

UNT Health Imaging PET Addition

FEBRUARY 13, 2026
PW PROJECT #144090.00

3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

ISSUE FOR CONSTRUCTION

							
FACILITY	OWNER	ARCHITECT	INTERIOR DESIGN	STRUCTURAL	MEP	AV	COST ESTIMATING
UNT Health Fort Worth 3400 Camp Bowie Blvd. Fort Worth, Texas 76107	UNT Health Fort Worth 3400 Camp Bowie Blvd. Fort Worth, Texas 76107	Perkins&Will 2218 Bryan St. #200, Dallas, Texas 75201 469.965.1333 (TEL)	Perkins&Will 2218 Bryan St. #200, Dallas, Texas 75201 469.965.1333 (TEL)	Datum Rios, LLC 303 Pearl Pkwy, Suite 210 San Antonio, Texas 78215 210.623.0409 (TEL)	MEPCE 6341 Campus Circle East Las Colinas, Texas 75063 972.870.9060 (TEL)	MEPCE 6341 Campus Circle East Las Colinas, Texas 75063 972.870.9060 (TEL)	Vermeulens 325 North St. Paul Street, Suite 3100 Dallas, Texas 75201 469.965.1333

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DRAWING NUMBER KEY	PROJECT DATA																																																								
KEY DISCIPLINE G - GENERAL A - ARCHITECTURAL S - STRUCTURAL FP - FIRE PROTECTION P - PLUMBING M - MECHANICAL E - ELECTRICAL T - TELECOMMUNICATIONS SC - SECURITY AV - AV NUMBER OF PLAN, DETAIL, ETC. ON SHEET DRAWING SERIES 15/A11-01	• PROJECT INFORMATION: ALTERATION WORK: 4980SF ALTERATION SITE WORK: 400 SF THE CENTER FOR BIO-HEALTH LEVEL 1 CURRENTLY HOUSES THE ITR IMAGING CENTER DESIGNED TO SUPPORT CLINICAL RESEARCH STUDIES ACROSS UNT HEALTH. THE EXISTING IMAGING CENTER CURRENTLY HOUSES TWO 3T MRI SCANNERS AND TWO SIEMENS BIOGRAPH 450 PET/CT SCANNERS. THE PROGRAM IS CURRENTLY LOOKING TO EXPAND WITH THE ADDITION OF A THIRD PET/CT SCANNER. THE ADDITIONAL SCANNER IS LOCATED ON THE FIRST FLOOR WITH THE EXISTING SCANNERS AND REQUIR ADDITIONAL RENOVATION FOR SUPPORT SPACES SUCH AS: EXAM ROOMS, EQUIPMENT SPACES. • CODES/ LAWS: INTERNATIONAL CODE CONFERENCE CODES 2021 INTERNATIONAL BUILDING CODE (IBC) 2021 NATIONAL PLUMBING CODE (IPC) 2021 INTERNATIONAL MECHANICAL CODE (IMC) 2021 INTERNATIONAL FUEL GAS CODE (IFGC) 2021 INTERNATIONAL FIRE CODE (IFC) NFPA CODES: 2023 NFPA 70 NATIONAL ELECTRIC CODE 2021 NFPA 101 - LIFE SAFETY CODE 2021 NFPA 1 - FIRE CODE AND REFERENCED CODES 2019 NFPA 13 STANDARD FOR THE INSTALLATION OF FIRE SPRINKLER SYSTEMS 2019 NFPA 72 NATIONAL FIRE ALARM SIGNALING CODE STATE OF TEXAS: 2012 TEXAS ACCESSIBILITY STANDARDS (TAS) FEDERAL: 2010 AMERICANS WITH DISABILITIES ACT GUIDELINES • OCCUPANCY CLASSIFICATION: 2021 IBC - GROUP B 2021 NFPA 101 - NEW BUSINESS OR AMBULATORY HEALTH CARE OCCUPANCY (CHAPTER 21, 38) EXISTING BUSINESS OR AMBULATORY HEALTH CARE OCCUPANCY • CONSTRUCTION TYPE: NEW: 2021 IBC - TYPE II - FR, FULLY SPRINKLERED 2021 NFPA 101 - TYPE II (III), FULLY SPRINKLERED • ALLOWABLE HEIGHT AND BUILDING AREAS: <table><tr><td>STORIES:</td><td>MAX ALLOWED</td><td>STORIES</td><td>EXISTING</td></tr><tr><td>HEIGHT:</td><td>N/A</td><td>HEIGHT</td><td>6 STORIES (HIGH RISE) - NO CHANGES</td></tr><tr><td>FLOOR AREA:</td><td>N/A</td><td>FLOOR AREA</td><td>125'-3" - NO CHANGES 23,775 SF - NO CHANGES</td></tr></table> • FIRE RESISTANCE IBC: (FOR TYPE 2A CONSTRUCTION) <table><tr><th>BUILDING ELEMENT</th><th>FIRE RATING</th></tr><tr><td>STRUCTURAL FRAME (INCLUDING COLUMNS & GIRDERS)</td><td>1-HR</td></tr><tr><td>SUPPORTING ROOF ONLY</td><td>1-HR</td></tr><tr><td>SUPPORTING ONE OR MORE FLOORS</td><td>1-HR</td></tr><tr><td>BEARING WALLS</td><td></td></tr><tr><td>EXTERIOR</td><td>1-HR</td></tr><tr><td>INTERIOR (SUPPORTING ROOF ONLY)</td><td>1-HR</td></tr><tr><td>NON-BEARING WALLS</td><td></td></tr><tr><td>EXTERIOR</td><td>0-HR</td></tr><tr><td>FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS (SECONDARY MEMBERS))</td><td>1-HR</td></tr><tr><td>ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS (SECONDARY MEMBERS))</td><td>1-HR</td></tr></table> REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL INFORMATION. • FIRE RESISTANCE NFPA 101: TYPE II (111), FULLY SPRINKLERED <table><tr><th>BUILDING ELEMENT</th><th>FIRE RATING</th></tr><tr><td>STRUCTURAL FRAME (INCLUDING COLUMNS & GIRDERS)</td><td>1-HR</td></tr><tr><td>SUPPORTING ROOF ONLY</td><td>1-HR</td></tr><tr><td>SUPPORTING ONE OR MORE FLOORS</td><td>1-HR</td></tr><tr><td>EXTERIOR BEARING WALLS (SUPPORTING MORE THAN ONE FLOOR, COLUMNS OR OTHER BEARING WALLS), SUPPORTING ONE FLOOR ONLY.</td><td>1-HR</td></tr><tr><td>INTERIOR BEARING WALLS (SUPPORTING MORE THAN ONE FLOOR, COLUMNS OR OTHER BEARING WALLS), SUPPORTING ONE FLOOR ONLY.</td><td>1-HR</td></tr><tr><td>NON-BEARING WALLS</td><td></td></tr><tr><td>EXTERIOR</td><td>0-HR</td></tr><tr><td>INTERIOR</td><td>0-HR</td></tr><tr><td>FLOOR CONSTRUCTION</td><td>1-HR</td></tr><tr><td>ROOF CONSTRUCTION</td><td>1-HR</td></tr></table>	STORIES:	MAX ALLOWED	STORIES	EXISTING	HEIGHT:	N/A	HEIGHT	6 STORIES (HIGH RISE) - NO CHANGES	FLOOR AREA:	N/A	FLOOR AREA	125'-3" - NO CHANGES 23,775 SF - NO CHANGES	BUILDING ELEMENT	FIRE RATING	STRUCTURAL FRAME (INCLUDING COLUMNS & GIRDERS)	1-HR	SUPPORTING ROOF ONLY	1-HR	SUPPORTING ONE OR MORE FLOORS	1-HR	BEARING WALLS		EXTERIOR	1-HR	INTERIOR (SUPPORTING ROOF ONLY)	1-HR	NON-BEARING WALLS		EXTERIOR	0-HR	FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS (SECONDARY MEMBERS))	1-HR	ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS (SECONDARY MEMBERS))	1-HR	BUILDING ELEMENT	FIRE RATING	STRUCTURAL FRAME (INCLUDING COLUMNS & GIRDERS)	1-HR	SUPPORTING ROOF ONLY	1-HR	SUPPORTING ONE OR MORE FLOORS	1-HR	EXTERIOR BEARING WALLS (SUPPORTING MORE THAN ONE FLOOR, COLUMNS OR OTHER BEARING WALLS), SUPPORTING ONE FLOOR ONLY.	1-HR	INTERIOR BEARING WALLS (SUPPORTING MORE THAN ONE FLOOR, COLUMNS OR OTHER BEARING WALLS), SUPPORTING ONE FLOOR ONLY.	1-HR	NON-BEARING WALLS		EXTERIOR	0-HR	INTERIOR	0-HR	FLOOR CONSTRUCTION	1-HR	ROOF CONSTRUCTION	1-HR
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OVERALL MAP



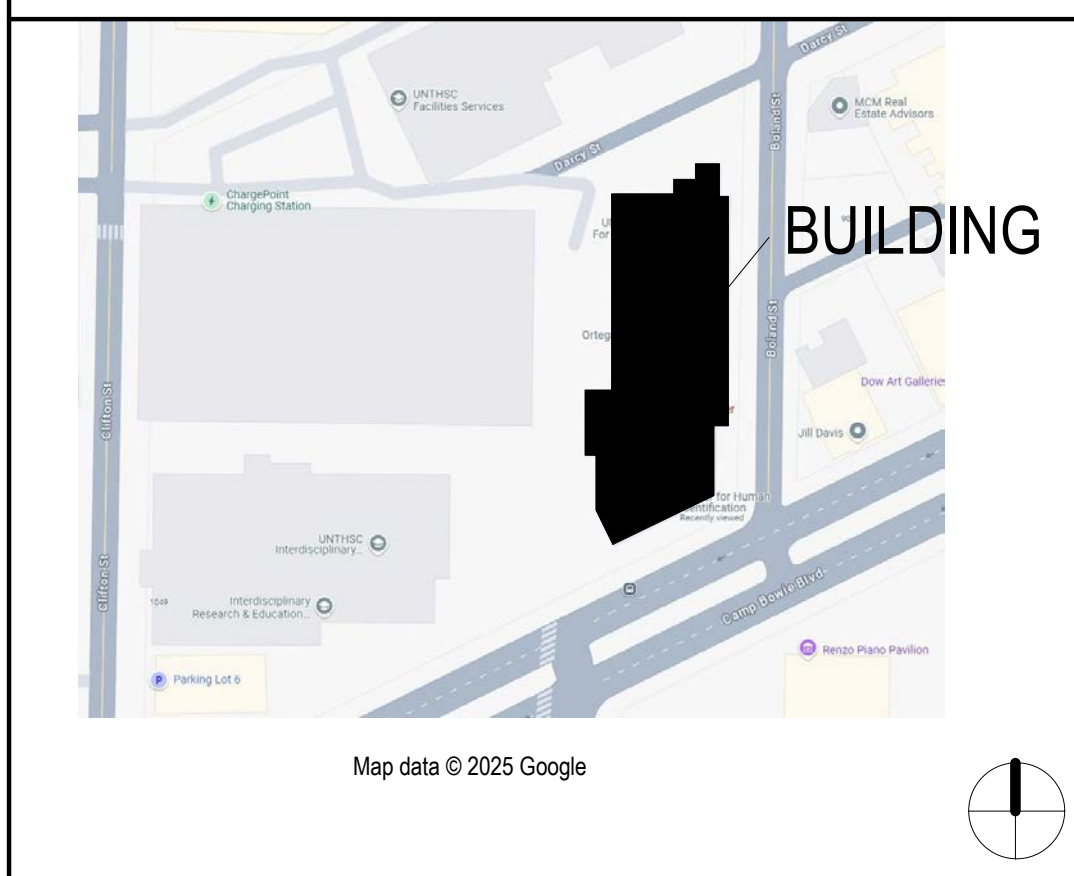
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VICINITY MAP

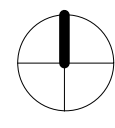


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SITE MAP



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Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

INDEX OF DRAWINGS

SHEET NUMBER

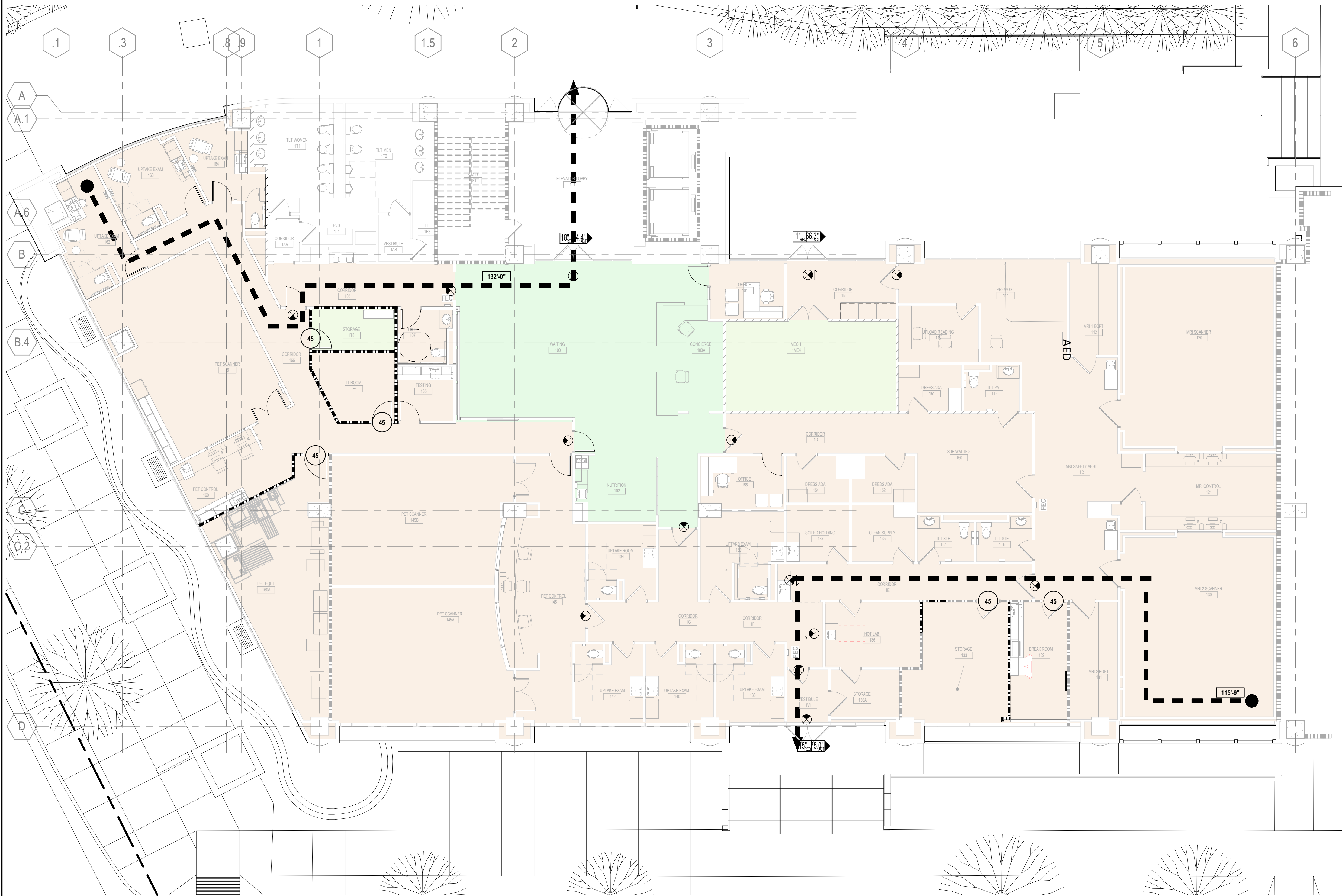
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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

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01 CODE COMPLIANCE PLAN - LEVEL 01
1/8" = 1'-0"



CUMULATIVE OCCUPANT LOAD
CALCULATION FOR LEVEL 01

FUNCTION OF SPACE	AREA (SF)	OCC LOAD FACTOR	OCC LOAD	DOOR FACTOR	DOOR WIDTH REQ	DOOR PROVIDED
ASSEMBLY - UNCONC. TABLES & CHAIRS	1,325	15.00 SF	89	0.2	18"	64"
BUSINESS	10,896	150.00 SF	73	0.2	15"	75"
MECH/EQUIP /STOR.	464	300.00 SF	3	0.2	1"	63"
Grand Total	12,686		165		33"	202"

PLUMBING FIXTURE
BUILDING CALCULATIONS

Area Schedule (CC - Plumbing Calc)						
Occupancy Type	Lavatories Female	Lavatories Male	WC Female	WC Male	Drinking Fountains	Service Sinks
MECH/EQUIP/STOR.	0.1	0.1	0.1	0.1	0.01	1
ASSEMBLY - UNCONC. TABLES & CHAIRS	0.2	0.2	0.4	0.7	0.36	1
BUSINESS	1	1	1.6	1.6	1.44	1
MECH/EQUIP/STOR.	0.1	0.1	0.1	0.1	0.01	1

2021 IBC FUNCTION OF SPACE
LEGEND

ASSEMBLY - UNCONC. TABLES & CHAIRS
BUSINESS
MECH/EQUIP/STOR.

CODE COMPLIANCE PLAN
GENERAL NOTES

- REFER TO 15/002-02 FOR FIRE EXTINGUISHER CABINET DETAILS.
- PIPES LOCATED IN VERTICAL PIPE CHASES (PIPES NOT IN VERTICAL SHAFTS) SHALL BE FIRE STOPPED AT EACH FLOOR WITH PENETRATION FIRESTOP SYSTEM OF RATING COMMENSURATE WITH THE FLOOR ASSEMBLY RATING.
- REFER TO HVAC DRAWINGS FOR SMOKE, FIRE, AND SMOKE/ FIRE DAMPER LOCATIONS.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATION AND QUANTITY OF SMOKE DETECTORS.
- INDICATED EXIT SIGN LOCATIONS AND QUANTITIES ARE APPROXIMATE, AND MORE PRECISE LOCATIONS AND ADDITIONAL QUANTITIES MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. CONFIRM LOCATIONS AND QUANTITIES WITH AHJ PRIOR TO INSTALLATION. PROVIDE ADDITIONAL EXIT SIGNS AS THE AHJ MAY REQUIRE.
- EXIT SYMBOL ONLY IDENTIFIES REQUIRED EXITS. EXIT SIGN LOCATIONS ARE TO BE COORDINATED WITH INTERIOR DESIGN, RCP, AND ELECTRICAL ENGINEER.

RENOVATION PROJECTS

- THESE DRAWINGS WERE DEVELOPED FROM EXISTING DRAWINGS FURNISHED BY THE OWNER.
- LOCATIONS OF EXISTING SMOKE COMPARTMENTS SHOWN OUTSIDE OF THE PROJECT SCOPE OF WORK WERE FURNISHED BY THE OWNER AND ARE FOR REFERENCE ONLY.
- VERIFY EXISTING DOORS AND PARTITIONS IN WORK AREA ARE FIRE AND / OR SMOKE-RATED AS INDICATED ON THE LIFE SAFETY PLANS. REVISE ABOVE CEILING MARKS AND RE-STENCIL AS NECESSARY.
- EXISTING WALLS AND OPENINGS SHOWN WITH NEW FIRE-RESISTANCE RATINGS SHALL BE UPGRADED TO THE NEW RATING, INCLUDING PROTECTING ALL OPENINGS AND PROPERLY SEALING ALL PENETRATIONS IN THE PARTITION.

CODE COMPLIANCE PLAN
LEGEND

NON FIRE-RATED PARTITION
EXISTING NON FIRE-RATED PARTITION
1-HOUR FIRE BARRIER
EXISTING 1-HOUR FIRE BARRIER
2-HOUR FIRE BARRIER
EXISTING 2-HOUR FIRE BARRIER
EXISTING SMOKE PARTITION

EXIT OR EXIT ACCESS
FIRE EXTINGUISHER SURFACE MOUNT (SCREENED IF EXISTING)
FIRE EXTINGUISHER & CABINET SEMI-RECESSED (SCREENED IF EXISTING)
CLEAR EXIT WIDTH (DOORS OR STAIRS) REQ = REQUIRED ACT = ACTUAL
FIRE RATING OF DOOR IN MINUTES
EXISTING TO REMAIN, REFERENCE ENTIRE DOCUMENT FOR ADDITIONAL WORK IN THIS AREA
SHAFT OPENINGS
MHO MAGNETIC HOLD OPEN
AO AUTOMATIC DOOR OPERATOR
CR CARD READER
999'-11" EXIT ACCESS TRAVEL DISTANCE
999'-11" COMMON PATH TRAVEL
999'-11" DEAD END

EXIT NUMBER AND
ARRANGEMENT FOR LEVEL 01

	PROPOSED	ALLOWED
MAXIMUM TRAVEL DISTANCE TO AN EXIT:	142'-00"	200'-00"
MAXIMUM DEAD END LENGTH:	19'-10"	20'-00"
MAXIMUM COMMON PATH OF TRAVEL:	XXX'-XX"	100'-00"
MINIMUM NUMBER OF EXITS:	3	2 REQUIRED

CODE COMPLIANCE PLAN
NOTES BY NUMBER

Hexagon symbol	<<< Indicates Sheet Keynote on Plan
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KEYPLAN

ISSUE CHART

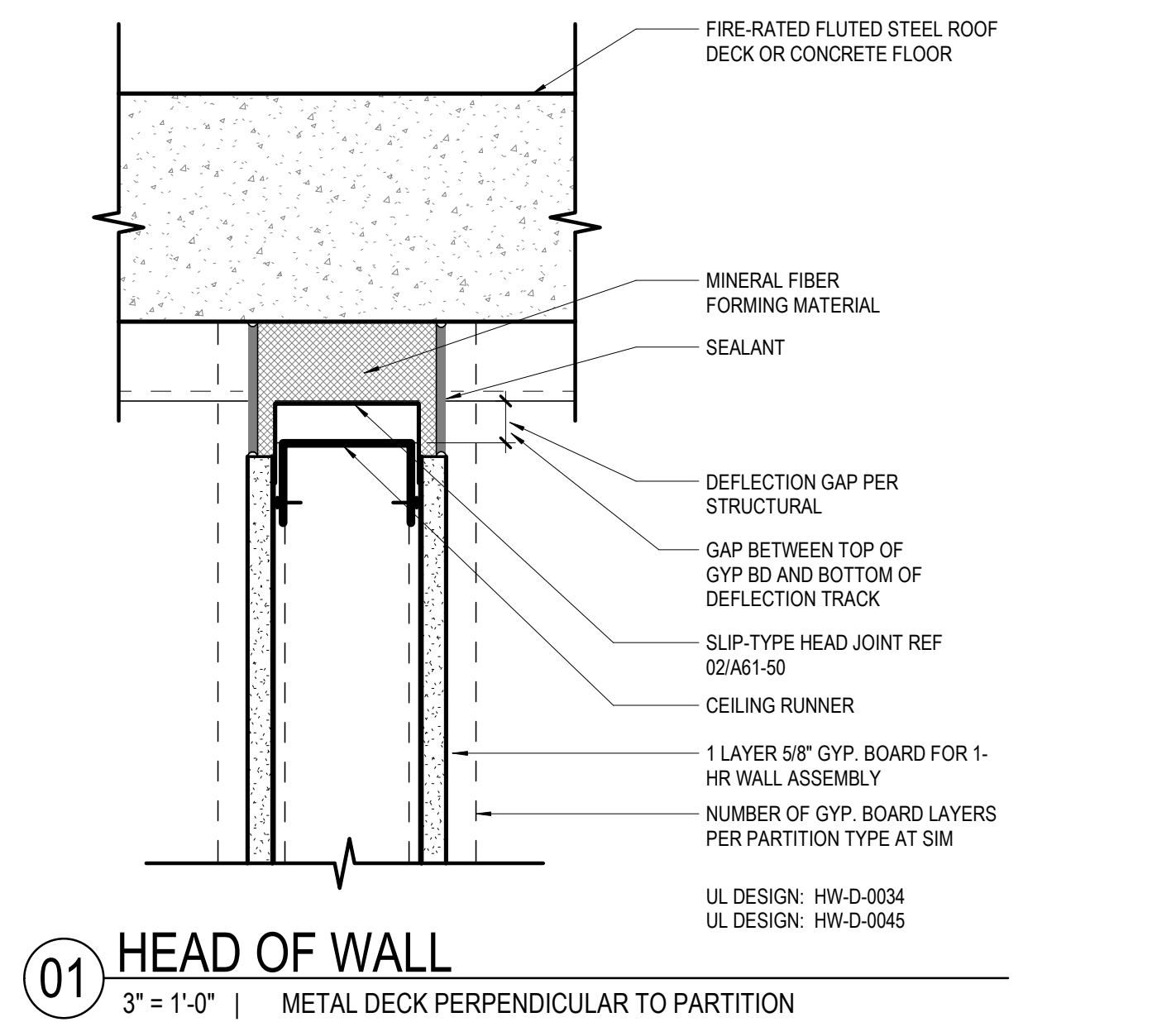
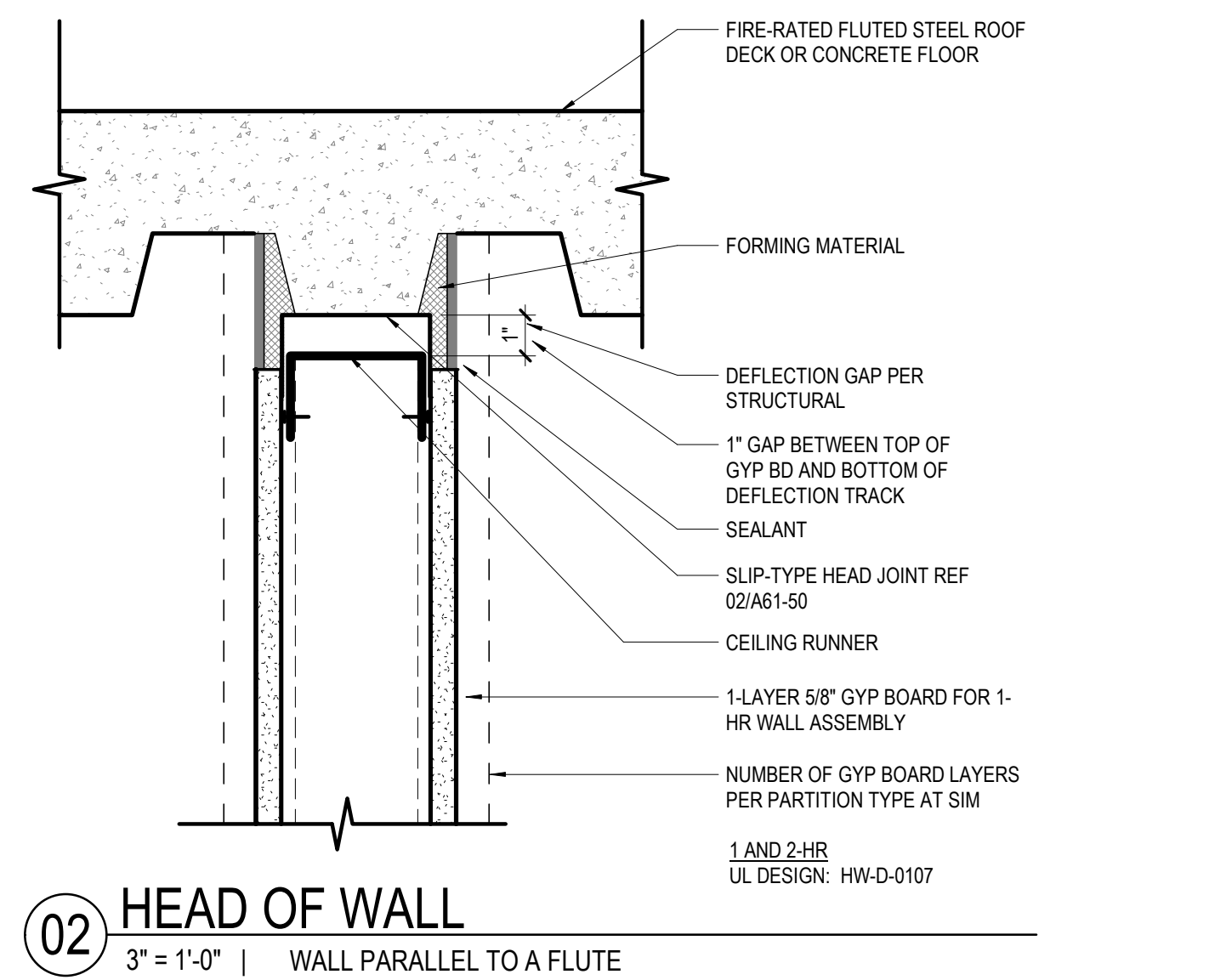
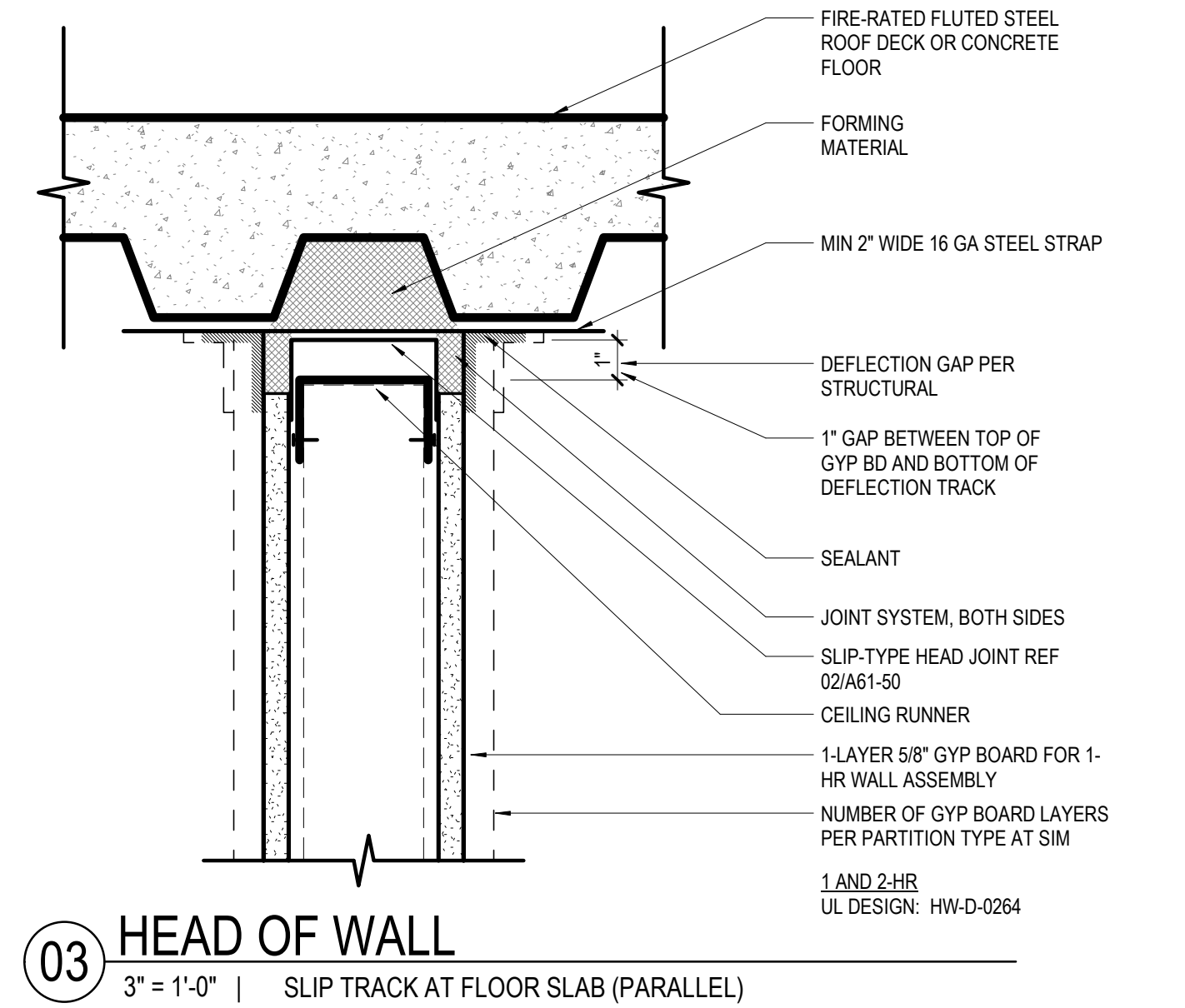
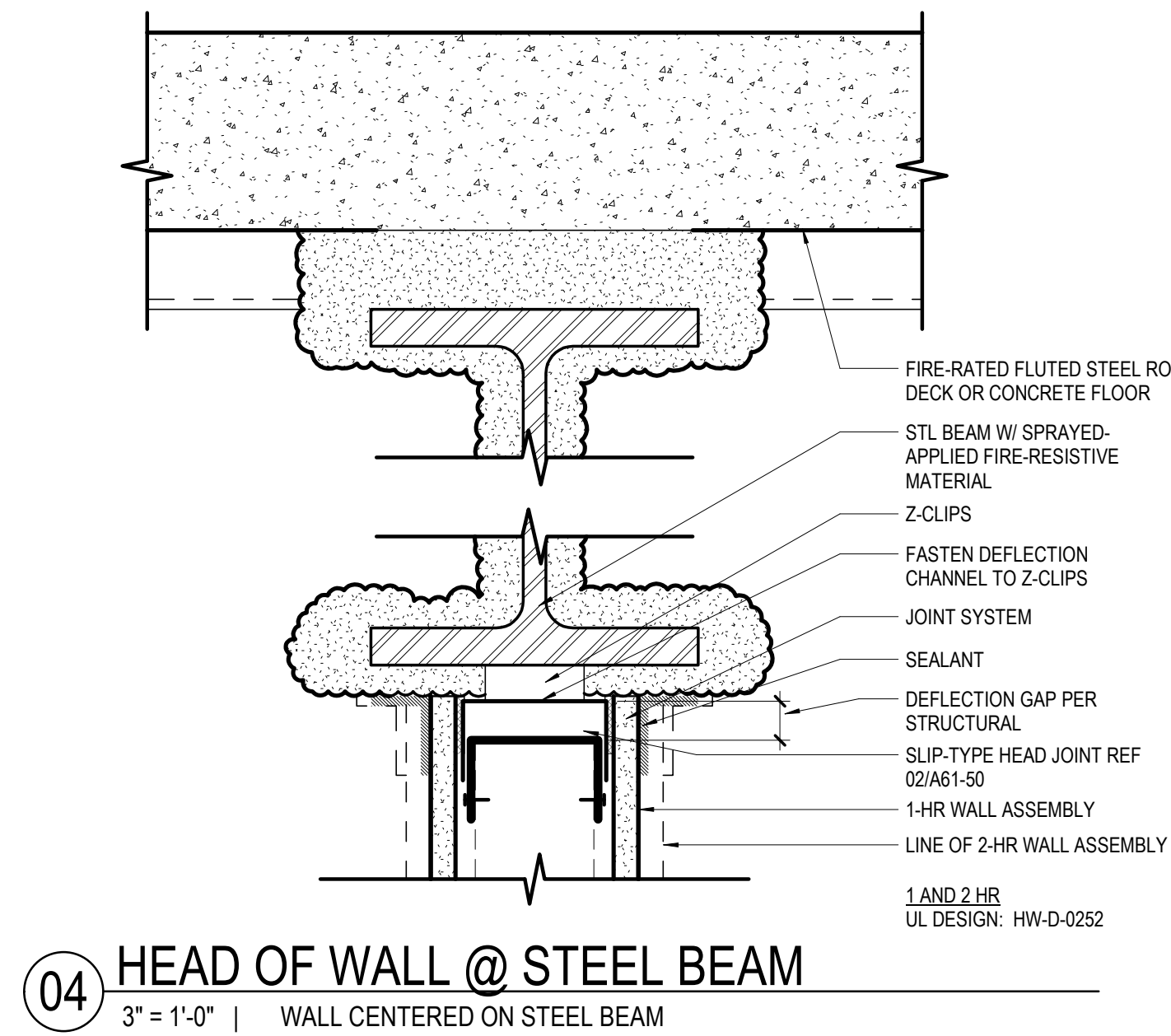
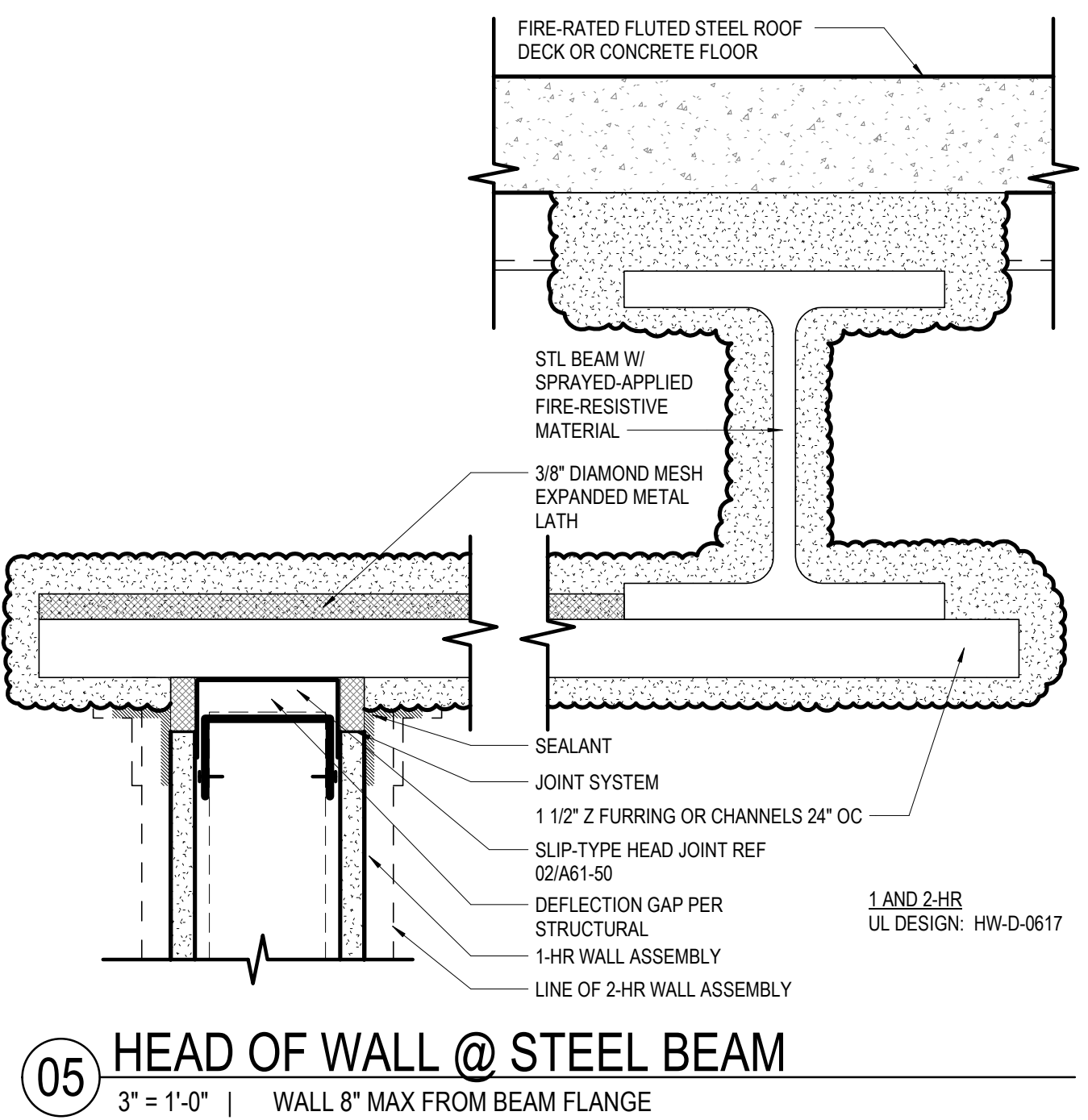
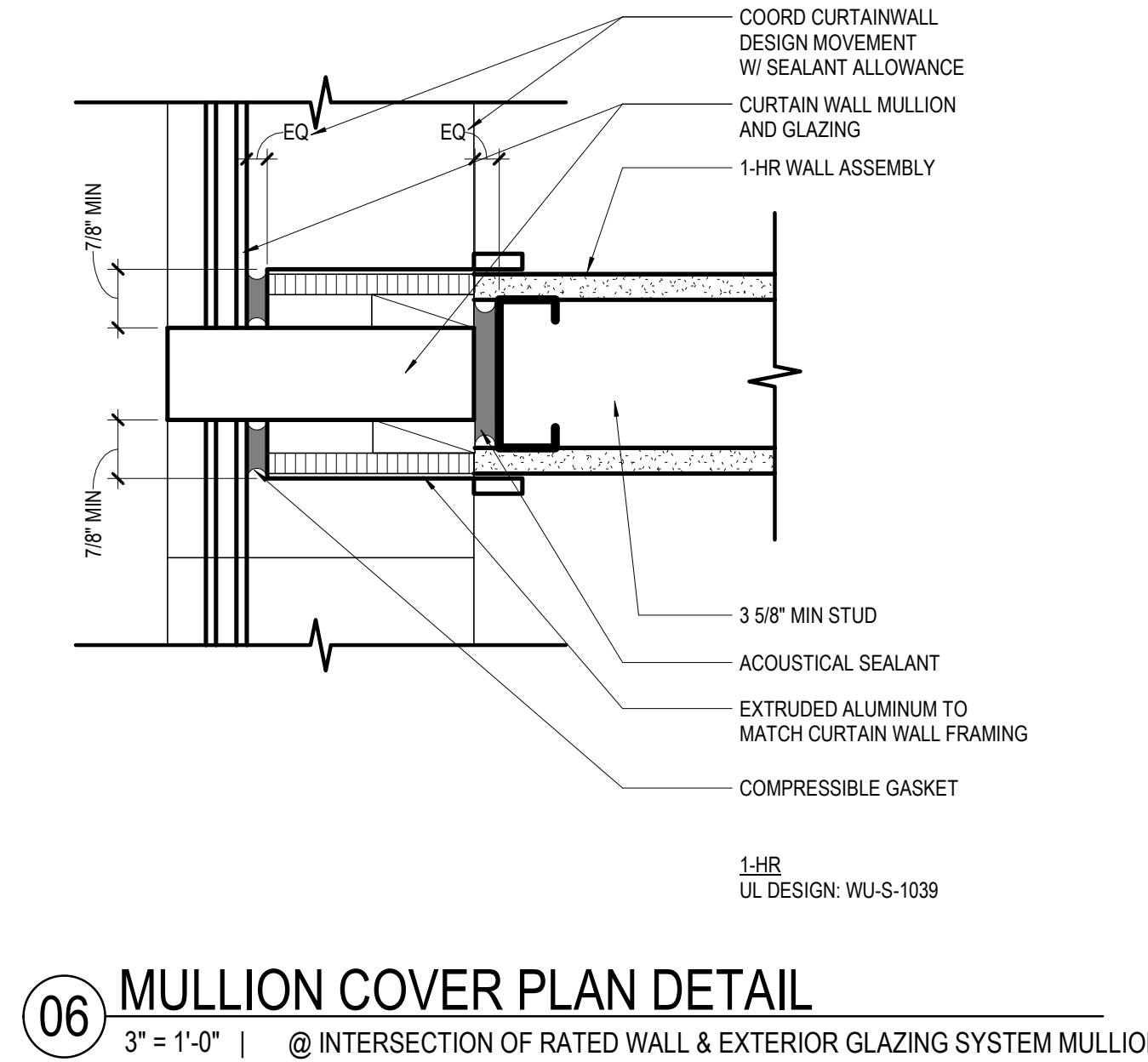
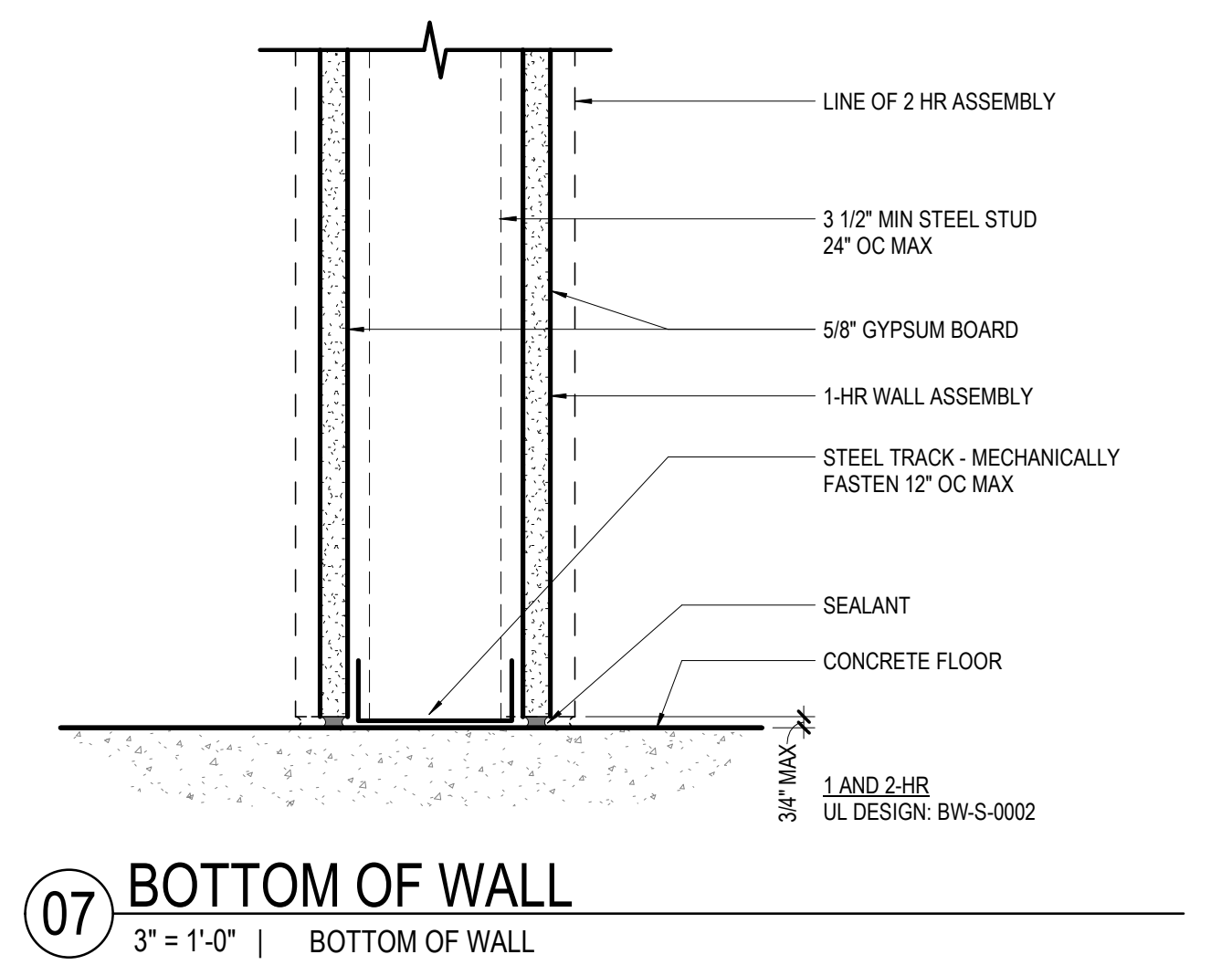
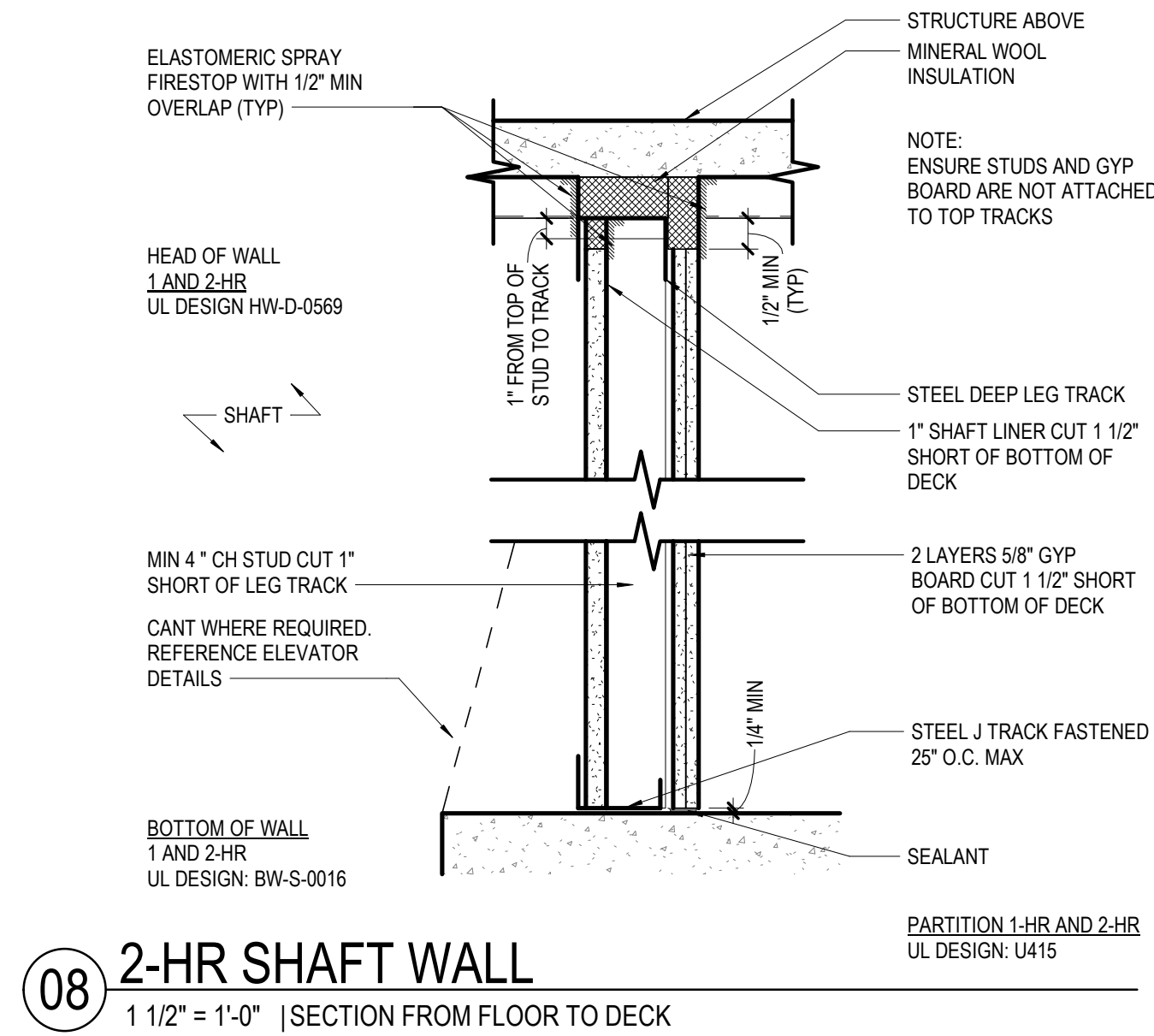
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Job Number		144090.00
		TITLE

CODE COMPLIANCE
PLAN - LEVEL 01

SHEET NUMBER

G01-01

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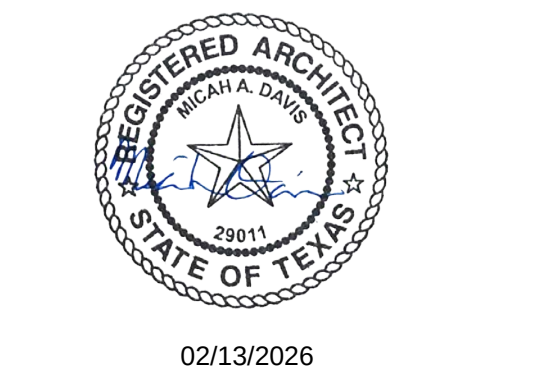
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KEYPLAN

ISSUE CHART

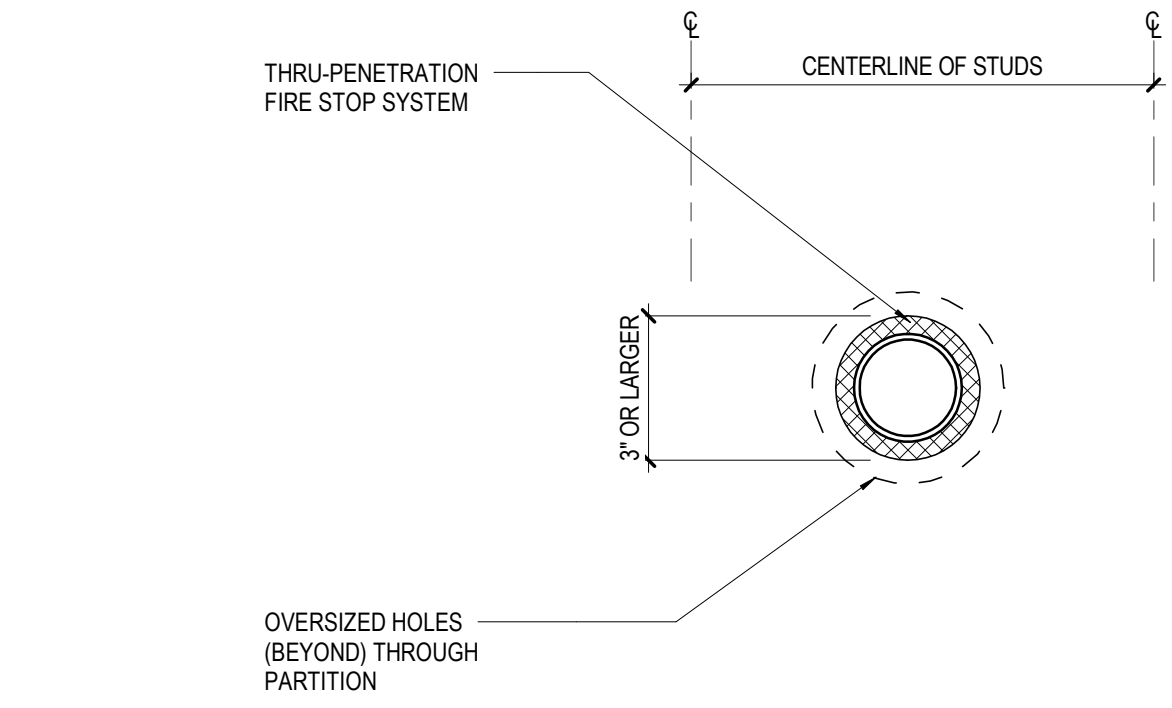
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Job Number		144090.00
	TITLE	

FIRE RESISTANCE
DETAILS

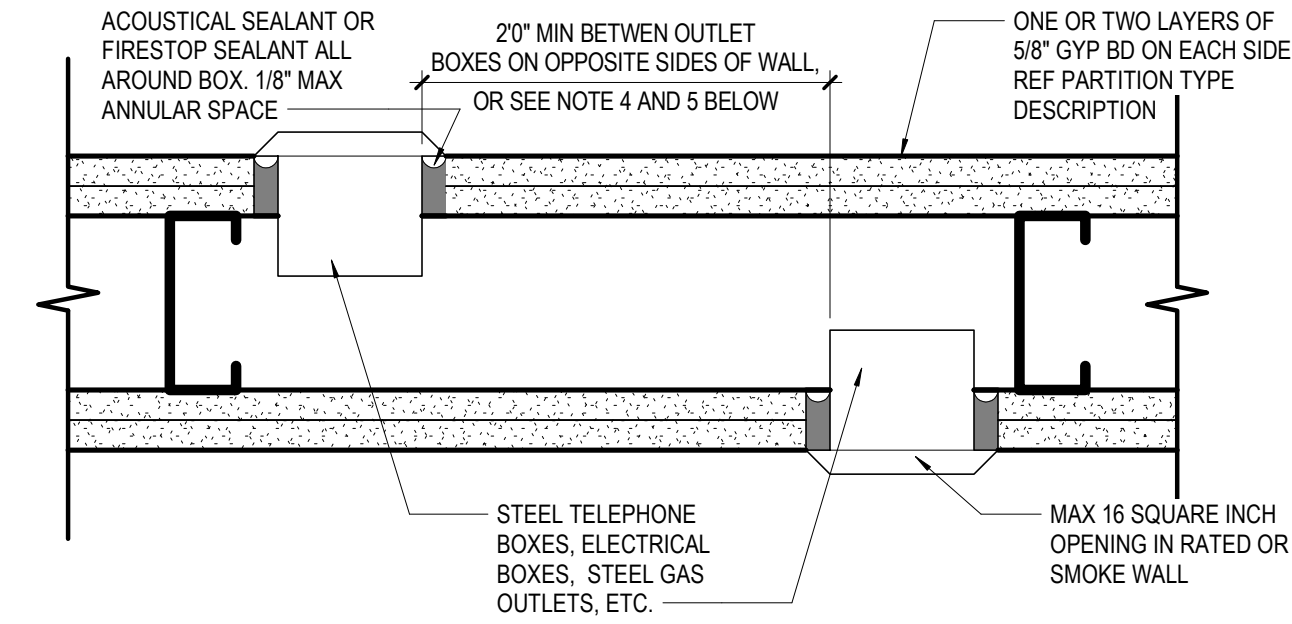
SHEET NUMBER

G02-01

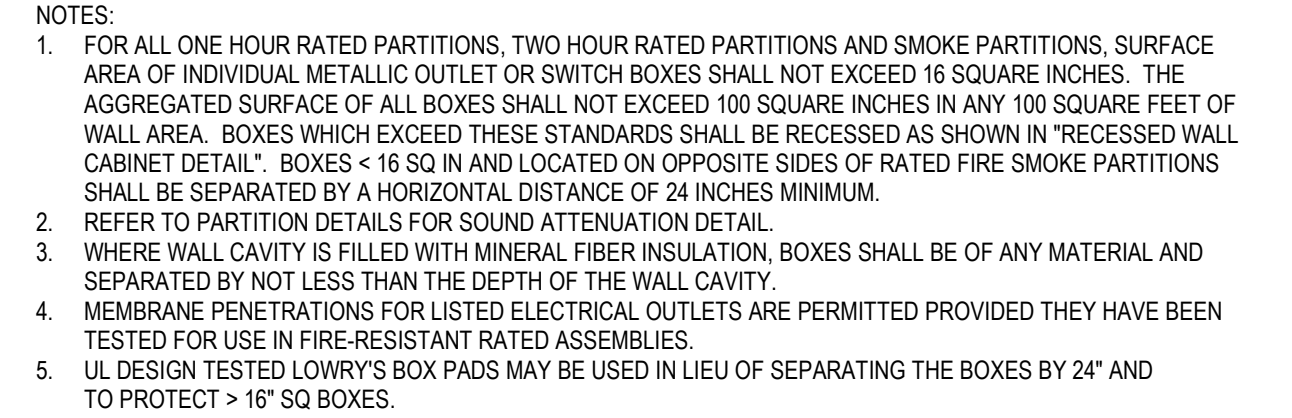
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08 PENETRATION DETAIL
1 1/2" = 1'-0" | PENETRATIONS IN RATED PARTITION



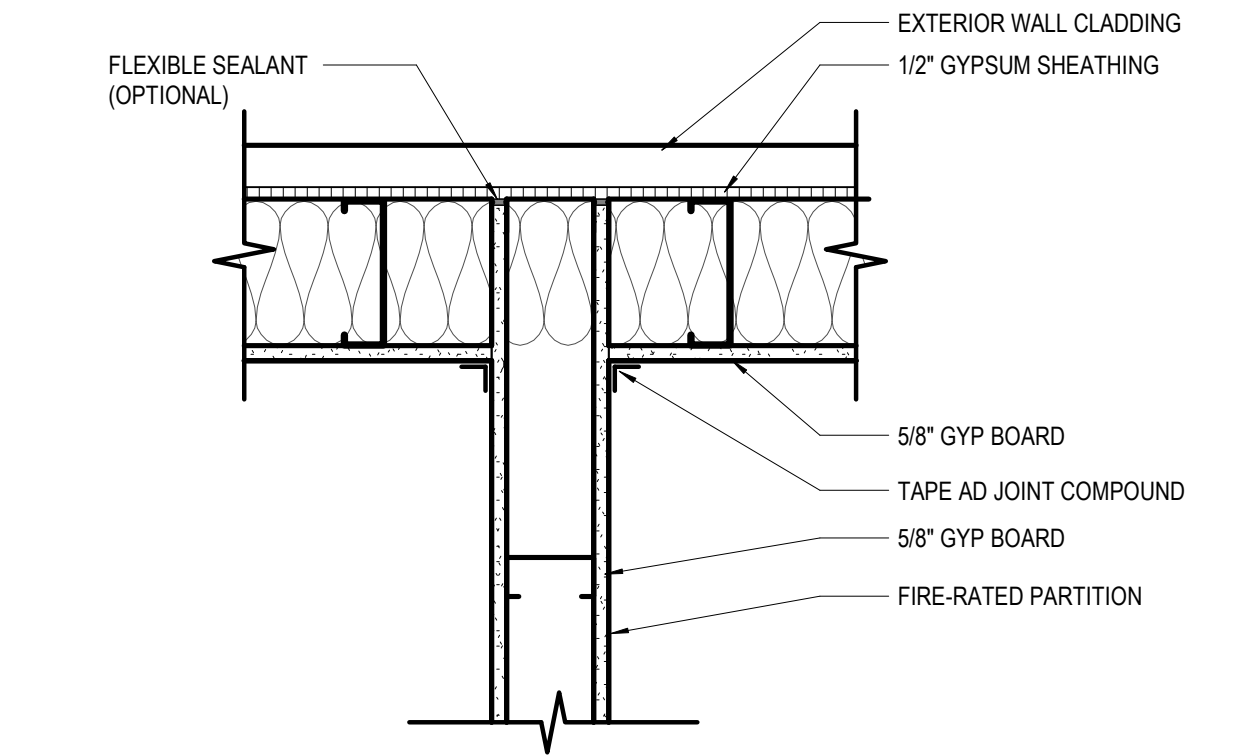
04 PARTITION PRIORITY @ CORRIDOR WALL
3" = 1'-0" | PLAN DETAIL AT CROSS CORRIDOR WALL



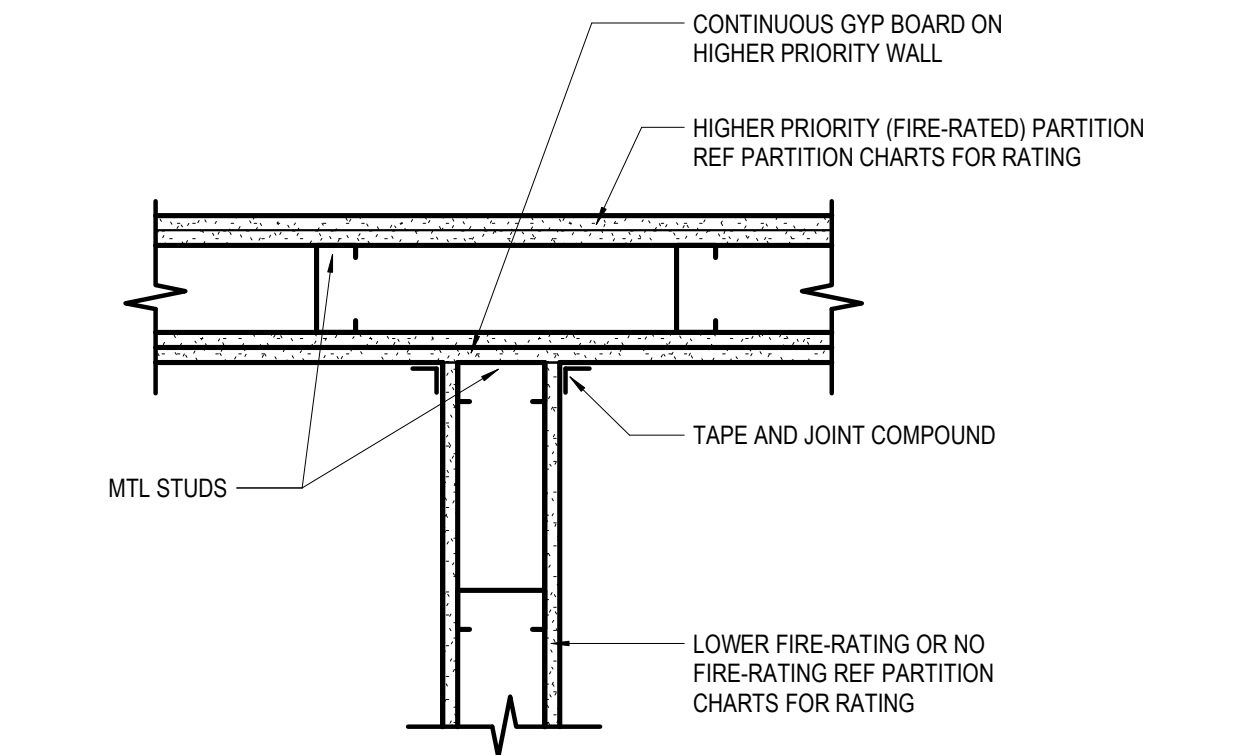
NOTES:

1. FOR ALL ONE HOUR RATED PARTITIONS, TWO HOUR RATED PARTITIONS AND SMOKE PARTITIONS, SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQUARE INCHES. THE AGGREGATED SURFACE OF ALL BOXES SHALL NOT EXCEED 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL AREA. BOXES WHICH EXCEED THESE STANDARDS SHALL BE RECESSED AS SHOWN IN "RECESSED WALL CABINET DETAIL". BOXES < 16 SQ IN AND LOCATED ON OPPOSITE SIDES OF RATED FIRE SMOKE PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES MINIMUM.
2. REFER TO PARTITION DETAILS FOR SOUND ATTENUATION DETAIL.
3. WHERE WALL CAVITY IS FILLED WITH MINERAL FIBER INSULATION, BOXES SHALL BE OF ANY MATERIAL AND SEPARATED BY NOT LESS THAN THE DEPTH OF THE WALL CAVITY.
4. MEMBRANE PENETRATIONS FOR LISTED ELECTRICAL OUTLETS ARE PERMITTED PROVIDED THEY HAVE BEEN TESTED FOR USE IN FIRE-RESISTANT RATED ASSEMBLIES.
5. UL DESIGN TESTED LOWRY'S BOX PADS MAY BE USED IN LIEU OF SEPARATING THE BOXES BY 24" AND TO PROTECT > 16" SQ BOXES.

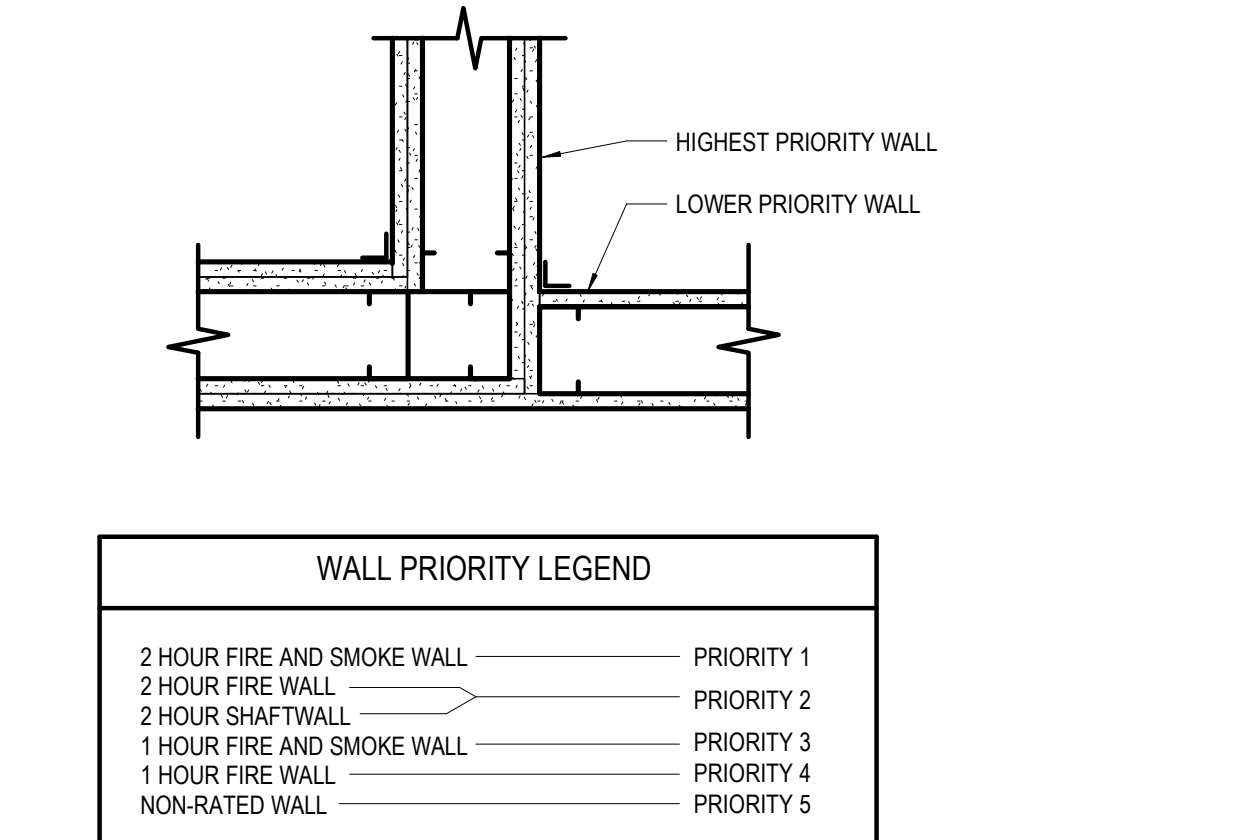
NON-LISTED UTILITY BOXES IN RATED PARTITIONS
3" = 1'-0" | BACK TO BACK OUTLETS



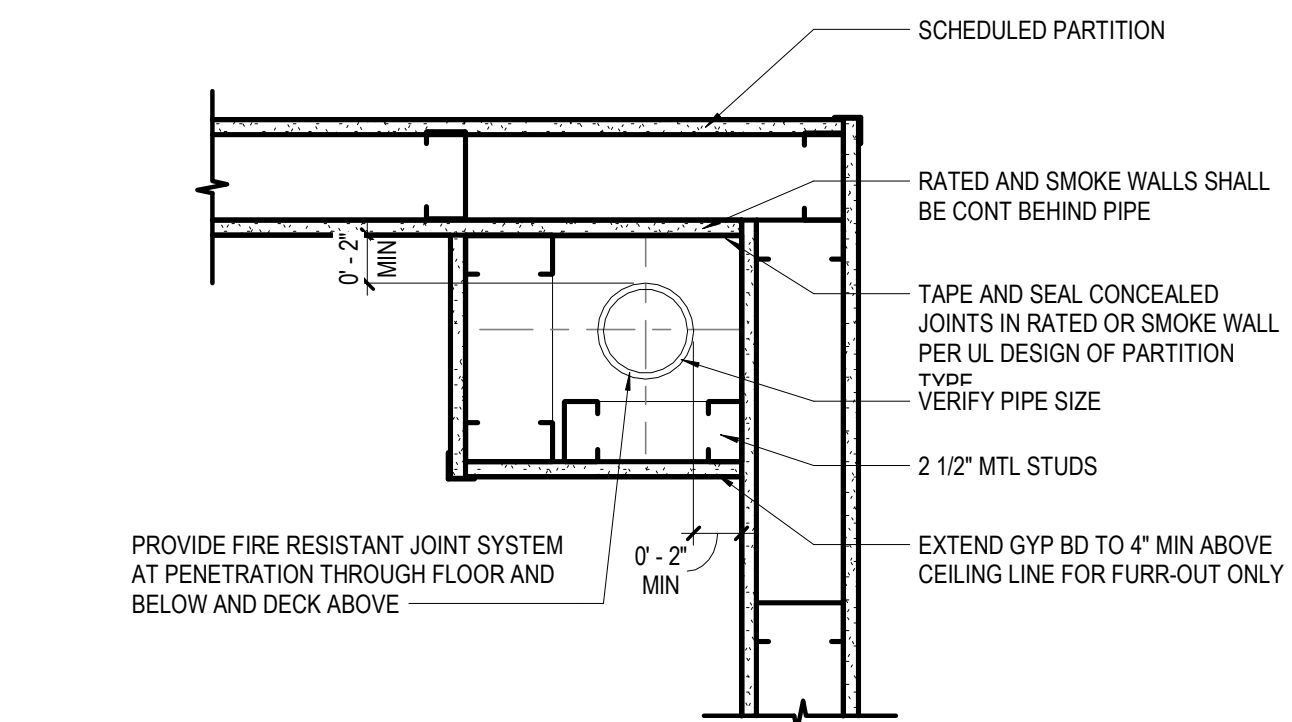
03 PARTITION PRIORITY @ EXTERIOR WALL
1 1/2" = 1'-0" | PLAN DETAIL INTERSECTION OF FIRE-RATED PARTITION AND NON-FRATED EXTERIOR WALL



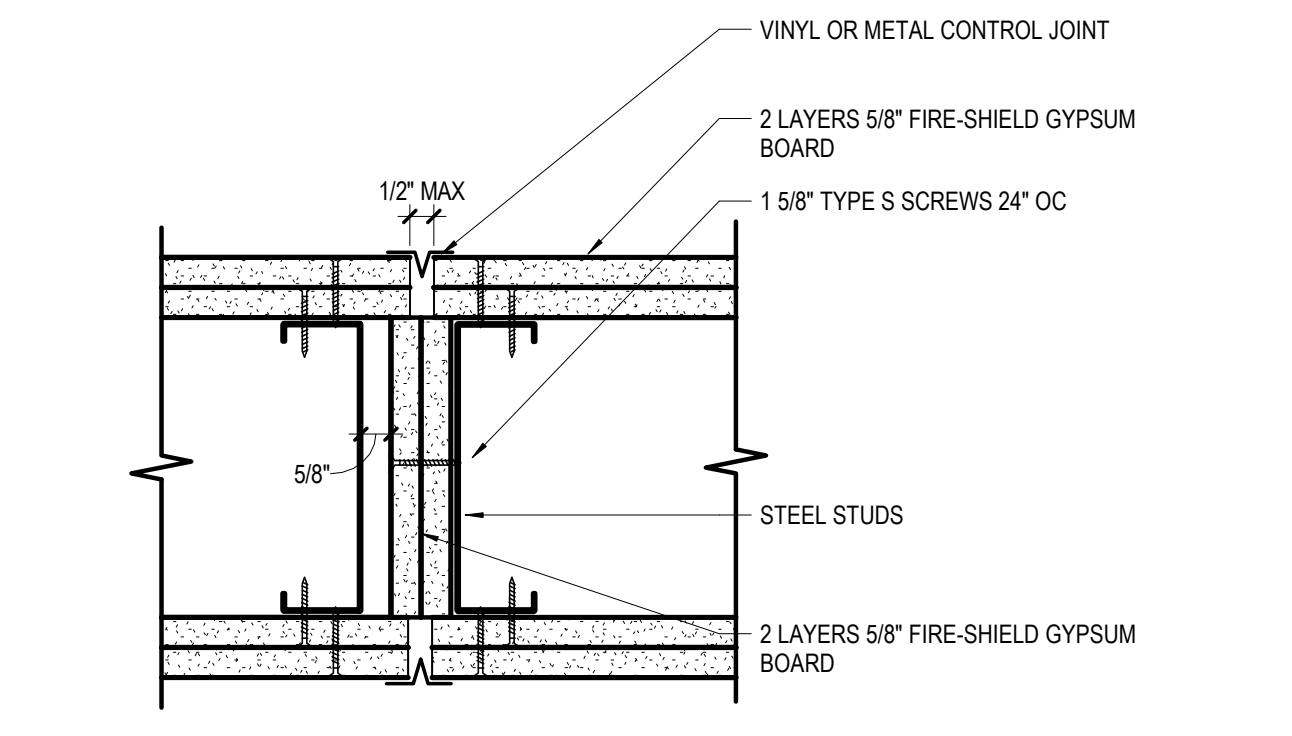
02 INTERSECTION OF RATED WALLS SHOWING PARTITION PRIORITY
1 1/2" = 1'-0" | PLAN DETAIL



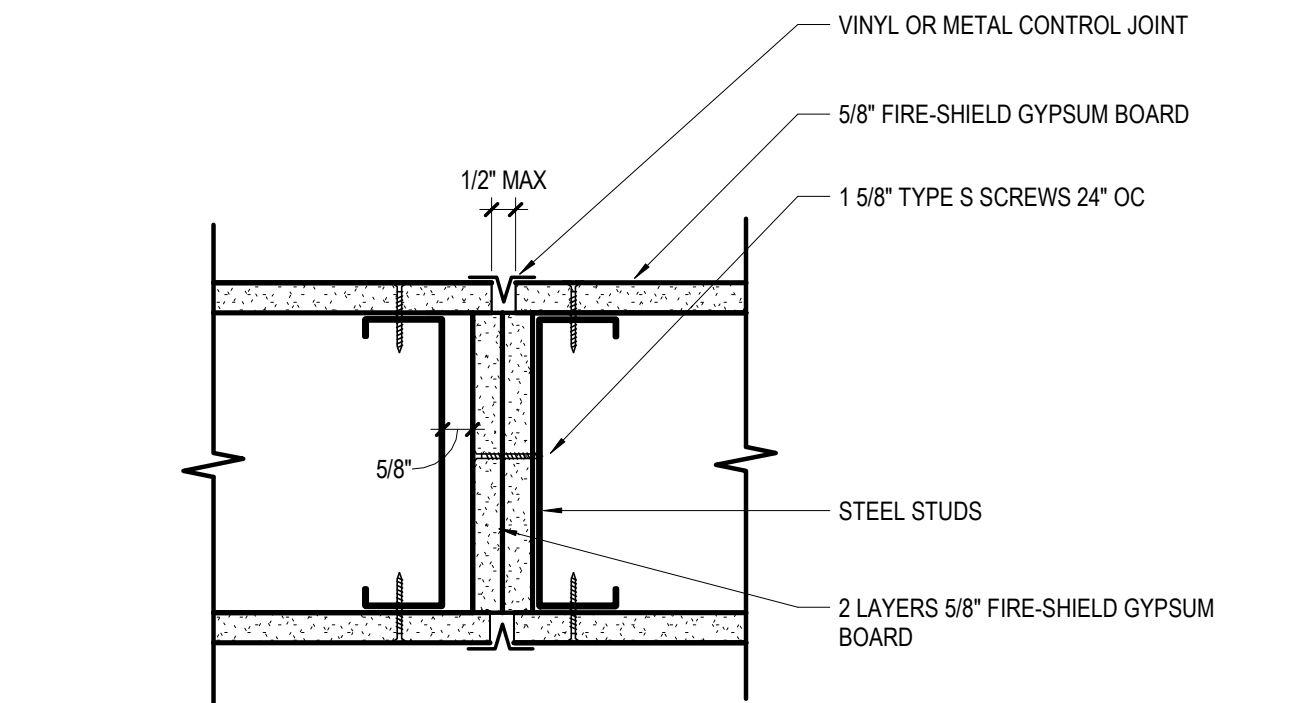
01 PARTITION PRIORITY DIAGRAM
1 1/2" = 1'-0" | PLAN DETAIL



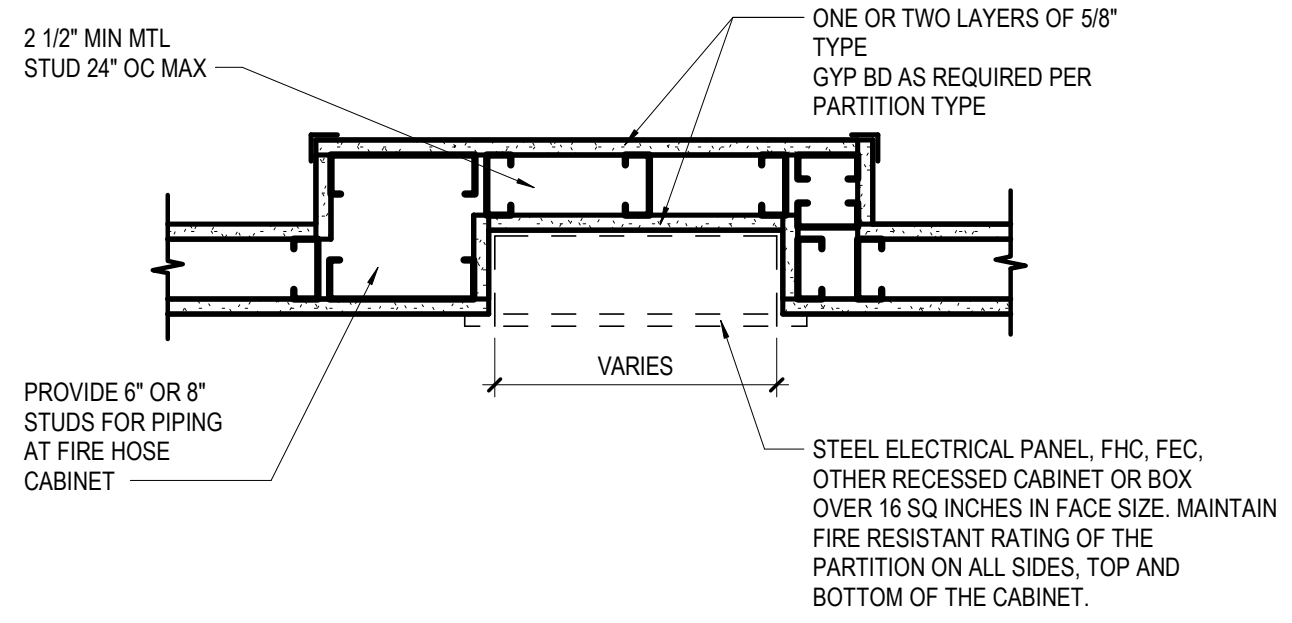
06 PARTITION PRIORITY AT PIPE ENCLOSURE
1 1/2" = 1'-0" | PLAN DETAIL, FURR OUT @ RAIN WATER LEADER



05 CONTROL JOINT FIRE RATED 2 HR
3" = 1'-0"



10 CONTROL JOINT FIRE RATED 1 HR
3" = 1'-0"



NOTES:

1. MAINTAINING FIRE RATING AROUND CABINET IS NOT NECESSARY IF IT HAS BEEN TESTED AS A FIRE-RESISTANT RATED ASSEMBLY.

09 RECESSED WALL CABINET
1 1/2" = 1'-0" | RECESSED CABINETS IN RATED WALL

ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

ABBREVIATIONS LEGEND

NOTE 1: ABBREVIATIONS WHEN USED IN COMPOSITION MAY INCLUDE PERIODS FOR CLARIFICATION

NOTE 2: ABBREVIATIONS MAY BE DIFFERENT WHEN PART OF A LEGEND

AC	AIR CONDITIONING(ED)	GA	GAGE	S	SOUTH
ACC	ACCESSIBLE	GA/V	GALVANIZED	SAN	SANITARY
ACST	ACC (ACOUSTICAL)	GEN	GENERAL	SC	SOLID CORE
AD	AREA DRAIN	GFR	GLASS FIBER	SCHED	SCHEDULE
ADA	AMERICAN WITH DISABILITIES	GRCC	GRAVEL REINFORCED CONCRETE	SECT	SECTION
ADJ	ADJUSTABLE / ADJACENT	GFRG	GLASS FIBER	SF	SQUARE FOOT (FEET)
AESS	ARCHITECTURAL EXPONENT	GR	GRAVEL	SFRM	SPRAYED FIRE-RESISTIVE
AF	STRUCTURAL STEEL	GL	GLASS	ST	STANDARD
AFC	ABOVE FINISHED FLOOR	GL BLK	GLASS BLOCK	SGL	SINGLE
AFB	ABOVE FINISHED FLOOR	GLU/LAM	GLUED LAMINATED WOOD	SHR	SHOWER
AG	ABOVE FINISHED GRADE	GR/LN	GRADE LINE	SHT	SHEET
AGGR	AGGREGATE	GRFL	GROUND FLOOR	SIM	SIMILAR
AHU	AIR HANDLING UNIT	GSB	GLASS SHEATHING BOARD	SJ	SLIP JOINT, SCORED JOINT
ALT	ALTERNATE	GT	GREASE TRAP	STRUCT	STRUCTURE
ALU	ALUMINUM	GYP BD	GYPSON BOARD	SPKR	SPEAKER
ANOD	ANODIZED (PANEL CEILING)	GYP PLAS	GYPSON PLASTER	SQ	SQUARE
AP	APPROXIMATE	H	HIGH	ST	STAINLESS STEEL
APPROX	APPROXIMATE	H	HIGH	STA	STATION
ARCH	ARCHITECT(URAL), ARCHITECT	HOB	HOBBS	STC	SOUND TRANSMISSION CLASS
ASPH	ASPHALT	HC	HOLLOW CORE	STD	STANDARD
AUTO	ACOUSTICAL TILE CEILING	HDW	HARDWARE	STL	STEEL
AUTC	AUTOMATIC	HOW	HOLLOW WOOD	STOR	STORAGE
AWT	ACOUSTICAL WALL TREATMENT	HW	HORIZONTAL	STRUCT	STRUCTURAL
B	BACK	HORIZ	HORIZONTAL	SUP	SUPPLIED
B/C	BACK TO BACK	HPT	HIGH POINT	SV	SHEET VINYL
BK	BACK OF CURB	HSPK	HOUSEKEEPING	SYM	SYMMETRY
BD	BOARD	HT	HEIGHT	T	TREAD
BTUM	BITUMINOUS	HYAC	HEATING, VENTILATION, AIR CONDITIONING	TA	TILE ACCESSORY
BUILD	BUILDING	HW	HOT WATER	TAB	TOP & BOTTOM
BM	BEAM BENCHMARK	IC	INSIDE DIAMETER	T&G	TONGUE & GROOVE
BOTI	BOTTOM OF	INCAND	INCANDESCENT	TEMP	TEMPORARY
BMT	BUILT-UP ROOFING	INSUL	INSULATION	TERRAZO	TERRAZZO
BUR	BUILT-UP ROOFING	INT	INTERIOR	THK	THICK
CAB	CABINET	INV	INVERT	TI	TENANT IMPROVEMENT
CB	CATCH BASIN	JAN CLO	JANITOR'S CLOSET	TLT	TILT
CCTV	CLOSED CIRCUIT TELEVISION	KIT	KITCHEN	TOC	TOP OF CONCRETE
CFICI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	L	LONG	TOF	TOP OF FOOTING
CFM	CUBIC FEET PER MINUTE	L	LONG LENGTH	TOP	TOP OF PARAPET
CFM	COLD-FORMED METAL	LAM	LAMINATED(ED)	TOS	TOP OF SLAB
CG	CORNER GAGE	LAU	LAUNDRY	TS	TUBE STEEL
CI	CAST IRON, CURBS INLET	LAV	LAUNDRY	TOPO	TOPOGRAPHY, TOPOGRAPHIC
CJ	CENTER JOINT	LAU	LAUNDRY	TRTD	TREATED
CL	CENTER LINE	LF	LINEAR FOOT, (FEET)	TV	TELEVISION
CLG	Ceiling	LH	LEFT HAND	TYP	TYPICAL
CLO	CLOSET	LIB	LIBRARY		
CLR	CLEAR	LKR	LOOKER		
CM	CENTIMETER	LL	LL LIVE LOAD	U	HEAT TRANSFER
CMU	CONCRETE MASONRY UNIT	LONG	LONGITUDINAL		
CN	CLEANOUT	LOC	LOCATION	UH	UNIT HEATER
COL	COLOR	LPT	LOW POINT	UL	UNDERWRITERS
CONC	CONCRETE	LT	LIGHT	UNEX	UNEXCAVATED
CONF	CONFERENCE	LVR	LOUVER	UNFIN	UNFINISHED
COORD	COORDINATE	M	METER	UNO	UNLESS NOTED OTHERWISE
CORR	CORRIDOR	MACH	MACHINE	UCI	UNLESS OTHERWISE
CORR	CORRIDOR	MAINT	MAINTENANCE		
CP	CARPET	MATL	MATERIAL	UTIL	UTILITY
CPT	CARPET TILES	MAX	MAXIMUM		
CTR	CERAMIC TILE	MECH	MECHANICAL	VB	VINYL BASE
CT	COUNTER/CONTOUR	MEJ	MASONRY EXPANSION JOINT	VCT	VINYL COMPOSITION TILE
CU	CUP	MEMB	MEMBRANE	VENT	VENTILATION
CW	COLD WATER PIPING/	MEP	MECHANICAL, ELECTRICAL, PLUMBING & FIRE	VERT	VERTICAL
	CHEMICAL WASTELINE		PROTECTION	VEST	VESTIBULE
				VFR	VERIFY IN FIELD
				VNR	VENEER
D	DEEP, DEPTH, PENNY (NAIL)	MEZZ	MEZZANINE	VOL	VOLUME
DBL	DOUBLE	MFR	MANUFACTURER	VWC	VINYL WALL COVERING
DEG	DEGREE	MH	MANHOLE		
DEMO	DEMOLISH, DEMOLITION	MHO	MAGNETIC HOLD OPEN		
DEPT	DEPARTMENT	MIN	MINIMUM	W	WEST
DET	DETENTION/STANT	MISC	MISCELLANEOUS	W	WITH
DIA	DIAMETER (EXTERNAL)	MKB BD	MARKER BOARD	W/O	WITHOUT
DIAG	DIAAGONAL	MM	MILLIMETER	WC	WATER CLOSET
DIFF	DIFFUSER	MO	MASONRY OPENING	WD	WOOD
DIM	DIMENSION	MTL	METAL	WG	WALL GAGE
DISP	DISPENSER	N	NORTH	WH	WATER HEATER
DIV	DIVISION	NC	NOT IN CONTRACT	W/OUT	WITHOUT
DR	DRINK	NO	NUMBER	WT	WEIGHT
DR	DRINK DRAIN	NOM	NOMINAL	WWF	WELODED FIRE FABRIC
DWS	DOWNSPOUT	NTS	NOT TO SCALE	WWM	WELODED WIRE MESH
DWG	DRAWING				
		OIO	OUT OF TALE	X	BY
E	EAST	OC	ON CENTER		
EA	EACH	OD	OUTSIDE DIAMETER	YO	YARD
EBS	EXTERIOR INSULATION AND FINISH SYSTEM	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	YR	YEAR
EL	ELEVATION	OFOI	OWNER FURNISHED, OWNER INSTALLED	ZN	ZINC
BLAST	BLASTOMETER	OFF	OFFICE		
ELEC	ELECTRICAL(	OH	OPPOSITE HAND		
ELEV	ELEVATOR	OPH	OPPOSITE HAND		
EMER	EMERGENCY	OPNG	OPENING		
EMER SHR	EMERGENCY SHOWER	OPPE	OPPOSITE		
ENGR	ENGINEER	ORD	OVERFLOW ROOF DRAIN		
ENTR	ENTRANCE	PA	PUBLIC ADDRESS		
EO	ELECTRIC OUTLET	PAR	PARAPET, PARALLEL		
EOS	EDGE OF SLAB	PAR	PRE-CAST CONCRETE		
EP	ELECTRICAL PANEL	PERF	PERFORATED		
EQU	EQUIPMENT	PERP	PERPENDICULAR		
ES	EXPOSED STRUCTURE	PLAM	PLASTIC LAMINATE		
ETC	ET CETERA	PLAS	PLASTER		
EW	EACH WAY	PLBG	PLUMBING		
FWC	ELECTRIC WATER COOLER	PLYWD	PLYWOOD		
EXH	EXHAUST	PNT	PAINT		
EXIST	EXISTING	POL	POLISHED		
EXP	EXPANSION	PAIR	PAIR		
EXT	EXTERIOR, EXTERNAL	PREFAB	PREFABRICATED(		
		PROJ	PROJECT		
FF	FACE TO FACE	PROP	PROPERTY		
FARS	FIRE FIGHTER AIR	PSF	POUNDS PER SQUARE FOOT		
	REFRESHMENT SYSTEM	PSI	POUNDS PER SQUARE INCH		
FO	FLOOR CLEANOUT	PT	POINT/ PRESSURE INSTALLED		
FD	FLOOR DRAIN	PT	PAPER TOWEL DISPENSER		
FDC	FIRE DEPARTMENT	PTN	PARTITION		
	CONNECTION	PVC	POLYVINYL CHLORIDE		
F	FIRE EXTINGUISHER	PVG	PAVING		
FE	FIRE EXTINGUISHER CABINET	QT	QUARRY TILE		
FF	FINISH FACE	QTY	QUANTITY		
FH	FIRE HYDRANT				
FHC	FIRE HOSE CABINET	R	THERMAL RESISTANCE,		
FIN	FINISHED		RADIUS, RISER		
F, FL	FINISHED FLOOR ELEVATION	RB	REBORN BASE		
FLR	FLOOR	RC	REINFORCED CONCRETE		
FLOOR	FLOORING	RC	REFLECTED CEILING PLAN		
FOM	FACE OF CURS	RCP/TN	RECEPTION		
FOF	FACE OF FINISH	RD	ROOF DRAIN		
FOC	FACE OF MASONRY	REC	RECESSED		
FOS	FACE OF SLAB/ FACE OF STUD	REF	REFERENCE, REFRIGERATOR		
	FIRE PROTECTION FIREPROOF	REINF	REINFORCE, REINFORCING		
FRTW	FIRE RETARDANT TREATED WOOD	REQ(D)	REQUIRED, REQUIRED		
		RESIL	RESILIENT		
FSAE	FIRE SERVICE ACCESS ELEVATOR	REV	REVISION		
FT	FOOT (FEET) FIRE TREATED	RF	RESILIENT FLOORING		
FTG	FOOTING	RH	RIGHT HAND		
FURN	FURNISH, FURNITURE	RM	ROOM		
FUT	FUTURE	RO	ROUGH OPENING		
FV	FIELD VERIFY	ROW	RIGHT OF WAY		
		RTF	RUBBER TILE FLOOR		
		RVL	REVEAL		

SYMBOLS

&

AND

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ANGLE

@

AT

ℓ

BY (LOWER CASE)

⊗

CENTER LINE

⊞

CHANNEL

°

DEGREE

∅

DIAMETER

∠

DOUBLE ANGLE

#

NUMBER, POUNDS

ℙ

PROPERTY LINE

±

PLUS OR MINUS

□

SQUARE FEET

0

ZERO

□

COLUMN, TUBE

÷

DIVIDED BY

≤

MAXIMUM

≥

MINIMUM

—

RANGE

MATERIALS AT LARGE SCALES

	UNDISTURBED SOIL
	COMPACTED FILL/SOIL
	GRAVEL, POROUS FILL
	SAND
	ASPHALT
	STRUCTURAL CONCRETE
	LIGHTWEIGHT CONCRETE
	TERRAZZO
	CUT STONE
	CAST STONE
	BRICK, COMMON FACE
	BRICK, GLAZED
	CONCRETE MASONRY UNIT
	STRUCTURAL CLAY TILE
	STEEL
	ALUMINUM/ORNAMENTAL METAL
	CONTINUOUS WOOD FRAMING
	BLOCKING OR SHIM
	FINISH WOODWORK
	PLYWOOD
	PARTICLE BOARD
	GYPSUM WALLBOARD
	WATERPROOFING/ DAMPROOFING/ AIR/ MOISTURE BARRIER
	RIGID INSULATION
	BATT INSULATION
	LEAD-LINED GYPSUM WALLBOARD
	GLASS
	GLASS BLOCK
	ACOUSTICAL CEILING BOARD
	WOOD FLOORING
	SPRAY-ON FIREPROOFING OR INSULATION
	EXTERIOR SHEATHING
	SOLID SURFACING
	EIFS
	PLASTER STUCCO W/ METAL LATH

SYMBOLS LEGEND

COLUMN GRID DESIGNATIONS

PROPOSED GRID

EXISTING GRID

NOTE TAGS

"NOTES BY NUMBER"

SPECIFICATION KEYNOTES

BUILDING SECTION TAG

WALL / DETAIL SECTION TAGS

ENLARGED PLAN TAG

EXTERIOR ELEVATION TAG

INTERIOR ELEVATION TAG

DOOR IDENTIFICATION TAG

EQUIPMENT DESIGNATION

SCHEDULED EQUIPMENT TAG

OWNER PROVIDED EQUIPMENT/ITEM

CONTRACTOR PROVIDED EQUIPMENT/ITEM

CONTRACTOR INSTALLED EQUIPMENT/ITEM

OWNER FURNISHED EQUIPMENT/ITEM

TOILET ACCESSORY TAG

NORTH ARROW

PROJECT NORTH ARROW

TRUE NORTH ARROW

WINDOW TYPE SYMBOL

PARTITION TAG

FLOOR DRAIN

ROOF DRAIN AND OVERFLOW DRAIN

GLAZING TAG

ARCHITECTURAL WOODWORK

CABINET TYPE
CABINET WIDTH
CABINET FINISH

REFER TO A50-01 FOR ARCHITECTURAL CABINETS AND COUNTERTOPS SECTIONS AND DETAILS

EXISTING PARTITION / ITEM TO REMAIN

NEW PARTITION / ITEM

EXISTING TO BE REMOVED

EXISTING TO REMAIN. REFERENCE ENTIRE DOCUMENTS FOR ADDITIONAL WORK IN THIS AREA

FIRE RATED SHAFT ENCLOSURE

SPOT ELEVATION

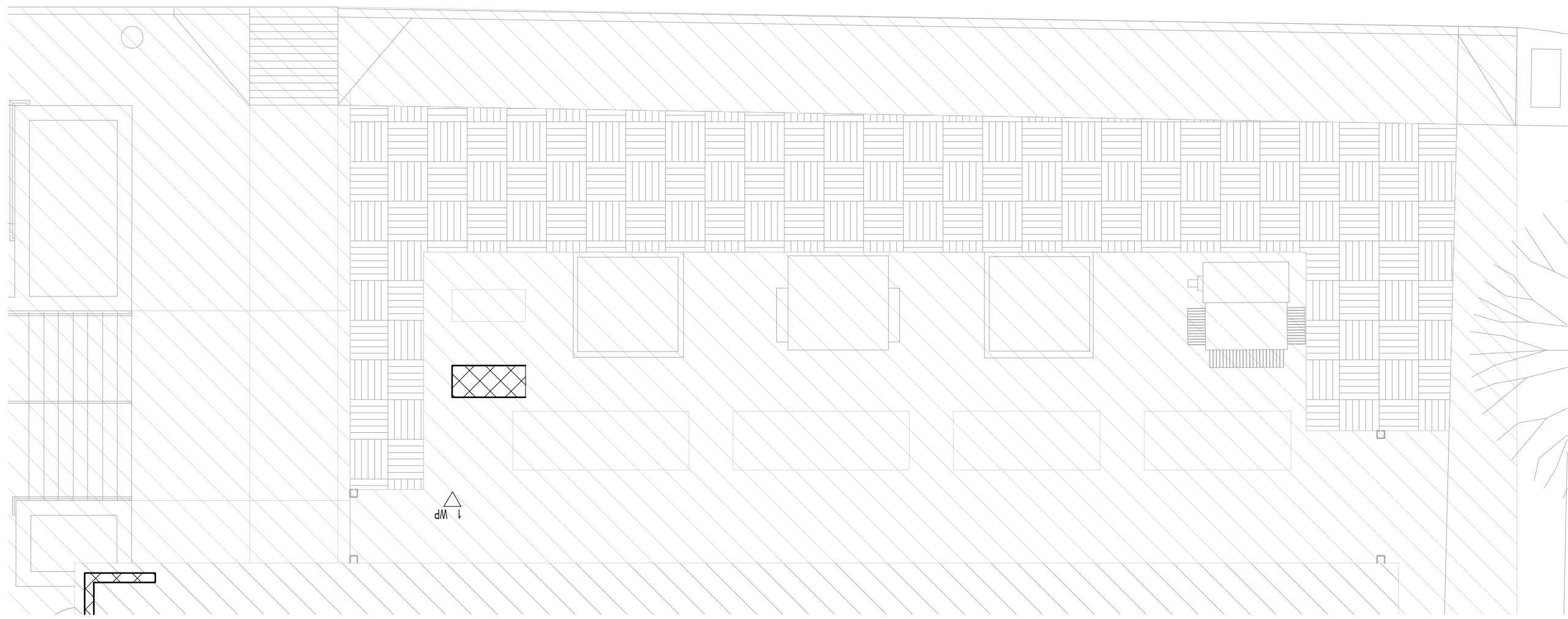
GENERAL PROJECT NOTES

1. DO NOT SCALE THE DRAWINGS. IN CASE OF DISCREPANCIES, OR IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
2. "TOP OF SLAB" ELEVATION AS REFERENCED THROUGHOUT THE CONTRACT DOCUMENTS DOES NOT NECESSARILY EQUATE TO "FINISH FLOOR ELEVATION."

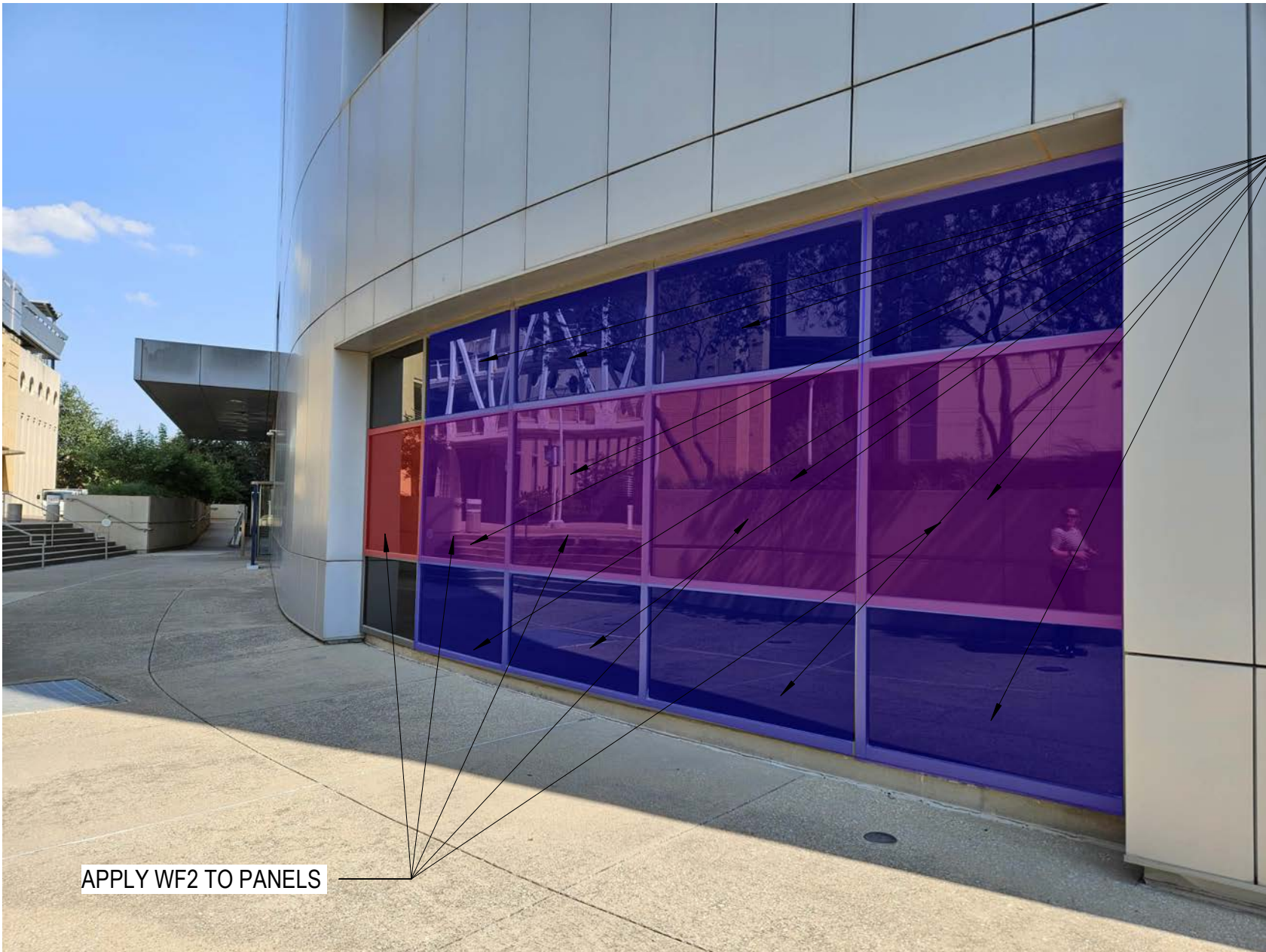
"TOP OF SLAB" AS REFERENCED HEREINAFTER IS DEFINED AS THE FINAL POURED CONCRETE SUBFLOOR ELEVATION PRIOR TO APPLICATION OF SCHEDULED FLOOR FINISHES.

"FINISH FLOOR ELEVATION" IS MEASURED TO OR FROM TOP OF SCHEDULED FLOOR FINISH MATERIAL.
3. UNLESS OTHERWISE INDICATED, DIMENSIONS SHOWN FOR NEW CONSTRUCTION ARE TO FACE OF FINISH OF GYPSUM BOARD PARTITIONS, TO CENTER LINE OF COLUMNS, AND TO FACE OF CONCRETE OR MASONRY WALLS.
4. UNLESS OTHERWISE INDICATED, DIMENSIONS IN RENOVATION AREAS ARE FROM FINISH FACE OF EXISTING WALLS TO FINISH FACE OF NEW CONCRETE, MASONRY, OR GYPSUM BOARD PARTITIONS.
5. PIPING LOCATED ABOVE GRADE AND INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED GYPSUM BOARD ENCLOSURES, WITH THE EXCEPTION OF EQUIPMENT ROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS, IDF / IDF DATA CLOSETS, AND FIRE SUPPRESSION PIPING LOCATED IN STAIRWAYS. UNLESS OTHERWISE INDICATED, COORDINATE WITH OTHER TRADES TO PROVIDE GYPSUM BOARD ENCLOSURES FOR PIPING INSTALLED IN FINISHED AREAS.
6. WHERE GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCLOSURES, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED AND FLUSH WITH THE FACE OF THE EXISTING SURFACE. WHERE A ONE-HOUR FIRE-RESISTANCE-RATED PARTITION IS SHOWN AS A CONTINUATION OF A TWO-HOUR FIRE-RESISTANCE-RATED PARTITION OR COLUMN ENCLOSURE, THE FACE OF THE NEW GYPSUM BOARD SHALL BE LOCATED AS REQUIRED TO ALIGN AND BE FLUSH WITH THE FACE OF THE EXISTING SURFACE.
7. PARTITION TYPE AND FIRE-RESISTANCE RATING INDICATED FOR A GIVEN PARTITION ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THAT PARTITION UNLESS OTHERWISE INDICATED.
8. PENETRATIONS THROUGH FIRE-RESISTANCE-RATED PARTITIONS, FLOORS, CEILINGS AND ROOF ASSEMBLIES SHALL BE SEALED WITH APPROVED FIRE-RESISTANT-RATED PENETRATION FIRESTOPPING SYSTEMS.
9. MAINTAIN THE FIRE-RESISTANCE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, BOXES, AND OTHER ITEMS RECESSED IN FIRE-RESISTANCE-RATED PARTITIONS, AND FLOOR AND CEILING ASSEMBLIES. REFER TO FIRE RESISTANCE DETAILS.
10. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS, AND SOAP DISHES INSTALLED WITHIN 2 FEET OF A WATER CLOSET, URINAL, SINK, OR LAVATORY SHALL BE SEALED TO PREVENT MOISTURE MIGRATION INTO THE PARTITION OR OTHER CONSTRUCTION IN WHICH THEY ARE INSTALLED.
11. COORDINATE LOCATION OF JOINT SEALANTS, AND COMPATIBILITY OF JOINT SEALANTS WITH ADJACENT WORK, INCLUDING MATERIALS AND OTHER JOINT SEALANTS.
12. JOINT SEALANTS EXPOSED TO VIEW SHALL BE CUSTOM COLOR AS SELECTED BY ARCHITECT.
13. COORDINATE SIZE AND LOCATION OF CONCRETE BASES AND HOUSEKEEPING PADS WITH SIZES AND REQUIRED CLEARANCES OF THE EQUIPMENT SCHEDULED TO BE INSTALLED ON THEM.
14. LEVEL EXISTING CONCRETE FLOORS (AND NEW FLOORS THAT WERE INSTALLED OUT OF SPECIFIED TOLERANCES) WITH SELF-LEVELING GEMENT-BASED UNDERLAYMENT SO THAT THEY DO NOT EXCEED A MAXIMUM 1/8-INCH VARIANCE IN A 10'-0" RADIUS. FEATHER EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
15. COAT OR OTHERWISE ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC ACTION AND OTHER FORMS OF CORROSION.
16. DO NOT HANG OR SUSPEND ANY ITEMS FROM METAL ROOF DECKING, SUSPENSION SYSTEMS FOR CEILINGS, AND HANGERS AND SUPPORTS FOR DIVISION 21 THROUGH 29 SYSTEMS. SHALL BE ANCHORED TO BEAMS, JOISTS, OR SLOTTED CHANNEL FRAMING SYSTEM.
17. EXIT SIGNS AND SMOKE DETECTORS LOCATED IN CEILINGS SHALL BE LOCATED AND POSITIONED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
18. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER-FURNISHED / CONTRACTOR-INSTALLED EQUIPMENT AND FURNISHINGS. COORDINATE DELIVERY AND INSTALLATION OF O/F/I EQUIPMENT WITH OWNER. COORDINATE NECESSARY ACCESSIBLE ROUTES, AND MINIMUM CLEARANCES AND OPENING SIZES, TO THE INSTALLATION AREA WITH THE EQUIPMENT / FURNISHINGS SUPPLIER.

