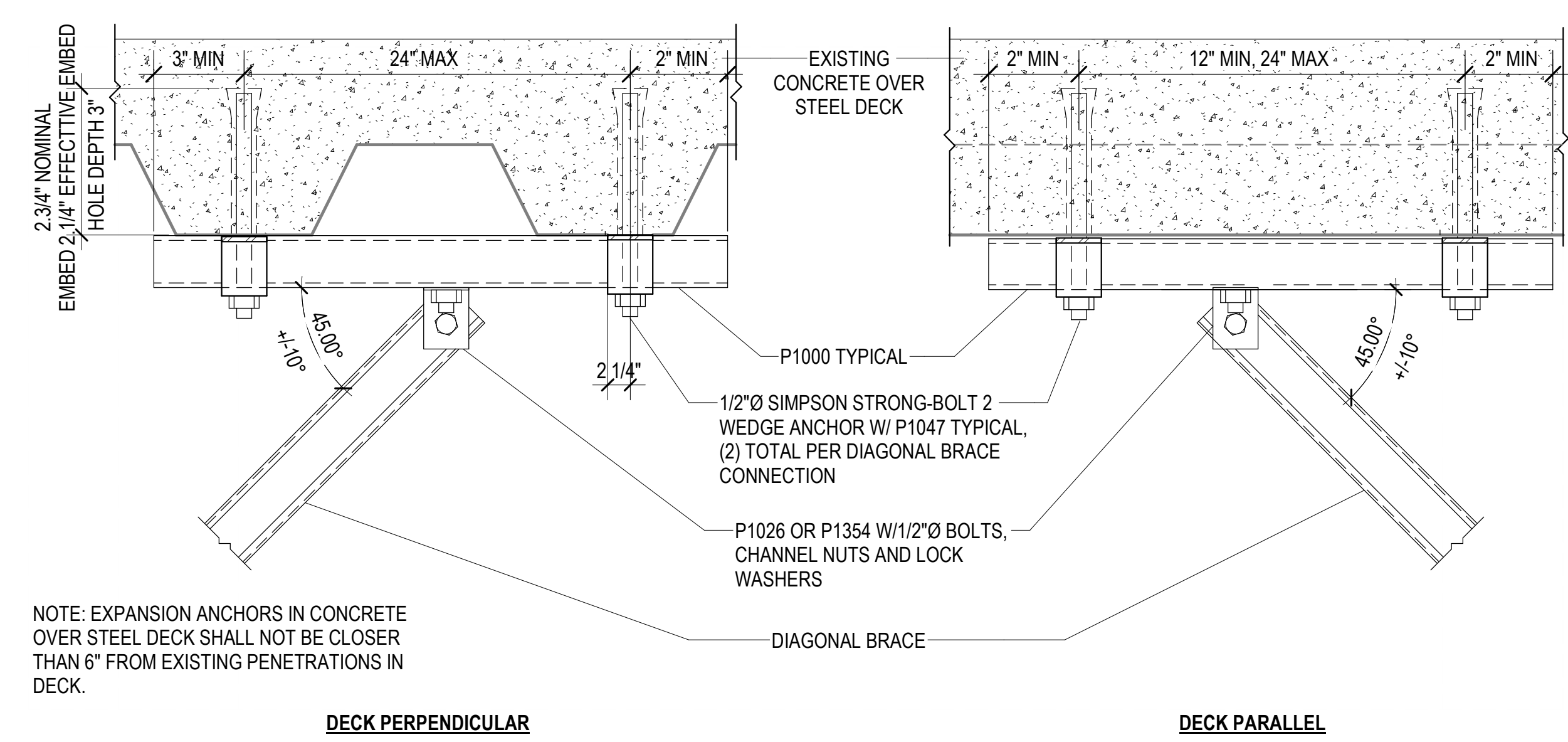
A4 POSITIONING CAMERA SUPPORT
S-102 NO SCALE



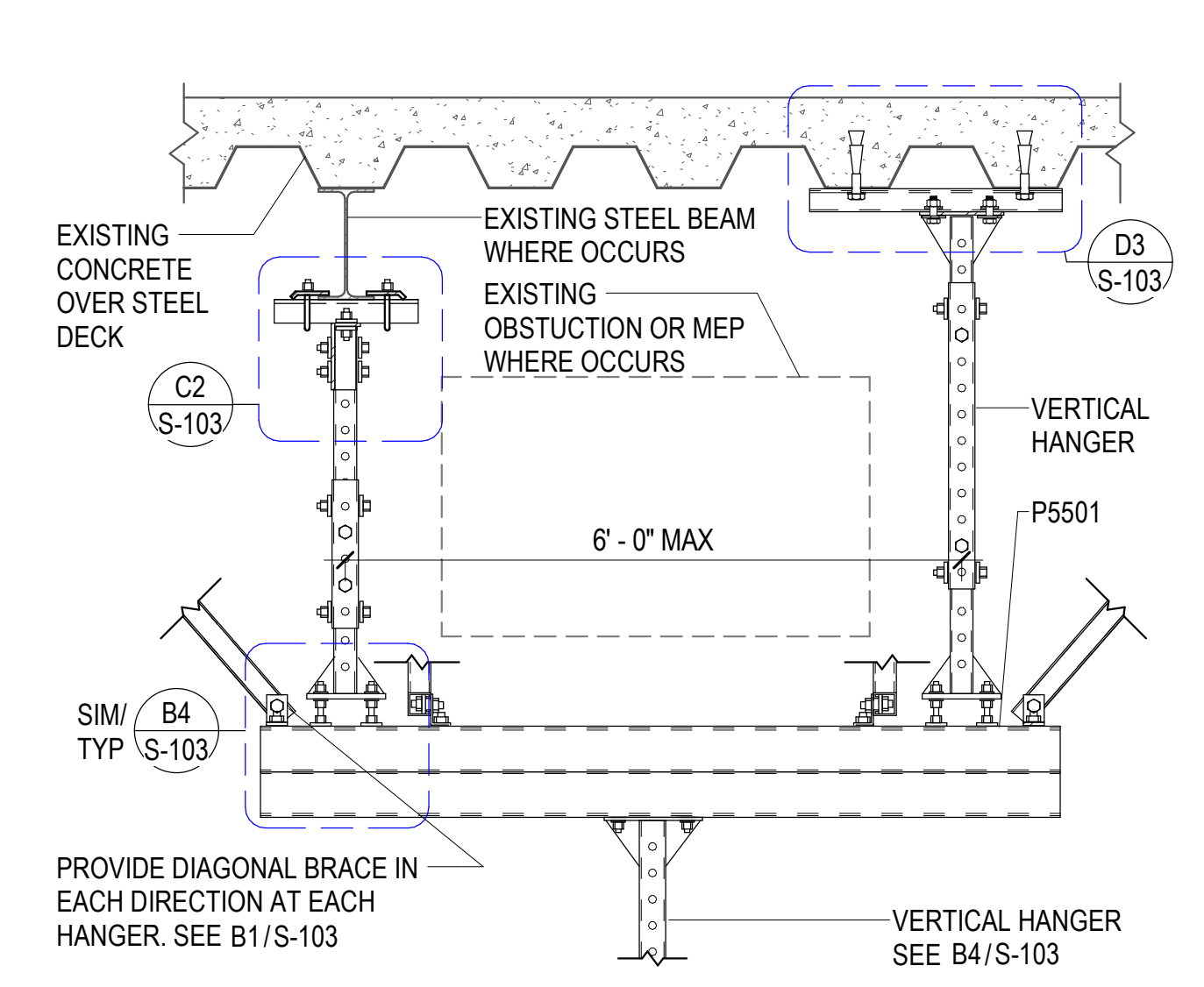
D3 TYPICAL SLOTTED CHANNEL VERTICAL HANGER TO CONCRETE OVER STEEL DECK
S-103 NO SCALE



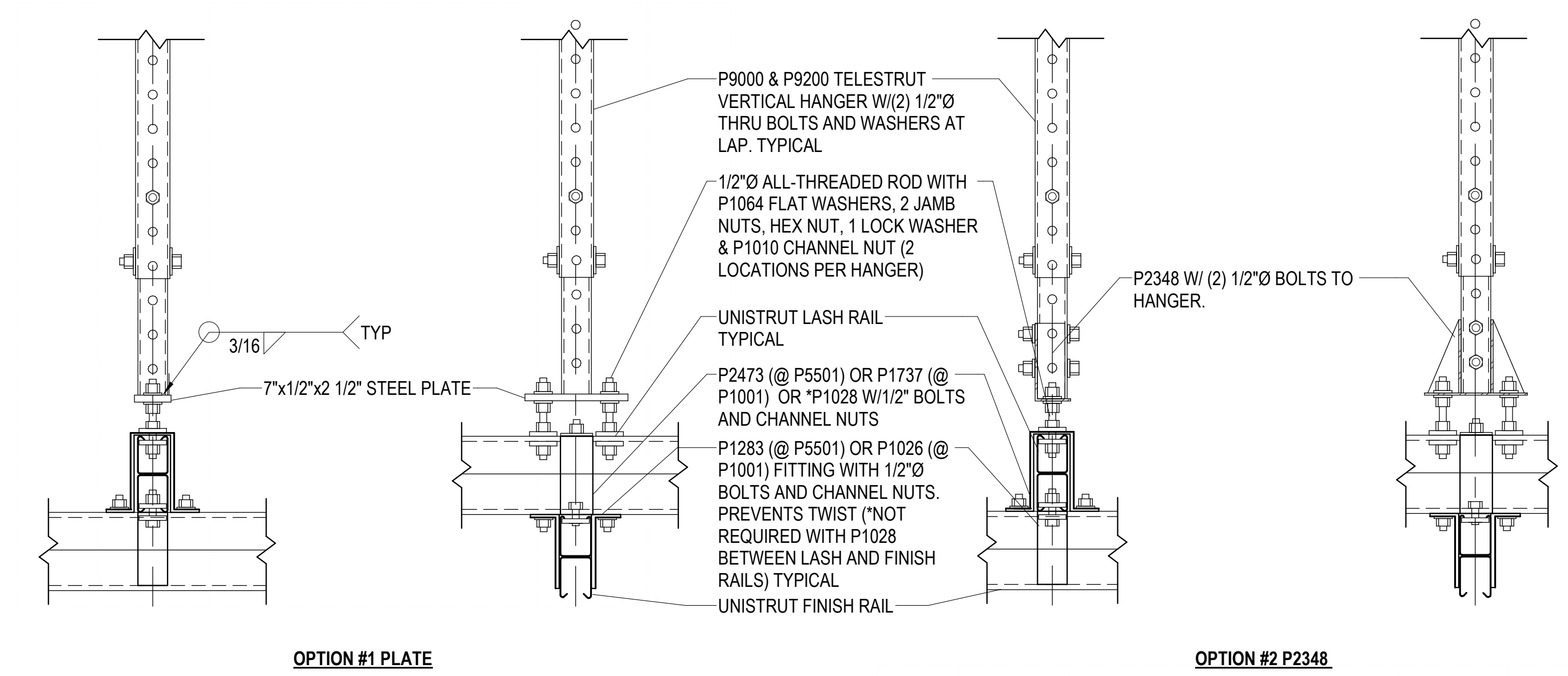
C2 TYPICAL SLOTTED CHANNEL VERTICAL HANGER TO STEEL BEAM
S-103 NO SCALE



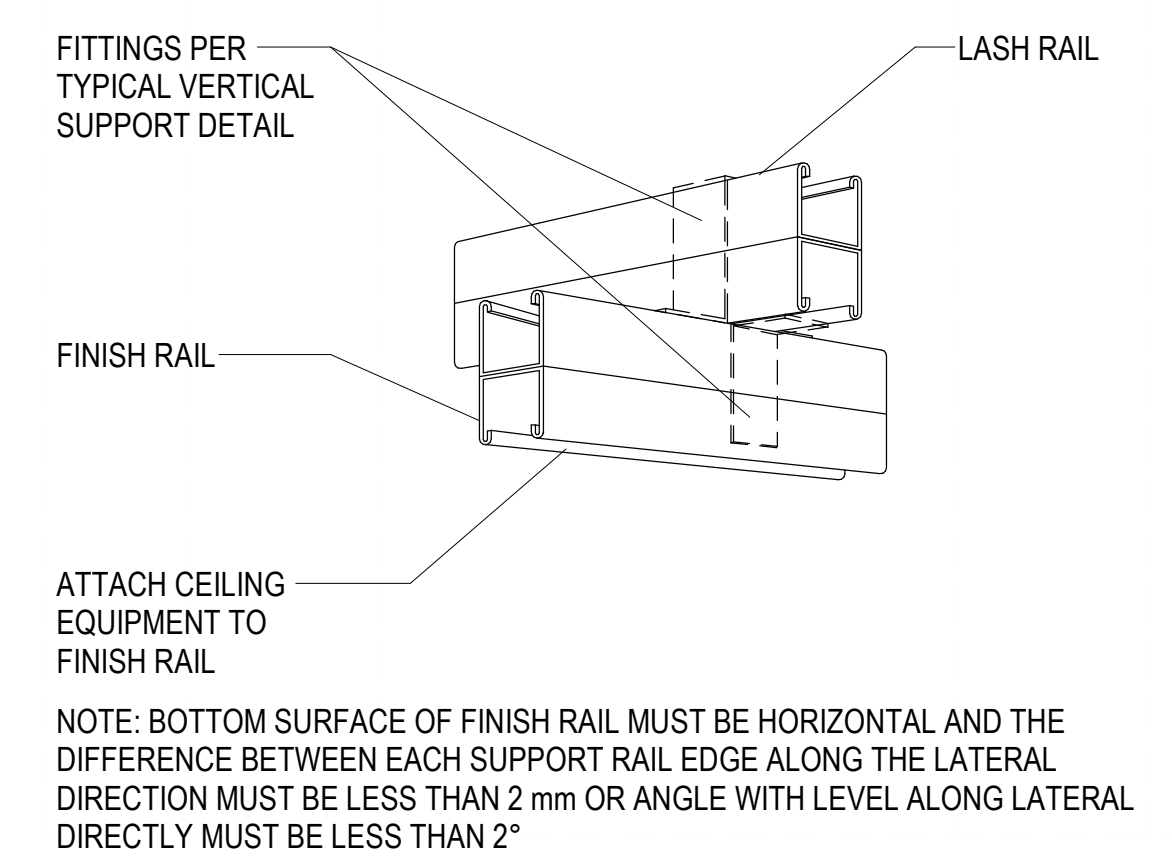
B1 TYPICAL SLOTTED CHANNEL DIAGONAL BRACE TO CONCRETE OVER STEEL DECK
S-103 NO SCALE



