

# ED - FAST TRACK AREA REMODEL

Multicare Good Samaritan Hospital  
 401 15th Ave. SE, Puyallup WA 98372

### SYMBOLS AND FILL PATTERNS

	<b>SURFACE SLOPE</b>
	<b>WALL ASSEMBLY</b>
	<b>STUD SIZE</b>
	<b>WALL TAG</b>
	<b>MODIFIER</b>

	<b>KEYNOTE</b>
	<b>DOOR NUMBER - REF DOOR SCH</b>
	<b>DOOR TAG</b>
	<b>FINISH TAG</b>
	<b>WINDOW TYPE - REF WINDOW SCH</b>
	<b>WINDOW TAG</b>
	<b>CEILING MATERIAL</b>
	<b>CEILING TAG</b>
	<b>CEILING HEIGHT ABOVE FINISHED FLOOR - ALL CEILING 9'-0" UNLESS OTHERWISE NOTED.</b>
	<b>ELEVATION TAG</b>
	<b>ROOM TAG</b>
	<b>ROOM NUMBER</b>
	<b>DRAWING REVISION</b>
	<b>DRAWING NUMBER</b>
	<b>CALLOUT</b>
	<b>SHEET NUMBER</b>

	<b>BUILDING SECTION</b>
	<b>WALL SECTION</b>
	<b>EXTERIOR ELEVATION</b>
	<b>INTERIOR ELEVATION</b>

	<b>DIMENSION TO FACE OF FRAMING, FACE OF CONCRETE, GRID LINE, OR AS NOTED.</b>
	<b>CLEAR DIMENSION TO FINISH FACE OR AS NOTED.</b>

	<b>NORTH ARROW</b> PROJECT NORTH (SEE CIVIL FOR TRUE NORTH)
--	----------------------------------------------------------------

	<b>EXISTING SPOT ELEV</b>
	<b>NEW SPOT ELEV</b>

	<b>ASPHALT</b>
	<b>CONCRETE</b>
	<b>EARTH</b>
	<b>GLASS</b>
	<b>GRAVEL</b>
	<b>GYPSUM BOARD</b>
	<b>INSULATION - ACOUSTICAL</b>
	<b>INSULATION - BATT</b>
	<b>INSULATION - RIGID</b>
	<b>INSULATION - SEMI RIGID</b>
	<b>MASONRY - BRICK</b>
	<b>MASONRY - CONCRETE BLOCK</b>
	<b>METAL - ALUMINUM</b>
	<b>METAL - STEEL</b>
	<b>SAND</b>
	<b>WOOD - BLOCKING</b>
	<b>WOOD - CONTINUOUS</b>
	<b>WOOD - FINISH</b>
	<b>WOOD - PARTICLE BOARD</b>
	<b>WOOD - PLYWOOD</b>

### GENERAL NOTES

- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK.
- DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. DO NOT SCALE DRAWINGS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF SUBCONTRACTOR'S WORK. COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS, ACCURATE LOCATION OF STRUCTURAL MEMBERS, AND OPENINGS FOR MECHANICAL, ELECTRICAL, AND MISCELLANEOUS EQUIPMENT.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND CLEARANCES FROM MANUFACTURER PRIOR TO THE CONSTRUCTION AND INSTALLATION OF ALL EQUIPMENT, FURNISHINGS, AND ACCESSORIES.
- CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE DURING CONSTRUCTION AND UNTIL PROJECT COMPLETION.
- CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES, WHETHER INDICATED IN DRAWINGS OR NOT.
- PROVIDE BACKING, BLOCKING, OR STRAPPING AS REQUIRED FOR GRAB BARS, SHELVING, EQUIPMENT, HANDRAILS, ACCESSORIES, AND CABINETS.
- COORDINATE LOCATIONS OF IN-WALL ITEMS TO AVOID BACK TO BACK INSTALLATION.
- ALL SAFETY GLAZING SHALL BE PERMANENTLY LABELED WITH THE MANUFACTURER'S NAME AND TEST APPROVAL INFORMATION.
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL ELECTRICAL AND EQUIPMENT INFORMATION.

### PROJECT CONTACTS

**OWNER:** MULTICARE  
 BOX 5299, MS 1313-S-CONS  
 TACOMA, WA 98415  
 TEL: (253) 281-0012  
 ATTN: BRIANNA LEROY, ASSOCIATE PROJECT MANAGER  
 EMAIL: BRIANNA.LEROY@MULTICARE.ORG

**MECHANICAL & PLUMBING:** HULTZBHU ENGINEERS INC.  
 1111 FAWCETT AVENUE, SUITE 100  
 TACOMA, WA 98402  
 TEL: (253) 383-3257  
 ATTN: MICHAEL TAGLES, ASSOCIATE PRINCIPAL  
 EMAIL: MICHAEL.T@HULTZBHU.COM

**ELECTRICAL:** HULTZBHU ENGINEERS INC.  
 1111 FAWCETT AVENUE, SUITE 100  
 TACOMA, WA 98402  
 TEL: (253) 383-3257  
 ATTN: NEIL MORSE, PROJECT MANAGER  
 EMAIL: NEIL.M@HULTZBHU.COM

**ARCHITECT:** CLARKKIOS ARCHITECTS  
 621 SV ALDER ST., SUITE 700  
 PORTLAND, OR 97205  
 TEL: (503) 206-3822  
 ATTN: SCOT JAHN, PROJECT MANAGER  
 EMAIL: SCOT.JAHN@CKARCH.COM

### PROJECT DESCRIPTION

The project is to reconfigure some rooms and spaces in the existing Emergency Department to provide fast-track medical services for less acute patients, and seclusion rooms for patients needing behavioral health treatment. The design will be a continuation of the design we developed with MultiCare in the Test Fit process.

- Remodel the area north of the triage rooms (currently two seclusion rooms, seclusion toilet, a dictation area, financial counseling, social work office and triage work area) into approximately nine curtained treatment bays and two support spaces. The seclusion toilet will be remodeled into a storage room.
- Remodel the former Results Waiting space into two new replacement seclusion rooms and a work/reading area. The toilet room adjacent to the new seclusion rooms will be remodeled for patient safety removing furniture risks and materials. Patients in the seclusion rooms will have access to this room.

### DRAWING INDEX

- |                      |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL</b>       | G0.01 GEN. NOTES, SYMBOL, ABBRE. & FINISH CODE<br>G1.01 FIRE & LIFE SAFETY<br>G2.01 PARTITION TYPES                                                                                                                                | <b>MECHANICAL &amp; PLUMBING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>DEMOLITION</b>    | D3.11 DEMOLITION PLAN & RCP                                                                                                                                                                                                        | M0.01 MECHANICAL GENERAL NOTES & LEGEND<br>M0.02 MECHANICAL SCHEDULES<br>M1.01 FIRST FLOOR PLAN - HVAC DEMO<br>M1.02 FLOOR PLAN - LEVEL A - PLUMBING DEMO<br>M1.03 FIRST FLOOR PLAN - PLUMBING DEMO<br>M3.01 FLOOR PLAN - LEVEL A - PLUMBING<br>M3.02 FIRST FLOOR PLAN - PLUMBING<br>M3.21 PLUMBING DETAILS<br>M4.01 FIRST FLOOR PLAN - HVAC<br>M4.21 HVAC DETAILS<br>M4.22 HVAC DETAILS                                                                                                                                                                                                                                                                       |
| <b>ARCHITECTURAL</b> | A2.11 ENLARGED FLOOR PLAN & RCP<br>A2.51 INTERIOR FINISH & EQUIPMENT PLAN - FAST TRACK<br>A2.52 INTERIOR FINISH & EQUIPMENT PLAN - ENHANCED SECURITY<br>A5.01 INTERIOR ELEVATIONS<br>A7.01 INTERIOR DETAILS, DOOR TYPES & SCHEDULE | <b>ELECTRICAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                      |                                                                                                                                                                                                                                    | E0.01 ABBREVIATIONS, LEGEND & GENERAL NOTES<br>E1.00 OVERALL PLAN - FIRST FLOOR<br>E1.01 ELECTRICAL POWER & SYSTEMS DEMOLITION PLAN<br>E1.02 ELECTRICAL LIGHTING DEMOLITION<br>E2.01 FAST TRACK - LIGHTING PLANS<br>E3.01 FAST TRACK - POWER PLANS<br>E3.02 ENLARGED ELECTRICAL ROOMS<br>E4.01 FAST TRACK - SYSTEM PLANS<br>E4.02 FAST TRACK - FIRE ALARMS PLANS<br>E5.00 ONE-LINE DIAGRAM - ABOVE 1000V<br>E5.02 DAILY TOWER ONE-LINE DIAGRAM - EMERGENCY GENERATOR<br>E5.13 DAILY TOWER ONE-LINE DIAGRAM - NORMAL<br>E5.14 DAILY TOWER ONE-LINE DIAGRAM - LIFE SAFETY & EQUIPMENT<br>E5.15 DAILY TOWER ONE-LINE DIAGRAM - CRITICAL<br>E5.20 FEEDER SCHEDULES |

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

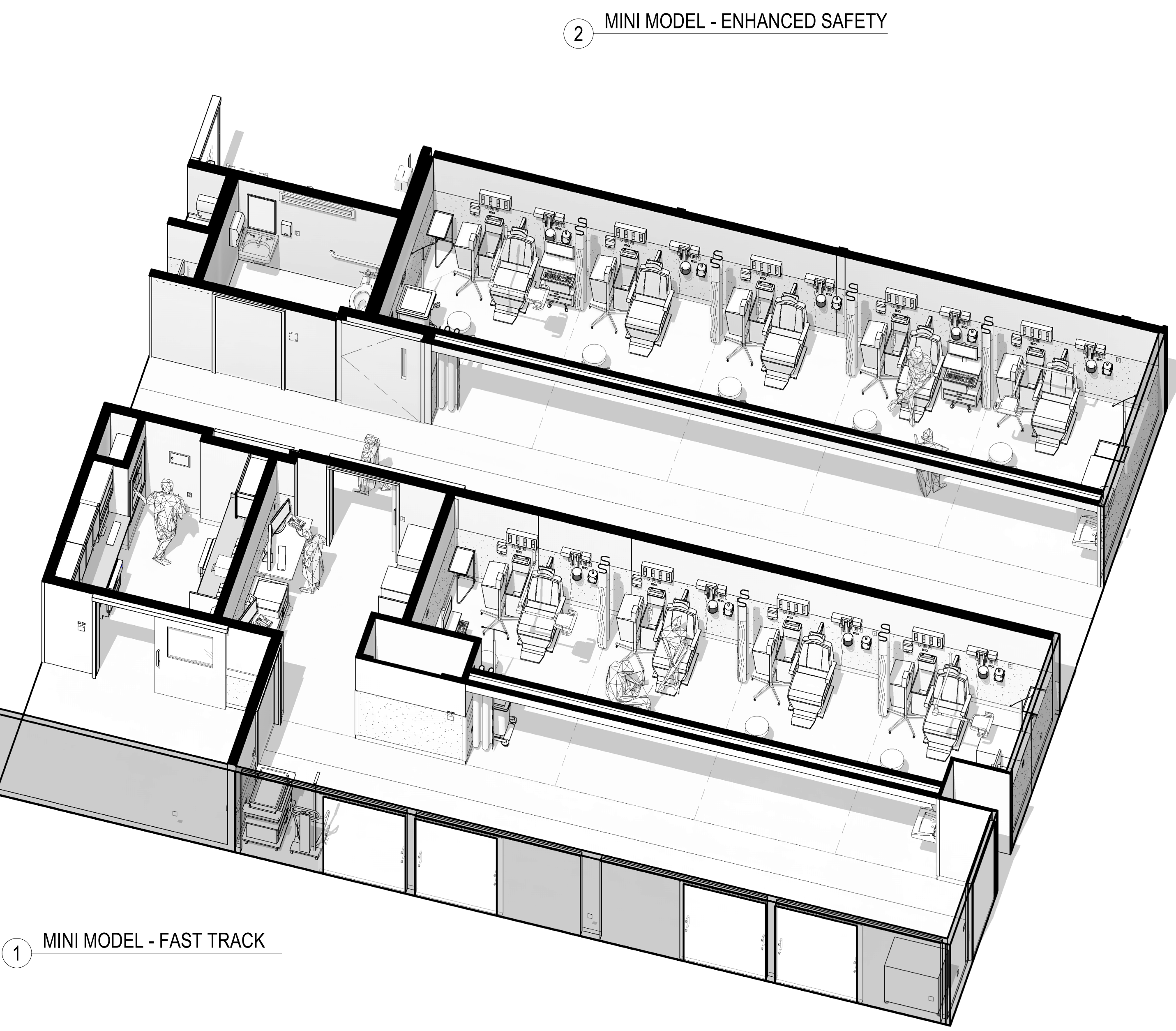
The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

**City of Puyallup Building REVIEWED FOR COMPLIANCE**  
 BSnowden  
 04/15/2024  
 2:06:14 PM

**City of Puyallup Planning Division APPROVED**  
 See permit conditions.  
 Chris BEALE  
 03/07/2024  
 8:27:46 AM

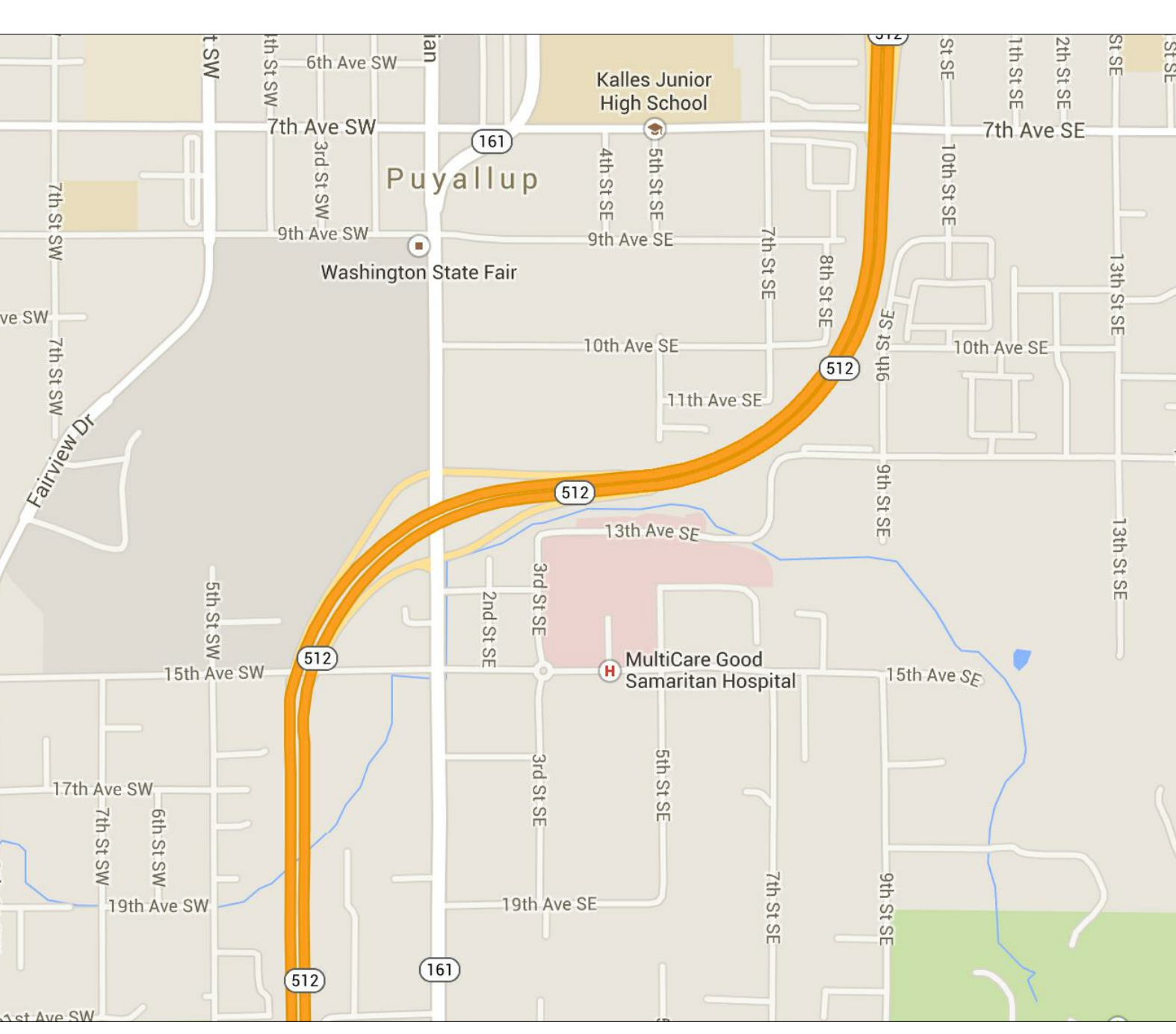
**City of Puyallup Development Engineering APPROVED**  
 See permit for additional requirements.  
 Linda Lian  
 03/14/2024  
 8:00:19 AM



2 MINI MODEL - ENHANCED SAFETY

1 MINI MODEL - FAST TRACK

### VICINITY MAP



PRCT120231772

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 401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22

REVISIONS:

City of Puyallup Development & Permitting Services

BUILDING PERMIT

Building Planning

Engineering Public Works

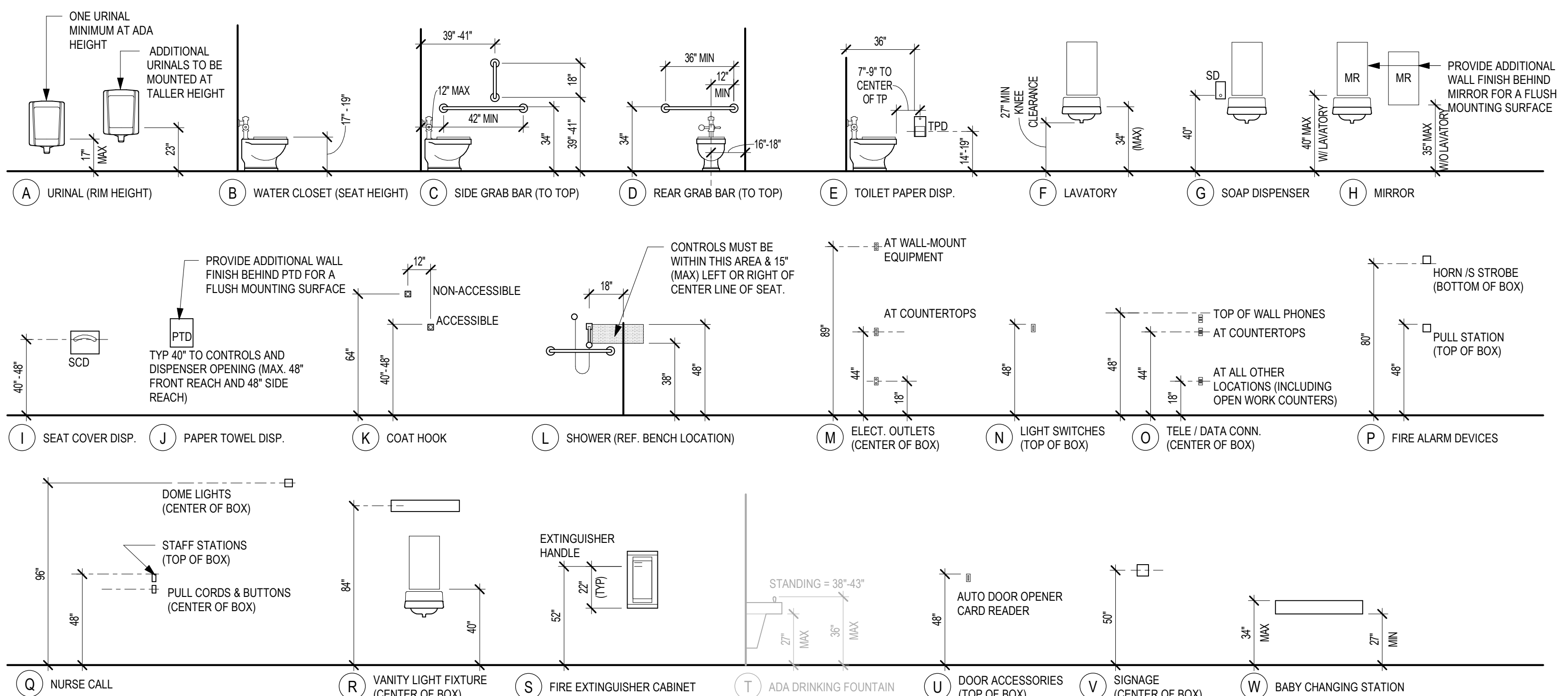
Fire Traffic

PERMIT SET

GEN. NOTES, SYMBOL, ABBRE. & FINISH CODE

G0.01

PROJECT NO.: 22008



**NOTES:**  
 1) ALL DIMENSIONS ARE TYPICAL UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS.  
 2) WALL MOUNTED ACCESSORIES SHALL NOT PROJECT MORE THAN 4" FROM FACE OF WALL WHEN LOCATED BELOW 6'-8".  
 3) NON USED ITEMS ARE HALF-TONE

**2 TYPICAL MOUNTING HEIGHTS**  
 1/4" = 1'-0"

**CODE SUMMARY**

PROJECT NAME:	ED - FAST TRACK AREA REMODEL
ADDRESS:	401 15TH AVENUE SE PUYALLUP, WA 98372
OWNER:	MULTICARE HEALTH SYSTEM
CODES:	2018 IBC NFPA 101-CHAPTER 18, 19, 38
OCCUPANCY:	I-2
NUMBER OF STORIES:	EIGHT
CONSTRUCTION TYPE:	I-A
FIRE PROTECTION:	FULLY SPRINKLERED
FIRE ALARM SYSTEM:	YES
ALLOWABLE SQUARE FOOTAGE:	(TABLE 506.2)
ALLOWABLE SQUARE FOOTAGE FOR GROUP I-2 (I-A):	UNLIMITED
TOTAL AREA ALLOWED:	UNLIMITED
ACTUAL SQUARE FOOTAGE:	LEVEL 1 42,462 SF LEVEL 2 88,888 SF
FIRE SEPARATION DISTANCE:	≥30'-0"
MAXIMUM AREA OF EXTERIOR WALL OPENINGS (705.8):	≥30'-0" UNPROTECTED, SPRINKLERED UNLIMITED
OCCUPANT LOAD:	1100 SF Outpatient
MAX. COMMON PATH OF TRAVEL (1906.2.1):	75 FT
MAX. TRAVEL DISTANCE (1017.2.1):	200 FT

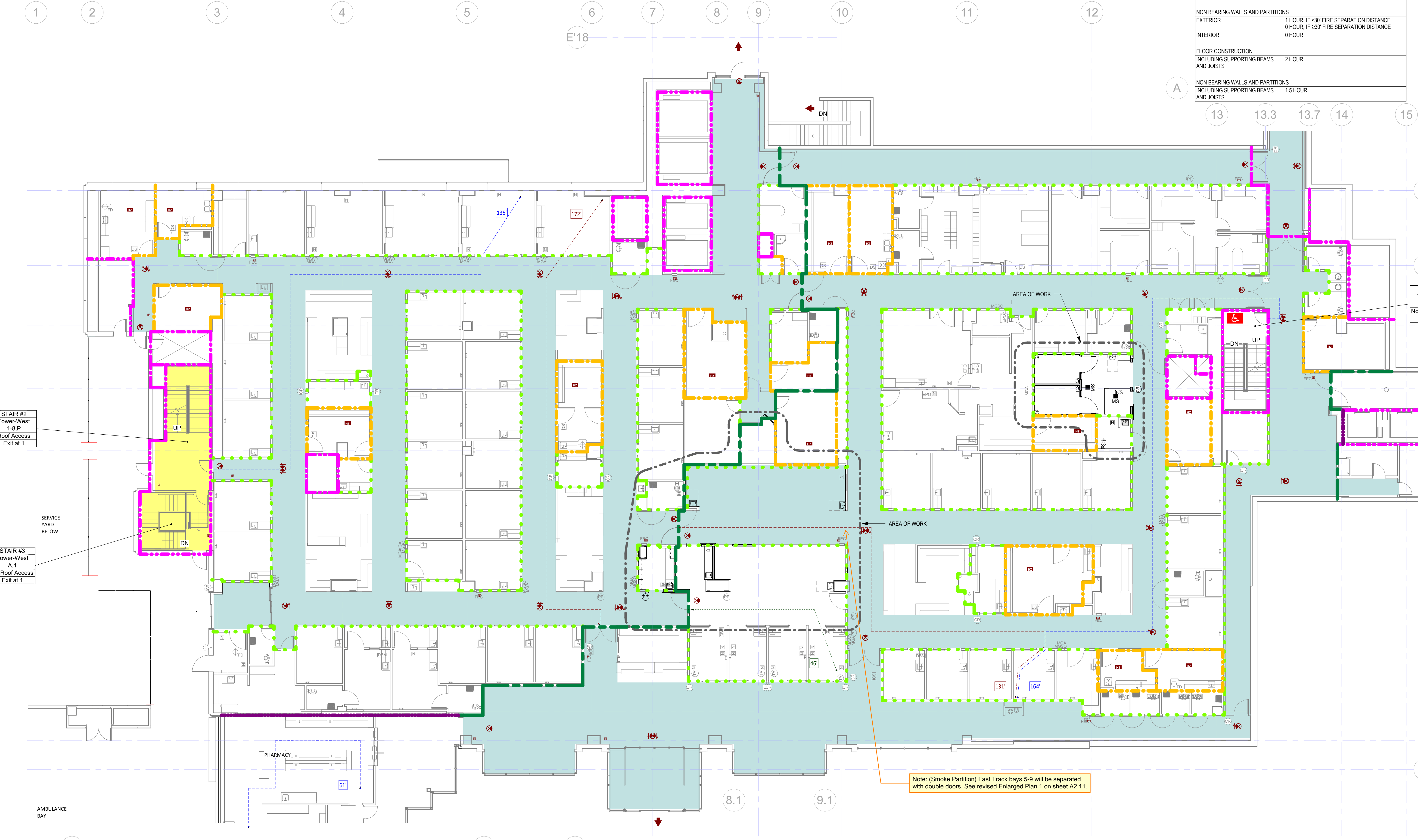
FIRE RESISTIVE RATINGS (TABLE NO. 601, 602 OF THE I.B.C.):	
BUILDING ELEMENT (>10' SEPARATION)	TYPE I-A
STRUCTURAL FRAME	3 HOUR
BEARING WALLS	
EXTERIOR	3 HOUR
INTERIOR	3 HOUR
NON BEARING WALLS AND PARTITIONS	
EXTERIOR	1 HOUR, IF <30' FIRE SEPARATION DISTANCE 0 HOUR, IF ≥30' FIRE SEPARATION DISTANCE
INTERIOR	0 HOUR
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	2 HOUR
NON BEARING WALLS AND PARTITIONS INCLUDING SUPPORTING BEAMS AND JOISTS	1.5 HOUR

**GENERAL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL TRADES ARE THOROUGHLY FAMILIAR AND COMPLY WITH THE REQUIREMENTS SHOWN HERE.
- ALL RATED ASSEMBLIES SHALL BE CONSTRUCTED TO PREVENT THE MOVEMENT OF FLAME OR GASES PER CODE.
- INSTALL RATED ENCLOSURES FOR ALL RECESSED ITEMS IN RATED WALLS PER CODE. SEE ARCHITECTURAL DETAILS.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES IN AREA OF WORK SHALL BE FIRESTOPPED OR SEALED PER CODE.
- THE CONTRACTOR SHALL FIELD VERIFY THE CONDITION OF THE EXISTING FLS SYSTEMS IN THE AREAS OF WORK THAT MAY REQUIRE UPDATING. AREAS INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:
  - CONTRACTOR TO VERIFY THAT ALL EXISTING PENETRATIONS OF RATED ASSEMBLIES WHICH ARE EXPOSED TO VIEW DURING CONSTRUCTION ARE COMPLIANT WITH CODE REQUIREMENTS.
  - CONTRACTOR TO EXTEND ANY EXISTING WALL (WITHIN THE AREA OF WORK) TO STRUCTURE WHICH IS REQUIRED BY FLS BUT DOES NOT PRESENTLY EXIST.
  - CONTRACTOR TO VERIFY THAT ALL DUCTWORK PENETRATIONS THROUGH RATED ASSEMBLIES ARE EQUIPPED WITH FIRE AND/OR SMOKE DAMPERS AS REQUIRED BY CODE.
  - VERIFY THAT THE FIRE ALARM, EMERGENCY LIGHTING, AND EMERGENCY POWER IN THE AREA OF WORK CONFORMS TO THE FLS ELECTRICAL STANDARDS SECTION FOR THE OCCUPANCY TYPE INDICATED ON THE FLS PLANS.
- SEE ELECTRICAL FOR EXIT SIGN LOCATIONS

**LEGEND**

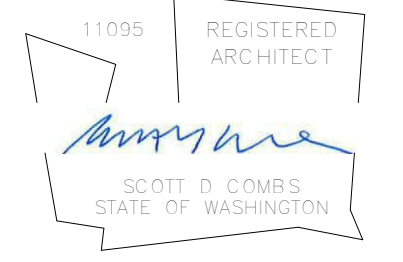
ROOM NAME	Occupancy Type	SQ. FT.	Occupancy Calc.	Code SF	OCCUPANCY TAG
1 HOUR WALL					
2 HOUR WALL					
SMOKE BARRIER					
SMOKE PARTITION					
SUITE SEPARATION					
EGRESS TRAVEL DISTANCE					
COMMON PATH OF EGRESS TRAVEL					
SMOKE COMPARTMENT TRAVEL DISTANCE					
EXIT PASSAGE					
CORRIDOR					
SUITE					
FIRE EXTINGUISHER					
EXIT SIGN, ARROW(S) INDICATES DIRECTION (IF SHOWN)					
999 OCCUPANT EXIT LOAD					
999 CUMULATIVE OCCUPANT EXIT LOAD					
H HORIZONTAL EXIT					
AREA OF REFUGE					



Note: (Smoke Partition) Fast Track bays 5-6 will be separated with double doors. See revised Enlarged Plan 1 on sheet A2.11.

**1 FIRE & LIFE SAFETY PLAN**  
 3/32" = 1'-0"

**J KEY PLAN**

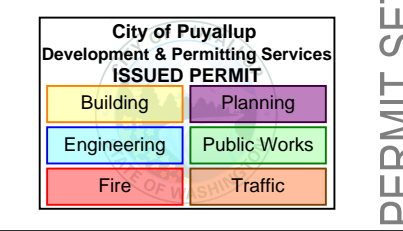


PRCT20231772

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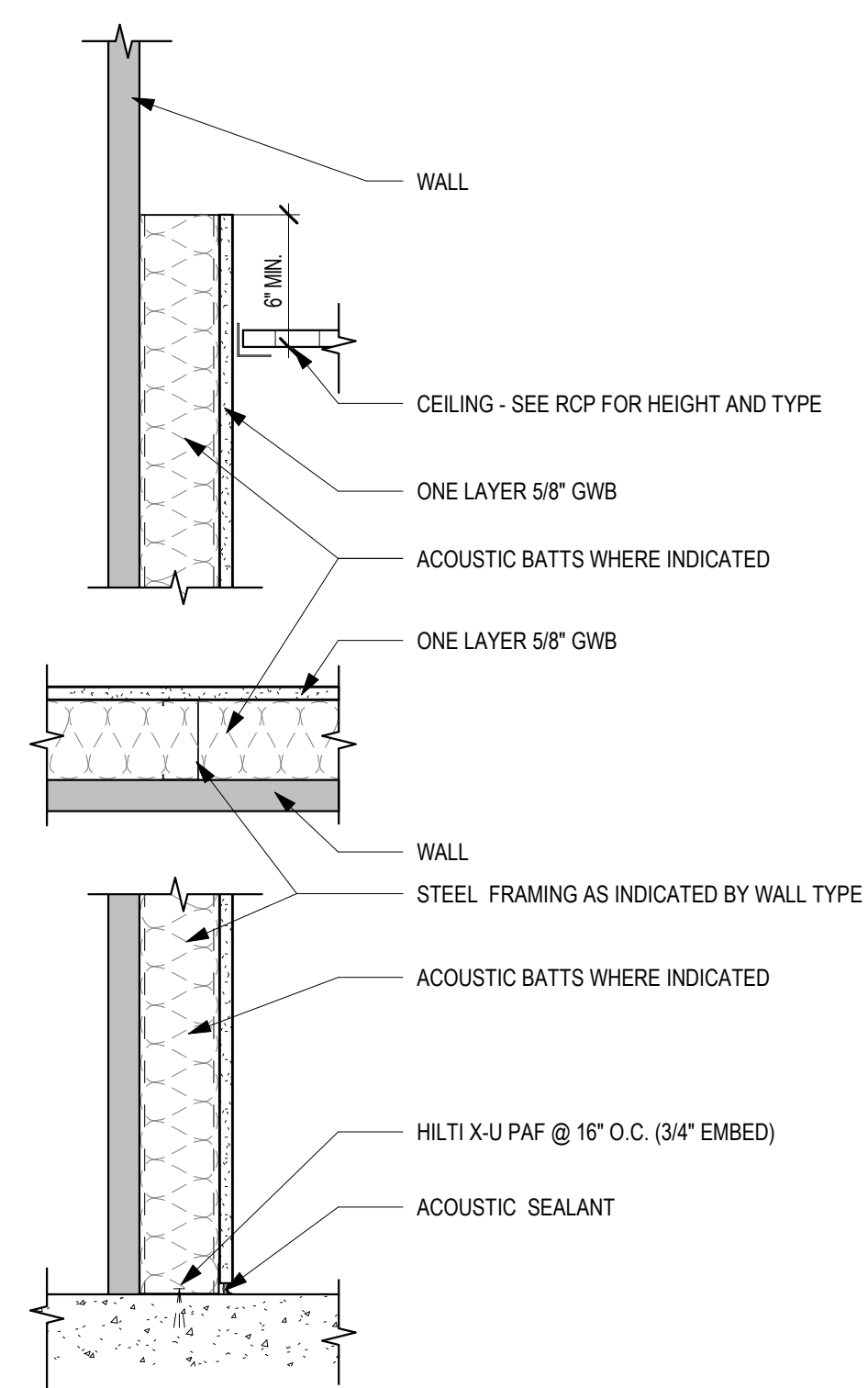


ISSUE DATE: 09.15.22  
 REVISIONS:



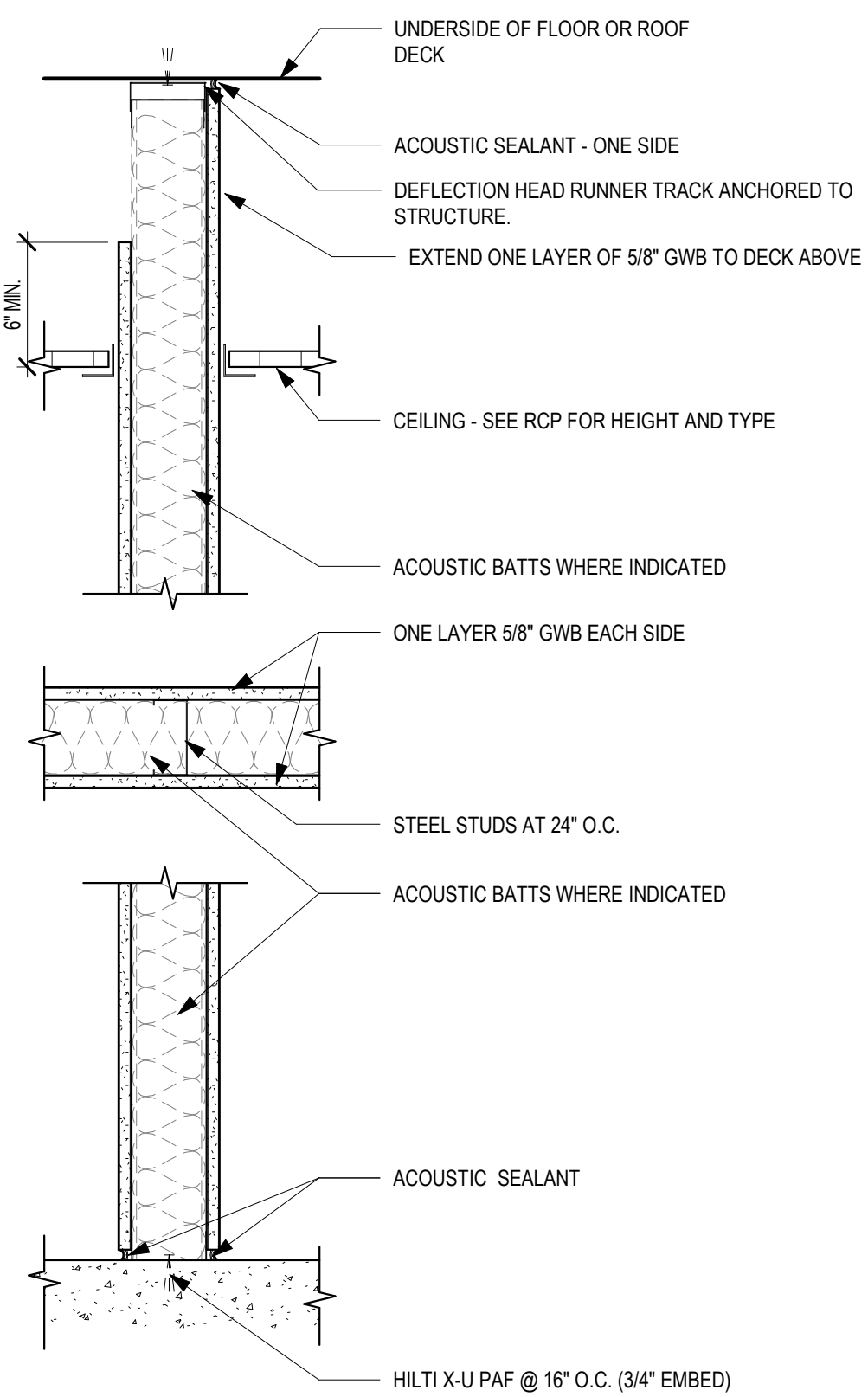
FIRE & LIFE SAFETY

**G1.01**  
 PROJECT NO.: 22008



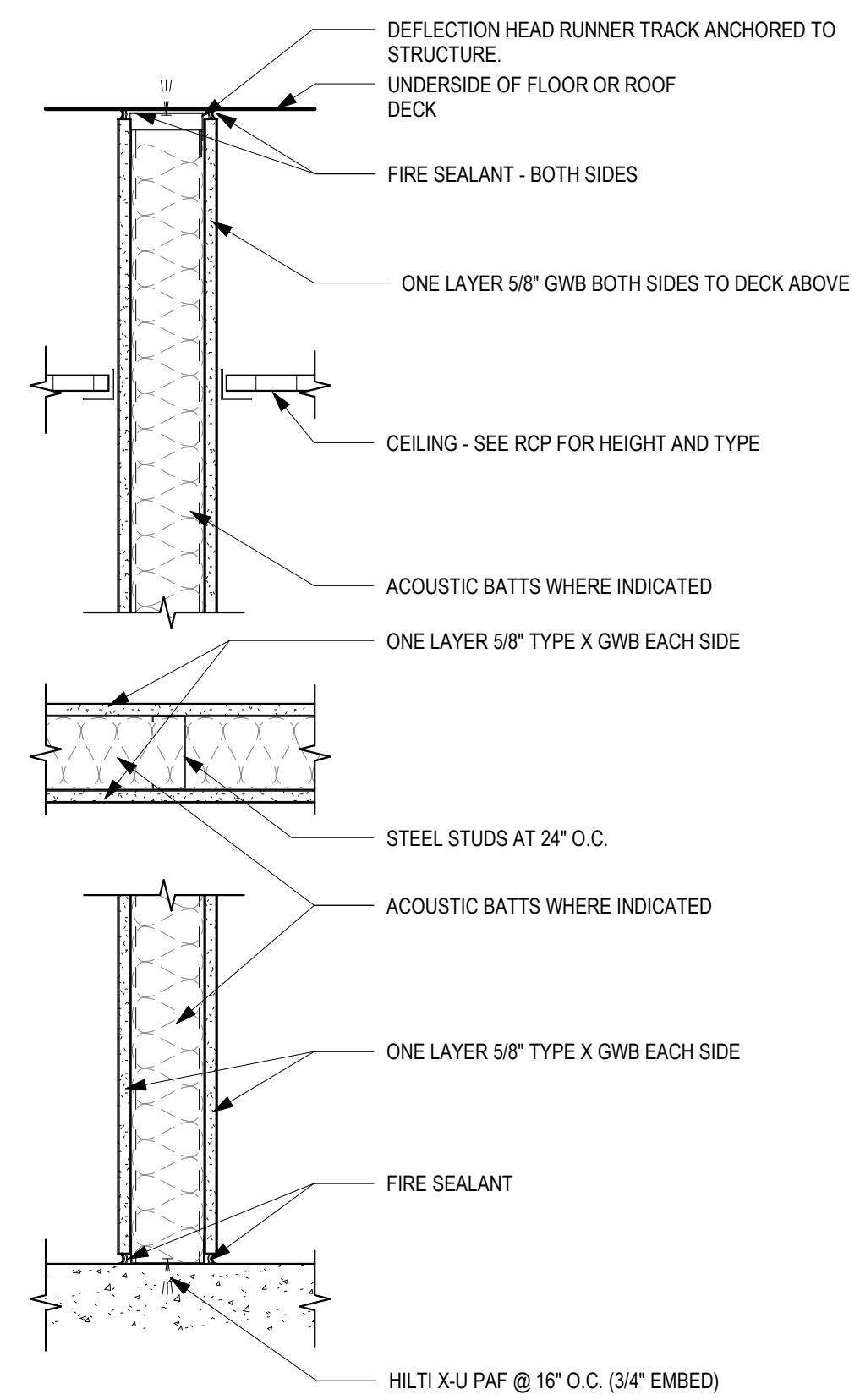
**STUD SIZE**  
 F11 = 3/8" R.C.  
 F12 = 2 1/2"  
 F13 = 3 5/8"  
 F16 = 6"

**F1**  
 62.01  
**FURRED OUT WALL**  
 1 1/2" = 1'-0"



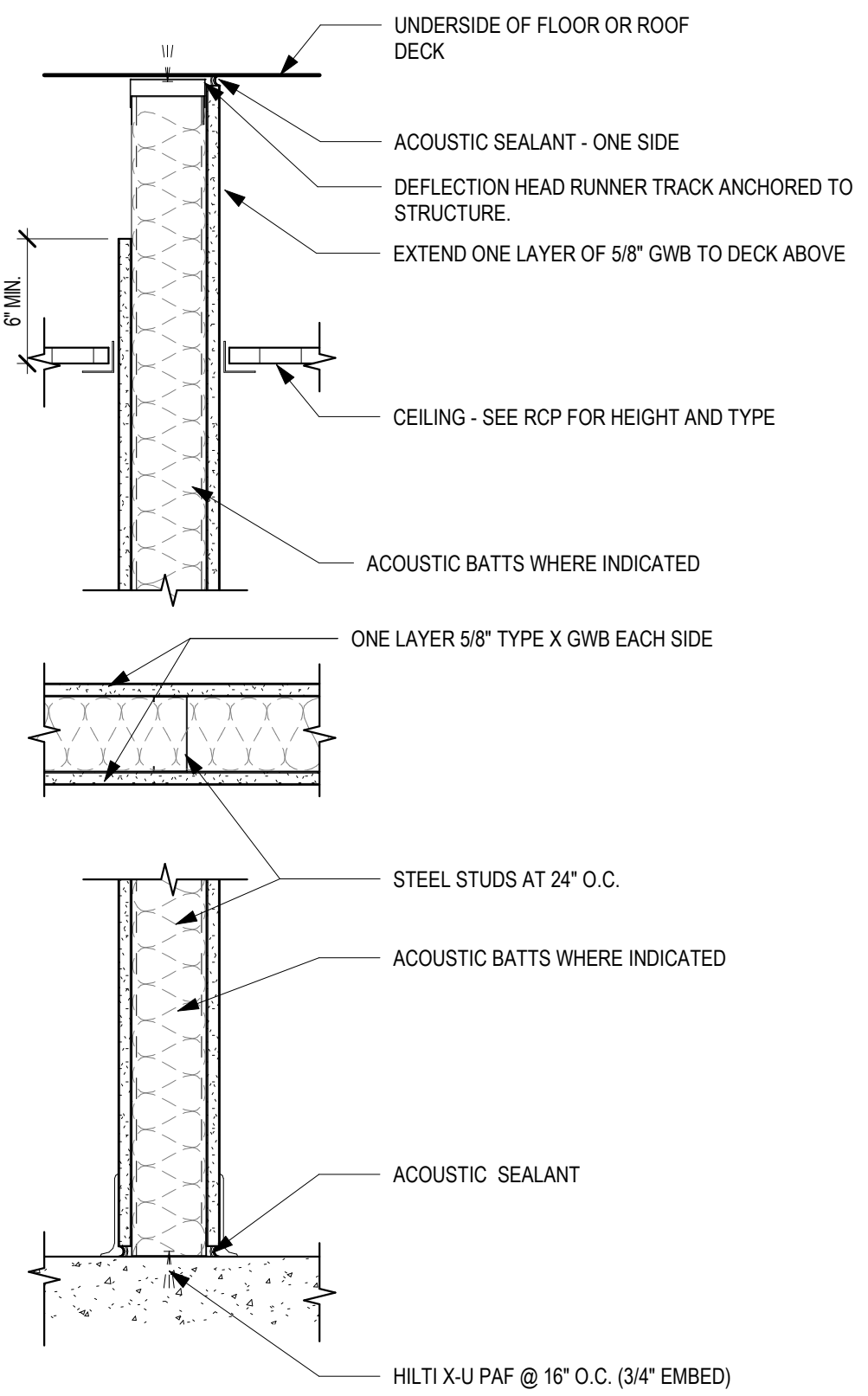
**STUD SIZE**  
 P33 = 3 5/8"  
 P36 = 6"

**P3**  
 62.01  
**GA FILE NO WP 1072 (GENERIC)  
 STC 45-49 WITH ACOUSTIC BATTS**  
**NON-RATED PARTITION TYPE 3**  
 1 1/2" = 1'-0"



**STUD SIZE**  
 R13 = 3 5/8"  
 R16 = 6"

**R1**  
 62.01  
**1 HOUR RATED FIRE BARRIER**  
 1 1/2" = 1'-0"



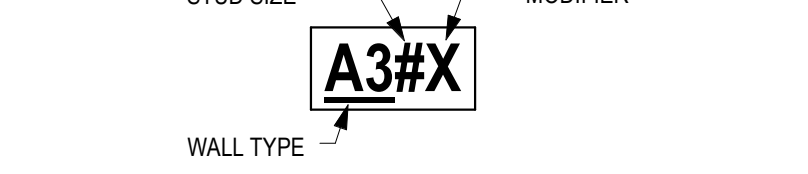
**STUD SIZE**  
 R03 = 3 5/8"  
 R06 = 6"

**R0**  
 62.01  
**GA FILE NO WP 1072 (GENERIC)  
 STC 45-49 WITH ACOUSTIC BATTS**  
**NON-RATED SMOKE PARTITION**  
 1 1/2" = 1'-0"

**GENERAL NOTES**

- NO SUBSTITUTIONS ALLOWED FOR ANY ASSEMBLY UNLESS SPECIFICALLY ALLOWED BY GYPSUM ASSOCIATION OR UL.
- WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO BE ADDED TO ONE OR BOTH SIDES OF FIRE RATED WALLS AND PARTITION SYSTEMS. WHEN APPLIED UNDER OR BETWEEN GYPSUM BOARD, THE FASTENERS SPECIFIED FOR THE ATTACHMENT OF THE GYPSUM SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE WOOD STRUCTURAL PANELS.
- UNLESS OTHERWISE SPECIFIED, STEEL STUDS AND RUNNERS USED IN ASSEMBLIES ARE TO BE FABRICATED FROM FLAT STEEL HAVING A BARE METAL THICKNESS OF NOT LESS THAN 0.0179" (25 GAGE). CONSULT STEEL STUD MANUFACTURER FOR PERFORMANCE DATA OF STUDS OF LESSER THICKNESS.
- METAL STUDS OF HEAVIER GAGE THAN THOSE TESTED SHALL BE PERMITTED.
- GREATER STUD SIZES (DEPTHS) SHALL BE PERMITTED TO BE USED IN WALL SYSTEMS.
- INDICATED STUD SPACINGS ARE MAXIMUMS.
- RATED PARTITIONS SHALL MAINTAIN CONTINUITY OF RATING.
- ALL FULL HEIGHT PARTITIONS SHALL ACCOMMODATE 1" (MIN) DEFLECTION AT HEAD TRACK. SEE SPECIFICATIONS FOR ADDITIONAL CRITERIA.
- OFFSET ALL PENETRATIONS IN RATED PARTITIONS AS REQUIRED TO MAINTAIN RATINGS.
- USE TAPERED EDGES OF GYPSUM BOARD AT ALL REVEALS AND FRAMES.
- STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) METAL FRAMING DESIGNATIONS USED WHERE APPLICABLE.
- SEE FINISH DRAWINGS FOR WALL FINISH.
- CONTRACTOR SHALL COORDINATE LOCATIONS AND TYPES OF BACKING PLATES AT ALL WALLS FOR MOUNTED FURNISHINGS, EQUIPMENT AND HANDRAILS.
- ALL WALLS WITH SPECIFIED STC TO HAVE ALL PENETRATIONS SEALED WITH RESILIENT CAULK.
- ALL WALLS WITH SPECIFIED STC TO USE PUTTY PADS AT BACK TO BACK JUNCTION BOXES LOCATED WITHIN THE SAME STUD CAVITY.

**WALL TAG**

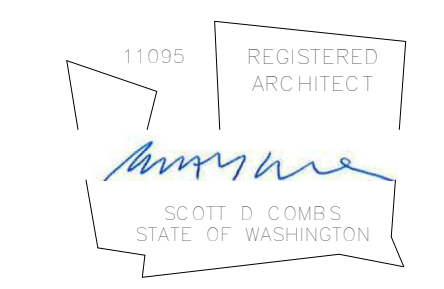


**MODIFIERS**

- A = PROVIDE CONTINUOUS ACOUSTIC BATTS
- B = PROVIDE ABUSE RESISTANT GWB
- C = PROVIDE 5/8" RESILIENT FURRING CHANNELS OVER FRAMING ON ONE SIDE
- L = PROVIDE LEAD LINED GYPSUM BOARD- EXTEND 7'-0" AFF MIN. SEE PHYSICIST REPORT
- T = PROVIDE CEMENTITIOUS BACKER BOARD AT TILE FINISHES
- S = SHEAR WALL FRAME PER STRUCTURAL

**ASSEMBLIES**

- GA WP 1072 (Generic)**  
 One layer 5/8" type X gypsum wallboard or gypsum veneer applied parallel or at right angles to each side of 3-5/8" steel studs 24" O.C. with 1" type S drywall screws 8" O.C. at vertical joints and 12" O.C. at floor and ceiling runners and intermediate studs. Joints staggered 24" on each side and on opposite sides. Sound tested with 3 1/2" glass fiber friction fit in stud space.
- GA WP 1052 (Generic)**  
 One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 3-5/8" steel studs 24" O.C. with 1" type S drywall screws 8" O.C. at vertical joints and 12" O.C. at wall perimeter and intermediate studs. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to ONE SIDE with 1 5/8" Type S drywall screws at 12" O.C. Joints staggered 24" each layer and side. Sound tested with 3 1/2" glass fiber friction fit in stud space.
- GA WP 1022 (Generic)**  
 Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 3-5/8" steel studs 24" O.C. with 1" type S drywall screws. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side with 1 5/8" Type S drywall screws at 12" O.C.
- GA WP 1051 / UL DESIGN U426 (Proprietary)**  
 One layer 1" x 24" proprietary type X gypsum panels inserted between 2 1/2" floor and ceiling J runners with T section of 2 1/2" steel or C-H or C-T studs between panels.  
 OPPOSITE SIDE: Base layer 1/2" proprietary type X gypsum wallboard applied at right angles to studs with 1" type S drywall screws 24" O.C. Face layer 1/2" type proprietary type X gypsum wallboard applied parallel to studs with 1 5/8" Type S drywall screws at 12" O.C.  
 Sound tested with 1 7/8" glass fiber friction fit in stud space.