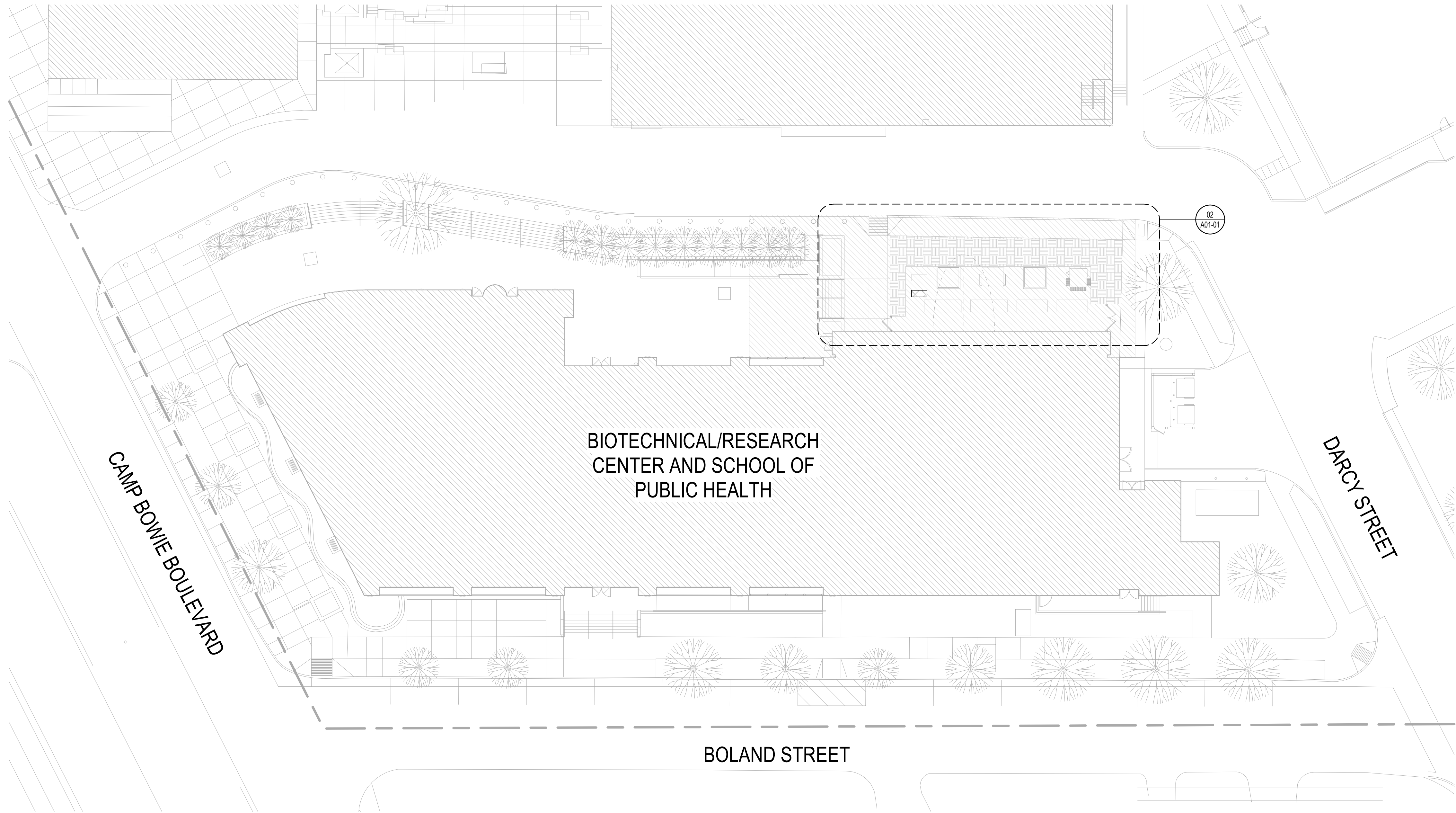
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02 ENLARGED SITE DEMO PLAN - MECHANICAL YARD
1/8" = 1'-0"



03 UPTAKE ROOMS GLAZING DEMO DIAGRAM
1/2" = 1'-0"



01 DEMO SITE PLAN
1" = 20'-0"

DEMOLITION GENERAL NOTES

- THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL AS-BUILT OR FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS. FIELD VERIFY ALL DIMENSIONS, AND IMMEDIATELY NOTIFY THE ARCHITECT OF INCONSISTENCIES PRIOR TO PROCEEDING WITH THE WORK.
- SCHEDULE ALL DEMOLITION WITH THE OWNER.
- CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED TO MINIMIZE THE SPREAD OF DUST AND NOISE.
- VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS.
- DEMOLITION WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY AUTHORITIES HAVING JURISDICTION.
- BRACE ALL STRUCTURES AND STRUCTURAL ELEMENTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY DURING DEMOLITION OPERATIONS.
- DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
- THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WEATHER-TIGHT CONDITION AT ALL TIMES.
- COORDINATE WITH THE OWNER ANY ITEMS SCHEDULED OR DESIRED TO BE SALVAGED, STORED, AND RELOCATED.
- WHEN SMOKE OR FIRE-RESISTANCE-RATED ASSEMBLIES ARE DAMAGED DURING DEMOLITION, REPAIR THE ASSEMBLY TO MEET THE ORIGINAL SMOKE/FIRE RATINGS REQUIREMENTS.
- FINISHES AND OTHER ITEMS SCHEDULED TO REMAIN (OR OTHERWISE NOT SCHEDULED TO BE REMOVED OR DEMOLISHED) SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION OPERATIONS. DAMAGE TO SUCH FINISHES OR ITEMS OF WORK SHALL BE REPAIRED OR REPLACED WITH NEW MATERIALS TO MATCH EXISTING, TO THE SATISFACTION OF THE OWNER.
- REFER TO MEP DRAWINGS FOR DEMOLITION OF MEP SYSTEMS AND SERVICES, REROUTING OF SYSTEMS AND SERVICES, CAPPING OF LINES, ETC. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF THESE SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION.
- COORDINATE WITH THE OWNER ANY ITEMS SCHEDULED OR DESIRED TO BE SALVAGED, STORED, AND RELOCATED.
- FIELD VERIFY ALL DIMENSIONS

DEMOLITION LEGEND

- EXISTING TO REMAIN
- CONSTRUCTION TO BE REMOVED
- PAVING TO BE REMOVED WITHIN AREA INDICATED
- EXISTING TO REMAIN, REFERENCE ENTIRE DOCUMENTS FOR POSSIBLE ADDITIONAL WORK IN THIS AREA
- PROPERTY LINE

DEMOLITION NOTES BY NUMBER

<<< Indicates Sheet Keynote on Plan

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FACILITY
UNT Health Fort Worth
3400 Camp Bowie Blvd. Fort Worth, Texas
76107



02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

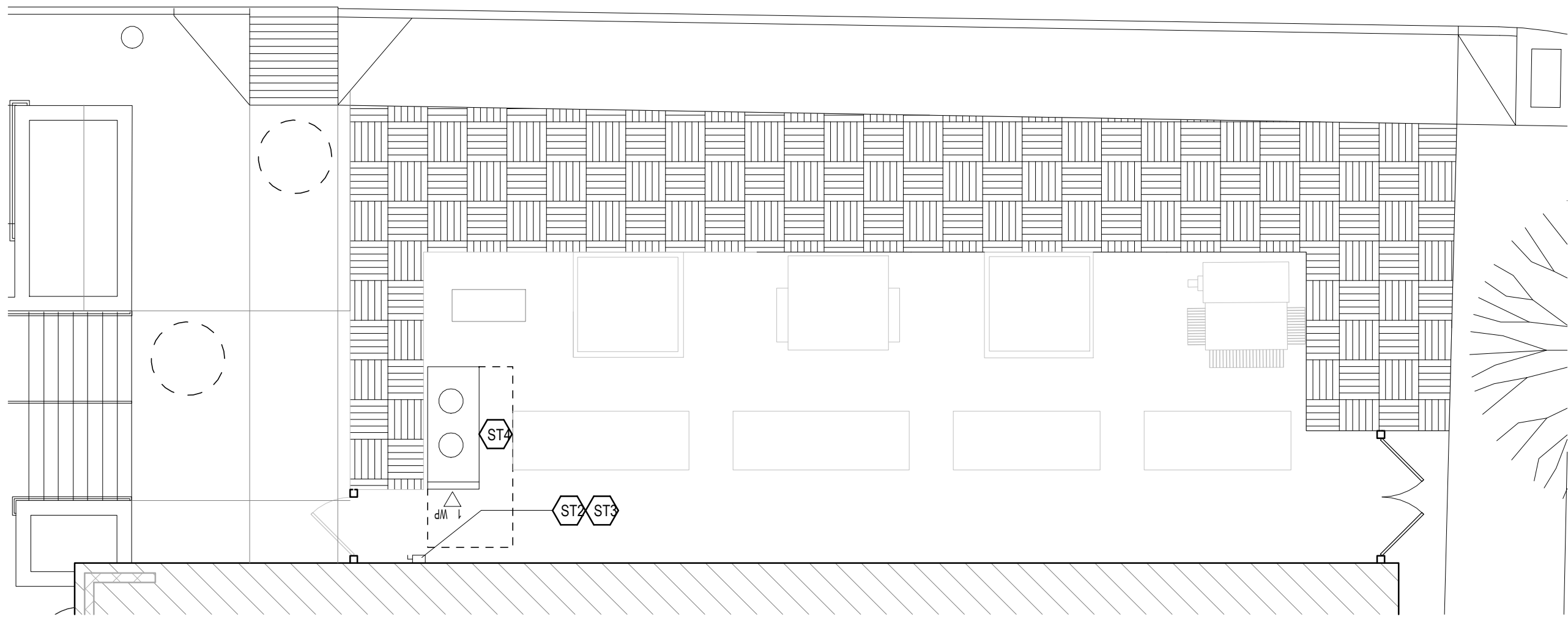
DEMOLITION SITE PLAN

SHEET NUMBER

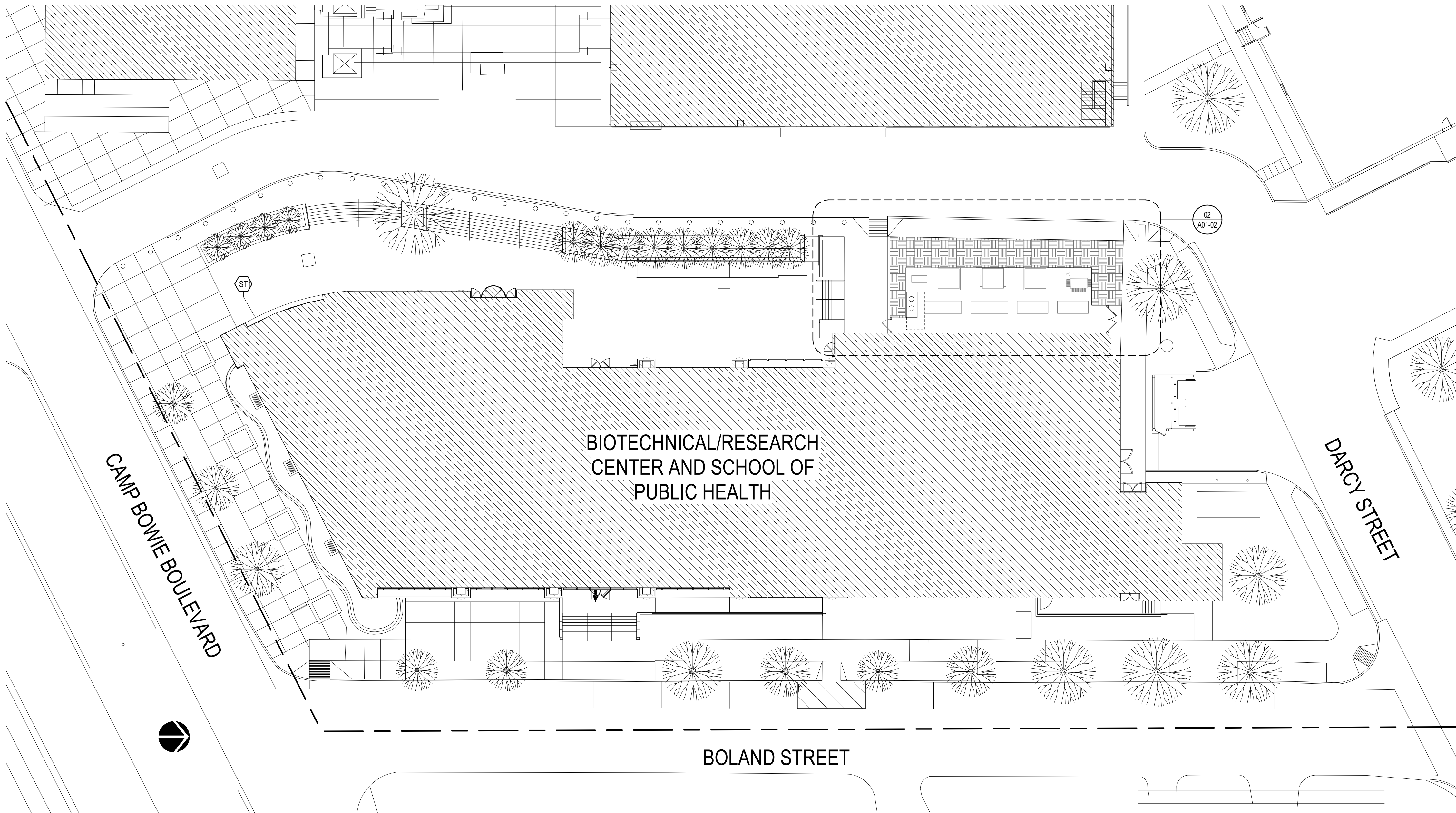
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02 ENLARGED SITE PLAN - NEW MECHANICAL YARD
1/8" = 1'-0"



01 NEW SITE PLAN
1" = 20'-0"

SITE PLAN GENERAL NOTES

1. ARCHITECTURAL SITE PLAN IS ISSUED FOR GENERAL REFERENCE ONLY. REFER TO MEP SITE PLAN DRAWINGS FOR MORE DETAILED INFORMATION REGARDING THE WORK OF THOSE DISCIPLINES.
2. MAINTAIN EXISTING ACCESS TO ALL SITE AND PARKING LOT ENTRANCE AND DO NOT BLOCK ACCESS TO DRIVES AND COVERED DROP OFF AREAS. SITE WORK AND STAGING THAT AFFECT THE AREAS ADJACENT TO BUILDING ENTRANCES WILL REQUIRE A WRITTEN COORDINATION PLAN SUBMITTED TO AND APPROVED BY THE FACILITY.
3. INFORM OWNER PRIOR TO ANY SITE DEMOLITION AND SCHEDULE SUCH DEMOLITION AS NOT TO INTERFERE WITH THE OWNER'S OPERATIONS AS OUTLINED IN AN AGREED PHASING PLAN AND SCHEDULE.

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SITE PLAN PLAN LEGEND

- EXISTING BUILDING FOOTPRINT
- EXISTING PLANTER
- PROPERTY LINE
- FIRE LANE
- REQUIRED ACCESSIBLE PATH

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

NEW SITE PLAN

SHEET NUMBER

A01-02

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DEMOLITION GENERAL NOTES

- THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL AS-BUILT OR FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS. FIELD VERIFY ALL DIMENSIONS, AND IMMEDIATELY NOTIFY THE ARCHITECT OF INCONSISTENCIES PRIOR TO PROCEEDING WITH THE WORK.
- SCHEDULE ALL DEMOLITION WITH THE OWNER.
- CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED TO MINIMIZE THE SPREAD OF DUST AND NOISE.
- VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS.
- DEMOLITION WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY AUTHORITIES HAVING JURISDICTION.
- BRACE ALL STRUCTURES AND STRUCTURAL ELEMENTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY DURING DEMOLITION OPERATIONS.
- DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
- THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WEATHER-TIGHT CONDITION AT ALL TIMES.
- COORDINATE WITH THE OWNER ANY ITEMS SCHEDULED OR DESIRED TO BE SALVAGED, STORED, AND RELOCATED.
- WHEN SMOKE OR FIRE-RESISTANCE-RATED ASSEMBLIES ARE DAMAGED DURING DEMOLITION, REPAIR THE ASSEMBLY TO MEET THE ORIGINAL SMOKE/FIRE RATING REQUIREMENTS.
- FINISHES AND OTHER ITEMS SCHEDULED TO REMAIN (OR OTHERWISE NOT SCHEDULED TO BE REMOVED OR DEMOLISHED) SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION OPERATIONS. DAMAGE TO SUCH FINISHES OR ITEMS OF WORK SHALL BE REPAIRED OR REPLACED WITH NEW MATERIALS TO MATCH EXISTING, TO THE SATISFACTION OF THE OWNER.
- REFER TO MEP DRAWINGS FOR DEMOLITION OF MEP SYSTEMS AND SERVICES, REROUTING OF SYSTEMS AND SERVICES, CAPPING OF LINES, ETC. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF THESE SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION.
- COORDINATE WITH THE OWNER ANY ITEMS SCHEDULED OR DESIRED TO BE SALVAGED, STORED, AND RELOCATED.
- FIELD VERIFY ALL DIMENSIONS

DEMOLITION LEGEND

- EXISTING TO REMAIN
- CONSTRUCTION TO BE REMOVED
- FLOOR, WALL, AND CEILING FINISHES ONLY TO BE REMOVED WITHIN AREA INDICATED
- FLOOR AND WALL FINISHES ONLY TO BE REMOVED WITHIN AREA INDICATED
- EXISTING TO REMAIN, REFERENCE ENTIRE DOCUMENTS FOR POSSIBLE ADDITIONAL WORK IN THIS AREA.
- FLOOR AND BASE FINISHES ONLY TO BE REMOVED WITHIN AREA INDICATED.
- SALVAGED FURNITURE FOR RELOCATION AND REUSE

DEMOLITION NOTES BY NUMBER

- <<< Indicates Sheet Keynote on Plan
- DM02 SALVAGE FURNITURE AND STORE FOR RELOCATION TO BREAKROOM.
 - DM04 REMOVE AND SALVAGE FURNITURE AND EQUIPMENT - PROVIDE TO OWNER.
 - DM05 REMOVE AND SALVAGE LIGHT FIXTURE FOR USE ON RENOVATION SCOPE.
 - DM06 REMOVE AND SALVAGE TV - PROVIDE TO OWNER.
 - DM07 REMOVE AND SALVAGE CASEWORK - PROVIDE TO OWNER.
 - DM08 REMOVE AND SALVAGE APPLIANCES - PROVIDE TO OWNER.
 - DM10 REMOVE EXIT SIGN AND ALL ASSOCIATED WIRING, SALVAGE FOR FUTURE USE.
 - DM11 EXISTING EXIT SIGN TO REMAIN.
 - DM12 EXISTING SPOFFIT TO REMAIN.
 - DM13 EXISTING EQUIPMENT CURB TO REMAIN.
 - THIS WALL IS TO BE DEMOLISHED SO THAT RADIATION COULD BE ADDED, THIS IS AN EXISTING STC WALL. MAINTAIN ACOUSTICAL INTEGRITY OF WALL AND INTEGRITY OF FINISHES ON BATHROOM SIDE.

02 DEMOLITION REFLECTED CEILING PLAN - LEVEL 01

1/8" = 1'-0"

01 DEMOLITION PLAN - LEVEL 01

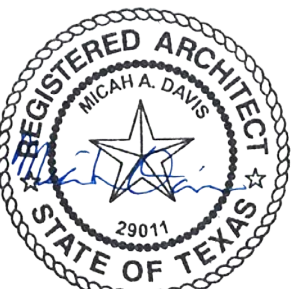
1/8" = 1'-0"

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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

FLOOR PLAN - LEVEL
01

SHEET NUMBER

A11-01

FLOOR PLAN
GENERAL NOTES

1. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.
2. REFER TO CODE COMPLIANCE PLANS FOR GRAPHIC EXTENT OF FIRE-RESISTANCE RATED PARTITIONS.
3. REFER TO INTERIOR PARTITION TYPE CHART SHEETS FOR INFORMATION ON INTERIOR PARTITIONS.
4. REFER TO INTERIOR PARTITION TYPE CHARTS FOR LOCATION OF SOUND ATTENUATION INSULATION.
5. PARTITIONS SHALL BE TYPE A41 UNLESS OTHERWISE INDICATED.
6. AT THE JOINING OF DISMILAR PARTITION TYPES OR TO EXISTING CONSTRUCTION, THE EXPOSED FACES OF THE FINISHED SURFACES ARE TO ALIGN AND BE FLUSH.
7. REFER TO TYPICAL ARCHITECTURAL CABINETS AND COUNTERTOPS FOR CLEARANCE TO WALLS FOR SINKS AND LAVATORIES.
8. PROVIDE A 1'-4" MINIMUM WIDE CHASE BEHIND SINGLE-SIDED WALL-HUNG TOILETS, OR A 1'-8" WIDE CHASE BETWEEN BACK-TO-BACK WALL-HUNG FIXTURES, OR FOR FLOOR-MOUNTED TOILETS, PROVIDE A MINIMUM 6" STUD WALL.
9. FOR BOTH SINGLE AND BACK-TO-BACK WALL-HUNG LAVATORIES, PROVIDE AN 8" MINIMUM WIDE CHASE OR STUD WALL.
10. DIMENSIONS OF CHASE DEPTHS ARE OUT-TO-OUT OF GYPSUM BOARD FACES PRIOR TO FINISH.
11. REFER TO A61-50 (MISCELLANEOUS DETAILS) FOR ADDITIONAL DIMENSION CONTROL.
12. ITEMS BEYOND MATCHLINE ARE FOR REFERENCE ONLY. REFER TO THE APPROPRIATE PLAN SHEET FOR ACCURATE DRAWING INFORMATION.
13. WHERE ANNOTATIONS ON THE DRAWINGS INDICATE A CONDITION AT ONE LOCATION, WHETHER INDICATED AS TYPICAL OR NOT, THE ANNOTATIONS SHALL APPLY TO ALL SIMILAR LOCATIONS UNLESS NOTED OTHERWISE.
14. WHERE DOORS ARE PRESENT IN INTERIOR GLAZING SYSTEMS, REF DOOR SCHEDULE FOR GLAZING ELEVATION REFERENCE U.N.O.
15. DIMENSIONS SHOWN ARE TO EXTERIOR FACE OF FINISH, CONCRETE, OR MASONRY WALLS, TO ROUGH OPENINGS, TO BUILDING EXPANSION JOINTS, AND TO CENTER LINE OF COLUMNS.
16. REFER TO G-SERIES "CODE COMPLIANCE PLANS" FOR GRAPHIC EXTENTS OF FIRE-RESISTANCE-RATED EXTERIOR WALLS.

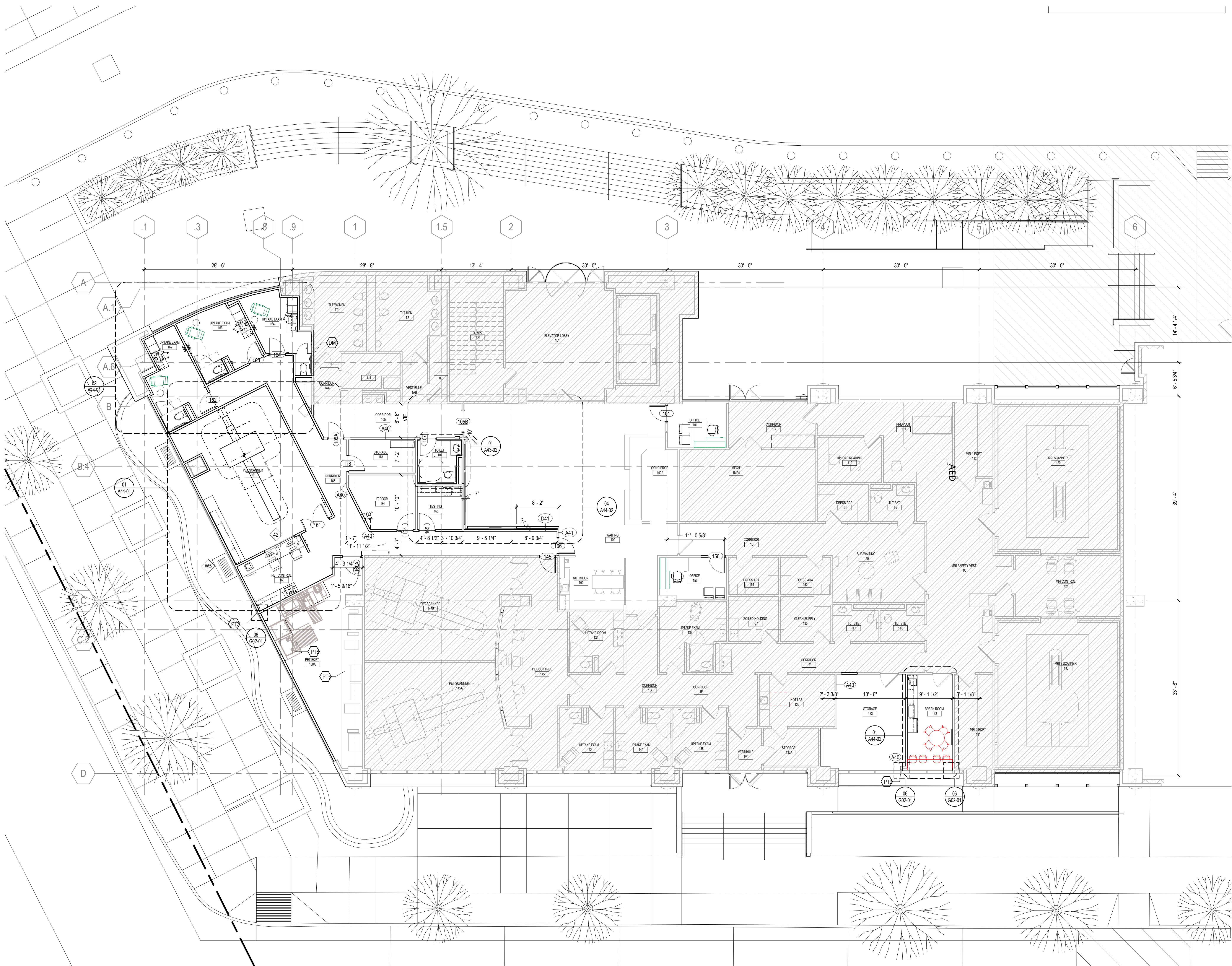
OVERALL FLOOR PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- EXISTING COLUMN TO REMAIN
- FIRE - RATED SHAFT
- MATCHLINE
SEE 1 / A101
- MATCHLINE
SEE 1 / A101
- STRUCTURAL BRACING
- EXISTING TO REMAIN: REFERENCE
ENTIRE DOCUMENTS FOR ADDITIONAL
WORK IN THIS AREA
- ENLARGED PLAN TAG
XX
XXX-XX
- FURNITURE TO BE RELOCATED
- FFE

FLOOR PLAN
NOTES BY NUMBER

<<< Indicates Sheet Keynote on Plan

- DM1 REMOVE EXISTING FLOOR SLAB
- PT3 CENTER PARTITION ON EXISTING MULLION
- PT5 EXISTING EQUIPMENT CURB
- PT6 NEW EQUIPMENT CURB TO MATCH EXISTING



01 FLOOR PLAN - LEVEL 01.
1/8" = 1'-0"



1 FLOOR PLAN - LEVEL 01 SHIELDING
1/4\" = 1'-0"

NOTES

1. REFERENCE PHYSICIST REPORT IN SPECIFICATIONS FOR DETAIL ON SHIELDING
2. SHIELDING TO BE TWICE AS THICK AS PHYSICIST REPORT. THICKNESS INDICATED ON THIS PAGE ACCOUNT FOR INCREASE.
3. CONTRACTOR TO COORDINATE FINAL SHIELDING DESIGN WITH SHIELDING VENDOR AND APPROVE THROUGH UNT HEALTH.

LEGEND

- 1/8" LEAD SHIELDING
- 1/4" LEAD SHIELDING
- 1/2" LEAD SHIELDING

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ISSUE CHART

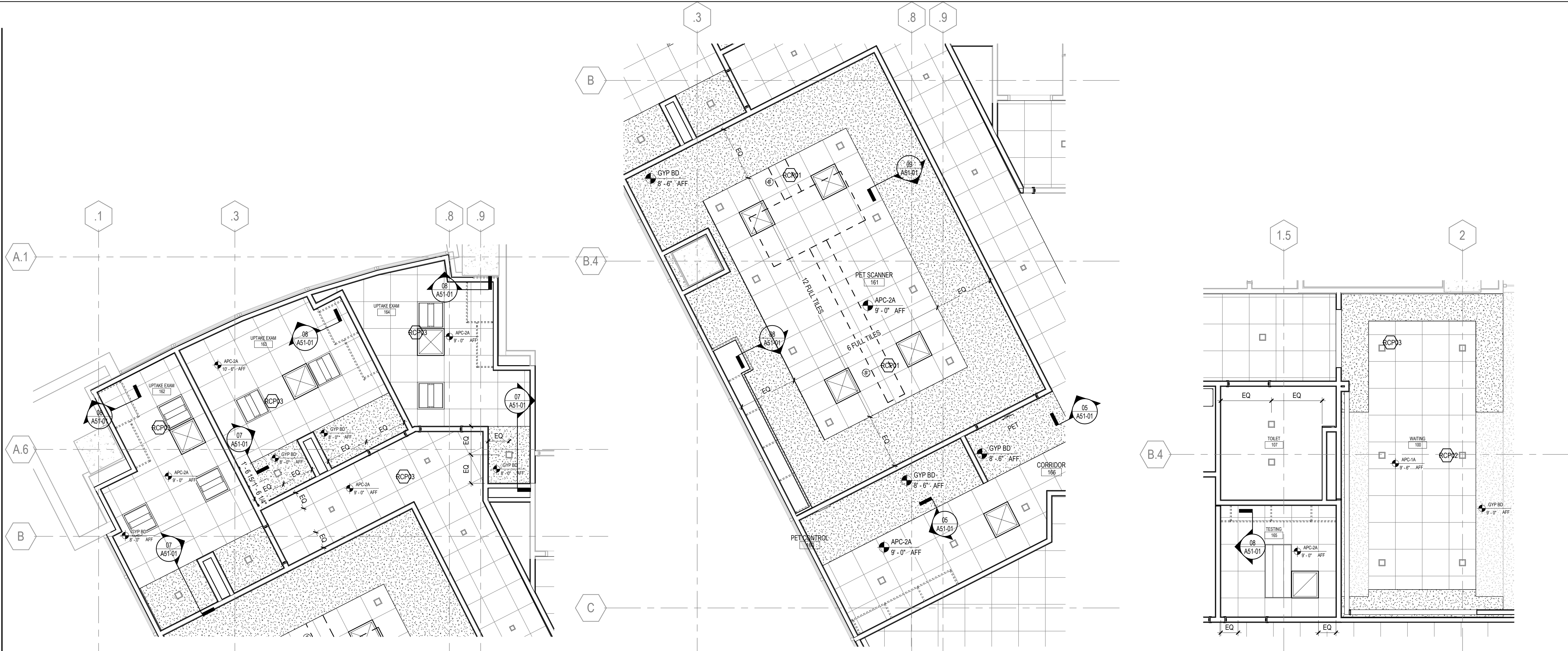
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TITLE		

SHIELDING
REQUIREMENTS

SHEET NUMBER

A11-02

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04 ENLARGED RCP - UPTAKE ROOMS
1/4" = 1'-0"

03 ENLARGED RCP - PET SCANNER AND PET CONTROL ROOM
1/4" = 1'-0"

02 ENLARGED RCP - TESTING, TOILET AND WAITING ROOM
1/4" = 1'-0"



01 OVERALL REFLECTED CEILING PLAN - LEVEL 01
1/8" = 1'-0"

RCP GENERAL NOTES

- REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL CEILING MOUNTED ITEMS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- SEE ELECTRICAL DRAWINGS FOR THE LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, EXIT LIGHT, AND FIRE ALARM DEVICES.
- SPRINKLER HEAD LOCATIONS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. BUILDING IS TO BE "FULLY SPRINKLERED" PER NFPA 13 AND OWNER'S INSURANCE COMPANY'S REQUIREMENTS.
- 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, ETC.
- WHERE EXISTING LAY-IN CEILINGS ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ANY CEILING TILE THAT HAS BEEN DAMAGED WITH MATERIALS THAT MATCH THE EXISTING FOR COLOR, TEXTURE, PATTERN, ETC. IF UNIFORMITY CANNOT BE ACHIEVED, THE CONTRACTOR SHALL REPLACE THE ENTIRE CEILING WITHIN THE SPACE WITH NEW MATERIAL.
- PRIOR TO INSTALLING CEILINGS, MARK AND IDENTIFY FIRE PARTITIONS, FIRE BARRIERS, FIRE WALLS, AND SMOKE BARRIERS WITH PAINT AND STENCILING IN THE SPACE TO BE CONCEALED ABOVE CEILINGS.
- PROVIDE CEILING ACCESS DOORS IN INACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS MAY BE REQUIRED. WHERE APPLICABLE, ACCESS PANEL SHALL MEET THE UL DESIGN CRITERIA OF THE RATED CEILING.
- PROVIDE CEILING ACCESS DOORS IN INACCESSIBLE TYPE CEILINGS WHERE IT IS NOT POSSIBLE TO VISUALLY INSPECT A FIRE-RATED PARTITION, WALL, BARRIER, OR A SMOKE BARRIER THAT EXTENDS UP THROUGH THE INTERSTITIAL SPACE TO THE ROOF OR FLOOR DECK ABOVE. CEILING ACCESS DOORS SHALL BE INSTALLED ADJACENT TO EACH SIDE OF THE PARTITION, WALL OR BARRIERS AT INTERVALS NOT EXCEEDING 30 FEET AND IN SUCH LOCATIONS AS NECESSARY TO VIEW ALL SURFACES OF THE PARTITION, WALL, OR BARRIERS. WHERE APPLICABLE, ACCESS DOORS SHALL MEET THE UL DESIGN CRITERIA OF THE RATED CEILING.
- CENTER LIGHTS AND CEILING GRID WITHIN ROOMS UNLESS OTHERWISE INDICATED. NOTIFY ARCHITECT PRIOR TO GRID INSTALLATION IF THIS WILL RESULT IN CEILING PANELS LESS THAN 6" IN ANY DIRECTION.

RCP LEGEND

- | | |
|--|--|
| | SUPPLY AIR GRILLE |
| | RETURN AIR GRILLE |
| | EXHAUST AIR GRILLE |
| | SUPPLY STRIP DIFFUSER |
| | SURFACE MOUNTED LINEAR FIXTURE |
| | RECESSED LINEAR FIXTURE |
| | SUSPENDED LINEAR FIXTURE |
| | RECESSED DOWN LIGHT |
| | SURFACE MOUNTED DOWN LIGHT |
| | WALL MOUNTED DOWN LIGHT |
| | WALL MOUNTED LINEAR FIXTURE |
| | X-RAY LIGHT |
| | TRACK LIGHT |
| | NEW RECESSED LIGHT FIXTURE |
| | RECESSED LIGHT FIXTURE TO BE RELOCATED |
| | COVE LIGHT FIXTURE |
| | WALL WASHER |
| | SUSPENDED 2' X 4' ACOUSTICAL CEILING SYSTEM |
| | C.J. |
| | CEILING DETAIL / SECTION TAG |
| | CEILING HEIGHT DESIGNATION PER AREA, WHERE NO HEIGHT IS DESIGNATED, ASSUME 9'-0" |
| | GYPSUM BOARD FURR DOWN OVER WALL CABINET OR LOCKER |
| | GYPSUM BOARD CEILING |
| | EXPOSED STRUCTURE |
| | OUT OF SCOPE |
| | SALVAGED AND RELOCATED FIXTURE |

RCP NOTES BY NUMBER

- <<< Indicates Sheet Keynote on Plan
- | | |
|-------|--|
| RCP01 | SPEAKER |
| RCP02 | EXISTING CEILING AND LIGHTING FIXTURES TO REMAIN |
| RCP03 | NEW LIGHT FIXTURES TO MATCH EXISTING |

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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

KEYPLAN

ISSUE CHART

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Job Number		144090.00
		TITLE

REFLECTED CEILING
PLAN - LEVEL 01

SHEET NUMBER

A12-01

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ISSUE CHART

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INTERIOR FINISH
PLAN - LEVEL 01

SHEET NUMBER

A13-01A

INTERIOR FINISH PLAN
GENERAL NOTES

- REFER TO INTERIOR FINISH LEGEND SHEET FOR FINISH MANUFACTURER, COLOR, AND TAG INFORMATION.
- REFER TO INTERIOR FINISH LEGEND SHEET FOR TYPICAL MILLWORK FINISH INFORMATION.

INTERIOR FINISH
PLAN LEGEND

ROOM FINISH TAG

XXX	WALL FINISH
XXX	WALL ACCENT FINISH
XXX	WALL BASE FINISH
XXX	FLOOR FINISH

MILLWORK FINISH TAG

XXX	COUNTERTOP
XXX	CABINET FRONTS

* DENOTES MULTIPLE FINISHES. REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFORMATION.

XXX FINISH MATERIAL TAG

ETR EXISTING TO REMAIN

EXISTING TO REMAIN. REFERENCE ENTIRE DOCUMENTS FOR ADDITIONAL WORK IN THIS AREA

SC FLOOR TRANSITION TAG
LVT1

ACCENT WALL FINISH EXTENTS

MATERIAL PATTERN DIRECTION

WPK WALL PROTECTION TAG. REFER TO A52-XX FOR DETAIL AND A64-XX FOR MANUFACTURER AND PRODUCT INFORMATION.

WP1 CORNER GUARD TAG. REFER TO A52-XX FOR DETAIL AND A64-XX FOR MANUFACTURER AND PRODUCT INFORMATION.

FLOOR PATTERN

FIELD FLOOR FINISH SHOWN WHITE FOR CLARITY. REFERENCE GRAIN DIRECTION INDICATOR FOR INSTALL DIRECTION. AND TRANSITION TAGS FOR CHANGE IN MATERIAL OR DIRECTION.

INTERIOR FINISH PLAN
NOTES BY NUMBER

<<< Indicates Sheet Keynote on Plan

FN1 RIGID SHEET WALL PROTECTION WPK AS SCHEDULED. EXTEND TO FULL WIDTH OF SHEET. PROVIDE TOP CAP AND SEAM FINISHING. ALL WALLS, TYP EXCEPT WHERE OBSTRUCTED BY MILLWORK.

FN2 FLOOR INSTALL DIRECTION TO CHANGE AT TRANSITION LINE. REFERENCE MATERIAL PATTERN DIRECTION LINEWORK FOR INSTALL DIRECTION.

FINISH TAG LEGEND

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

PLASTIC LAMINATE PL

SOLID SURFACE MATERIAL SS

DIVISION 09 - FINISHES

ACOUSTICAL PANEL CEILING APC

CERAMIC TILE CT

EXPOSED STRUCTURE ES

LUXURY VINYL TILE LVT

PAIN P

PORCELAIN TILE PT

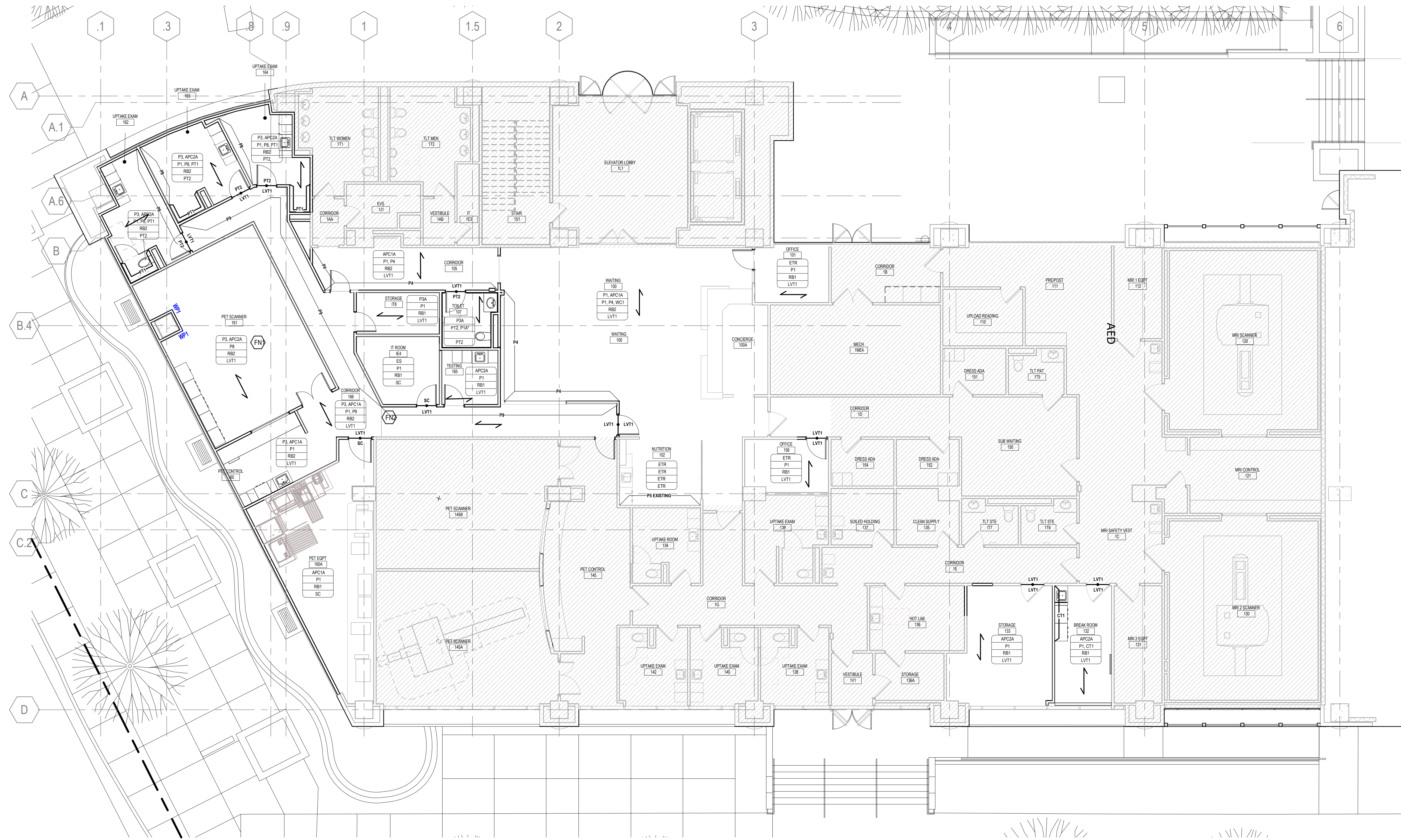
RESILIENT BASE & ACCESSORIES RB

SEALED CONCRETE SC

WALL COVERING WC

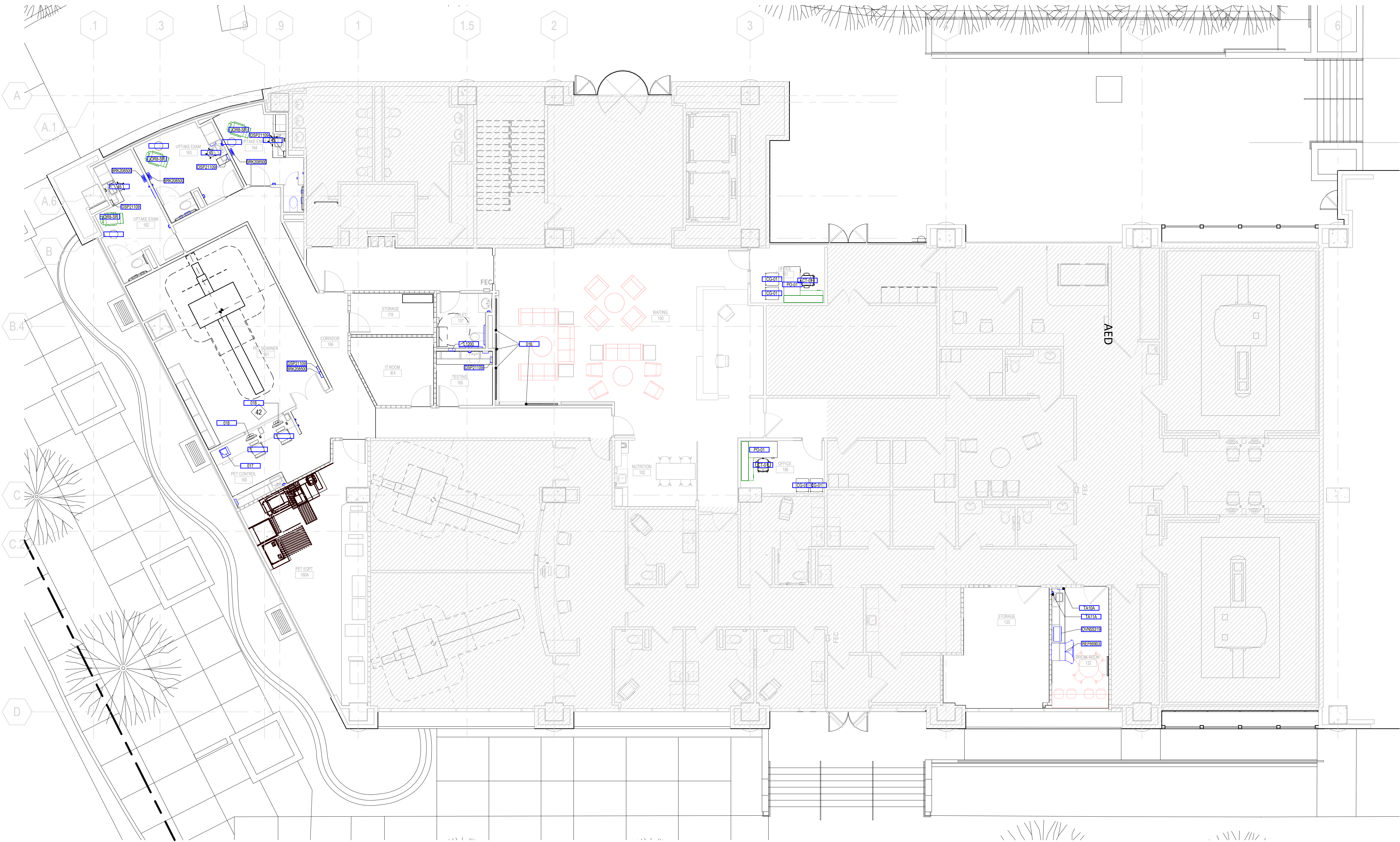
DIVISION 10 - SPECIALTIES

WALL PROTECTION WP



01 INTERIOR FINISH PLAN - LEVEL 01
1/8" = 1'-0"

EQUIPMENT SCHEDULE						
TAG	DESCRIPTION	MANUFACTURER	MODEL	RESPONSIBILITY	COMMENTS	Comments
TA12A	MIRROR, TOILET				ACC	
APPLIANCE						
OWN5519	MICROWAVE - RELOCATED BY CONTRACTOR	GE PROFILE SERIES	PM6216SKSS	OFCI	EXISTING	APPLIANCE
REF6693	REFRIGERATOR - RELOCATED BY CONTRACTOR	FISHER & PAYKEL APPLIANCES	RS32A72U1	OFCI	EXISTING	APPLIANCE
FURNITURE						
JOR8-SR	EXAM CHAIR			OFCI		FURNITURE
CT-01	OFS GENUS 3610M R3 BODY BALANCE	OFS BRANDS	3610M R3			FURNITURE
PO-01	PULSE SINGLE PED DESK LEFT 66X30	FIRST OFFICE-PULSE				FURNITURE
	SHelf - RELOCATED AND INSTALLED BY CONTRACTOR			OFCI	EXISTING	FURNITURE
	SIDE TABLE	Steelcase				FURNITURE
45	STOOL	STEELCASE		OFCI		FURNITURE
016	TV PLASMA 65" - RELOCATED AND INSTALLED BY CONTRACTOR	OFS BRANDS	Type Catalog		EXISTING	FURNITURE
CG-01	TYPE CATALOG					FURNITURE
	WORK CHAIR	STEELCASE	WORK CHAIR			FURNITURE
MEDICAL EQUIPMENT						
DSP21109	GLOVE BOX HOLDER	REFER EQUIPMENT PACKAGE		OFCI-EQ		MEDICAL EQUIPMENT
118	HAND SANITIZER DISPENSER	REFER EQUIPMENT PACKAGE			ACC	MEDICAL EQUIPMENT
TA12B	MIRROR, DRESSING	BOBRICK			ACC	MEDICAL EQUIPMENT
TA10A	PAPER TOWEL DISPENSER	BOBRICK	B-26212		ACC	MEDICAL EQUIPMENT
L1200	PASS-THROUGH SPECIMEN WINDOW					MEDICAL EQUIPMENT
BRK206500	SHARPS CONTAINER	REFER EQUIPMENT PACKAGE		OFCI-EQ		MEDICAL EQUIPMENT
OFFICE						
018	MONITOR			OFCI-EQ		OFFICE
017	SCANNER/PRINTER			OFCI		OFFICE
001	TIME CLOCK			OFCI-EQ		OFFICE



01 EQUIPMENT AND FURNITURE PLAN - LEVEL 01
1/8" = 1'-0"

EQUIPMENT PLAN GENERAL NOTES

1. VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER FURNISHED EQUIPMENT THAT ARE LOCATED WITHIN OR ADJACENT TO BUILT-IN CABINETS.
2. UNLESS MOUNTING SUPPORT IS FURNISHED AS PART OF THE EQUIPMENT, SUPPLY BLOCKING FOR MOUNTING OF EQUIPMENT.
3. FOR ENLARGED TOILET ROOMS, MISCELLANEOUS EQUIPMENT MOUNTING HEIGHTS, AND RELATED TOILET ACCESSORIES, REF THE A-43 SERIES.
4. ALL CEILING AND OR WALL MOUNTED EQUIPMENT IE- MONITORS, TVS, PROJECTORS ETC, SHALL BE MOUNTED SO THAT THE BOTTOM MOST PART IS 80" AFF MINIMUM.
5. SCHEDULE WITH THE OWNER TO SCHEDULE THE DELIVERY AND INSTALLATION OF OWNER FURNISHED EQUIPMENT.
6. REFER TO EQUIPMENT RESPONSIBILITY MATRIX IN THE PROJECT MANUAL FOR CLARIFICATION OF RESPONSIBLE PARTY.
7. GLOVE DISPENSERS AND SHARPS CONTAINERS ARE TO BE OWNER FURNISHED OWNER INSTALLED.

EQUIPMENT PLAN LEGEND

- OWNER FURNISHED EQUIPMENT DESIGNATION. REFER TO OWNER EQUIPMENT MANUAL FOR SPECIFICATION.
- ENLARGED PLAN TAG
- CONTRACTOR FURNISHED EQUIPMENT/ ITEM
- OWNER FURNISHED EQUIPMENT/ ITEM
- SINGLE INTERIOR ELEVATION TAG
- FURNITURE TO BE RELOCATED BY CONTRACTOR
- EQUIPMENT
- FFE

EQUIPMENT PLAN NOTES BY NUMBER

<<< Indicates Sheet Keynote on Plan

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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

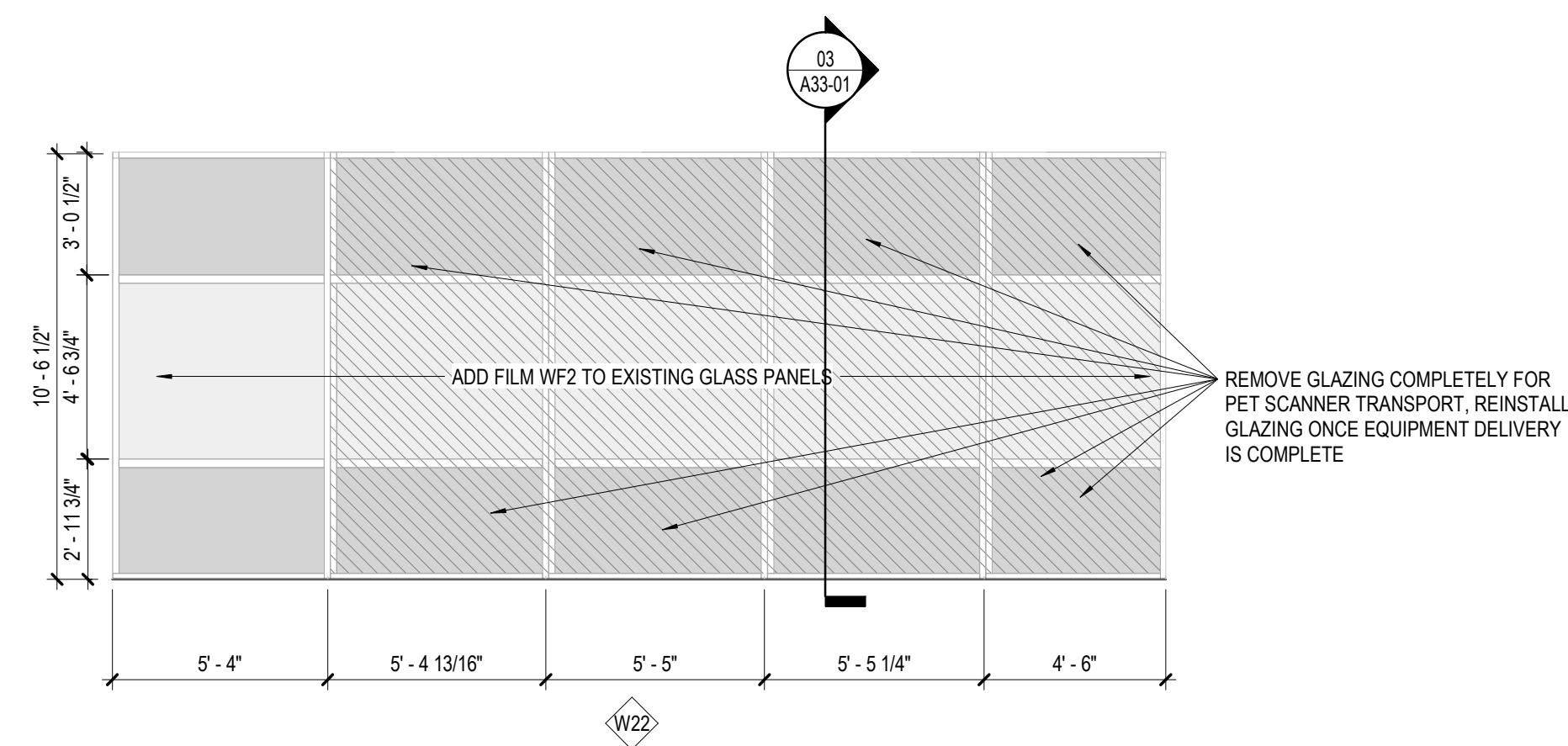
EQUIPMENT AND
FURNITURE PLAN -
LEVEL 01 AREA A

SHEET NUMBER

A17-01A

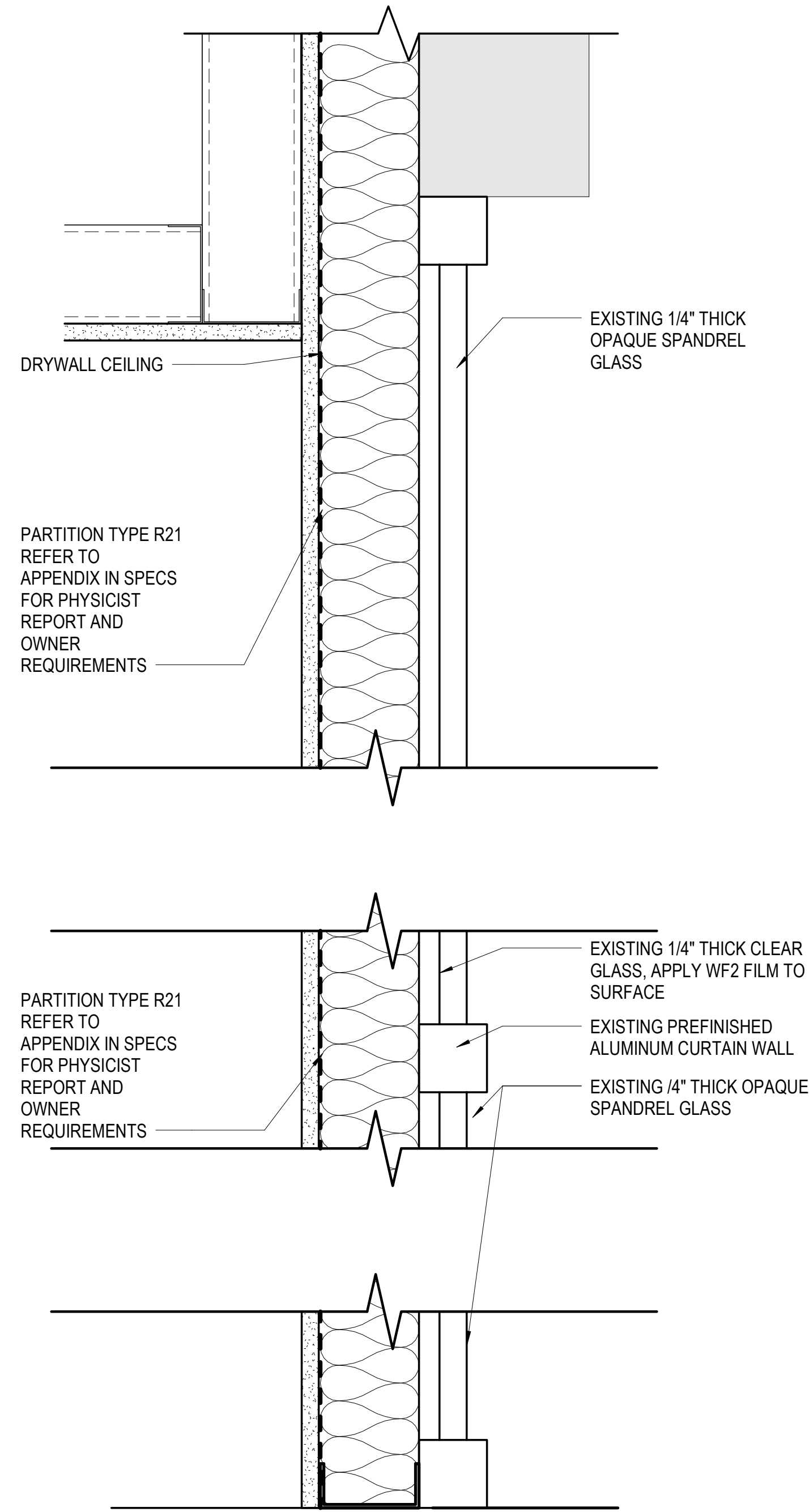
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EXTERIOR GLAZING

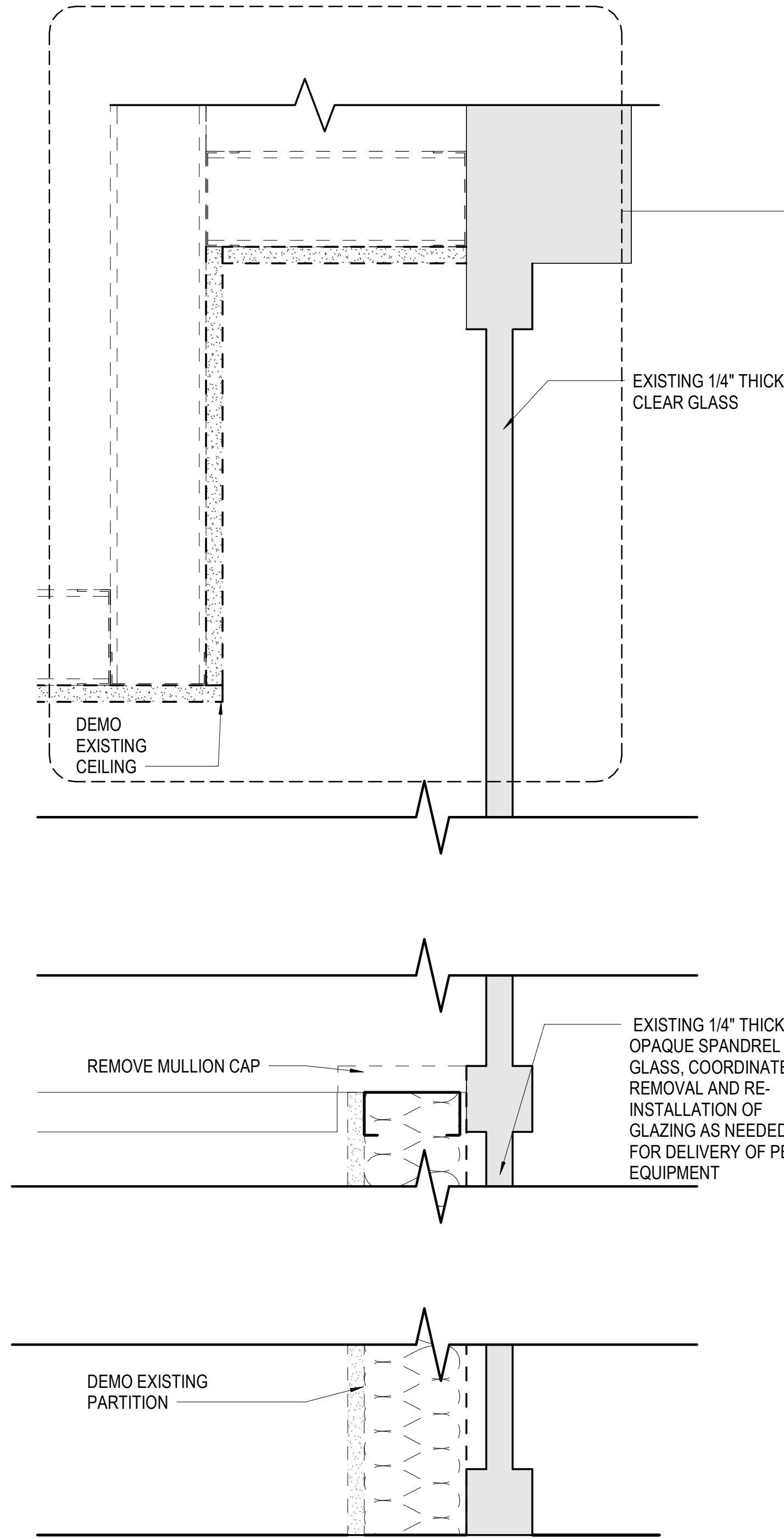


04 DEMOLITION SCOPE AT UPTAKE ROOMS
3" = 1'-0"

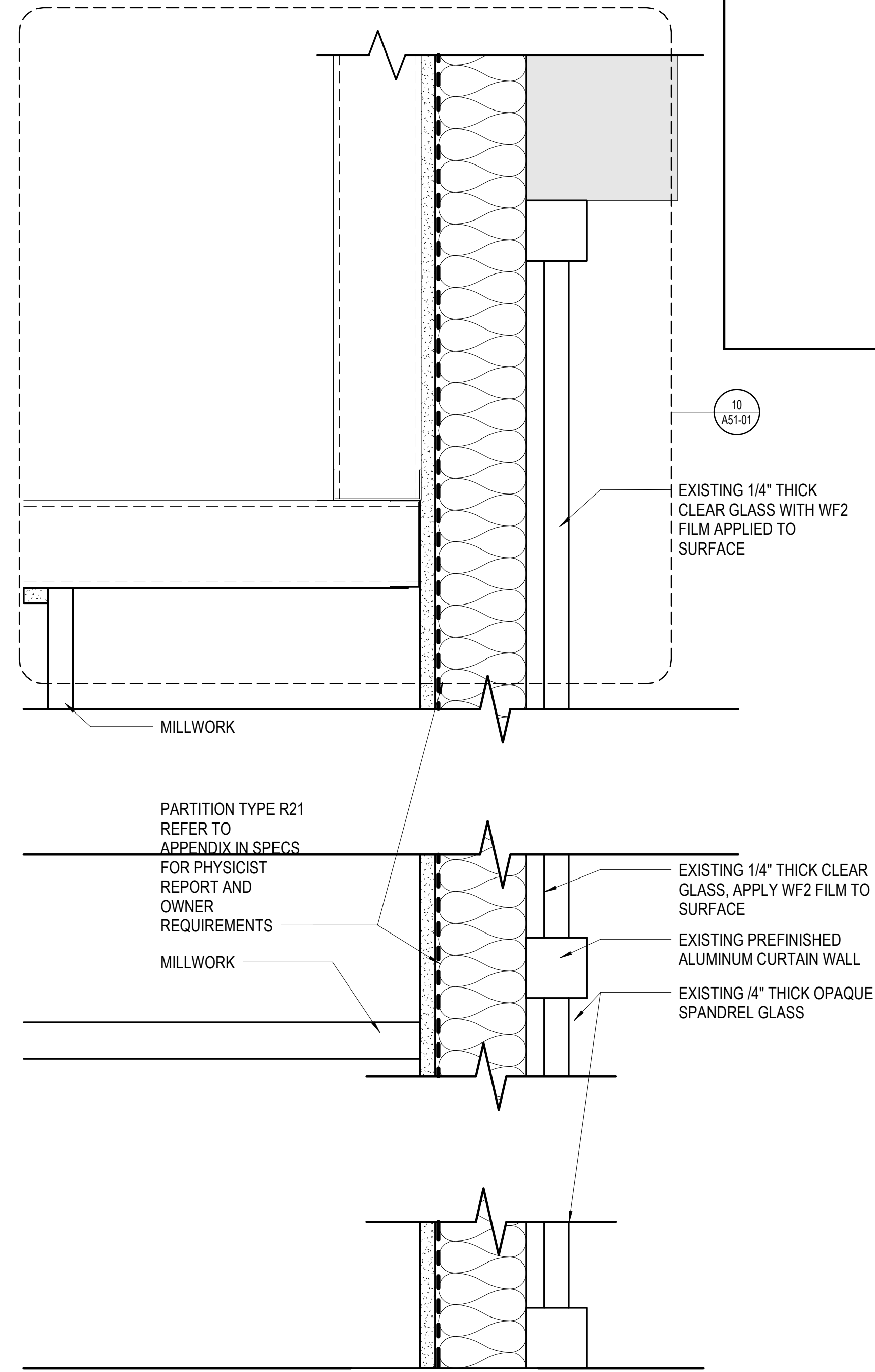
03 SECTION IN UPTAKE ROOMS
3" = 1'-0"



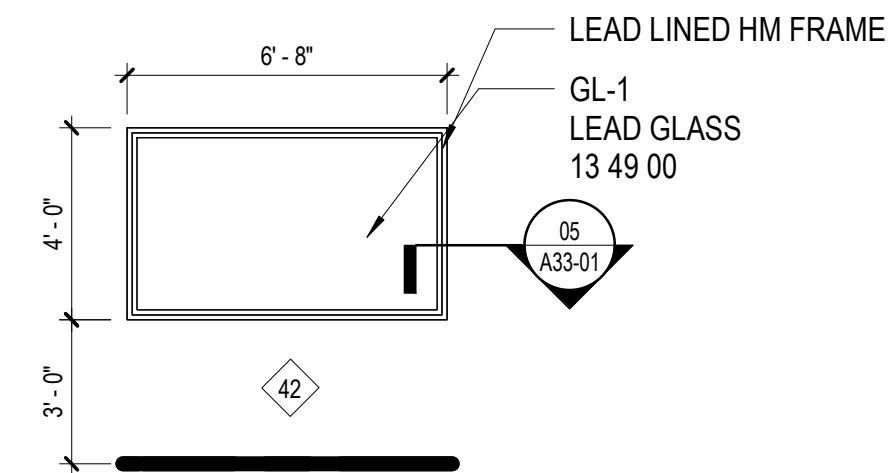
02 EXISTING SECTION AT W5
3" = 1'-0"



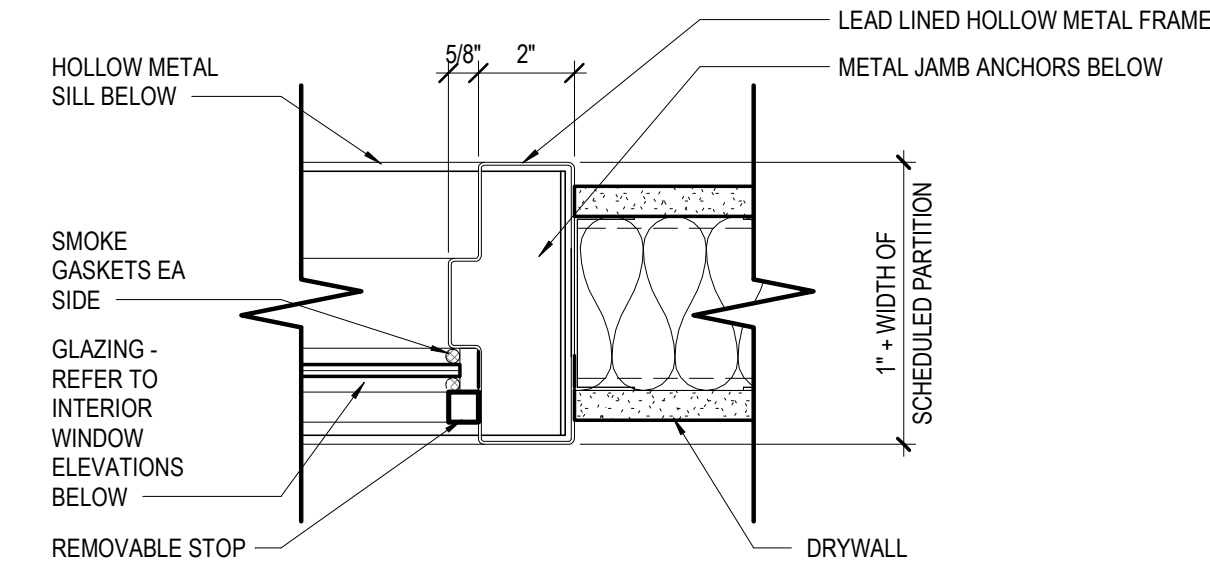
01 SECTION ALONG W4 / W5
3" = 1'-0"



INTERIOR GLAZING



05 HOLLOW METAL WINDOW - JAMB DETAIL
3" = 1'-0"



EXTERIOR GLAZING GENERAL NOTES

1. HATCHING ON ELEVATIONS ARE TO DISPLAY THE EXTENT OF THE MATERIAL ONLY. THEY ARE NOT TO SCALE.

GLAZING LEGEND

GL-X XX

GLASS SHEET COMPOSITION:

FL FLOAT GLASS
HS HEAT STRENGTHENED GLASS
FT TEMPERED GLASS
LM LAMINATED GLASS
SP SPANDREL GLASS
LE LOW-E COATING GLASS
SK TEMPERED OR LAMINATED GLASS (FOR USE ON SLOPED GLAZING)

GENERIC GLASS TYPE:

GL-1 LEAD GLASS
GL-2 LAMINATED GLASS

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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

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EXTERIOR GLAZING ELEVATIONS

SHEET NUMBER

A33-01

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TA13	BABY CHANGING STATION				
TA23C	GARMENT HOOK 48"	BOBRICK	B-6727	CFCI	ACC
TA23C	GARMENT HOOK 66", NON-ACCESSIBLE	BOBRICK	B-6727	CFCI	ACC
TASA	GIRB BAR, 30"			CFCI	ACC
TA12A	MIRROR, TOILET			CFCI	ACC
TA8A	NAPKIN DISPOSAL	BOBRICK	B-270	CFCI	ACC
TA8	SEAT-COVER DISPENSER	BOBRICK	B-221	CFCI	ACC
TA11A	SOAP DISPENSER			CFCI	ACC
TA9A	TOILET PAPER DISPENSER	BOBRICK	B-4288	CFCI	ACC
TA10D	WASTE AND AUTOMATIC TOWEL SURFACE MOUNT		B-2620	CFCI	ACC

									(COORD LOC W/ WIDTH OF SINK) 18" TO ADJACENT OBSTRUCTION LINE OF CABINET OVERHEAD 30" X 48" CLR FLOOR SPACE 30" X 48" CLR FLOOR SPACE KS1 ACC SINK 1/4" = 1'-0"
									18" TO ADJACENT OBSTRUCTION 30" X 48" CLR FLOOR SPACE 30" X 48" CLR FLOOR SPACE LV3 ACC SINGLE VANITY LAVATORY 1/4" = 1'-0"
									FLUSH CONTROL ALWAYS ON OPEN SIDE AND ALWAYS OFF CENTER. MINT @ 15" MIN TO 48" MAX AFF 56" MIN 54" 12" MAX 30" TO ADJACENT OBSTRUCTION 24" 60" X 56" CLR FLOOR SPACE 60" X 56" CLR FLOOR SPACE TAS @ WOMEN'S ONLY WC1 ACC WATER CLOSET 1/4" = 1'-0"
									30" EQ EQ 60" 60" TA4 @ WOMEN'S ONLY ST4 NON-ACC TOILET STALL 1/4" = 1'-0"

LUMBERING LAYOUT GENERAL NOTES

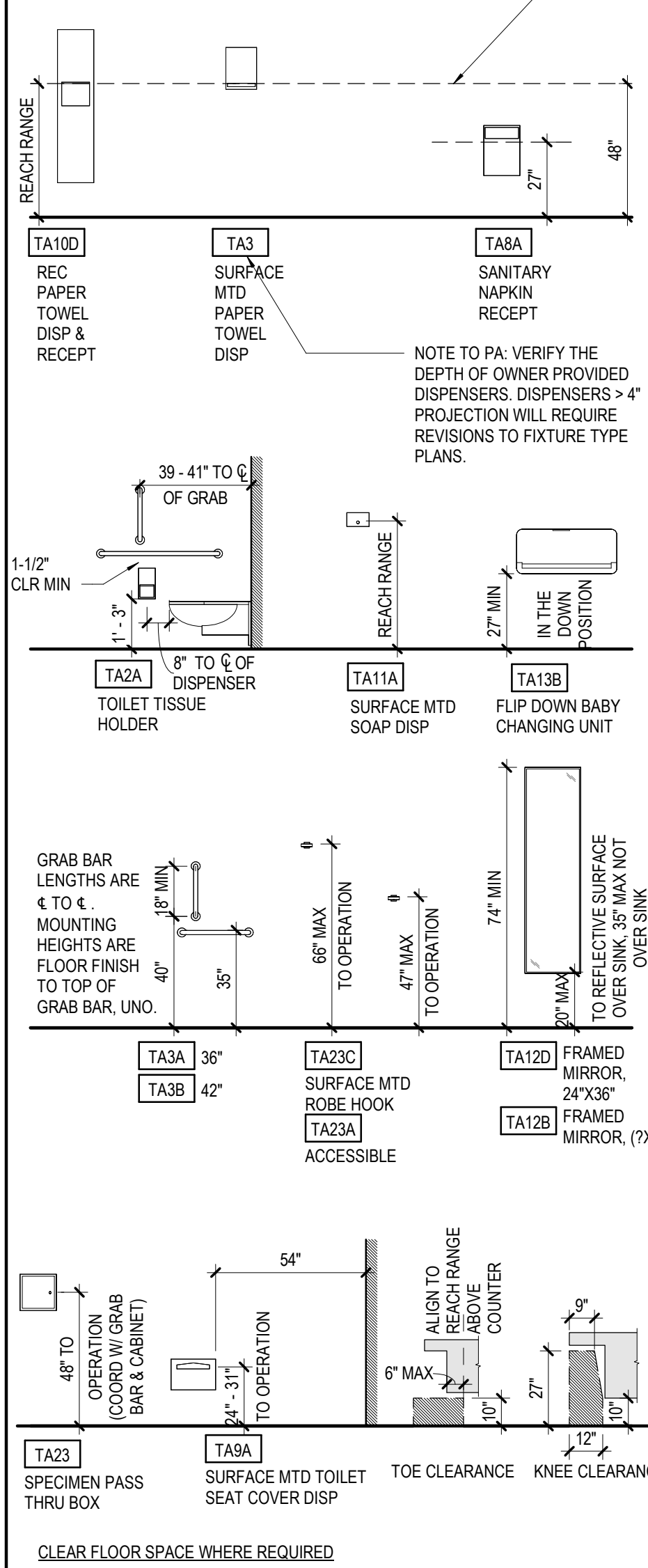
1. DIMENSIONS THAT ARE NOT STATED AS MAXIMUM OR MINIMUM IN RELATIONSHIP TO ACCESSIBILITY ARE ASSUMED TO BE ASSOLUTE.
2. WHEN A SPECIFIC RANGE IS GIVEN FOR AN ACCESSIBLE LENGTH OR HEIGHT; TOLERANCES ARE NOT ALLOWED.
3. REFER TO ARCHITECTURAL CABINET DETAILS AT ACCESSIBLE SINKS AND LAVATORIES.
4. THE TOP OF ACCESSIBLE TOILET FIXTURE SEATS SHALL BE 18" AFF (NON-ACCESSIBLE 15"). TOP RIM OF ACCESSIBLE URINALS SHALL BE 17" MAX AFF (NON-ACCESSIBLE 24").

LUMBERING LAYOUT GENERAL NOTES

5. REFER TO RECESSSED WALL CABINET CODE COMPLIANCE DETAIL FOR RECESS TOILET ACCESSORIES IN FIRE RATED WALLS.
6. USE RECESSSED ACCESSORIES ONLY WHERE PARTITIONS ARE NOT STC RATED.
7. CENTER VANITY MIRRORS AND LIGHT FIXTURES OVER THE LAVATORY, UNLESS OTHERWISE INDICATED.
8. DIMENSIONS ARE TO THE FACE OF FINISH OF THE FINAL WALL ASSEMBLY, UNLESS OTHERWISE INDICATED.
9. SOAP DISPENSERS TO BE **OWNER** FURNISHED, **CONTRACTOR** INSTALLED.
10. THE SPACE BETWEEN THE GRAB BARS AND WALL AND PROJECTING OBJECTS BELOW AND AT ENDS SHALL BE 1/2" MIN. THE SPACE BETWEEN GRAB BARS AND PROJECTING OBJECTS ABOVE SHALL BE 12" MIN EXCEPT FOR SHOWER CONTROLS. SHOWER FITTINGS AND CONTROLS SHALL BE THESE SHALL BE 1-1/2" MIN. GRAB BARS SHALL BE ONE AND ONE EIGHTH" INCHES IN DIAMETER.
11. ACCESSORIES SHALL NOT PROJECT GREATER THAN 4" INTO CIRCULATION PATH UNLESS OTHERWISE INDICATED. ACCESSORIES SHALL NOT PROJECT INTO 30"x48" CLEAR FLOOR SPACE OF ACCESSIBLE FIXTURES. ACCESSORIES MAY PROJECT INTO 60" DIAMETER CIRCLES & 42" COT TOILETS.
12. DOORS SHALL NOT SWING INTO THE MIN REQUIRED CLEAR FLOOR SPACE OF TOILETS. DOORS REPRESENTED AS DASHED HINGED DOORS SHALL USE TOILET ROOMS WITH 30"x48" CLEAR FLOOR SPACE BEYOND THE DOOR SWING.
13. INCLUDING DISPENSERS, NO OBSTRUCTIONS ARE ALLOWED WITHIN 15" OF THE CENTERLINE OF TOILETS, URINALS, SINKS AND LAVATORIES.
14. IN THE 06" OF CIRCULATION TOILET ACCESSORIES WITH LEADING EDGES ABOVE 27" AFF MUST NOT PROJECT HORIZONTALLY MORE THAN 4".
15. NO PAPER TOWEL OR SOAP DISPENSERS ARE ALLOWED WITHIN THE ACCESSIBLE TOILET CLEAR FLOOR AREAS OF SINGLE USER TOILETS.

TOILET ACCESSORIES LEGEND & MOUNTING HEIGHTS

<u>REACH RANGE (RR) TO OPERATION</u> RR: $\leq 48"$ AFF WHERE $< 20"$ COUNTER DEPTH RR: $\leq 44"$ AFF WHERE $20"-25"$ COUNTER DEPTH RR: $42"$ AFF WHERE NO COUNTERTOP, UNO.	NOTE TO PA: BOTTOM OF PROJECTIONS $> 4"$, DEPTH MUST BE $< 27"$ AFF IF IN A CIRCULATION PATH.
--	--



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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

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KEYPLANS

ISSUE CHARACTERISTICS

MARK	ISSUE	DATE
Job Number		144090.00

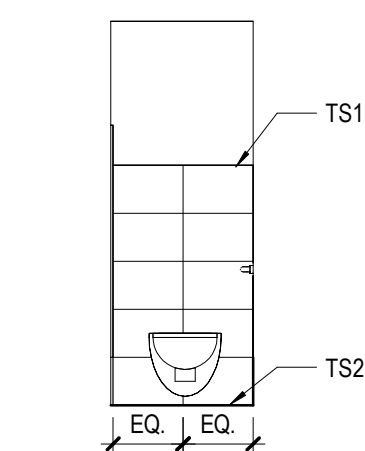
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ENLARGED PLUMBING LAYOUTS AND MOUNTING HEIGHTS

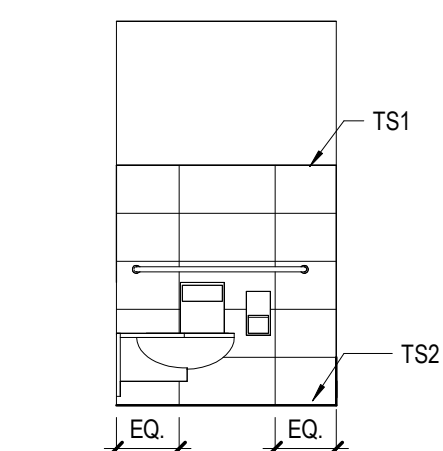
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A43-01

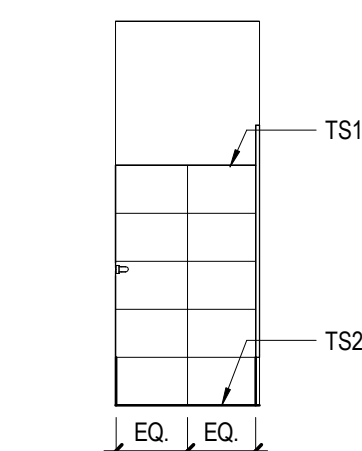
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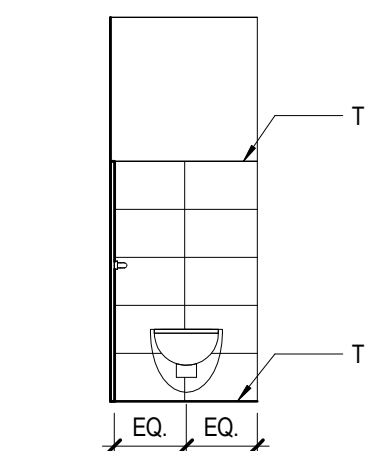
13 UPTAKE 163 TOILET - NORTH
1/4" = 1'-0"



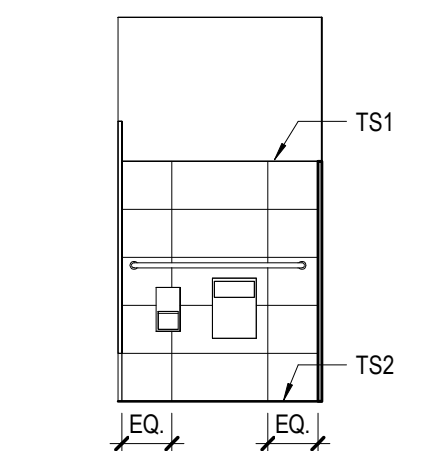
12 UPTAKE 163 TOILET - EAST
1/4" = 1'-0"



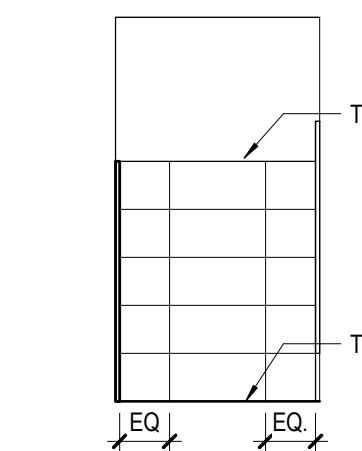
11 UPTAKE 163 TOILET - SOUTH
1/4" = 1'-0"



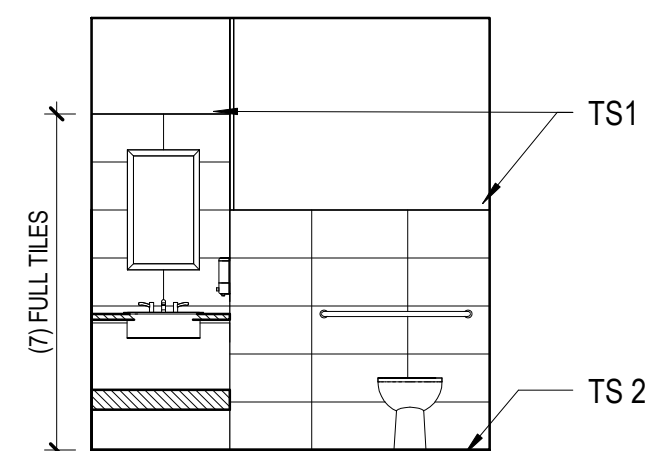
9 UPTAKE 164 TOILET - NORTH
1/4" = 1'-0"



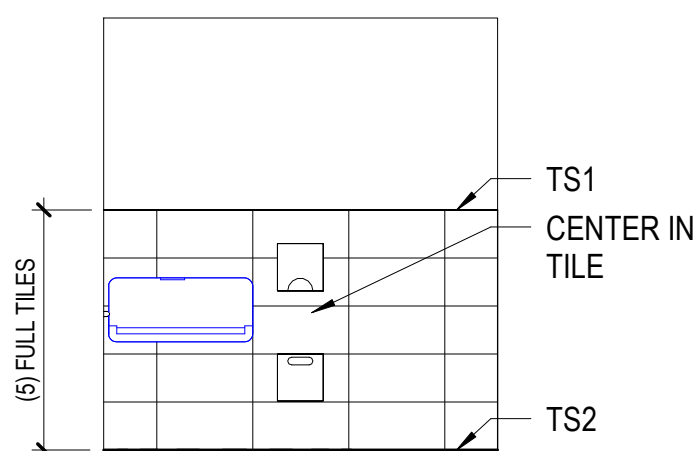
8 UPTAKE 164 TOILET - EAST
1/4" = 1'-0"



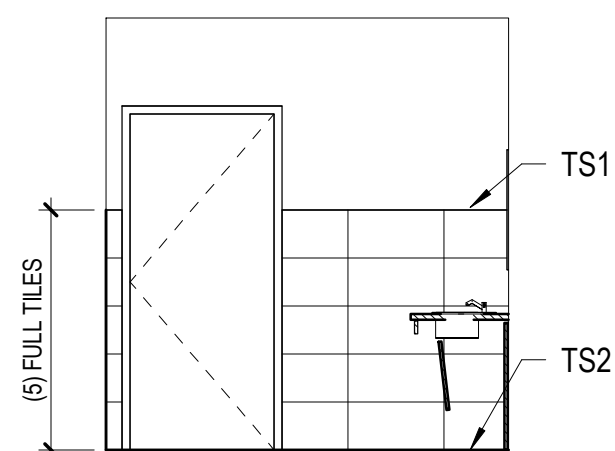
7 UPTAKE 164 TOILET - SOUTH
1/4" = 1'-0"



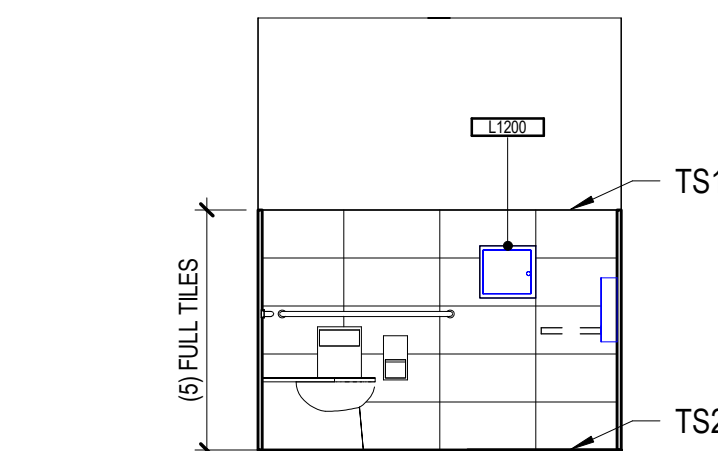
5 TOILET - EAST
1/4" = 1'-0"



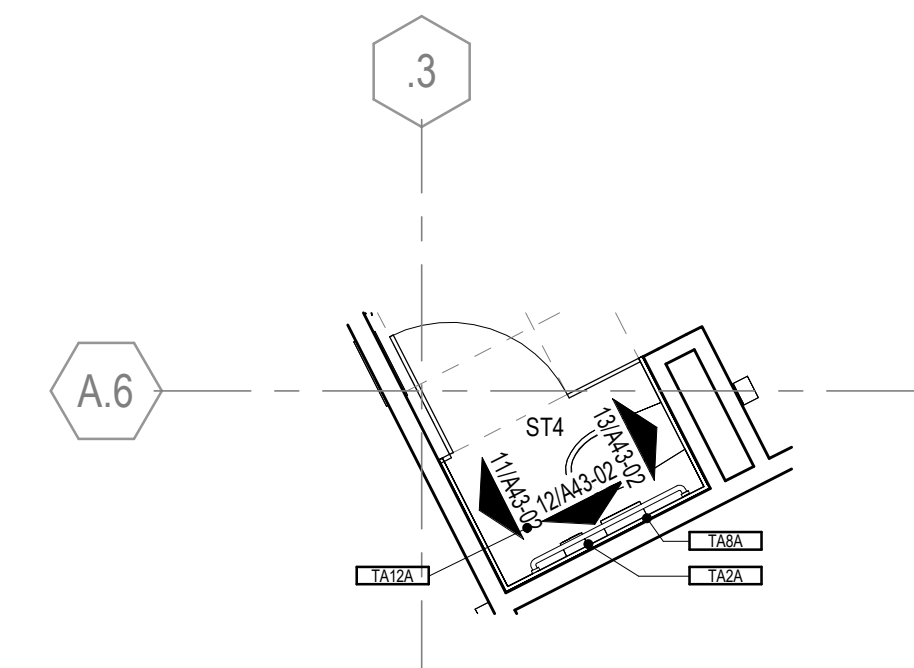
4 TOILET - WEST
1/4" = 1'-0"



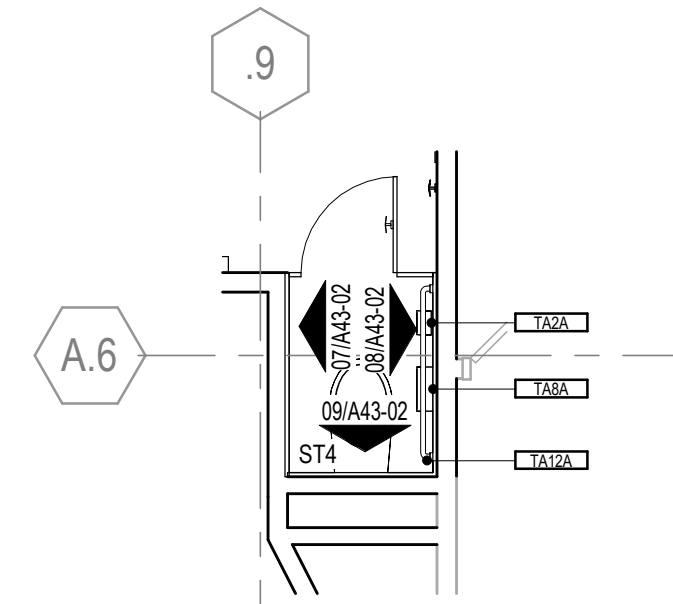
3 TOILET - NORTH
1/4" = 1'-0"



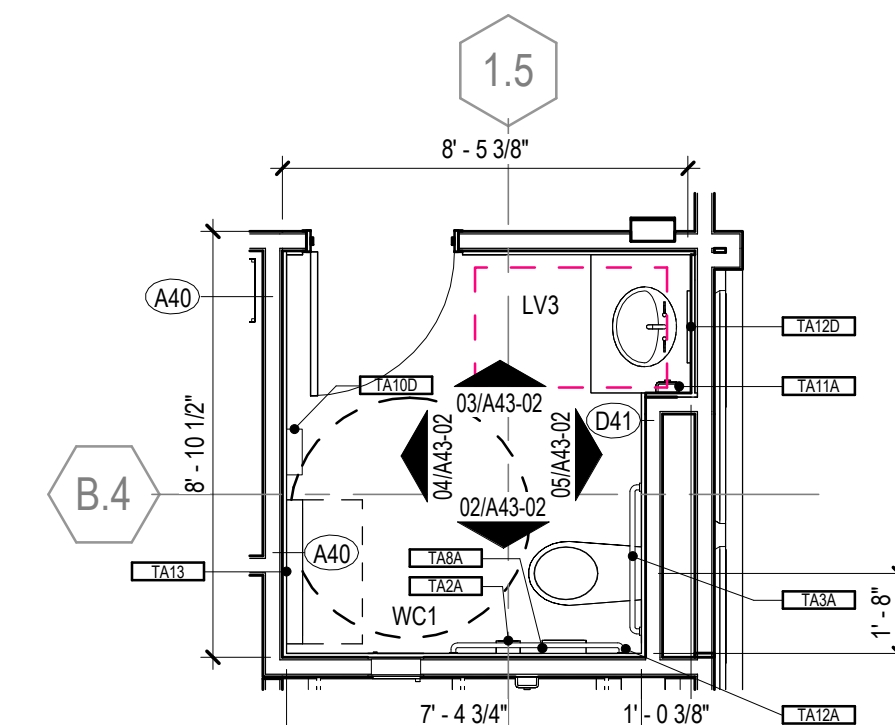
2 TOILET - SOUTH
1/4" = 1'-0"



10 ENLARGED FLOOR PLAN - UPTAKE 163 STALL
1/4" = 1'-0"

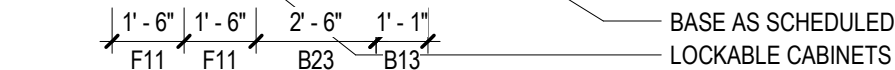


6 ENLARGED FLOOR PLAN - UPTAKE 164 STALL
1/4" = 1'-0"

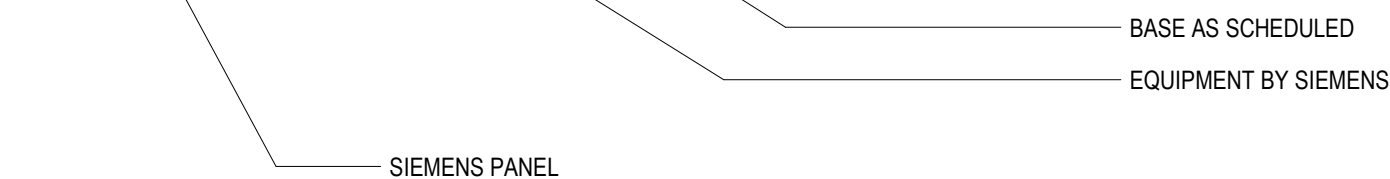


1 ENLARGED FLOOR PLAN - TOILET
1/4" = 1'-0"

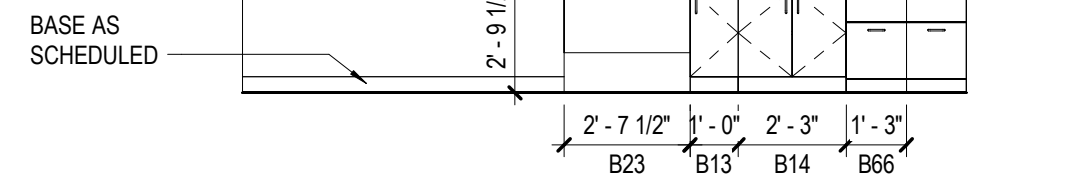




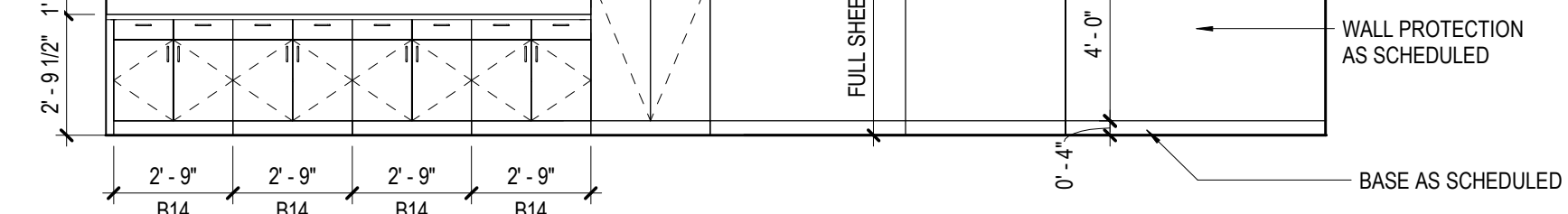
06 UPTAKE ROOM - NORTH
1/4" = 1'-0"



05 PET CONTROL STATION - WEST
1/4" = 1'-0"



04 PET CONTROL - EAST
1/4" = 1'-0"



03 PET SCANNER - SOUTH
1/4" = 1'-0"



02 UPTAKE ROOM PLAN
1/4" = 1'-0"

01 ENLARGED PLANS - PET SCANNER AND PET CONTROL ROOM
1/4" = 1'-0"

ENLARGED PLAN
GENERAL NOTES

ENLARGED PLAN NOTES BY NUMBER

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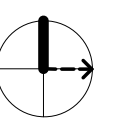


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PROJECT

**UNT Health Imaging
PET Addition**
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ISSUE CHART

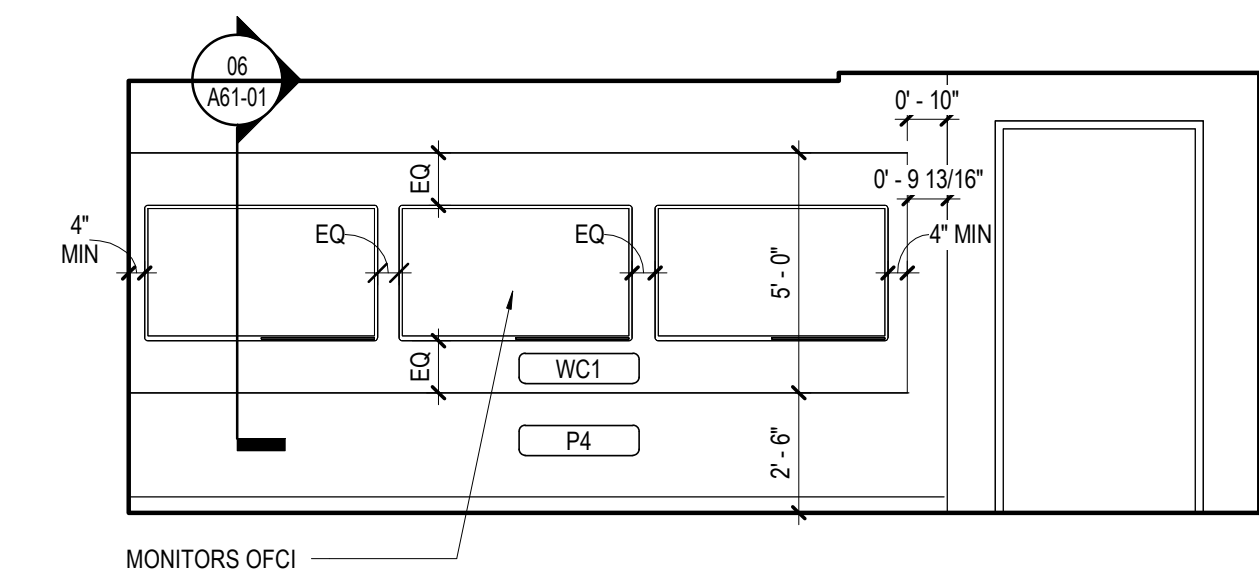
MARK	ISSUE	DATE
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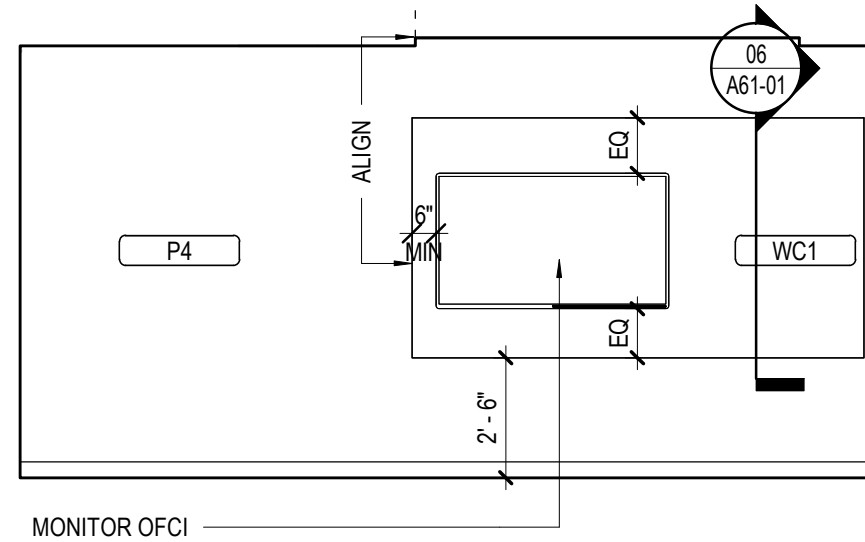
**ENLARGED PLANS
AND ELEVATIONS -
LEVEL 01**

SHEET NUMBER

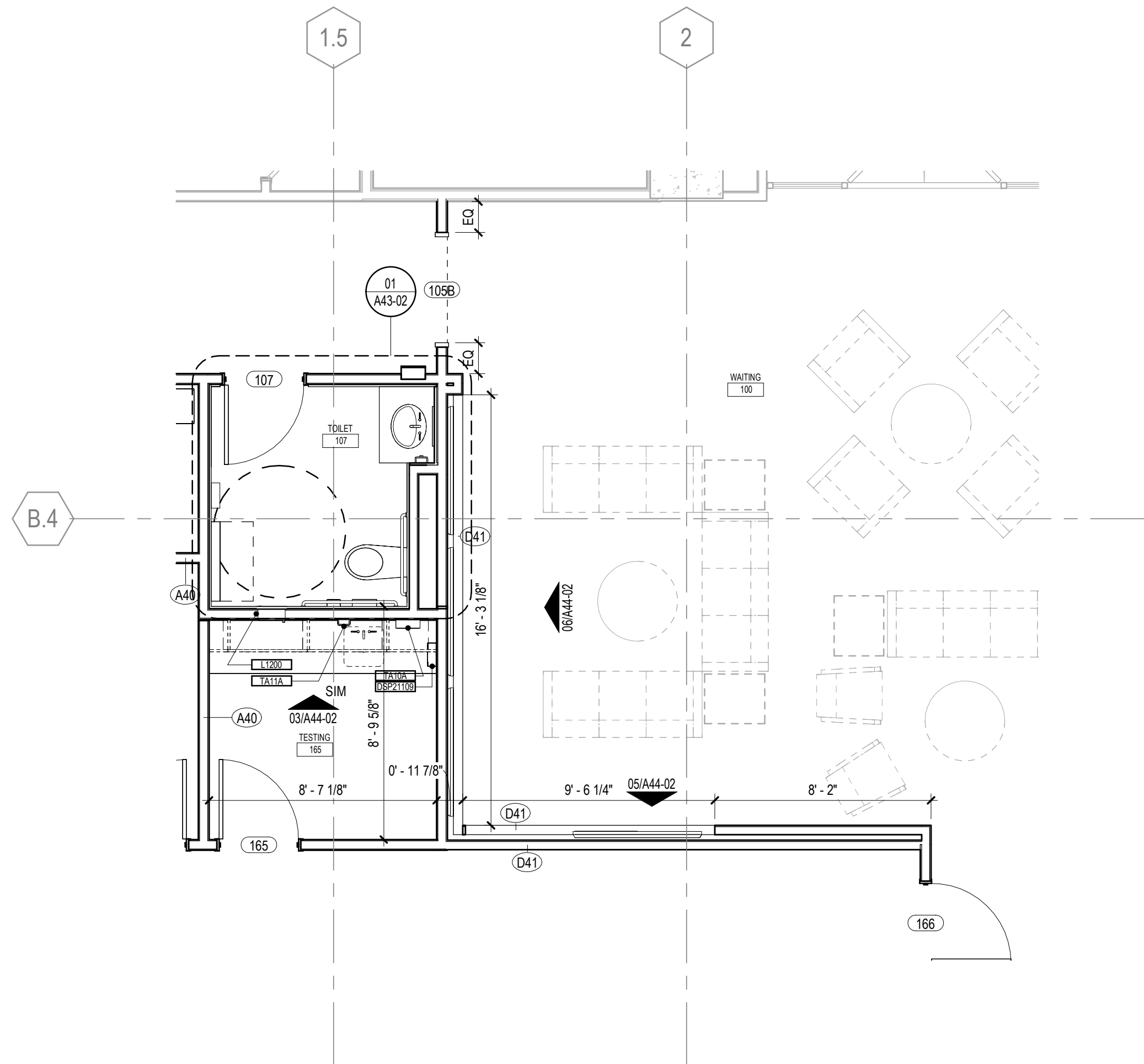
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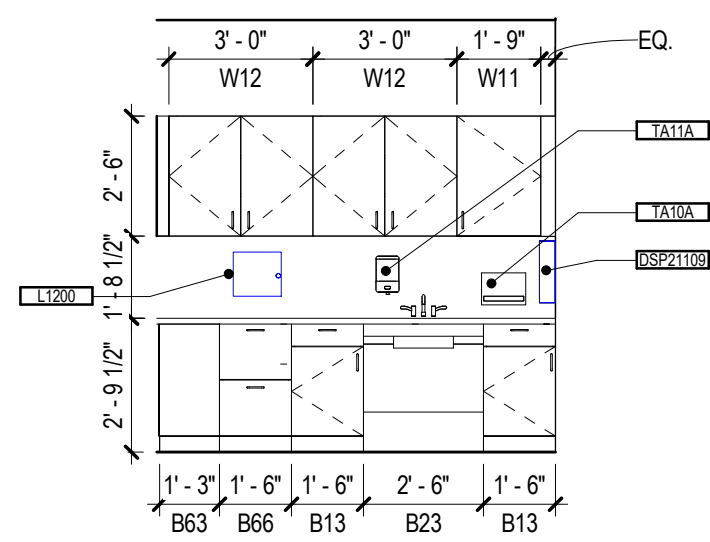
06 WAITING ROOM - WEST
1/4" = 1'-0"



