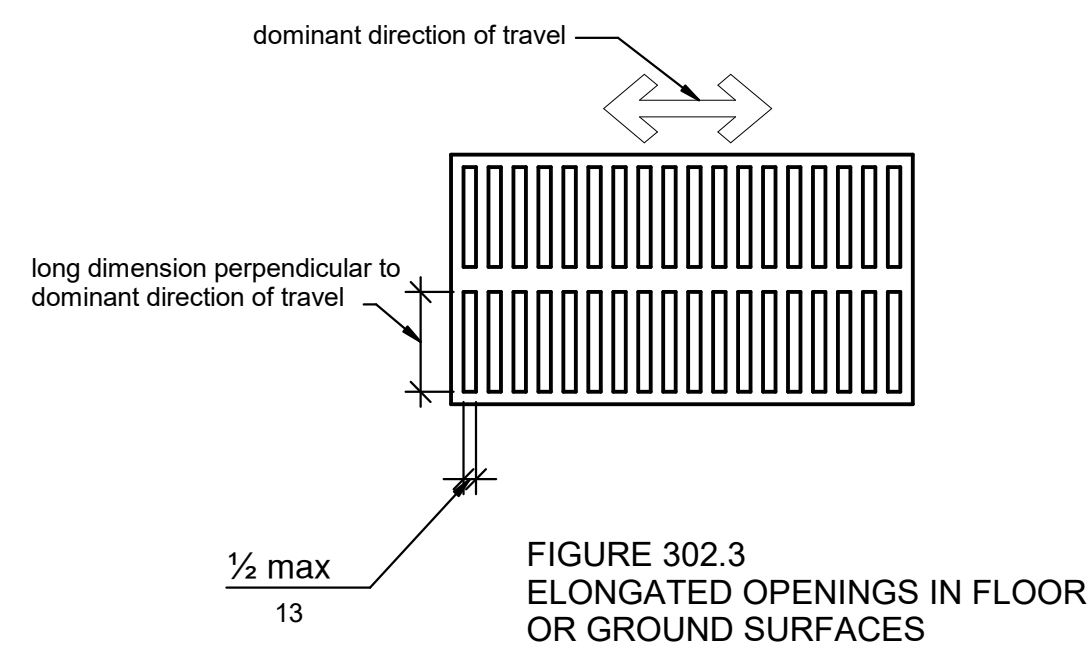


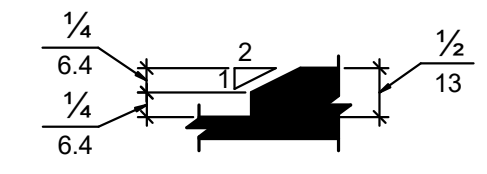
**SELECTED DETAILS FROM ADA/ABA
ACCESSIBILITY STANDARDS**

DETAILS ARE TAKEN FROM THE 2010/2015 STANDARDS

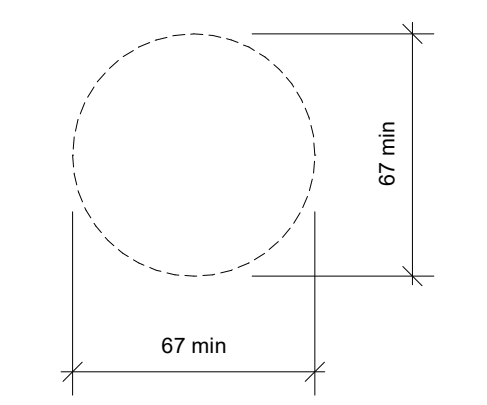
NOTE: AN ACCESSIBLE ROUTE MUST BE PROVIDED TO PROFESSIONAL OFFICES OF HEALTH CARE PROVIDERS REGARDLESS OF NUMBER OF STORIES OR FLOOR AREA



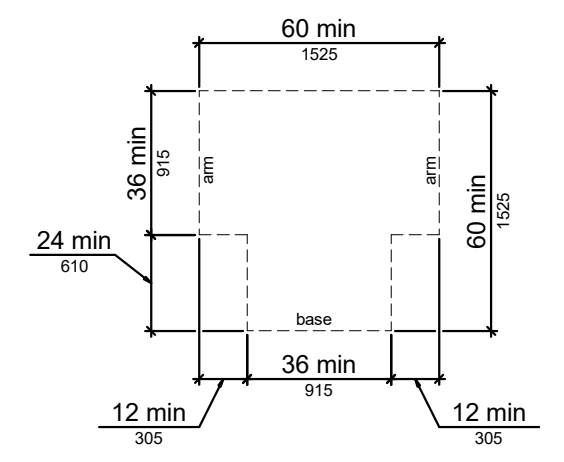
**FIGURE 302.2
CARPET PILE HEIGHT**



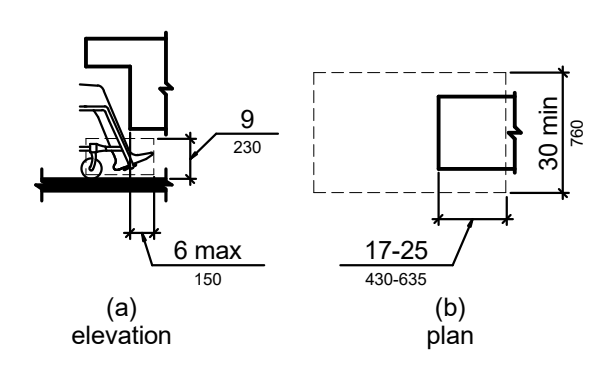
**FIGURE 303.3
BEVELED CHANGE IN LEVEL
AND THRESHOLDS**



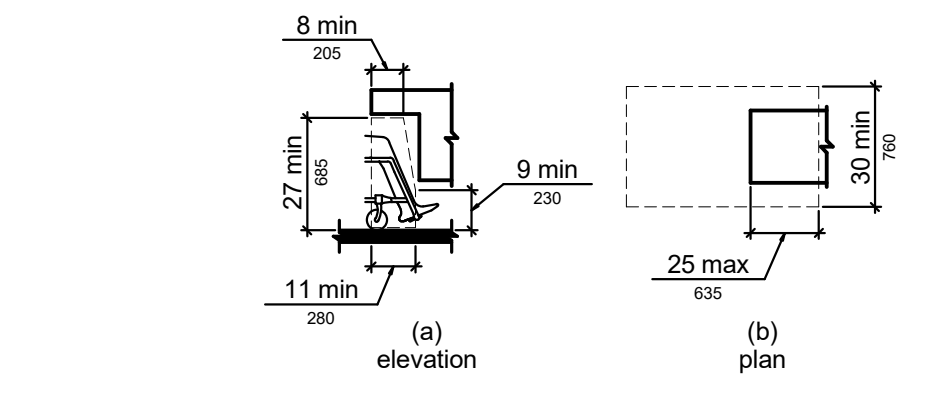
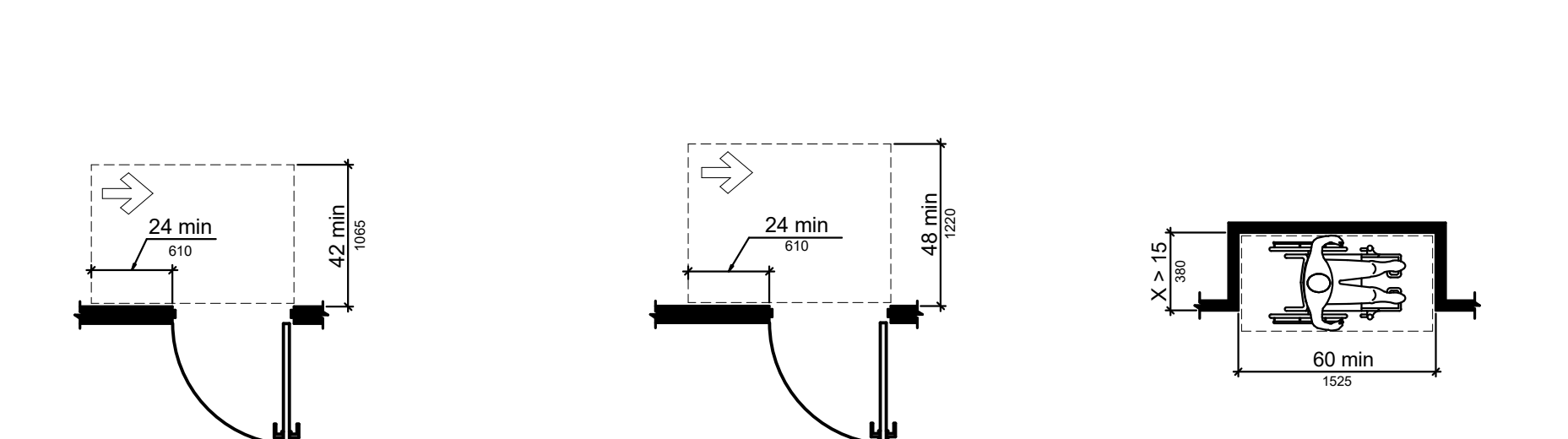
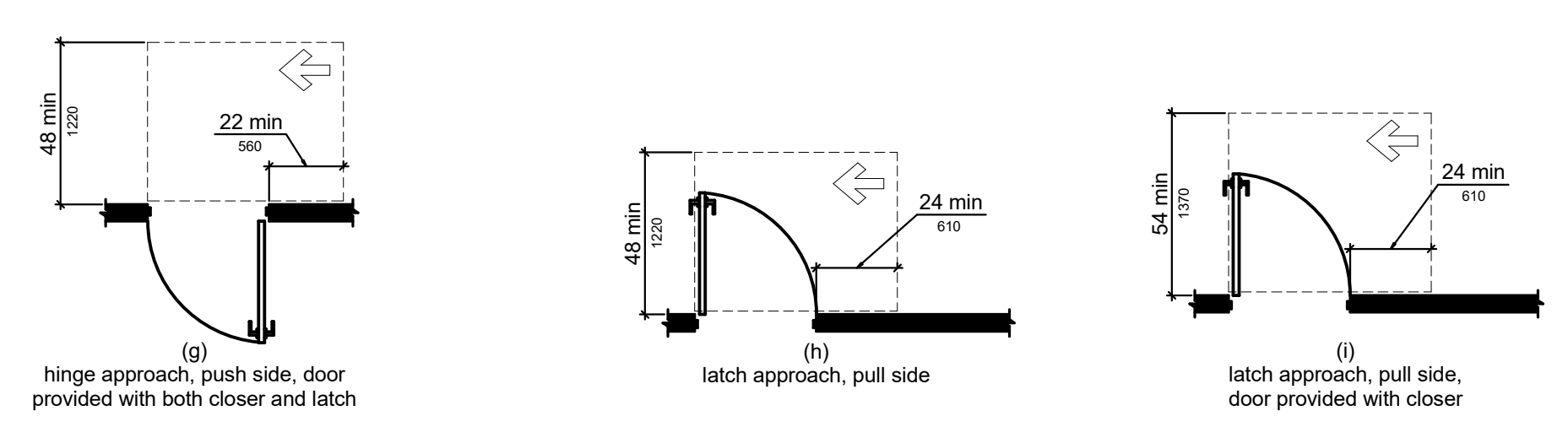
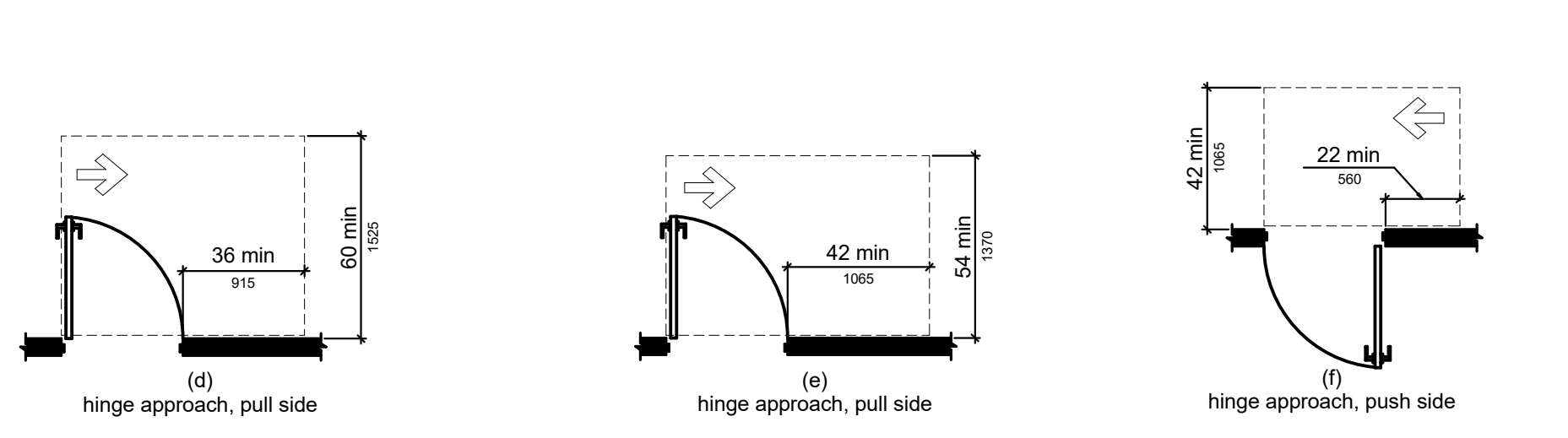
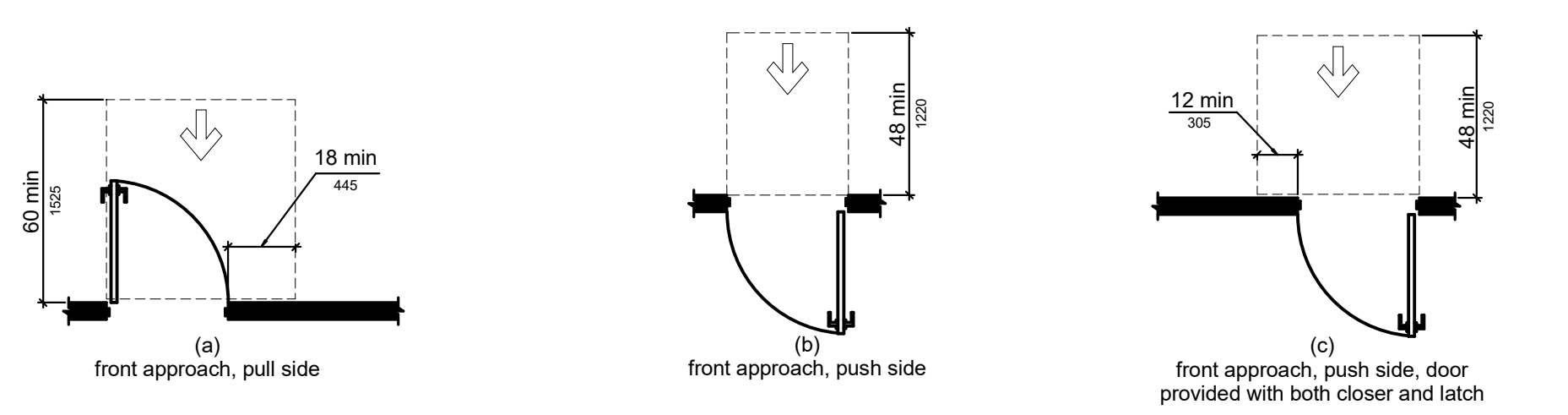
**FIGURE 303.2
VERTICAL CHANGE IN LEVEL**