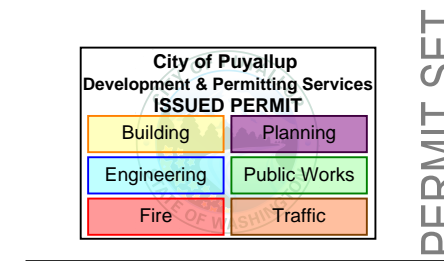


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**PARTITION TYPES**

**G2.01**  
 PROJECT NO.: 22008

PERMIT SET

**GENERAL NOTES**

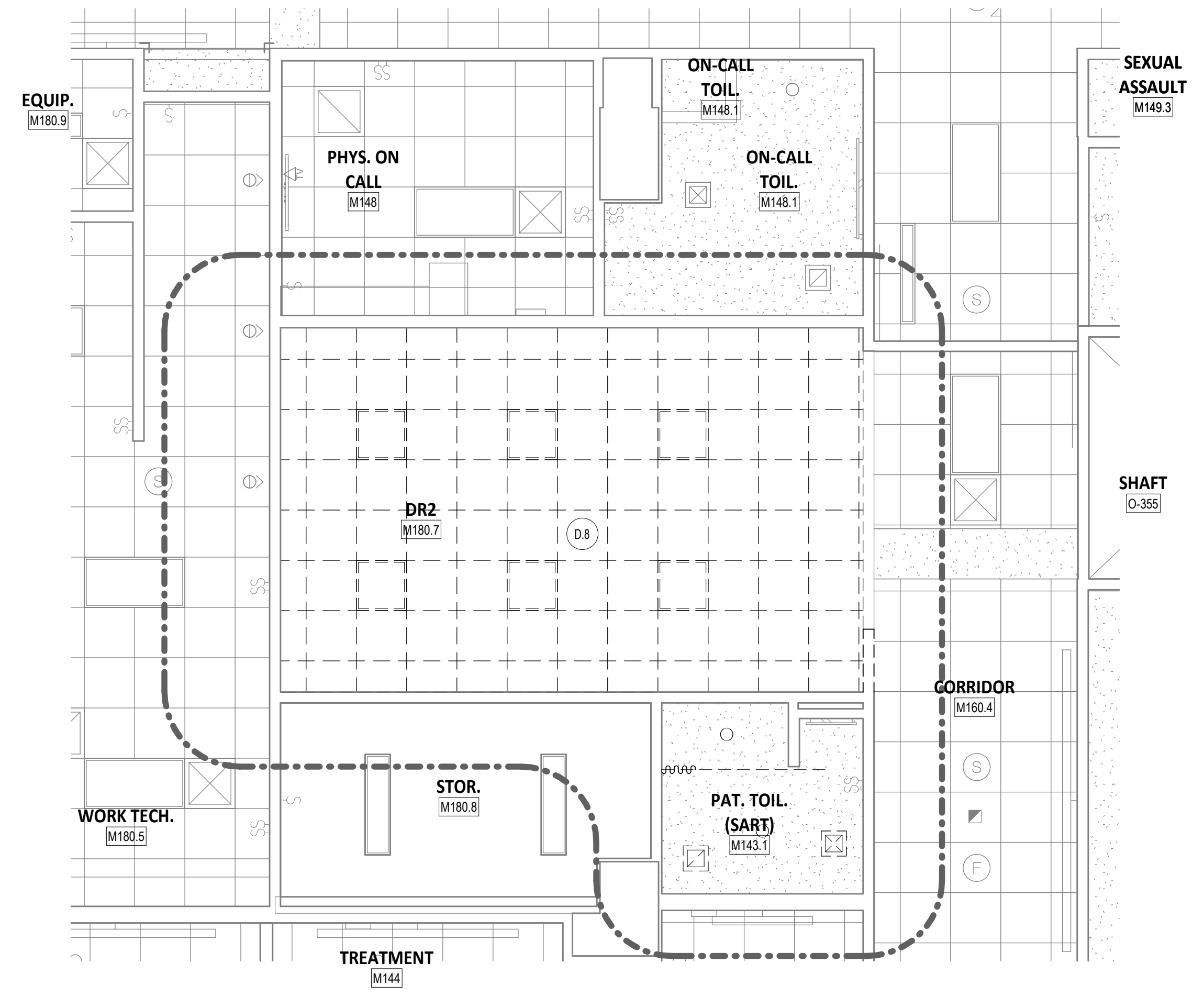
- CONTRACTOR SHALL VERIFY LIMITS OF DEMOLITION WORK
- THIS DRAWING IDENTIFIES ONLY MAJOR WORK FOR DEMOLITION AND REMOVAL. ALL AREAS OF DEMOLITION SHALL BE CLEARED OF ALL ITEMS MAJOR AND MINOR TO RECEIVE INSTALLATION OF NEW CONSTRUCTION AND FINISHES
- SEE REFLECTED CEILING PLANS FOR WORK THAT MAY IMPACT DEMOLITION
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. REPORT ANY DISCREPANCIES BETWEEN DIMENSIONS FOUND IN FIELD AND DIMENSIONS ON DRAWINGS TO ARCHITECT
- LOCATE ALL WIRES, PIPES, UTILITIES, STRUCTURAL MEMBERS, ETC. PRIOR TO ANY DEMOLITION. CUTTING OF ANY ITEM WHICH IS NOT PART OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, INCLUDING ANY TESTING OR SPECIAL OBSERVATION TO CORRECT THE PROBLEM
- PATCH AND PAINT WALLS, FLOORS, AND SUBFLOOR TO MATCH EXISTING WHERE WORK HAS DISTURBED EXISTING CONDITIONS.
- ALL EXISTING FINISHES ARE TO BE PROTECTED FROM DAMAGE. DAMAGED AREAS SHALL BE REPAIRED AT NO COST TO THE OWNER.

**LEGEND**

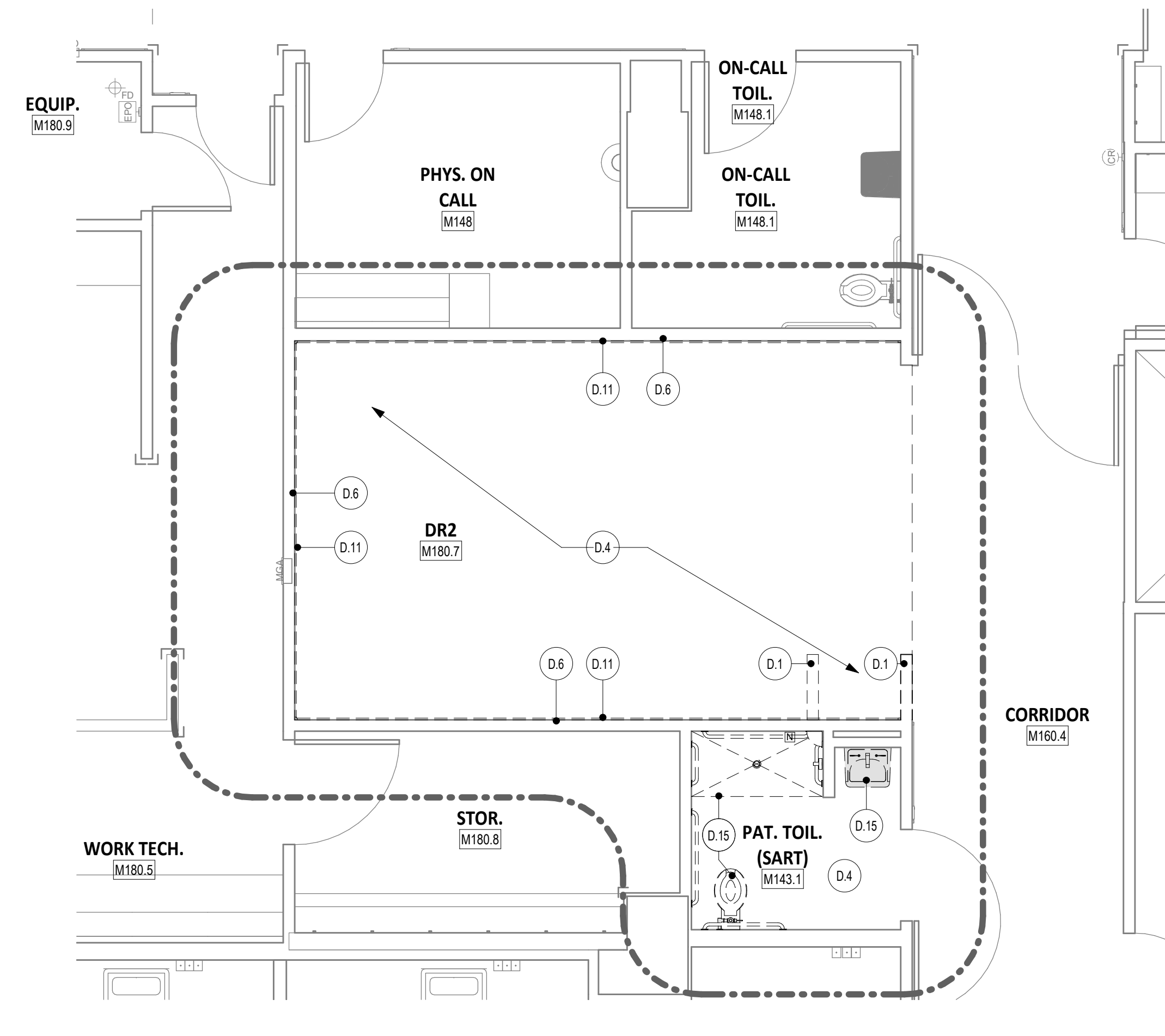
- EXISTING PARTITION TO BE REMOVED
- EXISTING PARTITION TO REMAIN

**KEYNOTES**

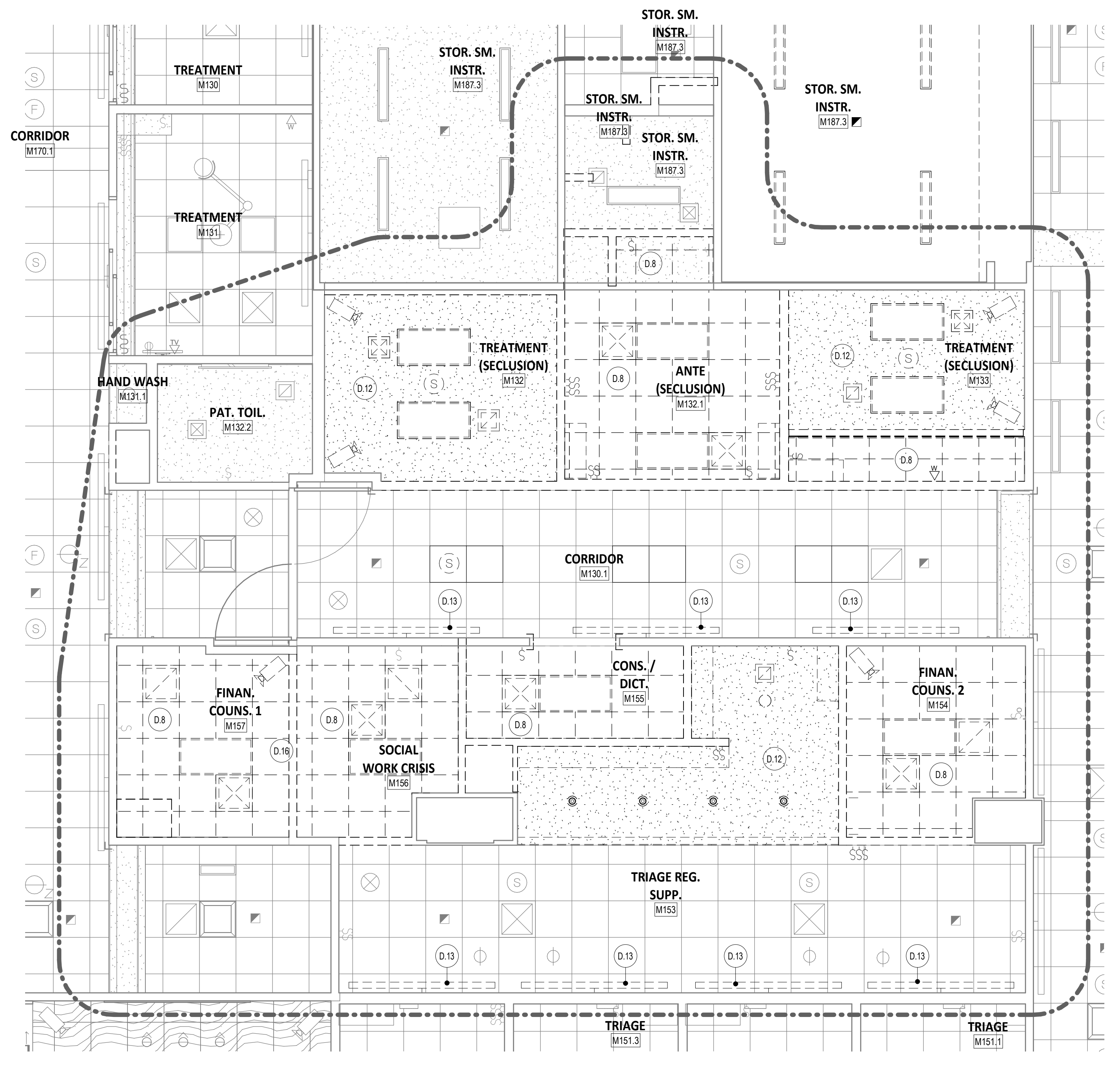
- D.1 REMOVE PARTITION WALL. REMOVE ELECTRICAL AND PLUMBING ITEMS BACK TO MAIN.
- D.2 REMOVE EXISTING DOOR, HARDWARE AND FRAME ASSEMBLY
- D.3 REMOVE CASEWORK
- D.4 REMOVE FINISHES. PREP FOR NEW
- D.5 REMOVE PLUMBING FIXTURES. DEMOLISH PLUMBING LINES BACK TO MAIN.
- D.6 REMOVE GYPSUM LAYER ON WALL. PREP FOR NEW INSTALLATION.
- D.7 CUT WALL FOR NEW OPENING.
- D.8 DEMO CEILING GRID, AIR TERMINALS AND LIGHT FIXTURES.
- D.9 RELOCATE PNEUMATIC TUBE SYSTEM TO NEW POOT ROOM
- D.10 RELOCATE DOOR CONTROLS FOR NEW DOOR OPENING
- D.11 REMOVE BUMPER RAIL. SALVAGE AND REUSE WHERE NEEDED AT INFILLED DOOR LOCATIONS.
- D.12 DEMO GYP CEILING, AIR TERMINALS AND LIGHT FIXTURES.
- D.13 REMOVE WALL LIGHTS. SALVAGE TO OWNER.
- D.14 REMOVE NURSE CALL. SALVAGE AND REUSE AT ENHANCED SECURITY.
- D.15 REMOVE PLUMBING FIXTURES. PREP FOR REINSTALL OF NEW FIXTURES.
- D.16 DEMO THIS WALL ONLY TO JUST ABOVE THE CEILING OF NEW SPACE.



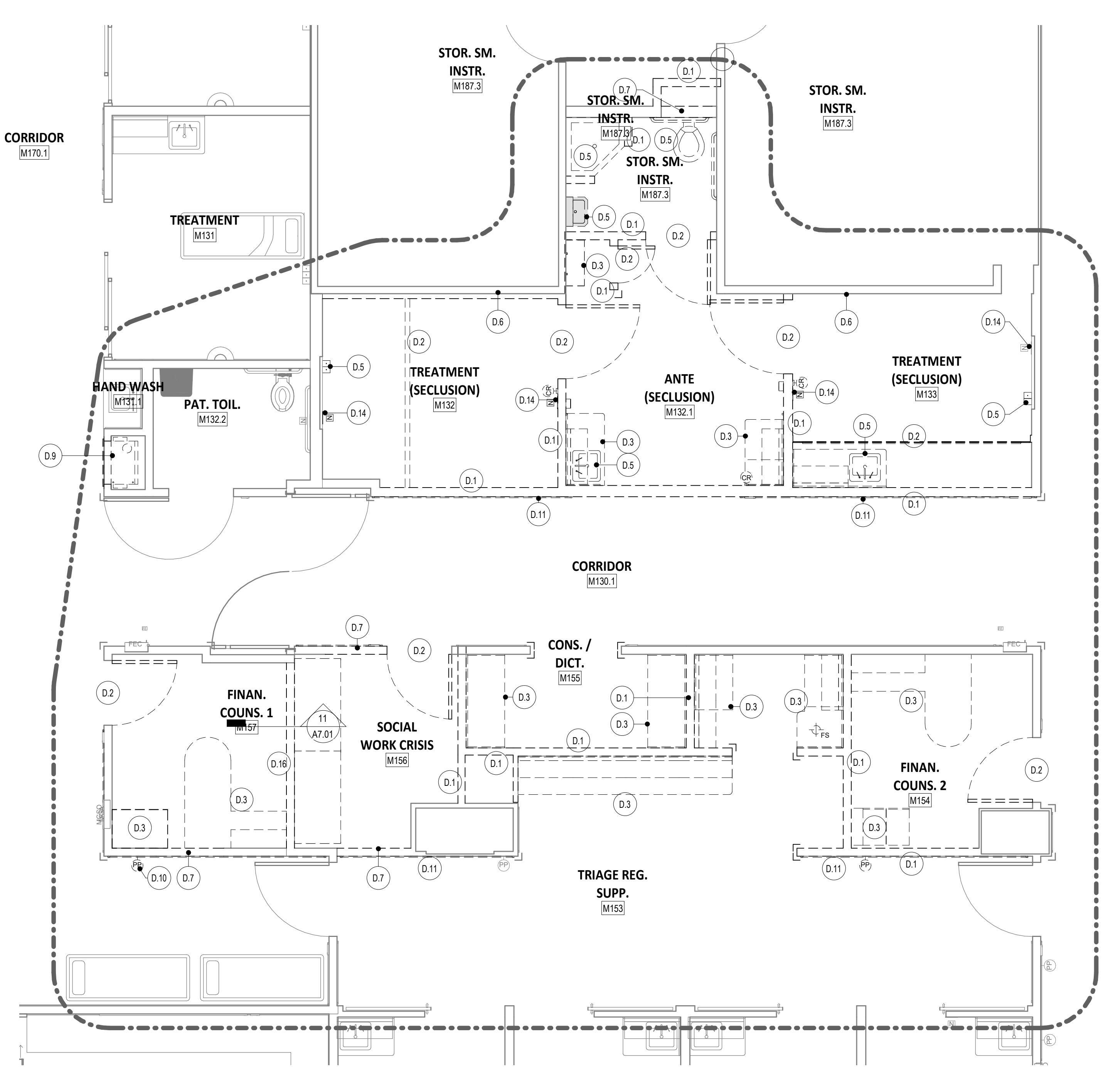
4 DEMO RCP - ENHANCED SAFETY  
D3.11 1/4" = 1'-0"



3 DEMO PLAN - ENHANCED SAFETY  
D3.11 1/4" = 1'-0"



2 DEMO RCP - FAST TRACK  
D3.11 1/4" = 1'-0"



1 DEMO PLAN - FAST TRACK  
D3.11 1/4" = 1'-0"

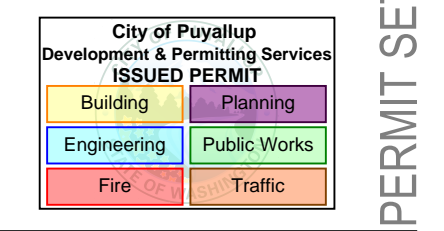
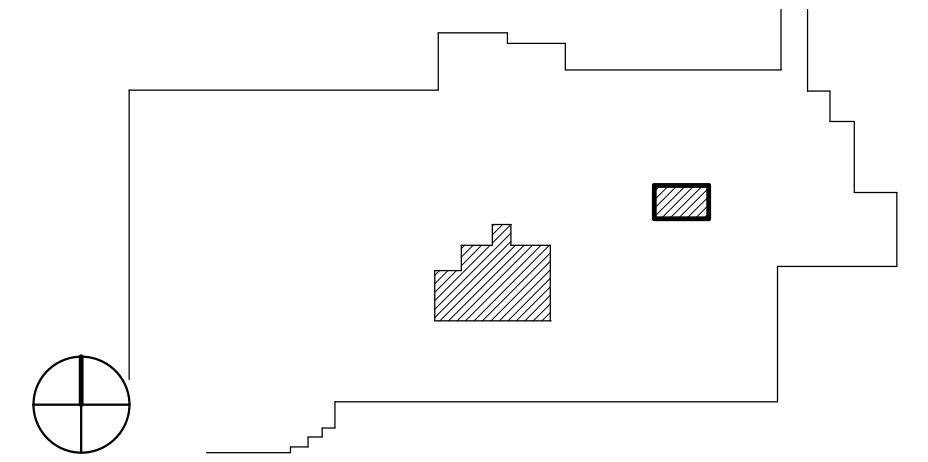
**ED - FAST TRACK AREA REMODEL**

Multicare Good Samaritan Hospital  
401 16th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
REVISIONS:

**KEY PLAN**



DEMOLITION PLAN & RCP

**D3.11**  
PROJECT NO: 22008

**GENERAL NOTES - FLOORPLAN**

1. SEE PARTITION TYPES SHEET FOR LEGEND AND CONSTRUCTION ASSEMBLIES.
2. ALL DIMENSIONS TO FACE OF STUD UNLESS OTHERWISE NOTED.
3. SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.
4. INTEGRAL BASE TO BE INSTALLED IN ALL TOILET ROOMS (UNLESS NOTED OTHERWISE).

**LEGEND - FLOORPLAN**

- EXISTING PARTITION
- NEW PARTITION
- NEW CARD READER

**GENERAL NOTES - RCP**

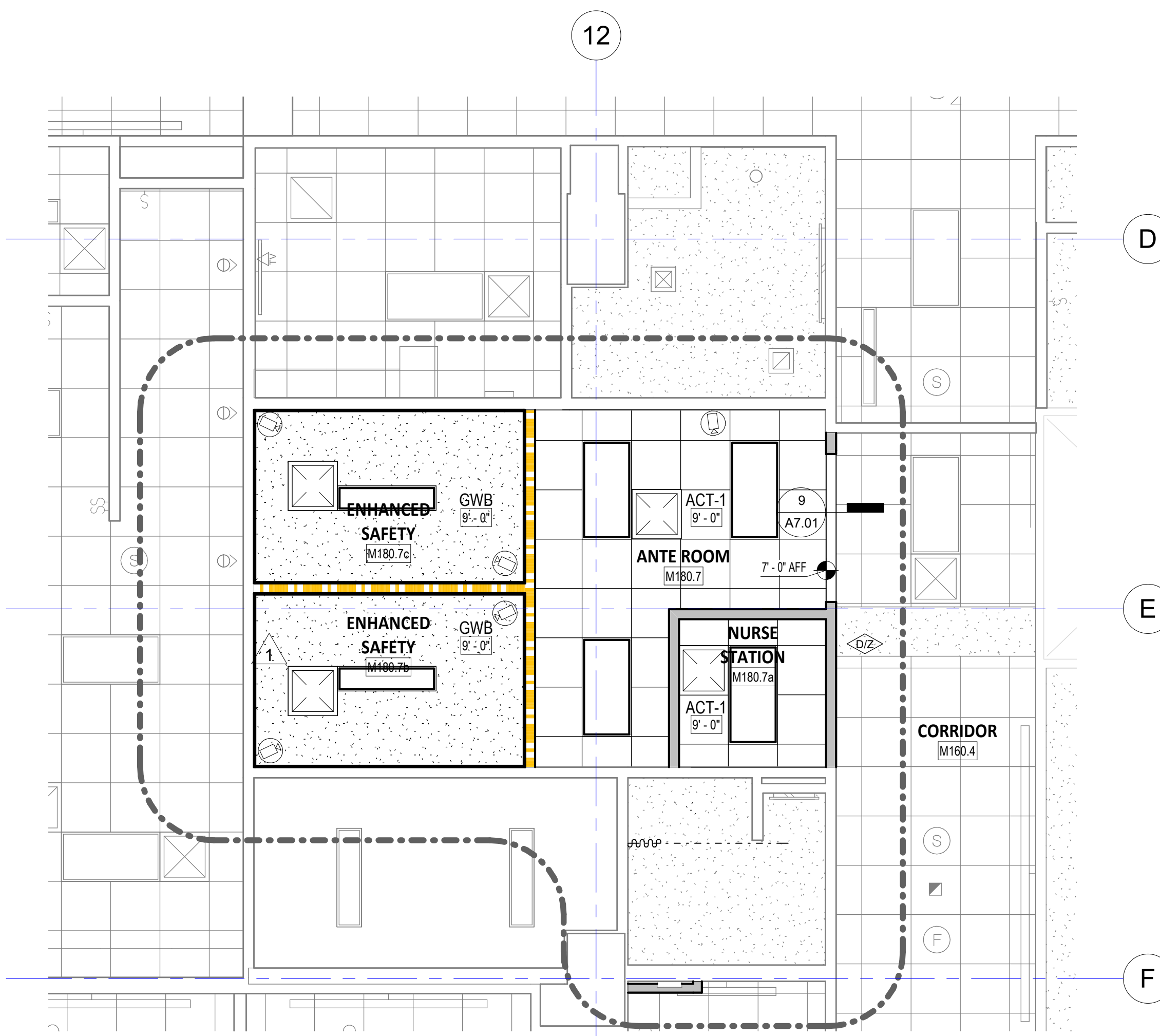
1. ALL CEILING HEIGHTS ARE RELATIVE TO TOP OF SLAB OR SUBFLOOR, UNLESS NOTED OTHERWISE.
2. SEE ELECTRICAL AND MECHANICAL PLANS FOR LOCATIONS OF FIXTURES AND EQUIPMENT.
3. FIELD VERIFY EXISTING CEILING LAYOUTS PRIOR TO ANY WORK.
4. SUSPENSION SYSTEMS FOR NEW AND EXISTING SUSPENDED GYPSUM BOARD CEILING SHALL BE MODIFIED TO FRAME AROUND CEILING INSTALLED ITEMS. SEE MECHANICAL AND ELECTRICAL DRAWINGS.
5. INSTALL BLOCKING AND BACKING FOR WINDOW COVERING TRACKS.
6. REMOVE EXISTING CEILING WHERE NEW CEILING IS SHOWN TO BE INSTALLED.
7. FOR TOP OF WALL DETAILS AND HEIGHT OF GYP BOARD ON WALLS, SEE PLANS, PARTITION TYPES, AND DETAILS.
8. RECESSED FIXTURES ARE TO MAINTAIN RATINGS WHERE LOCATED IN RATED CEILING ASSEMBLIES.

**LEGEND - RCP**

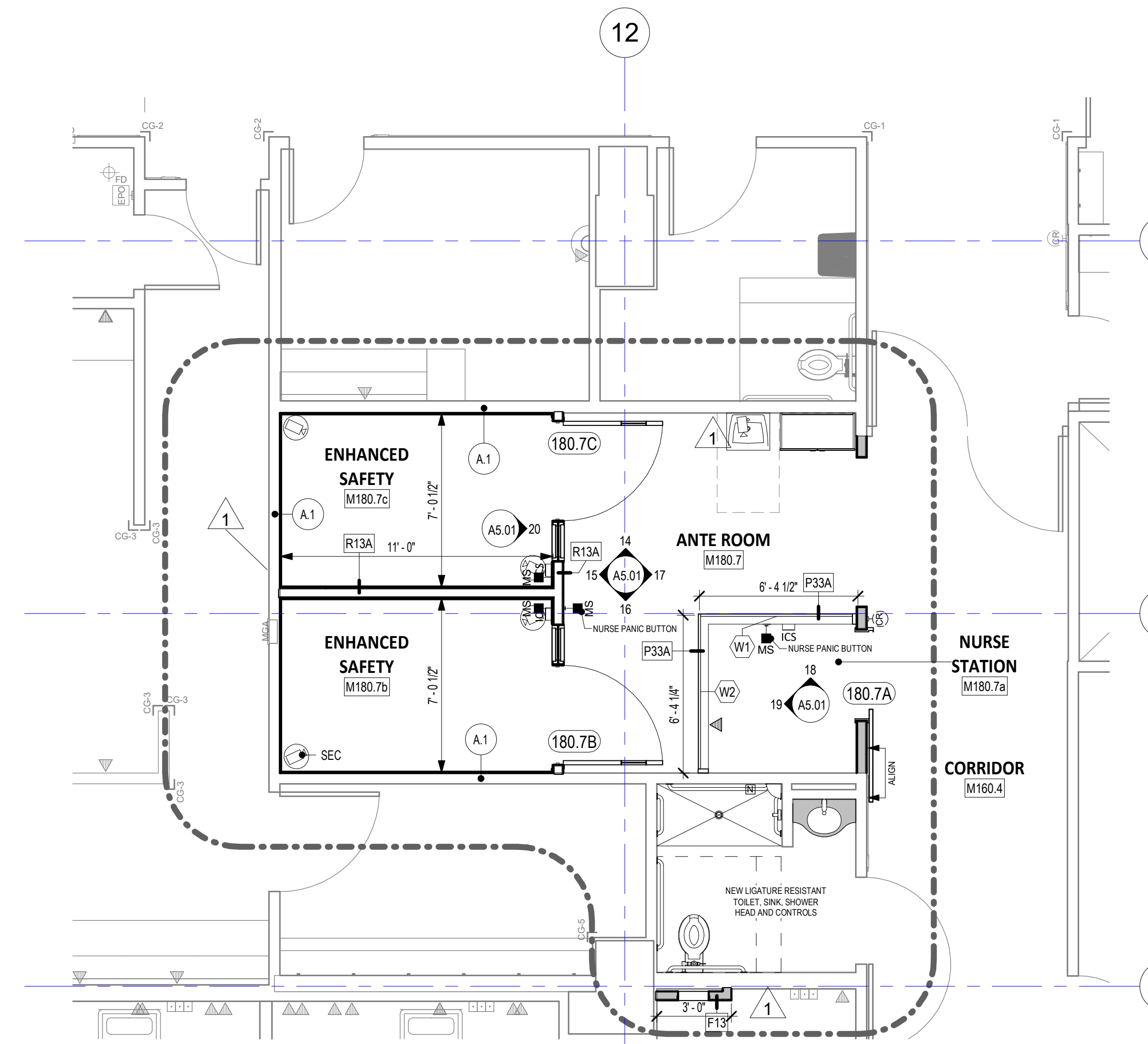
- CEILING MATERIAL
- CEILING TAG
- CEILING HEIGHT
- GYPSUM BOARD CEILING
- ACT-1: 2x2"
- 2 x 4 DROP-IN FIXTURE
- RECESSED DOWNLIGHT
- UNDERCABINET LIGHT
- CUBICLE CURTAIN

**KEYNOTES**

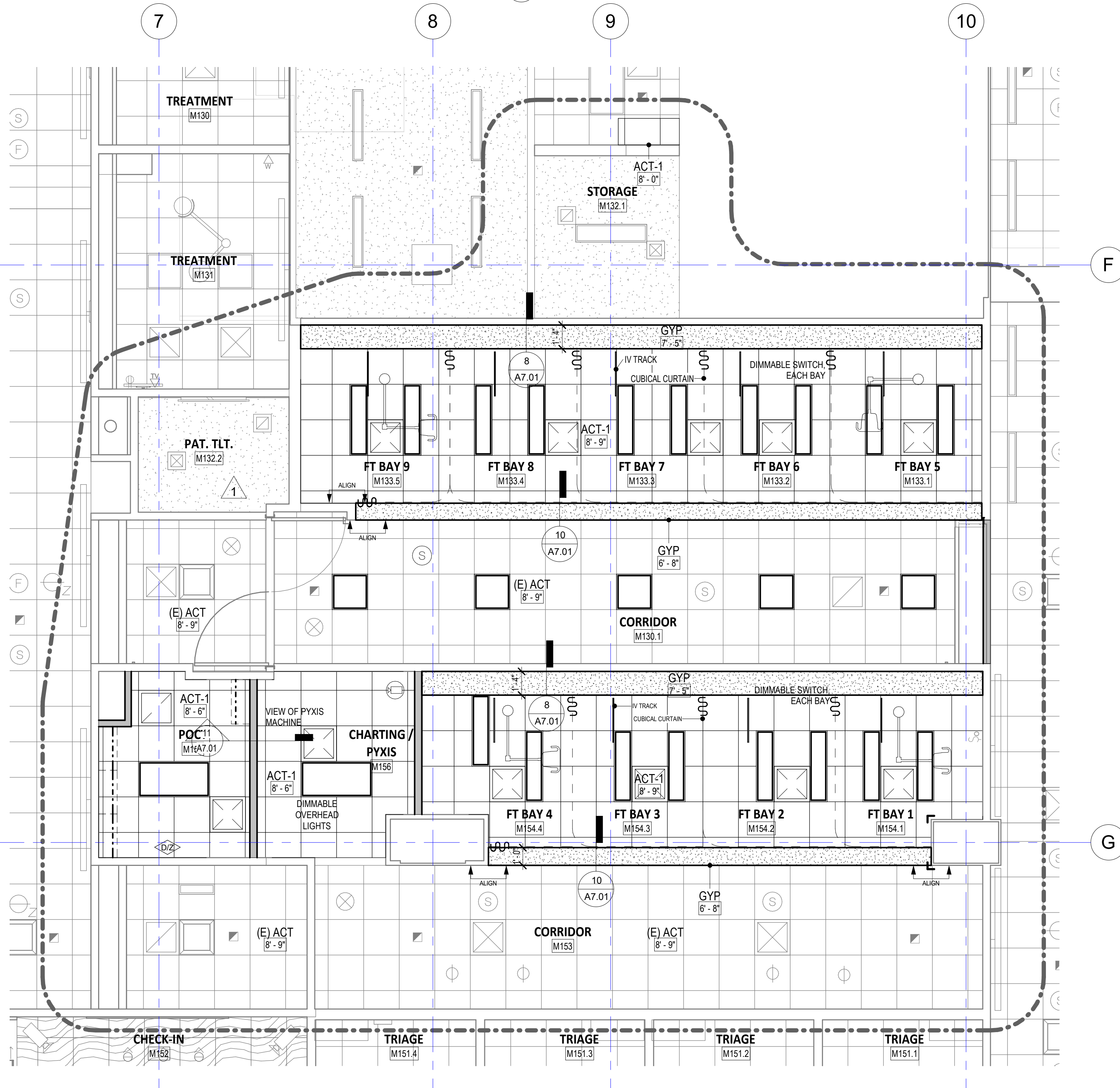
- A.1 VERIFY EXISTING WALLS GO TO ABOVE STRUCTURE. NEEDS TO BE BROUGHT UP TO 1-HR RATED ASSEMBLY IF NOT. SEE PARTITION TYPES.



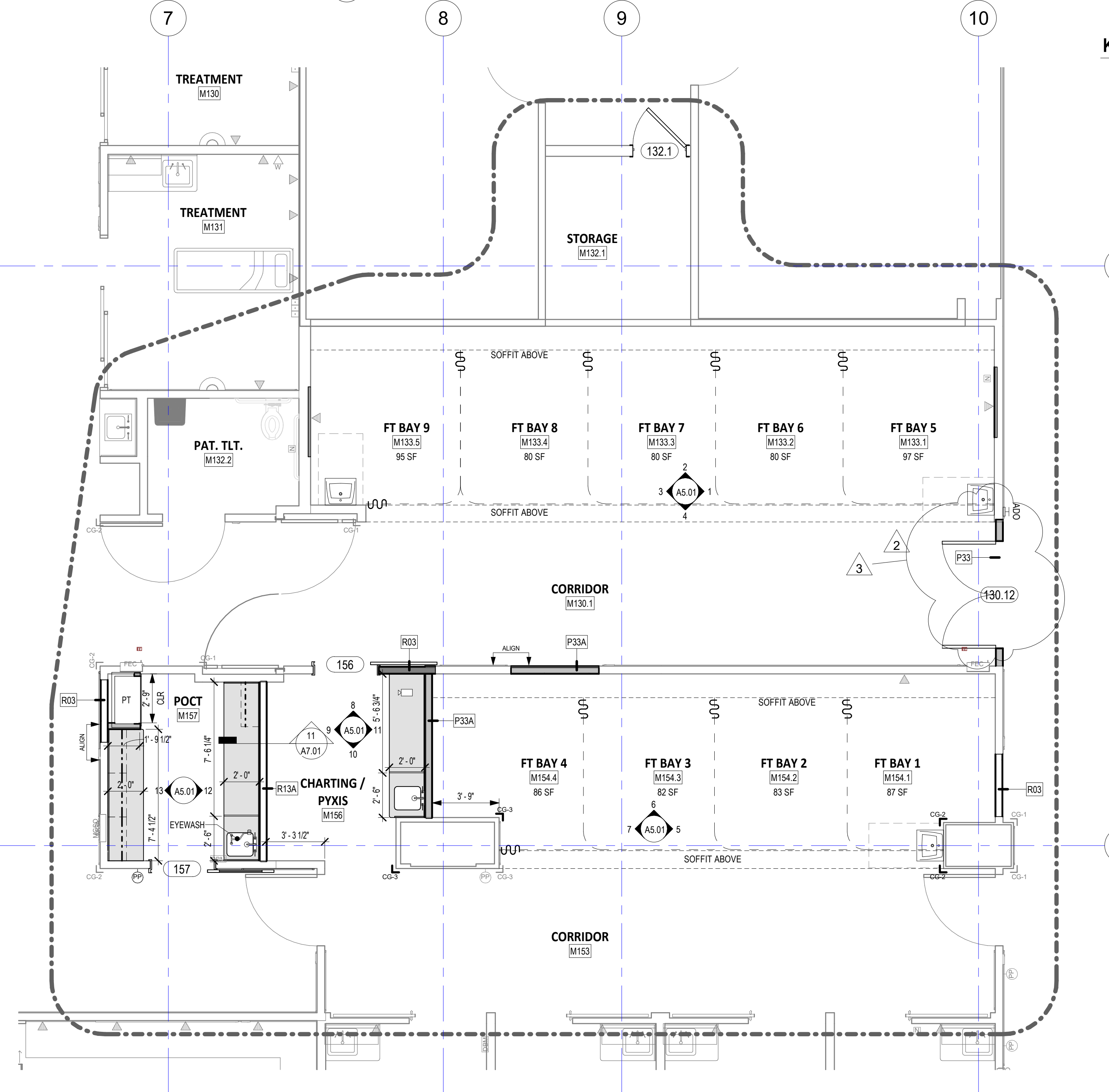
4 RCP - ENHANCED SAFETY  
1/4" = 1'-0"



3 ENLARGED PLAN - ENHANCED SAFETY  
1/4" = 1'-0"

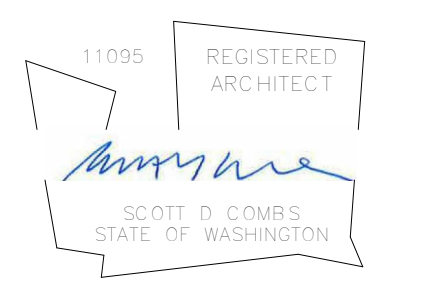
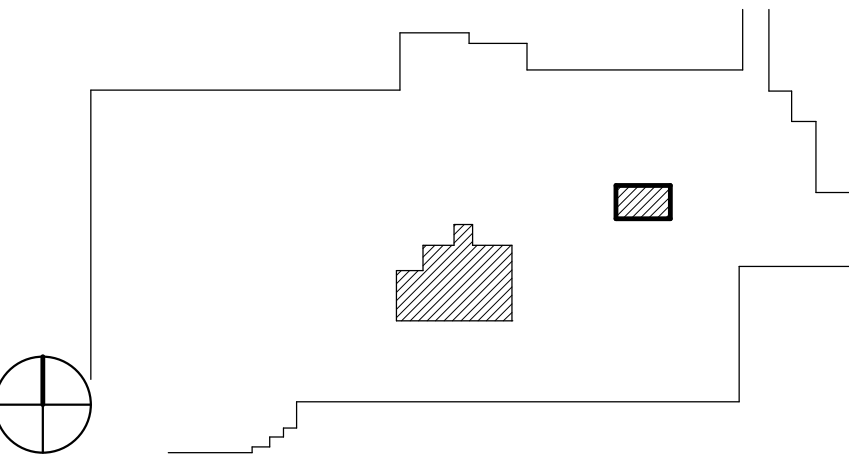


2 RCP - FAST TRACK  
1/4" = 1'-0"



1 ENLARGED PLAN - FAST TRACK  
1/4" = 1'-0"

**KEY PLAN**



PRCT20231772

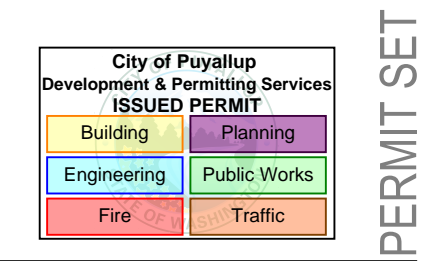
**ED - FAST TRACK AREA REMODEL**

Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22

- REVISIONS:
- |   |          |            |
|---|----------|------------|
| 1 | ASH #001 | 01.15.2024 |
| 2 | ASH #002 | 02.27.2024 |
| 3 | ASH #003 | 04.02.2024 |



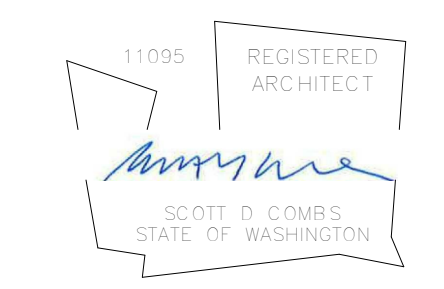
ENLARGED FLOOR PLAN & RCP

**A2.11**  
PROJECT NO.: 22008



**GENERAL NOTES - FINISHES**

1. FILL ALL HOLES, CRACKS AND RECESSES IN CONCRETE FLOOR WITH NON-SHRINK GROUT FOR A SMOOTH FINISH PREPARED TO RECEIVE FLOOR FINISH.
2. HEAT WELD ALL SHEET VINYL SEAMS.
3. TOP-SET RUBBER OR VINYL WALL BASE, WHERE USED, SHALL BE SEALED TIGHTLY TO THE FLOOR AS WELL AS TO THE WALL.
4. GENERAL WALL PAINT IS P-1 UNLESS NOTED OTHERWISE.
5. PLUMB SCOFFITS TO MATCH UPPER CABINET U/A.O.
6. PROVIDE BACKPLASH MATCHING COUNTER MATERIAL WHERE COUNTER ABUTS WALL (UNLESS NOTED OTHERWISE).
7. 6" INTEGRAL BASE TO BE INSTALLED IN ALL TOILET ROOMS (UNLESS NOTED OTHERWISE).



PRCT120231772

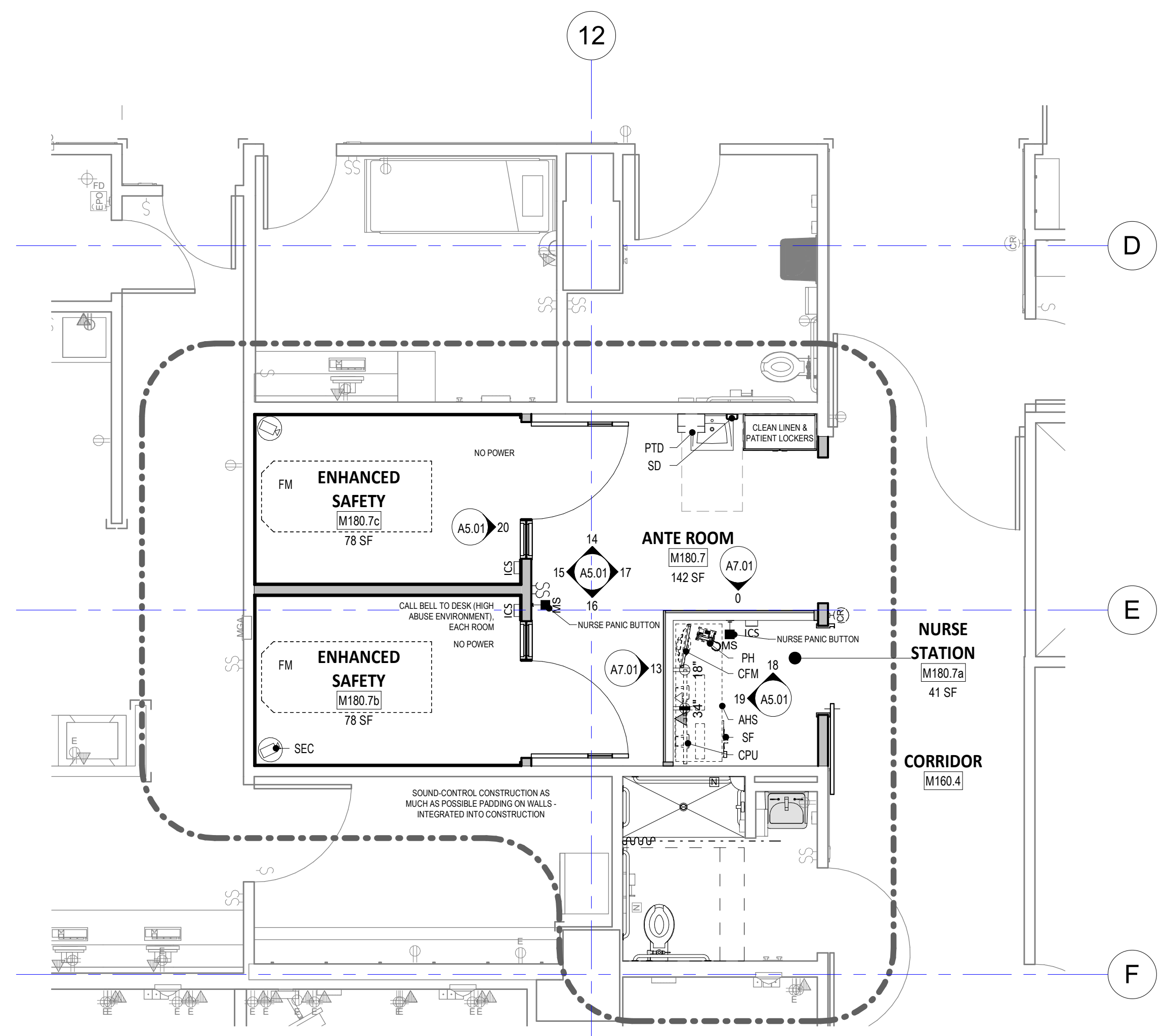
**LEGEND - FINISHES**

- P-2 FLOOR FINISH
- P-2 ACCENT WALL FINISH
- CG CORNER GUARD

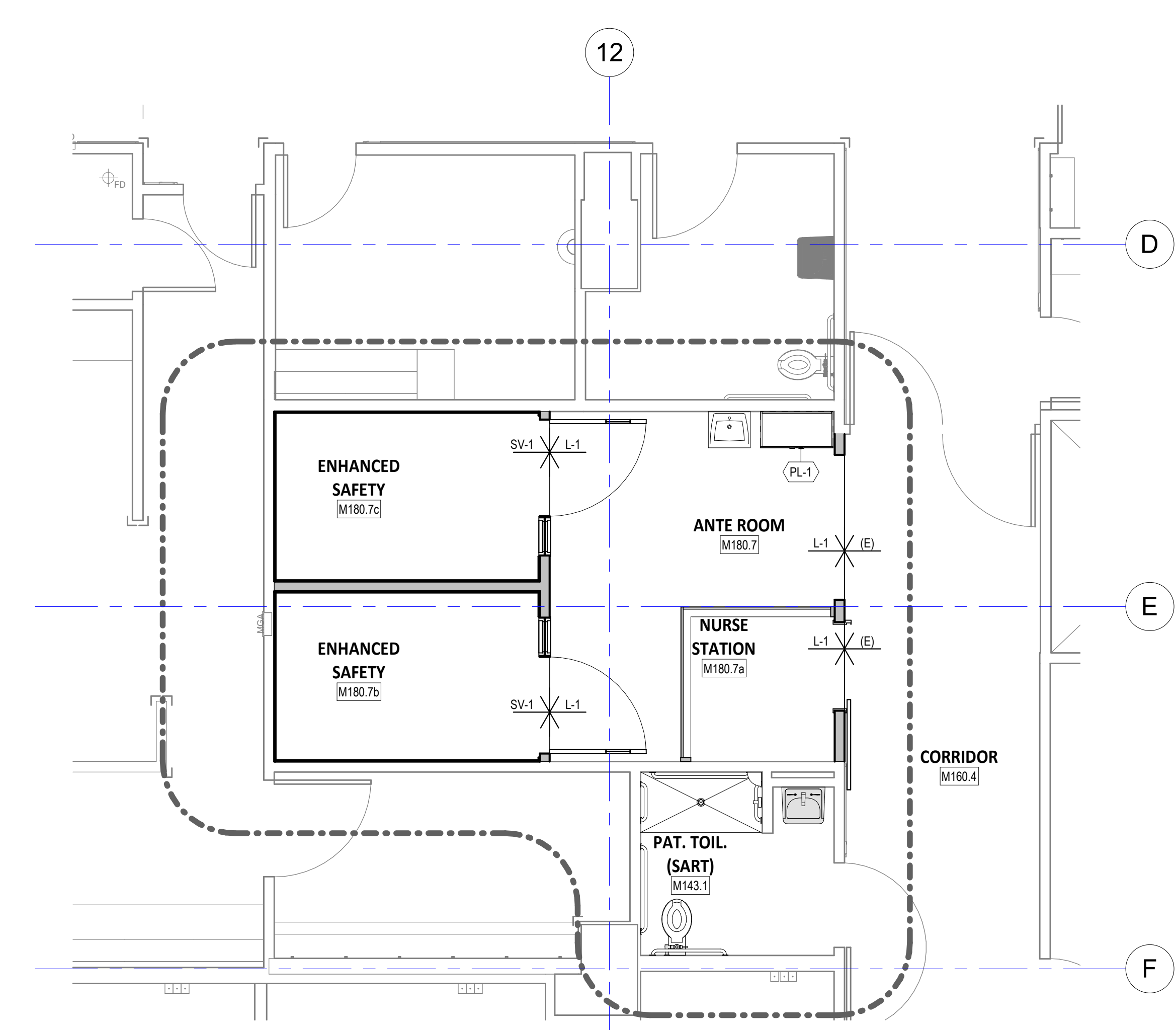
**KEYNOTES**

EQUIPMENT SCHEDULE							
TAG	RM #	RM NAME	DESCRIPTION	(E) / NEW	OFOI	OFCI	CFCI
PTD	M180.7	ANTE ROOM	PAPER TOWEL DISPENSER			X	
SD	M180.7	ANTE ROOM	SOAP DISPENSER			X	
CPU	M180.7a	NURSE STATION	COMPUTER		X		
PH	M180.7a	NURSE STATION	PHONE		X		
SF	M180.7a	NURSE STATION	SAFE		X		
FM	M180.7b	ENHANCED SAFETY	FLOOR MATTRESS		X		
FM	M180.7c	ENHANCED SAFETY	FLOOR MATTRESS		X		

FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR		WALLS				COMMENTS		
		FLOOR	BASE	NORTH	EAST	SOUTH	WEST			
				WALL PROTECTION	PAINT	WALL PROTECTION	PAINT		WALL PROTECTION	PAINT
M143.1	PAT. TOIL (SART)	CT-11	CT-10b							
M180.7	ANTE ROOM	L-1	RB-1	P-1	P-1	P-1	P-1			
M180.7a	NURSE STATION	L-1	RB-1	P-1	P-1	P-1	P-1			
M180.7b	ENHANCED SAFETY	SV-6		P-2	P-1	P-1	P-1		WALL PADDING TO BE SEALED TO FLOOR	
M180.7c	ENHANCED SAFETY	SV-6		P-1	P-1	P-2	P-1		WALL PADDING TO BE SEALED TO FLOOR	



**2** EQUIPMENT PLAN - ENHANCED SAFETY  
A2.52 1/4" = 1'-0"



**1** FINISH PLAN - ENHANCED SAFETY  
A2.52 1/4" = 1'-0"

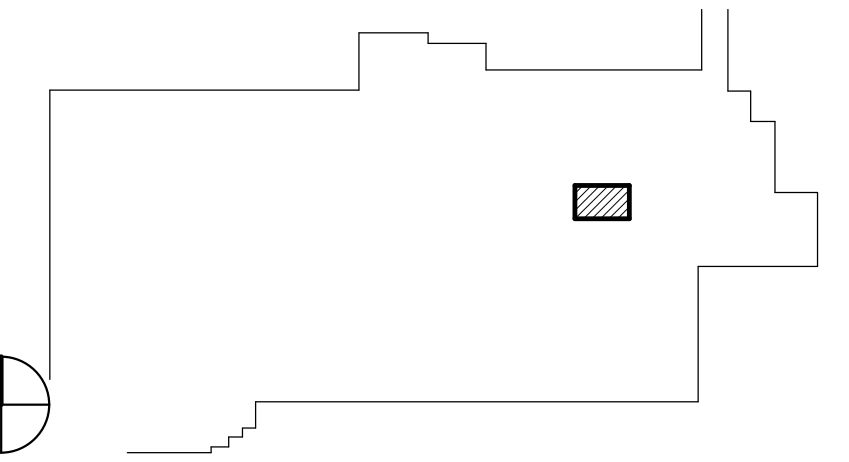
**GENERAL NOTES - EQUIPMENT**

1. HALFTONED ELEMENTS ARE NOT IN CONTRACT, SHOWN FOR REFERENCE AND DESIGN INTENT PURPOSES ONLY.
2. COORDINATE W/ MANUFACTURER FOR LOCATIONS TO PROVIDE WALL BACKING.