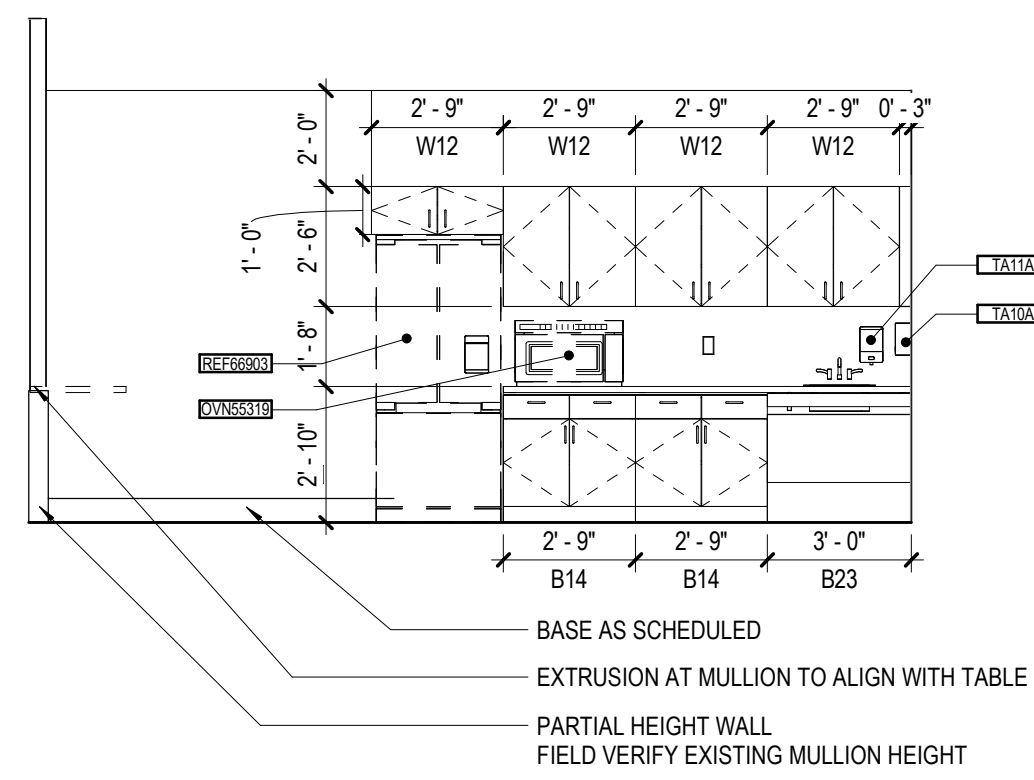
05 WAITING ROOM - SOUTH
1/4" = 1'-0"



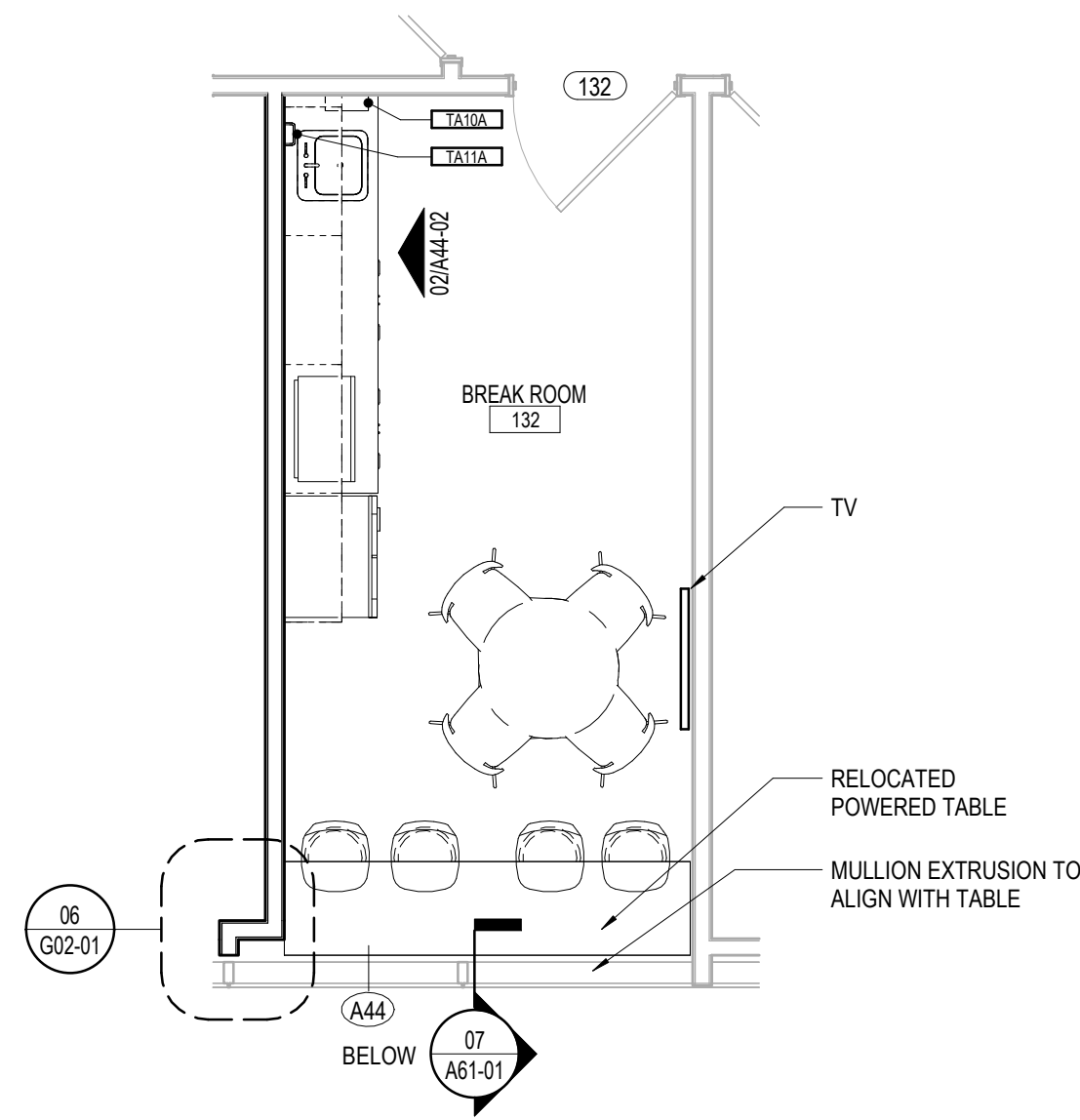
04 ENLARGED PLANS - WAITING ROOM
1/4" = 1'-0"



03 TESTING WEST ELEVATION
1/4" = 1'-0"



02 BREAK ROOM WEST ELEVATION
1/4" = 1'-0"



01 BREAK ROOM ENLARGED PLAN
1/4" = 1'-0"

ENLARGED PLAN GENERAL NOTES

ENLARGED PLAN NOTES BY NUMBER

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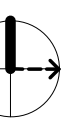


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ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

ENLARGED PLANS
AND ELEVATIONS -
LEVEL 01

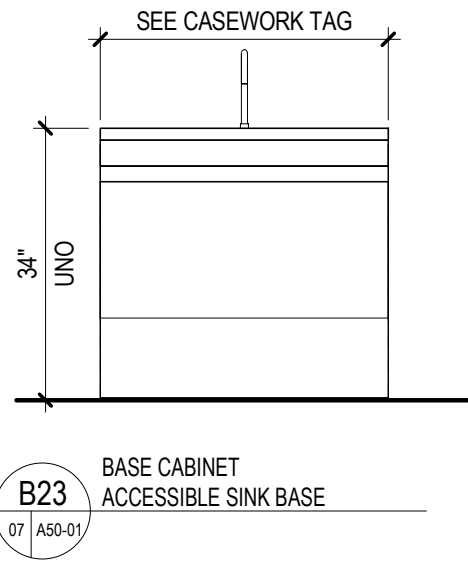
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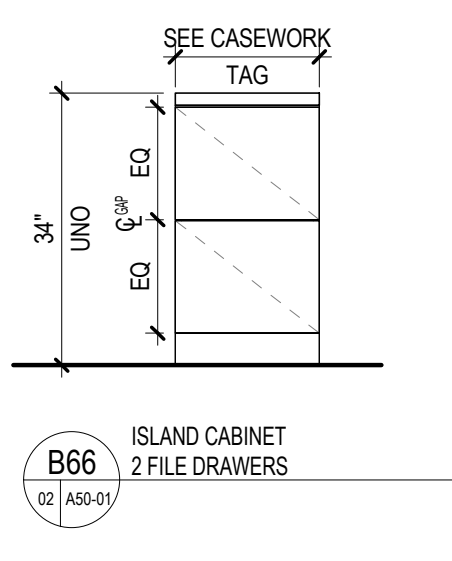
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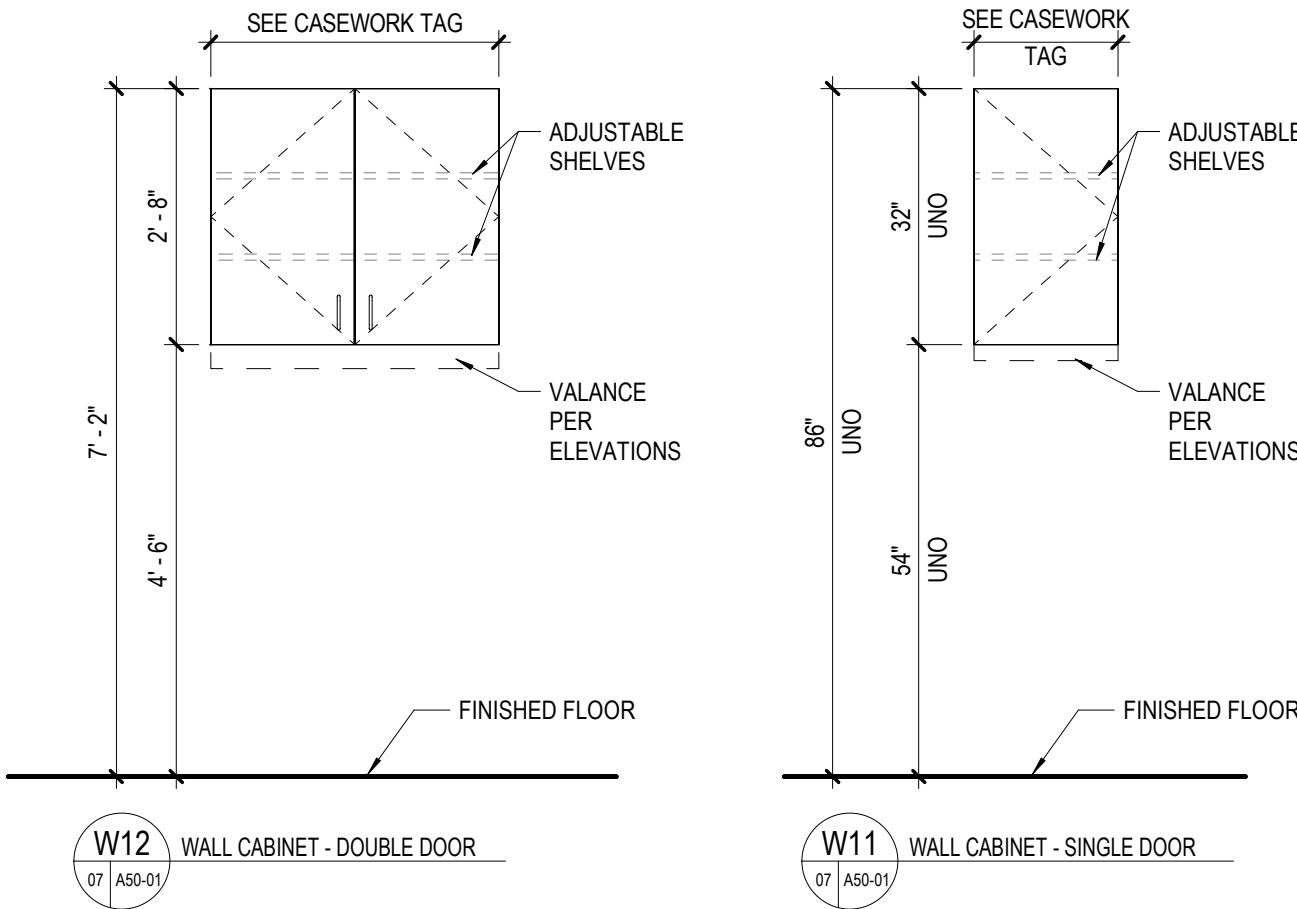
BASE CABINETS WITH SINK



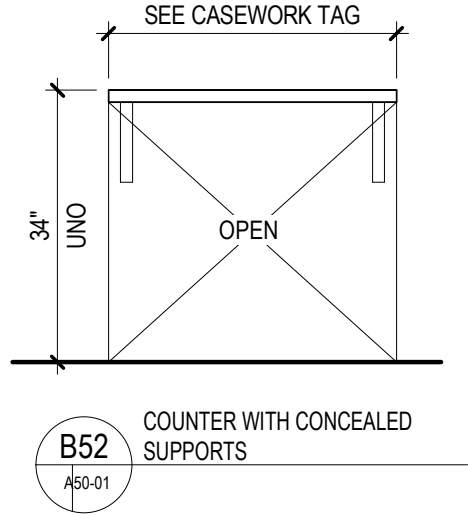
BASE CABINETS WITH DRAWERS



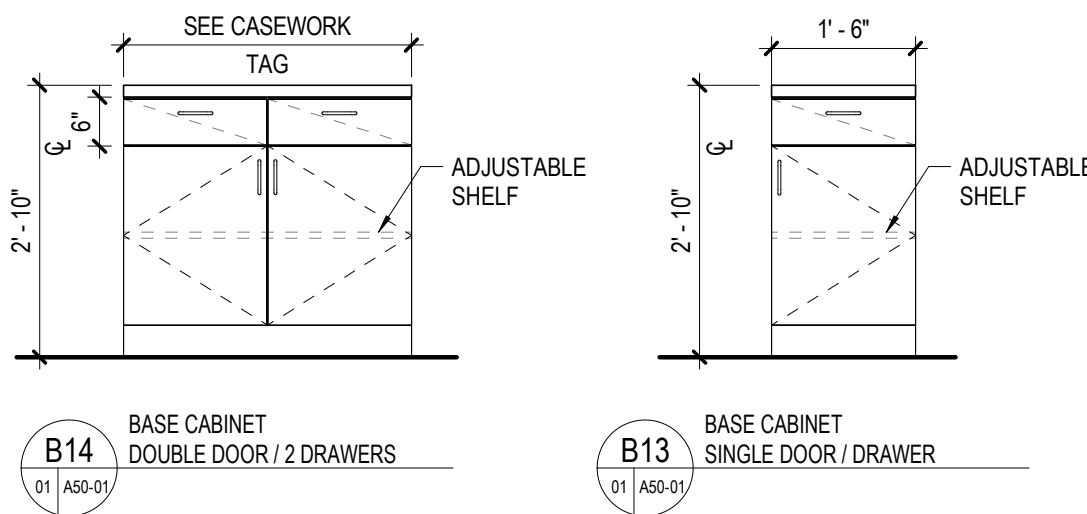
WALL CABINETS WITH DOORS



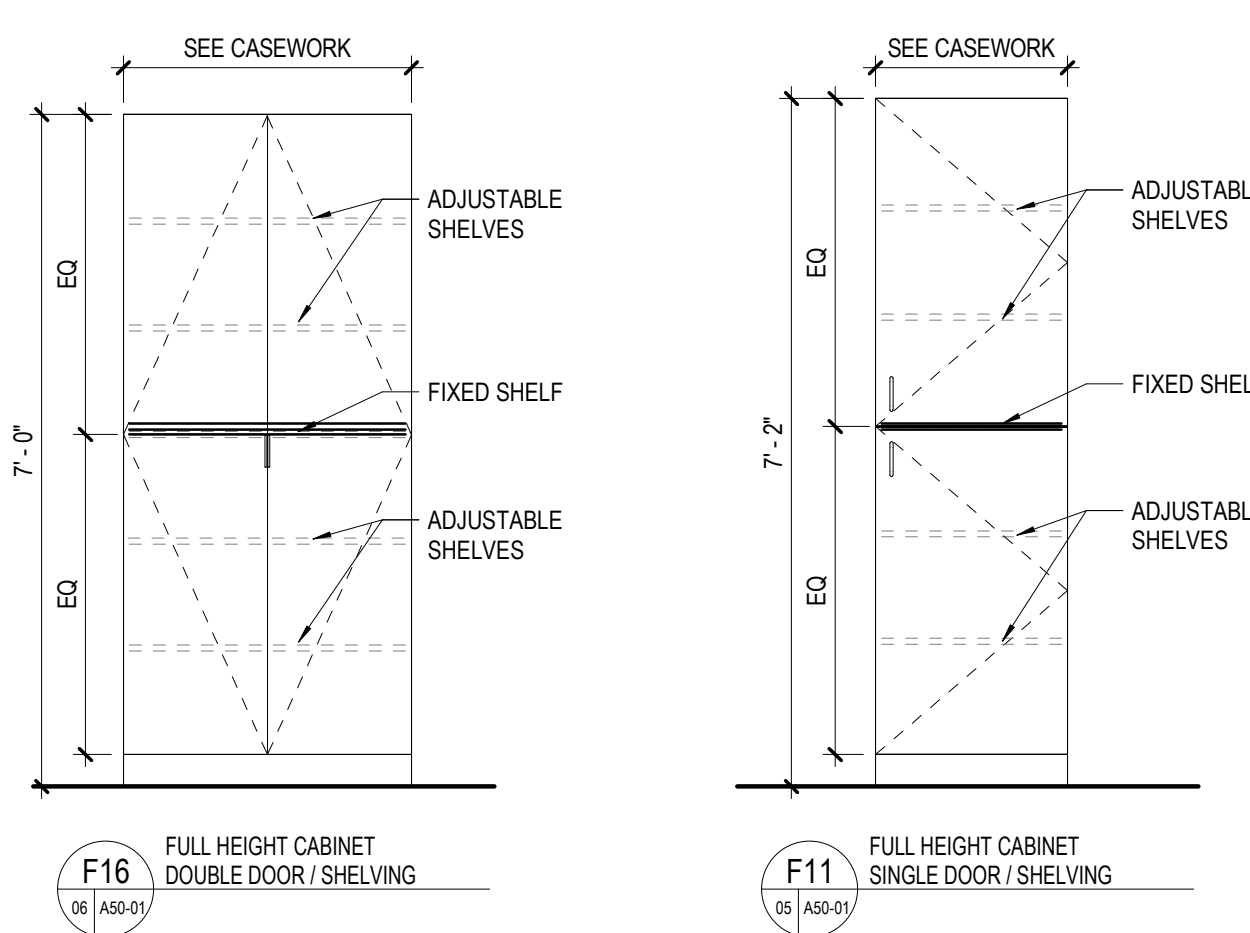
OPEN COUNTERS



BASE CABINETS WITH DOORS



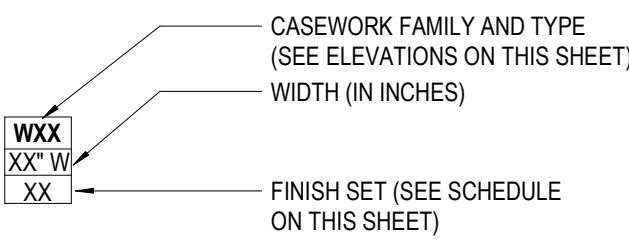
FULL HEIGHT CABINETS



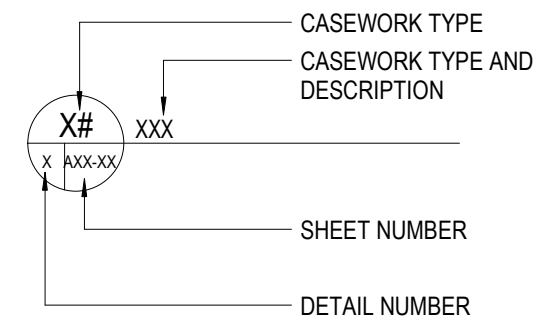
CASEWORK GENERAL NOTES

- GENERAL:
- THE CASEWORK TYPES SHOWN ON THIS SHEET REPRESENT THE STANDARD TYPES WHICH FREQUENTLY OCCUR IN PROJECTS OF THIS NATURE. SOME TYPES MAY NOT BE USED.
 - REFER TO A50-01 FOR TYPICAL CASEWORK SECTIONS.
 - THE 'CASEWORK TAG' SYMBOLS SPECIFYING THE PARTICULAR MODULES ARE SHOWN ON THE INTERIOR ELEVATIONS.
 - FOR SPECIAL CASEWORK CONFIGURATIONS AND/ OR COMPONENTS REFER TO THE INTERIOR ELEVATIONS.
 - REFER TO THE 'CASEWORK TAG' SHOWN IN THE INTERIOR ELEVATIONS FOR SCHEDULED FINISH MATERIALS.
 - FIELD VERIFY DIMENSIONS BEFORE CABINET FABRICATION. NOTIFY ARCHITECT OF CONFLICTS AND DISCREPANCIES PRIOR TO FABRICATION.
 - PROVIDE NECESSARY BACKING, BLOCKING AND OTHER STRUCTURAL SUPPORT.
 - VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER-FURNISHED EQUIPMENT LOCATED WITHIN OR ADJACENT TO ANY CABINETS.
 - COORDINATE INSTALLATION OF SINKS WITH ASSOCIATED PIPING, PIPE FITTINGS, AND ACCESSIBLE COVER PANELS.
 - REQUIRED SCRIBES AND FILLER PIECES SHALL BE INSTALLED TO ALLOW PROPER OPERATION OF DOORS AND DRAWERS. SCRIBES AND FILLER PIECES SHALL BE 3" WIDE MAX AND EVENLY DISTRIBUTED ALONG EACH RUN OF CABINETS. REFER TO THE PLAN DETAIL FOR INSIDE CORNER CONDITION.
 - WHERE BASE CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE WALL MOUNTED LEDGERS TO SUPPORT COUNTERTOP AT CORNERS. WHERE UPPER CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE HORIZONTAL FILLER PANEL FLUSH WITH BOTTOM OF CABINETS.
 - PROVIDE PLASTIC SCREW COVERS TO CONCEAL SCREW HEADS AT ALL SEMI-EXPOSED CABINET SURFACES. ALL EXPOSED SCREWS SHALL BE CO-INTERFUNK.
 - CORE MATERIAL FOR SHELVING GREATER THAN 30" WIDE SHALL BE 1" THICK.
 - REFERENCE PLUMBING LAYOUTS AND/OR INTERIOR ELEVATIONS FOR TOILET ACCESSORY LEGEND AND MOUNTING HEIGHTS.
 - ALL VERTICAL JOINTS BETWEEN CABINETS SHALL BE BUTT JOINTS. THEY SHALL LOOK SEAMLESS AND COVERED IN PLASTIC LAMINATE.
 - PROVIDE FILLER PANELS AS NEEDED BETWEEN BUILT-IN APPLIANCES AND ADJACENT CABINETS OR WALLS.
 - VERIFY LOCATIONS OF MEP DEVICES. MEP DEVICES TO BE FULLY OPERATIONAL WHEN THE MILLWORK IS SET. COORDINATE WITH ALL TRADES.

CASEWORK TAG



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PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	
TITLE		

ARCHITECTURAL
CABINET ELEVATIONS

SHEET NUMBER

A50-00

1. THE CASEWORK TYPES SHOWN ON THIS SHEET REPRESENT THE STANDARD TYPES WHICH ARE MOST FREQUENTLY OCCUR IN PROJECTS OF THIS NATURE. SOME TYPES MAY NOT BE USED.
2. REFER TO A50-11 FOR TYPICAL CASEWORK SECTIONS.
3. THE CASEWORK TAG SYMBOLS SPECIFYING THE PARTICULAR MODULES ARE SHOWN ON THE INTERIOR ELEVATIONS.
4. FOR SPECIAL CASEWORK CONFIGURATIONS AND/OR COMPONENTS REFER TO THE INTERIOR ELEVATIONS.
5. REFER TO THE CASEWORK TAG SHOWN IN THE INTERIOR ELEVATIONS FOR SCHEDULED FINISH MATERIALS.
6. FIELD VERIFY DIMENSIONS BEFORE CABINET FABRICATION. NOTIFY ARCHITECT OF CONFLICTS AND DISCREPANCIES PRIOR TO FABRICATION.
7. PROVIDE NECESSARY BACKING, BLOCKING AND OTHER STRUCTURAL SUPPORT.
8. VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER-FURNISHED EQUIPMENT LOCATED WITHIN OR ADJACENT TO ANY CABINETS.
9. COORDINATE INSTALLATION OF SINKS WITH ASSOCIATED PIPING, PIPE FITTINGS, AND ACCESSIBLE COVER PANELS.
10. REQUIRED DOORBES AND FILLER PIECES SHALL BE INSTALLED TO ALLOW PROPER OPERATION OF DRIBBLES AND DRAWERS. SCRIBES AND FILLER PIECES SHALL BE 3" WIDE MAX AND EVENLY DISTRIBUTED ALONG EACH RUN OF CABINETS. REFER TO 11.10.1.1 FOR ALL INSIDE CORNER CONDITIONS.
11. UPPER BASE CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE WALL MOUNTED LEADERS TO SUPPORT COUNTERTOP AT CORNERS. WHERE LOWER BASE CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE HORIZONTAL FILLER PANEL FLUSH WITH BOTTOM OF CABINETS.
12. PROVIDE PLASTIC SCREW COVERS TO CONCEAL SCREW HEADS AT ALL SEMI-EXPOSED CABINET SURFACES. ALL EXPOSED SCREWS SHALL BE COUNTERSUNK.
13. CORE MATERIAL FOR SHELVING GREATER THAN 30" WIDE SHALL BE 1" THICK.
14. REFERENCE PUMPING LAYOUTS AND/OR INTERIOR ELEVATIONS FOR TOILET ACCESSIBILITY LEGEND AND MOUNTING HEIGHTS.
15. ALL VERTICAL JOINTS BETWEEN CABINETS SHALL BE BUTT JOINTS. THEY SHALL LOOK SEAMLESS AND COVERED IN PLASTIC LAMINATE.
16. PROVIDE FILLER PANELS AS NEEDED BETWEEN BUILT-IN APPLIANCES AND ADJACENT CABINETS OR WALLS.

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02/13/2026

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PET Addition**
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

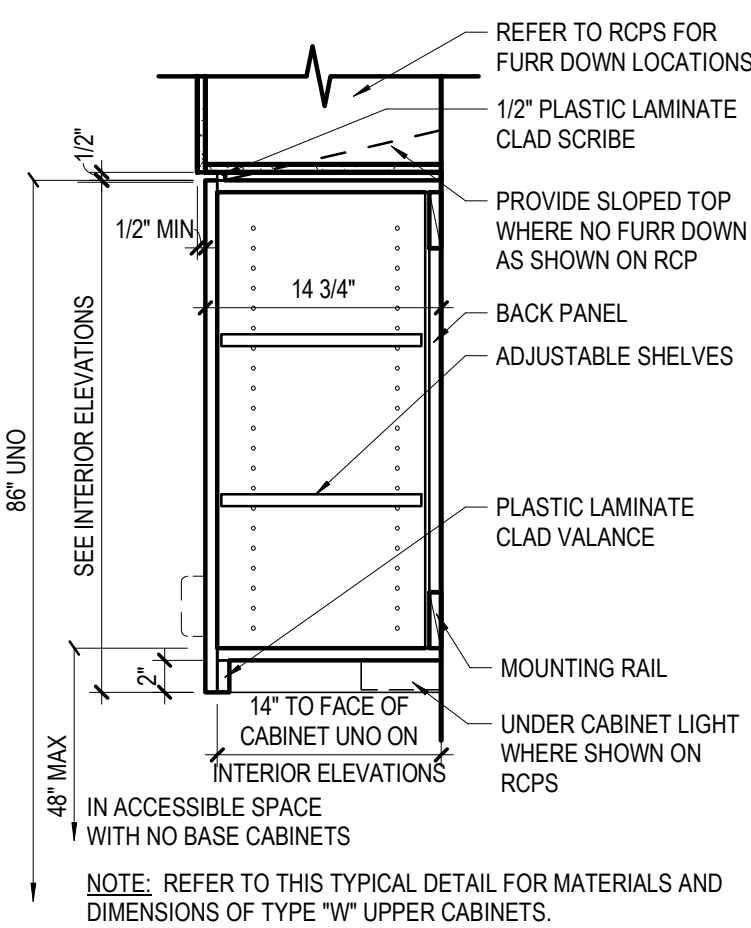
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ARCHITECTURAL CABINETS AND COUNTERTOPS

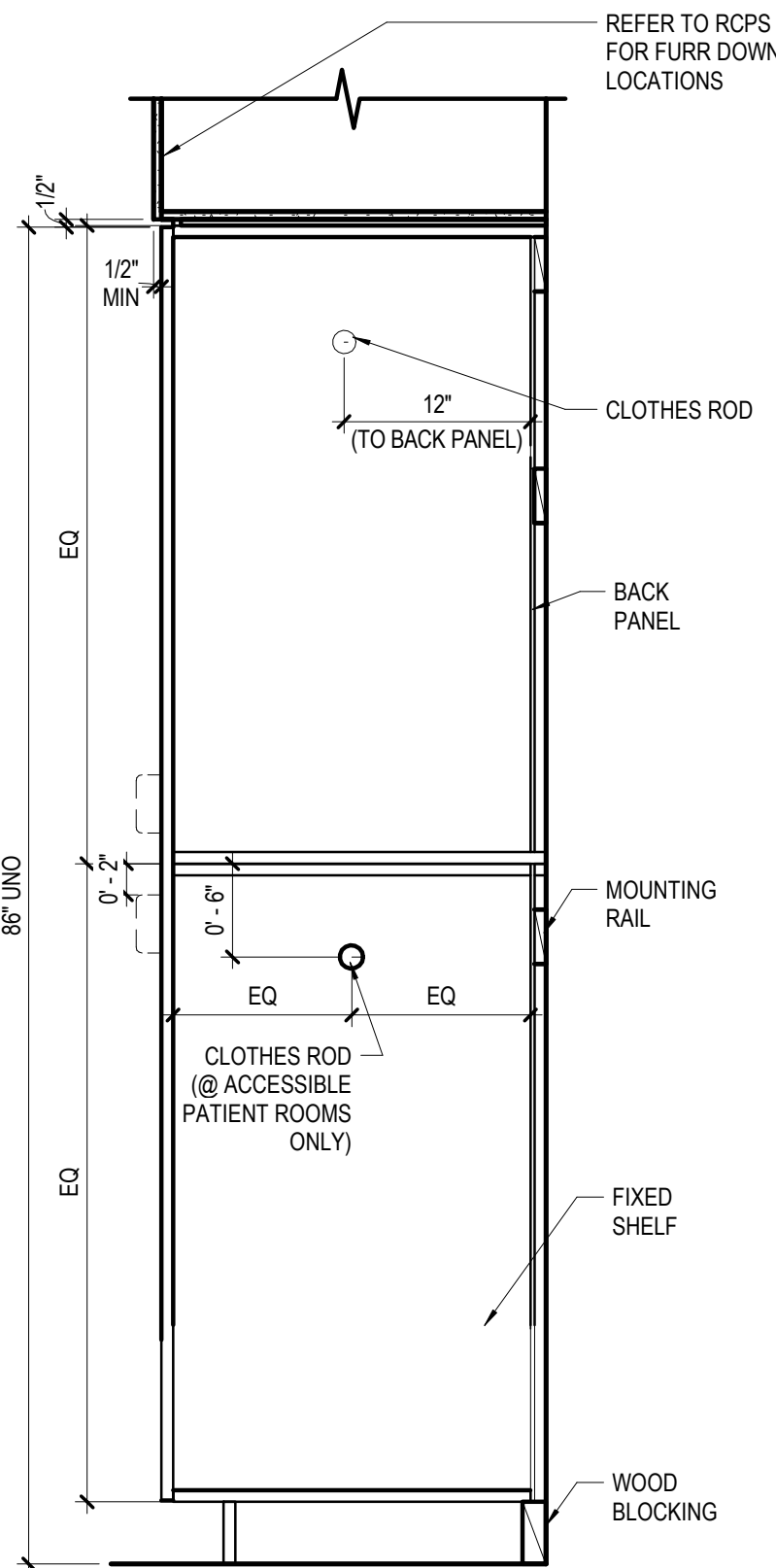
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A50-01

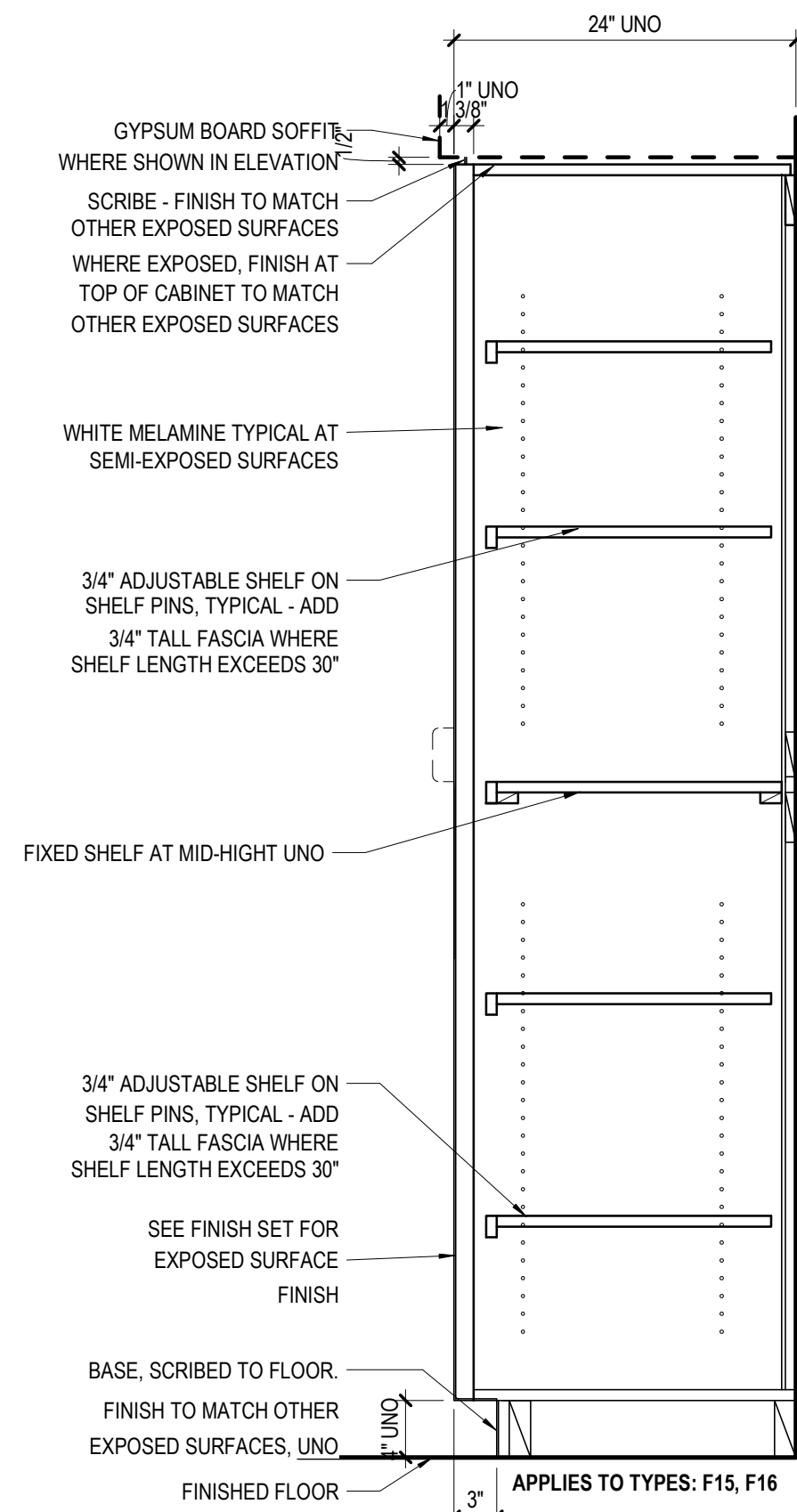
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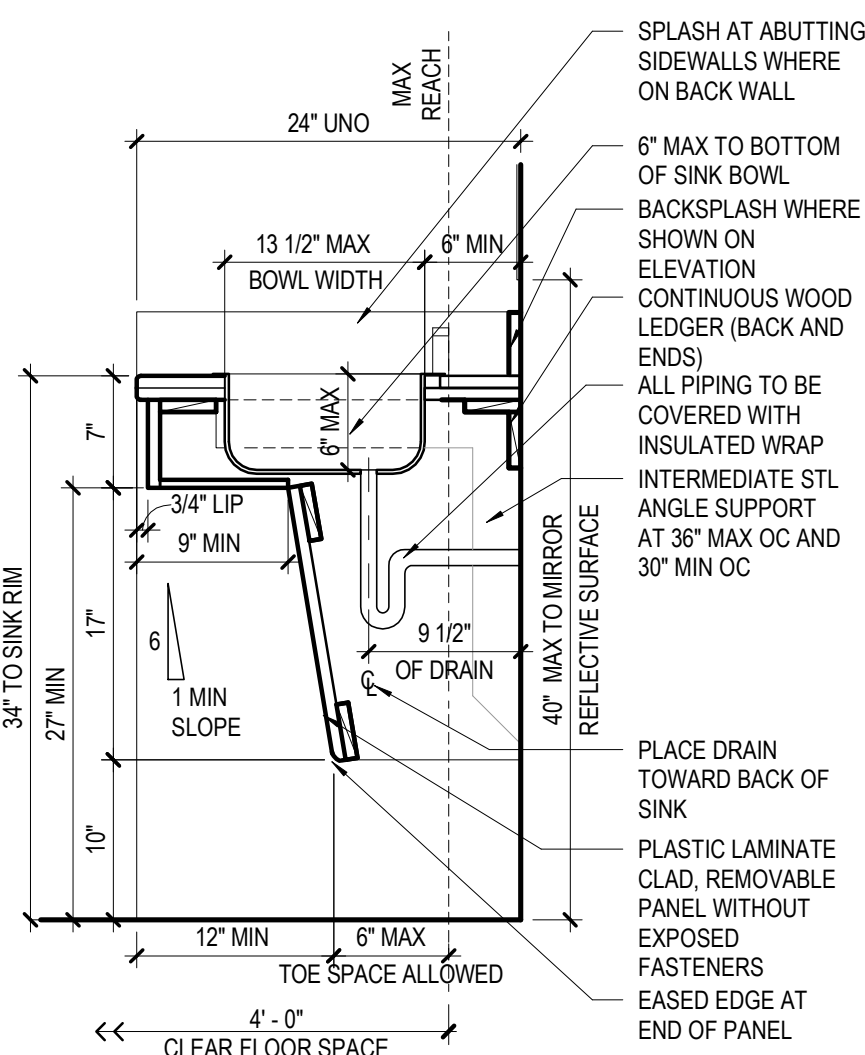
07 UPPER CABINET "W11/W12"
1" = 1'-0" | WITH DOORS & ADJUSTABLE SHELVES



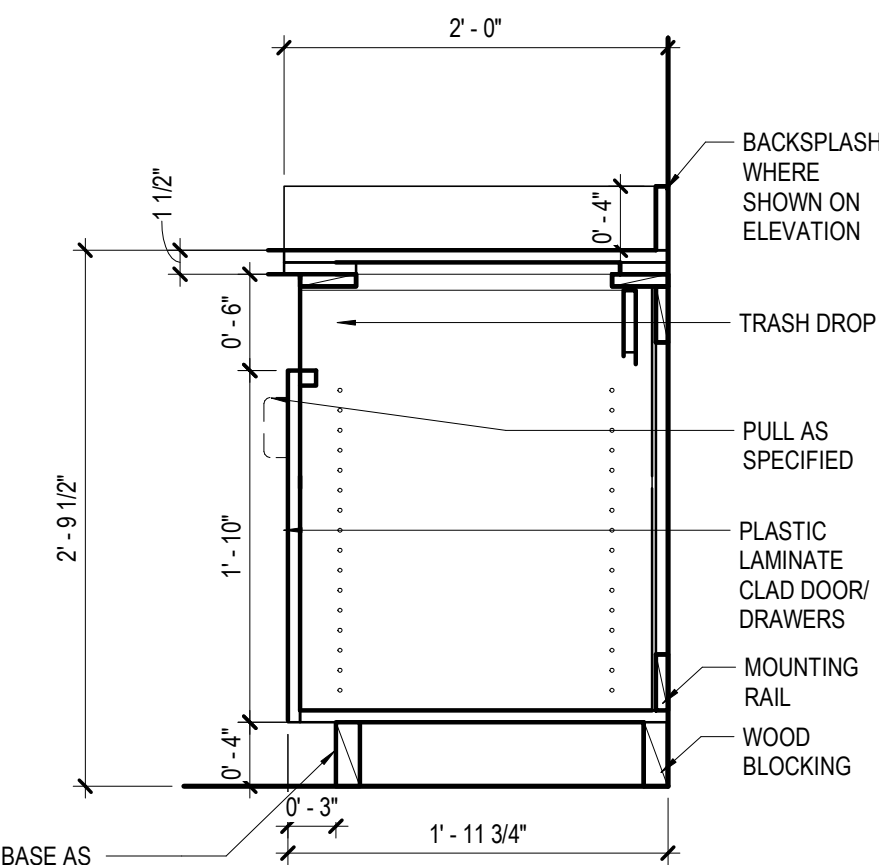
06 FULL HEIGHT CABINET "F11"
1" = 1'-0" | FULL-HEIGHT LOCKABLE



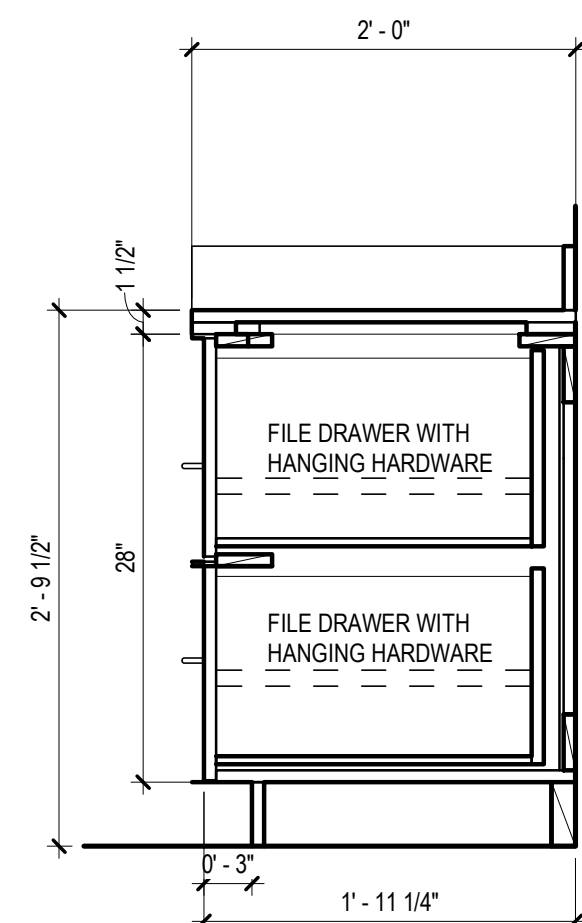
05 FULL HEIGHT CABINET "F16"
1" = 1'-0" | FULL-HEIGHT WITH ADJUSTABLE SHELVES



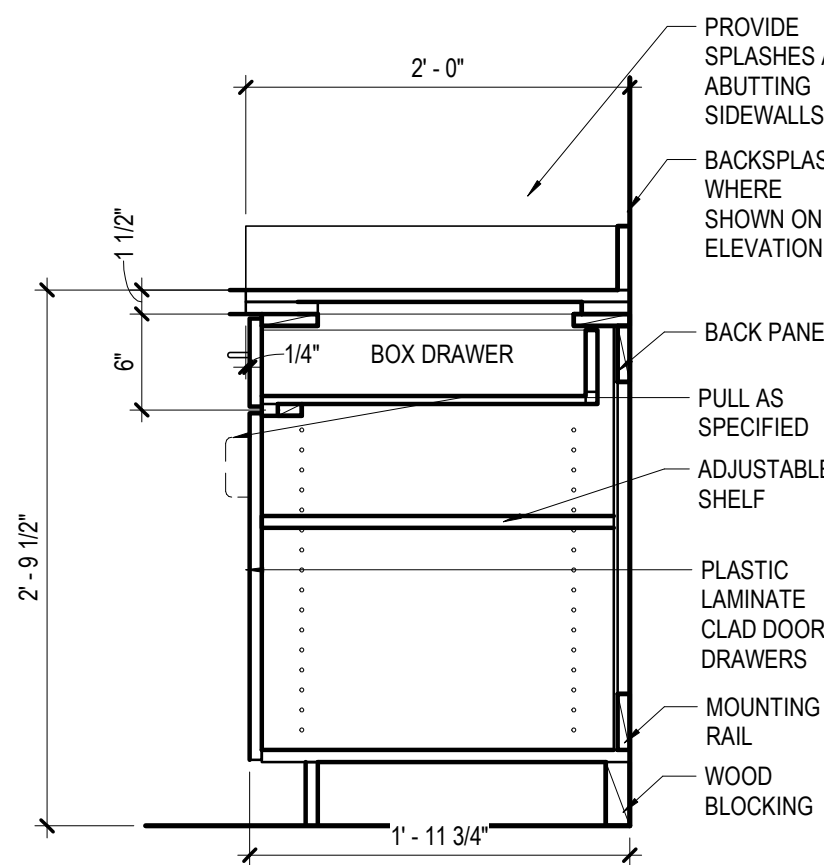
04 ACCESSIBLE SINK



03 BASE CABINET "B13/B14"
1" = 1'-0" | WITH DOOR & OPEN TOP

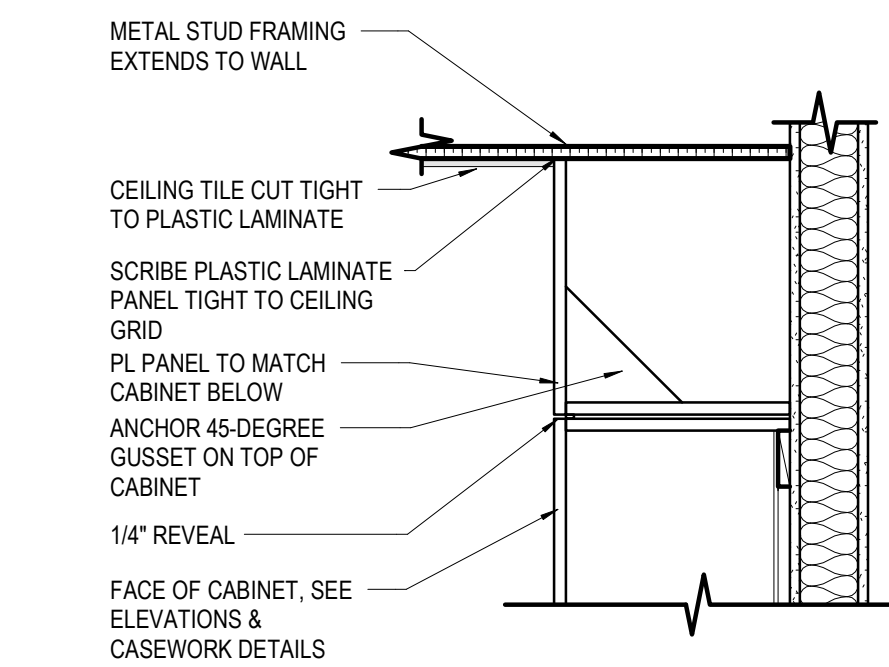


02 BASE CABINET "B66"
1" = 1'-0" | 2 FILE DRAWERS

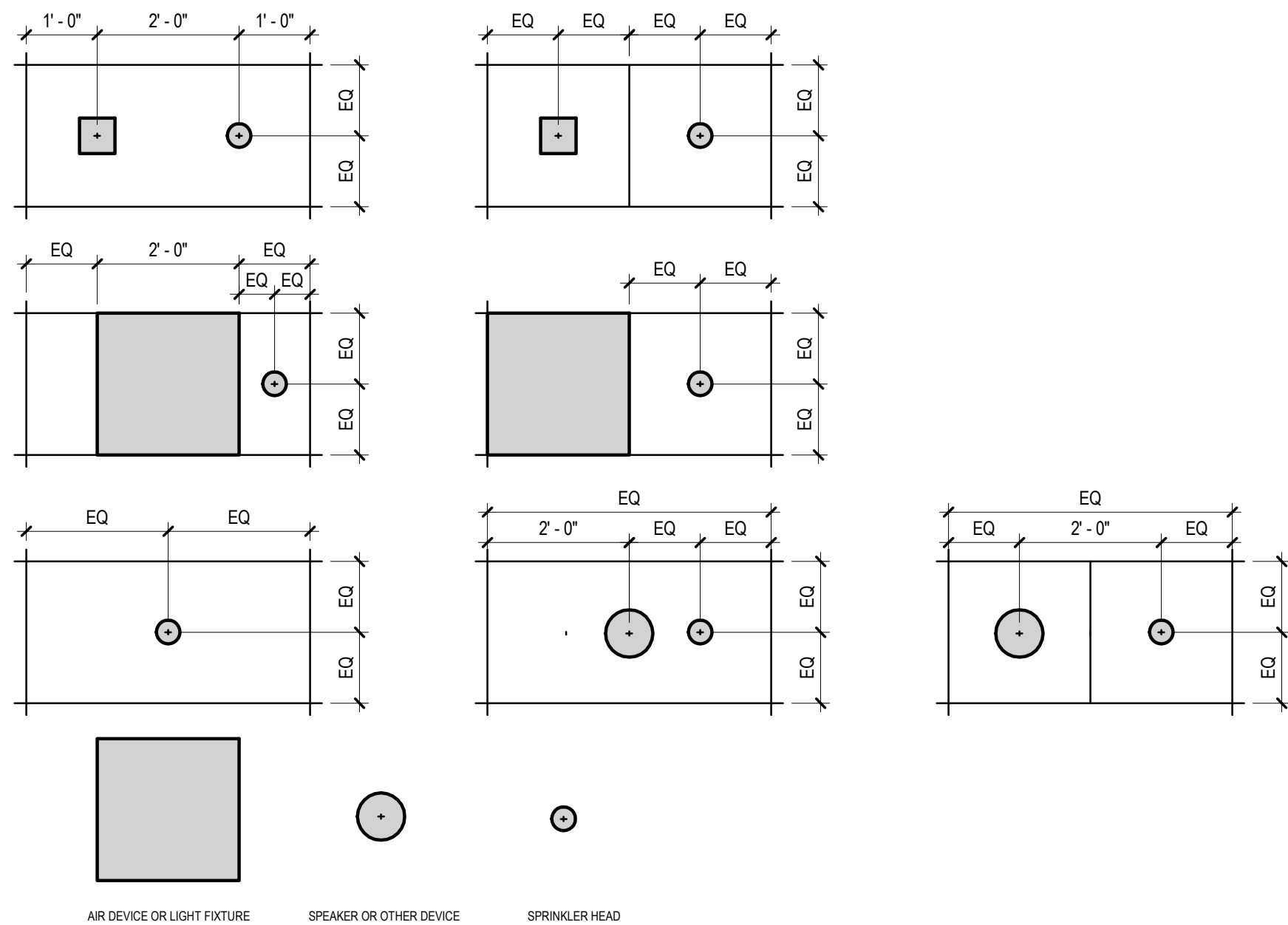


01 BASE CABINET "B13/B14"
1" = 1'-0" | WITH DOOR & 1 DRAWER

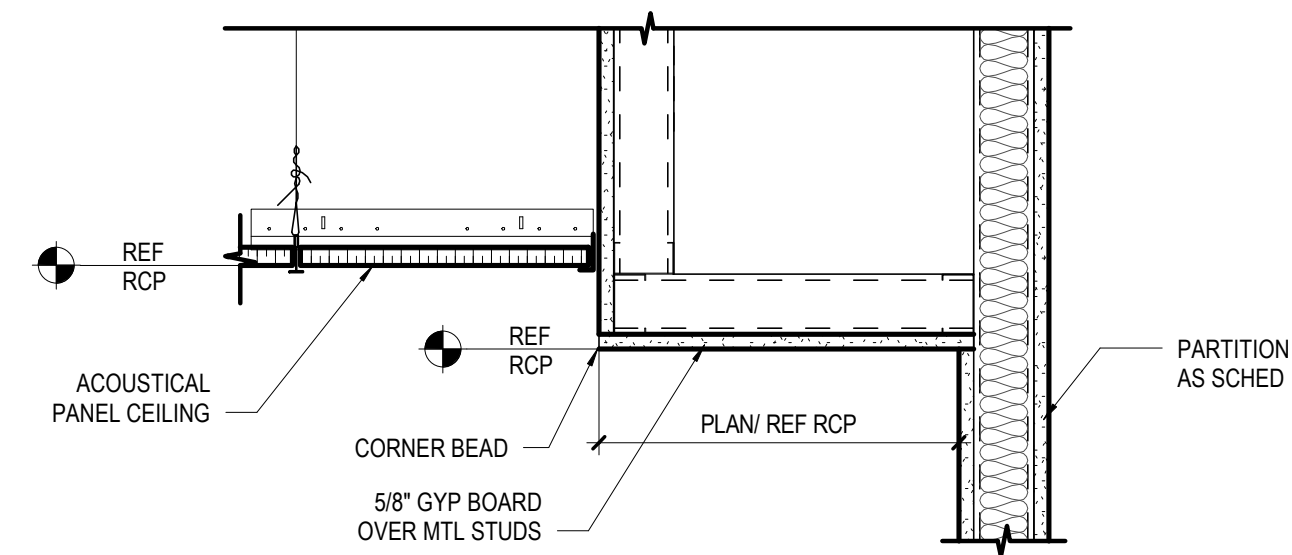
2/13/2026 4:35:56 PM Autodesk Docs\\UNT-HSC Imaging Lab PET Addition\\UNT-HSC ITR Imaging Center.rvt



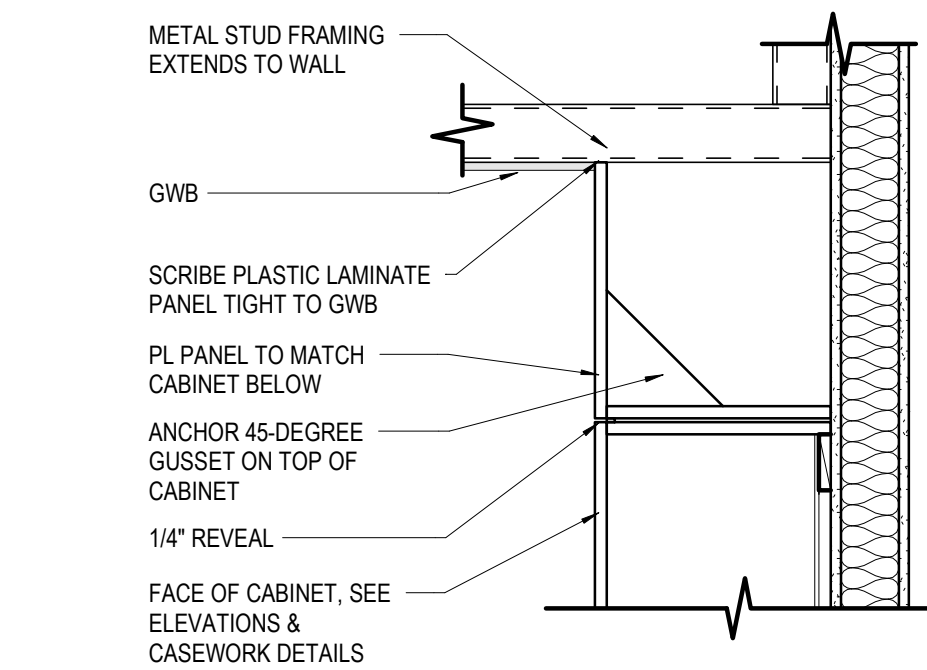
08 TYP PLASTIC LAMINATE SOFFIT OVER CASEWORK
1" = 1'-0"



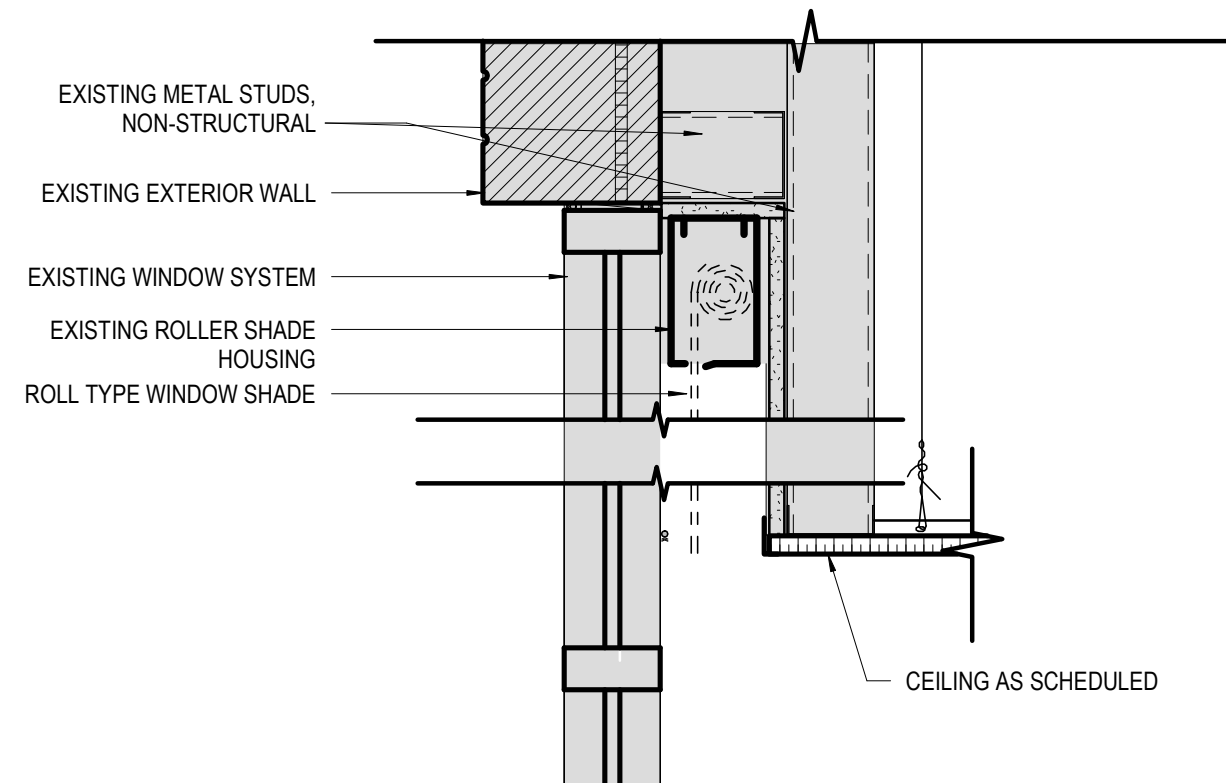
03 TYPICAL LOCATIONS FOR ITEMS MOUNTED IN ACOUSTIC PANEL CEILINGS
1/2" = 1'-0"



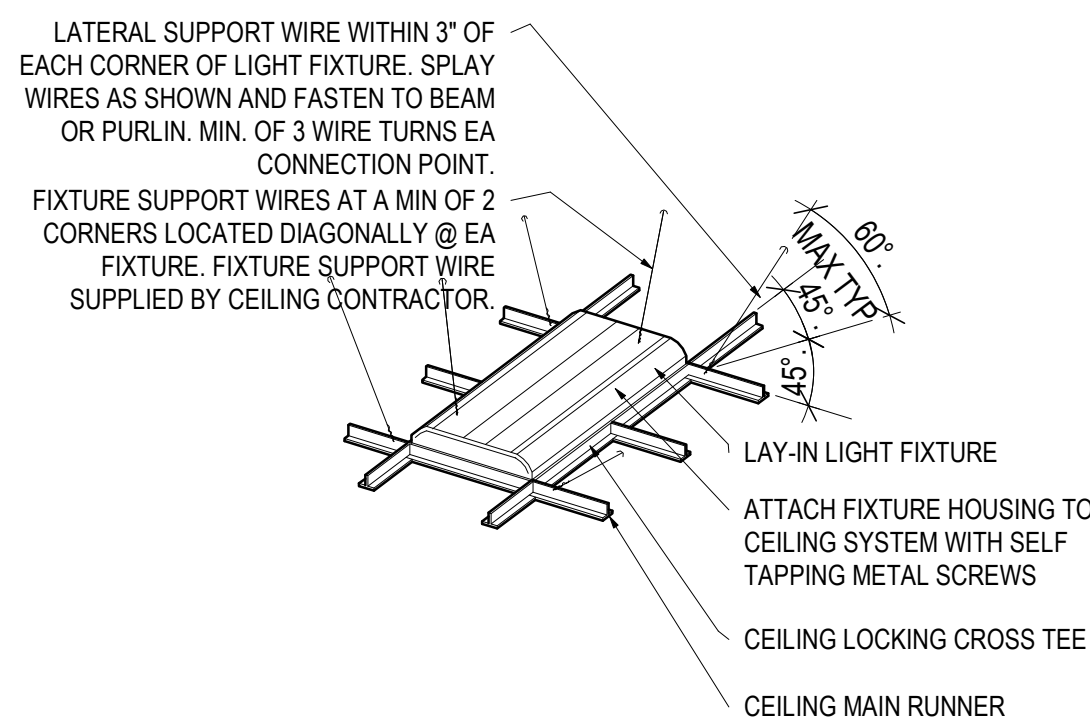
07 TYPICAL GYP BOARD SOFFIT AT PARTITION
1 1/2" = 1'-0"



10 TYP GWB OVER CASEWORK
1" = 1'-0"



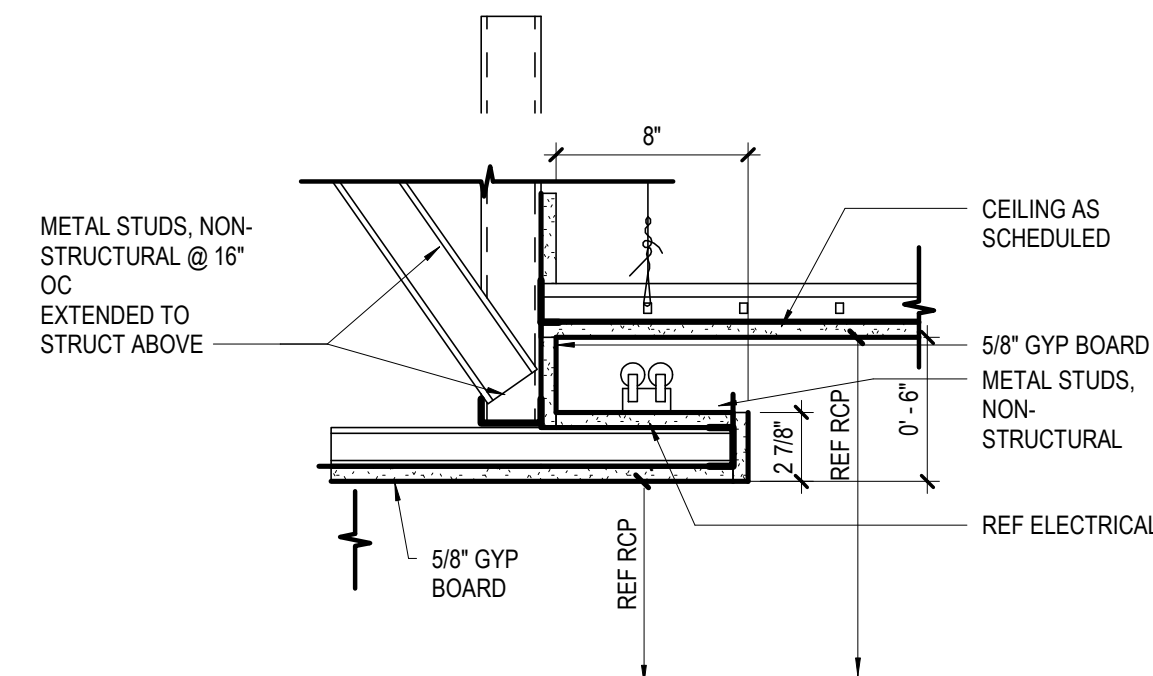
06 ROLLER SHADE POCKET @ CEILING
1 1/2" = 1'-0"



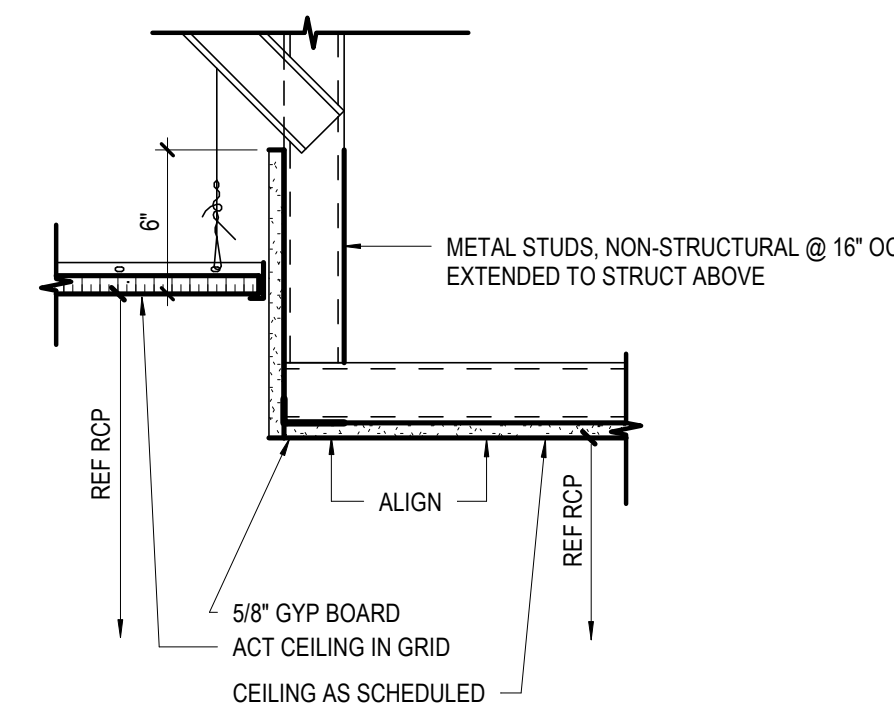
NOTES:

- ALL FIXTURES MUST BE POSITIVELY ATTACHED TO THE SUSPENSION SYSTEM. THE ATTACHMENT DEVICE MUST BE ABLE TO WITHSTAND 100% OF THE WEIGHT OF THE FIXTURE ACTING IN ANY DIRECTION (CISCA 3-4 PG 2, SECT 2).
- CROSS RUNNERS SUPPORTING THE ENDS OF LIGHTING MUST HAVE THE SAME CARRYING CAPACITY (16LB/FT) AS THE MAIN TEES OR REQUIRED SUPPLEMENTAL NO 12ga HANGER WIRES ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE SUPPORTED BY THE CROSS TEE (CISCA 3-4 PG 2, SECT 1 & 2).
- FIXTURES WEIGHING 56LBS OR LESS MUST HAVE TWO 12ga WIRES ATTACHED AT DIAGONAL CORNERS. THESE WIRES MAY BE SLACK (CISCA 3-4 PG 2, SECT 2).
- FIXTURES WEIGHING IN EXCESS OF 56LBS MUST BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE (CISCA 3-4 PG 2, SECT 2).
- PENDANT MOUNTED FIXTURES MUST BE SUPPORTED DIRECTLY FROM THE STRUCTURE USING 9ga WIRES. THEY MAY NOT USE THE CEILING SUSPENSION SYSTEM FOR SUPPORT (CISCA 3-4 PG 2, SECT 2).
- CROSS TEES SUPPORTING LIGHT FIXTURES MUST HAVE THE SAME LOAD CARRYING CAPACITY AS THE MAIN BEAMS OR BE INSTALLED WITH SUPPLEMENTAL HANGERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE (CISCA 3-4 PG 2, SECT 2).

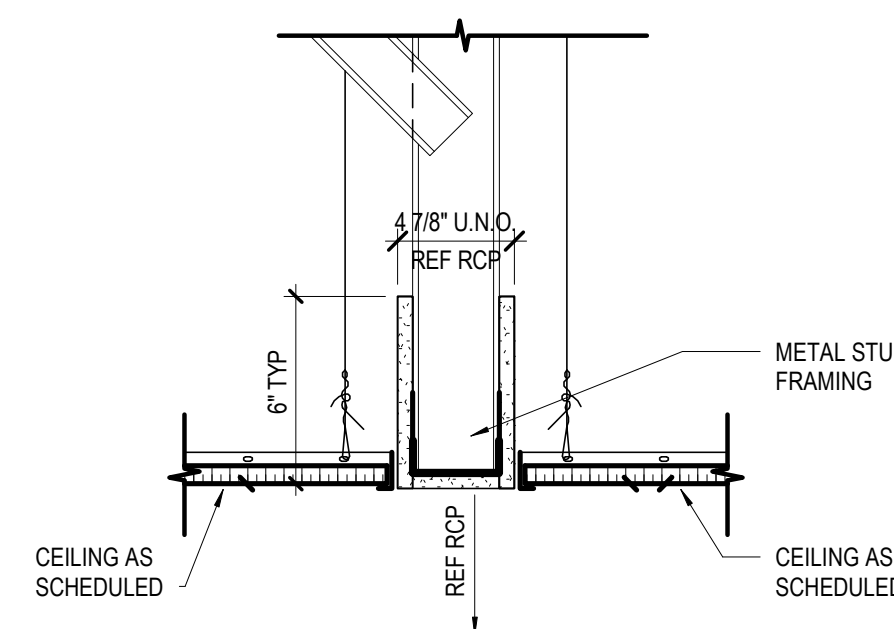
02 RECESSED FIXTURE IN T-BAR CEILING
1 1/2" = 1'-0"



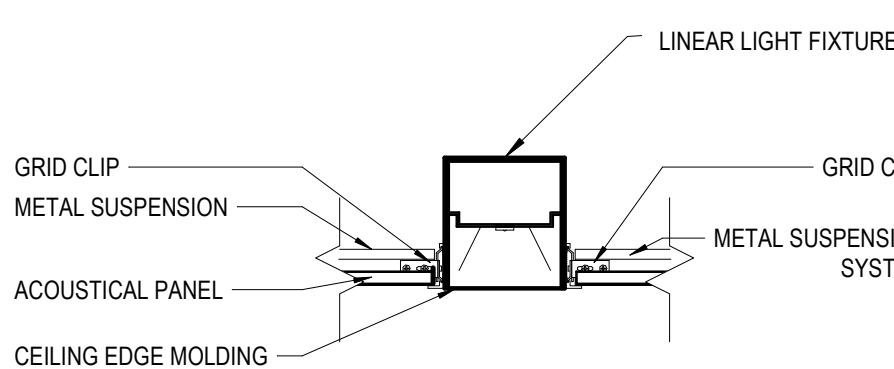
09 SECTION DETAIL
1 1/2" = 1'-0" | COVE LIGHT



05 TYPICAL GYP BOARD SOFFIT AT CEILING TRANSITION
1 1/2" = 1'-0"



04 BULK-HEAD
1 1/2" = 1'-0"



01 ACOUSTIC CEILING LIGHT FIXTURE MOUNTING
1 1/2" = 1'-0"

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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

KEYPLAN

ISSUE CHART

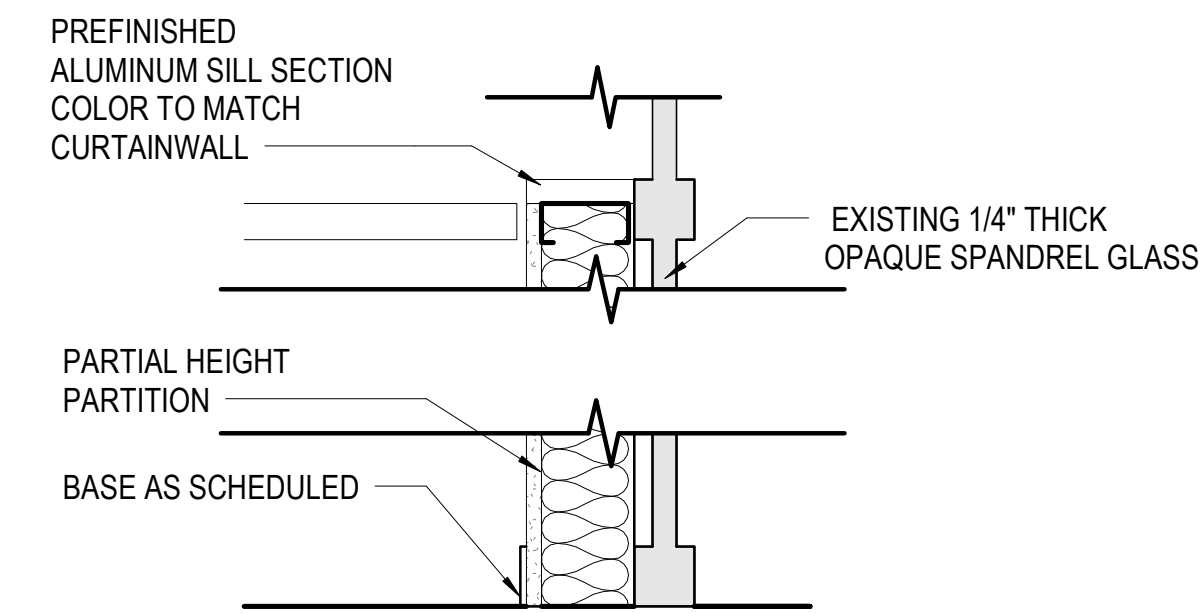
MARK	ISSUE	DATE
Job Number		144090.00

TITLE

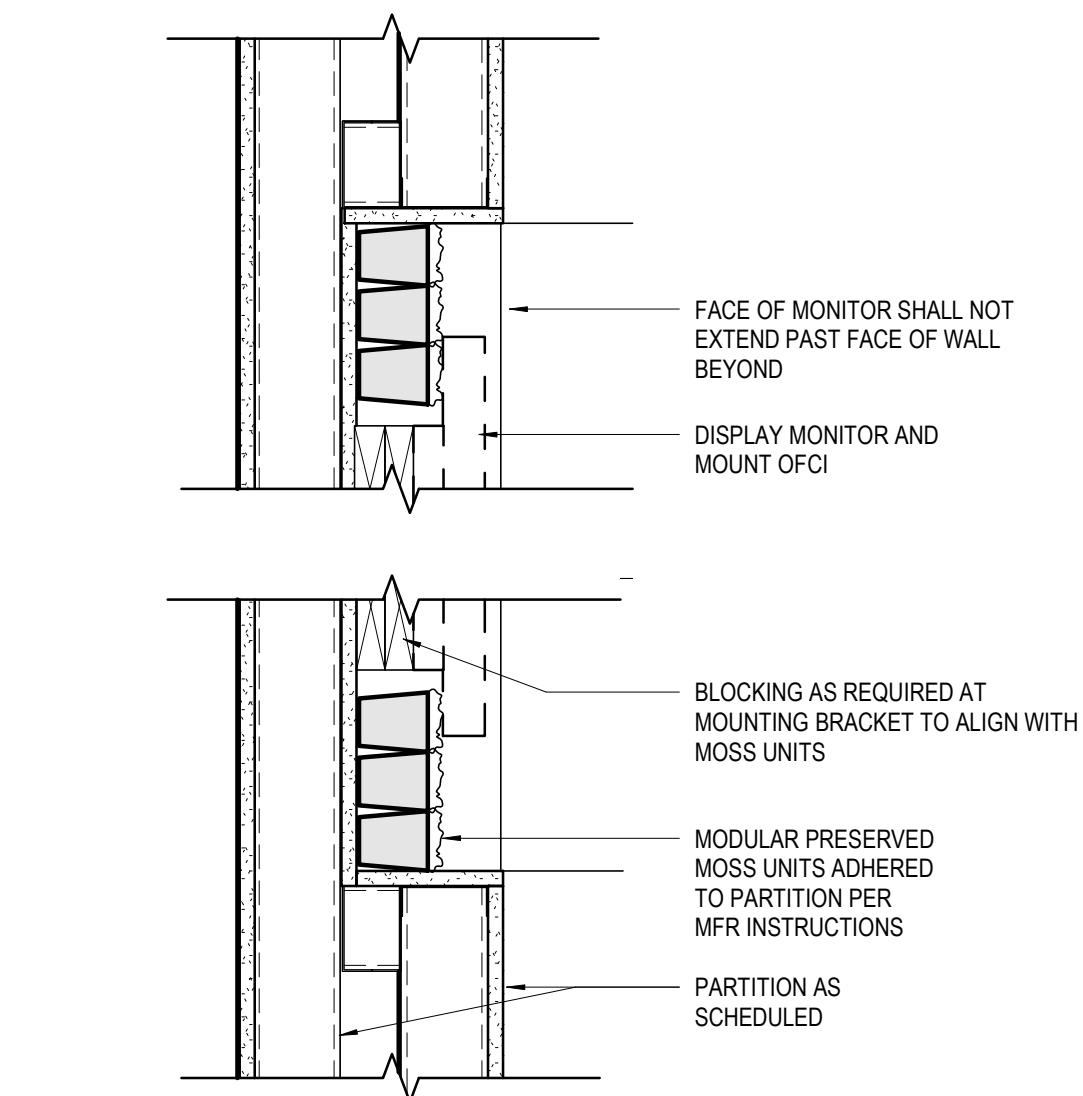
INTERIOR CEILING
DETAILS

SHEET NUMBER

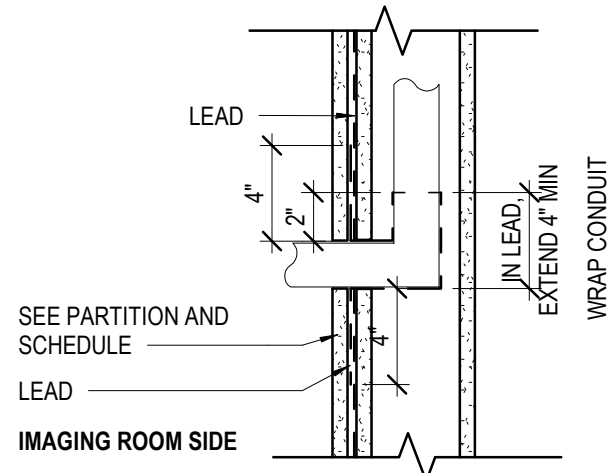
A51-01



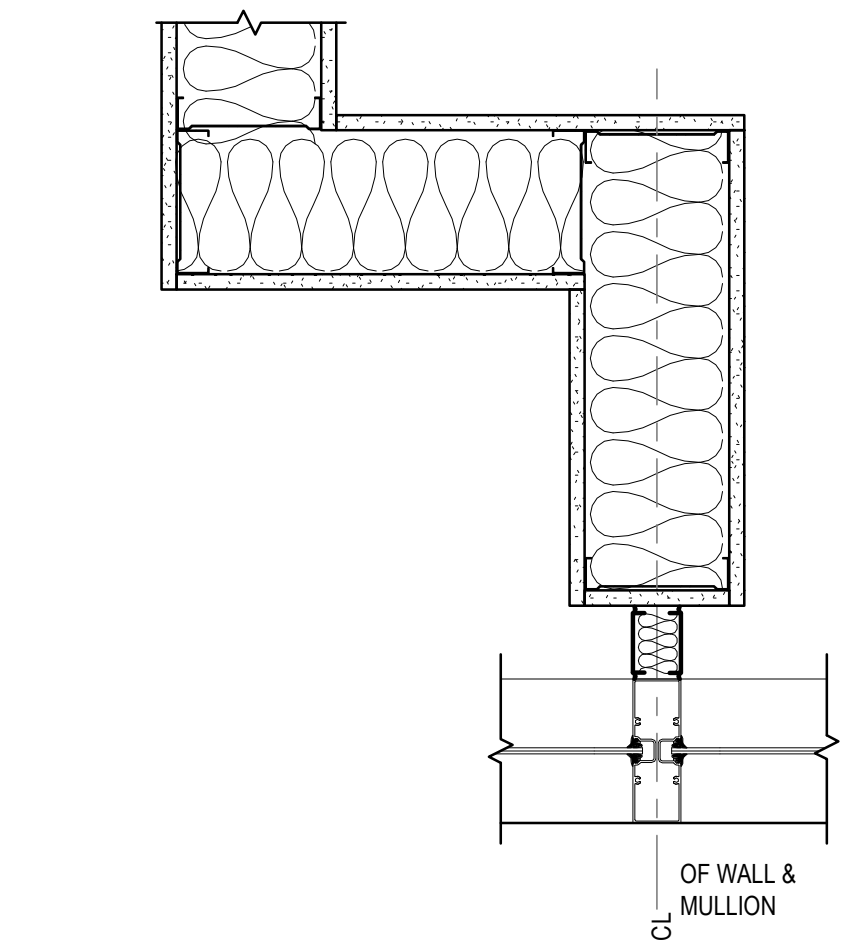
07 NEW SECTION AT SILL/MULLION
1 1/2" = 1'-0"



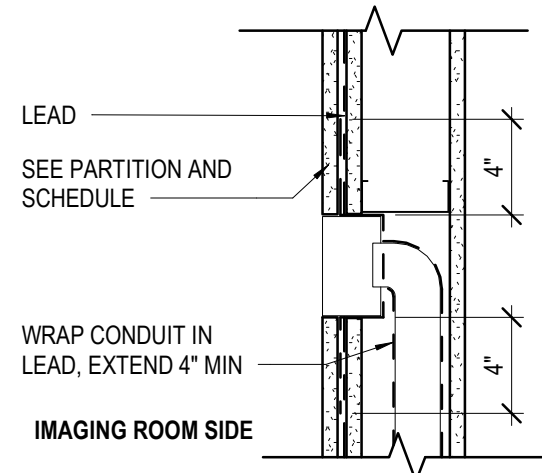
06 SECTION AT MOSS WALL
1 1/2" = 1'-0"



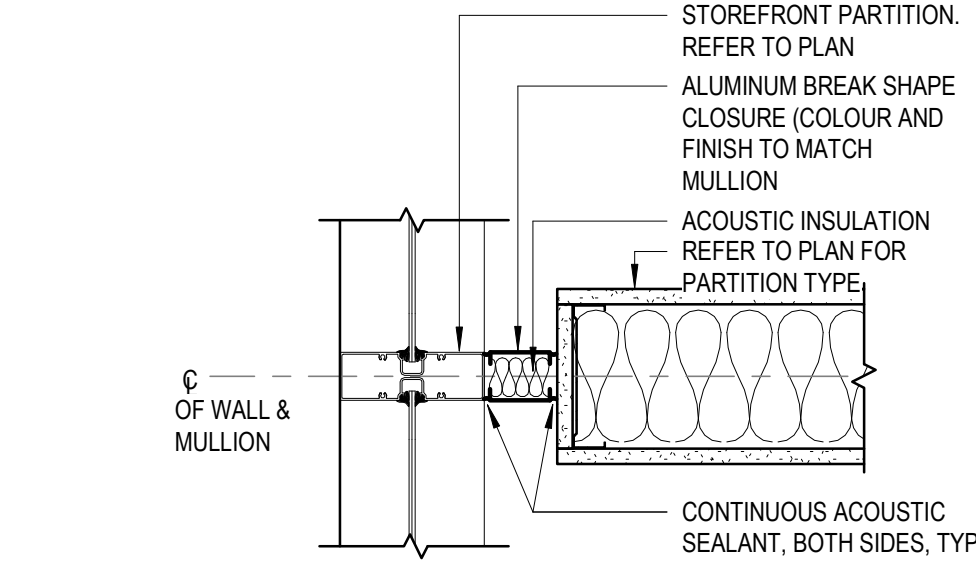
03 LEAD LINED PIPE PENETRATION
1 1/2" = 1'-0"



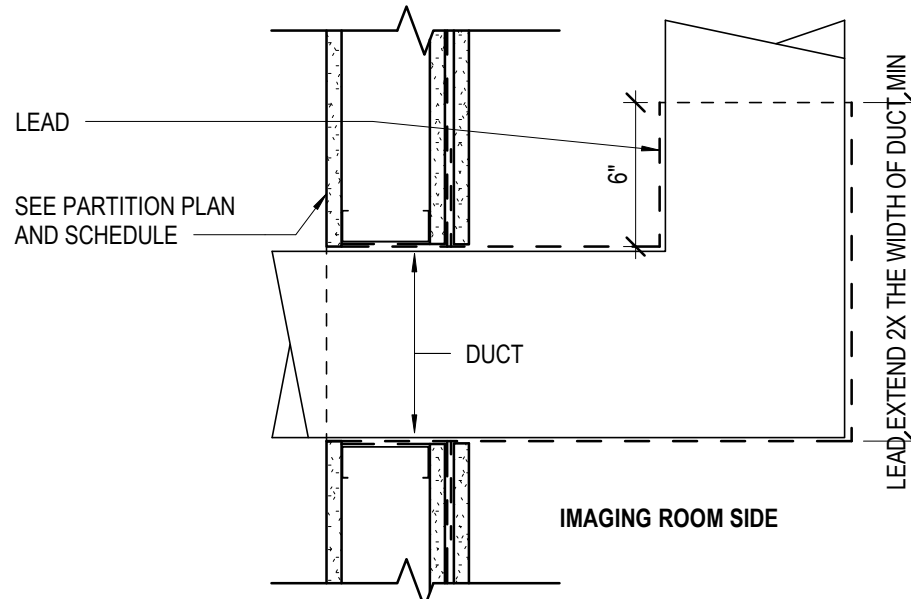
05 WALL/FLUSH MULLION OFFSET
1 1/2" = 1'-0"



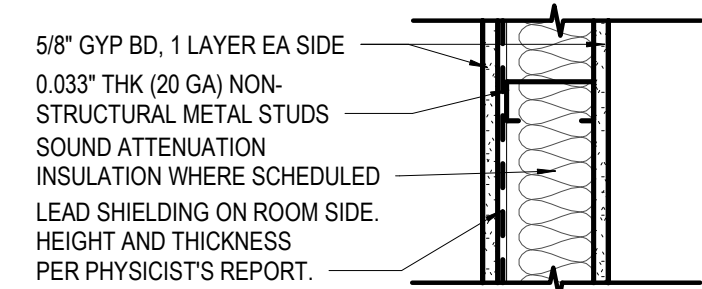
02 LEAD LINED ELECTRICAL DATA BOX
1 1/2" = 1'-0"



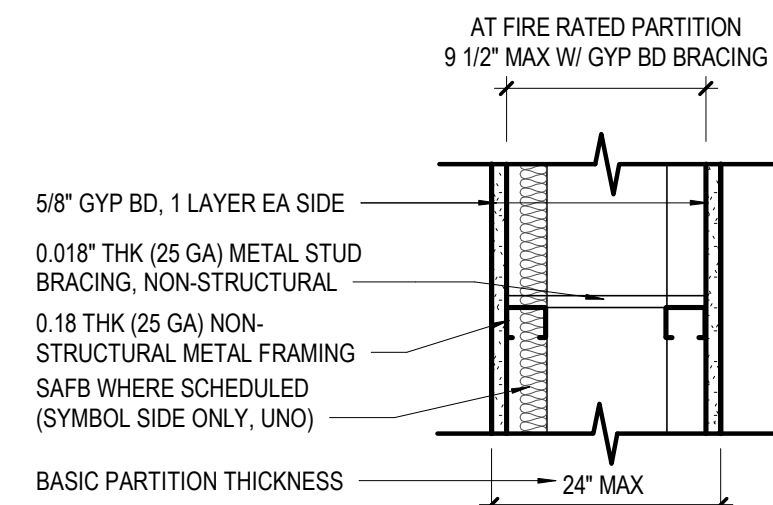
04 INTERIOR PARTITION TERMINATION @ MULLION
1 1/2" = 1'-0"



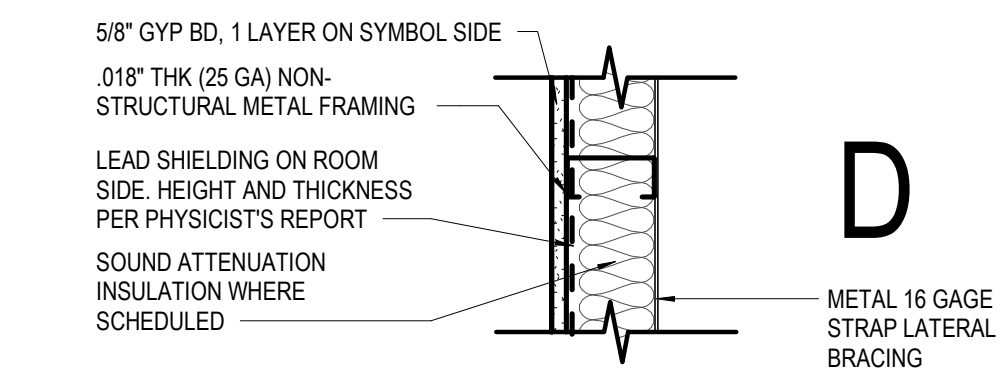
01 LEAD LINED AIR DUCT PENETRATION
1 1/2" = 1'-0"



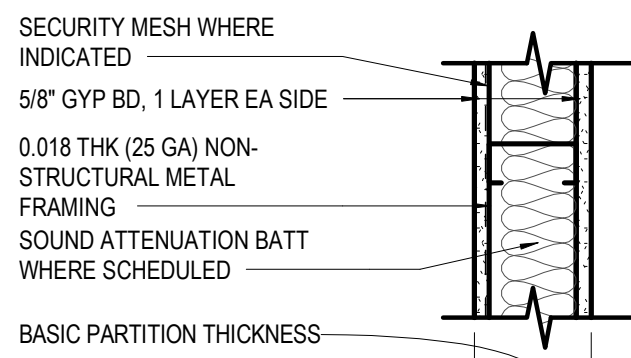
	R1_	STC	R2_	STC	R3_	STC	R4_	STC	R5_	STC	R6_	STC	DETAIL NO
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE	(R10)	39	(R20)	47	(R30)	39	(R40)	47	(R50)	40	(R60)	48	XX/GX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE (SMOKE RESIST)	(R11)	39	(R21)	47	(R31)	39	(R41)	47	(R51)	40	(R61)	48	XX/GX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE (SMOKE RESIST)	(R12)		(R22)		(R32)		(R42)		(R52)		(R62)		XX/GX/XX-SIM
NON-RATED WITH STUDS AND GYP BD TO FINISHED CEILING	(R13)		(R23)		(R33)		(R43)		(R53)		(R63)		XX/GX/XX-SIM
STUD SIZE	3 5/8"		3 5/8"		4"		4"		6"		6"		
BASIC PARTITION THICKNESS	4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"		
ACOUSTICAL INSULATION THICKNESS	-		3"		-		3"		-		5 1/2"		
ACOUSTICAL TEST NUMBER	USG 860908		SA 870717		USG 860908		SA 870717		USG 860908		USG 870717		NOTE 2
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U465, 419		UL DES U465, 419		UL DES U465, 419		UL DES U465, 419		UL DES U465, 419		UL DES U465, 419		
NOTE: 1. SEE STC-1 NOTE ON A61-01. 2. STC RATING INDICATED HAS BEEN MODIFIED FROM THE TESTED UL ASSEMBLY.													



	F1_	STC	F2_	STC	F3_	STC	F4_	STC	F5_	STC	F6_	STC	F7_	STC	F8_	STC	F9_	STC	F10_	STC	DETAIL NO
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE. NOTES 2 & 6	(F10)	42	(F20)	52	(F30)	44	(F40)	53	(F50)	45	(F60)	57	(F70)	45	(F80)	57	(F90)	45	(F100)	57	XX XX/GX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	(F11)	42	(F21)	52	(F31)	44	(F41)	53	(F51)	45	(F61)	57	(F71)	45	(F81)	57	(F91)	45	(F101)	57	XX/GX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	(F12)		(F22)		(F32)		(F42)		(F52)		(F62)		(F72)		(F82)		(F92)		(F102)		XX/GX/XX-SIM
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	(F13)		(F23)		(F33)		(F43)		(F53)		(F63)		(F73)		(F83)		(F93)		(F103)		XX/GX/XX-SIM
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS. NOTE 8.	(F14)		(F24)		(F34)		(F44)		(F54)		(F64)		(F74)		(F84)		(F94)		(F104)		XX/GX/XX-SIM
STUD SIZE	1 5/8"		1 5/8"		2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"		
BASIC PARTITION THICKNESS	SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		
THICKNESS	-		3 1/2"		-		3 1/2"		-		3 1/2" NOTE 3		-		3 1/2" NOTE 3		-		3 1/2" NOTE 3		
ACOUSTICAL TEST NUMBER	NOTE STC-1		RAL TL-76-155		NOTE STC-1		RAL TL-76-155		NOTE STC-1		RAL TL-76-155		NOTE STC-1		RAL TL-76-155		NOTE STC-1		RAL TL-76-155		NOTE 3
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U420		UL DES U420		UL DES U420		UL DES U420		-		-		-		-		-		-		
NOTE: 1. STEEL RUNNER BRACING SHALL BE A MIN OF 4 1/2" LONG. 2. IN FIRE RATED WALLS, 3 1/2" IS TOTAL ALLOWABLE SAFB THICKNESS. 3. STC IS MODIFIED FROM THE REFERENCE.																					



	D1_	STC	D2_	STC	D3_	STC	D4_	STC	D5_	STC	D6_	STC	D7_	STC	D8_	STC	D9_	STC	DETAIL NO
NON RATED WITH LEAD LINING AND GYP BD TO STRUCTURE ABOVE	(D11)	27	(D21)	29	(D31)	27	(D41)	30	(D51)	27	(D61)	30	(D71)	27	(D81)	31	(D91)	26	XX/XX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	(D12)		(D22)		(D32)		(D42)		(D52)		(D62)		(D72)		(D82)		(D92)		XX/XX/XX-SIM
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	(D13)		(D23)		(D33)		(D43)		(D53)		(D63)		(D73)		(D83)		(D93)		XX/XX/XX-SIM
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"		1 5/8"		
BASIC PARTITION THICKNESS	3 1/8"		3 1/8"		4 1/4"		4 1/4"		4 5/8"		4 5/8"		6 5/8"		6 5/8"		2 1/4"		
THICKNESS	-		2"		-		3"		-		3"		-		5 1/2"		1 5/8"		
ACOUSTICAL TEST NUMBER	NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		NOTE STC-1		



	A1	STC	A2	STC	A3	STC	A4	STC	A5	STC	A6	STC	A7	STC	A8	STC	DETAIL NO
1-HR RATED WITH LEAD LINING AND GYP BD TO STRUCTURE ABOVE. NOTE 4							A40*										XX/XX/XX-SIM
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE. NOTE 4			A20	46	A30	40	A40	47	A50	40	A60	47	A70	40	A80	46	XX/XX/XX-SIM
NON-RATED WITH GYP BD TO STRUCTURE ABOVE. NOTE 4	A11	39	A21	46	A31	40	A41	47	A51	40	A61	47	A71	40	A81	46	XX/XX/XX-SIM
NON-RATED WITH GYP BD TO 6\"/>PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS. NOTE 1	A13		A23		A33		A43		A53		A63		A73		A83		XX/XX/XX-SIM
TO FINISHED CEILING	A14		A24		A34		A44		A54		A64		A74		A84		XX/XX/XX-SIM
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"		
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"		
SOUND ATTENUATION BATT THICKNESS			2"		-		-		-		-		-		-		5 1/2"
ACOUSTICAL TEST NUMBER	USG 831001		USG 831001		USG 860908		USG 870717		USG 860908		SA 870717		USG 860908		USG 870717		NOTE STC-1
FIRE TEST NUMBER (WHERE APPLICABLE)			UL DES U419		UL DES U419		UL DES U419		UL DES U419		UL DES U419		UL DES U419		UL DES U419		

NOTE:
1. REFER TO INTERIOR PARTITION DETAILS FOR PARTIAL HEIGHT PARTITION DETAIL.
2. STC IS MODIFIED FROM THE REFERENCE.
3. WHERE INDICATED ON PLANS, EXTEND CORRIDOR-SIDE GYPSUM BOARD TO DECK ABOVE AND SEAL ALL JOINTS AND PENETRATIONS FOR SMOKE RESISTANCE.
4. WHERE INDICATED ON PLANS, PROVIDE ROOM-SIDE SECURITY MESH FROM THE FLOOR TO THE DECK ABOVE.

PARTITION TYPES GENERAL NOTES

- REFER TO **A11 - FLOOR PLAN SERIES** SHEETS FOR LOCATION OF PARTITION TYPES. NOT ALL PARTITION TYPES SHOWN ARE NECESSARILY UTILIZED ON THIS PROJECT.
A11 PARTITION TYPE TAG AS SHOWN ON FLOOR PLANS
- PARTITION TYPES INDICATED IN THESE CHARTS REFER TO BASIC PARTITION TYPE ONLY. REFER TO **A13-01 - INTERIOR FINISH PLAN** SERIES SHEETS FOR SCHEDULED FINISHES ON PARTITIONS.
- WHEN BLOCKING IS SCHEDULED OR OTHERWISE REQUIRED IN A PARTITION, PARTITION SHALL BE FRAMED USING MINIMUM 0.0296 INCH (20 GA) STUDS.
- ISOLATE NON-LOAD BEARING FRAMING FROM STRUCTURAL ELEMENTS TO PREVENT THE TRANSFER OF VERTICAL LOADS TO PARTITION FRAMING. PROVIDE SPECIFIED SLIP-TYPE HEAD JOINTS TO ALLOW FOR VERTICAL MOVEMENT OF STRUCTURE ABOVE. DO NOT SECURE GYPSUM BOARD TO THE TOP TRACK. REFER TO **A61-01 - INTERIOR PARTITION DETAILS** SERIES SHEETS FOR ADDITIONAL REQUIREMENTS AND DETAILS REGARDING SLIP-TYPE HEAD JOINTS.
- REFER TO **A62 - INTERIOR DOOR AND FRAME DETAILS** SERIES SHEETS FOR NOTES REGARDING STUD FRAMING AT OPENINGS.

FIRE-RESISTANCE-RATED ASSEMBLY NOTES

THE FOLLOWING NOTES APPLY TO PARTITIONS DESIGNATED TO HAVE A FIRE-RESISTANCE RATING ON THE PARTITION CHARTS.

- FR-1 REFER TO **G02 - CODE COMPLIANCE DETAILS AND DIAGRAMS** SERIES SHEETS FOR ADDITIONAL INFORMATION REGARDING FIRE-RESISTANCE-RATED PARTITIONS.
- FR-2 REFER TO **G02 - CODE COMPLIANCE DETAILS AND DIAGRAMS** SERIES SHEETS FOR ADDITIONAL INFORMATION REGARDING PENETRATIONS THROUGH RATED PARTITIONS, FIRE RESISTANT JOINT SYSTEMS, SLIP-TYPE HEAD JOINTS AT NON-BEARING PARTITIONS, CONNECTION TO STRUCTURE, AND RATED PARTITION HIERARCHY DIAGRAMS.
- FR-3 CONSTRUCT FIRE-RESISTANCE-RATED PARTITIONS PRIOR TO NON-RATED PARTITIONS IN ACCORDANCE WITH RATED PARTITION HIERARCHY DIAGRAMS.
- FR-4 PARTITION TYPE AND FIRE-RESISTANCE RATING INDICATED FOR A GIVEN PARTITION ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THAT PARTITION UNLESS OTHERWISE INDICATED

STC-RATED ASSEMBLY NOTES

THE FOLLOWING NOTES APPLY TO PARTITIONS DESIGNATED ON THE PARTITION CHARTS TO HAVE A SOUND TRANSMISSION CLASS (STC) RATING.

IN CASE OF CONFLICT BETWEEN STC RATING AND FIRE-RESISTANCE RATING PERTAINING TO ANY PRODUCT OR ASSEMBLY, THE FIRE-RESISTANCE RATED PARTITION AND ITS COMPONENTS SHALL HAVE HIERARCHY OVER THE STC-RATED PARTITION.

- STC-1 STC RATINGS LISTED WERE CALCULATED / PREDICTED USING THE "INSUL" SOFTWARE PROGRAM.
- STC-2 STC RATINGS LISTED ARE BASED ON USE OF 0.0179 INCH (25 GAGE) NON-STRUCTURAL METAL FRAMING.
- STC-3 ALL STC-RATED PARTITIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REFERENCED TEST.
- STC-4 REFER TO **A61-50 - INTERIOR PARTITION DETAILS** SERIES SHEETS FOR ADDITIONAL REQUIREMENTS REGARDING STC-RATED PARTITIONS.
- STC-5 PROVIDE SOUND ATTENUATION INSULATION IN STUD CAVITIES OF STC-RATED PARTITIONS WHERE SCHEDULED.
- STC-6 DO NOT COMPRESS SOUND ATTENUATION INSULATION AT BLOCKING AND OTHER ITEMS RECESSED IN STC-RATED PARTITIONS.
- STC-7 SEAL BOTH SIDES OF STC-RATED PARTITIONS AIR-TIGHT AT FLOORS, ENDS, AND CEILINGS WITH NON-HARDENING ACOUSTICAL SEALANT IN ACCORDANCE WITH REFERENCED TEST.
- STC-8 SEAL WALL INTERSECTIONS AND CONTROL JOINTS AT STC-RATED PARTITIONS IN ACCORDANCE WITH DETAIL **14A61-50**.
- STC-9 SEAL ALL CONDUIT, STRUCTURAL, DUCT, AND PIPE PENETRATIONS THROUGH STC-RATED PARTITIONS IN ACCORDANCE WITH **16A61-50**. IF PARTITION IS ALSO FIRE RATED, REFER TO **G02 - CODE COMPLIANCE DETAILS AND DIAGRAMS** SERIES SHEETS FOR ADDITIONAL INFORMATION REGARDING SEALING OF PENETRATIONS.
- STC-10 ELECTRICAL DEVICE BOXES ON OPPOSITE SIDES OF STC-RATED PARTITIONS SHALL BE SEPARATED BY A MINIMUM OF ONE STUD. SEAL DEVICE BOXES IN STC-RATED PARTITIONS IN ACCORDANCE WITH DETAIL **17A61-50**. IF PARTITION IS ALSO FIRE RATED, REFER TO **G02 - CODE COMPLIANCE DETAILS AND DIAGRAMS** SERIES SHEETS FOR ADDITIONAL INFORMATION AND RATED PARTITION HIERARCHY DIAGRAMS.
- STC-11 ELECTRICAL DEVICE BOXES LOCATED IN STC-RATED PARTITIONS SHALL BE SEALED PRIOR TO CLOSING IN PARTITIONS, AND INSTALLATION OF DEVICES AND COVER PLATES.