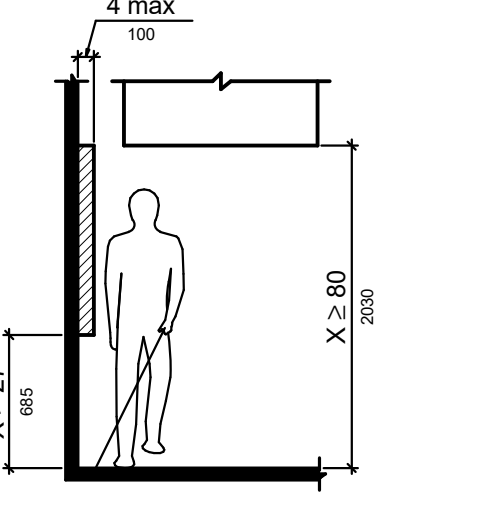
**FIGURE 304.3.2
T-SHAPED TURNING SPACE**



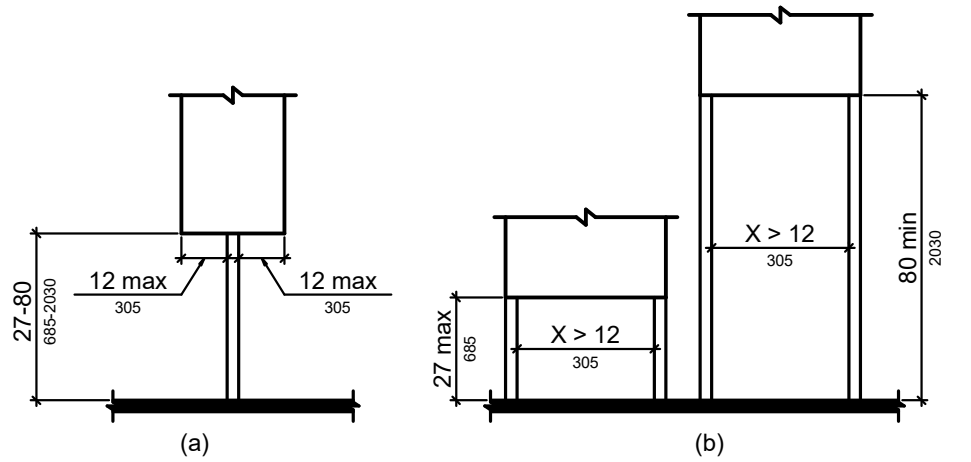
**FIGURE 306.2
TOE CLEARANCE**



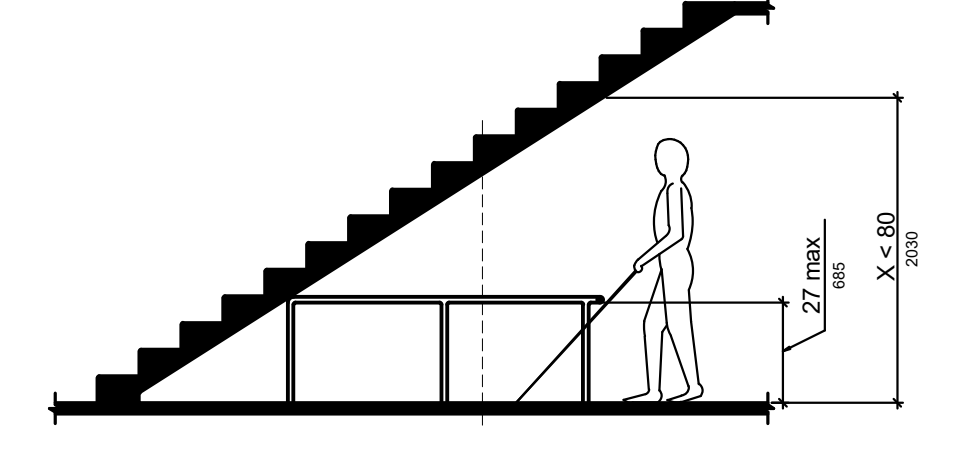
**FIGURE 306.3
KNEE CLEARANCE**



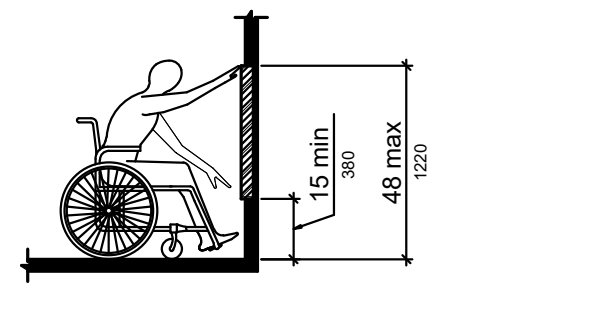
**FIGURE 307.2
LIMITS OF
PROTRUDING OBJECTS**



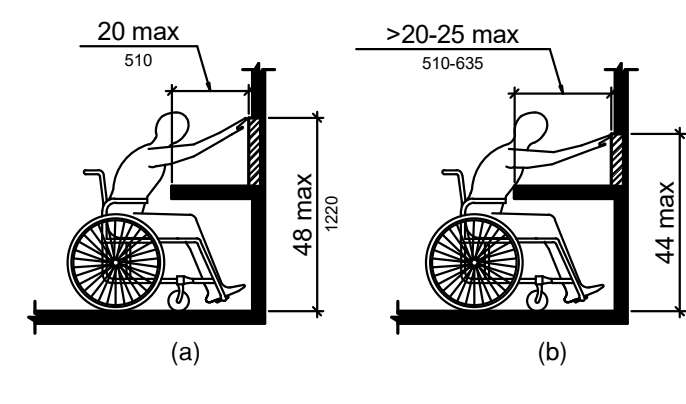
**FIGURE 307.3
POST-MOUNTED PROTRUDING
OBJECTS**



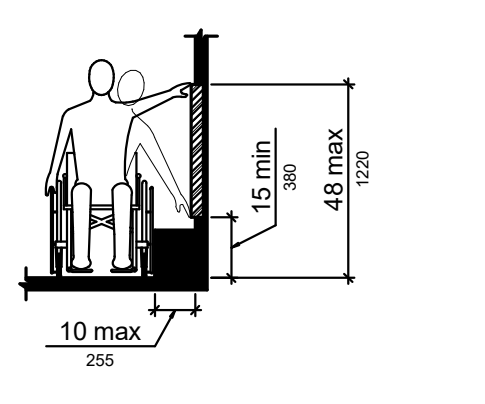
**FIGURE 307.4
VERTICAL CLEARANCE**



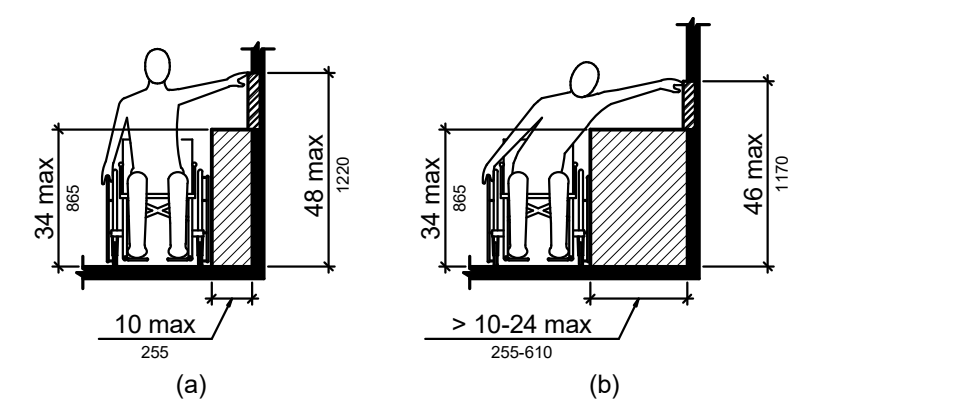
**FIGURE 308.2.1
UNOBSTRUCTED
FORWARD REACH**



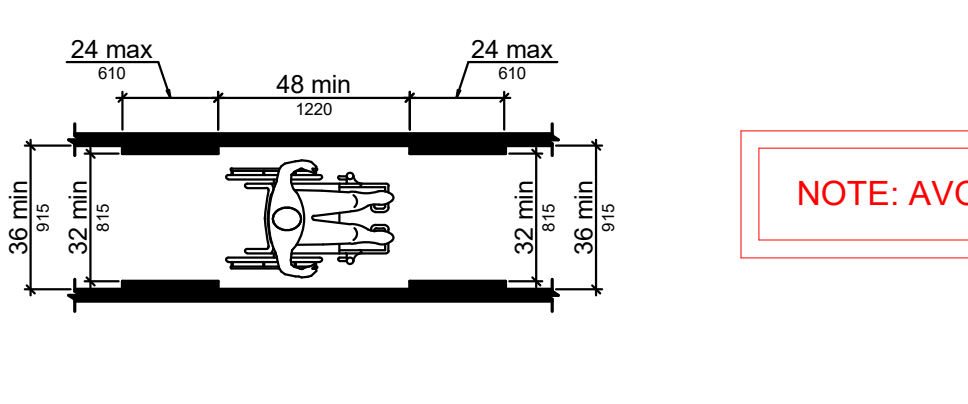
**FIGURE 308.2.2
UNOBSTRUCTED HIGH
FORWARD REACH**