**LEGEND - EQUIPMENT**

- OFOI - OWNER FURNISHED, OWNER INSTALLED
- OFCI - OWNER FURNISHED, CONTRACTOR INSTALLED
- CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

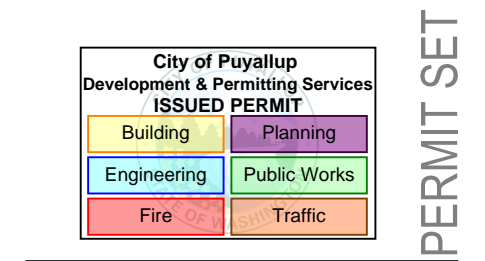
**KEY PLAN**



**ED - FAST TRACK AREA REMODEL**  
 Multicare Good Samaritan Hospital  
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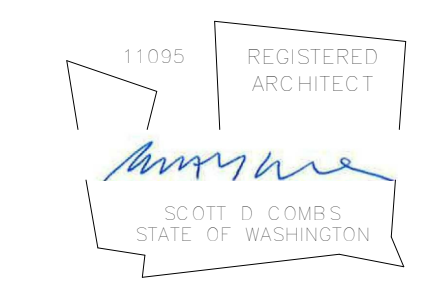


ISSUE DATE: 09.15.22  
REVISIONS:



**INTERIOR FINISH & EQUIPMENT PLAN - ENHANCED SAFETY**

**A2.52**  
PROJECT NO.: 22008



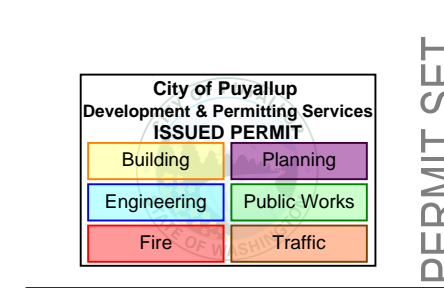
PRCT120231772

# ED - FAST TRACK AREA REMODEL

Multicare Good Samaritan Hospital  
 401 16th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
 REVISIONS:



INTERIOR ELEVATIONS

A5.01  
 PROJECT NO.: 22008

### GENERAL NOTES

- CABINETMAKER SHALL COORDINATE WITH OTHER TRADES, VENDORS AND OWNER FOR ITEMS INSTALLED IN AND AROUND CABINETRY.
- GROMMETS AND ELECTRICAL OUTLETS: INSTALL GROMMETS IN COUNTERTOPS FOR ALL UNDER-COUNTER OUTLETS AS FOLLOWS:  
 1 1/2" DIA. GROMMET FOR UP TO 2 OUTLETS  
 2 1/2" DIA. GROMMET FOR UP TO 4 OUTLETS
- COORDINATE MOUNTING HEIGHTS FOR ALL SIGNAGE, EQUIPMENT AND FIXTURES WITH STANDARD MOUNTING HEIGHT DRAWING.
- PRIOR TO COVERING WALL, BACKING SHALL BE PROVIDED TO ACCOMMODATE ALL HUNG ITEMS AND ACCESSORIES CALLED FOR ON THE CONSTRUCTION DOCUMENTS. SUCH ITEMS CONSIST OF, BUT ARE NOT LIMITED TO: UPPER CABINETS, STORAGE SHELVING, TELEVISIONS, COMPUTER MONITORS, LAVATORY ACCESSORIES, AND FUTURE INSTALLATION OF GRAB BARS AT THE SIDES OF WATER CLOSETS.

### LEGEND - EQUIPMENT

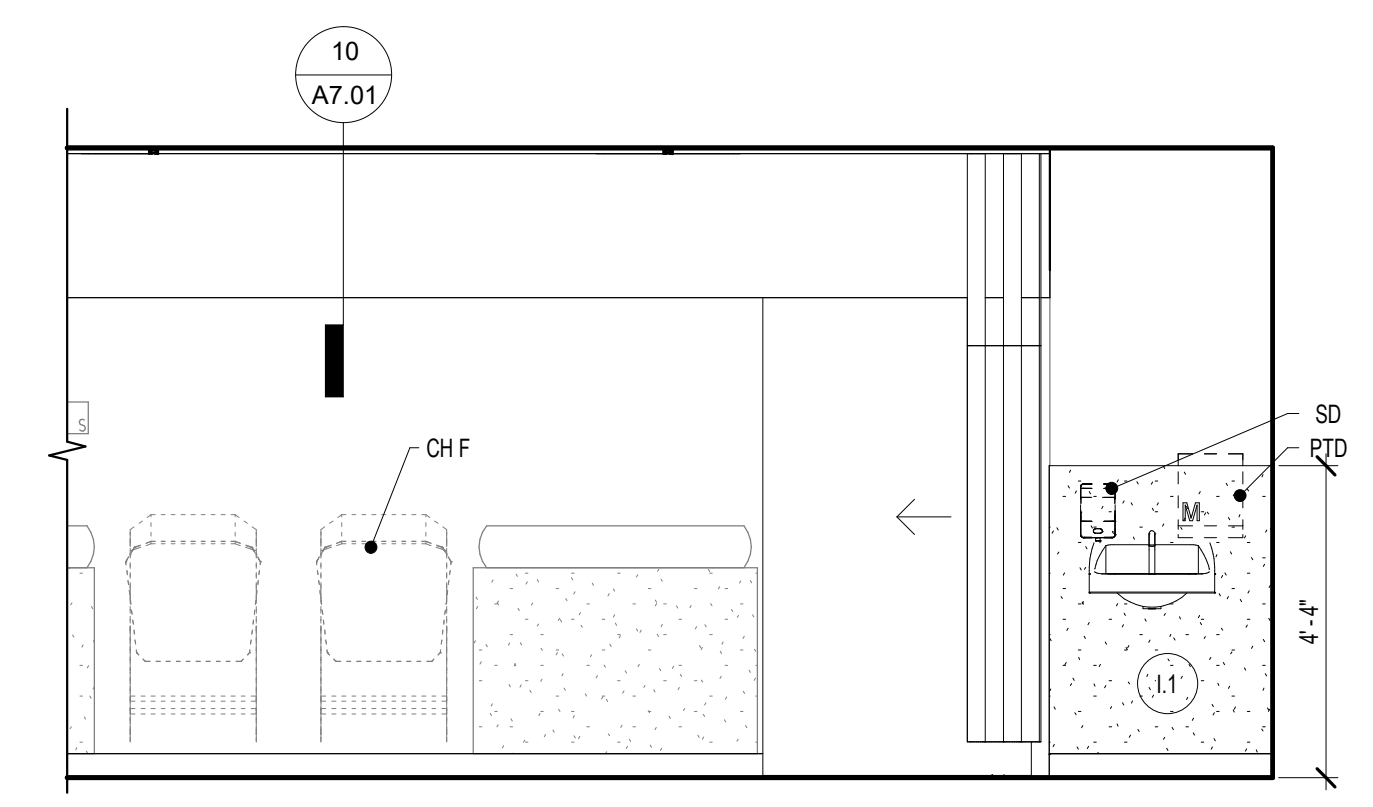
- OFI - OWNER FURNISHED, OWNER INSTALLED
- OCF - OWNER FURNISHED, CONTRACTOR INSTALLED
- CFI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

### KEYNOTES

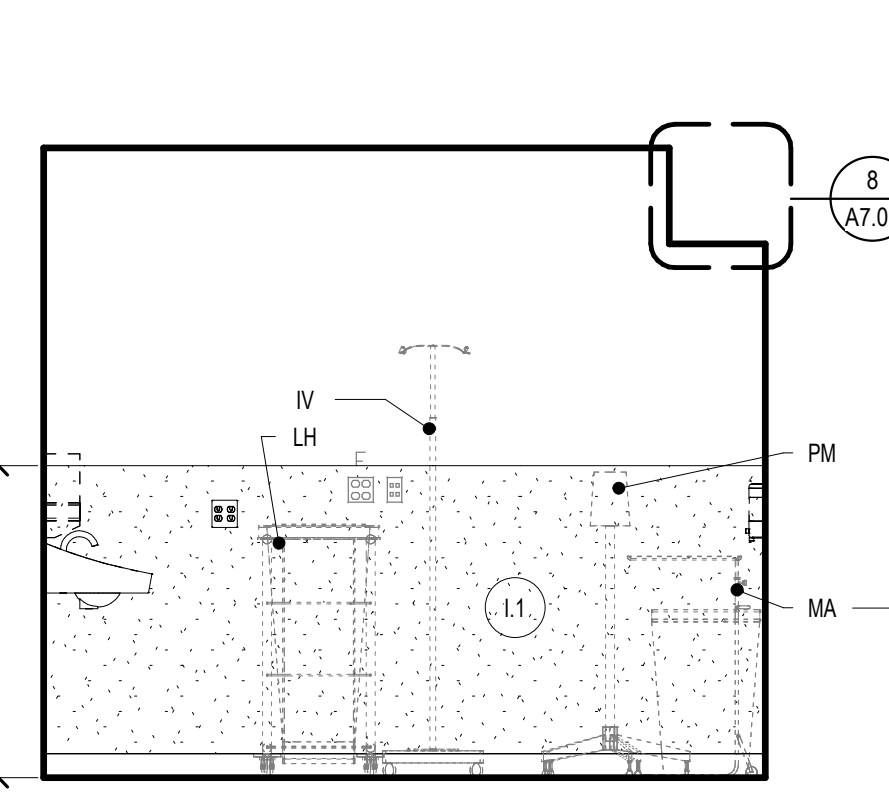
- L1 WALL PROTECTION
- L2 CORNER GUARD
- L3 PLAM SOFFIT

### EQUIPMENT LEGEND

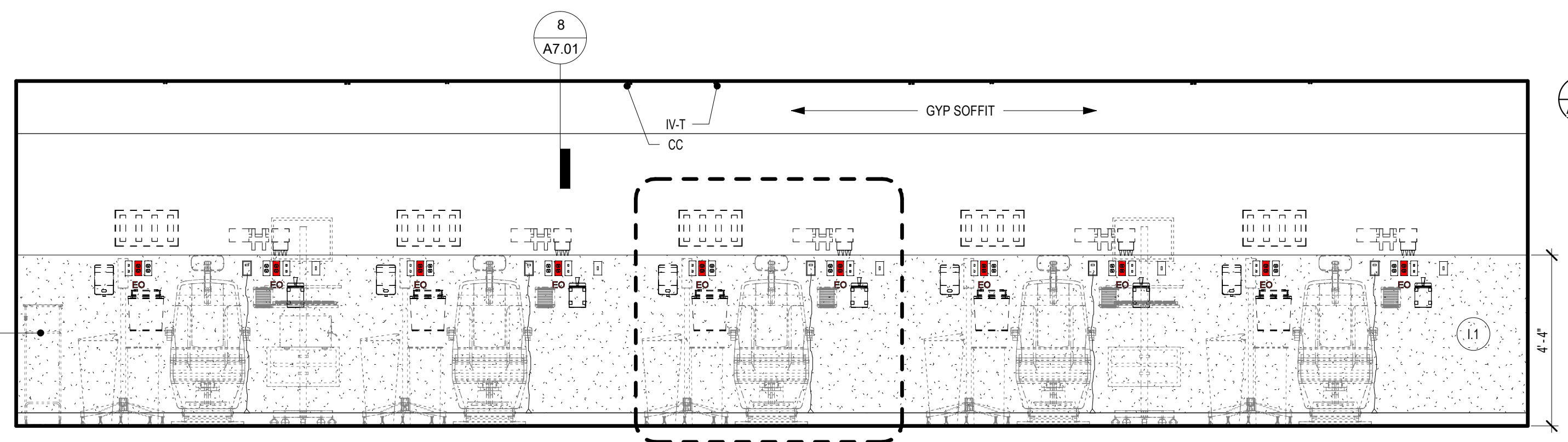
- AC ACCULA
- AHS ADJUSTABLE HEIGHT WORKSTATION
- BIO BIOHAZARD BIN
- CC CURTAIN
- CHP FOLDING WALL CHAIR
- CHP PATIENT CHAIR
- CL CLINITEK
- CPU COMPUTER
- CT-SP SUPPLY CART
- EKG EKG MACHINE
- EM EMESIS BAG DISPENSER
- GD GEL DISPENSER
- GLD GLOVE DISPENSER
- IA ISIT ANALYZER
- IM ICE MACHINE
- IV IV STAND
- IV-T IV TRACK
- LH LINEN HAMPER
- MA MAYO STAND
- OTS OTOSCOPE & OPHTHALMOSCOPE
- PH PHONE
- PM PATIENT MONITOR
- PR PRINTER
- PR-Z ZEPHRUS PRINTER
- PT PNEUMATIC TUBE
- PTD PAPER TOWEL DISPENSER
- PY PYXIS ON CART
- REF-U UNDERCOUNTER REFRIGERATOR
- RSV RSV RAPID STRIP
- SD SOAP DISPENSER
- SEC SECURITY CAMERA
- SF SAFE
- SHP SHARPS CONTAINER
- TR TRASH BIN
- WD WIPES DISPENSER
- WOW WORKSTATION ON WHEELS



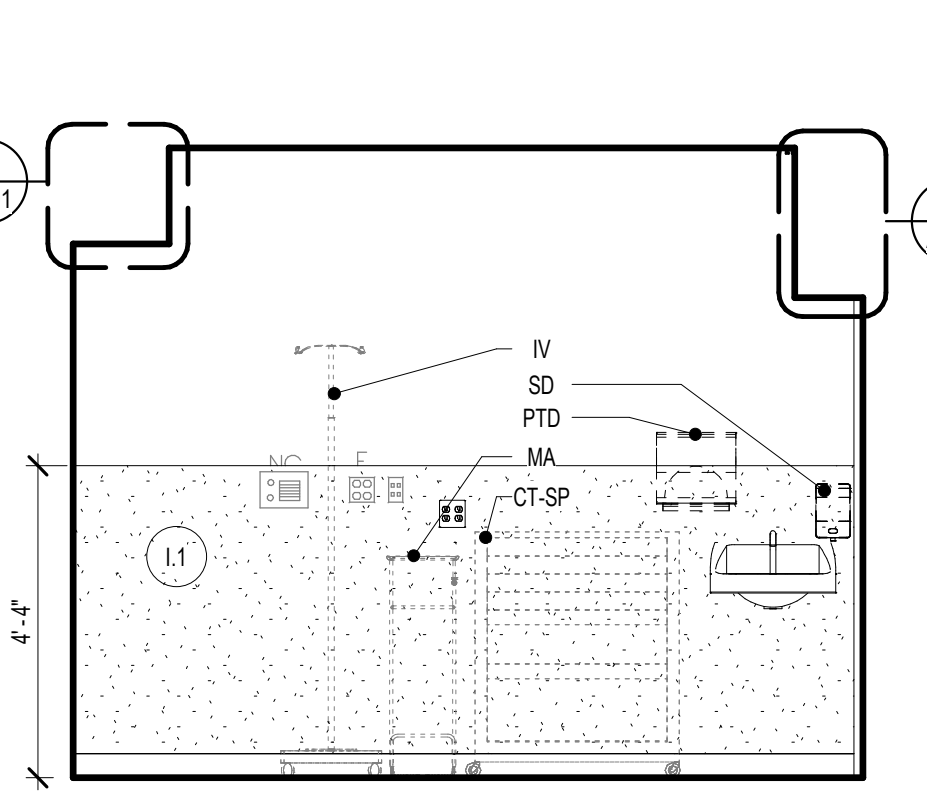
4 FT BAY-S  
 A5.01 3/8" = 1'-0"



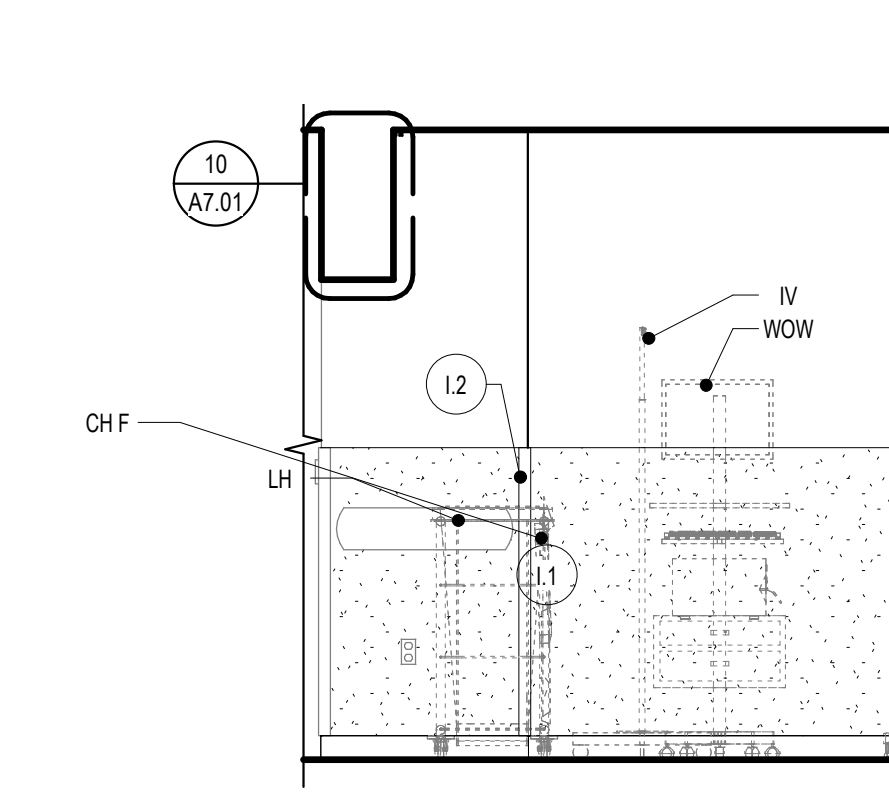
3 FT BAY-W  
 A5.01 3/8" = 1'-0"



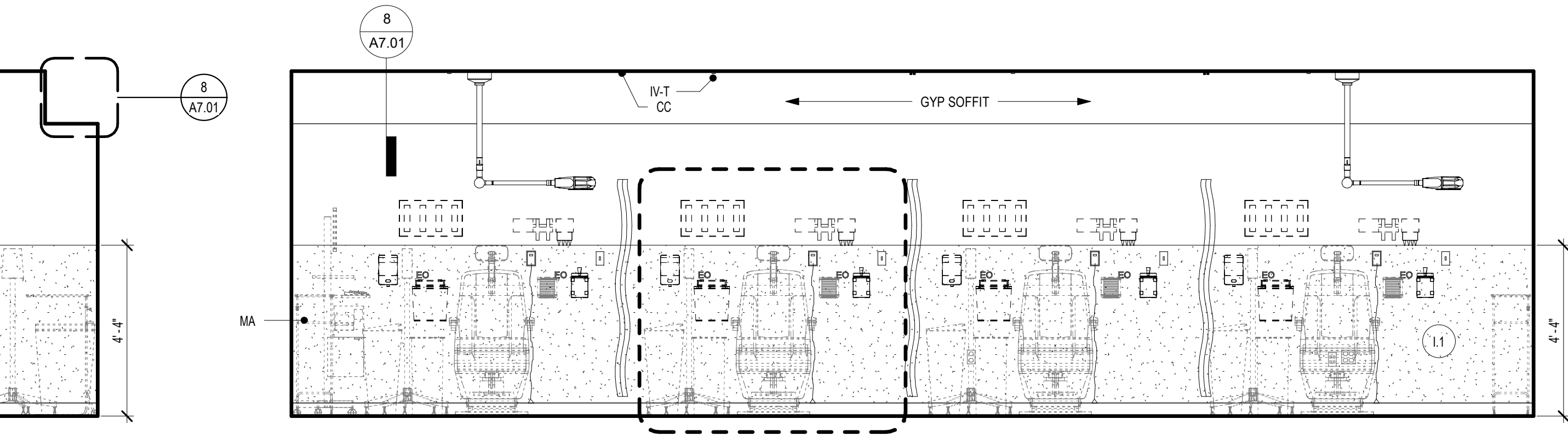
2 FT BAY-N  
 A5.01 3/8" = 1'-0"



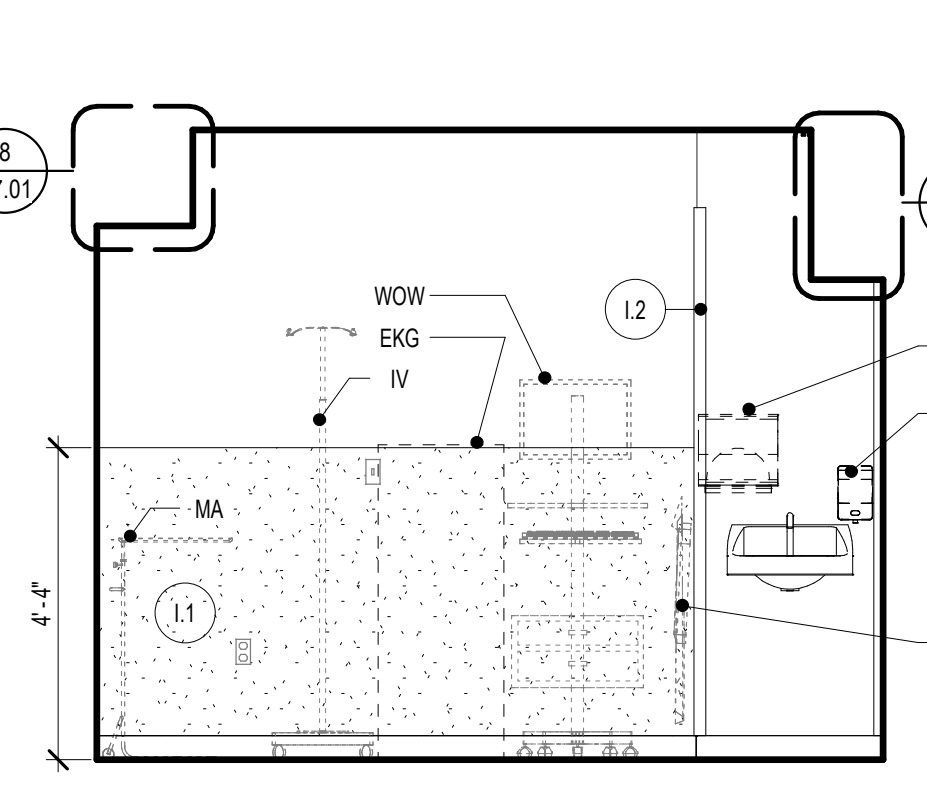
1 FT BAY-E  
 A5.01 3/8" = 1'-0"



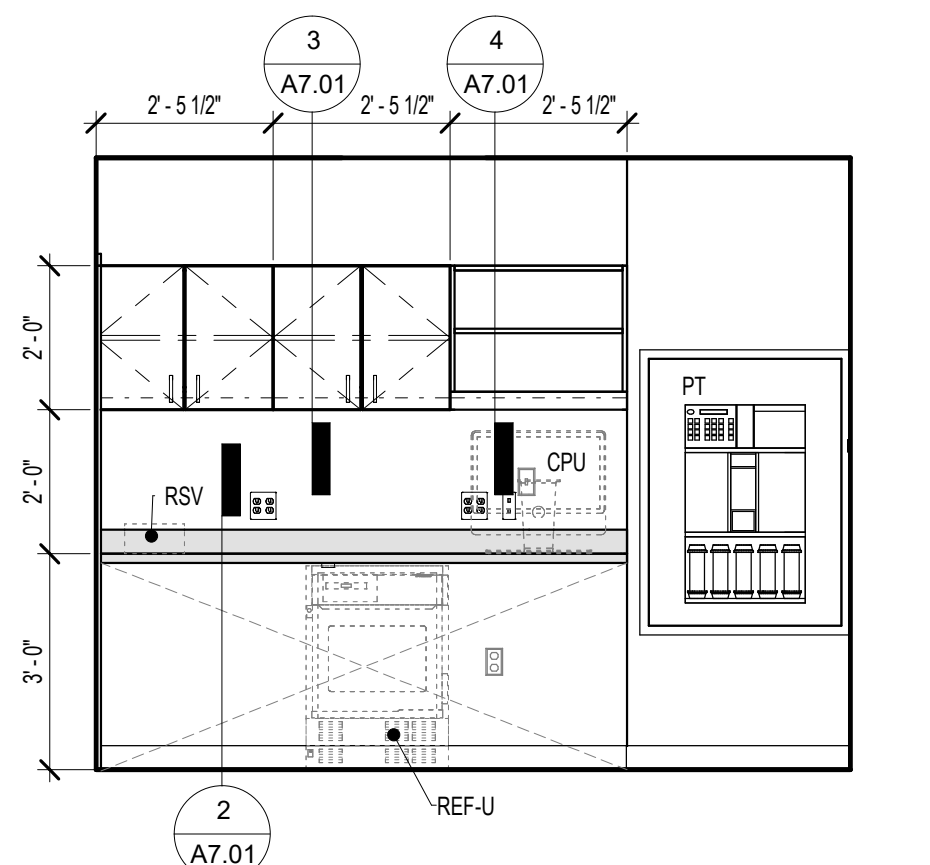
7 FT BAY (W)  
 A5.01 3/8" = 1'-0"



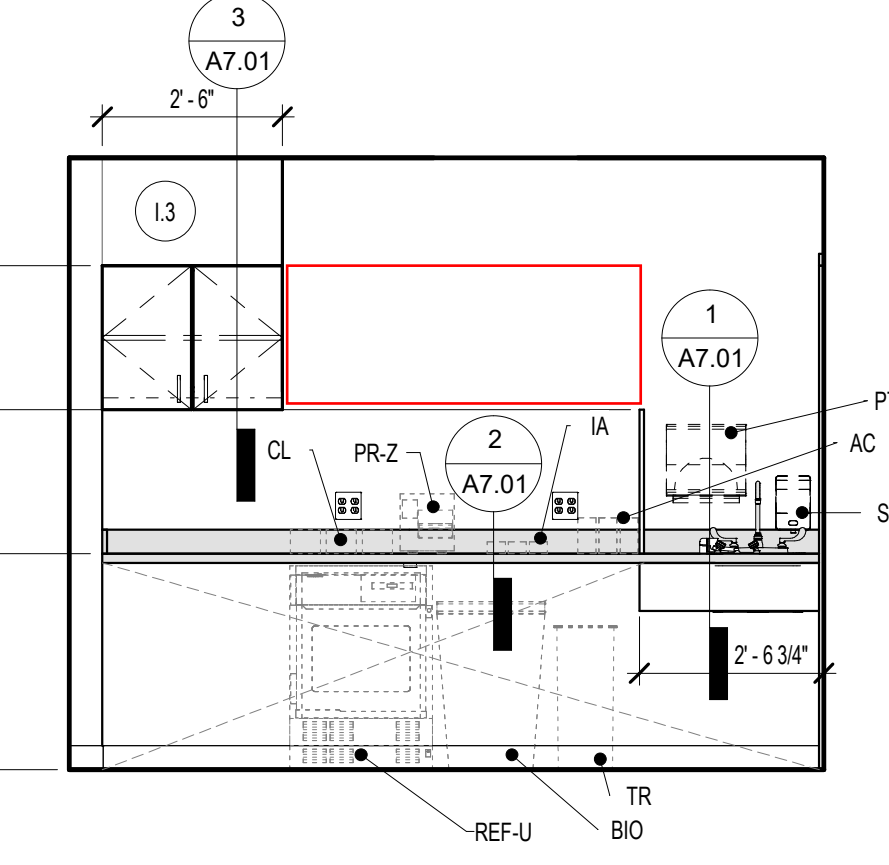
6 FT BAY (N)  
 A5.01 3/8" = 1'-0"



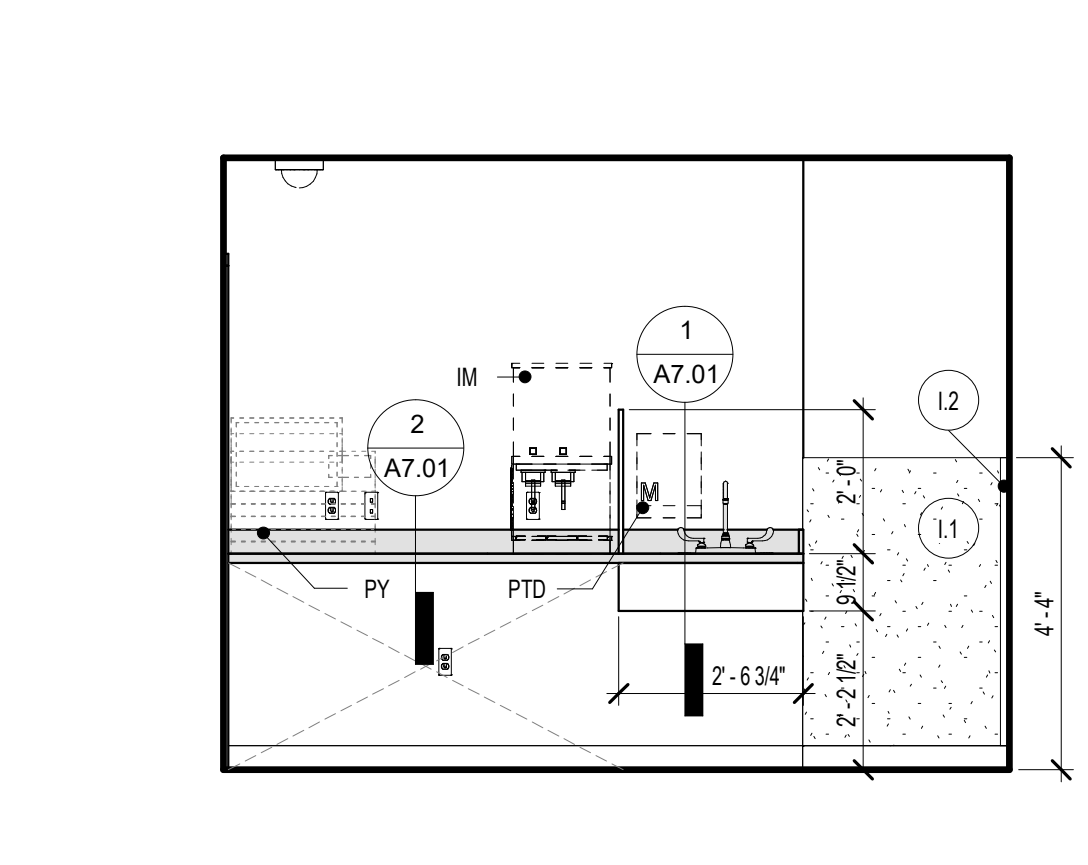
5 FT BAY (E)  
 A5.01 3/8" = 1'-0"



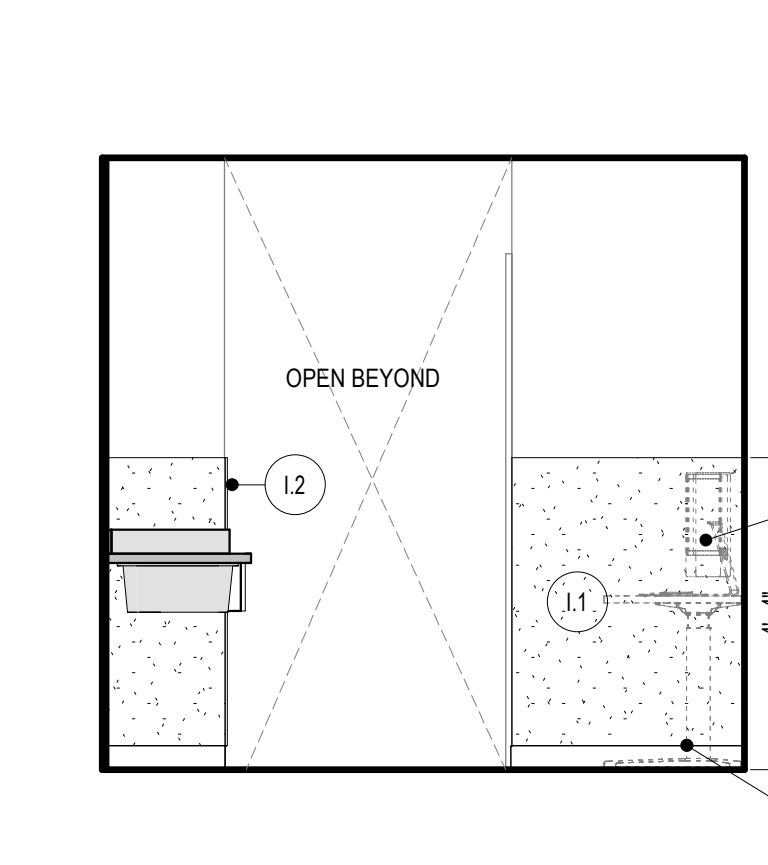
13 POCT-W  
 A5.01 3/8" = 1'-0"



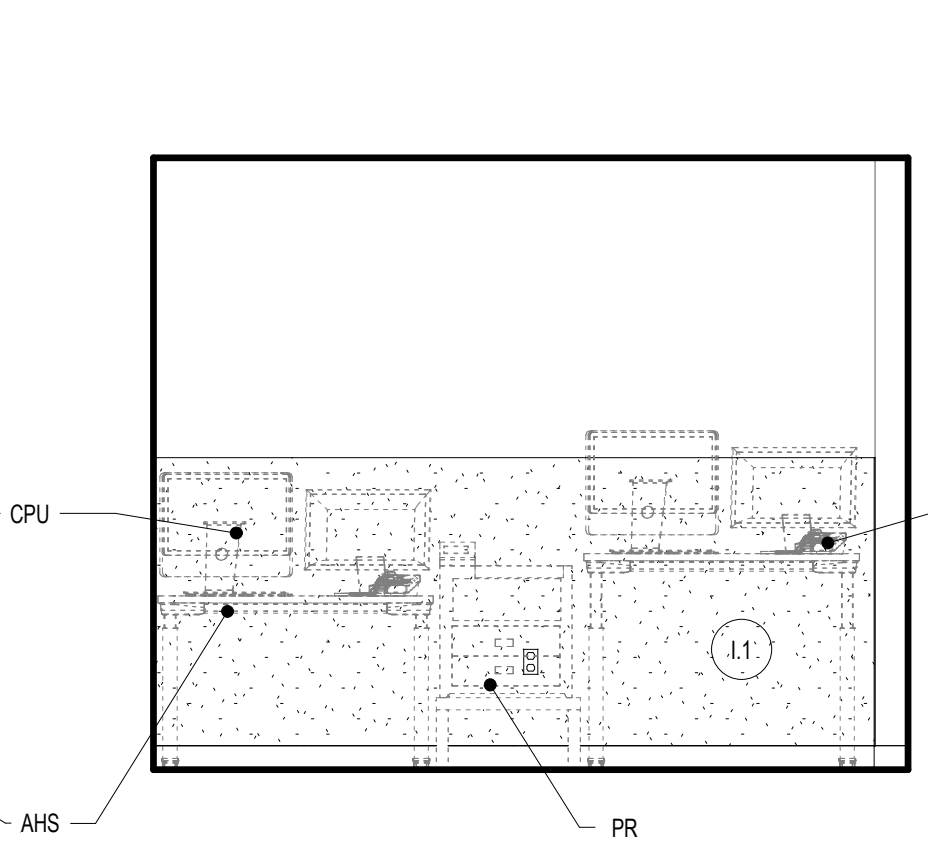
12 POCT-E  
 A5.01 3/8" = 1'-0"



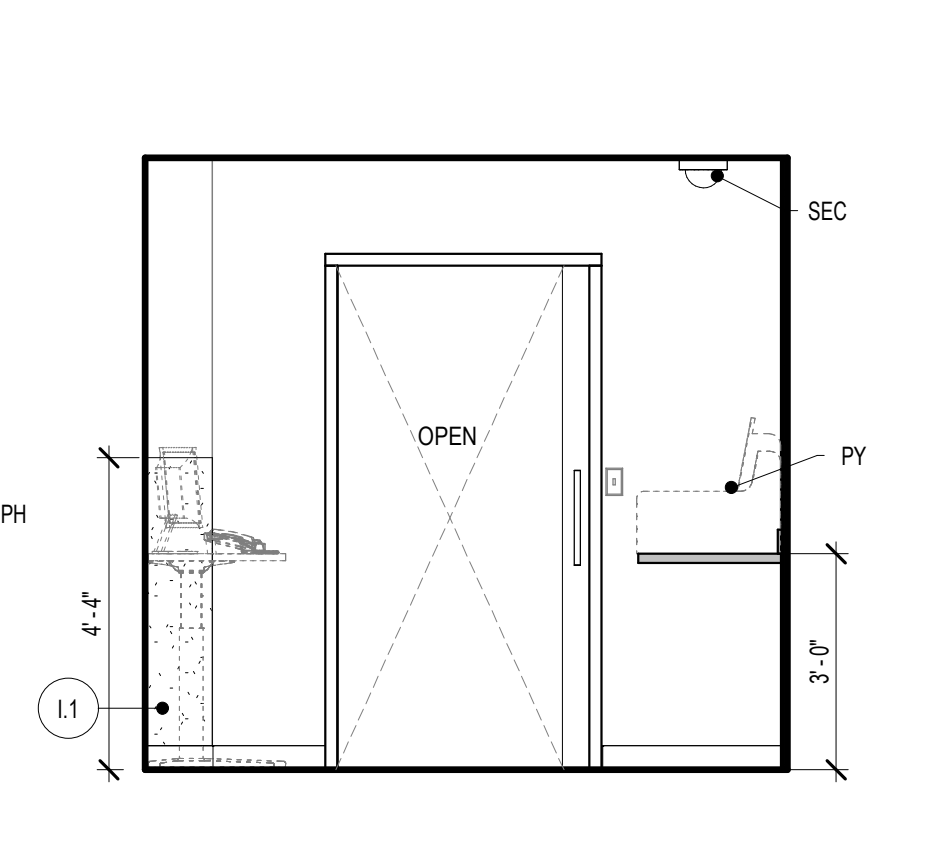
11 CHARTING / PYXIS-E  
 A5.01 3/8" = 1'-0"



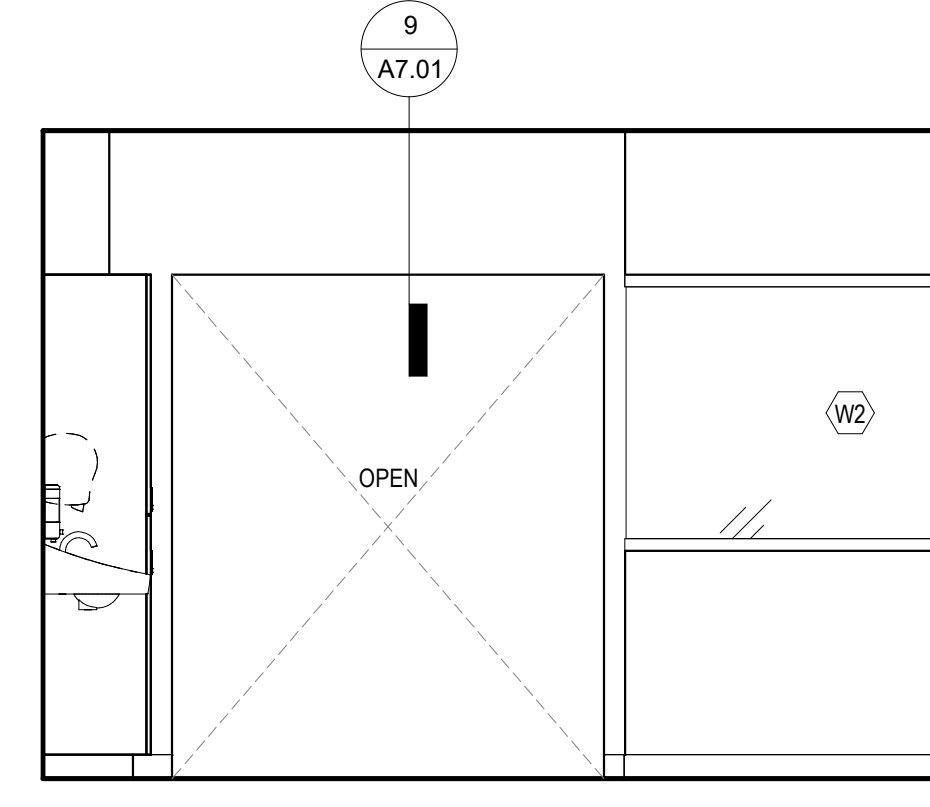
10 CHARTING / PYXIS-S  
 A5.01 3/8" = 1'-0"



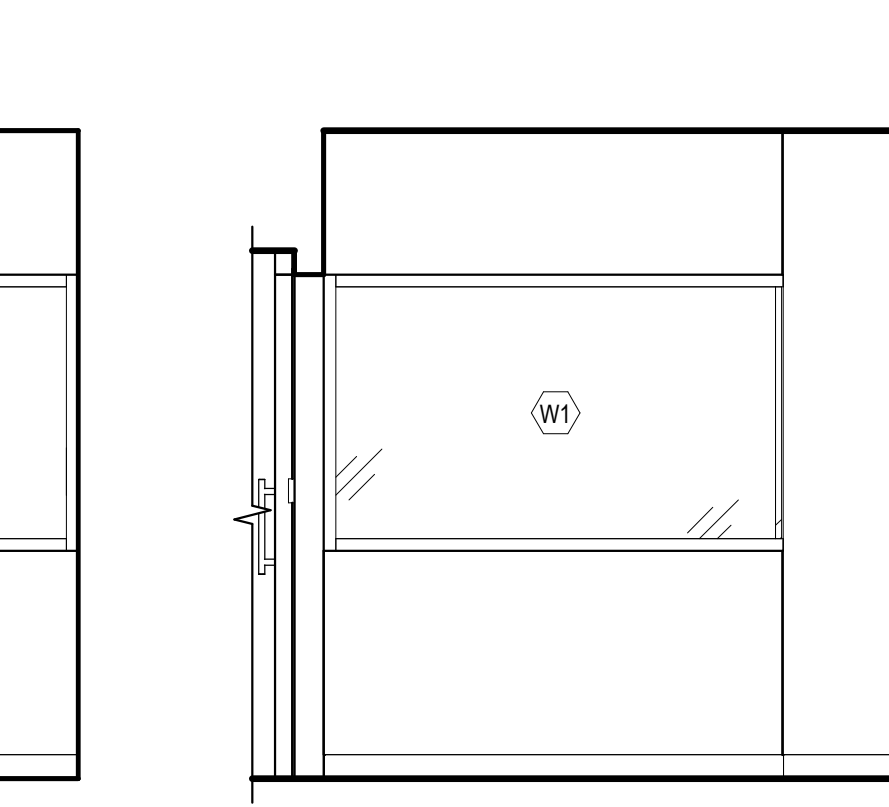
9 CHARTING / PYXIS-W  
 A5.01 3/8" = 1'-0"



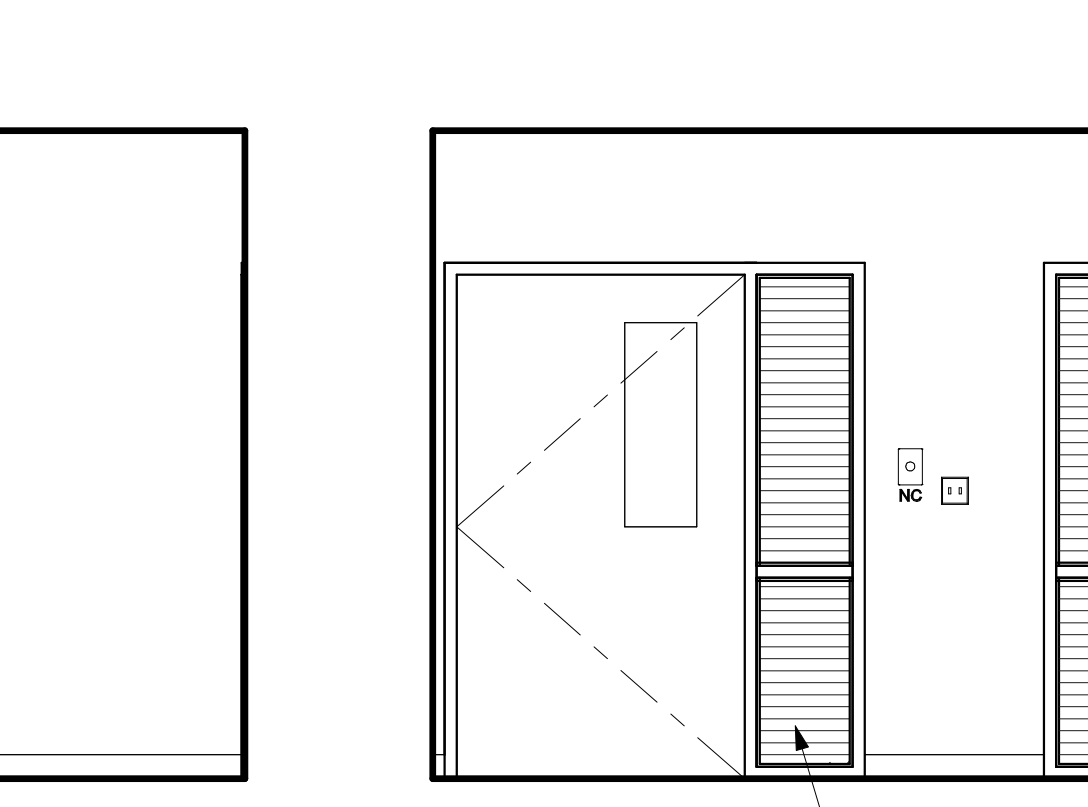
8 CHARTING / PYXIS-N  
 A5.01 3/8" = 1'-0"



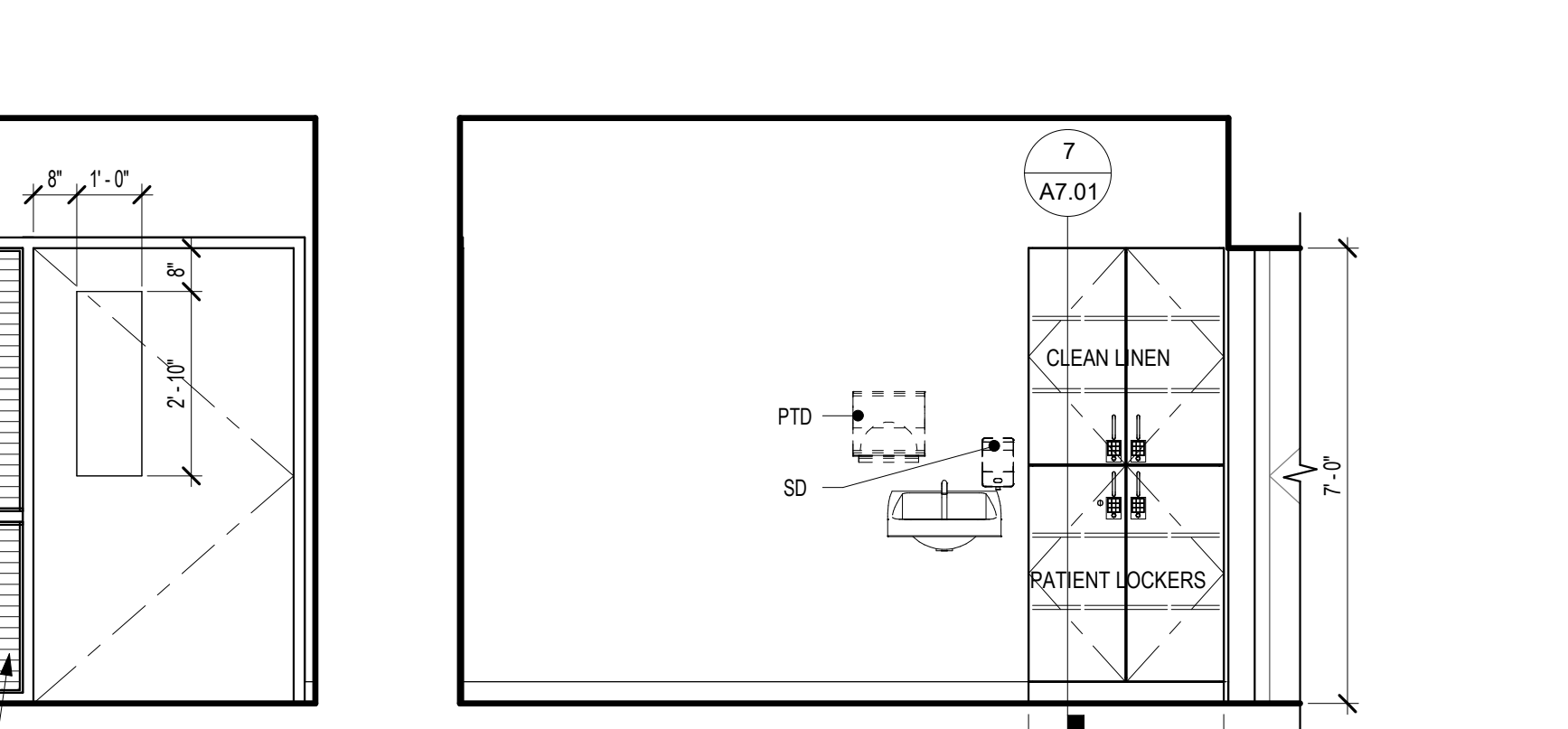
17 ANTE ROOM-E  
 A5.01 3/8" = 1'-0"



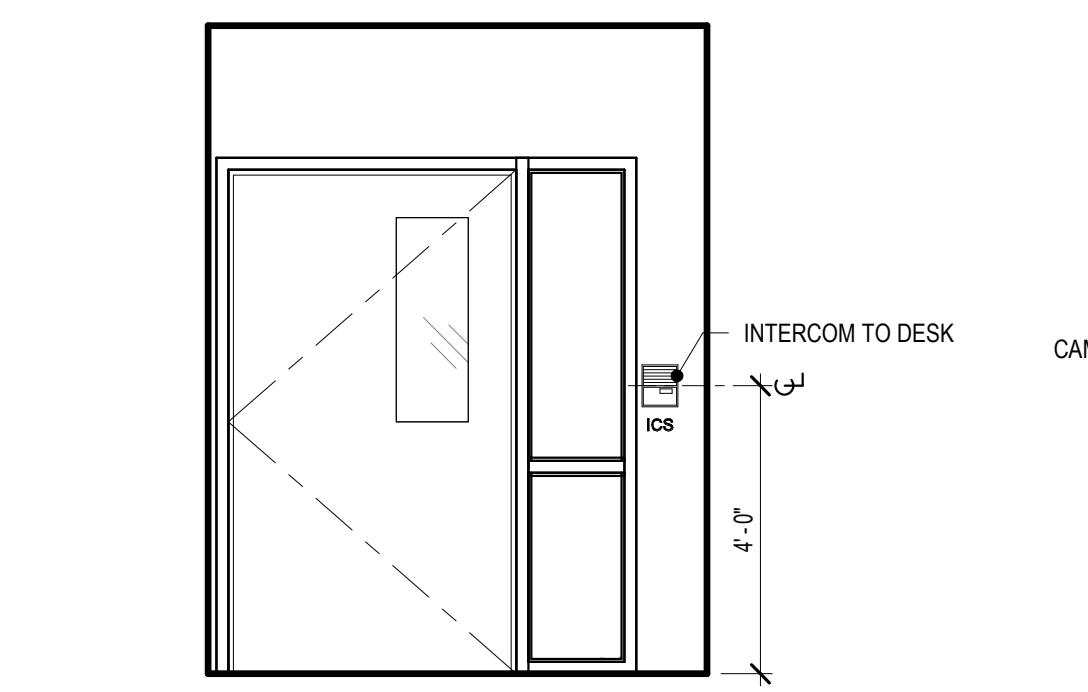
16 ANTE ROOM-S  
 A5.01 3/8" = 1'-0"