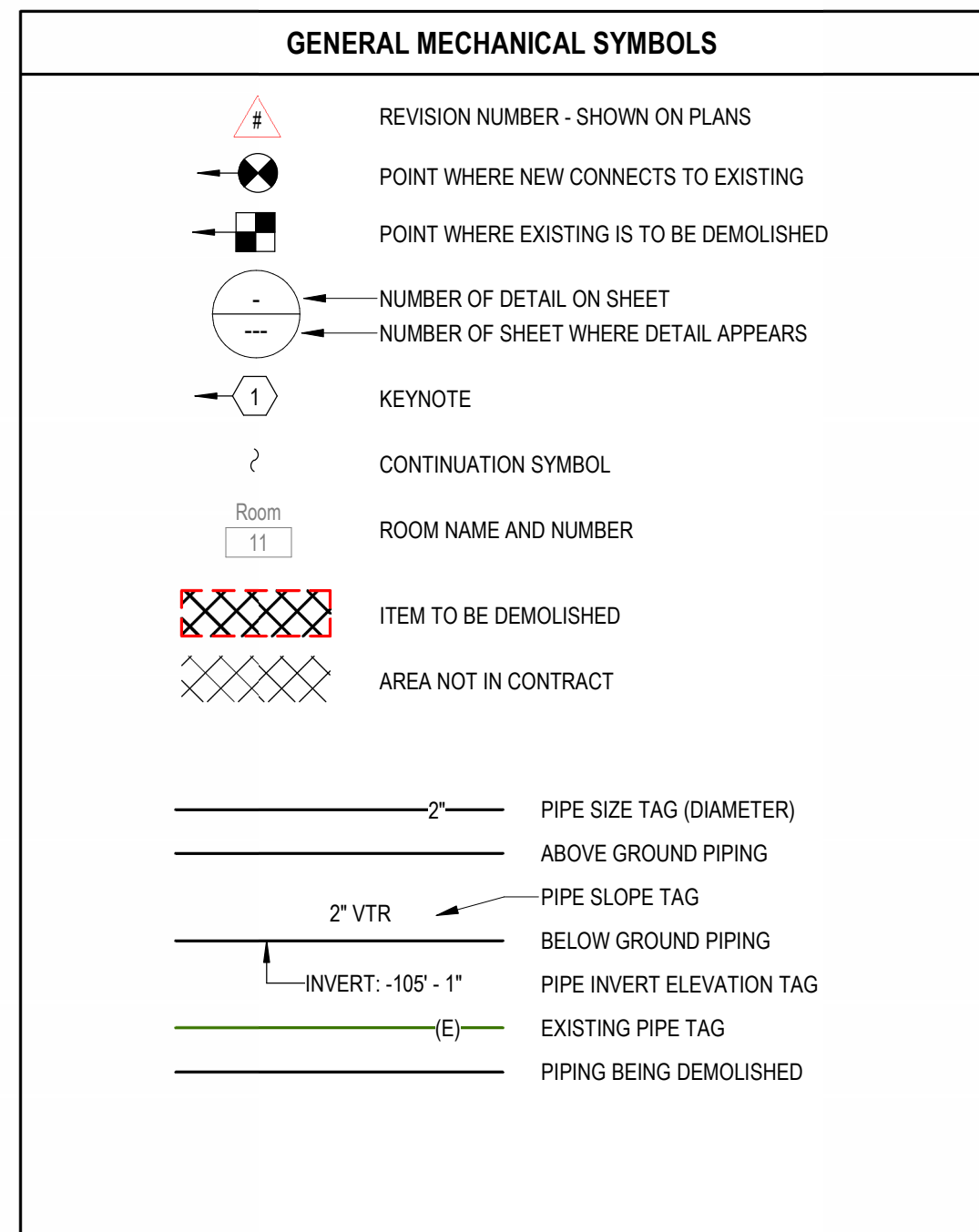
B3 TYPICAL SLOTTED CHANNEL TRAPEZE AT EXISTING OBSTRUCTION
S-103 NO SCALE



B4 TYPICAL SLOTTED CHANNEL VERTICAL SUPPORT DETAIL
S-103 NO SCALE

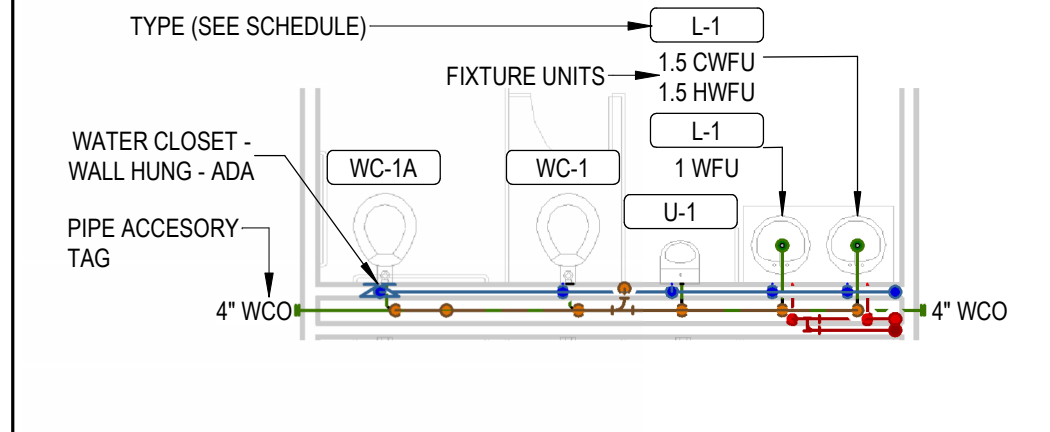
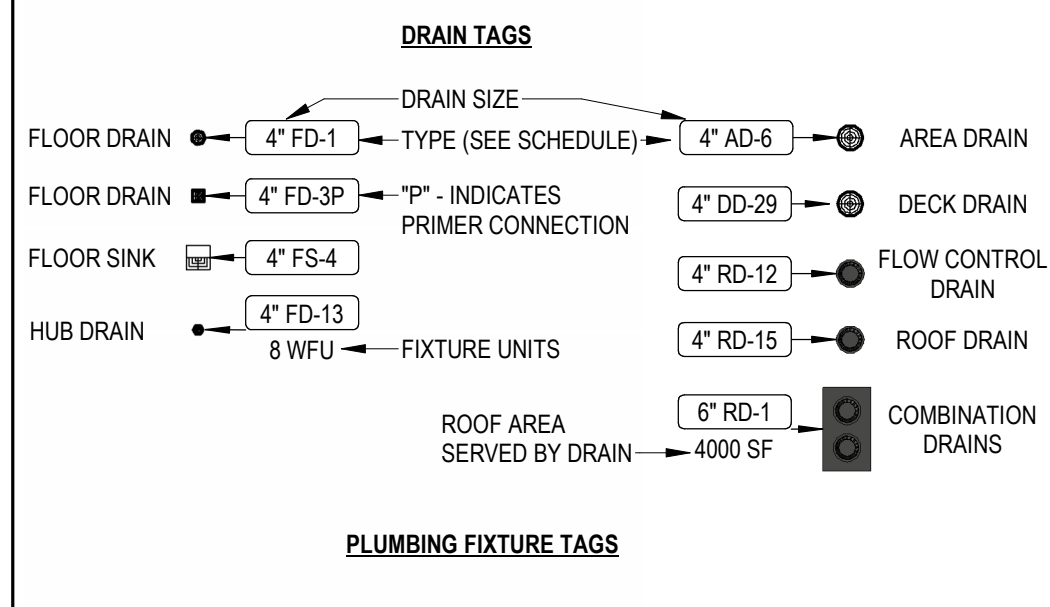
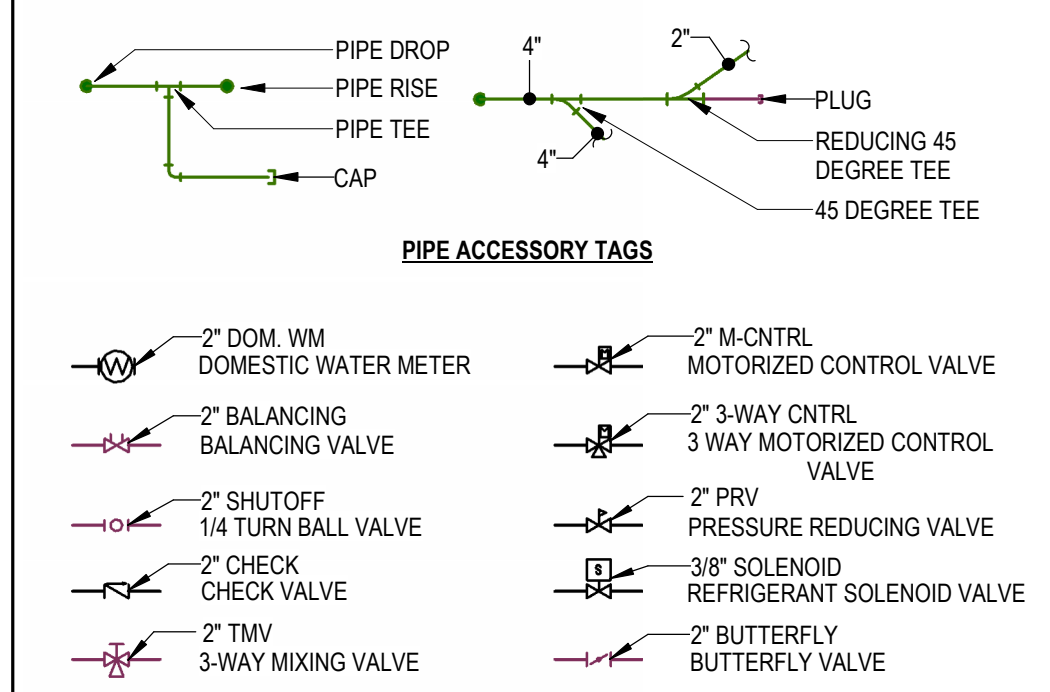
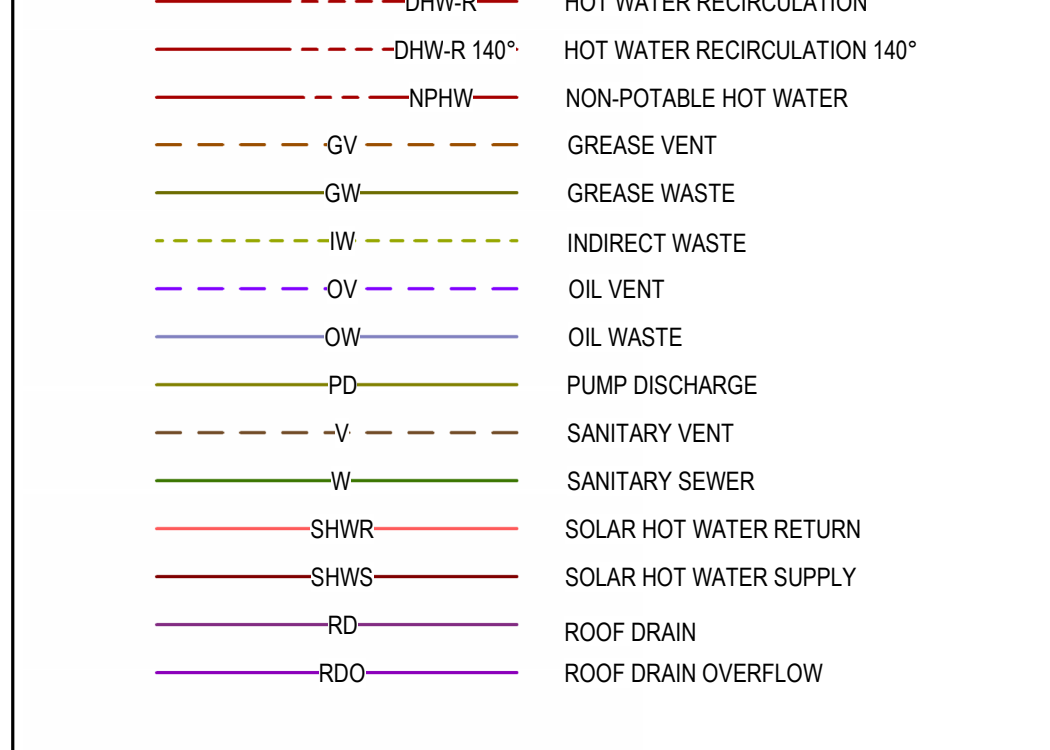
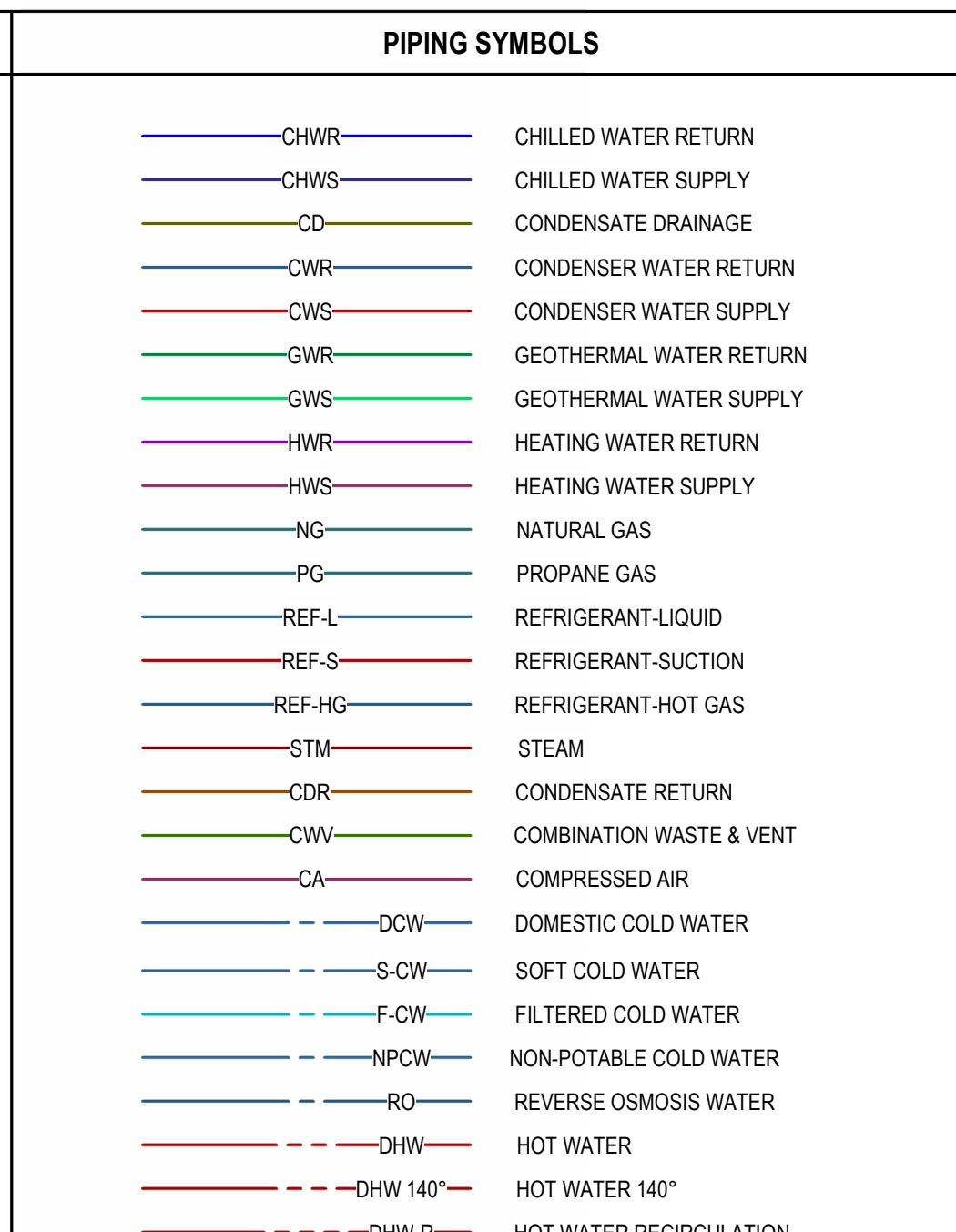
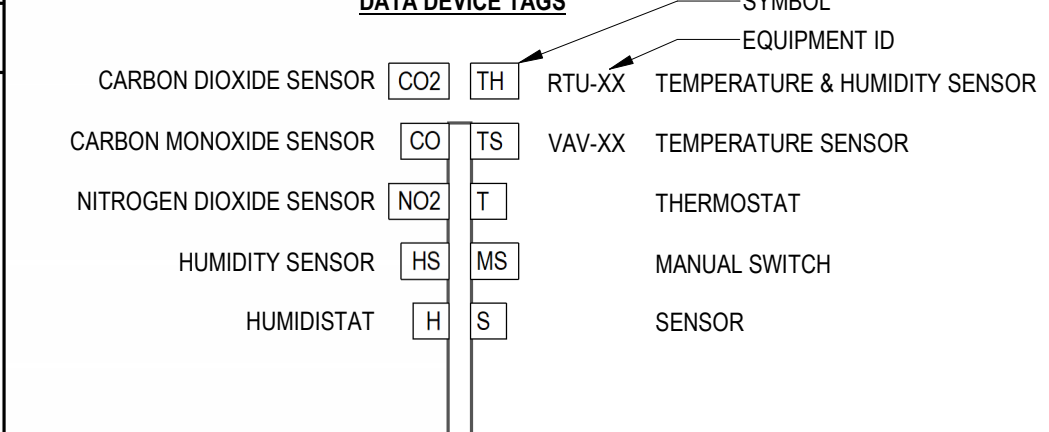
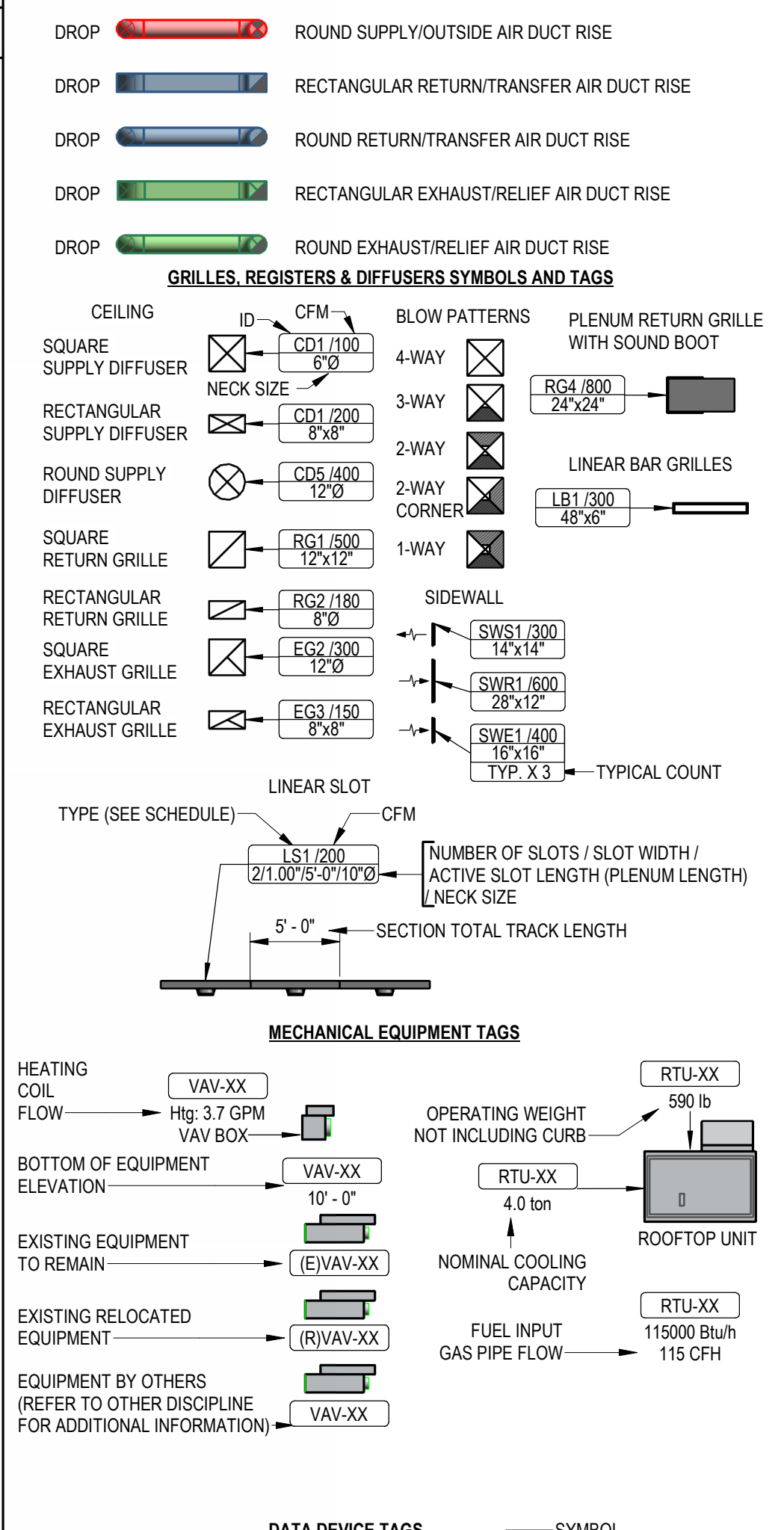
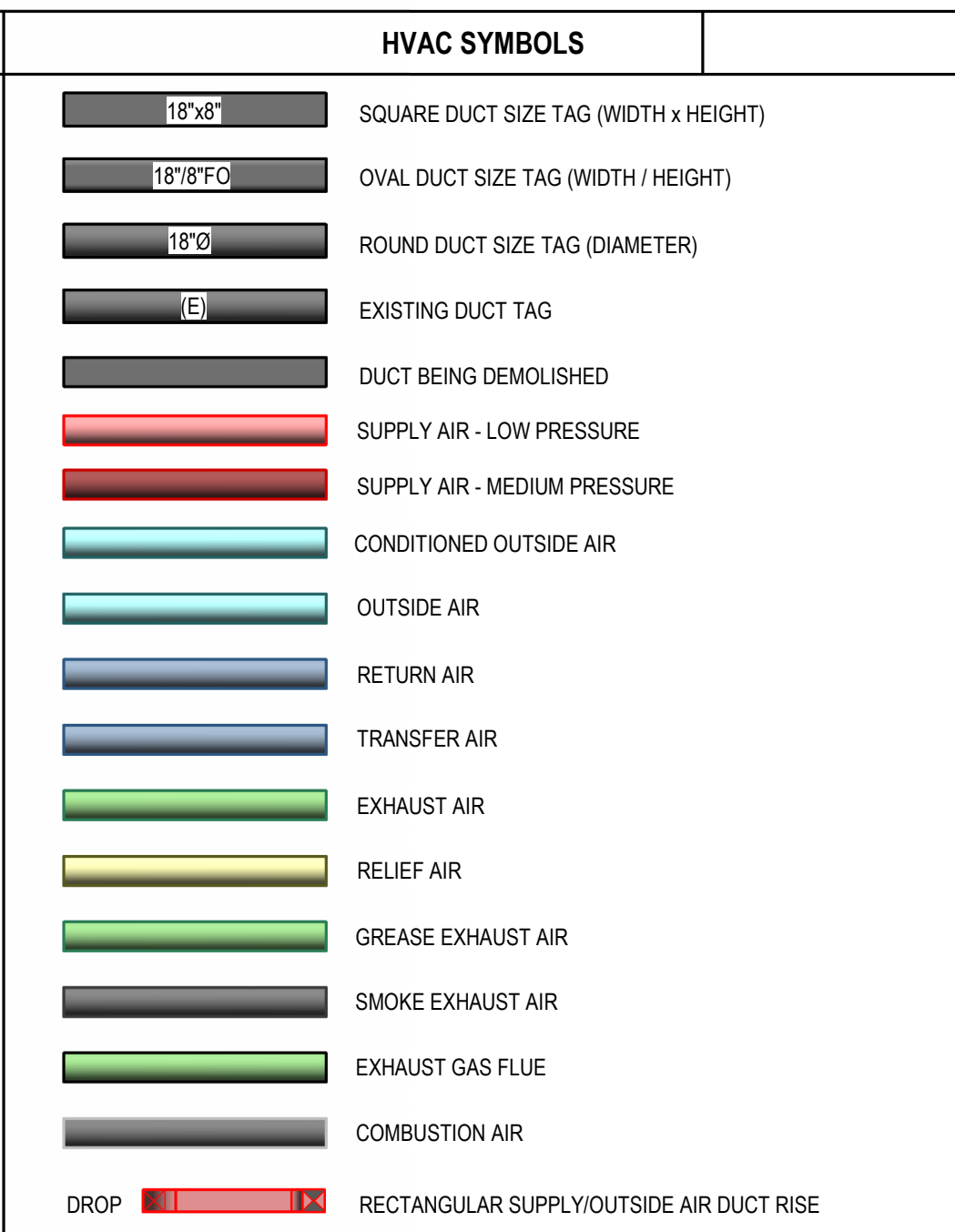


A5 TYPICAL SLOTTED CHANNEL CONFIGURATION
S-103 NO SCALE



ABBREVIATIONS

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MA	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
D	DEGREE	O	OXYGEN
DB	DRY BULB	O/A	OUTSIDE AIR
DOW	DOMESTIC COLD WATER	PD	PRESSURE DROP
DHW	DOMESTIC HOT WATER	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DISTILLED WATER	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	PSI	POUNDS PER SQUARE INCH
ELEC	ELECTRICAL	PSIG	POUNDS PER SQUARE INCH GAUGE
EQUIP	EQUIPMENT	PWR	POWER
EWC	ELECTRIC WATER COOLER	R	DUCT RISER
EWT	ENTERING WATER TEMPERATURE	RA	RETURN AIR
EA	EXHAUST AIR	RCF	RADIANT CEILING PANEL
EXIST	EXISTING	RD	ROOF DRAIN
F	FEET	RDO	ROOF DRAIN OVERFLOW
FD	FLOOR DRAIN	REC	REDUCED
FDV	FIRE DAMPER	RED	REDUCER
FDV	FIRE DEPARTMENT VALVE	RH	RELATIVE HUMIDITY
FL	FLOOR	RJA	RELIEF AIR
FO	FUEL OIL	RM	ROOM
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPM	FEET PER MINUTE	SAN	SANITARY
FS	FLOOR SINK	SAF	SQUARE FOOT
FT	FOOT/FEET	SD	SMOKE DAMPER
FTR	FIN TUBE RADIATION	SM	SURFACE MOUNT
GAL	GALLON	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HORSE BIB	TD	TRENCH DRAIN
HP	HORSE POWER	TDR	TEMPERATURE DROP
HTR	HEATER	TEMP	TEMPERATURE
HYD	HYDRANT	TEMP	TEMPERATURE
ID	INDIRECT	U-1	UNDERGROUND
IN	INCH	V	VENT
INV	INVERT	VAV	VARIABLE AIR VOLUME
LB	POUND	VAC	VACUUM
LBHR	POUNDS PER HOUR	V	VENT
LAT	LEAVING AIR TEMPERATURE	VTR	VENT THROUGH ROOF
LP	LOW PRESSURE	W	WASTE
LPG	LIQUEFIED PETROLEUM GAS	WB	WET BULB
		WCO	WALL CLEAN OUT
		WH	WALL HYDRANT



MECHANICAL SHEET INDEX

M000	MECHANICAL TITLE SHEET
M001	MECHANICAL GENERAL NOTES
M101	LEVEL 1 HVAC PLAN
M111	LEVEL 1 MECHANICAL PIPING PLAN
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
P000	PLUMBING TITLE SHEET
F101	LEVEL 1 PLUMBING PLAN
MG101	LEVEL 1 MEDICAL GAS PLAN
F001	FIRE PROTECTION TITLE SHEET
F101	LEVEL 1 FIRE PROTECTION PLAN

NOTE
THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

FIRE PROTECTION GENERAL NOTES

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

PLUMBING GENERAL NOTES

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

MEDICAL GAS GENERAL NOTES

- MEDICAL GAS PIPING IS TO BE RUN ABOVE THE CEILING, UNLESS NOTED OTHERWISE.
- MEDICAL GAS PIPING IS SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- MOUNT ALL SERVICE VALVES NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- ALL SERVICE VALVES SHALL BE LOCKABLE. PROVIDE FRANGIBLE LOCK FOR ALL SERVICE VALVES.
- ALL ZONE VALVE BOXES REQUIRE SOURCE AIR FROM LEFT SIDE AND CONTROLLED AIR FROM RIGHT SIDE.

MECHANICAL GENERAL NOTES

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

MECHANICAL PIPING GENERAL NOTES

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

PROJECT GENERAL NOTES

- THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
 - REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
 - THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
 - THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
 - WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
 - COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILING, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
 - THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
 - FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
 - LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
 - ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
 - COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
 - FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
 - PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
 - TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
 - REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
 - ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
 - FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
 - INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
 - MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, GAS DEVICES, MAINTENANCE ACCESS, ETC.
 - INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
 - LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
 - THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
 - IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
 - DETAILS REFERENCE ALL SHEETS.
 - INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
 - ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 9'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
 - LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS, WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
 - WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
 - CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
- *NOTE*
- ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.

VOBOSALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800ST. GEORGE
20 N. MAIN ST., #103
ST. GEORGE, UT 84770
435.522.7070

VOBO.COM

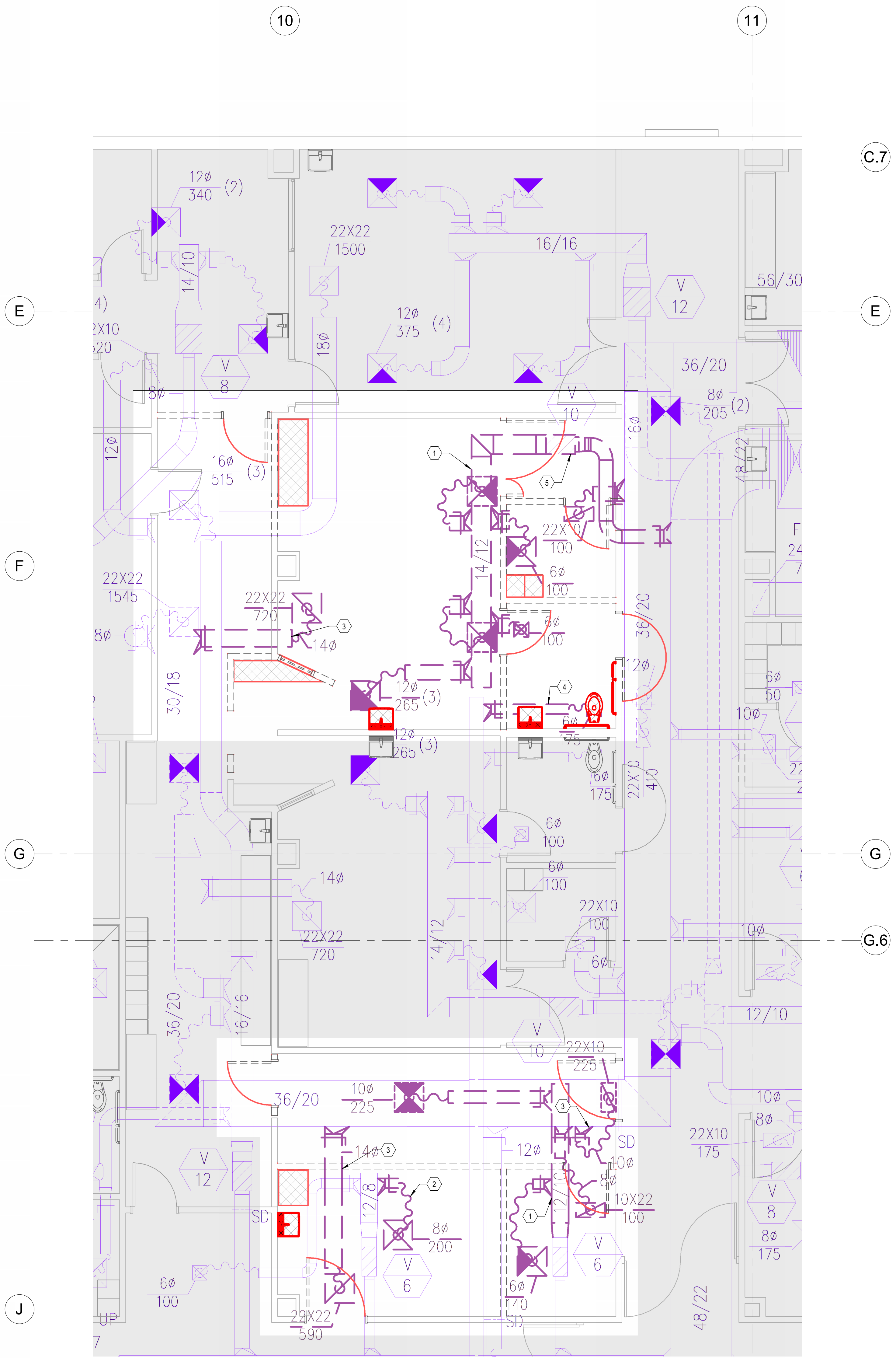
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CLIENT NUMBER: -
DATE: 12-08-2023
181 East 5600 South
Murray, Utah 84107
www.vbfa.com
VBFA Project #: 23696

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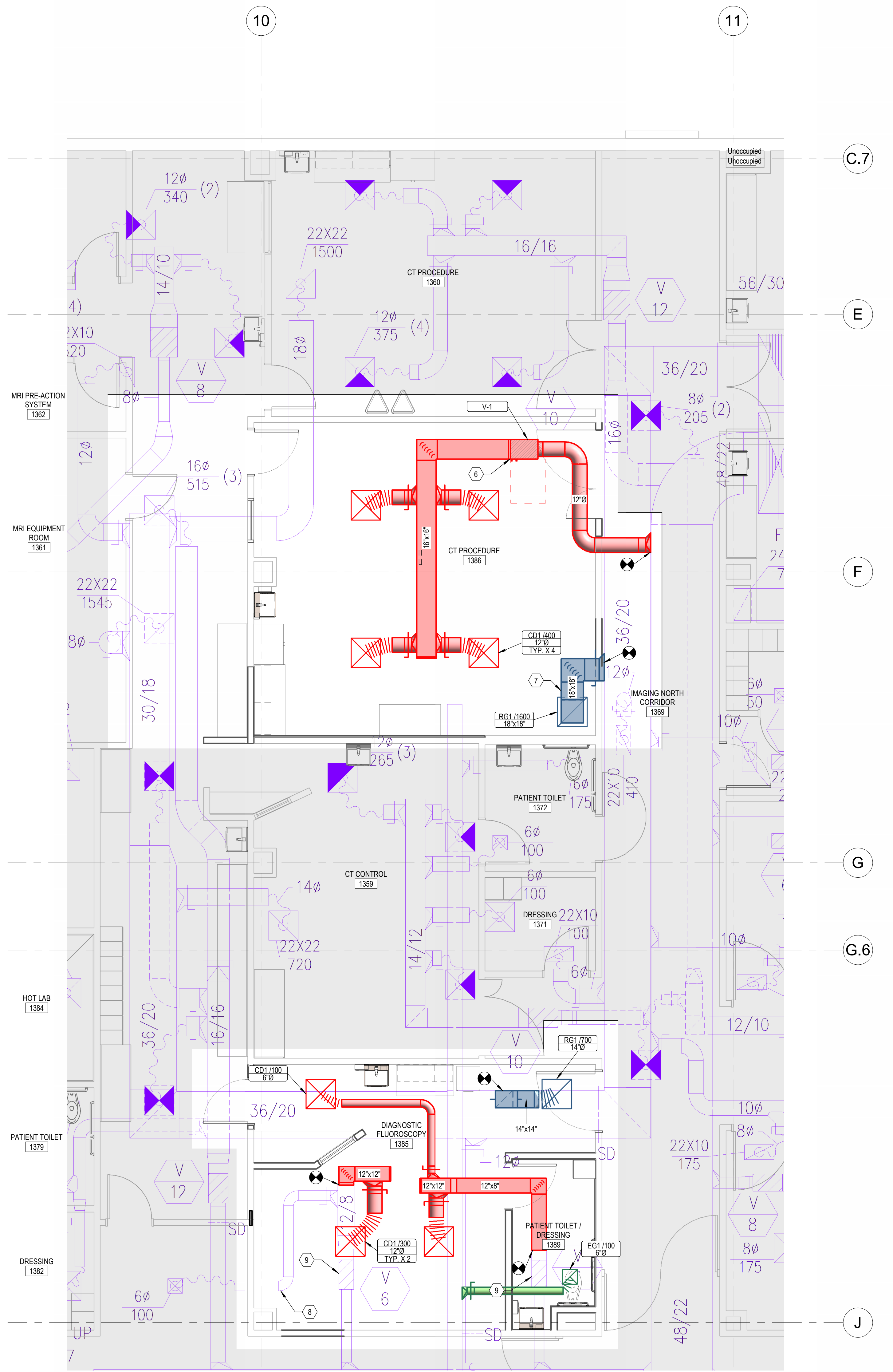
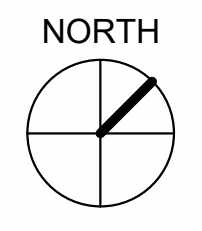
**INTERMOUNTAIN PARK CITY
HOSPITAL IMAGING SUITE REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84000
CONSTRUCTION DOCUMENTSMECHANICAL GENERAL
NOTES**M001**

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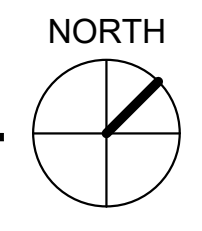
- KEYNOTES**
- 1 ALL LOW PRESSURE DUCTWORK IS TO BE REMOVED FROM EXISTING VAV BOX AS SHOWN.
 - 2 EXISTING LOW PRESSURE SUPPLY DUCT BRANCH AND AIR TERMINAL ARE TO BE REMOVED AS SHOWN.
 - 3 EXISTING LOW PRESSURE RETURN AIR DUCT BRANCH AND AIR TERMINAL ARE TO BE REMOVED AS SHOWN.
 - 4 EXISTING LOW PRESSURE EXHAUST AIR DUCT BRANCH AND AIR TERMINAL ARE TO BE REMOVED AS SHOWN.
 - 5 EXISTING VAV BOX AND ASSOCIATED MEDIUM PRESSURE SUPPLY DUCT ARE TO BE REMOVED AND REPLACED. SEE VIEW #1 ON THIS SHEET.
 - 6 PROVIDE AND INSTALL NEW VAV BOX WITH ASSOCIATED LOW PRESSURE AND MEDIUM PRESSURE DUCTWORK AS SHOWN.
 - 7 PROVIDE AND INSTALL NEW RETURN AIR TERMINAL. PROVIDE HARD DUCT CONNECTION AND CONNECT TO EXISTING RETURN AIR MAIN DUCT.
 - 8 EXISTING SUPPLY DUCT IS TO BE REBALANCED TO 100 CFM.
 - 9 EXISTING VAV AIRFLOW MINIMUM AND MAXIMUM AIRFLOW PARAMETERS ARE TO BE MODIFIED. MINIMUM, MAXIMUM HEATING AND MAXIMUM COOLING AIRFLOW ARE TO BE SET TO 85 CFM, 240 CFM AND 400 CFM RESPECTIVELY. VAV BOXES SERVING THE FLUOROSCOPY ARE TO OPERATE IN UNISON WITH THE SAME AIRFLOW AND DISCHARGE AIR TEMPERATURE.