**FIGURE 308.3.1
UNOBSTRUCTED
SIDE REACH**

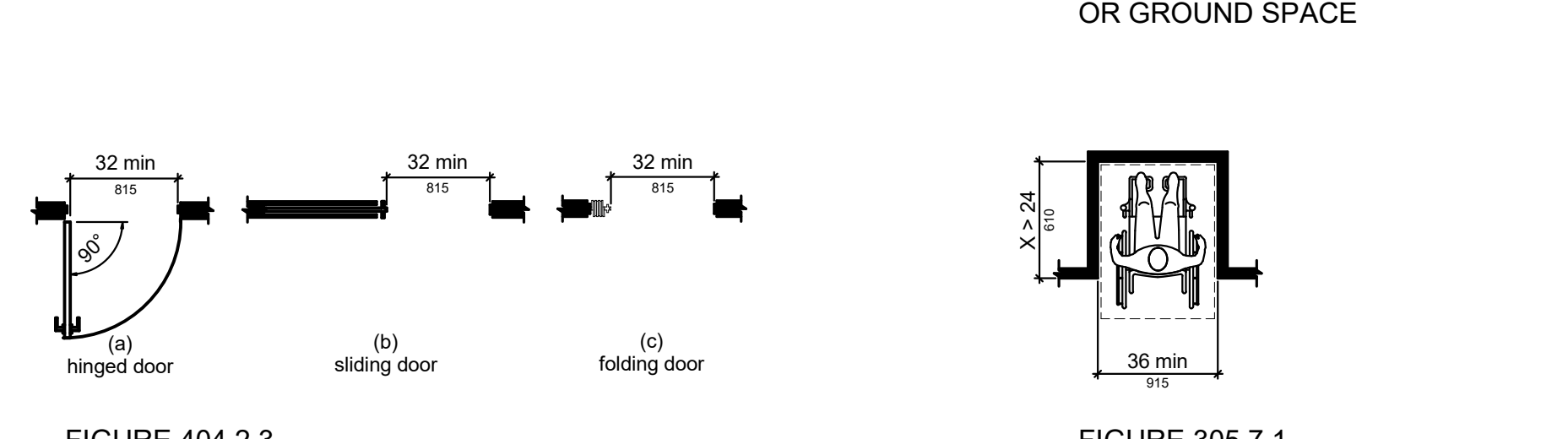
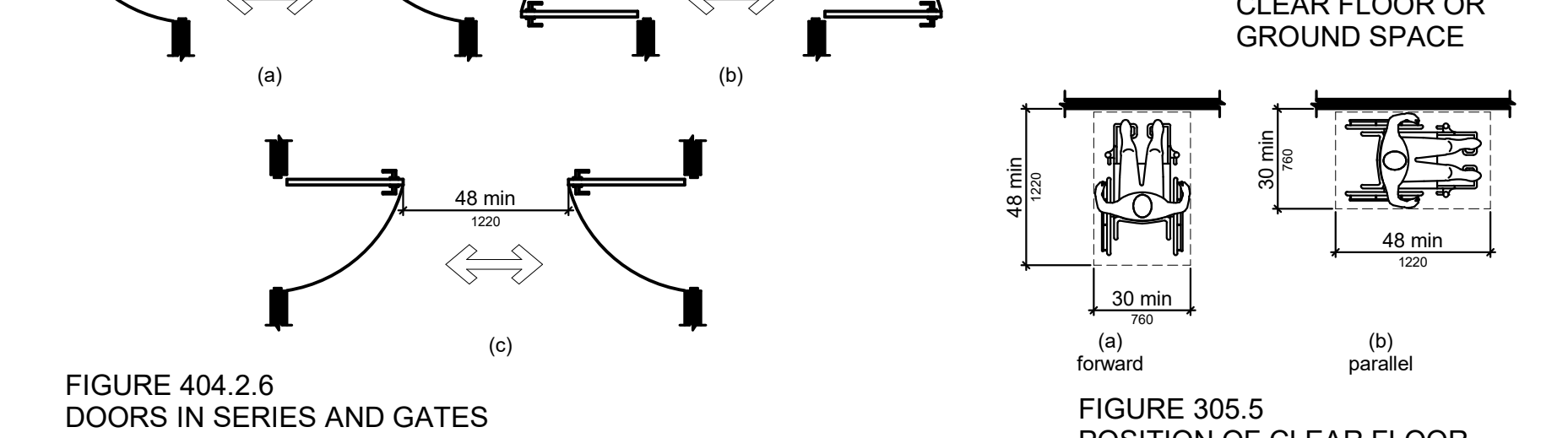
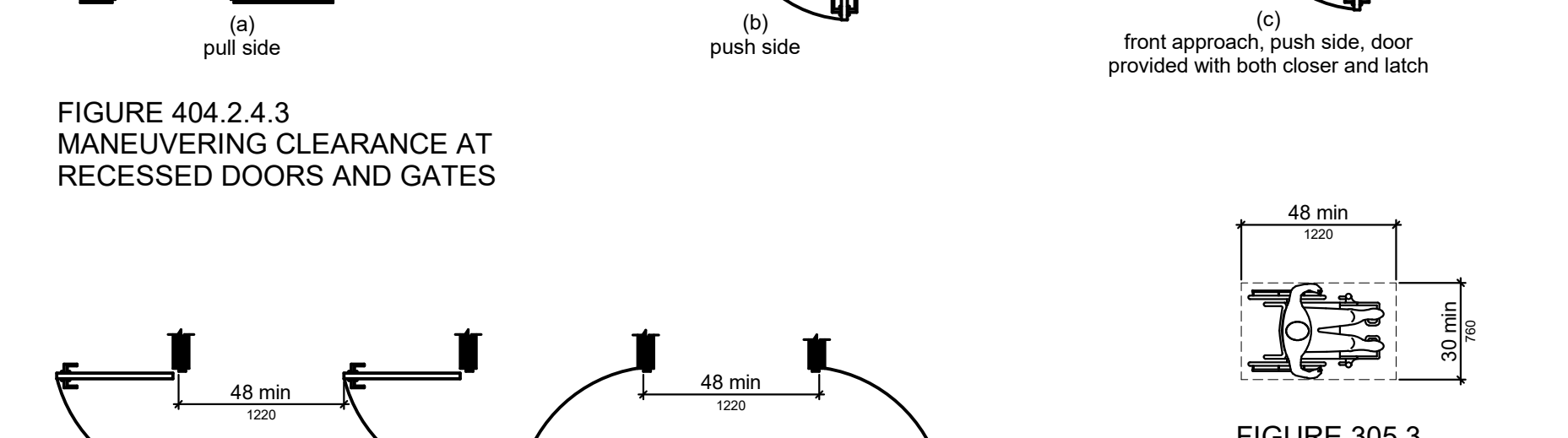
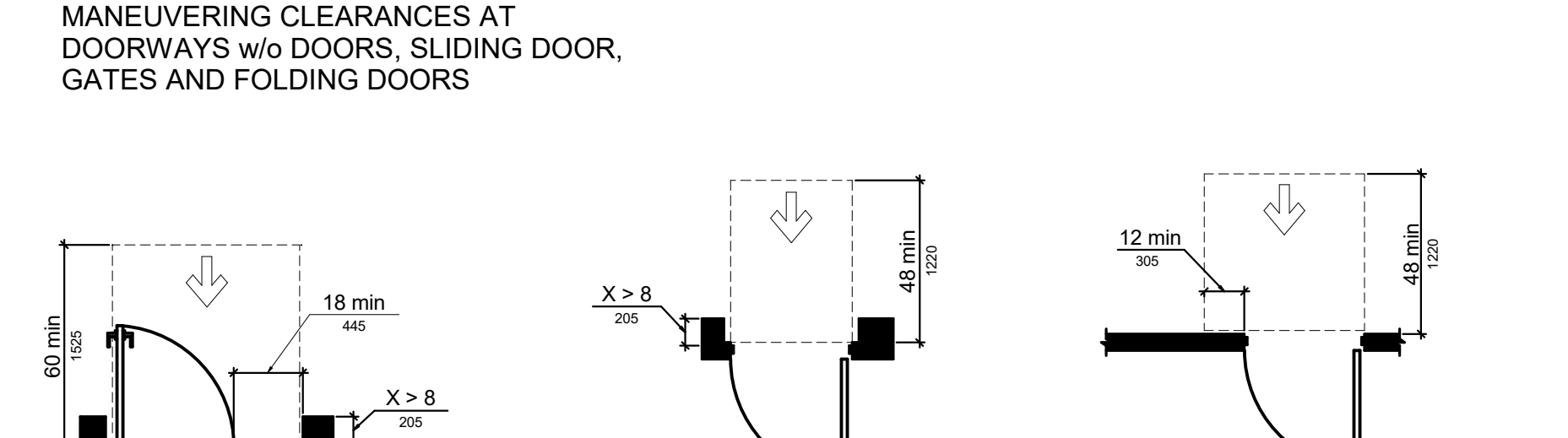
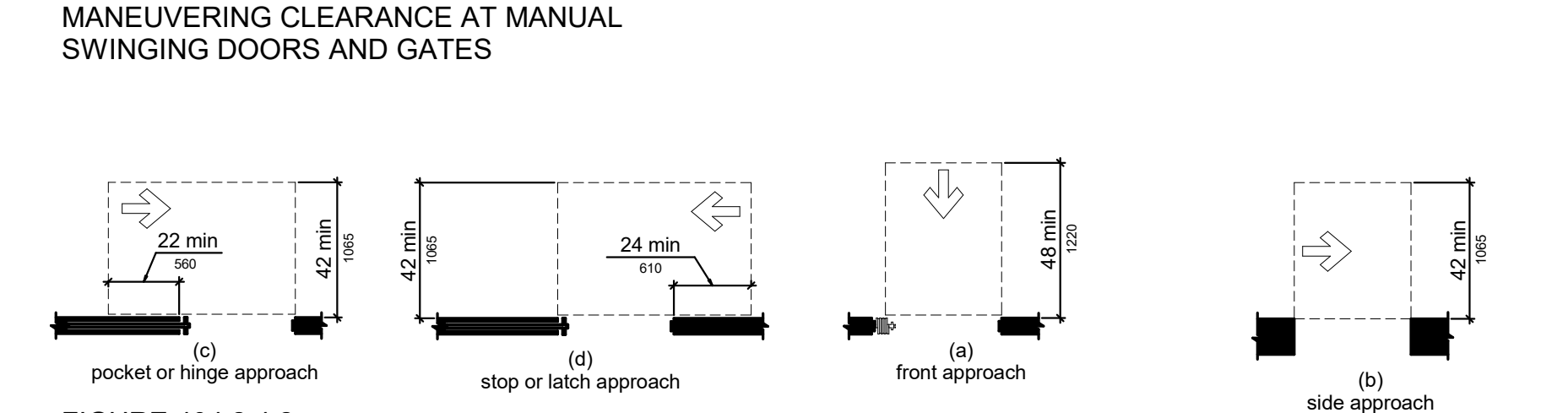
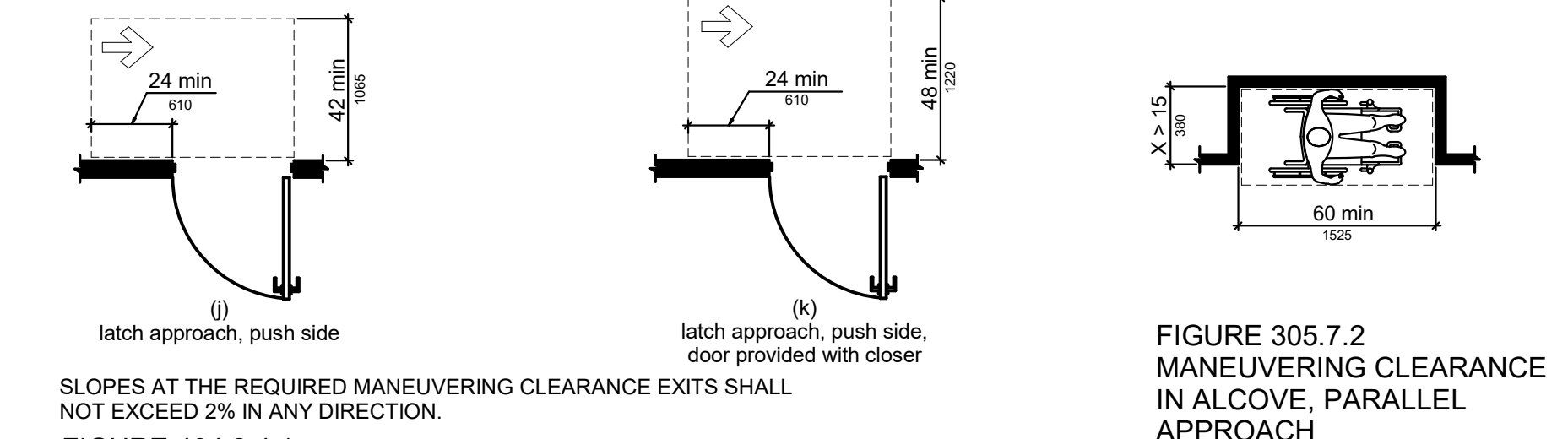


**FIGURE 308.3.2
UNOBSTRUCTED HIGH
SIDE REACH**

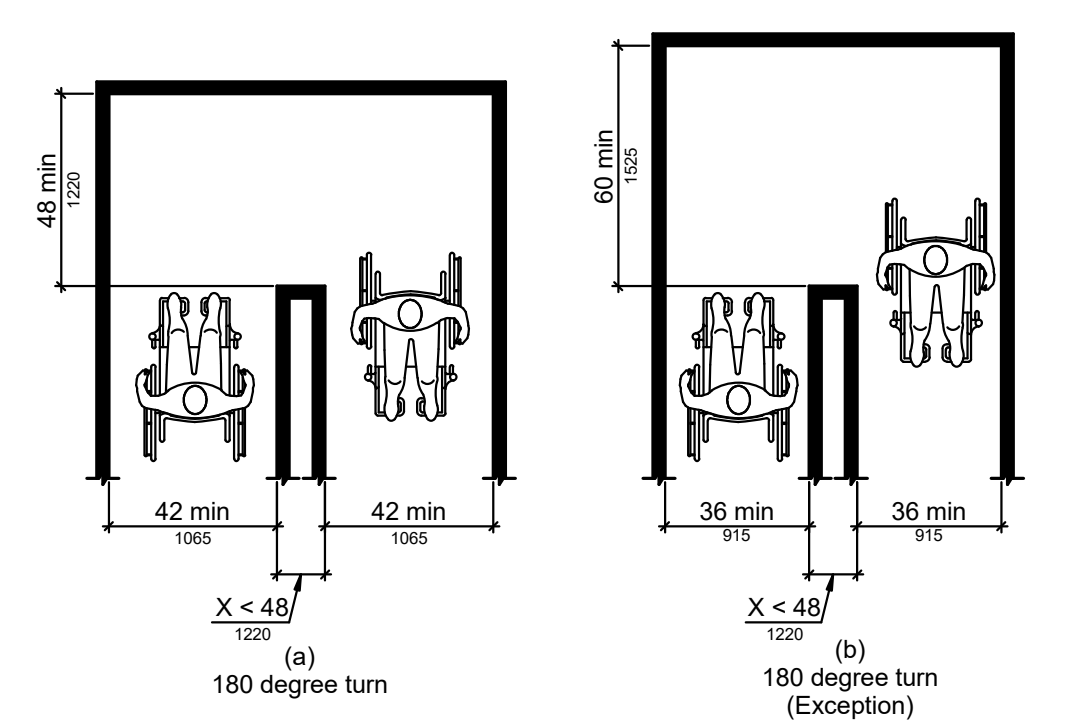


**FIGURE 403.5.1
CLEAR WIDTH OF AN
ACCESSIBLE ROUTE**

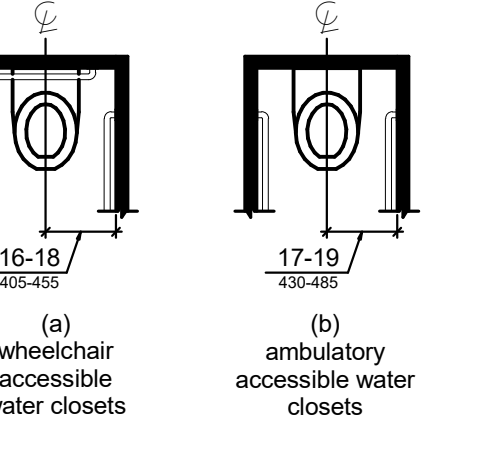
NOTE: AVOID SIDE REACH TO ELEMENTS IN CORNERS



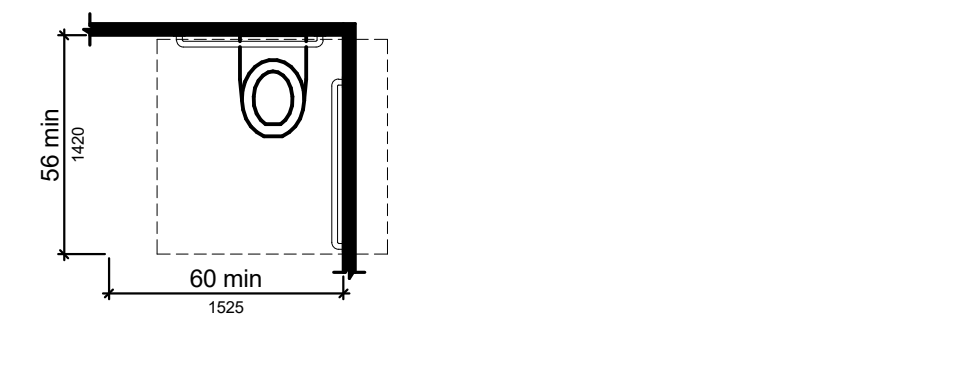
**FIGURE 404.2.3
CLEAR WIDTH OF DOORWAYS**