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02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

INTERIOR PARTITION TYPE CHARTS AND INTERIOR DETAILS

SHEET NUMBER

A61-01



02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

INTERIOR PARTITION
DETAILS

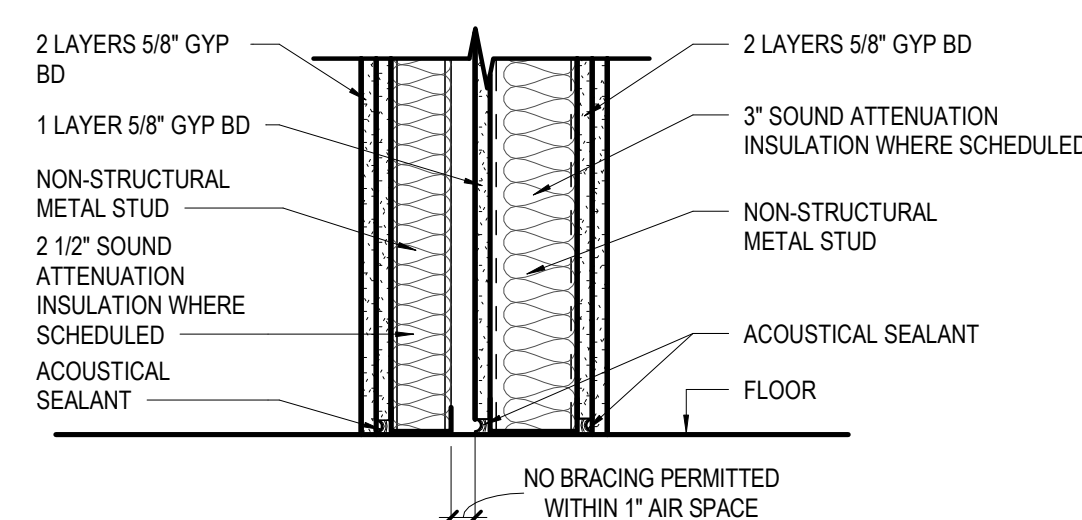
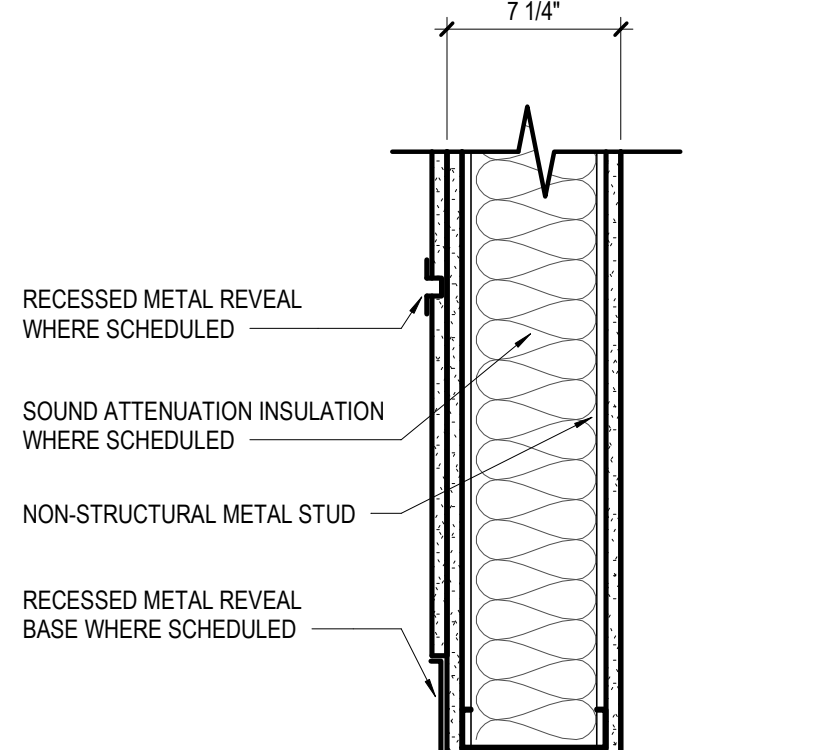
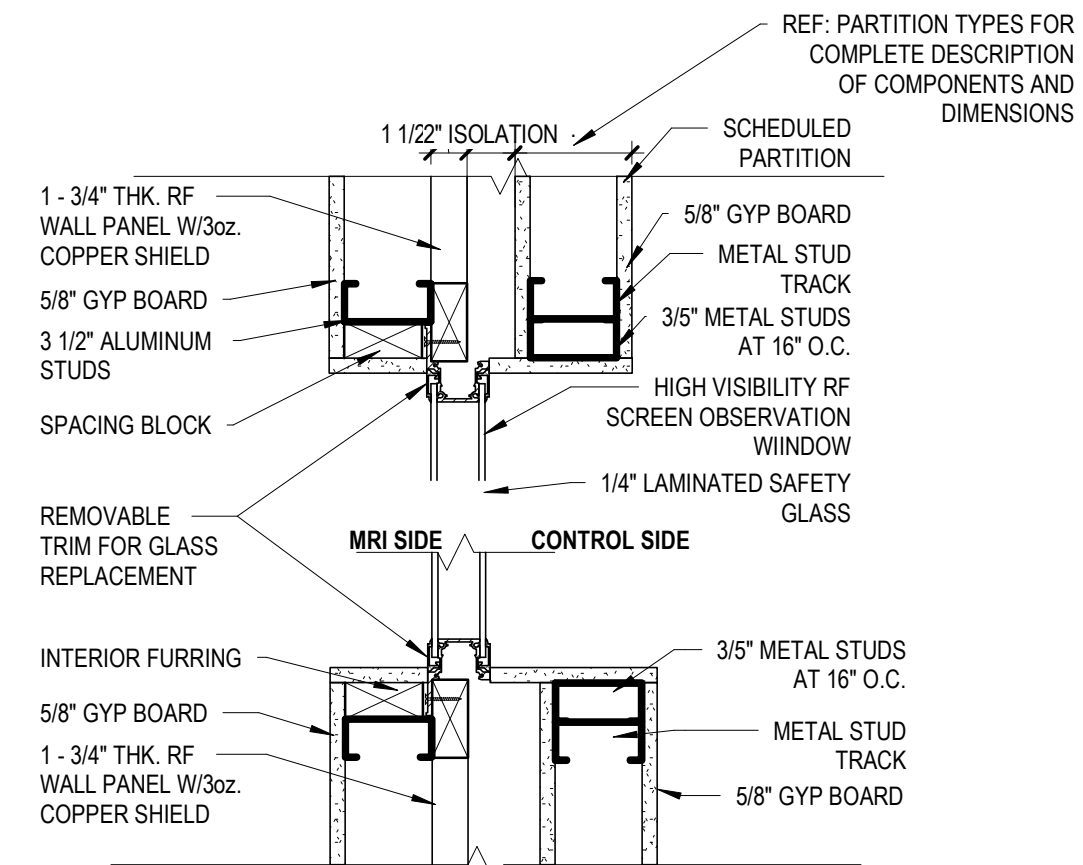
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A61-50

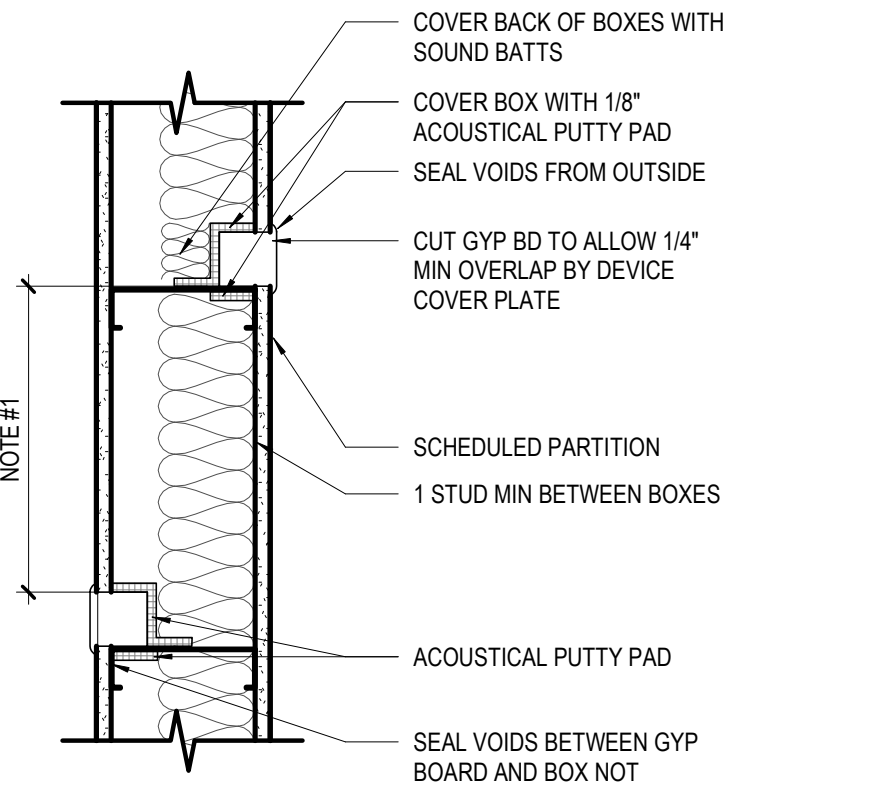
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INTERIOR PARTITION DETAIL NOTES

- REFER TO PARTITION TYPE CHARTS FOR STUD SIZES AND OVERALL MAKEUP OF PARTITION ASSEMBLIES.
- REFER TO PARTITION TYPE CHARTS FOR SOUND-ATTENUATION BLANKET THICKNESS.
- METAL STUD THICKNESS (GAGE) SHALL NOT EXCEED THAT TESTED FOR THE DESIGNATED STC RATING UNLESS OTHERWISE REQUIRED BY THE APPROVED UL ASSEMBLY.
- METAL STUD SPACING SHALL NOT BE LESS THAN THAT TESTED FOR THE DESIGNATED STC RATING.
- ISOLATE GYPSUM BOARD EDGES FROM STRUCTURAL ATTACHMENTS BY 1/4" INCH - 1/2" INCH.

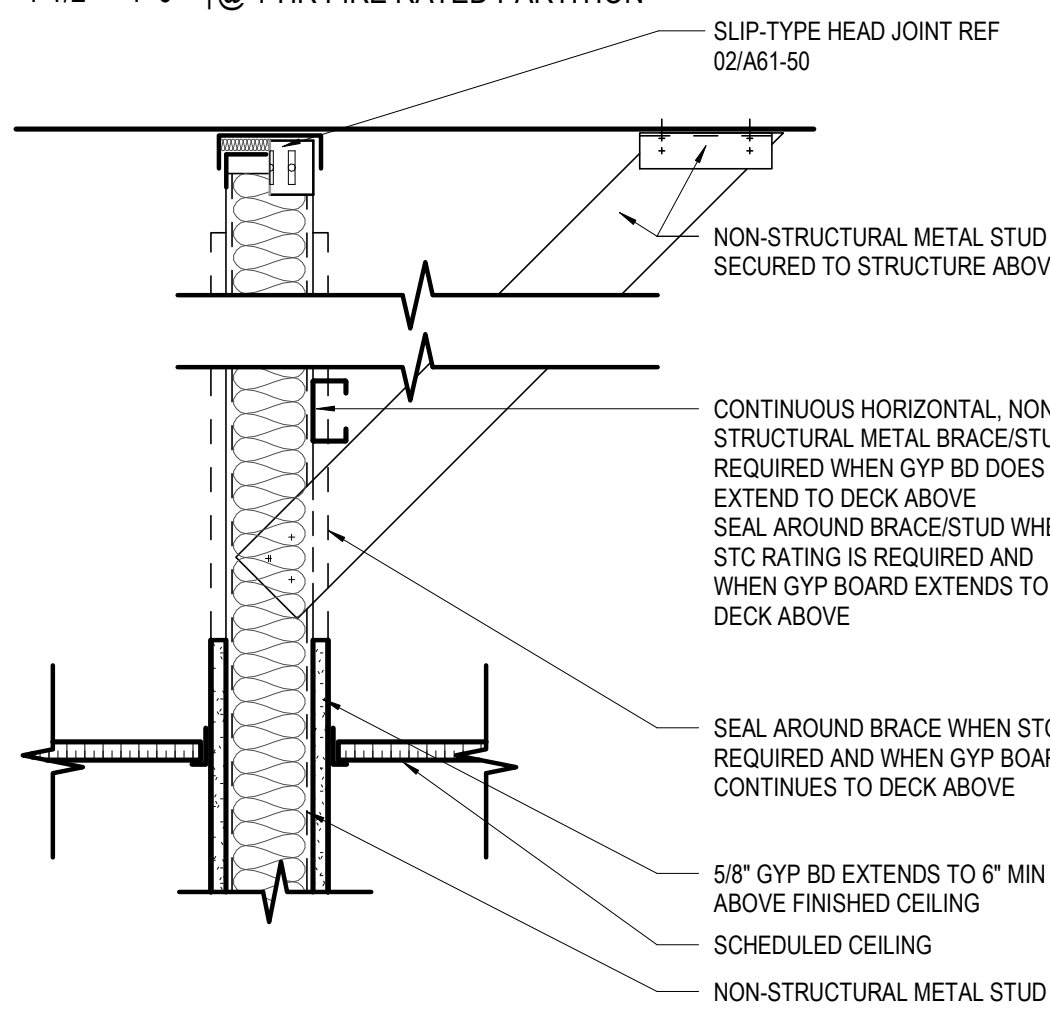


16 SECTION DETAIL 1 1/2" = 1'-0"

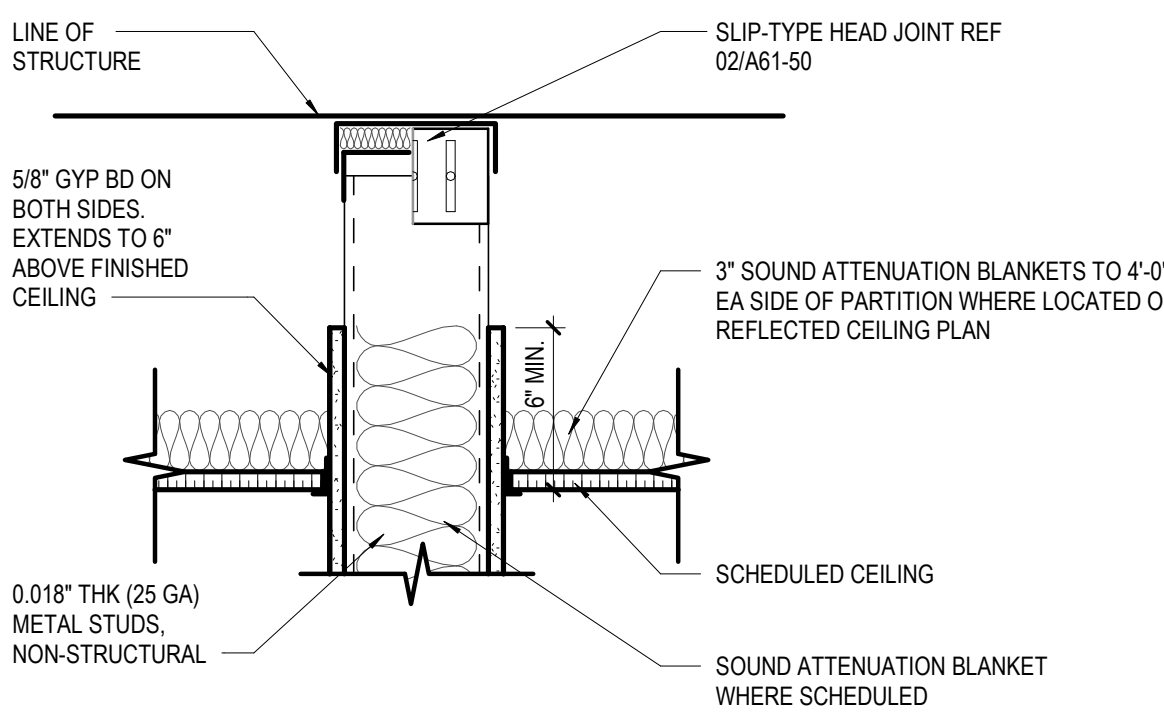
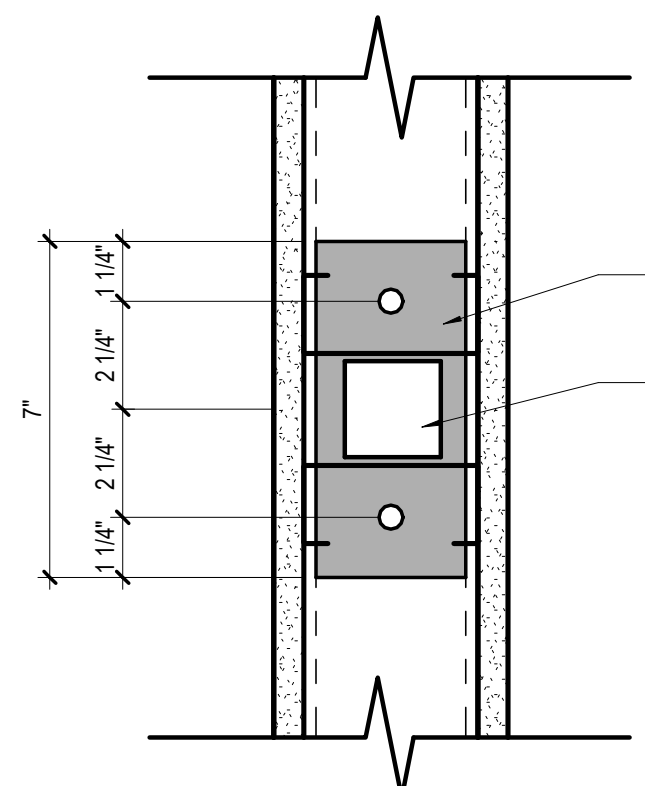


- NOTES:
- 1/2" MINIMUM UNLESS OTHERWISE INDICATED IN PARTITION CHART.
 - REFER TO FIRE RESISTANCE DETAILS AND DIAGRAMS FOR BACK TO BACK BOXES IN A RATED PARTITION.

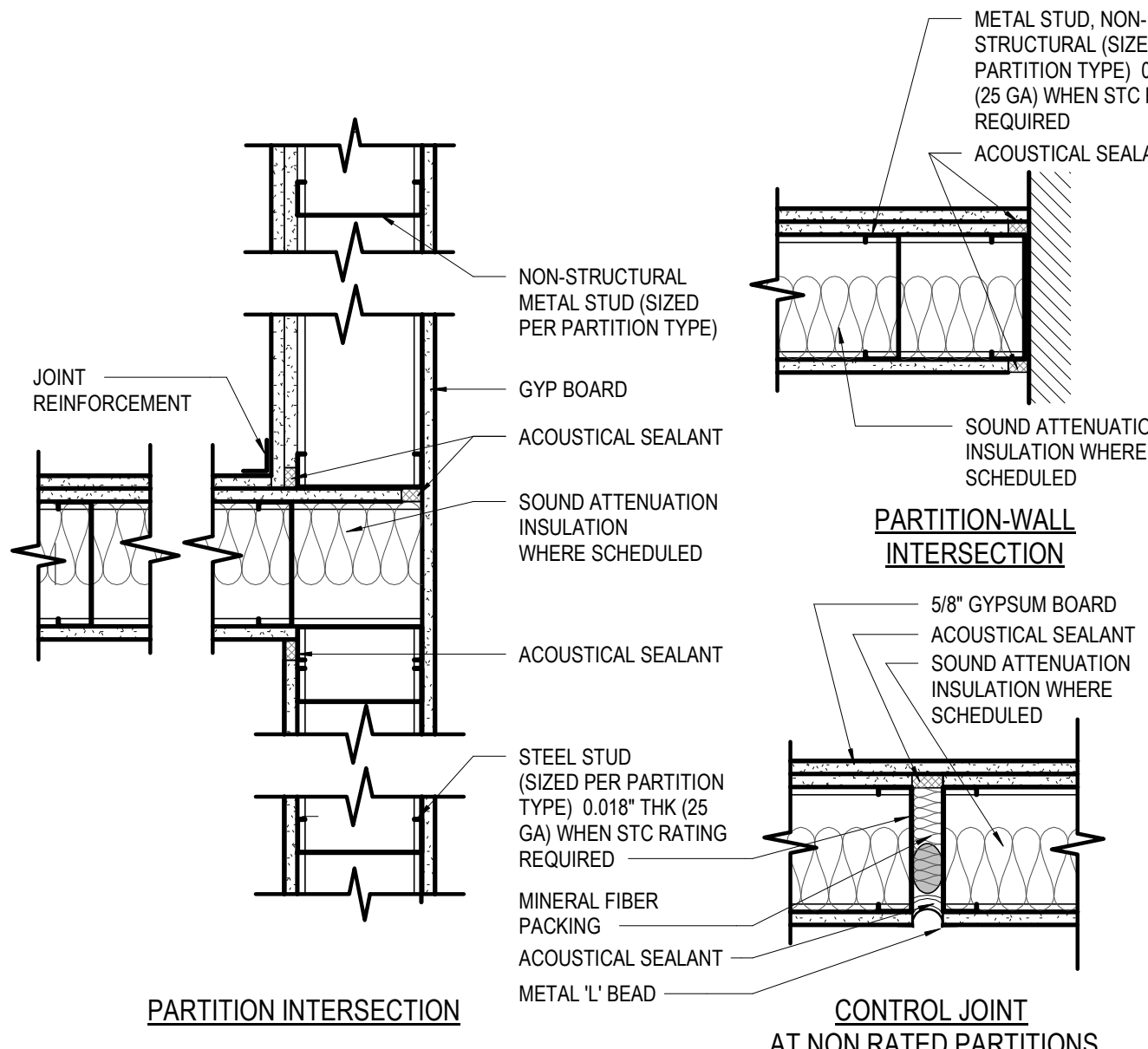
12 RECESSED BASE 1-HR 1 1/2" = 1'-0" | @ 1-HR FIRE RATED PARTITION



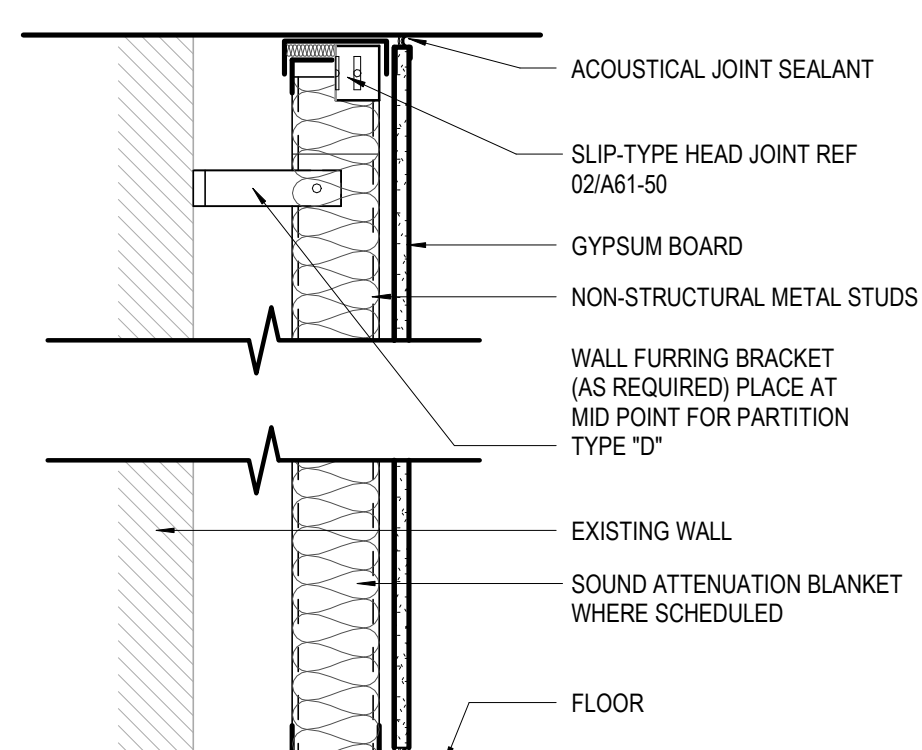
08 PARTITION @ FLOOR 1 1/2" = 1'-0" | ACOUSTICAL PARTITION (TYPE U SIM) FLOOR DETAIL



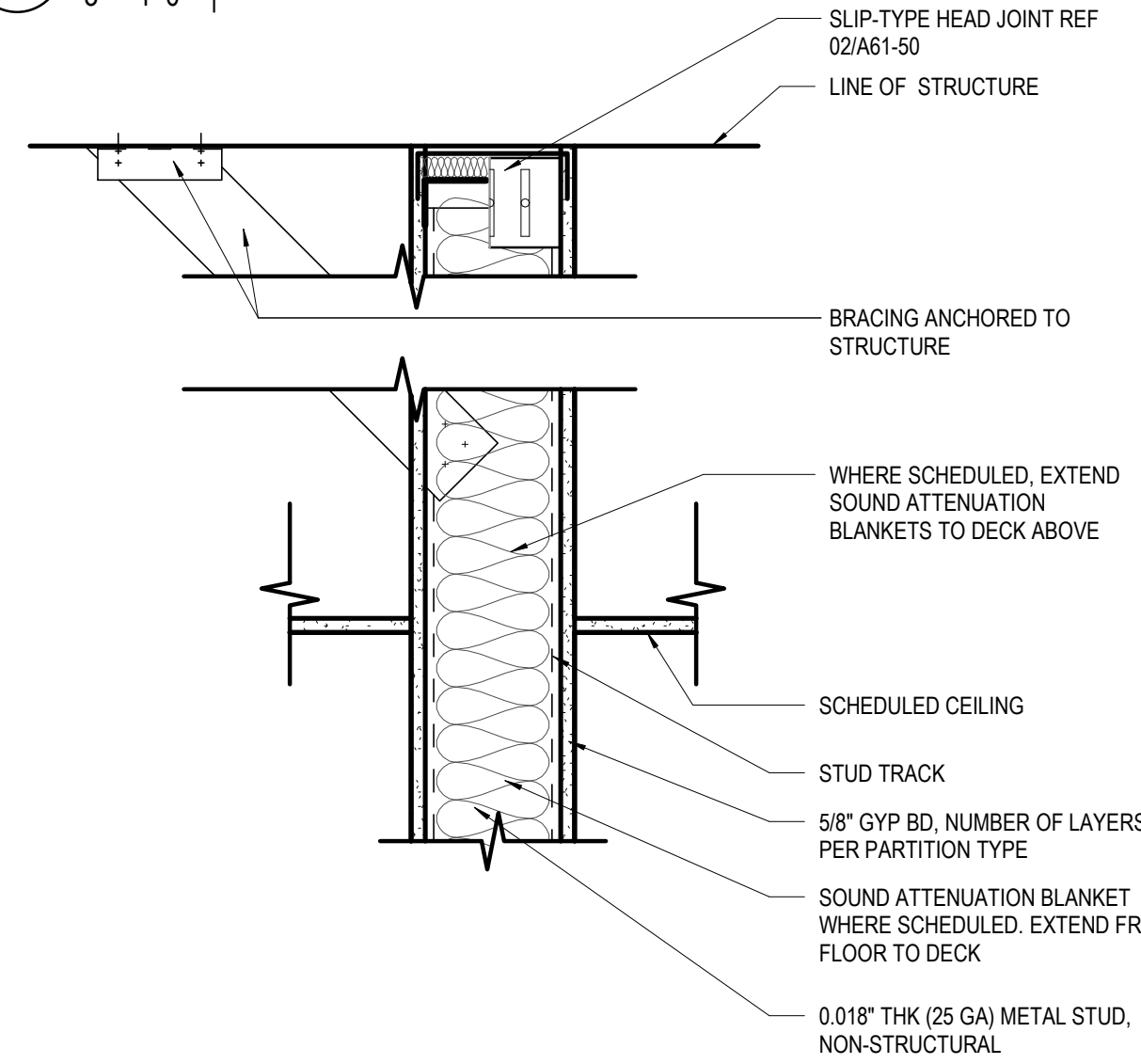
15 PARTITION PLAN DETAIL 1 1/2" = 1'-0" | BACK BOX INSTALLATION DETAIL @ NON-FIRE RATED PARTITION



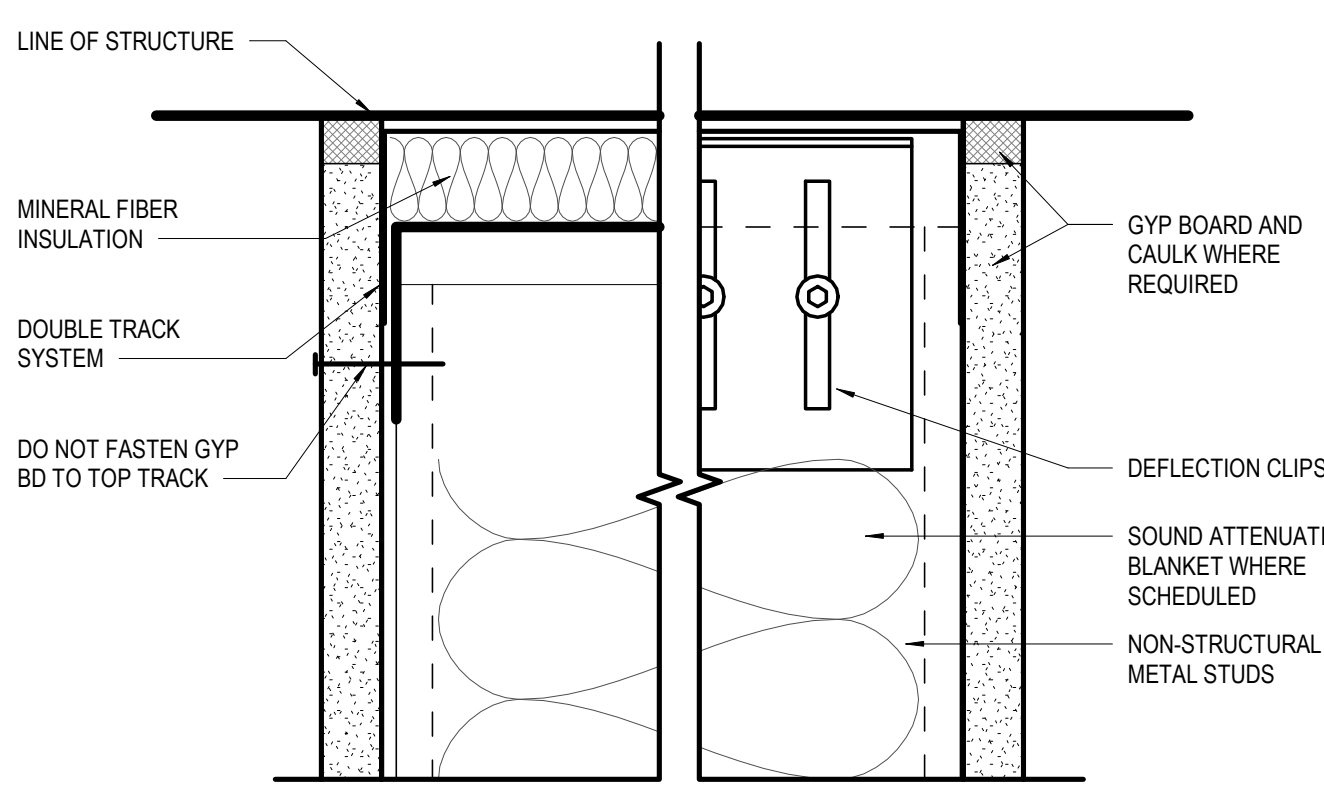
11 PARTITION SECTION 1 1/2" = 1'-0" | @ BRACING WHEN PARTITION EXCEEDS MAXIMUM HEIGHT ALLOWED BY STUD MFR



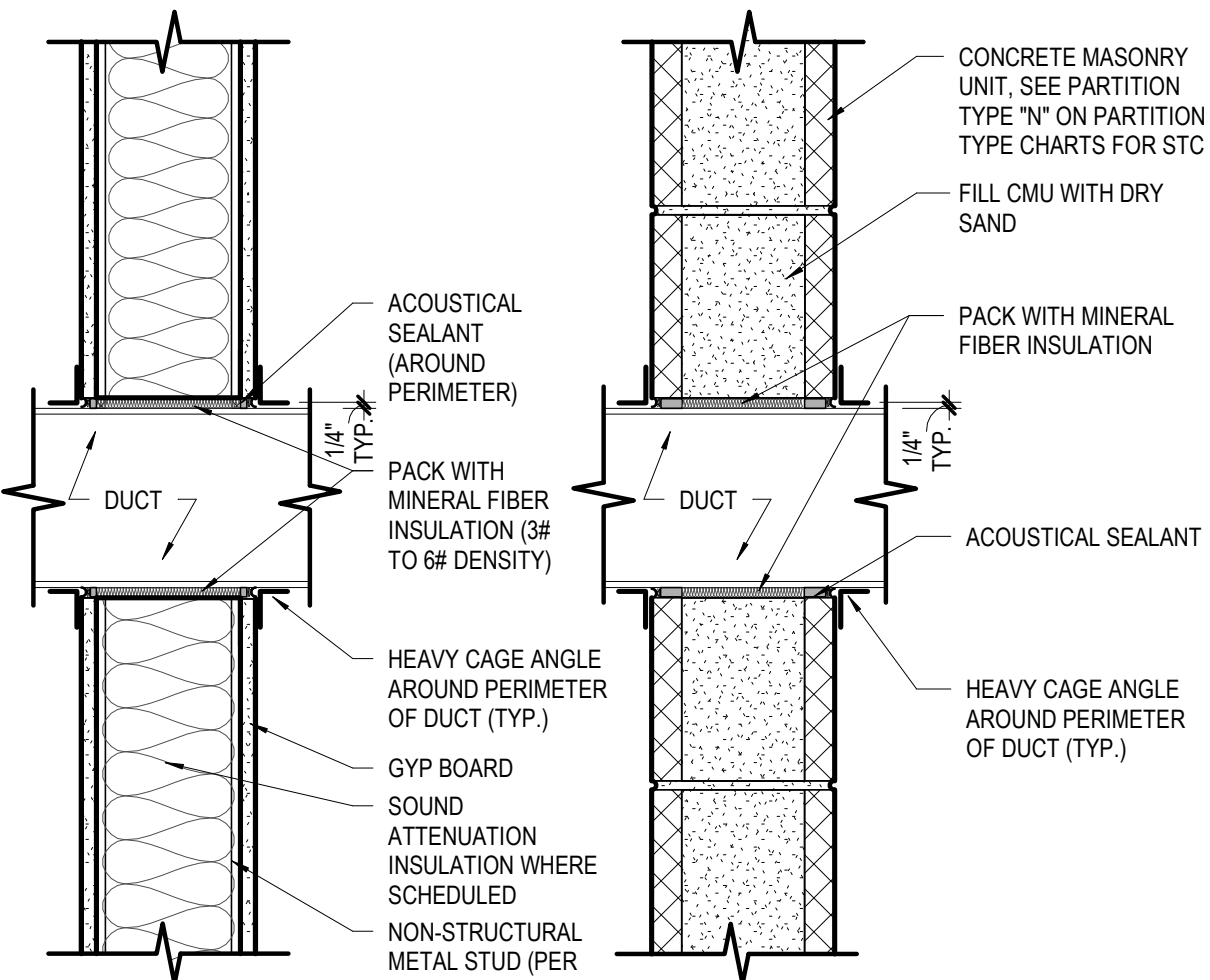
07 BASE PLATE DETAIL 3" = 1'-0"



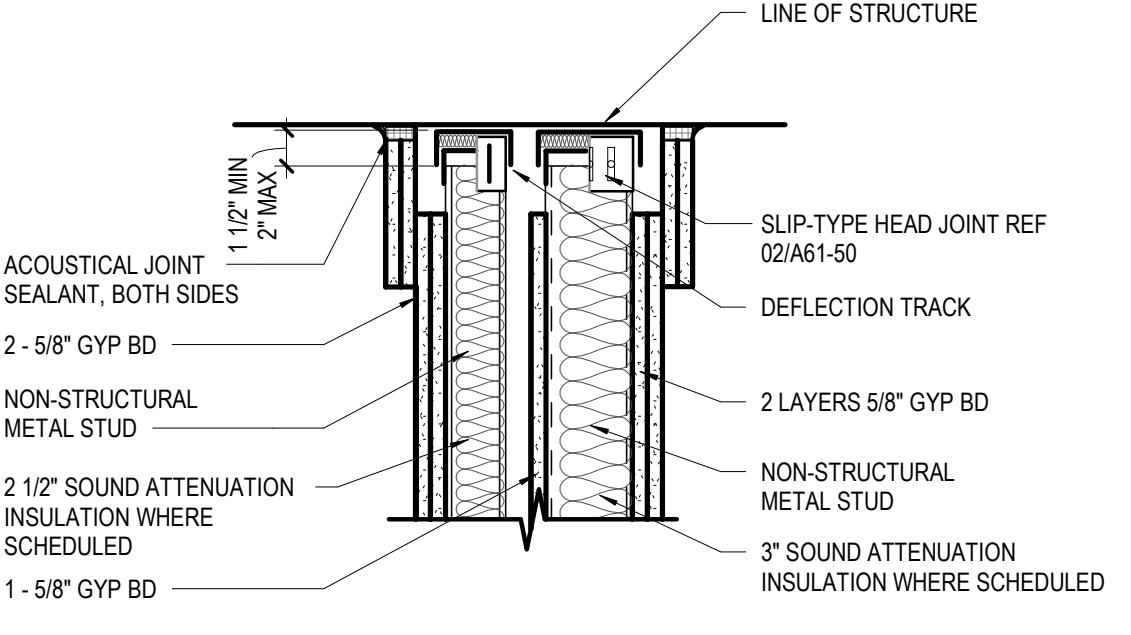
03 PARTITION @ CEILING 1 1/2" = 1'-0" | NON-RATED W/ GYP BD TO 6" ABOVE CEILING



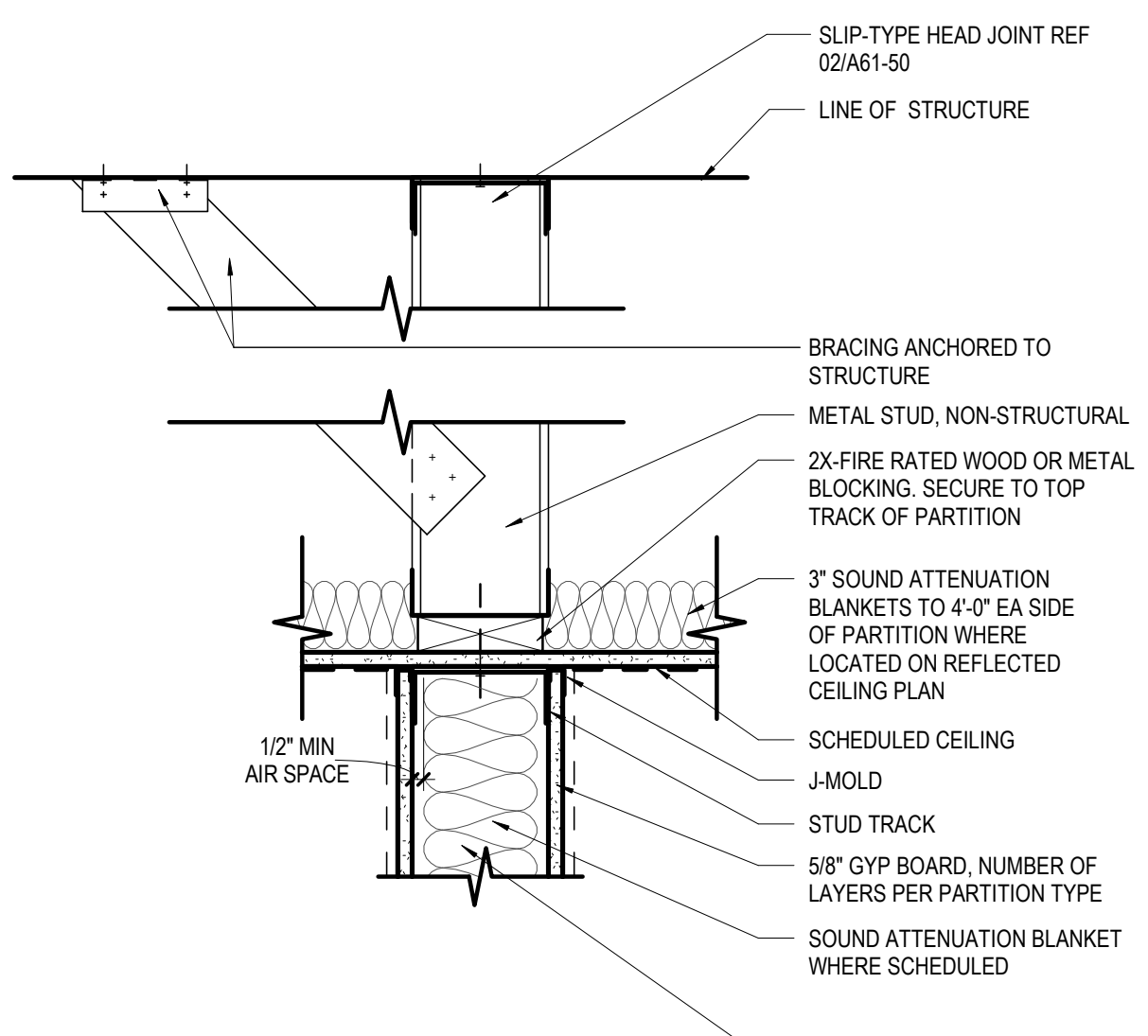
14 PARTITION PLAN DETAILS 1 1/2" = 1'-0" | PARTITION INTERSECTIONS AND GYP CONTROL JOINTS



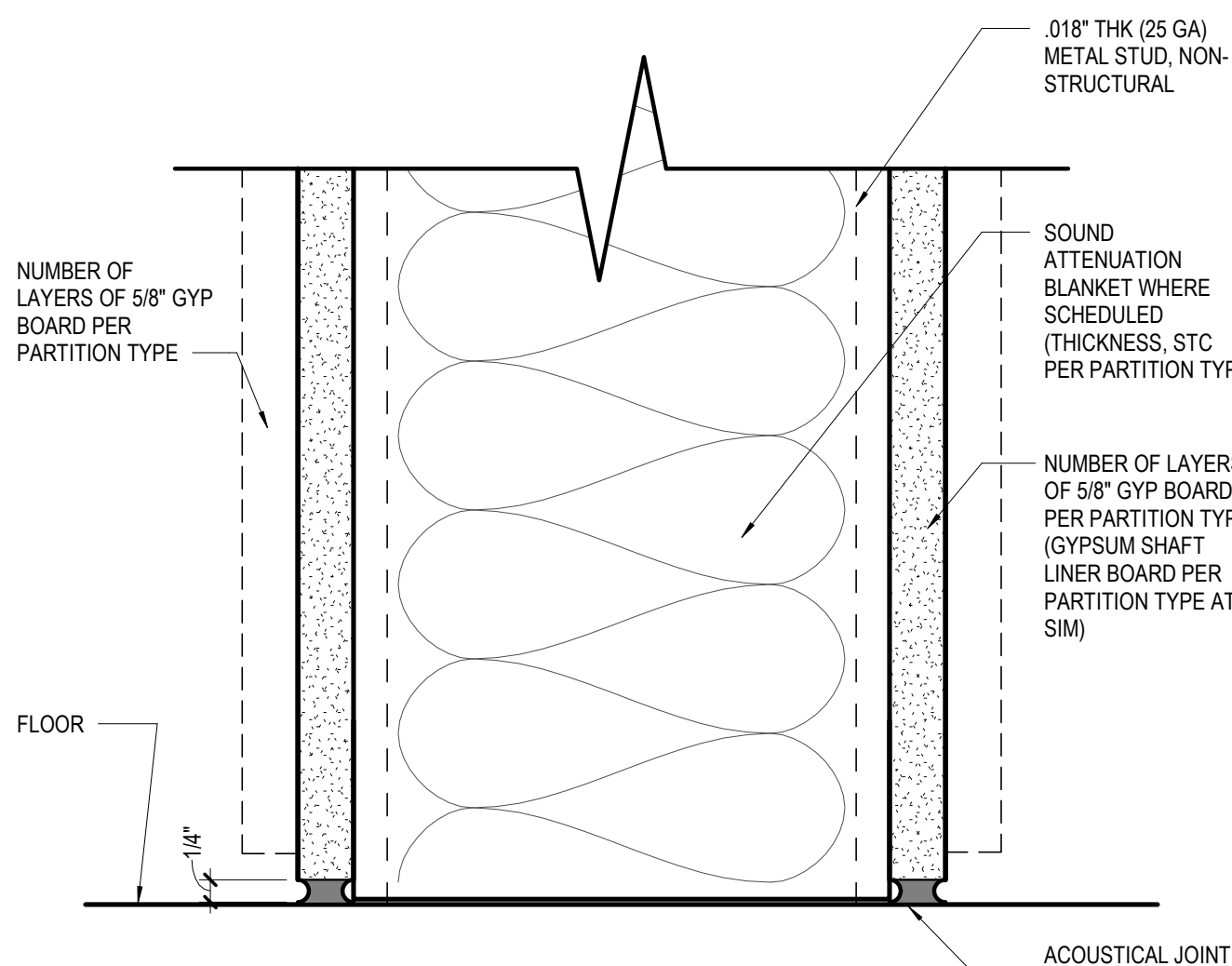
10 PARTITION SECTION 1 1/2" = 1'-0" | @ BRACING OF FREE STANDING STUD FURRING



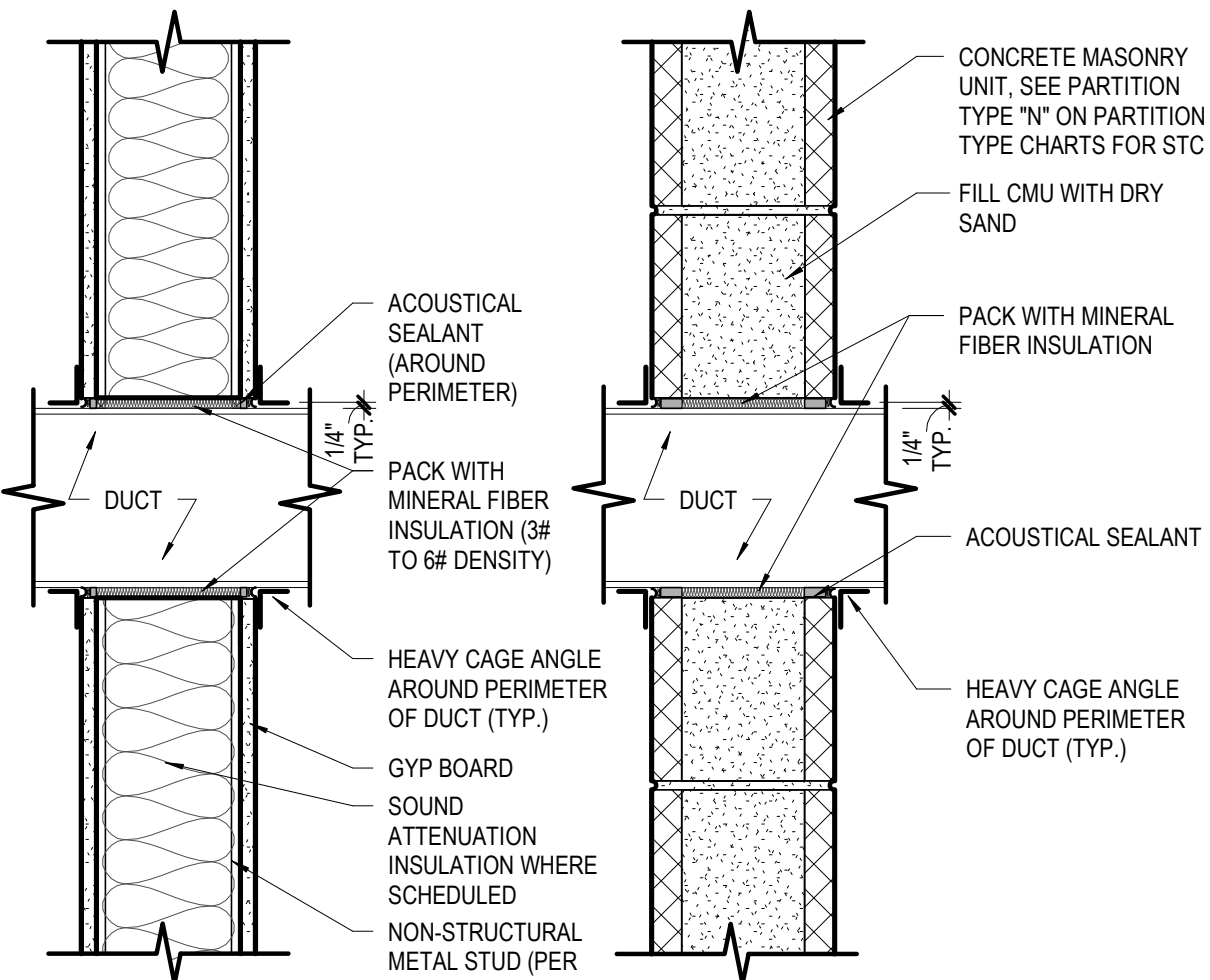
05 PARTITION @ HEAD 1 1/2" = 1'-0" | GYPSUM BOARD STOPS AT THE UNDERSIDE OF DECK



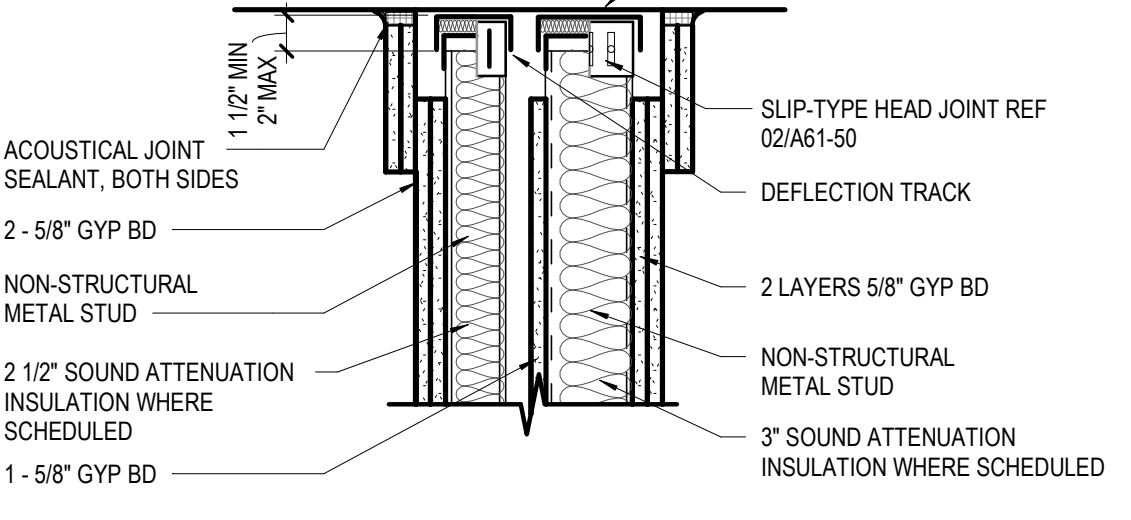
02 TYPICAL SLIP-TYPE HEAD JOINT 6" = 1'-0"



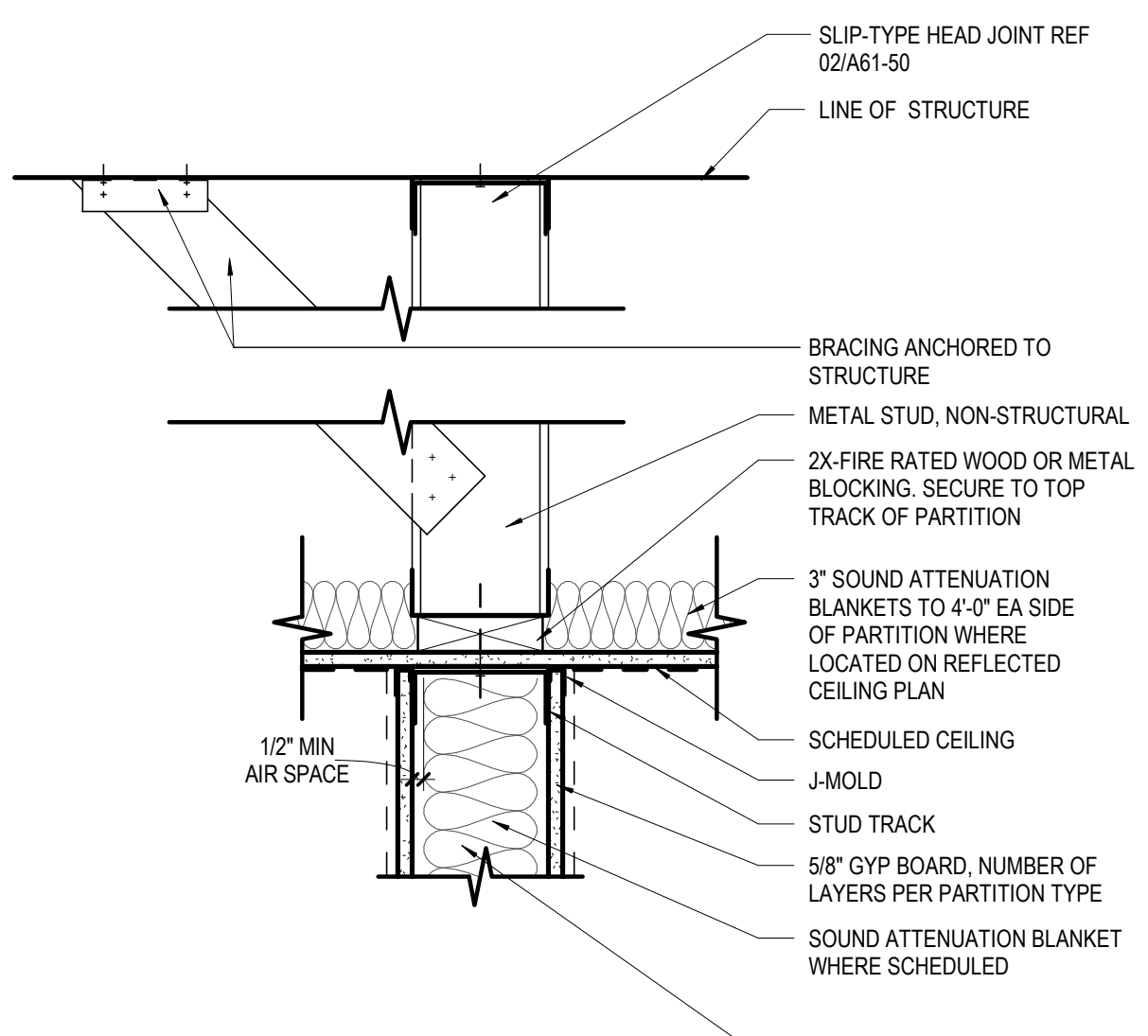
13 DUCT SLEEVE SECTION 1 1/2" = 1'-0" | THRU NON-RATED METAL & CMU PARTITION



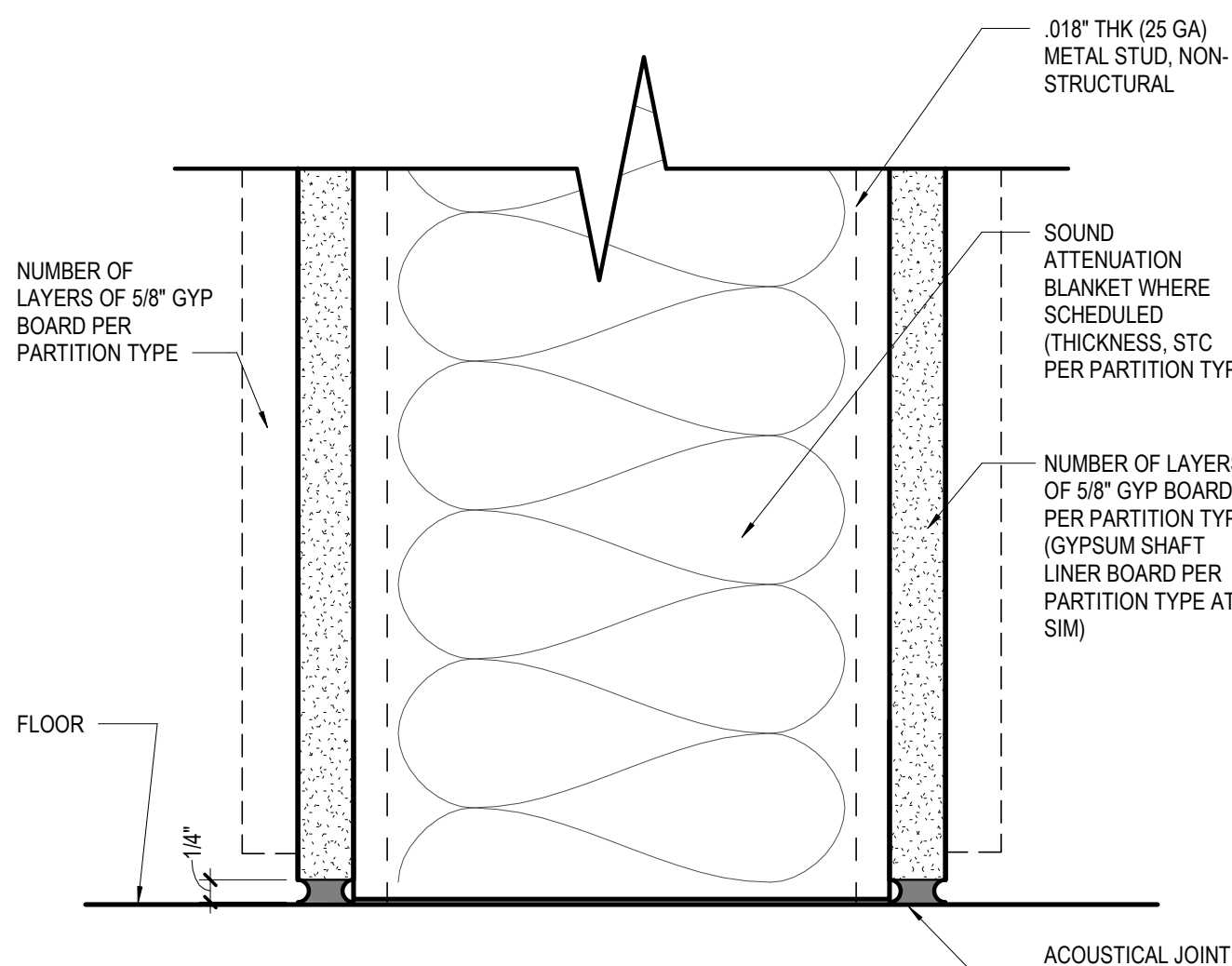
09 PARTITION @ HEAD 1 1/2" = 1'-0" | ACOUSTICAL PARTITION (TYPE U SIM) HEAD DETAIL



04 PARTITION @ CEILING 1 1/2" = 1'-0" | WHERE GYPSUM BOARD STOPS AT THE CEILING

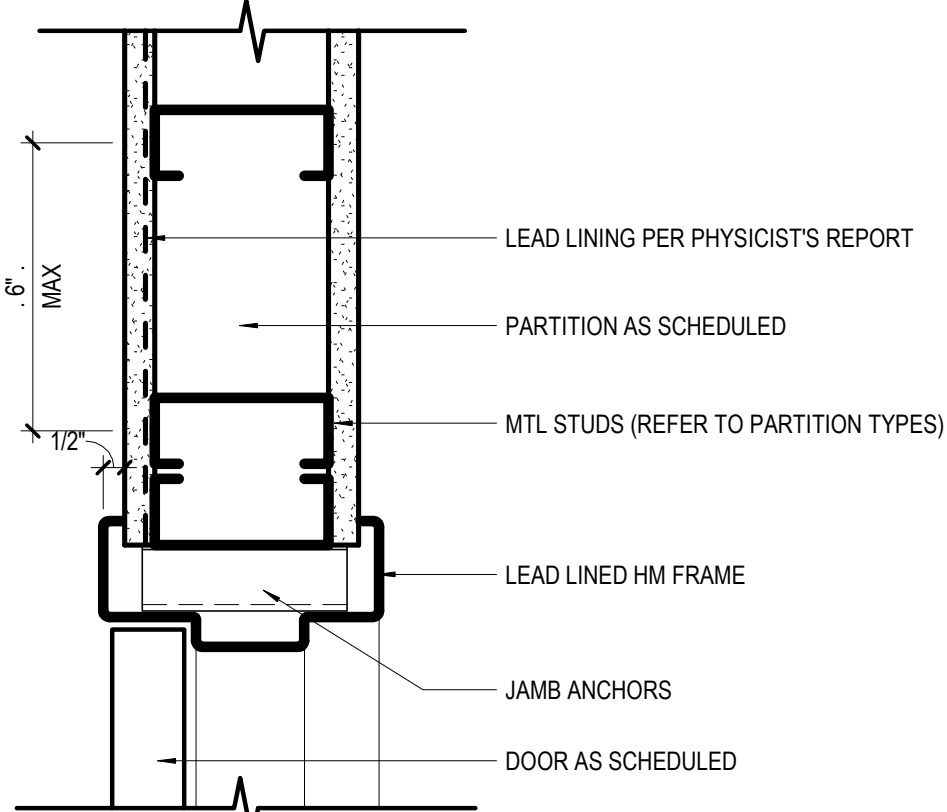


01 PARTITION @ FLOOR 6" = 1'-0"

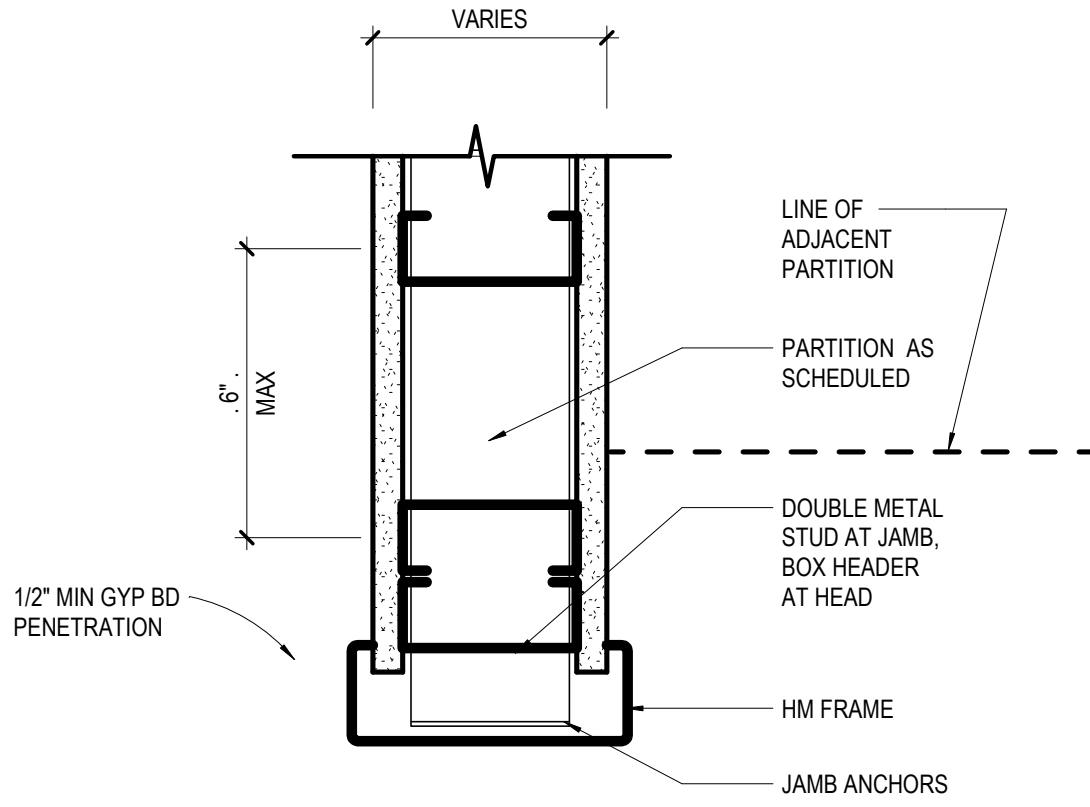


DOOR SCHEDULE																
DOOR SCHEDULE																
MARK		DOOR				FRAME							FIRE RATING	AAOS Shared HW Set	DOOR SCHEDULE	
DOOR NO	ROOM NAME	W	HT	THK	TYPE	MATL	FINISH	GLZ	TYPE	MATL	FINISH	HEAD	JAMB	SILL	REMARKS	
101	OFFICE	3'-0"	7'-0"	0'-1.34"	HD	WD		GL-2	A	HM		03/A62-01	03/A62-01		10.0	
105A	CORRIDOR	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		2.0	
105B	WAITING	4'-0"	9'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		5.0	CASED OPENING
107	TOILET	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		4.0	PRIVACY LOCKSET
145	PET CONTROL	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		9.0	PASSAGE LATCHSET
156	OFFICE	3'-0"	7'-0"	0'-1.34"	FG	WD		GL-2	A	HM		02/A62-01	01/A62-01		11.0	OFFICE LOCKSET, WFI FILM ON DOOR
159A	PET EQPT	3'-6"	7'-0"	0'-1.34"	F	WD			B	HM		02/A62-01	01/A62-01		45	STORAGE LOCKSET
161	PET SCANNER	5'-0"	7'-0"	0'-1.34"	F	WD			A	HM		04/A62-01	04/A62-01		3.0	PASSAGE LATCHSET, LEAD LINED OPENING
162	UPTAKE EXAM	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		04/A62-01	04/A62-01		8.0	PASSAGE LATCHSET, LEAD LINED OPENING
163	UPTAKE EXAM	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		04/A62-01	04/A62-01		8.0	PASSAGE LATCHSET, LEAD LINED OPENING
164	UPTAKE EXAM	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		04/A62-01	04/A62-01		8.0	PASSAGE LATCHSET, LEAD LINED OPENING
165	TESTING	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		8.0	PASSAGE LATCHSET
166	WAITING	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		A62-01	A62-01		1.0	ENTRY W/ CARD READER
IE4	IT ROOM	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		45	STORAGE LOCKSET
IT8	STORAGE	3'-0"	7'-0"	0'-1.34"	F	WD			A	HM		02/A62-01	01/A62-01		45	STORAGE LOCKSET
Grand total: 15																

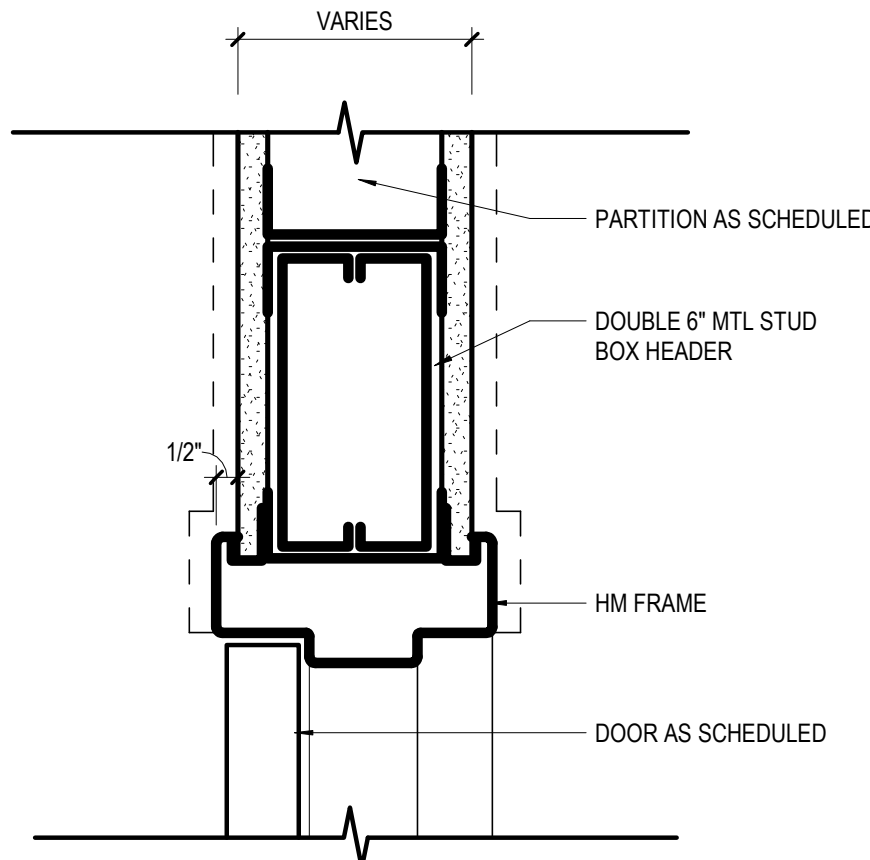
04 LEAD LINED DOOR - JAMB DETAIL / HEAD SIM
3" = 1'-0"



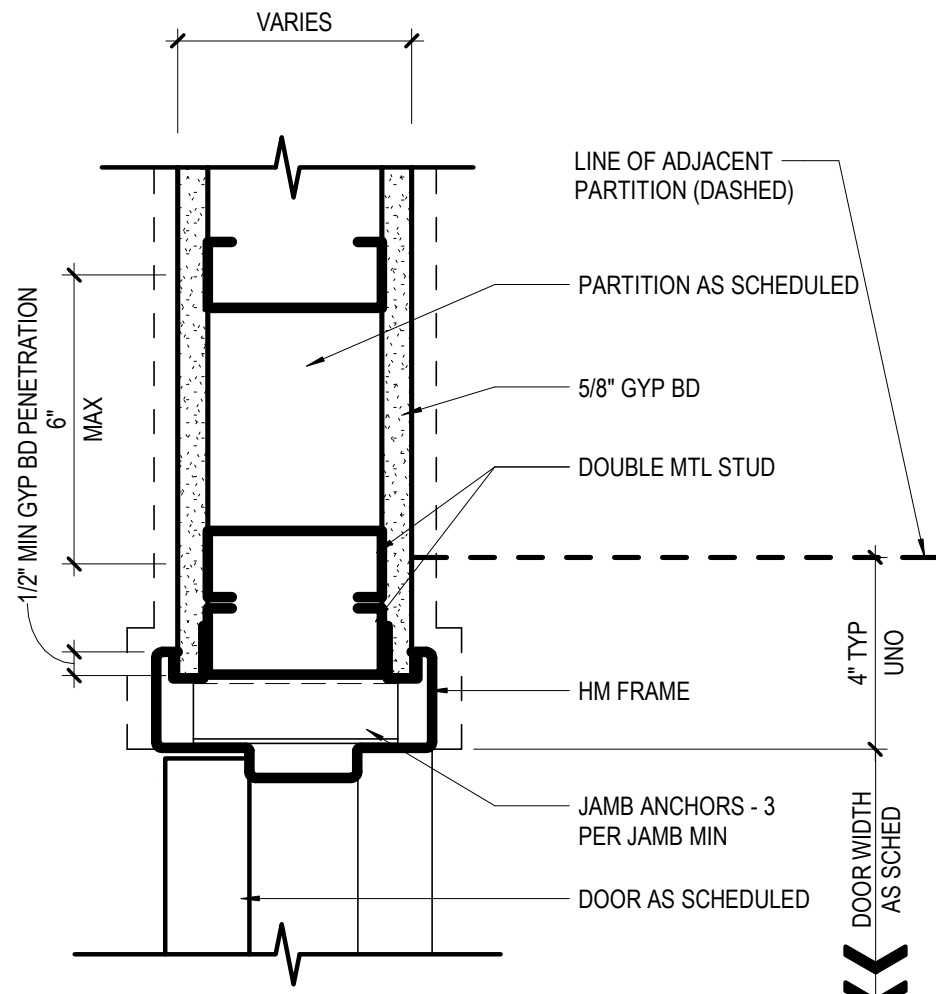
03 CASED OPENING - JAMB / HEAD DETAIL
3" = 1'-0"



02 HOLLOW METAL DOOR FRAME - HEAD DETAIL
3" = 1'-0"



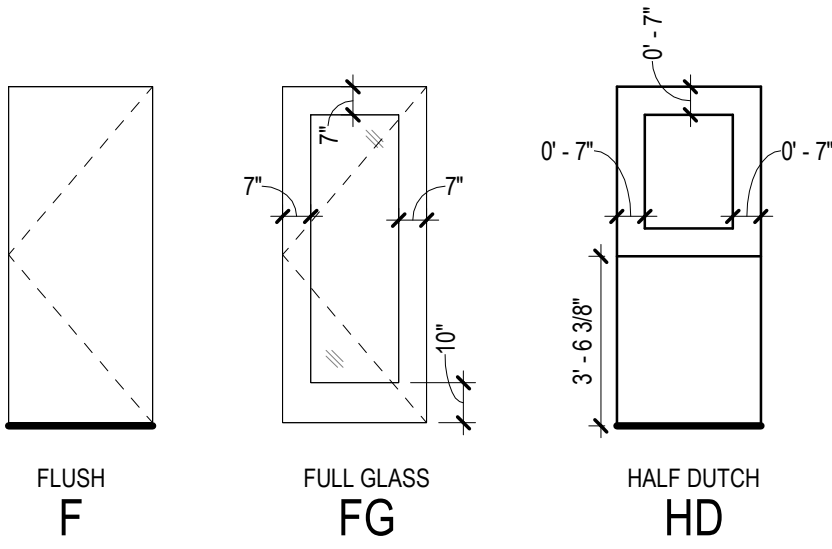
01 HOLLOW METAL DOOR FRAME - JAMB DETAIL
3" = 1'-0"



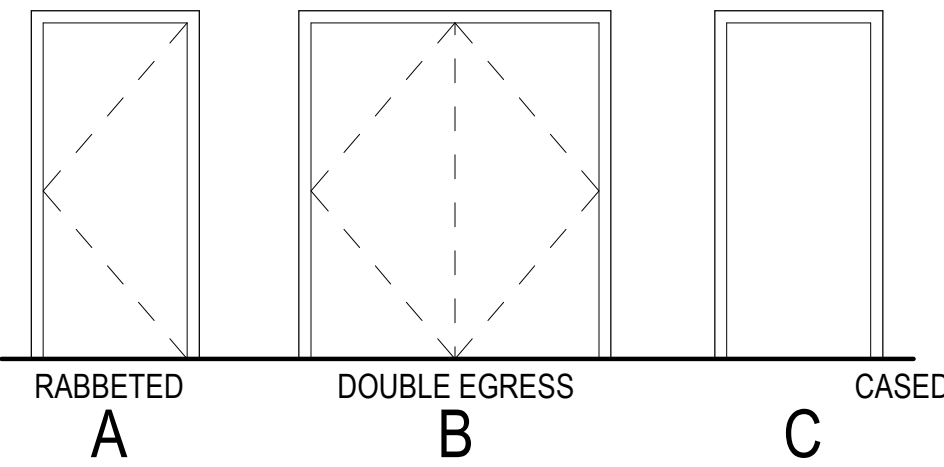
DOOR SCHEDULE GENERAL NOTES

- REFER TO A62-01 (INTERIOR AND EXTERIOR) SERIES FOR THE GLAZING SCHEDULE.
- REFER TO A62-01 SERIES FOR DOOR HEAD JAMB AND SILL DETAILS.
- ALL DOORS IN SMOKE RESISTANT PARTITIONS TO HAVE POSITIVE LATCHING.
- PROVIDE FIRE-RATED OR FIRE-RESISTIVE-RATED GLAZING IN FIRE RATED DOORS.
- ALL DOORS TO HAVE BOXED HEADERS UNLESS OTHERWISE INDICATED BY HEAD DETAIL.
- "SWING CLEAR" HINGES SHALL BE PROVIDED AT TREATMENT ROOM AND PROCEDURE ROOM DOORS.
- GLAZING IN FIRE RATED DOORS GREATER THAN 45 MINUTES SHALL BE "FIRE - RESISTANT RATED" GLAZING IF GLAZING IS GREATER THAN 100 SQUARE INCHES.
- SIDELIGHTS AND/OR TRANSOMS AND FRAME IN FIRE RATED OPENINGS GREATER THAN 45 MINUTES SHALL BE "FIRE RESISTANT-RATED" GLAZING AND TESTED AS AN ASSEMBLY.
- DOOR UNDERCUTS SHALL NOT EXCEED 1/2" AFF.

DOOR TYPES



DOOR FRAME TYPES



DOOR SCHEDULE REMARKS

- PROVIDE WITH MAGNETIC HOLD OPEN
- VIEW WINDOWS IN LARGER LEAF ONLY
- REFER TO **AXX** SERIES (VIEW WINDOW SCHEDULE) FOR ELEVATION OF INTERIOR DOOR WITH A SIDELIGHT
- AUTOMATIC CARD SWIPE DOOR
- INTEGRAL BLINDS (CONTROLS ON INTERIOR ROOM SIDE ONLY)
- DOOR SWINGS 180°
- DOOR SWINGS BOTH WAYS
- INTEGRATED FIRE DOOR ASSEMBLY
- ALUMINUM FRAMED STOREFRONT, REFER TO **AXX** SERIES (EXTERIOR GLAZED OPENING SCHEDULE) FOR ELEVATION
- PROVIDE STEEL CHANNEL FRAME AT HEAD AND JAMB OF DOOR PER DETAILS **XXXX-XX** AND **X/XXXX-XX**
- RADIATION PROTECTION DOOR AND FRAME
- SOUND CONTROL DOOR ASSEMBLY

DOOR SCHEDULE ABBREVIATIONS

GENERAL ABBREVIATIONS:	
AL1	ANODIZED ALUMINUM
AL2	BROKEDZ ALUMINUM
BR	BALLISTICS RESISTANT HOLLOW METAL DOOR
HCWD	HOLLOW CORE WOOD
HM	HOLLOW METAL
LI	LEAD LINED
+	REFER TO MANUFACTURER
PH	PACKAGE HEIGHT
PLAM	PLASTIC LAMINATE FACED DOOR
PNT	PAINTED FINISH
PW	PACKAGE WIDTH
SCWD	SOLID CORE WOOD
STF	STAINED FINISH
SO	SWING OUT, SIDELIGHT
SR	SMOKE RESISTANT
SST	STAINLESS STEEL FINISH
SX	SWING SLIDE PANEL

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PROJECT

UNT Health Imaging
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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

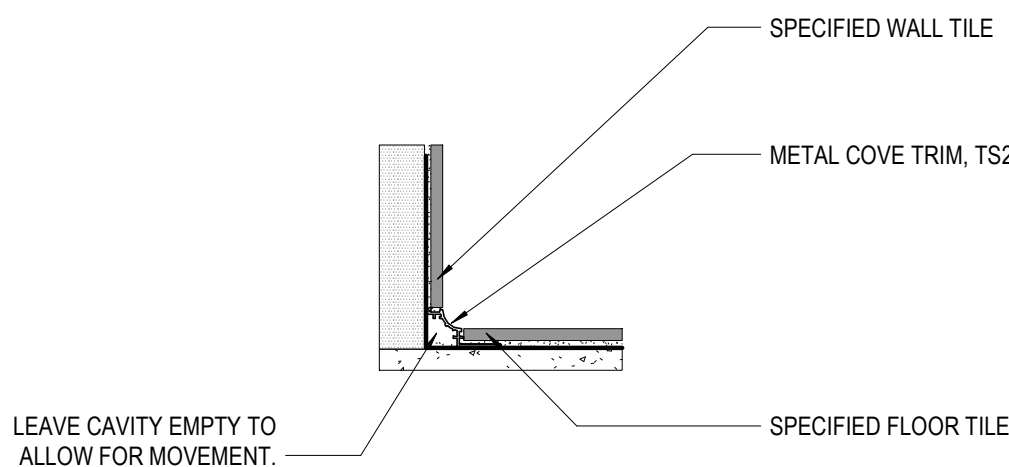
DOOR SCHEDULE AND
DOOR FRAME
DETAILS

SHEET NUMBER

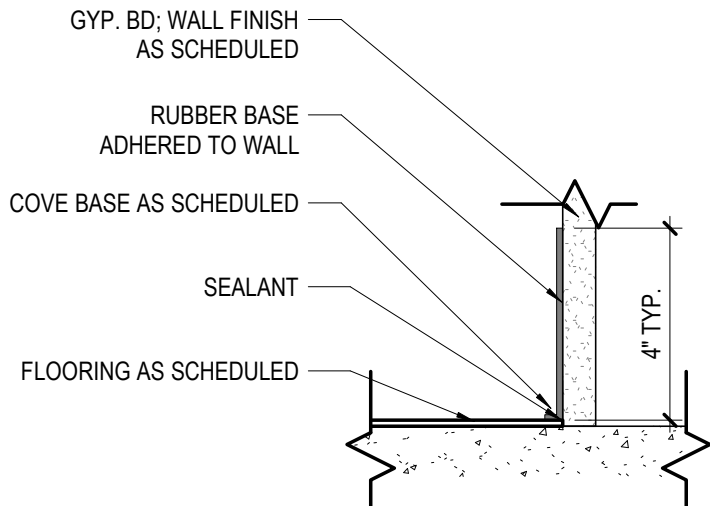
A62-01

2/13/2026 4:39:02 PM Autodesk Docs\\UNT-HSC Imaging Lab PET Addition\\UNT-HSC ITR Imaging Center.rvt

FINISH SCHEDULE						
MARK	MANUFACTURER		STYLE/COLOR/FINISH	COMMENTS	CONTACT	COMMENTS
BASE						
RB1	ROPPE		4" COVED RUBBER BASE, COLOR: 17S SLATE	CONTINUOUS ROLLED GOODS WITH JOE FORMED CORNERS.		BASE
RB2	ROPPE		MILLWORK RUBBER BASE, STYLE: PV4060 CANDID 4.25" H, COLOR: 17S SLATE			BASE
CEILING						
APC-1A	ROCKFON		24" X 24" - ARTIC SLN620	GRID 15/16" - SQUARE EDGE		CEILING
APC-2A	ROCKFON		24" X 24" - SONAR SLN16200	GRID: SQUARE TEGULAR NARROW		CEILING
LUXURY VINYLE TILE						
LVT1	SHAW CONTRACT		0926V INLET BREV, 9'X48"			LUXURY VINYLE TILE
PAINT						
P1	BENJAMIN MOORE		ULTRASPEC 500, EGGSHELL/OC-26 SILVER SATIN	GENERAL WALL PAINT		PAINT
P1A	BENJAMIN MOORE		WATER BASED CATALYZED EPOXY, SEMI-GLOSS/OC-26 SILVER SATIN	EPOXY WALL PAINT		PAINT
P2	BENJAMIN MOORE		SEMI-GLOSS ALKYD ENAMEL/HC-105 ROCKPORT GRAY	TYPICAL DOOR FRAME PAINT		PAINT
P3	BENJAMIN MOORE		ECO SPEC WB, EGGSHELL/CC-20 DECORATOR'S WHITE	TYPICAL CEILING PAINT		PAINT
P3A	BENJAMIN MOORE		WATER BASED CATALYZED EPOXY, SEMI-GLOSS/CC-20 DECORATOR'S WHITE	EPOXY CEILING PAINT		PAINT
P4	BENJAMIN MOORE		ECO SPEC WB, EGGSHELL/HC-105 ROCKPORT GRAY	NEUTRAL ACCENT PAINT		PAINT
P5	BENJAMIN MOORE		ECO SPEC WB, EGGSHELL/HC-159 NEWBURG GREEN	CORRIDOR ACCENT PAINT		PAINT
P8	BENJAMIN MOORE		ECO SPEC WB, EGGSHELL/HC-114 SAYBROOK SAGE	PET ACCENT PAINT		PAINT
P9	BENJAMIN MOORE		ECO SPEC WB, EGGSHELL/HC-169 COVENTRY GRAY	CORRIDOR ACCENT PAINT		PAINT
PLASTIC LAMINATE						
PL1	FORMICA		FORMICA 9283 - WALNUT RIFTWOOD, TEXTURE: NATURAL GRAIN	PROVIDE MATCHING 3MM PVC EDGEBANDING		PLASTIC LAMINATE
PL2	FORMICA		FORMICA 7413 - PLANKED COFFEE OAK, TEXTURE: PURE GRAIN	TO MATCH DOOR STAIN		PLASTIC LAMINATE
SEALED CONCRETE						
SC						SEALED CONCRETE
SOLID SURFACE						
SS1	CORIAN		DEEP CLOUD			SOLID SURFACE
TILE						
CT1	CROSSVILLE		GRADIENT 3"X12" - 50% MIX OF WHITE GLOSS/WHITE MATTE, GROUT: CUSTOM BUILDING PRODUCTS FUSION PRO PRE-MIXED GROUT, COLOR #381 BRIGHT WHITE			TILE
PT1	CONCEPT SURFACES		OCHE - AQUA, 12"X24"	CUSTOM BUILDING PRODUCTS FUSION PRO PRE-MIXED GROUT, COLOR #542 GRAYSTONE, 1/8" GROUT JOINT.		TILE
PT2	CROSSVILLE		NEST, AV256 SLUMBER OAK UNFINISHED, 6"X36"	CUSTOM BUILDING PRODUCTS FUSION PRO PRE-MIXED GROUT, COLOR TBD, 1/8" GROUT JOINT.		TILE
TS1	SCHLUTER		QUADEC-AE	USE ALL TRIM PIECES, TOP, INSIDE AND OUTSIDE CORNER OF WALL TILE INSTALLATION.		TILE
TS2	SCHLUTER		DILEX-AHK PROVIDE AT ALL TILE FLOORING WHERE IT ABUTS TILE WALL, REF DETAIL THIS SHEET			TILE
WALL COVERING						
WC1	NORDGRONA		PIXEL	WAITING ROOM DISPLAY NICHE		WALL COVERING
WALL PROTECTION						
WP1	INPRO CORPORATION		2" 160 BLUENOSE CORNER GUARD, COLOR TO MATCH EXISTING PET SCANNER, VIF			WALL PROTECTION
WP2	INPRO CORPORATION		PALLADIUM RIGID SHEET, COLOR TO MATCH EXISTING PET SCANNER, VIF	TYPICAL RIGID SHEET		WALL PROTECTION
WINDOW FILM						
WF1	NATIONAL LEVEL WALLCOVERING		BORDERLINE WHITE ON FILM			WINDOW FILM
WF2	SOLYX FILM 60" WIDE		COLOR TO MATCH SPANDREL GLASS			WINDOW FILM

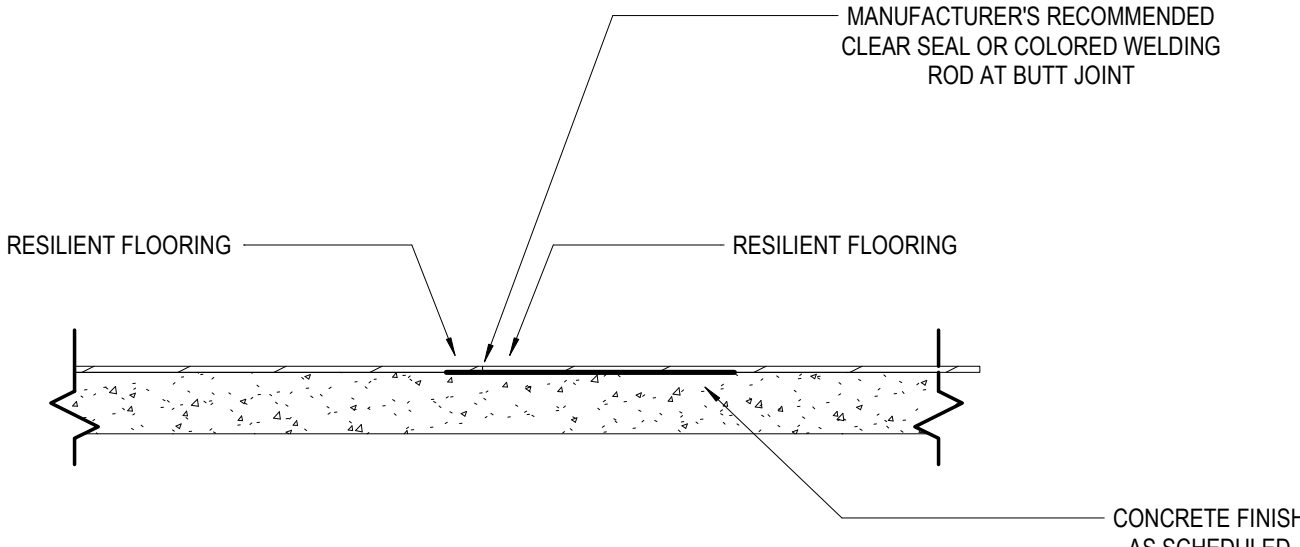


05 TILE AT METAL COVE BASE
3" = 1'-0"



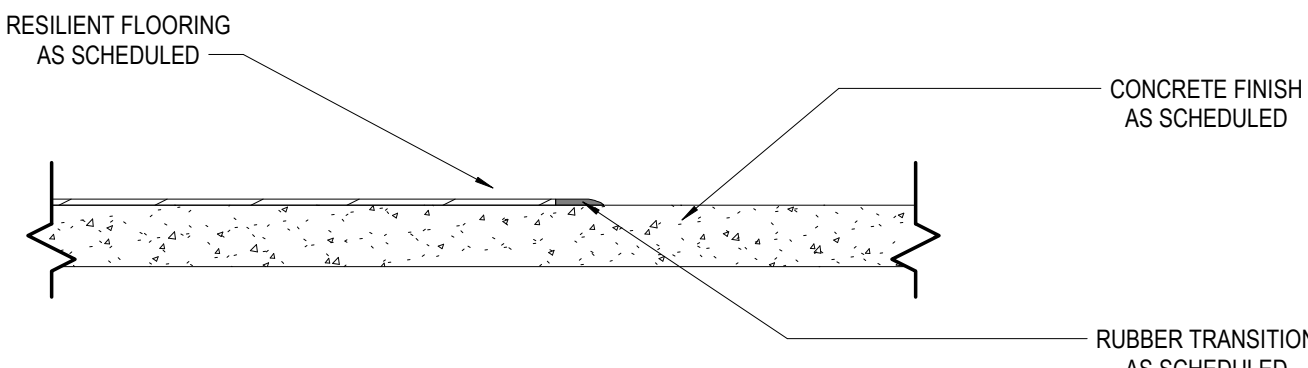
04 RB# BASE
3" = 1'-0"

NOTES:
1. APPLY FLOOR POLISH TO ALL SEALED BUTT JOINTS AS REQUIRED BY MANUFACTURER
2. FLOAT FLOORING AS NECESSARY TO AVOID ABRUPT CHANGES IN HEIGHT AT TRANSITIONS
3. FLOORING TRANSITIONS TO OCCUR AT CENTER OF DOOR LEAF, U. N. O.



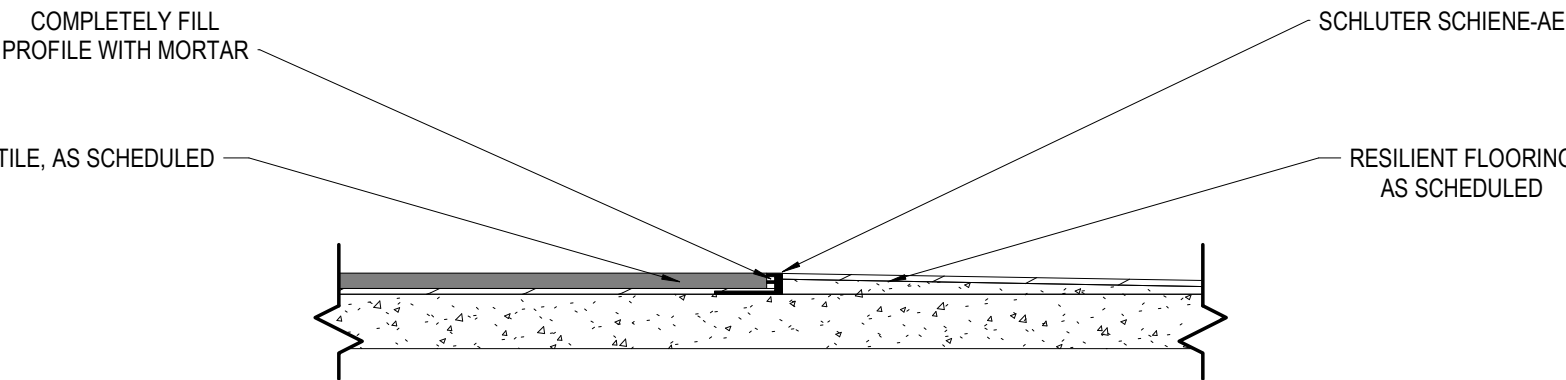
03 RESILIENT TO RESILIENT - SHEET TO TILE
3" = 1'-0"

NOTES:
FLOORING TRANSITIONS TO OCCUR AT CENTER OF DOOR LEAF, U. N. O.



02 RESILIENT TO SC - ROPPE
3" = 1'-0"

NOTES:
FLOAT RESILIENT FLOORING OR USE LEVELER STRIP AS NECESSARY TO AVOID ABRUPT CHANGE IN HEIGHT AT TRANSITION



01 PORCELAIN TILE TO RESILIENT - SCHIENE
3" = 1'-0"

FINISH LEGEND NOTES

FLOORS:

- ALL FLOOR FINISH TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION.
- REFER TO A64-01 SERIES FOR FLOOR TRANSITION AND THRESHOLD DETAILS.
- RESILIENT FLOOR TRANSITION COLOR TO MATCH XXX.
- SCHLUTER FINISH TO BE BRUSHED **ANODIZED ALUMINUM**
- REFER TO A13-01A SERIES FOR ALL FLOOR PATTERNS.

WALL BASE:

WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A COVE METAL TRIM.
WALL:

- PAINT ALL ELECTRICAL AND ACCESS PANELS TO MATCH ADJACENT WALL COLOR.

CEILINGS:

- HORIZONTAL AND VERTICAL SURFACE OF FURR-DOWN TO MATCH ADJACENT WALLS AND CEILING, UNLESS OTHERWISE INDICATED.
- REFER TO REFLECTED CEILING PLANS FOR ALL CEILING HEIGHTS.
- PAINT ALL ACCESS PANELS IN CEILING TO MATCH ADJACENT CEILING COLOR.

DOORS/WINDOWS:

- INTERIOR HOLLOW METAL DOOR & FRAME, AND INTERIOR SURFACE OF EXTERIOR HOLLOW METAL DOOR & FRAME TO BE PAINTED COLOR P2, UNLESS OTHERWISE INDICATED.
- ALL INTERIOR VISION PANEL FRAMES TO BE PAINTED P2, UNLESS OTHERWISE INDICATED.
- REFER TO FINISH PLANS FOR WINDOW TREATMENTS OTHER THAN WINDOWS WITH INTEGRAL BLINDS, BY SOFT GOODS CONTRACTOR.

ACCESSORIES:

- REFER TO THE INTERIOR FINISH PLANS FOR WALL PROTECTION LOCATIONS. REFER TO INTERIOR FINISH LEGEND FOR SPECIFIC PROFILES AND COLORS.
- TOILET PARTITION COLOR TO MATCH COLOR USED IN EXISTING BUILDOUT.
- ALL FIRE EXTINGUISHER CABINETS TO BE PAINTED P1.

MILLWORK:

- TYPICAL CABINETRY TO BE PL1, UNLESS OTHERWISE INDICATED.
- TYPICAL COUNTERTOPS TO BE SS1, UNLESS OTHERWISE INDICATED.

FINISH TAG LEGEND

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES	
PLASTIC LAMINATE	PL
SOLID SURFACE MATERIAL	SS
DIVISION 09 - FINISHES	
ACOUSTICAL PANEL CEILING	APC
CERAMIC TILE	CT
EXPOSED STRUCTURE	ES
LUXURY VINYL TILE	LVT
PAINT	P
PORCELAIN TILE	PT
RESILIENT BASE & ACCESSORIES	RB
SEALED CONCRETE	SC
WALL COVERING	WC
DIVISION 10 - SPECIALTIES	
WALL PROTECTION	WP

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3400 Camp Bowie Blvd. Fort Worth, Texas
76107

FACILITY
UNT Health Fort Worth

3400 Camp Bowie Blvd. Fort Worth, Texas
76101



02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

INTERIOR FINISH
SCHEDULE AND
LEGEND

SHEET NUMBER

A64-01

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ISSUE FOR CONSTRUCTION FEBRUARY 13, 2026

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02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

SIEMENS SITE
SPECIFIC

SHEET NUMBER

Q01-01

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION FEBRUARY 13, 2026

ARCHITECTURAL NOTES

- 1) ALL PRELIMINARY EQUIPMENT LAYOUTS SUBMITTED BY SIEMENS HEALTHCARE ARE BASED ON THE REQUIRED SPACE NECESSARY FOR THE OPERATION AND SERVICEABILITY OF THE EQUIPMENT BEING PROPOSED. SIEMENS WILL NOT SUBMIT AN EQUIPMENT LAYOUT THAT IS NOT IN THE BEST INTEREST OF BOTH THE CUSTOMER AND SIEMENS. ALL EQUIPMENT LAYOUTS ARE BASED EITHER ON AN ACTUAL SITE SURVEY OR ARCHITECTURAL DRAWINGS SUPPLIED TO SIEMENS. SIEMENS WILL NOT BE RESPONSIBLE FOR ANY ALTERATIONS THAT ENCOMPASS WITHIN DESIGNATED SAFETY AND SERVICE CLEARANCE ZONES AS INDICATED ON DRAWINGS (I.E., PIPE CHASES, VENTILATION DUCTS, CASEWORK, AND SOFFITS, ETC.) MADE BY THE CUSTOMER OR REQUIRED BY A CUSTOMER'S ARCHITECTURAL FIRM ONCE PRELIMINARY DRAWINGS HAVE BEEN SUBMITTED AND APPROVED. DO NOT ALTER ANY SPECIFICATIONS AND/OR DIMENSIONS WITHOUT CONTACTING AND RECEIVING WRITTEN CONFIRMATION FROM SIEMENS PROJECT MANAGER.
- 2) SIEMENS HEALTHCARE IS NOT AN ARCHITECTURAL OR ENGINEERING FIRM. DRAWINGS SUPPLIED BY SIEMENS ARE NOT CONSTRUCTION DRAWINGS. THEREFORE, THESE DRAWINGS ARE TO BE USED ONLY FOR INFORMATION TO COMPLEMENT ACTUAL CONSTRUCTION DRAWINGS AVAILABLE FROM A CUSTOMER APPOINTED ARCHITECTURAL REPRESENTATIVE OR A CUSTOMER'S ENGINEERING DESIGN GROUP. THE CUSTOMER'S ARCHITECT AND GENERAL CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE CODES AND PROFESSIONAL DESIGN REQUIREMENTS INCLUDING OSHA/NEC SAFETY CLEARANCE REQUIREMENTS IN ADDITION TO SIEMENS-REQUIRED SAFETY CLEARANCES SHOWN.
- 3) THE CUSTOMER IS RESPONSIBLE FOR ALL ROOM AND AREA PREPARATION COSTS, PROFESSIONAL FEES, PERMITS, REPORTS, AND INSPECTION FEES.
- 4) EQUIPMENT WARRANTIES, EXPRESSED OR IMPLIED ON THE PART OF SIEMENS SHALL BE CONTINGENT UPON STRICT COMPLIANCE WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND RECOMMENDATIONS AND REQUIREMENTS CONTAINED IN THESE DRAWINGS, UNLESS SPECIFIED OTHERWISE.
- 5) ALL DIMENSIONS SHOWN ARE FROM FINISHED SURFACES UNLESS SPECIFIED OTHERWISE.
- 6) THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENTS. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST ACTUAL PROTECTION REQUIREMENTS SHALL BE SPECIFIED BY A REGISTERED RADIATION PHYSICIST AT CUSTOMER'S ENGAGEMENT AND EXPENSE. RESPONSIBILITY FOR ALL INFORMATION AS TO THE ROOM LOCATION, USE, AND NUMBER OF ANTICIPATED EXAMINATIONS TO BE PERFORMED PER TIME PERIOD SHALL BE PROVIDED TO THE PHYSICIST BY THE CUSTOMER. THE CUSTOMER SHALL FURTHER TAKE ALL RESPONSIBILITY IN THE COMMUNICATION AND COORDINATION OF ACTIVITIES OF THE RADIATION PHYSICIST AND THE ARCHITECTURAL REPRESENTATIVE.
- 7) SIEMENS HEALTHCARE SHALL BE RESPONSIBLE FOR SIEMENS EQUIPMENT INSTALLATION, CALIBRATION, CONNECTION AND INSTALLATION OF SIEMENS PROVIDED CABLES. THE CUSTOMER/ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR TERMINATIONS OF CUSTOMER/ELECTRICAL CONTRACTOR-SUPPLIED CABLES TO SIEMENS EQUIPMENT. IN THE EVENT THAT SPECIFIC TRADE RULES OR LICENSE REQUIREMENTS PROHIBIT THIS, THE CUSTOMER SHALL INITIATE THE SERVICES OF APPROVED OTHER CONTRACTORS AND PAY FOR SELECTED, APPROVED PARTIES TO PERFORM THIS WORK WITH SUPERVISION PROVIDED BY SIEMENS. CALIBRATION WHEN ACCOMPLISHED OUTSIDE OF NORMAL INSTALLATION SEQUENCES DUE TO CONTRACTOR OR TRADE RULE ACTIONS OR REQUIREMENTS SHALL BE SUPPORTED BY, CHARGED TO, AND ACCEPTED BY THE CUSTOMER AS AN ADDITIONAL INSTALLATION EXPENSE.
- 8) THE CUSTOMER SHALL COORDINATE WITH SIEMENS PROJECT MANAGER THE LOCATIONS AND TRAVEL OF ALL ANCILLARY EQUIPMENT TO BE CEILING OR WALL MOUNTED (I.E., OR LIGHTS, MEDICAL GAS COLUMNS, PHYSIOLOGICAL MONITORING INJECTORS, CRT PLATFORMS, SPRINKLER HEADS, SMOKE DETECTORS, ELECTRICAL OUTLETS, HVAC GRILLES, SPEAKERS, AND GENERAL ROOM LIGHTING, ETC.).
- 9) THE GENERAL CONTRACTOR/CUSTOMER SHALL BE RESPONSIBLE FOR ALL FINAL PAINT, TOUCH-UP AND ANY COSMETIC OR TRIM WORK WHICH NEEDS TO BE OR IS REQUIRED TO BE COMPLETED AFTER THE INSTALLATION OF THE SIEMENS EQUIPMENT AND ANY ASSOCIATED SUPPORT APPARATUS.
- 10) CUSTOMER/CONTRACTOR MUST ASSIST SIEMENS INSTALLERS WITH INSTALLATION OF EQUIPMENT ABOVE 14'-0". REFER TO THE ELECTRICAL NOTES ON SIEMENS SHEET E-101 FOR MORE DETAILS.

RADIATION SAFETY

LEAD OR EQUIVALENT SHIELDING MAY BE REQUIRED IN THE WALLS OF THE SCANNER ROOM, HOTLAB AND/OR PATIENT PREPARATION AREAS. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO VERIFY WITH THE SITE'S RADIATION SAFETY OFFICER THAT RADIATION DOSE RATES FROM THE PET PATIENT AND/OR ISOTOPE WILL NOT EXCEED LOCAL RADIATION SAFETY GUIDELINES IN THE ROOM ADJACENT TO SCANNER, HOTLAB, AND/OR PATIENT PREPARATION AREAS.

IMPROPER SHIELDING MAY AFFECT CAMERA'S PERFORMANCE.

RESOURCE LIST (SMS USE ONLY)

DESIGNATION	PG. NUMBER	DATE
BIOGRAPH VISION	M130-000.891.01.05.02	08/25
BIOGRAPH VISION WIRING DIAGRAM VGB0	M130-000.811.07.03.02	09/24
OPTIONS PLANNING GUIDE	M130-000.891.03.04.02	05/23

BIOGRAPH VISION
REV 24

SIEMENS

UNIVERSITY OF NORTH TEXAS

3400 CAMP BOWIE BOULEVARD, FORT WORTH, TX 76107
PET SCANNER 161 - BIOGRAPH VISION 450

PROJECT #:

2513583

SHEET:

A-101

SHEET 1 OF 9

DRAWN BY: M. COPLEY

DATE: 12/19/25

02/06/26

EQUIPMENT LEGEND

NO	DESCRIPTION	SMS SYM	WEIGHT (LBS)	BTU/HR TO AIR	DIMENSIONS (INCHES) W D H	REMARKS
1	KEYBOARD AND CONTROL BOX - ICS	⊖	—	—	—	ON CUSTOMER'S COUNTER
2	19" FLAT SCREEN DUAL CONTROL MONITORS	⊖	17.5	2,047	8 3/8 16 1/2 16 1/8	ON CUSTOMER'S COUNTER
3	SYNGO ACQUISITION WORKPLACE	⊖	<55	1,706	6 7/8 16 9/16 15 9/16	OFF FLOOR/IN CONTAINER
4	BIOGRAPH VISION 450 GANTRY (6 RING)	⊖	6,639	6,824	92 5/16 53 1/2 80 1/4	ADDITIONAL HEAT DISSIPATED TO WATER 54,594 BTU/HR
5	PATIENT TABLE	⊖	1,587	—	19 5/16 148 7/8 48	BTU/HR INCLUDED WITH GANTRY. NORMAL OPERATION HEIGHT 20.2" TO 37.5"
6	COMMON POWER DISTRIBUTION UNIT	⊖	952	5,118	27 5/8 35 11/16 66 1/4	ON FLOOR
7	POWER DISTRIBUTION CABINET & UPS	⊖	<1,374	6,824	35 3/8 27 3/16 76 7/8	UPS LOCATED INSIDE OF PDC
8	IMAGE RECONSTRUCTION SYSTEM	⊖	106	2,388	10 1/16 30 1/8 19 11/16	ON FLOOR
9	UNIFORM PHANTOM SHIELD (LEAD PIG)	⊖	500	—	17 25 1/2	RADIOACTIVE SOURCE STORAGE
10	PET GANTRY UPS	⊖	106	1,706	17 1/2 18 1/2 19 11/16	UPS LOCATED INSIDE cPDU
11	HEAT EXCHANGER CABINET - WATER/AIR SPLIT	⊖	911	3,412	39 3/8 27 1/4 77	ON FLOOR
12	OUTDOOR UNIT - WATER/AIR SPLIT	⊖	410	119,425	100 3/4 42 1/8 44 5/16	
13	OPERATING CONTROL CONSOLE W/KEYBOARD AND CONTROL BOX	⊖	91	—	47 1/4 31 1/2 28 3/4	DESIGN FROM YEAR 09/2005
14	CONTAINER & CONTAINER TABLE FOR ICS/IES	⊖	67	—	31 1/2 31 1/2 28 3/8	HOUSING FOR ICS/IES

CASEWORK & ACCESSORY NOTES

- 1) ALL CASEWORK IS EITHER EXISTING OR IS TO BE DESIGNED, DETAILED, FURNISHED AND INSTALLED BY THE CUSTOMER AND/OR CONTRACTOR. FOLLOW DESIGN RECOMMENDATIONS INCLUDED HEREWITH, AS THEY ARE ESSENTIAL FOR THE SUCCESSFUL INSTALLATION & OPERATION OF THE SIEMENS EQUIPMENT.
- 2) ALL FURNITURE (CHAIRS, ETC.) FOR THE CONTROL ROOM ARE TO BE PROVIDED BY THE CUSTOMER.

PLANNING REQUIREMENTS

EMERGENCY POWER OFF (EPO) BUTTONS REQUIRED IN CONTROL ROOM AREA, SCANNER ROOM AREA AND EQUIPMENT AREA.

DOOR (SAFETY) SWITCH REQUIRED ON ALL DOORS ACCESSING THE EXAMINATION ROOM IN ACCORDANCE WITH LOCAL CODES.

PROJECT MILESTONES TO BE COMPLETED BEFORE EQUIPMENT DELIVERY

CHECK STATUS	COMPLETION DATE	MILESTONES	REFERENCE SHEET
		SYSTEM STANDARDS	
		RADIOACTIVE MATERIALS LICENSE (RAM) LICENSE OBTAINED AND REVIEWED 4 WEEKS BEFORE DELIVERY.	A-101/A-102
		RADIOACTIVE SOURCES OF REQUIRED MATERIAL AND ACTIVITY AVAILABLE AT TIME OF INSTALL. G6-68 (GERMANIUM-68) LINE SOURCES.	A-101/A-102
		G6-68 (GERMANIUM-68) CYLINDRICAL PHANTOMS.	A-101/A-102
		STORAGE AREA COMPLETE FOR STORING RADIOACTIVE MATERIALS.	A-101/A-102
		LEAD SHIELDING (WALLS, DOORS, WINDOWS) COMPLETE.	A-101/A-102
		CLIMATE CONTROL FUNCTIONING 24 HOURS A DAY, 7 DAYS A WEEK.	A-101/A-102
		ALL ROOM CONTAINING SIEMENS EQUIPMENT ARE CLEAN AND DUST FREE.	A-101
		CASEWORK COMPLETE IN EXAM AND CONTROL ROOMS.	A-101/S-101
		CEILING HEIGHT VERIFIED (CHECK MINIMUM HEIGHT).	A-101
		ALL ROOMS CONTAINING SIEMENS EQUIPMENT AREA CLEAN AND DUST FREE.	A-101
		DELIVERY PATH VERIFIED. DELIVERY PATH MUST BE APPROVED BY CUSTOMER/SEOR AND DOCUMENTED.	A-102/A-501
		STRUCTURAL	
		FLOOR LEVELNESS VERIFIED AND WITHIN SPECIFICATIONS.	S-101/S-501
		FLOOR THICKNESS VERIFIED AND WITHIN SPECIFICATIONS.	S-101/S-501
		ELECTRICAL	
		CABLE RUNS CHECKED TO ENSURE MAXIMUM LENGTH NOT EXCEEDED.	E-101/E-102
		CABLE INLETS INSTALLED IN LOCATIONS PER PLANS.	E-101/E-102
		CABLE OUTLETS DUCTS AND FLOOR OPENINGS PER PLANS.	E-101/E-102
		CONTRACTOR SUPPLIED ELECTRICAL CABLING AND PIGTAILS INSTALLED.	E-101/E-102
		CONTRACTOR SUPPLIED ELECTRICAL OUTLETS AND RECEPTABLES.	E-101/E-102
		POWER REQUIREMENTS REVIEWED AND VERIFIED.	E-101/E-102
		ALL CONDUITS, TROUGHS, AND CORE DRILLS ARE OUTSIDE OF THE NO CORE DRILL ZONE AREAS.	S-101/S-501
		NETWORK ADDRESS OBTAINED FOR SIEMENS REMOTE SERVICES (SRS).	E-101/E-102
		NETWORK DATA DROPS INSTALLED (LANDED AND ACTIVE).	E-101/E-102
		I.P. AND PACS INFORMATION AVAILABLE AND PROVIDED TO SIEMENS REMOTE SERVICE TEAM (SRS).	E-101/E-102
		B2B VPN TUNNEL ESTABLISHED BY SRS TEAM.	E-101/E-102
		CONTRACTOR COORDINATION BETWEEN SITE AND A SERVICE CONSULTANT COMPLETE.	E-101/E-102
		ETHERNET LOCATED BY THE PDC CABINET INSTALLED.	E-102
		MAIN PANEL, BREAKERS, EPO'S INSTALLED PER PLAN AND FUNCTIONAL (OPTION).	E-101/E-102/E-501
		CONTRACTOR SUPPLIED EPO'S INSTALLED AND FUNCTIONING WITH MAIN POWER PANEL.	E-101/E-501
		CONTRACTOR SUPPLIED X-RAY WARNING LIGHT AND WIRING INSTALLED.	E-101/E-102
		MECHANICAL	
		WATER LINES FLUSHED AND PRESSURE TESTED FOR HARD PIPE ONLY.	M-101/M-501
		SYSTEM OPTIONS	
		VERTICAL DISTANCE BETWEEN INDOOR AND OUTDOOR UNIT VERIFIED (COOLING WATER/AIR SPLIT OPTION).	A-101/M-101
		OUTDOOR UNIT AND SERVICE SWITCH INSTALLED (COOLING WATER/AIR SPLIT OPTION).	M-101/M-501
		INDOOR HEAT EXCHANGER CABINET INSTALLED (COOLING WATER/AIR SPLIT OPTION).	M-101/M-501
		ADDITIONAL FITTINGS/ADAPTERS ORDERED FOR HARD PIPING (COOLING WATER/AIR SPLIT OPTION).	M-101/M-501
		WATER LINES FLUSHED AND PRESSURE TESTED FOR HARD PIPE ONLY.	M-101/M-501
		EXTENSION CABLES INSTALLED FOR COOLING WATER/AIR SPLIT IF STANDARD DISTANCE IS EXCEEDED BETWEEN INDOOR AND OUTDOOR UNITS (COOLING WATER/AIR SPLIT OPTION).	M-101/M-501
		ACCESSORIES OPTIONS	

FINISHED ROOM HEIGHT

BIOGRAPH VISION GANTRY ONLY	RECOMMEND 8'-0" MINIMUM 7'-5"
ADAPTIVE 3D INTERVENTION MONITOR/CEILING MOUNT	SEE DETAIL ON S-102 SHEET
CEILING MOUNT INJECTOR	MINIMUM 8'-9 1/2"

ENVIRONMENTAL REQUIREMENTS

CLIMATE CONTROL MUST BE PROVIDED 24 HOURS A DAY, 7 DAYS A WEEK. TEMPERATURE SETBACKS ARE NOT ALLOWED. PLEASE SEE EQUIPMENT LEGEND FOR SITE SPECIFIC HEAT DISSIPATION.