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

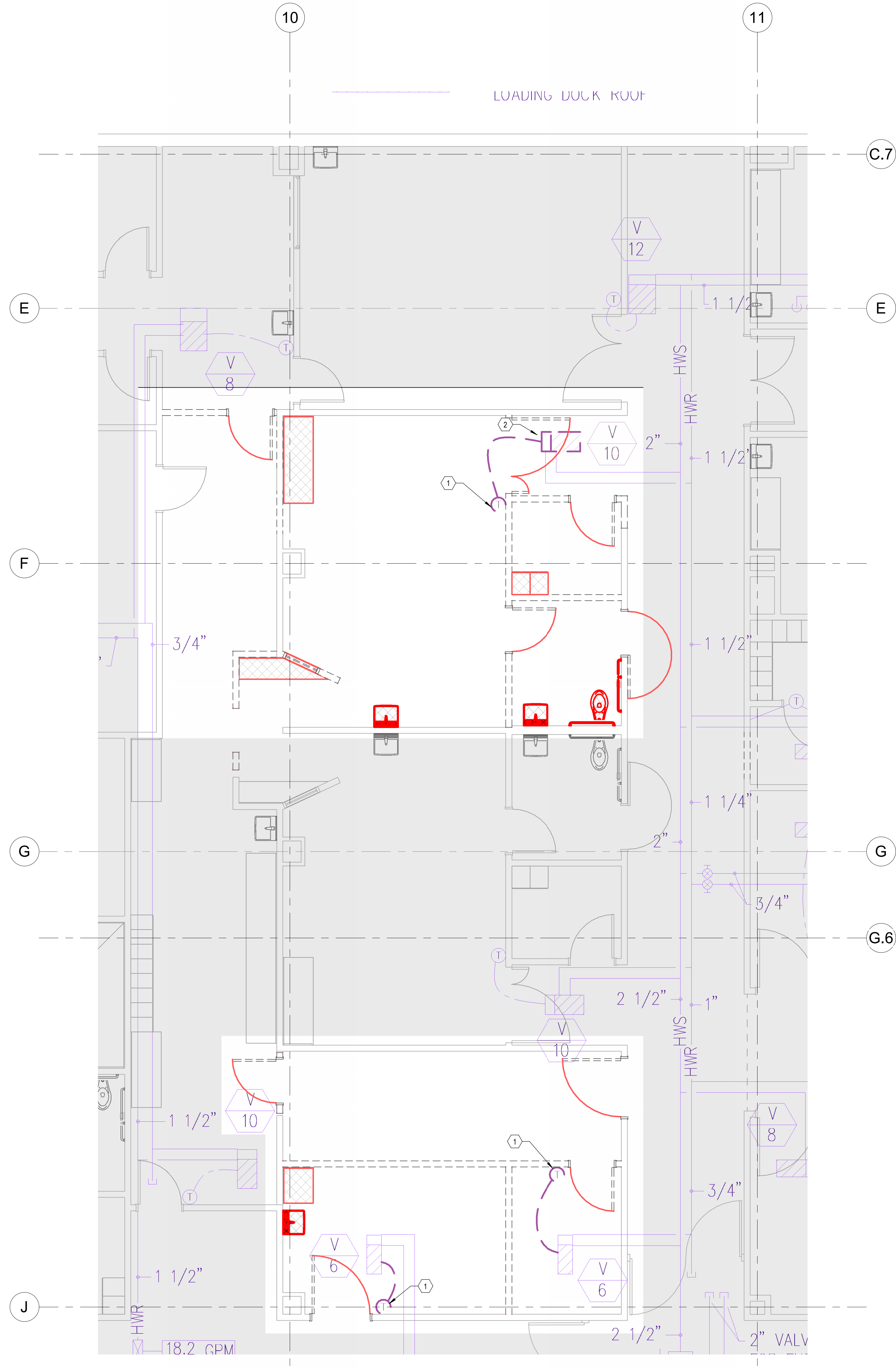


2 LEVEL 1 HVAC PLAN
SCALE: 1/4" = 1'-0"

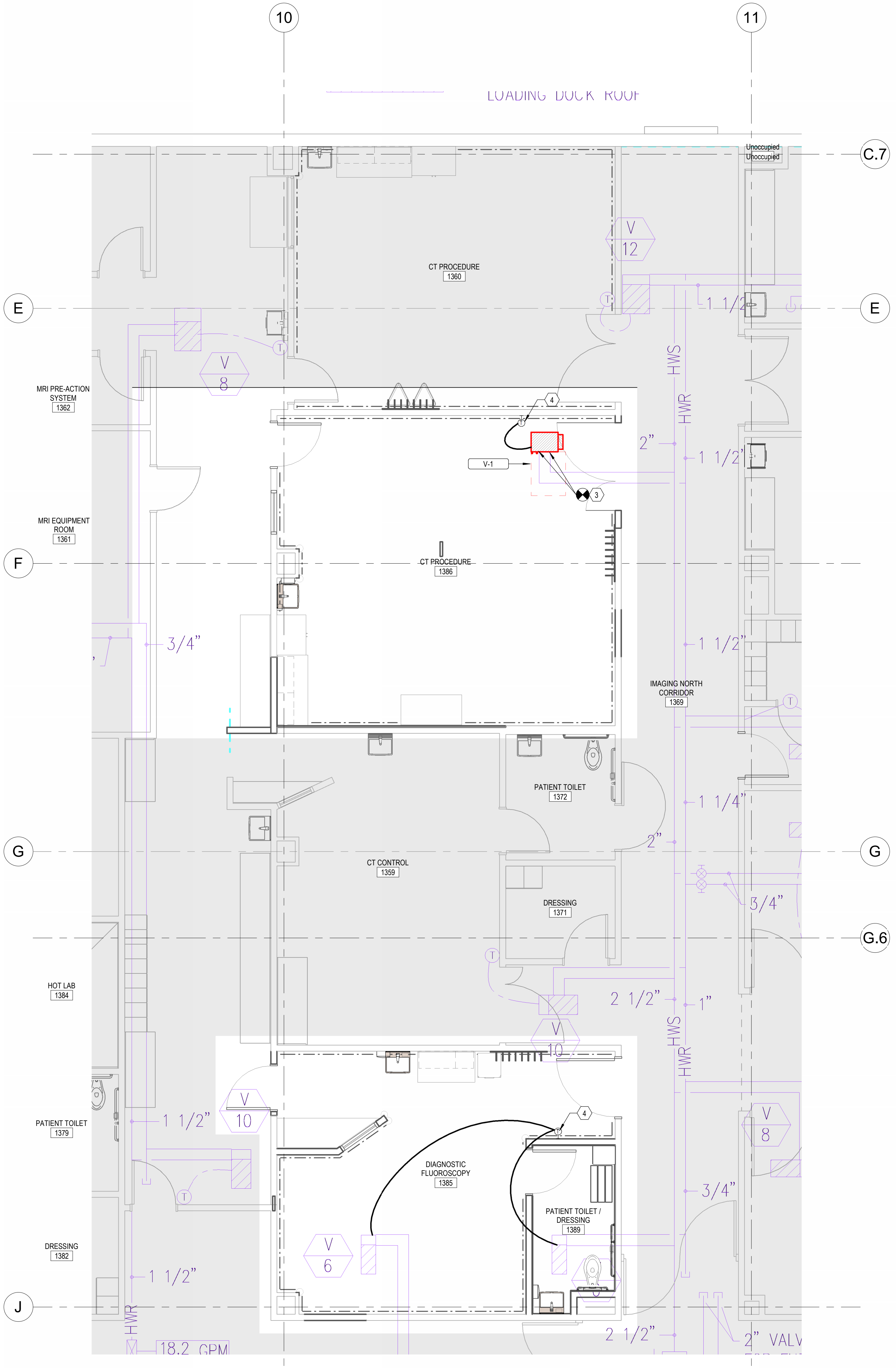


REV	DATE	DESCRIPTION

- KEYNOTES**
- EXISTING THERMOSTAT IS TO BE REMOVED. PROVIDE AND INSTALL NEW. SEE VIEW #2 ON THIS SHEET.
 - HOT WATER PIPES ARE TO BE DISCONNECTED FROM VAV BOX. VAV BOX IS TO BE REMOVED AND REPLACED. SEE VIEW #2 ON THIS SHEET.
 - RECONNECT EXISTING HOT WATER PIPES TO NEW VAV BOX. EXISTING BALANCING VALVE IS TO BE BALANCED TO 1.5 GPM.
 - PROVIDE AND INSTALL NEW THERMOSTAT. THERMOSTAT IS TO BE PLACED 48" AFF. TIED TO VAV BOX(ES) AS INDICATED.



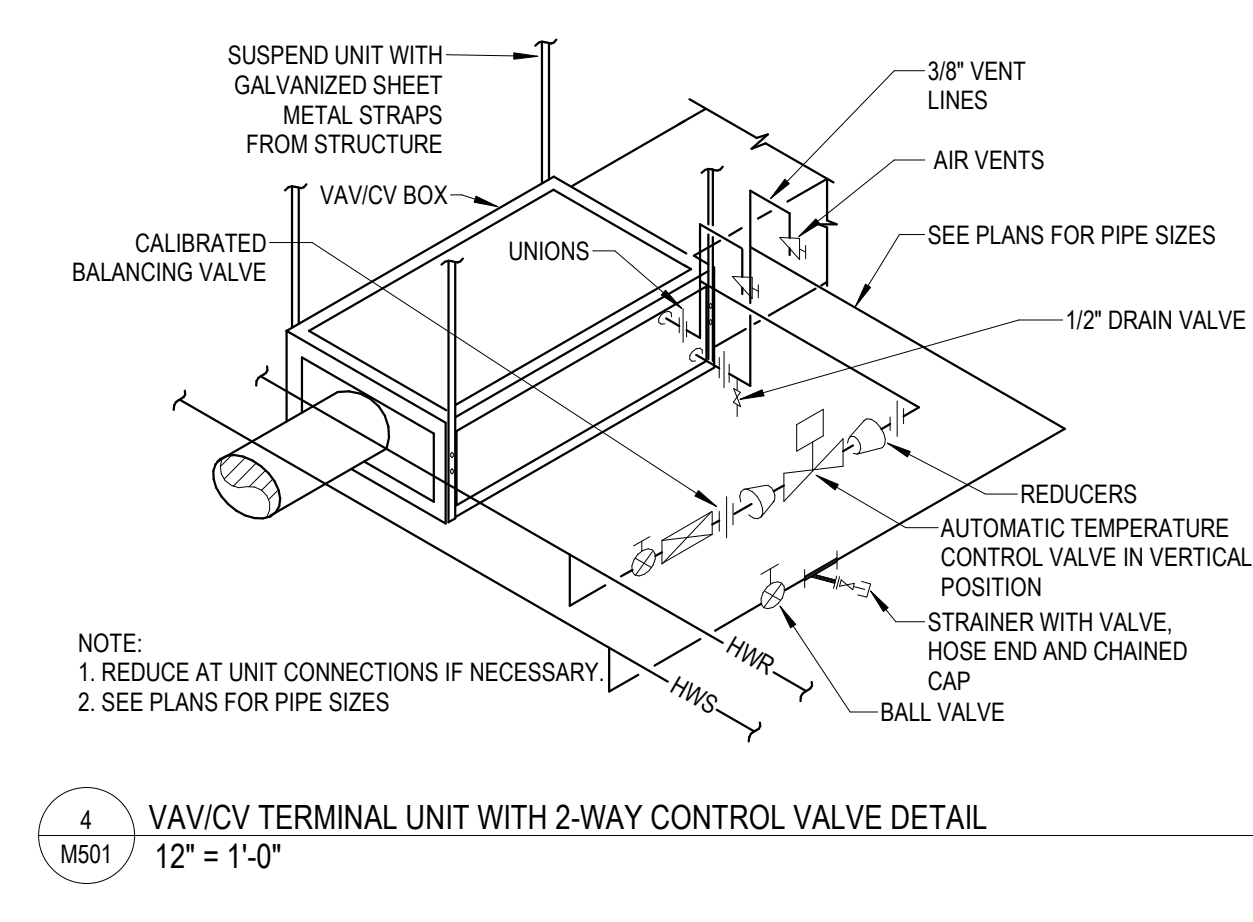
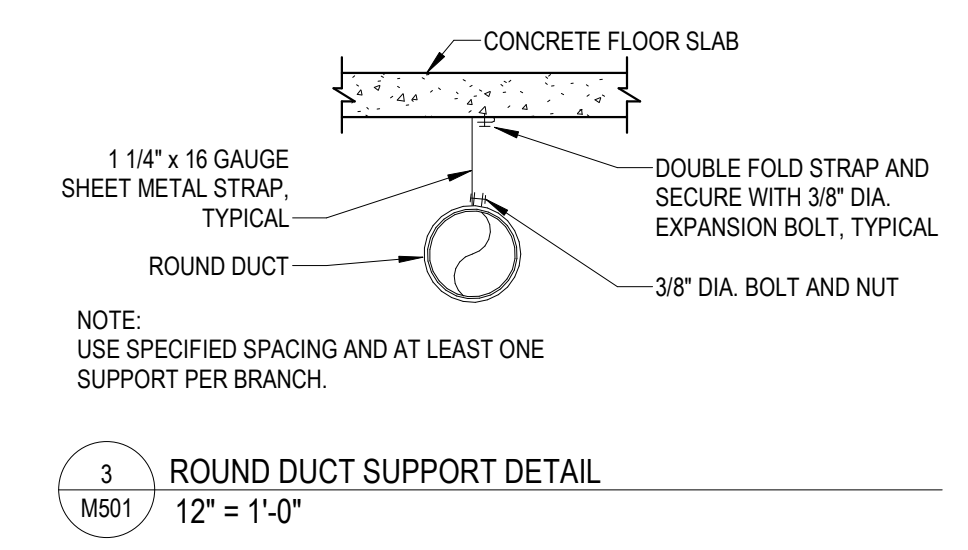
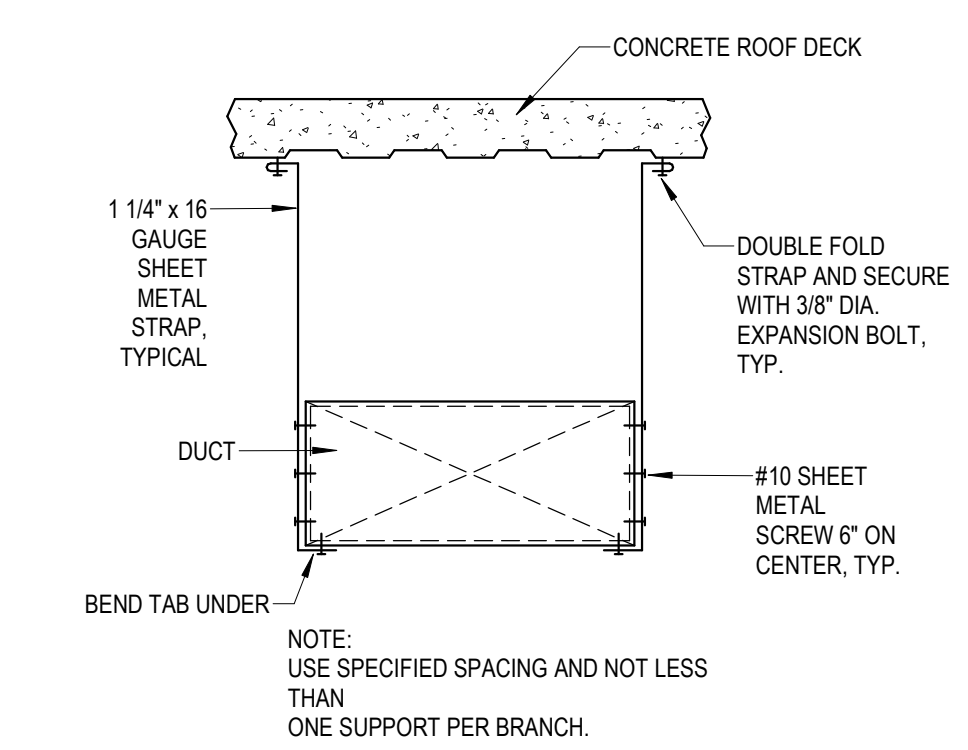
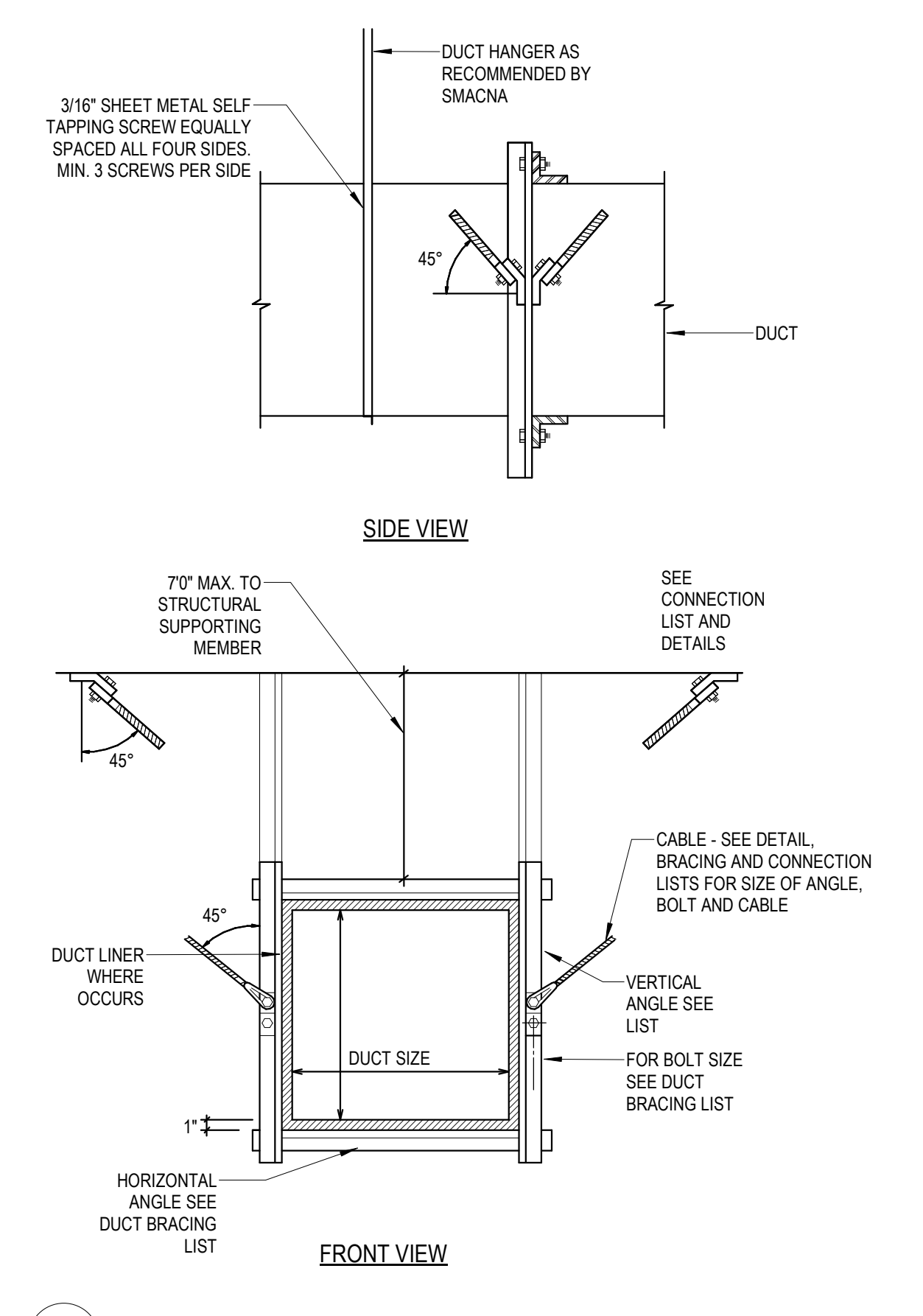
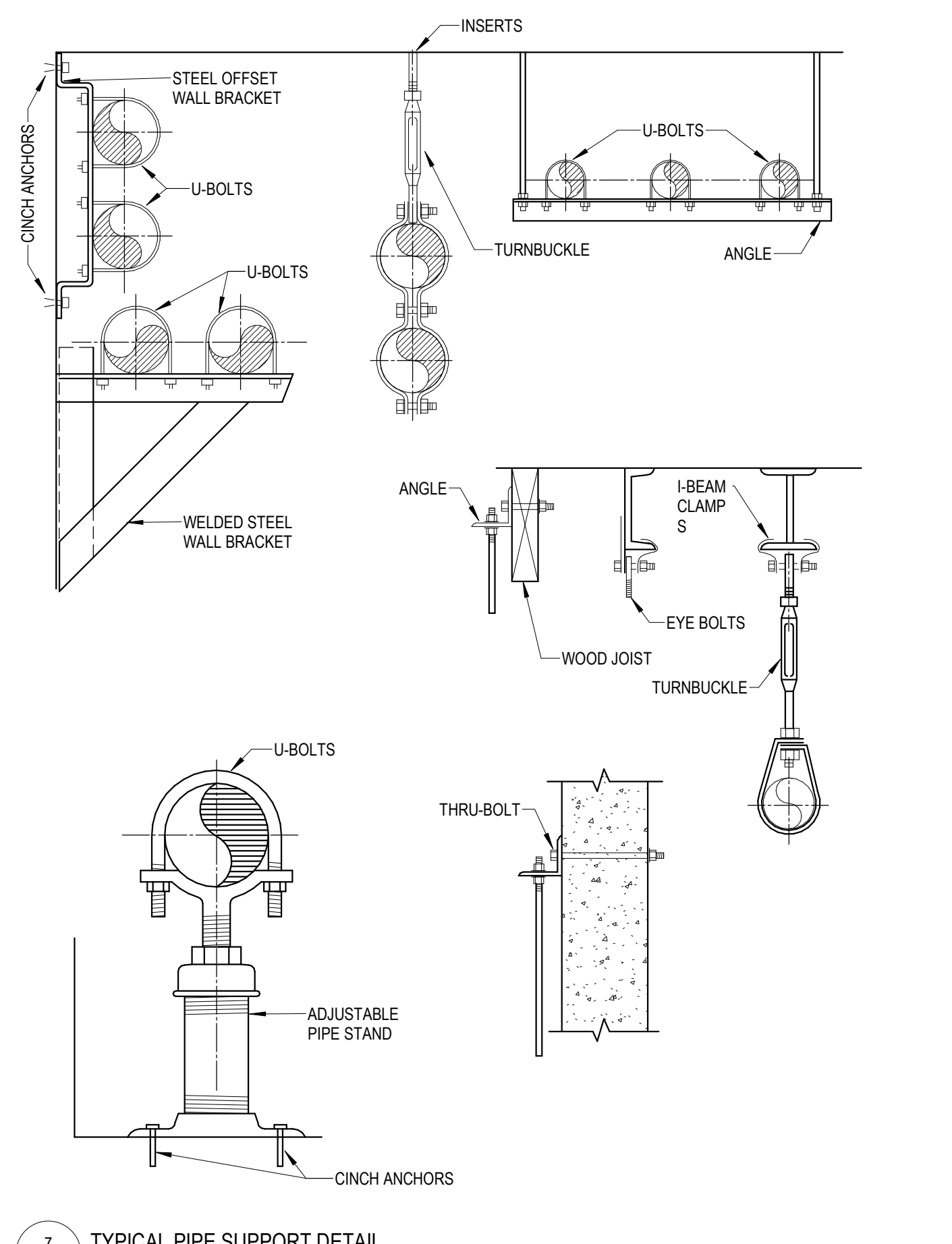
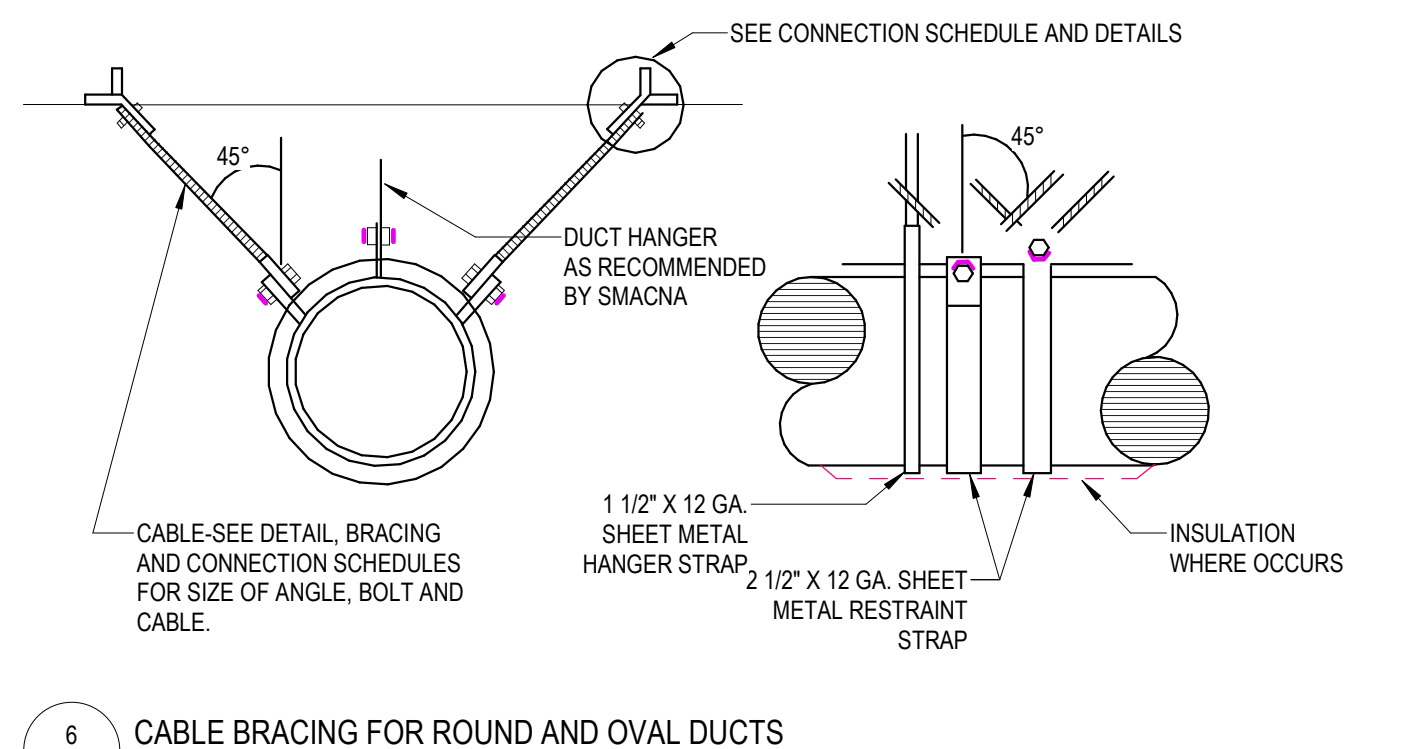
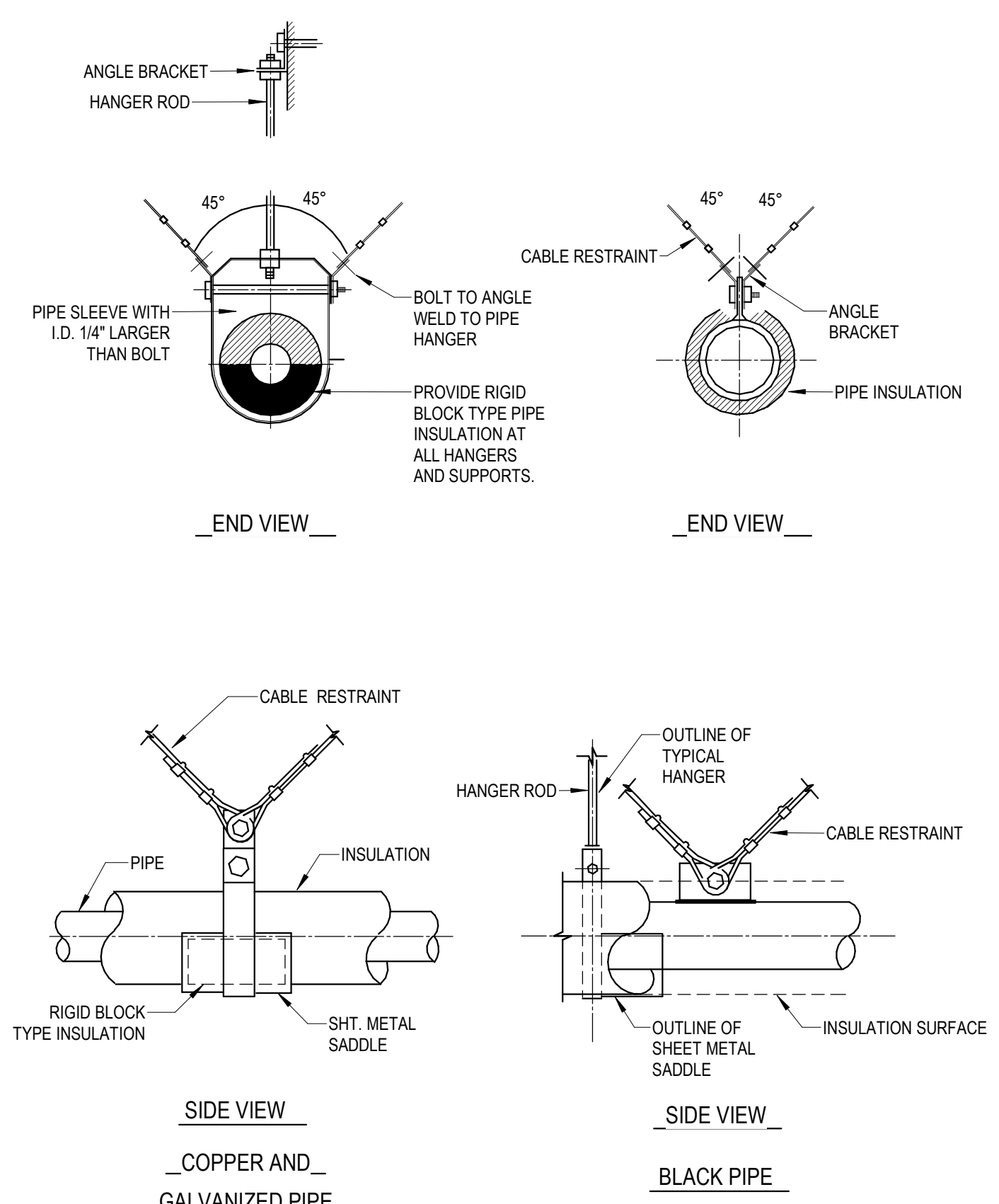
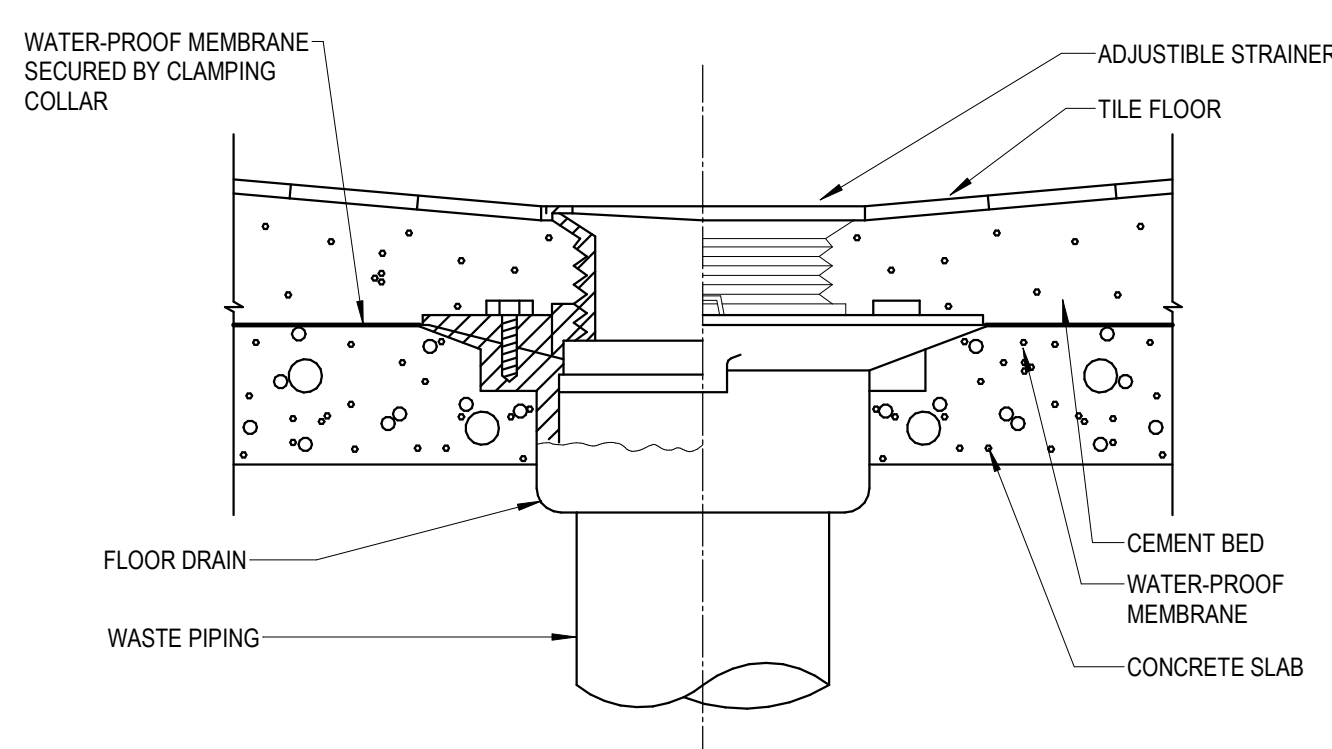
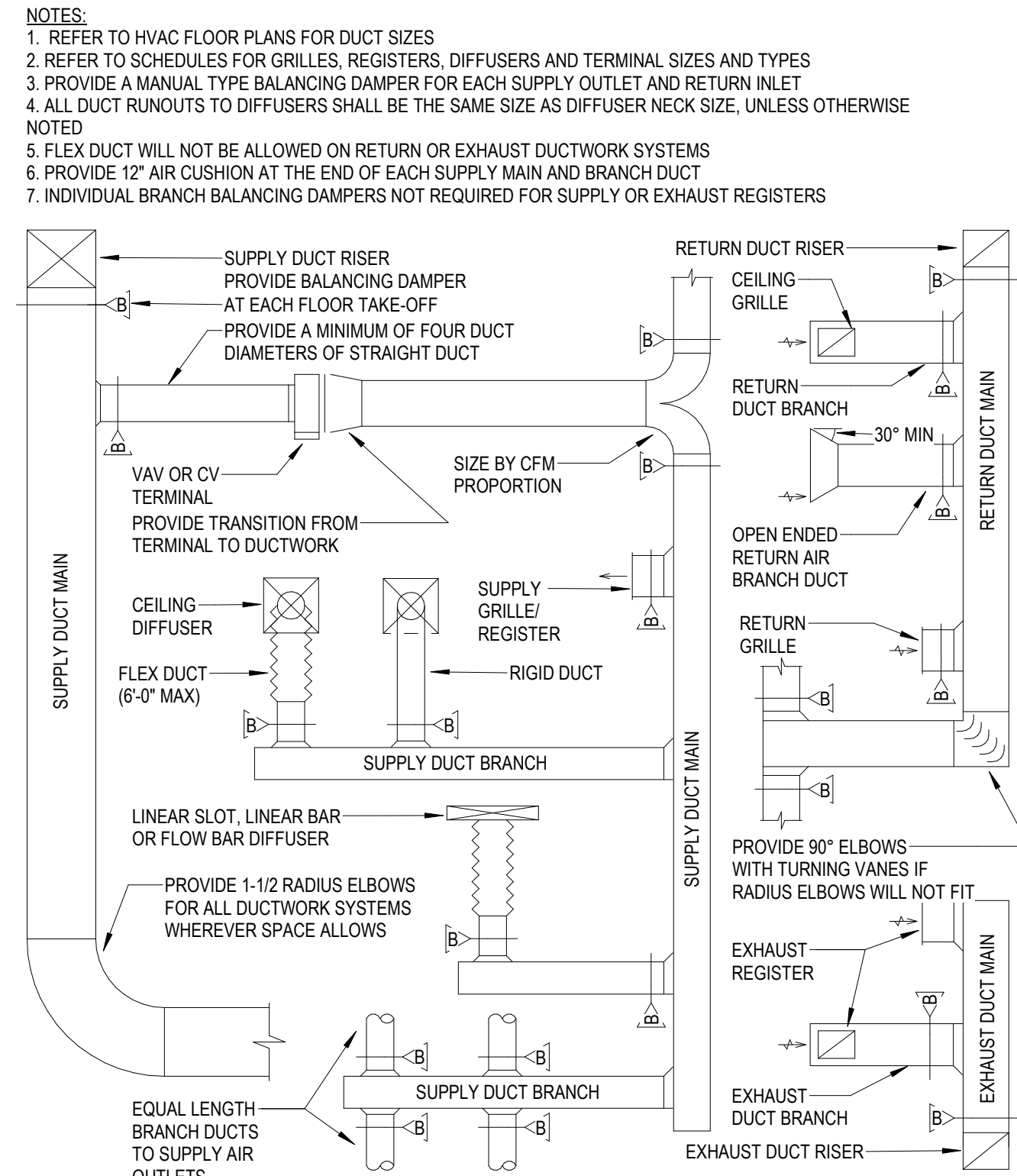
1 LEVEL 1 MECHANICAL PIPING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
NORTH