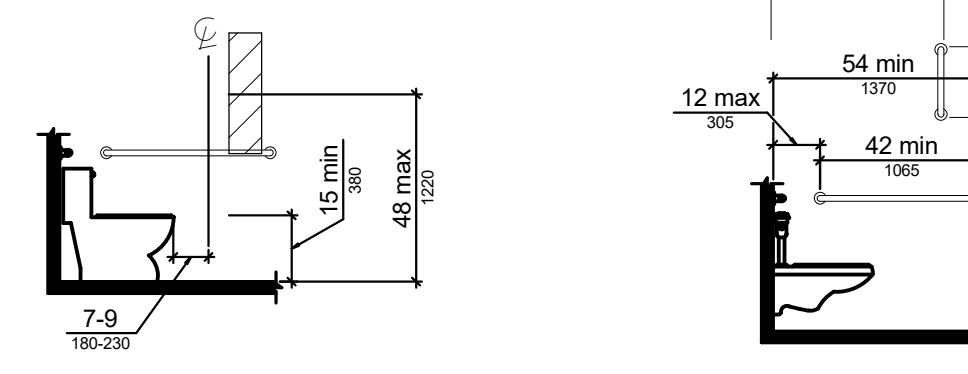
**FIGURE 403.5.2
CLEAR WIDTH AT TURN**



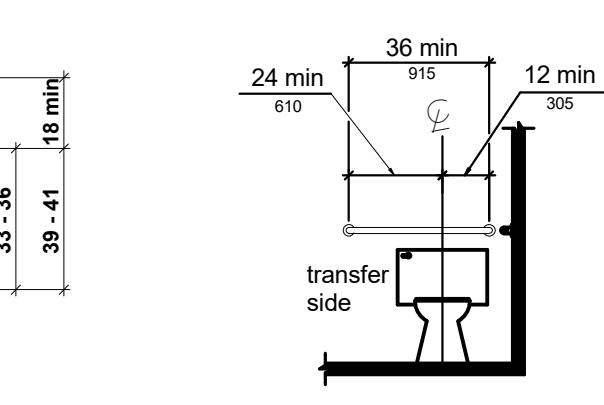
**FIGURE 604.2
WATER CLOSET LOCATION**



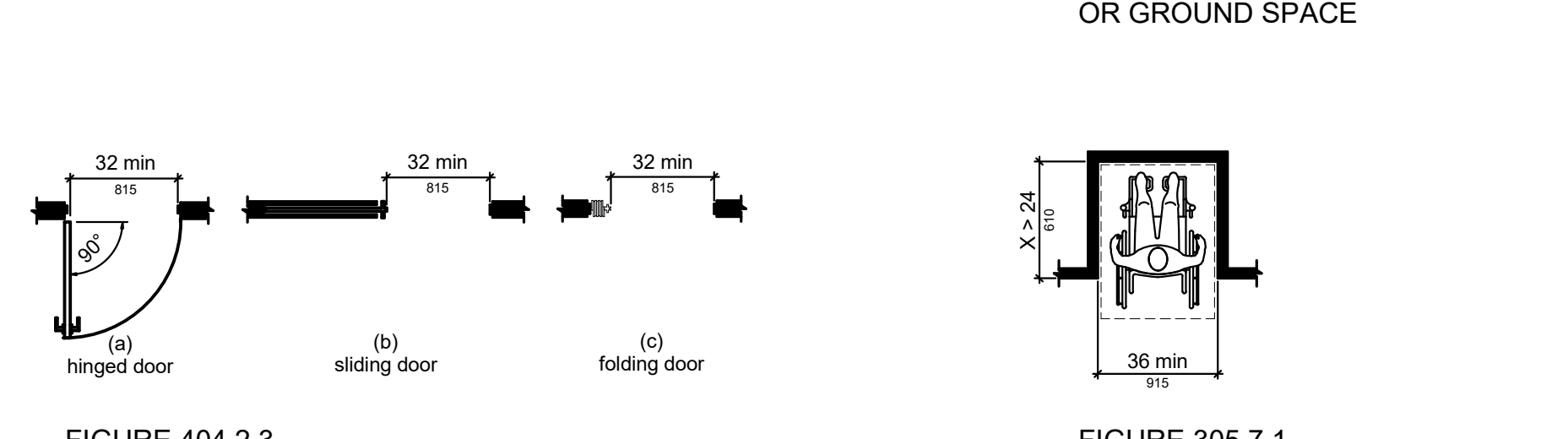
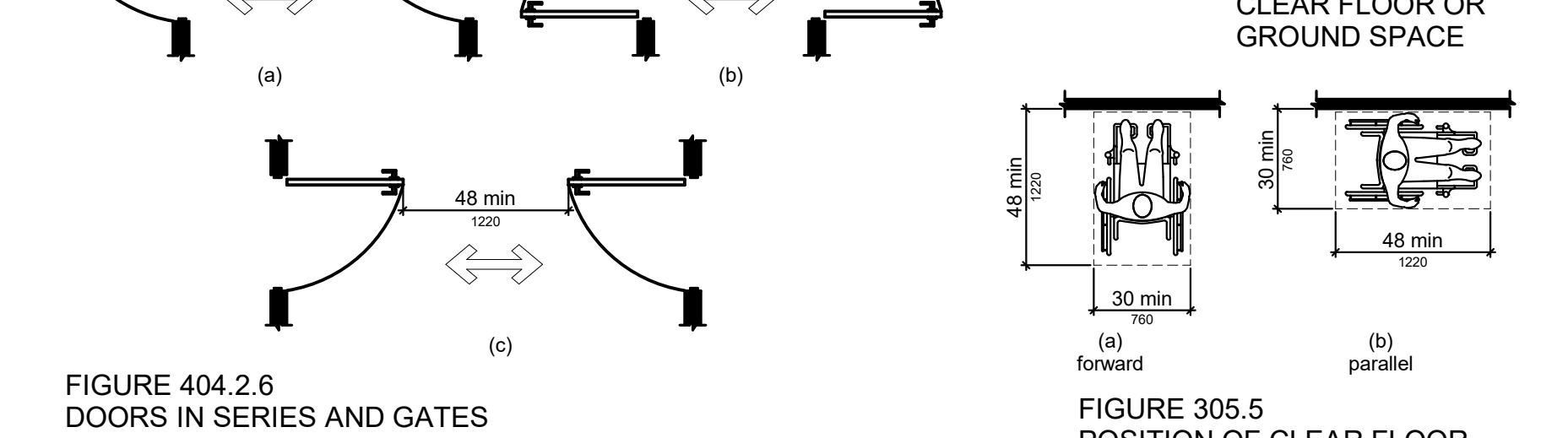
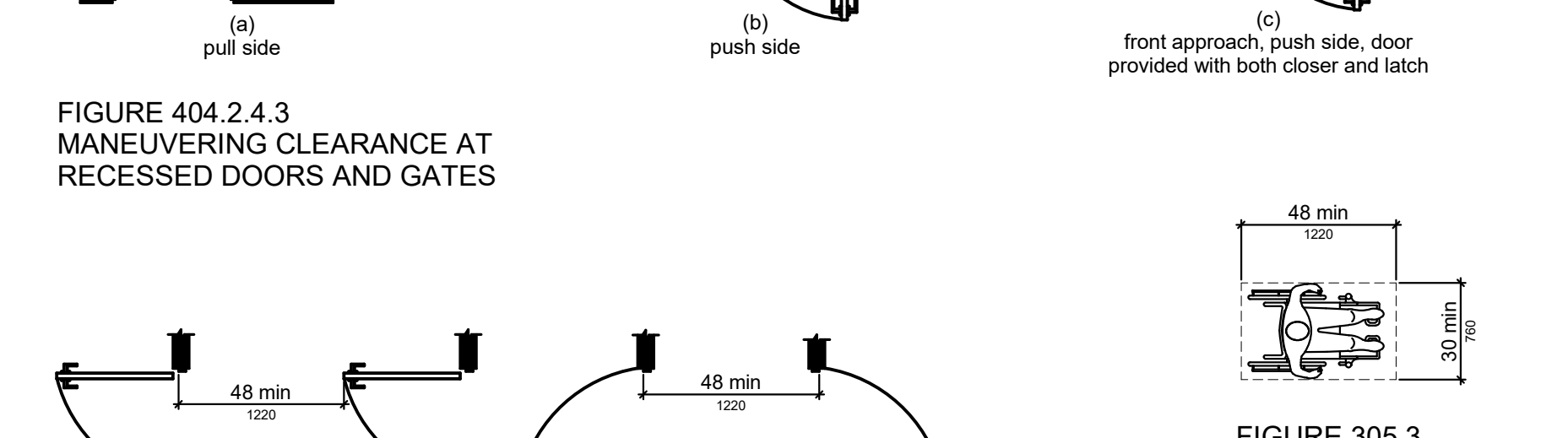
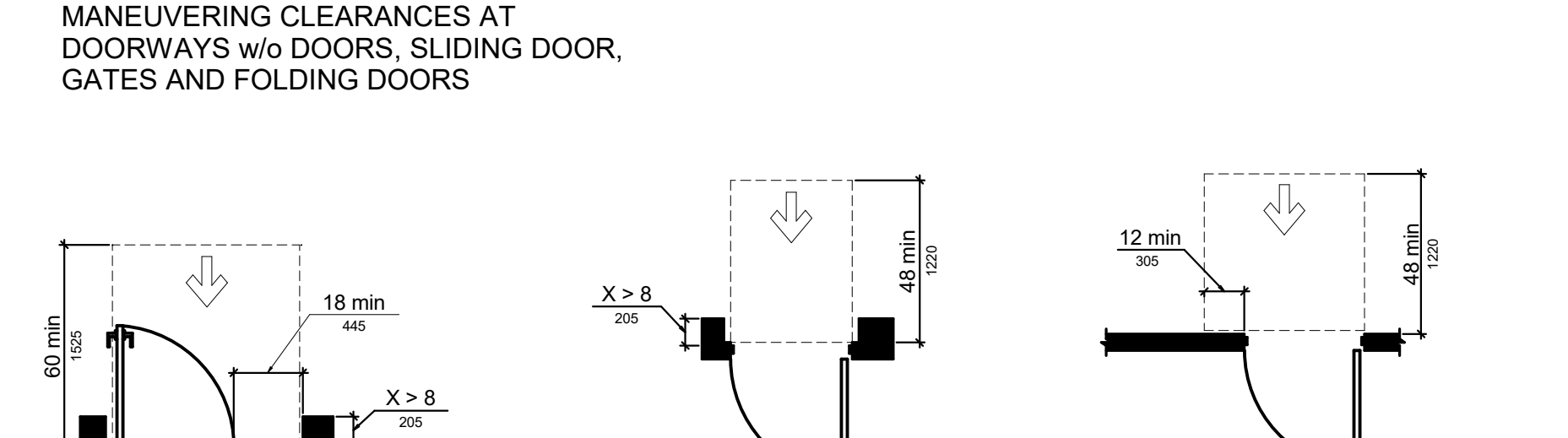
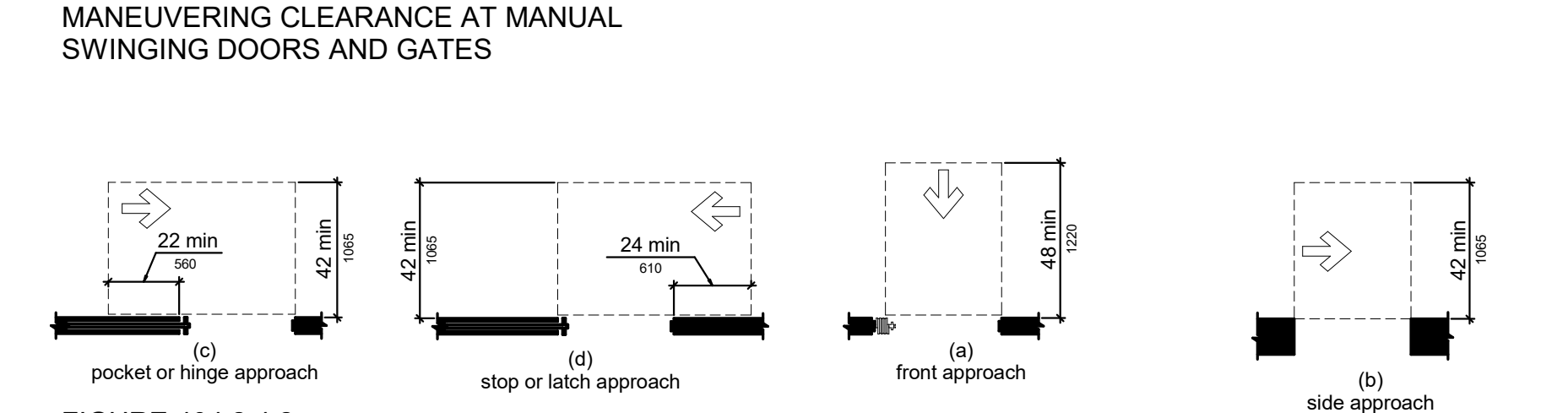
**FIGURE 604.3.1
SIZE OF CLEARANCE AT
WATER CLOSETS**



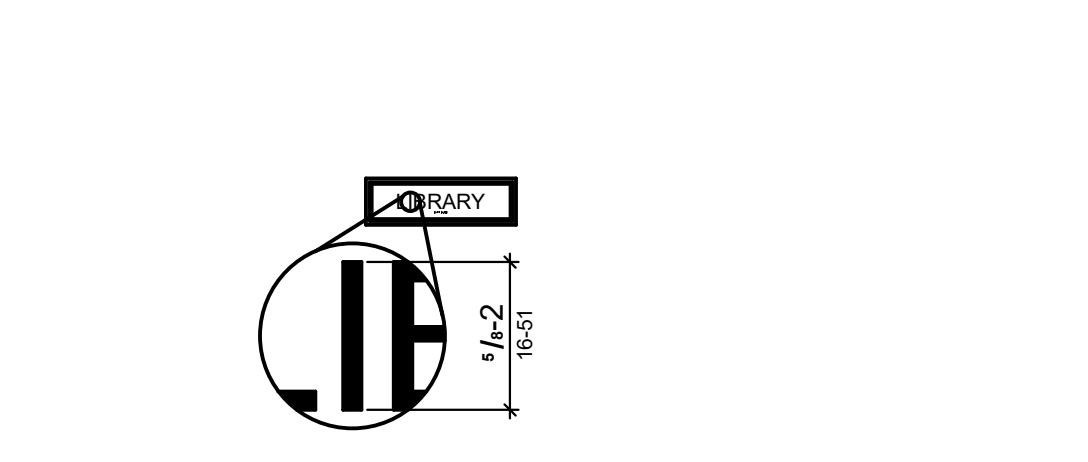
**FIGURE 604.7
DISPENSER OUTLET
LOCATION**