SCANNER ROOM:
THE SCANNER ROOM SHOULD MAINTAIN BETWEEN 64°F-82°F (± 2.7°F PER HR.) AND A RELATIVE HUMIDITY OF 20-75% WITH DewPoint BELOW 63°F. A BAROMETRIC PRESSURE: 10.9 TO 15.4 PSI. AIR CONDITIONING MUST BE PROVIDED 24 HRS A DAY, 7 DAYS A WEEK.

EQUIPMENT ROOM:
THE EQUIPMENT ROOM SHOULD MAINTAIN BETWEEN 64°F-86°F AND A RELATIVE HUMIDITY OF 20-75% WITH DewPoint BELOW 63°F. A BAROMETRIC PRESSURE: 10.9 TO 15.4 PSI. AIR CONDITIONING MUST BE PROVIDED 24 HRS A DAY, 7 DAYS A WEEK.

CONTROL ROOM:
THE CONTROL ROOM SHOULD MAINTAIN BETWEEN 64°F-82°F AND A RELATIVE HUMIDITY OF 20-75%. A BAROMETRIC PRESSURE: 10.9 TO 15.4 PSI.

EXTERIOR AIR VENTS SHOULD BE EQUIPPED WITH A FILTRATION SYSTEM OF THE FILTER CLASS EU3 TO EU4 TO FILTER DUST PARTICLES UP TO >10µm.

IF IT IS NOT POSSIBLE TO MAINTAIN THE TEMPERATURE RANGE REQUIRED TO MEET THE NEEDS OF CHANGING SEASONS, ON-SITE ROOM HEATING AND AIR CONDITIONING IS REQUIRED.

THE ROOM VENTILATION HAS TO ENSURE THAT NOXIOUS MATTERS DO NOT ENTER THE ROOM. POLLUTION THROUGH HYDROGEN SULPHIDE, REGARDLESS HOW SMALL THE AMOUNT IN THE AIR HAS TO BE PREVENTED. THE MOST COMMON SOURCES FOR HYDROGEN SULFIDES ARE:

EXHAUST FUMES AND WASTE WATER OF FILM PROCESSORS. EXPOSED SEWER DRAINAGE - NON SYPHON INCLUDED. HEREWITH, AS THEY ARE ESSENTIAL FOR THE SUCCESSFUL INSTALLATION & OPERATION OF THE SIEMENS EQUIPMENT.

IF A DANGER OF SUCH CONTAMINATION EXISTS, CORRECTIVE ACTIONS IS REQUIRED E.G.,

EXTRACTOR FANS
SIPHON
MODIFICATION OF VENTILATION INTAKE, ETC.

RADIATION AND STORAGE CONSIDERATIONS

THE CT PRODUCES RADIATION WHILE PERFORMING BIOGRAPH VISION. RADIATION CONCERNS FOR PET LIE IN THE USE OF RADIOACTIVE ISOTOPES FOR CLINICAL SCANNING OR SERVICE SCANS.

A STORAGE AREA MUST BE DESIGNATED FOR SOURCES UNTIL INSTALLATION TO LIMIT EXPOSURE.

ADDITIONAL RADIATION CONSIDERATIONS:

STATIC MAGNETIC FIELD: B< 100µT

MAGNET FIELD VARIATION: ΔB_{eff} < 25µT

BACKGROUND RADIATION: <10 µSv/h (1mR/h) 6 FT FROM CENTER OF FIELD OF VIEW

NOISE LEVEL

SYSTEM COMPONENT	DECIBEL LEVEL (AT 3'-3" DISTANCE)
PET/CT GANTRY	<68
PHS	<60
cPDU CABINET	<55
PDC CABINET	<55
IRS	<55
CWC CABINET (OPTION)	<55
HEAT EXCHANGER - WATER/AIR SPLIT (OPTION)	<55
MARS2 (OPTION)	<50

NOISE DEPENDS ON THE ROOM TEMPERATURE AND THE PROCESSOR LOAD.

- REPRESENT PEAK NOISE LEVEL, INCLUDING INTERMITTENT MECHANICAL MOVEMENTS (E.G., VERTICAL MOTION). THE NOISED LEVEL DURING ACTIVE SCANNING IS <68.

THE SYSTEM CONTINUOUS NOISE IS MEASURED AT 1m (PERPENDICULAR) FROM EACH GANTRY CONTROL PANEL, AND ALL ALONG THE AXIS OF TRAVEL OF THE PATIENT:

- CONTINUOUS NOISE IS DEFINED AS THE LEVEL WITH COOLING AT FULL POWER, MEDIUM ROTATION SPEED, NO TABLE MOVEMENT.
- PEAK NOISE IS DEFINED AS THE LEVEL WITH COOLING AT FULL POWER, FASTEST ROTATION SPEED, NO TABLE MOVEMENT.

THIS SET OF FINAL DRAWINGS IS REFLECTIVE OF THE LATEST SALES CONFIGURATION. ANY CHANGES TO THIS SALES CONFIGURATION MAY REQUIRE A REVISION TO THIS PROJECT PLAN. IF REQUESTED, SIEMENS WILL PRODUCE A REVISED SET OF FINAL DRAWINGS TO REFLECT THE CHANGES. HOWEVER SIEMENS IS NOT RESPONSIBLE FOR ANY CONSTRUCTION COSTS ASSOCIATED WITH THE CHANGES THAT OCCUR FROM THIS PLAN MODIFICATION.

SIEMENS HIGHLY RECOMMENDS THE CUSTOMER PROVIDES THE FOLLOWING AREAS, ALL WHICH SHOULD BE IN CLOSE PROXIMITY TO THE SCANNER ROOM: PATIENT UP-TAKE ROOM, PATIENT DRESSING ROOM & EQUIPMENT UTILITY ROOM.

STRETCHER SIZE (6'-5" X 2'-7") SHOWN IS FOR REFERENCE ONLY. VERIFICATION AND COORDINATION BY CUSTOMER IS REQUIRED TO ENSURE PROPER TRANSPORT AND WORKFLOW ACCESS.

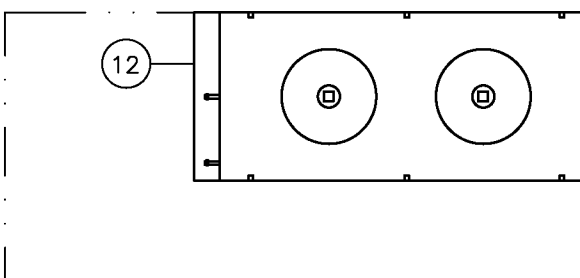
HEIGHT OF WINDOW TO BE COORDINATED WITH COUNTERTOP/DESK HEIGHT.

THE OUTDOOR COOLING UNIT IS SUPPLIED BY SIEMENS, LOCATED AND INSTALLED BY THE CUSTOMER/CONTRACTOR. THE INDOOR HEAT EXCHANGER CABINET IS SUPPLIED BY SIEMENS, INSTALLED BY THE CUSTOMER/CONTRACTOR. IF THE SYSTEM IS TO BE RELOCATED, THE OUTDOOR COOLING UNIT IS TO BE DEINSTALLED, RELOCATED AND REINSTALLED BY THE CUSTOMER/CONTRACTOR. IF NECESSARY, THE INDOOR HEAT EXCHANGER CABINET IS RELOCATED BY SIEMENS, INSTALLED BY THE CUSTOMER/CONTRACTOR.

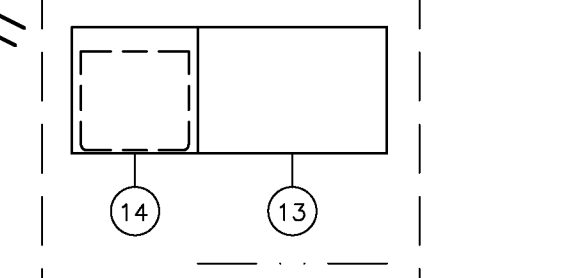
THE MINIMUM ROOM VOLUME REQUIRED FOR THE WATER-AIR SPLIT HEAT EXCHANGER TO SAFELY ABSORB THE COOLING AGENT IS 424 CUBIC FEET.

HEIGHT DIFFERENCE BETWEEN HEAT EXCHANGER AND OUTDOOR UNIT MUST NOT EXCEED ±65'-5".

HEIGHT DIFFERENCE BETWEEN HEAT EXCHANGER AND GANTRY MUST NOT EXCEED ±32'-6".



CONTROL COUNTER TO BE DESIGNED, SUPPLIED AND INSTALLED BY THE CUSTOMER/CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CUSTOMER/CONTRACTOR TO PROVIDE A MEANS OF MOUNTING THE PC TOWER(S) OFF OF FINISHED FLOOR FOR DAMAGE PROTECTION AGAINST TIP-OVER, FLUIDS, IMPACT ETC. ADDITIONAL MOUNTING NOT NECESSARY IF SIEMENS CONTAINER IS UTILIZED.



THE UPS IS SUPPLIED, LOCATED AND INSTALLED BY SIEMENS.

RAM LICENSE

A VALID RAM LICENSE IS REQUIRED 4 WEEKS BEFORE SYSTEM DELIVERY.

SOURCE PROVIDERS WILL NOT SHIP THE SOURCES TO THE SITE WITHOUT A RAM LICENSE.

IT IS THE CUSTOMER'S RESPONSIBILITY TO WORK WITH THEIR RADIATION SAFETY OFFICER AND THE GOVERNMENT AGENCY TO SECURE THE RAM LICENSE.

STATE AGENCY REVIEW

PRIOR TO SIEMENS EQUIPMENT INSTALLATION, APPROVAL OF CONSTRUCTION OR STRUCTURAL MODIFICATIONS UTILIZING X-RAY FOR DIAGNOSTIC OR THERAPEUTIC PURPOSES, MUST BE OBTAINED BY THE CUSTOMER FROM THE APPROPRIATE STATE AGENCY, IF APPLICABLE.

RADIOACTIVE SOURCES

THE FOLLOWING RADIOACTIVE SOURCES ARE REQUIRED AT THE TIME OF DELIVERY FOR CALIBRATION:

Ge-68 (GERMANIUM-68) LINE SOURCES
QUANTITY OF TWO LINE SOURCES

Ge-68 (GERMANIUM-68) CYLINDRICAL PHANTOMS

IT IS CUSTOMER'S RESPONSIBILITY TO OBTAIN THESE SOURCES.

SOURCE PROVIDERS WILL NOT SHIP SOURCES TO SITE WITHOUT A VALID RAM LICENSE.

ATTENTION:

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-THIS SET OF PLANS REPRESENTS A COMPLETE SET OF DETAILS AND SHOULD NOT BE SEPARATED.

-IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION DOCUMENTS FOR REFERENCE.

-ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.

-THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY RADIATION PROTECTION.

SHEET IS INCLUDED FOR REFERENCE

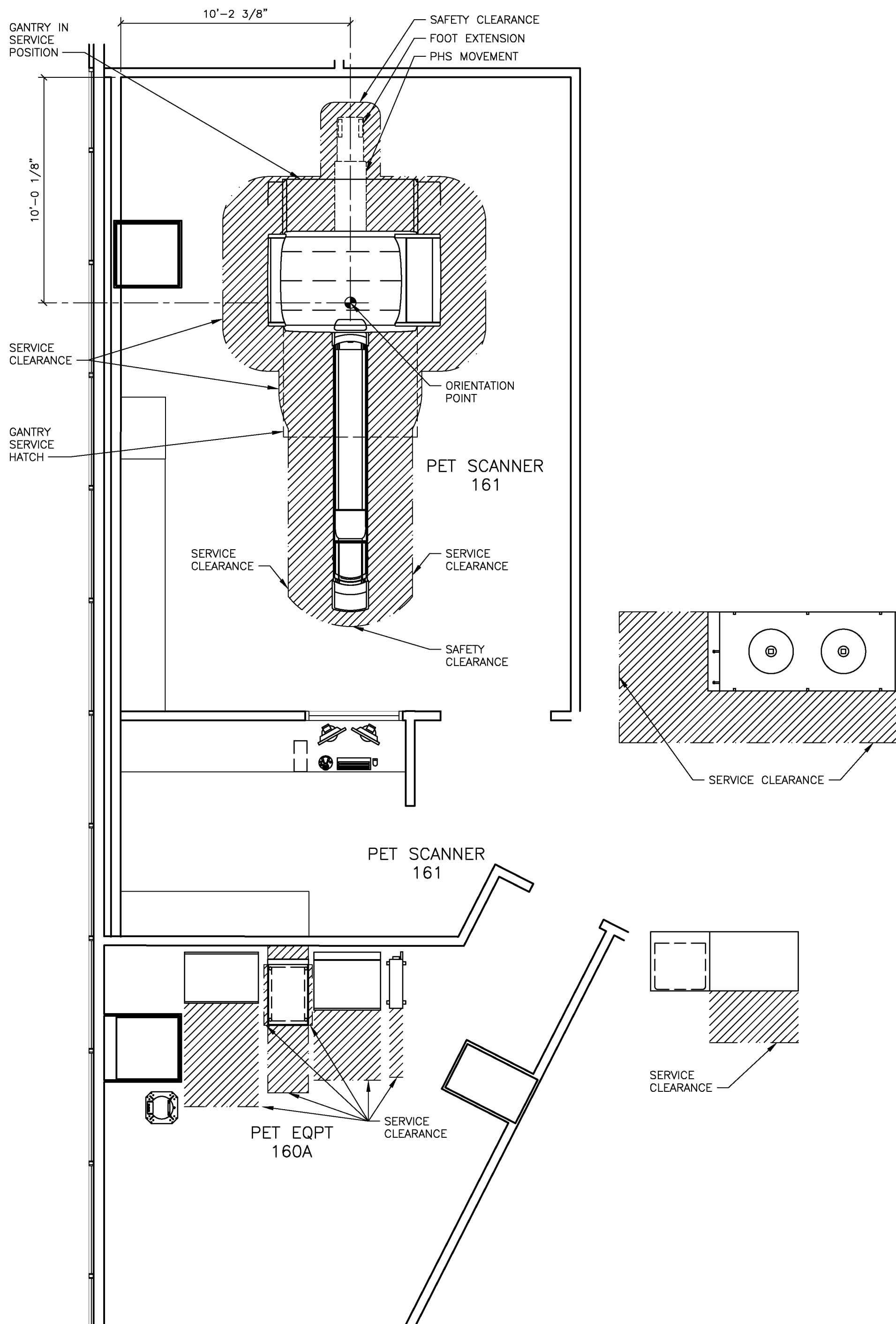
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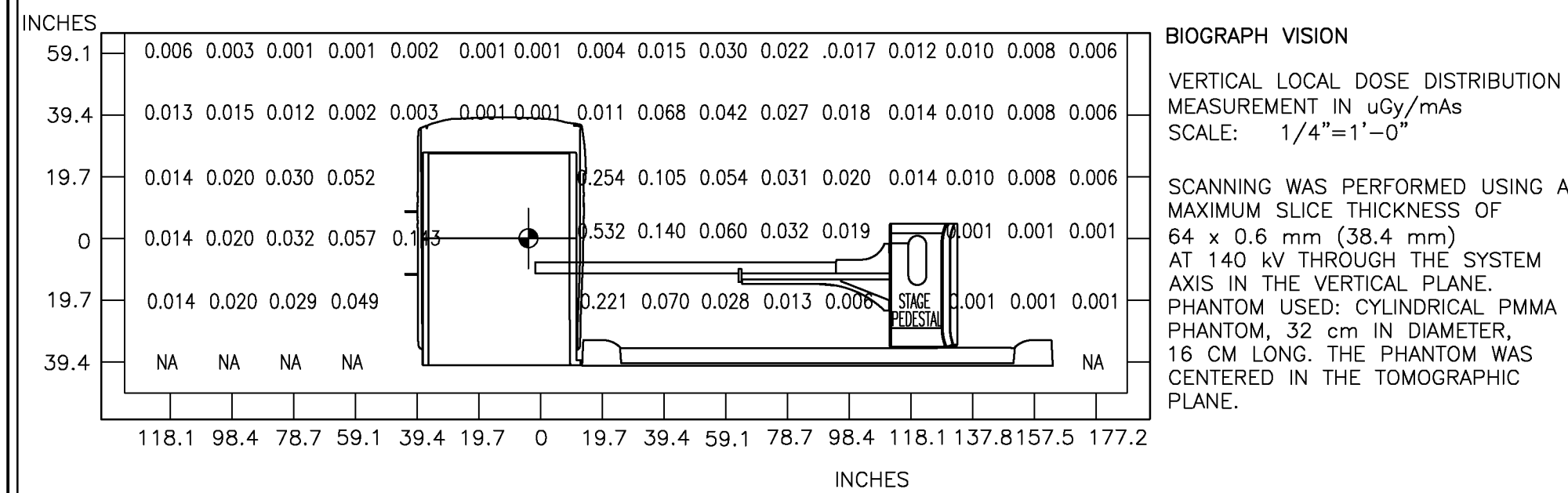
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SAFETY/SERVICE CLEARANCE PLAN



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

RADIATION SCATTER



SAFETY CLEARANCE NOTE

IF THE SAFETY DISTANCES ARE NOT OBSERVED, SAFETY MEASURES IN ACCORDANCE WITH LOCAL CODES SHOULD BE UTILIZED (FOR EXAMPLE BARRIERS, WARNING SIGNS, AND SAFETY MATS).

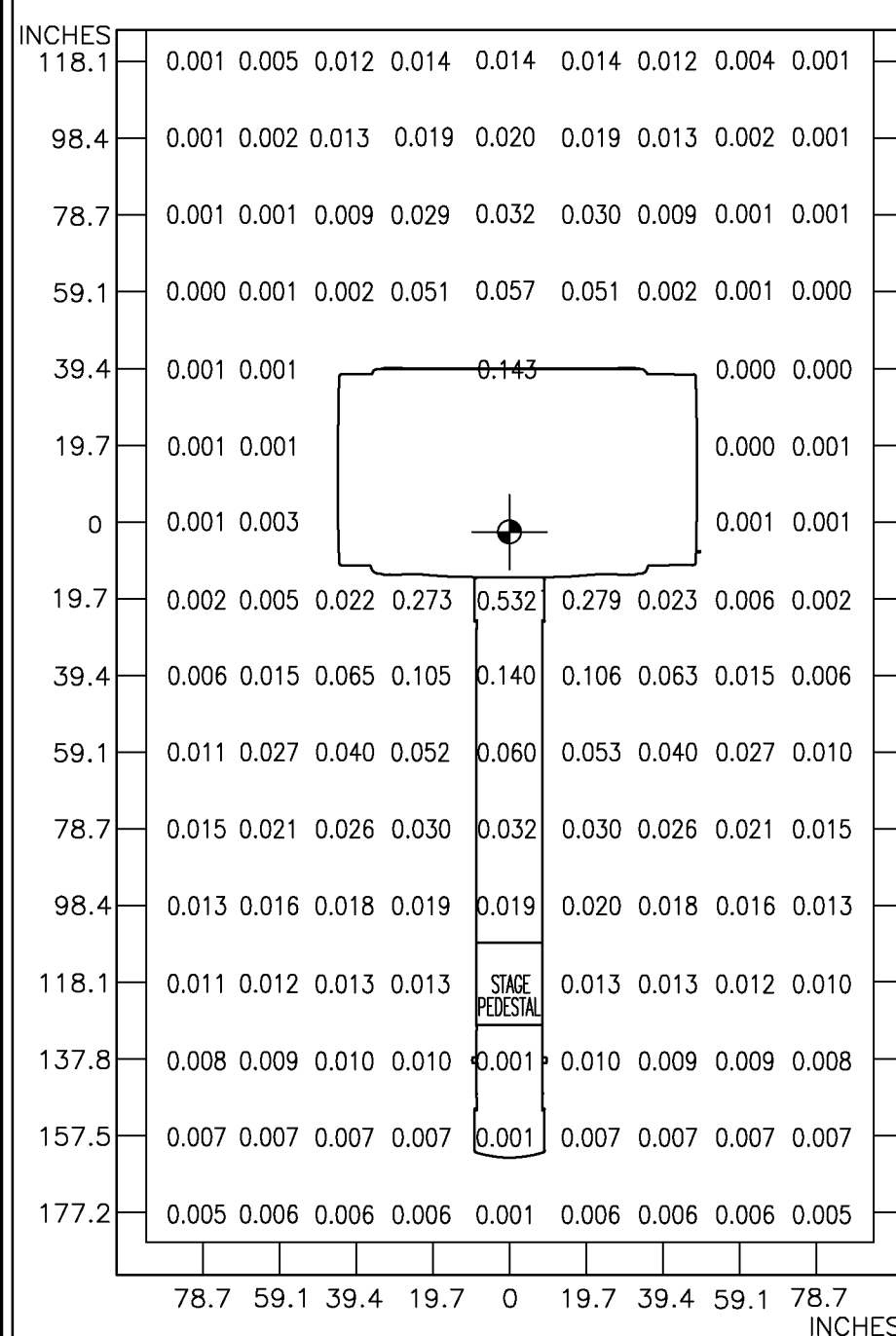
STORAGE CONSIDERATIONS

THE BIOGRAPH VISION GANTRY IS SHIPPED WITH THE DETECTORS INSTALLED. TO AVOID PERMANENT DAMAGE TO THE CRYSTALS DURING SHIPMENT, THE TEMPERATURE TOLERANCE MUST REMAIN BETWEEN 50°F–86°F AND RELATIVE HUMIDITY OF 20% TO 75%. A BAROMETRIC PRESSURE: 10.9 TO 15.4 psi. THE BIOGRAPH VISION MAXIMUM STORAGE TIME IS SIX MONTHS.

BIOGRAPH VISION COMPONENTS HAVE TO BE STORED IN THE RESPECTIVE TRANSPORT PACKAGING. IF THE ORIGINAL PACKAGING PROVIDED IS NOT AVAILABLE, EQUIVALENT PACKAGING WILL NEED TO BE USED FOR INTERMEDIATE STORAGE.

WHEN MOVING THE BIOGRAPH VISION GANTRY FROM A COLD ENVIRONMENT INTO A WARM ROOM, ALLOW THE SYSTEM TO STABILIZE AT ROOM TEMPERATURE FOR 24 HOURS BEFORE OPENING.

RADIATION SCATTER



SCANNING WAS PERFORMED USING A MAXIMUM SLICE THICKNESS OF 64 x 0.6 mm (38.4 mm) AT 140 kV THROUGH THE SYSTEM AXIS IN THE HORIZONTAL PLANE. PHANTOM USED: CYLINDRICAL PMMA PHANTOM, 32 cm IN DIAMETER, 16 CM LONG. THE PHANTOM WAS CENTERED IN THE TOMOGRAPHIC PLANE.

FINISHED ROOM HEIGHT

BIOGRAPH VISION GANTRY ONLY	RECOMMEND 8'-0" MINIMUM 7'-5"
ADAPTIVE 3D INTERVENTION MONITOR/CEILING MOUNT	SEE DETAIL ON S-102 SHEET
CEILING MOUNT INJECTOR	MINIMUM 8'-9" 1/2"

TRANSPORT AND DELIVERY

PET TRANSPORT				
PET	LENGTH	WIDTH	HEIGHT	RECOMMEND DOOR WIDTH AND HEIGHT
PET GANTRY ON TRANSPORT DEVICE—STANDARD TRANSPORT	118"	33.25"	82.1" W/STABILIZERS 76.0 WITHOUT/STABILIZERS — THROUGH DOORWAY ONLY	33.25" x 77"

NOTE: THE PET GANTRY CAN BE LOWERED WITH THE TRANSPORTS DEVICE TO A GROUND CLEARANCE OF .275".

PET GANTRY WEIGHT WITH AND WITHOUT TRANSPORT DEVICE

PET GANTRY
PET GANTRY WITH TRANSPORTING DEVICE AND STABILIZER WEIGHT: 2,815 LBS
PET GANTRY TRANSPORT DEVICE: 532 LBS
PET GANTRY STABILIZER: 100 LBS

SPECIAL NOTE:

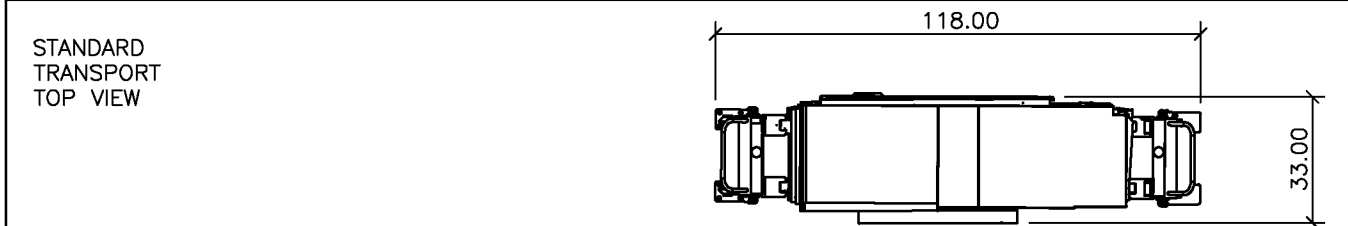
FLOOR LOAD DURING TRANSPORT FOR BOTH GANTRIES:

ACCESS FLOORS HAVE TO BE DESIGNED FOR A WEIGHT CAPACITY OF A MINIMUM OF 882 LBS. PER SLAB/PLATE. DURING TRANSPORT OF THE GANTRIES, THE LOAD MAY BE HIGHER AT CERTAIN INDIVIDUAL POINTS DUE TO UNEVEN FLOORING. IF REQUIRED, COVER THE TRANSPORT ROUTE WITH METAL SHEETS FOR LOAD DISTRIBUTION.

LIFTING GANTRIES WITH CRANE:

IF GANTRIES NEED TO BE LIFTED CRANING BASKET MUST BE USED.

PET GANTRY WITH TRANSPORT DEVICE



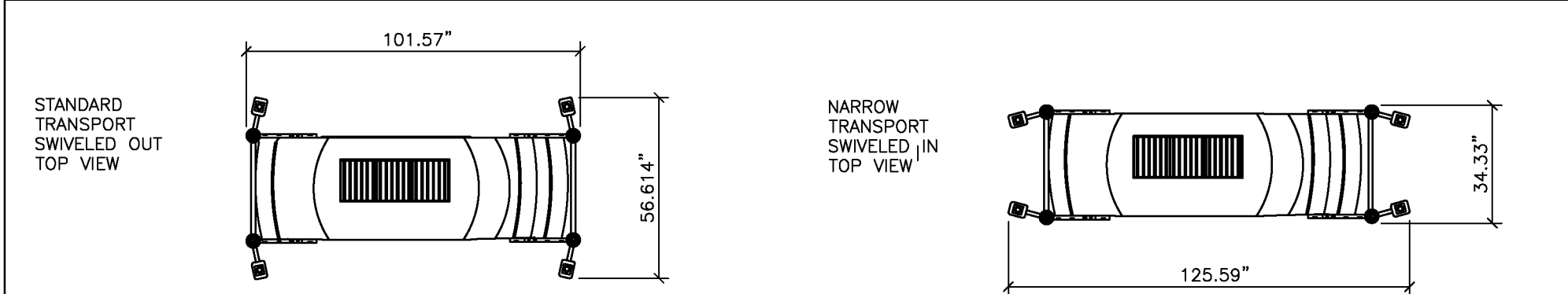
CT TRANSPORT

CT	LENGTH	WIDTH	HEIGHT	RECOMMEND DOOR WIDTH AND HEIGHT
CT GANTRY ON TRANSPORT DEVICE — STANDARD TRANSPORT TRANSPORT ROLLER SWIVELED OUT	125.60"	36.70"	78.2"	58.27" x 79.13"
CT GANTRY ON TRANSPORT DEVICE — NARROW TRANSPORT TRANSPORT ROLLER SWIVELED IN	101.60"	56.60"	78.2"	58.27" x 79.13"

CT GANTRY WEIGHT WITH AND WITHOUT TRANSPORT DEVICE

CT GANTRY
CT GANTRY TRANSPORT DEVICE WEIGHT: 5,267 LBS
CT GANTRY WITHOUT COVERS AND TRANSPORT DEVICE: 5,026 LBS.
CT GANTRY TRANSPORT DEVICE: 417 LBS.

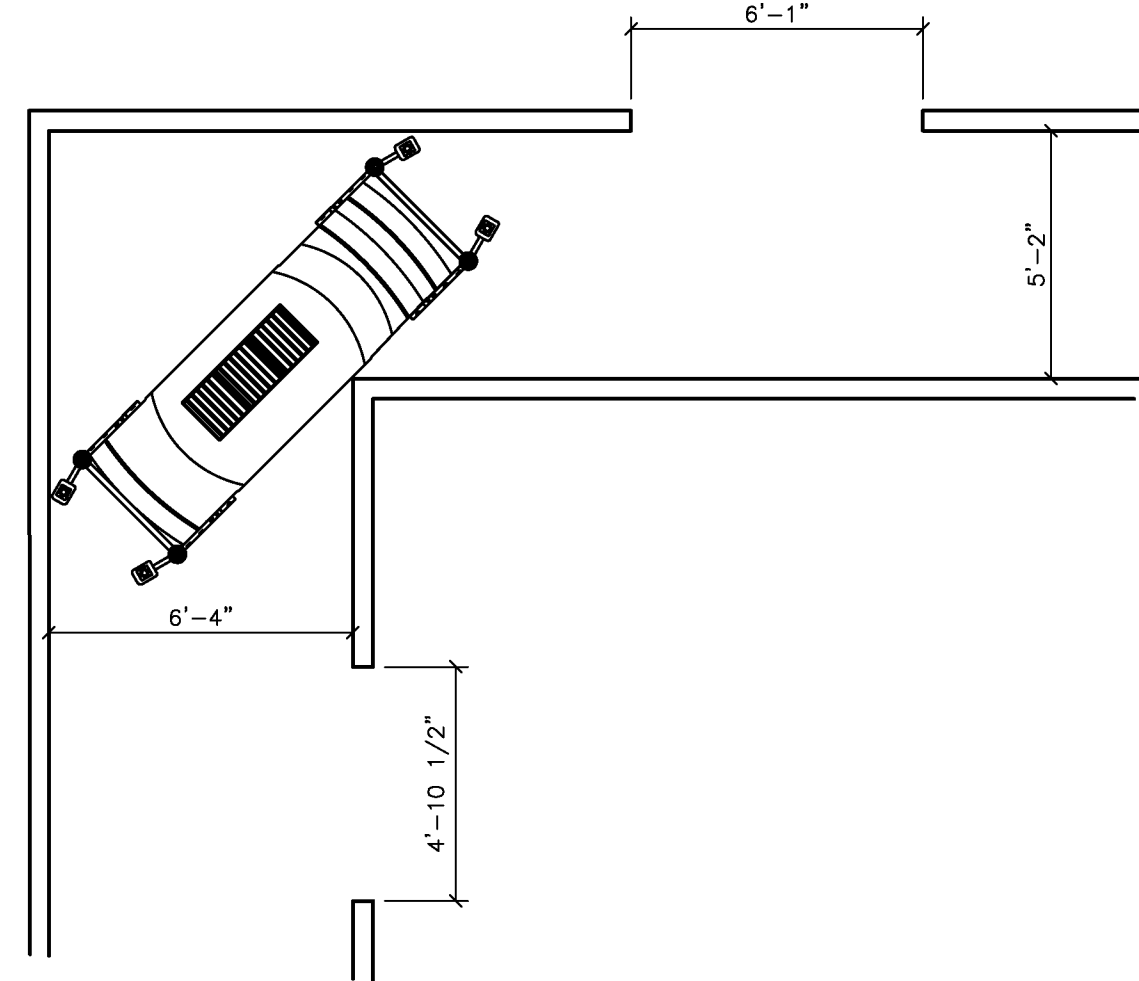
CT GANTRY WITH TRANSPORT DEVICE



DELIVERY PATH

DOORWAY AND CORRIDOR REQUIREMENTS:

ALL DIMENSIONS ARE MINIMUM. CT FRONT COVERS PRESENT MOST RESTRICTIVE CONDITION AROUND INSIDE OR CORNER AND DOORWAY TURNS.



BIOGRAPH VISION
REV 24

PROJECT MANAGER: JOAS AGUILAR VALLEJO
TEL: (817) 366-5832 EXT:
VMAIL:
FAX: JOAS.AGUILARVALLEJO@SIEMENS-HEALTHINEERS.COM

SIEMENS

UNIVERSITY OF NORTH TEXAS

3400 CAMP BOWIE BOULEVARD, FORT WORTH, TX 76107
PET SCANNER 161 — BIOGRAPH VISION 450

PROJECT #:

2513583

SHEET:

A-102

SHEET 2 OF 9

DRAWN BY:

M. COPLEY

DATE: 12/19/25

02/06/26

SCALE: AS NOTED

REF. #:

30307942

—ISSUE BLOCK—

SHEET IS INCLUDED FOR REFERENCE

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FACILITY

UNT Health Fort Worth

3400 Camp Bowie Blvd. Fort Worth, Texas
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02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

SIEMENS SITE
SPECIFIC

SHEET NUMBER

Q01-02

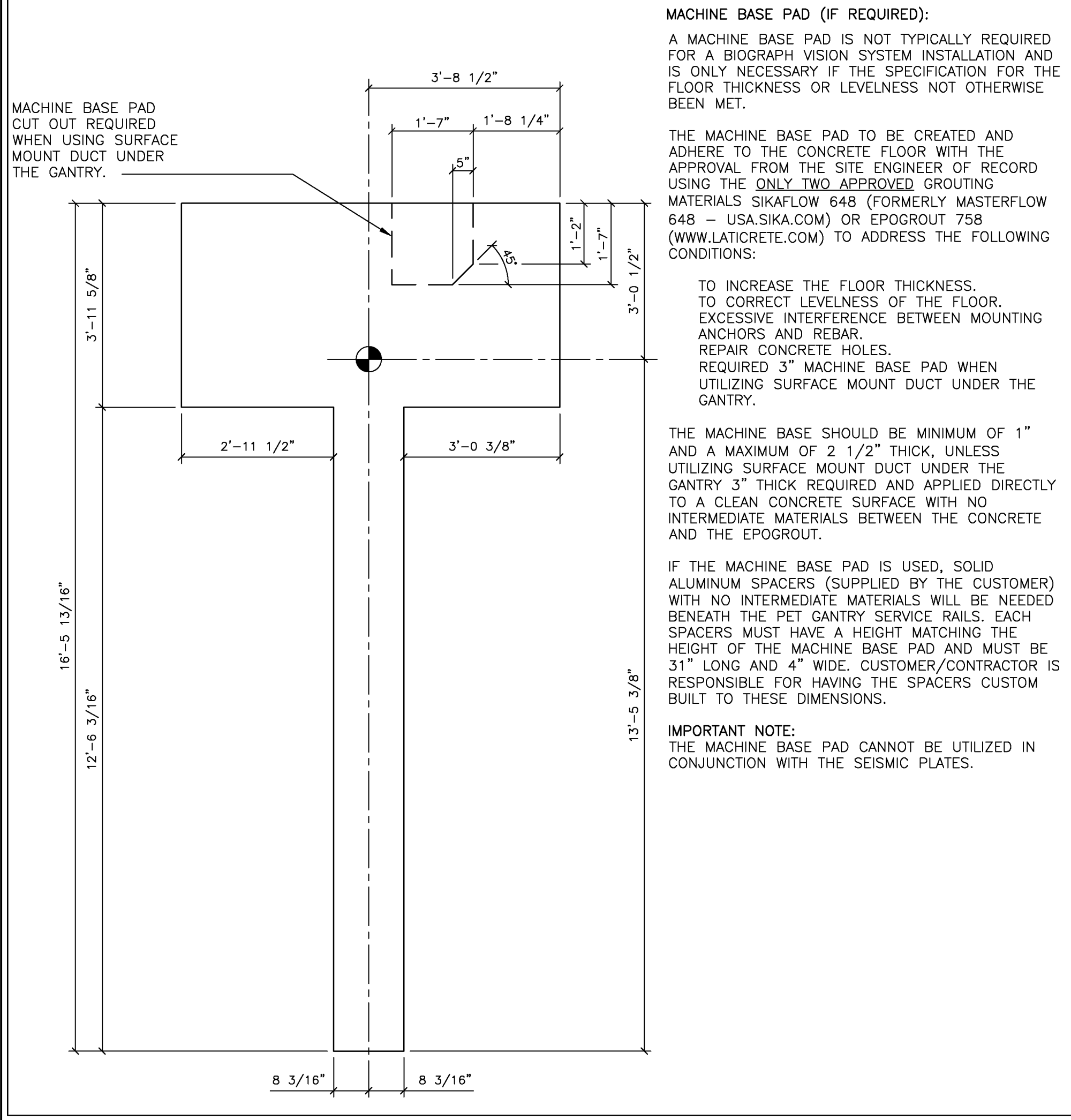
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MACHINE BASE PAD DETAIL (IF REQUIRED)



FLOOR REQUIREMENTS

THE ENGINEER OF RECORD OF THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT ALL WEIGHTS AND FORCES. THE ENGINEER OF RECORD FOR THE BUILDING AND SIEMENS ENGINEERING SHALL JOINTLY REVIEW DEVIATIONS FROM THE FOLLOWING REQUIREMENTS.

IT IS THE CUSTOMER'S RESPONSIBILITY TO CONTRACT A QUALIFIED SPECIALIST TO IMPLEMENT SITE MODIFICATIONS THAT MEET THESE SPECIFIC LIMITS AND TO DESIGN STRUCTURAL SOLUTIONS IN CASE OF DEVIATIONS.

1) THE MINIMUM ALLOWABLE CONCRETE THICKNESS FOR NONSEISMIC REGIONS OF THE SCANNER ROOM FLOOR IS 4.5".

2) THE CONDITIONS OF FLOORING, VIBRATION-FREE LOCATION, AND/OR INSTALLATION OF THE GANTRY AND PATIENT TABLE ONLY ON:

CONCRETE FLOORING
CONCRETE CLASS C20/25 TO C50/60
ACCORDING TO DIN 1045-1, DIN 1045-2

ACCEPTABLE FLOOR STRUCTURAL MATERIALS FOR LOAD BEARING AREAS OF THE BIOGRAPH VISION GANTRY AND PHS ARE RESTRICTED TO CONCRETE, STEEL, OR HIGH AGGREGATE EPOXY GROUTS SUCH AS EPOGROUT 758 OR SIKAFLOW 648 (FORMERLY MASTERFLOW 648 — USA.SIKA.COM). THE FLOOR STRUCTURE FOR THE LOAD BEARING AREAS SHALL NOT CONTAIN COMPLAINT MATERIALS THAT ARE SUBJECT TO MOVEMENT WITH THE PASSAGE OF TIME; SUCH AS LEAD, WOOD OR SAND/MORTAR MIXES (i.e. SOREED, ARDEX).

3) THE CONCRETE PROPERTIES:

COMPRESSIVE STRENGTHS:
MINIMUM COMPRESSIVE STRENGTH 20 MPa (2,900 psi).
RECOMMENDED COMPRESSIVE STRENGTH 28 MPa (4,000 psi).

COMPRESSIVE MODULUS OF ELASTICITY:
CONCRETE SHALL BE > 20684 MPa (3,000,000 psi).

FLEXURAL MODULUS OF ELASTICITY:
CONCRETE SHALL BE > 20684 MPa (3,000,000 psi).

CONCRETE MUST BE CURED AT LEAST 28 DAYS PRIOR TO MACHINE INSTALLATION. CONCRETE FLOORING TO BE TESTED BY A STRUCTURAL ENGINEER.

4) THE EVENNESS AND LEVELNESS OF THE FLOOR:

LEVELNESS:
VARIATION OF THE FLOOR LEVELNESS IN THE GANTRY AND PHS AREAS SHOULD NOT EXCEED .5 INCHES OVER THE ENTIRE FOOTPRINT OF THE SYSTEM. VARIATION IS TO BE MEASURED AT THE GANTRY AND PHS MOUNTING POINTS.

ENTIRE SYSTEM FOOT PRINT

REAR PET FEET

1/2"

MAXIMUM TOTAL DEVIATION

5) THE FLOOR COVERING REQUIREMENTS:

DUE TO THE POTENTIAL FOR FLOOR COVERING TO SINK OVER TIME, ALL FLOOR COVERING SHALL BE REMOVED UNDER THE GANTRY AND PHS/

INSTALLATION OF THE BIOGRAPH VISION ON A FLOATING FLOOR WITHOUT SUB-CONSTRUCTIONS IS PROHIBITED.

6) THE MACHINE BASE PAD (OPTIONAL) TO BE CREATED AND ADHERE TO THE CONCRETE FLOOR WITH THE APPROVAL FROM THE SITE ENGINEER OF RECORD USING THE ONLY TWO APPROVED GROUTING MATERIALS THE EPOGROUT 758 (LAM CONSTRUCTION CHEMICALS, INC 1-800-362-3331) OR MASTERFLOW 648 (BASF 1-800-243-6739) TO ADDRESS THE FOLLOWING CONDITIONS:

TO INCREASE THE FLOOR THICKNESS. TO CORRECT LEVELNESS OF THE FLOOR. EXCESSIVE INTERFERENCE BETWEEN MOUNTING ANCHORS AND REBAR. REPAIR CONCRETE HOLES. REQUIRED 3" MACHINE BASE PAD WHEN UTILIZING SURFACE MOUNT DUCT UNDER THE GANTRY.

THE MACHINE BASE SHOULD BE MINIMUM OF 1" AND A MAXIMUM OF 2 1/2" THICK, UNLESS UTILIZING SURFACE MOUNT DUCT UNDER THE GANTRY 3" THICK REQUIRED AND APPLIED DIRECTLY TO A CLEAN CONCRETE SURFACE WITH NO INTERMEDIATE MATERIALS BETWEEN THE CONCRETE AND THE EPOGROUT.

IF THE MACHINE BASE PAD IS USED, SOLID ALUMINUM SPACERS (SUPPLIED BY THE CUSTOMER) WITH NO INTERMEDIATE MATERIALS WILL BE NEEDED BENEATH THE PET GANTRY SERVICE RAILS. EACH SPACERS MUST HAVE A HEIGHT MATCHING THE HEIGHT OF THE MACHINE BASE PAD AND MUST BE 31" LONG AND 4" WIDE. CUSTOMER/CONTRACTOR IS RESPONSIBLE FOR HAVING THE SPACERS CUSTOM BUILT TO THESE DIMENSIONS.

7) THE ANCHOR PROPERTIES:

TENSION CAPABILITY:
ALLOWABLE TENSION LOAD CAPABILITY FOR EMBEDDED CONCRETE ANCHORS SHALL BE GREATER THAT 1000.0 LB.

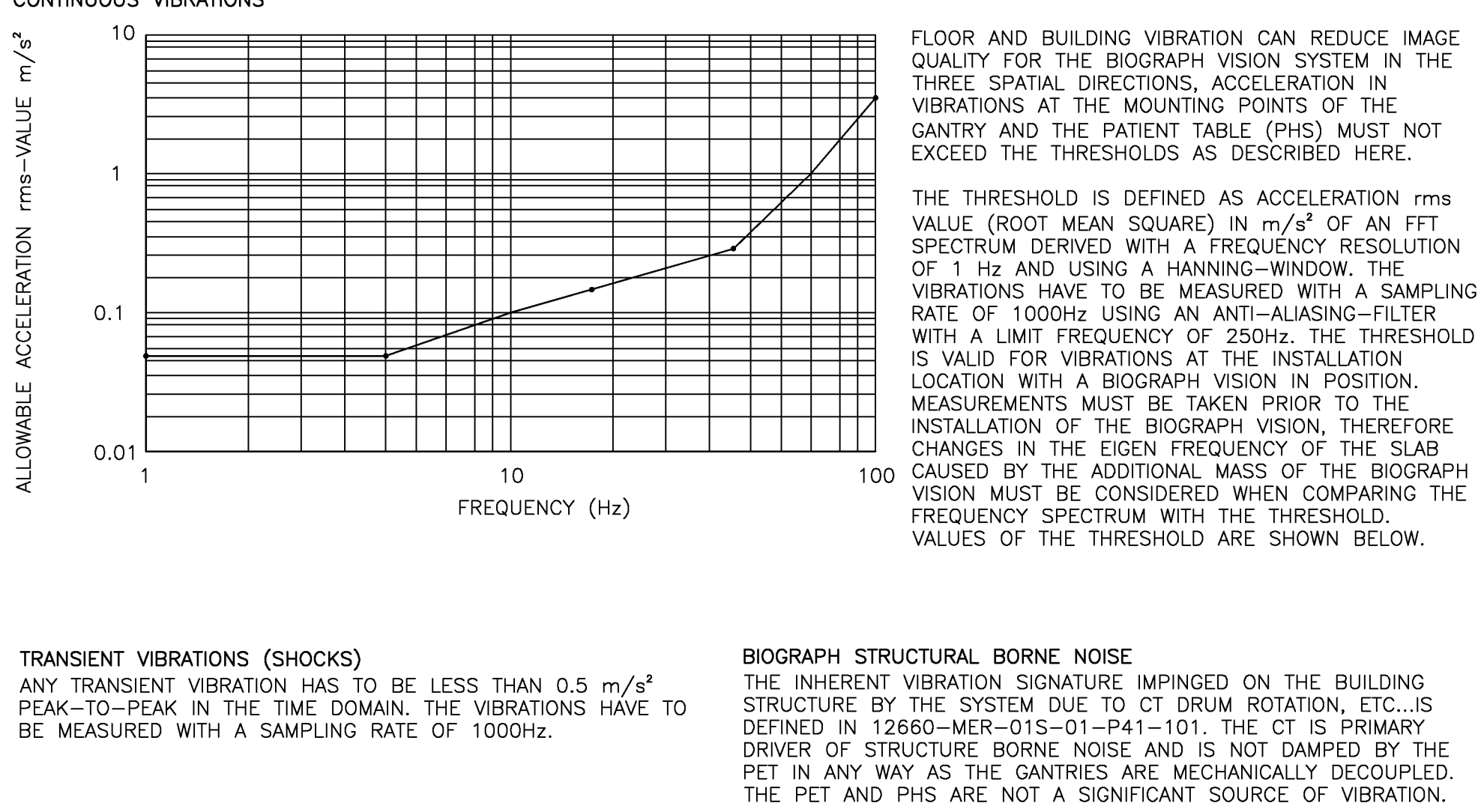
ANCHOR DEPTH:
ANCHOR EMBEDMENT DEPTH AND CONCRETE THICKNESS SHALL COMPLY WITH ICBO GUIDELINES FOR THE ANCHOR.

4" DRILL DEPTH TYPICAL FOR ADHESIVE ANCHORING.

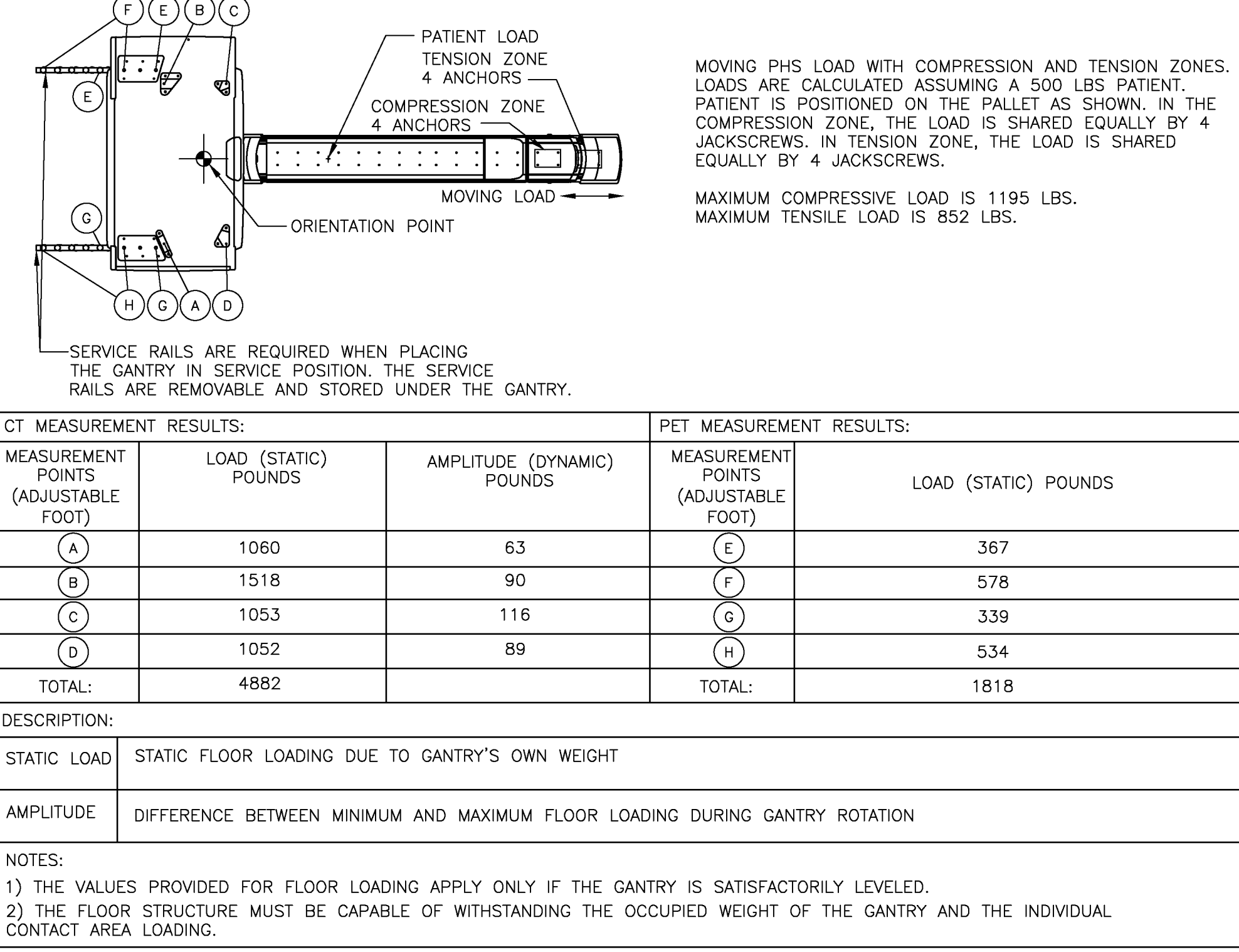
BIOGRAPH VISION SHALL BE FASTENED TO THE FLOOR AND/OR MACHINE BASE PAD WITH GRADE 5, 1/2"-1.3 UNC-2A THREADED FASTENERS SUPPLIED BY SIEMENS.

MINIMUM EXTRACTION FORCE ACCORDING TO THE IEC 60601-1 SAFETY FACTOR OF 4 MUST BE OBSERVED.

FLOOR AND BUILDING VIBRATIONS



FLOOR LOADING



BIOGRAPH VISION
REV 24

			PROJECT MANAGER: JOAS AGUILAR VALLEJO TEL: (817) 366-5832 FAX: EMAIL: JOAS.AGUILARVALLEJO@SIEMENS-HEALTHINEERS.COM		SIEMENS		
			UNIVERSITY OF NORTH TEXAS				
			3400 CAMP BOWIE BOULEVARD, FORT WORTH, TX 76107 PET SCANNER 161 — BIOGRAPH VISION 450				
			THE USE OR REPRODUCTION OF THIS TITLE BLOCK WITHOUT SIEMENS' AUTHORIZATION WILL RESULT IN PROSECUTION UNDER FULL EXTENT OF THE LAW. ALL RIGHTS ARE RESERVED.		PROJECT #: 2513583		
					SHEET: S-501		
					SHEET 4 OF 9 DRAWN BY: M. COPLEY		
			SCALE: AS NOTED REF. #: 30307942		DATE: 12/19/25		
					DATE: 02/06/26		
			—ISSUE BLOCK—				

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02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

SIEMENS SITE
SPECIFIC

SHEET NUMBER

Q01-05

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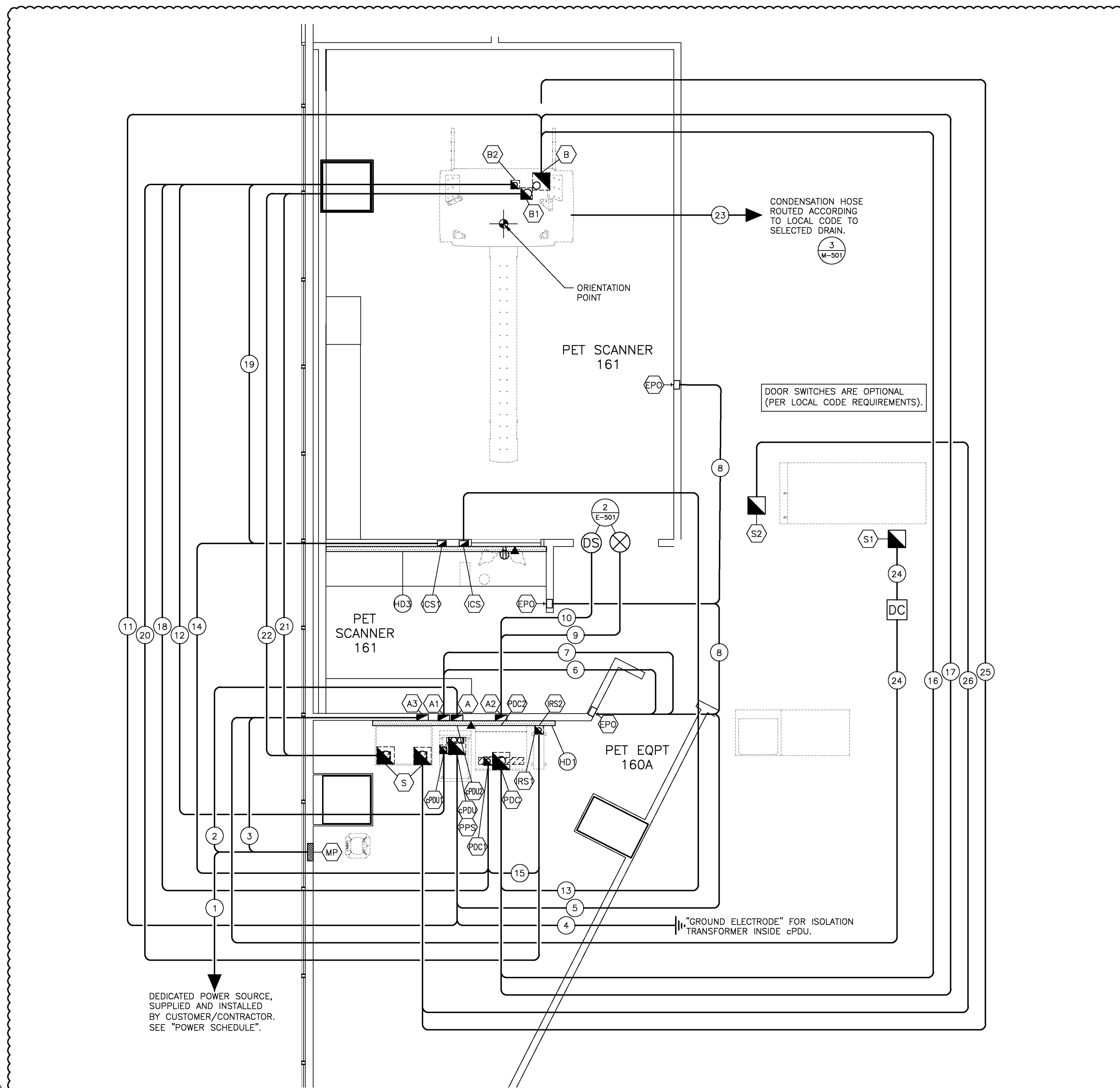
*CONTRACTOR TO PROVIDE CONDUIT
ROUTING AS SPECIFIED BELOW

ELECTRICAL LEGEND

SYM	SIZE	DESCRIPTION	REMARKS
SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR			
(A)	AS REQUIRED	PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION. CONNECT 6 FOOT LONG FLEXIBLE WHIP OR WHIPS TO PULL BOX FOR TERMINATION AT THE POWER DISTRIBUTION UNIT (PDU). REFER TO THE POWER SCHEDULE.	DIRECT POWER FEED TO THE COMMON POWER DISTRIBUTION UNIT WIRING
(A1)	AS REQUIRED	PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION.	COMMON POWER DISTRIBUTION UNIT WIRING
(A2)	AS REQUIRED	PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION.	ANCILLARY WIRING
(A3)	AS REQUIRED	PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION.	HEAT EXCHANGER CABINET-WATER/AIR SPLIT
(B)	12" x 12"	PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 5" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	GANTRY CABLE ACCESS SEE SHEET E-501
(B1)	6" x 6"	PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 6" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	WATER HOSES ACCESS SEE SHEET E-501
(B2)	6" x 6"	PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 3" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	GANTRY CABLE ACCESS DATA/COMMUNICATION SEE SHEET E-501
(C)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH TWO 4" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	COMMON POWER DISTRIBUTION UNIT
(C1)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH 4" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	COMMON POWER DISTRIBUTION UNIT DATA/COMMUNICATION
(C2)	12" x 5"	OPENING IN RACEWAY IN SHOWN LOCATION.	COMMON POWER DISTRIBUTION UNIT DATA/COMMUNICATION
(D)	---	DISCONNECT SWITCH MOUNTED NEAR OUTDOOR UNIT TO DISCONNECT POWER SUPPLY FROM INDOOR UNIT. SUPPLIED BY SIEMENS, INSTALLED BY CUSTOMER/CONTRACTOR IN ACCORDANCE WITH LOCAL CODES.	OUTDOOR UNIT-WATER/AIR SPLIT
(E)	---	EMERGENCY POWER OFF BUTTON THAT PREVENTS RESETTING OF CIRCUIT BREAKER WHEN IN THE OFF POSITION WITH PROTECTIVE COVER, MOUNTED ON WALL AT 5'-0" ABOVE FINISH FLOOR. THERE SHALL BE AN EPIC IN EACH ROOM OF THE SUITE WHERE SIEMENS EQUIPMENT IS LOCATED. EXACT LOCATIONS TO BE DETERMINED BY CUSTOMER/CONTRACTOR, SUPPLIED BY CUSTOMER/CONTRACTOR.	SEE POWER SCHEDULE
(F)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH TWO 3" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.	IMAGE CONSTRUCTION SYS. DATA/COMMUNICATION
(F1)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH 3" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.	IMAGE RECONSTRUCTION CAB. DATA/COMMUNICATION
(F2)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH 3" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	IMAGE RECONSTRUCTION CAB. DATA/COMMUNICATION
(F3)	8" x 4"	OPENING IN RACEWAY IN SHOWN LOCATION.	IMAGE RECONSTRUCTION CAB. DATA/COMMUNICATION
(G)	---	MAIN PANEL WITH MAIN BREAKER. LOCATION DETERMINED BY CUSTOMER/CONTRACTOR.	SEE POWER SCHEDULE
(G1)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH 6" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.	POWER DISTRIBUTION CAB. DATA/COMMUNICATION
(G2)	AS REQUIRED	PULL BOX MOUNTED BELOW FLOOR SLAB WITH 3" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.	POWER DISTRIBUTION CAB. DATA/COMMUNICATION
(G3)	12" x 5"	OPENING IN RACEWAY IN SHOWN LOCATION.	POWER DISTRIBUTION CAB. DATA/COMMUNICATION
(H)	---	FIX POINT DESIGNATION, SAME PULL BOX/OPENING AS (PDU).	PET UPS INSIDE THE COMMON POWER DISTRIBUTION UNIT
(I)	AS REQUIRED	TWO PULL BOXES MOUNTED BELOW FLOOR SLAB WITH TWO 6" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.	HEAT EXCHANGER CABINET-WATER/AIR SPLIT
(I1)	AS REQUIRED	PULL BOX THAT IS PROVIDED ON THE OUTDOOR COOLING UNIT.	OUTDOOR COOLING UNIT-WATER/AIR SPLIT
(I2)	AS REQUIRED	PULL BOX MOUNTED ADJACENT TO OUTDOOR COOLING UNIT PROVIDED WITH FLEX-TITE CONDUIT FROM PULL BOX TO WATER HOSE CONNECTIONS ON OUTDOOR COOLING UNIT.	OUTDOOR COOLING UNIT-WATER/AIR SPLIT
(J)	10" x 3 1/2"	ELECTRICAL DUCT TO RUN HORIZONTALLY ON THE WALL AT THE FLOOR LINE AND SURFACE MOUNTED ON FINISHED WALL AS SHOWN. DUCT TO BE DIVIDED INTO THREE SECTIONS WITH METAL DIVIDERS. OPENING IN FACE OF RACEWAY TO BE DETERMINED AT THE TIME OF INSTALL.	RACEWAY
(J1)	10" x 3 1/2"	ITEM REMOVED	RACEWAY
(K)	AS REQUIRED	CONDUIT FROM POWER SOURCE TO "MP" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K1)	AS REQUIRED	CONDUITS FROM "MP" TO "A1" (PDU) SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K2)	AS REQUIRED	CONDUITS FROM "MP" TO "A3" (S) SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K3)	AS REQUIRED	CONDUITS FROM "PDU" TO "GROUND ELECTRODE" FOR ISOLATION TRANSFORMER INSIDE (PDU) SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K4)	AS REQUIRED	CONDUITS FROM "MP" TO "EPD" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K5)	AS REQUIRED	CONDUITS FROM "A1" (PDU)/CTS UPS ROOM INSIDE (PDU) TO "EPD" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K6)	AS REQUIRED	CONDUITS FROM "EPD" TO "EPD" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K7)	AS REQUIRED	CONDUITS FROM "A1" (PDU)/PPS UPS INSIDE (PDU) TO "EPD" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K8)	AS REQUIRED	CONDUIT FROM "EPD" TO "EPD" SIZED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
(K9)	AS REQUIRED	CONDUIT FROM "A2" (PDC) TO "WARNING LIGHT" (X-RAY ON).	SEE SHEET E-501
(K10)	AS REQUIRED	CONDUIT FROM "A2" (PDC) TO "DOOR SAFETY SWITCH".	SEE SHEET E-501
(L)	(1) 2"	CONDUIT FROM "PDU1" TO "B2".	MAXIMUM CONDUIT LENGTH 76'-0"
(L1)	(1) 2"	CONDUIT FROM "PDC1" TO "B2".	MAXIMUM CONDUIT LENGTH 76'-0"
(L2)	(1) 2"	CONDUIT FROM "PDC" TO "ICS1".	MAXIMUM CONDUIT LENGTH 72'-0"
(L3)	(1) 1 1/2"	CONDUIT FROM "PDC1" TO "ICS1".	MAXIMUM CONDUIT LENGTH 72'-0"
(L4)	(1) 1"	CONDUIT FROM "PDC1" TO "IRS1".	MAXIMUM CONDUIT LENGTH 72'-0"
(L5)	(1) 3"	CONDUITS FROM "PDC" TO "B" WITH A MINIMUM 6" BENDING RADIUS.	MAXIMUM CONDUIT LENGTH 71'-0"
(L6)	(1) 2"	CONDUITS FROM "PDC" TO "B" WITH A MINIMUM 6" BENDING RADIUS.	MAXIMUM CONDUIT LENGTH 72'-0"
(L7)	(1) 2"	CONDUIT FROM "PDC1" TO "B2".	MAXIMUM CONDUIT LENGTH 72'-0"
(L8)	(1) 3"	CONDUIT FROM "B2" TO "ICS1".	MAXIMUM CONDUIT LENGTH 76'-0"
(L9)	(1) 3/4"	CONDUIT FROM "B2" TO "IRS1".	MAXIMUM CONDUIT LENGTH 76'-0"

FINISHED ROOM HEIGHT

BIOGRAPH VISION GANTRY ONLY	RECOMMEND 8'-0" MINIMUM 7'-5"
ADAPTIVE 3D INTERVENTION MONITOR/CEILING MOUNT	SEE DETAIL ON S-102 SHEET
CEILING MOUNT INJECTOR	MINIMUM 8'-0" 1/2"



ELECTRICAL RACEWAY PLAN

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

CONDUIT LENGTH CALCULATIONS

IF SITE SPECIFIC CONDITIONS EXCEED THE FOLLOWING ASSUMED VALUES THEN ADDITIONAL LENGTH MUST BE SUBTRACTED BY THE ELECTRICAL CONTRACTOR FROM THE MAXIMUM CONDUIT LENGTHS LISTED.

IF DUCT LOCATIONS ARE ALTERED FROM THE SHOWN LAYOUT IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO RECALCULATE THE MAXIMUM CONDUIT LENGTHS.

ASSUMED VALUES USED IN CALCULATING STATED MAXIMUM CONDUIT LENGTHS:

VERTICAL DUCTS - 10'-0"

FLOOR PENETRATIONS - 3'-0"

CONDUIT LEGEND

SYM	SIZE	DESCRIPTION	REMARKS
SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR			
(2)	(1) 3"	CONDUIT FROM "S1" TO "B1" TO CONTAIN SIEMENS WATER HOSES (SUPPLY) WITH A MINIMUM 10" BENDING RADIUS. CONDUIT TO BE RUN AS CLOSE AS POSSIBLE TO THE LID OF THE PULL BOX. CONDUIT TO BE RUN AS CLOSE AS POSSIBLE TO THE LID OF THE PULL BOX.	MAXIMUM CONDUIT LENGTH 84'-0" W/A SPLIT COOLING SYSTEM SEE SHEET M-101
(21)	(1) 3"	CONDUIT FROM "B1" TO "S1" TO CONTAIN SIEMENS WATER HOSES (RETURN) WITH A MINIMUM 10" BENDING RADIUS. CONDUIT TO BE RUN AS CLOSE AS POSSIBLE TO THE LID OF THE PULL BOX.	MAXIMUM CONDUIT LENGTH 84'-0" W/A SPLIT COOLING SYSTEM SEE SHEET M-101
(22)	(1) 1"	CONDUIT, IF REQUIRED PER LOCAL CODE, FOR CONDENSATION HOSE TO SELECTED DRAIN TYPE. THE MINIMUM BENDING RADIUS IS 1 3/16". MAXIMUM LENGTH 32'-9".	CONDENSATION HOSE SEE SHEET M-101
(23)	(1) 1 1/2"	CONDUIT FROM "A3" (S) TO "DC" AND "DC" TO "S1".	MAXIMUM CONDUIT LENGTH 131'-0"
(24)	(1) 1 1/2"	CONDUIT FROM "S1" TO "B".	MAXIMUM CONDUIT LENGTH 92'-0"
(25)	(2) 3"	CONDUITS, IF REQUIRED PER LOCAL CODE, FROM "S" TO "S2". THE MINIMUM BENDING RADIUS IS 12.5".	MAXIMUM CONDUIT LENGTH 116'-0"

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—IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION DOCUMENTS FOR REFERENCE.

—ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.

—THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY RADIATION PROTECTION.

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PROJECT #: 2513583		SHEET: E-101	
SHEET 5 OF 9 DRAWN BY: M. COPLEY		DATE: 12/19/25	
DATE: 12/19/25		DATE: 02/06/26	
SYMBOL: —ISSUE BLOCK—		SCALE: AS NOTED	
DATE: 02/06/26		DATE: 12/19/25	
DATE: 12/19/25		DATE: 02/06/26	

SHEET IS INCLUDED FOR REFERENCE



02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION FEBRUARY 13, 2026

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REGISTERED ARCHITECT
STATE OF TEXAS
29017
02/13/2026

PROJECT

UNT Health Imaging
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3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

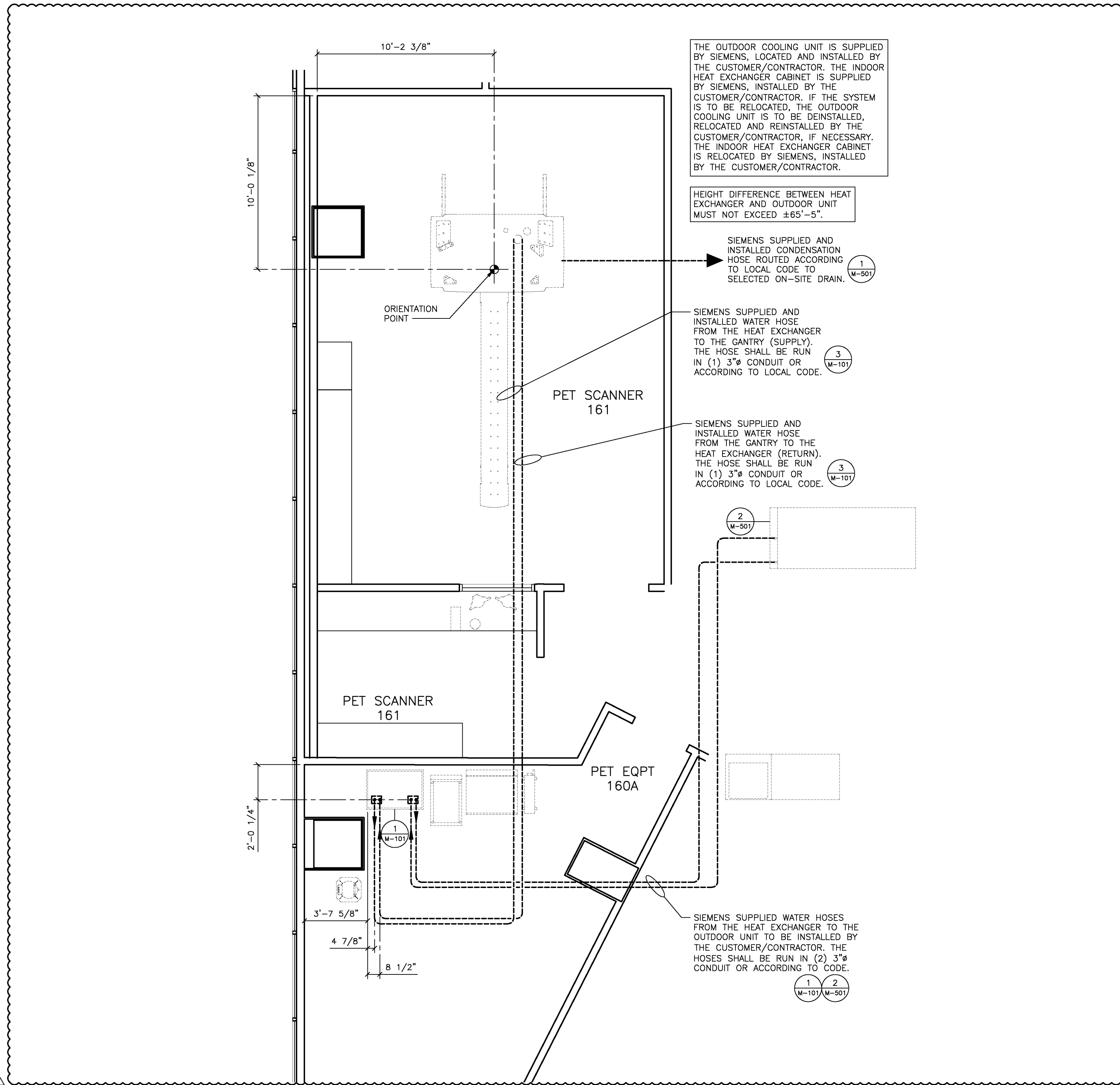
MARK ISSUE DATE
Job Number 144090.00
TITLE

SIEMENS SITE
SPECIFIC

SHEET NUMBER

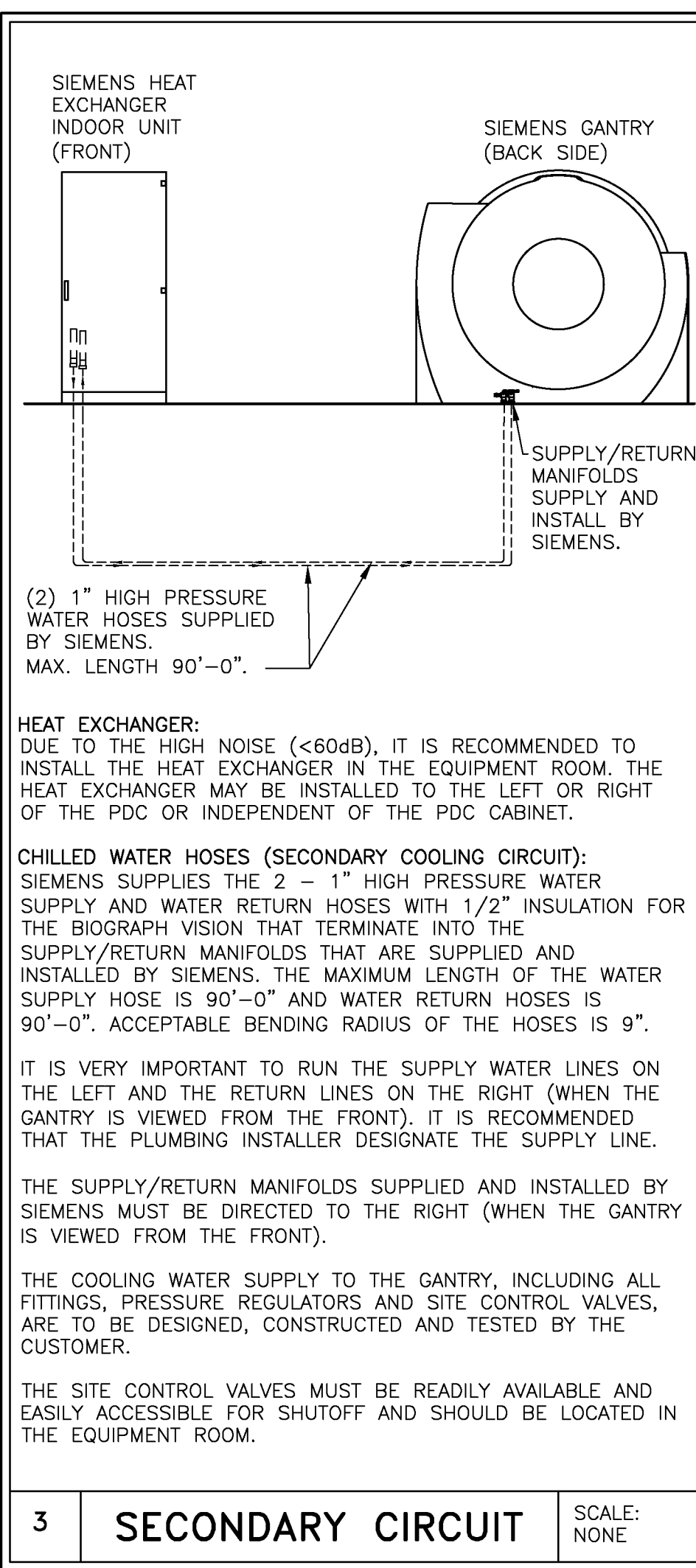
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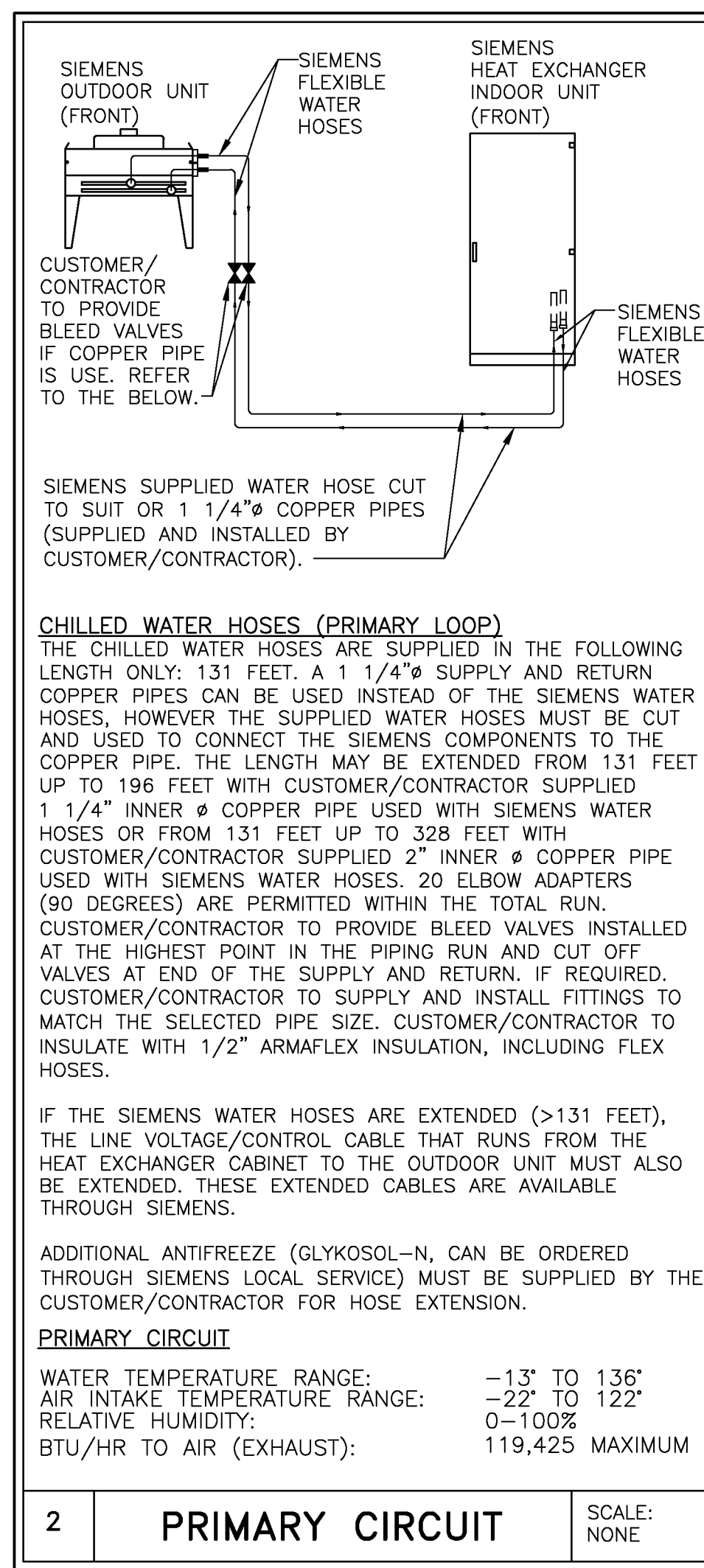
MECHANICAL PLAN

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



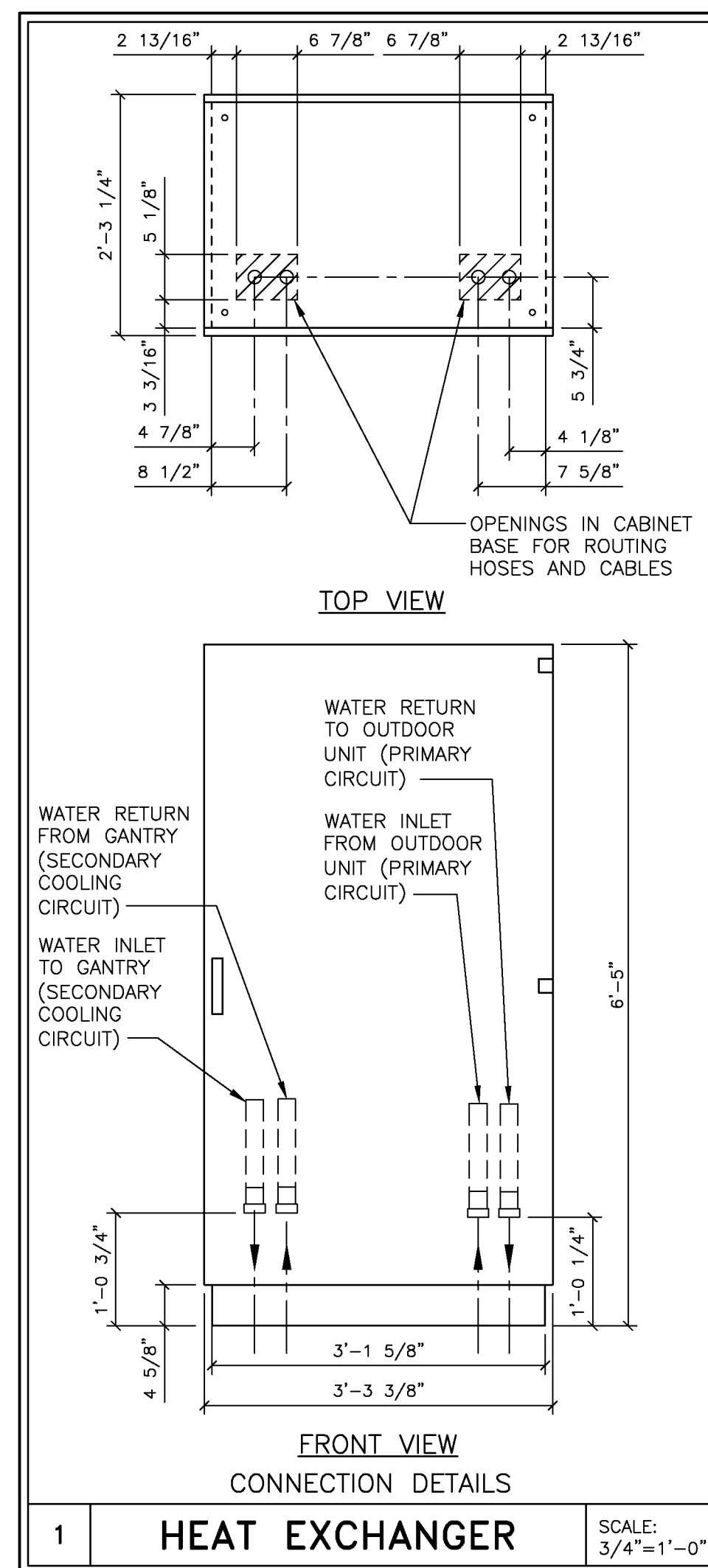
3 SECONDARY CIRCUIT

SCALE: NONE



2 PRIMARY CIRCUIT

SCALE: NONE



1 HEAT EXCHANGER

SCALE: 3/4"=1'-0"

FINISHED ROOM HEIGHT	
BIOGRAPH VISION GANTRY ONLY	RECOMMEND 8'-0" MINIMUM 7'-5"
ADAPTIVE 3D INTERVENTION MONITOR/CEILING MOUNT	SEE DETAIL ON S-102 SHEET
CEILING MOUNT INJECTOR	MINIMUM 8'-9 1/2"

PROJECT MANAGER: JOAS AGUILAR VALLEJO TEL: (817) 366-5832 EXT: FAX: EMAIL: JOAS.AGUILARVALLEJO@SIEMENS-HEALTHINEERS.COM		SIEMENS	
UNIVERSITY OF NORTH TEXAS		3400 CAMP BOWIE BOULEVARD, FORT WORTH, TX 76107 PET SCANNER 161 - BIOGRAPH VISION 450	
THE USE OR REPRODUCTION OF THIS TITLE BLOCK WITHOUT SIEMENS' AUTHORIZATION WILL RESULT IN PROSECUTION UNDER FULL EXTENT OF THE LAW. ALL RIGHTS ARE RESERVED.		PROJECT #: 2513583	SHEET: M-101
SYMBOL DATE DESCRIPTION		SHEET 8 OF 9 DRAWN BY: M. COPLEY	DATE: 12/19/25 02/06/26
-ISSUE BLOCK-		SCALE: AS NOTED REF. #: 30307942	

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SHEET IS INCLUDED FOR REFERENCE

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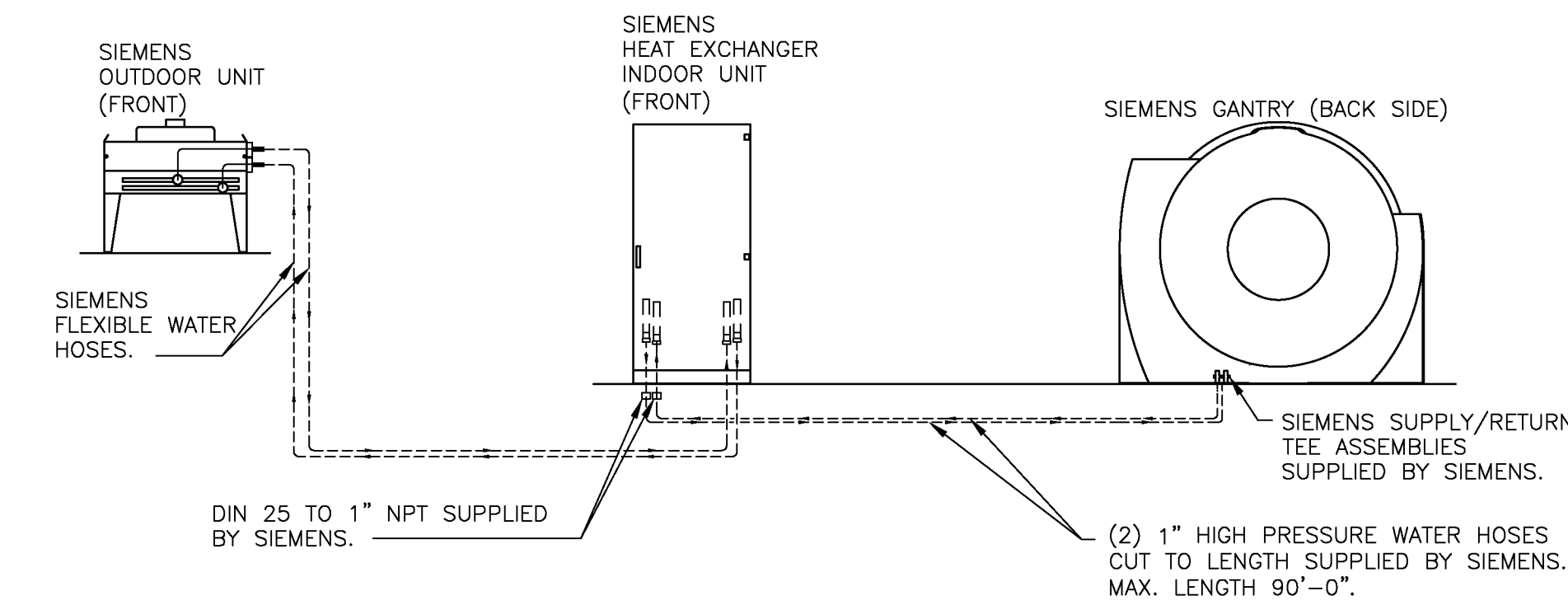
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WATER/AIR SPLIT COOLING DIAGRAM

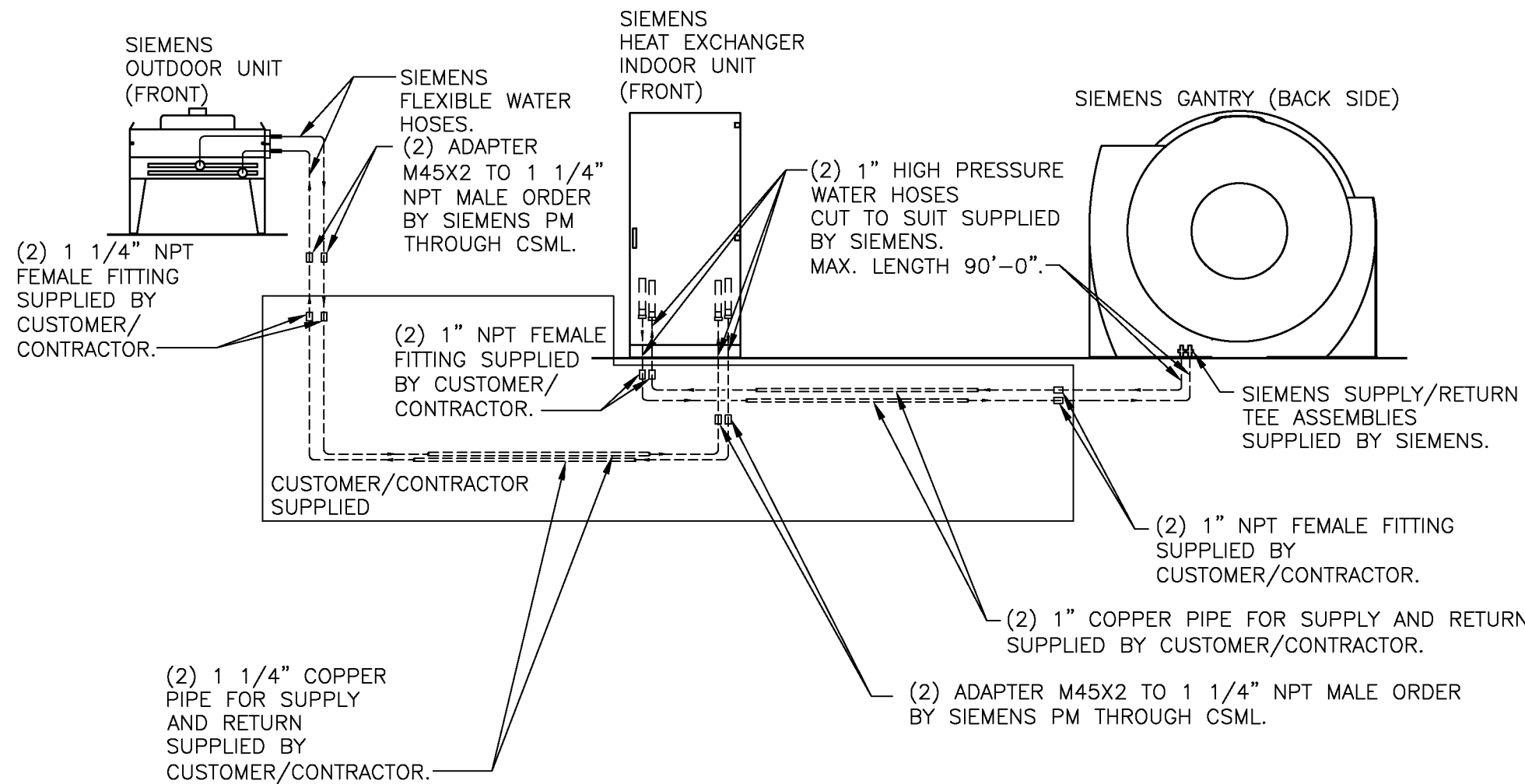
THE WATER-AIR SPLIT COOLING SYSTEM IS DELIVERED AS A PRE-INSTALLATION KIT. IT MUST BE INSTALLED PRIOR TO DELIVERY OF THE SYSTEM BY THE CUSTOMER/CONTRACTOR. THE FOLLOWING IS INCLUDED IN THE PRE-INSTALLATION KIT: OUTDOOR COOLING UNIT, INDOOR HEAT EXCHANGER CABINET, HOSES AND SYSTEM CABLES, 26.4 GALLONS ANTIFREEZE (GLYKOSOL-N, ADDITIONAL CAN BE ORDERED THROUGH SIEMENS LOCAL SERVICE), CONNECTION KIT AND CONNECTION SCHEMATIC.

THE COOLING CIRCUIT BETWEEN THE OUTDOOR UNIT AND THE INDOOR UNIT IS THE PRIMARY COOLING CIRCUIT. THE COOLING CIRCUIT BETWEEN THE GANTRY AND THE INDOOR COOLING UNIT IS THE SECONDARY COOLING CIRCUIT. FILLING OF THE PRIMARY COOLING CIRCUIT MUST BE PERFORMED BY THE CUSTOMER/CONTRACTOR LOCAL SPECIALIST FOR WATER INSTALLATIONS (A PLUMBER). THE STATIC FILL PRESSURE MUST BE SET TO 43.5 PSI ON THE PRIMARY CIRCUIT AND 29 PSI ON THE SECONDARY CIRCUIT AFTER FILLING AND COOLING SYSTEM OFF. THE PUMP IN THE PRIMARY COOLING CIRCUIT GENERATES AN OPERATING PRESSURE OF 29-73 PSI AT THE PUMP OUTLET. THE PUMP IN THE SECONDARY COOLING CIRCUIT GENERATES AN OPERATING PRESSURE OF 98-73 PSI AT THE PUMP OUTLET. ANTIFREEZE (GLYKOSOL-N) IS ADDED TO THE PRIMARY COOLING CIRCUIT, BY THE TECHNICIAN WHO WILL START THE SYSTEM. THE PRIMARY COOLING CIRCUIT (OUTDOOR) IS 40:60 (GLYCOL) FOR TEMPERATURE RANGE -22° TO 122°F. THE SECONDARY COOLING CIRCUIT (INDOOR) IS 35:65 GLYCOL (DOWFROST 35). APPROXIMATELY 26.4 GALLONS OF ANTIFREEZE (GLYKOSOL-N) IS INCLUDED IN DELIVERY AND ADDITIONAL CAN BE ORDERED THROUGH SIEMENS LOCAL SERVICE. WATER CANNOT BE ADDED TO THIS

SIEMENS SUPPLIED WATER HOSES



SIEMENS SUPPLIED WATER HOSES AND HARD PIPE

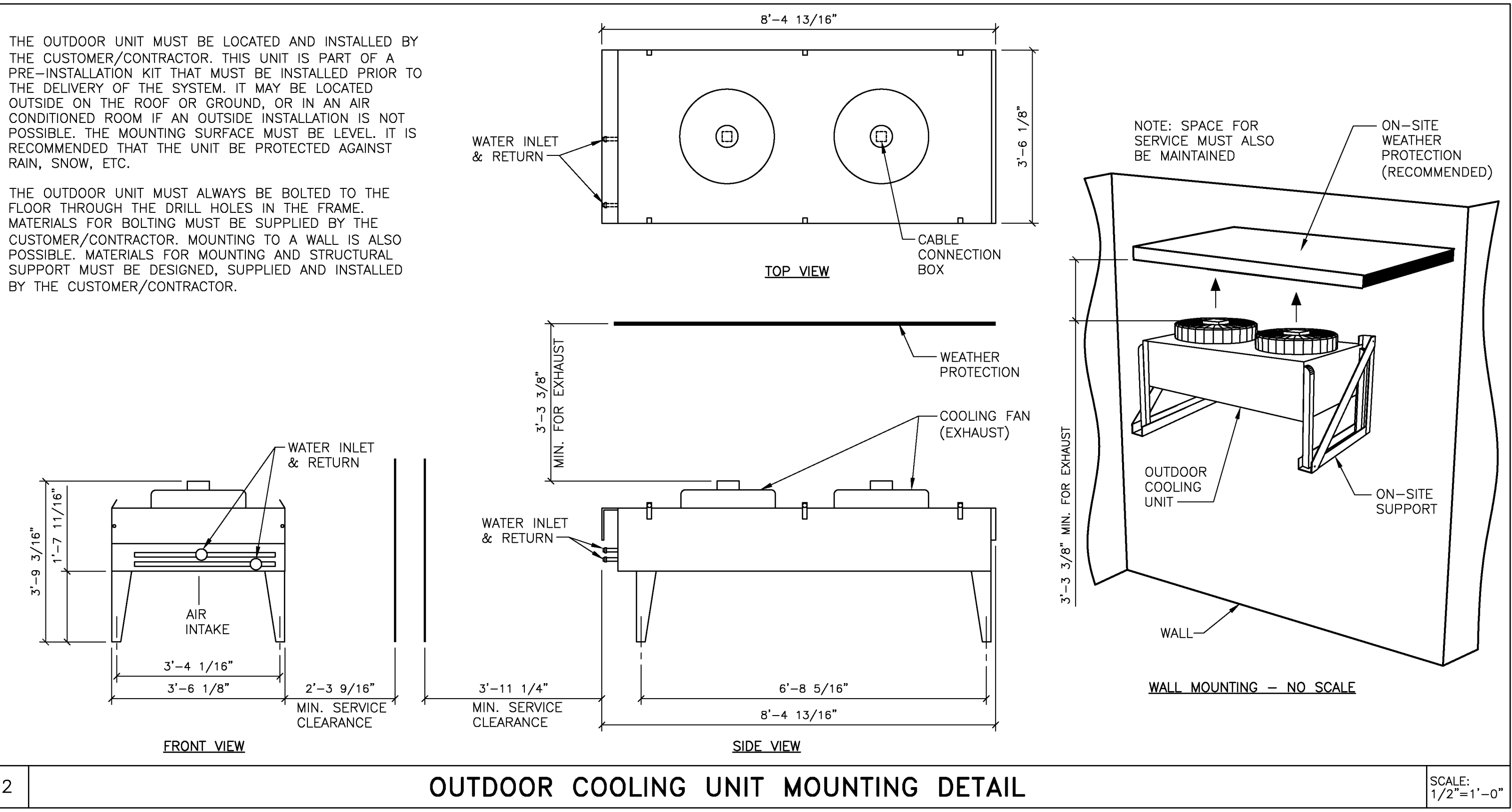


CUSTOMER/CONTRACTOR SUPPLIED LEGEND

- 2 QTY. 1 1/4" NPT FEMALE FITTING SUPPLIED
- 4 QTY. 1" NPT FEMALE FITTING SUPPLIED
- 2 QTY. 1 1/4" COPPER PIPE FOR SUPPLY AND RETURN SUPPLIED
- 2 QTY. 1" COPPER PIPE FOR SUPPLY AND RETURN SUPPLIED

THE OUTDOOR UNIT MUST BE LOCATED AND INSTALLED BY THE CUSTOMER/CONTRACTOR. THIS UNIT IS PART OF A PRE-INSTALLATION KIT THAT MUST BE INSTALLED PRIOR TO THE DELIVERY OF THE SYSTEM. IT MAY BE LOCATED OUTSIDE ON THE ROOF OR GROUND, OR IN AN AIR CONDITIONED ROOM IF AN OUTSIDE INSTALLATION IS NOT POSSIBLE. THE MOUNTING SURFACE MUST BE LEVEL. IT IS RECOMMENDED THAT THE UNIT BE PROTECTED AGAINST RAIN, SNOW, ETC.

THE OUTDOOR UNIT MUST ALWAYS BE BOLTED TO THE FLOOR THROUGH THE DRILL HOLES IN THE FRAME. MATERIALS FOR BOLTING MUST BE SUPPLIED BY THE CUSTOMER/CONTRACTOR. MOUNTING TO A WALL IS ALSO POSSIBLE. MATERIALS FOR MOUNTING AND STRUCTURAL SUPPORT MUST BE DESIGNED, SUPPLIED AND INSTALLED BY THE CUSTOMER/CONTRACTOR.



TECHNICAL DATA

	PRIMARY COOLING CIRCUIT	SECONDARY COOLING CIRCUIT
TEMPERATURE RANGE OF WATER	-22°F TO 122°F MAXIMUM	39°F TO 54°F
TEMPERATURE GRADIENT OF WATER	N/A	1 K/MINUTE
AMBIENT AIR TEMPERATURE RANGE (AIR INTAKE)	-22°F TO 122°F MAXIMUM	41°F TO 104°F
HEAT DISSIPATION	119,425 BTU/HR MAXIMUM TO THE AIR EXHAUST	6,824 BTU/HR TO ROOM AIR 64,594 BTU/HR TO WATER
RELATIVE HUMIDITY	0% TO 100%	20% TO 75% WITH DewPoint BETWEEN 63°F
BAROMETRIC PRESSURE	N/A	10.2 PSI TO 15.3 PSI
NOMINAL OPERATING PRESSURE	29 TO 73 PSI AT OUTPUT OF THE PUMP	58 PSI TO 73 PSI AFTER FILLING PROCEDURE
FILLING PRESSURE (STATIC)	43.5 PSI STATIC PRESSURE MEASURE WHEN COOLING SYSTEM IS OFF	29 PSI STATIC PRESSURE MEASURE WHEN COOLING SYSTEM IS OFF
FILLING VOLUME	20 GALLONS WITHOUT HOSE EXTENSION	13.2 GALLONS WITHOUT HOSE EXTENSION

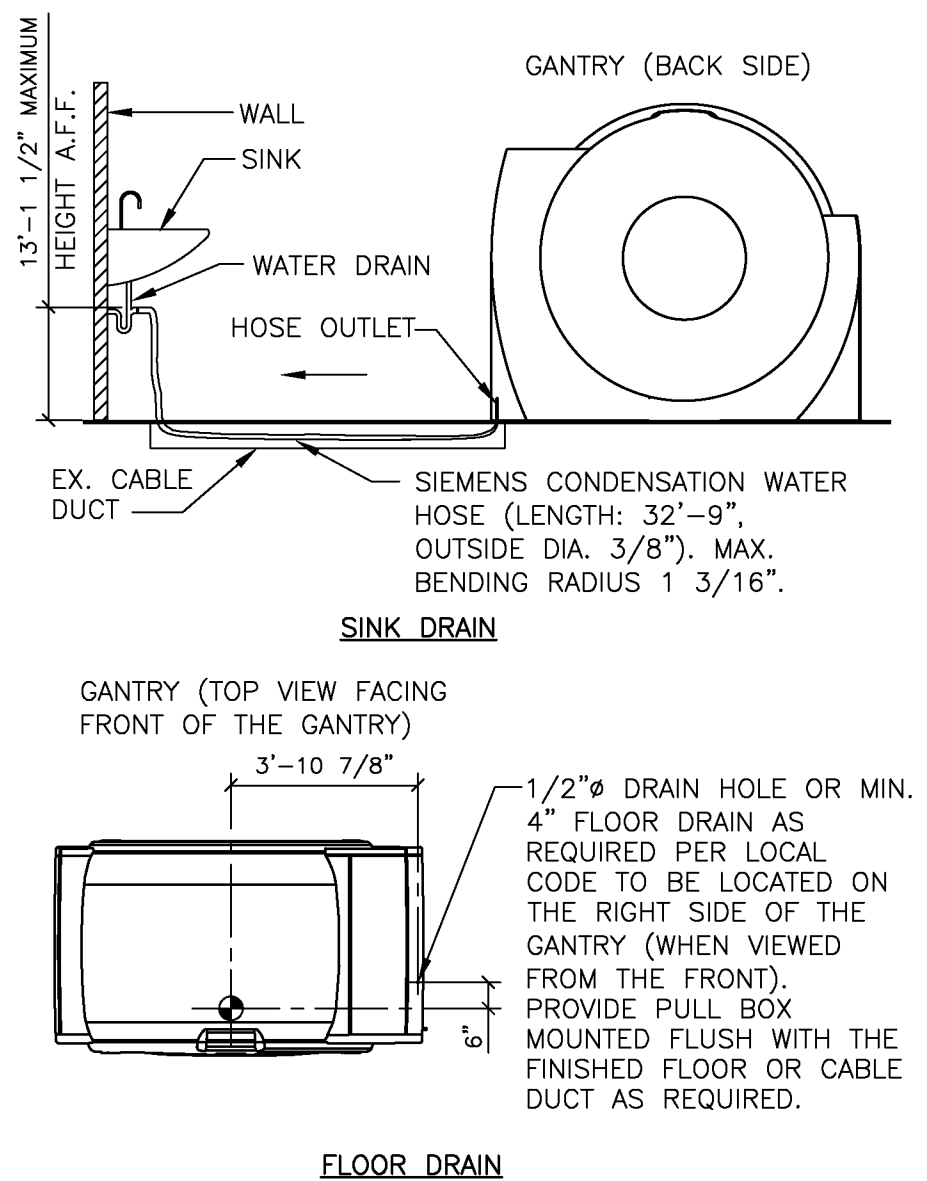
WATER QUALITY
FACILITY WATER NOT USED WITH THE WATER/AIR SPLIT SYSTEM.
OPERATION WITHOUT COOLANT WILL DESTROY THE PUMP IN THE COOLING SYSTEM. FOR THIS REASON, THE PUMP OF THE SECONDARY COOLING CIRCUIT CAN BE OPERATED ONLY WHEN FILLED ACCORDINGLY.

ANTIFREEZE (GLYKOSOL-N)
ANTIFREEZE (GLYKOSOL-N) MAY BE ADDED TO THE PRIMARY COOLING CIRCUIT ONLY, BY THE TECHNICIAN WHO WILL START THE SYSTEM. THE PRIMARY COOLING CIRCUIT (OUTDOOR) IS 40:60 (GLYCOL) FOR TEMPERATURE RANGE -22° TO 122°F. THE SECONDARY COOLING CIRCUIT (INDOOR) IS 35:65 (GLYCOL (DOWFROST 35). APPROXIMATELY 26.4 GALLONS OF ANTIFREEZE (GLYKOSOL-N) IS INCLUDED IN DELIVERY AND ADDITIONAL CAN BE ORDERED THROUGH SIEMENS LOCAL SERVICE. WATER CANNOT BE ADDED TO THIS MIXTURE.

CT CONDENSATION DRAIN:

A WATER DRAIN IS REQUIRED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER/CONTRACTOR TO DRAIN CONDENSED WATER FROM THE GANTRY. THE DRAIN MUST BE WITHIN 32"-9" OF THE GANTRY. THE HOSE MAY BE EXTENDED ON-SITE UP TO 65'-7" BY THE CUSTOMER/CONTRACTOR. BELOW ARE SOME EXAMPLES OF POSSIBLE WATER DRAINS. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH DRAIN TYPE TO USE AND FOR SPECIFYING, SUPPLYING AND INSTALLING THE PLUMBING FIXTURES NECESSARY TO CONNECT THE SIEMENS WATER HOSE TO THE SELECTED DRAIN.

THE MINIMUM FLOW RATE OF THE CONDENSED WATER IS 0.53 GALLONS/HR AT 75% RELATIVE HUMIDITY.



PET OVERFLOW:

THE SYSTEM DELIVERY INCLUDES THE PET OVERFLOW TANK WHICH IS TYPICALLY PLACED INSIDE THE GANTRY. THE TANK IS MOUNTED INSIDE THE GANTRY AND THE CONNECTIONS FROM THE GANTRY TO THE TANK ARE INTERNAL TO THE SYSTEM. IF THE TANK IS LOCATED AND MOUNTED IN THE EQUIPMENT ROOM, THE TANK WILL NEED TO BE VELCRO TO THE SIDE OF THE CWC CABINET NO HIGHER THAN 3'-0" FROM THE FINISHED FLOOR. THE OVER FLOW TANK HOSE WILL ROUTE IN THE GANTRY'S WATER HOSE ACCESS TO THE CWC CABINET. THE PET OVERFLOW TANK IS NOT REQUIRED WITH THE COOLING WATER/AIR SPLIT SYSTEM.

THE PET OVERFLOW CAN BE ROUTED WITH THE CT CONDENSATION WATER HOSE. THE TUBING FOR THE PET OVERFLOW IS 1/4" OUTSIDE DIA. AND 30'-0" LONG. THE TANK RELIES ON GRAVITY TO EMPTY. THEREFORE THE DRAIN CANNOT BE LOCATED NO GREATER THAN 3'-0" FROM THE FINISHED FLOOR. THE MAXIMUM DISTANCE FROM THE DRAIN TO THE GANTRY IS 88'-0".