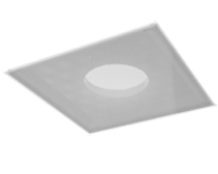
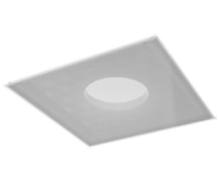


2 LEVEL 1 MECHANICAL PIPING PLAN
SCALE: 1/4" = 1'-0"
NORTH



REV	DATE	DESCRIPTION



GRILLE, REGISTER, AND DIFFUSER SCHEDULE				
ID	MANUFACTURER AND MODEL	Count	DESCRIPTION	IMAGE
CD1	TITUS OMNI	7	STYLE: SQUARE PLAQUE FACE CEILING DIFFUSER CONSTRUCTION: STEEL FINISH: POWDER COAT WITH COLOR SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 24"X24", 20"X20", OR 12"X12". VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. CORE: REMOVABLE MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: VARIABLE AIR VOLUME SUPPLY	
EG1	TITUS PAR	1	STYLE: SQUARE PERFORATED FACE CEILING GRILLE CONSTRUCTION: STEEL FINISH: SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 48"X24", 24"X24", 24"X12", 20"X20", 16"X16", OR 12"X12" AS SHOWN ON PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: EXHAUST OR RELIEF MINIMUM FREE AREA: 50%	
RG1	TITUS PAR	2	STYLE: SQUARE PERFORATED FACE CEILING GRILLE CONSTRUCTION: STEEL FINISH: SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 48"X24", 24"X24", 24"X12", 20"X20", 16"X16", OR 12"X12" AS SHOWN ON PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: RETURN OR TRANSFER MINIMUM FREE AREA: 50%	

PLUMBING FIXTURE SCHEDULE							
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	DESCRIPTION	NOTES
WC-1	WATER CLOSET	1	-	4	2	FLOOR MOUNTED, MANUAL FLUSH VALVE, ADA	WATER CLOSET: KOHLER K-96057 HIGHCLIFF ULTRA VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL, 1-1/2" TOP SPUD, ADA TOILET WITH K-4670-C LUSTRA OPEN-FRONT SEAT. PROVIDE SLOAN ROYAL 111-1.26 MANUAL FLUSHMETER 1.28 GPF.
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	WALL HUNG, WRIST BLADES	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WALL MOUNTED LAVATORY WITH FRONT OVERFLOW. PROVIDE CHICAGO 786-GN2FC-KABCP FAUCET, WITH WRIST BLADE HANDLES, GN2FC RIGID/SWING GOOSE NECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT, FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY 1/4 TURN ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.
FD-1	FLOOR DRAIN	-	-	2	1 1/2	FLOOR DRAIN	FLOOR DRAIN: SMITH FIGURE 2005Y-P050 FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE TRAP GUARD TYPE TRAP SEAL DEVICE.

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

MEDICAL GAS OUTLETS SCHEDULE								
SYMBOL	ROOM TYPE	# OF OUTLETS			PIPE DROP SIZE TO OUTLET(S)			REMARKS
		O2	MA	MV	O2	MA	MV	
MO-1	SEE PLANS	1	1	1	1/2	1/2	3/4	1,2
MO-2	SEE PLANS	1	1	1	1/2	1/2	3/4	1,3

UNLESS NOTED OTHERWISE, ALL OUTLETS ARE CHEMETRON-STYLE QUICK-CONNECTS
REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND PLACEMENT OF...
1. PIPE DROP SIZES ARE FOR ONE SET OF OUTLETS
2. PROVIDE CHEMETRON OUTLETS IN CEILING WITH RETRACTABLE HOSES AND QUICK DISCONNECT FITTINGS.
3. WALL MOUNTED OUTLETS

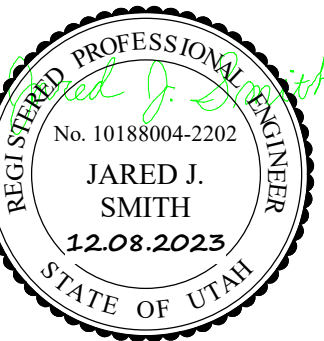
VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 22545
CLIENT NUMBER:-
DATE: 12-08-2023



181 East 5600 South
Murray, Utah 84107
O: (801)550-3148
www.vbfa.com
VBFA Project #: 23696

REV DATE DESCRIPTION

INTERMOUNTAIN PARK CITY
HOSPITAL IMAGING SUITE REMODEL
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS

MECHANICAL SCHEDULES

M601

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PLUMBING SHEET INDEX

P000 PLUMBING TITLE SHEET

P101 LEVEL 1 PLUMBING PLAN

PROJECT GENERAL NOTES

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

NOTE
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

PLUMBING GENERAL NOTES

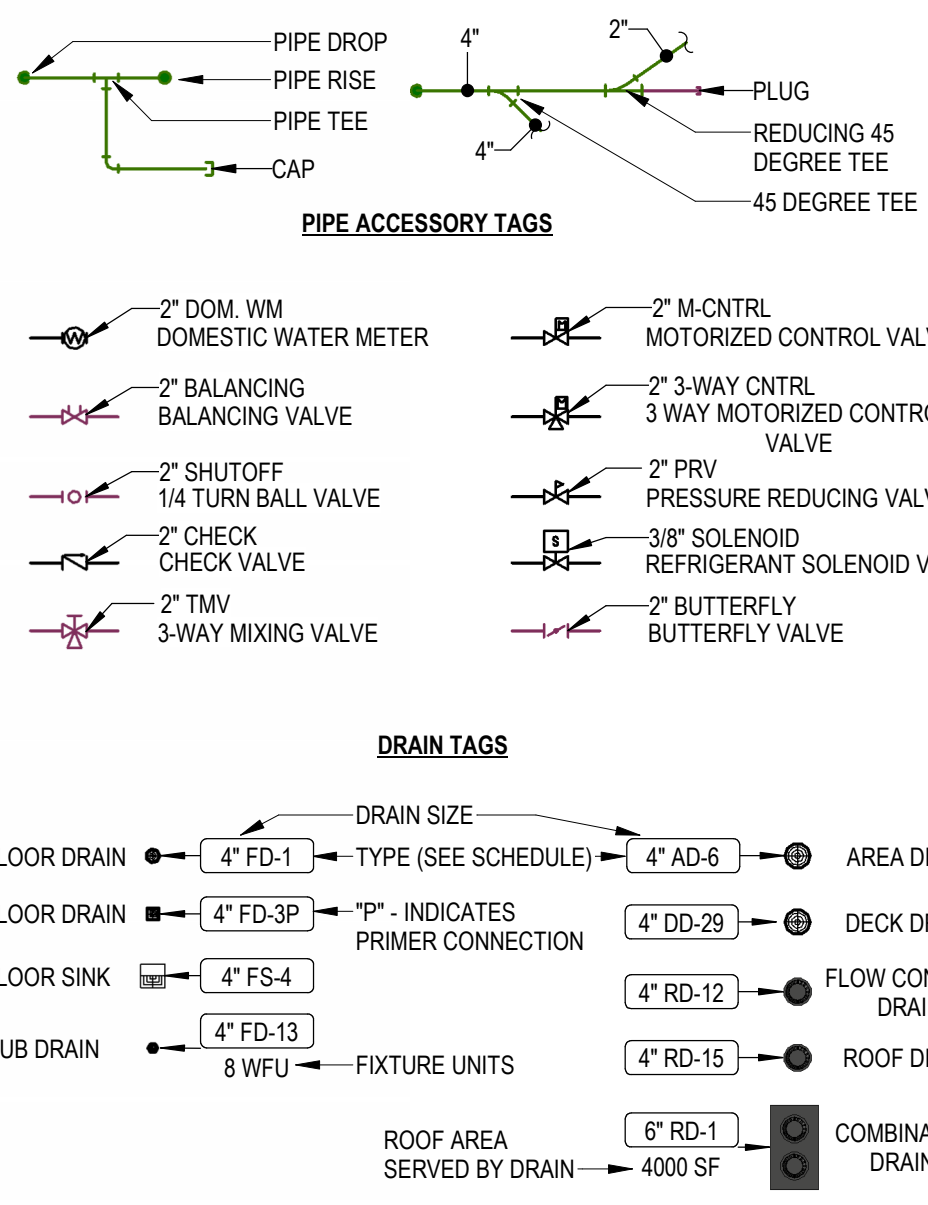
- 1. UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/8" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT. VERIFY ALL SLOPING WITH LOCAL CODES.
- 2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT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

MEDICAL GAS GENERAL NOTES

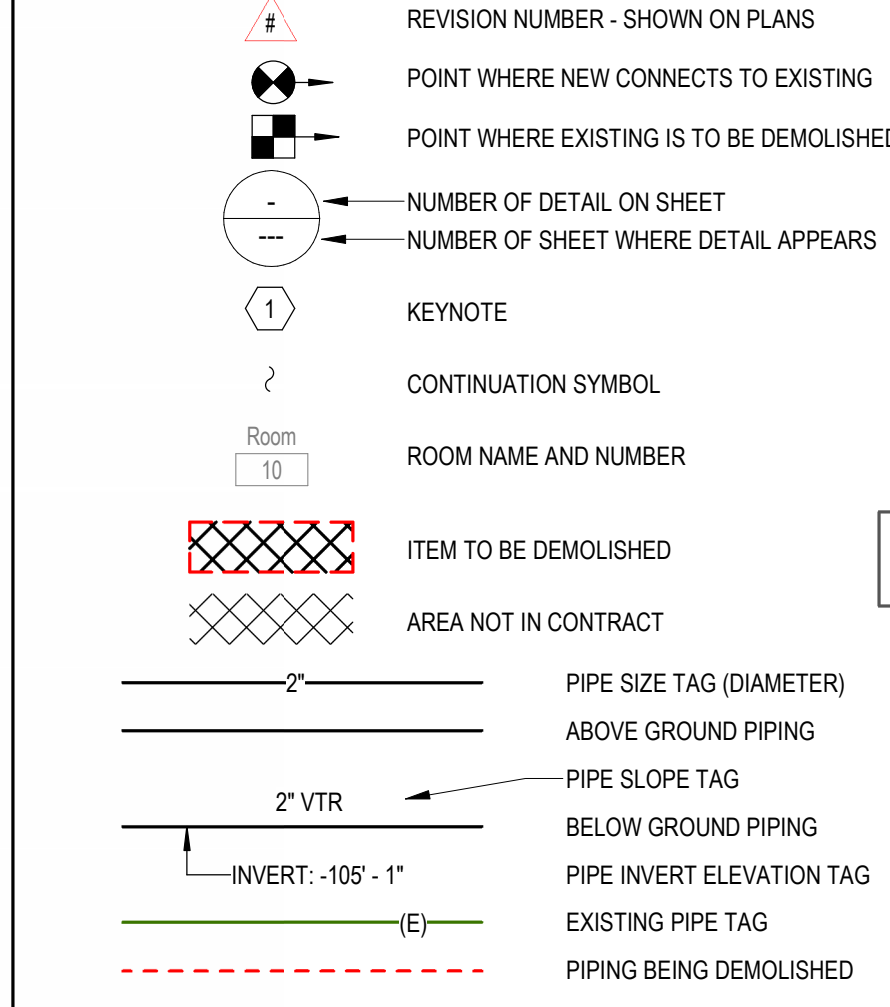
- 1. MEDICAL GAS PIPING IS TO BE RUN ABOVE THE CEILING, UNLESS NOTED OTHERWISE.
- 2. MEDICAL GAS PIPING IS SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- 3. MOUNT ALL SERVICE VALVES NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- 4. ALL SERVICE VALVES SHALL BE LOCKABLE. PROVIDE FRANGIBLE LOCK FOR ALL SERVICE VALVES.
- 5. ALL ZONE VALVE BOXES REQUIRE SOURCE AIR FROM LEFT SIDE AND CONTROLLED AIR FROM RIGHT SIDE.

PLUMBING AND PIPING SYMBOLS

CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CD	CONDENSATE DRAINAGE
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
GWR	GEOTHERMAL WATER RETURN
GWS	GEOTHERMAL WATER SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
NG	NATURAL GAS
PG	PROPANE GAS
REF-L	REFRIGERANT-LIQUID
REF-S	REFRIGERANT-SUCTION
REF-HG	REFRIGERANT-HOT GAS
STM	STEAM
CDR	CONDENSATE RETURN
CWV	COMBINATION WASTE & VENT
CA	COMPRESSED AIR
DCW	DOMESTIC COLD WATER
NPCW	NON-POTABLE COLD WATER
SCW	SOFT COLD WATER
FCW	FILTERED COLD WATER
RO	REVERSE OSMOSIS WATER
DHW	HOT WATER
DHW 140°	HOT WATER 140°
DHW-R	HOT WATER RECIRCULATION
DHW-R 140°	HOT WATER RECIRCULATION 140°
NPWH	NON-POTABLE HOT WATER
GV	GREASE VENT
GW	GREASE WASTE
IW	INDIRECT WASTE
OV	OIL VENT
OW	OIL WASTE
PD	PUMP DISCHARGE
V	SANITARY VENT
W	SANITARY WASTE
SHWR	SOLAR HOT WATER RETURN
SHWS	SOLAR HOT WATER SUPPLY
RD	ROOF DRAINAGE
RDO	ROOF DRAIN OVERFLOW
CO2	CARBON DIOXIDE
HE	HELIUM
IA	INSTRUMENT AIR
MA	MEDICAL AIR
MV	MEDICAL VACUUM
N2	NITROGEN
N2O	NITROUS OXIDE
O2	OXYGEN
WAGD	WASTE ANESTHESIA GAS DISPOSAL



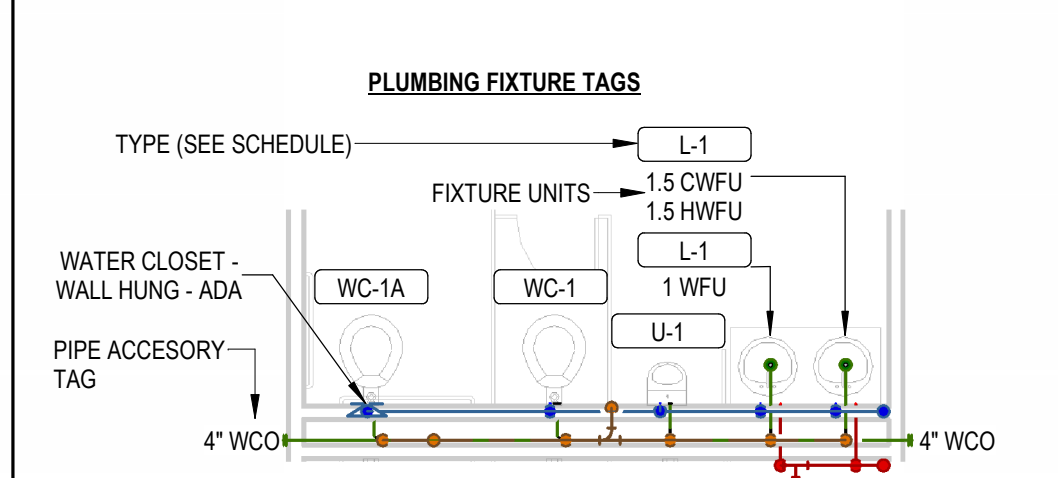
GENERAL MECHANICAL SYMBOLS



ABBREVIATIONS

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	MAR	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLD	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	OJA	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DA	DIAMETER	PD	PRESSURE DROP
DW	DOWN	PVI	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EAT	EACH	PRESS	PRESSURE
EA	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EW	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
EIA	EXHAUST AIR	RIA	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FD	FIRE DAMPER	RH	RELATIVE HUMIDITY
FDV	FIRE DEPARTMENT VALVE	RLA	RELIEF AIR
FL	FLOOR	RM	ROOM
FO	FUEL OIL	RPM	REVOLUTIONS PER MINUTE
FOV	FUEL OIL VENT	RV	RAIN WATER
FOR	FUEL OIL RETURN	SF	SQUARE FOOT
FOS	FUEL OIL SUPPLY	SIA	SUPPLY AIR
FPM	FEET PER MINUTE	SAN	SANITARY
FS	FLOOR SINK	SF	SQUARE FOOT
FT	FOOT/FEET	SD	SMOKE DAMPER
FTR	FIN TUBE RADIATION	SM	SURFACE MOUNT
GAL	GALLON	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INVT	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LBHR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