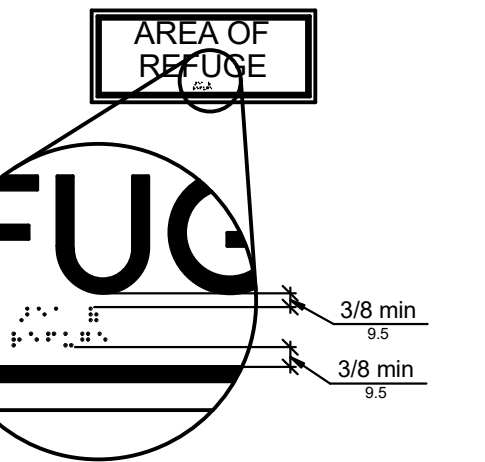
**FIGURE 604.5.1
SIDE WALL GRAB BAR
AT WATER CLOSETS**



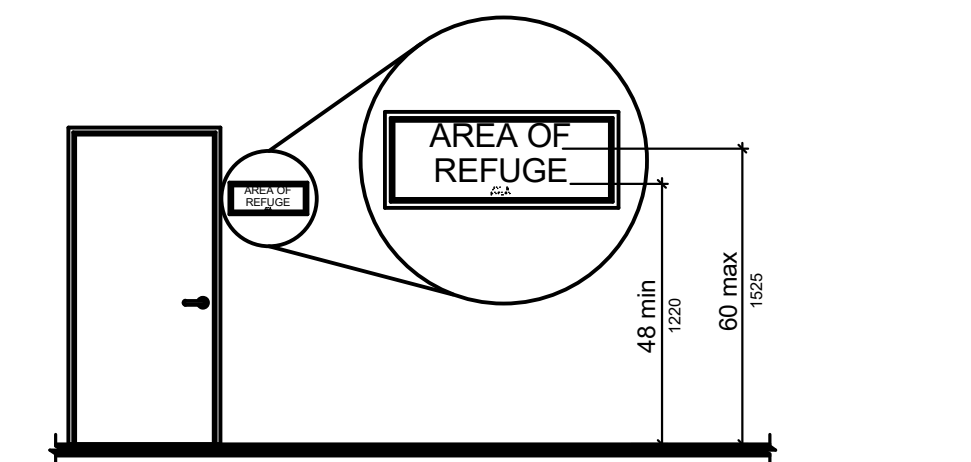
**FIGURE 305.5
POSITION OF CLEAR FLOOR
OR GROUND SPACE**



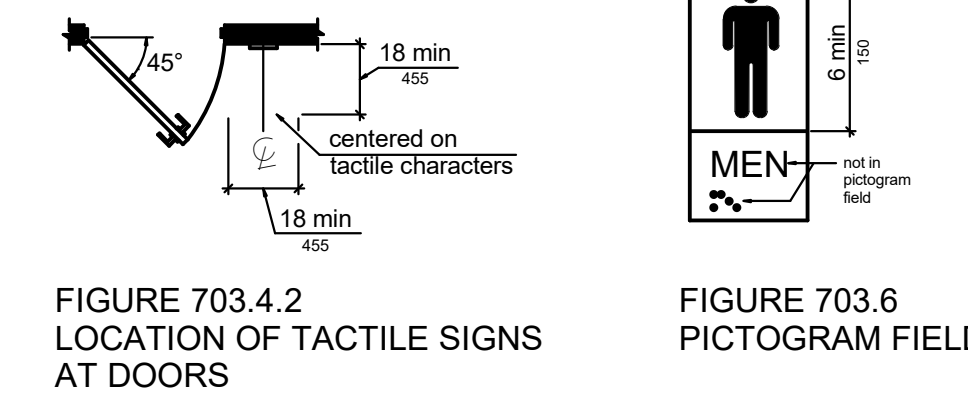
**FIGURE 703.2.5
HEIGHT OF RAISED
CHARACTERS**



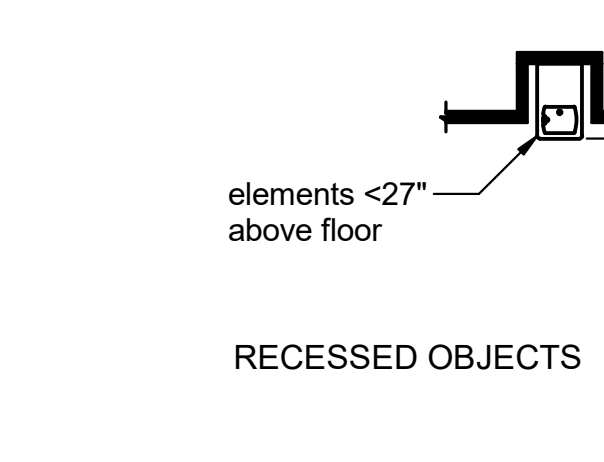
**FIGURE 703.3.2
POSITION OF BRAILLE**



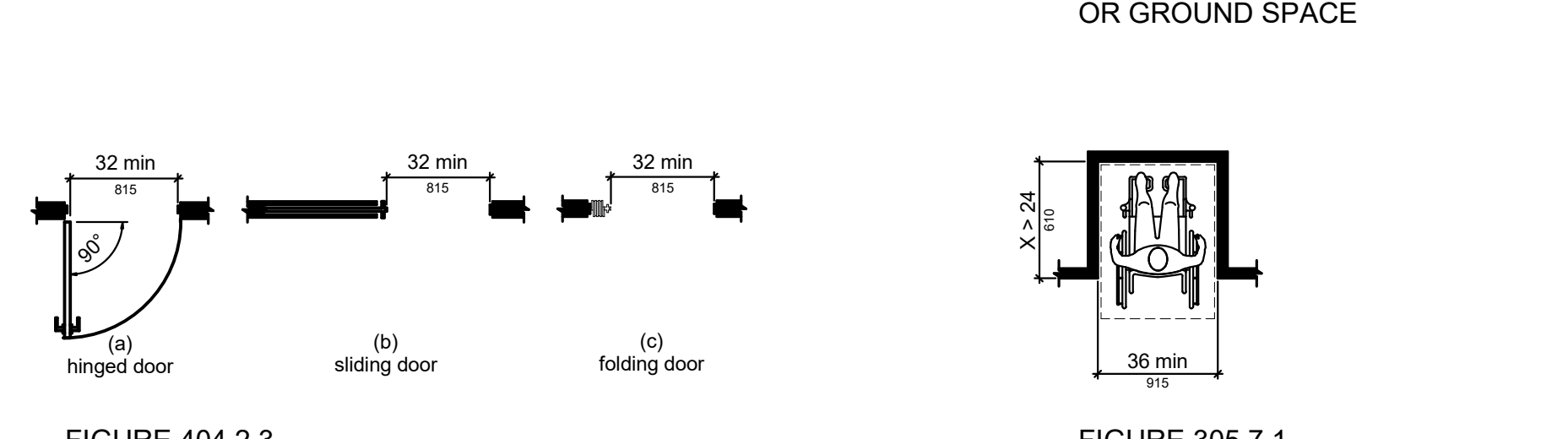
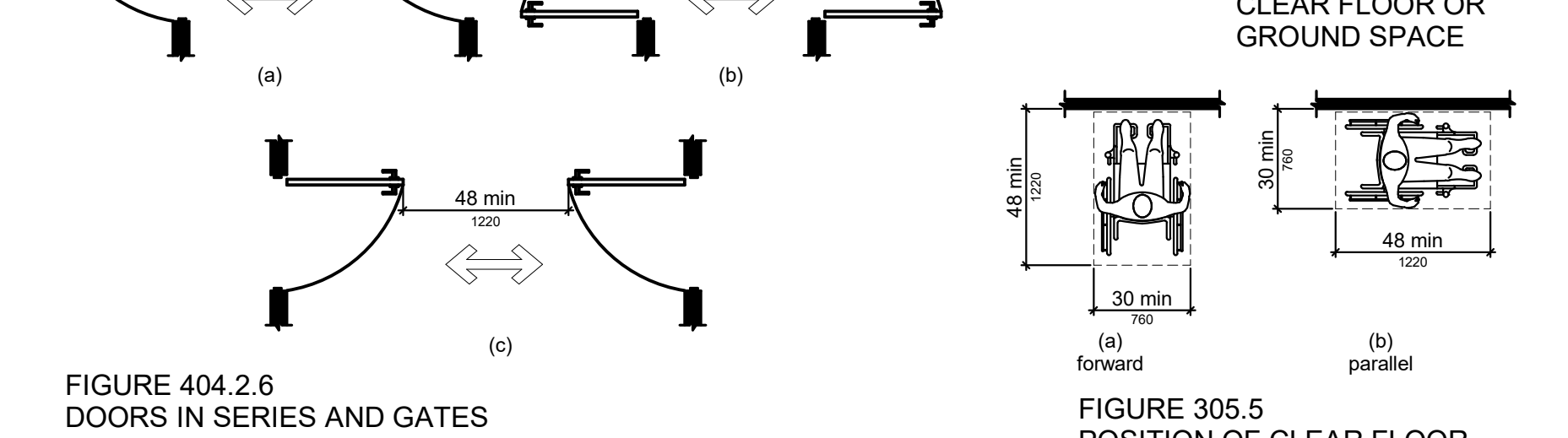
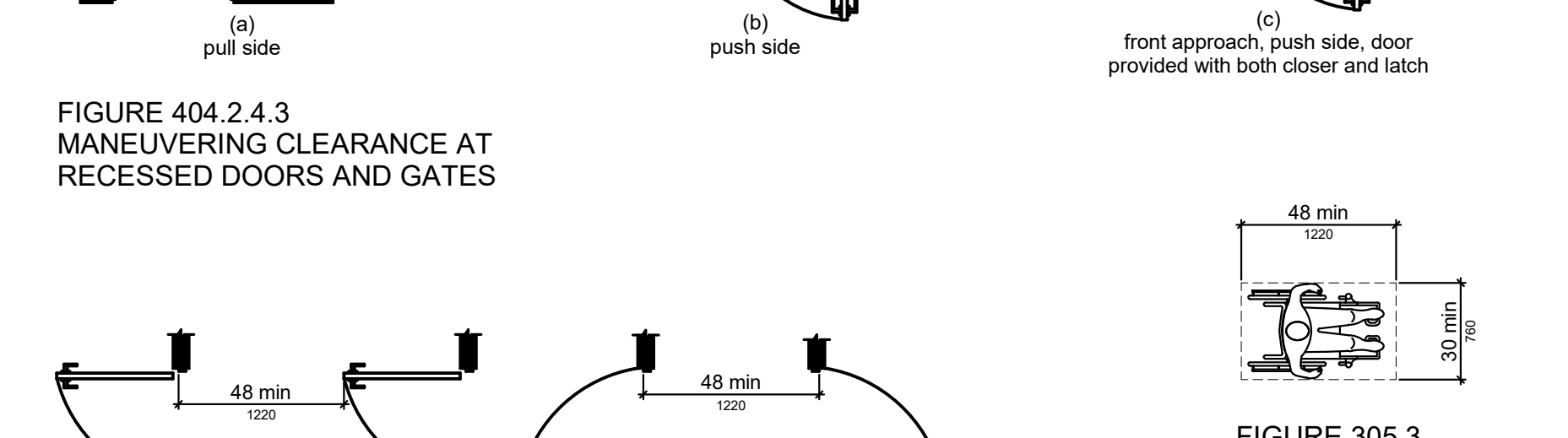
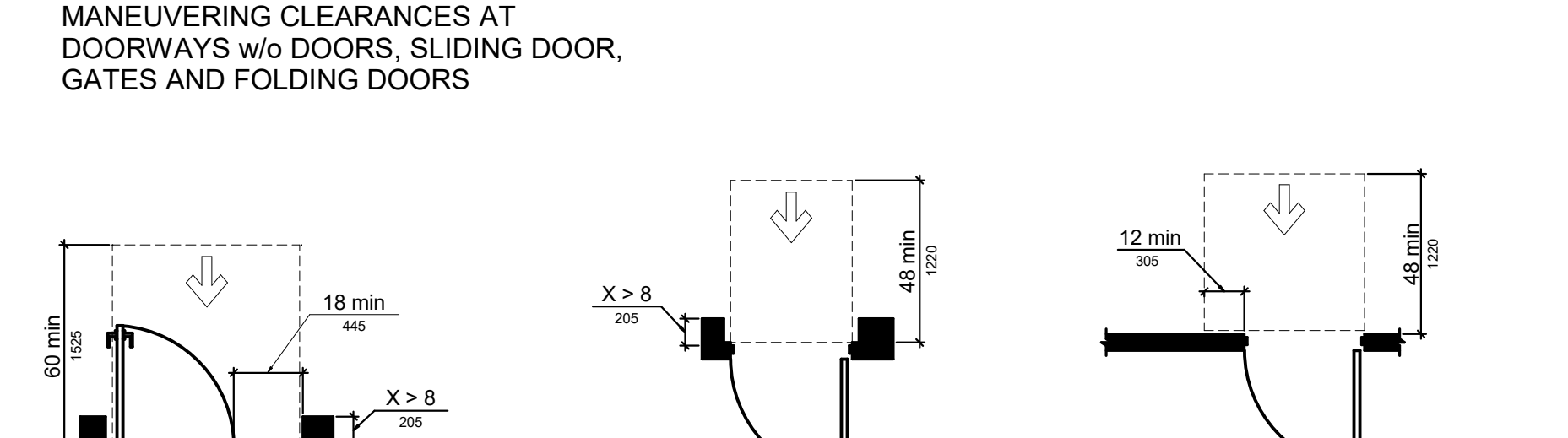
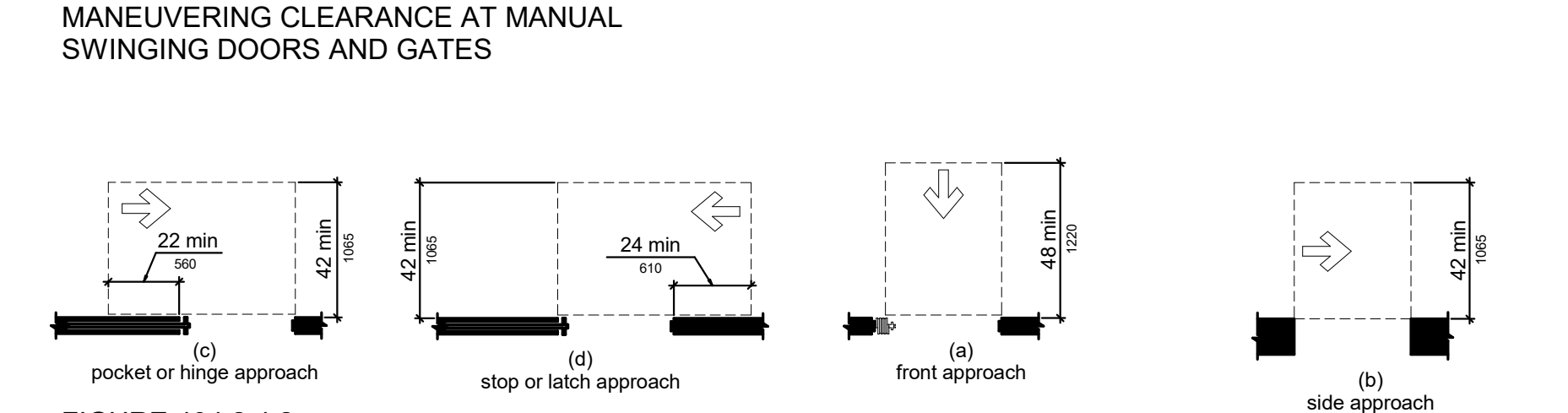
**FIGURE 703.4.1
CHARACTER HEIGHT**