CONDENSATION WATER DRAIN

BIOGRAPH VISION
REV 24

			PROJECT MANAGER: JOAS AGUILAR VALLEJO TEL: (817) 366-5832 EXT: FAX: EMAIL: JOAS.AGUILARVALLEJO@SIEMENS-HEALTHINEERS.COM		SIEMENS	
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			SCALE: AS NOTED		DATE: 12/19/25	
			REF. #: 30307942		DRAWN BY: M. COPLEY	
			DATE: 02/06/26			

SHEET IS INCLUDED FOR REFERENCE

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FACILITY
UNT Health Fort Worth

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02/13/2026

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

SIEMENS SITE
SPECIFIC

SHEET NUMBER

Q01-09

TYPICAL ABBREVIATIONS, SYMBOLS AND PLAN NOTES

GENERAL

THE FOLLOWING GENERAL NOTES CONSTITUTE A MAJOR PART OF THE PLANS AND SPECIFICATIONS. STRICT COMPLIANCE WITH THESE NOTES IS ESSENTIAL TO THE PROPER CONSTRUCTION OF THE BUILDING.

1. REFER TO THE PLAN NOTES, LOCATED IN THESE GENERAL NOTES, FOR APPLICATION OF DETAILS WHICH ARE DESIGNATED AS "TYPICAL DETAILS" IN THIS SET OF DRAWINGS.
2. SLEEVES AND BLOCKOUTS REQUIRED FOR PASSAGE OF DUCTWORK, PIPING, DRAINS, CONDUIT, ETC., AND ANCHORS REQUIRED FOR ANCHORING EQUIPMENT AND PIPING ARE NOT GENERALLY INDICATED ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL DETERMINE SUCH REQUIREMENTS FROM OTHER SERIES DRAWINGS, SUBCONTRACTORS, AND SUPPLIERS. SHEET 1001 PROVIDES THE LOCATIONS AND DETAILS FOR THESE ITEMS PRIOR TO FABRICATION OR CONSTRUCTION OF THE STRUCTURE. ANY CONFLICTS BETWEEN THESE ITEMS AND THE BUILDING STRUCTURE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.
3. VERIFY, OR ESTABLISH, LOCATIONS AND DIMENSIONS OF ALL FRAMED OPENINGS RELATED TO EQUIPMENT OR DUCTWORK, INCLUDING INSULATION, IF ANY, WHERE SUBSTANTIAL RELOCATION OR RECONFIGURATION IS REQUIRED, SUBMIT A DRAWING TO THE ARCHITECT FOR REVIEW.
4. LOCATE EXISTING REINFORCING, USING APPROPRIATE IMAGING EQUIPMENT, PRIOR TO CUTTING OR DRILLING INTO CONCRETE. PREPARE A CUT OR DAMAGE EXISTING REINFORCEMENT, SET THE REQUIRED OPERATIONS MARK, DETERMINE EXISTING REINFORCING UNAVOIDABLE, INFORM ARCHITECT SO THAT THE CONDITION MAY BE EVALUATED AND ALTERNATIVE DIRECTIONS GIVEN.
5. MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL WHICH ARE NOT AS SPECIFIED IN THE DOCUMENTS SHALL BE ACCOMPANIED BY A CURRENT ES REPORT (BY ICC EVALUATION SERVICE, INC.), MATERIALS OR PRODUCTS THAT DO NOT MEET THE ES REPORT INDICATING THE SUBSTITUTED MATERIAL OR PRODUCT TO BE EQUAL TO THAT SPECIFIED, WILL NOT BE CONSIDERED.

EXISTING CONDITIONS

1. FIELD VERIFY ALL RELEVANT DIMENSIONS AND CONDITIONS AT EXISTING STRUCTURES PRIOR TO STARTING SHOP DRAWINGS AND THE CONSTRUCTION PROCESS IN THOSE AREAS. SUBMIT APPROPRIATE PLANS AND DETAILS REFLECTING THE FIELD VERIFIED EXISTING CONDITIONS FOR THE ARCHITECT'S USE.
2. EXISTING CONDITIONS WHICH REQUIRE MODIFICATIONS TO THE DESIGN OF THE PROPOSED CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT.
3. THE TESTING LABORATORY SHALL EXAMINE AND REPORT ON THE CONDITION OF PORTIONS OF THE EXISTING STRUCTURE WHICH WILL BE ALTERED OR WHICH WILL SUPPORT NEW FRAMING, WITH SPECIAL EMPHASIS ON THE FOLLOWING:
 - A. SENSITIVE PORTIONS OF FRAMING AREAS TO BE REMOVED OR ALTERED.
 - B. CONFIGURATION AND EVIDENCE OF EXCESSIVE CORROSION OR OTHER DAMAGE SHALL BE REPORTED.

SUBSTITUTIONS

1. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHOWN IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS TO BE DEDUCTED FROM THE CONTRACT.

SUBMITTALS

1. THE CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS AND SHALL CERTIFY THAT HE HAS DONE SO BY A STAMP NOTING THAT THE DRAWINGS HAVE BEEN "APPROVED" AND WHICH BEARS THE SIGNATURE OF THE CHIEF ENGINEER OR ANOTHER REGISTERED PROFESSIONAL ENGINEER OF THE STATE OF OHIO, WHICH DO NOT REFLECT THE CONTRACTOR'S APPROVAL. SIGNATURE AND DATE WILL BE RETURNED WITHOUT REVIEW.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTION OF INADEQUATE OR INCORRECT SHOP DRAWINGS.
3. WHERE REVIEW AND RETURN OF SHOP DRAWINGS IS REQUIRED OR REQUESTED, THE ENGINEER WILL REVIEW EACH SUBMITTAL AND, WHERE POSSIBLE, RETURN WITHIN 2 WEEK(S) OF RECEIPT.
4. CORRECTIONS OR COMMENTS ON SHOP DRAWINGS OR MANUFACTURERS' DATA SHEETS DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. THE ENGINEER'S REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING ALL QUANTITIES AND DIMENSIONS, SELECTING APPROPRIATE MATERIALS AND METHODS OF CONSTRUCTION, AND FOR COMPLETING HIS WORK WITH THAT OF ALL OTHER CONTRACTORS AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

DESIGN LOADS

- | | | | |
|----|---|--------------|--------------------|
| 1. | DEAD LOADS INCLUDE THE WEIGHT OF THE STRUCTURAL COMPONENTS AND ALLOWANCES FOR PERMANENT PARTITIONS, PERMANENT FIXTURES, FINISHES, ROOFING, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION MATERIALS SHOWN OR SPECIFIED. | | |
| 2. | DESIGN LIVE LOADING IS AS FOLLOWS: | UNIFORM LOAD | CONCENTRATED LOAD* |
| | PUBLIC CORRIDORS (FIRST FLOOR)..... | 100 PSF | 2000 LBS |
| | PATIENT ROOM..... | 40 PSF | 1000 LBS |
| | STORAGE WAREHOUSES (LIGHT)..... | 125 PSF | ** |
| 3. | SPECIAL LOADS:
MEDICAL EQUIPMENT PER MANUFACTURER DATA SHEETS | | |

CODES & DESIGN SPECIFICATIONS

1. BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE.
2. DESIGN LOADS: ASCE 7-16 WITH SUPPLEMENT 1 "MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES."
3. STRUCTURAL CONCRETE: "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-19)," THE AMERICAN CONCRETE INSTITUTE.

CRACK REPAIR WITH EPOXY INJECTION

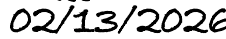
1. CRACKS LARGER THAN 0.010 IN THE CONCRETE BEAMS TO RECEIVE NEW FRP REINFORCEMENT AND AT CRACKS IN EXISTING SLABS/ BEAMS WHERE NOTED ON PLAN SHALL BE REPAIRED BY EPOXY INJECTION.
2. EPOXY INJECTION SHALL BE PERFORMED IN ACCORDANCE WITH ACI 503.7-07 "SPECIFICATION FOR CRACK REPAIR BY EPOXY INJECTION."
3. EPOXY INJECTION SHALL BE PERFORMED WITH SIKADUR 35, HI-MOD LV LPL OR EQUAL.
4. INSTALL EPOXY INJECTION MATERIAL PER MANUFACTURER'S RECOMMENDATIONS.

SURFACE MOUNTED FRP SYSTEM

1. THE FRP COMPOSITE SYSTEM SHALL HAVE A CURRENT ICC EVALUATION REPORT AND BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS, MANUFACTURER'S AND ICC RECOMMENDATIONS AND PROCEDURES.
2. THE FRP COMPOSITE SYSTEM SHALL BE DESIGNED BY AN ENGINEER RETAINED BY THE FRP SUPPLIER, AND LICENSED IN THE STATE OF TEXAS, TO MEET THE PERFORMANCE CRITERIA SHOWN ON THE CONTRACT DOCUMENTS. SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY THE LICENSED PROFESSIONAL ENGINEER.
3. THE FRP COMPOSITE SYSTEM SHALL INCLUDE A 10 YEAR MANUFACTURING AND MATERIAL WARRANTY.
4. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, NECESSARY STORAGE, ACCESS, LABOR AND SUPERVISION REQUIRED FOR THE PROPER APPLICATION OF THE FRP COMPOSITE.
5. DELIVER EPOXY MATERIALS IN FACTORY-SEALED CONTAINERS WITH THE MANUFACTURER'S LABELS INTACT AND LEGIBLE WITH VERIFICATION OF DATE OF MANUFACTURE AND SHELF LIFE.
6. STORE MATERIALS A PROTECTED AREA AT A TEMPERATURE BETWEEN 35 AND 100 DEGREES F.
7. CLEAN EXISTING, EXPOSED REINFORCING STEEL OF CORROSION, REMOVE LOOSE OR UNSOUND CONCRETE, AND PATCH CONCRETE SUBSTRATE PRIOR TO THE APPLICATION OF THE FRP SYSTEM. EPOXY-INJECT EXISTING CRACKS AS DIRECTED.
8. THE SURFACE TO RECEIVE THE COMPOSITE SHALL BE FREE FROM FINIS, SHARP EDGES, AND PROTRUSIONS THAT WILL CAUSE A VOID BEHIND THE INSTALLED COMPOSITE OR THAT WILL DAMAGE THE FIBERS, EXISTING UNWEVEN SURFACES SHALL BE FILLED WITH EPOXY FILLER
9. THE SURFACE TO RECEIVE THE COMPOSITE SHALL BE PREPARED TO HAVE AN INTERNATIONAL CONCRETE REPAIR INSTITUTE (ICRI) CONCRETE SURFACE PROFILE OF CSP3 ACCORDING TO ICRI GUIDELINE NO. 03732.
10. THE SURFACE TO RECEIVE THE COMPOSITE SHALL BE TESTED FOR MOISTURE CONTENT PRIOR TO THE INSTALLATION OF FRP. SUBSTRATE MOISTURE CONTENT SHALL MEET FRP MANUFACTURER'S RECOMMENDATIONS.
11. WHERE FRP IS REQUIRED TO BE INSTALLED OVER NEW CONCRETE, ALLOW NEW CONCRETE TO CURE FOR AT LEAST 7 DAYS, OR UNTIL THE NEW CONCRETE SURFACE MOISTURE CONTENT MEETS FRP MANUFACTURER'S RECOMMENDATIONS.
12. ROUND OFF SHARP AND CHAMFERED CORNERS TO A RADIUS OF 1 INCH BY MEANS OF GRINDING OR FORMING WITH THE SYSTEM'S THICKENED EPOXY.
13. ALL CONTACT SURFACES FOR THE COMPOSITE SHALL BE CLEANED BY HAND OR COMPRESSED AIR.
14. APPLY COMPOSITE SYSTEM PER THE MANUFACTURER'S RECOMMENDATIONS.
15. ALLOW THE COMPOSITE SYSTEM TO FULLY CURE PER THE MANUFACTURER'S SPECIFICATIONS PRIOR TO BEING SUBJECTED TO MOISTURE OR ANY LOAD.
16. PROVIDE SMOOTH TRANSITIONS BETWEEN FRP LAYERS ORIENTED IN DIFFERENT DIRECTIONS.
17. FOLLOW AMERICAN CONCRETE INSTITUTE (ACI) COMMITTEE REPORT 440.2R-08 GUIDE FOR THE DESIGN AND CONSTRUCTION OF EXTERNALLY BONDED FRP SYSTEMS FOR STRENGTHENING CONCRETE STRUCTURES' RECOMMENDATIONS FOR THE HANDLING AND CONSTRUCTION OF FRP SYSTEMS.

FRP FIRE PROTECTION

1. ALL NEW FRP SHALL BE PROTECTED WITH SIKACRETE 213-F OR EQUAL TO ACHIEVE A MINIMUM UL LISTED FIRE RATING OF 2 HOURS.
2. SIKACRETE 213-F SHALL BE EXTENDED A MINIMUM OF 6" BEYOND ALL EDGES OF ALL FRP STRIPS.
3. SURFACE TO RECEIVE FIRE PROTECTION SHALL BE FREE OF EXCESS DUST, DEBRIS, OIL, GREASES, AND OTHER BOND INHIBITING MATERIALS.
4. PREPARE CONCRETE AND FRP SURFACES TO RECEIVE SIKACRETE 213-F IN STRICT ACCORDANCE WITH THE SIKACRETE 213-F MANUFACTURER'S RECOMMENDATIONS.
5. MIX AND INSTALL SIKACRETE 213-F PER THE MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE A MINIMUM TOTAL THICKNESS OF 1-1/2".
6. THE FRP COMPOSITE SYSTEM AND THE FIRE PROTECTION PRODUCT SHALL BE A COMPATIBLE, SINGLE SOURCE SYSTEM FROM THE SAME MANUFACTURER.



PROJECT

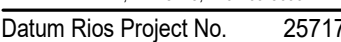
KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE
TYPICAL
ABBREVIATIONS,
SYMBOLS AND PLAN
NOTES
SHEET NUMBER

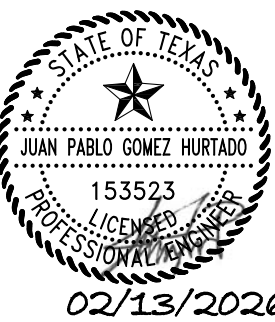
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PROJECT

UNT Health Imaging
PET Addition
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Fort Worth, Texas 76107

KEYPLAN

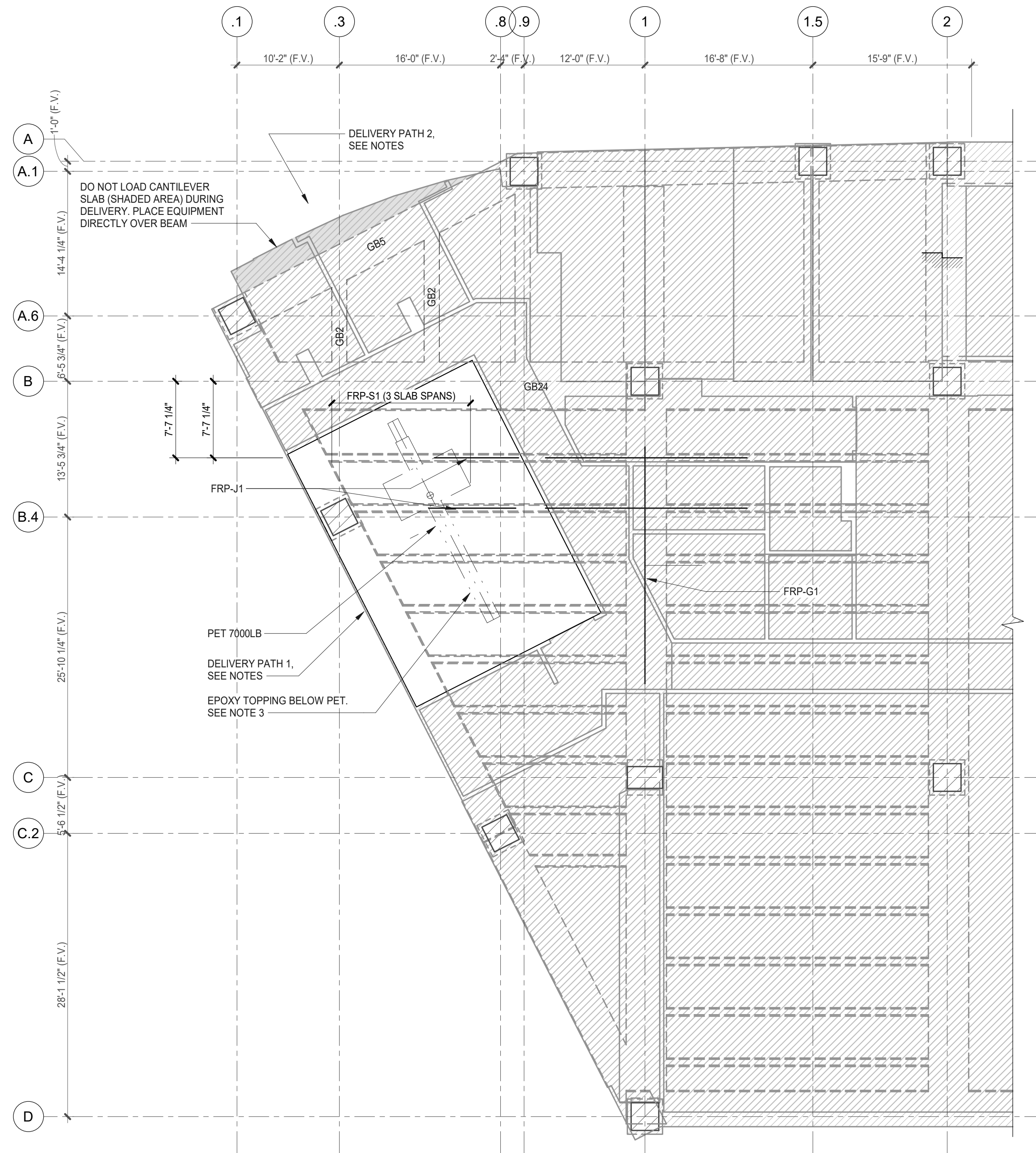
ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

PLANS & TYPICAL
DETAILS

SHEET NUMBER

S01-01



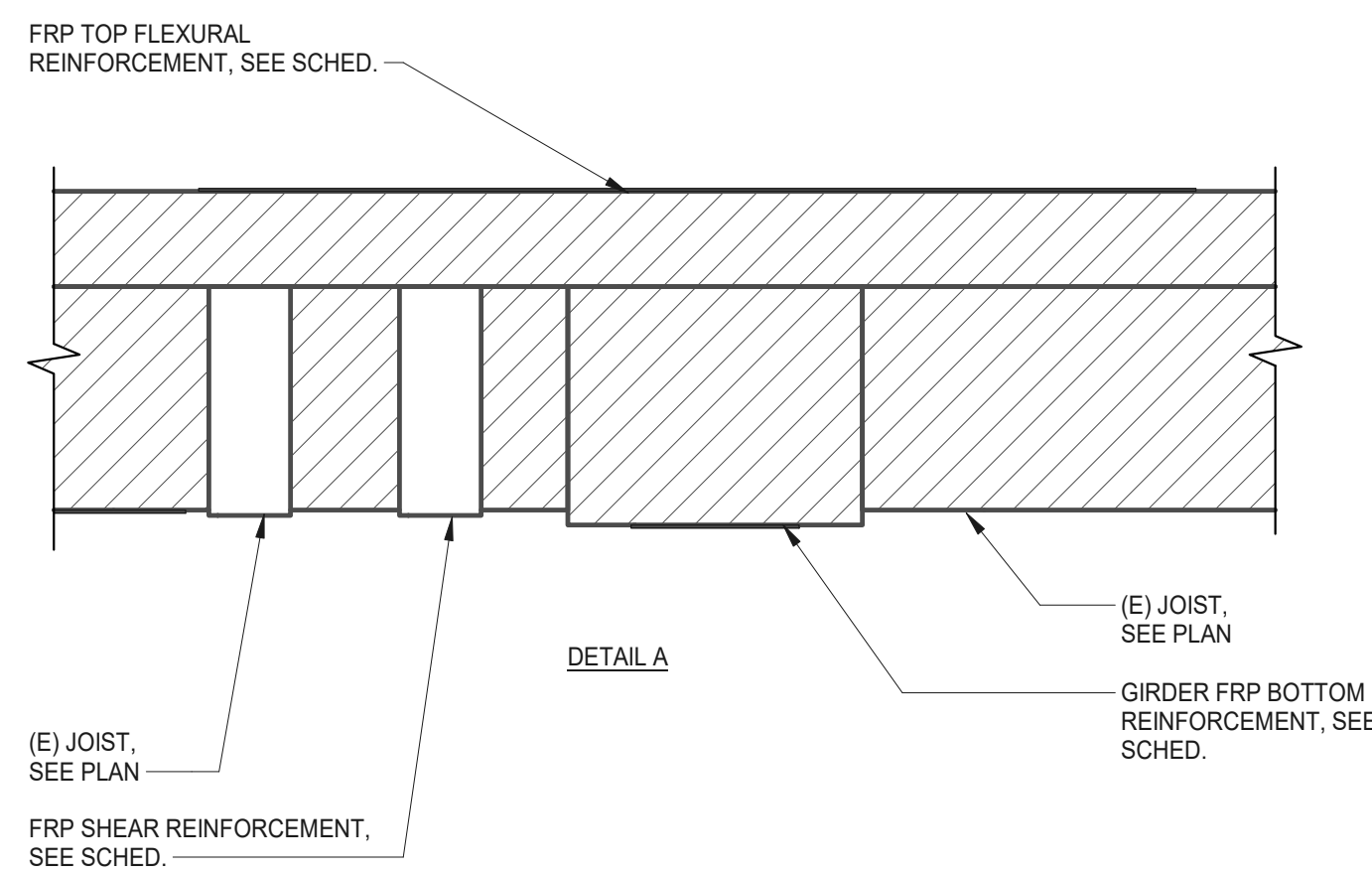
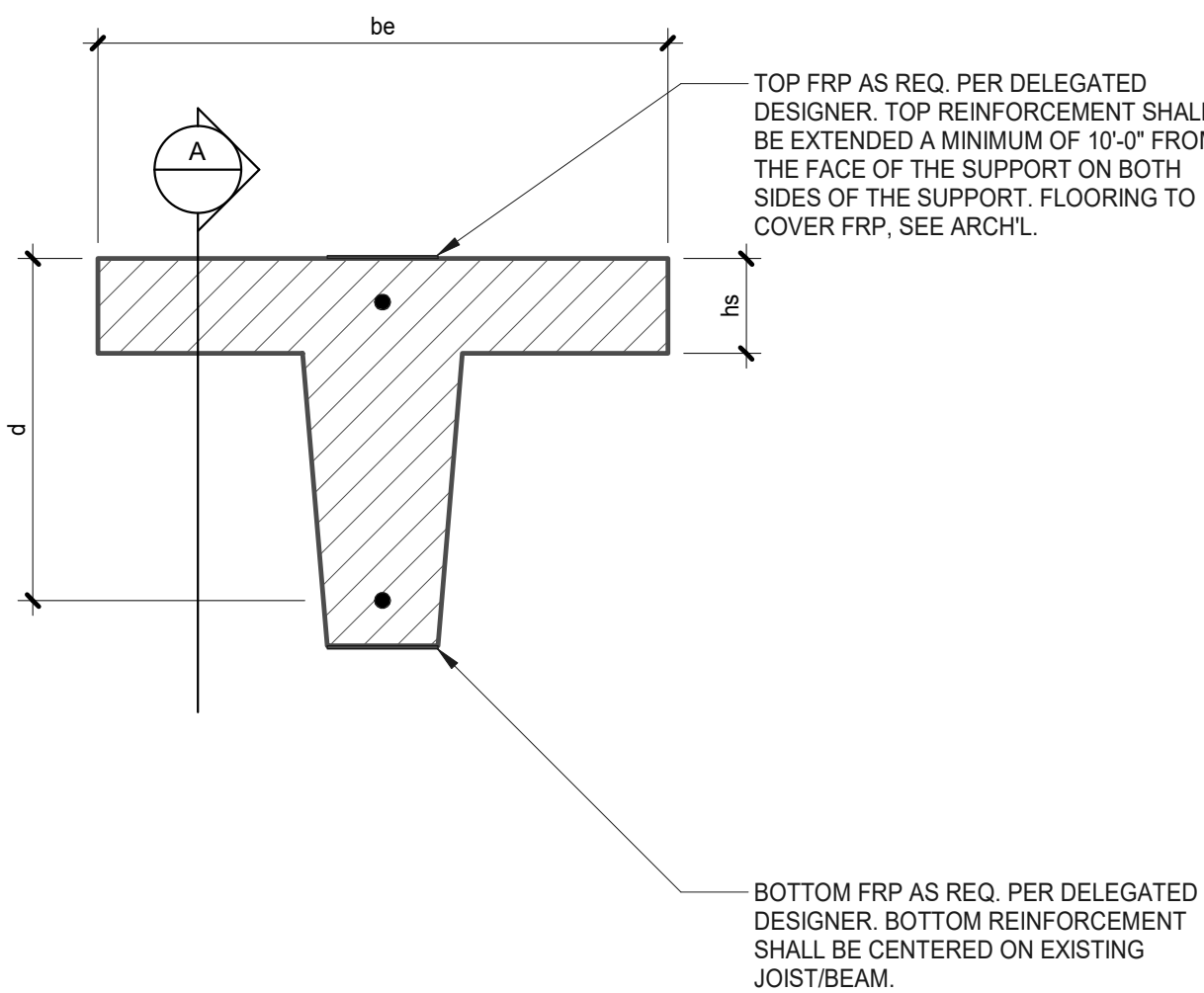
- NOTES:
- CONTRACTOR SHALL SCAN AND LOCATE EXISTING REINFORCEMENT USING NON-DESTRUCTIVE MEANS PRIOR INSTALLING POST-INSTALLED ANCHORS AND CORING SLABS FOR NEW CONDUITS. EXISTING REINFORCEMENT SHALL NOT BE DAMAGED.
 - INTERVENTION MONITOR CEILING MOUNT WAS CHECKED FOR 1349LB EXTRACTION FORCE AND NO ADDITIONAL REINFORCEMENT IS REQUIRED. CONNECTIONS TO BOTTOM OF EXISTING JOISTS IS NOT PERMITTED.
 - THE CONTRACTOR SHALL CONDUCT A FLOOR LEVELNESS SURVEY PRIOR TO COMMENCEMENT OF WORK AT THE PET ROOM AT THE AREA WHERE THE PET IS TO BE INSTALLED. THE VARIATION OF THE FLOOR LEVELNESS IN THE GANTRY AND PHS AREAS SHOULD NOT EXCEED 1/2" OVER THE ENTIRE FOOTPRINT OF THE SYSTEM. VARIATION IS TO BE MEASURED AT THE GANTRY AND PHS MOUNTING POINTS. IF LEVELNESS DOES NOT CONFORM TO THE CRITERIA ABOVE, PROVIDE 1" EPOXY MACHINE BASE PAD PER MANUFACTURER RECOMMENDATIONS.
 - ALL THE REQUIREMENTS OF THIS SET OF DRAWINGS ARE BASED ON THE MANUFACTURER SITE SPECIFIC DRAWINGS TITLED "UNIVERSITY OF NORTH TEXAS" DATED 12/19/2026 WITH REVISIONS ISSUED 02/06/2019.
- EQUIPMENT DELIVERY NOTES:
- TWO DELIVERY PATHS WERE CONSIDERED AS NOTED ON PLAN
- DELIVERY PATH 1:
- A. DELIVER THE EQUIPMENT FROM THE SIDE OF THE BUILDING ONCE GLAZING IS REMOVED. EXISTING PERIMETER BEAM WAS CHECKED FOR WEIGHT OF PET DURING DELIVERY.
- DELIVERY PATH 2:
- A. DELIVER EQUIPMENT FROM THE NORTH SIDE OF THE BUILDING ONCE GLAZING IS REMOVED. BEAMS GB2, GB5, AND GB24 WERE CHECKED FOR WEIGHT OF PET DURING DELIVERY. DO NOT LOAD CANTILEVER SLAB HATCHED ON PLAN. PLACE THE EQUIPMENT DIRECTLY ON TOP OF THE PERIMETER BEAM. THE EQUIPMENT SHALL ALWAYS BE SUPPORTED BETWEEN THE TWO GB2s. DO NOT LOAD THE SLAB.
- EQUIPMENT SHALL BE DELIVERED ONCE STRUCTURE STRENGTHENING IS IN PLACE.
 - DURING DELIVERY, THE LIVE LOAD SHALL BE LIMITED TO 20PSF ALONG ANY DELIVERY PATH.

1 FIRST FLOOR FRAMING

SCALE 1/8" = 1'-0"

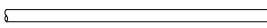
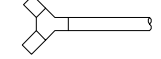
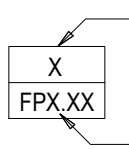
FRP REINFORCEMENT SCHEDULE									
MARK	FRP LOCATION & ORIENTATION	(E) SLAB THICKNESS "hs"	EFFECTIVE DEPTH "d" (in)	EFFECTIVE FLANGE WIDTH	BEAM WIDTH "b" (in)	SERVICE DEAD LOAD MOMENT ¹	FACTORED DESIGN MOMENT ² (k-ft)	FACTORED SHEAR ³ (kip)	EXISTING FLEXURAL AS (IN ²)
FRP-J1	BOTTOM	4 1/2	18	53	7	65	155	NA	1.39
FRP-J1	TOP AND RIGHT SIDE	4 1/2	18	53	7	64	135	30	1.39
FRP-G1	BOTTOM	4 1/2	18	120	48	315	870	NA	10.74
FRP-S1	BOTTOM	4 1/2	2 1/4	20	N/A	1.69	3.5	NA	0.183

- NOTES:
- SERVICE MOMENT IS THE MOMENT DUE TO DEAD LOAD PRIOR TO INSTALLATION OF EQUIPMENT.
 - FACTORED DESIGN MOMENT IS THE ULTIMATE (LRFD) MOMENT FOR WHICH THE FRP SHALL BE DESIGNED.
 - IF SHEAR VALUE IS SHOWN, ADDITIONAL SHEAR REINFORCEMENT IS REQUIRED. EXTEND SHEAR REINFORCEMENT A MINIMUM OF 2'-0" FROM THE FACE OF THE SUPPORT. ASSUME EXISTING SHEAR CONTRIBUTION OF CONCRETE (UNFACTORED V_c) AS 15K. IF "N/A" IS SHOWN, NO ADDITIONAL SHEAR REINFORCEMENT IS REQUIRED.
 - BOTTOM REINFORCEMENT SHALL BE CENTERED ON THE MEMBER. TOP REINFORCEMENT SHALL BE CENTERED ON THE APPLICABLE SUPPORT.
 - FOR SLAB REINFORCEMENT, 16" STRIPS OF CONCRETE WERE ASSUMED. SERVICE DEAD LOAD MOMENT, FACTORED DESIGN MOMENT, AND REINFORCEMENT PROVIDED ARE ASSUMED TO ACT ON A 20" WIDE STRIP. REINFORCEMENT SHALL BE SIZE FOLLOWING THESE ASSUMPTIONS.
 - THE STRENGTH OF THE EXISTING STRUCTURE HAS BEEN CHECKED AND COMPLIES WITH ACI440.2R SECTION 9.2 "STRENGTHENING LIMITS".
 - ASSUME COMPRESSIVE STRENGTH OF EXISTING CONCRETE AS 4000 PSI.



DEMOLITION GENERAL NOTES	
1.	CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE PROTECTION SYSTEM RISER AND ACCESSORIES PRIOR TO BID AND DEMOLITION.
2.	CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND PROVIDE IN BID ANY WORK TO BE ANTICIPATED TO BE ASSOCIATED WITH THE REPLACEMENT OF THE EXISTING CEILINGS THROUGHOUT THE BUILDING.
3.	CONTRACTOR SHALL INCLUDE ANY BID WORK ANTICIPATED WITH ADJUSTING FIRE PROTECTION PIPING AS TO COORDINATE WITH ALL ABOVE CEILING INSTALLATIONS OF PLUMBING, MECHANICAL, FIRE ALARM, AND ELECTRICAL SUB-CONTRACTORS.

FIRE PROTECTION GENERAL NOTES	
1.	ALL FIRE PROTECTION PIPE AND FITTINGS SHALL BE DOMESTICALLY MANUFACTURED BY ONE OF THE MANUFACTURERS LISTED IN THE LATEST EDITION OF THE AMERICAN PETROLEUM INSTITUTE (API) APPROVED MANUFACTURERS LISTING. PROCUREMENT OF MATERIALS RELATED TO THE FIRE PROTECTION SYSTEM SHALL COMPLY WITH UNIVERSITY OF NORTH TEXAS, UNT PROCUREMENT REQUIREMENTS AND LOCAL REGULATIONS.
2.	ALL SPRINKLERS IN SPACES VISIBLE TO PUBLIC VIEW SHALL BE LOCATED SYMMETRICALLY IN RELATION TO CEILING DESIGN ELEMENTS, LIGHTING FIXTURES, SPEAKERS, DIFFUSERS, ETC. ALL CEILING COMPONENTS ARE TO BE INDICATED ON THE SUBMITTAL DRAWINGS AS NOTED PREVIOUSLY TO INSURE COORDINATION WITH ALL CEILING ELEMENTS AND DEVICES. PIPING TO SPRINKLERS IN THESE AREAS IS TO BE PROVIDED WITH RETURN BENDS IF REQUIRED TO ALLOW FOR EXACT PLACEMENT.
3.	SPRINKLER HEADS INSTALLED IN LAY-IN ACOUSTICAL TILE CEILINGS SHALL BE CENTERED IN THE CEILING TILES OR INSTALLED ON QUARTER POINTS OF THE FOUR FOOT DIMENSIONS OF 2' x 4' TILES.
4.	ALL FIRE PROTECTION WORK SHALL COMPLY WITH ALL APPLICABLE SECTIONS OF NFPA 13 AND SHALL MEET THE APPROVAL OF THE OWNERS INSURANCE UNDERWRITER, AND LOCAL AUTHORITIES HAVING JURISDICTION.
5.	SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO ORDERING, PURCHASING, OR FABRICATION ANY FIRE PROTECTION EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: SPRINKLER DRAWINGS AND CALCULATIONS BEARING THE SEAL OF A REGISTERED TEXAS RME, SPRINKLER PIPING, SPRINKLER HEADS, HOSE RACKS, HYDRANTS AND VALVES, PUMPS, CONTROLLERS AND ACCESSORIES, TANKS AND ACCESSORIES. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO BEING SUBMITTED TO THE ARCHITECT.
6.	CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL FIRE PROTECTION EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
7.	ALL FIRE PROTECTION EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE BY OWNER.
8.	ALL PIPING ABOVE GRADE SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. PIPING HUNG FROM JOISTS SHALL BE HUNG FROM THE TOP CHORDS OF THE JOISTS. THIS INCLUDES ALL EXISTING SPRINKLER PIPING. IF EXISTING SPRINKLER PIPING IS SUPPORTED BY CEILING TILES/CEILING STRUCTURES, THE CONTRACTOR SHALL DETACH THE EXISTING SPRINKLER PIPING FROM CEILING TILES/CEILING STRUCTURE AND REATTACH TO BUILDING STRUCTURE.
9.	ALL SPRINKLER SYSTEMS SHALL BE DESIGNED TO THE AVAILABLE CITY WATER SUPPLY. CONTRACTOR SHALL HAVE CURRENT FLOW TEST PERFORMED PRIOR TO DESIGN. A MINIMUM 10 PSI SAFETY FACTOR SHALL BE MAINTAINED BETWEEN REQUIRED PRESSURE DEMAND AND AVAILABLE WATER SUPPLY.
10.	ALL SPRINKLER SYSTEM RISERS SHALL INCLUDE AN ALARM CHECK VALVE, OUTSIDE WATER MOTOR GONG OR ELECTRIC BELL, INSIDE ELECTRIC BELL, FLOW SWITCH, ETC.
11.	HYDRAULIC CALCULATIONS SHALL INCLUDE AN ALLOWANCE FOR INSIDE AND OUTSIDE HOSE STREAMS AS REQUIRED BY NFPA 13.
12.	ALL MAJOR VALVES SHALL HAVE U.L. LISTED SUPERVISORY SWITCHES COMPATIBLE WITH THE OWNERS CENTRAL ALARM SYSTEM. WIRING OF THE SWITCHES SHALL BE BY OTHERS.
13.	GROOVED (VICTAULIC) COUPLINGS SHALL NOT BE USED OVER OR NEAR ELECTRICAL SWITCHGEAR, PANELS OR TRANSFORMERS.
14.	ALL SPRINKLER PIPING SHALL BE ROUTED TO MAINTAIN MINIMUM CLEAR HEIGHTS INDICATED ON ARCHITECTURAL DRAWINGS.
15.	ALL SPRINKLER PIPING EXTENDING THROUGH A FIRE RATED BARRIER OR WALL MUST BE SEALED USING A UL APPROVED CONFIGURATION AND MATERIALS THAT RESTORE THE RATING OF THE BARRIER OR WALL.
16.	ALL DRY PIPE SPRINKLER SYSTEMS SHALL BE COMPLETE WITH OS&Y GATE VALVES AND DRY PIPE VALVES, AIR COMPRESSORS, WATER MOTOR GONGS, ELECTRIC BELLS, ACCESSORIES AND PRESSURE SWITCHES COMPATIBLE WITH THE OWNERS CENTRAL ALARM SYSTEM. WIRING OF THE SWITCHES WILL BE BY OTHERS.
17.	ALL PIPING ON THE SYSTEM SIDES OF WET PIPE SHALL BE BLACK STEEL SCHEDULE 40.
18.	ALL PIPING ON THE SYSTEM SIDES OF DRY PIPE OR PRE-ACTION VALVES SHALL BE GALVANIZED CLASS 150 AND 300 MALLEABLE IRON THREADED FITTINGS, ANSI B16.1.
19.	DO NOT ROUTE SPRINKLER PIPING DIRECTLY OVER ELECTRICAL PANELS.
20.	IN THESE DOCUMENTS, "FURNISH" SHALL MEAN TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION AND SIMILAR OPERATIONS. "INSTALL" SHALL MEAN TO UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT THE PROJECT SITE. "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
21.	UNT REQUIREMENT: INDEPENDENTLY SUPPORT ALL EQUIPMENT, CONDUITS, PIPING, ETC. FROM BUILDING STRUCTURE. ALL TRAPEZE AND/OR HANGER SUPPORTS TO BE PROVIDED WITH DOUBLE NUT OR LOCK NUT WITH FLAT WASHER.

FIRE PROTECTION LEGEND			
PIPING			
	FIRE PROTECTION WET PIPING		PIPE DOWN
	FIRE PROTECTION DRY PIPING		PIPE UP
SYMBOLS AND ACCESSORIES			
	CHECK VALVE		FIRE RISER
	FDC		CONNECT TO EXISTING
	SUPERVISED VALVE		DETAIL NUMBER DETAIL CALL-OUT
	FLOW SWITCH		

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THIS DOCUMENT IS INTENDED TO DESCRIBE
THE FUNCTION, PLACEMENT,
PERFORMANCE, AND OPERATION OF THE
FIRE PROTECTION SYSTEM FOR PLANNING
PURPOSES ONLY. FINAL SHOP DRAWINGS
FOR PERMIT APPROVAL SHALL BE
PROVIDED BY A LICENSED FIRE
PROTECTION CONTRACTOR.

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

FIRE PROTECTION
GENERAL NOTES AND
LEGEND

SHEET NUMBER

FP00-01

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1 FIRE PROTECTION DEMOLITION PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE PROTECTION SYSTEM RISER AND ACCESSORIES PRIOR TO BID AND DEMOLITION.
- B. CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND PROVIDE IN BID ANY WORK TO BE ANTICIPATED TO BE ASSOCIATED WITH THE REPLACEMENT OF THE EXISTING CEILINGS THROUGHOUT THE BUILDING.
- C. CONTRACTOR TO INCLUDE ANY BID WORK ANTICIPATED WITH ADJUSTING EXISTING FIRE PROTECTION PIPING AS TO COORDINATE WITH ALL ABOVE CEILING INSTALLATIONS OF PLUMBING, MECHANICAL, FIRE ALARM, AND ELECTRICAL SUB-CONTRACTORS.
- D. DEMOLISH ALL FIRE PROTECTION PIPING, SPRINKLERS, AND ASSOCIATED APPURTENANCES WITHIN REGION. PROVIDE NEW SYSTEM. REFER TO RENOVATION DRAWINGS FOR ADDITIONAL REQUIREMENTS.

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THIS DOCUMENT IS INTENDED TO DESCRIBE THE FUNCTION, PLACEMENT, PERFORMANCE, AND OPERATION OF THE FIRE PROTECTION SYSTEM FOR PLANNING PURPOSES ONLY. FINAL SHOP DRAWINGS FOR PERMIT APPROVAL SHALL BE PROVIDED BY A LICENSED FIRE PROTECTION CONTRACTOR.

PROJECT

UNT Health Imaging PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

NOTES BY SYMBOL

1. CONTRACTOR TO FIELD VERIFY SPRINKLER MAIN HEIGHTS AND NOTIFY ARCHITECT/OWNER IF A CONFLICT EXISTS WITHIN THE NEW CEILING HEIGHT. WORK APPLIES TO ANY SPRINKLER MAIN ABOVE SCOPE OF WORK AND TYPICAL FOR ALL NEW ROOMS.
2. ALL SPRINKLER PIPING, HEADS, AND APPURTENANCES TO BE REMOVED FROM WITHIN THIS ROOM.

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

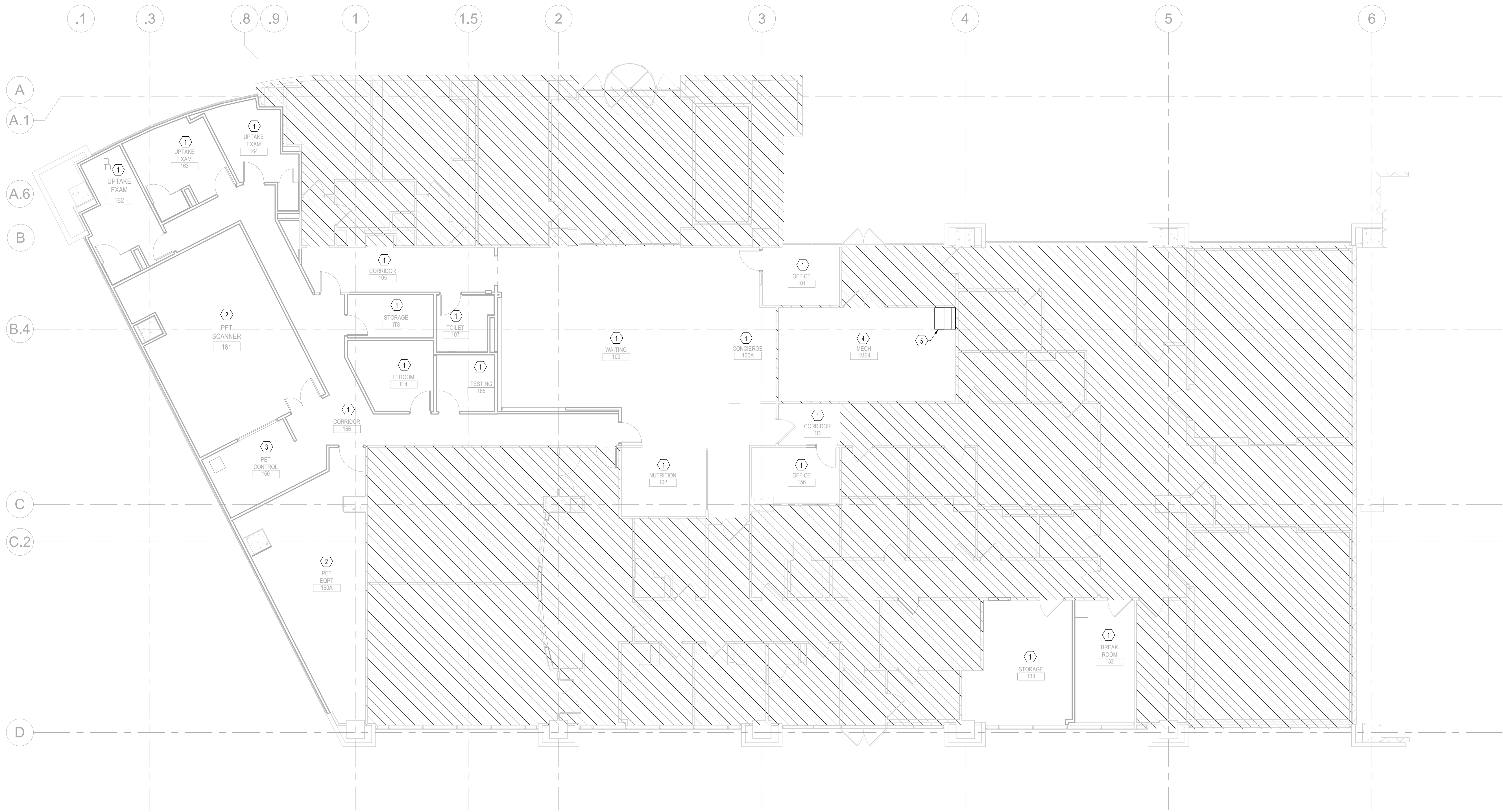
FIRE PROTECTION DEMOLITION PLAN - LEVEL 01

SHEET NUMBER

FP01-01

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1 FIRE PROTECTION PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- A. PROVIDE ALL CONCEALED SPRINKLER HEADS IN FINISHED SPACES. FINISH AS SPECIFIED BY ARCHITECT. NON-FINISHED SPACES SHALL HAVE PENDENT TYPE SPRINKLER HEADS.
- B. ELECTRICAL ROOMS, IDF ROOMS, AND MDF ROOMS TO BE PROVIDED WITH PRE-ACTION VALVES.
- C. KLN, AV, IDF/MDF, ELECTRICAL ROOMS, AND SECURITY SPACES SHALL HAVE SIDEWALL SPRINKLER HEADS TO AVOID SPRINKLERS AND PIPING DIRECTLY OVER EQUIPMENT.
- D. ALL FIRE PROTECTION PIPE AND FITTINGS SHALL BE DOMESTICALLY MANUFACTURED BY ONE OF THE MANUFACTURERS LISTED IN THE LATEST EDITION OF THE AMERICAN PETROLEUM INSTITUTE (API) APPROVED MANUFACTURER'S LISTING. PROCUREMENT OF MATERIALS RELATED TO THE FIRE PROTECTION SYSTEM SHALL COMPLY WITH UNIVERSITY OF NORTH TEXAS, UNT PROCUREMENT REQUIREMENTS AND LOCAL REGULATIONS.

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THIS DOCUMENT IS INTENDED TO DESCRIBE THE FUNCTION, PLACEMENT, PERFORMANCE, AND OPERATION OF THE FIRE PROTECTION SYSTEM FOR PLANNING PURPOSES ONLY. FINAL SHOP DRAWINGS FOR PERMIT APPROVAL SHALL BE PROVIDED BY A LICENSED FIRE PROTECTION CONTRACTOR.

PROJECT

NOTES BY SYMBOL

1. CONTRACTOR SHALL REWORK THE EXISTING SPRINKLER SYSTEM WITHIN THIS AREA TO CONFORM TO NFPA-13 REQUIREMENTS. WET PIPE LIGHT HAZARD OCCUPANCY MINIMUM DESIGN SHALL BE 0.10 GPM/SQ. FT. OVER 1500 SQ. FT. WITH 100 GPM HOSE ALLOWANCE. QUICK RESPONSE SPRINKLER HEADS SHALL BE UTILIZED AND A REDUCTION OF THE DESIGN AREA MAY BE IMPLEMENTED AS DESCRIBED IN NFPA 13. SPRINKLER HEAD TEMPERATURE RATING SHALL BE ORDINARY.
2. PRE-ACTION SPRINKLER ZONE, 555 SF.
3. PRE-ACTION SPRINKLER ZONE, 120 SF.
4. PRIOR TO START OF WORK, CONTRACTOR TO SUBMIT ALL LIFE SAFETY SYSTEM MODIFICATION PLANS TO UNT AHJ FOR REVIEW AND ACCEPTANCE. SCOPE INCLUDES PROVIDING DOUBLE INTERLOCK PRE-ACTION SYSTEM (VALVES AND AIR COMPRESSORS) IN MECHANICAL ROOM SHOWN ON CURRENT SHEET. CONTRACTOR TO INSTALL PRE-ACTION SYSTEM AT EYE-LEVEL IN A READILY ACCESSIBLE LOCATION WITHOUT USE OF A LADDER. PRE-ACTION SYSTEM IS TO BE DESIGNED BY FIRE SPRINKLER CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRING AND CONDUIT REQUIRED BETWEEN CONTROL PANEL, SMOKE DETECTORS, PULL STATION, AIR COMPRESSOR, AND ALL OTHER SYSTEM COMPONENTS FOR A COMPLETE OPERATIONAL SYSTEM. COORDINATE WITH DIVISION 26 AND 28.
5. EXISTING PRE-ACTION SYSTEM LOCATED IN THIS APPROXIMATE AREA.

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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	
TITLE		

**FIRE PROTECTION
PLAN - LEVEL 01**

SHEET NUMBER

FP02-01

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DEMOLITION GENERAL NOTES	
1.	COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
2.	MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
3.	REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING SELECTIVE DEMOLITION, BY METHODS AND WITH MATERIALS SO AS NOT TO VOID EXISTING WARRANTIES.
4.	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED BEFORE PROCEEDING TO DEMOLITION.
5.	MAINTAIN SYSTEMS TO REMAIN AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
6.	LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
7.	IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BEFORE PROCEEDING WITH SELECTIVE DEMOLITION PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
8.	REMOVE AIR-CONDITIONING EQUIPMENT WITHOUT RELEASING REFRIGERANTS.
9.	ANY WORK INVOLVING A SERVICE SUSPENSION SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER. OBTAIN WRITTEN APPROVAL FROM THE OWNER WHEN INTERRUPTION OF SERVICES IS UNAVOIDABLE.
10.	PERFORM NO WORK IN ANY BUILDING WHICH WOULD INTERFERE WITH ITS USE DURING NORMAL HOURS OF OCCUPANCY, UNLESS SPECIAL PERMISSION IS GRANTED BY THE OWNER. INCLUDED ARE OPERATIONS WHICH WOULD CAUSE OBJECTIONABLE NOISE OR SERVICE INTERRUPTIONS.
11.	DO NOT CUT ANY STRUCTURAL MEMBER UNLESS SPECIFIC WRITTEN PERMISSION IS PROVIDED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
12.	WHERE OPENINGS ARE CUT IN FIRE-RATED WALLS OR FLOORS, SEAL THE ANNULAR SPACE BETWEEN THE WORK INSTALLED AND THE FIRE-RATED CONSTRUCTION. SEALANT, AS APPLIED, SHALL BE FIRE-RATED TO MAINTAIN THE FIRE RATING OF THE CONSTRUCTION PENETRATED, AND SHALL BE APPROVED BY THE ARCHITECT.

ABBREVIATIONS			
A/C	AIR CONDITIONING	HD	HEAD
ACH	AIR CHANGE PER HOUR	HP	HORSEPOWER
AD	ACCESS DOOR	HPS	HIGH PRESSURE STEAM
AFB	ABOVE FINISHED FLOOR	HVAC	HEATING, VENTILATION & AIR CONDITIONING
AFMS	AIR FLOW MEASURING STATION	HWP	HYDRONIC HEATING WATER PUMP
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	HX	HEAT EXCHANGER
AHU	AIR HANDLING UNIT	IEER	INTEGRATED ENERGY EFFICIENCY RATIO
AHU	AUTHORITY HAVING JURISDICTION	KW	KILOWATT
APD	AIR PRESSURE DROP	KWH	KILOWATT HOUR
AS	AIR SEPARATOR	LAT	LEAVING AIR TEMPERATURE
BAS	BUILDING AUTOMATION SYSTEM	LBS	POUNDS
BD	BALANCING DAMPER	LPS	LOW PRESSURE STEAM
BFF	BELOW FINISH FLOOR	MBH	THOUSAND BTU PER HOUR
BHP	BRAKE HORSEPOWER	MCA	MINIMUM CIRCUIT AMPACITY
BTUH	BRITISH THERMAL UNITS PER HOUR	MFG	MANUFACTURER
CAV	CONSTANT AIR VOLUME	MOC/P	MAXIMUM OVERCURRENT PROTECTION
CFM	CUBIC FEET PER MINUTE	MVD	MANUAL VOLUME DAMPER
CHWP	CHILLED WATER PUMP	(N)	NEW
CLG	CEILING	N/A	NOT APPLICABLE
CO	CLEAN OUT	NC	NOISE CRITERIA
CD	CONDENSATE DRAIN	NIC	NOT IN CONTRACT
CP	CONDENSATE PUMP	NTS	NOT TO SCALE
CRAC	COMPUTER ROOM A/C UNIT	OA	OUTSIDE AIR
CT	COOLING TOWER	OBD	OPPOSED BLADE DAMPER
CU	CONDENSING UNIT	PD	PRESSURE DROP
CV	CONSTANT VOLUME/CONTROL VALVE	PH	PHASE (ELECTRICAL)
(D)	DEMO	PLBG	PLUMBING
dB	DECIBELS	PSI	POUNDS PER SQUARE INCH
DDC	DIRECT DIGITAL CONTROL	QTY	QUANTITY
DEG	DEGREES	RA	RETURN AIR
DN	DOWN	RH	RELATIVE HUMIDITY
DX	DIRECT EXPANSION	RTU	ROOF TOP UNIT
(E)	EXISTING	S	SENSOR
EA	EXHAUST AIR	SA	SUPPLY AIR
EAT	ENTERING AIR TEMPERATURE	SD	SMOKE DAMPER
EER	ENERGY EFFICIENCY RATIO	SEER	SEASONAL ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN	SF	SUPPLY FAN
ET	EXPANSION TANK	SP	STATIC PRESSURE
EUH	ELECTRIC UNIT HEATER	T	THERMOSTAT/ THERMOMETER
FCU	FAN COIL UNIT	TYP	TYPICAL
FD	FIRE DAMPER	UH	UNIT HEATER
FLA	FULL LOAD AMPS	VAV	VARIABLE AIR VOLUME
FPI	FINS PER INCH	VFD	VARIABLE FREQUENCY DRIVE
FSD	FIRE-SMOKE DAMPER	WB	WET BULB
G	GAS	W.G.	WATER GAUGE
GPM	GALLONS PER MINUTE	W.P.D.	WATER PRESSURE DROP
GV	GRAVITY VENTILATOR	WSPH	WATER-SOURCE HEAT PUMP
		WT	WEIGHT

MECHANICAL GENERAL NOTES	
1.	ALL DUCTWORK DIMENSIONS SHOWN REPRESENT INSIDE CLEAR DIMENSIONS.
2.	THE MECHANICAL LAYOUT SHOWN ON THIS DRAWING IS FOR GENERAL ARRANGEMENT ONLY. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CONDITIONS AT THE JOB SITE AND ALL THE OTHER TRADES INVOLVED.
3.	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE NECESSARY PIPING, FITTINGS, VALVES, HARDWARE, SUPPORTS AND ACCESSORIES REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF THE NEW MECHANICAL SYSTEM(S).
4.	DO NOT SCALE LOCATIONS OR PARTITIONS FROM THIS DRAWING. THE CONTRACTOR SHALL REFER TO THE MANUFACTURER'S CUT-SHEETS, ROUGHING-IN DIMENSIONS, DETAILS, SPECIFICATIONS AND ALL OTHER INFORMATION RELATED TO THIS PROJECT, AS REQUIRED.
5.	THE CONTRACTOR SHALL COORDINATE ALL THE FLOOR AND PARTITION PENETRATIONS WITH THE FIELD CONDITIONS AND STRUCTURAL DESIGN BEFORE DRILLING OR CORE-BORING.
6.	THE CONTRACTOR SHALL SEAL ALL PENETRATIONS WITH A CODE APPROVED FIRE RATED MATERIAL AS REQUIRED TO MAINTAIN THE FIRE SEPARATION BETWEEN FLOORS/ROOF REQUIRED BY THE ARCHITECTURAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND FIRE BARRIER LOCATIONS.
7.	THE CONTRACTOR SHALL SUBMIT MANUFACTURER'S SPECIFICATIONS AND CUT-SHEETS FOR ALL THE EQUIPMENT, FITTINGS AND COMPONENTS AS REQUIRED FOR FINAL APPROVAL BY THE ENGINEER BEFORE PURCHASING OR INSTALLING THEM. REFER TO SPECIFICATIONS FOR MORE COMPLETE INFORMATION ABOUT THE EQUIPMENT SCHEDULED.
8.	THE CONTRACTOR SHALL TEST ALL NEW PIPING AND NEW EQUIPMENT FOR PROPER OPERATION AND SHALL MAKE ALL NECESSARY REPAIRS AS REQUIRED TO PROVIDE A COMPLETE WORKING SYSTEM.
9.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL THE AREAS AFFECTED BY THE WORK REQUIRED IN THESE DRAWINGS TO THEIR ORIGINAL CONDITION AS REQUIRED BY THE OWNER/ARCHITECT.
10.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE JOB-SITE AS REQUIRED BY THIS CONTRACT IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
11.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING, PERMITTING, AND CONDUCTING ALL THE INSPECTIONS AND TESTS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE OF COMMISSIONING INSPECTION TO THE ENGINEER.
12.	ALL WORK AND INSTALLATION SHALL BE DONE BY A LICENSED CONTRACTOR WITH EXPERIENCE IN THE WORK REQUIRED FOR THIS PROJECT.
13.	ALL WORK SHALL COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (2021 IBC), 2021 INTERNATIONAL MECHANICAL CODE (2021 IMC), 2021 INTERNATIONAL PLUMBING CODE (2021 IPC), 2021 INTERNATIONAL FUEL GAS CODE (2021 IFGC), 2015 INTERNATIONAL ENERGY CONSERVATION CODE (2015 IECC), AND THE NATIONAL FIRE PROTECTION ASSOCIATION AND ALL OTHER CODES AND STANDARDS AS MAY BE APPLICABLE WITHIN THE CITY OF FORT WORTH.
14.	ALL EQUIPMENT SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. NO WEIGHT CAN BE PLACED ON THE ROOFING MATERIALS OR INSULATION.
15.	ALL PIPING, CLAMPS, SUPPORTS, ETC. SHALL BE FASTENED TO JOISTS OR BEAMS. DO NOT ATTACH ANYTHING DIRECTLY TO THE DECK, CEILING SUPPORT SYSTEM, PIPING, CONDUIT OR DUCTWORK ABOVE.
16.	CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CODE ISSUES NOT ALREADY ADDRESSED.
17.	THESE DRAWINGS DO NOT INDICATE OR SHOW ALL EXISTING PIPING, EQUIPMENT, DUCTWORK, ETC. THESE DRAWINGS ARE NOT A SUBSTITUTE FOR FIELD VERIFICATION.
18.	ALL NEW ROOF PENETRATIONS SHALL BE PER THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
19.	ALL NEW EQUIPMENT SUPPORTS SHALL BE INSTALLED PER THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
20.	ALL NEW CURB CAPS SHALL BE INSTALLED PER THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
21.	ALL ROOF MOUNTED EQUIPMENT LOCATIONS SHALL BE VERIFIED AND APPROVED BY A TEXAS REGISTERED STRUCTURAL ENGINEER.
22.	DUCTWORK SHOP DRAWINGS SHALL BE PROVIDED TO, REVIEWED BY, AND APPROVED BY THE ENGINEER PRIOR TO ANY DUCTWORK FABRICATION AND/OR INSTALLATION. DUCTWORK SHOP DRAWINGS SHALL INDICATE THE ACTUAL SIZE OF EACH SECTION OF DUCT AND ALL REQUIRED FITTINGS AND TRANSITIONS.
23.	CONTRACTOR SHALL PROVIDE UL LISTED FIRE AND/OR FIRE SMOKE DAMPERS AT ALL FIRE WALL PENETRATIONS. REFER TO ARCHITECTURAL FOR FIRE WALL RATING. REFER TO MECHANICAL FLOOR PLANS FOR DAMPER SIZING.
24.	PROVIDE DUCTWORK TRANSITIONS AS REQUIRED FOR ALL AIR DEVICE AND EQUIPMENT CONNECTIONS.
25.	REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.
26.	REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER OR OWNER'S REPRESENTATIVE READY FOR REUSE.
27.	REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, AND REINSTALL THEM WHERE INDICATED.
28.	EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.
29.	CONTRACTOR SHALL BID EQUIPMENT IN SCHEDULE AS BASIS OF DESIGN. ALTERNATE EQUIPMENT BY ACCEPTABLE MANUFACTURERS MEETING PERFORMANCE REQUIREMENTS MAY BE REVIEWED BY DESIGN TEAM AND OWNER RESULTING IN A CREDIT IF USED.
30.	IN THESE DOCUMENTS, "FURNISH" SHALL MEAN TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION AND SIMILAR OPERATIONS. "INSTALL" SHALL MEAN TO UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURB, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT THE PROJECT SITE. "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
31.	UNIT REQUIREMENT: INDEPENDENTLY SUPPORT ALL EQUIPMENT, CONDUITS, PIPING, ETC. FROM BUILDING STRUCTURE. ALL TRAPEZE AND/OR HANGER SUPPORTS TO BE PROVIDED WITH DOUBLE NUT OR LOCK NUT WITH FLAT WASHER.

MECHANICAL DESIGN INFORMATION	
1.	CODES, STANDARDS, AND GUIDELINES A. 2021 INTERNATIONAL BUILDING CODE (IBC) B. 2021 INTERNATIONAL MECHANICAL CODE (IMC) C. 2021 INTERNATIONAL FIRE CODE (IFC) D. 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) E. 2017 ASHRAE 170 - VENTILATION OF HEALTHCARE FACILITIES F. NFPA 99 - HEALTHCARE FACILITIES CODE G. NFPA 101 - LIFE SAFETY CODE H. 2022 FGI GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTHCARE FACILITIES I. TEXAS HEALTH AND SAFETY CODE J. OTHER APPLICABLE ADOPTED CITY OF FORT WORTH CODES AND AMENDMENTS
2.	CLIMATE ZONE = 3A
3.	DESIGN CONDITIONS (OUTDOOR) A. SUMMER (ASHRAE 0.4% DEHUMIDIFICATION) = 83.4°F DB/ 77.2°F WB B. SUMMER (ASHRAE 0.4% COOLING) = 102.1°F DB/ 73.8°F WB C. WINTER (ASHRAE 99.6% HEATING DB) = 22.5°F DB D. PRE-HEAT COIL SELECTION = 10°F DB
4.	TEMPERATURE SETPOINTS (INDOOR) A. SUMMER 1. DRY BULB = 72°F (OCCUPIED SPACES), 75°F (NON-OCCUPIED SPACES), 68°F (PET EQUIPMENT) 2. RELATIVE HUMIDITY = 30% TO 50% RH B. WINTER 1. DRY BULB = 70°F (ALL SPACES), 68°F (PET EQUIPMENT)
5.	BUILDING VENTILATION REQUIREMENTS A. "NR" INDICATES NO REQUIREMENT PER CODE. B. MINIMUM VENTILATION RATES (PER 2021 IMC, TABLE 403.3.1) 1. RECEPTION AREAS = 5 CFM/PERSON & 0.06 CFM/SF 2. OFFICE SPACES = 5 CFM/PERSON & 0.06 CFM/SF 3. CORRIDORS = NR CFM/PERSON & 0.06 CFM/SF C. MINIMUM EXHAUST RATE (PER 2021 IMC, TABLE 403.3.1) 1. TOILET ROOMS - PUBLIC = 50 CFM/FIXTURE 2. RECEPTION AREAS = 5 CFM/PERSON & 0.06 CFM/SF 3. OFFICE SPACES = 5 CFM/PERSON & 0.06 CFM/SF D. MINIMUM EXHAUST RATE (PER 2021 IMC, TABLE 403.3.1) 1. TOILET ROOMS - PUBLIC = 50 CFM/FIXTURE E. MINIMUM ACH REQUIREMENTS (PER ASHRAE 170, TABLE 7-1) 1. GENERAL EXAMINATION ROOM = OA ACH 2 & TOTAL ACH 4 2. CLASS 1 IMAGING ROOM = OA ACH 2 & TOTAL ACH 6 3. PATIENT TOILET ROOM = OA ACH NR & TOTAL ACH 10

HVAC LEGEND			
DUCT			
	RECTANGULAR DUCT -1ST NUMBER INDICATES SIZE ON PLAN -2ND NUMBER INDICATES SIZE NOT SHOWN		RECTANGULAR DUCT - INTERNALLY LINED
	ROUND DUCT		ROUND DUCT - INTERNALLY LINED
	OVAl DUCT -1ST NUMBER INDICATES SIZE ON PLAN -2ND NUMBER INDICATES SIZE NOT SHOWN		OVAl DUCT - INTERNALLY LINED
	MITERED ELBOW WITH TURNING VANES		DUCTWORK BRANCH TAKE-OFF
	LONG RADIUS ELBOW (1.5 x O.D.)		SMACNA 45 HIGH EFFICIENCY TAP
	DUCTWORK TRANSITION		FLEXIBLE DUCTWORK
	DEMOLITION		DEMO TO EXISTING
	EXISTING TO REMAIN		CONNECT TO EXISTING
	SUPPLY/OUTSIDE AIR DUCTWORK UP		SUPPLY/OUTSIDE AIR DUCTWORK UP
	RETURN AIR DUCTWORK UP		RETURN AIR DUCTWORK DOWN
	EXHAUST AIR DUCTWORK UP		EXHAUST AIR DUCTWORK DOWN
SYMBOLS AND ACCESSORIES			
	SUPPLY AIR DEVICE		MECHANICAL EQUIPMENT PATTERN
	RETURN AIR DEVICE		DIFFUSER/GRILLE TAG TYPICAL
	EXHAUST AIR DEVICE		DETAIL CALL-OUT
	BALANCE DAMPER		ENLARGED PLAN CALL-OUT
	FIRE DAMPER		ELEVATION CALL-OUT
	FIRE/SMOKE DAMPER		
	BACKDRAFT DAMPER		
	SMOKE DAMPER		
	MOTORIZED DAMPER		
	THERMOSTAT @ARCH. SWITCH HEIGHT U.N.O.		
	TEMPERATURE SENSOR @ARCH. SWITCH HEIGHT U.N.O.		
	HUMIDISTAT @ARCH. SWITCH HEIGHT U.N.O.		
	CARBON DIOXIDE SENSOR (CO2) @ARCH. SWITCH HEIGHT U.N.O.		
	CARBON MONOXIDE SENSOR (CO) @ARCH. SWITCH HEIGHT U.N.O.		
	NITROGEN DIOXIDE SENSOR (NO2) @ARCH. SWITCH HEIGHT U.N.O.		
HYDRONIC PIPING SYSTEMS			
	CHWS		HEATING WATER SUPPLY
	CHWR		HEATING WATER RETURN
	CD		PIPE DOWN
	PIPE UP		
	ISOLATION VALVE		

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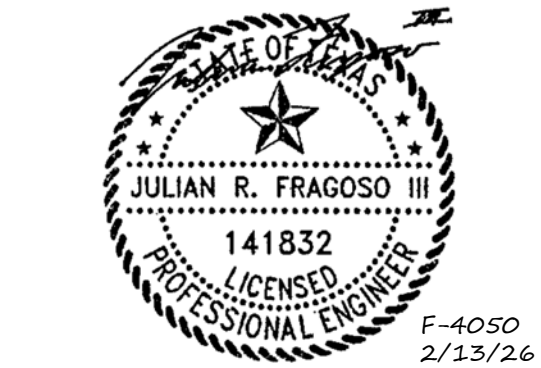
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ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

MECHANICAL
GENERAL NOTES AND
LEGENDS

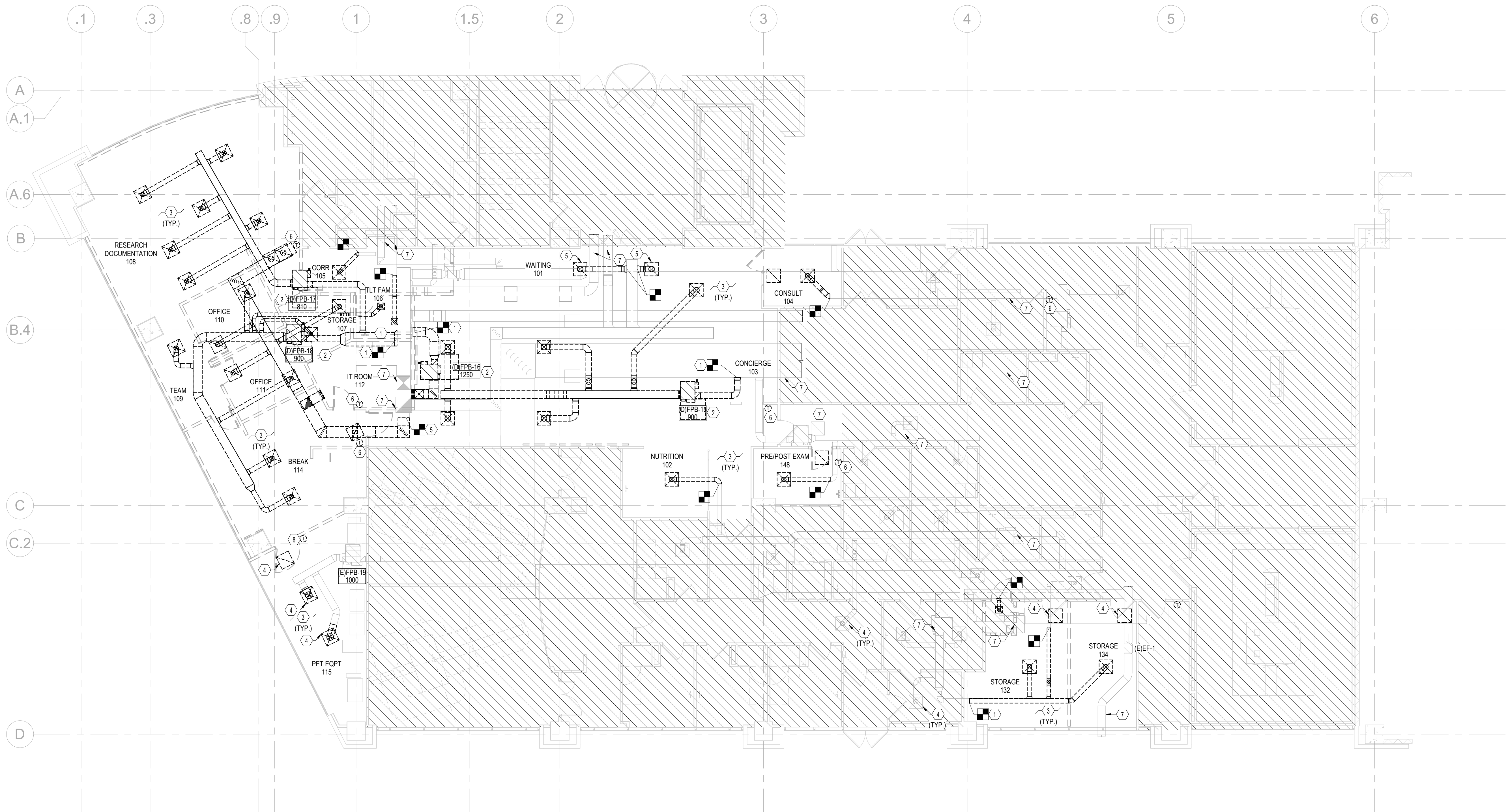
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1 MECHANICAL DEMOLITION PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- THE EXISTING CONDITIONS AND MEP SYSTEMS WERE REASONABLY VERIFIED WITH EXISTING DRAWINGS PROVIDED BY UT SWMC. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL AFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREA OF THE BUILDING.
- ALL ITEMS TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED. NO ITEMS SHALL BE ABANDONED IN PLACE.
- WHEN EQUIPMENT REQUIRING ELECTRICAL POWER IS REMOVED, COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR REMOVAL OF THE EXISTING POWER WIRING AND CONDUIT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL POWER WIRING AND CONDUIT.
- OPENINGS REMAINING IN DUCTWORK AS A RESULT OF DEMOLITION SHALL BE SEALED WITH AN AIRTIGHT SHEET METAL CAP, UNLESS OTHERWISE NOTED ON THE DRAWINGS. INSULATE THE CAP IF THE DUCT IS INSULATED.
- CONTRACTOR SHALL SEAL ALL LEAKS IN EXISTING DUCTWORK. THE SCOPE OF THIS REQUIREMENT SHALL EXTEND TO 12' PAST THE LAST TERMINAL UNIT OR BRANCH TAP AFFECTED BY THE NEW WORK.
- CONTRACTOR SHALL CLEAN THE AREA OF CONSTRUCTION AFTER THE COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL TEST EXISTING AIR DEVICES PRIOR TO STARTING DEMOLITION WORK. PROVIDE AIR DEVICE PLAN WITH MEASURED CFM FOR EACH DEVICE. IF CFM OR EXISTING TERMINAL UNIT IS UNABLE TO ACHIEVE AIRFLOWS MARKED ON NEW PLAN, SUBMIT FORMAL RFI TO ENGINEER OF RECORD PRIOR TO COMMENCING ANY WORK.

NOTES BY SYMBOL (#)

- REMOVE DUCTWORK, TRANSITION/OFFSETS, AND ASSOCIATED SUPPORTS SERVING THE FPBS TO APPROXIMATE LOCATION INDICATED AND PREPARE FOR NEW CONNECTION.
- DEMO HWSR PIPING SERVING FPB/AVV THAT ARE DEMOLISHED OR RELOCATED. AS-BUILT PROVIDED BY OWNER DOES NOT SHOW WHERE THE EXISTING HEATING WATER MAINS SERVING THE AREA IS PRESENT. CONTRACTOR TO FIELD VERIFY EXISTING HWSR ROUTING TO DETERMINE EXTENT OF DEMO WORK IN THE PROJECT AREA SCOPE.
- REMOVE AIR DEVICES AS SHOWN ON PLAN.
- EXISTING AIR DEVICES TO REMAIN SHOWN FOR REFERENCE ONLY.
- DEMO RETURN DUCT AS INDICATED ON PLAN.
- REMOVE EXISTING TEMPERATURE SENSOR AS INDICATED ON FLOOR PLAN. REFER TO FPB SCHEDULE FOR BOXES IN SCOPE. REFER TO NEW WORK PLANS FOR NEW SENSOR LOCATIONS WHERE EXISTING SENSORS ARE REMOVED AND NOT REPLACED WITH NEW IN THE SAME LOCATION. PATCH AND PAINT WALL PER ARCHITECT'S INSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR WALL COLOR AND FINISH. IF NO PAINT COLOR IS PROVIDED, PAINT WALL TO MATCH EXISTING. CONFER WITH OWNER FOR EXISTING PAINT COLOR.
- EXISTING TO REMAIN.
- RELOCATE TEMPERATURE SENSOR TO ACCOMMODATE ARCHITECTURAL CHANGES. REFER TO NEW FLOOR PLAN FOR NEW LOCATION.

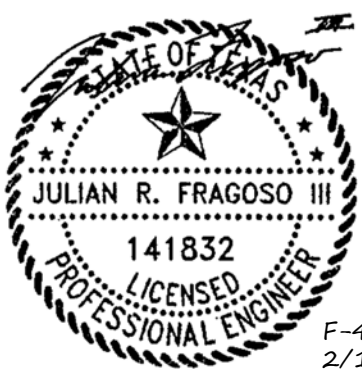
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**UNT Health Imaging
PET Addition**
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

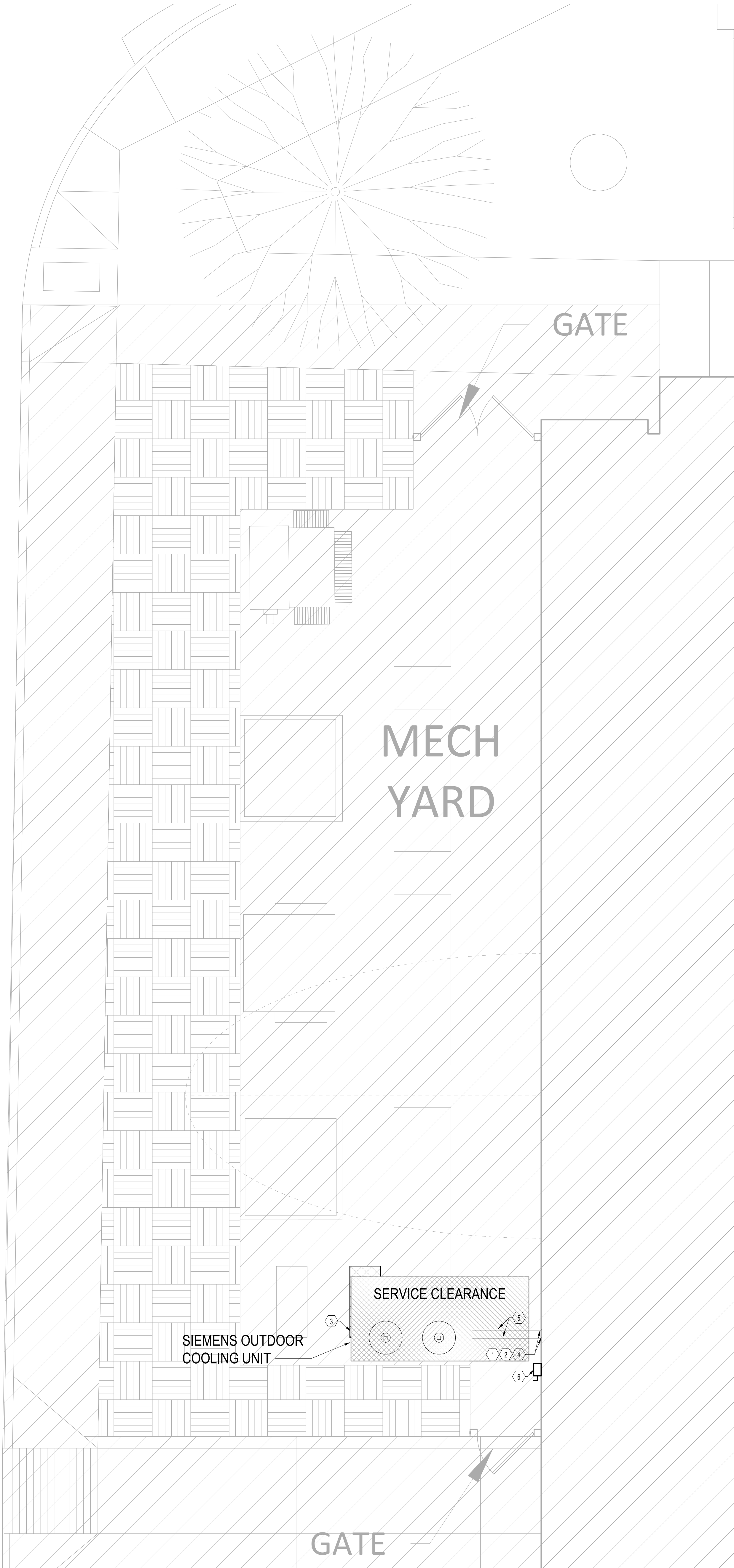
**MECHANICAL
DEMOLITION PLAN -
LEVEL 01**

SHEET NUMBER

M01-01

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1 SITE PLAN - MECHANICAL

1/4" = 1'-0"

PLAN NOTES

- A. PROVIDE ACOUSTICAL SEALANT AT ALL STC RATED WALL PENETRATIONS TO MITIGATE SOUND MIGRATION. REFER TO ARCHITECTURAL FOR LOCATION OF ALL STC RATED WALLS.
- B. COORDINATE FINAL LOCATION OF ALL THERMOSTATS WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- C. PROVIDE MANUAL VOLUME BALANCE DAMPERS FOR ALL SUPPLY, RETURN, AND EXHAUST GRILLES/DIFFUSER BRANCHES, UNLESS NOTED OTHERWISE.
- D. ALL MITERED ELBOWS SHALL HAVE TURNING VANES.
- E. PROVIDE CONCEALED DAMPER REGULATOR FOR ALL SUPPLY, RETURN, AND EXHAUST GRILLES/DIFFUSERS LOCATED IN AREAS WHERE ABOVE CEILING CANNOT BE ACCESSED.
- F. PROVIDE ACCESS PANELS IN ALL INACCESSIBLE CEILINGS FOR HVAC EQUIPMENT.
- G. COORDINATE DIFFUSER/GRILLE/EXHAUST FAN LOCATION WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- H. PROVIDE LONG RADIUS ELBOWS EVERYWHERE POSSIBLE. OTHERWISE, PROVIDE TURNING VANES IN ALL ELBOWS PER SMACNA STANDARDS.
- I. PROVIDE LABELING ON ALL CEILINGS AND WALLS, INDICATING ANY DEVICES AND LOCATIONS REQUIRE SERVICE OR ACCESS ABOVE CEILINGS OR BEHIND WALLS - TERMINAL UNITS, MANUAL VOLUME BALANCE DAMPERS, FIRESTOPPED DAMPERS, ETC.
- J. COORDINATE ALL ABOVE CEILING INSTALLATIONS CLOSELY WITH PLUMBING, FIRE PROTECTION, FIRE ALARM, AND ELECTRICAL SUB-CONTRACTORS.
- K. FOR DUCT RUNOUTS TO DIFFUSERS, SIZE ACCORDING TO NECK/INLET SIZE, UNLESS NOTED OTHERWISE.
- L. REFER TO HVAC EQUIPMENT MANUFACTURER FOR EXACT REFRIGERANT LINE SET SIZING.
- M. ABOVE FINISH FLOOR HEIGHTS REFER TO BOTTOM OF EQUIPMENT/DEVICE ETC.
- N. DUCT/PIPING INSULATION SHALL BE CONTINUOUS THROUGH WALLS/FLOORS ETC TO PREVENT CONDENSATION.
- O. DIFFUSER SHALL BE COMPLETELY INSULATED TO PREVENT CONDENSATION.
- P. REFER TO VAV BOX SCHEDULE FOR INLET SIZE.
- Q. ALL EQUIPMENT SHALL BE INSTALLED WITH MANUFACTURER RECOMMENDED CLEARANCES.
- R. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT LOCATIONS AND ELEVATIONS OF LOUVERS, TYPICAL.
- S. REFER TO SPECIFICATION SECTION 230700 HVAC INSULATION FOR ALL DUCTWORK AND PIPING INSULATION MATERIALS.
- T. ALL CONTROL CABLING SHALL BE SECURED INDEPENDENTLY FROM ALL OTHER CABLING. CONTROL CABLING SHALL BE IN CONDUIT IN ALL INACCESSIBLE CEILING SPACES AND DOWN WALLS.

NOTES BY SYMBOL (#)

1. REFER TO MEQ EQUIPMENT PROVIDER SHEET M-501 FOR SEPARATION BETWEEN CONTRACTOR SUPPLIED/INSTALLED AND MEQ SUPPLIED/INSTALLED SCOPE. THE PETCT EQUIPMENT AND CONTROLS COMPONENTS TO BE PROVIDED BY OTHERS (MEQ MANUFACTURER). PROVIDE 2" CHILLED WATER SUPPLY AND RETURN PIPING FROM CHILLER, ROUTING THROUGH BUILDING, TO INDOOR HEAT EXCHANGER PER MANUFACTURER REQUIREMENTS. INSTALL DRAIN DOWN VALVES IN MECHANICAL YARD. CONTRACTOR TO VERIFY WALL ASSEMBLY TYPE DURING DEMOLITION AND REPAIR AFTER INSTALLATION OF NEW PIPES. REPLACE WALL ASSEMBLY TO MATCH EXISTING, UNLESS NOTED OTHERWISE IN ARCHITECTURAL DRAWINGS.
2. CONTRACTOR TO PROVIDE PIPE INSULATION AND SLEEVES FOR THE NEW CHILLER PIPING PER MANUFACTURER AND PROJECT SPECIFICATION REQUIREMENTS.
3. CONTRACTOR TO COORDINATE NEW COOLING UNIT PLACEMENT WITH STRUCTURAL SLAB AND PROVIDE SERVICE CLEARANCE PER MANUFACTURER'S REQUIREMENTS. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR FINAL SIZE AND LOCATION.
4. NEW CHWDR PIPE PENETRATION LOCATION. REFER TO DETAIL ON M03-01 SHEET FOR INSTALLATION REQUIREMENTS FOR PIPE PENETRATING EXTERIOR WALL, THROUGH-WALL PENETRATIONS TO MEET OR EXCEED WALL FIRE RATINGS AND NFPA/IBC REQUIREMENTS.
5. CONTRACTOR TO FIELD VERIFY EXISTING HANGER AND SUPPORTS TYPES AND INSTALLATION REQUIREMENT. PROVIDE PIPE HANGER AND SUPPORTS FOR NEW CHWDR PIPES AND MATCH EXISTING.
6. DISCONNECT SWITCH FOR OUTDOOR UNIT. REFER TO ELECTRICAL SHEET LOCATION, SIZE, AND OTHER INFORMATION.

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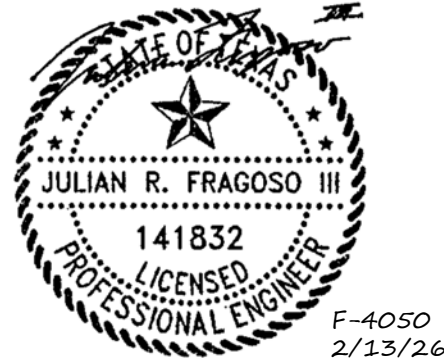
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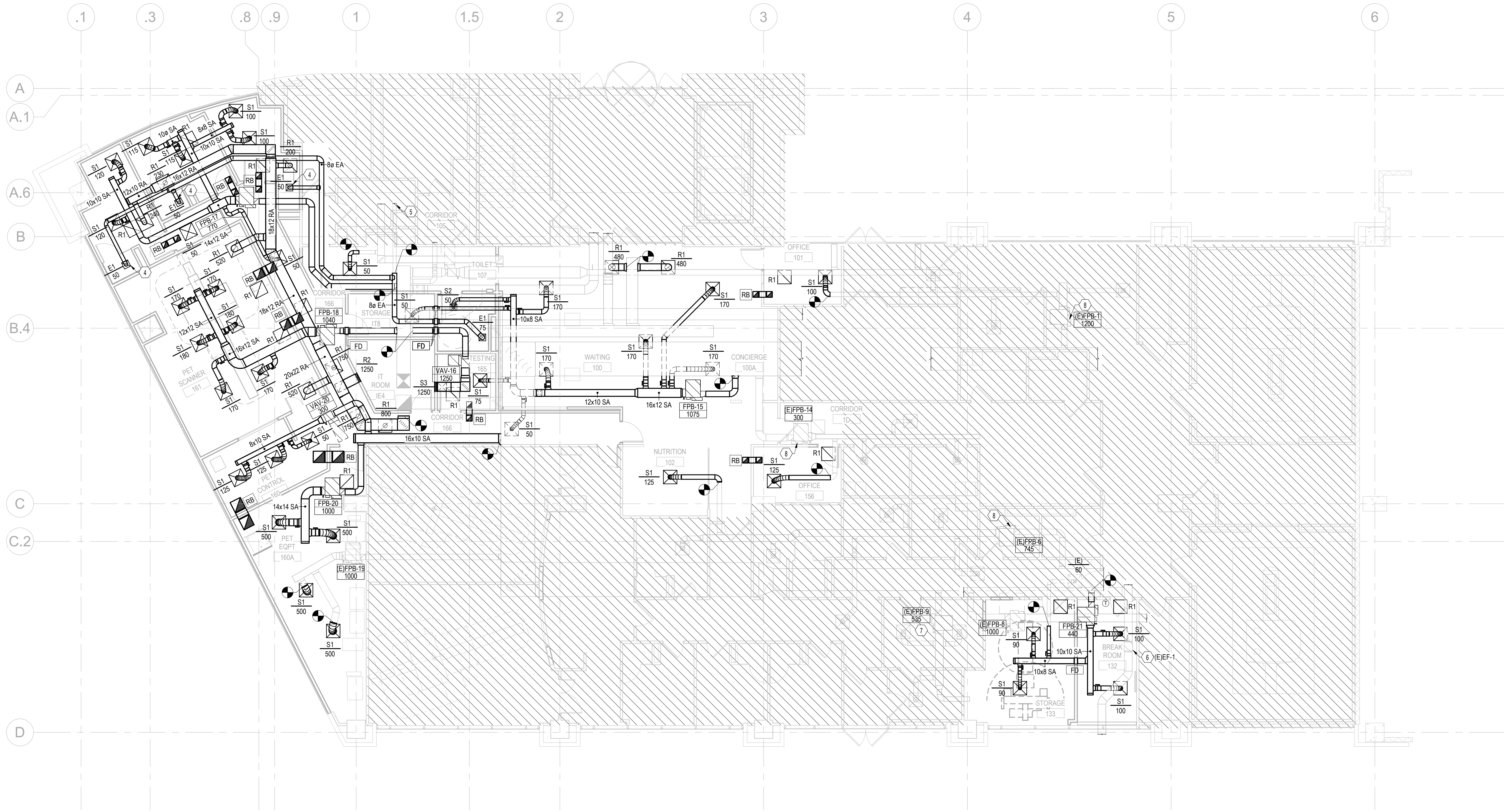
MECHANICAL SITE
PLAN - CHILLER YARD

SHEET NUMBER

M02-01

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1 MECHANICAL HVAC PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

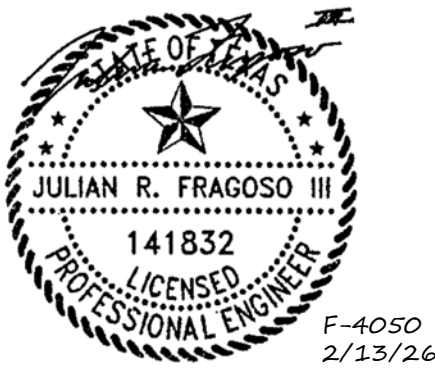
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- L. REFER TO HVAC EQUIPMENT MANUFACTURER FOR EXACT REFRIGERANT LINE SET SIZING.
- M. ABOVE FINISH FLOOR HEIGHTS REFER TO BOTTOM OF EQUIPMENT/DEVICE ETC.
- N. DUCT/PIPPING INSULATION SHALL BE CONTINUOUS THROUGH WALLS/FLOORS ETC TO PREVENT CONDENSATION.
- O. DIFFUSER SHALL BE COMPLETELY INSULATED TO PREVENT CONDENSATION.
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- R. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT LOCATIONS AND ELEVATIONS OF LOUVERS, TYPICAL.
- S. REFER TO SPECIFICATION SECTION 230700 HVAC INSULATION FOR ALL DUCTWORK AND PIPING INSULATION MATERIALS.
- T. ALL CONTROL CABLING SHALL BE SECURED INDEPENDENTLY FROM ALL OTHER CABLING. CONTROL CABLING SHALL BE IN CONDUIT IN ALL INACCESSIBLE CEILING SPACES AND DOWN WALLS.

NOTES BY SYMBOL (#)

1. CONNECT NEW DUCTWORK TO EXISTING DUCTWORK IN THIS APPROXIMATE LOCATION.
2. FURNISH NEW THERMOSTAT IN THIS APPROXIMATE LOCATION. MOUNT THERMOSTAT AT 48" A.F.F. COORDINATE FINAL LOCATION WITH OWNER. THERMOSTATS SHALL HAVE LOCAL ADJUSTMENT REMOTELY DISABLED WITH AN OPTION TO ENABLE A +/-2 DEGREE ADJUSTABLE SETTING.
3. EXISTING TO REMAIN.
4. RE-BALANCE TOILET EXHAUST AIR BRANCH DUCTWORK TO CFM INDICATED. EXHAUST AIR FLOW TO EACH TOILET ROOM TO BE 50 CFM PER WATER CLOSET, UNLESS NOTED OTHERWISE.
5. 150 CFM EXHAUST TO BE ADDED TO EXISTING TOILET EXHAUST FAN SERVING EXISTING TOILET MEN E183 AND TOILET WOMEN E181. EXISTING TOILET EXHAUST FAN CFM AND LOCATION WERE NOT PROVIDED IN OWNERS AS-BUILTS. CONTRACTOR TO RE-BALANCE EXISTING TOILET EXHAUST FAN TO ACCOMMODATE ADDITION OF TOILET ROOMS UNDER THE SCOPE OF THIS PROJECT AS NECESSARY TO ACHIEVE TOTAL EXHAUST AIR FLOW (I.E., EXISTING AND NEW TOILET CFMS).
6. RE-BALANCE (EJEF-1 TO 950 CFM FROM 1025 CFM TO ACCOMMODATE NEW SCOPE OF WORK. EXISTING 1025 CFM OBTAINED FROM OWNERS AS-BUILTS. IF EXISTING CFM IS DIFFERENT THAN 1025 CFM, CONTRACTOR TO REDUCE TOTAL ACTUAL CFM BY 75 CFM.
7. EXISTING TO REMAIN FPB-9 TO SERVE THE HOT LAB AND HOT STORAGE ROOM, AND NO LONGER SERVING THE STORAGE AND CORRIDOR SPACE, AS INDICATED ON FLOOR PLANS. PER RECORD DRAWING DATED 05/17/2023, THE EXISTING AIRFLOWS SERVING THE HOT LAB 127 AND HOT STORAGE 128 ARE 410 CFM AND 125 CFM, RESPECTIVELY. TAB CONTRACTOR TO CONFIRM FINAL AIRFLOWS WITH OWNERS PRIOR TO BAS CONTRACTOR ADJUSTING SETPOINTS (FROM 910 CFM TO 535 CFM).
8. REPLACE CONTROLS. FURNISH BACKNET DDC CONTROLS. FURNISH BACKNET COMMUNICATION CARD AND INTEGRATION MANUAL.

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UNT Health Science Center 3400 Camp Bowie Blvd. Fort Worth, Texas 76107	FACILITY



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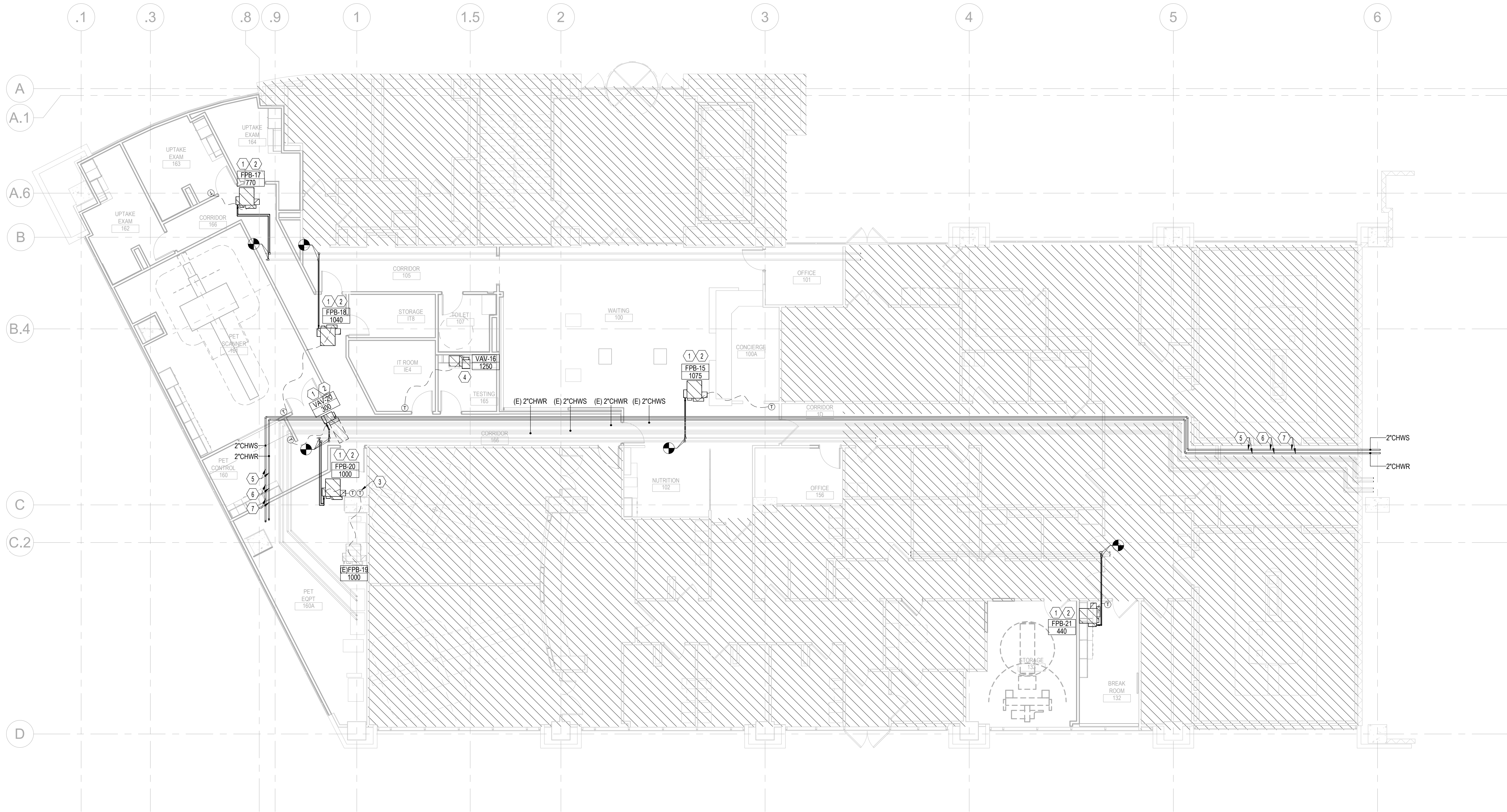
MECHANICAL HVAC
PLAN - LEVEL 01

SHEET NUMBER

M02-02

100% CONSTRUCTION DOCUMENTS 01/26/26

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1 MECHANICAL HYDRONIC PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

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- ABOVE FINISH FLOOR HEIGHTS REFER TO BOTTOM OF EQUIPMENT/DEVICE ETC.
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NOTES BY SYMBOL

- PROVIDE NEW 3/4" HWSR CONNECTIONS, CONTROL VALVE, AND PIPING ACCESSORIES SERVING NEW FPRVAV AT THE LOCATION SHOWN ON FLOOR PLAN. INTENT IS TO TIE THE NEW HWSR TO NEAREST EXISTING HEATING WATER MAINS. CONTRACTOR TO SUBMIT FINAL LOCATION IN SHOP DRAWINGS. EXISTING AS-BUILT PROVIDED BY OWNER DOES NOT SHOW WHERE THE EXISTING HEATING WATER MAINS SERVING THE AREA ARE PRESENT.
- PROVIDE NEW TEMPERATURE SENSOR FOR EACH ZONE IN PROJECT SCOPE. REFER TO FPB SCHEDULE FOR BOXES IN SCOPE.
- RELOCATE TEMPERATURE SENSOR SERVING EXISTING TO REMAIN FPB-19 TO NEW LOCATION INDICATED ON FLOOR PLAN.
- COOLING ONLY VAV BOX SERVING THE IT ROOM.
- CONTRACTOR TO PROVIDE 2" INNER DIAMETER COPPER PIPE TO BE USED WITH MANUFACTURER PROVIDED WATER HOSES PER ROUTING ON FLOOR PLAN. CHILLED WATER HOSE BETWEEN CHILLER (LOCATED OUTDOOR) AND HEAT EXCHANGER (LOCATED INDOOR, IN PET EQPT 160A) TO BE PROVIDED AND INSTALLED BY DIV 23 CONTRACTORS. INTENT IS TO GROUP PIPES OF SIMILAR FUNCTIONS (SERVING THE PETCT SUITES) BY ROUTING NEW PIPES PARALLEL TO THE EXISTING PIPES FOR EASE OF INSTALLATION AND MAINTENANCE. CONTRACTOR TO CONFER WITH MANUFACTURER FOR FINAL PIPE ROUTING.
- PROVIDE AND INSTALL A BLEED VALVE AT THE HIGHEST POINT IN THE PIPING RUN, AND A SHUTOFF VALVE AT THE END OF CHWSR PIPES.
- PROVIDE AND INSTALL 1/2" ARMAFLEX INSULATION FOR NEW CHWSR PIPES PER MEQ MANUFACTURER REQUIREMENTS.

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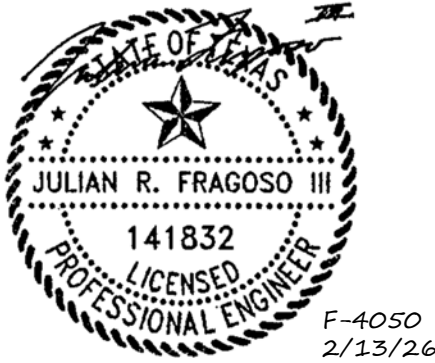
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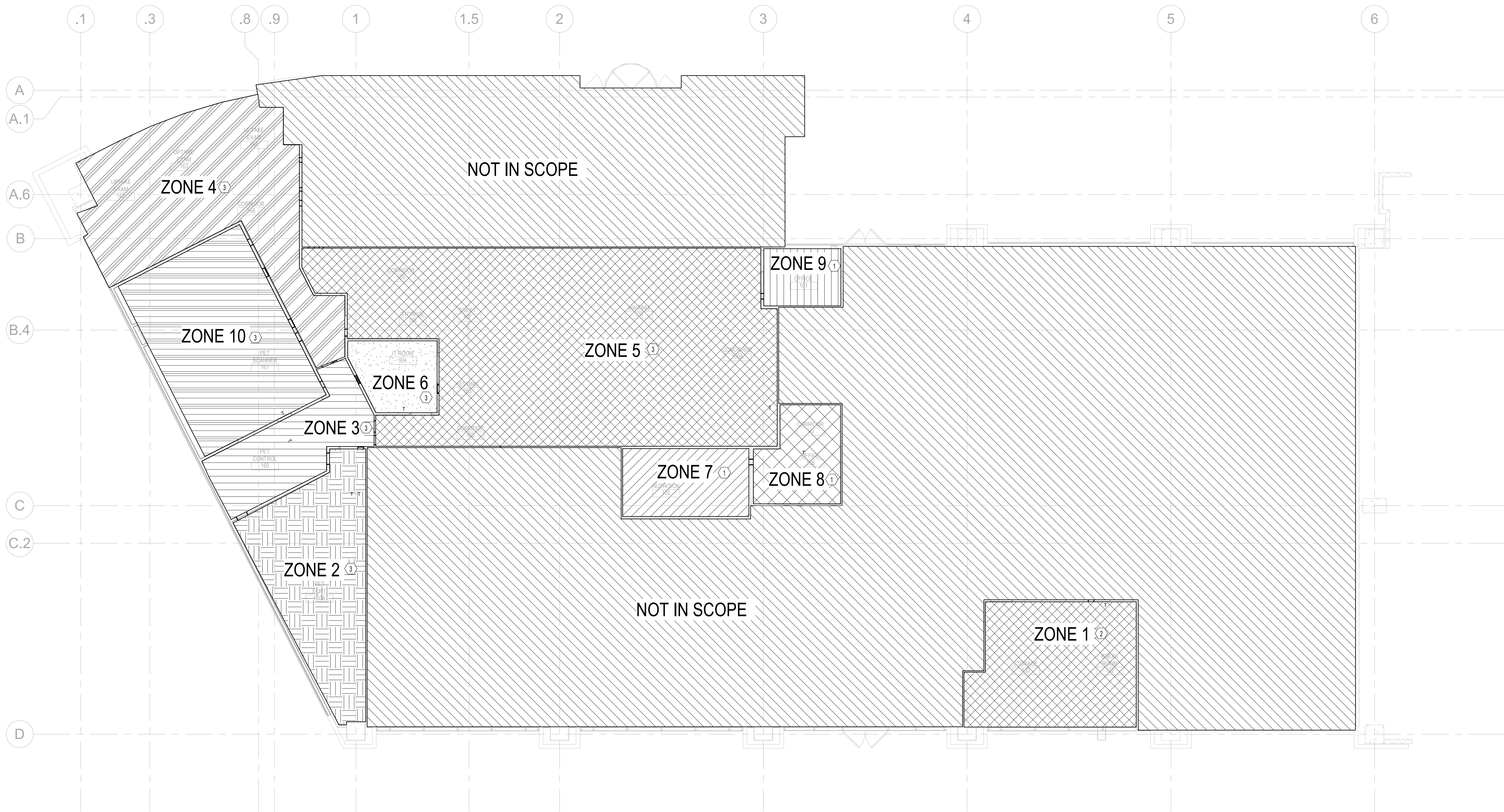
TITLE

**MECHANICAL
HYDRONIC PLAN -
LEVEL 01**

SHEET NUMBER

M02-03

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1 MECHANICAL ZONING PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

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NOTES BY SYMBOL (#)

1. TERMINAL BOX SERVING ZONE ALSO SERVES OTHER NOT IN SCOPE AREA. SPACE TYPE REMAIN THE SAME. NO CHANGE TO AIRFLOW IS ANTICIPATED AND TERMINAL BOX IS NOT SCHEDULED UNDER THE SCOPE OF THIS PROJECT.
2. TERMINAL BOX SERVING ZONE ALSO SERVES OTHER NOT IN SCOPE AREA. AIRFLOW SET POINT TO BE MODIFIED TO ACCOMMODATE ARCHITECTURAL UPGRADES. REFER TO SHEET M02-02 FOR NEW TERMINAL BOX AIRFLOW SET POINT AND TAB SCOPE.
3. NEW TERMINAL BOX. REFER TO SCHEDULE ON M03-01 FOR AIRFLOW SETPOINTS.