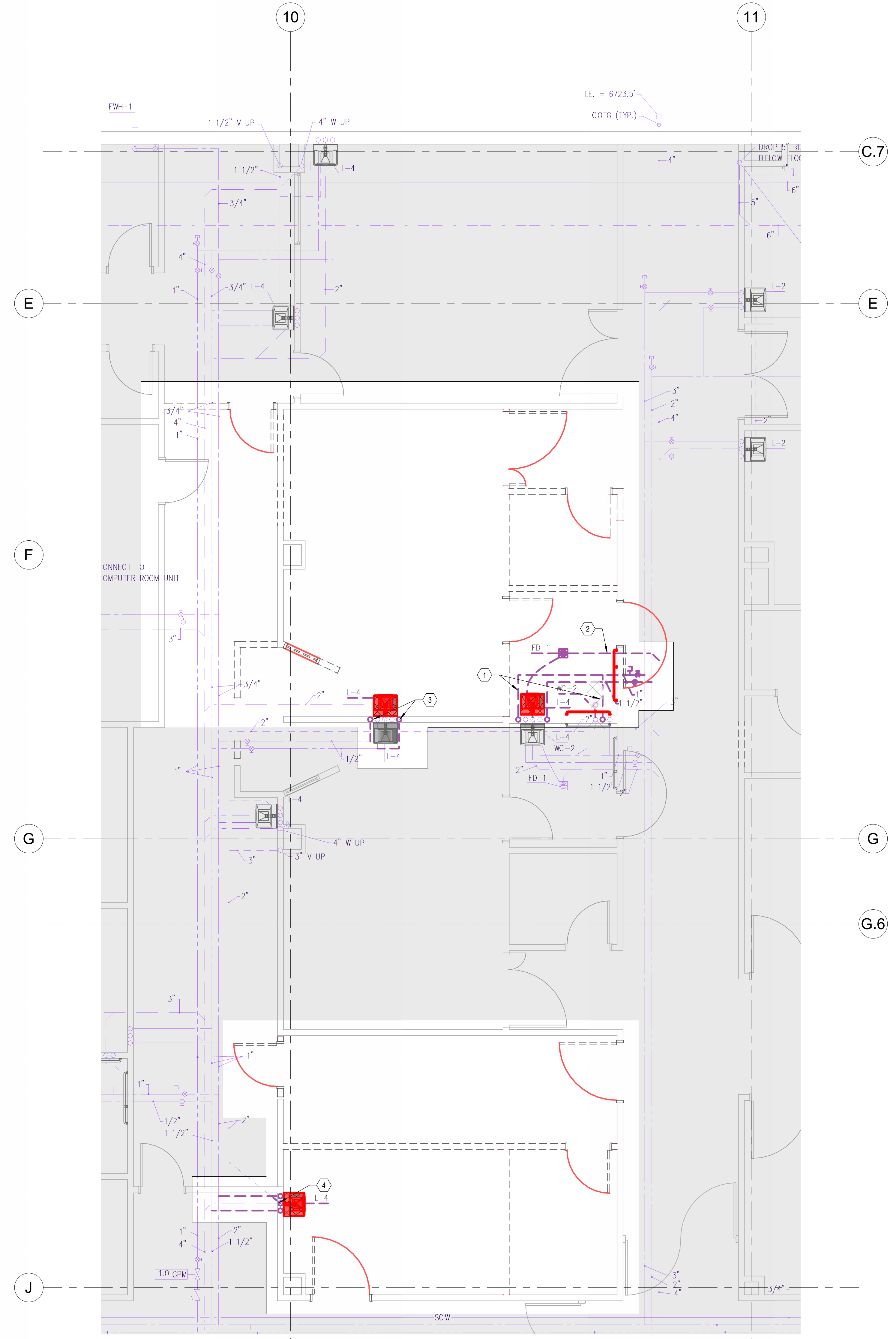
PLUMBING AND PIPING SYMBOLS



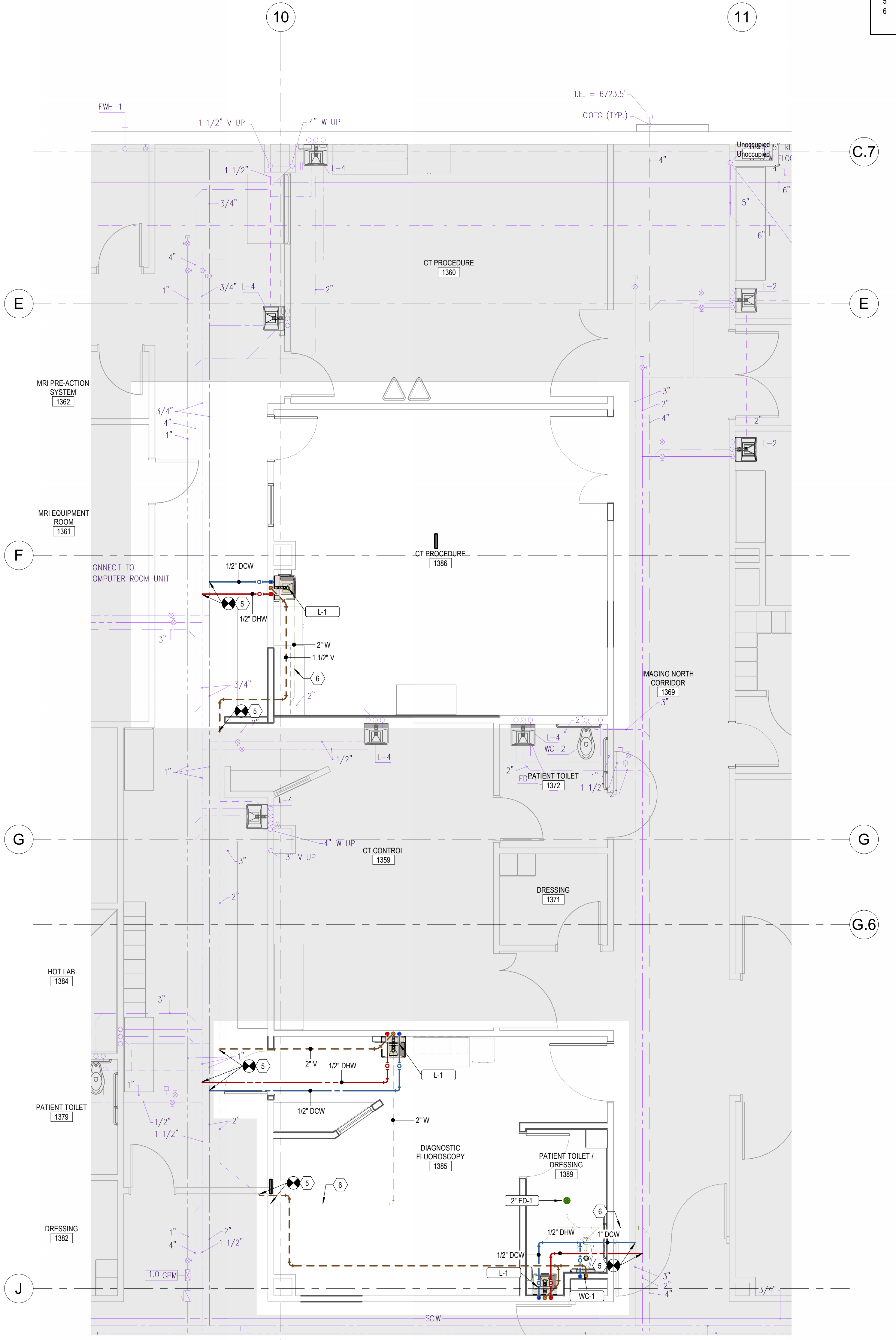
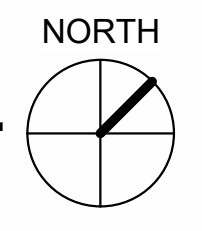
- KEYNOTES**
- 1 REMOVE EXISTING HOT AND COLD WATER PIPES FROM EXISTING LAVATORY AND TOILET. CAP PIPES AT MAINS.
 - 2 FLOOR IS TO BE SAW CUT AND EXISTING DRAIN IS TO BE REMOVED BACK TO MAIN AS SHOWN.
 - 3 REMOVE EXISTING HOT AND COLD WATER BRANCHES TO SINK LOCATED IN THE EXISTING FLUOROSCOPY ROOM. EXISTING VENT AND WASTE ARE TO REMAIN TO SERVE SINK IN ADJACENT SPACE.
 - 4 EXISTING HOT AND COLD WATER BRANCHES ARE TO BE REMOVED BACK TO MAINS. CAP AT MAINS. EXISTING VENT BRANCH IS TO ALSO BE REMOVED BACK TO MAIN AND CAPPED. EXISTING WASTE LINE IS TO REMAIN AND TO BE RECONNECTED. SEE VIEW #2 ON THIS SHEET.
 - 5 CONNECT NEW VENT, HOT AND COLD BRANCHES TO MAIN AS SHOWN.
 - 6 SAW CUT EXISTING FLOOR AND TIE NEW WASTE LINE TO EXISTING AS SHOWN. CONTRACTOR IS TO SCOPE EXISTING WASTE PIPE AND VERIFY EXISTING WASTE PIPE ROUTING AND DEPTH PRIOR TO ANY SAWCUTTING OF THE FLOOR.



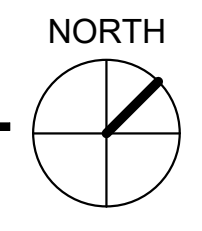
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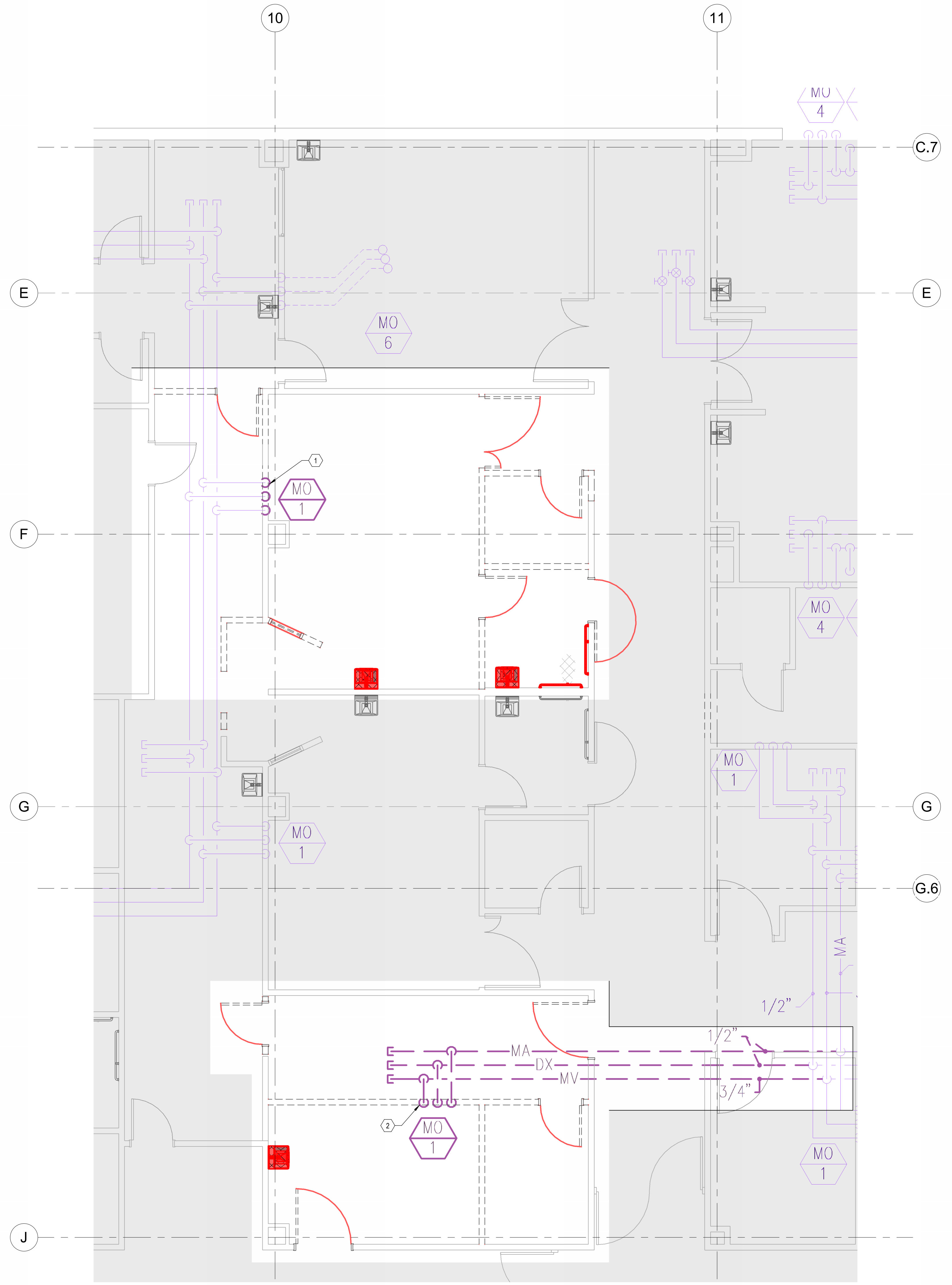
1 LEVEL 1 PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



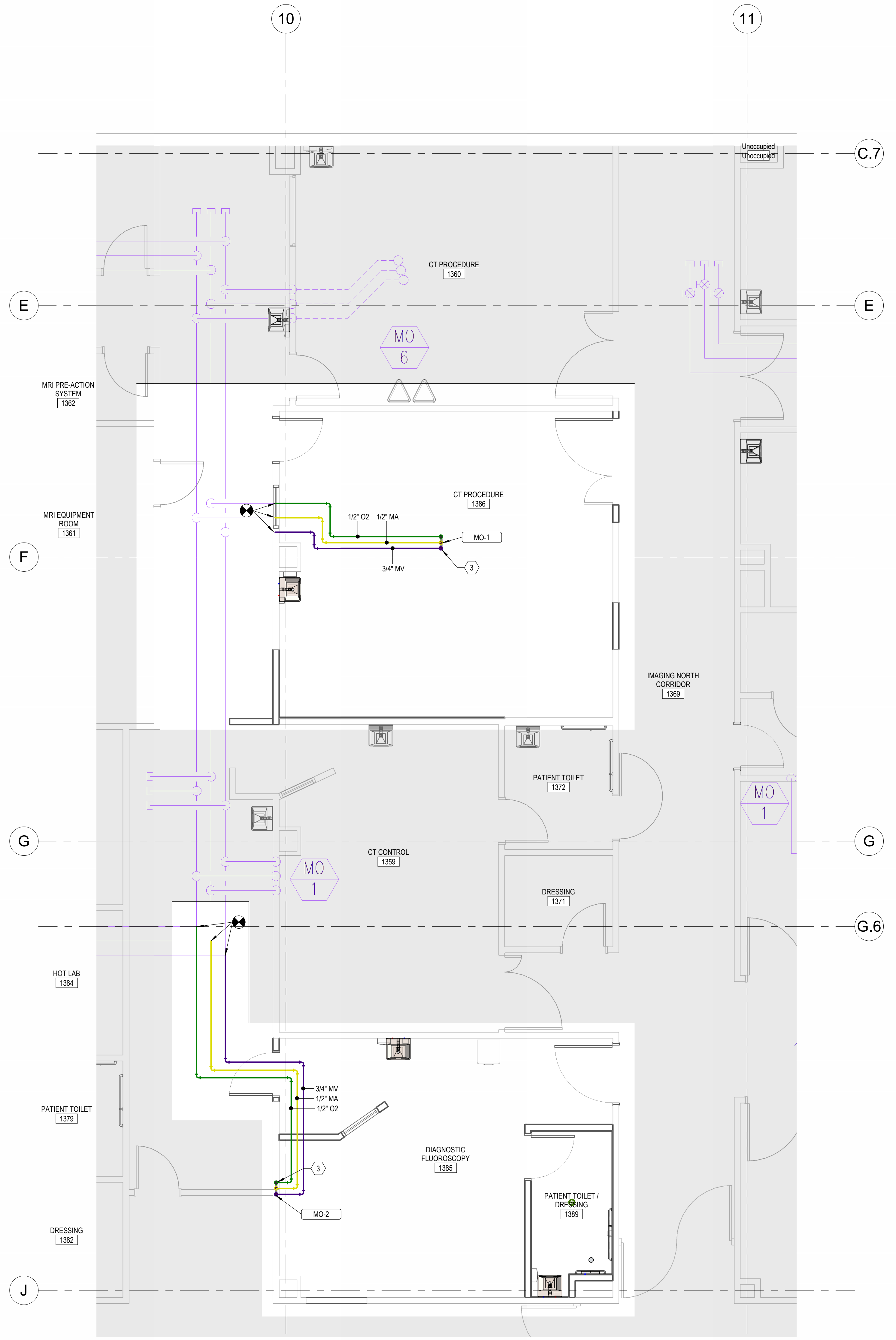
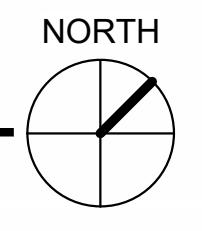
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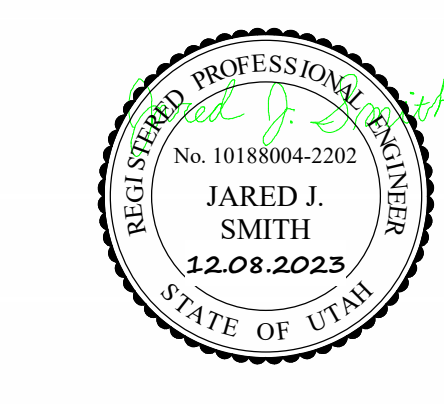
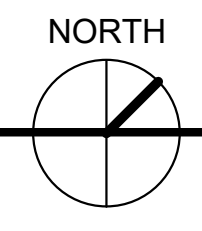
- KEYNOTES**
- EXISTING MEDICAL GAS OUTLETS ARE TO BE REMOVED AS SHOWN.
 - EXISTING MEDICAL GAS OUTLETS AND ASSOCIATED BRANCH PIPING ARE TO BE REMOVED BACK TO MAINS AS SHOWN. MAINS ARE TO BE CAPPED AND EXISTING MEDICAL GAS PIPES ARE TO BE RECERTIFIED.
 - PROVIDE AND INSTALL NEW MEDICAL GAS PIPING AND OUTLETS. SEE MEDICAL GAS OUTLET SCHEDULE. CONNECT ONTO EXISTING MEDICAL GAS MAINS AS SHOWN. EXISTING MEDICAL GAS PIPES ARE TO BE RECERTIFIED UPON INSTALLATION.



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



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



REV	DATE	DESCRIPTION
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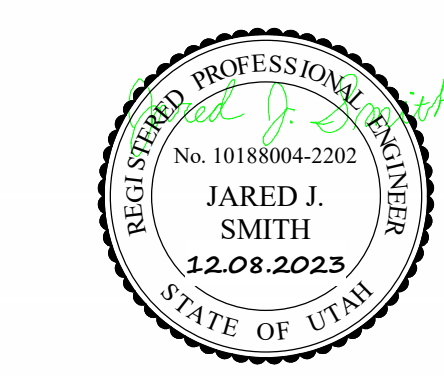


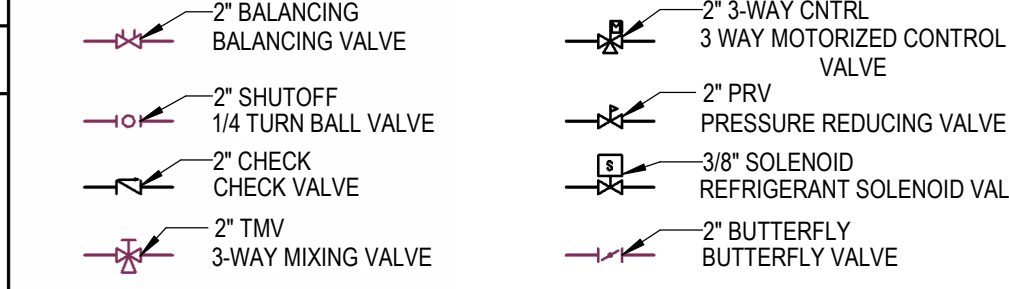
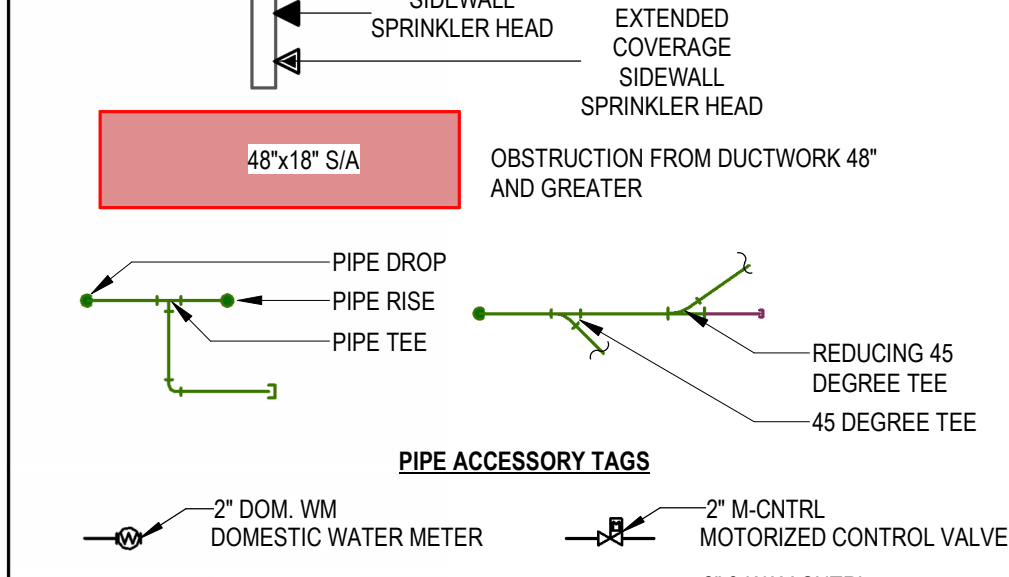
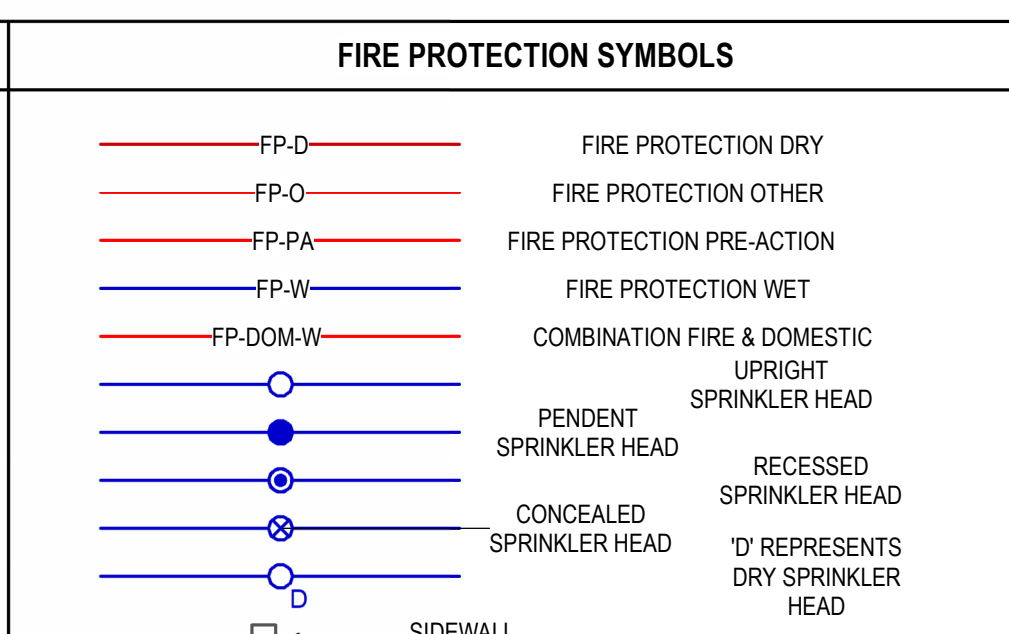
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MECHANICAL SHEET INDEX table with columns: SYMBOL, DESCRIPTION

AUTOMATIC SPRINKLER SYSTEM DESIGN CRITERIA table with columns: SYMBOL, OCCUPANCY HAZARD CLASSIFICATION, DESIGN DENSITY (GPM/SF), DESIGN AREA

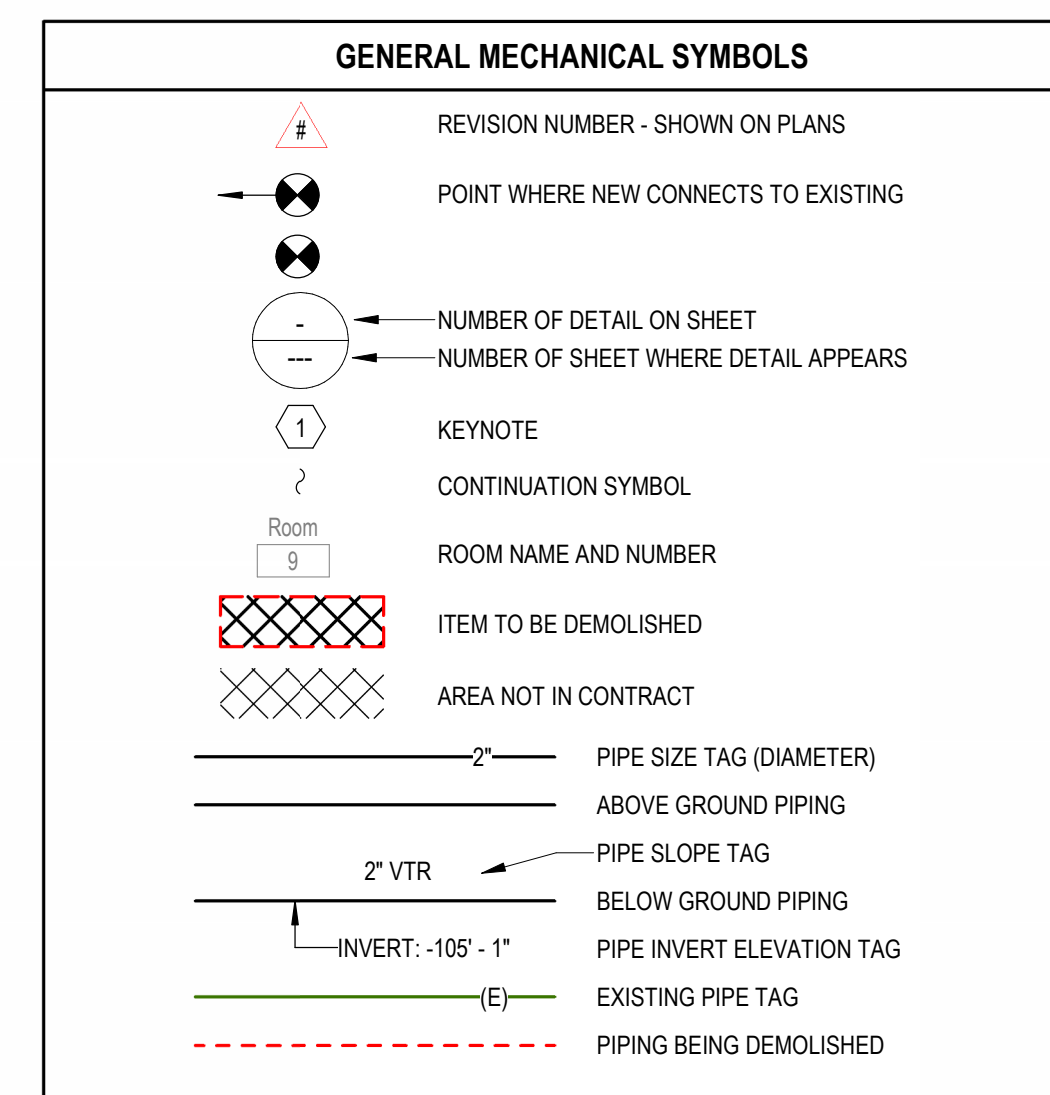
FIRE PROTECTION GENERAL NOTES

- 1. NO FIRE PROTECTION LINE SHALL BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES...
2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND...
3. COORDINATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS...
4. FIRE SUPPRESSION CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND/OR REROUTE ANY AND ALL FIRE PROTECTION PIPING...
5. PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES...
6. THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE...
7. THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE GENERAL CONTRACTOR PRIOR TO STARTING WORK...
8. PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES...
9. THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE...
10. DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES...
11. ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM...
12. THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER...
13. AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES...
14. AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS...
15. AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE...
16. SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS...
17. ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS...
18. THIS DRAWING INDICATES A GENERAL PIPING ARRANGEMENT AND SUGGESTED SIZING ONLY...
19. THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.



ABBREVIATIONS table with columns: SYMBOL, DESCRIPTION

NOTE ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.



ABBREVIATIONS table with columns: SYMBOL, DESCRIPTION

KEYNOTES

- 1 THE FIRE SPRINKLER CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE EXISTING FIRE SPRINKLERS. ADD/REPOSITION EXISTING SPRINKLER LOCATION WITH A NEW SPRINKLER HEAD AS NECESSARY FOR THE REMODELED SPACE, INCLUDING NEW FLOOR PLAN, CEILING PLAN AND CEILING HEIGHT ADJUSTMENTS. MODIFY SPRINKLER PIPING AS REQUIRED. TYPICAL. REFER TO THE ARCHITECTURAL SHEETS FOR COMPLETE SCOPE OF THE PROJECT.
- 2 ALL SPRINKLERS IN THE REMODELED AREA SHALL BE REPLACED WITH QUICK RESPONSE TYPE. REPLACEMENT OF SPRINKLERS SHALL EXTEND TO ALL WALLS OR SOFFIT BREAKS. FIRE SPRINKLERS SHALL BE INSTALLED TO MEET NFPA 13-2019 REQUIREMENTS, TYPICAL.