**FIGURE 703.4.2
LOCATION OF TACTILE SIGNS
AT DOORS**



**FIGURE 703.6
PICTOGRAM FIELD**



**FIGURE 305.5
POSITION OF CLEAR FLOOR
OR GROUND SPACE**

No.	Date	Desc.
1		
2		
3		
4		
5		
6		

**PROGRESS
DRAWING**
1/8/2025 3:59:27 PM
NOT FOR
CONSTRUCTION

Date: 11/15/2024
Scale:

**MERCY NWA HOSPITAL
ROGERS 7TH FLOOR ICU**
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy

ACC.1

SELECTED DETAILS FROM ADA/ABA ACCESSIBILITY STANDARDS CONT.

DETAILS ARE TAKEN FROM THE 2010/2015 STANDARDS

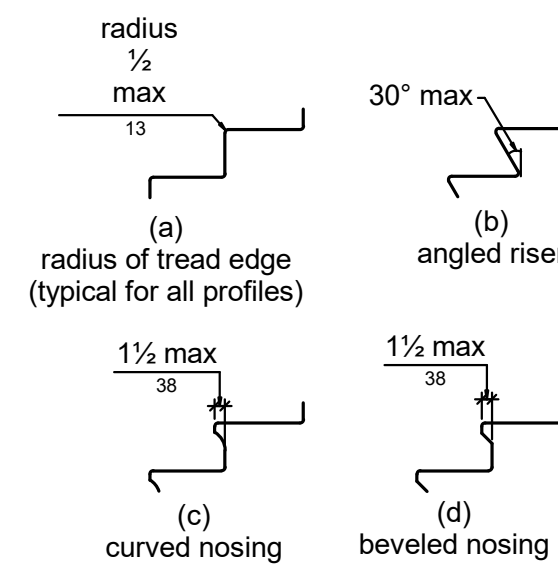


FIGURE 504.5 STAIR NOSINGS

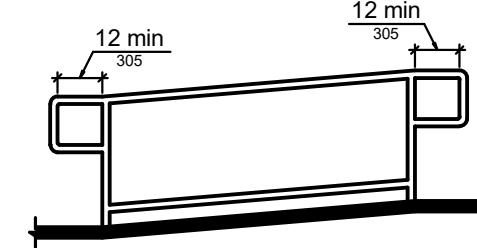


FIGURE 505.10.1 TOP AND BOTTOM HANDRAIL EXTENSION AT RAMP

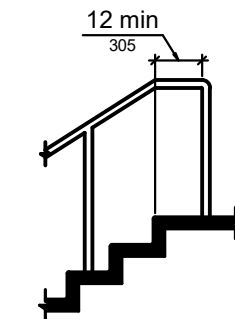
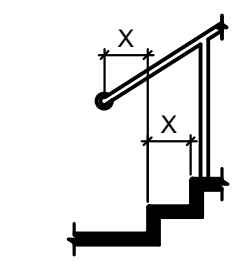