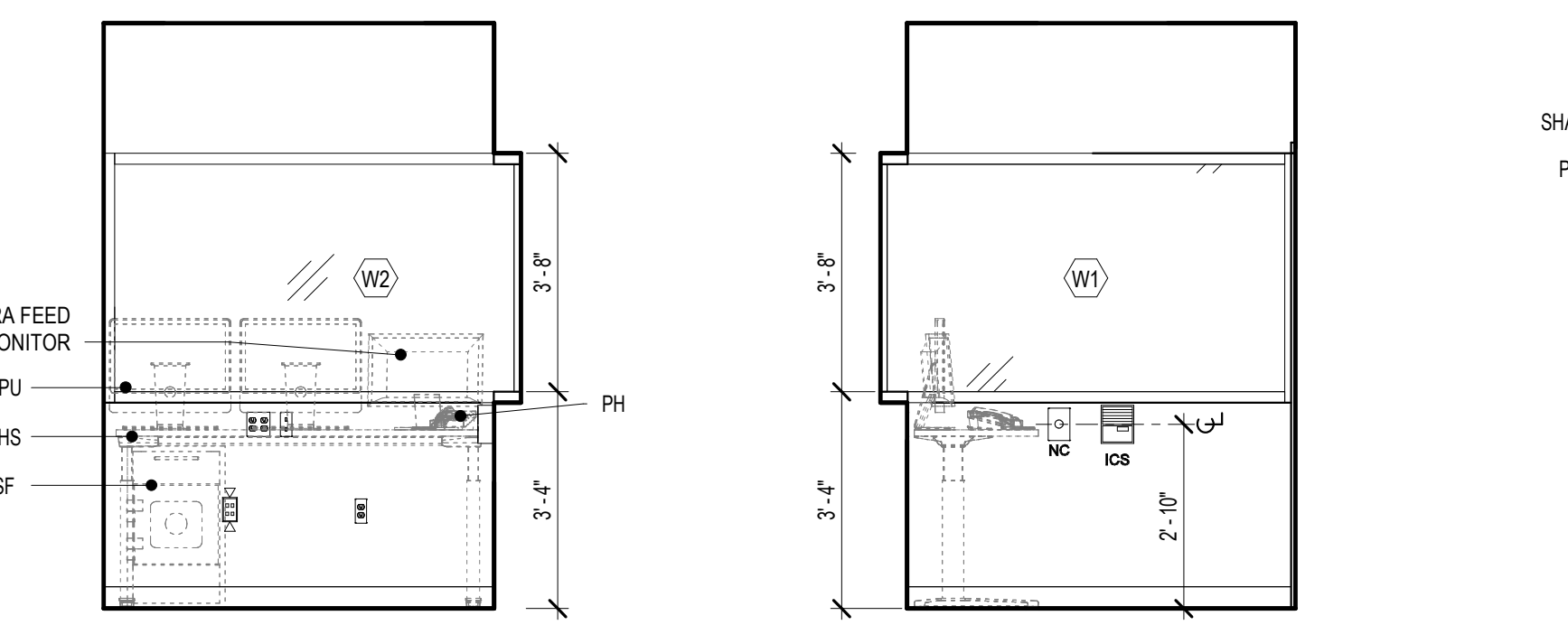
15 ANTE ROOM-W  
 A5.01 3/8" = 1'-0"



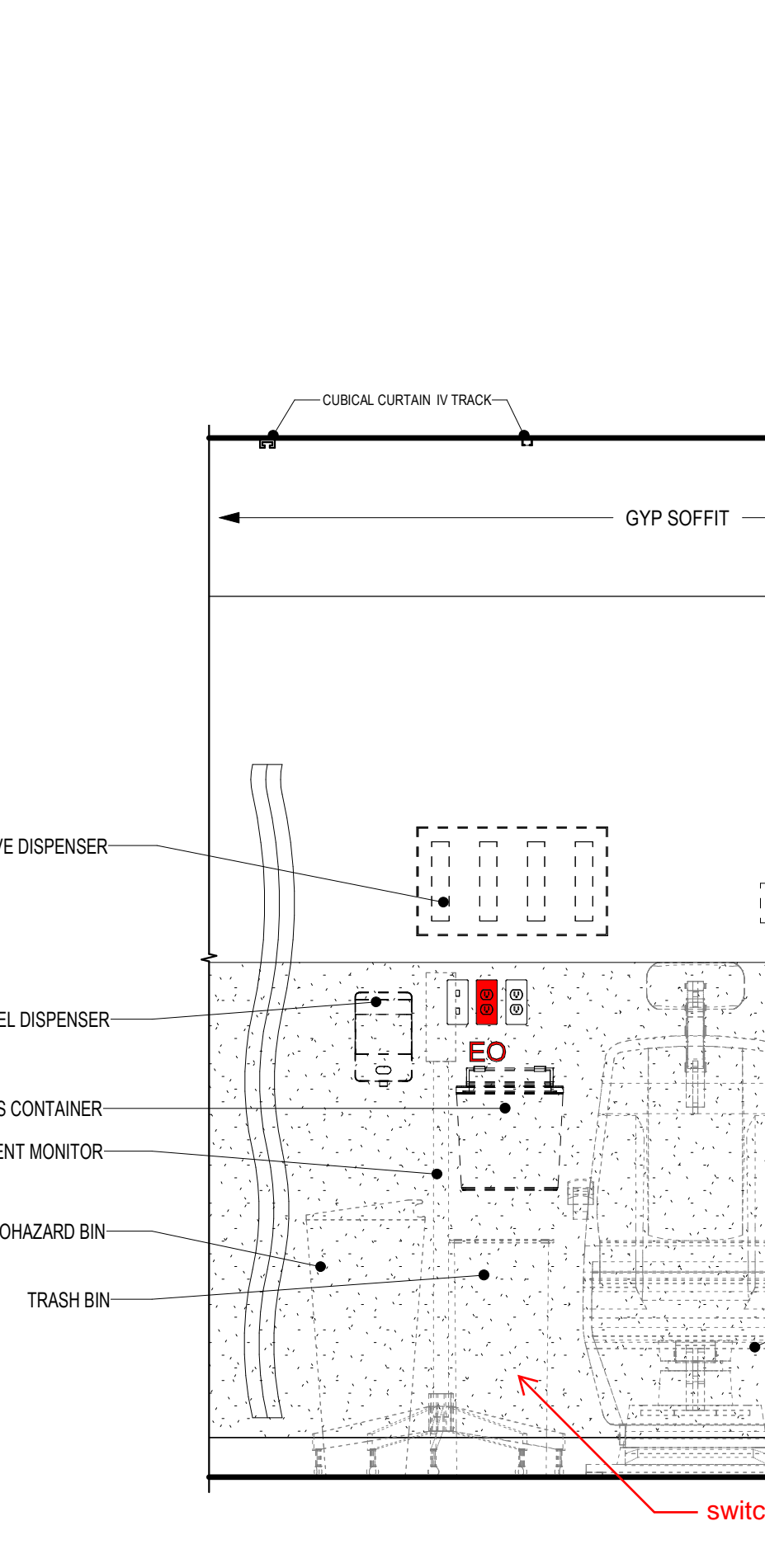
14 ANTE ROOM-N  
 A5.01 3/8" = 1'-0"



20 ENHANCED SAFETY-E  
 A5.01 3/8" = 1'-0"



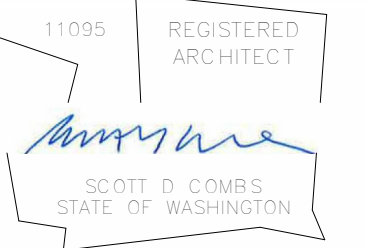
19 NURSE STATION DESK-W  
 A5.01 3/8" = 1'-0"



0 FT BAY (TYP)  
 A5.01 3/4" = 1'-0"

CLARK KJOS ARCHITECTS, LLC COPYRIGHT 2022 BY 15/2022 6:15:20 PM  
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PRCT20231772

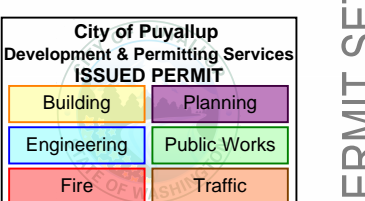
**ED - FAST TRACK AREA REMODEL**

Multicare Good Samaritan Hospital  
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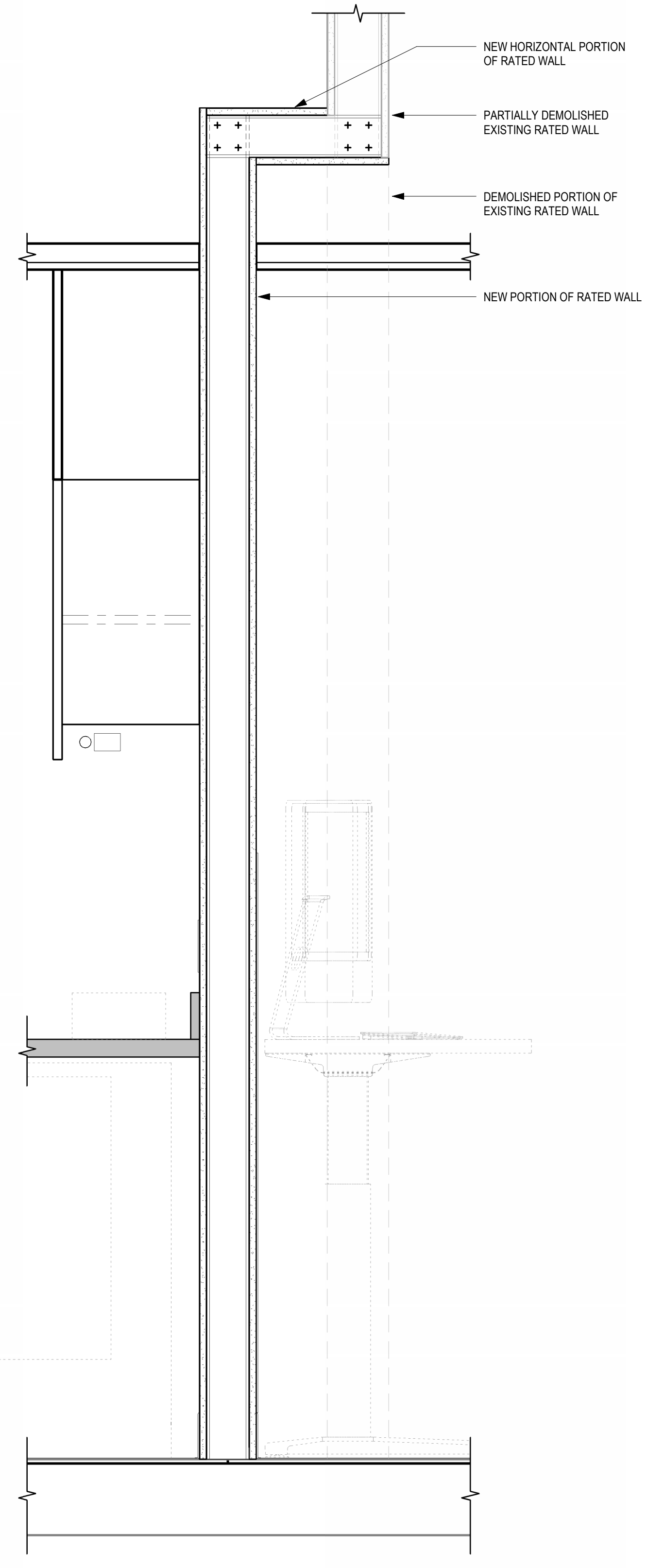
ISSUE DATE: 09.15.22

REVISIONS:  
1 ASI #002 02.27.2024  
2 ASI #003 04.11.2024

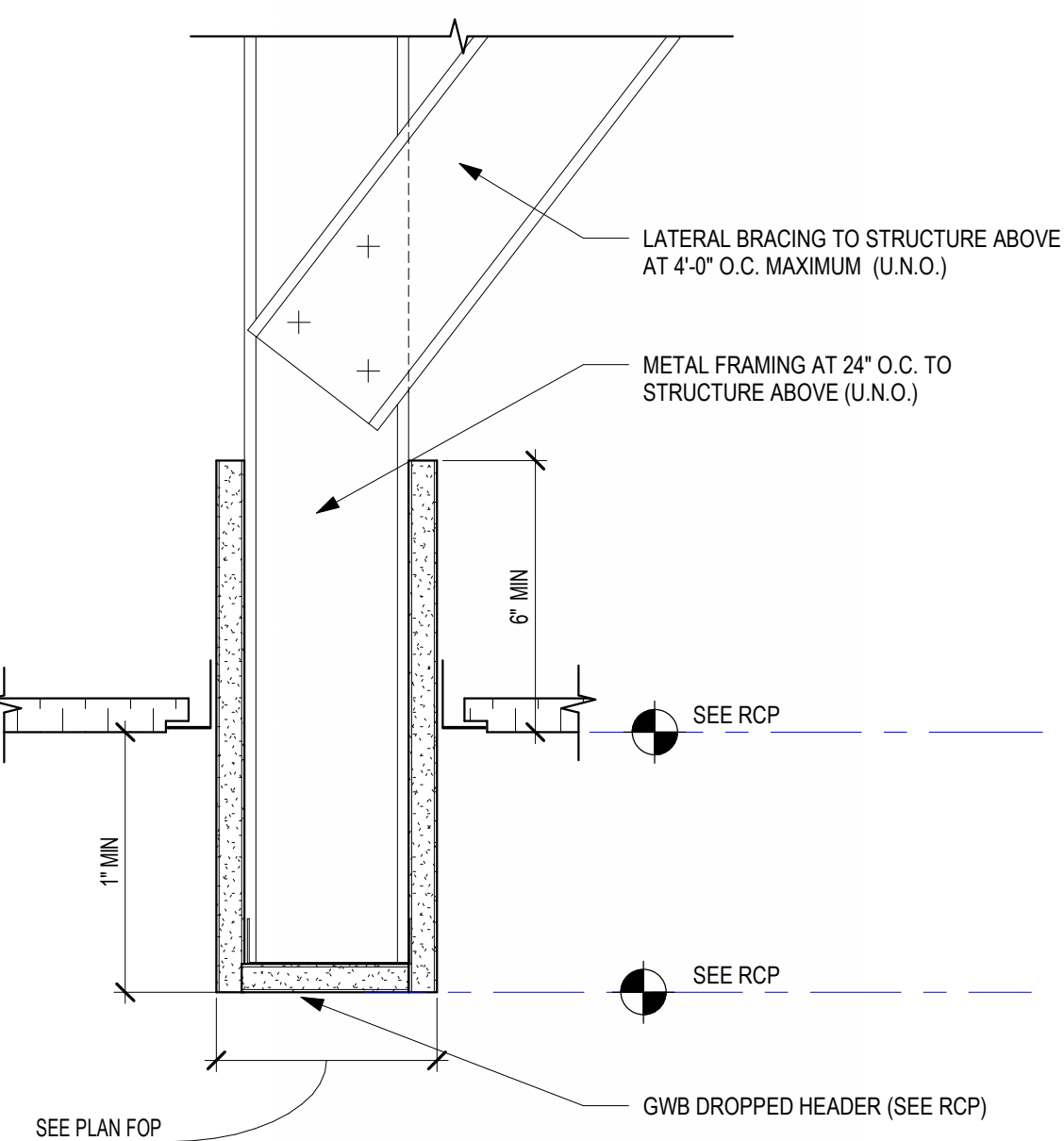


INTERIOR DETAILS,  
DOOR TYPES &  
SCHEDULE

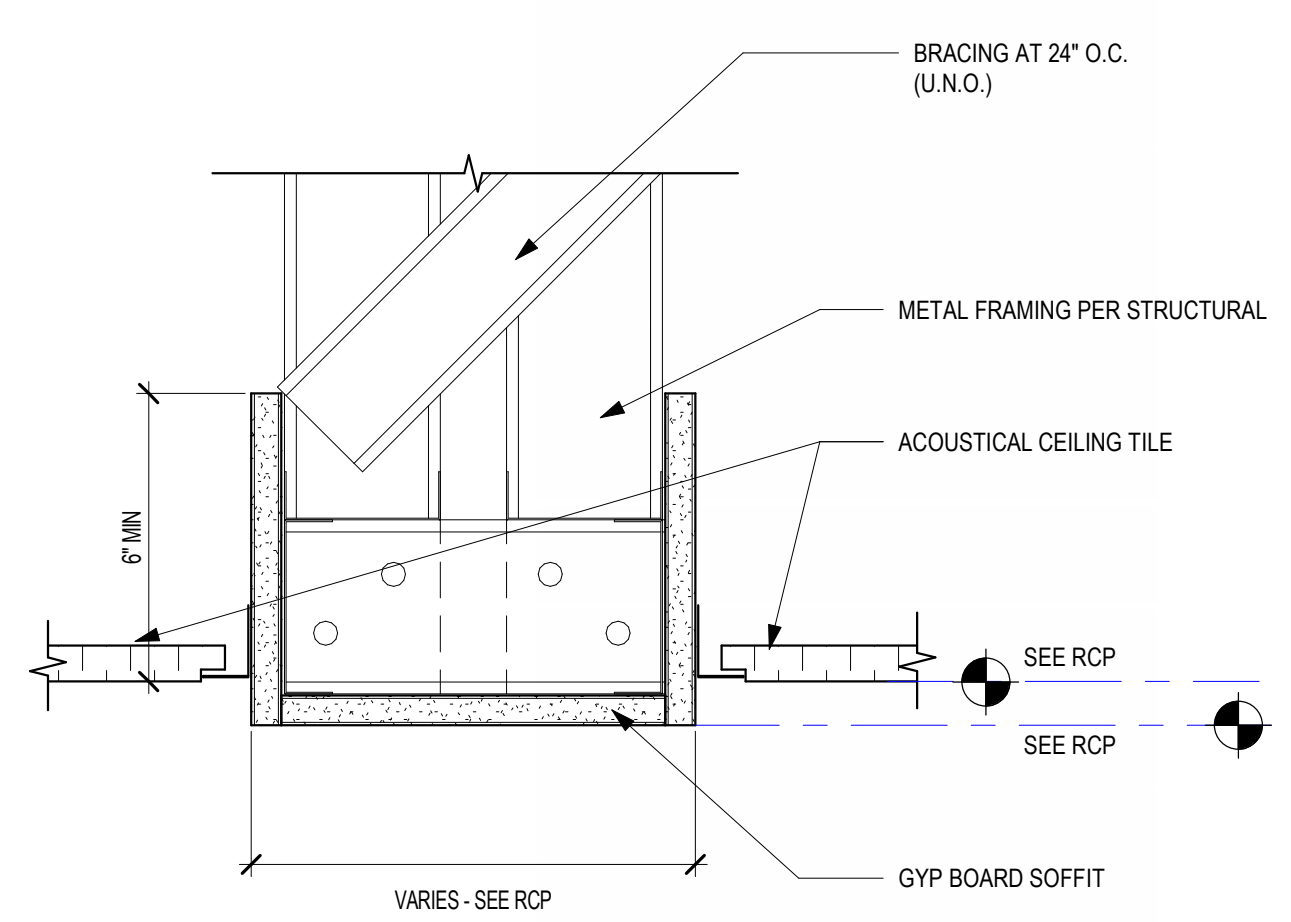
**A7.01**  
PROJECT NO.: 22008



8 SOFFIT - GYP TO ACT  
3" = 1'-0"

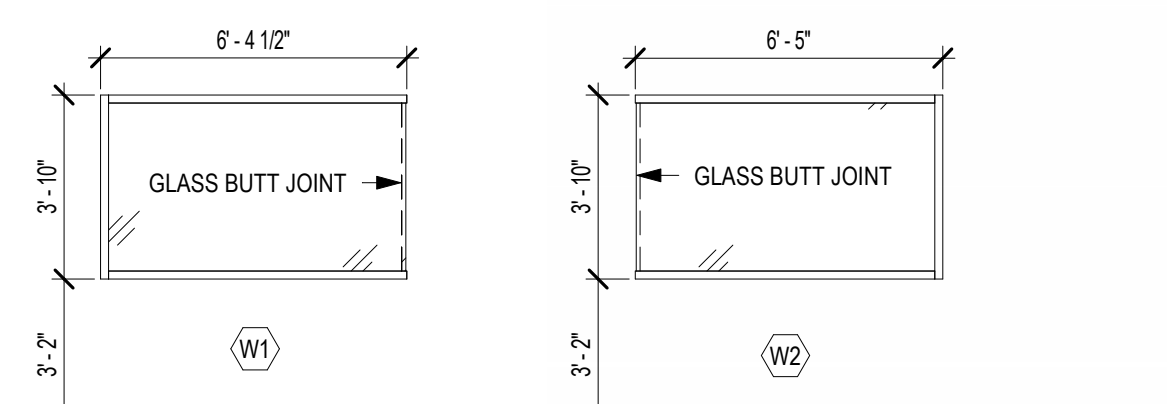


9 SOFFIT - DROPPED HEADER  
3" = 1'-0"

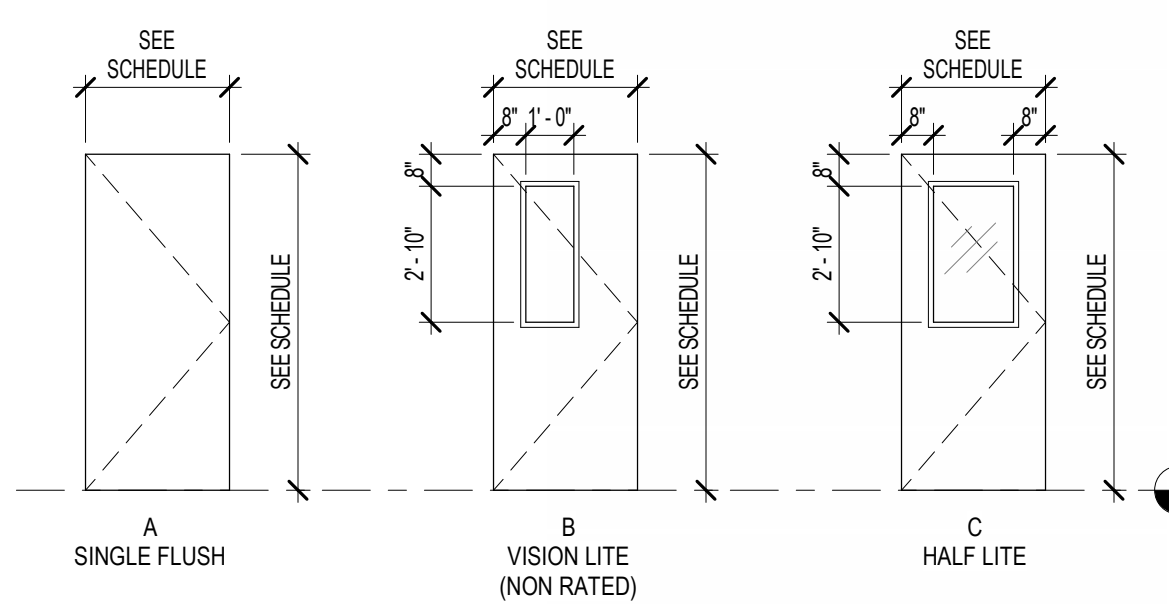


10 SOFFIT - BULK HEAD  
3" = 1'-0"

11 1 HR PARTITION JOG  
1 1/2" = 1'-0"



0 WINDOW TYPES  
1/4" = 1'-0"

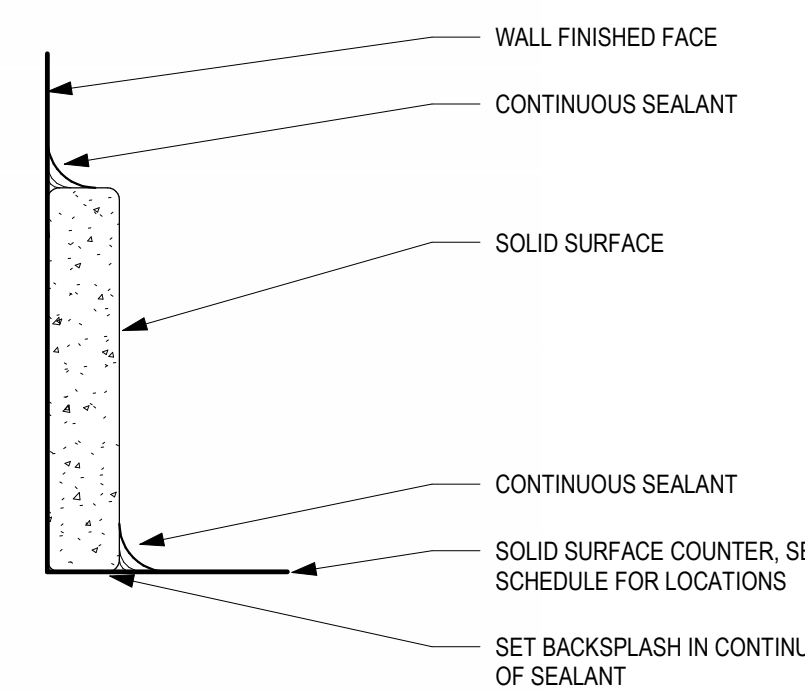


DOOR TYPES  
1/4" = 1'-0"

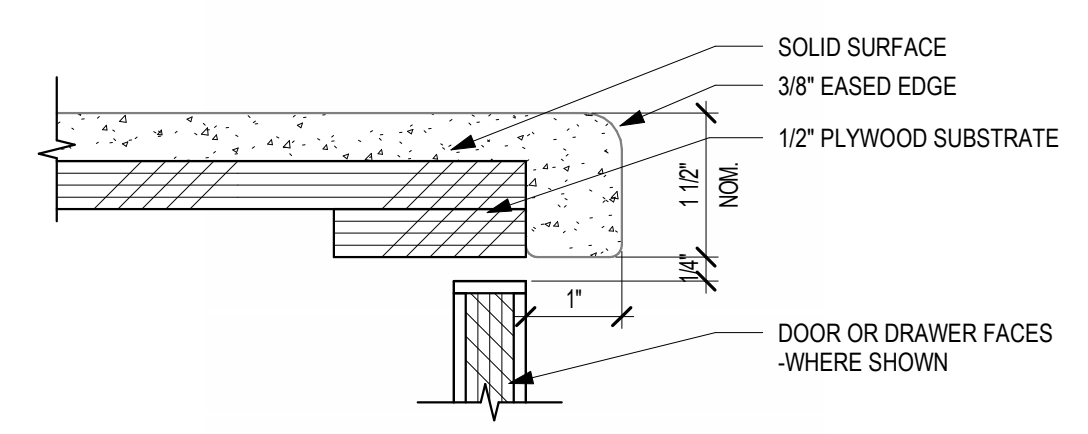
FRAME TYPES  
1/4" = 1'-0"

MARK	ROOM NUMBER	ROOM NAME	DOOR		FRAME		FIRE RATING	HDWR	COMMENTS
			WIDTH	HEIGHT	TYPE	MATERIAL			
130.12	M130.1	CORRIDOR	6'-0"	7'-0"	B	WD	1	HM	05 PASSAGE SET, AUTO OPERATOR
130.4	M130.1	STORAGE	3'-0"	7'-0"	A	WD	1	HM	04 STOREROOM LOCK
156	M156	CHARTING / PYXIS	3'-6"	7'-0"	A	WD	3	MFR	03 AD BARN DOOR, NO LOCK
157	M157	POCT	3'-6"	7'-0"	C	WD	3	MFR	03 AD BARN DOOR, NO LOCK
180.7A	M180.7A	NURSE STATION	3'-6"	7'-0"	A	WD	3	WD	02 AD BARN DOOR, CARD READER
180.7B	M180.7B	ENHANCED SAFETY	4'-0"	7'-0"	B	WD	2	HM	01 LIGATURE-PREVENTION DOOR HARDWARE
180.7C	M180.7C	ENHANCED SAFETY	4'-0"	7'-0"	B	WD	2	HM	01 LIGATURE-PREVENTION DOOR HARDWARE

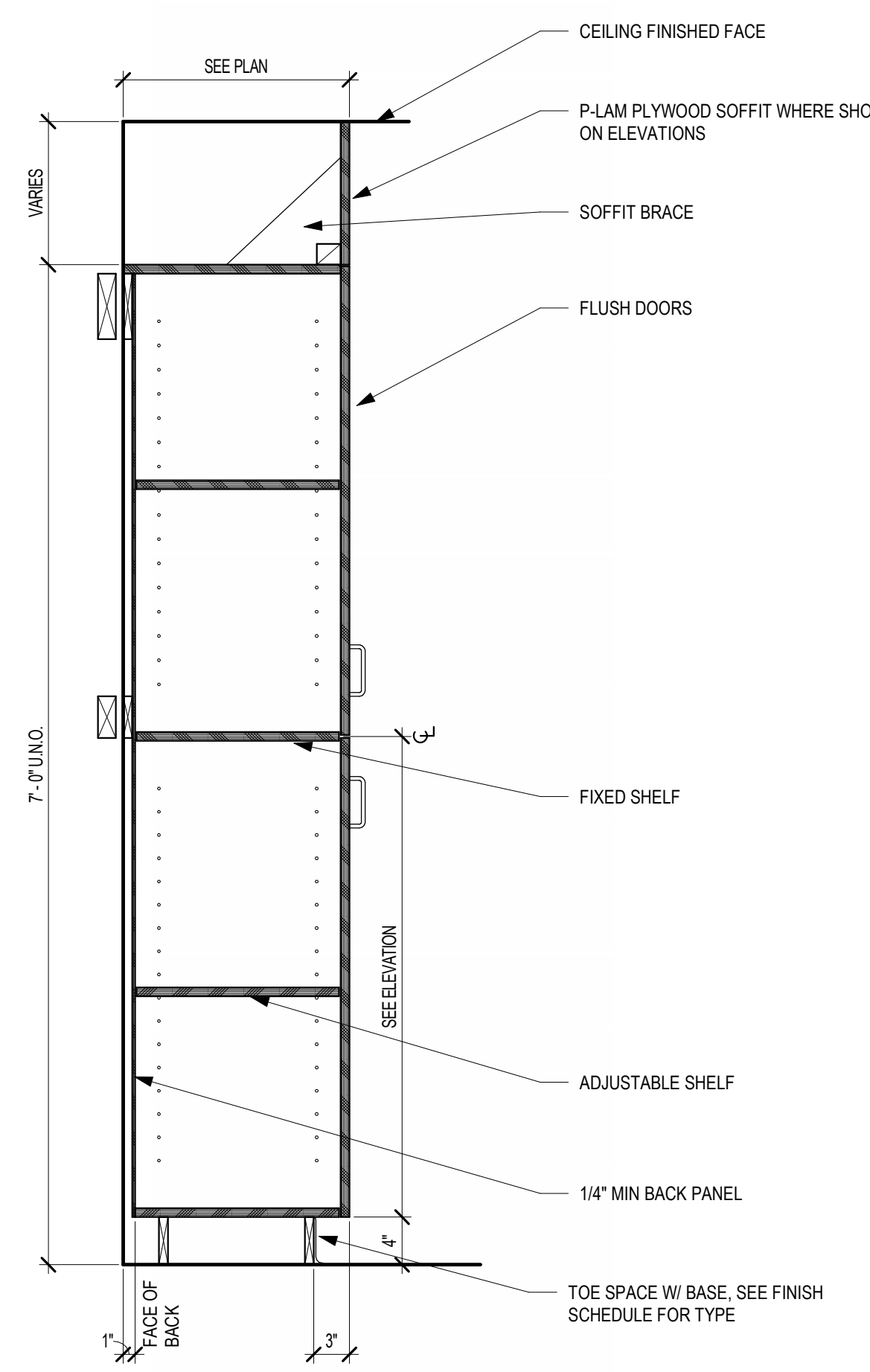
5 TYPICAL BACKSPLASH EDGE  
6" = 1'-0"



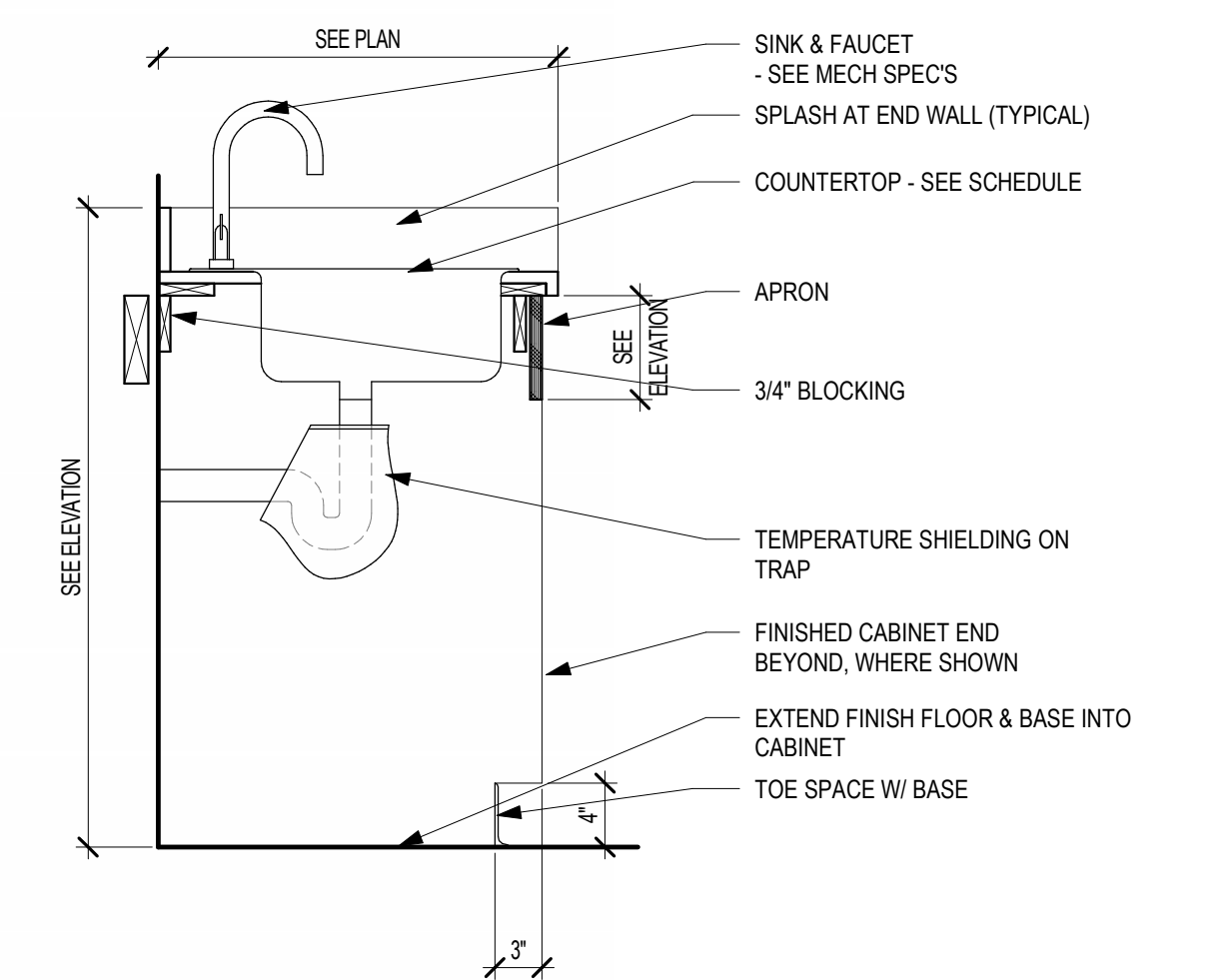
6 TYPICAL COUNTER EDGE  
6" = 1'-0"



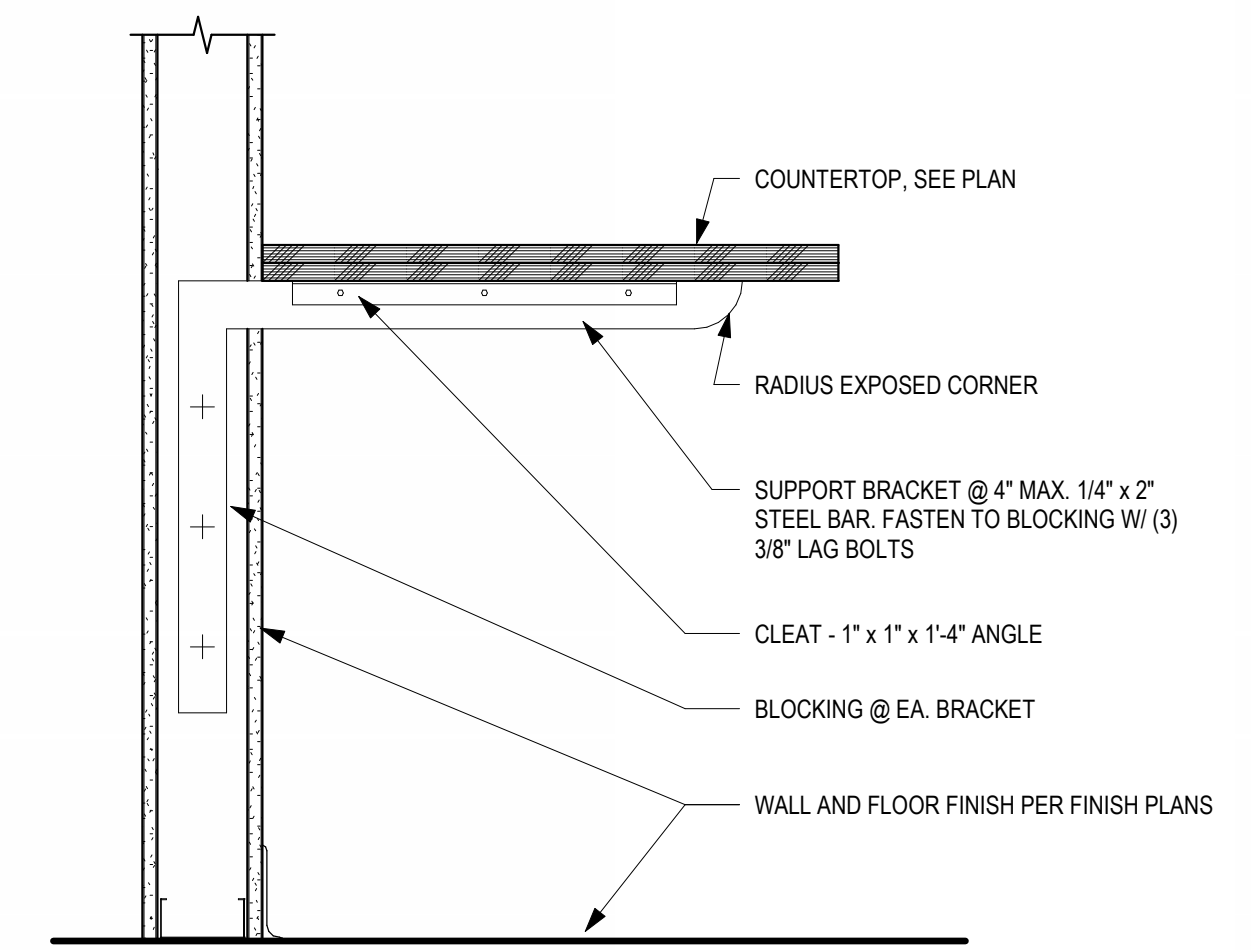
7 TC - (2) DOOR  
1" = 1'-0"



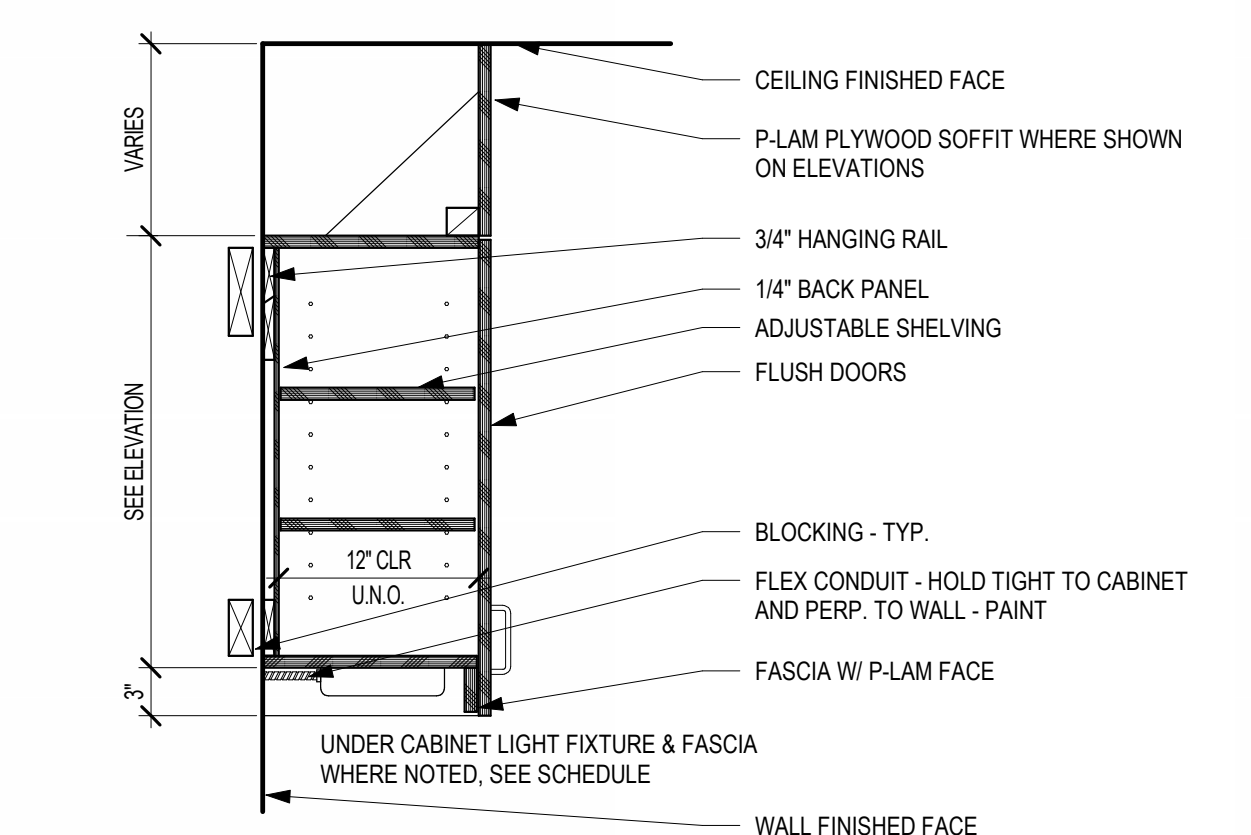
1 BC - OPEN W/ SINK  
1" = 1'-0"



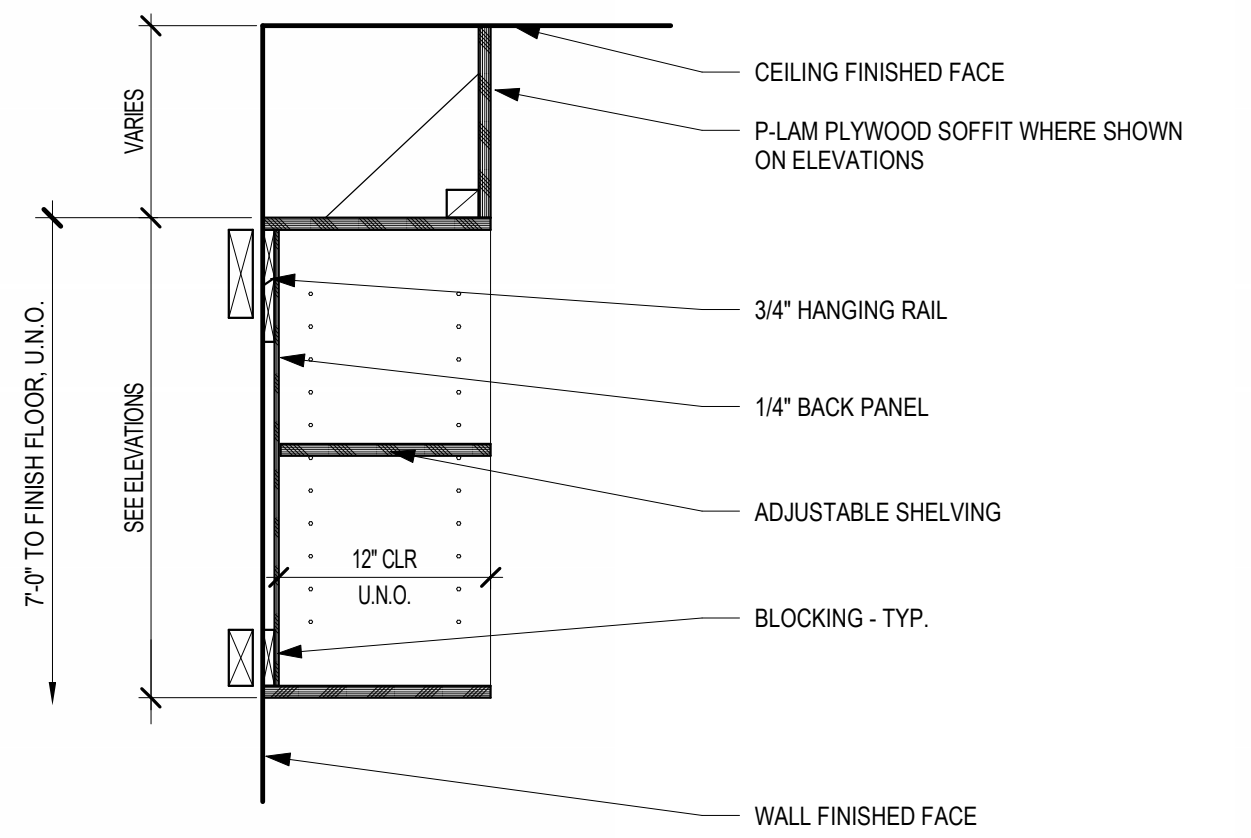
2 BC - HIDDEN SUPPORT BRACKETS  
1 1/2" = 1'-0"



3 UC - WALL CABINET UNDERCOUNTER LIGHT  
1" = 1'-0"



4 UC - SHELF CABINET  
1" = 1'-0"



**GENERAL NOTES**

- FIELD VERIFY ALL DIMENSIONS
- COORDINATE FRAME SIZES WITH WALL THICKNESS AT NEW AND EXISTING CONDITIONS
- WINDOW DIMENSIONS ARE UNIT SIZE NOT ROUGH OPENINGS.
- PROVIDE SAFETY GLAZING WHERE REQUIRED BY BUILDING CODE.

**ABBREVIATIONS**

- AL ALUMINUM
- FF FACTORY FINISH
- GL GLASS
- HM HOLLOW METAL MANUFACTURER
- MFR METAL
- PMF PREFINISHED METAL FRAM
- PT PAINT
- SC SOLID CORE
- SGF SOLID GROUT FRAME
- S SMOKE
- WD WOOD
- 20 MIN 20 MIN. UL RATED DOOR ASSEMBLY
- 45 MIN 45 MIN. UL RATED DOOR ASSEMBLY
- 60 MIN 60 MIN. UL RATED DOOR ASSEMBLY
- 90 MIN 90 MIN. UL RATED DOOR ASSEMBLY

**LOCKING**

- AC ACCESS CONTROL
- AO AUTO OPERATOR
- CL CLASSROOM LOCK
- OL OFFICE LOCK
- PL PASSAGE LOCK
- PP PUSH / PULL
- PR PRIVACY LOCK
- PS PASSAGE SET
- SL STOREROOM LOCK

## MECHANICAL GENERAL NOTES

1. MECHANICAL WORK IS NOT LIMITED TO MECHANICAL DRAWINGS. THERE IS ADDITIONAL MECHANICAL WORK TO BE INCLUDED IN THE BID INDICATED ON OTHER DRAWINGS AND IN OTHER SPECIFICATION DIVISIONS. CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL MECHANICAL WORK.
2. MECHANICAL EQUIPMENT 1/2 HP AND LESS SHALL HAVE ANY REQUIRED STARTER/CONTROL RELAY PROVIDED BY DIVISION 23 (EXCEPT WHERE SPECIFICALLY SHOWN OR SPECIFIED OTHERWISE).
3. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING SEISMIC & EXPANSION JOINTS. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING & DUCT SYSTEMS WHICH CROSS SUCH JOINTS, SIZED/CONFIGURED TO ACCOMMODATE SPECIFIED MOVEMENT (SEE SPECIFICATIONS) IN ANY DIRECTION W/O PERMANENT DAMAGE. SUBMIT DETAILS OF FLEXIBLE CONNECTIONS & LOCATIONS.
4. VERIFY LOCATION OF PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ARCHITECTURAL DRAWINGS GOVERN. PLUMBING FIXTURE HEIGHTS SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS.
5. PROVIDE CLEANOUTS AS REQUIRED BY CODE; USE FLOOR CLEANOUTS WHERE POSSIBLE. SEE DETAILS ON SHEET M3.21.
6. ALL PIPING SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES. WHERE PIPES ARE ROUTED EXPOSED, INSTALL PIPES AS HIGH AS POSSIBLE IN JOIST SPACE.
7. UNSIZED PLUMBING PIPING SHALL MATCH THE SIZE OF THE LARGEST ADJACENT CONNECTING PIPE SIZE SHOWN. WHERE THE ADJACENT PIPE IS NOT SHOWN (OR NOT CLEAR), THE PIPE SIZE SHALL BE BASED ON THE GPM FLOWING IN THE PIPE (USE FIXTURE UNITS AND CORRESPONDING GPM PER THE UPC FOR DOMESTIC WATER SYSTEMS, USE WASTE FIXTURE UNITS & UPC TABLES FOR WASTE/VENT SYSTEM), AND A VELOCITY NO GREATER THAN 4 FEET PER SECOND. USE UPC CURVES FOR GPM/VELOCITY FOR APPROPRIATE PIPING MATERIAL INVOLVED.
8. ALL DUCT PENETRATIONS THRU WALLS AND FLOORS SHALL BE PROVIDED WITH CLOSURE COLLARS (BOTH SIDES OF PENETRATION) AND BE TIGHTLY SEALED TO PREVENT THE TRANSMISSION OF NOISE.
9. CONTRACTOR SHALL CAREFULLY COORDINATE WORK W/ ALL OTHER TRADES, ESPECIALLY IN CEILING SPACES WHERE SPACE IS TIGHT. SHEET METAL CONTRACTOR SHALL HAVE PRIORITY OVER OTHER MECHANICAL TRADES IN CEILING SPACE WHERE CONFLICTS OCCUR.
10. ALL DUCTWORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES.
11. FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 8 FEET, AND MAY ONLY BE USED WHERE SPECIFICALLY SHOWN ON THE PLANS.
12. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS AND SPLITS IN MAIN DUCTS AND WHERE REQUIRED BY BALANCERS; ONLY SOME OF THE REQUIRED DAMPERS ARE SHOWN ON THE PLANS.
13. UNSIZED DUCTS SHALL MATCH THE SIZE OF THE LARGEST ADJACENT DUCT THAT IS SIZED. WHERE THE ADJACENT DUCT SIZE IS NOT SHOWN, PROVIDE THE FOLLOWING SIZED DUCTS (OR EQUIVALENT RECTANGULAR).
14. VERIFY LOCATIONS OF ITEMS INSTALLED IN CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO BEGINNING WORK. NOTIFY ARCHITECT/ENGINEER OF DISCREPANCIES.
15. SHIFT AIR INLETS/OUTLETS FROM LOCATIONS SHOWN AS REQ'D TO AVOID CONFLICTS W/STRUCTURE & OTHER ITEMS. SUCH SHIFTS SHALL MAINTAIN SYMMETRY OF AIR TERMINALS & SHALL HAVE PRIOR APPROVAL OF ARCHITECT/ENGINEER.
16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE & SELECT FINAL LOCATIONS OF ALL AIR INLETS/OUTLETS. SHIFT AIR INLETS/ OUTLETS FROM LOCATIONS SHOWN AS REQ'D TO AVOID CONFLICTS W/ STRUCTURE, LIGHTS, & OTHER ITEMS. SUCH SHIFTS SHALL MAINTAIN SYMMETRY OF AIR TERMINALS & SHALL HAVE PRIOR APPROVAL OF ARCHITECT/ENGINEER.
17. FOR HVAC DUCT FITTINGS/CONNECTIONS OF ELBOWS/TRANSITIONS SEE DETAILS ON SHEET M4.21 & M4.22.
18. BALANCING NOTES: PROVIDE AIR BALANCING OF HVAC SYSTEM & DOMESTIC HOT WATER SYSTEM.
19. CEILING SPACE IS TIGHT IN A NUMBER OF AREAS. IN SUCH AREAS, CEILING AIR INLET/OUTLET CONNS REQUIRE SIDE INLET PLENUM. SEE DETAIL 1 SHEET M4.21. PROVIDE WHERE REQ'D DUE TO SPACE LIMITATIONS TO PREVENT KINKS IN FLEX DUCT AND ALLOW PROPER CONN.
20. ALL DUCTWORK SHALL BE RUN CONCEALED WHERE POSSIBLE. ROUTE DUCTS AS HIGH AS POSSIBLE IN JOIST SPACE IN EXPOSED AREAS.
21. PROVIDE BUILDING ACCESS DOORS AS REQUIRED TO ACCESS MECHANICAL EQUIPMENT LOCATED ABOVE NON-REMOVABLE CEILINGS.
22. PROVIDE DUCT ACCESS DOORS AT ALL DAMPERS & BDD'S.
23. PROVIDE ALL CEILING DIFFUSERS INSTALLED IN A HARD LID CEILING WITH AN OPPOSED BLADE DAMPER OR A REMOTE BALANCING DAMPER WHERE A TYPICAL MANUAL VOLUME DAMPER WOULDNT BE ACCESSIBLE.
24. WHERE RETURN GRILLE CFMS ARE NOT INDICATED, BALANCER SHALL CALCULATE & SUBMIT FOR ENGINEER REVIEW. UNIT RA=SA-OA.
25. PROVIDE FLEX CONNECTORS IN DUCT CONNECTIONS TO ALL EQUIPMENT.
26. CFMS SHOWN REPRESENT AIRFLOWS WITH SYSTEM IN "OCCUPIED" MODE, HOOD FANS OFF.
27. EXHAUST & TRANSFER GRILLES SHALL BE INSTALLED TO BE INLINE W/ EACH OTHER (UNO).
28. PROVIDE TRANSITIONS FROM DUCT SIZES INDICATED TO CONNECTION SIZES AT EQUIPMENT TO MATCH UNIT CONNECTIONS. WHERE THE CONNECTING DUCT IS LINED, THE TRANSITION SHALL BE LINED.
29. ALL EQUIPMENT, PIPING, & DUCT RUNS SHALL NOT COME INTO CONTACT WITH ADJACENT PIPING OR EQUIPMENT.
30. SEE MECHANICAL PHASING NOTES ON SHEET M0.02.
31. ALL ITEMS ARE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.