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800

ST. GEORGE
20 N. MAIN ST., #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM
VCBO NUMBER: 22545
CLIENT NUMBER: -
DATE: 12-08-2023



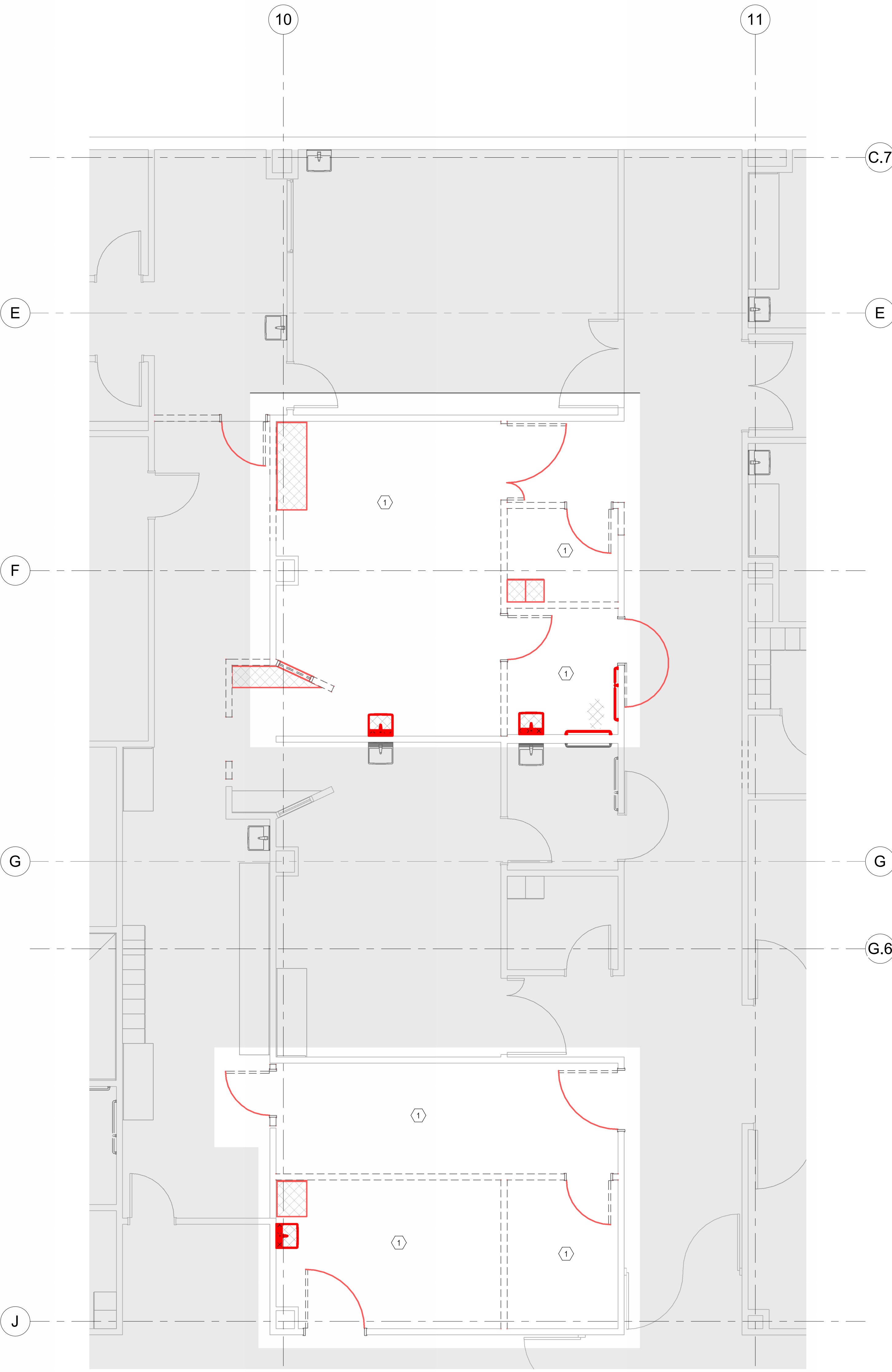
181 East 5600 South
Murray, Utah 84107
O: (801)550-3148
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VBFA Project #: 23696

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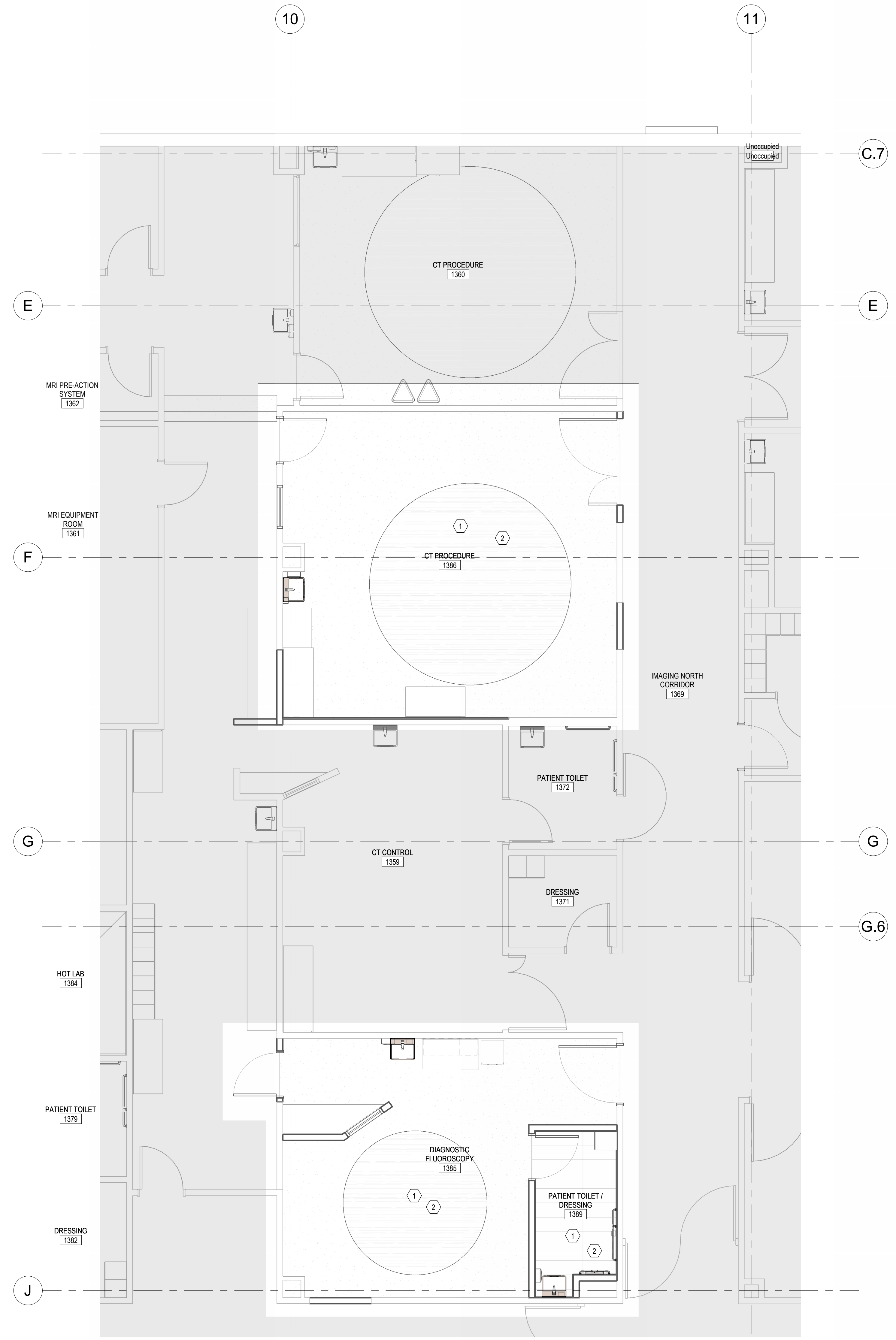
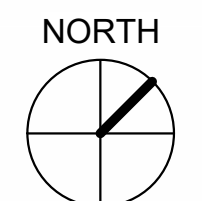
**INTERMOUNTAIN PARK CITY
HOSPITAL IMAGING SUITE REMODEL**
900 ROUND VALLEY DR, PARK CITY, UT 84080
CONSTRUCTION DOCUMENTS

LEVEL 1 FIRE PROTECTION PLAN

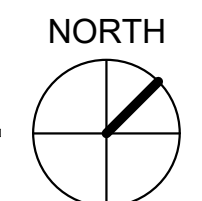
F101



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



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



SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-201 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "11A-3" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH. "+C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	ELECTRIC VEHICLE CHARGING STATION.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, SINGLE: NEMA 5-20R.
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE: PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, DRYER: NEMA 14-30R.
	RECEPTACLE, RANGE: NEMA 14-50R.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R
	DROP CORD. SEE DETAIL.
	THERMOSTAT.
	FLUSH FLOOR BOX. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	POWER POLE. "P" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU. "P" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOOR.
	SWITCH, KEY OPERATED.
	SWITCH, PILOT LIGHT.
	SWITCH, TIMER OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, CONNECTED TO UPS: NEMA 5-20R.
	RECEPTACLE, DUPLEX PLEX WITH USB OUTLET
	RECEPTACLE, DUPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	INDICATES A RECEPTACLE IS AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
SITE ELECTRICAL AND COMMUNICATIONS UTILITIES	
	ELECTRIC LINE: THIN LINE. 1Ø = SINGLE PHASE. 2Ø = 2 PHASE. 3Ø = 3 PHASE. Ø = OVERHEAD. U = UNDERGROUND, P = PRIMARY, S = SECONDARY
	LIGHTNING ARRESTOR.
	UTILITY POLE.
	UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION.
	UTILITY, PRIMARY ELECTRICAL HAND HOLE.
	UTILITY SERVICES, MANHOLE.
	UTILITY, COMMUNICATIONS MANHOLE.
	UTILITY, ELECTRICAL MANHOLE.
	UTILITY, TELEPHONE MANHOLE.
	PRECAST CONCRETE, COMMUNICATION VAULT.
	PRECAST CONCRETE, ELECTRICAL VAULT.
	PRECAST CONCRETE, TELEPHONE VAULT.
	PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT.
	PRECAST CONCRETE, TRANSFORMER PAD.
	HAND HOLE.
	SUBSTATION.
	TRANSFORMER.
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP. "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	TRANSFORMER, CURRENT (ONE-LINE DIAGRAM).
	BATTERY (ONE-LINE DIAGRAM).
	CAPACITOR (ONE-LINE DIAGRAM).
	DELTA CONNECTION (ONE-LINE DIAGRAM).
	WYE CONNECTION (ONE-LINE DIAGRAM).
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
	PANELBOARD (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).
	PUSH BUTTON, REMOTE EMERGENCY STOP.
	GENERATOR, POWER (ONE-LINE DIAGRAM).
	KIRK-KEY MECHANICAL INTERLOCK (ONE-LINE DIAGRAM)
	METER.
	BROAD BAND FILTER (ONE-LINE DIAGRAM).
	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DIODE (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
	BUSWAY.
	RELAY CONTACT, NORMALLY CLOSED (ONE-LINE DIAGRAM).
	RELAY CONTACT, NORMALLY OPEN (ONE-LINE DIAGRAM).
	PUSHBUTTON, NORMALLY CLOSED (ONE-LINE DIAGRAM).
	PUSHBUTTON, NORMALLY OPEN (ONE-LINE DIAGRAM).
	PRESSURE SWITCH, CLOSE ON INCREASE (ONE-LINE DIAGRAM).
	PRESSURE SWITCH, OPEN ON INCREASE (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY CLOSED FLOAT (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY OPEN FLOAT (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY OPEN LIMIT (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY CLOSED TEMPERATURE ACTIVATED (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY OPEN TEMPERATURE ACTIVATED (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY CLOSED TIME DELAY (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY OPEN TIME DELAY (ONE-LINE DIAGRAM).
	SWITCH, NORMALLY CLOSED FOOT OPERATED (ONE-LINE DIAGRAM).
	SWITCH, MULTIPOSITION (ONE-LINE DIAGRAM).
	SWITCH, SINGLE BREAK (ONE-LINE DIAGRAM).
	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, DRAW OUT (ONE-LINE DIAGRAM).
	GENERATOR ENGINE START MONITORING SYSTEM GENERATOR MODULE (ONE-LINE DIAGRAM).
	GENERATOR ENGINE START MONITORING SYSTEM ATS MODULE (ONE-LINE DIAGRAM).
	PHASE ROTATION MONITOR (ONE-LINE DIAGRAM).
	ARC ENERGY REDUCTION

ABBREVIATIONS	
SYMBOL	DESCRIPTION
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
1P	SINGLE POLE
1PH	SINGLE-PHASE
1WAY	ONE-WAY
2/C	TWO-CONDUCTOR
2WAY	TWO-WAY
3/C	THREE-CONDUCTOR
3WAY	THREE-WAY
4OUT	QUADRUPOLE RECEPTACLE
4PDT	FOUR-POLE DOUBLE THROW
4PST	FOUR-POLE SINGLE THROW
4W	FOUR-WIRE
4WAY	FOUR-WAY
A	ABOVE COUNTER
AC	ARMORED CABLE
ADA	AMERICANS WITH DISABILITIES
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ALUM	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
AP	ACCESS POINT (WIRELESS DATA)
AR	AS REQUIRED
ASC	AMPS SHORT CIRCUIT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BB	BUCK-BOOST TRANSFORMER
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CAT	CATEGORY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT
CCTV	CLOSED CIRCUIT TELEVISION
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
COR	CONTRACTING OFFICERS REPRESENTATIVE
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
ØBA	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
E	ENHANCED
EA	EACH
EM	EMERGENCY
ENT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EQUIPMENT ROOM
EX	EXISTING
F	FURNITURE MOUNTED
FA	FIRE ALARM
FAP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
FOB	FREIGHT ON BOARD
FPP	FIBER PATCH PANEL
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GEN	GENERATOR
GFCI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GIG	GIGA HERTZ
GND	GROUND
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HQA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HWM	HORIZONTAL WIRE MANAGEMENT
HZ	HERTZ
IO	INPUT OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INIS	INSULATED/ISOLATED
IR	INFRARED
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MD	MAN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MIN	MINIMUM
MLO	MAX LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OCF	OVER CURRENT PROTECTION
OC/EI	OWNER ELECTRONICS/ CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/ OWNER INSTALLED
OPF	OBTAIN FROM PLANS
OH DR	OVERHEAD (COILING) DOOR
OL	OVERLOAD
PB	PUSHBUTTON
PF	POWER FACTOR
PH	PHASE
PL	PANEL
PLM	PLENUM
PR	PAIR
PS	POWER SUPPLY
POT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
QTY	QUANTITY
R	REMOVE
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETAL CONDUIT
RPM	REVOLUTIONS PER MINUTE
RPP	RISER PATCH PANEL
RR	REMOVE AND RELOCATE
S/S	START/STOP
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
SF	SQUARE FOOT (FEET)
SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPF	STATION PATCH PANEL
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
SWBD	SWITCHBOARD
SWR	SWITCH
TL	TWIST LOCK
TP	TELEPHONE POLE
TP	TWISTED PAIR
TR	TELECOMMUNICATIONS ROOM

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
LIGHTING	
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3E)	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/ OR CENTRALIZED INVERTER AND/ OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
EM	EMERGENCY.
NL	NIGHT LIGHT: DO NOT SWITCH.
↑	EGRESS DIRECTION ARROW (EXIT SIGNS).
⊗	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
⊙	EXIT SIGN: SINGLE FACE; WALL MOUNTED
⊕	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
⊗	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
*	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
*	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
⊙	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
⊙	PHOTOCELL.
⊙	PHOTOCELL, WALL MOUNTED.
*	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
*	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
⊙	CEILING FAN.
⊙	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
⊙	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
⊙	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
⊙	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
a,b	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
RC	DIGITAL LIGHTING ROOM CONTROLLER
DC	DIGITAL LIGHTING DIMMING CONTROLLER
LC	DIGITAL PLUG LOAD CONTROLLER
LS	LIGHTING NETWORK SWITCH.
NR	LIGHTING NETWORK ROUTER.
SM	LIGHTING NETWORK SEGMENT MANAGER
NB	LIGHTING NETWORK BRIDGE
ET	LIGHTING EMERGENCY TRANSFER DEVICE
X	LIGHTING SPACE CONTROL TYPE: X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
TWO-WAY COMMUNICATIONS	
ZWA	TWO-WAY COMMUNICATIONS MAIN CONTROL STATION (ANNUNCIATOR)
RCS	TWO-WAY COMMUNICATIONS REMOTE CALL STATION
▽	DATA CONNECTION: TWO-WAY EMERGENCY COMMUNICATION SYSTEM.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
FIRE ALARM	
FAA	FIRE ALARM ANNUNCIATOR PANEL.
FACP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
FATC	FIRE ALARM TERMINAL CABINET: NAC, SLC, SPEAKER CIRCUITS; AMPLIFIERS, BATTERIES
HVAC	CONTROL PANEL FOR HVAC: SMOKE CONTROL, STAIR PRESSURIZATION.
EVAC	VOICE EVACUATION PANEL.
PRE	PRE-ACTION CONTROL PANEL.
MIC	REMOTE VOICE EVACUATION MICROPHONE.
FPC	FIRE PUMP CONTROLLER.
JPC	JOCKEY PUMP CONTROLLER.
C	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
CM	CONTROL MODULE.
MM	MONITOR MODULE.
F	FIRE ALARM MANUAL PULL STATION.
R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
FS	WATER FLOW SWITCH. FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
VS	VALVE SUPERVISORY SWITCH, TAMPER SWITCH. TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
PS	PRESSURE SUPERVISORY SWITCH. PRESSURE SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
⊙	MAGNETIC DOOR HOLDER.
⊙	DETECTOR, SMOKE.
⊙	DETECTOR, SMOKE, WALL MOUNTED.
⊙A	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
⊙BR	DETECTOR, SMOKE, BEAM RECEIVER.
⊙BT	DETECTOR, SMOKE, BEAM TRANSMITTER.
⊙E	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.
⊙G	DETECTOR, SMOKE WITH GUARD.
⊙R	DETECTOR, SMOKE, RESIDENTIAL.
⊙S	DETECTOR, SMOKE WITH STROBE.
⊙RS	DETECTOR, SMOKE, RESIDENTIAL WITH SOUNDER BASE.
⊙AS	DETECTOR, SMOKE, AIR SAMPLING SYSTEM PORT LOCATION.
⊙	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
SD	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
FSD	COMBINATION FIRE/SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
RTS	REMOTE ALARM INDICATING AND TEST SWITCH.
⊙	DETECTOR, HEAT.
CO	DETECTOR, CARBON MONOXIDE.
⊙	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
⊙75	ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.
⊙	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
⊙75	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
⊙C	ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY.
⊙G	ALARM, HORN/STROBE WITH GUARD, WALL MOUNTED, ONE ASSEMBLY.
⊙M	ALARM, MINI HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
⊙	SPEAKER, WALL MOUNTED, EVACUATION.
⊙	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE.
⊙75	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELLA RATING.
⊙75	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
⊙75	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
⊙75	SPEAKER/STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
⊙	SPEAKER, CEILING MOUNTED.
⊙75	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
⊙	BELL, ELECTRIC, 120V FROM ELECTRICAL SYSTEM OR 24V FROM FIRE ALARM SYSTEM

SYMBOLS LEGEND

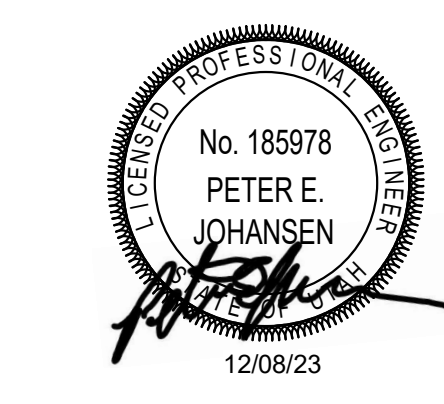
SYMBOL	DESCRIPTION
CLOCK	
⊙	CLOCK.
⊙G	CLOCK, SURFACE WITH WIRE GUARD.
NURSE CALL	
⊙	JUNCTION BOX.
⊙	CORRIDOR LIGHT.
⊙B	BATHROOM PULL CORD STATION.
⊙D	DUTY STATION.
⊙E	EMERGENCY ASSISTANCE CALL STATION.
⊙CB	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
⊙P	PATIENT STATION.
⊙S	STAFF STATION.
⊙NCM	TOUCH SCREEN NURSE CALL MASTER STATION.
⊙ZLC	ZONE LIGHT CONTROLLER.
⊙CU	NURSE CALL AREA CONTROL UNIT & POWER SUPPLIES.
CCTV	
⊙	CCTV CABLE, POWER.
⊙	CCTV CABLE, VIDEO SIGNAL.
⊙CCTV	CCTV HEADEND EQUIPMENT.
⊙M	CCTV MONITOR.
⊙	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
PTZ	CCTV CAMERA WITH PAN, TILT AND ZOOM.
360°	PANNING CAMERA TRANSVERSE ANGLE.
SECURITY	
⊙	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
⊙ACC	ACCESS CONTROL HEADEND EQUIPMENT.
⊙CTR	SECURITY CONTROL PANEL.
⊙SEC	INTRUSION DETECTION HEADEND EQUIPMENT.
⊙#1	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
⊙CR	CARD READER.
⊙KCR	KEYPAD/CARD READER COMBINATION.
⊙	DOOR SWITCH, BALANCED MAGNETIC CONTROL.
⊙ER	EXIT REQUEST.
⊙RL	REMOTE DOOR RELEASE BUTTON.
⊙	BELL.
⊙	BUZZER.
⊙	BUZZER, COMBINATION BELL.
⊙	SENSOR, BURIED VEHICULAR.
⊙	SENSOR, GLASS BREAK.
⊙	SENSOR, VOLUMETRIC.
⊙CA	CONTROLLED ACCESS POINT.
⊙IC	INTERCOM STATION.
⊙RU	DUAL TECHNOLOGY PASSIVE INFRARED SENSOR AND ULTRASONIC MOTION DETECTOR.
⊙IR	PASSIVE INFRARED SENSOR.
⊙P	PANIC DURESS SWITCH.
⊙U	ULTRASONIC MOTION DETECTOR.
⊙AP	ANNUNCIATOR PANEL.
⊙MSI	MASTER STATION, INTERCOM.
TV DISTRIBUTION	
⊙	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
⊙TR	TV DISTRIBUTION CABLE, TRUNK.
⊙CMB	COMBINER.
⊙DC	DIRECTIONAL COUPLER.
⊙DA	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
⊙SPL	SPLITTER (ONE-LINE DIAGRAM).
⊙	TV OUTLET.
⊙	SATELLITE ANTENNA.
⊙	TV ANTENNA (ONE-LINE DIAGRAM).
⊙W-	TERMINATOR, 75 OHM (TV DISTRIBUTION).

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VCBO NUMBER: 22545
CLIENT NUMBER: -
DATE: 12-08-2023



REV DATE DESCRIPTION

**INTERMOUNTAIN PARK CITY HOSPITAL
CT / FLUOROSCOPY REMODEL**

900 ROUND VALLEY DR, PARK CITY, UT 84080

CONSTRUCTION DOCUMENTS

SYMBOLS LEGEND

EE002

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CLINIC/HOSPITAL - CABLE/OUTLET COLOR SCHEDULE	
COLOR	TYPE
BLUE	DATA

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

CLINIC/HOSPITAL - EQUIPMENT/CABLE LIST		
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE. FOR A COMPLETE INSTALLATION, COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
▽	STATION CABLE, DATA - CATEGORY 6A FUTP RISER, BLUE, DATA	SIEMON 9A6R4-A5-06-R1A
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MS-BL-02
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MS-BL-02
SPPI	48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS	SIEMON Z6AS-PA-48

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

CLINIC/HOSPITAL - GENERAL PROJECT NOTES

- UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- PROVIDE PLENUM RATED CABLE IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
- THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
- IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
- GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- FOR EVERY CABLE PULL SPECIFIED, COIL 15' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15' ABOVE THE CEILING OR BELOW FLOOR WHERE APPLICABLE.
- PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
- RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF YOU HAVE A SYSTEM THAT HAS NOT RACK ALLOCATION PLEASE CALL BOE SAUSEDO AT 801-707-3805.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT, OR INCIDENTAL OVERSPRAY.

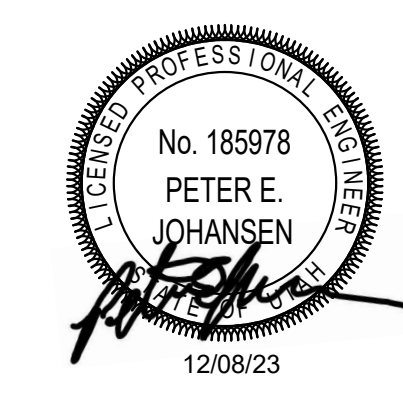


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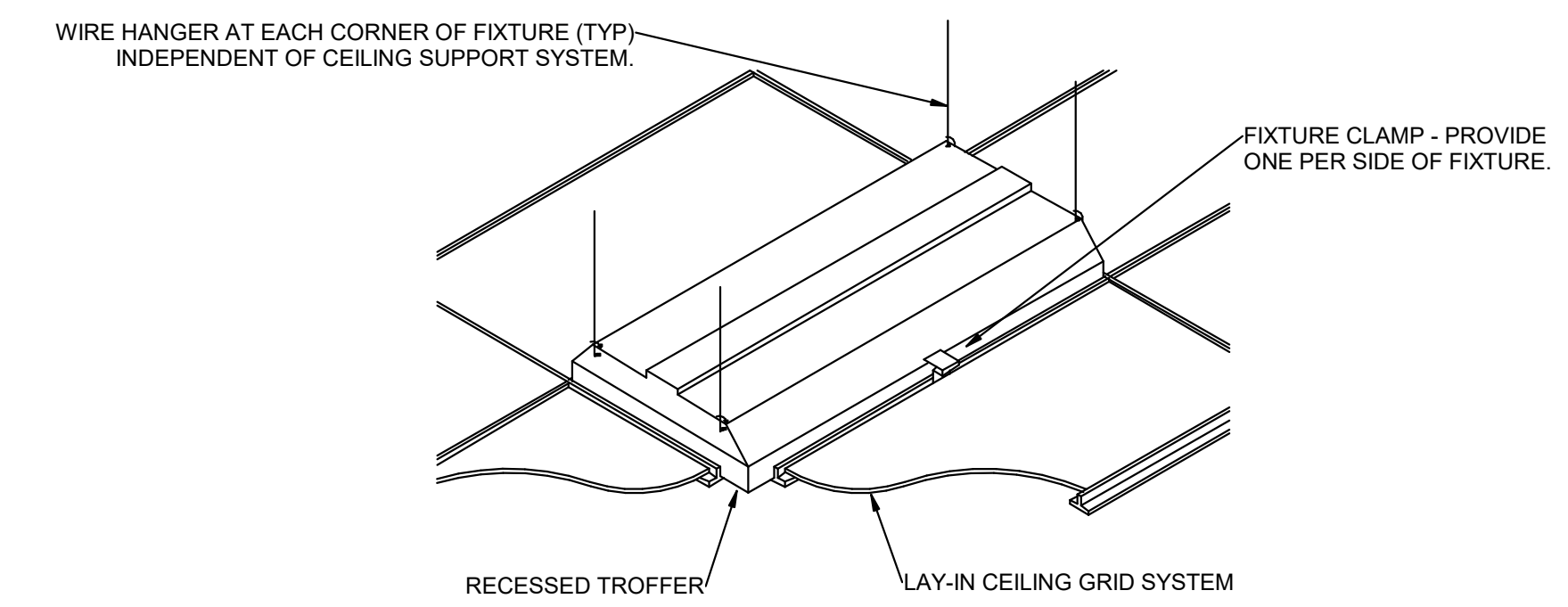
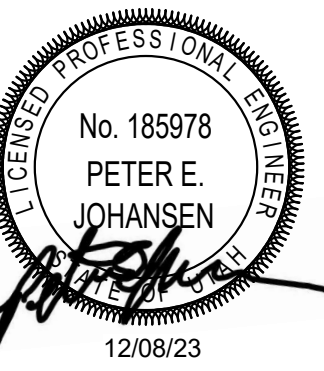
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CLIENT NUMBER: -
DATE: 12-08-2023