FIGURE 505.10.2 TOP HANDRAIL EXTENSION AT STAIRS



Note: X = tread depth

FIGURE 505.10.3 BOTTOM HANDRAIL EXTENSION AT STAIRS

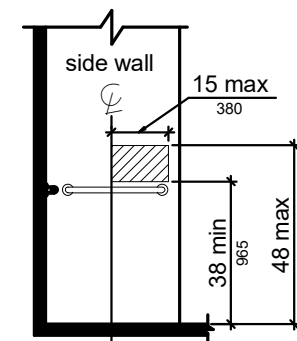


FIGURE 608.5.1 TRANSFER TYPE SHOWER COMPARTMENT CONTROL LOCATION

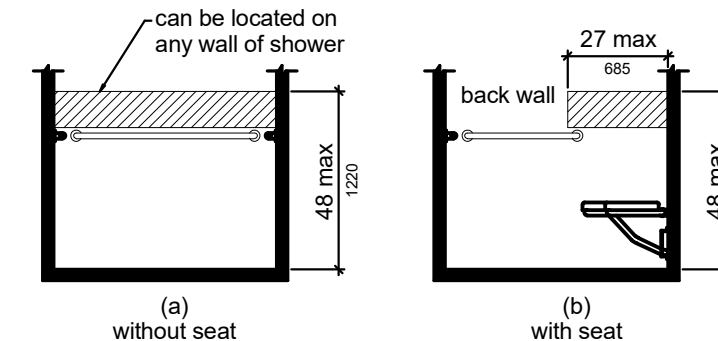


FIGURE 608.5.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

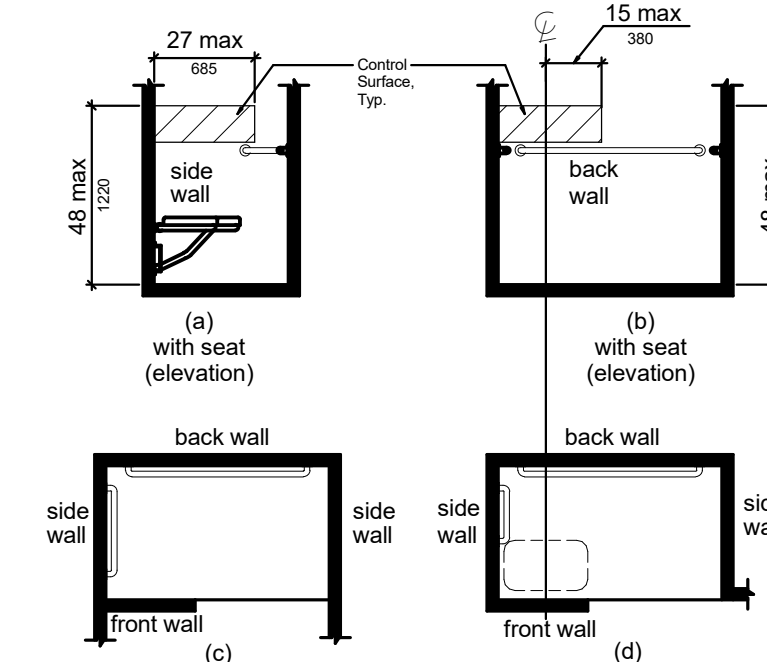


FIGURE 608.5.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

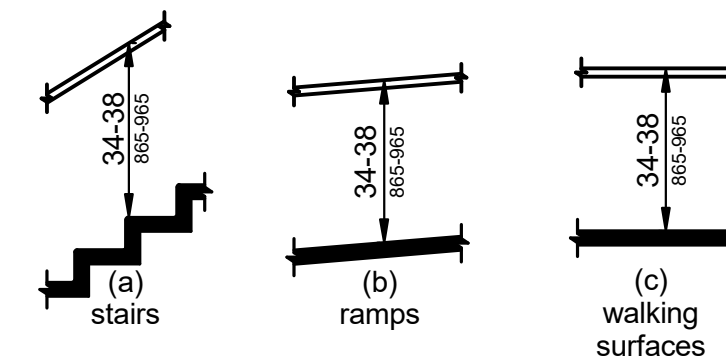


FIGURE 505.4 HANDRAIL HEIGHT

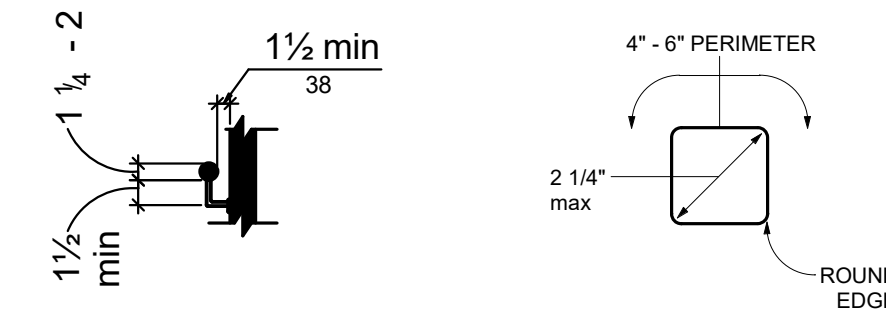


FIGURE 505.5 HANDRAIL SECTION & CLEARANCE

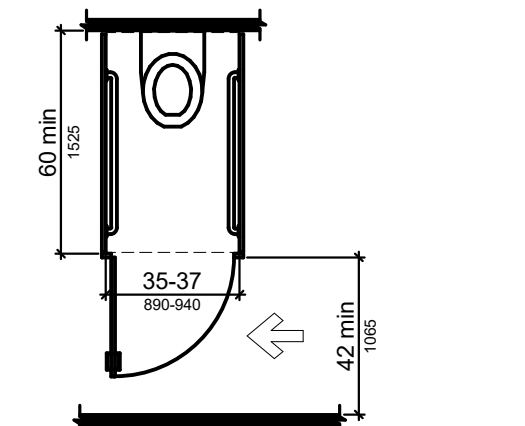


FIGURE 604.8.2 AMBULATORY ACCESSIBLE TOILET COMPARTMENT

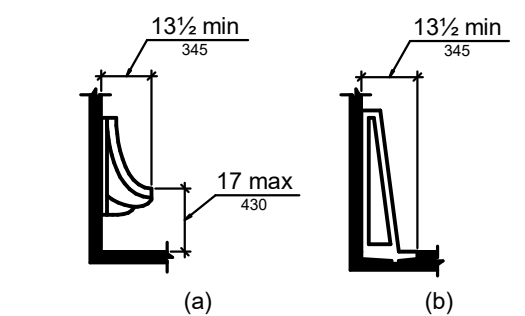


FIGURE 605.2 HEIGHT AND DEPTH OF URINAL

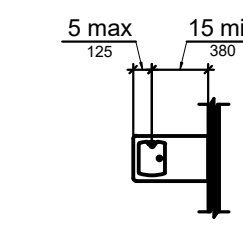


FIGURE 602.5 DRINKING FOUNTAIN SPOUT LOCATION

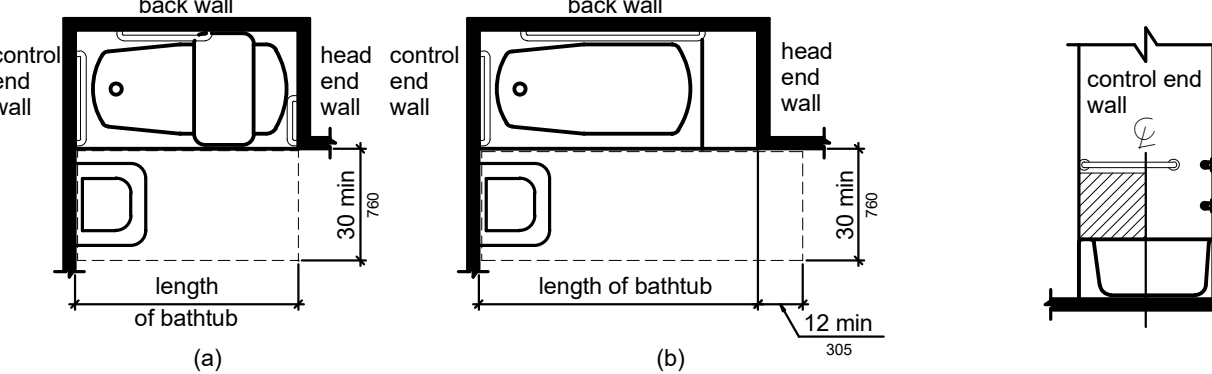


FIGURE 607.2 CLEARANCE FOR BATHTUBS

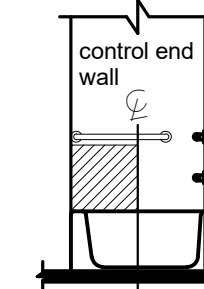


FIGURE 607.5 BATHTUB CONTROL LOCATION

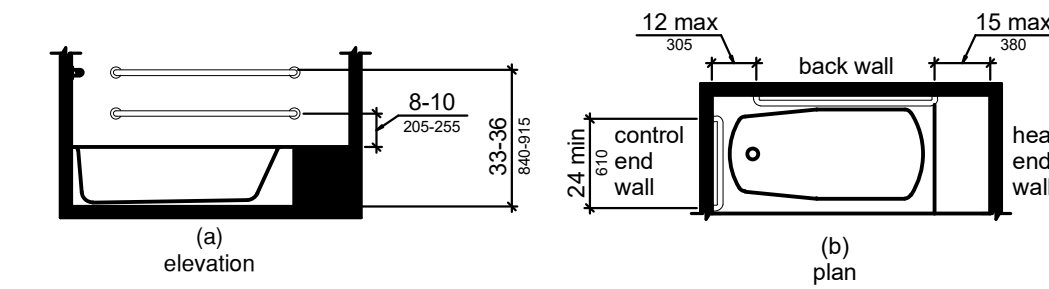


FIGURE 607.4.1 GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS

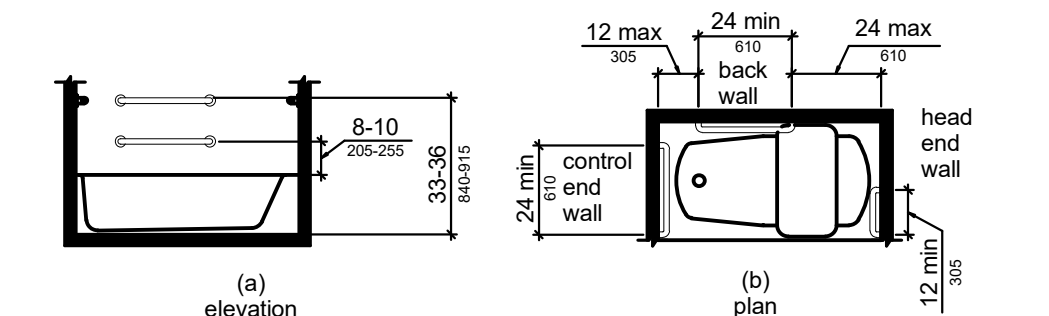


FIGURE 607.4.2 GRAB BARS FOR BATHTUBS WITH REMOVABLE IN-TUB SEATS

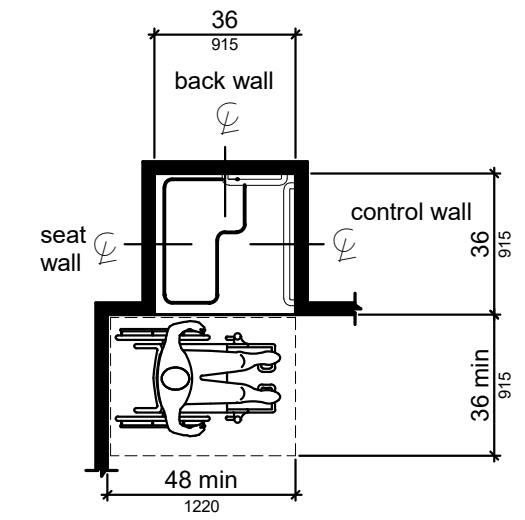


FIGURE 608.2.1 TRANSFER TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

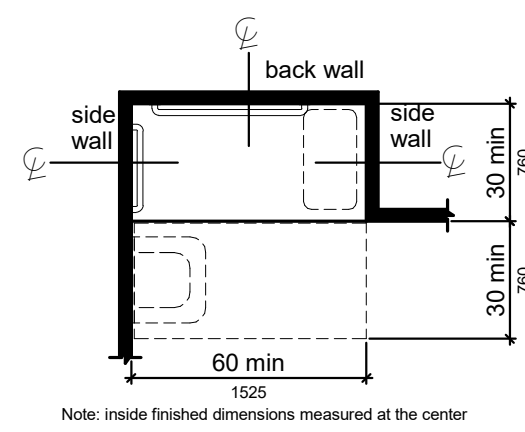


FIGURE 608.2.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

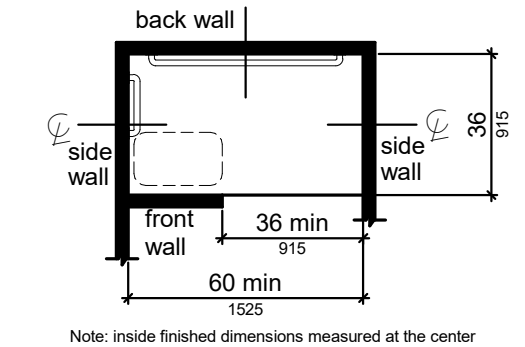


FIGURE 608.2.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

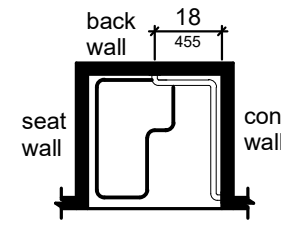


FIGURE 608.3.1 GRAB BARS FOR TRANSFER TYPE SHOWERS

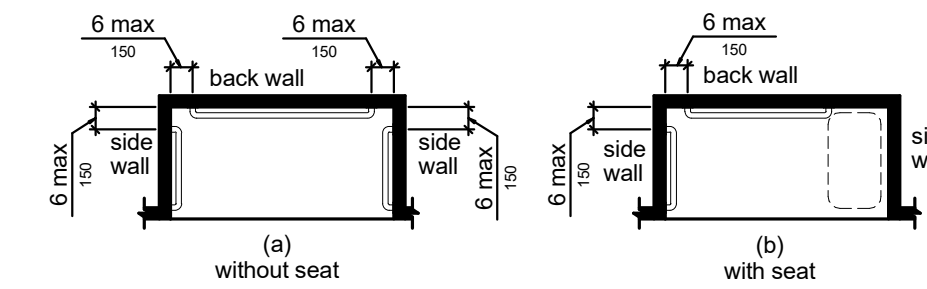


FIGURE 608.3.2 GRAB BARS FOR STANDARD ROLL-IN TYPE SHOWERS

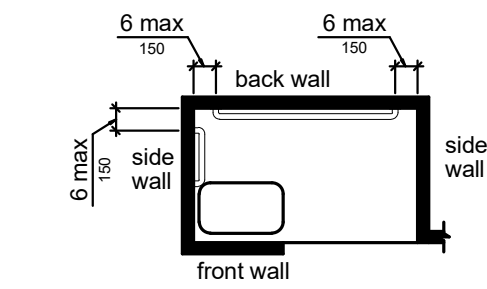


FIGURE 608.3.3 GRAB BARS FOR ALTERNATE ROLL-IN TYPE SHOWERS

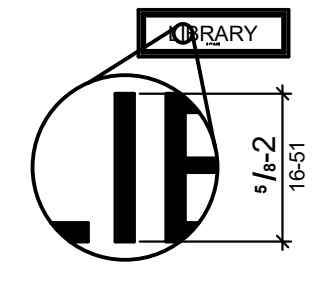


FIGURE 703.2.5 HEIGHT OF RAISED CHARACTERS

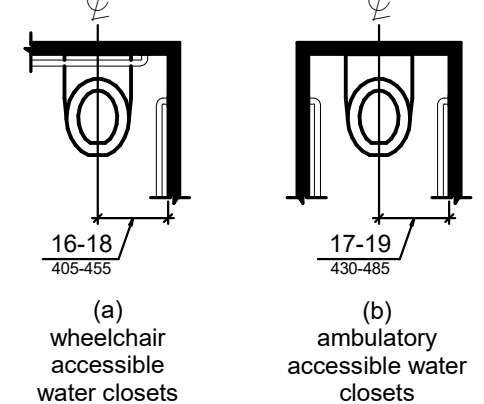


FIGURE 604.2 WATER CLOSET LOCATION

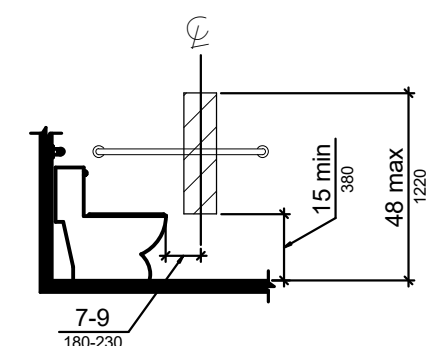


FIGURE 604.7 DISPENSER OUTLET LOCATION

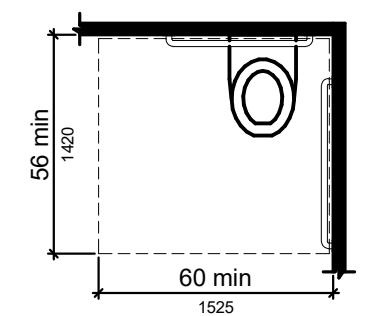


FIGURE 604.3.1 SIZE OF CLEARANCE AT WATER CLOSETS

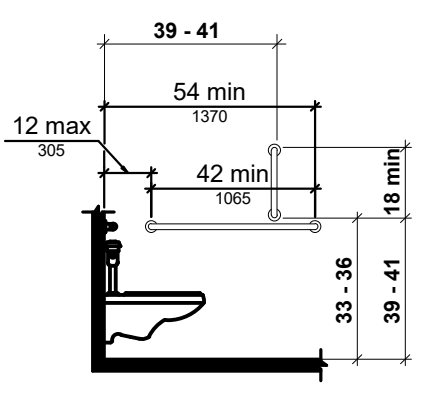


FIGURE 604.5.1 SIDE WALL GRAB BAR AT WATER CLOSETS

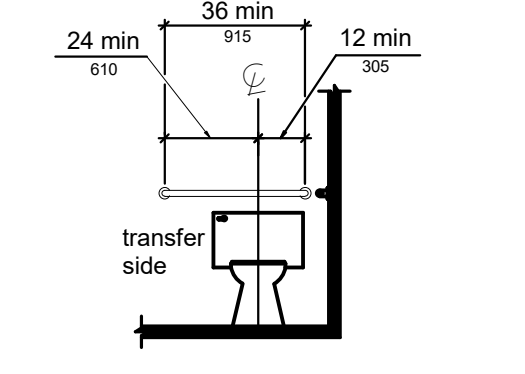


FIGURE 604.5.2 REAR WALL GRAB BAR AT WATER CLOSETS

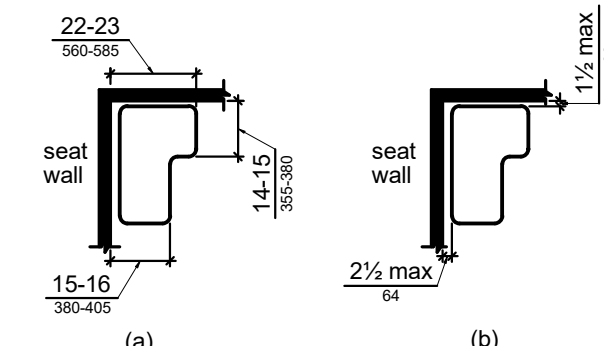


FIGURE 610.3.2 L-SHAPED SHOWER SEAT

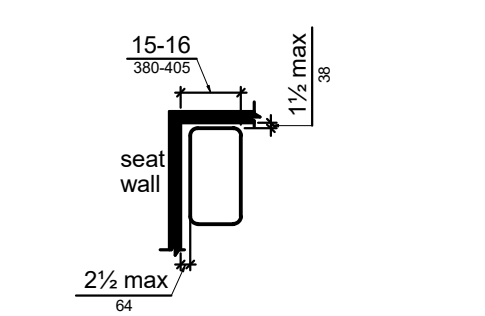
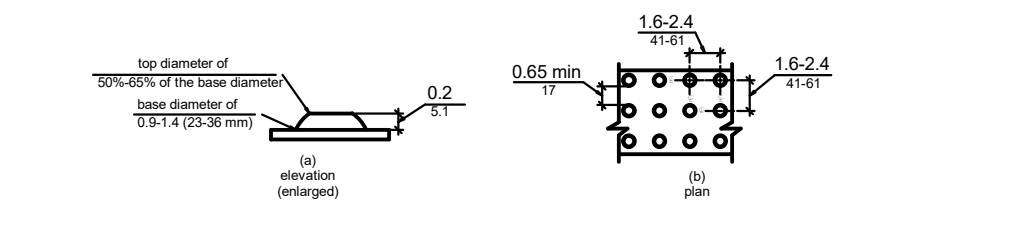


FIGURE 610.3.1 RECTANGULAR SHOWER SEAT



DETECTABLE WARNING SURFACES AT PLATFORM BOARDING EDGES SHALL BE 24 INCHES (610 mm) WIDE AND SHALL EXTEND THE FULL LENGTH OF THE PUBLIC USE AREAS OF THE PLATFORM.