CFM	DUCTS TO AIR INLETS/OUTLETS	OTHER DUCT
0 - 100	6" Ø	6" Ø
101 - 150	8" Ø	8" Ø
151 - 250	10" Ø	8" Ø
251 - 400	12" Ø	10" Ø
401 - 500	14" Ø	12" Ø
501 - 700	16" Ø	12" Ø
701 - 900	18" Ø	14" Ø
901 - 1200	20" Ø	16" Ø
1201 - 1500	---	18" Ø
1501 - 2000	---	20" Ø
2001 - 2400	---	22" Ø
>2401	SIZE BASED ON 500 FPM	SIZE BASED ON 0.087'100' P.D.

## MECHANICAL LEGEND

SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION
	WASTE OR SOIL (W)	AFF	ABOVE FINISHED FLOOR
	VENT (V)	AHJ	AUTHORITY HAVING JURISDICTION
	COLD WATER (CW)	APPROX	APPROXIMATELY
	HOT WATER (HW)	ARCH	ARCHITECTURAL
	HOT WATER CIRCULATING (HWC)	AUTO	AUTOMATIC
	CONDENSATE LINE (C)	BDD	BACKDRAFT DAMPER
	FIRE (F)	BTU	BRITISH THERMAL UNIT
	FIRE DEPARTMENT CONNECTION (FDC)	BTUH	BRITISH THERMAL UNIT/HOUR
	REFRIGERANT GAS (RG)	BLDG	BUILDING
	REFRIGERANT LIQUID (RL) [WHERE SHOWN ON HVAC PLANS]	CAP	CAPACITY
	CLEANOUT	CL	CEILING
	FLOOR DRAIN	CO	CLEANOUT
	ISOLATION VALVE - SEE SPECIFICATIONS FOR TYPE	COP	COEFFICIENT OF PERFORMANCE
	BALANCING VALVE	COMP	COMPRESSOR
	CHECK VALVE	CONN	CONNECTION
	UNION	CONT	CONTINUE CONTINUATION
	RELIEF VALVE	CTG	CEILING TRANSFER GRILLE
	AUTOMATIC AIR VENT	CFM	CUBIC FEET PER MINUTE
	STRAINER WITH BLOW-OFF VALVE	CW	COLD WATER
	CONCENTRIC REDUCER	DEG F, F	DEGREE FAHRENHEIT
	PRESSURE REDUCING VALVE	DFU	DRAINAGE FIXTURE UNIT
	THERMOMETER	DIA, Ø	DIAMETER
	PIPE UP	DOAS	DEDICATED OUTSIDE AIR SYSTEM
	PIPE DOWN	DN	DOWN
	PIPE TEE IN LINE, BRANCH PIPE DOWN	DWG	DRAWING
	DUCT (FIRST FIGURE, SIDE SHOWN)	DB	DRY BULB
	RISE (R) OR DROP (D)	DL	DOOR LOUVER
	ARROW IN DIRECTION OF FLOW	EA	EACH
	DUCT SECTION (SUPPLY)	EFF	EFFICIENCY
	DUCT SECTION (EXHAUST OR RETURN)	EC	ELECTRONICALLY COMMUTATED
	ROUND DUCT	ECM	ELECTRONICALLY COMMUTATED MOTOR
	VOLUME DAMPER (MANUAL)	ELEC	ELECTRICAL, ELECTRIC
	MOTORIZED DAMPER	EER	ENERGY EFFICIENCY RATIO
	FIRE DAMPER	EOL	END OF LINING
	FLEXIBLE CONNECTION	EXH	EXHAUST
	FLEXIBLE DUCT	ESP	EXTERNAL STATIC PRESSURE
	ELBOW WITH TURNING VANES	FPM	FEET PER MINUTE
	DUCT UP (RECTANGULAR)	FPS	FEET PER SECOND
	DUCT DOWN (RECTANGULAR)	FLEX	FLEXIBLE
	DUCT UP (ROUND)	FL	FLOOR
	DUCT DOWN (ROUND)	FCO	FLOOR CLEAN OUT
	CEILING OUTLET	FLA	FULL LOAD AMPS
	CEILING INLET	GAL	GALLON
	LINEAR SLOT DIFFUSER, FIRST NO. IS SLOT WIDTH, SECOND NO. IS NO. OF SLOTS, THIRD NO. IS LENGTH (IN FEET)	GALV.	GALVANIZED
	LINEAR SLOT RETURN, FIRST NO. IS SLOT WIDTH, SECOND NO. IS NO. OF SLOTS, THIRD NO. IS LENGTH (IN FEET)	HP	HORSE POWER
	WALL OUTLET (OR INLET)	HW	HOT WATER
	THERMOSTAT G= WITH GUARD A= AVERAGED WITH OTHER	HWC	HOT WATER CIRCULATION
	DETAIL IDENTIFICATION NUMBER SHEET ON WHICH DETAIL IS SHOWN	INTEGR.	INTEGRAL
	SECTION IDENTIFICATION LETTER SHEET ON WHICH SECTION IS SHOWN	IN	INCH
		I.E.	INVERT ELEVATION
		KW	KILOWATT
		LAT	LEAVING AIR TEMPERATURE
		LDB	LEAVING DRY BULB
		LWB	LEAVING WET BULB
		MAX	MAXIMUM
		MFR	MANUFACTURER
		MBH	THOUSAND BTUH
		MC	VRF MASTER CONTROLLER
		NCA	MINIMUM CIRCUIT AMPS
		MECH	MECHANICAL
		MIN	MINIMUM
		MJA	MAKE UP AIR
		NO.	NUMBER
		NTS	NOT TO SCALE
		OBD	OPPOSED BLADE DAMPER
		OA	OUTSIDE AIR
		PH	PHASE
		P.D.I.	PLUMBING AND DRAINAGE INST.
		PSI	POUNDS PER SQUARE INCH
		PSIG	POUNDS PER SQUARE INCH GAUGE
		PD	PRESSURE DROP
		PW	PUMPED WASTE
		R	RETURN
		RL	REFRIGERANT LIQUID
		RG	REFRIGERANT GAS
		RLA	RATED LOAD AMPS
		REF	REFERENCE
		REQ'D	REQUIRED
		RA	RETURN AIR
		RPM	REVOLUTIONS PER MINUTE
		RM	ROOM
		SA	SUPPLY AIR
		SCO	SURFACE CLEANOUT
		S.O.	SCREENED OPENING
		SS	STAINLESS STEEL
		TEMP	TEMPERATURE
		TD	TRANSFER DUCT
		TG	TRANSFER GRILLE
		TYP	TYPICAL
		UNO	UNLESS NOTED OTHERWISE
		VTR	VENT THROUGH ROOF
		VERT	VERTICAL
		VCO	VOLTS, VOLTAGE, VENT
		W	WALL CLEAN OUT
		WA	WASTE
		WB	WATT
		WL	WET BULB
		W/	WALL LOUVER
		W/	WITH
		WSEC	WASHINGTON STATE ENERGY CODE
		WSFU	WATER SUPPLY FIXTURE UNIT
		WTG	WALL TRANSFER GRILLE



PRCT120231772

# ED- FAST TRACK REMODEL

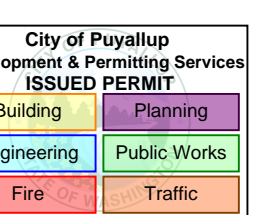
Multicare Good Samaritan Hospital

401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22

REVISIONS:



MECHANICAL GENERAL NOTES & LEGEND

# M0.01

PROJECT NO.: 07039

### MECHANICAL PHASING NOTES

- SEE ARCHITECTURAL SPECIFICATIONS AND PLANS FOR PROJECT PHASING DESCRIPTION AND DATES OF CONSTRUCTION/COMPLETION.
- ALL EXISTING MECHANICAL SYSTEMS SHALL BE MAINTAINED AND ACTIVE DURING THE PROJECT. PROVIDE ANY TEMPORARY PIPING, VALVES, CONTROLS OR OTHER MEANS AS REQUIRED. REROUTE EXISTING SYSTEMS AS NECESSARY. IN ADDITION TO WASTE, VENT, HW, HWC, CW, FIRE SPRINKLER, SUPPLY AIR, RETURN AIR, AND EXHAUST AIR, CONTRACTOR NEEDS TO BE AWARE OF EXISTING CONTROL SYSTEM THAT NEEDS TO REMAIN OPERATIONAL. DEMOLITION ACTIVITIES SHALL BE COORDINATED THRU CONTROL CONTRACTOR AND TEMPORARY PNEUMATIC TUBING IS ANTICIPATED TO BE NECESSARY.
- COMPLETE ALL MECHANICAL WORK TO MEET PROJECT SCHEDULE & MILESTONES.
- THE PHASING AREAS SHOWN ON THE SUGGESTED PHASING PLAN IS FOR FINISHED AREA COMPLETION, AND ARE NOT LIMITS OF WORK. IN ORDER TO MEET VARIOUS PROJECT PHASING REQUIREMENTS, IT IS NECESSARY TO COMPLETE MECHANICAL SYSTEMS IN OTHERWISE NON-COMPLETED AREAS TO ALLOW ALL SYSTEM IN OTHER PHASED AREAS TO BE FULLY OPERATIONAL. PROVIDE EARLY COMPLETION OF ALL SYSTEMS AS NECESSARY TO HAVE ALL AREAS COMPLETE AS REQUIRED.
- THE PHASING DESCRIPTION DENOTES KEY ASPECTS OF THE PHASING AND ARE A SUMMARY OF TEMPORARY SYSTEMS FOR THE PROJECT.
- PROVIDE DEMOLITION IN PHASES TO ACCOMMODATE. PROVIDE COMFORT BALANCING AT EACH PHASE FOR SPACES WITH EXISTING DUCTWORK. PROVIDE THOROUGH PIPE FLUSHING AT EACH PHASE SINCE NEW PIPING WILL BE CONNECTED TO EXISTING.

### MECHANICAL GENERAL DEMOLITION NOTES

- DEMOLITION DRAWINGS ARE INTENDED TO ONLY GIVE A GENERAL REPRESENTATION OF THE DEMOLITION INVOLVED, AND DO NOT CONSTITUTE A FULL LISTING OF ALL ITEMS REQUIRING REMOVAL. NOT ALL ITEMS TO BE DEMO'D ARE SHOWN. CONTRACTOR IS RESPONSIBLE TO REVIEW EXISTING CONDITIONS, EXISTING DRAWINGS, AND MECHANICAL GENERAL DEMOLITION NOTES.
- A PRE-BID WALK-THRU IS A MANDATORY REQUIREMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW SITE CONDITIONS AND TO IDENTIFY ALL DEMOLITION WORK, AND INCLUDE IN HIS BID ALL COSTS FOR DEMOLITION & DISPOSAL. NOT ALL PLUMBING FIXTURES & HVAC ITEMS TO BE DEMO'D ARE SHOWN; SEE GENERAL NOTES FOR REQUIREMENTS.
- EXISTING DUCTS, EQUIPMENT, PIPING, AIR INLETS/OUTLETS, PLUMBING FIXTURES SHOWN DASHED REPRESENT MAJOR MECHANICAL ITEMS TO BE REMOVED. SEE GENERAL NOTES, DRAWING NOTES & KEYED NOTES WHICH COVER ALL OTHER MISC. MECHANICAL ITEMS TO BE REMOVED.
- ALL EXISTING ITEMS NOT BEING REUSED SHALL BE REMOVED. THIS INCLUDES SUCH ITEMS AS THERMOSTATS, CONTROL DEVICES, CONTROL WIRING, PNEUMATIC TUBING, DUCTS, FANS, PIPING, GRILLES, SUPPORTS, VALVES, CURBS, AND RELATED ACCESSORIES.
- ABANDONED ITEMS, ANCHORS, INSERTS, PIPE STUBS, AND OTHER PROJECTIONS NOT BEING CONCEALED BY NEW CONSTRUCTION SHALL BE REMOVED TO 1" BELOW THE ADJACENT FINISHED SURFACE, AND THE DISTURBED AREA PATCHED.
- PATCH SO AS TO MATCH FINISH OF ADJACENT UNDISTURBED AREA.
- REFERENCE ARCHITECTURAL DRAWINGS FOR WHERE CEILING/WALL AND OTHER GENERAL DEMOLITION WORK IS BEING DONE.
- SEE MECHANICAL FLOOR PLANS FOR HVAC DUCTS THAT ARE BEING REUSED.
- WHERE EXIST. DUCTS ARE REUSED, AND EXISTING BRANCH DUCTS ARE REMOVED, PROVIDE SHEET METAL PATCH WITH INSULATION AT UNUSED CONNECTION (INSULATION REQUIRED ON SUPPLY AIR DUCTS ONLY).
- WHERE EXISTING PLUMBING FIXTURES ARE REMOVED, CAP OFF CW, HW, VENT & WASTE PIPING AT A CONCEALED LOCATION (I.E. ABOVE CEILING OR INSIDE WALL).
- WHEREVER FLOOR DRAINS ARE REMOVED, LOCATE AND REMOVE TRAP PRIMER THAT SERVED DRAIN(S) AND CAP OFF CW PIPING.
- WHEREVER TEMPORARY CAP-OFF OF ALL EXISTING SYSTEMS TO ALLOW CONTINUED USE OF ALL SYSTEMS UNTIL THE FINAL SYSTEM COMPONENTS ARE INSTALLED AND CONNECTED (INCLUDE CW, HW, HWC, FIRE SPRINKLER, WASTE, VENT, CONTROLS, DUCTWORK, ETC.).
- HOLD ALL REMOVED ITEMS FOR OWNERS REVIEW. ITEMS SELECTED BY OWNER FOR SALVAGE SHALL BE MOVED BY THE CONTRACTOR TO THE OWNERS STORAGE ROOM (VERIFY EXACT LOCATION WITH OWNER). ITEMS NOT SELECTED BY OWNER FOR SALVAGE SHALL BE DISPOSED OFF SITE BY CONTRACTOR.
- ALL EXISTING ITEMS ASSOCIATED WITH DEMO'D ITEMS SHALL BE REMOVED. THIS INCLUDES SUCH ITEMS AS HANGERS, THERMOSTATS, DAMPERS, CURBS, SUPPORTS, CONTROL WIRING/CONDUIT, UNIONS, VALVES, PIPING, DUCTS, AND SIMILAR ACCESSORIES.
- ROUTING SHOWN OF EXISTING ITEMS IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS, CONTENTS, AND FLOW DIRECTION OF ALL PIPING & DUCTS. LABELING SHOWN ON PLANS HAS NOT BEEN VERIFIED.
- PROVIDE CAP-OFF OF ALL EXISTING UTILITIES THAT ARE CUT OR SERVED DEMO'D ITEMS. SYSTEMS TO BE CAPPED OFF INCLUDE HW, HWC, CW, WASTE, VENT, SA DUCTS, RA DUCTS, AND EXHAUST DUCTS. ALL CAP-OFFS SHALL OCCUR IN A CONCEALED LOCATION.
- SEE PLUMBING AND HVAC FLOOR PLANS FOR RECONNECTION OF NEW PIPING AND DUCTWORK.
- SEE MECHANICAL PHASING NOTES ON THIS SHEET.

### MAINTENANCE ACCESS NOTES

- ACCESS AREAS ARE EXTREMELY TIGHT AND REQUIRE SPECIAL COORDINATION BETWEEN TRADES AND SPECIAL INSTALLATION EFFORTS TO PROVIDE MAINTENANCE ACCESS THROUGH THE MEZZANINE AND TO ALL ITEMS REQUIRING MAINTENANCE OR SERVICE. SUCH ITEMS INCLUDE ALL EQUIPMENT, VALVES, DAMPERS, CONTROL DEVICES, FILTERS, VFD'S, AND SIMILAR ITEMS.
- FULL MAINTENANCE ACCESS IS A PROJECT REQUIREMENT. POOR MAINTENANCE ACCESS WILL NOT BE ACCEPTED.
- CONTRACTOR SHALL APPLY EXTRA ATTENTION TO THE LOCATION OF PIPE, DUCT, AND CONDUIT ROUTINGS AND IN COORDINATING ALL WORK SO THAT MAINTENANCE ACCESS AND A MAINTENANCE PATHWAY ARE MAINTAINED. CONTRACTOR SHALL NOTE THAT IN ALL ACCESS AREAS ADDED ELBOWS, FITTINGS, AND TRANSITIONS ARE REQUIRED THROUGHOUT TO MAINTAIN SUCH ACCESS. DUCT GAUGE AND ASSOCIATED REINFORCEMENT METHODS SHALL BE SELECTED SO THAT REINFORCEMENT ANGLES ARE NOT USED WHICH WOULD REDUCE OR INTRUDE INTO MAINTENANCE ACCESS AREAS. SYSTEM SUPPORTS SHALL BE OF THE TYPE, LOCATION, AND ARRANGEMENT SO AS NOT TO REDUCE OR INTRUDE INTO MAINTENANCE ACCESS AREAS. VALVING SHALL BE RACKED VERTICALLY TIGHT TO UNITS AND CLEAR OF ACCESS WALKWAY PATH.
- ALL DUCTWORK, PIPING AND RELATED ITEMS INSTALLED SO AS TO PRESENT A SAFETY HAZARD (I.E. ITEMS INSTALLED AT/NEAR HEAD HEIGHT, ITEMS PROJECTING INTO MAINTENANCE ACCESS PATHS, ETC.) SHALL BE COVERED (AT THE HAZARDOUS AREA) WITH 3/4" THICK ELASTOMERIC INSULATION (OR USE EQUIVALENT FACTORY FABRICATED PROTECTIVE COVERS) AND REFLECTIVE STRIPED RED/WHITE SELF-STICKING SAFETY TAPE. ALL SHARP CORNERS ON SUPPORTS AND OTHER INSTALLED ITEMS SHALL BE GROUND SMOOTH.

### AIR INLET & OUTLET SCHEDULE

SYMBOL	TYPE	BASIS OF DESIGN MANUFACTURER AND SERIES NO.	REMARKS
CD	CEILING DIFFUSER	TITUS PAS	CURVED BLADES MODULAR CORE, SQUARE NECK, PERFORATED FACE
CEG	CEILING EXHAUST GRILLE	TITUS PAR	1/2"x1/2"x1/2" CUBE CORE, PERFORATED FACE

#### NOTES:

- CEILING DIFFUSERS (CD) SHALL HAVE NO. & DIRECTION OF THROWS AS INDICATED ON PLANS. (E.G. CD-3 = 3 WAY THROW)
- ALL AIR TERMINALS SHALL HAVE FACTORY FINISH, COLOR AS SELECTED BY ARCHITECT.
- SEE LEGEND FOR TERMINOLOGY USED IN AIR TERMINAL CALL-OUTS ON DRAWINGS.
- SEE ARCH. FINISH SCHEDULE FOR CEILING TYPES, PROVIDE AIR TERMINALS TO MATCH CEILING CONSTRUCTION INSTALLED IN.

### PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	W	V	CW	HW	REMARKS
P-3A	HANDWASH SINK	2"	1-1/2"	1/2"	1/2"	WALL MOUNT, ADA ACCESSIBLE.
<del>P-5A</del>	<del>SINK - POCT</del>	<del>2"</del>	<del>2"</del>	<del>1/2"</del>	<del>1/2"</del>	<del>ADA ACCESSIBLE, SINGLE COMPARTMENT, STAINLESS</del>
P-5B	SINK - POCT	2"	2"	1/2"	1/2"	ADA ACCESSIBLE, SINGLE COMPARTMENT, STAINLESS, W/ EYEWASH
P-5C	SINK-CHARTING	2"	2"	1/2"	1/2"	ADA ACCESSIBLE, SINGLE COMPARTMENT, STAINLESS
P-12A	VALVE BOX	-	-	1/2"	-	

Hultz|BHU Inc.  
Consulting Engineers

(253) 383-3257

#### VENTILATION CALCULATION

#### PROJECT INFORMATION:

Name: Multicare GSH - Fast Track  
Calc By: JC  
Remarks: As Insulated

Job No.: 22-142  
Date: 7/8/22

= Calculated  
= Manually entered, from Code  
= Manually entered, from plans

#### Fast Track

	Area (SF)	Height (Ft)	Volume (FT <sup>3</sup> )	Room Function	Pressure Relationship	Minimum Required Outside Air Changes (ACH)	Provided Outside Air Changes (ACH)	Minimum Required Total Air Changes (ACH)	Provided Total Air Changes (ACH)	All Air Exhausted	Air Recirculated	OA Changes Per Hour Meets Code?	Total Changes Per Hour Meets Code?
FT Bay 1	83.2	8.75	728.3	Treatment Room (x)	NR	2	9.9	6	9.9	Yes	No	Yes	Yes
FT Bay 2	80.4	8.75	703.8	Treatment Room (x)	NR	2	10.2	6	10.2	Yes	No	Yes	Yes
FT Bay 3	80.1	8.75	700.9	Treatment Room (x)	NR	2	10.3	6	10.3	Yes	No	Yes	Yes
FT Bay 4	80.9	8.75	708.0	Treatment Room (x)	NR	2	10.2	6	10.2	Yes	No	Yes	Yes
FT Bay 5	93.4	8.75	817.1	Treatment Room (x)	NR	2	8.8	6	8.8	Yes	No	Yes	Yes
FT Bay 6	78.5	8.75	686.9	Treatment Room (x)	NR	2	10.5	6	10.5	Yes	No	Yes	Yes
FT Bay 7	78.4	8.75	686.1	Treatment Room (x)	NR	2	10.5	6	10.5	Yes	No	Yes	Yes
FT Bay 8	78.7	8.75	688.3	Treatment Room (x)	NR	2	10.5	6	10.5	Yes	No	Yes	Yes
FT Bay 9	89.0	8.75	778.8	Treatment Room (x)	NR	2	9.2	6	9.2	Yes	No	Yes	Yes
Corridor	324.8	8.75	2,842.3	Patient Corridor	NR	NR	7.1	2	7.1	Yes	No	Yes	Yes
Patient TL.	53.3	8.75	466.5	Toilet Room	Negative	NR	19.3	10	19.3	Yes	No	Yes	Yes
POCT	86.5	8.75	756.7	Laboratory, General (v)	Negative	2	19.8	6	19.8	Yes	No	Yes	Yes
CHARTING/PIXIS	89.4	8.75	782.0	Medication Room	NR	2	14.2	4	14.2	Yes	No	Yes	Yes
SECLUSION 1	77.1	8.75	674.5	Patient Room	NR	2	9.8	4	9.8	Yes	No	Yes	Yes
SECLUSION 2	77.1	8.75	674.5	Patient Room	NR	2	9.8	4	9.8	Yes	No	Yes	Yes
ANTE ROOM	170.8	8.75	1,494.7	Patient Room	NR	2	9.2	4	9.2	Yes	No	Yes	Yes



PRCT120231772

## ED- FAST TRACK REMODEL

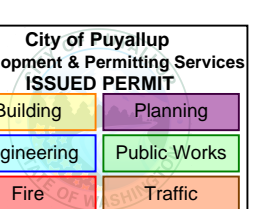
Multicare Good Samaritan Hospital

401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22

REVISIONS:



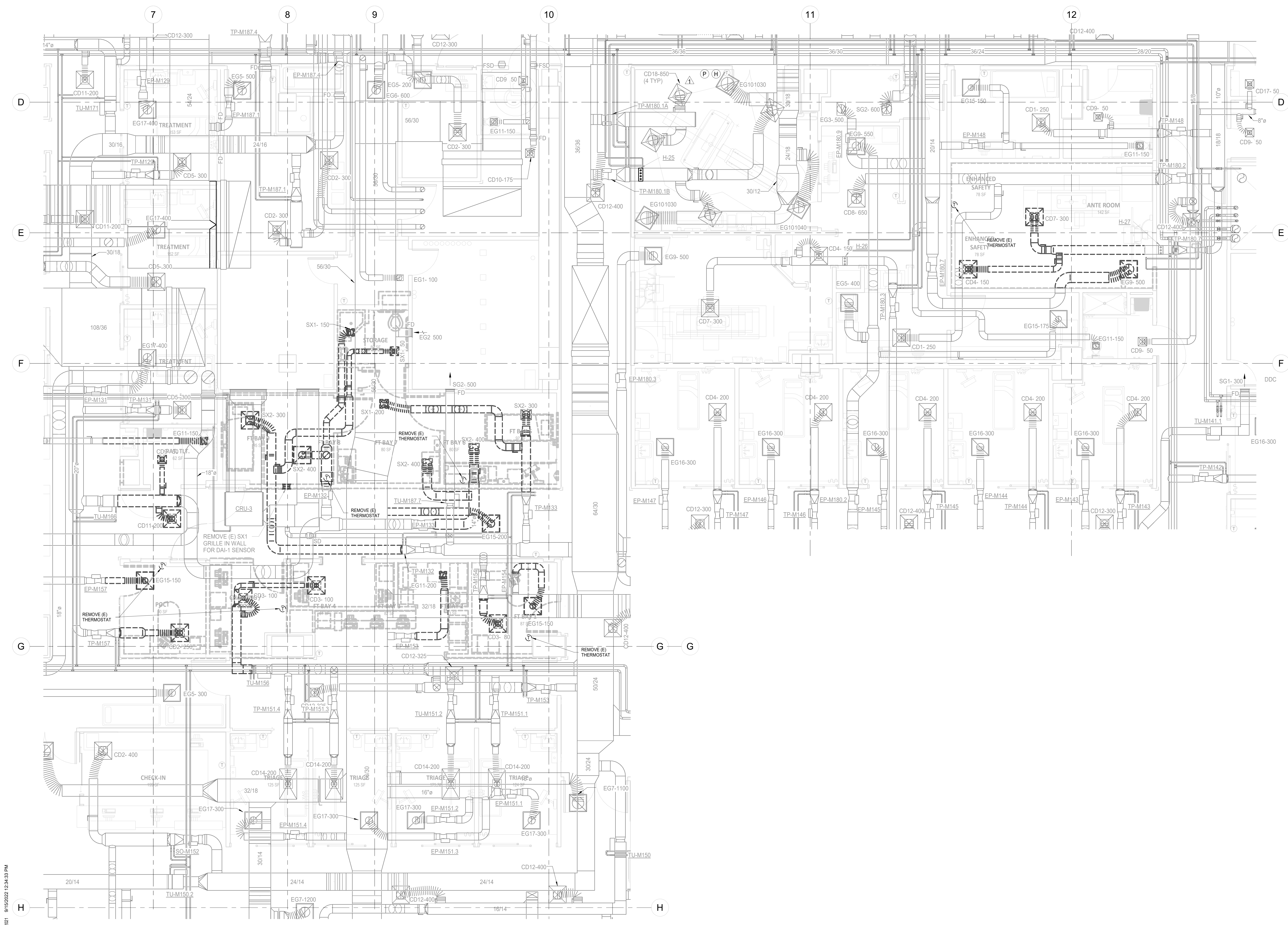
MECHANICAL SCHEDULES

M0.02

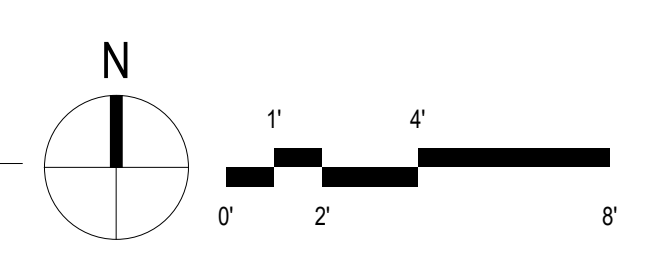
PROJECT NO.: 07039

HULTZ | BHU  
engineers inc

1111 Fawcett Ave Suite 100 Tacoma, WA 98402  
Phone: (253) 383-3257 Fax: (253) 383-3283  
general@hultzbhu.com Job Number: 22-142



**1 FLOOR PLAN - LEVEL 1 - HVAC DEMO**  
 1/4" = 1'-0"



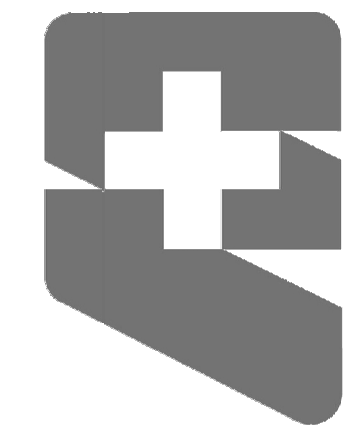
CLARK KJOS ARCHITECTS, LLC COPYRIGHT 2021 9/15/2022 12:43:33 PM

**CLARK KJOS ARCHITECTS, LLC**  
 621 SW Alder St., Suite 700  
 Portland, OR 97205  
 Phone: 503.224.4848

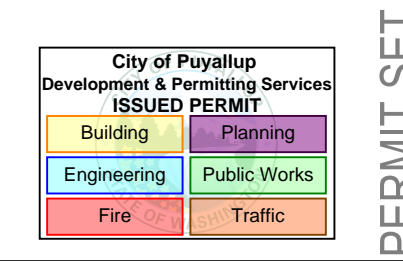


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**ED - FAST TRACK REMODEL**  
 Multicare Good Samaritan Hospital  
 401 15th Ave. SE, Puyallup WA 98372



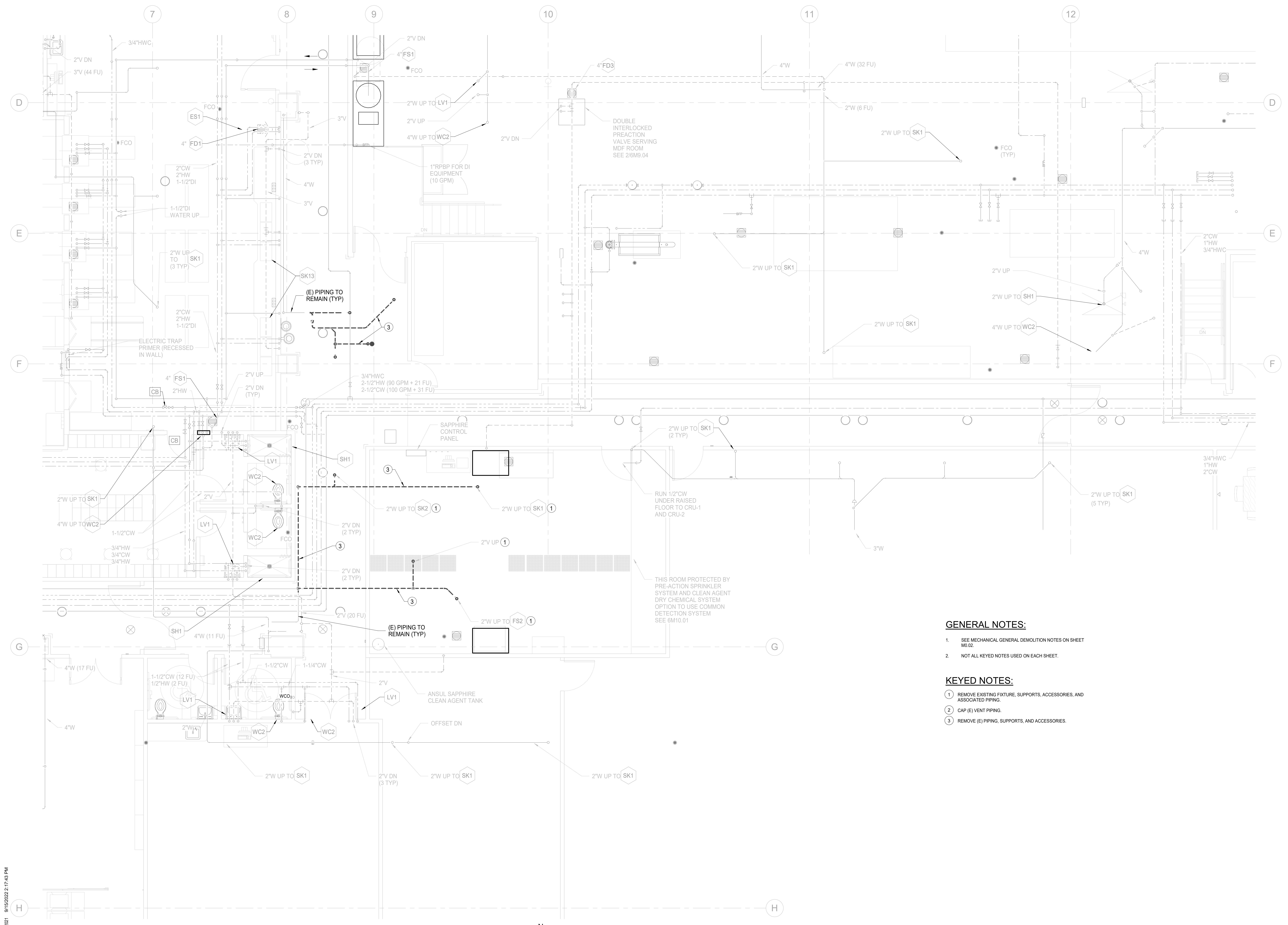
ISSUE DATE: 09.15.22  
 REVISIONS:  
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PERMIT SET

**HULTZ + BHU**  
 engineers inc  
 1111 Fawcett Ave Suite 100 Tacoma, WA 98402  
 Phone: (253) 383-3257 Fax: (253) 383-3283  
 general@hultzbhu.com Job Number: 22-142

**FIRST FLOOR PLAN - HVAC DEMO**  
**M1.01**  
 PROJECT NO.: 07039



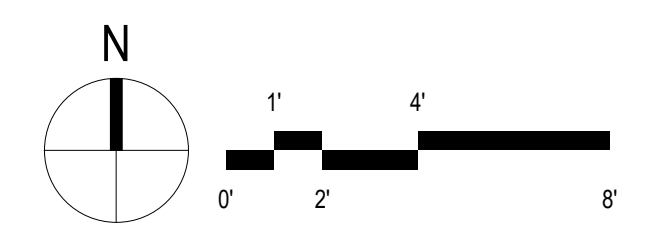
**GENERAL NOTES:**

- SEE MECHANICAL GENERAL DEMOLITION NOTES ON SHEET M0.02.
- NOT ALL KEYED NOTES USED ON EACH SHEET.

**KEYED NOTES:**

- REMOVE EXISTING FIXTURE, SUPPORTS, ACCESSORIES, AND ASSOCIATED PIPING.
- CAP (E) VENT PIPING.
- REMOVE (E) PIPING, SUPPORTS, AND ACCESSORIES.

**1 FLOOR PLAN - LEVEL A - PLUMBING DEMO**  
1/4" = 1'-0"

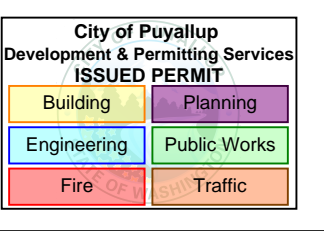


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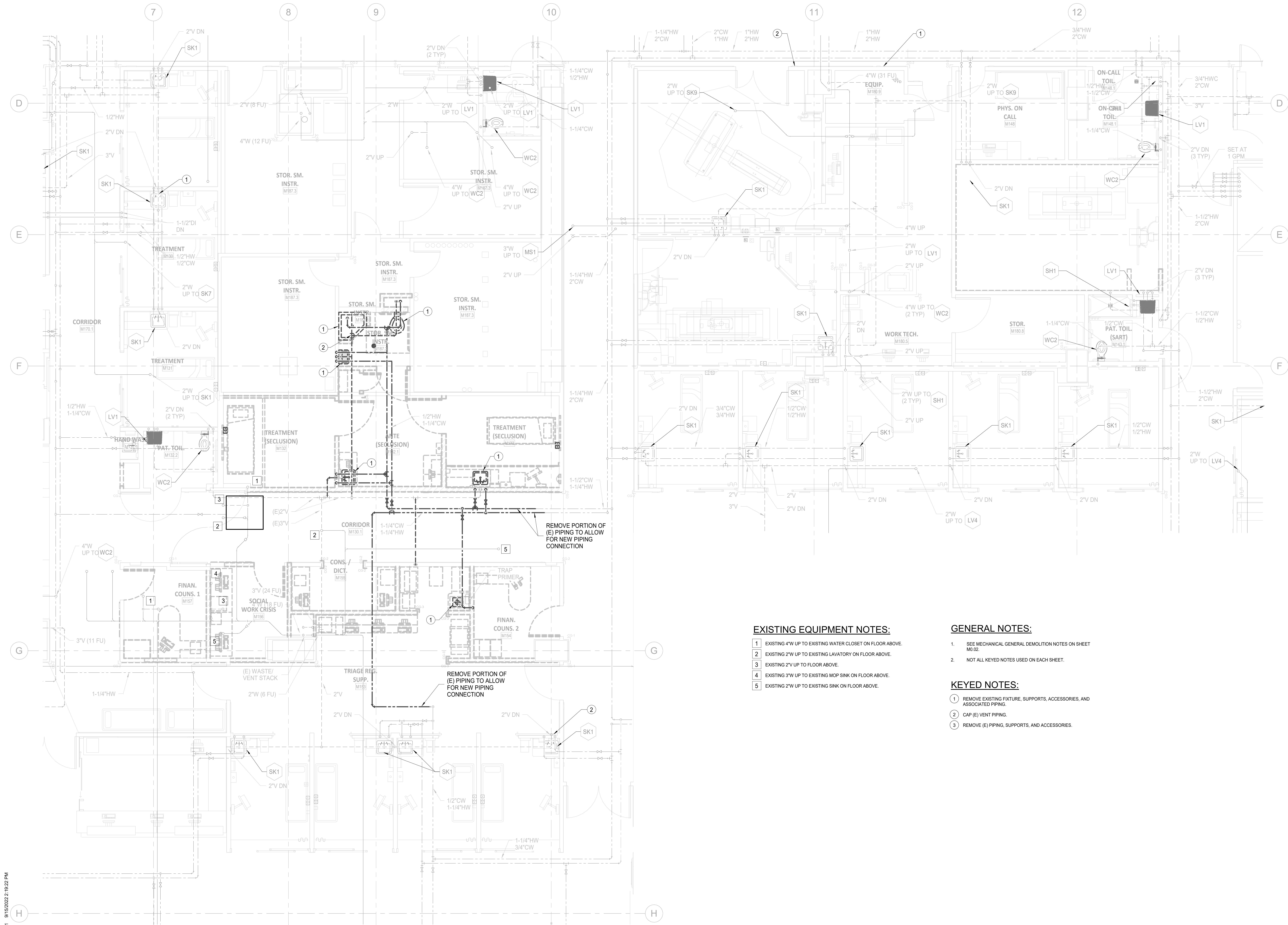
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Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
REVISIONS:



PERMIT SET



**EXISTING EQUIPMENT NOTES:**

- 1 EXISTING 4"W UP TO EXISTING WATER CLOSET ON FLOOR ABOVE.
- 2 EXISTING 2"W UP TO EXISTING LAVATORY ON FLOOR ABOVE.
- 3 EXISTING 2"W UP TO FLOOR ABOVE.
- 4 EXISTING 3"W UP TO EXISTING MOP SINK ON FLOOR ABOVE.
- 5 EXISTING 2"W UP TO EXISTING SINK ON FLOOR ABOVE.

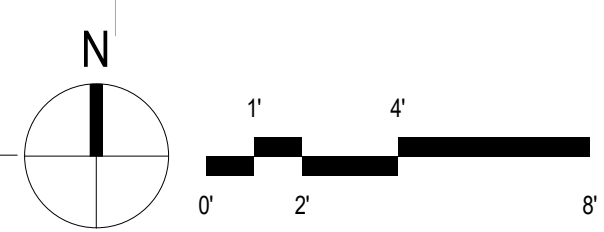
**GENERAL NOTES:**

- 1 SEE MECHANICAL GENERAL DEMOLITION NOTES ON SHEET M0.02.
- 2 NOT ALL KEYED NOTES USED ON EACH SHEET.

**KEYED NOTES:**

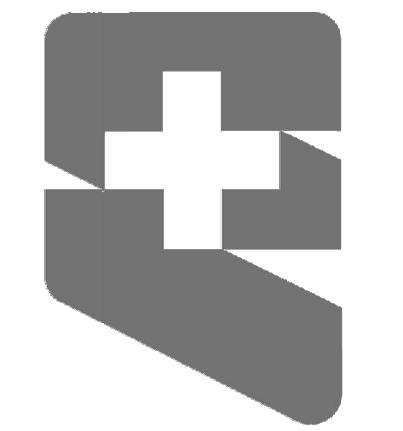
- 1 REMOVE EXISTING FIXTURE, SUPPORTS, ACCESSORIES, AND ASSOCIATED PIPING.
- 2 CAP (E) VENT PIPING.
- 3 REMOVE (E) PIPING, SUPPORTS, AND ACCESSORIES.

**1 FLOOR PLAN - LEVEL 1 - PLUMBING DEMO**  
1/4" = 1'-0"

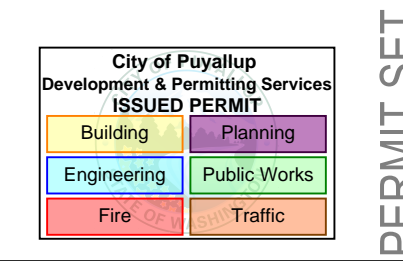


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Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372

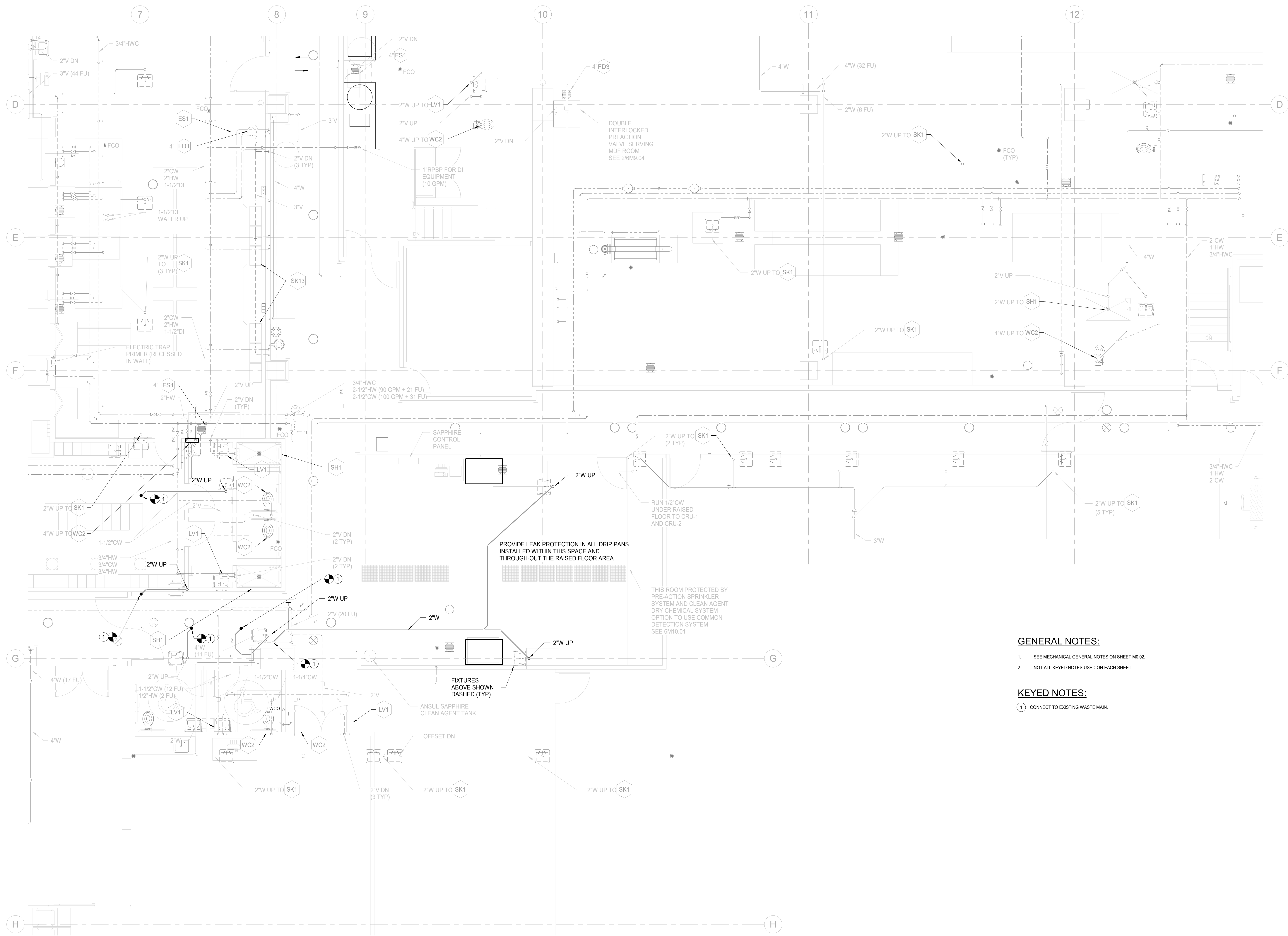


ISSUE DATE: 09.15.22  
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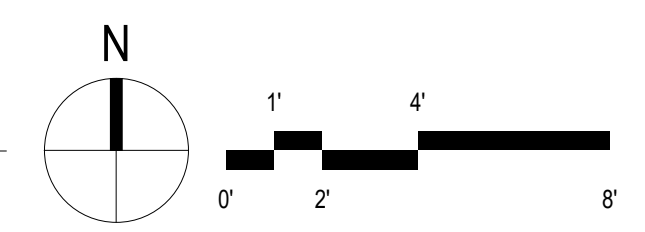


FIRST FLOOR PLAN - PLUMBING DEMO

**M1.03**  
PROJECT NO.: 07039



**1 FLOOR PLAN - LEVEL A - PLUMBING**  
 1/4" = 1'-0"



- GENERAL NOTES:**
- SEE MECHANICAL GENERAL NOTES ON SHEET M0.02.
  - NOT ALL KEYED NOTES USED ON EACH SHEET.
- KEYED NOTES:**
- CONNECT TO EXISTING WASTE MAIN.

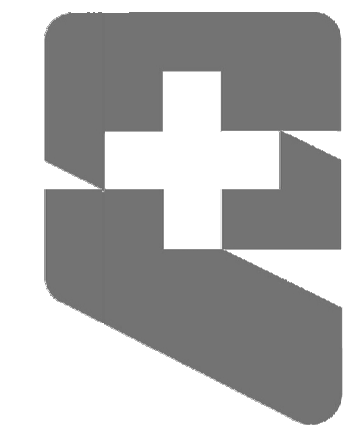
PROVIDE LEAK PROTECTION IN ALL DRIP PANS  
 INSTALLED WITHIN THIS SPACE AND  
 THROUGH-OUT THE RAISED FLOOR AREA

THIS ROOM PROTECTED BY  
 PRE-ACTION SPRINKLER  
 SYSTEM AND CLEAN AGENT  
 DRY CHEMICAL SYSTEM  
 OPTION TO USE COMMON  
 DETECTION SYSTEM  
 SEE 6M10.01

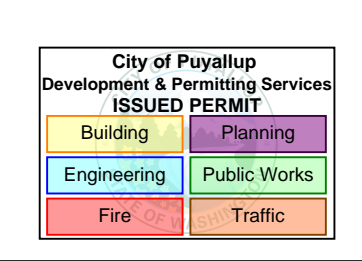


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**ED - FAST TRACK REMODEL**  
 Multicare Good Samaritan Hospital  
 401 15th Ave. SE, Puyallup WA 98372

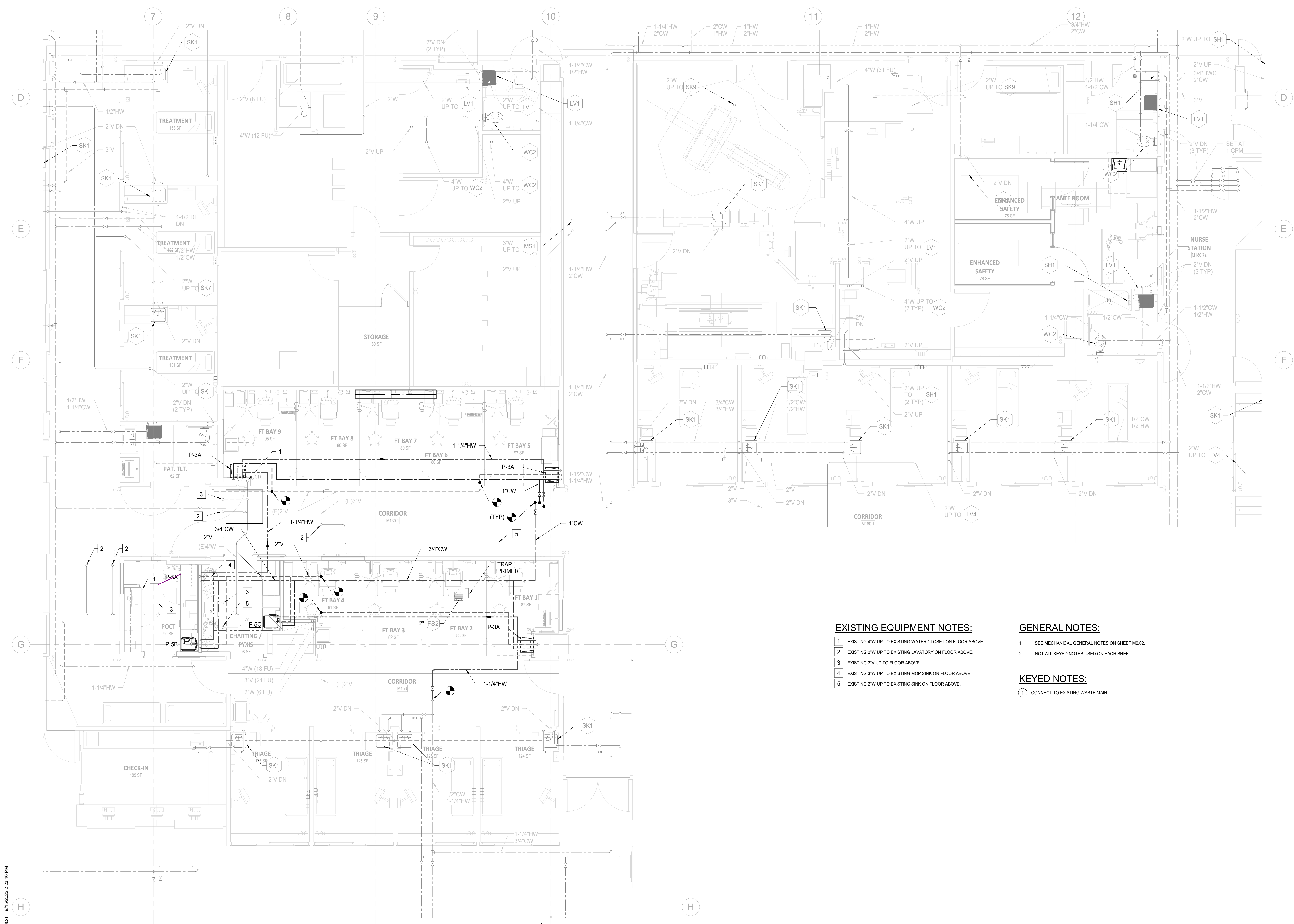


ISSUE DATE: 09.15.22  
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FLOOR PLAN - LEVEL A -  
 PLUMBING

**M3.01**  
 PROJECT NO.: 07039



**EXISTING EQUIPMENT NOTES:**

- 1 EXISTING 4"W UP TO EXISTING WATER CLOSET ON FLOOR ABOVE.
- 2 EXISTING 2"W UP TO EXISTING LAVATORY ON FLOOR ABOVE.
- 3 EXISTING 2"W UP TO FLOOR ABOVE.
- 4 EXISTING 3"W UP TO EXISTING MOP SINK ON FLOOR ABOVE.
- 5 EXISTING 2"W UP TO EXISTING SINK ON FLOOR ABOVE.