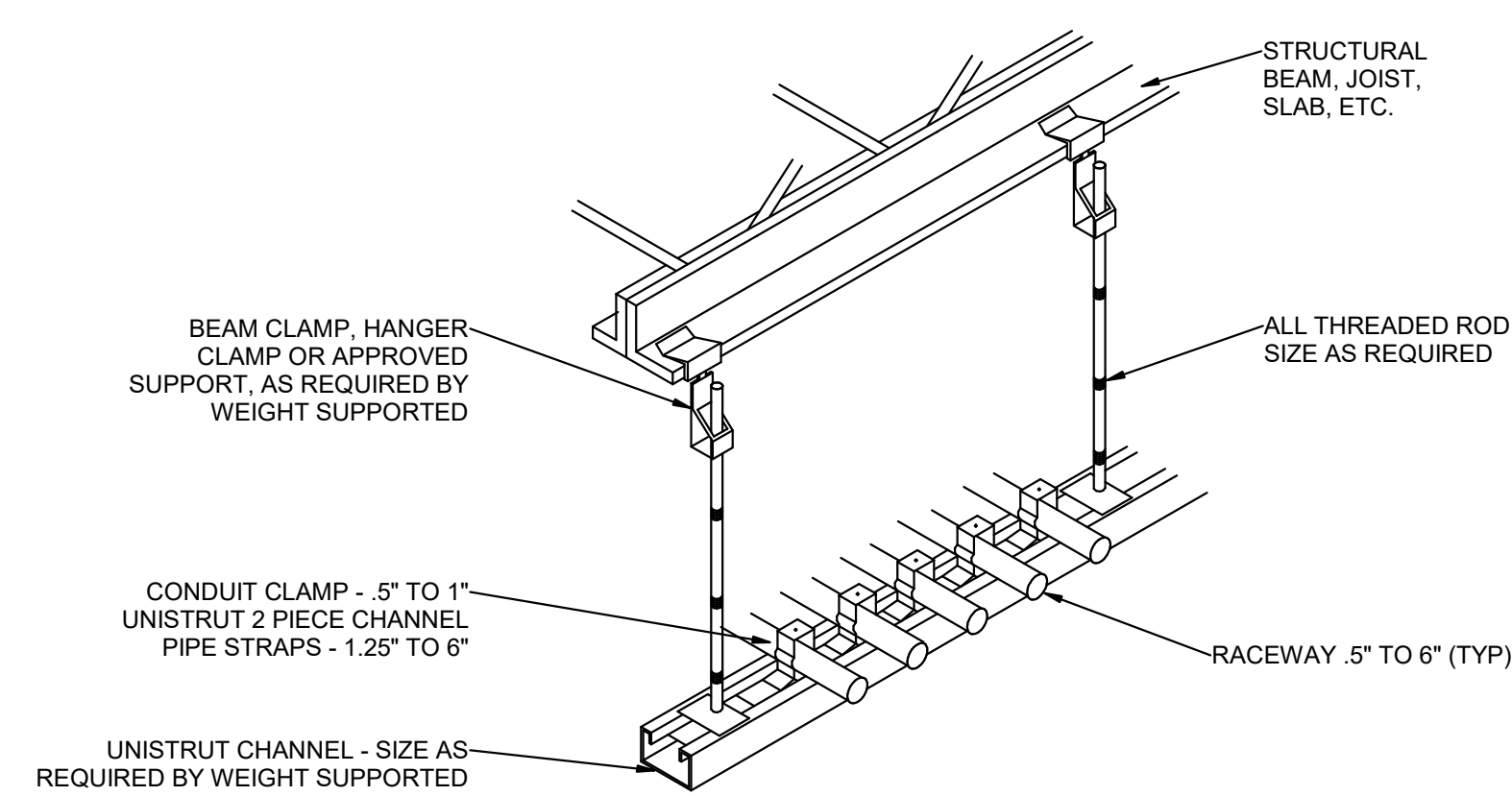


REV	DATE	DESCRIPTION
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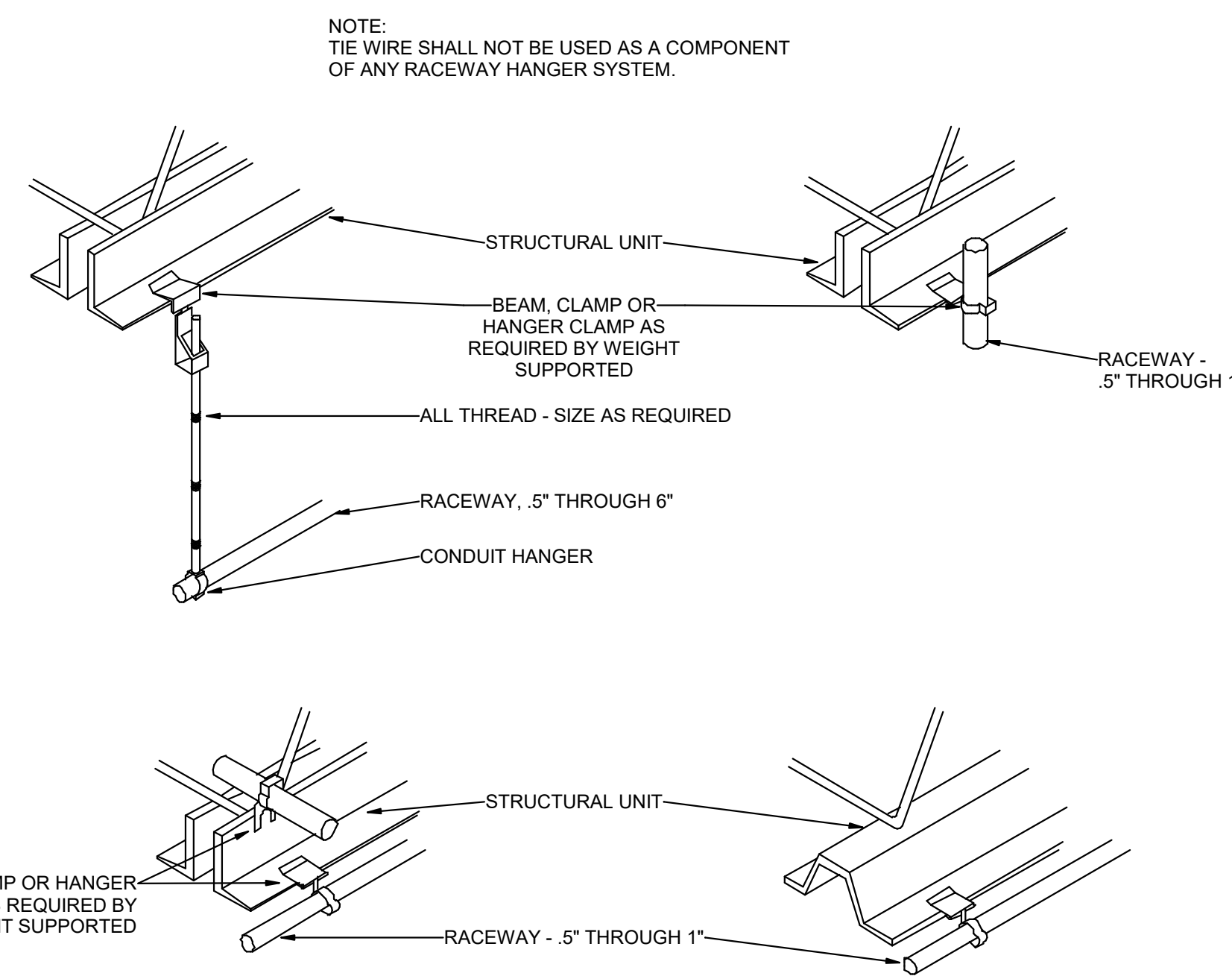
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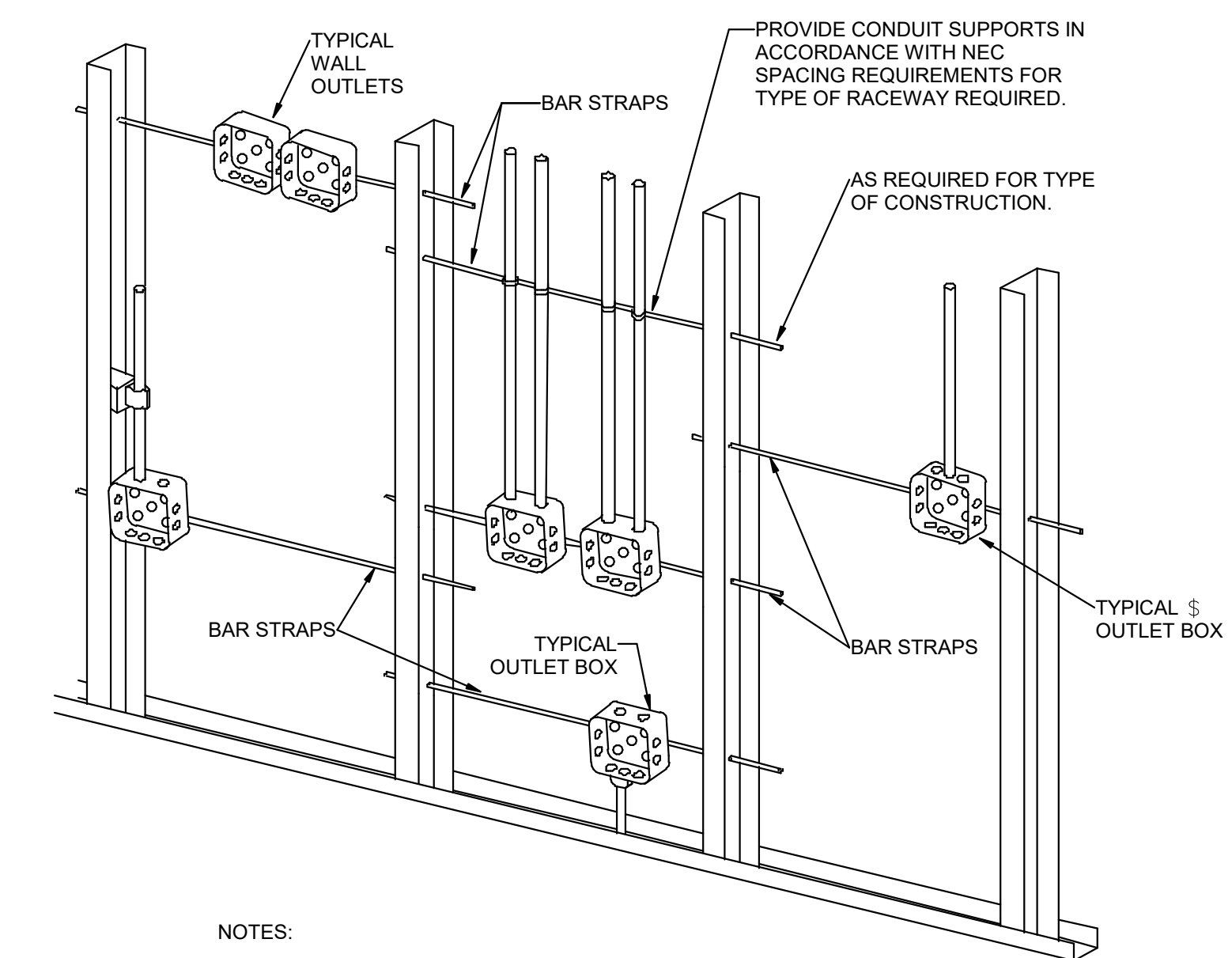
C5 RECESSED FIXTURE MOUNTING DETAIL
SCALE: 1/8" = 1'-0"



A1 TYPICAL CONDUIT RACK DETAIL
SCALE: 1/8" = 1'-0"



A3 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: 1/8" = 1'-0"



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

A5 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: 1/8" = 1'-0"

REV	DATE	DESCRIPTION
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CONNECTIVITY REQUIREMENTS

All Digital systems are equipped with Broadband fast Ethernet hardware for Service Diagnostics. The systems equipped with Digital Imaging are capable of placing electronic images on the Hospital image Ethernet Network (DICOM).

The Digital PC (part of the Digital subsystem) is the connectivity point between the system and the hospital. For a Broadband connection, it is the purchaser's responsibility to provide the connection at the Ethernet port on the Digital PC via a Cat 5 Ethernet cable and the hospital Ethernet connection.

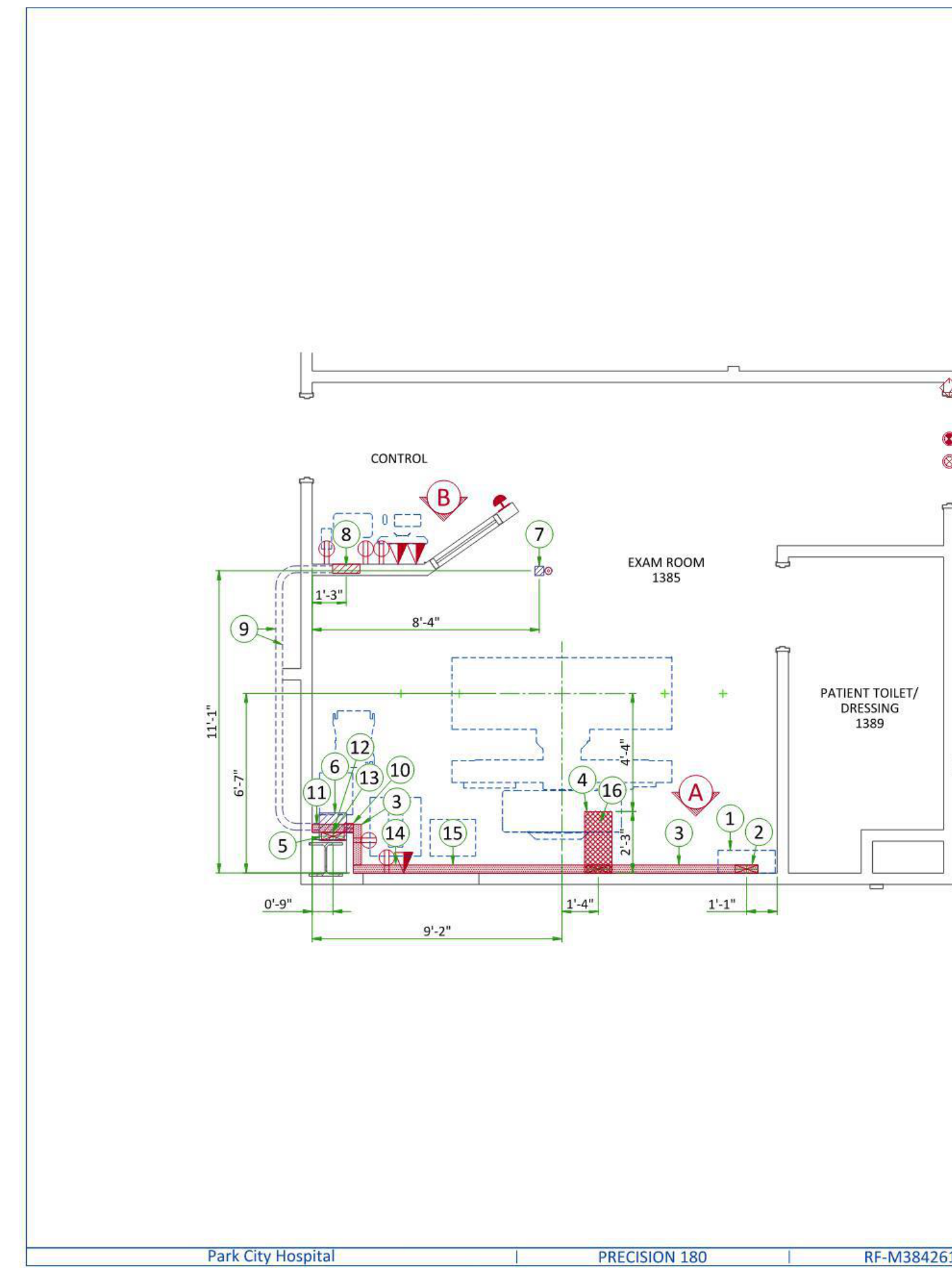
Note: System hardware is rated at 100/1000Mbps transfer rate. Hospital connections must be rated for 100/1000Mbps for optimal performance. One R45 Ethernet plus should be present in the room.

ELECTRICAL NOTES

- All wires specified shall be copper stranded, flexible, thermo-plastic, color coded, cut 10 foot long at outlet boxes, duct termination points or stubbed conduit ends. All conductors, power, signal and ground, must be run in a conduit or duct system. Electrical contractor shall ring out and tag all wires at both ends. Wire runs must be continuous copper stranded and free from splices.
 - Aluminum or solid wires are not allowed.
 - Wire sizes given are for use of equipment. Larger sizes may be required by local codes.
 - It is recommended that all wires be color coded, as required in accordance with national and local electrical codes.
 - Conduit sizes shall be verified by the architect, electrical engineer or contractor, in accordance with local or national codes.
 - Convenience outlets are not illustrated. Their number and location are to be specified by others. Locate at least one convenience outlet close to the system control, the power distribution unit and one on each wall of the procedure room. Use hospital approved outlet or equivalent.
 - General room illumination is not illustrated. Caution should be taken to avoid excessive heat from overhead spotlights. Damage can occur to ceiling mounting components and wiring if high wattage bulbs are used. Recommend low wattage bulbs no higher than 75 watts and use dimmer controls (except MR). Do not mount lights directly above areas where ceiling mounted accessories will be parked.
 - Routing of cable ductwork, conduits, etc., must run direct as possible otherwise may result in the need for greater than standard cable lengths (refer to the interconnection diagram for maximum usable lengths point to point).
 - Conduit turns to have large, sweeping bends with minimum radius in accordance with national and local electrical codes.
 - A special grounding system is required in all procedure rooms by some national and local codes. It is recommended in areas where patients might be examined or treated under present, future, or emergency conditions. Consult the governing electrical code and confer with appropriate customer administrative personnel to determine the areas requiring this type of grounding system.
 - The maximum point to point distances illustrated on this drawing must not be exceeded.
 - Physical connection of primary power to GE equipment is to be made by customers electrical contractor with the supervision of a GE representative. The GE representative would be required to identify the physical connection location, and insure proper handling of GE equipment.
 - GEHC conducts power audits to verify quality of power being delivered to the system. The customer's electrical contractor is required to be available to support this activity.

- All junction boxes, conduit, duct, duct dividers, switches, circuit breakers, cable tray, etc., are to be supplied and installed by customers electrical contractor.
- Conduit and duct runs shall have sweep radius bends.
- Conduits and duct above ceiling or below finished floor must be installed as near to ceiling or floor as possible to reduce run length.
- Ceiling mounted junction boxes illustrated on this plan must be installed flush with finished ceiling.
- All ductwork must meet the following requirements:
 - Ductwork shall be metal with dividers and have removable, accessible covers.
 - Ductwork shall be certified/rated for electrical power purposes.
 - Ductwork shall be electrically and mechanically bonded together in an approved manner.
 - PVC as a substitute must be used in accordance with all local and national codes.
- All openings in raceway and access flooring are to be cut out and finished off with grommet material by the customers contractor.
- General contractor to insert pull cords for all cable run conduits between the equipment room and the operators control room.
- 10 foot pigtail at all junction points.
- Grounding is critical to equipment function and patient safety. Site must conform to wiring specifications shown on this plan.

Park City Hospital | PRECISION 180 | RF-M384261-FIN-00-A-DWG | Rev A | Date 01/Nov/2023 | E1 - Electrical Notes | 12/16



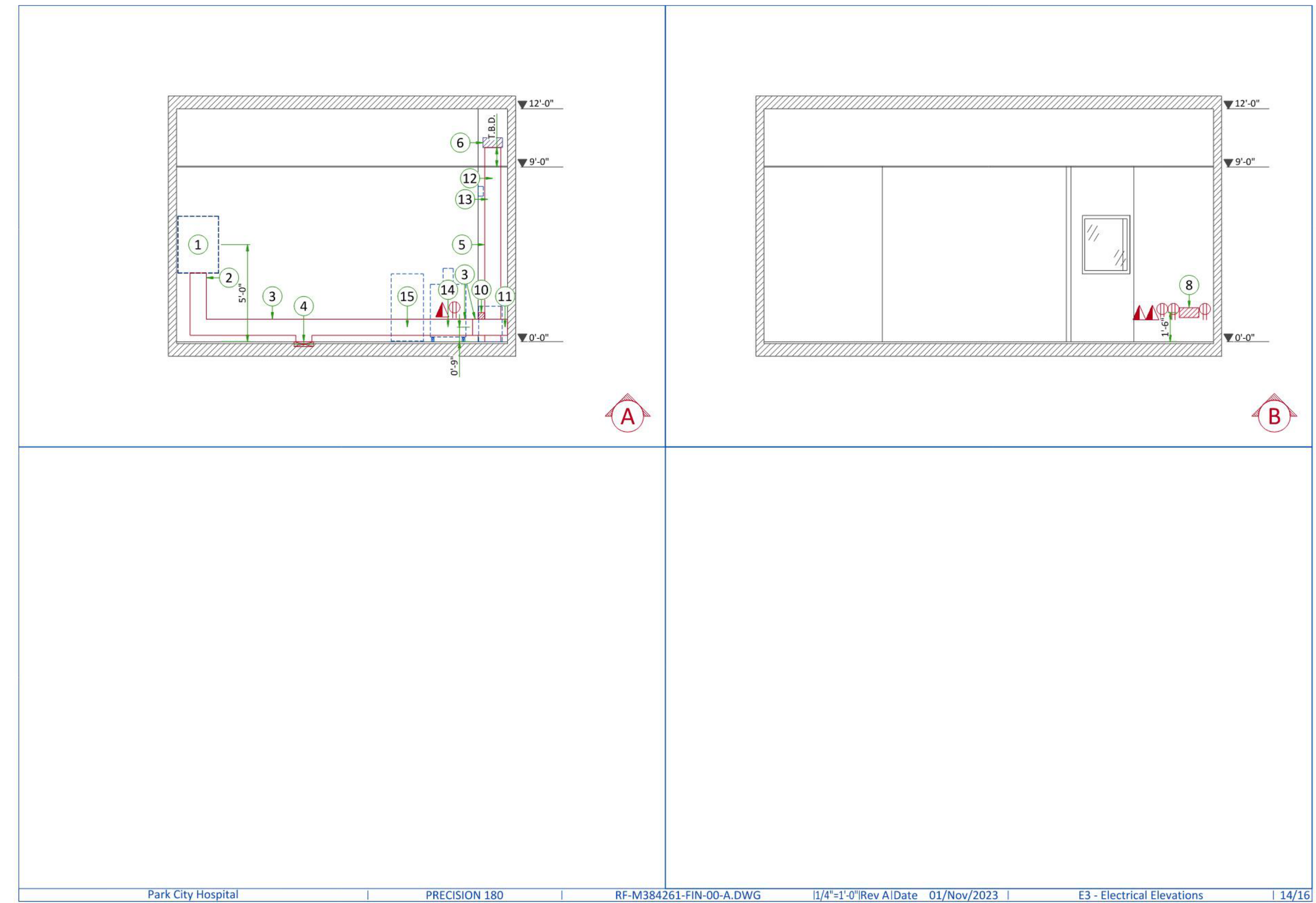
Park City Hospital | PRECISION 180 | RF-M384261-FIN-00-A-DWG | 1/4"-1"-0" Rev A | Date 01/Nov/2023 | E2 - Electrical Layout | 13/16

Item	Quantity	Electrical Layout Item List
1		Power Distribution Box (PDB)
2		12" x 3 1/2" [250 x 100] Surface wall duct to bottom of PDB with minimum 2 dividers
3		12" x 3 1/2" [250 x 100] Surface wall duct with minimum 2 dividers
4		12" x 3" [300 x 100] Trench duct with minimum 2 dividers
5		12" x 3 1/2" [250 x 100] Flush wall duct with minimum 2 dividers
6		Box above ceiling - size per local code
7		Box flush in ceiling - size per local code (Intercom Microphone)
8		Flush box - size per local code (Operator and Intercom Consoles)
9		2 1/2" [64] Conduit above ceiling
10		4" x 4" x 4" [100 x 100 x 100] Box attached to duct (TMS Readiness Kit)
11		Grommetted opening (Transformer)
12		Grommetted opening (Monitor)
13		Grommetted opening (Intercom Loudspeaker)
14		Grommetted opening (Digital Systems Cabinet)
15		Grommetted opening (Generator Cabinet)
16		Suitable chase nipples, refer to Table Floor Mounting detail on sheet 53 (Table)

Item	Quantity	Electrical Outlet Legend
		Customer/contractor supplied and installed items unless otherwise specified. Height above floor determined by local codes unless otherwise specified.
		System emergency off (SEO), (recommended height 1.2m [48"] above floor)
		X-Ray room warning light control panel
		X-Ray ON lamp (L1) - 24V
		Door interlock switch (Trended only if required by state/local codes)
		Duplex hospital grade, dedicated wall outlet 120-v, single phase power
		Network outlet

Cable Length Note:
Routing of cable ductwork, conduits, etc., must run direct as possible otherwise may result in the need for greater than standard cable lengths (refer to the interconnection diagram for maximum usable lengths point to point).

Additional Conduit Runs (Contractor Supplied and Installed)				
From (Bubble # / Item)	To (Bubble # / Item)	Qty	Size	
			In.	mm
3 phase power	1 Power Distribution Box	1	As req'd	As req'd
	Emergency off	1	1/2	16
	GTS On/Off switch	1	1/2	16
1 Power Distribution Box	Warning light	1	1/2	16
	Warning light control	1	As req'd	As req'd
6 Generator	Door Switch	1	1/2	16
	Intercom Loudspeaker	1	1	25
8 Intercom Console	Intercom Microphone	1	1	25



Park City Hospital | PRECISION 180 | RF-M384261-FIN-00-A-DWG | 1/4"-1"-0" Rev A | Date 01/Nov/2023 | E3 - Electrical Elevations | 14/16

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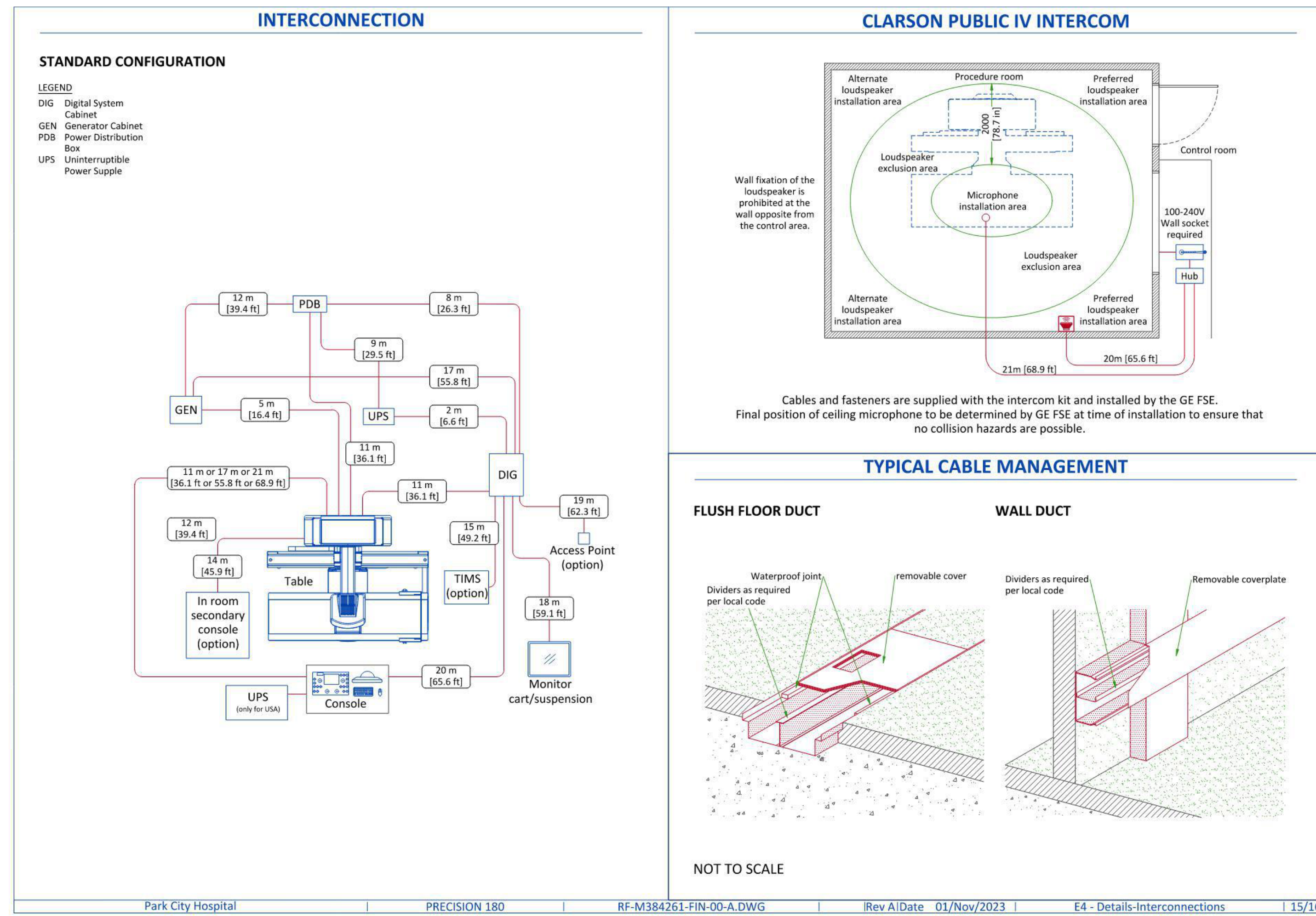
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POWER REQUIREMENTS

GENERATOR TYPE	65 kW	80 kW
POWER SUPPLY	Wye 3 PHASE + G 480V ±10%	
MAINS FREQUENCY	50/60 Hz ± 2%	
LINE INPUT REACTIVE POWER (PEAK)	95 kVA	119 kVA
LINE INPUT ACTIVE POWER	65 kW	80 kW

- Line supply should come into a power distribution box (PDB) containing the protective units and controls. The PDB does not require a neutral line.
- The section of the supply cable should be calculated in accordance with its length and the maximum permissible voltage drops.
- There must be discrimination between supply cable protective device at the beginning of the installation (main low-voltage transformer side) and the protective devices in the PDB.

SUPPLY CHARACTERISTICS

- Power input must be separated from any others which may generate transients (elevators, air conditioning, radiology rooms equipped with high speed film changers...)
- All equipment (lighting, power outlets, etc...) installed with GE system components must be powered separately.

GROUND SYSTEM

- Equipotential: the equipotential link will be by means of an equipotential bar. This equipotential bar should be connected to the protective earth conductors in the ducts of the non GE cableways and to additional equipotential connections linking up all the conducting units in the rooms where GE units are located.