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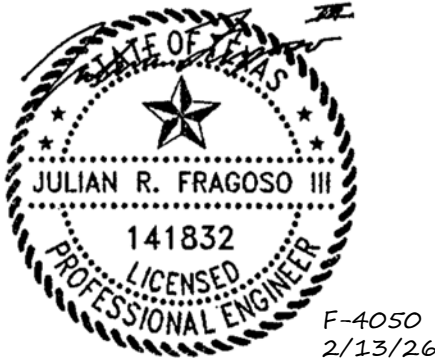
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KEYPLAN

ISSUE CHART

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MECHANICAL ZONING
PLAN - LEVEL 01

SHEET NUMBER

M02-04

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AIR DEVICE SCHEDULE																																							
MARK	TYPE	DESCRIPTION	NECK SIZE	FACE / MODULE SIZE	THROW	MANUFACTURER / MODEL NO.	MATERIAL																																
S1	SUPPLY	THREE CONES	SEE NOTE 1	24" X 24"	4-WAY	PRICE / ASCO	ALUMINUM																																
S2	SUPPLY	THREE CONES	SEE NOTE 1	12" X 12"	4-WAY	PRICE / ASCO	ALUMINUM																																
S3	SUPPLY	SIDEWALL MOUNTED	FULL SIZE	24" X 14"	-	PRICE / 2030 SERIES	ALUMINUM																																
R1	RETURN	EGGGRATE FACE RETURN	SEE NOTE 1	24" X 24"	-	PRICE / 85 SERIES	ALUMINUM																																
R2	RETURN	SIDEWALL	SEE NOTE 1	22" X 20"	-	PRICE / 10 SERIES	ALUMINUM																																
E1	EXHAUST	PERFORATED	SEE NOTE 1	12" X 12"	-	PRICE / PDDR	ALUMINUM																																
1. SEE BELOW AIR DEVICE RUNOUT SCHEDULE FOR NECK SIZES. NECK SIZE SHALL BE THE SAME AS THE RUN-OUT SIZE. NOT VALID FOR REGISTERS BEING USED FOR PLENUM RETURN AIR APPLICATIONS.																																							
<table><tr><th colspan="2">SUPPLY DUCTWORK</th><th colspan="2">RETURN/EXHAUST DUCTWORK</th></tr><tr><th>RUNOUT CFM</th><th>RUNOUT I</th><th>RUNOUT CFM</th><th>RUNOUT I</th></tr><tr><td>0-100</td><td>6"</td><td>0-75</td><td>6"</td></tr><tr><td>101-210</td><td>8"</td><td>76-170</td><td>8"</td></tr><tr><td>211-380</td><td>10"</td><td>171-310</td><td>10"</td></tr><tr><td>381-630</td><td>12"</td><td>311-500</td><td>12"</td></tr><tr><td>631-950</td><td>14"</td><td>501-770</td><td>14"</td></tr><tr><td>951-1400</td><td>16"</td><td>771-1100</td><td>16"</td></tr></table>								SUPPLY DUCTWORK		RETURN/EXHAUST DUCTWORK		RUNOUT CFM	RUNOUT I	RUNOUT CFM	RUNOUT I	0-100	6"	0-75	6"	101-210	8"	76-170	8"	211-380	10"	171-310	10"	381-630	12"	311-500	12"	631-950	14"	501-770	14"	951-1400	16"	771-1100	16"
SUPPLY DUCTWORK		RETURN/EXHAUST DUCTWORK																																					
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951-1400	16"	771-1100	16"																																				
2. COORDINATE COLOR AND FINISH WITH OWNER / ARCHITECT. PLASTER FRAMES SHALL BE FACTORY PRIMED FOR FIELD PAINTING.																																							
3. COORDINATE FRAME MOUNTING BORDER WITH CEILING OR WALL TYPE. PROVIDE MOUNTING FRAMES FOR ALL AIR DEVICES MOUNTED IN GYPBOARD CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.																																							
4. SOUND VALUES SHALL NOT EXCEED 30 NC, UNLESS OTHERWISE NOTED.																																							
5. PROVIDE MOLDED INSULATION BLANKET ON THE BACKSIDE OF DIFFUSER PAN FOR SUPPLY AND RETURN APPLICATIONS.																																							
6. PROVIDE INSULATED SUPPLY PLENUM.																																							

FAN POWERED BOX (HYDRONIC)

MARK	SERVES	BOX SIZE	MAX AIRFLOW (CFM)	MIN AIRFLOW (CFM)	MAX PRESSURE DROP (IN WC)	ELECTRICAL				FAN AIRFLOW (CFM)	EWT (°F)	EAT (°F)	LAT (°F)	HEATING CAPACITY (MBH)	FLOW (GPM)	MANUFACTURER	MODEL	NOTES
						VOLTS	PHASE	MCA	MOCP									
FPB-15	WAITING 100, TESTING 165, CORRIDOR 166, STORAGE, TOILET 107	10	1,075	325	0.50	120	1	4.9	15.0	395	180	63	90	21.0	0.60	PRICE	2,010	ALL
FPB-17	UPTAKE EXAM 162, 163, 164, CORRIDOR 166	8	770	235	0.50	120	1	4.9	15.0	300	180	63	90	15.6	0.45	PRICE	2,008	ALL
FPB-18	PET SCANNER 161	10	1,040	500	0.50	120	1	4.9	15.0	300	180	63	90	25.5	0.73	PRICE	2,010	ALL
FPB-20	PET EOPT 160A	10	1,000	270	0.50	120	1	4.9	15.0	300	180	61	90	18.1	0.52	PRICE	2,010	ALL
FPB-21	BREAKROOM 132, STORAGE 133	6	440	135	0.50	120	1	4.9	15.0	300	180	65	90	11.7	0.33	PRICE	2,006	ALL

NOTES:

1. MAINTAIN MINIMUM CLEARANCES REQUIRED FOR SERVICE, MAINTENANCE, INSPECTION, AND IN COMPLIANCE WITH THE NEC.

2. MEDIUM PRESSURE RUNOUT DUCTWORK AND FACTORY PIPING ASSEMBLES AND RUNOUT PIPING SHALL BE BASED UPON THE CHARTS BELOW.

3. DUCT INLET SIZE TO MATCH BOX SIZE UNLESS NOTED OTHERWISE.

LENGTH OF STRAIGHT DUCT PRIOR TO BOX INLET

BOX SIZE	LENGTH (INCHES)
6	18
8	24
10	30
12	36
14	42
16	48
18	54

HW PIPING RUNOUT SIZE

GPM	PIPE SIZE
0 - 2.9	3/4"
3.0 - 7.9	1"
8.0 - 14.0	1-1/4"

4. PROVIDE DIRECT DIGITAL CONTROLS & SEQUENCE OF OPERATION AS PER CONTROLS DIAGRAMS. CONTROLS SHALL BE FURNISHED & SHIPPED TO VAV BOX FACTORY BY CONTROLS CONTRACTOR FOR FACTORY MOUNTING & WIRING. FURNISH BACNET COMMUNICATION CARD & INTEGRATION MANUAL.

5. PROVIDE UNIT MOUNTED/FACTORY WIRED POWER AND CONTROL PANEL.

6. PROVIDE WITH DISCONNECT SWITCH.

7. **PROVIDE 24V TRANSFORMER.**

8. REMOVABLE MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR WITH ACCURACY +/- .5% AT 1.5 DUCT DIAMETERS INLET.

9. HEATING WATER COILS SHALL BE 2-ROWS LOCATED AT THE FAN OUTLET TO MATCH EXISTING CONFIGURATION IN THE CURRENT FACILITY.

10. TEMPERATURE SENSOR SHALL BE MOUNTED AS CLOSE AS POSSIBLE AND TO THE CENTER OF DISCHARGE PLENUM AT THE COIL.

11. **PROVIDE UNIT WITH 1" FIBER FREE FOIL FACED INSULATION.**

12. ALL HEATING WATER VAV TERMINAL UNITS SHALL BE PROVIDED WITH 2-WAY AUTOMATIC CONTROL VALVES UNLESS NOTED OTHERWISE.

13. MERV-13 FILTERS.

14. ECM MOTOR FOR VARIABLE SPEED OPERATION.

15. HANGER BRACKETS TO BE PROVIDED BY TERMINAL UNIT MANUFACTURER. CONTRACTOR TO INSTALL. MANUFACTURER'S VIBRATION ISOLATORS.

VAV TERMINAL UNITS

MARK	SERVES	CABINET SIZE	MAX AIRFLOW (CFM)	MIN AIRFLOW (CFM)	MAX AIR PRESSURE DROP (IN WC)	HOT WATER REHEAT COIL							MANUFACTURER	MODEL	NOTES
						HEATING AIRFLOW (CFM)	EWT (°F)	EAT (°F)	LAT (°F)	HEATING CAPACITY (MBH)	FLOW (GPM)	MAX WATER PRESSURE DROP (FT)			
VAV-16	IT ROOM IE4	12	1,250	375	0.01	-	-	-	-	-	-	-	PRICE	SDV12	ALL
VAV-20	PET CTRL 160	6	300	90	0.36	90	180	55	108	8.8	0.37	1	PRICE	SDV06	ALL

NOTES:

1. MAINTAIN MINIMUM CLEARANCES REQUIRED FOR SERVICE, MAINTENANCE, INSPECTION, AND IN COMPLIANCE WITH THE NEC.

2. MEDIUM PRESSURE RUNOUT DUCTWORK AND FACTORY PIPING ASSEMBLES AND RUNOUT PIPING SHALL BE BASED UPON THE CHARTS BELOW.

3. DUCT INLET SIZE TO MATCH BOX SIZE UNLESS NOTED OTHERWISE.

LENGTH OF STRAIGHT DUCT PRIOR TO BOX INLET		HW PIPING RUNOUT SIZE	
BOX SIZE	LENGTH (INCHES)	GPM	PIPE SIZE
6	18	0 - 2.9	3/4"
8	24	3.0 - 7.9	1"
10	30	8.0 - 14.0	1-1/4"
12	36		
14	42		
16	48		
18	54		

4. PROVIDE DIRECT DIGITAL CONTROLS & SEQUENCE OF OPERATION AS PER CONTROLS DIAGRAMS. CONTROLS SHALL BE FURNISHED & SHIPPED TO VAV BOX FACTORY BY CONTROLS CONTRACTOR FOR FACTORY MOUNTING & WIRING. FURNISH BACNET COMMUNICATION CARD & INTEGRATION MANUAL.

5. ALL CONTROL AND CONTROL POWER WIRING PROVIDED BY THE MECHANICAL CONTRACTOR.

6. PROVIDE UNIT MOUNTED/FACTORY WIRED POWER AND CONTROL PANEL.

7. PROVIDE 24V TRANSFORMER. ALL CONTROL AND CONTROL POWER WIRING (24V) PROVIDED BY THE MECHANICAL CONTRACTOR.

8. REMOVABLE MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR WITH ACCURACY +/- .5% AT 1.5 DUCT DIAMETERS INLET.

9. APPLIES TO VAV WITH HYDRONIC COIL ONLY: HEATING WATER COILS SHALL BE 2-ROWS.

10. TEMPERATURE SENSOR SHALL BE MOUNTED AS CLOSE AS POSSIBLE AND TO THE CENTER OF DISCHARGE PLENUM.

11. PROVIDE UNIT WITH 1" FIBER FREE FOIL FACED INSULATION.

12. APPLIES TO VAV WITH HYDRONIC COIL ONLY: PROVIDE 2-WAY AUTOMATIC CONTROL VALVES UNLESS NOTED OTHERWISE.

13. FOR TERMINAL UNITS WITH DISSIMILAR CABINET SIZE AND INLET SIZE, THE INLET SIZE SHALL BE AS SCHEDULED WITH AN OVERSIZED CABINET AS INDICATED.

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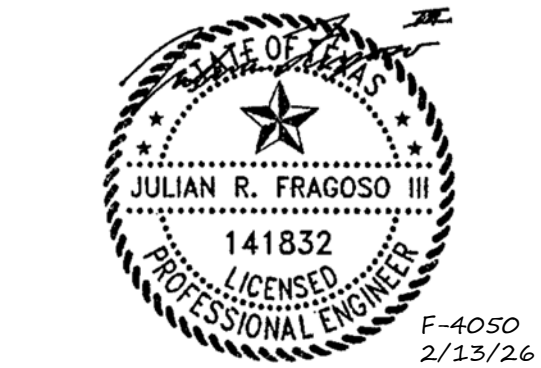
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MEPCO
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COST ESTIMATING
Vermeulens
325 North St. Paul Street, Suite 3100 Dallas, Texas 75201

AV
MEPCO
6341 Campus Circle East Las Colinas, Texas 75063

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FACILITY
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PROJECT

100% CONSTRUCTION DOCUMENTS 01/26/26

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

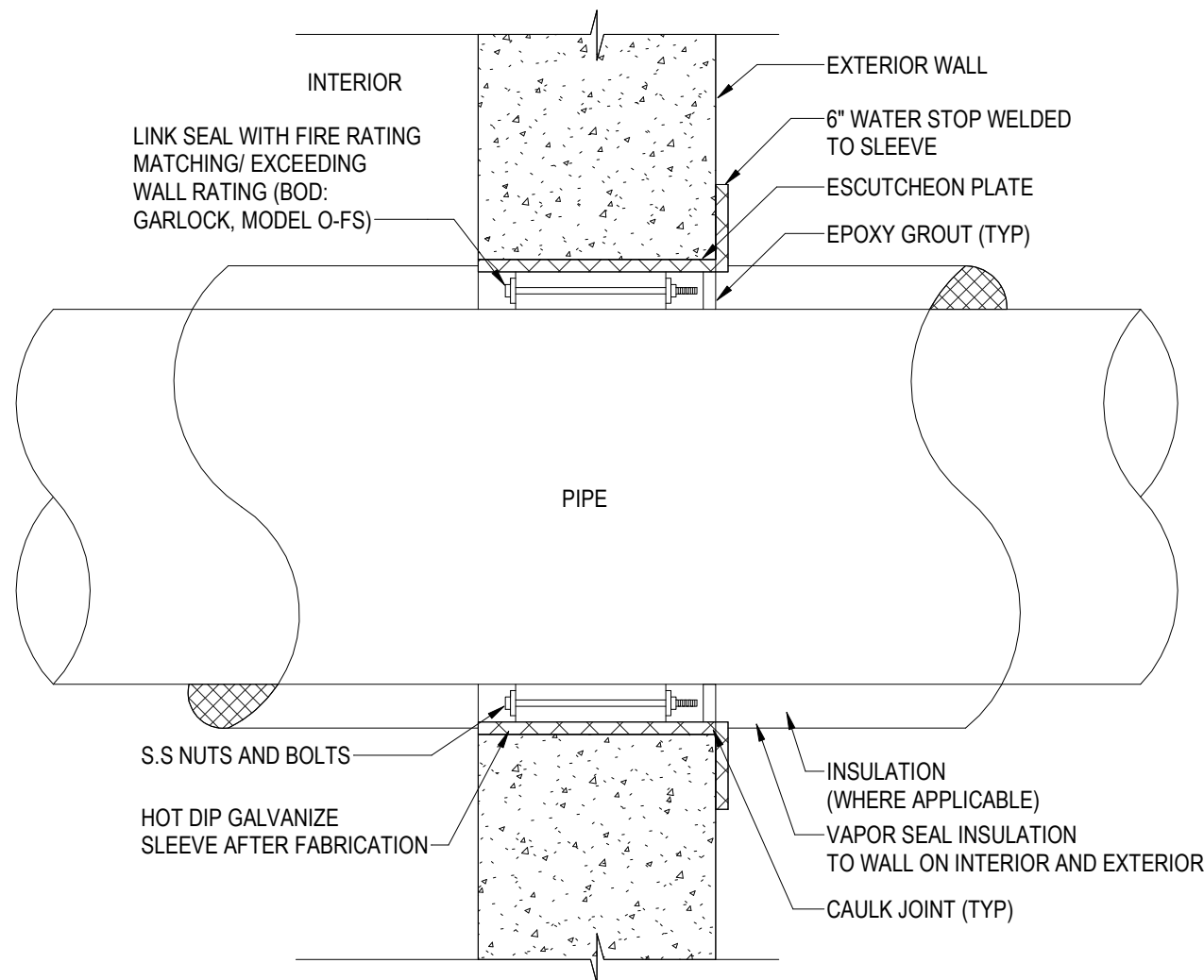
MARK	ISSUE	DATE
Job Number	144090.00	TITLE

MECHANICAL SCHEDULES

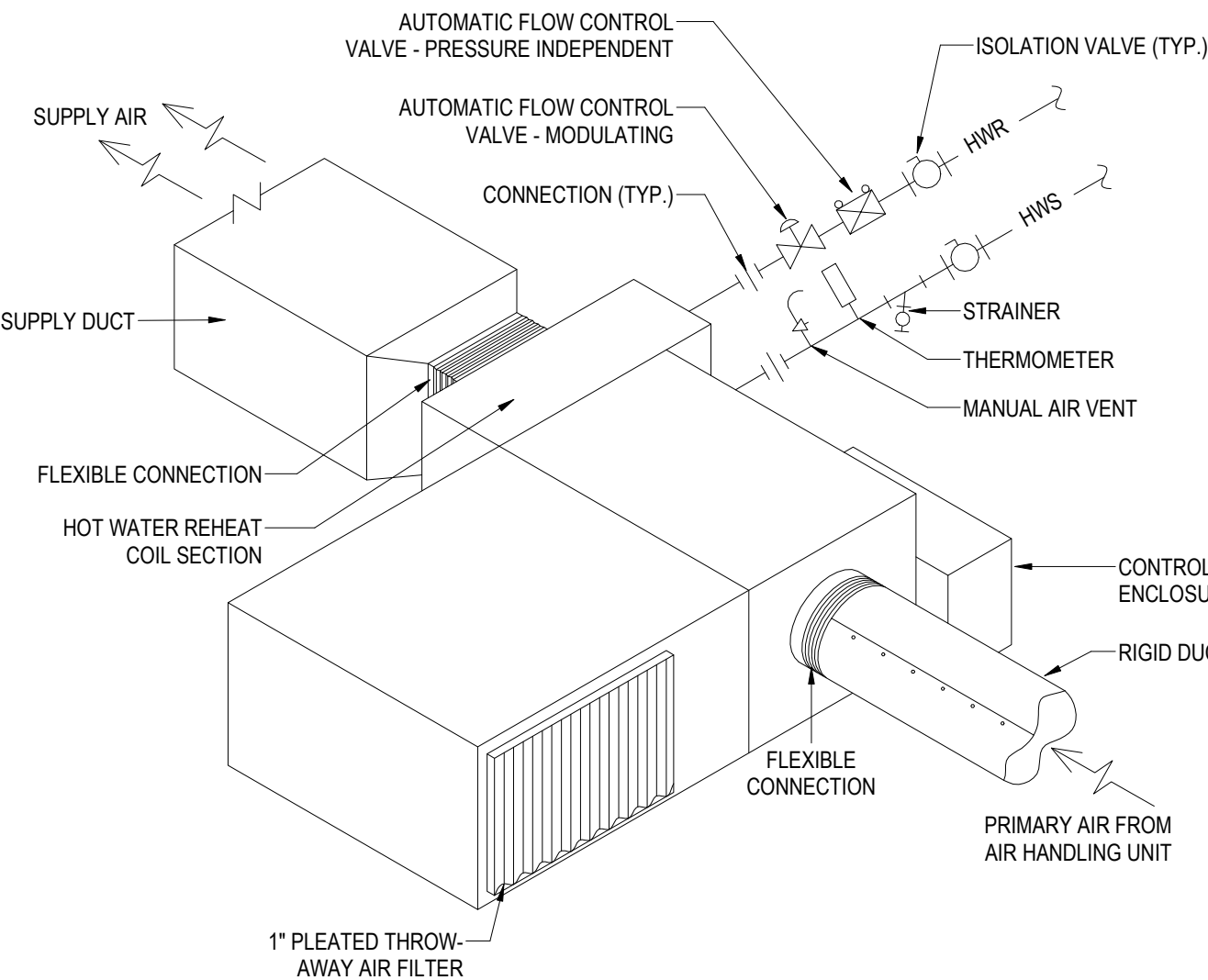
SHEET NUMBER

M03-01

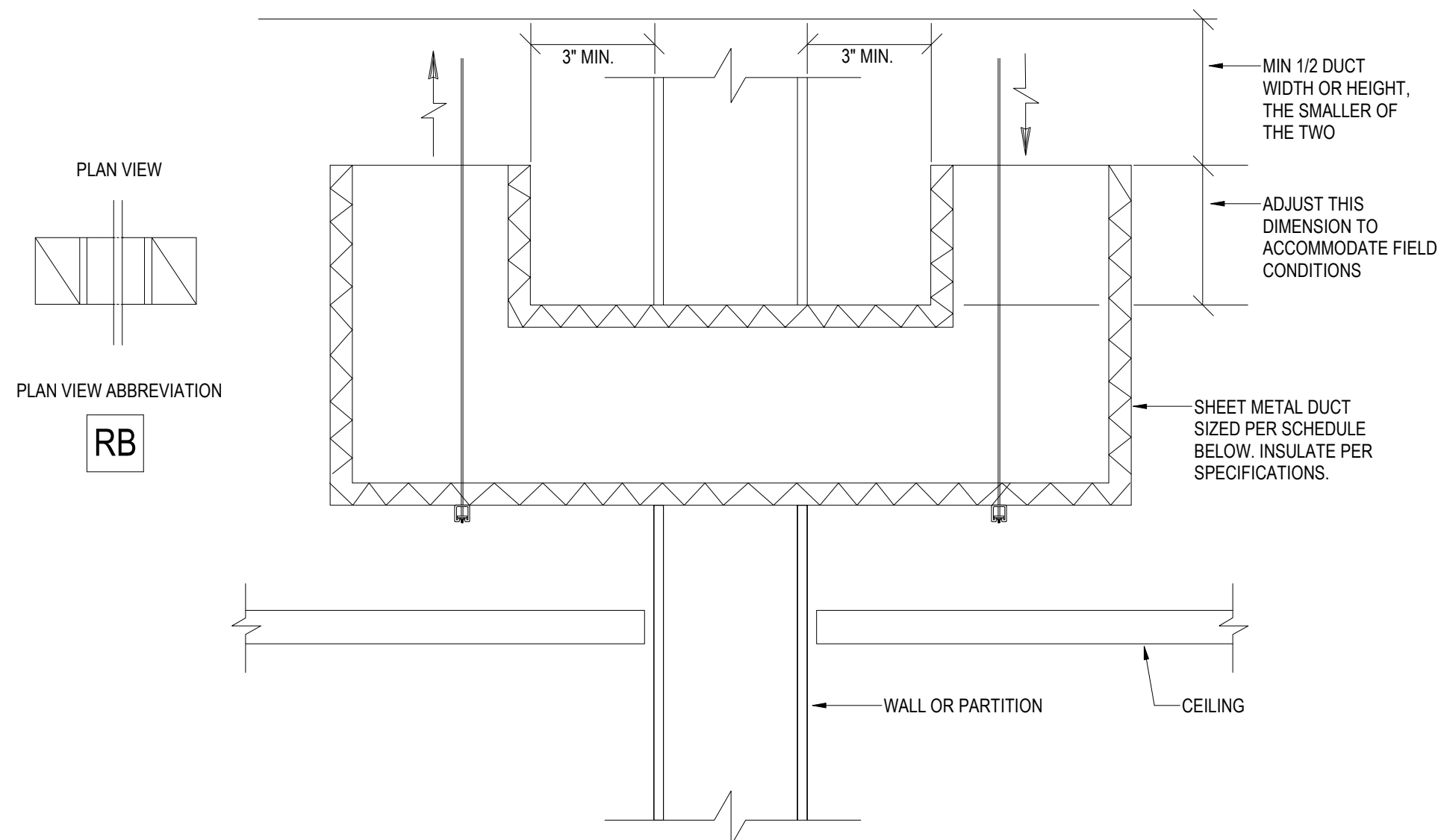
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5 PIPE THRU EXTERIOR WALL PENETRATION
NTS



6 FAN POWERED BOX
NTS



CFM RANGE	TRANSFER DUCT SIZE	
	RECTANGULAR	ROUND
0 TO 260	10" x 10"	12"Ø
261 TO 320	12" x 12"	14"Ø
321 TO 440	14" x 14"	16"Ø
441 TO 580	16" x 16"	18"Ø
581 TO 800	16" x 20"	20"Ø

1. EVERY ROOM WITH ALL WALLS TO DECK AND DENOTED 'RB' ON FLOOR PLANS RECEIVES A RETURN AIR BOOT PROPERLY SIZED FROM THIS SCHEDULE.

2. A PATHWAY WHICH REQUIRES MORE THAN THE MAXIMUM CFM PER THE SCHEDULE WILL RECEIVE MULTIPLE AIR TRANSFER BOOTS UNTIL DESIRED CFM RANGE IS ACQUIRED.

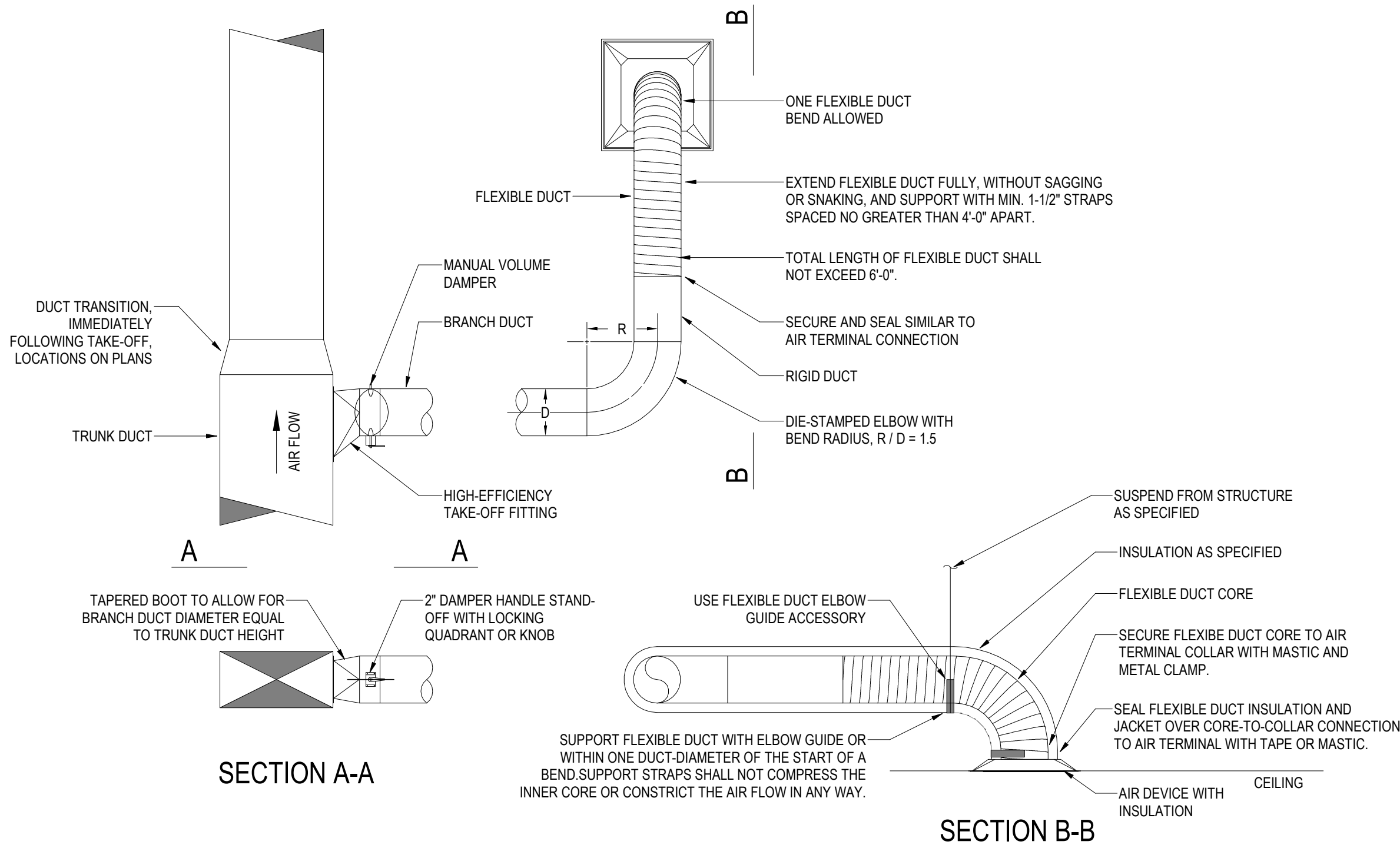
3. WHEN AN RETURN AIR BOOT IS PLACED IN A RATED WALL THE CORRESPONDING DAMPER FOR THAT PARTICULAR WALL RATING SHALL BE INSTALLED IN THE RETURN AIR BOOT.

4. IF SPACE CONDITIONS ARE NOT ADEQUATE FOR MULTIPLE RETURN AIR BOOTS THEN SIZE THE RETURN AIR BOOTS FOR NO MORE THAN 500 FPM. REFER TO DETAIL ABOVE.

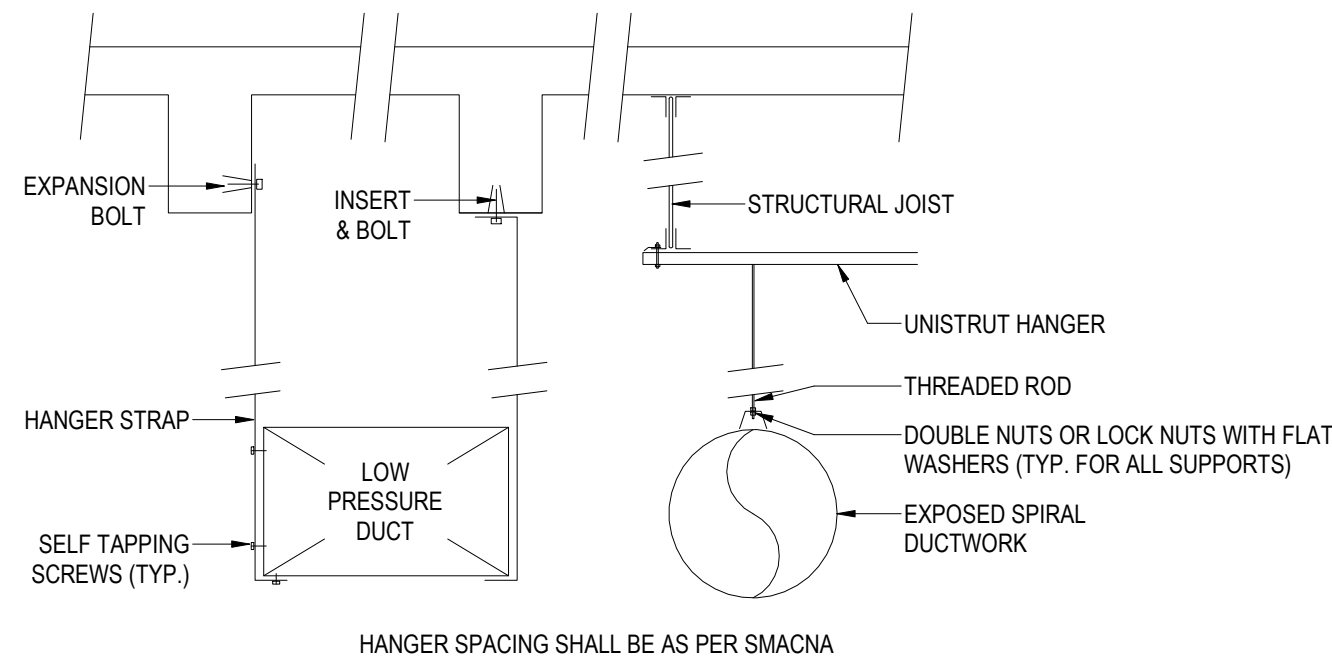
7 RETURN AIR BOOT DETAIL AND SCHEDULE
NTS

CFM RANGE	PATHWAY SIZE	CFM RANGE	PATHWAY SIZE
	RECTANGULAR		RECTANGULAR
0 TO 280	10" x 10"	2151 TO 2850	32" x 32"
281 TO 400	12" x 12"	2851 TO 3600	36" x 36"
401 TO 540	14" x 14"	3601 TO 4400	40" x 40"
541 TO 710	16" x 16"	4401 TO 5400	44" x 44"
711 TO 900	18" x 18"	5401 TO 6400	48" x 48"
901 TO 1100	20" x 20"	6401 TO 7500	52" x 52"
1101 TO 1600	24" x 24"	7501 TO 8700	56" x 56"
1601 TO 2150	28" x 28"		

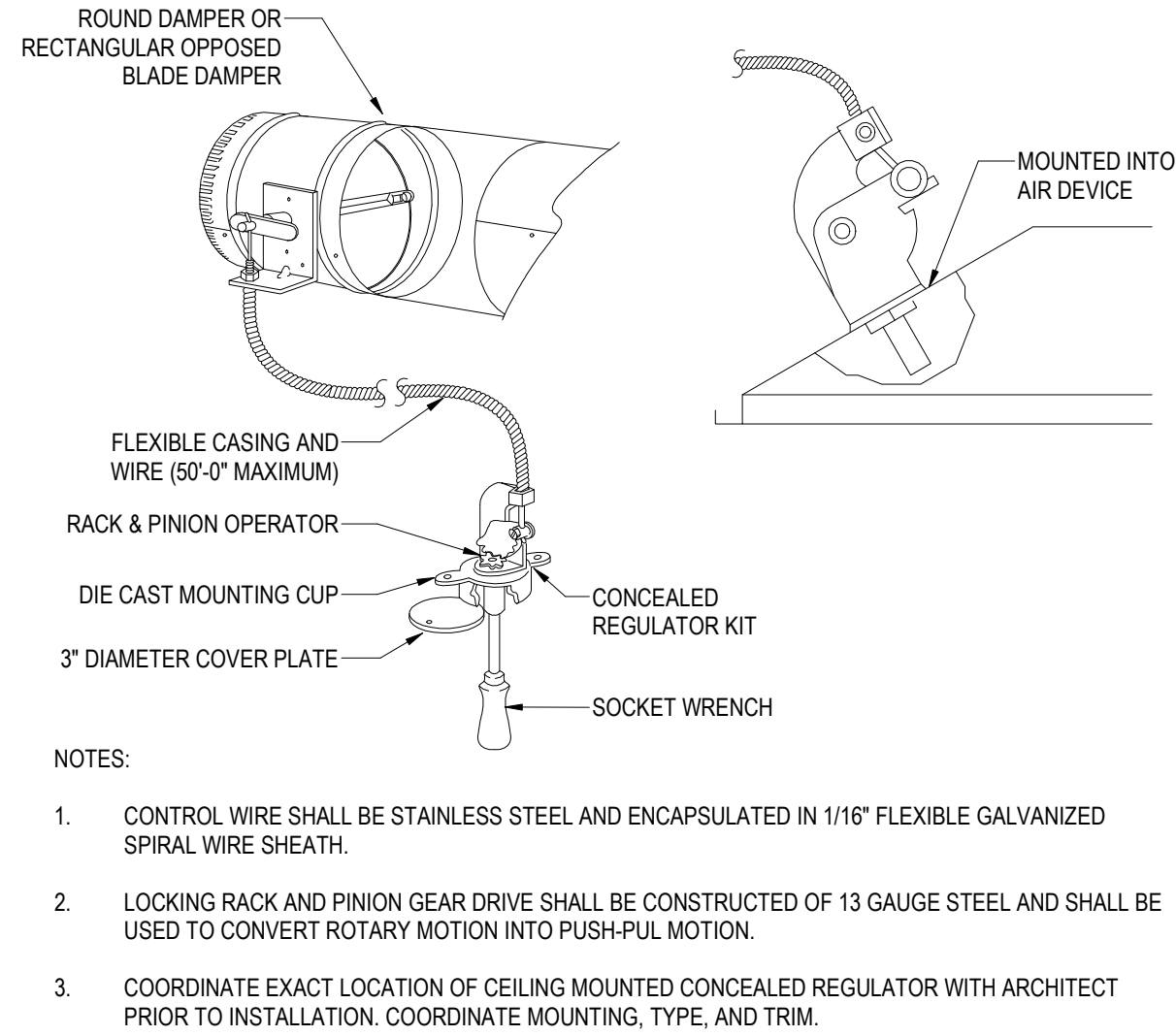
1. EVERY ROOM WITH ALL WALLS TO DECK AND DENOTED 'RP' ON FLOOR PLANS RECEIVES AN RETURN AIR PATHWAY PROPERLY SIZED FROM THIS SCHEDULE. PATHWAYS INSTALLED AS HIGH AS POSSIBLE.



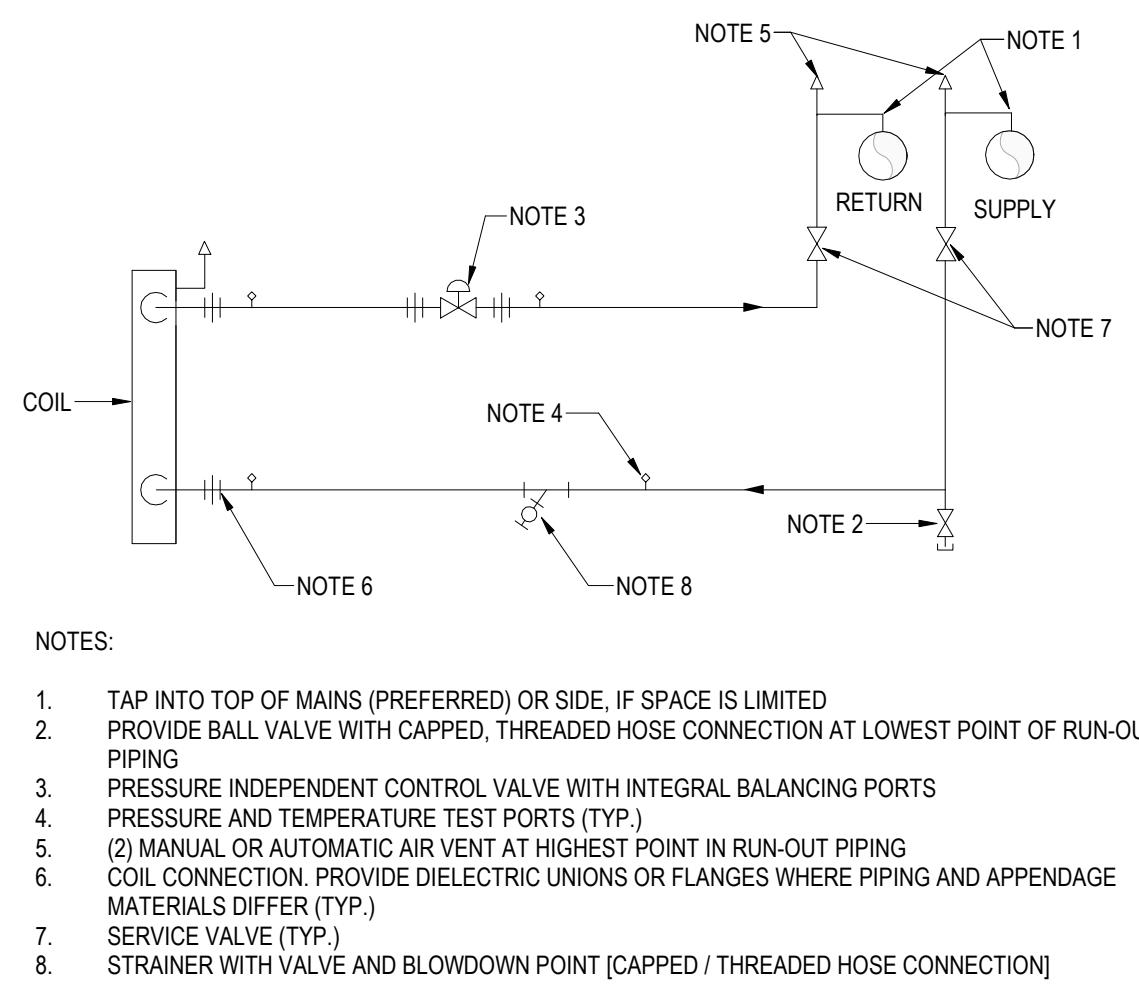
1 DIFFUSER RUN-OUT
NTS



2 DUCT HANGER
NTS



3 CONCEALED DAMPER REGULATOR (CEILING)
NTS



4 HYDRONIC PIPING FOR SINGLE COIL WITH 2-WAY VALVE
NTS

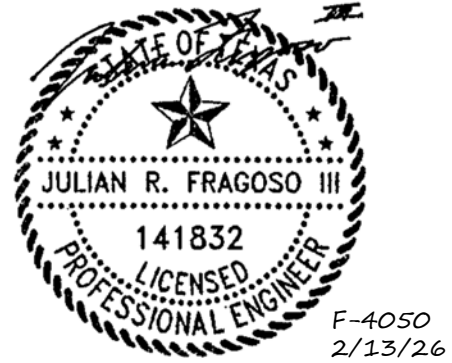
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UNT Health Science Center
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PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00
		TITLE

MECHANICAL DETAILS

SHEET NUMBER

M03-02

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MECHANICAL CONTROLS GENERAL NOTES

- BAS CONTRACTOR TO PROVIDE A BACKUP PANEL FOR THE SYSTEM UNDER THE PROJECT SCOPE AND DO NOT SUPPLY OBSOLETE CONTROLLERS PER OWNER'S FACILITIES REQUEST.
- THE MECHANICAL CONTROLS SCHEMATIC SHOWN ON THIS DRAWING IS TO SHOW DESIGN INTENT ONLY. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CONDITIONS AT THE JOB SITE AND ALL THE OTHER TRADES INVOLVED.
- WHERE ANY OF THE LIST GLOBAL POINTS INDICATED IN THIS PROJECT ARE EXISTING IN THE CURRENT BAS SYSTEM, VERIFY OPERATION OF POINT INCLUDE IN NEW GRAPHICS, AND PROVIDE CREDIT BACK TO OWNER IF DEVICES ARE NOT PROVIDED.
- BAS CONTRACTOR TO REMOVE ANY BAS GRAPHICS, LOW VOLTAGE WIRING, DATA COM WIRING, ETC. ASSOCIATED WITH DEMOLISHED EQUIPMENT PREVIOUSLY CONTROLLED BY THE BAS SYSTEM.

GLOBAL POINTS LIST

	POINT ID	POINT DESCRIPTION	AO	AI	DO	DI	VI	UNITS
GLOBAL	BLDG-OCC-MOD	OCCUPANCY MODE					X	OCC/UNOCC
	SITE-OA-DBT	OUTDOOR AIR DRY-BULB TEMPERATURE		X				°F
OUTDOOR AIR	SITE-OA-RHM	OUTDOOR AIR RELATIVE HUMIDITY		X				% RH
	SITE-OA-CO2	OUTDOOR AIR CARBON DIOXIDE CONCENTRATION		X				PPM
FIRE ALARM SYSTEM	BLDG-FA	BUILDING FIRE ALARM		X				-
	BLDG-FAT	BUILDING FIRE ALARM TROUBLE		X				-
	BLDG-AMP	BUILDING ELECTRICAL CURRENT DRAW		X				A
	BLDG-ELEC-V	BUILDING ELECTRICAL VOLTAGE		X				V
ELECTRICAL	BLDG-KVA	BUILDING ELECTRICAL POWER					X	KVA
	BLDG-KWH	BUILDING ELECTRICAL ENERGY USE					X	KWH
	BLDG-ELEC-DM	BUILDING ELECTRICAL DEMAND					X	KVA
	BLDG-ELEC-PF	BUILDING ELECTRICAL POWER FACTOR		X				—

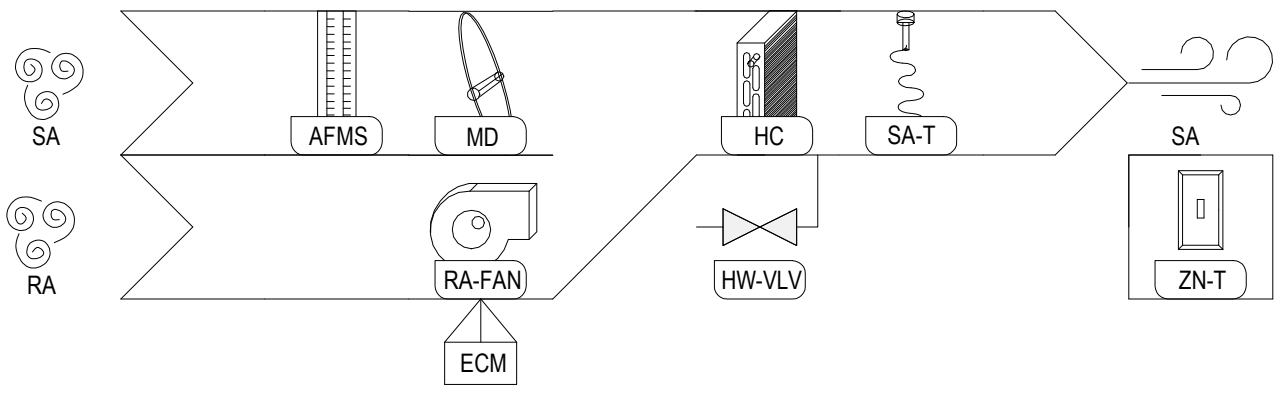
BUILDING ELECTRICAL METERING/MONITORING
PROVIDE DIGITAL MONITORING OF BUILDING MSB. THE BAS IS TO MONITOR THE ELECTRICAL ENERGY CONSUMPTION AT THE BUILDING'S MAIN ELECTRIC FEED. COORDINATE WITH SWITCHGEAR MANUFACTURER AND/OR ELECTRICAL CONTRACTOR.

AMBIENT CONDITIONS:
THE BAS MONITORS THE AMBIENT CONDITIONS AT THE BUILDING. SENSORS TO BE LOCATED OUTSIDE THE BUILDING FOR NORTHERN EXPOSURE.

VARIABLE FREQUENCY DRIVES
THE BAS TO INTERFACE AND MONITOR POINTS FROM VFDs. ACHIEVE INTERFACES VIA COMMUNICATION LINK. SHOW DATA ON ASSOCIATED UNITARY GRAPHIC. PROVIDE DASHBOARD WITH DAILY, WEEKLY, MONTHLY, AND YEARLY USAGE TOTALS FOR KWH AND RUNTIME.

PARALLEL FAN POWERED AIR TERMINAL UNIT POINTS LIST (HYDRONIC)

EQUIPMENT ID	POINT ID	POINT DESCRIPTION	AO	AI	DO	DI	VI	UNITS
AFMS	ATU-X-PA-VFR	PRIMARY AIR VOLUMETRIC FLOW RATE		X				CFM
SA-T	ATU-X-SA-T	SUPPLY AIR DRY-BULB TEMPERATURE		X				°F
MD	ATU-X-PAD-CTR ATU-X-PAD-POS	PRIMARY AIR DAMPER POSITION CONTROL PRIMARY AIR DAMPER POSITION STATUS	X		X			% OPEN % OPEN
RA-FAN-EOM	ATU-X-RAF-VFR ATU-X-RAF-CTR ATU-X-RAF-SPD	RETURN AIR FAN VOLUMETRIC FLOW RATE RETURN AIR FAN SPEED CONTROL RETURN AIR FAN SPEED STATUS		X				CFM HZ % OF MAX
HW-VLV	ATU-X-HWV-POS ATU-X-HWV-CTRL	HEATING WATER VALVE POSITION HEATING WATER VALVE CONTROL		X				% OF MAX % OF MAX
ZN-T	ATU-X-ZN-T	ZONE INDOOR AIR DRY-BULB TEMPERATURE		X				°F
ZN-RH	ATU-X-ZN-RH	ZONE INDOOR AIR RELATIVE HUMIDITY		X				% RH

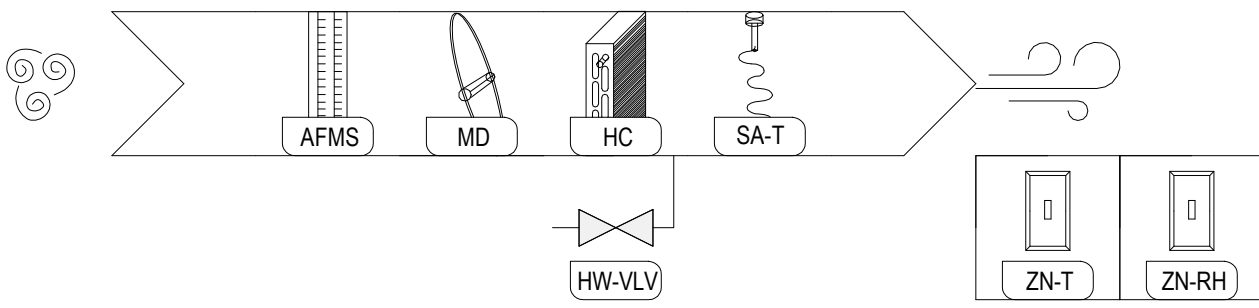


1 PARALLEL FAN POWERED AIR TERMINAL UNIT WITH HYDRONIC REHEAT

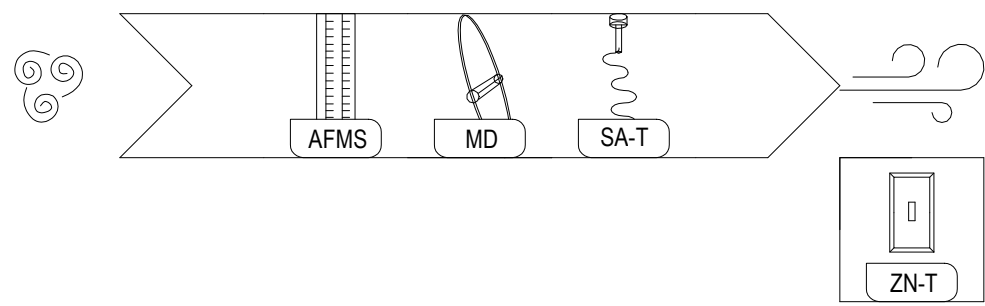
NONE

AIR TERMINAL UNIT POINTS LIST

DIAGRA...	POINT ID	POINT DESCRIPTION	AO	AI	DO	DI	VI	SETPOINT	MAX	MIN	UNITS
AFMS	ATU-X-PA-VFR	PRIMARY AIR VOLUMETRIC FLOW RATE		X							CFM
SA-T	ATU-X-SA-T	SUPPLY AIR DRY-BULB TEMPERATURE		X							°F
MD	ATU-X-PAD-CTR ATU-X-PAD-POS	PRIMARY AIR DAMPER POSITION CONTROL PRIMARY AIR DAMPER POSITION STATUS	X		X						% OPEN % OPEN
HW-VLV	ATU-X-HWV-CTR ATU-X-HWV-POS	HEATING WATER VALVE POSITION CONTROL HEATING WATER VALVE POSITION STATUS		X		X					% OPEN % OPEN
ZN-T	ATU-X-ZN-T	ZONE INDOOR AIR DRY-BULB TEMPERATURE		X							°F
ZN-RH	ATU-X-ZN-RH	ZONE INDOOR AIR RELATIVE HUMIDITY		X							% RH



SINGLE DUCT VAV WITH REHEAT COIL SERVING PET CTRL ROOM



SINGLE DUCT VAV (COOLING ONLY) SERVING IT ROOM

2 SINGLE DUCT VAV TERMINAL UNIT

NONE

PARALLEL FAN POWERED AIR TERMINAL UNIT WITH HYDRONIC REHEAT SEQUENCE OF OPERATION

- A. GENERAL DESCRIPTION: THIS SEQUENCE DESCRIBES OPERATION OF THE PARALLEL FAN POWERED BOX WITH REHEAT COIL. ALL SETPOINTS SHALL BE ADJUSTABLE FROM THE BUILDING AUTOMATION SYSTEM.
- B. SETPOINTS: SETPOINTS FOR THE SYSTEM SHALL BE DETERMINED AS FOLLOWS:
- SPACE TEMPERATURE SETPOINT FOR COOLING MODE: 75 DEG F (ADJ.).
 - SPACE TEMPERATURE SETPOINT FOR HEATING MODE: 70 DEG F (ADJ.).
- C. SYSTEM OFF: WHEN THE SYSTEM IS OFF:
- FAN POWERED BOX AIR DAMPER SHALL BE OPEN 50% (ADJ.).
 - REHEAT COIL SHALL BE OFF.
- D. INITIATION OF SYSTEM STARTUP: THE SYSTEM SHALL BE STARTED EITHER OF THE FOLLOWING
- MANUALLY BY AN OPERATOR ENTERED COMMAND.
 - AUTOMATICALLY BY THE BUILDING AUTOMATION SYSTEM.
- E. FAN POWERED BOX START SEQUENCE: THE SYSTEM SHALL BE STARTED IN THE FOLLOWING SEQUENCE:
- FAN TURNS ON TO PROVIDE PLENUM AIR AND SUPPLY AIR MIXTURE TO MEET TEMPERATURE SETPOINT IN SPACE IF APPLICABLE.
 - REHEAT COIL MODULATES IF REHEAT IS REQUIRED TO MEET TEMPERATURE SETPOINT.
- F. FAN POWERED BOX STOP SEQUENCE: THE SYSTEM SHALL BE STOPPED IN THE FOLLOWING SEQUENCE:
- TURN REHEAT COIL OFF.
 - VAV TERMINAL UNIT AIR DAMPER SHALL BE OPEN 50% (ADJ.).
- G. FAN POWERED BOX OPERATION:
- THE PRIMARY AIR DAMPER SHALL BE OPEN TO THE POSITION NECESSARY TO MAINTAIN FULL COOLING CFM WHEN THE ZONE SENSOR IS CALLING FOR FULL COOLING. AS THE COOLING DEMAND DECREASES, THE PRIMARY AIR DAMPER WILL MODULATE CLOSED TO THE MINIMUM OCCUPIED AIRFLOW (AS SCHEDULED) UNTIL THE LOAD IS SATISFIED. BOX SHALL ENTER THE DEADBAND CONTROL. (OF, ADJ.). IN DEADBAND CONTROL, THE BOX WILL REMAIN AT MINIMUM POSITION. RA-FAN AND HW CONTROL VALVE WILL REMAIN SHUT.
 - IF THE PRIMARY AIR DAMPER MODULATES TO THE MINIMUM SCHEDULED OPEN POSITION AND THE ZONE SENSOR IS CALLING FOR INCREASED ZONE TEMPERATURE, THE FAN WILL TURN ON AND START PULLING IN AIR FROM THE PLENUM. THE FAN WILL RAMP UP UNTIL THE SPACE SET POINT IS SATISFIED. IF THE FAN IS AT ITS MAX AIRFLOW (AS SCHEDULED) AND HEATING IS STILL REQUIRED, THE HEATING WATER VALVE COIL SHALL MODULATE TO THE SCHEDULED HEATING LEAVING AIR TEMPERATURE (NOT TO EXCEED 90F), UNTIL SPACE SET POINT IS REACHED. UPON A DECREASE IN HEATING LOAD, THE BOX SHALL ENTER THE DEADBAND CONTROL. (OF, ADJ.). IN DEADBAND CONTROL, THE BOX WILL REMAIN AT MINIMUM POSITION. RA-FAN AND HW CONTROL VALVE WILL REMAIN SHUT.
- H. INITIATION FOR SYSTEM SHUTDOWN: THE FAN POWERED BOX SHUTDOWN SHALL BE INITIATED BY ANY OF THE FOLLOWING:
- MANUALLY BY AN OPERATOR ENTERED COMMAND AT BAS.
 - AUTOMATICALLY BY THE BAS.
 - AUTOMATICALLY BY ANY ALARM CONDITIONS AS DESCRIBED BELOW.
- I. SYSTEM SHUT DOWN PROCEDURE:
- POWER FAILURE: WHEN A POWER FAILURE OR BAS COMPONENT FAILURE OCCURS:
 - THE PRIMARY AIR DAMPER SHALL REMAIN AT THE LAST COMMANDED STATE.
 - THE REHEAT COIL SHALL REMAIN AT THE LAST COMMANDED STATE.
 - LOSS OF COMMUNICATION: WHEN A COMMUNICATIONS LOSS OCCURS:
 - IF A LOCAL FIELD CONTROLLER LOSES COMMUNICATION WITH THE BAS NETWORK, AN ALARM SHALL BE GENERATED AT THE OPERATOR WORKSTATION INDICATING A LOSS OF COMMUNICATION WITH THE FIELD CONTROLLER.
- J. BAS ALARMS: THE BAS SHALL GENERATE AN ALARM FOR THE FOLLOWING CONDITIONS:
- IF SUPPLY AIR TEMPERATURE IS ABOVE 100 DEG F (ADJ) FOR 15 MIN (ADJ.).
 - IF SPACE TEMPERATURE SETPOINT HAS NOT BEEN SATISFIED FOR 30 MINS (ADJ).
 - IF A FIELD CONTROLLER LOSES COMMUNICATION WITH THE BAS NETWORK.

VAV TERMINAL UNIT SEQUENCE OF OPERATION

- A. GENERAL DESCRIPTION: THIS SEQUENCE DESCRIBES OPERATION OF THE VARIABLE AIR VOLUME TERMINAL UNIT WITH REHEAT COIL. ALL SETPOINTS SHALL BE ADJUSTABLE FROM THE BUILDING AUTOMATION SYSTEM. OCCUPANCY AND OCCUPANCY BYPASS MODES SHALL BE INTEGRATED AS DESCRIBED IN THE SPECIFICATIONS. FOR COOLING ONLY VAV, THE REHEAT WATER COIL SEQUENCE WILL NOT APPLY.
- B. SETPOINTS: SETPOINTS FOR THE SYSTEM SHALL BE DETERMINED AS FOLLOWS:
- SPACE TEMPERATURE SETPOINT FOR COOLING MODE: 75 DEG F (ADJ.).
 - SPACE TEMPERATURE SETPOINT FOR HEATING MODE: 70 DEG F (ADJ.).
- C. SYSTEM OFF: WHEN THE SYSTEM IS OFF:
- VAV TERMINAL UNIT AIR DAMPER SHALL BE OPEN 50%.
 - REHEAT WATER CONTROL VALVE SHALL BE CLOSED (0% OPEN).
- D. INITIATION OF SYSTEM STARTUP: THE SYSTEM SHALL BE STARTED BY ANY OF THE FOLLOWING
- MANUALLY BY AN OPERATOR ENTERED COMMAND.
 - AUTOMATICALLY BY THE BUILDING AUTOMATION SYSTEM.
- E. VAV TERMINAL UNIT START SEQUENCE: THE SYSTEM SHALL BE STARTED IN THE FOLLOWING SEQUENCE:
- OPEN REHEAT WATER CONTROL VALVE IF REHEAT IS REQUIRED TO MEET TEMPERATURE SETPOINT IN SPACE (IF APPLICABLE).
- F. VAV TERMINAL UNIT STOP SEQUENCE: THE SYSTEM SHALL BE STOPPED IN THE FOLLOWING SEQUENCE:
- CLOSE REHEAT WATER CONTROL VALVE (IF APPLICABLE).
 - VAV TERMINAL UNIT AIR DAMPER SHALL BE OPEN 50%.
- G. VAV TERMINAL UNIT OPERATION:
- APPLIES TO BOTH VAV WITH REHEAT COIL AND COOLING ONLY BOX: THE PRIMARY AIR DAMPER SHALL BE OPEN TO THE POSITION NECESSARY TO MAINTAIN FULL COOLING CFM WHEN THE ZONE SENSOR IS CALLING FOR FULL COOLING. AS THE COOLING DEMAND DECREASES, THE PRIMARY AIR DAMPER WILL MODULATE CLOSED TO THE MINIMUM OCCUPIED AIRFLOW (AS SCHEDULED) UNTIL THE LOAD IS SATISFIED. IF THE PRIMARY AIR DAMPER MODULATES TO THE MINIMUM SCHEDULED OPEN POSITION AND THE ZONE SENSOR IS CALLING FOR INCREASED ZONE TEMPERATURE, THE REHEAT CONTROL VALVE SHALL MODULATE TO ALLOW SPACE HEATING.
 - APPLIES ONLY TO VAV WITH REHEAT COIL: IN HEATING MODE THE SUPPLY AIR DAMPER SHALL OPEN TO ITS MINIMUM POSITION. THE HEATING WATER COIL SHALL MODULATE TO MEET SETPOINT LEAVING AIR TEMPERATURE.
 - IF THE ZONE STILL CALLS FOR INCREASED ZONE TEMPERATURE, THE HEATING SUPPLY SHALL INCREASE TO MEET THE SCHEDULED HEATING AIR CFM.
 - IF THE SUPPLY AIR TEMPERATURE HAS REACHED 95 DEG (ADJ) AND THE ZONE SENSOR STILL CALLS FOR INCREASED ZONE TEMPERATURE, AND THE SCHEDULED HEATING AIRFLOW HAS BEEN REACHED, THE HEATING WATER COIL SHALL MODULATE TO 100% OPEN.
 - ONCE ZONE TEMPERATURE HAS REACHED ITS SETPOINT, THE HEATING MODE SEQUENCE SHALL RESET IN REVERSE ORDER.
- I. SYSTEM SHUT DOWN PROCEDURE:
- POWER FAILURE: WHEN A POWER FAILURE OR BAS COMPONENT FAILURE OCCURS:
 - THE PRIMARY AIR DAMPER SHALL REMAIN AT THE LAST COMMANDED STATE.
 - THE REHEAT WATER CONTROL VALVE SHALL REMAIN AT THE LAST COMMANDED STATE.
 - LOSS OF COMMUNICATION: WHEN A COMMUNICATIONS LOSS OCCURS:
 - IF A LOCAL FIELD CONTROLLER LOSES COMMUNICATION WITH THE BAS NETWORK, AN ALARM SHALL BE GENERATED AT THE OPERATOR WORKSTATION INDICATING A LOSS OF COMMUNICATION WITH THE FIELD CONTROLLER.
- J. BAS ALARMS: THE BAS SHALL GENERATE AN ALARM FOR THE FOLLOWING CONDITIONS:
- IF SUPPLY AIR TEMPERATURE IS ABOVE 100 DEG F (ADJ) FOR 15 MIN (ADJ.).
 - IF SPACE TEMPERATURE SETPOINT HAS NOT BEEN SATISFIED FOR 30 MINS (ADJ).
 - IF A FIELD CONTROLLER LOSES COMMUNICATION WITH THE BAS NETWORK.

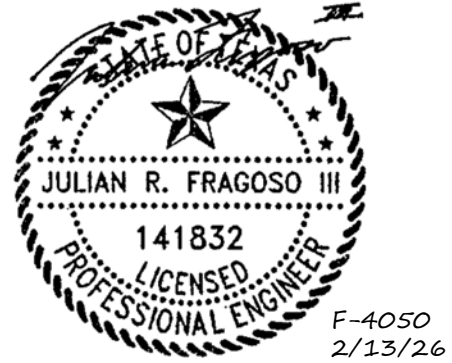
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PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

MECHANICAL CONTROLS

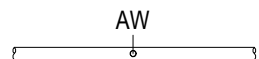
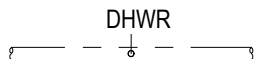
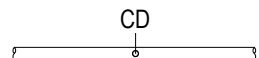
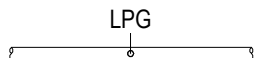
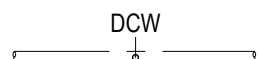
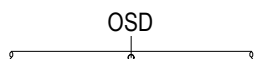
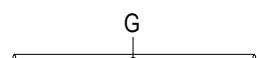
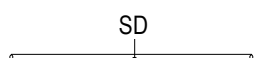
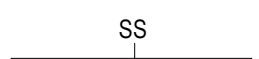
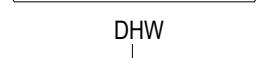
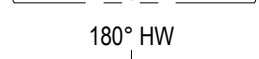
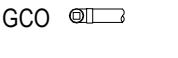
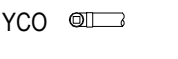
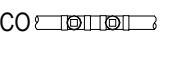
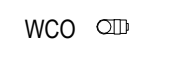
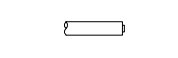
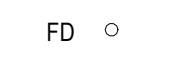
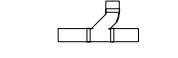
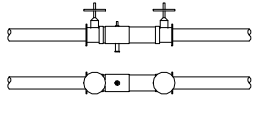
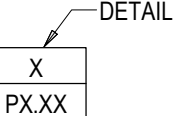
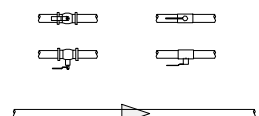
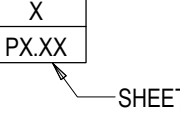
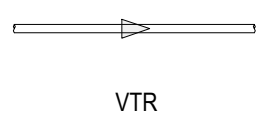
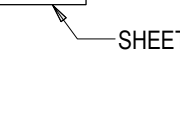
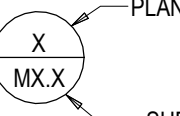
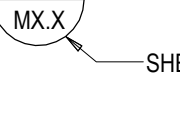
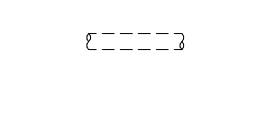
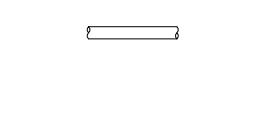
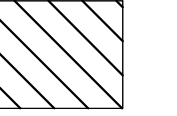
SHEET NUMBER

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PLUMBING DEMOLITION NOTES	
1.	COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
2.	MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
3.	REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING SELECTIVE DEMOLITION, BY METHODS AND WITH MATERIALS SO AS NOT TO VOID EXISTING WARRANTIES.
4.	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED BEFORE PROCEEDING TO DEMOLITION.
5.	MAINTAIN SYSTEMS TO REMAIN AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
6.	LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
7.	IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BEFORE PROCEEDING WITH SELECTIVE DEMOLITION PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
8.	CUT-OFF PIPE OR CONDUIT IN WALLS OR PARTITIONS TO BE REMOVED. CAP, VALVE, OR PLUG AND SEAL REMAINING PORTION OF PIPE OR CONDUIT AFTER BYPASSING.
9.	REMOVE AIR-CONDITIONING EQUIPMENT WITHOUT RELEASING REFRIGERANTS.
10.	ANY WORK INVOLVING A SERVICE SUSPENSION SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER. OBTAIN WRITTEN APPROVAL FROM THE OWNER WHEN INTERRUPTION OF SERVICES IS UNAVOIDABLE.
11.	PERFORM NO WORK IN ANY BUILDING WHICH WOULD INTERFERE WITH ITS USE DURING NORMAL HOURS OF OCCUPANCY, UNLESS SPECIAL PERMISSION IS GRANTED BY THE OWNER. INCLUDED ARE OPERATIONS WHICH WOULD CAUSE OBJECTIONABLE NOISE OR SERVICE INTERRUPTIONS.
12.	DO NOT CUT ANY STRUCTURAL MEMBER UNLESS SPECIFIC WRITTEN PERMISSION IS PROVIDED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
13.	WHERE OPENINGS ARE CUT IN FIRE-RATED WALLS OR FLOORS, SEAL THE ANNULAR SPACE BETWEEN THE WORK INSTALLED AND THE FIRE-RATED CONSTRUCTION. SEALANT, AS APPLIED, SHALL BE FIRE-RATED TO MAINTAIN THE FIRE RATING OF THE CONSTRUCTION PENETRATED, AND SHALL BE APPROVED BY THE ARCHITECT.

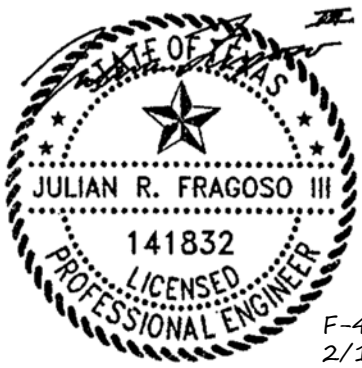
ABBREVIATIONS			
AD	AREA DRAIN	OED	OPEN END DRAIN
AP	ACCESS PANEL	OI	OIL INDICATOR
BAS	BUILDING AUTOMATION SYSTEM	PIV	POST INDICATOR VALVE
BF	BOTTLE FILLER	PLBG	PLUMBING
CO	CLEANOUT	PSI	POUNDS PER SQUARE INCH
CW	COLD WATER	RD	ROOF DRAIN
DCVA	DOUBLE CHECK VALVE ASSEMBLY	RPBP	REDUCED PRESSURE BACKFLOW PREVENTOR
DF	DRINKING FOUNTAIN	RPZ	REDUCED PRESSURE ZONE
DIA	DIAMETER	SA	SHOCK ABSORBER
DYCO	DOUBLE YARD CLEANOUT	SH	SHOWER
EL or ELV	ELEVATION	S	SINK
EWC	ELECTRICAL WATER COOLER	SS	SANITARY SEWER
FCO	FLOOR CLEANOUT	TW	TEMPERED WATER
FF	FINISHED FLOOR	TYP	TYPICAL
FLR	FLOOR	UR	URINAL
FT	FOOT or FEET	V	VENT
FV	FLUSH VALVE	VB	VACUUM BREAKER
G	GAS	VS	VENT STACK
GCO	GROUND CLEANOUT	VTR	VENT THROUGH ROOF
GI	GREASE INTERCEPTOR	W	WASTE
GPM	GALLONS PER MINUTE	WC	WATER CLOSET
HB	HOSE BIBB	WCO	WALL CLEANOUT
HD	HUB DRAIN	WF	WATER FILTER
HW	HOT WATER	WH	WALL HYDRANT
HWR	HOT WATER RETURN	WS	WASTE STACK
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION		
IMB	ICE MAKER BOX		
INV	INVERT		
IW	INDIRECT WASTE		
IWH	INSTANTANEOUS WATER HEATER		
L	LAVATORY		
MECH	MECHANICAL		
MSB	MOP SERVICE BASIN		
NC	NORMALLY CLOSED		
NFRH	NON-FREEZE ROOF HYDRANT		
NFWH	NON-FREEZE WALL HYDRANT		
NIC	NOT IN CONTRACT		
NO	NORMALLY OPEN		
NTS	NOT TO SCALE		
OD	OVERFLOW DRAIN		

PLUMBING GENERAL NOTES	
1.	THE PLUMBING LAYOUT SHOWN ON THESE DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CONDITIONS AT THE JOB SITE AND ALL THE OTHER TRADES INVOLVED.
2.	THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PIPING, FITTINGS, VALVES, HARDWARE, SUPPORTS AND ACCESSORIES REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF ALL THE PLUMBING FIXTURES AS REQUIRED BY CODE, (INCLUDING ALL HANDICAPPED CODE AND 'ADA' & 'TAS' REQUIREMENTS.)
3.	DO NOT SCALE LOCATIONS OR PARTITIONS FROM THIS DRAWING. THE CONTRACTOR SHALL REFER TO THE MANUFACTURER'S CUT-SHEETS, ROUGH-IN DIMENSIONS, ARCHITECTURAL DRAWINGS, DETAILS, SPECIFICATIONS AND ALL OTHER INFORMATION RELATED TO THIS PROJECT, AS REQUIRED.
4.	ALL NEW PIPING SHALL BE INSULATED AS PER SPECIFICATIONS.
5.	THE CONTRACTOR SHALL COORDINATE ALL THE FLOOR AND PARTITION PENETRATIONS WITH JOISTS, GRADE BEAMS AND SLEEVES AS REQUIRED WITH STRUCTURAL ENGINEER BEFORE DRILLING OR CORE-BORING.
6.	THE CONTRACTOR SHALL SEAL ALL PENETRATIONS WITH A CODE APPROVED FIRE RATED MATERIAL AS REQUIRED TO MAINTAIN THE FIRE SEPARATION BETWEEN FLOORS/ROOF REQUIRED BY THE ARCHITECTURAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND FIRE BARRIER LOCATIONS.
7.	THE CONTRACTOR SHALL COORDINATE ANY MODIFICATIONS TO THE PARTITIONS, WALLS OR LAYOUT REQUIRED FOR THE INSTALLATION OF THE PLUMBING FIXTURES WITH THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE NEW WORK AND INSTALLATION.
8.	THE CONTRACTOR SHALL SUBMIT MANUFACTURER'S SPECIFICATIONS AND CUT-SHEETS FOR ALL THE FIXTURES, FITTINGS AND COMPONENTS AS REQUIRED FOR FINAL APPROVAL BY THE ENGINEER BEFORE PURCHASING OR INSTALLING THEM.
9.	THE FIXTURE SPECIFICATIONS (MANUFACTURER, MODEL, COLOR, TRIMS, ETC.) SHALL BE AS PER THE ARCHITECT'S/ENGINEERS DRAWINGS AND SCHEDULES/SPECIFICATIONS.
10.	THE CONTRACTOR SHALL TEST ALL NEW PIPING AND FIXTURES FOR PROPER OPERATION AND SHALL MAKE ALL NECESSARY REPAIRS AS REQUIRED TO PROVIDE A COMPLETE WORKING SYSTEM.
11.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL THE AREAS AFFECTED BY HIS WORK TO THEIR ORIGINAL CONDITION AS REQUIRED BY THE ARCHITECT OR ENGINEER.
12.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE JOB-SITE AS REQUIRED BY THE LOCAL CODES AND REGULATIONS AND AS REQUIRED BY THE STATE.
13.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING, PERMITTING, AND CONDUCTING ALL THE INSPECTIONS AND TESTS REQUIRED BY THE LOCAL CODES, REGULATIONS AND AS REQUIRED BY THE STATE REPRESENTATIVE OR COMMISSIONING SPECIFICATIONS. CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE OF COMMISSIONING INSPECTION TO ARCHITECT OR ENGINEER.
14.	ALL WORK AND INSTALLATION SHALL BE DONE BY A LICENSED CONTRACTOR WITH EXPERIENCE IN THE WORK REQUIRED FOR THIS PROJECT.
15.	ALL WORK SHALL COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (2021 IBC), 2021 INTERNATIONAL PLUMBING CODE (2021 IPC), 2021 INTERNATIONAL FUEL GAS CODE (2021 IFGC), 2015 INTERNATIONAL ENERGY CONSERVATION CODE (2015 IECC) AND ALL OTHER CODES AS MAY BE APPLICABLE WITHIN THE CITY OF FORT WORTH.
16.	ALL EQUIPMENT SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. NO WEIGHT CAN BE PLACED ON THE ROOFING MATERIALS OR INSULATION.
17.	CONTRACTOR SHALL SAW-CUT ALL SLAB PENETRATIONS AND ENSURE THAT THEY ARE PROPERLY SEALED AND REMAIN WATERTIGHT.
18.	CONTRACTOR SHALL ENSURE THAT ALL SLAB PENETRATIONS WITHIN THE SPACE ARE PROPERLY SEALED AND REMAIN WATERTIGHT.
19.	ALL PIPING, CLAMPS, SUPPORTS, ETC. SHALL BE FASTENED TO JOISTS OR BEAMS. DO NOT ATTACH ANYTHING DIRECTLY TO THE DECK, CEILING SUPPORT SYSTEM OR DUCTWORK ABOVE.
20.	CONTRACTOR SHALL PROVIDE FLOOR OR WALL CLEANOUTS AS PER THE IPC, AND LOCAL REQUIREMENTS, IN ADDITION TO THOSE SHOWN ON THE DRAWINGS.
21.	CONFIRM ALL VENT THROUGH ROOFS ARE LOCATED A MINIMUM 10'-0" FROM ANY OUTSIDE AIR INTAKE.
22.	ALL EXPOSED WASTE AND VENT PIPING SHALL BE CAST IRON.
23.	ALL PIPING, VALVES, FITTINGS AND FIXTURES IN CONTACT WITH DOMESTIC WATER SHALL BE LEAD-FREE.
24.	CONTRACTOR SHALL FURNISH AND INSTALL A PRESSURE REDUCING VALVE (PRV) IN THE POTABLE WATER LINE IF THE STREET PRESSURE IS 80 PSIG OR GREATER. THE DOWNSTREAM PRESSURE AFTER THE PRV SHALL BE INITIALLY SET FOR 50 PSIG (ADJUSTABLE). SEE SPECIFICATIONS.
25.	ALL PIPING WITHIN A RETURN AIR PLENUM SHALL BE PLENUM RATED.
26.	PLUMBING SHOP DRAWINGS SHALL BE PROVIDED TO, REVIEWED BY, AND APPROVED BY THE ENGINEER PRIOR TO ANY FABRICATION, EQUIPMENT ORDERING, AND/ OR INSTALLATION. SHOP DRAWINGS SHALL INDICATE THE ACTUAL SIZE OF EACH SECTION OF PLUMBING SYSTEMS AND ALL REQUIRED FITTINGS AND ACCESSORIES.
27.	CONTRACTOR SHALL BID EQUIPMENT IN SCHEDULE AS BASIS OF DESIGN. ALTERNATE EQUIPMENT BY ACCEPTABLE MANUFACTURERS MEETING PERFORMANCE REQUIREMENTS MAY BE REVIEWED BY DESIGN TEAM AND OWNER RESULTING IN A CREDIT IF USED.
28.	REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.
29.	REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER OR OWNER'S REPRESENTATIVE READY FOR REUSE.
30.	REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, AND REINSTALL THEM WHERE INDICATED.
31.	EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.
32.	IN THESE DOCUMENTS, 'FURNISH' SHALL MEAN TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION AND SIMILAR OPERATIONS. 'INSTALL' SHALL MEAN TO UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT THE PROJECT SITE. 'PROVIDE' SHALL MEAN TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
33.	QUARTER TURN SHUT-OFF VALVES TO BE USED ON WATER SUPPLY.
34.	UNT DOES NOT ALLOW FOR PROGRESS OR EQUIVALENT ON PIPING JOINTS.
35.	UNT REQUIREMENT: INDEPENDENTLY SUPPORT ALL EQUIPMENT, CONDUITS, PIPING, ETC. FROM BUILDING STRUCTURE, ALL TRAPEZE AND/OR HANGER SUPPORTS TO BE PROVIDED WITH DOUBLE NUT OR LOCK NUT WITH FLAT WASHER.

PLUMBING LEGEND			
PIPING SYSTEMS			
	ACID WASTE		DOMESTIC HOT WATER RETURN
	CONDENSATE DRAIN		PROPANE GAS
	DOMESTIC COLD WATER		OVERFLOW STORM DRAIN
	NATURAL GAS		STORM DRAIN
	GREASE WASTE		SANITARY SEWER (WASTE)
	DOMESTIC HOT WATER (TEMPERED)		VENT
	HOT WATER (180°)		
SYMBOLS AND ACCESSORIES			
	ELBOW UP		GRADE CLEANOUT
	ELBOW DOWN		YARD CLEANOUT
	TEE UP		DOUBLE YARD CLEANOUT
	TEE DOWN		WALL CLEANOUT
	CAP		FLOOR DRAIN
	NON-FREEZE WALL HYDRANT		FLOOR SINK
	ROOF DRAIN		SANITARY WYE
	OVERFLOW ROOF DRAIN		SANITARY CROSS
	DOWNSPOUT NOZZLE		CONNECT TO EXISTING
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER		DETAIL NUMBER
	SHUT-OFF VALVE		DETAIL CALL-OUT
	FLOW ARROW		SHEET NUMBER
	VENT THROUGH ROOF		PLAN NUMBER
	GAS METER		ENLARGED PLAN CALL-OUT
	DEMOLITION		SHEET NUMBER
	EXISTING TO REMAIN		PLUMBING EQUIPMENT PATTERN

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Fort Worth, Texas 76107

MARK	ISSUE	DATE
Job Number		144090.00
TITLE		

PLUMBING GENERAL
NOTES AND LEGEND



1 PLUMBING DEMOLITION PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- A. CONTRACTOR TO FIELD VERIFY ALL EXISTING PLUMBING PIPING TO BID AND DEMOLITION.
- B. DEMOLISH ALL PREVIOUSLY ABANDONED PIPING AND THEIR APPURTENANCES IN AREAS OF WORK THAT ARE RELOCATED ACCESSIBLE.
- C. FLOOR STRUCTURE IS SLAB ON GRADE. UNDERSLAB LINES WILL BE ACCESSED VIA SAN CUTOUTS. PERFORM X-RAY INSPECTION PIPING TO DEMOLITION.
- D. DEMOLISH AND REMOVE ALL EXISTING DOMESTIC COLD WATER AND DOMESTIC HOT WATER SUPPLY PIPING ABOVE CEILING IN SPACE. ALL EXISTING PIPING INSIDE OF WALLS TO BE EASILY ACCESSIBLE SHALL REMAIN.
- E. PREPARE EXISTING TO REMAIN PIPING FOR RECONNECTION TO NEW MAIN.
- F. COORDINATE WITH DEMOLISH ARCHITECTURAL WALLS. DISCOVERED PLUMBING PIPING SHALL BE REROUTED THROUGH ADJACENT WALLS TO RECONNECT TO EXISTING SYSTEMS.
- G. REPLACED PLUMBING FIXTURES SHALL HAVE NEW WALL CARRIERS.
DEMOLISH EXISTING PLUMBING FIXTURES. DEMOLISH EXISTING PIPING LINES FROM FIXTURES BACK TO MAIN. DEMOLISH EXISTING VENT PLUMBING FROM FIXTURES BACK TO MAIN. DEMOLISH ALL EXISTING SANITARY AND FIXTURES LINES TO MAIN, CAP AND SEAL EXISTING TO REMAIN PIPING.
- I. REMOVE SUPPLY LINES BACK TO STOP VALVES BELOW FIXTURES. PREPARE FOR INSTALLATION OF NEW SUPPLY LINES. DISCONNECT EXISTING WASTE PIPE FROM MAIN. PREPARE EXISTING SANITARY LINE FOR NEW INSTALLATION.

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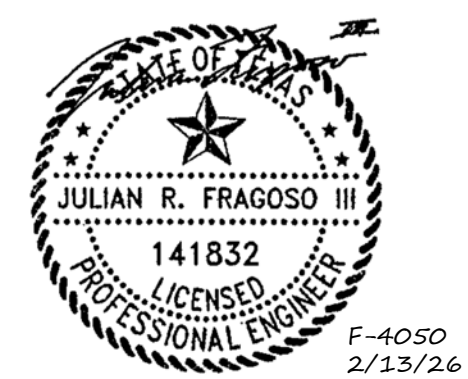
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PROJECT

**UNT Health Imaging
PET Addition**
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

NOTES BY SYMBOL

1. DEMOLISH SINK AND ASSOCIATED PIPING. SEAL AND CAP LINES BACK TO MAIN.
2. DEMOLISH LAVATORY AND ASSOCIATED PIPING. SEAL AND CAP LINES BACK TO MAIN.
3. DEMOLISH WATER CLOSET AND ASSOCIATED PIPING. SEAL AND CAP LINES BACK TO MAIN.
4. DEMOLISH REFRIGERATOR VALVE BOX AND ASSOCIATED PIPING. SEAL AND CAP LINES BACK TO MAIN.
5. DEMOLISH MOP SINK AND ASSOCIATED PIPING. SEAL AND CAP LINES BACK TO MAIN.

ISSUE CHART

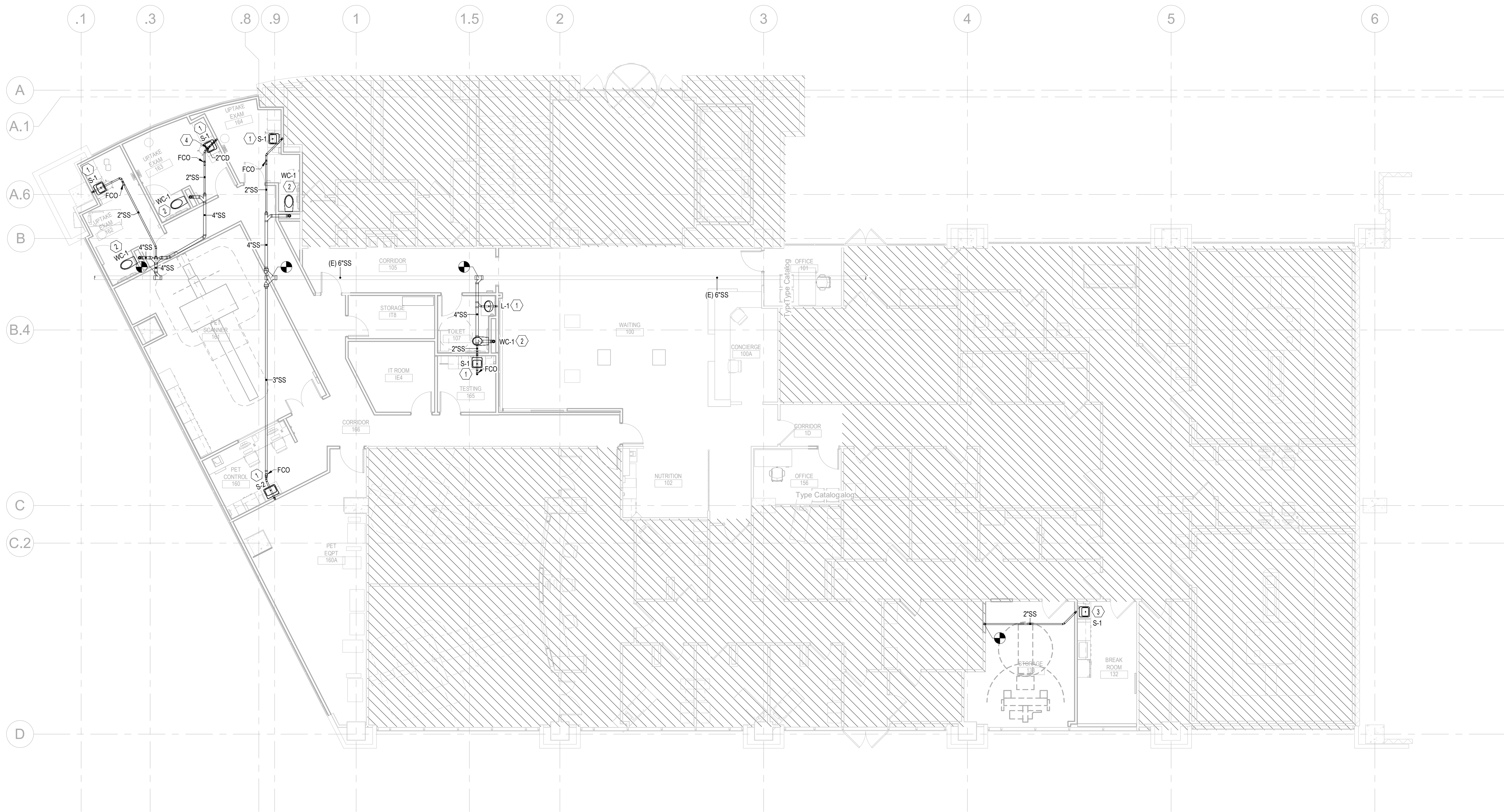
MARK	ISSUE	DATE
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**PLUMBING
DEMOLITION PLAN -
LEVEL 01**

SHEET NUMBER

P01-01



1 PLUMBING UNDERSLAB PLAN
1/8" = 1'-0"

PLAN NOTES

- CONTRACTOR SHALL FIELD COORDINATE ALL CONDITIONS WITH ALL DISCIPLINES AND ADJUST PIPING LAYOUT AS NECESSARY.
- REFER TO GENERAL PLUMBING SCHEDULE FOR SANITARY SEWER AND VENT CONNECTION SIZES.
- PROVIDE P-TRAPS FOR ALL PLUMBING FIXTURES AND DRAINS AS REQUIRED BY CODE.
- PROVIDE P-TRAPS WITH CLEANOUT PLUGS FOR ALL SINK/LAVATORY FIXTURES.
- PROVIDE P-TRAPS FOR ALL PLUMBING FIXTURES AS REQUIRED BY CODE.
- CONTRACTOR SHALL VERIFY SANITARY INVERT ELEVATIONS PRIOR TO CONSTRUCTION.

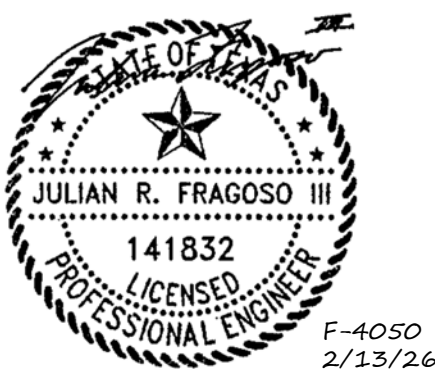
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PROJECT

NOTES BY SYMBOL

- RECONNECT 2" SANITARY SEWER PIPING TO NEW FIXTURE BELOW SLAB TO NEAREST MAIN FOR EACH SINK S-1" AND LAVATORY L-1". CONTRACTOR SHALL SERVICE/REPLACE PIPING, HANGERS, AND FITTINGS AS NEEDED. REFER TO PLUMBING SCHEDULE FOR MORE INFORMATION. FURNISH WALL CLEANOUT FOR ALL LAVATORIES.
- RECONNECT 4" SANITARY SEWER PIPING TO NEW FIXTURE BELOW SLAB TO NEAREST MAIN FOR EACH WATER CLOSET WC-1. CONTRACTOR SHALL SERVICE/REPLACE PIPING, HANGERS, AND FITTINGS AS NEEDED. REFER TO PLUMBING SCHEDULE FOR MORE INFORMATION. FURNISH WALL CLEANOUT FOR ALL WATER CLOSETS.
- RECONNECT 2" SANITARY SEWER PIPING TO NEW FIXTURE BELOW SLAB FROM PREVIOUSLY EXISTING MOP SINK'S SANITARY DRAINAGE TO SINK S-1". CONTRACTOR SHALL SERVICE/REPLACE PIPING, HANGERS, AND FITTINGS AS NEEDED. REFER TO PLUMBING SCHEDULE FOR MORE INFORMATION.
- CONNECT SIEMENS-PROVIDED CONDENSATE HOSE FROM GENTRY TO SINK'S P-TRAP. INSTALL PER MEQ MANUFACTURER REQUIREMENTS ON MEQ SHEET M-501.

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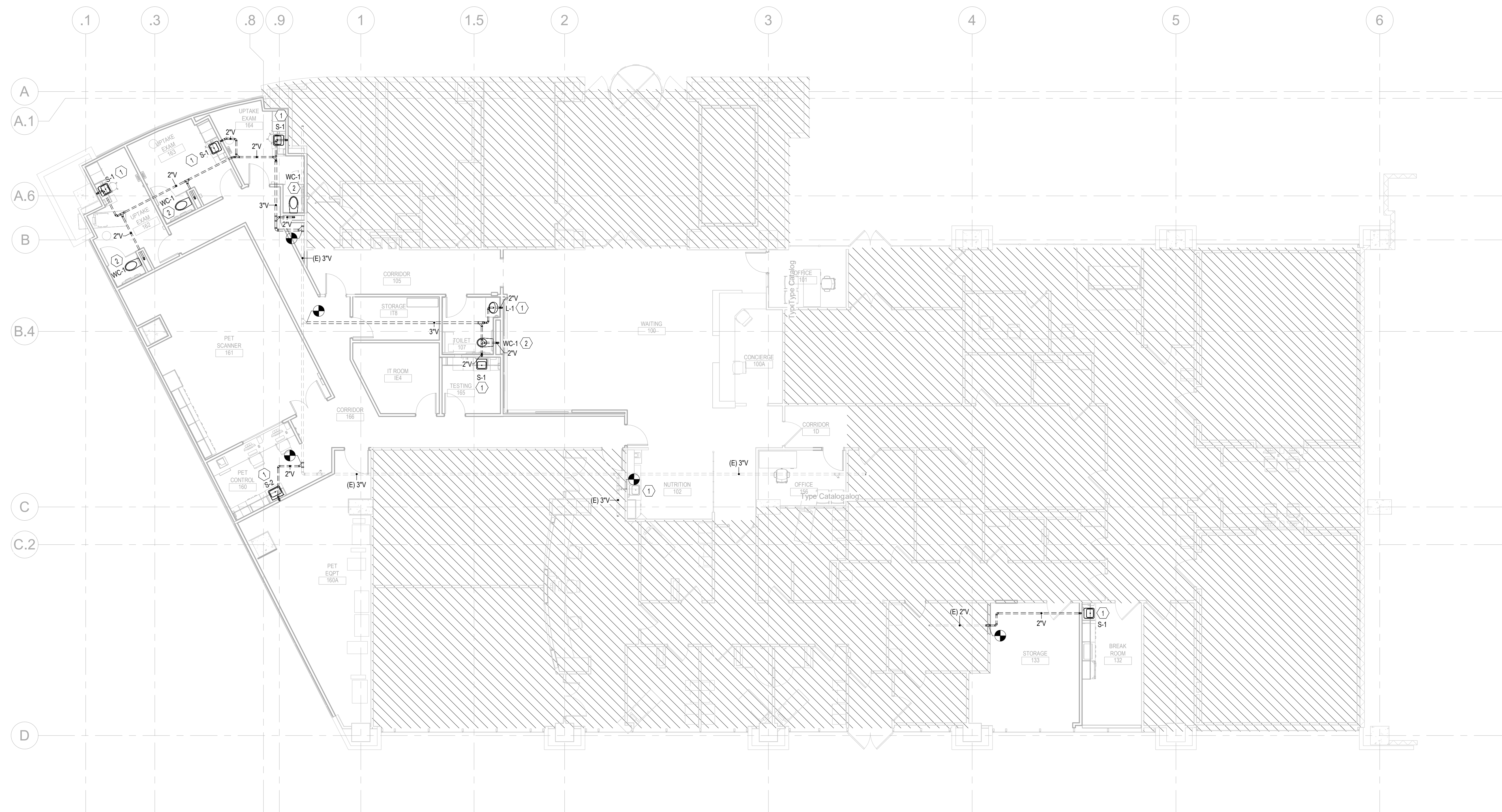
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MARK	ISSUE	DATE
Job Number	144090.00	TITLE

**PLUMBING
UNDERSLAB PLAN**

SHEET NUMBER

P02-01



1 PLUMBING WASTE & VENT PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- A. REFER TO WASTE AND VENT RISER DIAGRAM FOR VULNER REPRESENTATION.
- B. CONTRACTOR SHALL FIELD COORDINATE ALL CONDITIONS WITH ALL DISCIPLINES AND ADJUST PIPING LAYOUT AS NECESSARY.
- C. REFER TO GENERAL PLUMBING SCHEDULE FOR SANITARY SEWER AND VENT CONNECTION SIZES.
- D. PROVIDE P-TAPS FOR ALL PLUMBING FIXTURES AND DRAINS AS REQUIRED BY CODE.
- E. PROVIDE P-TAPS WITH CLEANOUT PLUGS FOR ALL SINK/LAVATORY FIXTURES.
- F. CONNECT CONDENSATE PIPES TO EACH GRUFOU. FURNISH AND INSTALLED P-TAP PRIOR TO EACH CONNECTION.
- G. TERMINATE WATER HEATER TEMPERATURE RELIEF VALVE W/ TWO TWO PIPE DIAMETERS ABOVE FLOOD RIM OF NEARBY DRAIN.
- H. TERMINATE REDUCED PRESSURE ZONE BACKFLOW PREVENTER WASTE TWO TWO PIPE DIAMETERS ABOVE FLOOD RIM OF NEARBY DRAIN.

NOTES BY SYMBOL

1. RECONNECT 2" SANITARY VENT PIPING TO NEW FIXTURE ABOVE CEILING TO NEAREST MAIN FOR EACH SINK 'S-1' AND LAVATORY 'L-1'. CONTRACTOR SHALL SERVICE/REPLACE PIPING, HANGERS, AND FITTINGS AS NEEDED. REFER TO PLUMBING SCHEDULE FOR MORE INFORMATION.
2. RECONNECT 2" SANITARY VENT PIPING TO NEW FIXTURE ABOVE CEILING TO NEAREST MAIN FOR EACH WATER CLOSET 'WC-1'. CONTRACTOR SHALL SERVICE/REPLACE PIPING, HANGERS, AND FITTINGS AS NEEDED. REFER TO PLUMBING SCHEDULE FOR MORE INFORMATION.

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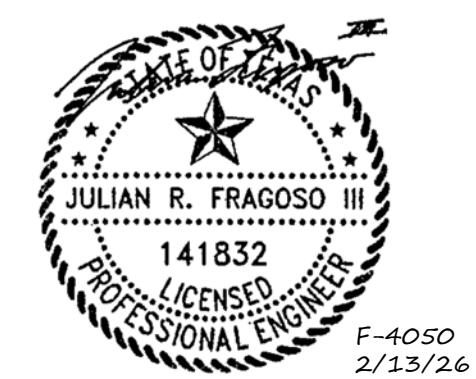
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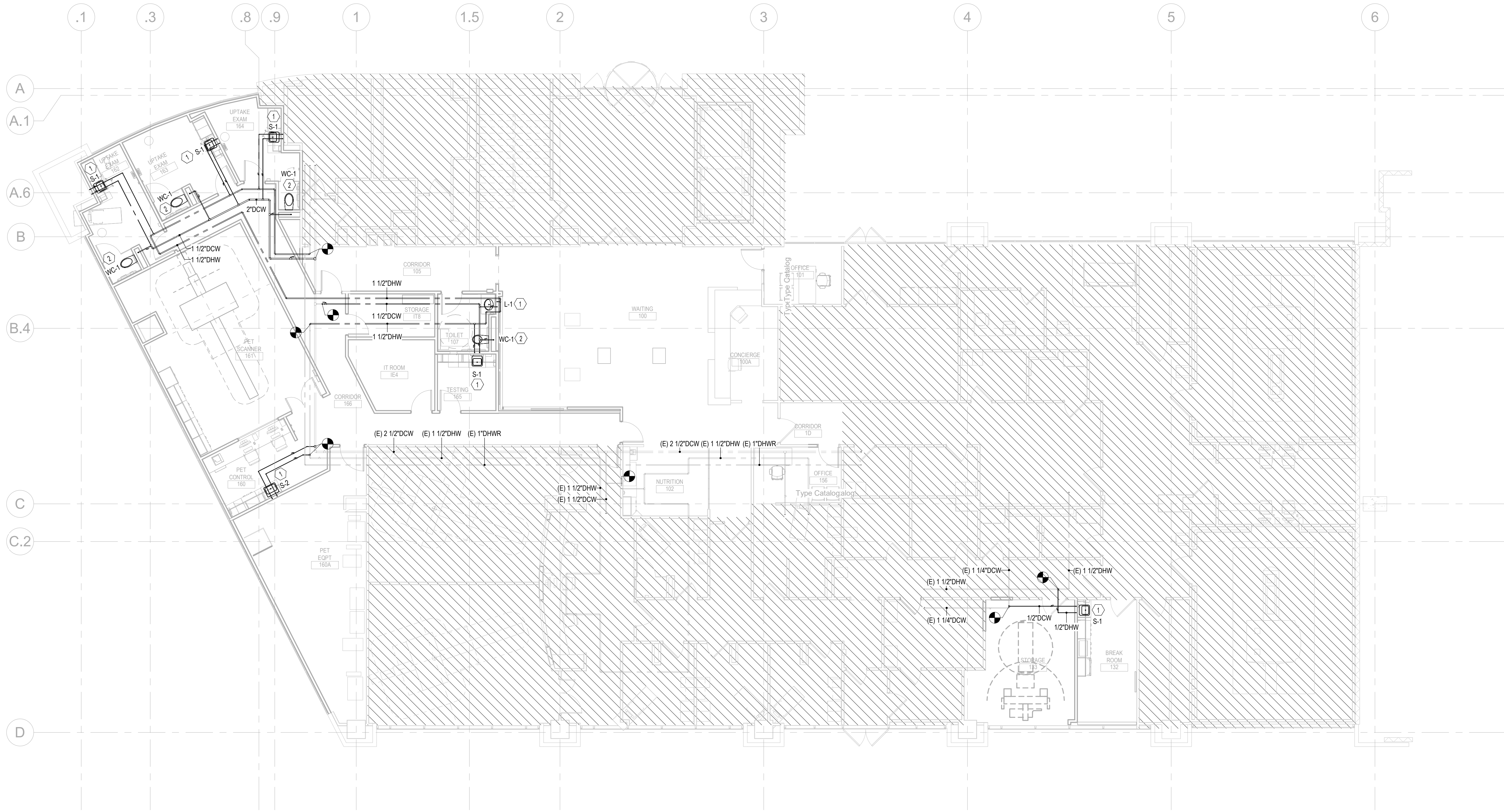
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**PLUMBING WASTE &
VENT PLAN - LEVEL 01**

SHEET NUMBER

P02-02

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1 PLUMBING SUPPLY PLAN - LEVEL 01
1/8" = 1'-0"

PLAN NOTES

- CONTRACTOR SHALL FIELD COORDINATE ALL CONDITION WITH ALL DISCIPLINES AND ADJUST PIPING LAYOUT AS NECESSARY.
- PROVIDE 8"X8" ACCESS PANELS FOR ALL SHUT-OFF VALVES LOCATED ABOVE INACCESSIBLE CEILINGS OR CONCEALED WITHIN WALLS. COORDINATE WITH ARCHITECT FOR FINAL FINISHES.
- PIPE 1/2" COLD WATER AND HOT WATER IN WALL TO EACH SINK. REFER TO NOTES BY SYMBOL AND NOTES ON SHEET FOR ALL OTHER WATER DISTRIBUTION INSTRUCTIONS.
- ALL PIPING SHALL BE CONCEALED ABOVE CEILING UNLESS IN A MECHANICAL ROOM.
- PROVIDE ESCUTCHEONS AT ALL PIPE PENETRATIONS THROUGH WALLS THAT ARE VISIBLE BELOW CEILINGS OR IN OPEN TO DECK AREAS OF NORMALLY OCCUPIED SPACES.
- INSULATED PIPING SHALL BE CONTINUOUS THROUGH WALLS/FLOORS ETC TO PREVENT CONDENSATION. ALL INSULATED PIPING PENETRATIONS SHALL BE SLEEVED.
- FURNISH QUARTER TURN BALL VALVES ON ALL DOMESTIC HOT AND COLD WATER BRANCH LINES SERVING FIXTURES.

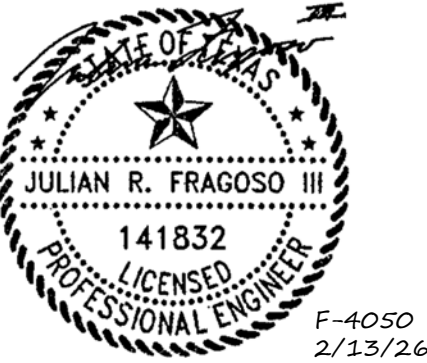
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PROJECT

NOTES BY SYMBOL

- RECONNECT 1/2" DOMESTIC COLD WATER/HOT WATER/ HOT WATER RETURN PIPING ABOVE CEILING AND DOWN IN WALL FOR EACH NEW LAVATORY S-1* AND SINK S-1*. RECONNECT PIPING TO FIXTURE FROM EXISTING MAINS IN THIS APPROXIMATE AREA. FURNISH WITH QUARTER TURN VALVE.
- RECONNECT 1" DOMESTIC COLD WATER PIPING ABOVE CEILING AND DOWN IN WALL FOR EACH NEW WATER CLOSET WC-1*. RECONNECT PIPING TO FIXTURE FROM EXISTING MAINS IN THIS APPROXIMATE AREA. FURNISH WITH QUARTER TURN VALVE.

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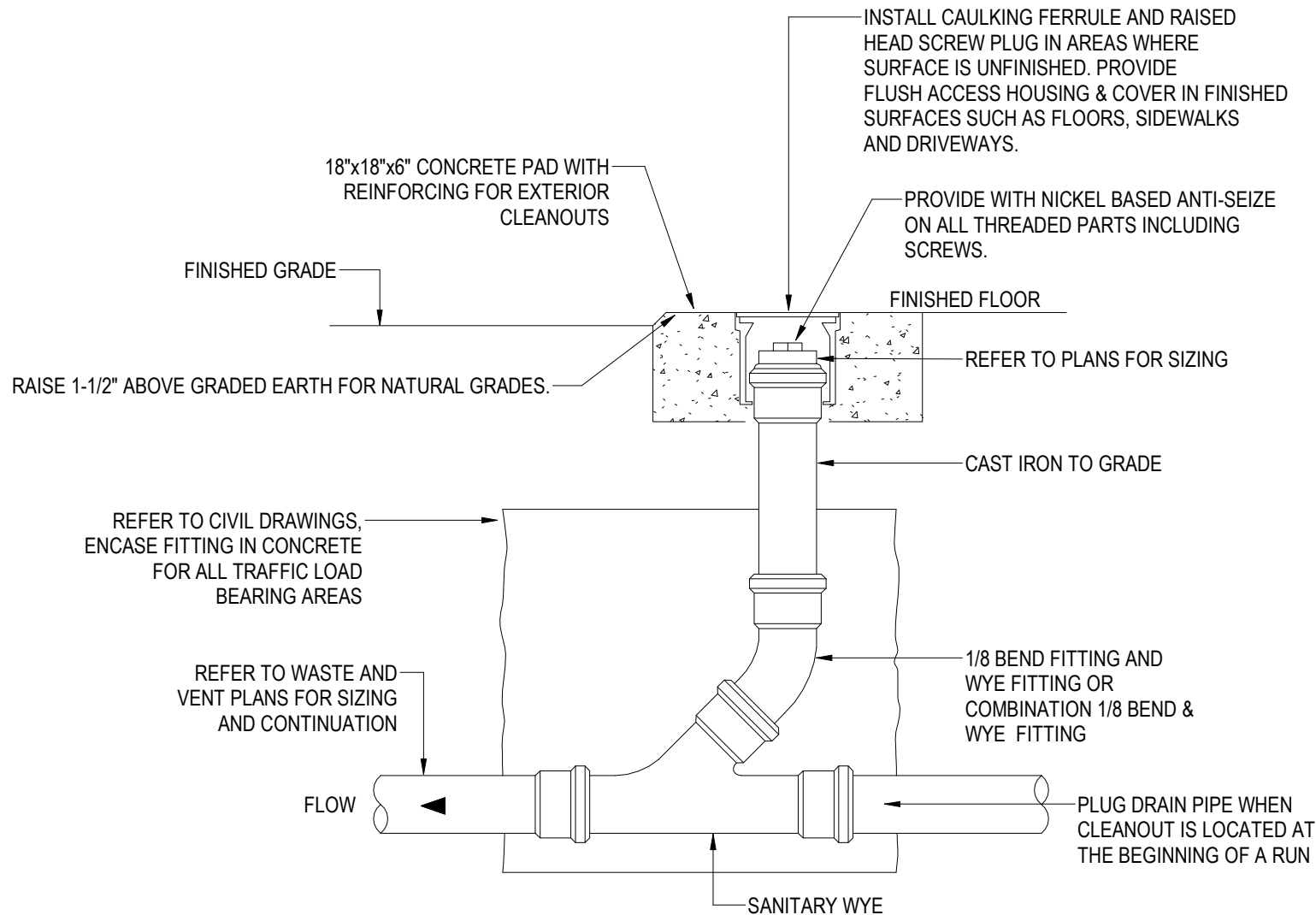
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**PLUMBING SUPPLY
PLAN - LEVEL 01**

SHEET NUMBER

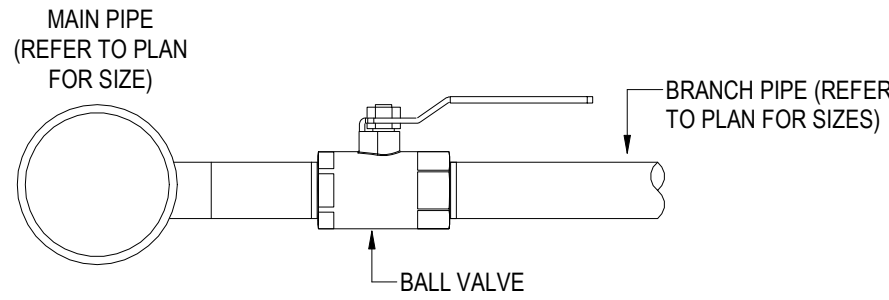
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FLOOR CLEANOUT

NTS

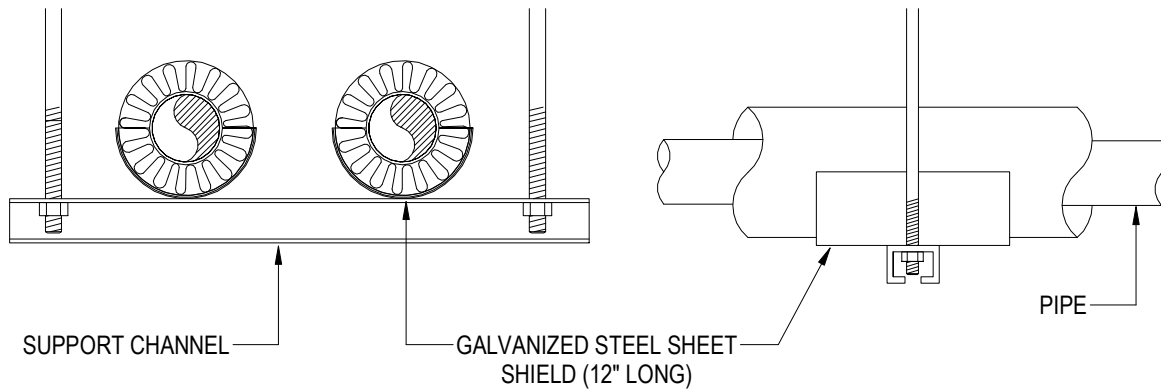
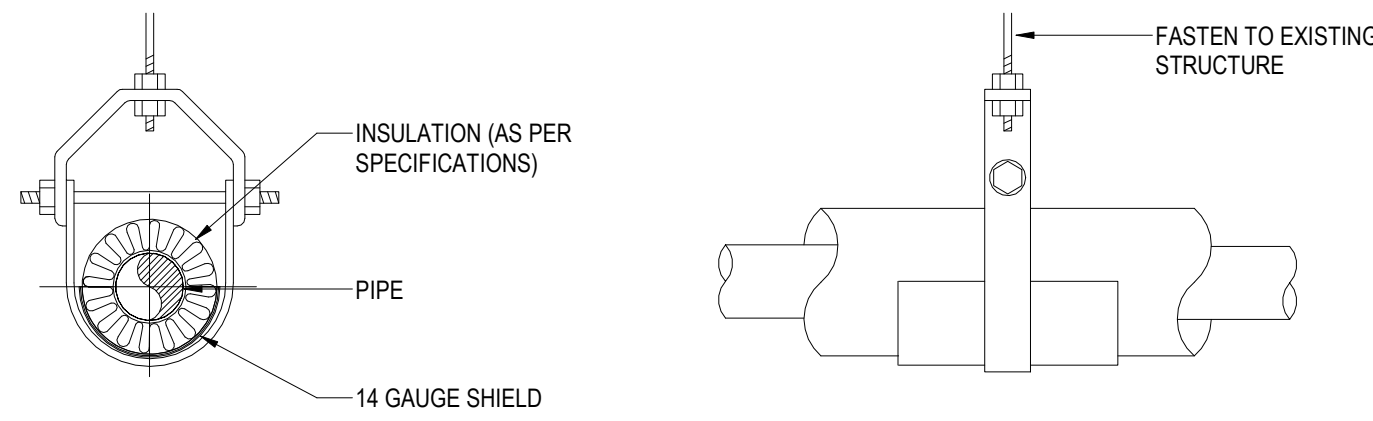


NOTES:

- FURNISH QUARTER TURN BALL VALVES ON ALL DOMESTIC HOT AND COLD WATER BRANCH LINES SERVING FIXTURES.