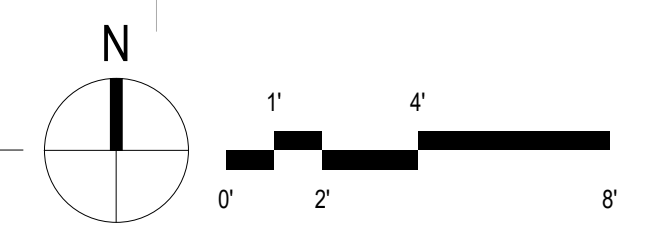
**GENERAL NOTES:**

- 1. SEE MECHANICAL GENERAL NOTES ON SHEET M0.02.
- 2. NOT ALL KEYED NOTES USED ON EACH SHEET.

**KEYED NOTES:**

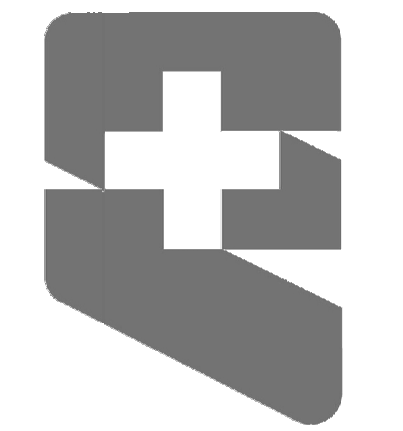
- ① CONNECT TO EXISTING WASTE MAIN.

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

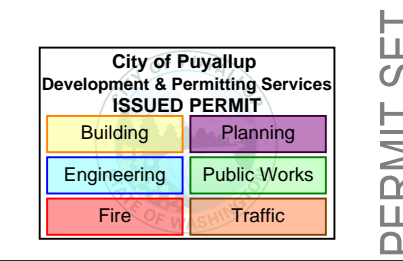


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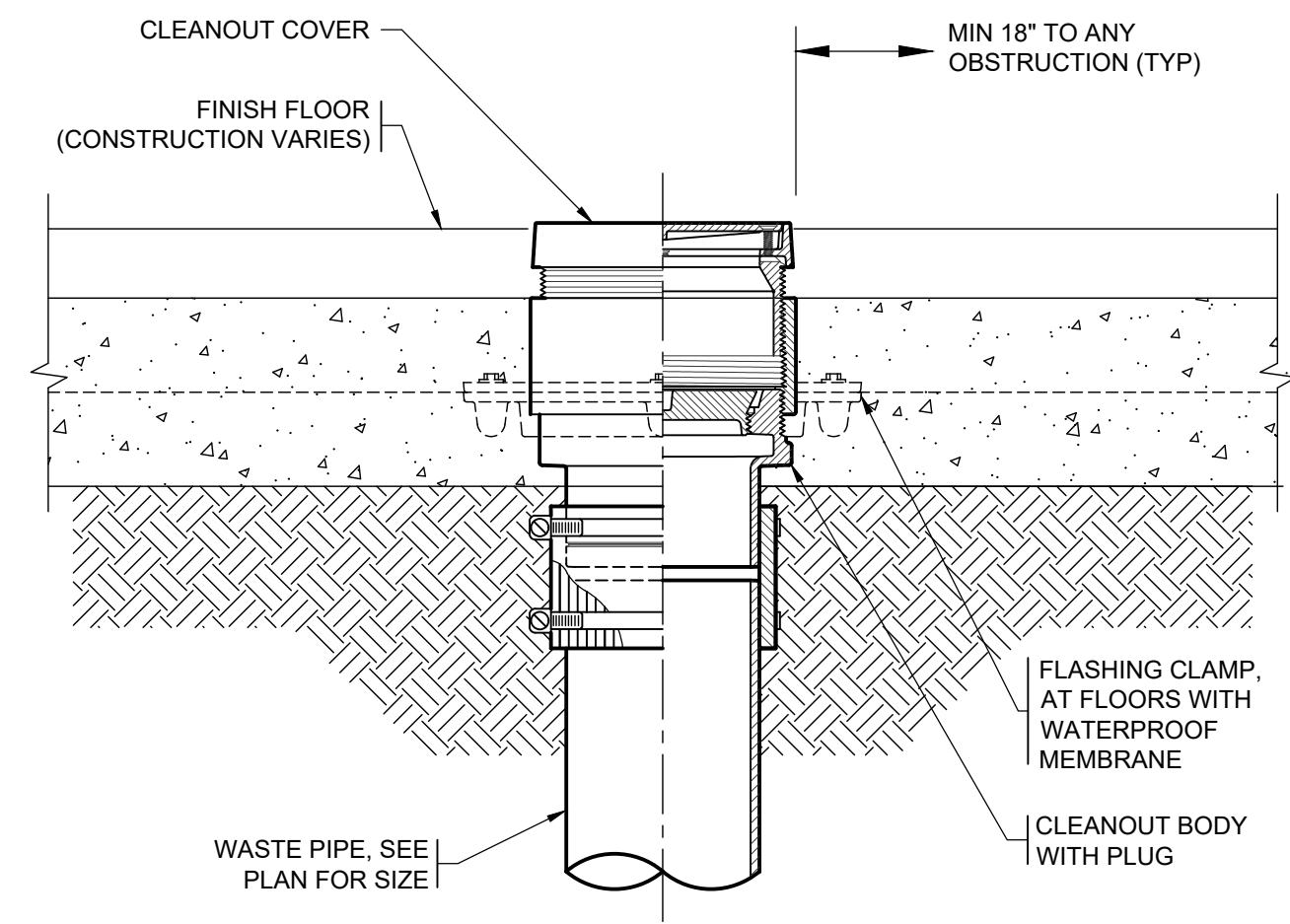


FIRST FLOOR PLAN - PLUMBING

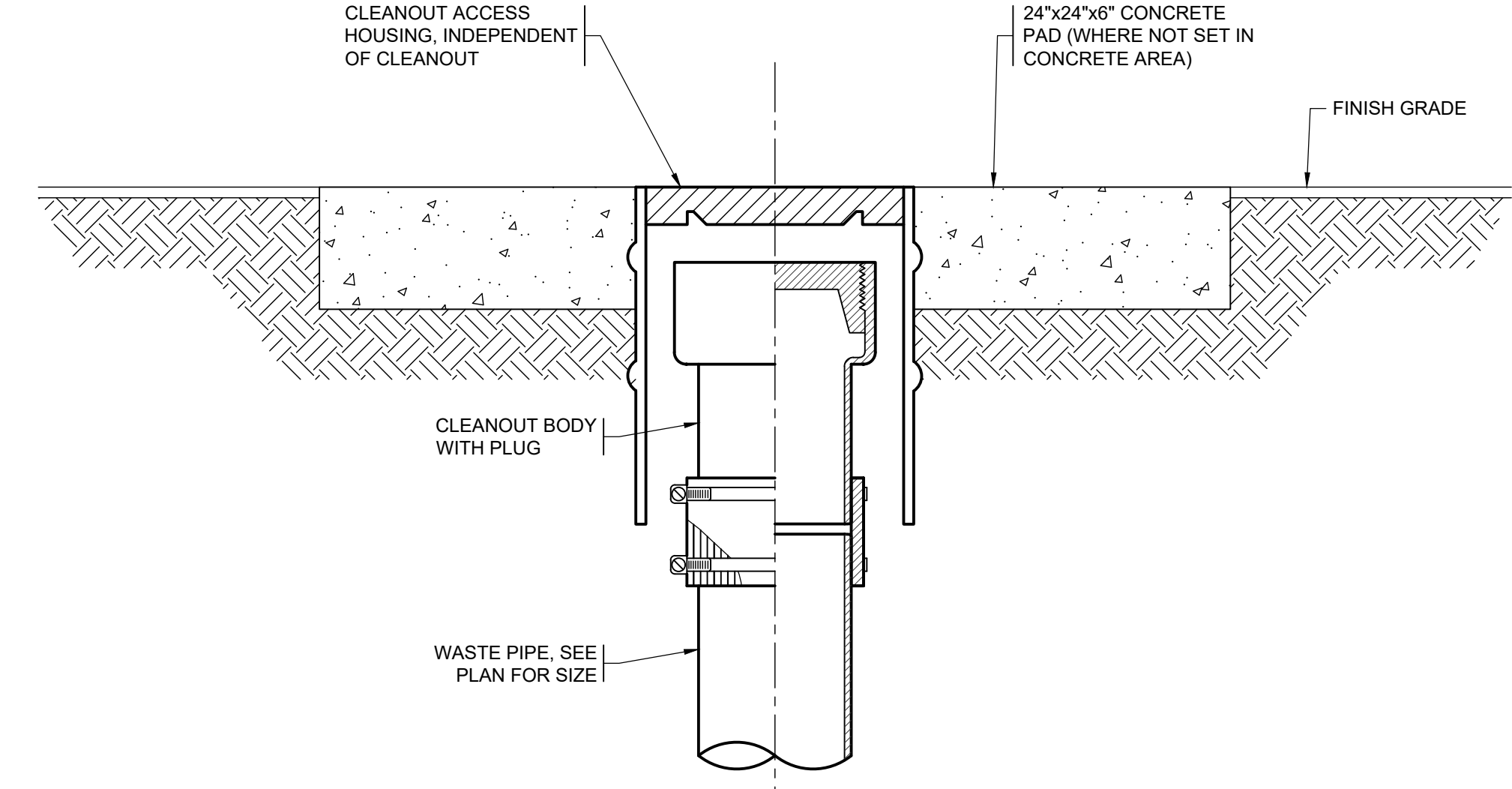
**M3.02**

PROJECT NO.: 07039

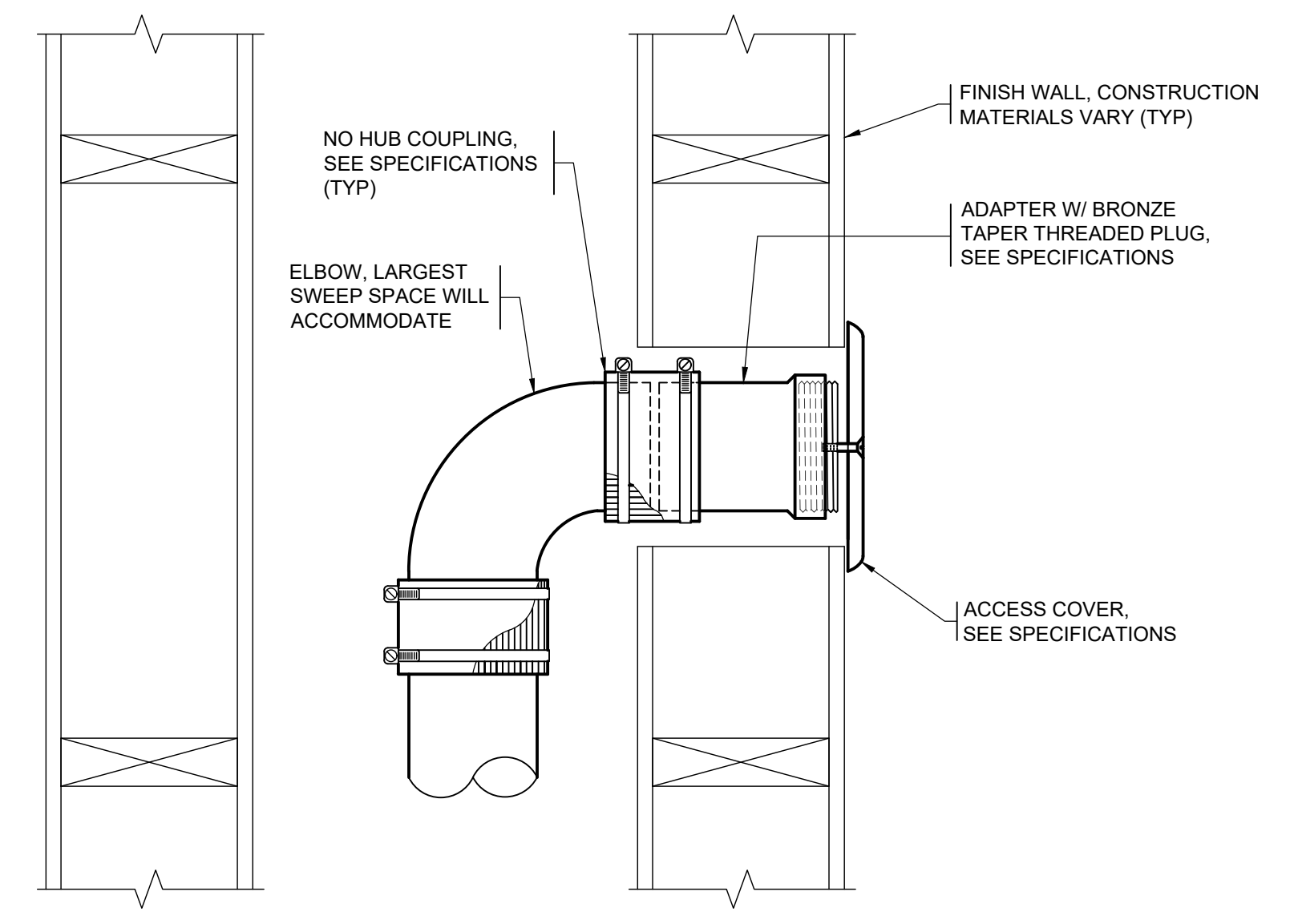




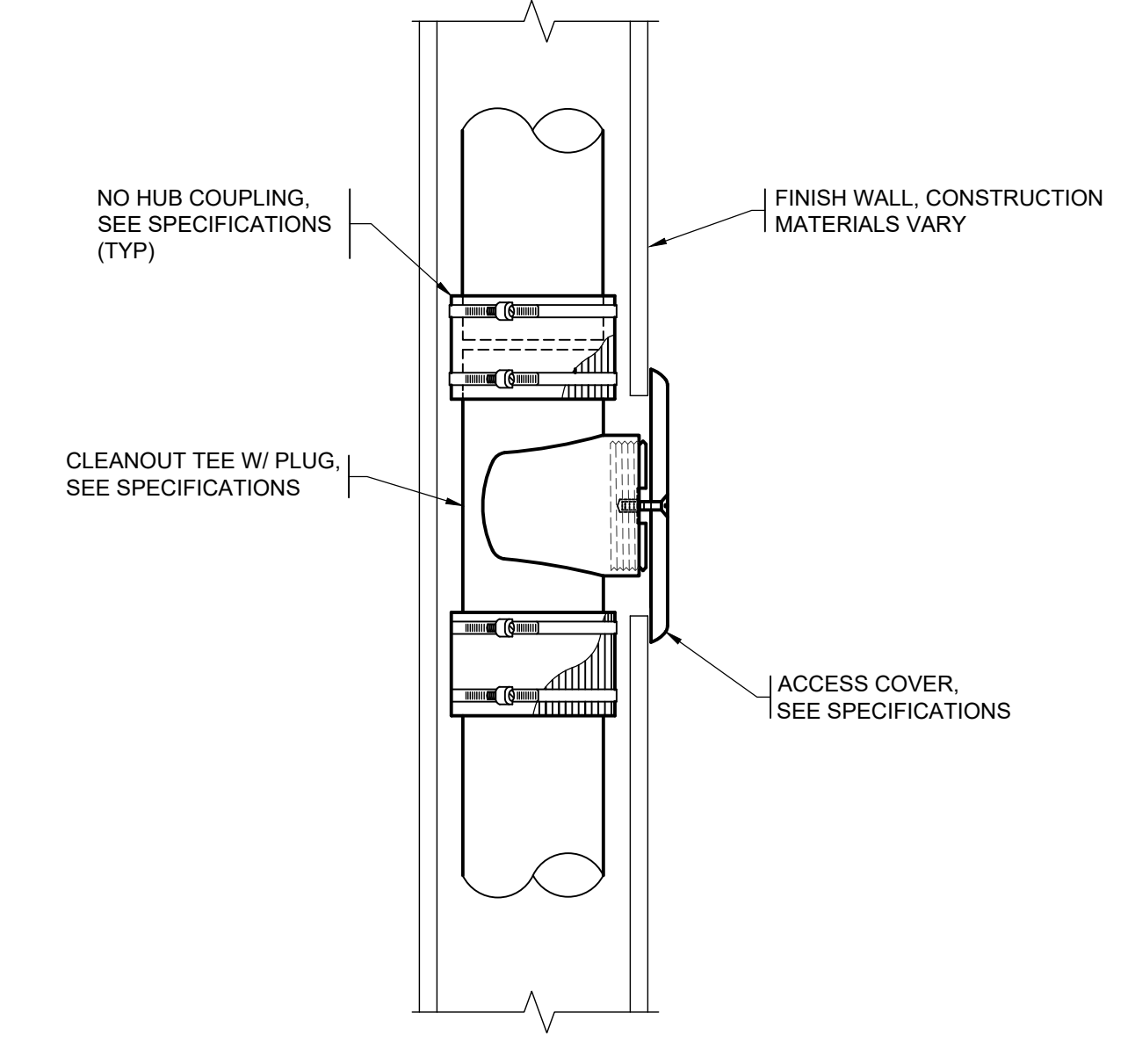
**FLOOR CLEANOUT (FCO) DETAIL 3**  
NTS M3.21



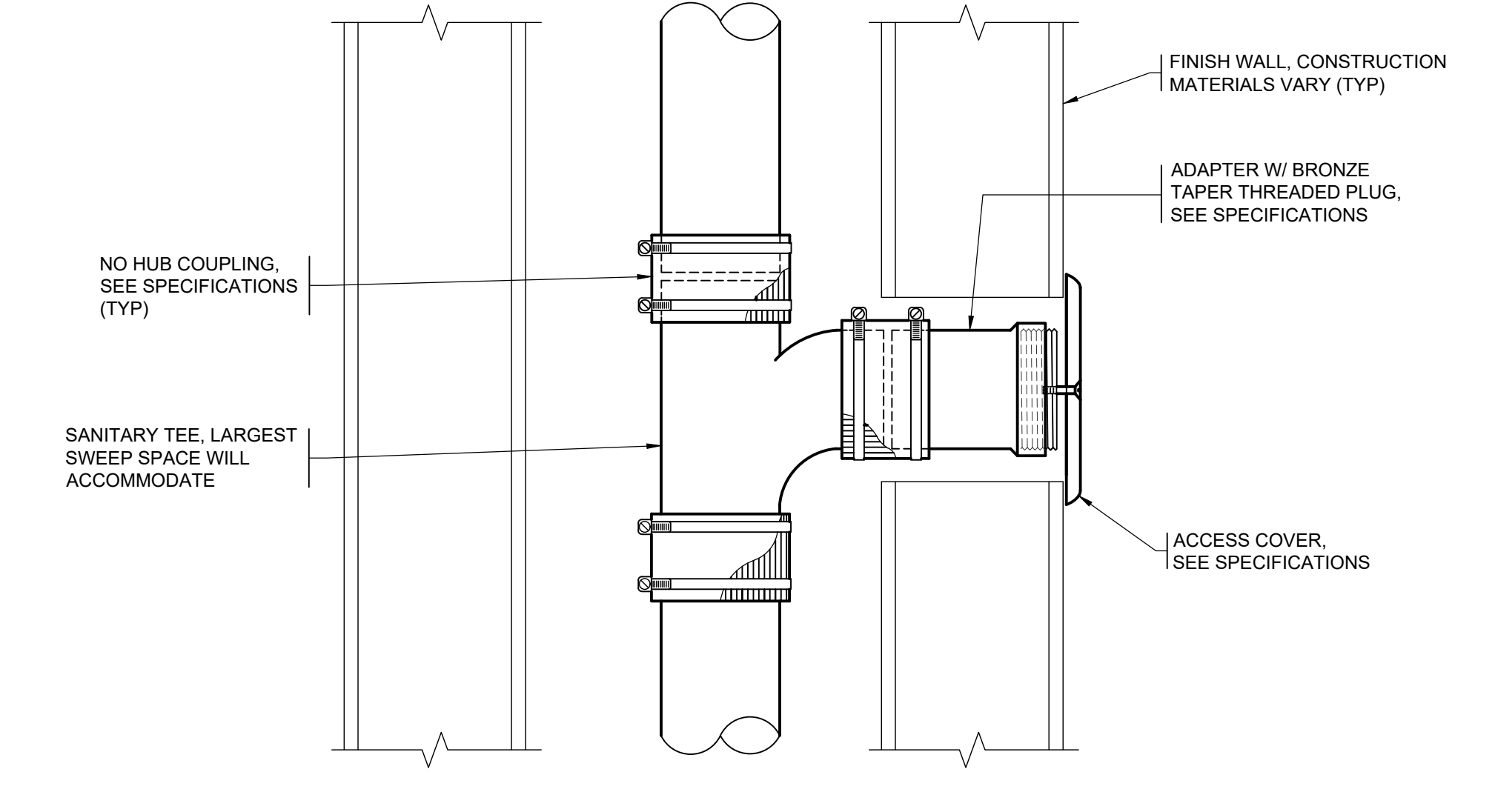
**SURFACE CLEANOUT (SCO) DETAIL 2**  
NTS M3.21



**WALL CLEANOUT-W/ ELBOW 6**  
NTS M3.21



**WALL CLEANOUT-IN WALL 5**  
NTS M3.21



**WALL CLEANOUT-W/ TEE IN CHASE 4**  
NTS M3.21

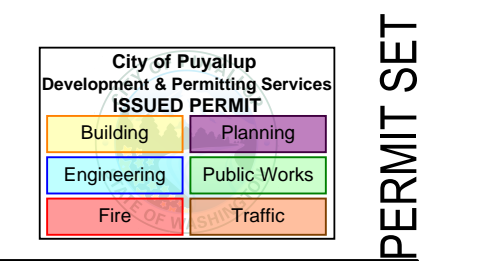


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Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372



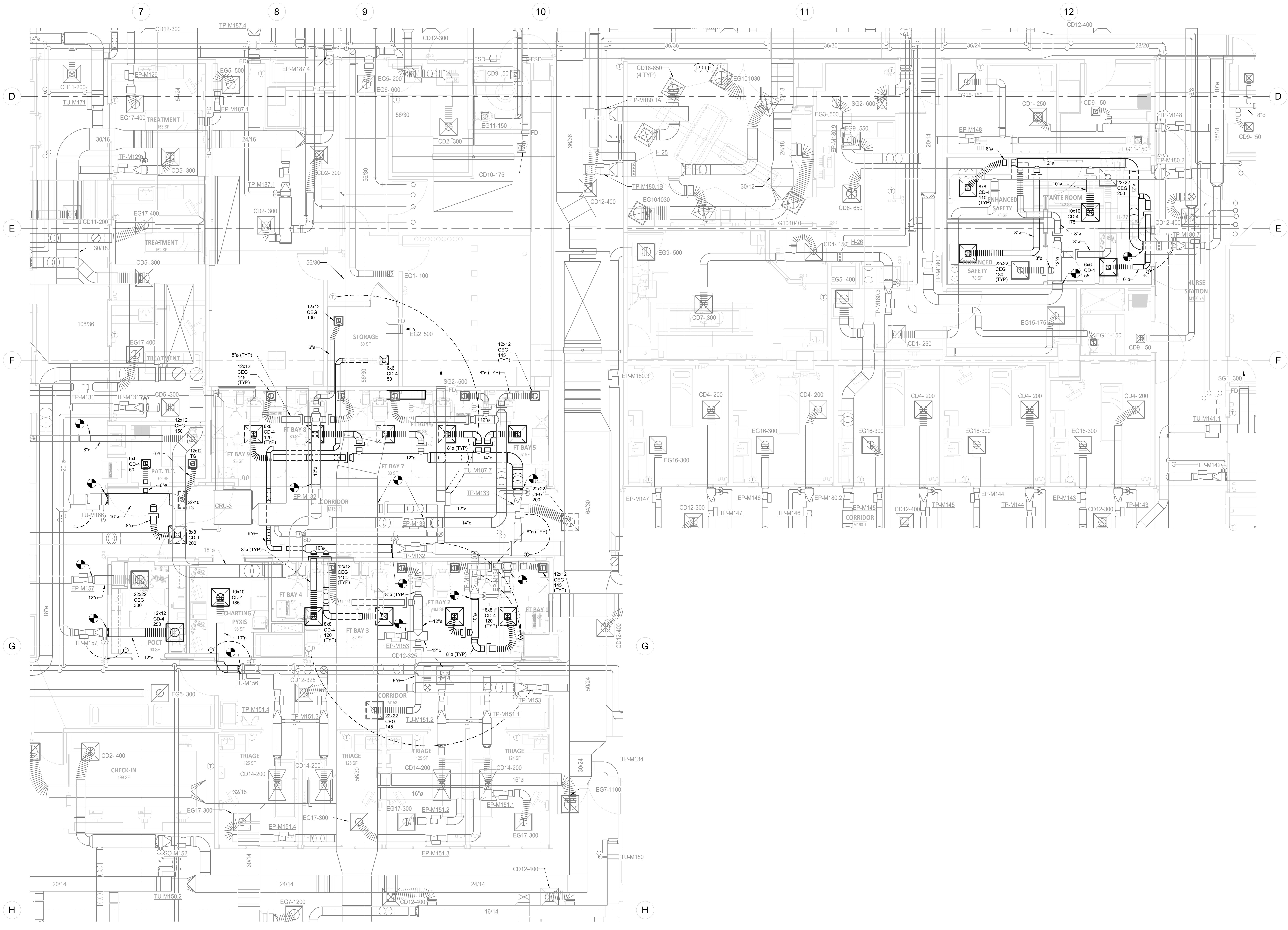
ISSUE DATE: 09.15.22  
REVISIONS:



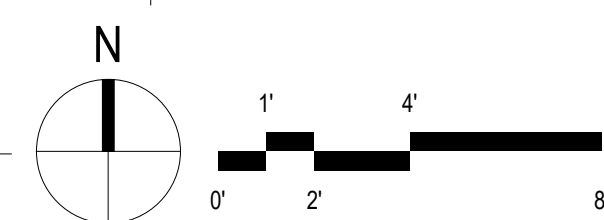
PLUMBING DETAILS

**HULTZ BHU**  
engineers inc  
1111 Fawcett Ave Suite 100 Tacoma, WA 98402  
Phone: (253) 383-3257 Fax: (253) 383-3283  
general@hultzbhu.com Job Number: 22-142

**M3.21**  
PROJECT NO.: 07039



1 FLOOR PLAN - LEVEL 1 - HVAC  
1/4" = 1'-0"



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PRCTI20231772

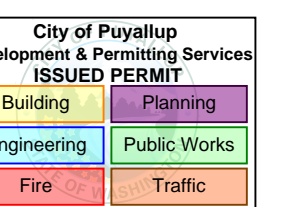
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Multicare Good Samaritan Hospital

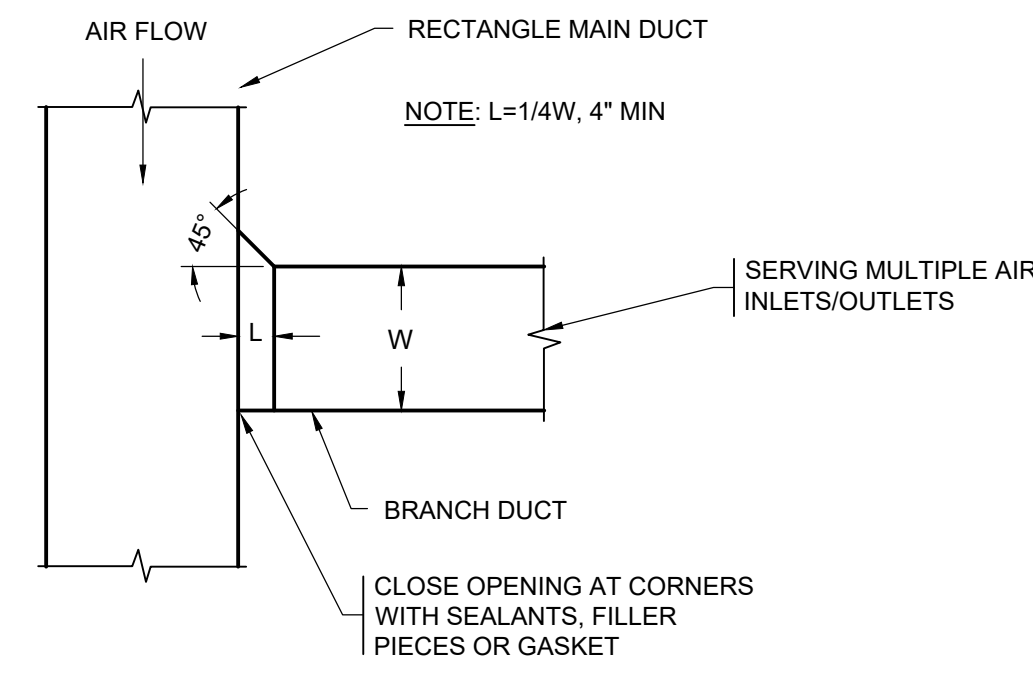
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
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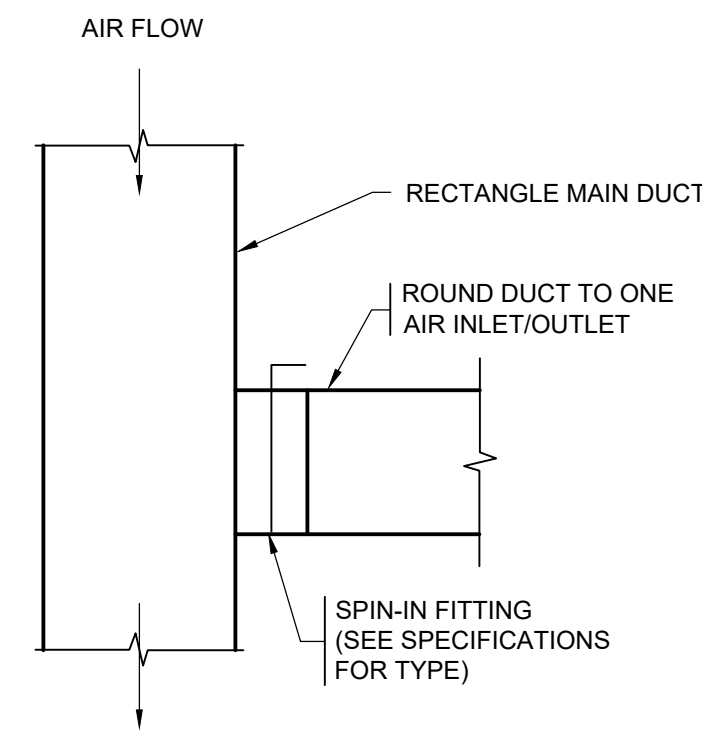


**RECT-TO-RECT  
BRANCH DUCT CONNECTION**

NTS

4

M4.21



**SERVING ONE INLET/OUTLET**

NOTE:

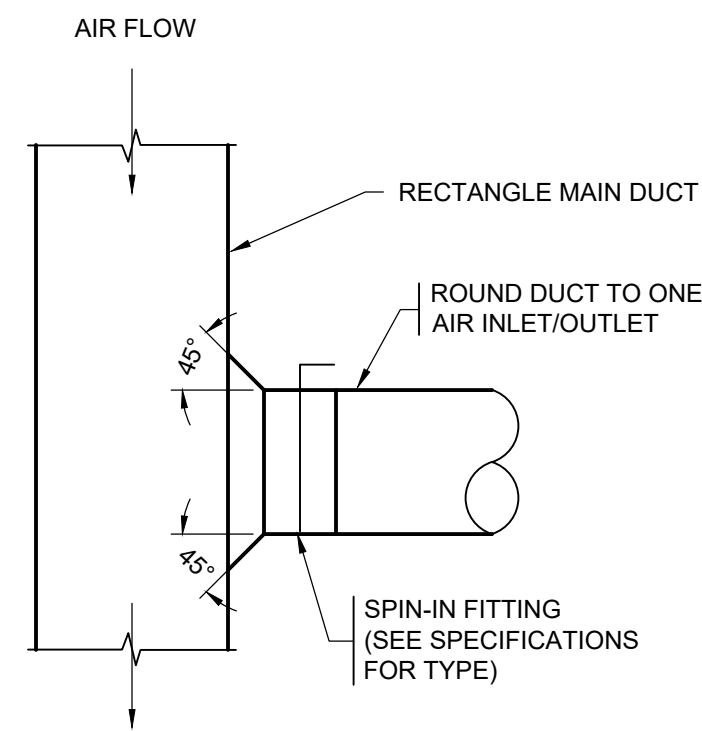
WHERE MAIN DUCT DOES NOT HAVE ADEQUATE HEIGHT TO ACCEPT ROUND DUCT, PROVIDE RECTANGULAR CONNECTION, WITH SAME FREE AREA AS ROUND DUCT, AND TRANSITION TO ROUND

**RECT-TO-RECT  
BRANCH DUCT CONNECTION**

NTS

3

M4.21



**BRANCH SERVING MULTIPLE AIR  
INLETS/OUTLETS**

NOTE:

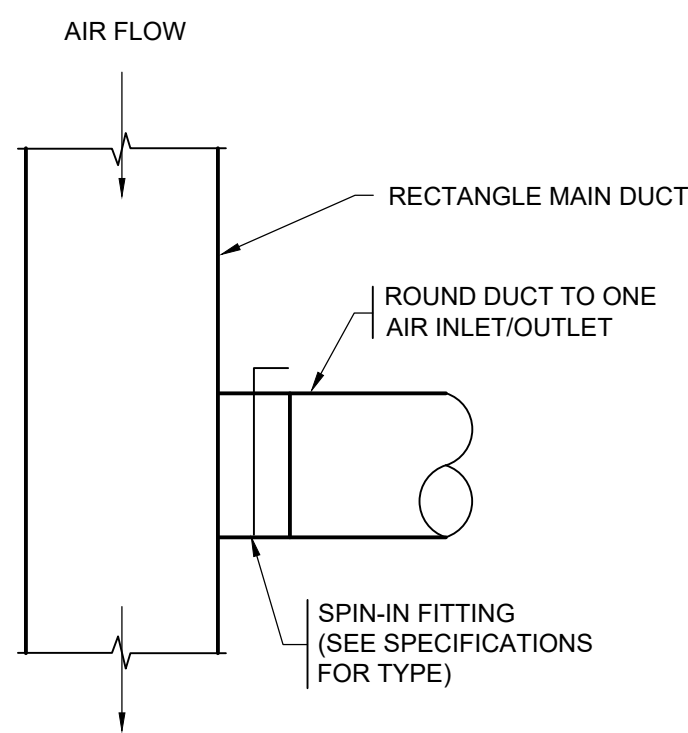
WHERE MAIN DUCT DOES NOT HAVE ADEQUATE HEIGHT TO ACCEPT ROUND DUCT, PROVIDE RECTANGULAR CONNECTION, WITH SAME FREE AREA AS ROUND DUCT, AND TRANSITION TO ROUND

**RECT-TO-ROUND  
BRANCH DUCT CONNECTION**

NTS

7

M4.21



**SERVING ONE INLET/OUTLET**

NOTE:

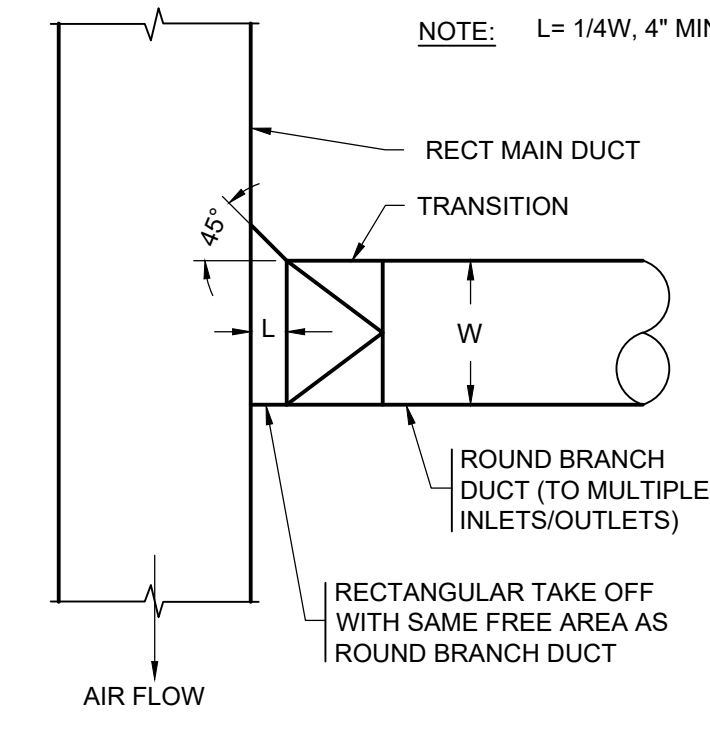
WHERE MAIN DUCT DOES NOT HAVE ADEQUATE HEIGHT TO ACCEPT ROUND DUCT, PROVIDE RECTANGULAR CONNECTION, WITH SAME FREE AREA AS ROUND DUCT, AND TRANSITION TO ROUND

**RECT-TO-ROUND  
BRANCH DUCT CONNECTION**

NTS

6

M4.21



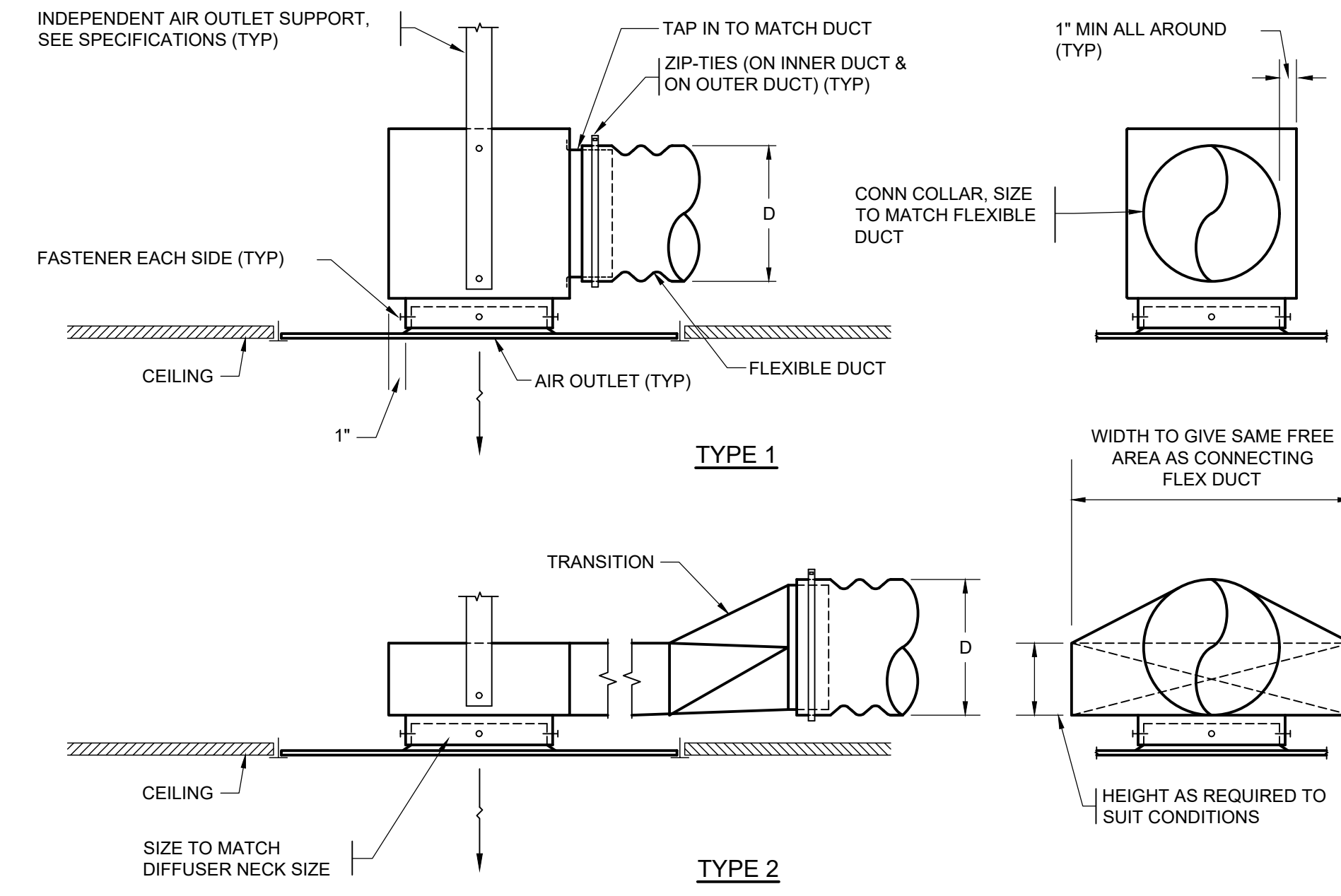
**SERVING MULTIPLE INLET/OUTLET**

**RECT-TO-ROUND  
BRANCH DUCT CONNECTION**

NTS

5

M4.21



NOTES:

1. PROVIDE TYPE 1 UNLESS BUILDING CONDITIONS REQUIRE LOWER PROFILE - THEN USE TYPE 2.
2. CONSTRUCT PLENUM BOXES OF MIN. 26 GA. GALV. STEEL.
3. NOT ALLOWED AT TRANSFER DUCTS.
4. LINE PLENUM & DUCT TO AIR OUTLET WHERE SO NOTED ON PLANS OR IN SPECIFICATIONS.
5. CEILING TYPE & AIR OUTLET FRAME STYLE MAY VARY FROM THAT DEPICTED.
6. NOT ALL SUPPORTS ARE SHOWN FOR CLARITY.
7. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**TIGHT CONDITION - FLEX DUCT  
AIR OUTLET CONNECTION**

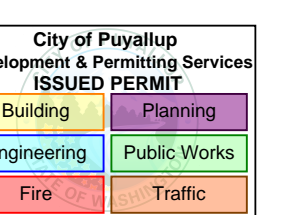
NTS

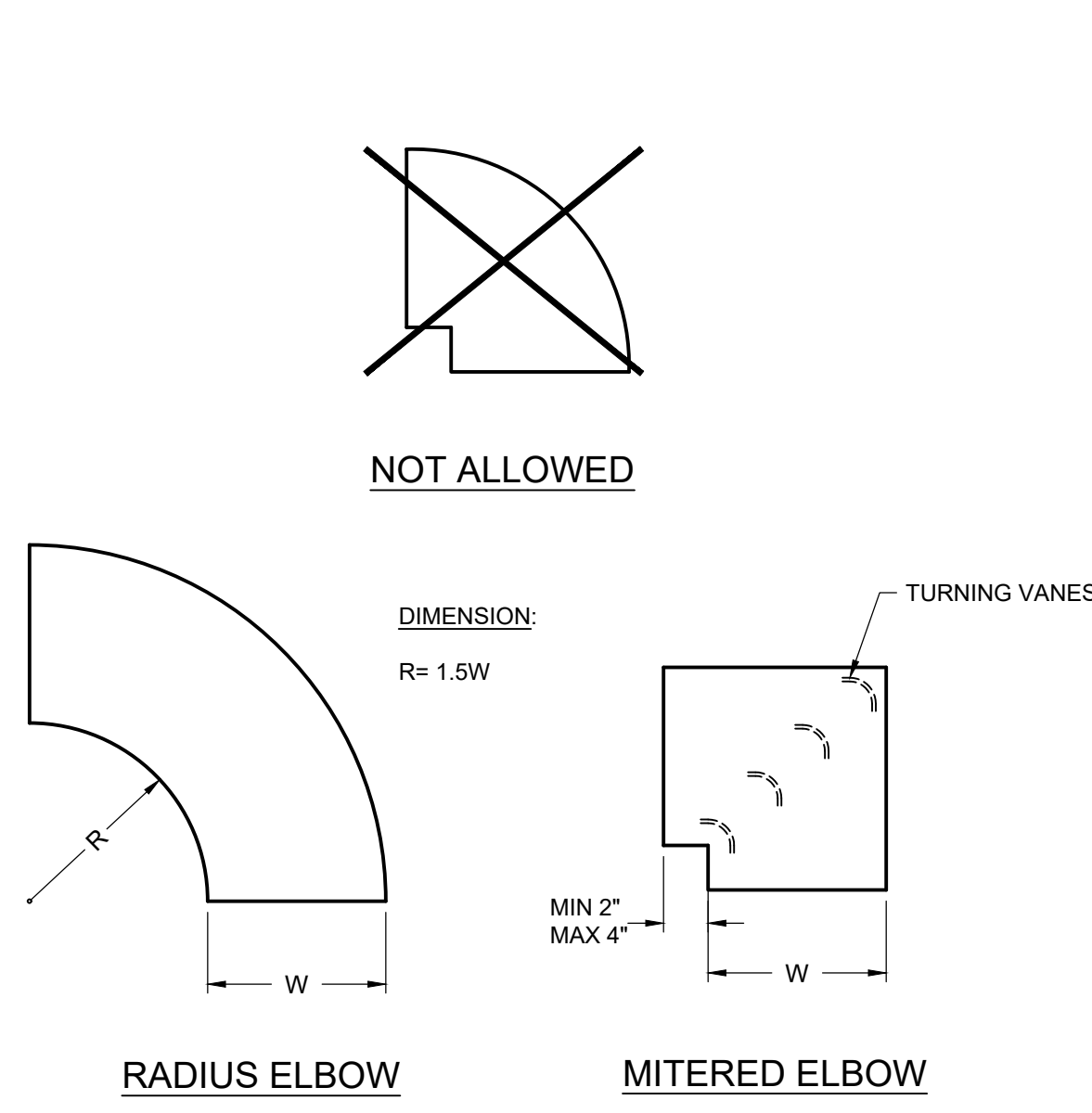
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M4.21

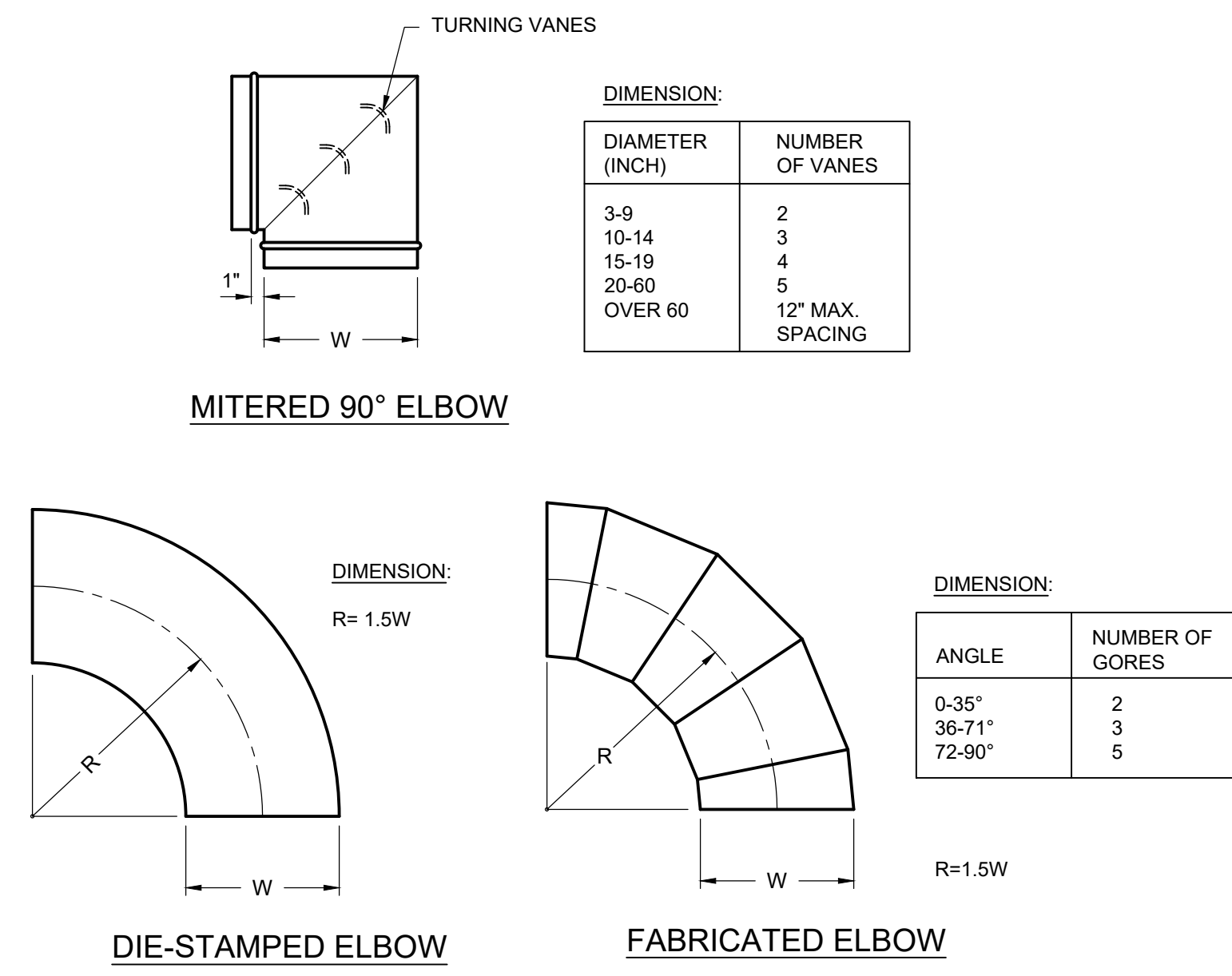


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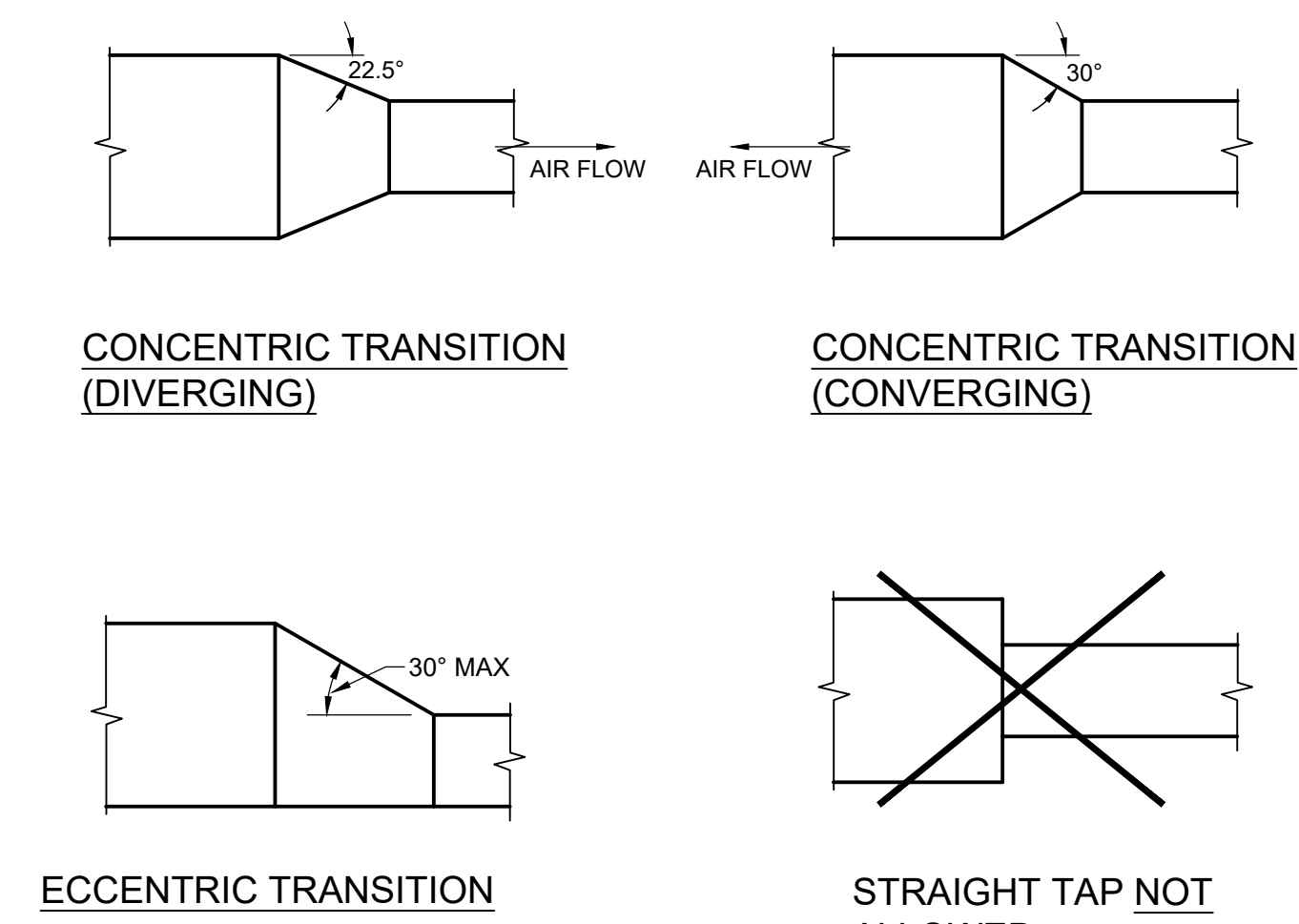