CABLES

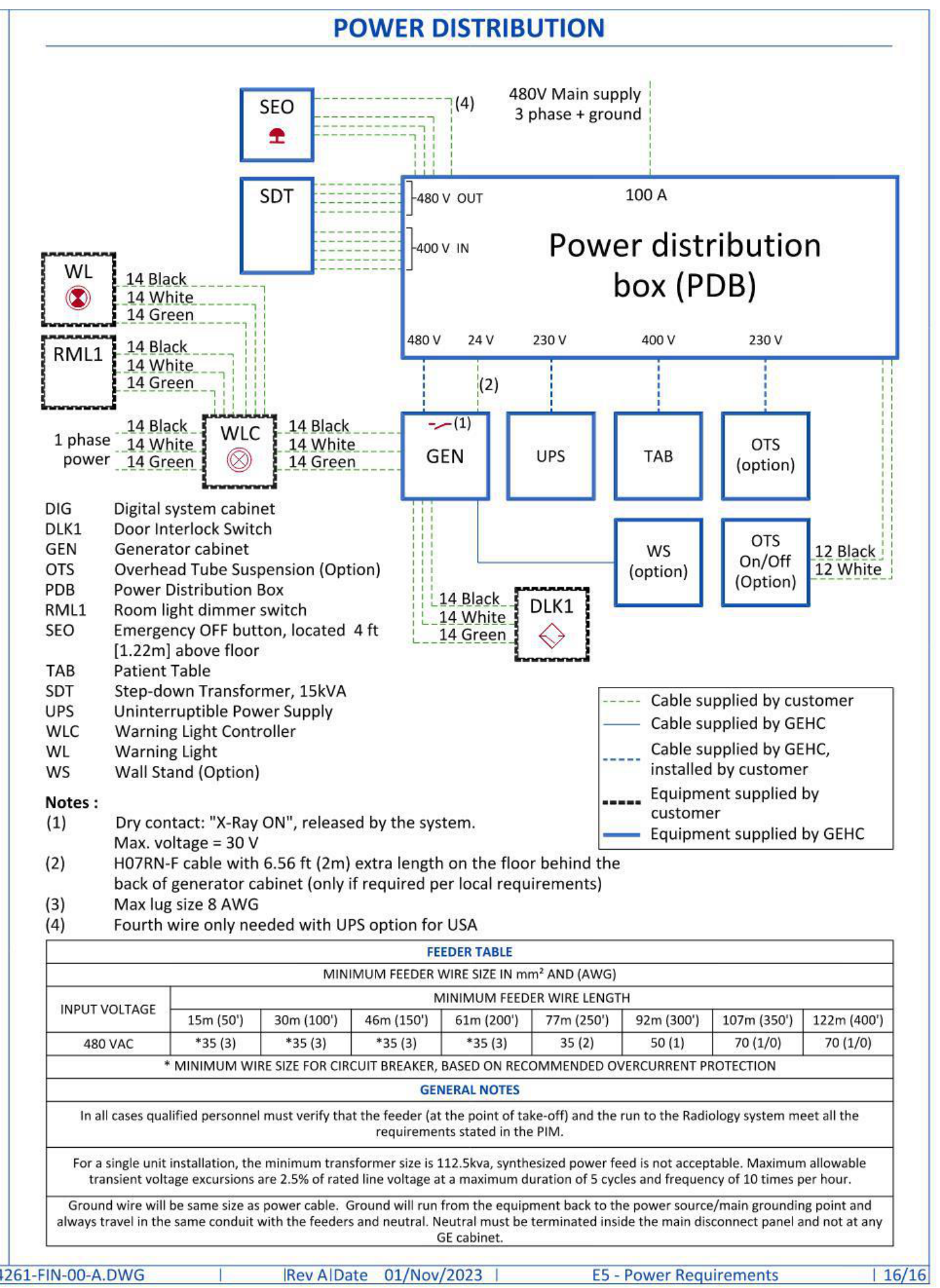
- Power and cable installation must comply with the distribution diagram below.
- All cables must be isolated and flexible, cable color codes must comply with standards for electrical installation.
- Case PDB furnished by GE: The cables for signals and remote control (Y, SEO, L...) will go to PDB with a pigtail length of 1.5m, and will be connected during installation. Each conductor will be identified and isolated (screw connector).

CABLEWAYS

The general rules for laying cableways should meet the conditions laid down in current standards and regulations, with regard to:

- Protecting cables against water (cableways should be waterproof)
- Protecting cables against abnormal temperatures (proximity to heating pipes or ducts)
- Protecting cables against temperature shocks
- Replacing cables (cableways should be large enough for cables to be replaced)
- Metal cableways should be grounded.

Park City Hospital | PRECISION 180 | RF-M384261-FIN-00-A.DWG | Rev A | Date 01/Nov/2023 | E5 - Power Requirements | 16/16



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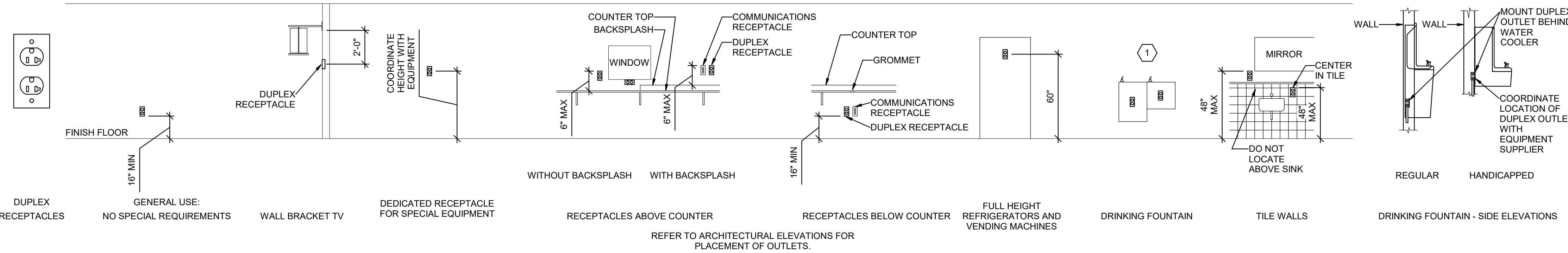
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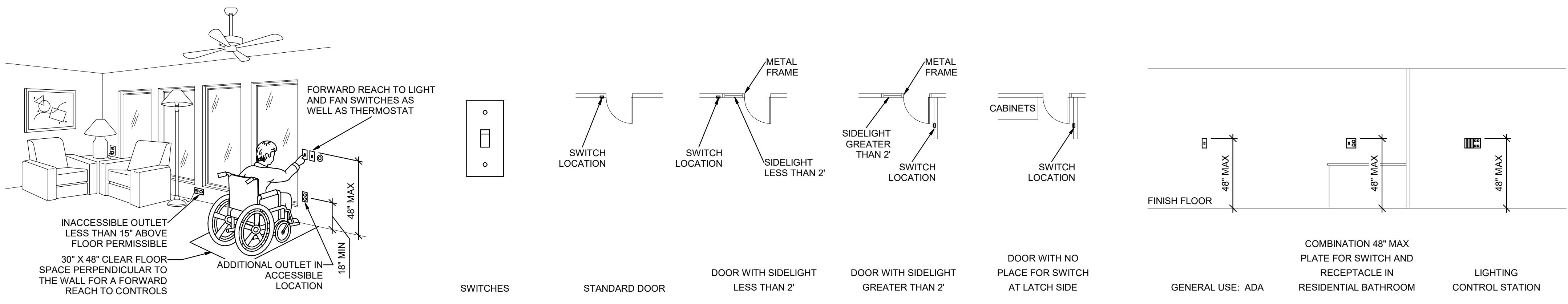
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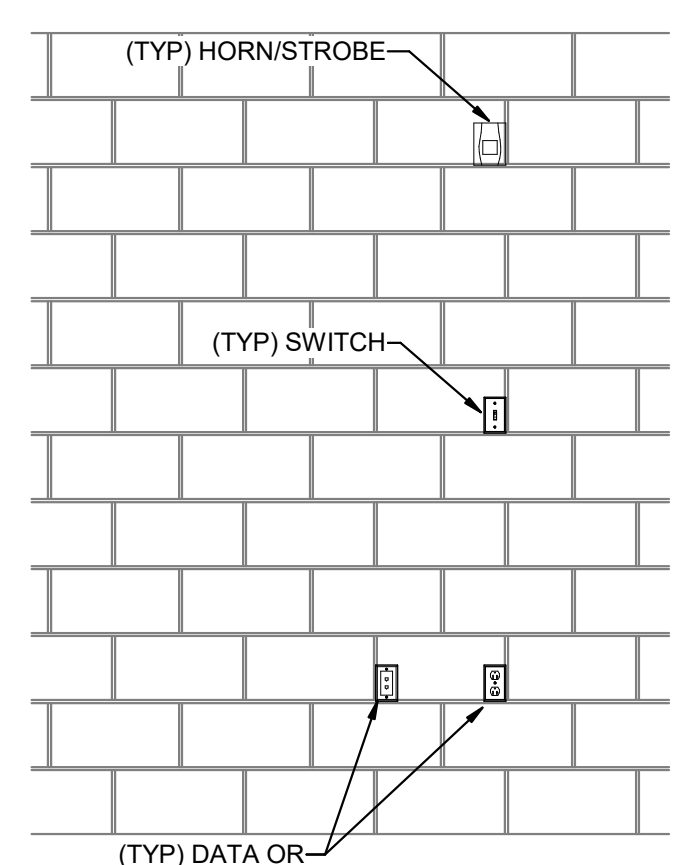


E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS

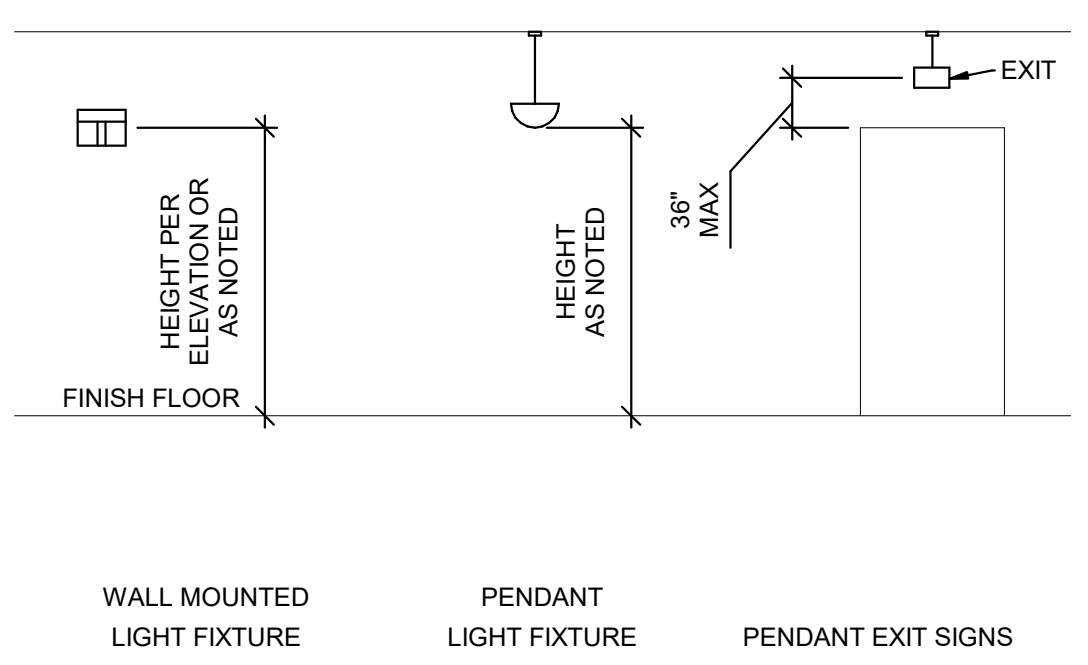


D2 ADA DETAIL
SCALE: NTS

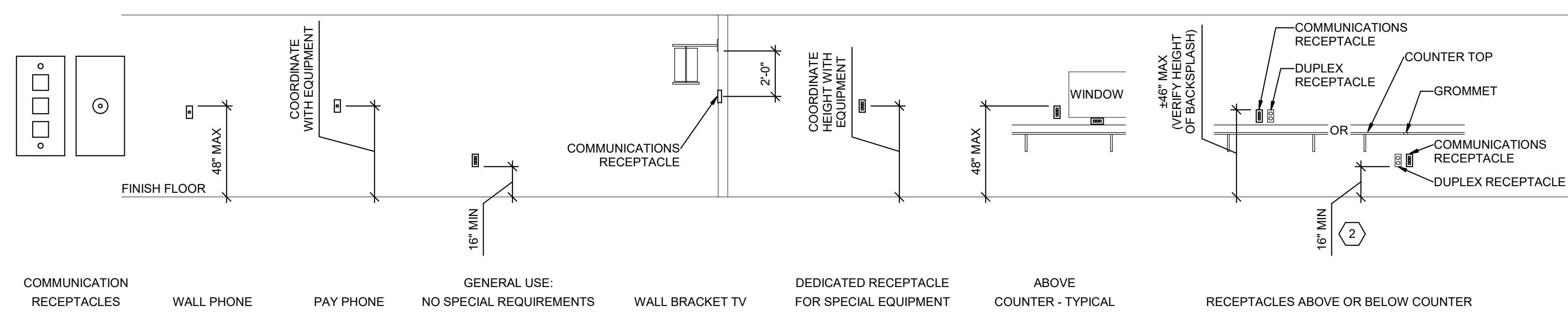
D3 SWITCH MOUNTING DETAILS
SCALE: NTS



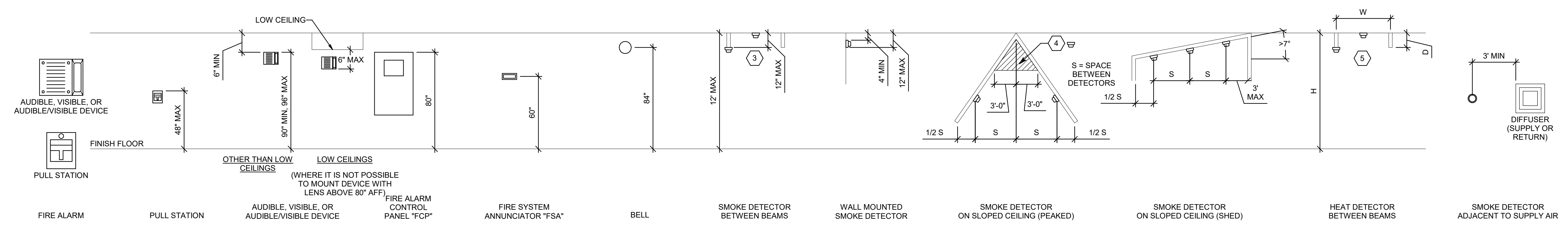
C1 CMU DEVICE MOUNTING ALIGNMENT DETAIL
SCALE: NTS



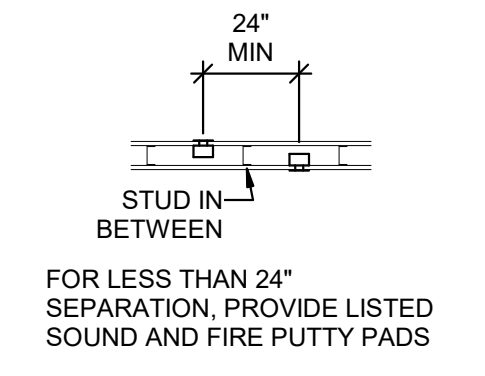
C2 LIGHTING MOUNTING DETAILS
SCALE: NTS



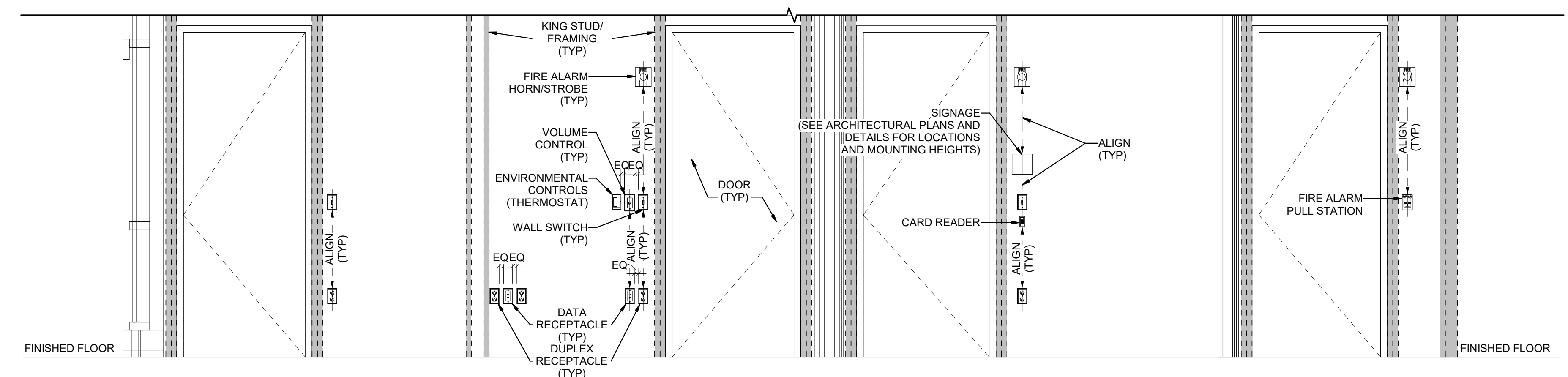
C3 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



B1 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



A1 BOX MOUNTING DETAILS
SCALE: NTS



A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

GENERAL SHEET NOTES

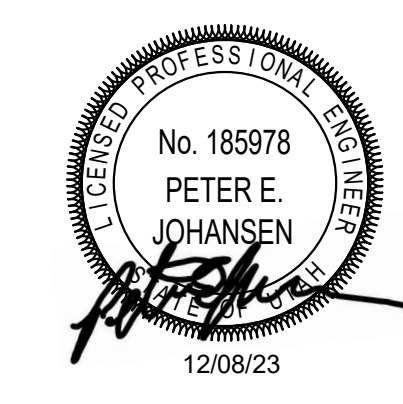
1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
2 - EQUIPMENT SHOP DRAWINGS.
3 - FIELD INSTRUCTIONS.
2. LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED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

SHEET KEYNOTES

1. LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
3. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY 5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
4. LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4" OF PEAK.
5. LOCATE AT BOTTOM OF BEAMS IF $D/H < .1$ OR $W/H < .4$; OTHERWISE, LOCATE IN BEAM POCKET. FOR $D > 4$ REDUCE SPACING .33 PERPENDICULAR TO BEAMS.

VCBO

SALT LAKE CITY - HQ
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070
VCBO.COM
VCBO NUMBER: 22545
CLIENT NUMBER: -
DATE: 12-08-2023

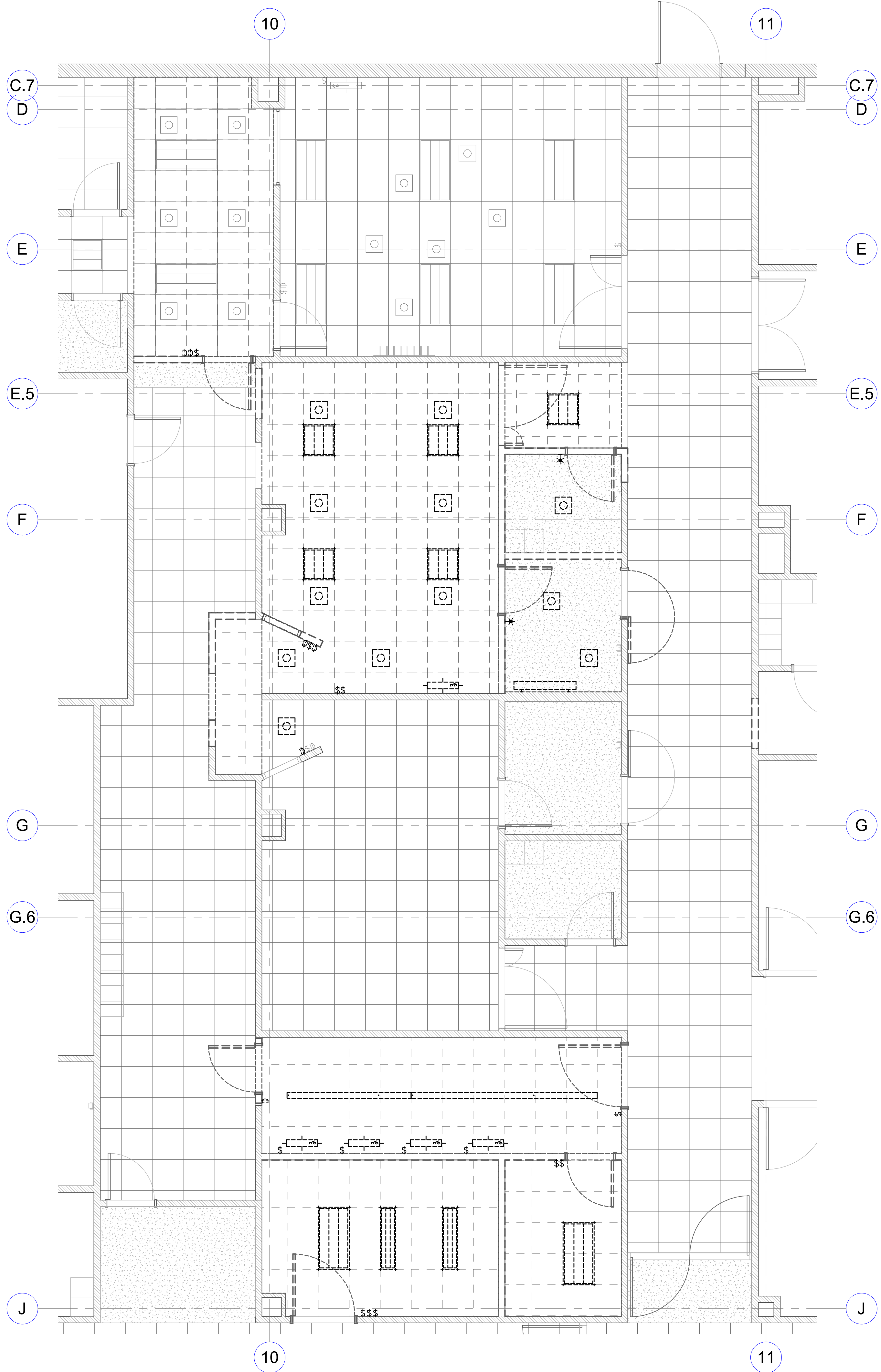


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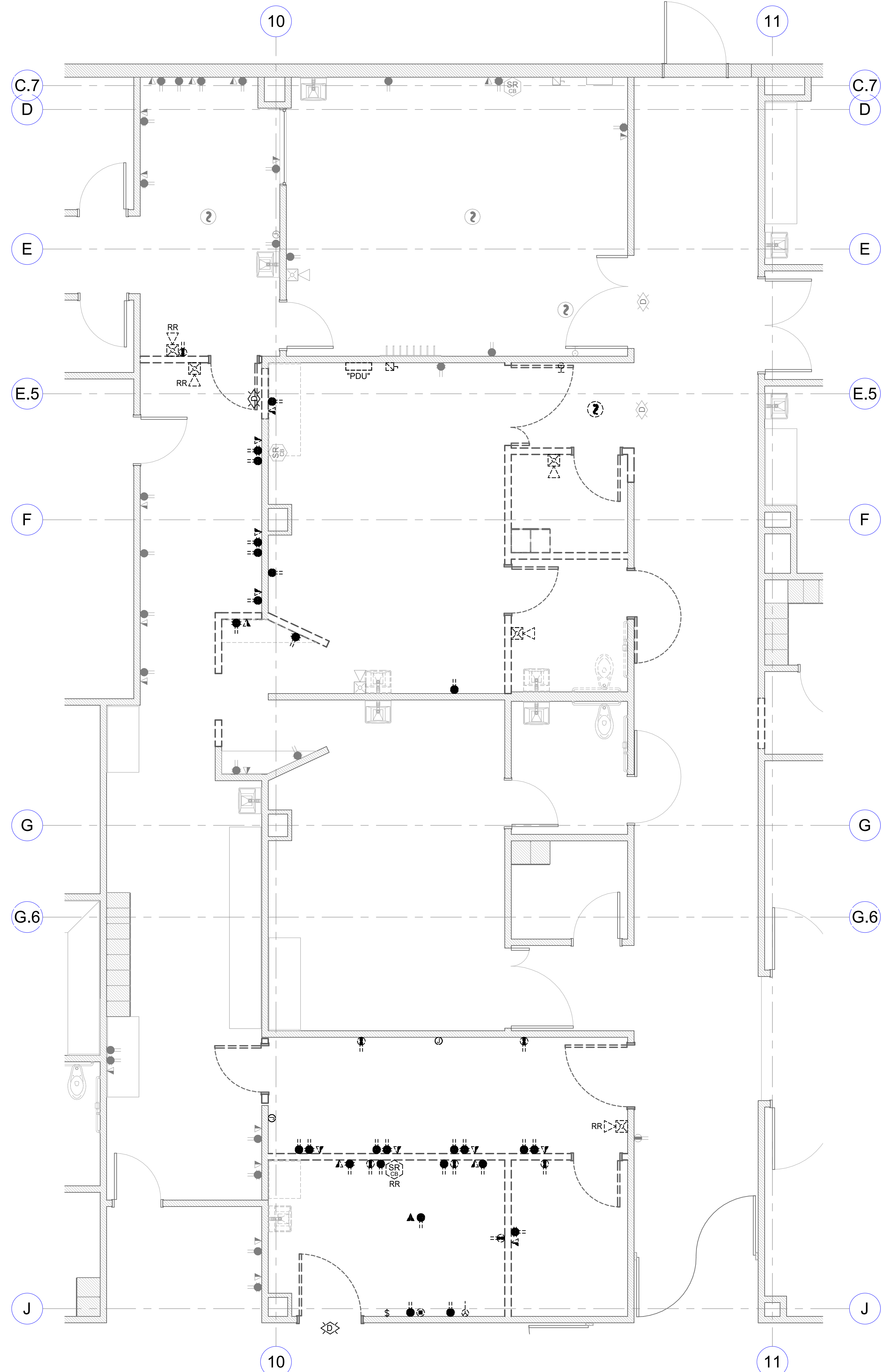
**INTERMOUNTAIN PARK CITY HOSPITAL
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CONSTRUCTION DOCUMENTS

TYPICAL MOUNTING HEIGHT DETAILS

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A1 FIRST FLOOR - DEMOLITION LIGHTING PLAN
SCALE: 1/4" = 1'-0"



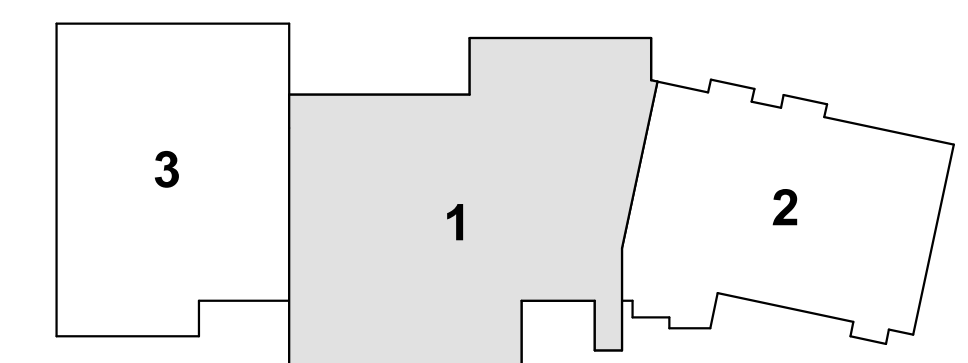
A3 FIRST FLOOR - DEMOLITION POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

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

SHEET KEYNOTES

KEY PLAN

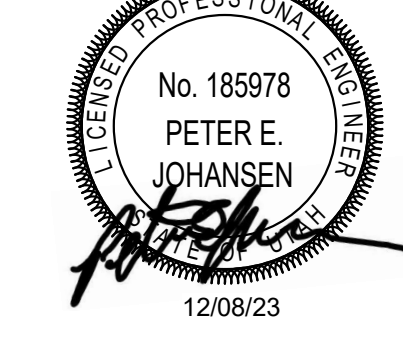


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FIRST FLOOR - DEMOLITION PLANS

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