BRANCH PIPE CONNECTION

NTS

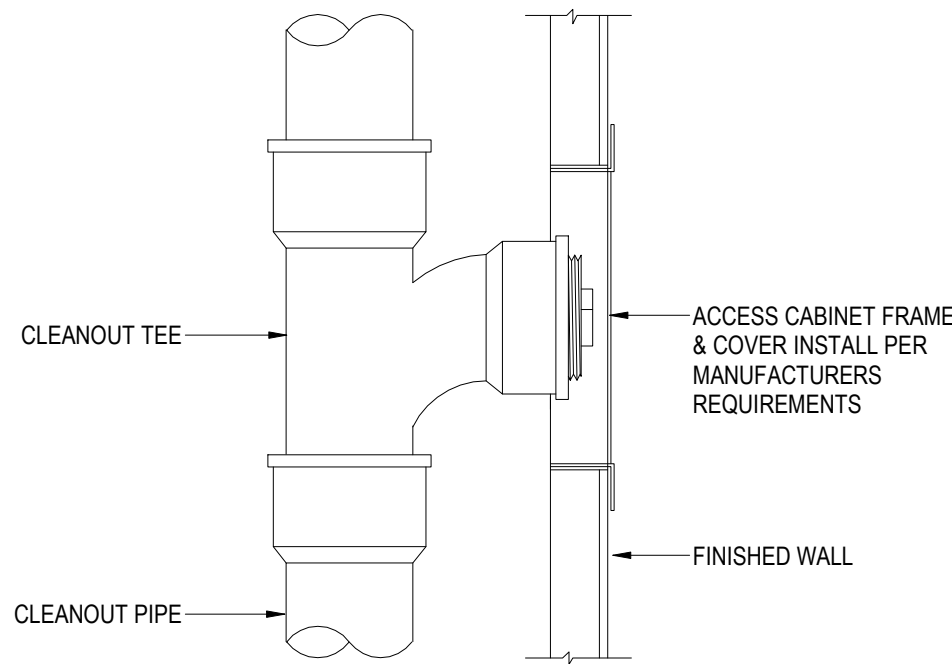


NOTES:

- ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STEEL STRUCTURE.
- VAPOR BARRIER SHALL BE CONTINUOUS AT ALL JOINTS.

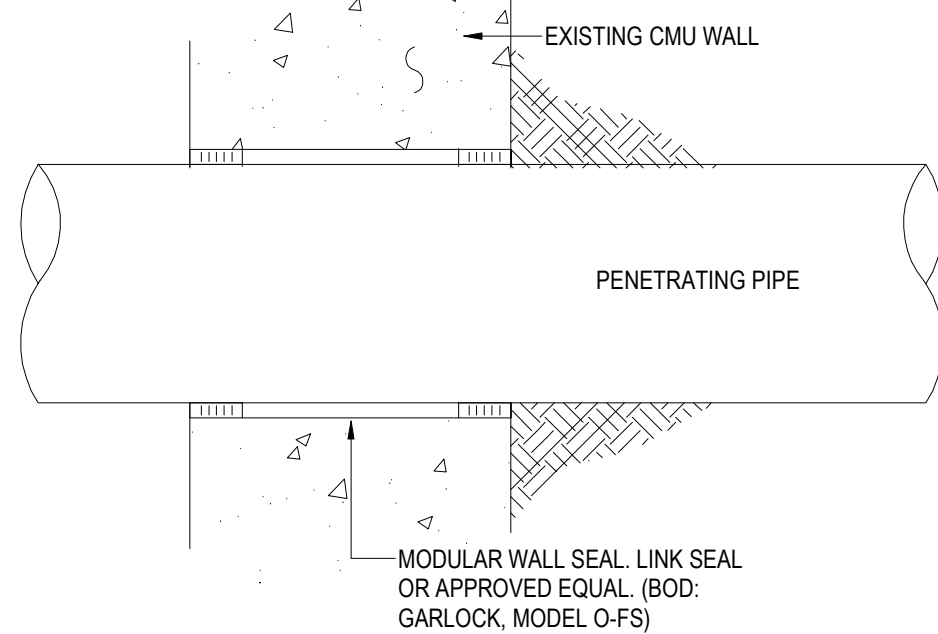
PIPE HANGER SUPPORT

NTS



WALL CLEANOUT

NTS



NOTES:

- REFER TO ARCHITECT FOR FOUNDATION WATERPROOFING.

WALL PIPE PENETRATION

NTS

GENERAL PLUMBING SCHEDULE

MARK	FIXTURE	MAX GPM/GPF	CW	HW/TW	WASTE	VENT	DESCRIPTION
FCO	FLOOR CLEANOUT	-	-	-	*		JOSAM MODEL 55000 CAST IRON FLOOR CLEANOUT.
L-1	LAVATORY UNDERMOUNT (TAS)	0.5	1/2"	1/2"	2"	2"	AMERICAN STANDARD OVAL/VN UNDERCOUNTER SINK. VITREOUS CHINA OVAL SHAPE. EQUIP WITH: CHICAGO FAUCET 785-E3-245, 8" CENTER SPREAD, WITH WATTS MODEL.
S-1	SINGLE SINK	2	1/2"	1/2"	2"	1-1/2"	ELKAY LUSTERTONE CLASSIC STAINLESS STEEL 22" X 22" X 7-5/8". SINGLE BOWL, DROP-IN SINK. MODEL NUMBER LR2222. 3 HOLE DRILLING CONFIGURATION. EQUIP WITH: CHICAGO FAUCET NO. 786-E3 GOOSENECK W/ 2 GPM FLOW CONTROL. SPOUT.
WC-1	WATER CLOSET FLOOR MOUNT, FLUSH VALVE (ADA)	1.28	1"	-	4"	2"	AMERICAN STANDARD AFWALL FLOWISE ADA RETROFIT ELONGATED FLUSHOMETER VITREOUS CHINA TOILET WITH EVER-CLEAN WITH MANUAL AMERICAN STANDARD FLUSHOMETER VALVE. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.
WCO	WALL CLEANOUT	-	-	-	*	-	JOSAM MODEL 58600-CO CAST IRON WALL CLEANOUT.

NOTES:

- THE SCHEDULE ABOVE IS INFORMATIONAL AND IS IN NO WAY INTENDED TO SPECIFY ALL NECESSARY APPURTENANCES FOR THE FIXTURES LISTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE COMPLETE AND OPERATING PLUMBING SYSTEMS.
- PROVIDE AND INSTALL STOPS AT ALL FIXTURES.
- REFER TO NOTE BY SYMBOLS ON DRAWINGS FOR HW/TW CONNECTION TYPE.
- PROVIDE AND INSTALL WALL CLEANOUTS WHERE REQUIRED BY THE IPC.
- COORDINATE FIXTURE COLORS AND FIXTURE FINISHES WITH ARCHITECT PRIOR TO ORDERING.
- FLUSH VALVE LEVERS SHALL BE INSTALLED ON WIDE SIDE OF STALL.
- WHERE REQUIRED, PLUMBING FIXTURES SHALL BE INSTALLED AT A HEIGHT THAT IS CONSISTENT WITH TAS REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF ALL WALL HUNG FIXTURES.
- * FIXTURE SHALL MATCH PIPE SIZE ON PLAN/RISER.
- LOCATE WATER CONNECTIONS TO EQUIPMENT WHERE THEY WILL BE LEAST VISUALLY OBSTRUCTIVE AND WILL NOT REQUIRE SUPPLY LINES TO EQUIPMENT IN LOCATIONS THAT WILL BE VISIBLE IN THE COMPLETED WORK. CONTRACTOR SHALL ENSURE OUTLET SUPPLY BOXES ARE AS CONCEALED AS POSSIBLE.
- COORDINATE HOLE DRILLING CLOSELY WITH ARCHITECT.
- CONTROLS FOR CIRCULATING HOT WATER SYSTEM PUMPS SHALL START THE PUMP BASED ON THE IDENTIFICATION OF A DEMAND FOR HOT WATER WITHIN THE OCCUPANCY. THE CONTROLS SHALL AUTOMATICALLY TURN OFF THE PUMP WHEN THE WATER IN THE CIRCULATION LOOP IS AT A DESIRED TEMPERATURE AND WHEN THERE IS NO DEMAND FOR HOT WATER.
- PITCH ALL DRAINAGE PIPING AT A MINIMUM OF 1/4" PER FOOT FOR 2-1/2" AND SMALLER AND 1/8" PER FOOT FOR 3" AND LARGER, UNLESS NOTED OTHERWISE.

HOT WATER MAXIMUM PIPING LENGTHS

MARK	FIXTURE	HW / TW PIPE SIZE (IN)	MAXIMUM HOT WATER LENGTH FROM HEATING SOURCE (FT)
L-1	LAVATORY	1/2	2
S-1	SINK	1/2	43

NOTES:

- REFER TO 2021 INTERNATIONAL ENERGY CONSERVATION CODE TABLE C404.5.1 FOR MORE INFORMATION. SYSTEM SHALL COMPLY.
- HEATING SOURCE REFERS TO CIRCULATING HOT WATER LOOP, TANK WATER HEATER OR INSTANTANEOUS WATER HEATER.

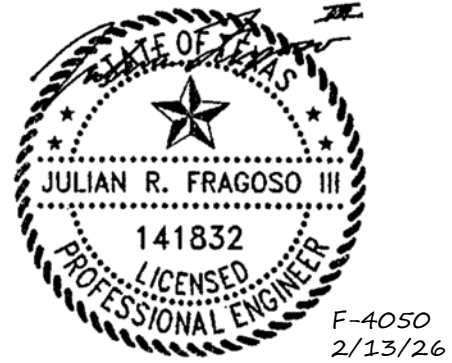
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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	TITLE

PLUMBING DETAILS & SCHEDULES

SHEET NUMBER

P03-01

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DEMOLITION GENERAL NOTES	
1.	VERIFY AND DE-ENERGIZE ALL BRANCH CIRCUITS SERVING EQUIPMENT AND FIXTURES WHICH ARE SCHEDULED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR ACCURACY OF CIRCUITS TO BE DE-ENERGIZED.
2.	LAYOUT SHOWN ON DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO DEPICT EXACT FIELD CONDITIONS. VERIFY ALL ASPECTS OF FIELD CONDITIONS BEFORE BEGINNING WORK.
3.	IT IS THE CONTRACTOR'S RESPONSIBILITY TO RECONNECT ALL WIRING AND DEVICES WHICH ARE DISTURBED DURING DEMOLITION/CONSTRUCTION AT NO ADDITIONAL COST. ALSO REPAIR ANY AREA WHICH IS DAMAGED DURING CONSTRUCTION. MATCH COLOR AND TEXTURE, USE SIMILAR MATERIAL.
4.	NO STRUCTURAL MEMBERS SHALL BE CUT WITHOUT THE APPROVAL OF THE ENGINEER.
5.	DRAWINGS HAVE BEEN CREATED FROM AS-BUILT DOCUMENTS BELONGING TO THE OWNER. THE CONTRACT DOCUMENTS CREATED BY THIS OFFICE ARE DIAGRAMMATIC AND SHOW THE INTENTION OF THIS FACILITY TO RENOVATE AND INSTALL NEW EQUIPMENT AND ASSOCIATED MATERIALS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION PRIOR TO BID.
6.	ANY ELECTRICAL CIRCUITS AND FIRE ALARM EQUIPMENT DISTURBED DURING DEMOLITION SHALL BE RESTORED SERVING EXISTING ITEMS TO REMAIN, EVEN IF NOT INDICATED ON DRAWING.
7.	CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING SPEAKERS, FIRE ALARM COMPONENT AND OTHER ITEMS ON THE CEILING AND WALLS AS REQUIRED TO BE REMOVED. STORE IN APPROVED STORAGE IN ORDER TO BE READY TO REINSTALL AT ORIGINAL LOCATION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO PROVIDE NEW REPLACEMENT FOR ANY ITEM DAMAGED OR LOST.
8.	ALL LIGHT FIXTURES TO REMAIN UNLESS OTHERWISE NOTED.
9.	ALL ELECTRICAL DEVICES SHOWN TO BE REMOVED SHALL INCLUDE ALL ASSOCIATED HARDWARE, CIRCUITS, WIRE AND CONDUITS.
10.	ANY CIRCUITS THAT ARE ABANDONED SHALL BE REMOVED BACK TO THE PANEL BOARD, REFLECT ALL CHANGES ON PANEL SCHEDULE.
11.	CONTRACTOR IS RESPONSIBLE TO REINSTALL, RECONNECT AND MAKE OPERATIONAL ANY ELECTRICAL AND FIRE ALARM EQUIPMENT WHICH WILL BE REMOVED DUE TO CONSTRUCTION.

WIRING DEVICE MOUNTING	
MOUNTING HEIGHTS - UNLESS NOTED OTHERWISE ON PLANS	
SWITCHES	48" AFF TO TOP OF SWITCH
RECEPTACLES	FINISHED AREAS: 18" AFF TO TOP OF RECEPTACLE UNFINISHED AREAS: 48" AFF TO TOP OF RECEPTACLE WATER COOLERS: DIRECTLY BEHIND COOLER ABOVE COUNTER: 6" ABOVE COUNTER OR BACKSPLASH
DATA/TELEPHONE	FINISHED AREAS: 18" AFF TO BOTTOM OF OUTLET UNFINISHED AREAS: 48" AFF TO TOP OF OUTLET ABOVE COUNTER: 6" ABOVE COUNTER OR BACKSPLASH WALL MOUNTED: 48" AFF TO TOP OF OUTLET

FIXTURE MODIFIERS	
X ⚡	X ⚡
X ⚡	X ⚡
X ⚡	X ⚡
X ⚡	X ⚡
X ⚡	X ⚡
32	MOUNT -32" AFF
36	MOUNT -36" AFF
48	MOUNT -48" AFF
60	MOUNT -60" AFF
72	MOUNT -72" AFF
A	MOUNT -6" ABOVE COUNTER TOP
B	MOUNT -6" BELOW COUNTER TOP
C	MOUNT ON CEILING
DF	DRINKING FOUNTAIN RECEPTACLE - MOUNT INSIDE CHASE
DP	TEACHING DISPLAY RECEPTACLE - PROVIDE ISOLATED GROUND NEMA 5-20 RECEPTACLE -42" AFF
DS	DISPOSAL - MOUNT INSIDE CABINET IN SPACE BENEATH SINK. PROVIDE SWITCH TO CONTROL DISPOSAL ON WALL OF UNDER-SINK CABINET. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT ELEVATION.
DW	DISHWASHER - MOUNT INSIDE CABINET IN SPACE BENEATH SINK. PROVIDE 2" DIAMETER HOLE IN WALL BETWEEN UNDER-SINK SPACE AND DISHWASHER SPACE TO FEET DISHWASHER CORD.
E	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER - PROVIDE DEDICATED GFCI RATED NEMA 5-20 RECEPTACLE ON INSIDE PLUMBING CHASE BEHIND FOUNTAIN. PROVIDE REMOTE TEST BUTTON.
IG	ISOLATED GROUND
IM	ICE MAKER - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT ELEVATION
IT	TECHNOLOGY RACK RECEPTACLE - PROVIDE DEDICATED NEMA 15-20R RECEPTACLE WITH ISOLATED GROUND, MOUNTED ON LADDER RACK ABOVE IT RACK.
KN	KILN RECEPTACLE - PROVIDE NEMA 6-50R RECEPTACLE
M	MICROWAVE - MOUNT -6" ABOVE COUNTER TOP
N62	NEMA 6-20 RECEPTACLE
N63	NEMA 6-30 RECEPTACLE
N145	NEMA 14-50 RECEPTACLE
N155	NEMA 15-50 RECEPTACLE
OS	CONTROLLED RECEPTACLE. CONNECT TO ROOM OCCUPANCY SENSOR PER ASHRAE 90.1/IECC2021. SEE CONTROLLED RECEPTACLE DETAILS.
PR	POWER REEL - MOUNT AT CEILING. PROVIDE AND INSTALL NEMA 5-20R RECEPTACLE AND OVERHEAD REEL BASIS OF DESIGN - HBL035123GF220.
R	RELOCATE EXISTING ITEM
RE	RANGE ELECTRIC - PROVIDE GFCI RATED NEMA 14-60R RECEPTACLE AND DEDICATED 50A GFCI RATED BREAKER
RG	RANGE GAS - PROVIDE GFCI RATED NEMA 5-15R RECEPTACLE AND DEDICATED 20A BREAKER
RU	REFRIGERATOR - MOUNT UNDER COUNTER
TO	TEACHER'S DESK RECEPTACLE - PROVIDE ISOLATED GROUND QUADPLEX RECEPTACLE -18" AFF
TP	TAMPER PROOF
TV	TV - MOUNT -72" AFF UNLESS NOTED OTHERWISE. PROVIDE RECESSED RECEPTACLE WITH ISOLATED GROUND EQUAL TO LEGRAND PACS25F BACKBOX.
WP	WEATHERPROOF - PROVIDE WEATHERPROOF PROTECTIVE BOX
NOTES:	NOT ALL OF THE RECEPTACLE TYPES ON THIS LIST ARE USED IN THIS PROJECT.

ABBREVIATIONS			
A	AMPERE(S)	LTFC	LIQUID-TIGHT FLEXIBLE METAL CONDUIT
AC	ALTERNATING CURRENT	LTG	LIGHTING
ACT	ABOVE COUNTER TOP	MAX	MAXIMUM
ADA	AMERICANS WITH DISABILITIES ACT	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
AHU	AIR HANDLING UNIT	MCP	MOTOR CIRCUIT PROTECTOR
AIC	AMPERE INTERRUPTING CAPACITY (SYMMETRICAL ROOT MEAN SQUARE)	MIN	MINIMUM
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE	MLO	MAIN LUGS ONLY
AWG	AMERICAN WIRE GAGE	MTD	MOUNTED
BFC	BELOW FINISHED CEILING	MTG	MOUNTING
BLDG	BUILDING	N	NEUTRAL
C	CONDUIT	NC	NORMALLY CLOSED
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
CLG	CEILING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
DWG	DRAWING	NF	NON-FUSED OR NON-FUSIBLE
ECB	ENCLOSED CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
EF	EXHAUST FAN	NFSS	NON-FUSIBLE SAFETY SWITCH
EGS	ENGINE-GENERATOR SET	NL	NIGHT LIGHT
EMERG	EMERGENCY	NO	NORMALLY OPEN
EMT	ELECTRICAL METALLIC TUBING	NTS	NOT TO SCALE
EQUIP	EQUIPMENT	P	POLE(S)
EWC	ELECTRIC WATER COOLER	PA	PUBLIC ADDRESS
F	EXISTING	PH	PHASE
EX	FUSE OR FUSIBLE	PMBD	PANELBOARD
FAAP	FIRE ALARM ANNUNCIATOR PANEL	PVC	POLYVINYL CHLORIDE
FACP	FIRE ALARM PANEL	PWR	POWER
FLA	FULL LOAD CURRENT	REC	RECEPTACLE(S)
FMC	FLEXIBLE METAL CONDUIT	REQD	REQUIRED
FSS	FUSIBLE SAFETY SWITCH	RGS	RIGID GALVANIZED STEEL
FT	FOOT OR FEET	RTU	ROOF TOP UNIT
FVNR	FULL-VOLTAGE, NON-REVERSING	RVS	REDUCED VOLTAGE, SOLID-STATE
FVR	FULL-VOLTAGE, REVERSING	SW	SWITCH
G, GND	GROUND	SWBD	SWITCHBOARD
GFI	GROUND FAULT INTERRUPTER	SWGR	SWITCHGEAR
GFP	GROUND FAULT CIRCUIT PROTECTION	TAS	TEXAS ACCESSIBILITY STANDARDS
HOA	HAND-OFF-AUTOMATIC	TYP	TYPICAL
HP	HORSEPOWER	UG	UNDERGROUND
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	UH	UNIT HEATER
IG	ISOLATED GROUND	UL	UL SOLUTIONS
UNO	UNLESS NOTED OTHERWISE	UPS	UNINTERRUPTIBLE POWER SUPPLY
KCMIL	THOUSANDS OF CIRCULAR MILS	V	VOLT(S) OR VOLTAGE
KV	KILOVOLTS	VA	VOLT-AMPERE(S)
KVA	KILOVOLT-AMPERE(S)	VFD	VARIABLE FREQUENCY DRIVE
KVAR	KILOVOLT-AMPERE(S) REACTIVE	W	WATT(S) OR WATTAGE
KW	KILOWATT(S)	WI	WITH
LSI	LONG-TIME, SHORT-TIME-INSTANTANEOUS	WO	WITHOUT
LSIG	LONG-TIME, SHORT-TIME-INSTANTANEOUS, GROUND FAULT	WP	WEATHERPROOF
		XFMR	TRANSFORMER

ELECTRICAL GENERAL NOTES	
1.	ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR. WIRING, EQUIPMENT, DEVICES, AND INSTALLATIONS SHALL CONFORM TO APPLICABLE LOCAL, STATE, AND FEDERAL CODES.
2.	PROVIDE WIRING, CONDUIT, LABOR, AND MATERIALS NECESSARY FOR COMPLETE AND PROPER OPERATION OF ELECTRICAL SYSTEMS, EVEN WHEN NOT SHOWN EXPLICITLY ON DOCUMENTS.
3.	PAY FEES AND PERMITS AS NECESSARY TO COMPLETE PROJECT. PROVIDE LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO ENSURE COMPLETE WORKING SYSTEMS.
4.	ELECTRICAL WORK SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF NFPA 70 (NATIONAL ELECTRICAL CODE), NFPA 70B, NFPA 70E, IECC, ASHRAE 90.1, OSHA, AND OTHER REFERENCES REQUIRED BY CONTRACT.
5.	INSTALLATION OF SWITCHES, OUTLETS AND CONTROL DEVICES SHALL COMPLY WITH LOCAL CODES, AMERICANS WITH DISABILITIES ACT, AND TEXAS ACCESSIBILITY STANDARDS.
6.	REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT. PROVIDE LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO MECHANICAL AND PLUMBING EQUIPMENT.
7.	ELECTRICAL EQUIPMENT, DEVICES, AND CIRCUITS SHALL CONTAIN EQUIPMENT GROUNDING CONDUCTOR. RACEWAY SYSTEM SHALL NOT BE USED AS SOLE GROUNDING PATH. GROUNDING SHALL BE IN COMPLIANCE WITH ARTICLE 250 OF NATIONAL ELECTRICAL CODE.
8.	PANELBOARDS, TRANSFORMERS, SAFETY SWITCHES AND OTHER ELECTRICAL DEVICES AND EQUIPMENT SHALL HAVE ENGRAVED NAMEPLATES INDICATING EQUIPMENT IDENTIFICATION TAG, VOLTAGE, AND WHERE ITEM IS FED FROM. SWITCHBOARDS AND PANELBOARDS SHALL HAVE TYPED DIRECTORIES INDICATING FEEDER AND BRANCH CIRCUIT FEEDERS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9.	PROVIDE CLEARANCES, DEDICATED ELECTRICAL SPACES, AND WORKING SPACES AROUND AND ABOVE ELECTRICAL EQUIPMENT AND DEVICES AS REQUIRED BY NATIONAL ELECTRICAL CODE.
10.	AMPERE INTERRUPTING CAPACITY OF ELECTRICAL ITEMS SHALL BE GREATER THAN MAXIMUM AVAILABLE SHORT CIRCUIT CURRENT. PROVIDE NAMEPLATE ON SERVICE EQUIPMENT INDICATING CALCULATED AVAILABLE FAULT CURRENT AND DATE OF CALCULATION PER NEC 110.24.
11.	FLEXIBLE CONDUIT SHALL BE USED ONLY FOR FINAL CONNECTION TO LIGHTING FIXTURES AND VIBRATING EQUIPMENT (MAXIMUM LENGTH 72 INCHES).
12.	ELECTRICAL WIRING SHALL BE INSTALLED IN RACEWAY, WIREWAY, OR OTHER PROTECTIVE COVER AS REQUIRED PER NATIONAL ELECTRICAL CODE.
13.	CONDUCTORS IN UNINSULATED CEILING SPACE AND OUTDOORS SHALL BE DERATED USING 122-DEGREE FAHRENHEIT TEMPERATURE. REVISE CONDUCTOR SIZES BASED ON CONDUIT RATING.
14.	OUTDOOR EQUIPMENT SHALL BE WEATHER PROTECTED. NEMA 3R, UNLESS OTHERWISE INDICATED.
15.	PROVIDE FIRE PROOFING FOR PIPES OR CONDUITS THAT PENETRATE THROUGH FIRE/SMOKE RATED FLOORS, WALLS, CEILINGS, ROOFS, OR RUNS INSIDE CHASES. FIRE PROOFING METHODS AND MATERIALS SHALL BE AS REQUIRED TO MAINTAIN FIRE/SMOKE RATING OF PARTITION.
16.	IF PROTECTIVE DEVICE RATING IS MARKED ON APPLIANCE OR EQUIPMENT, BRANCH-CIRCUIT OVERCURRENT DEVICE RATING SHALL NOT EXCEED THIS RATING.
17.	SWITCHES SHALL BE MINIMUM 3 INCHES FROM DOOR TRIM WHEN LOCATED AT ENTRANCE TO ROOMS. OCCUPANCY SENSORS SHALL BE PASSIVE INFRARED AND ULTRASONIC TECHNOLOGY.
18.	COORDINATE WITH OTHER DISCIPLINES DRAWINGS AND SPECIFICATIONS.
19.	SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON DRAWINGS. SHOULD THERE BE DOUBT REGARDING MEANING OR INTENT OF SYMBOLS USED, INTERPRETATION SHALL BE OBTAINED FROM ARCHITECT OR ENGINEER IN WRITING.
20.	WHERE CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF DOCUMENTS, GREATER QUANTITY, BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS OTHERWISE APPROVED IN WRITING BY ARCHITECT OR ENGINEER.
21.	EMPTY CONDUITS SHALL CONTAIN NYLON PULL STRNG FOR FUTURE CONDUCTOR PULLS.
22.	FLOOR BOXES SHOWN ON PLANS ARE DIAGRAMMATIC. COORDINATE EXACT LOCATIONS WITH OWNER AND ARCHITECT BEFORE INSTALLATION. AVOID STRUCTURAL ELEMENTS AND OTHER SYSTEMS.
23.	PROVIDE CONDUIT EXPANSION FITTINGS WHERE CONDUIT RUNS CROSS BUILDING EXPANSION JOINTS. REFER TO ARCHITECTURAL AND STRUCTURAL DOCUMENTS FOR EXPANSION JOINT LOCATIONS.
24.	CIRCUIT BREAKER PANELBOARDS RATED 400A AND BELOW AND HAVING MORE THAN 10 PERCENT OF THEIR BREAKERS PROTECTING LIGHTING AND APPLIANCE BRANCH CIRCUITS SHALL BE FILLED WITH 1920A SPARE BREAKERS, EVEN IF NOT INDICATED IN PANELBOARD SCHEDULES.
25.	UNLESS OTHERWISE NOTED, CONCEALED AND EXPOSED EXTERIOR RACEWAY SHALL BE RIGID METAL CONDUIT, UNDERGROUND RACEWAY SHALL BE SCHEDULE-40 RIGID POLYVINYL CHLORIDE CONDUIT, AND EXTERIOR CONNECTION TO VIBRATING EQUIPMENT SHALL BE LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT.
26.	UNLESS OTHERWISE NOTED, CONCEALED AND EXPOSED INTERIOR RACEWAY SHALL BE ELECTRICAL METALLIC TUBING; EXPOSED INTERIOR RACEWAY IN LOADING DOCK AREAS AND IN AREAS USED FOR TRAFFIC OF MECHANIZED CARTS, FORK-LIFTS, AND PALLET-HANDLING UNITS AND IN MECHANICAL ROOMS AND IN GYMNASIUMS SHALL BE RIGID METAL CONDUIT; INTERIOR RACEWAY CONNECTION TO VIBRATING EQUIPMENT SHALL BE FLEXIBLE METALLIC CONDUIT; INTERIOR RACEWAY IN DAMP OR WET LOCATIONS SHALL BE RIGID METAL CONDUIT; AND INTERIOR RACEWAY CONNECTION TO VIBRATING EQUIPMENT IN DAMP OR WET LOCATIONS SHALL BE LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT.
27.	MINIMUM RACEWAY SIZE SHALL BE 3/4-INCH.
28.	RACEWAY RUNS SHALL BE CONSOLIDATED AND INSTALLED TIGHT TO STRUCTURE WHERE POSSIBLE.
29.	FOR UNDERGROUND ELECTRICAL RUNS OR CUI WALLS, CREATE SHOP DRAWINGS SHOWING CONDUIT PATHWAYS BEFORE CONSTRUCTION. NO SURFACE MOUNTED CONDUIT WILL BE PERMITTED ON CMU UNLESS APPROVED BY ARCHITECT OR ENGINEER.
30.	COORDINATE WITH LOW VOLTAGE CONTRACTOR FOR EXACT LOW VOLTAGE RACEWAY REQUIREMENTS.
31.	BID EQUIPMENT IN SCHEDULES AS BASIS OF DESIGN. ALTERNATE EQUIPMENT BY ACCEPTABLE MANUFACTURERS MEETING PERFORMANCE REQUIREMENTS MAY BE REVIEWED BY DESIGN TEAM AND OWNER.
32.	IN THESE DOCUMENTS, "FURNISH" SHALL MEAN TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION AND SIMILAR OPERATIONS. "INSTALL" SHALL MEAN TO UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT THE PROJECT SITE. "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
33.	BRANCH CIRCUITS SHALL BE 2#12, 1#12G, 3/4" UNLESS NOTED OTHERWISE (U.N.O.).
34.	ALL NEW RECEPTACLES TO BE HOSPITAL GRADE AND TAMPER RESISTANT.
35.	ALL CIRCUITS IN PATIENT CARE AREAS TO BE PROVIDED WITH REDUNDANT GROUND PATH COMPLIANT WITH NEC 513.17.
36.	UNT REQUIREMENT: INDEPENDENTLY SUPPORT ALL EQUIPMENT, CONDUITS, PIPING, ETC. FROM BUILDING STRUCTURE. ALL TRAPEZE AND/OR HANGER SUPPORTS TO BE PROVIDED WITH DOUBLE NUT OR LOCK NUT WITH FLAT WASHER.

LOW VOLTAGE BACKBOX AND RACEWAY SCHEDULE																
SYMBOL	DESCRIPTION	PORT NUMBER - CABLE ASSIGNMENTS						POWER	LOW VOLTAGE PATHWAY FEED	NOTES	DEVICE BOX/ RING	NOTES	MOUNTING	NOTES	FACEPLATE/ OUTLET	NOTES
		#1	#2	#3	#4	#5	#6									
	2-PORT DATA DROP	'A'	'A'					NO	(1) 1" CONDUIT	1	4X4X2-7/8 1-GANG	2, 3	WALL, FLUSH UNO	4	2-PORT	
	1-PORT DATA DROP	'A'						NO	(1) 3/4" CONDUIT	1	4X4X2-7/8 1-GANG	2, 3	WALL, FLUSH UNO	4	2-PORT	
	AV DISPLAY	'A'	'A'	'B'	'B'			YES	DATA, (1) 1" CONDUIT	1	PAC 525F	3	RECESSED 72" AFF UNO	4	4-PORT	5

CABLE SERVICE TYPES, AND TERMINATIONS																
DESCRIPTOR	CABLE TYPE	NEC	TERMINATION TYPE AT EQUIPMENT ROOM				DESCRIPTION									
'A'	UTP CAT6	CMP	HORIZONTAL DATA FIELD - ONTO RACK MOUNTED MODULAR PATCH PANELS													
'B'	BLANK						BLANK INSERT AT UNUSED PORT									

NOTES:

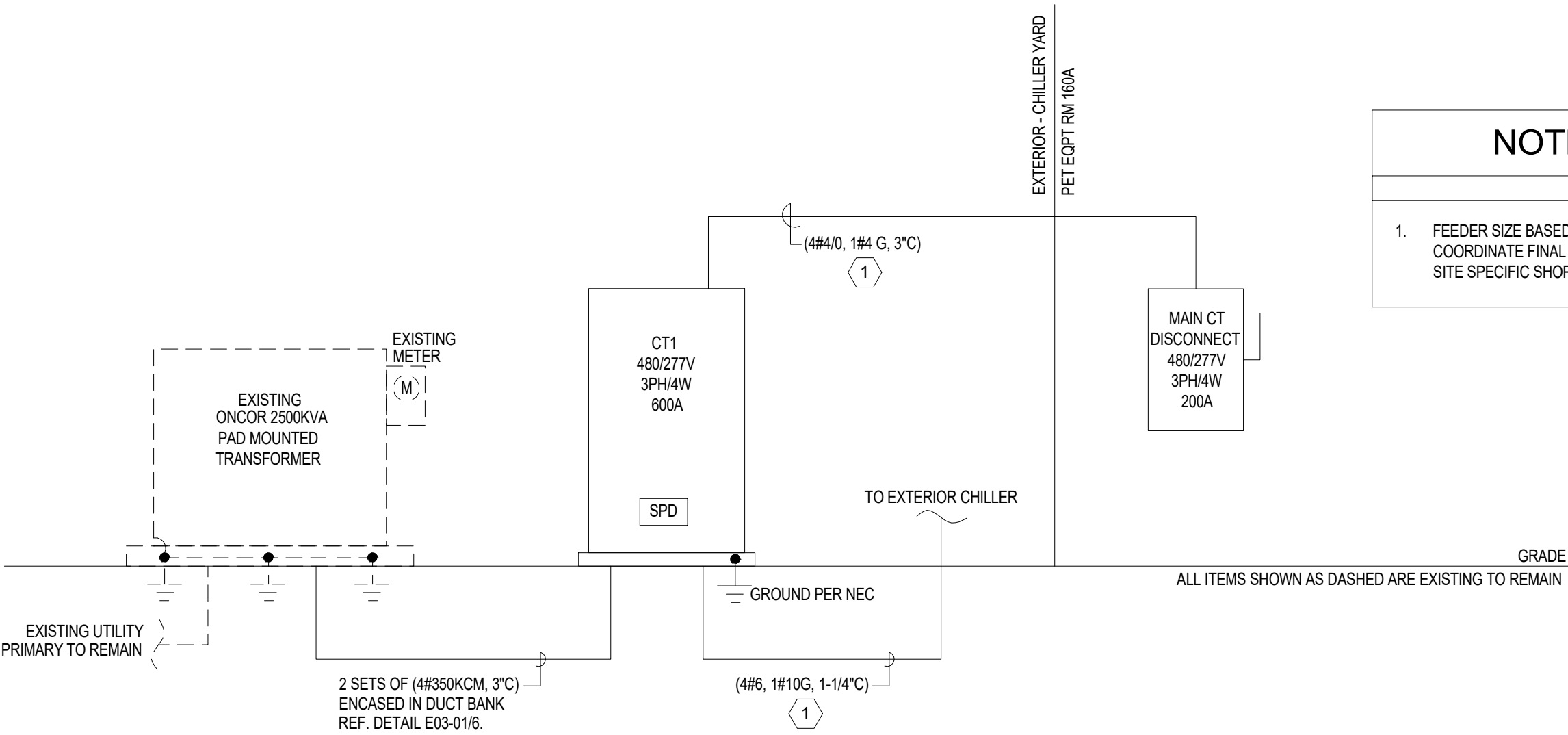
1. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT STUB WITH GROMMET FROM ACCESSIBLE CEILING DOWN WALL TO DEVICE BOX WITH PULL STRING.

2. PROVIDE BACK BOX FOR ALL WORK AREA OUTLETS.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE DEVICE BOX, RING, AND CONDUIT.

4. DEVICE HEIGHTS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. ARCHITECTURAL ELEVATIONS SUPERSEDE HEIGHTS SHOWN HERE.

5. DEVICE SHARED WITH AUDIO VISUAL. REFER TO AUDIO VISUAL SPECS AND DRAWINGS FOR ADDITIONAL INFORMATION.



NOTES BY SYMBOL: (#)	
1.	FEEDER SIZE BASED ON SHOP DRAWING INFORMATION FROM SIEMENS. COORDINATE FINAL FEEDER AND BREAKER SIZES WITH SIEMENS FINAL SITE SPECIFIC SHOP DRAWINGS PRIOR TO ORDERING AND INSTALLATION.

1 ELECTRICAL ONE-LINE

NTS

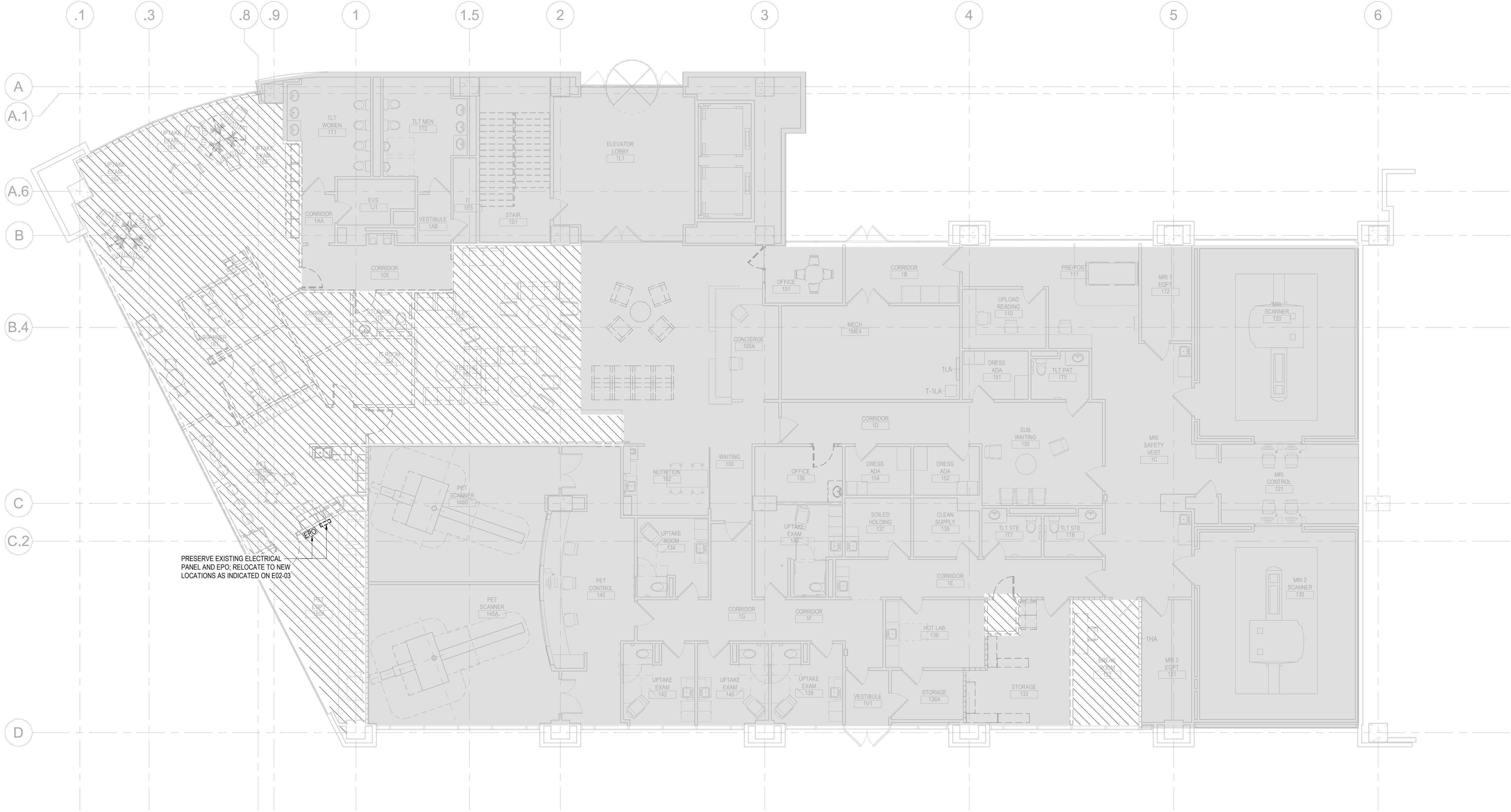
ELECTRICAL LEGEND	
LIGHT FIXTURES	POWER DEVICES
ILLUMINATED EXIT SIGN 12" SQUARE, 120V, 10W (MINIMUM)	JUNCTION BOX
LINEAR RECESSED LIGHT 2' X 4' LAY-IN FIXTURE 12" SQUARE, 120V, 10W (MINIMUM)	DISCONNECT SAFETY SWITCH
2X4 LAY-IN FIXTURE 12" SQUARE, 120V, 10W (MINIMUM)	SURGE PROTECTIVE DEVICE
2X2 LAY-IN FIXTURE 12" SQUARE, 120V, 10W (MINIMUM)	PANELBOARDS / TRANSFORMERS
DOWNLIGHT FIXTURE 12" SQUARE, 120V, 10W (MINIMUM)	PANELBOARD
LIGHTING CONTROL DEVICES	TRANSFORMER
SINGLE WAY SWITCH	RECEPTACLES
THREE WAY SWITCH	DUPLX RECEPTACLE
DIMMER SWITCH	QUADPLEX RECEPTACLE
OCCUPANCY SENSING SWITCH	SPECIAL RATE RECEPTACLE
CEILING OCCUPANCY SENSOR	G.F.I. RECEPTACLE
WALL OCCUPANCY SENSOR	ELECTRICAL WIRING
PHOTOCELL	BRANCH CIRCUIT WIRING REFER TO AS-BUILT INFORMATION
SECURITY	CIRCUIT HOME RUN 12" TRUNK, 120V, 10W (MINIMUM)
CAMERA CEILING MOUNTED	FIRE ALARM
CARD READER REFER TO DETAILS	CEILING HORN/STROBE
DOOR RELEASE DASHED LINE INDICATES WHICH DOOR IS RELEASED	CEILING HORN ONLY
NURSE CALL PULL CORD	
AUDIO VISUAL	
CEILING MOUNTED AV SPEAKER	

VOLTAGE DROP ADJUSTMENTS	
CIRCUIT LENGTH LESS THAN OR EQUAL TO 60 FEET: 2#12, 1#12G, 3/4"	
CIRCUIT LENGTH GREATER THAN 60 FEET AND LESS THAN OR EQUAL TO 105 FEET: 2#16, 1#16G, 3/4"	
CIRCUIT LENGTH GREATER THAN 105 FEET AND LESS THAN OR EQUAL TO 160 FEET: 2#6, 1#6G, 3/4"	
CIRCUIT LENGTH GREATER THAN 160 FEET AND LESS THAN OR EQUAL TO 245 FEET: 2#6, 1#6G, 3/4"	
FOR 277V/20A BRANCH CIRCUITS	
CIRCUIT LENGTH LESS THAN OR EQUAL TO 145 FEET: 2#12, 1#12G, 3/4"	
CIRCUIT LENGTH GREATER THAN 145 FEET AND LESS THAN OR EQUAL TO 245 FEET: 2#16, 1#16G, 3/4"	
CIRCUIT LENGTH GREATER THAN 245 FEET AND LESS THAN OR EQUAL TO 370 FEET: 2#6, 1#6G, 3/4"	
CIRCUIT LENGTH GREATER THAN 370 FEET AND LESS THAN OR EQUAL TO 570 FEET: 2#6, 1#6G, 3/4"	
NOTE: PROVIDE ADAPTOR AT CONNECTION POINT TO CONVERT WIRE SIZE AS REQUIRED TO MAKE TERMINATION AT DEVICE OR EQUIPMENT.	

FIRE ALARM GENERAL NOTES

1. LAYOUT SHOWN ON FIRE ALARM SHEETS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO DEPICT EXACT FIELD CONDITIONS. VERIFY ALL ASPECTS OF FIELD CONDITIONS BEFORE BEGINNING WORK.
2. ALL SPEAKER STROBES / STROBES WILL BE SYNCHRONIZED.
3. INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE ELECTRICAL CODES, LOCAL, STATE AND FEDERAL FIRE ALARM CODE AND AUTHORITIES HAVING JURISDICTION.
4. WIRING METHODS AND MATERIALS SHALL CONFORM WITH ALL APPLICABLE SECTIONS OF NEC ARTICLE 760.
5. 120 VAC @60 HZ INPUT POWER FOR FIRE ALARM CONTROLS SHALL BE A DEDICATED LOCKING BREAKER PROPERLY LABELED SOURCE.
6. ALL WIRING INCLUDING SHIELDING, MUST BE DRY AND FREE OF SHORTS AND GROUND FAULTS.
7. 120 VAC IS NOT PERMITTED IN SAME CONDUIT WITH LOW VOLTAGE WIRING.
8. SPEAKER STROBES / STROBES SHALL BE MOUNTED AS SHOWN ON THE DRAWING.
9. ANY SMOKE DETECTOR HEAD INSTALLED BEFORE BUILDING IS CLEANED AND ACCEPTED SHALL BE COVERED TO PROTECT FROM DUST AND ANY FALSE ALARMS DUE TO DIRT. CONTAMINATED HEADS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. THERE WILL BE NO CONDUIT ENTRY ALLOWED 18 INCHES OR LOWER ON THE SIDE PANELS OR THROUGH THE BOTTOM OF ALL CONTROL EQUIPMENT BACKBOXES.
11. MANUAL PULL STATIONS SHALL BE MOUNTED AT 48 INCHES ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE.
12. UNT SYSTEM AHU OR DELEGATE SHALL WITNESS FINAL TEST.
13. ALL INITIATING CIRCUITS SHALL BE CLASS "A" WITH 6 FOOT SEPARATION. POWER LIMITED.
14. ALL NOTIFICATION CIRCUITS SHALL BE CLASS "B", POWER LIMITED.
15. DUCT SMOKE DETECTORS WILL BE INSTALLED AND POWERED BY CONTRACTOR.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THIS JOB. ALSO PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSURE A COMPLETE WORKING SYSTEM APPROVED BY THE UNT SYSTEM AHU OR DELEGATE.
17. CONTRACTOR SHALL PROVIDE ANY ITEMS REQUIRED BY AUTHORITIES HAVING JURISDICTION THAT IS NOT SHOWN ON DRAWING AT NO EXTRA COST TO THE OWNER.
18. ANY ELECTRONIC LOCK OR ACCESS CONTROLLED DOORS SHALL RELEASE LOCK UPON FIRE ALARM ACTIVATION.
19. FIRE ALARM SHOP DRAWINGS BY LICENSED FIRE ALARM DESIGNER TO BE PROVIDED TO DESIGN TEAM AND AHU FOR REVIEW AND APPROVAL.
20. ALL NEW FIRE ALARM DEVICES TO TIE INTO EXISTING BUILDING FIRE ALARM SYSTEM. EXISTING FIRE ALARM SYSTEM IS NOTIFIER.
21. UNT REQUIREMENT. INDEPENDENTLY SUPPORT ALL EQUIPMENT, CONDUITS, PIPING, ETC. FROM BUILDING STRUCTURE. ALL TRAPEZE AND/OR HANGER SUPPORTS TO BE PROVIDED WITH DOUBLE NUT OR LOCK NUT WITH FLAT WASHER.

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1 LEVEL 1 - ELECTRICAL DEMO PLAN
1/8" = 1'-0"

HATCHED AREA INDICATES THE SCOPES OF THE DEMOLITION AREA. WITHIN THE DEMOLITION AREA DEMOLISH ALL ELECTRICAL, DATA, AND LIGHTING CONTROL DEVICES. ELECTRICAL DEVICES TO BE DEMOED TO NEAREST ABOVE CEILING JUNCTION BOX AND EXISTING CIRCUITS TO BE CAPTURED AND REUSED FOR NEW WORK. ANY ELECTRICAL CIRCUIT NOT REUSED IS TO BE DEMOLISHED BACK TO SOURCE INCLUDING WIRE AND CONDUIT. ALL DATA DEVICES TO BE DEMOLISHED BACK TO SOURCE. CONTRACTOR TO DEMOLISH DATA BOXES, PATHWAYS, AND DATA CABLING. LIGHT FIXTURES AND LIGHTING CONTROLS TO BE DEMOLISHED. EXISTING 277V LIGHTING CIRCUITS TO REMAIN AND BE REUSED FOR NEW LED LIGHT FIXTURES. EXISTING FIRE ALARM DEVICES TO REMAIN AND BE REUSED FOR NEW LAYOUT PER APPROVED NEW FIRE ALARM DESIGN. ALL EXISTING ELECTRICAL PANELS TO REMAIN AND BE REUSED FOR NEW ELECTRICAL CIRCUITS. ALL EXISTING FPB CIRCUITS TO REMAIN. FOR FPBS THAT ARE TO BE RELOCATED, EXTEND EXISTING CIRCUITS TO NEW LOCATION. COORDINATE WITH MECHANICAL PLAN.

PLAN NOTES

1. VERIFY AND DE-ENERGIZE ALL BRANCH CIRCUITS SERVING EQUIPMENT AND FIXTURES WHICH ARE SCHEDULED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR ACCURACY OF CIRCUITS TO BE DE-ENERGIZED.
2. LAYOUT SHOWN ON DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO DEPICT EXACT FIELD CONDITIONS. VERIFY ALL ASPECTS OF FIELD CONDITIONS BEFORE BEGINNING WORK.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RECONNECT ALL WIRING AND DEVICES WHICH ARE DISTURBED DURING DEMOLITION/CONSTRUCTION AT NO ADDITIONAL COST. ALSO REPAIR ANY AREA WHICH IS DAMAGED DURING CONSTRUCTION. MATCH COLOR AND TEXTURE. USE SIMILAR MATERIAL.
4. NO STRUCTURAL MEMBERS SHALL BE CUT WITHOUT THE APPROVAL OF THE ENGINEER.
5. DRAWINGS HAVE BEEN CREATED FROM AS-BUILT DOCUMENTS BELONGING TO THE OWNER. THE CONTRACT DOCUMENTS CREATED BY THIS OFFICE ARE DIAGRAMMATIC AND SHOW THE INTENTION OF THIS FACILITY TO RENOVATE AND INSTALL NEW EQUIPMENT AND ASSOCIATED MATERIALS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION PRIOR TO BID.
6. ANY ELECTRICAL CIRCUITS AND FIRE ALARM EQUIPMENT DISTURBED DURING DEMOLITION SHALL BE RESTORED SERVING EXISTING ITEMS TO REMAIN, EVEN IF NOT INDICATED ON DRAWING.
7. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING SPEAKERS, FIRE ALARM COMPONENTS AND OTHER ITEMS ON THE CEILING AND WALLS AS REQUIRED TO BE REMOVED. STORE IN APPROVED STORAGE IN ORDER TO BE READY TO REINSTALL AT ORIGINAL LOCATION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO PROVIDE NEW REPLACEMENT FOR ANY ITEM DAMAGED OR LOST.
8. ALL LIGHT FIXTURES TO REMAIN UNLESS OTHERWISE NOTED. DEMOLISHED LIGHT FIXTURES MAY BE RELOCATED AND REUSED FOR NEW LAYOUT, REF. E02.02.
9. ALL ELECTRICAL DEVICES SHOWN TO BE REMOVED SHALL INCLUDE ALL ASSOCIATED HARDWARE, CIRCUITS, WIRE AND CONDUITS.
10. ANY CIRCUITS THAT ARE ABANDONED SHALL BE REMOVED BACK TO THE PANEL BOARD, REFLECT ALL CHANGES ON PANEL SCHEDULE.
11. CONTRACTOR IS RESPONSIBLE TO REINSTALL, RECONNECT AND MAKE OPERATIONAL ANY ELECTRICAL AND FIRE ALARM EQUIPMENT WHICH WILL BE REMOVED DUE TO CONSTRUCTION.
12. CONTRACTOR TO PROVIDE FIRE ALARM SHOP DRAWINGS FROM LICENSED FIRE ALARM DESIGNER FOR PROJECT SPACE. ALL NEW FIRE ALARM COMPONENTS TO MATCH AND TIE INTO EXISTING BUILDING FIRE ALARM SYSTEM.
13. ALL NURSE CALL COMPONENTS ARE EXISTING TO REMAIN.

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02/13/2025

PROJECT

UNT Health Imaging
PET Addition
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

TITLE

ELECTRICAL
DEMOLITION PLAN -
LEVEL 1

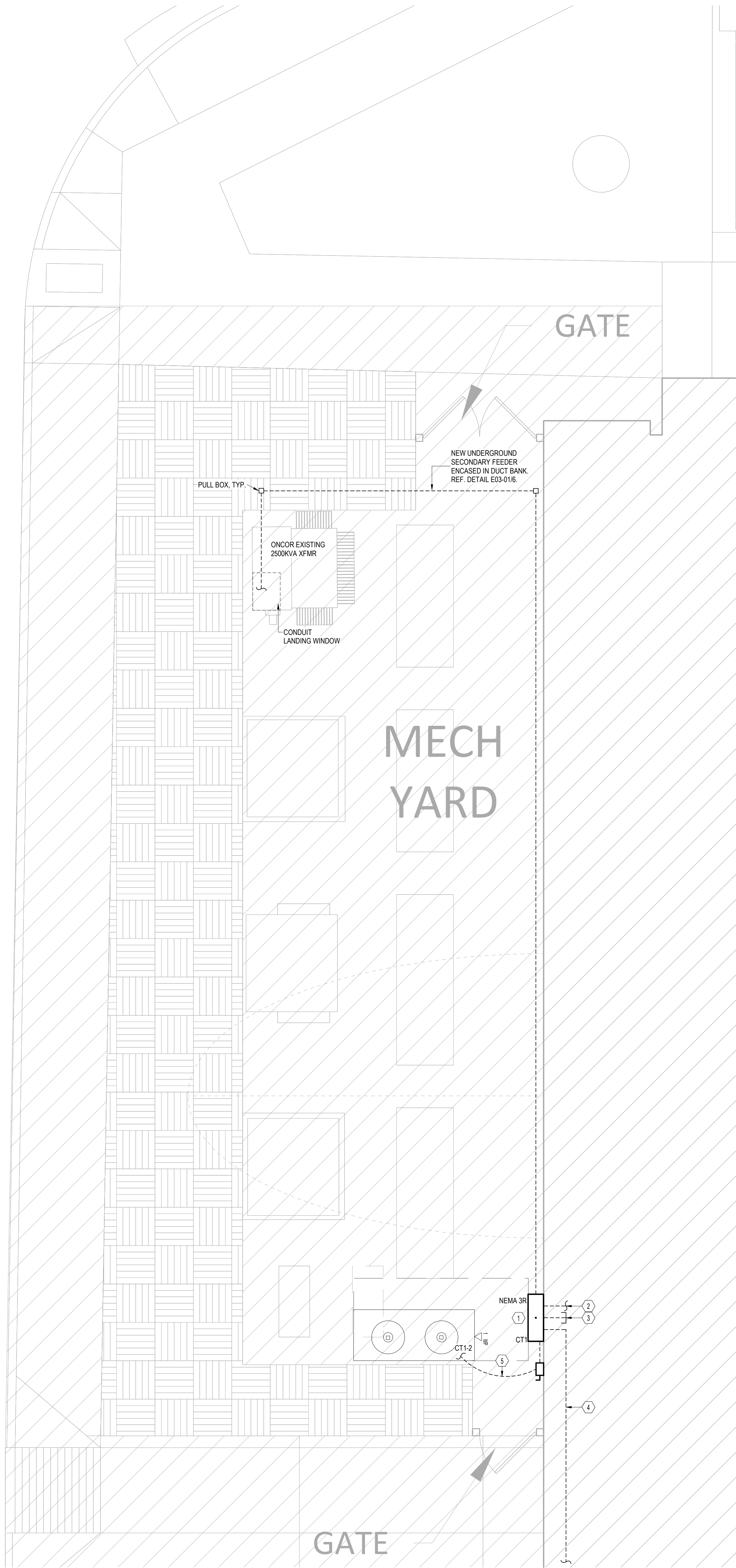
SHEET NUMBER

E01-01

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1 SITE PLAN - ELECTRICAL
1/4" = 1'-0"

PLAN NOTES

- NEW ELECTRICAL CONDUIT/DUCT BANK PATHS SHOWN ARE DIAGRAMMATIC IN NATURE ONLY. CONTRACTOR TO FIELD VERIFY BEST ROUTING TO AVOID EXISTING UNDERGROUND ITEMS CONNECTED TO EXISTING ONCOR EQUIPMENT AND CHILLERS. PROVIDE PULL BOX AT EACH 90 DEGREE TURN.
- CONTRACTOR TO INSTALL CONDUIT, PULL WIRE AND PROVIDE COMPRESSION LUGS. ONCOR TO INSTALL COMPRESSION LUGS AND MAKE FINAL CONNECTION AT TRANSFORMER.
- CONTRACTOR TO COORDINATE WITH ONCOR AND OWNER TO SCHEDULE FINAL CONNECTION TO TRANSFORMER AS THIS WILL REQUIRE DOWNTIME FOR ENTIRE BUILDING. ENSURE THAT EVERYTHING IS PROVIDED AND READY FOR CONNECTION TO MINIMIZE DOWNTIME.
- ALL WALL PENETRATIONS OF EXTERIOR BUILDING WALL SHALL BE WEATHER-SEALED WITH APPROVED METHODS. SUBMIT FOR REVIEW. UTILIZE THUNDERLINE LINK-SEAL BY GPT. REFERENCE MECHANICAL DETAILS AND SPEC SECTION 22 05 17.

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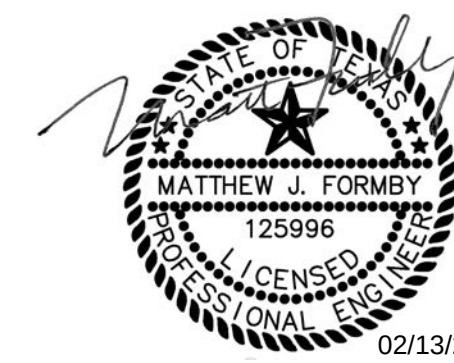
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PROJECT

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Fort Worth, Texas 76107

NOTES BY SYMBOL: 1

- PROVIDE NEW EXTERIOR & SERVICE-ENTRANCE RATED 600A PANEL. REFERENCE ONE-LINE AND PANEL SCHEDULE FOR MORE INFORMATION. COORDINATE EXACT LOCATION OF NEW PANEL WITH EXISTING CHILLER LINES AND VENTS ON EXTERIOR WALL. ENSURE THAT ALL EQUIPMENT CLEARANCES PER NEC REQUIREMENTS ARE MET. PROVIDE CONCRETE PAD FOR NEW ELECTRICAL PANEL. COORDINATE WITH STRUCTURAL FOR REQUIREMENTS.
- PROVIDE EXTERIOR WALL PENETRATION AND ONE 3/4" CONDUIT FOR BACKNET CONNECTION. COORDINATE TERMINATION POINT OF BACKNET CONNECTION INSIDE BUILDING WITH OWNER.
- PROVIDE EXTERIOR WALL PENETRATION AND CONDUIT FOR (1) 3" CONDUIT FOR FUTURE CT SCANNER. STUB UP AND CAP INSIDE WALL AND LABEL WITH "FUTURE CT".
- PROVIDE EXTERIOR WALL PENETRATION AND 4#40, 1840 & 3" CONDUIT TO CT SCANNER MAIN DISCONNECT PANEL. REFERENCE SHEET E02-03 FOR TIE-IN LOCATION. FOLLOW EXISTING CHILLER LINE ROUTING INSIDE BUILDING TO PROJECT AREA.
- PROVIDE UNDERGROUND FEEDER 4#6, 1810G & 1-1/4" CONDUIT FOR EXTERIOR LOCATED CHILLER. COORDINATE TIE-IN LOCATION WITH MECHANICAL DRAWINGS AND FINAL SITE SPECIFIC CT EQUIPMENT SHOP DRAWINGS. PROVIDE DISCONNECTING MEANS PER SHOP DRAWINGS. BASIS OF DESIGN FOR DISCONNECT IS 60A, 480V/3P, NEMA 3R.

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	

TITLE

ELECTRICAL SITE
PLAN - CHILLER YARD

SHEET NUMBER

E02-01

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1 ELECTRICAL LIGHTING PLAN - LEVEL 1
1/8" = 1'-0"

PLAN NOTES

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
2. THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY ROOMS THAT ARE TO BE PROVIDED WITH SENSORS. PROVIDE ADDITIONAL SENSORS REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOM. ENSURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE AND OVERCOME LOCAL DIFFICULTIES DUE TO SPACE LIMITATIONS OR INTERFERENCE OF STRUCTURAL COMPONENTS.
3. ALL LIGHTING MOTION SENSORS SHALL BE DUAL TECHNOLOGY.
4. ALL MOTION SENSORS SHALL BE SET TO 20 MINUTE TIME DELAY. SENSORS SHALL BE ADJUSTED TO MAXIMUM SENSITIVITY. SENSORS SHALL BE SET TO 5 MINUTES AND 1 MINUTE FOR TESTING.
5. ALL MOTION SENSORS SHALL HAVE A MASKING OR INTERNAL SHIELDING AVAILABLE TO CONTROL COVERED PATTERN IN THE FIELD.
6. ALL BUTTONS SHALL BE CLEARLY IDENTIFIED. ENGRAVED OR SWITCHES BY LIGHTING SYSTEM MANUFACTURER.
7. ALL TIME OUT DELAY ON SENSORS SHALL BE SET TO 20 MINUTES UNLESS OTHERWISE SPECIFIED BY OWNER.
8. ALL 0-10V LIGHTING DEVICES SHALL BE CONNECTED WITH ROOM CONTROLLER. EACH SPACE SHALL BE PROVIDED WITH A ROOM CONTROLLER.
9. ALL LUMINAIRES USED SHALL BE LED. ALL LUMINAIRES SHALL HAVE 0-10V DIMMABLE DRIVERS.
10. ALL EXT SIGNS SHALL NOT BE SWITCHED. EXT SIGNS SHALL BE CONTROLLED BY CIRCUIT BREAKER ONLY. EXT SIGNS SHALL BE RED LETTERING AS INDICATED ON THE LIGHTING FIXTURE SCHEDULE.
11. RUN AN UNSWITCHED HOT TO ALL EXT SIGNS. ALL EXT SIGNS SHALL BE PROVIDED WITH VANDAL RESISTANT HOUSING.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL OVERRIDE SWITCHES. DUAL TECH SENSORS FROM CONTROL SYSTEMS, DUAL TECH CONTRACTORS AND ADDITIONAL EQUIPMENT AS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM WITH THE CONTROLS INDICATED.
13. VACUANCY SENSOR SHALL BE THE DEFAULT MODE ON ALL DUAL TECH SENSORS UNLESS SHOWN/NOTES OTHERWISE.
14. ALL SENSOR/COVERAGE REQUIREMENTS SHALL BE CONFIRMED WITH LIGHTING MANUFACTURER PRIOR TO ORDERING.
15. ALL FINISHES PERTAINING TO LIGHTING CONTROL ELECTRICAL SCHEDULES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ORDERING.
16. ALL MOUNTING HEIGHT OF FIXTURES AND DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
17. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH A LENS.
18. ALL EMERGENCY LIGHT FIXTURES SHALL BE PROVIDED WITH AN UNSWITCHED HOT LEG. ENSURE HOT LEG LEADS TO THE MAIN PANEL TO THE NORMAL POWER SENSING LOG ON THE BATTERY PACK.
19. ALL JUNCTION BOXES, LIGHTING CONTROL DEVICES, SWITCHES, LIGHT FIXTURES SHALL BE LABELED.
20. EMERGENCY LIGHTS SHALL BE CIRCUITED WITH THE LIGHTS IN THE SPACE.
21. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
22. REFER TO "LIGHTING CONTROLS SCHEDULE" ON ELECTRICAL SCHEDULES SHEETS FOR MORE INFORMATION AND REQUIREMENTS.
23. ALL LIGHT FIXTURES INDICATED AS HATCHED ON PLANS TO BE PROVIDED WITH NORMAL AND EMERGENCY CIRCUITS VIA UL924 DEVICE. REUSE EXISTING EMERGENCY CIRCUITS FROM PANEL HIE.
24. ALL EXISTING VACS TO REMAIN, AND BE REINSTALLED IN SAME LOCATIONS PRIOR TO PROJECT COMPLETION.
25. ALL SPEAKERS TO BE JBL. CONTROL 242. MOUNT IN CEILING WHERE INDICATED. COORDINATE TIE-IN WITH OWNER.

NOTES BY SYMBOL

1. RELOCATE EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, AND FIRE ALARM DEVICES TO BE CENTERED IN NEW CEILING LAYOUT. EXTEND EXISTING CIRCUITS TO NEW LOCATION.
2. RELOCATE EXISTING LIGHT FIXTURES IN NEW CEILING LAYOUT. EXTEND EXISTING CIRCUITS TO NEW LOCATIONS.
3. VERIFY WIRELESS ACCESS COVERAGE IN BREAK ROOM. CONTRACTOR TO ADD ADDITIONAL WAP AS NEEDED.
4. TIE "X-RAY IN USE" LIGHT TO PCT-CT EQUIPMENT AND DOOR SWITCH PER SIEMENS SHOP DRAWINGS.

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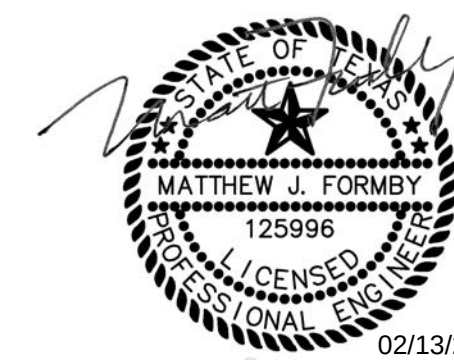
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02/13/2025

PROJECT

**UNT Health Imaging
PET Addition**
3400 Camp Bowie Blvd.
Fort Worth, Texas 76107

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

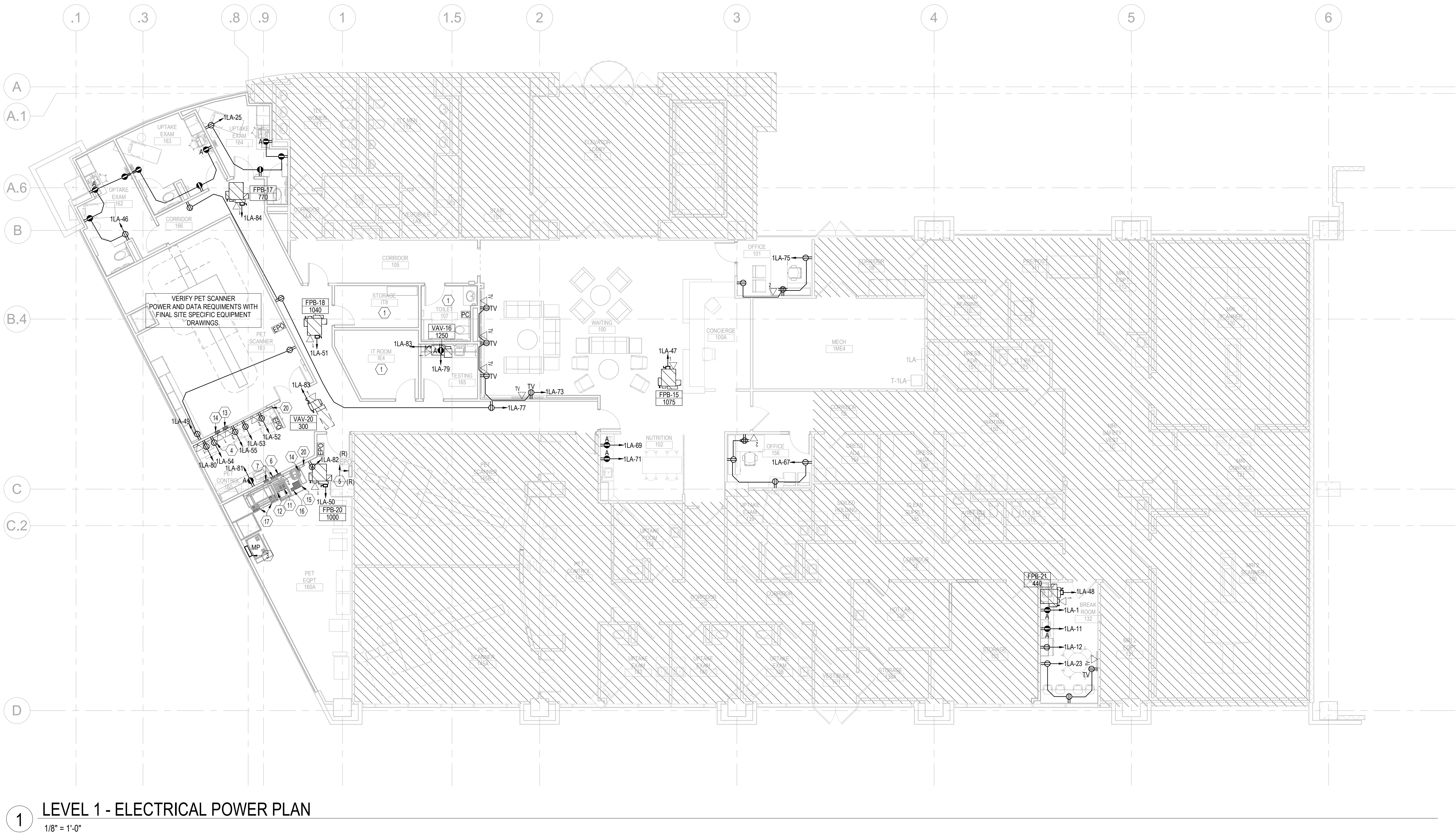
TITLE

**ELECTRICAL
LIGHTING PLAN -
LEVEL 1**

SHEET NUMBER

E02-02

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PLAN NOTES

1. PROVIDE DISCONNECT AS SHOWN ON THE 'MECHANICAL/PLUMBING EQUIPMENT SCHEDULE (ELECTRICAL)' ON THE 'ELECTRICAL SCHEDULES' SHEET. COORDINATE FINAL DISCONNECT INSTALLATION WITH MECHANICAL CONTRACTOR.
2. REFER TO 'MECHANICAL/PLUMBING EQUIPMENT SCHEDULE (ELECTRICAL)' ON 'ELECTRICAL SCHEDULES' SHEET FOR VAV CIRCUITING INFORMATION.
3. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. ALL TV RECEPTACLE LOCATIONS AND TV RECEPTACLE MOUNTING HEIGHTS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN.
5. ALL NEW DATA CABLEING TO BE ROUTED BACK TO EXISTING IT RACK IN EXISTING IT ROOM IE4. MATCH EXISTING BUILDING STANDARD FOR DATA CABLEING AND UTILIZE EXISTING CABLE PATHWAYS, COMPLEMENT WITH NEW J-HOOK AS NEEDED.
6. NEW EPO BUTTONS TO BE CONNECTED TO SHUNT TRIP BREAKER IN NEW PETCT DISCONNECT PANEL 'MP', 'PDU', AND 'PDC'. REFERENCE SIEMENS SHOP DRAWINGS.
7. DRAWINGS BASED ON PRELIMINARY SIEMENS PETCT SHOP DRAWINGS. CONTRACTOR TO COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING SIZING AND LOCATIONS FOR ALL ELECTRICAL PATHWAYS, WIRING, CONDUITS, AND BOXES WITH FINAL SITE SPECIFIC SIEMENS SHOP DRAWINGS PRIOR TO INSTALLATION.

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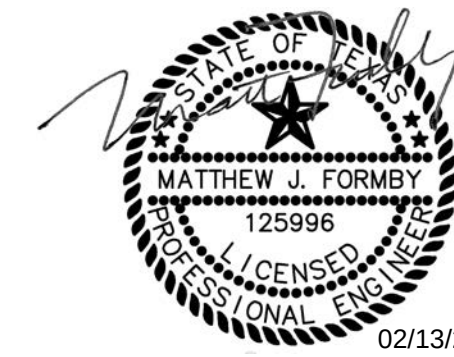
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02/13/2025

PROJECT

NOTES BY SYMBOL

1. RELOCATE EXISTING RECEPTACLES, DATA DEVICES, AND NURSE CALL DEVICES IN NEW ROOM LAYOUT. EXTEND EXISTING CIRCUITS, DATA CABLEING, AND NURSE CABLEING TO NEW LOCATION.
2. RELOCATE EXISTING EPO AND ELECTRICAL PANEL. EXTEND EXISTING CIRCUITS TO NEW LOCATION.
3. INSTALL NEW MAIN PETCT DISCONNECT PANEL WITH 480V/3P/150A CIRCUIT FED FROM CIRCUIT CT1-1 IN CHILLER YARD REFERENCE SHEET E02-01. CONTRACTOR TO PROVIDE COORDINATION STUDY FOR ALL NEW BREAKERS.
4. JUKE AUDIO SYSTEM, CEILING MOUNTED SPEAKERS SHOWN ON E02-02 TO BE WIRED TO JUKE HEAD-END UNIT. VERIFY LOCATION IN FIELD.
5. RELOCATE EXISTING EPO AND ELECTRICAL PANEL. EXTEND EXISTING WIRE, AND CONDUITS TO NEW LOCATION.
6. PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION. CONNECT 6' LONG FLEXIBLE WHIP TO PULL BOX FOR TERMINATION AT 'PDU'. REFER TO SIEMENS UNIT POWER SCHEDULE.
7. PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT FLOOR LINE IN SHOWN LOCATION.
8. 12"x12" PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 5" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.
9. 8"x8" PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 6" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.
10. 6"x6" PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 3" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.
11. PULL BOX MOUNTED BELOW FLOOR SLAB WITH TWO 4" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.
12. PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 4" CONDUIT RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATION.
13. PULL BOX MOUNTED BELOW FLOOR SLAB WITH TWO 3" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.
14. PULL BOX MOUNTED BELOW FLOOR SLAB WITH A 3" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.
15. PULL BOX MOUNTED BELOW FLOOR SLAB WITH 6" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.
16. PULL BOX MOUNTED BELOW FLOOR SLAB WITH 3" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.
17. TWO PULL BOXES MOUNTED BELOW FLOOR SLAB WITH TWO 6" CONDUITS RUNNING THROUGH FLOOR SLAB ENDING FLUSH WITH FINISHED FLOOR IN SHOWN LOCATIONS.
18. PULL BOX THAT IS PROVIDED ON THE OUTDOOR COOLING UNIT.
19. PULL BOX MOUNTED ADJACENT TO OUTDOOR COOLING UNIT PROVIDED WITH FLEX-TITE CONDUIT FROM PULL BOX TO WATER HOSE CONNECTIONS ON OUTDOOR COOLING UNIT.
20. ELECTRICAL DUCT TO RUN HORIZONTALLY ON THE WALL AT THE FLOOR LINE AND SURFACE MOUNTED ON FINISHED WALL AS SHOWN. DUCT TO BE DIVIDED INTO THREE SECTIONS WITH METAL DIVIDERS. OPENING IN FACE OF RACEWAY TO BE DETERMINED AT THE TIME OF INSTALL.

100% CONSTRUCTION DOCUMENTS 01/26/26

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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number		144090.00

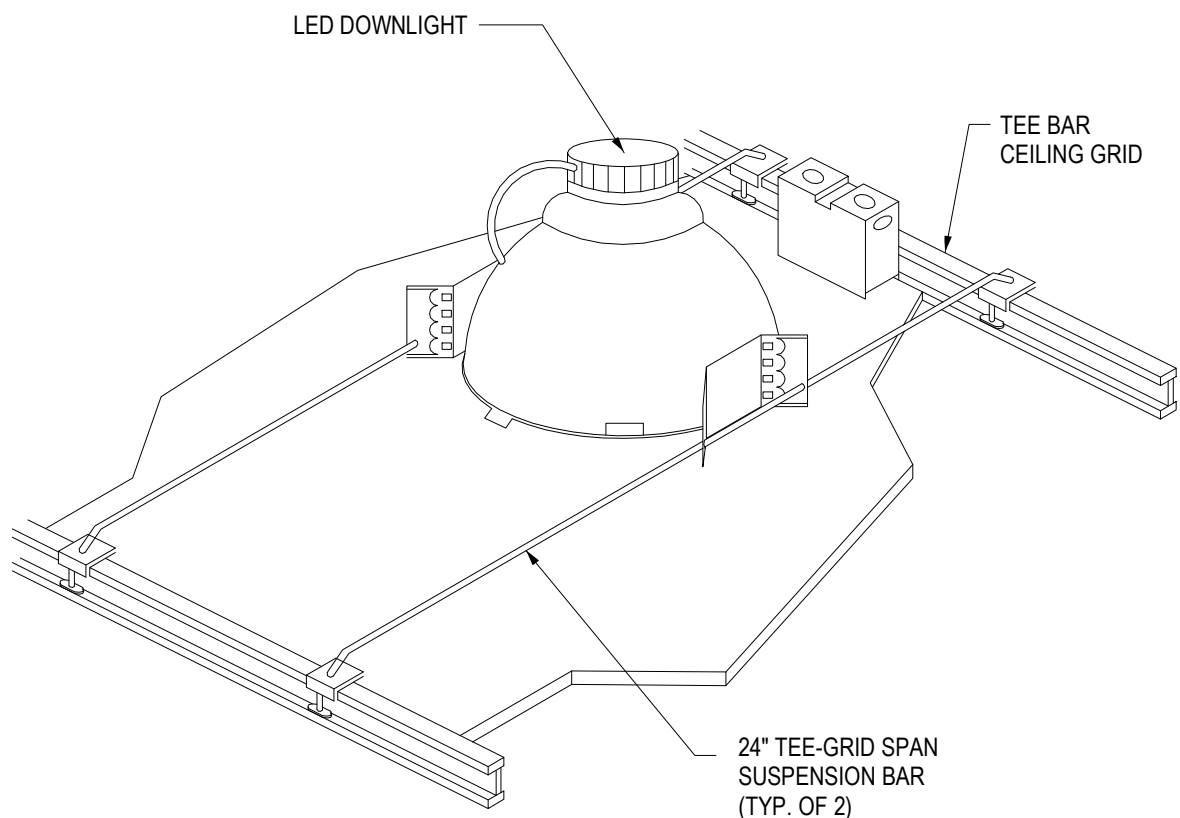
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ELECTRICAL POWER
PLAN - LEVEL 1

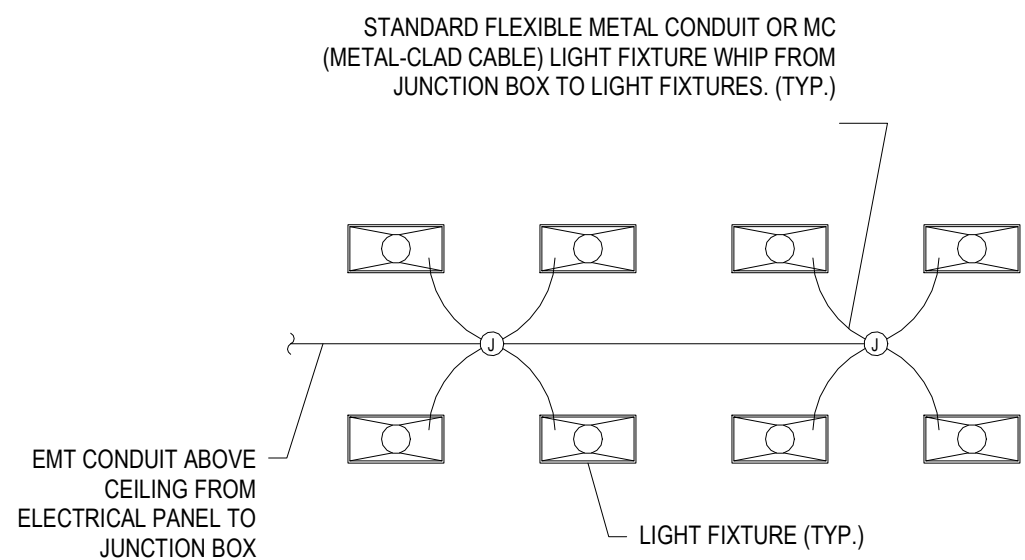
SHEET NUMBER

E02-03

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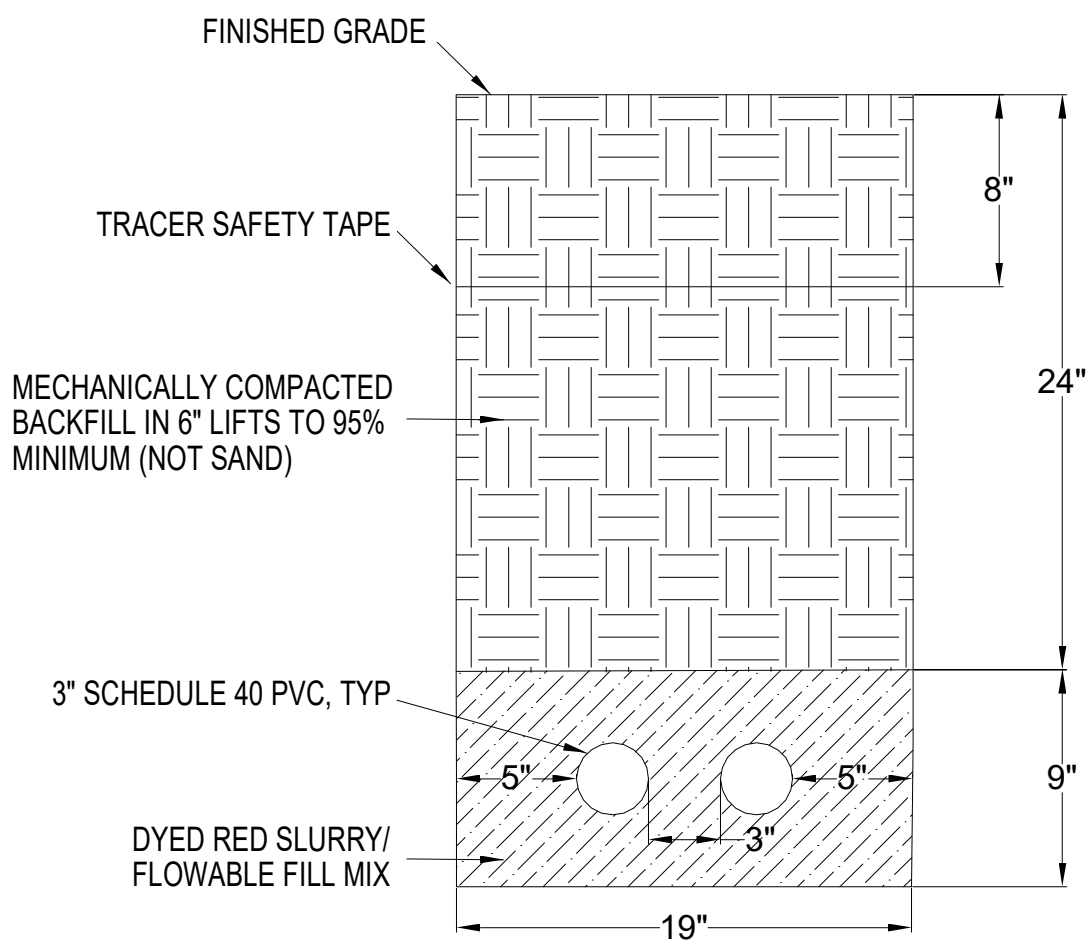


4 RECESSED DOWNLIGHT
NTS



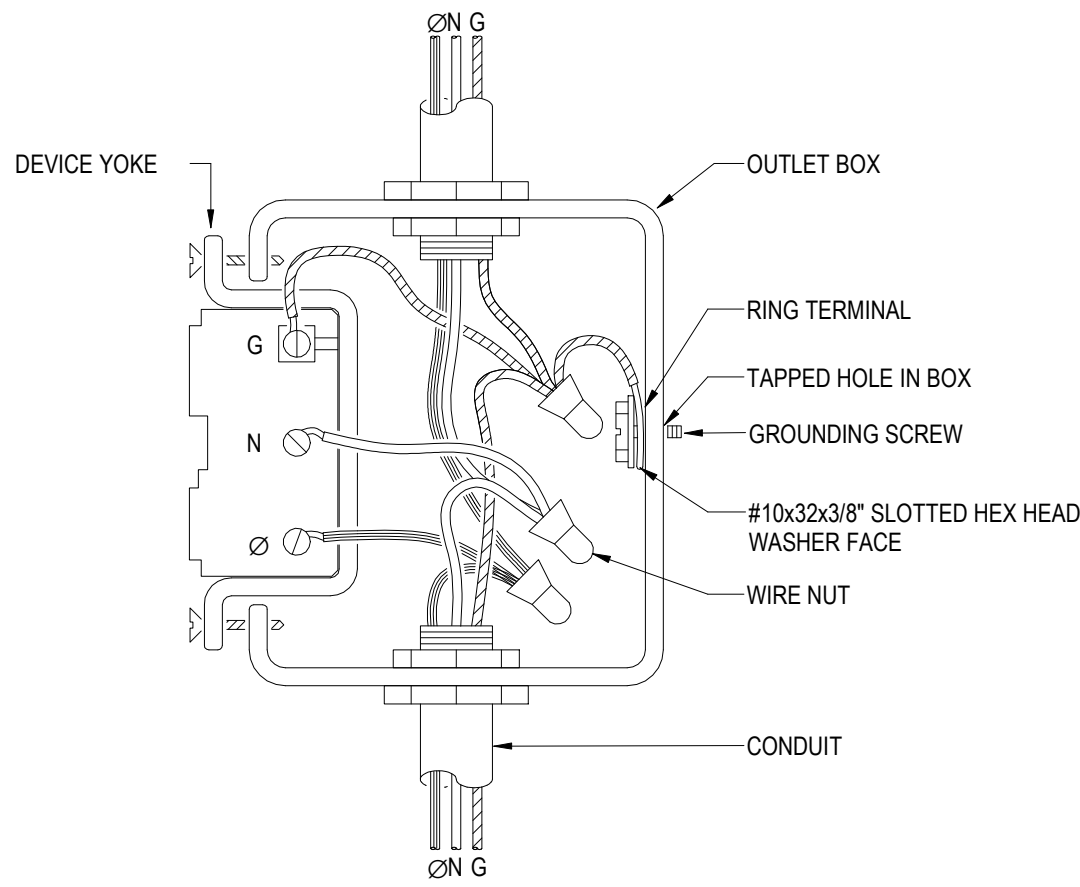
- NOTES:
1. MAXIMUM ONE (1) LIGHT FIXTURE WHIP PER LIGHT FIXTURE - DAISY-CHAINING/THROUGH-WIRING OF FIXTURES NOT ALLOWED.

5 LIGHTING-2X4 FIXTURE WIRING
NTS



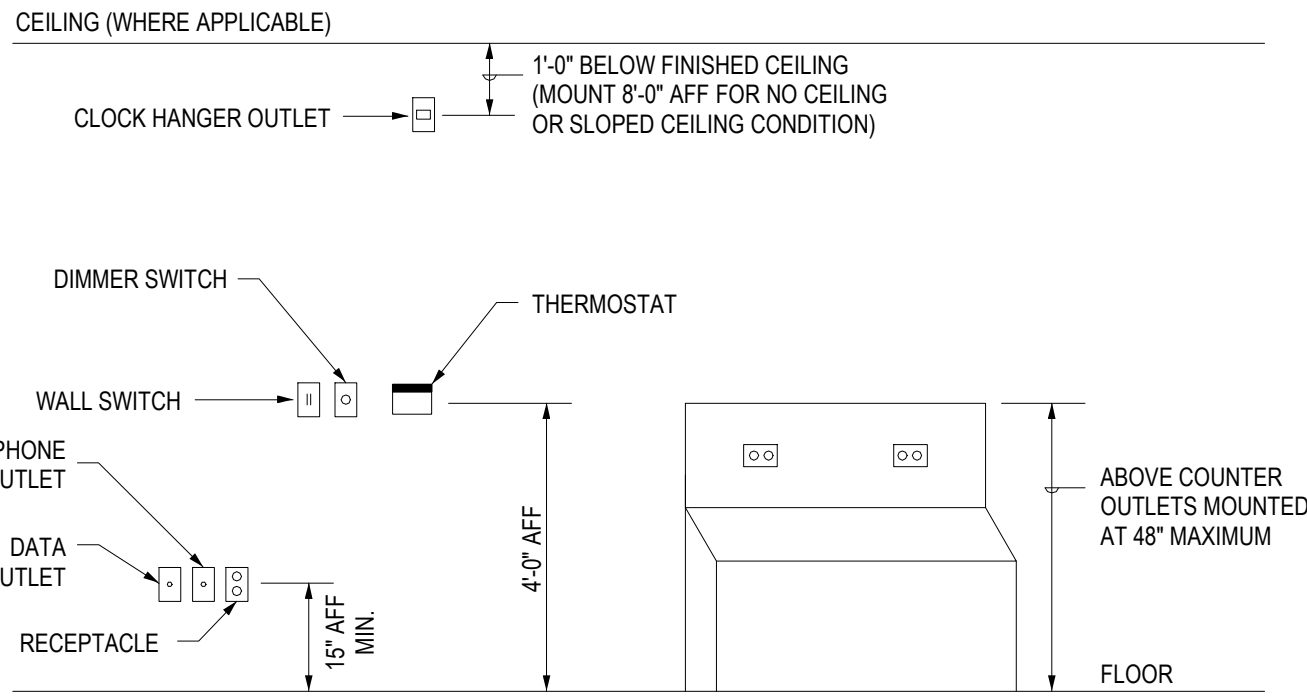
- NOTES:
1. ALL DUCT BANKS SHALL BE MINIMUM 24" BELOW GRADE UNLESS OTHERWISE NOTED. DEPTHS SHALL BE INCREASES TO COORDINATE WITH OTHER WORK AND AS REQUIRED TO MAINTAIN SEPARATION FROM OTHER UTILITIES
 2. CONDUITS SHALL DRAIN TO PULL BOXES
 3. COMPLY WITH OSHA TRENCH EXCAVATION REGULATIONS
 4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

6 DUCT BANK
NTS



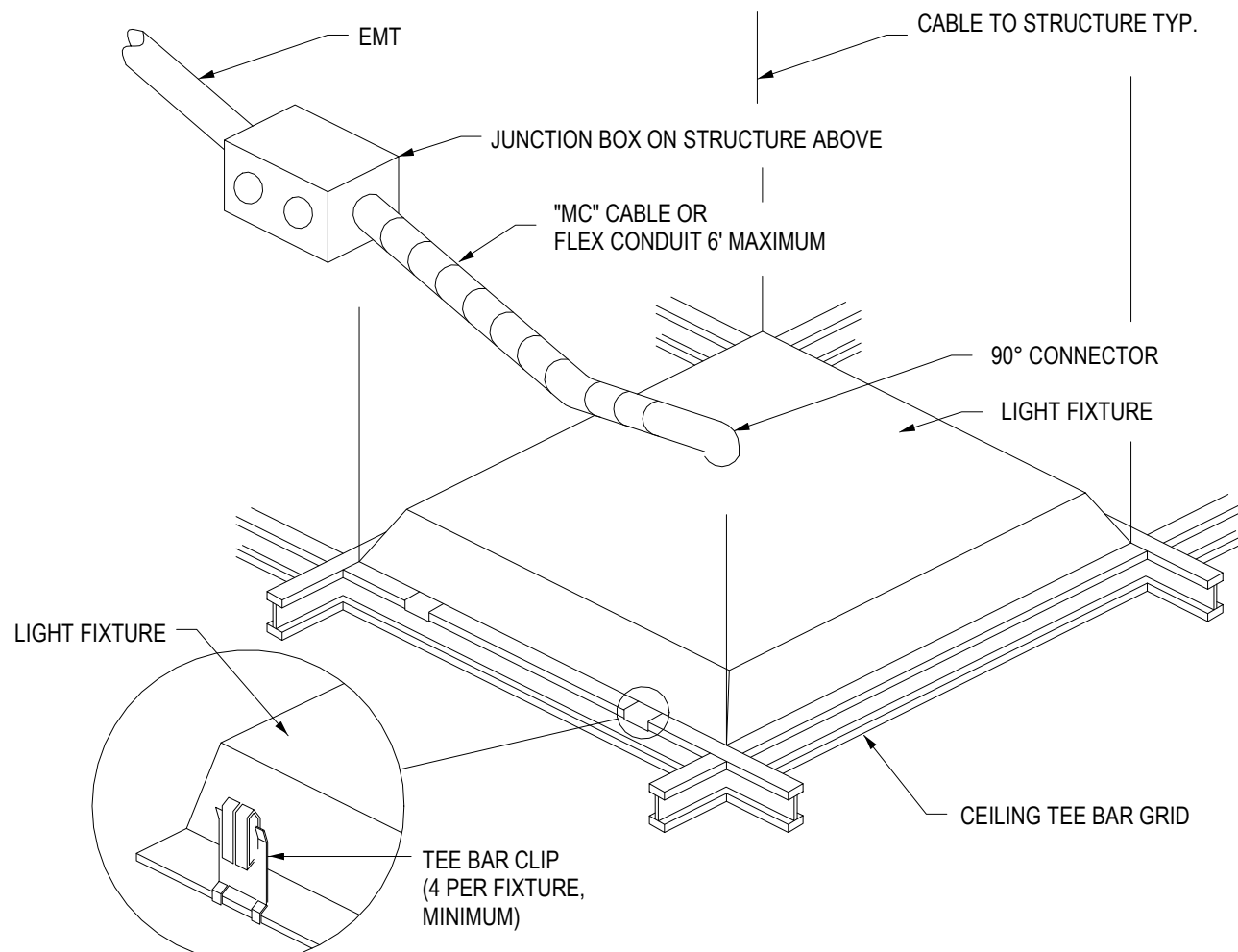
- NOTES:
1. GROUNDING CONDUCTOR SHALL BE CONTINUOUS SO THAT REMOVAL OF DEVICE WILL NOT INTERFERE WITH CONDUCTOR CONTINUITY.

1 DEVICE GROUNDING
NTS



NOTE: MOUNTING HEIGHTS SHOWN ARE TYPICAL. VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION. SEE G10-0-2100 ARCHITECTURAL SET

2 WIRING DEVICE MOUNTING HEIGHT
NTS



- NOTES:
1. TEE BAR GRID LEFT OUT FOR CLARITY. TYPICAL FOR LAY-IN TYPE LIGHT FIXTURES.
 2. SUPPORT LIGHT FIXTURE WITH CABLE AT EACH CORNER TO STRUCTURE. DO NOT USE CEILING GRID TO SUPPORT FIXTURE.

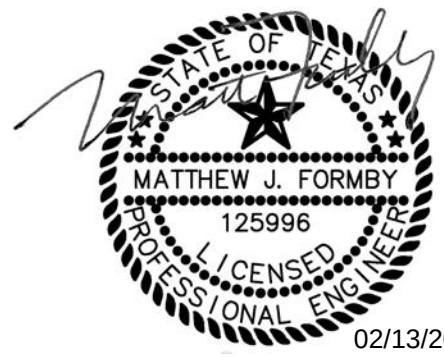
3 LAY-IN LIGHT FIXTURE
12" = 1'-0"

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KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	144090.00	
TITLE		

ELECTRICAL DETAILS

SHEET NUMBER

E03-01

Switchboard: CT1

Location: EXTERIOR
Supply From: ONCOR XFMR
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65K
Mains Type: MCB
Mains Rating: 600 A
MCB Rating: 600 A

Notes: PANEL TO BE PROVIDED WITH METER OPTION AND BACNET CARD

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	CT	3	200 A	122904 VA	
2	CT CHILLER	3	50 A	32775 VA	
3	SPACE FOR FUTURE CT BREAKER	3	200 A	0 VA	
4	SPACE FOR FUTURE CHILLER BREAKER	3	50 A	0 VA	
5					
6					
7					
8					
9					
10					
				Total Load: 155679 VA	
				Total Amps: 187 A	

Legend:
COORDINATE CIRCUIT BREAKER SIZES WITH SIEMENS SITE SPECIFIC SHOP DRAWINGS FOR CT PRIOR TO ORDERING.

Load Types	Load	Connected Load	Demand Factor	Estimated Demand	Panel Totals
C Cooling	Spares	155679 VA	100.00%	155679 VA	
F Fan					Total Conn. Load: 155679 VA
H Heating					Total Est. Demand: 155679 VA
KT Kitchen					Total Conn. Current: 187 A
L Lighting					Total Est. Demand Current: 187 A
M Misc					
MT Motor					
R Receptacle					
WH Water Heater					

Notes:
1. PANEL TO BE SERVICE ENTRANCE RATED.
2. UPDATE FEEDER SIZES AS REQUIRED IF EQUIPMENT AMPERAGE DIFFERS FROM WHAT IS SHOWN ON ELECTRICAL DRAWINGS.
...

LIGHTING FIXTURE SCHEDULE									
NOTES:									
1. ALL FIXTURE FINISHES AND OPTIONS MUST BE APPROVED BY OWNER OR ARCHITECT BEFORE ORDER.									
2. VERIFY WITH ARCHITECT CEILING TYPES, AND FIXTURE LENGTHS BEFORE ORDER. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH IN.									
3. ALL LIGHT FIXTURES INDICATED AS HATCHED ON PLANS TO BE PROVIDED WITH NORMAL AND EMERGENCY CIRCUITS VIA UL924 DEVICE. REUSE EXISTING EMERGENCY CIRCUITS FROM PANEL 11E.									
TYPE	MANUFACTURER	CATALOG #	LAMP	LUMENS	WATTAGE	VOLTAGE	DESCRIPTION		
A1	LITHONIA	2GLT-2-4BL-277-E21-LP840	6500K	4800	34 VA	277 V	2X2 RECESSED PRISMATIC FIXTURE		
B1	LITHONIA	2GLT-4-4BL-277-E21-LP840	4000K	4800	38 VA	277 V	2X4 RECESSED PRISMATIC FIXTURE		
B3	LITHONIA	2BLT4-60L-ADP-277-E21-LP840	4000K	6000	47 VA	277 V	2X4 RECESSED INDIRECT FIXTURE		
C	MARK	SL4L-LOP-4FT-FLP-80CRI-40K-800LMF-277-ZT	4000K	800	32 VA	277 V	RECESSED LINEAR FIXTURE		
D1	LITHONIA	LDN2SQ-40-25-L54-WR-277	4000K	2500	26 VA	277 V	SQUARE 4" RECESSED DOWNLIGHT		
D2	LITHONIA	LDN6SQ-40-25-L56-WR-277	4000K	2500	28 VA	277 V	SQUARE 6" RECESSED DOWNLIGHT		
D3	LITHONIA	LDN6SQ-40-25-L56-WR-277-E210	4000K	2500	28 VA	277 V	SQUARE 6" DIMMABLE RECESSED DOWNLIGHT DIMMABLE		
R1	LITHONIA	LE-P-1-R-SW16	--	--	5 VA	277 V	"X" RAY IN USE LIGHT		
X1	LITHONIA	EDG-1-RW-EL	--	--	3 VA	277 V	EXIT SIGN, SURFACE MOUNT EDGE-LIT WHITE HOUSING WITH GREEN LETTERING, GEN BACKED UP CIRCUIT 1H3 - #33		

LIGHT FIXTURE CONTROL SCHEDULE									
DESIGNATION	CONTROLS		SENSOR LOCATION		SENSOR TYPE		TIME CLOCK		NOTES
TAG	WALL (ON/OFF)	WALL DIMMING	WALL MOUNTED	CEILING MOUNTED	VACANCY MODE	OCCUPANCY MODE	SCHEDULED ON TIME	SCHEDULED OFF TIME	
A	X			X	X				CEILING MOUNTED SENSOR
B		X		X	X				CEILING MOUNTED SENSOR - DIMMER
C	X								MANUAL ON/OFF SWITCH ONLY
D	X		X		X				WALL MOUNTED SENSOR
E		X	X		X				WALL MOUNTED SENSOR - DIMMER
F	X			X		X	6:00 AM	6:00 PM	HALL WAY CONTROLS - MATCH EXISTING

Branch Panel: 1LA

Location: MECH 1ME4
Supply From: T-1LA
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65K
Mains Type: MLO
Mains Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	BREAK ROOM 132 RECEPTACLE	20 A	1	180 VA	0 VA			1	20 A EXISTING	2
3	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	4
5	EXISTING	20 A	1					1	20 A EXISTING	6
7	EXISTING	20 A	1	0 VA	0 VA			2	20 A EXISTING	8
9	EXISTING	20 A	1		0 VA	0 VA		2	20 A EXISTING	10
11	BREAK ROOM 132 RECEPTACLE	20 A	1			180 VA	180 VA	1	20 A BREAK ROOM 132 RECEPTACLE	12
13	EXISTING	20 A	1	0 VA	0 VA			1	20 A EXISTING	14
15	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	16
17	EXISTING	20 A	1					1	20 A EXISTING	18
19	EXISTING	20 A	1	0 VA	0 VA			1	20 A EXISTING	20
21	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	22
23	BREAK ROOM 132 RECEPTACLES	20 A	1			540 VA	0 VA	1	20 A EXISTING	24
25	UPTAKE EXAM 164 RECEPTACLES	20 A	1	720 VA	0 VA			1	20 A EXISTING	26
27	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	28
29	EXISTING	20 A	1					1	20 A EXISTING	30
31	EXISTING	20 A	1	0 VA	0 VA			1	20 A EXISTING	32
33	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	34
35	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	36
37	EXISTING	20 A	1					1	20 A EXISTING	38
39	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	40
41	EXISTING	20 A	1		0 VA			1	20 A EXISTING	42
43	EXISTING	20 A	1					1	20 A EXISTING	44
45	EXISTING	20 A	1	0 VA	0 VA	0 VA	1260 VA	1	20 A UPTAKE EXAM 163 RECEPTACLES	46
47	FPB-15	20 A	1			600 VA	1000 VA	1	20 A FPB0-21	48
49	PET SCANNER 161 RECEPTACLES	20 A	1	360 VA	600 VA			1	20 A FPB-20	50
51	FPB-18	20 A	1		600 VA	180 VA		1	20 A PET CONTROL 160 RECEPTACLE	52
53	PET CONTROL 160 RECEPTACLE	20 A	1			180 VA	180 VA	1	20 A PET CONTROL 160 RECEPTACLE	54
55	PET CONTROL 160 RECEPTACLE	20 A	1	180 VA	0 VA			1	20 A EXISTING	56
57	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	58
59	EXISTING	20 A	1					1	20 A EXISTING	60
61	EXISTING	20 A	1	0 VA	0 VA		0 VA	1	20 A EXISTING	62
63	EXISTING	20 A	1		0 VA	0 VA		1	20 A EXISTING	64
65	EXISTING	20 A	1			0 VA	0 VA	1	20 A EXISTING	66
67	OFFICE 156 RECEPTACLES	20 A	1	900 VA	0 VA			1	20 A EXISTING	68
69	NUTRITION 102 RECEPTACLE	20 A	1		180 VA	0 VA		1	20 A EXISTING	70
71	NUTRITION 102 RECEPTACLE	20 A	1			180 VA	0 VA	1	20 A EXISTING	72
73	WAITING 100 TVS	20 A	1	720 VA	0 VA			1	20 A EXISTING	74
75	OFFICE 101 RECEPTACLES	20 A	1		720 VA	0 VA		1	20 A EXISTING	76
77	CORRIDOR RECEPTACLES	20 A	1			540 VA	0 VA	1	20 A EXISTING	78
79	LAB TESTING 1656 RECEPTACLE	20 A	1	180 VA	180 VA			1	20 A PET CONTROL 160 RECEPTACLE	80
81	PET CONTROL 160 RECEPTACLE	20 A	1		180 VA	180 VA		1	20 A PET CONTROL 160 RECEPTACLE	82
83	VAV-16 & VAV-20	20 A	1			0 VA	600 VA	1	20 A FPB-17	84
				Total Load: 4020 VA	3300 VA	4180 VA				
				Total Amps: 34 A	28 A	36 A				

Load Types	Load	Connected Load	Demand Factor	Estimated Demand	Panel Totals
C Cooling	Other	3400 VA	100.00%	3400 VA	
F Fan	R	8100 VA	100.00%	8100 VA	Total Conn. Load: 11500 VA
H Heating	MT	0 VA	0.00%	0 VA	Total Est. Demand: 11500 VA
KT Kitchen					Total Conn. Current: 32 A
L Lighting					Total Est. Demand Current: 32 A
M Misc					
MT Motor					
R Receptacle					
WH Water Heater					

Notes:

Branch Panel: 1HA

Location: BREAK ROOM 132
Supply From: MS8
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 35K
Mains Type: MLO
Mains Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1				0 VA	0 VA					2
3	EXISTING	20 A	3		0 VA	0 VA		3	20 A EXISTING	4
5				0 VA	0 VA					6
7										8
9	EXISTING	20 A	3		0 VA	0 VA		3	20 A EXISTING	10
11				0 VA	0 VA					12
13										14
15	EXISTING	20 A	3		0 VA	0 VA		3	20 A EXISTING	16
17				0 VA	0 VA					18
19										20
21	EXISTING	20 A	3		0 VA	0 VA		3	20 A EXISTING	22
23		--	1	--	--	0 VA	0 VA	1	-- SPACE	24
25	SPACE	--	1	--	--			1	-- SPACE	26
27	SPACE	--	1	--	--			1	-- SPACE	28
29	SPACE	--	1	--	--	--	--	1	-- SPACE	30
31	SPACE	--	1	--	--			1	-- SPACE	32
33	SPACE	--	1	--	--			1	-- SPACE	34
35	SPACE	--	1	--	--	--	--	1	-- SPACE	36
37	SPACE	--	1	--	--			1	-- SPACE	38
39	SPACE	--	1	--	--			1	-- SPACE	40
41	SPACE	--	1	--	--	--	--	1	-- SPACE	42
				Total Load: 0 VA	0 VA	0 VA				
				Total Amps: 0 A	0 A	0 A				

Load Types	Load	Connected Load	Demand Factor	Estimated Demand	Panel Totals
C Cooling					Total Conn. Load: 0 VA
F Fan					Total Est. Demand: 0 VA
H Heating					Total Conn. Current: 0 A
KT Kitchen					Total Est. Demand Current: 0 A
L Lighting					
M Misc					
MT Motor					
R Receptacle					
WH Water Heater					

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KEYPLAN

ISSUE CHART

MARK ISSUE DATE
Job Number 144090.00
TITLE

ELECTRICAL
SCHEDULES

SHEET NUMBER

E03-02