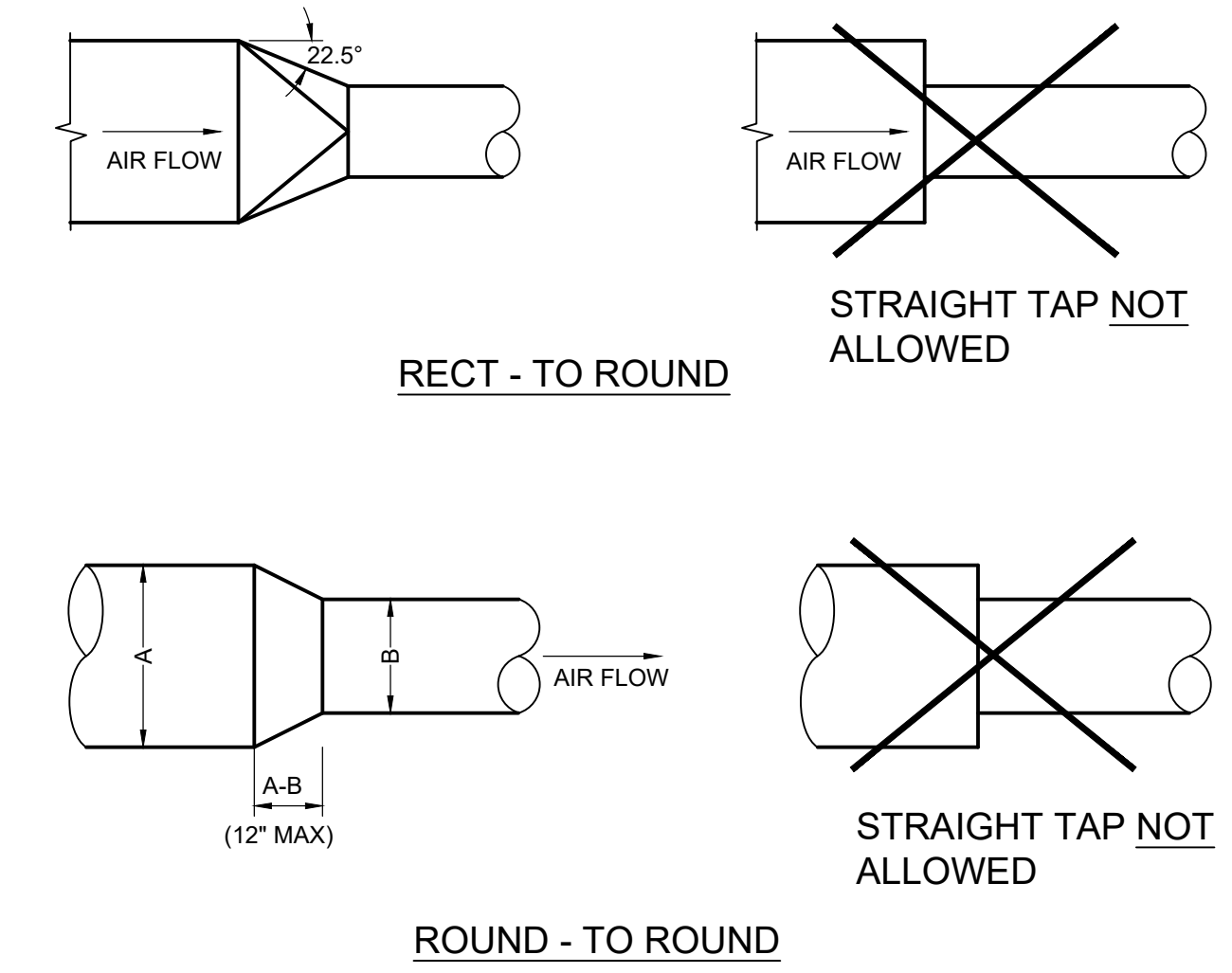
**ELBOWS - RECTANGULAR** 11  
NTS M4.22



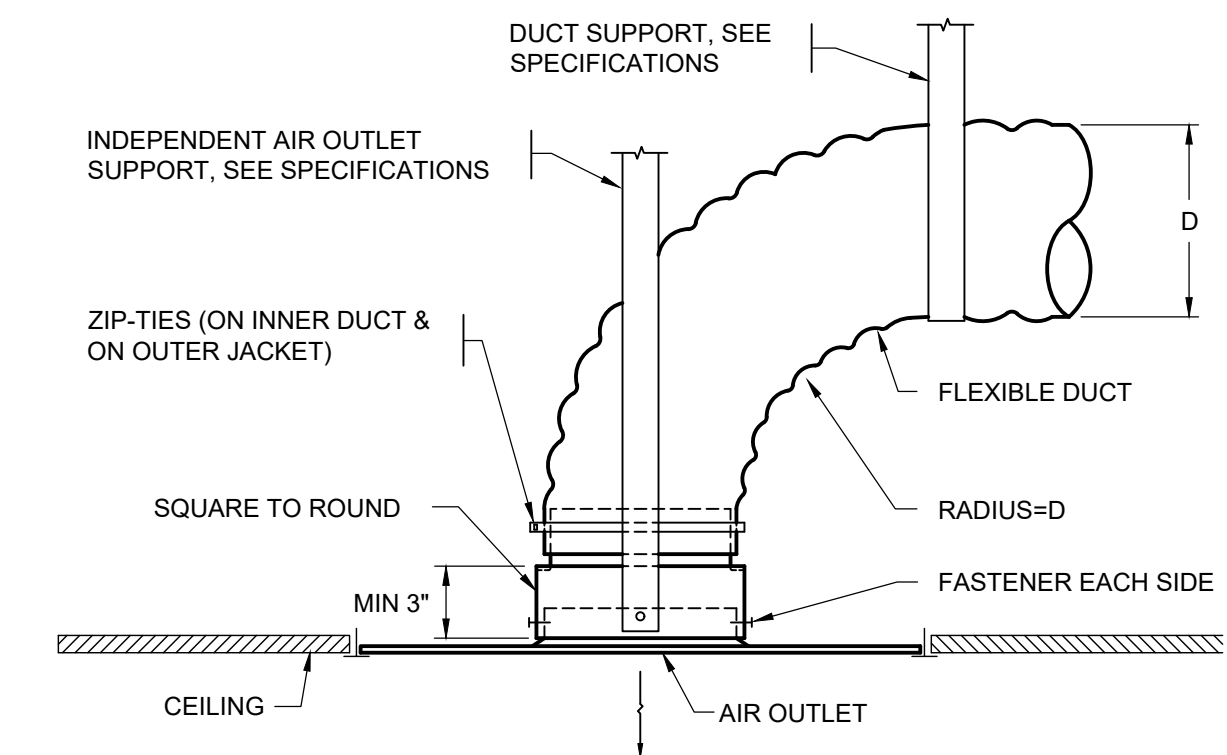
**ELBOWS - ROUND** 10  
NTS M4.22



**RECT-TO-RECT TRANSITIONS** 9  
NTS M4.22



**ROUND TRANSITIONS** 8  
NTS M4.22



- NOTES:
1. USE WHERE ADEQUATE SPACE IS AVAILABLE FOR FLEX DUCT RADIUS, AND WHERE FLEX DUCT IS SHOWN ON PLANS TO AIR OUTLET.
  2. NOT ALLOWED AT TRANSFER DUCTS.
  3. WHEN THERE IS INSUFFICIENT ROOM TO MAINTAIN FLEX DUCT RADIUS, SEE DETAIL TITLED "TIGHT CONDITION - FLEX DUCT AIR OUTLET CONNECTION."
  4. NOT ALLOWED WHERE LINED "CANS" (OR LINED DUCTS) SHOWN (OR REQ'D) AT AIR OUTLETS.
  5. CEILING TYPE & AIR OUTLET FRAME STYLE MAY VARY FROM THAT DEPICTED.
  6. NOT ALL SUPPORTS SHOWN FOR CLARITY.

**FLEX DUCT AIR OUTLET CONNECTION** 12  
NTS M4.22

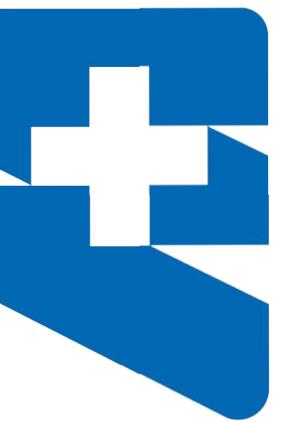


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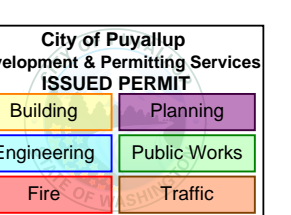
**ED- FAST TRACK REMODEL**

Multicare Good Samaritan Hospital

401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
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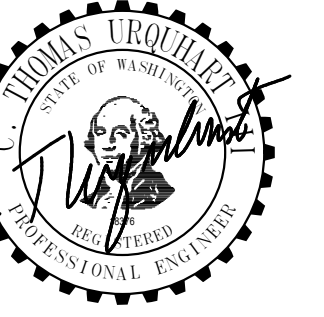


HVAC DETAILS



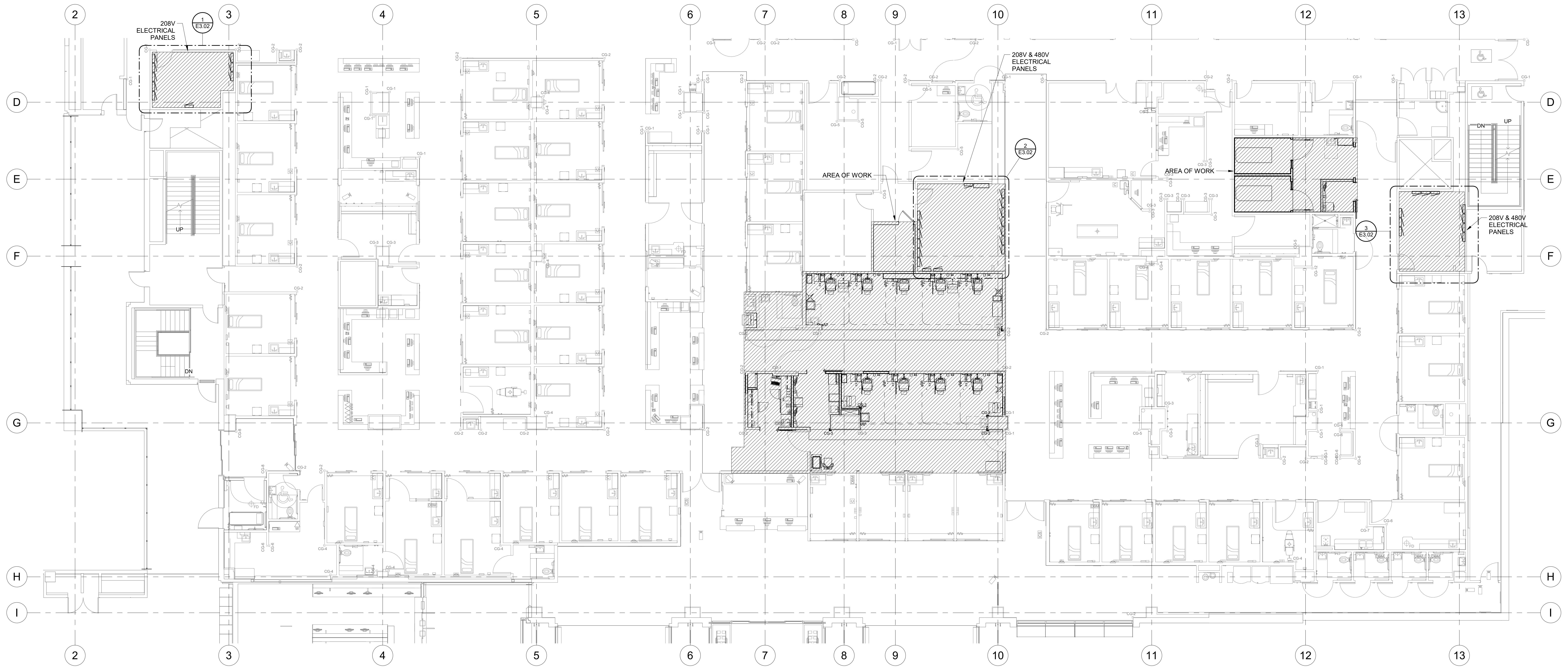
**GENERAL NOTES:**

1. THIS SHEET IS FOR REFERENCE ONLY, NO WORK SHOWN.

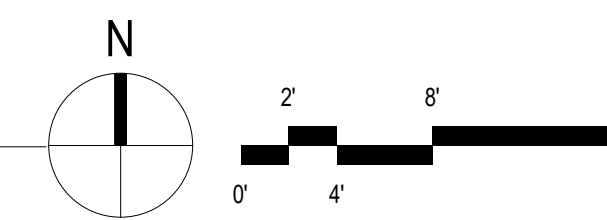


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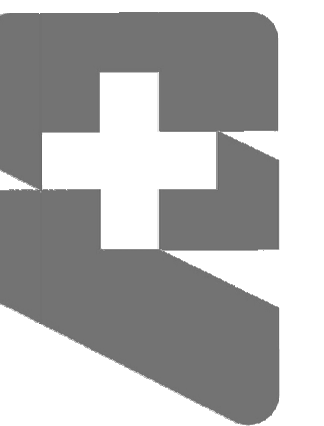
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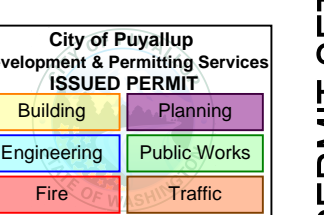
1 FAST TRACK - OVERALL PLAN  
1/8" = 1'-0"



**ED - FAST TRACK REMODEL**  
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401 15th Ave. SE, Puyallup WA 98372



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OVERALL PLAN - FIRST FLOOR

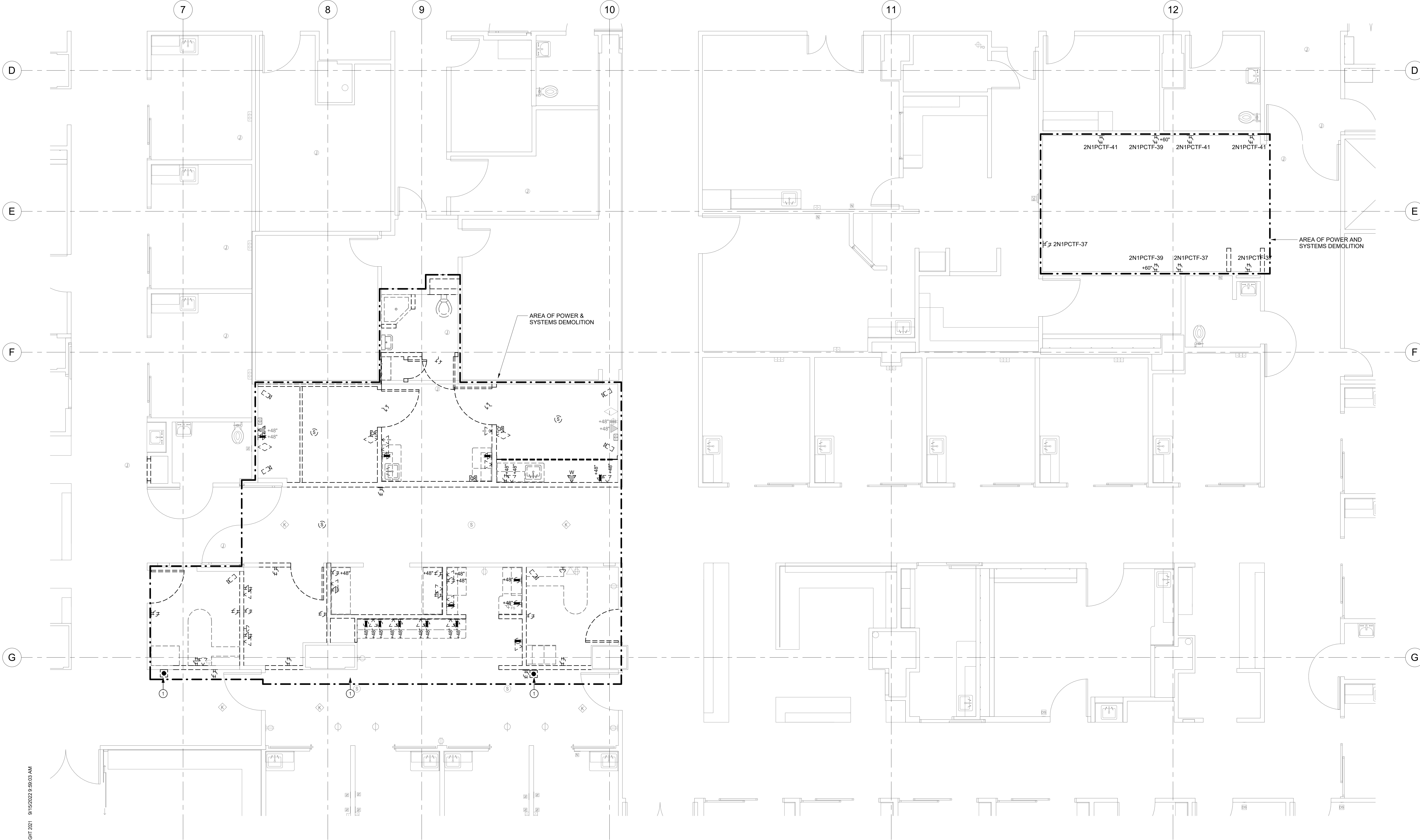
**E1.00**

**GENERAL NOTES:**

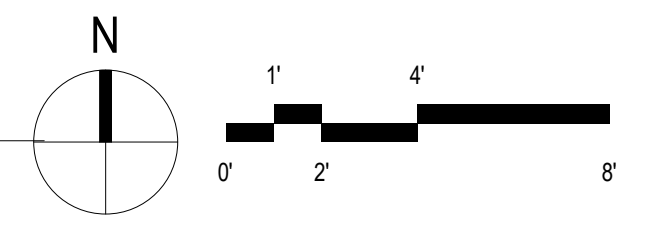
- SEE GENERAL NOTES ON SHEET E0.01.
- COORDINATE LOW VOLTAGE WITH LOW VOLTAGE SUB CONTRACTOR.

**PLAN NOTES:**

- REMOVE DOOR OPENERS AND KEEP SAFE FOR INSTALLATION ON NEW WALLS. NOTE 3/E3.01.

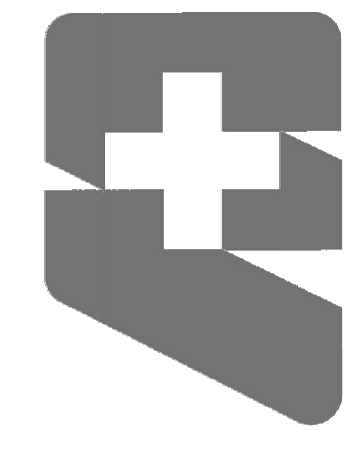


1 POWER & DATA DEMOLITION  
1/4" = 1'-0"



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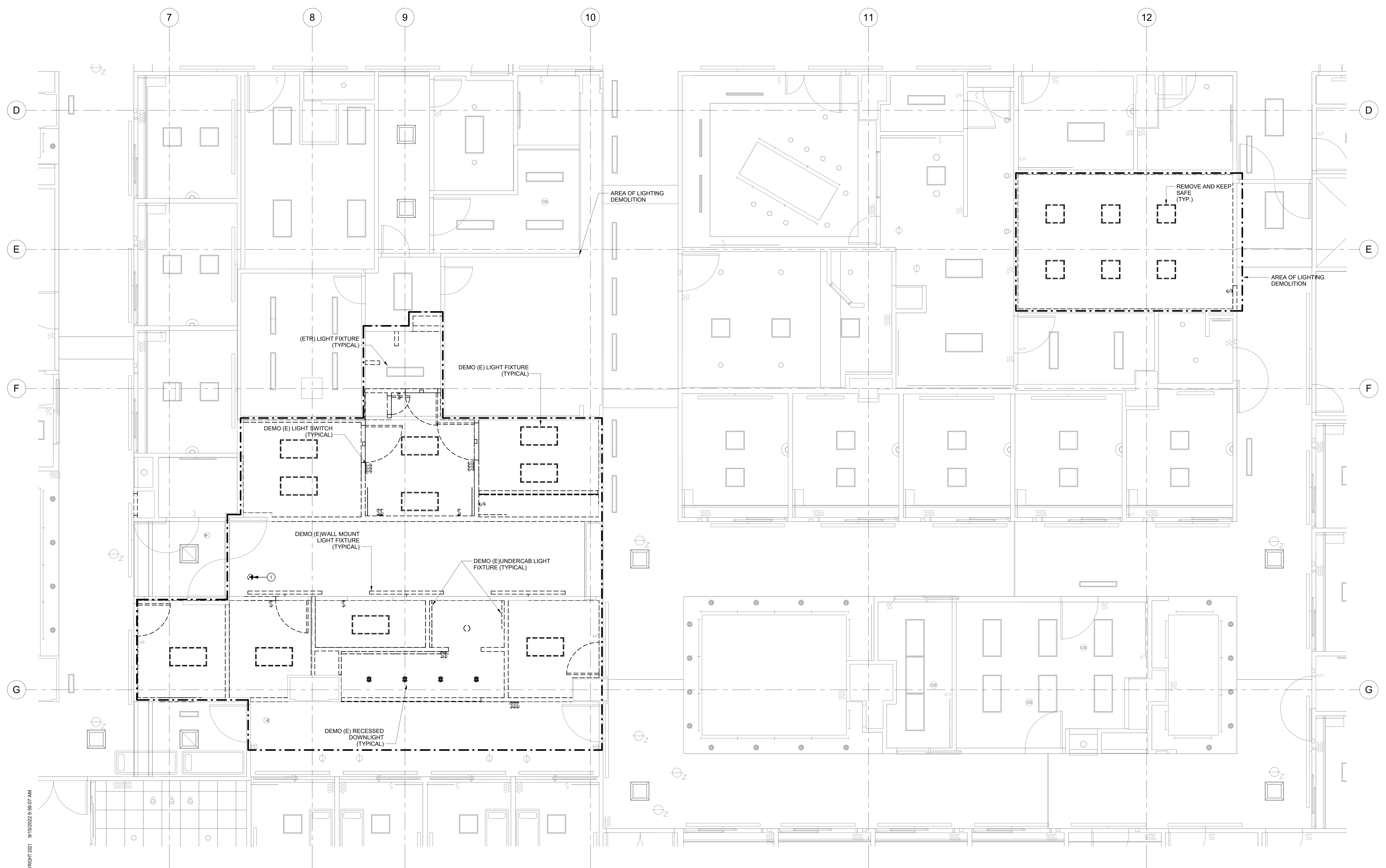
**ELECTRICAL POWER & SYSTEMS DEMOLITION PLAN**

**GENERAL NOTES:**

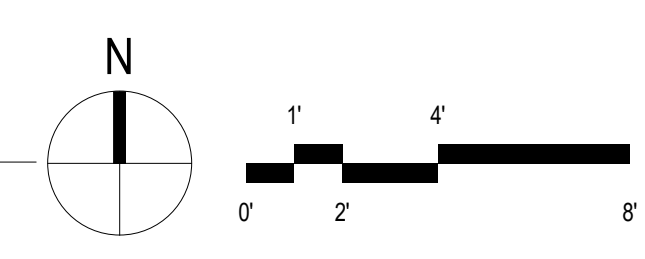
1. SEE GENERAL NOTES ON SHEET E0.01.

**PLAN NOTES:**

① REMOVE & KEEP SAFE FOR REINSTALLATION.



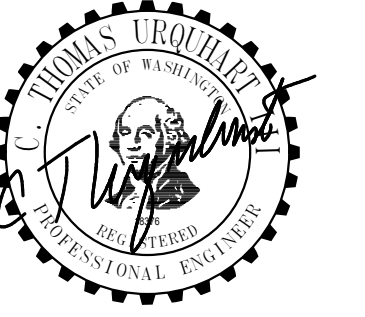
① LIGHTING DEMOLITION  
1/4" = 1'-0"



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CLARK ARCHITECTS, L.L.C.

621 SW Alder St., Suite 700  
Portland, OR 97205  
Phone: 503.224.4848



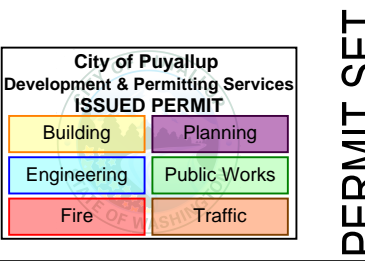
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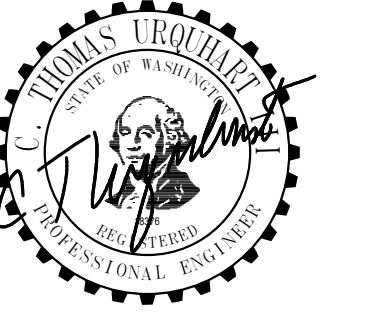
ELECTRICAL LIGHTING  
DEMOLITION

**E1.02**

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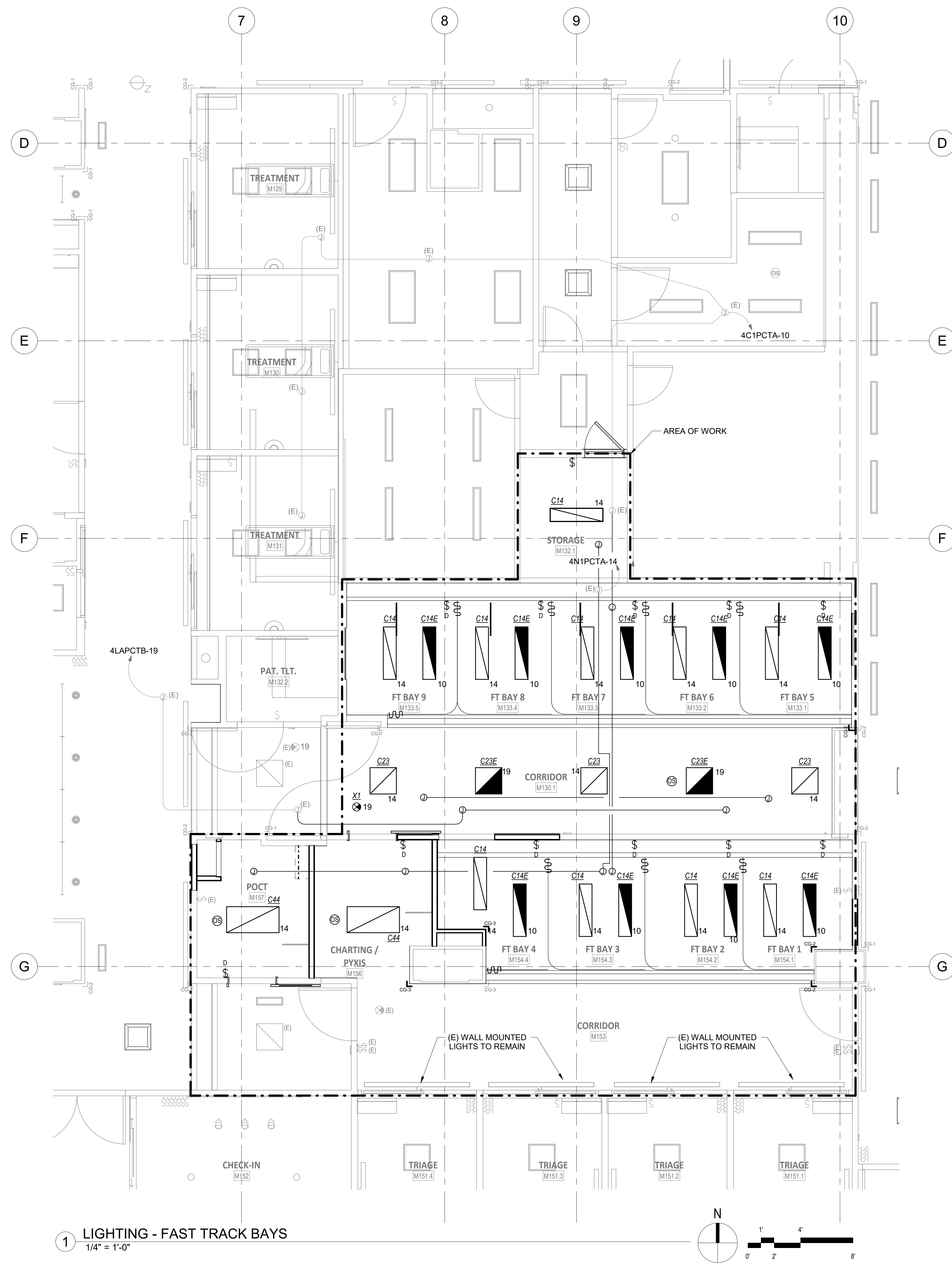
PRCT120231772

**GENERAL NOTES:**

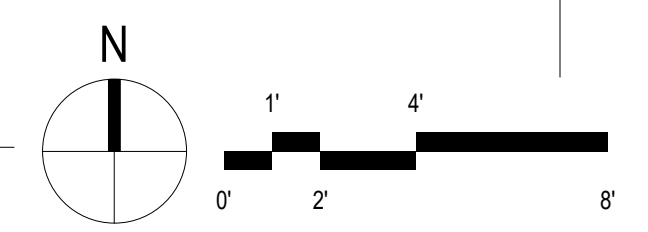
- SEE GENERAL NOTES ON SHEET E0.01.
- THE LOCATIONS OF ELECTRICAL DEVICES OR LIGHTING FIXTURES INDICATED ON ARCHITECTURAL PLANS ELEVATIONS OR SECTIONS TAKE PRECEDENCE OVER LOCATIONS INDICATED ON THE ELECTRICAL DRAWINGS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHTING FIXTURE LOCATIONS.
- SWITCHES SHALL BE RED WHEN POWERED FROM EMERGENCY CIRCUIT.

**PLAN NOTES:**

- LIGHTS TO BE TIED INTO EXISTING LIGHTING CONTROL SYSTEM.



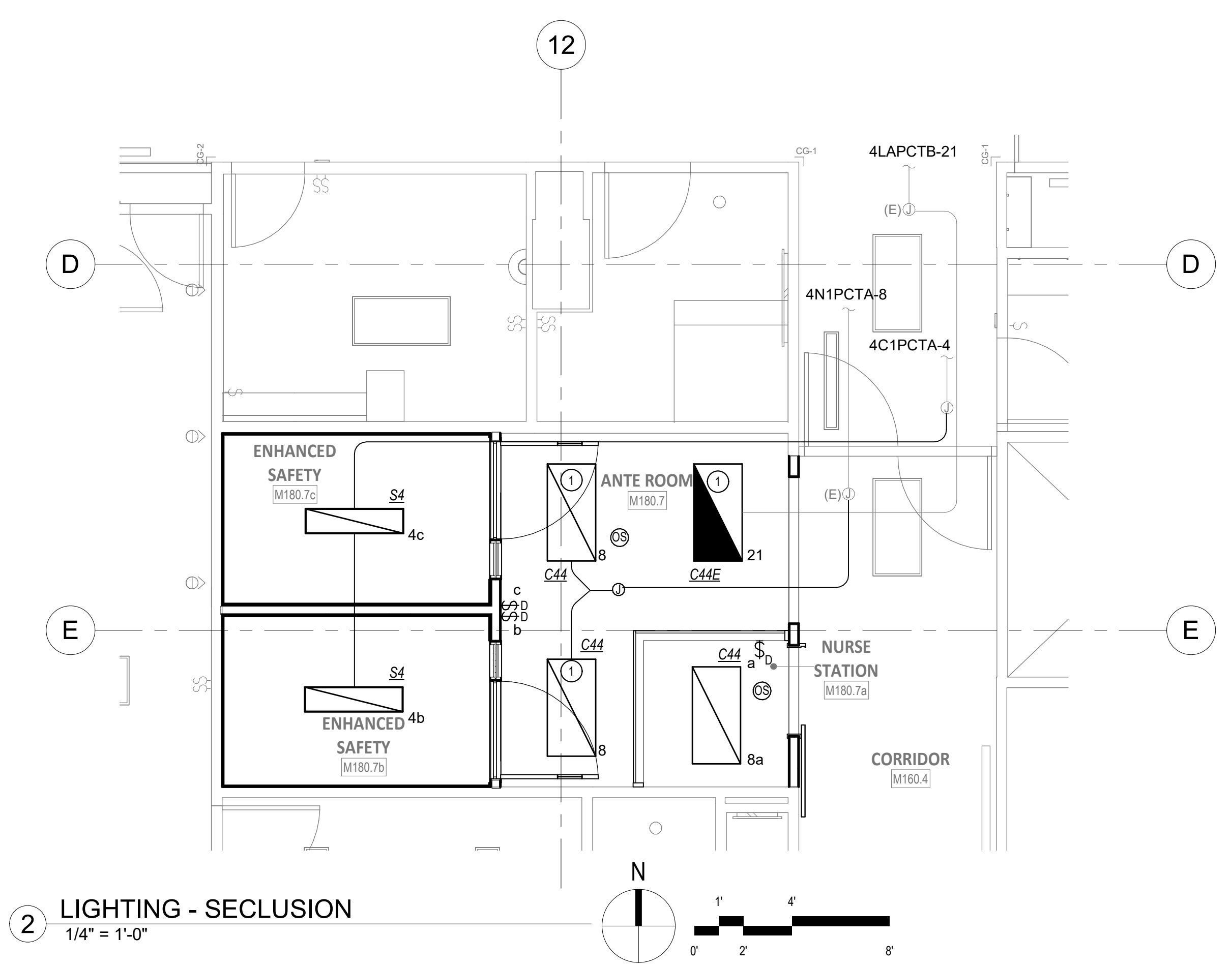
1 LIGHTING - FAST TRACK BAYS  
1/4" = 1'-0"



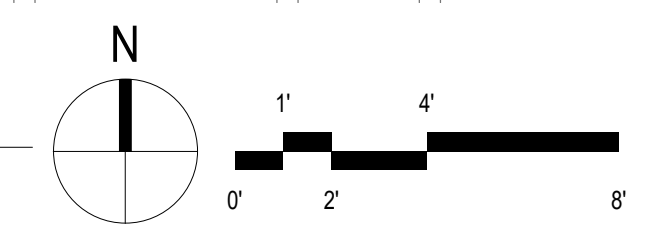
LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	INPUT WATTS	BALLAST/DRIVER	REMARKS
C44	RECESSED 2X4 ARCHITECTURAL LED TROFFER, STEEL HOUSING, WHITE POWDER COAT REFLECTOR.	CREE LIGHTING CR SERIES	LED 3500K 4,000 LUMENS	120-277V	44VA/40W	0-10V	-
C23	RECESSED 2X2 ARCHITECTURAL LED TROFFER FOR ACT CEILING, STEEL HOUSING, WHITE POWDER COAT REFLECTOR.	CREE LIGHTING CR SERIES	LED 3500K 3,200 LUMENS	120-277V	36VA/32W	0-10V	-
C14	RECESSED 1X4 ARCHITECTURAL LED TROFFER FOR ACT CEILING, STEEL HOUSING, WHITE POWDER COAT REFLECTOR.	CREE LIGHTING CR SERIES	LED 3500K 4,000 LUMENS	120-277V	44VA/40W	0-10V	-
S4	8"x48" SURFACE MOUNT LED VANDAL RESISTANT AMBER LED NIGHT LIGHT, WHITE FINISH, STAINLESS STEEL TORX HEAD SCREWS.	LUMINAIRE LIGHTING VISION VPF8 SERIES	LED 3500K 5700 LUMENS	120-277V	50	0-10V	PROVIDE WITH RELAY TO SWITCH TO NIGHT LIGHT WHEN NORMAL LIGHT IS OFF.
X1	UNIVERSAL MOUNT EDGE LIT EXIT SIGN						
*E	FIXTURE DESIGNATIONS ENDING WITH 'E' DENOTES EMERGENCY FIXTURE. FIXTURE TO BE CIRCUITED VIA GENSET SYSTEM						SEE PLANS

**GENERAL LUMINAIRE SCHEDULE NOTES:**

- LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.
- VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO BOTTOM OF FIXTURE.
- LED DRIVERS FOR LOW VOLTAGE DIMMING SHALL BE 0-10 VOLTS [DIGITAL SIGNAL DIMMING INTERFACE TYPE] UNLESS OTHERWISE INDICATED.
- LED DRIVERS FOR LINE VOLTAGE DIMMING SHALL BE REVERSE PHASE ELECTRONIC LOW VOLTAGE (ELV) UNLESS OTHERWISE APPROVED BY THE ARCHITECT/ENGINEER.



2 LIGHTING - SECLUSION  
1/4" = 1'-0"



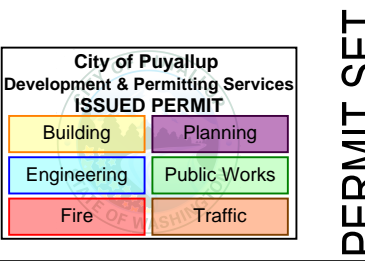
**ED - FAST TRACK REMODEL**

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FAST TRACK - LIGHTING PLANS

**E2.01**

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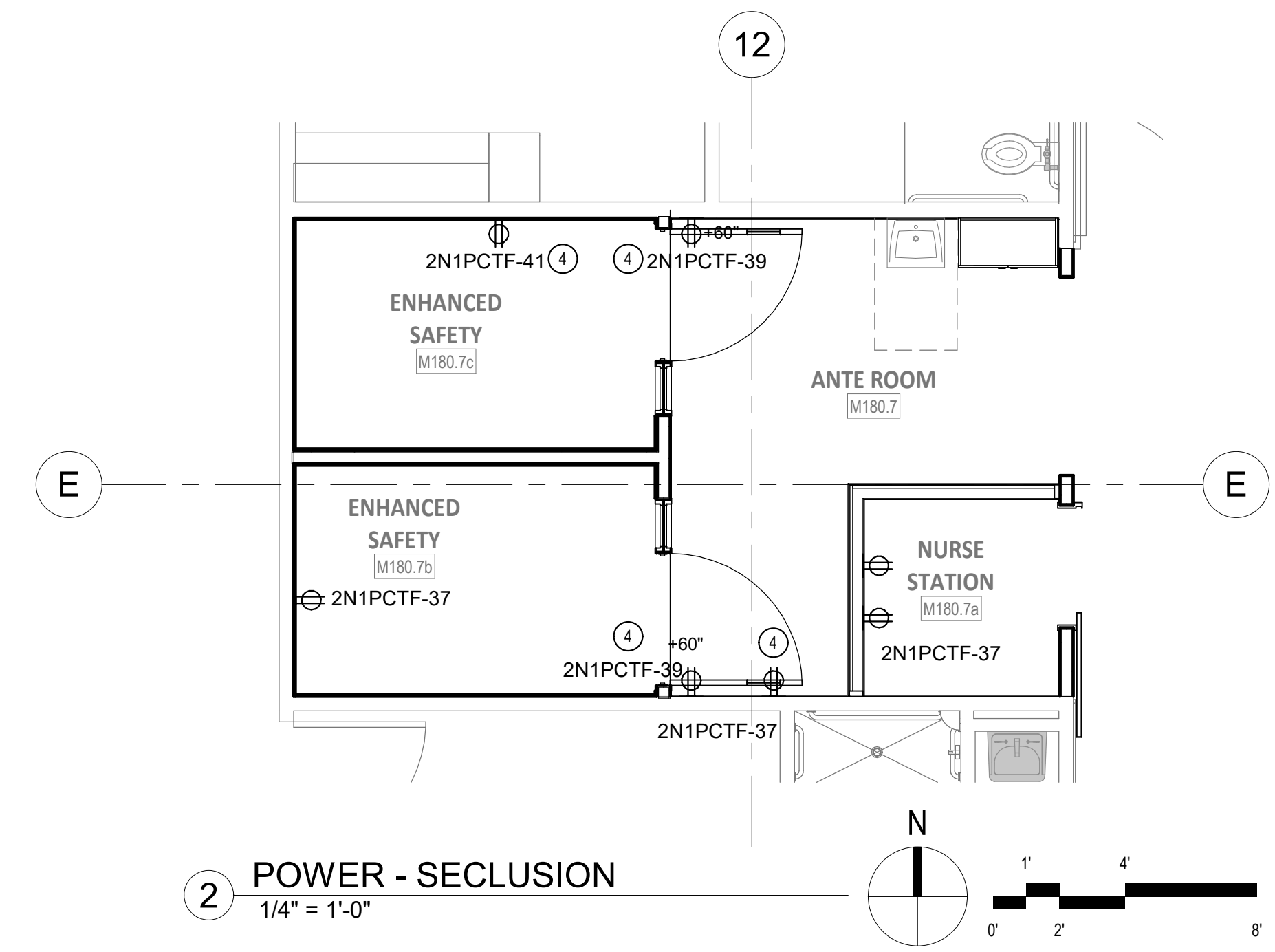
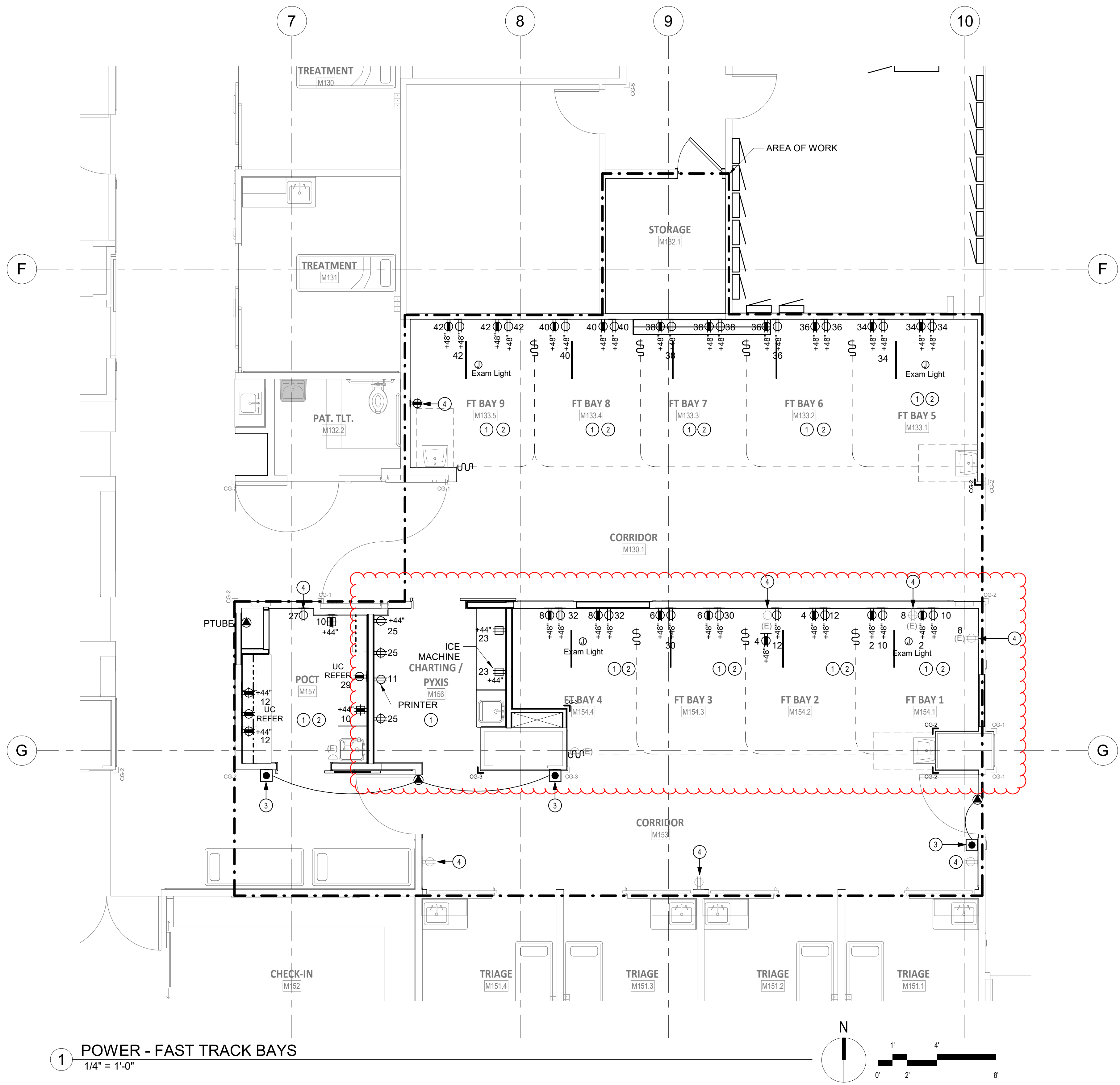
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**GENERAL NOTES:**

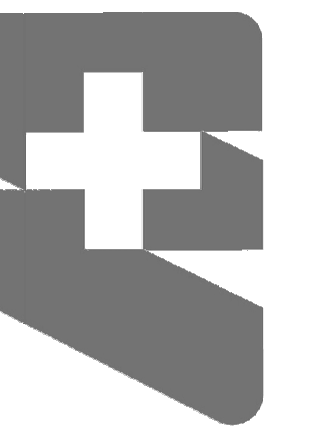
1. SEE GENERAL NOTES ON SHEET E0.01.
2. REPLACE DEVICES & FACEPLATES WITH NEW WHEN REMOVED TO GAIN ACCESS TO WIRING.

**PLAN NOTES:**

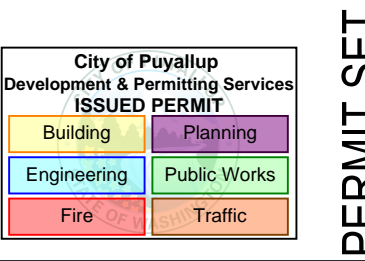
1. NORMAL EQUIPMENT CIRCUITED TO PANEL '2N1PCTB' THIS ROOM.
2. OPTIONAL LIFE SAFETY CIRCUITED TO PANEL '2C1PCTA' THIS ROOM.
3. NEW DOOR OPENER LOCATION. CONNECT TO EXISTING DOOR OPERATORS.
4. REPLACE WITH NEW. MAINTAIN EXISTING CIRCUIT.
5. PROVIDE POWER TO PNEUMATIC TUBE.



**ED - FAST TRACK REMODEL**  
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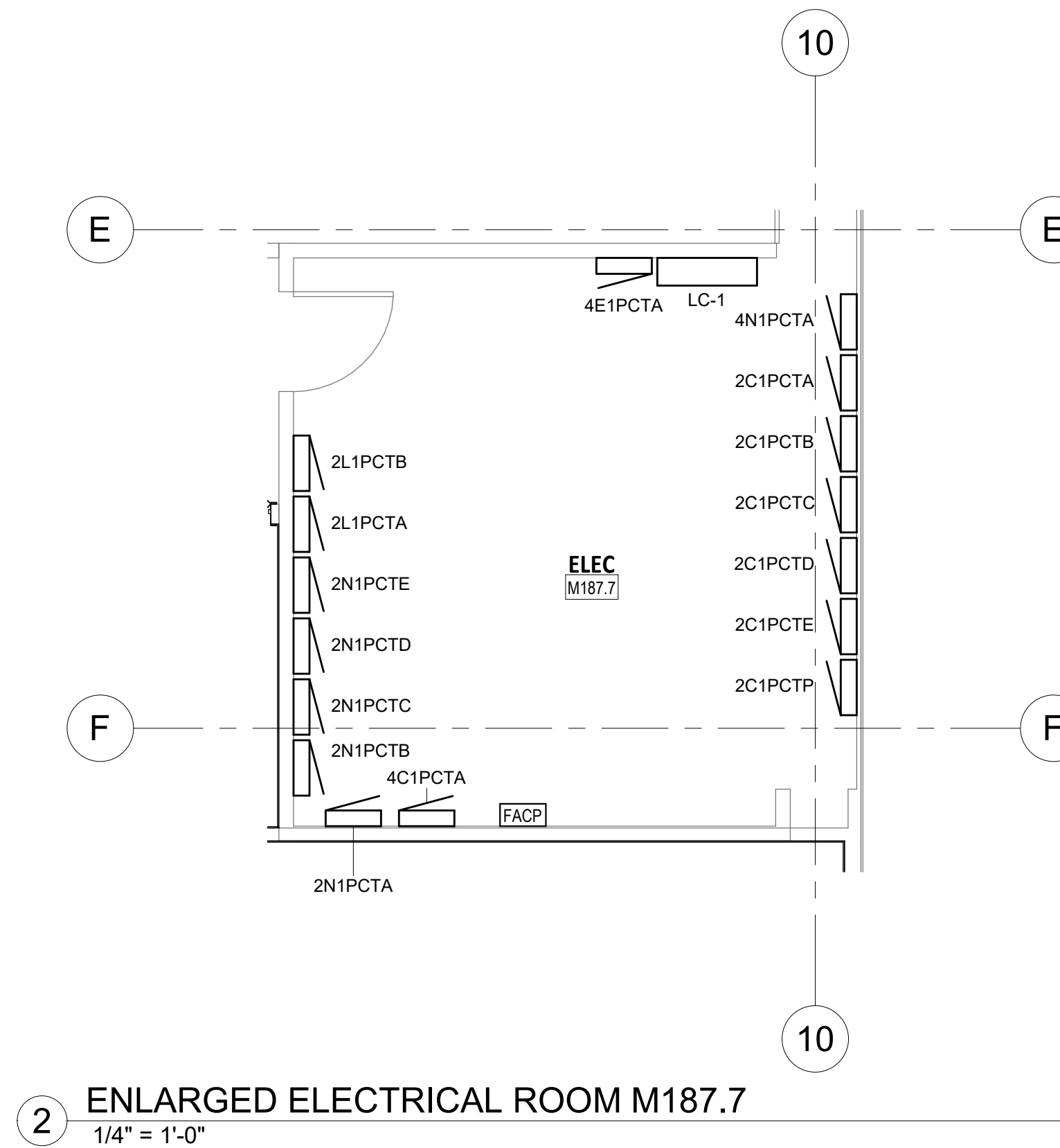
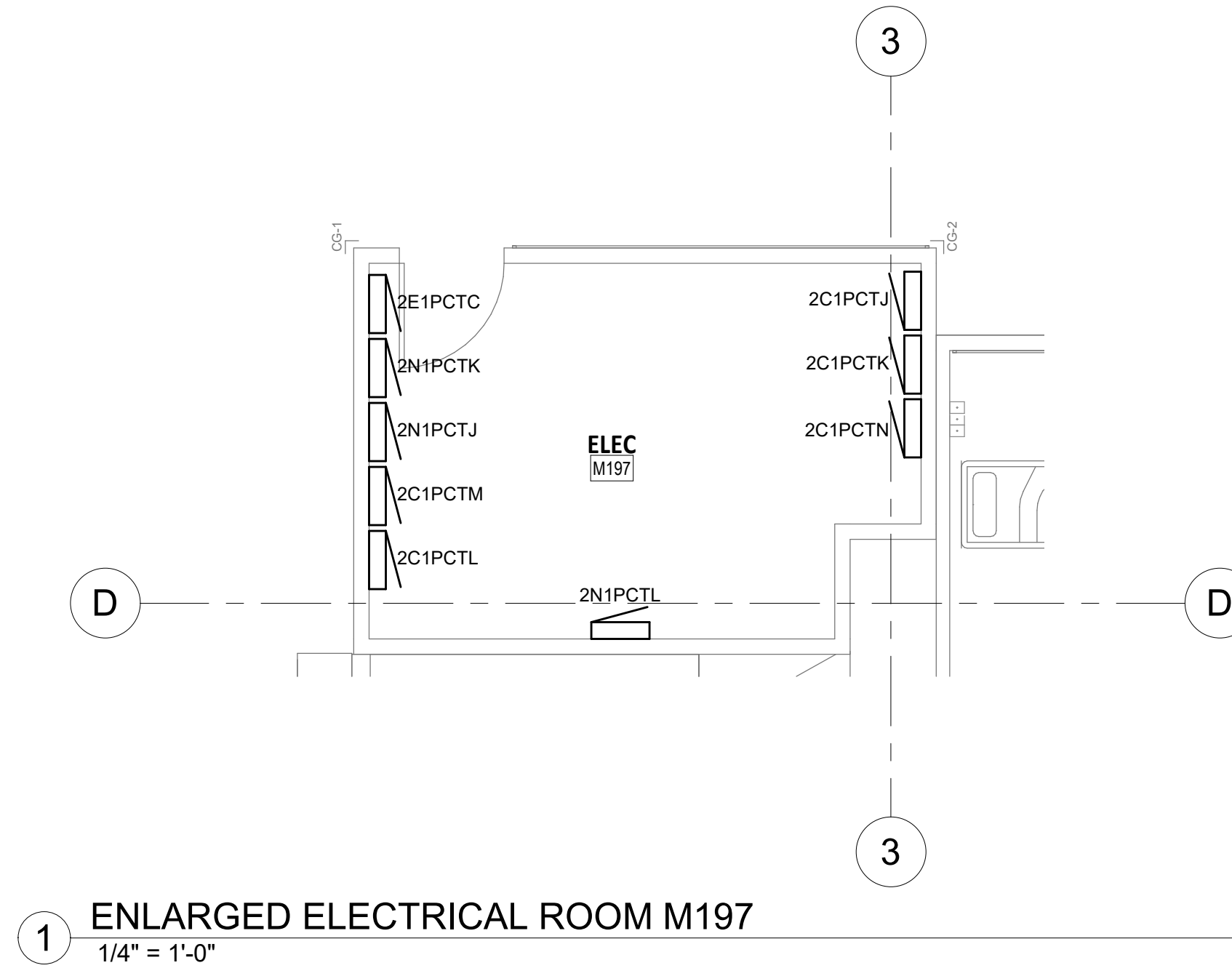
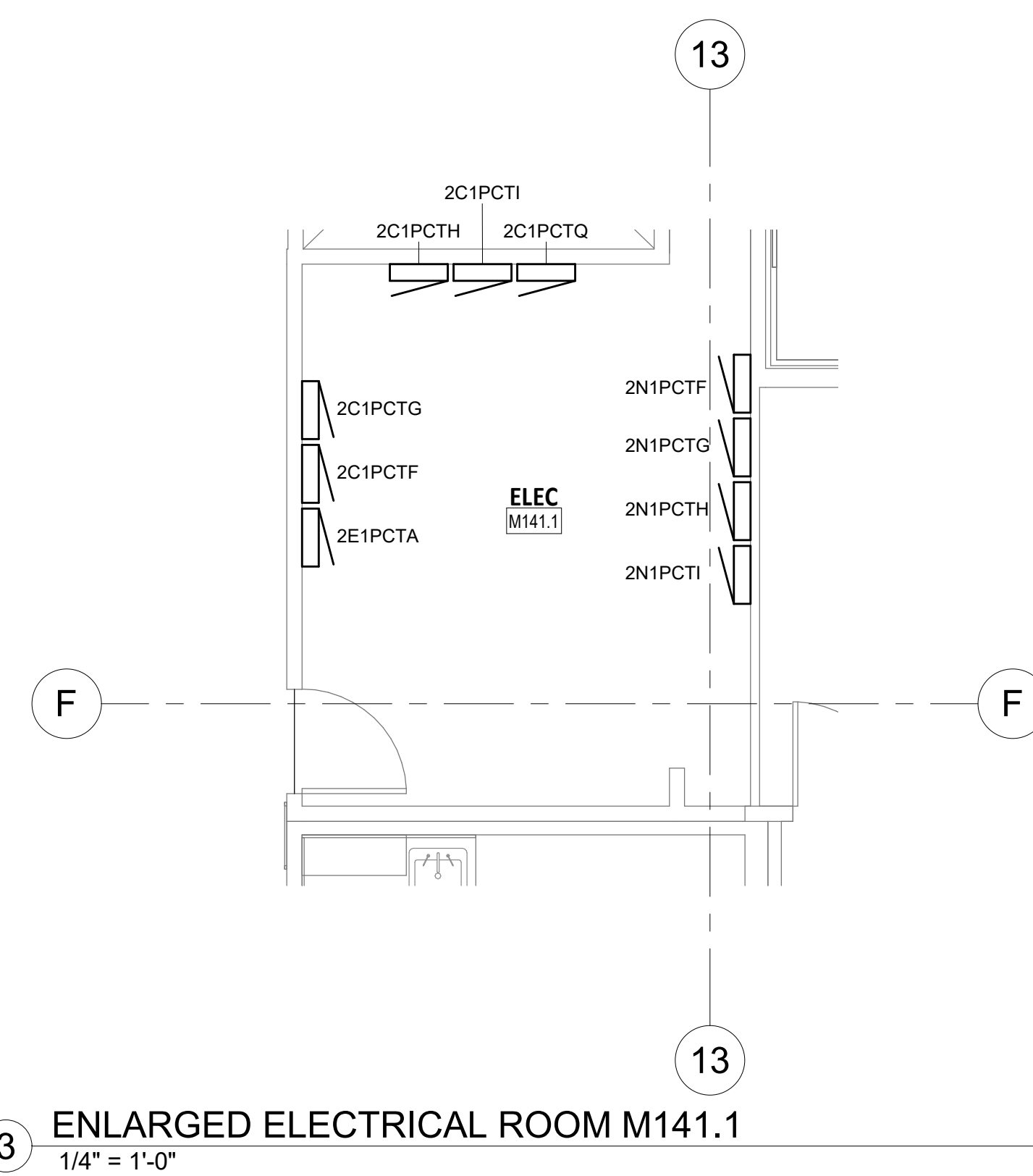
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FAST TRACK - POWER PLANS

**E3.01**



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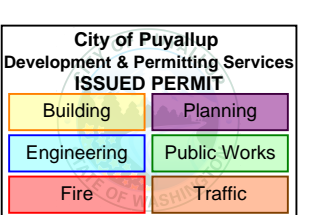
# ED - FAST TRACK REMODEL

## Multicare Good Samaritan Hospital

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ENLARGED ELECTRICAL ROOMS

# E3.02

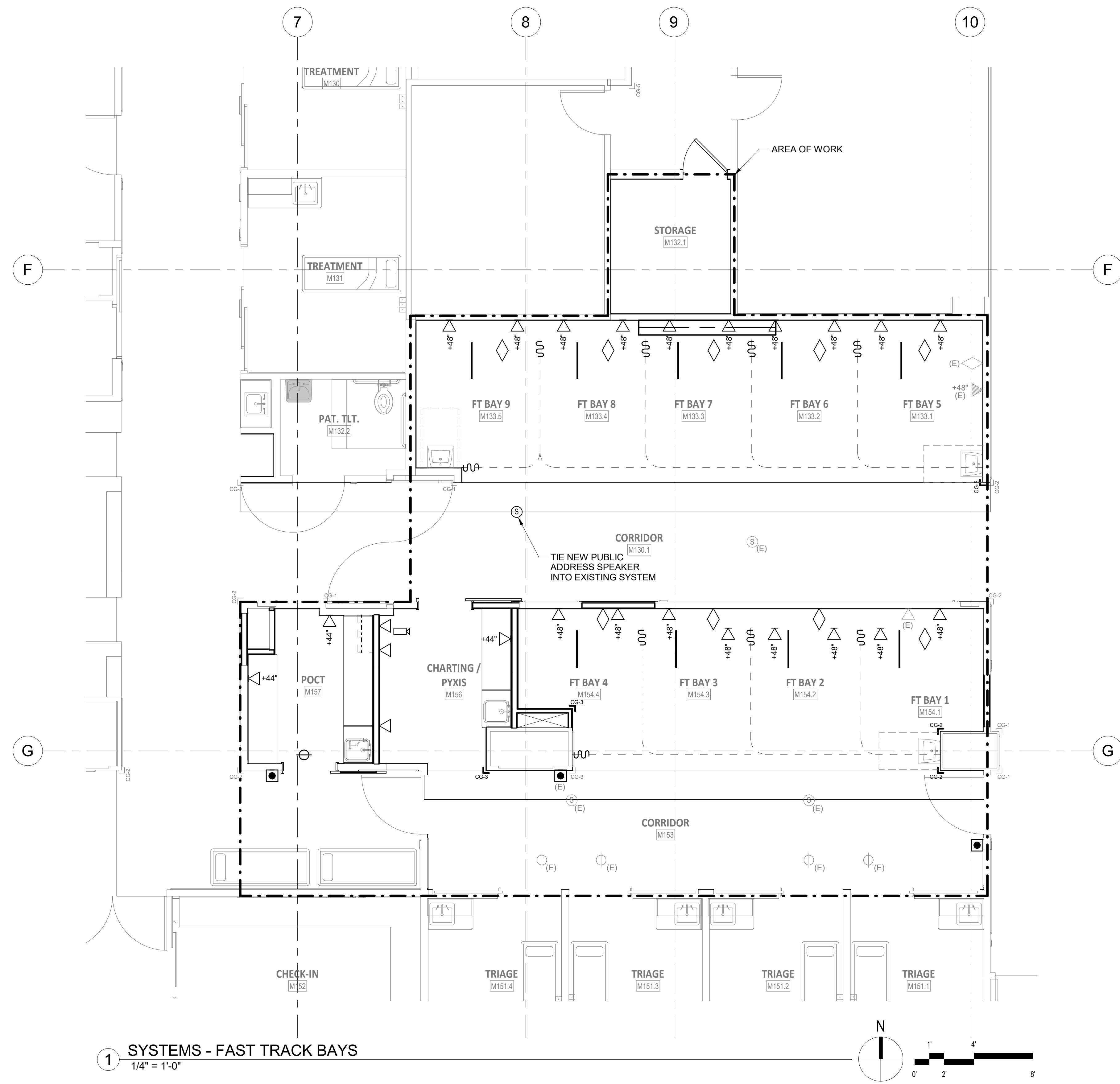
**GENERAL NOTES:**

1. SEE GENERAL NOTES ON SHEET ED.01.
2. REFER TO SHOP DRAWINGS FROM OWNERS LOW VOLTAGE CONTRACTORS.

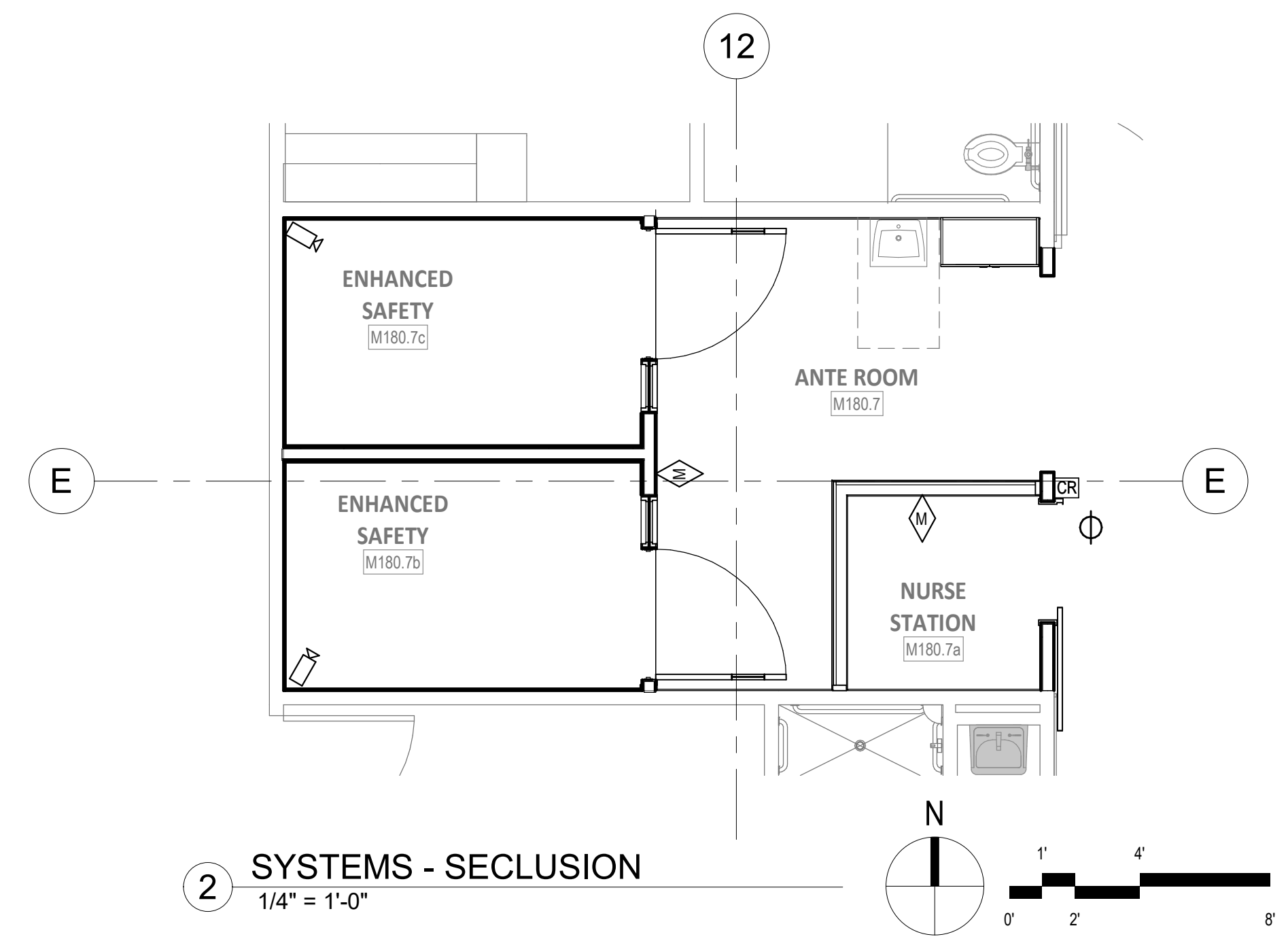


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1 SYSTEMS - FAST TRACK BAYS  
1/4" = 1'-0"

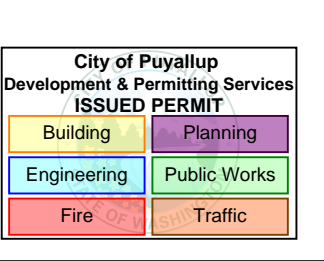


2 SYSTEMS - SECLUSION  
1/4" = 1'-0"

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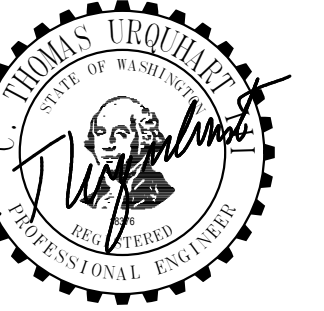
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FAST TRACK - SYSTEM PLANS

**E4.01**

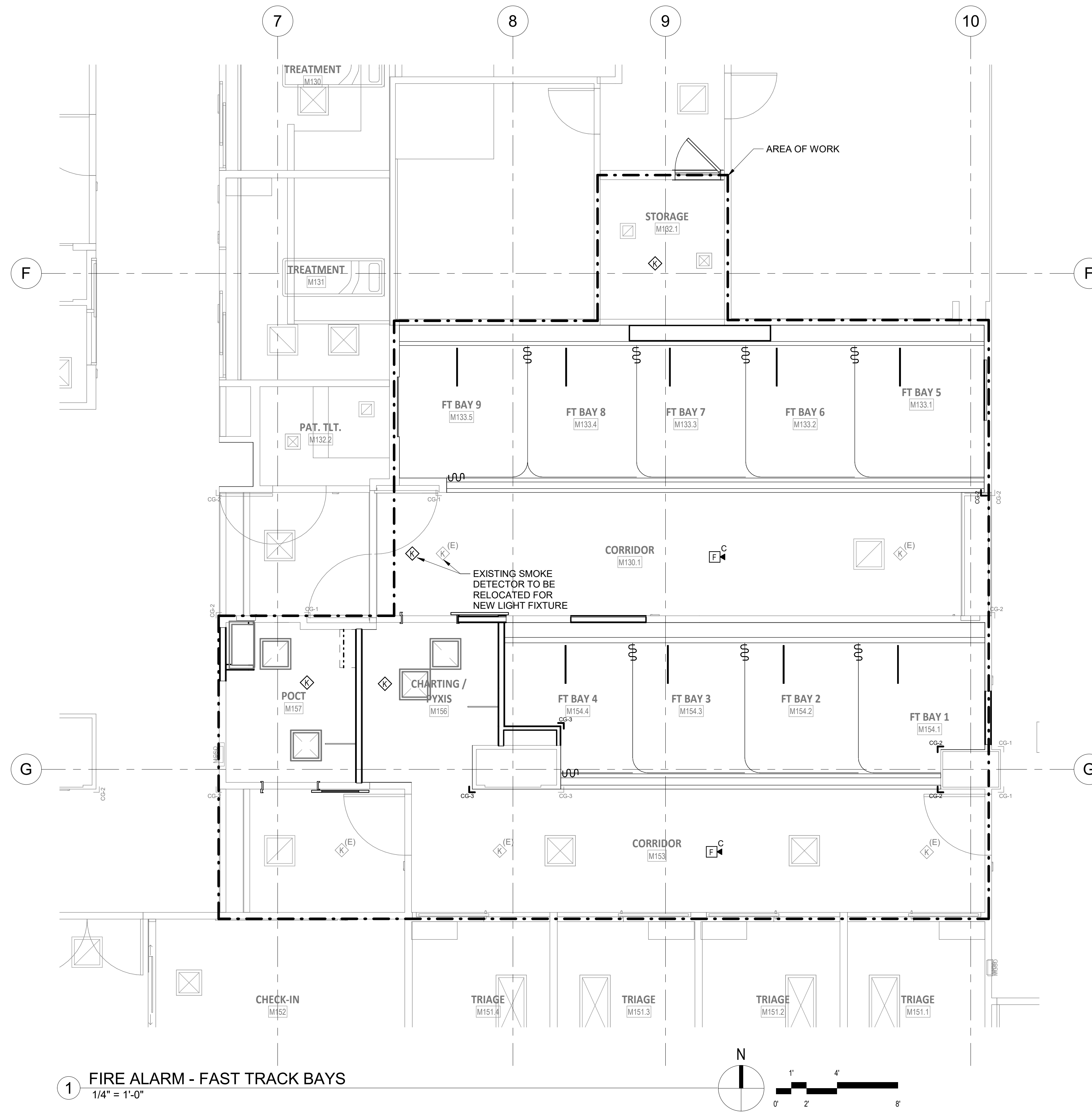
**GENERAL NOTES:**

1. SEE GENERAL NOTES ON SHEET E0.01.
2. REFER TO FIRE ALARM SHOP DRAWINGS FROM OWNERS VENDOR.

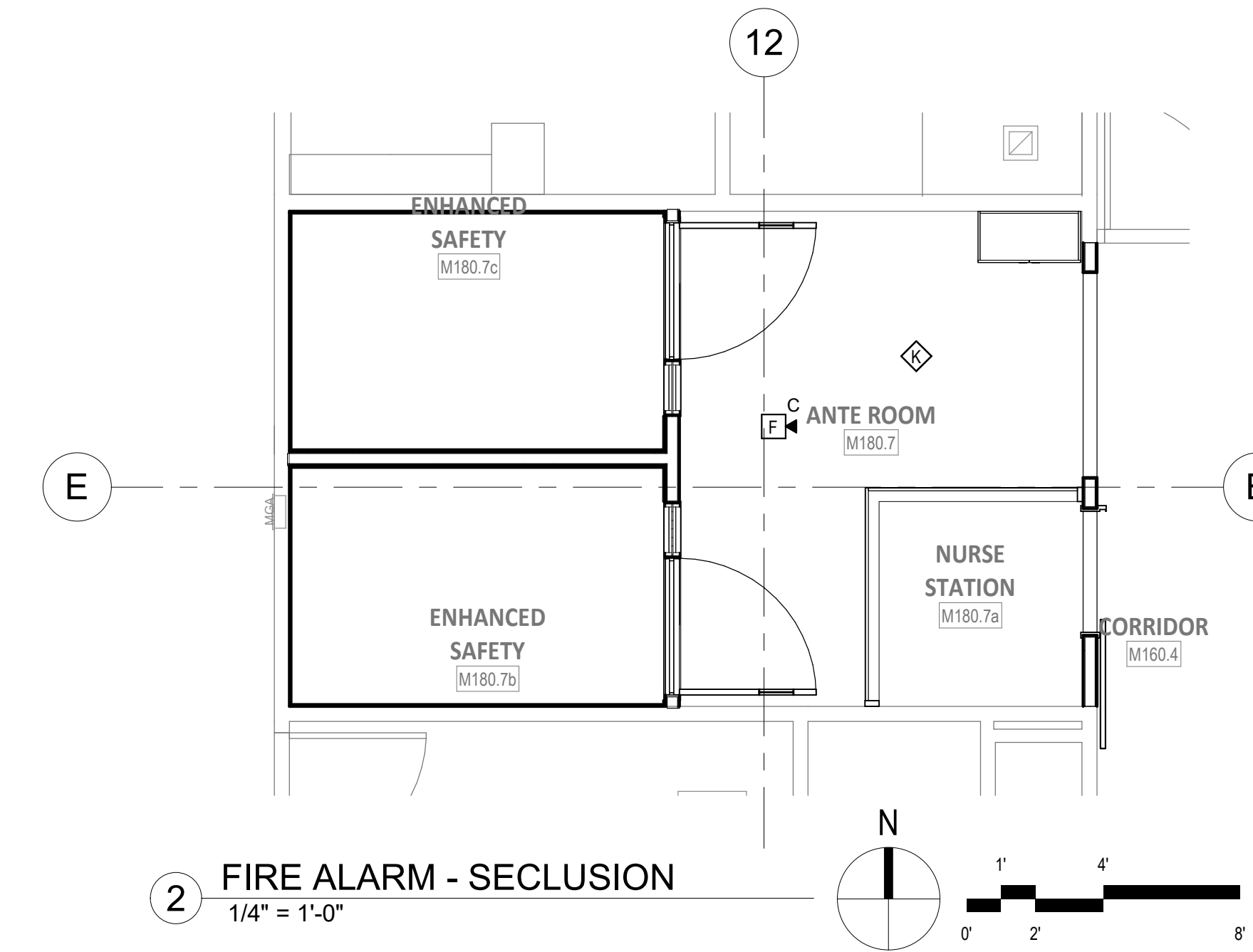


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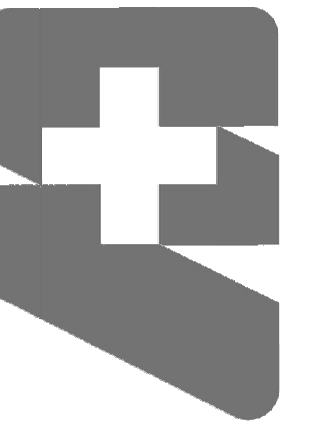


**1** FIRE ALARM - FAST TRACK BAYS  
1/4" = 1'-0"

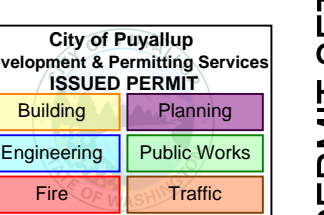


**2** FIRE ALARM - SECLUSION  
1/4" = 1'-0"

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FAST TRACK - FIRE  
ALARM PLANS

**E4.02**

FEEDER SCHEDULE - ABOVE 1000V						
PLAN MARK	CONDUIT SIZE	CONDUCTORS	600V GROUNDED NEUTRAL	600V GROUND	AMPACITY	REMARKS
A		3 #4/0 15KV MV-105	#4/0		315	
B		3 #1/0 15KV MV-105	#1/0		215	
C	6"	3 #750 AL 15KV MV-105		#4/0	490	
D	6"	SPARE				
E	4"	3 #2 15KV MV-105		#2	165	
F	4"	SPARE				
G	6"	3 #250 15KV MV-105	#4/0		345	
H	4"	3 #2 15KV MV-105		#4/0	165	
J	4"	3 #1/0 15KV MV-105	#1/0	#2	215	

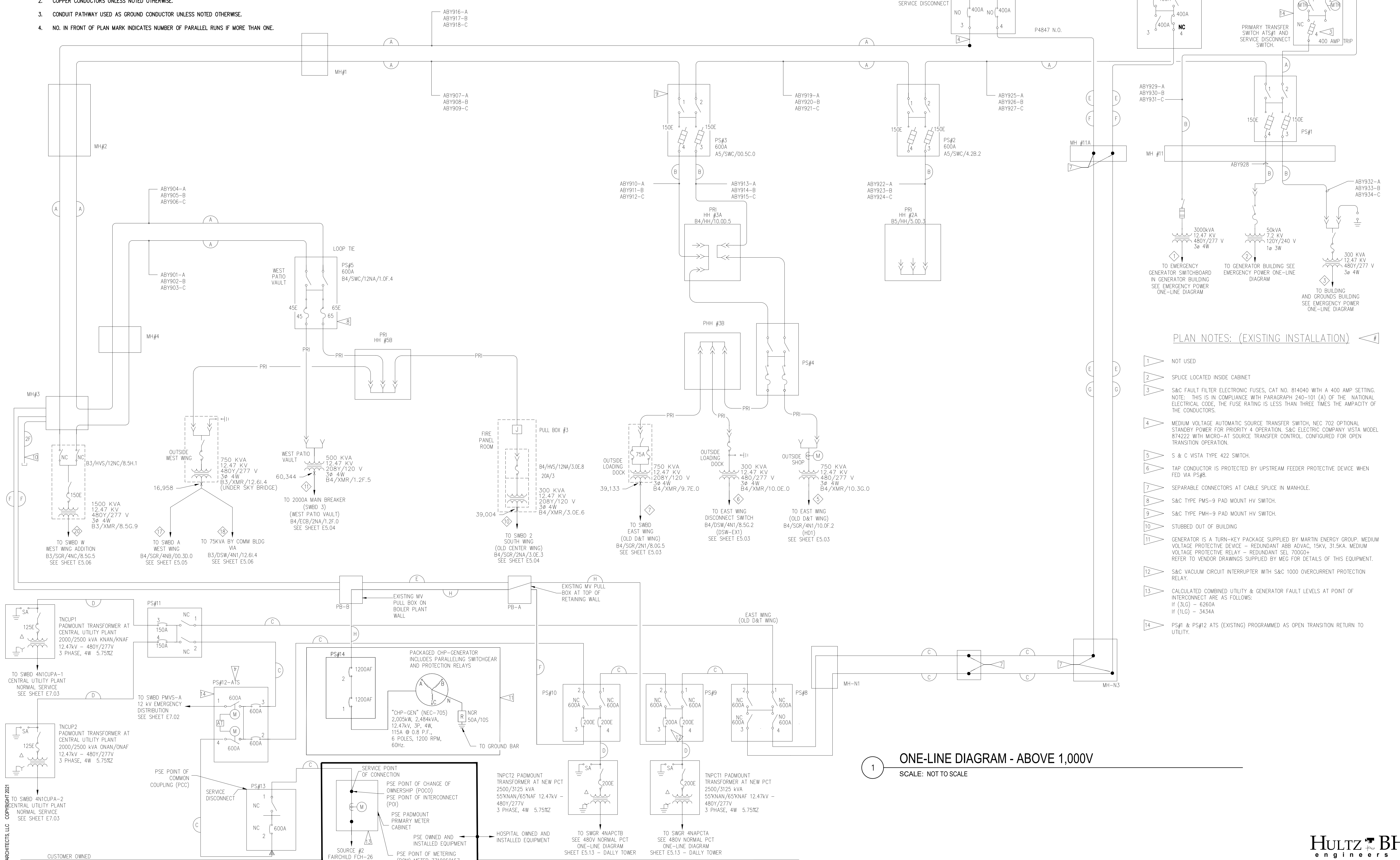
- GENERAL NOTES:
- FEEDER SCHEDULE SHOWS EXISTING INSTALLATION.
  - COPPER CONDUCTORS UNLESS NOTED OTHERWISE.
  - CONDUIT PATHWAY USED AS GROUND CONDUCTOR UNLESS NOTED OTHERWISE.
  - NO. IN FRONT OF PLAN MARK INDICATES NUMBER OF PARALLEL RUNS IF MORE THAN ONE.

GENERAL NOTES:

- CABLE NUMBERS ABY901 THRU ABY934 & ABY955 THRU ABY957 ARE CUSTOMER OWNED
- PUGET LOCK ON P-4847 POS.1 IS NORMAL OPEN

ONE-LINE RISER LEGEND

- PLAN NOTE
- FEEDER CALLOUT
- CONTINUATION
- LIGHT LINE WEIGHT EQUALS EXISTING WORK
- HEAVY LINE WEIGHT EQUALS NEW WORK
- EXISTING AFFECTED BY NEW WORK



PLAN NOTES: (EXISTING INSTALLATION)

- NOT USED
- SPICE LOCATED INSIDE CABINET
- S&C FAULT FILTER ELECTRONIC FUSES, CAT NO. 814040 WITH A 400 AMP SETTING. NOTE: THIS IS IN COMPLIANCE WITH PARAGRAPH 240-101 (A) OF THE NATIONAL ELECTRICAL CODE. THE FUSE RATING IS LESS THAN THREE TIMES THE AMPACITY OF THE CONDUCTORS.
- MEDIUM VOLTAGE AUTOMATIC SOURCE TRANSFER SWITCH, NEC 702, OPTIONAL STANDBY POWER FOR PRIORITY 4 OPERATION, S&C ELECTRIC COMPANY VISTA MODEL 874222 WITH MICRO-AT SOURCE TRANSFER CONTROL, CONFIGURED FOR OPEN TRANSITION OPERATION.
- S & C VISTA TYPE 422 SWITCH.
- TAP CONDUCTOR IS PROTECTED BY UPSTREAM FEEDER PROTECTIVE DEVICE WHEN FED VIA PS#8.
- SEPARABLE CONNECTORS AT CABLE SPLICE IN MANHOLE.
- S&C TYPE PMS-9 PAD MOUNT HV SWITCH.
- S&C TYPE PMH-9 PAD MOUNT HV SWITCH.
- STUBBED OUT OF BUILDING
- GENERATOR IS A TURN-KEY PACKAGE SUPPLIED BY MARTIN ENERGY GROUP. MEDIUM VOLTAGE PROTECTIVE DEVICE - REDUNDANT 48B ADIAC, 15KV, 31.5KA. MEDIUM VOLTAGE PROTECTIVE RELAY - REDUNDANT SEL 70000+. REFER TO VENDOR DRAWINGS SUPPLIED BY MEG FOR DETAILS OF THIS EQUIPMENT.
- S&C VACUUM CIRCUIT INTERRUPTER WITH S&C 1000 OVERCURRENT PROTECTION RELAY.
- CALCULATED COMBINED UTILITY & GENERATOR FAULT LEVELS AT POINT OF INTERCONNECT ARE AS FOLLOWS:  
If (3LG) - 6260A  
If (1LG) - 3434A
- PS#1 & PS#12 ATS (EXISTING) PROGRAMMED AS OPEN TRANSITION RETURN TO UTILITY.

ONE-LINE DIAGRAM - ABOVE 1,000V  
SCALE: NOT TO SCALE

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Fire Traffic

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ONE-LINE DIAGRAM - ABOVE 1000V

**E5.00**  
PROJECT NO.

**HULTZ + BHU**  
engineers inc

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Phone: (253) 383-3257 Fax: (253) 383-3283  
general@hultzbhu.com Job Number: 22-142

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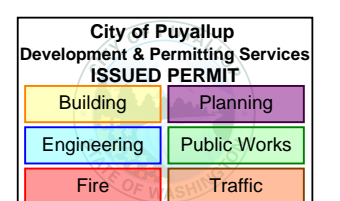
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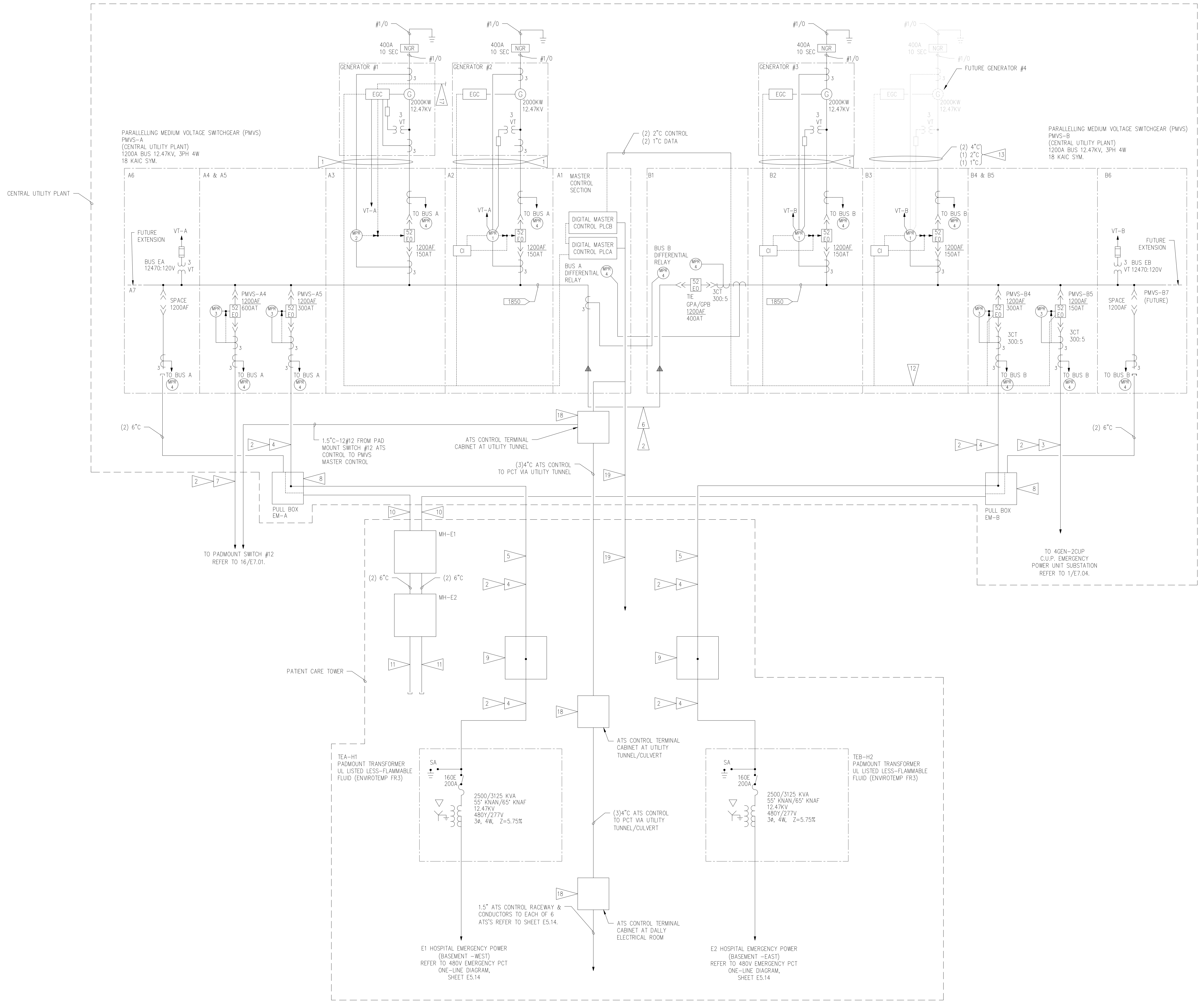
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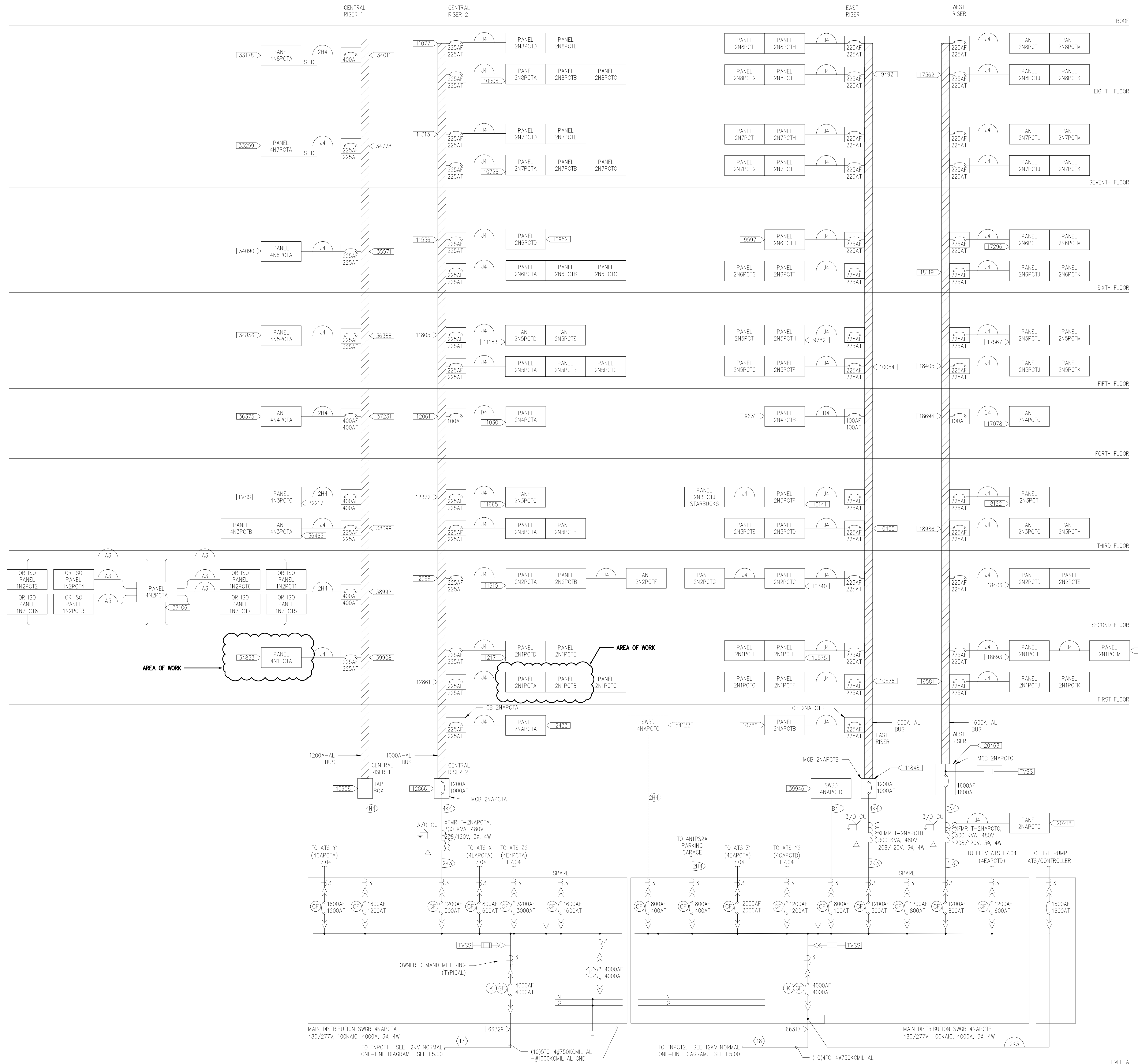
DALLY TOWER  
ONE-LINE DIAGRAM -  
EMERGENCY  
GENERATOR

**E5.02**

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general@hultzbhu.com Job Number: 22-142

- PLAN NOTES: (EXISTING INSTALLATION)**
- 1 (1) 4" C-3#2 CU 15KV MV-105, 1#2 CU 600V XHHW GROUND (POWER)  
(1) 4" C SPARE, (1) 2" C FOR CONTROL, (1) 1" C FOR DATA ROUTED WITH GENERATOR POWER FEEDER.
  - 2 SPARE RACEWAY SAME SIZE AS FOR FEEDER, ROUTED WITH THE FEEDER RACEWAY.
  - 3 (1) 4" C-3#2 CU 15KV MV-105, 1#2 CU 600V XHHW GROUND.
  - 4 (1) 6" C-3#4/0 AL 15KV MV-105, 1#4/0 CU 600V XHHW GROUND.
  - 5 FEEDER ROUTED FROM DUP SWITCHGEAR TO PATIENT CARE TOWER VIA UTILITY TUNNEL.
  - 6 SWITCHGEAR TIE FEEDER, (1) 6" C-3#350 KCMIL AL 15KV MV-105, 1#350 KCMIL AL 600V XHHW GROUND, (1) 6" C SPARE.
  - 7 EMERGENCY TO NORMAL FEEDER FOR OPTIONAL SERVICE TO SOUTH 12.47KV NORMAL POWER SYSTEM, (1) 6" C-3#750 KCMIL AL 15KV MV-105, 1#4/0 CU 600V XHHW GROUND.
  - 8 PULL BOX 72"H X 80"W 18"D NEMA 3 WITH HINGED COVERS FOR FEEDER IN UTILITY TUNNEL AT CENTRAL PLANT. BARRIERS IN PULLBOX SEPARATE THE CIRCUITS.
  - 9 PULL BOX FOR 12470 VOLT EMERGENCY FEEDERS TO PCT TRANSFORMERS. PULLBOX LOCATED IN UTILITY TUNNEL AT TUNNEL/CULVERT SWITCH VAULT AREA.
  - 10 (2) 6" C TO SITE VIA UTILITY TUNNEL FOR FUTURE PHASES 12.47KV EMERGENCY POWER SERVICE.
  - 11 (2) 6" C RUN EAST TO NEAR MH-N3 FOR EXTENSION TO FUTURE PHASES 12.47KV EMERGENCY POWER SERVICE.
  - 12 GENERATOR SWITCHGEAR SECTION WITH INTERCONNECTING WIRING, TERMINALS AND CONNECTIONS READY FOR FUTURE GENERATOR OPERATION.
  - 13 CONDUITS TO 5 FEET OUTSIDE NORTH BUILDING FOUNDATION AND CAPPED FOR FUTURE USE.
  - 14 NOT USED.
  - 15 NOT USED.
  - 16 NOT USED.
  - 17 PERMISSIVE PARALLELING EXTENDED TO EACH EGC.
  - 18 TERMINAL CABINET 36"H X 48"W X 12"D NEMA 3 WITH HINGED COVER.
  - 19 1" ATS CONTROL RACEWAY AND CONDUCTORS VIA UTILITY TUNNEL/CULVERT TO EACH OF 2 FIRE PUM ATS/CONTROLLERS. REFER TO SHEET 4E7.04.





1 ONE-LINE DIAGRAM - NORMAL  
SCALE: NOT TO SCALE

**GENERAL NOTES:**  
REFER TO SHEET E5.20 FOR FEEDER SCHEDULES.

**PLAN NOTES:**  
NOT USED

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Engineering Public Works  
Fire Traffic

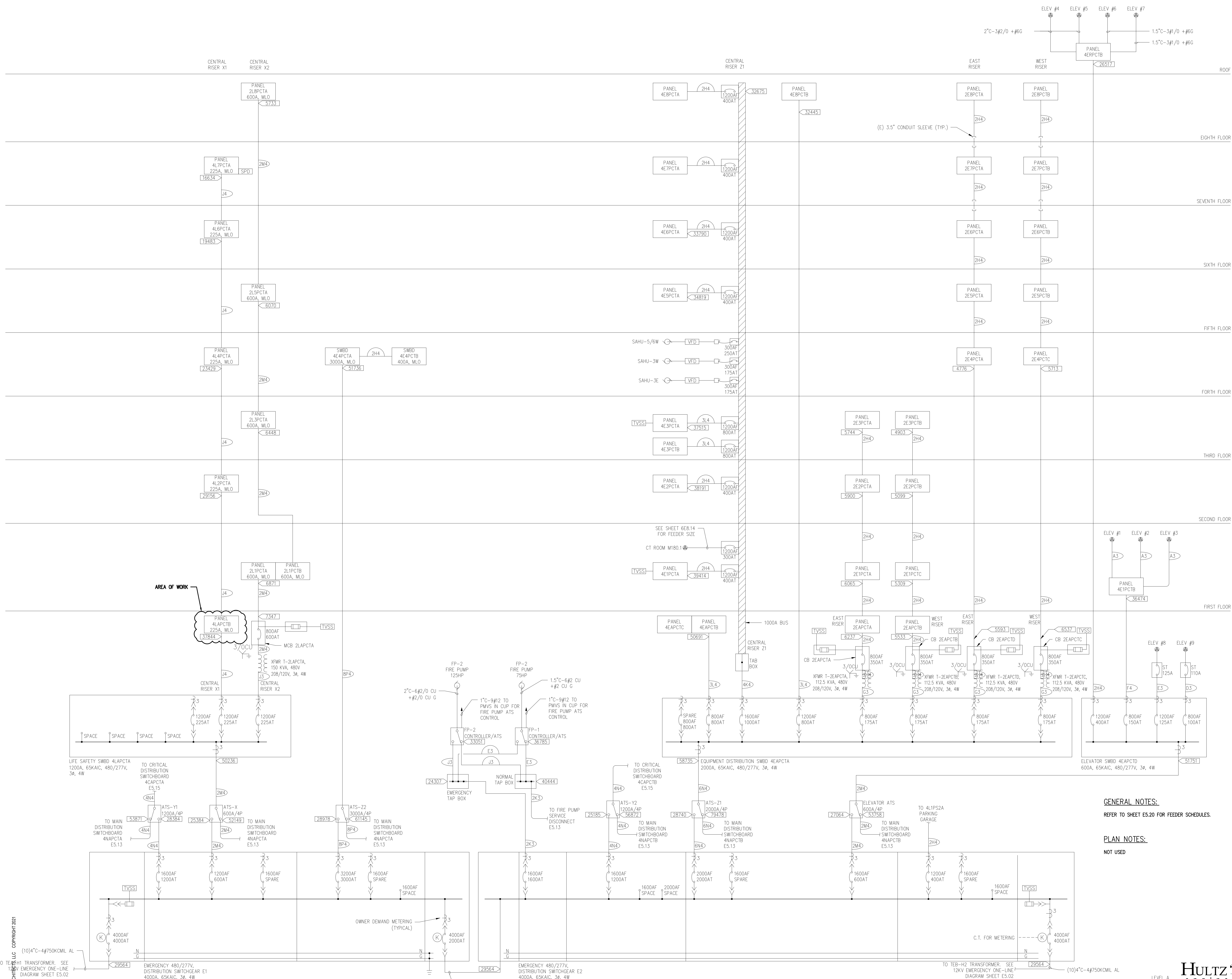
PERMIT SET

**HULTZ + BHU**  
engineers inc

1111 Fawcett Ave Suite 100 Tacoma, WA 98402  
Phone: (253) 383-3257 Fax: (253) 383-3283  
general@hultzbhu.com Job Number: 22-142

**E5.13**

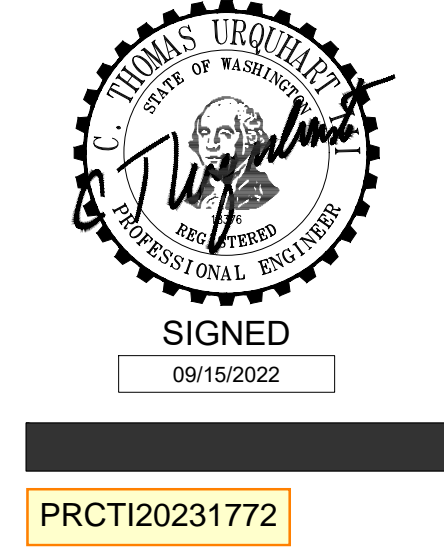




**GENERAL NOTES:**  
REFER TO SHEET E5.20 FOR FEEDER SCHEDULES.

**PLAN NOTES:**  
NOT USED

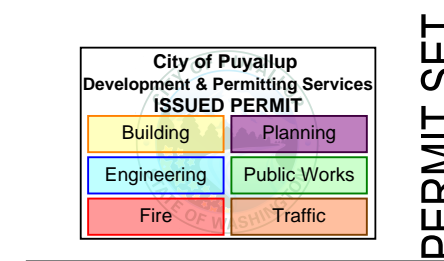
**ONE-LINE DIAGRAM - ESSENTIAL SYSTEM**  
SCALE: NOT TO SCALE



**ED- FAST TRACK REMODEL**  
Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
REVISIONS:

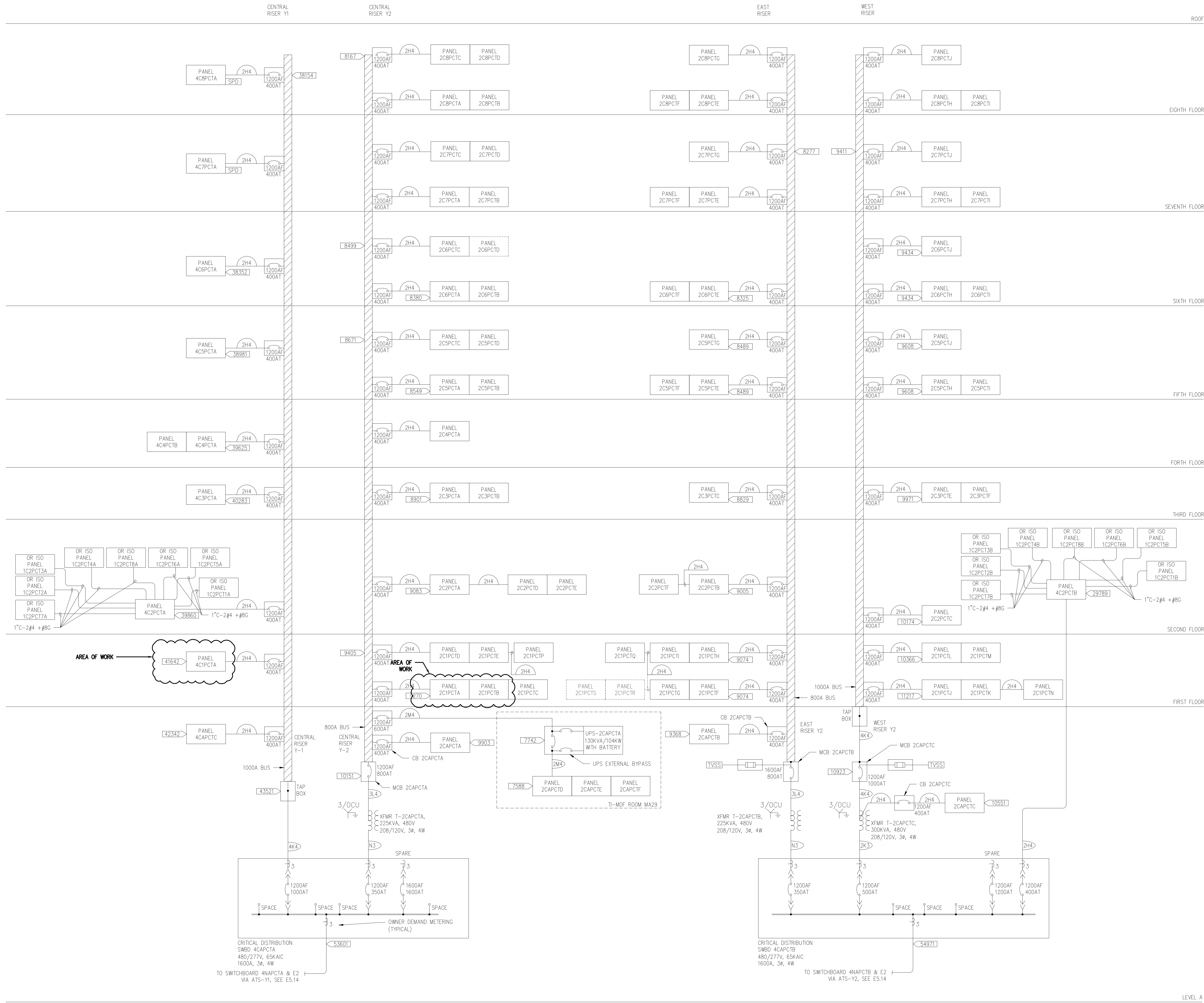


**DALLY TOWER**  
ONE-LINE DIAGRAM -  
LIFE SAFETY &  
EQUIPMENT  
**E5.14**  
PROJECT NO.

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PERMIT SET



**GENERAL NOTES:**  
REFER TO SHEET E5.20 FOR FEEDER SCHEDULES.

**PLAN NOTES:**  
NOT USED

**CLARK K JOSS**  
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Phone: 503.224.4848

SIGNED  
09/15/2022  
PRCTI20231772

**ED- FAST TRACK REMODEL**  
Multicare Good Samaritan Hospital  
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 09.15.22  
REVISIONS:

**ONE-LINE DIAGRAM - CRITICAL**  
SCALE: NOT TO SCALE

City of Puyallup  
Development & Permitting Services  
REQUIRED PERMIT  
Building, Engineering, Fire, Planning, Public Works, Traffic

**DALLY TOWER**  
**ONE-LINE DIAGRAM -**  
**CRITICAL**

**E5.15**

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