FIGURE 705.1 SIZE AND SPACING OF TRUNCATED DOMES

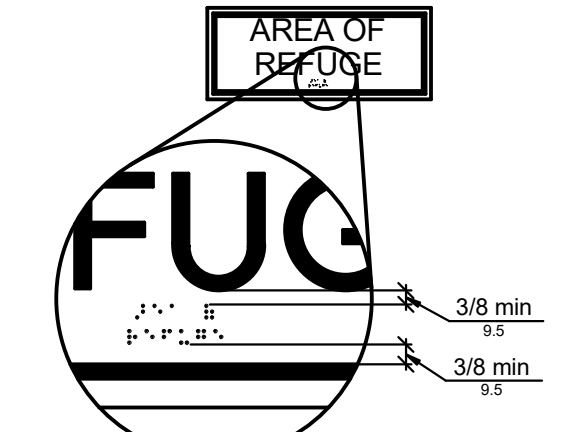


FIGURE 703.3.2 POSITION OF BRAILLE

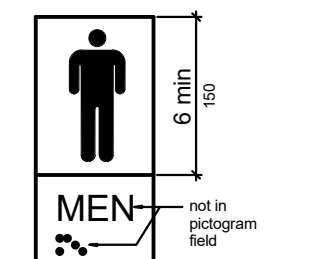


FIGURE 703.6 PICTOGRAM FIELD

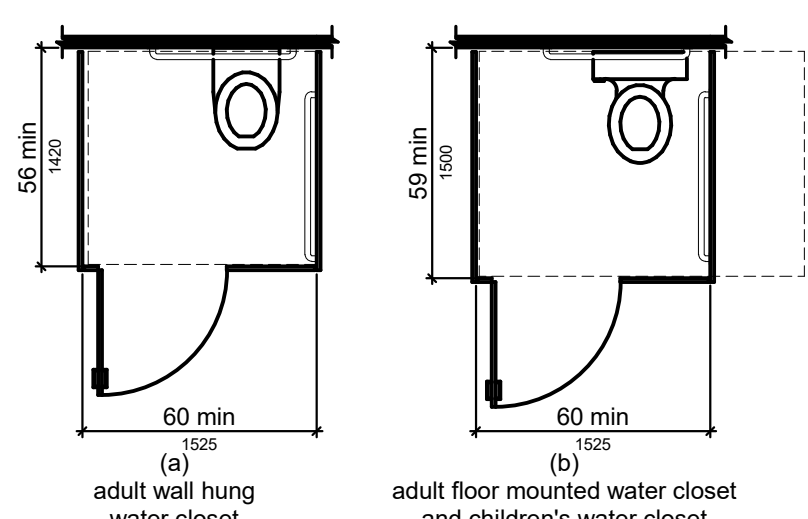


FIGURE 604.8.1.1 SIZE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT

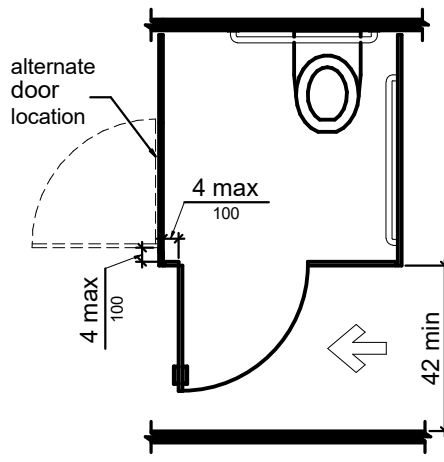


FIGURE 604.8.1.2 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS

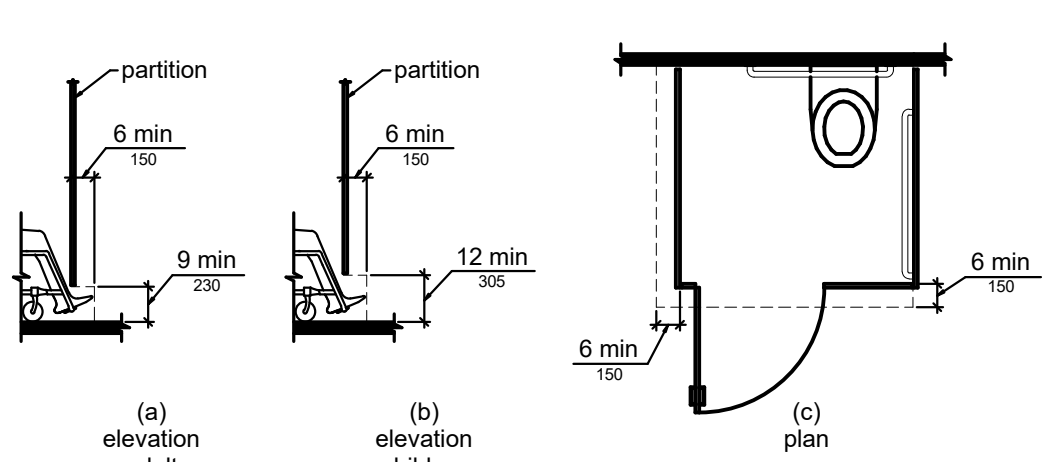


FIGURE 604.8.1.4 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

NOTE: AN ACCESSIBLE ROUTE MUST BE PROVIDED TO PROFESSIONAL OFFICES OF HEALTH CARE PROVIDERS REGARDLESS OF NUMBER OF STORIES OR FLOOR AREA

No.	Date	Desc.
1		
2		
3		
4		
5		
6		

PROGRESS DRAWING
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Date: 11/15/2024
Scale:

MERCY NWA HOSPITAL
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758



CODE INFORMATION

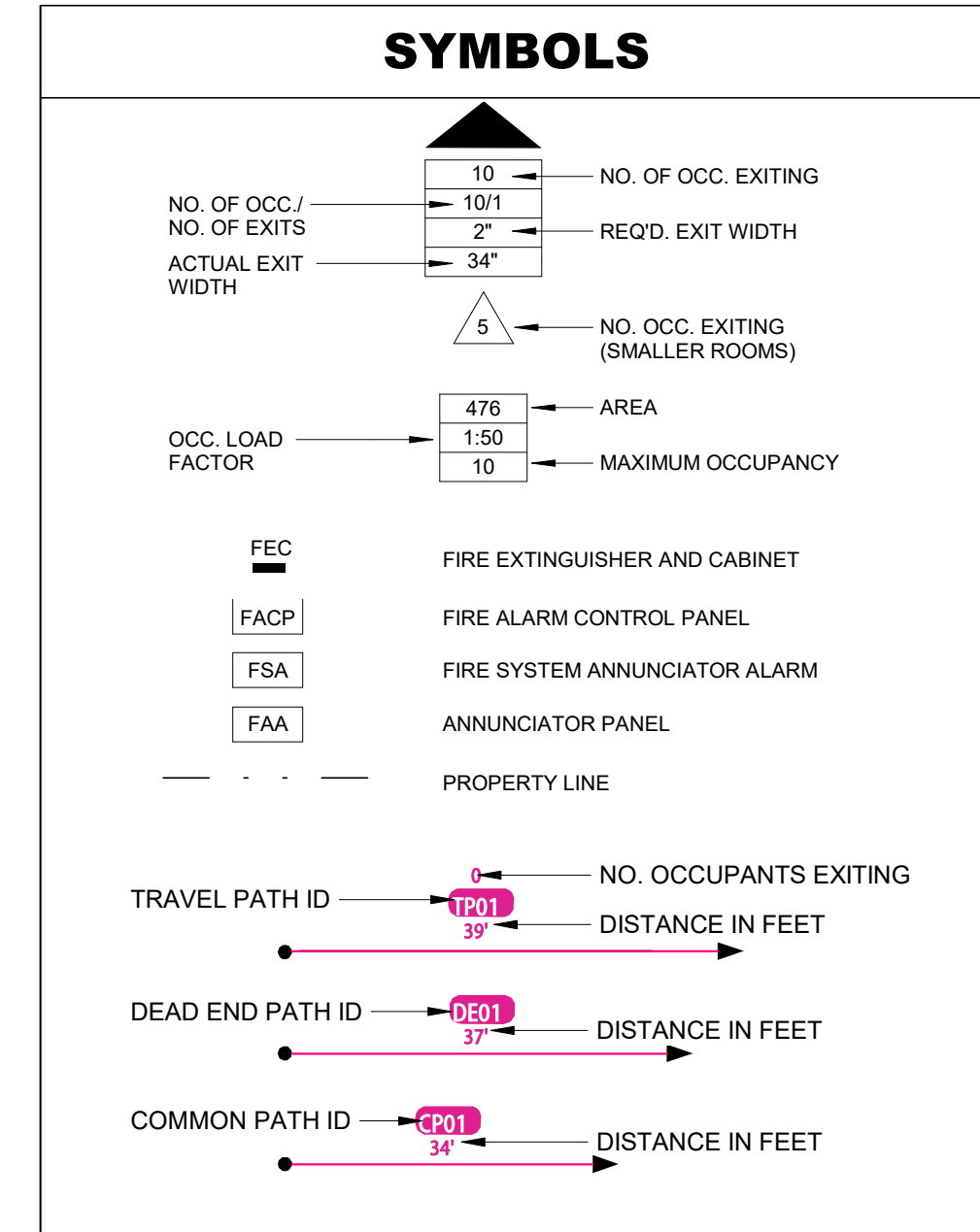
PROJECT INFORMATION:

- CONSTRUCTION PURPOSE: TENANT INFILL
- REASON FOR SUBMITTAL: NEW CONSTRUCTION
- LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: NONE
- OWNER: MERCY NORTHWEST ARKANSAS
2710 RIFE MEDICAL LANE
ROGERS, AR 72768
PH (479) 338-6000
- DATE DEVELOPED: 11/15/2024
- DESIGN TEAM:
ARCHITECT: HFG ARCHITECTURE, LLC
208 SW 8TH STREET, SUITE 206
BENTONVILLE, AR 72712
PH (479) 448-4099 (OFFICE)
CONTACT: DAVID LONGAGIN
EMAIL: david@hfgarchitecture.com
PH (479) 644 5615 (MOBILE)
CONTACT: JENNIFER LARKIN
EMAIL: jennifer@hfgarchitecture.com
DESIGN CONSULTANTS:
PROFESSIONAL ENGINEERING CONSULTANTS
1024 UTICA AVE., SUITE 1400
TULSA, OK 74104
PH (918) 664-6400
CONTACT:
JOSH BOWMAN (MECHANICAL)
EMAIL: josh.bowman@pec1.com
JESSICA BARNETT (ELECTRICAL)
EMAIL: jessica.barnett@pec1.com
- ARCHITECTS SEAL: SEE STAMP AT RIGHT
- FIRE SERVICE: CITY OF ROGERS
- INSPECTION: ROGERS FIRE DEPT. - COMMUNITY RISK REDUCTION DIVISION
- WATER SUPPLY: CITY OF ROGERS
- SEWAGE TREATMENT: CITY OF ROGERS

LEGEND	
1 HOUR FIRE BARRIER	[Red Line]
2 HOUR FIRE BARRIER	[Blue Line]
SMOKE BARRIER	[Dotted Line]
2 HOUR FIRE AND SMOKE BARRIER	[Blue Dotted Line]
SUITE BOUNDARY (NON-RATED)	[Green Line]
BARRIER IDENTIFICATION	[Green Circle]
NON-SPRINKLERED AREA	[Green Square]
HAZARDOUS AREA	[Orange Square]
SMOKE COMPARTMENT DESIGNATION	SC#
SUITE DESIGNATION	S#
SHAFT LOCATIONS	[Square with X]
EXIT LOCATION	[Red Arrow]
EXIT STAIR/ PASSAGEWAY	[Yellow Arrow]
CORRIDOR (NON-RATED SMOKE PART.)	[Red Dotted Line]
UNDER CONSTRUCTION	[Red Hatched]

CODE REVIEW - ARKANSAS FIRE PREVENTION CODE (AFPC) AND NFPA

Code Study		Mercy NWA - 7th Floor ICU	
Governing Codes	Miscellaneous Codes	State of AR - AFPC (IBC Equivalent)	NFPA
ANSI 2017, A117.1	ADA, 2010	AFPC Vol. II, 2021 (IBC/IFC 2021)	NFPA 101 - 2021
FGI, 2022		AFPC Vol. I, 2021 (IFC 2021)	NFPA 99 - 2018
		AR State Fuel and Gas Code, 2018	NFPA 70, NEC 2020
		AR State Mech. Code, 2021 (IMC 2021)	NFPA 5000 - 2021
		AR Energy Code (IECC 2009)	
		AR State Plumb. Code, 2018 (IPC 2018)	
Sprinkler	Yes		
Occupancy Type	I-2	AFPC Vol. II, 304.1	Healthcare NFPA 101, New Healthcare; Chapter 18
Allowable Limits & Increase		AFPC (IBC)	NFPA
Height	Unlimited	AFPC Vol. II, Table 504.3	Unlimited NFPA 5000 - Table 7.4.1
Number of Stories	Unlimited	AFPC Vol. II, Table 504.4	Unlimited NFPA 5000 - Table 7.4.1
I-2 / Healthcare Area (SF)	Unlimited	AFPC Vol. II, Table 506.2	Unlimited NFPA 5000 - Table 7.4.1
Actual Condition			
Height	127 ft		
Number of Stories	8		
Entire 7th Floor Area	60,512 sqft		
Construction Type		AFPC Vol. II, Table 601	NFPA 5000 - Table 7.2.1.1
Construction Type	Rating in hours	IA (Reduced to IB per 403.2.1.1 except primary frame)	II(332) (reduced to II(222) except primary frame)
Primary structural frame	3-Hour		3-Hour
Bearing walls			
Exterior	2-Hour		2-Hour
Interior	2-Hour		2-Hour
Nonbearing walls & partitions			
Exterior	0-Hour		0-Hour
Interior	0-Hour		0-Hour
Floor Construction & associated secondary members	2-Hour		2-Hour
Roof Construction & associated secondary members	1-Hour		1-Hour
Rating at med-gas room	1-Hr walls and doors		NFPA 99 - 5.1.3.3.2(4)
Ventilation at med-gas room	(2) vents; 1 high, 1 low	AFPC Vol. I, 5306.2.1	
Incidental Use/Hazardous Area Protection			
Laboratory in I-2/Healthcare (not fully sprinkled)	1-HR	AFPC Vol. II, Table 509	0-HR NFPA 101, Table 18.3.2.1
Maintenance Shop in I-2/Healthcare	1-HR	AFPC Vol. II, Table 509	1-HR NFPA 101, Table 18.3.2.1
Laundry Room in I-2/Healthcare	1-HR (if > 100 sqft)	AFPC Vol. II, Table 509	1-HR (if > 100 sqft) NFPA 101, Table 18.3.2.1
Soiled holding/storage in I-2/Healthcare	1-HR (if > 100 sqft)	AFPC Vol. II, Table 509	1-HR (if > 100 sqft) NFPA 101, Table 18.3.2.1
Exit access travel distance	200 ft Max.	AFPC Vol. II, Table 1017.2	200 ft Max. NFPA 101 - 18.2.6.2.1
Corridor Fire Resistance	0-HR	AFPC Vol. II, Table 1020.2	0-HR NFPA 101 - 18.3.6.2.2
Corridor Minimum Widths			
Group I-2 in areas not intended for inpatients	44 inches	AFPC Vol. II, Table 1020.3	44 inches NFPA 101 - 18.2.3.4(1)
Group I-2 in areas intended for inpatients/bed movement	96 inches	AFPC Vol. II, Table 1020.3	96 inches NFPA 101 - 18.2.3.4
Common path of travel	75 ft Max.	AFPC, Vol. II, Table 1006.2.1	100 ft Max. NFPA 101 - 18.2.5.2



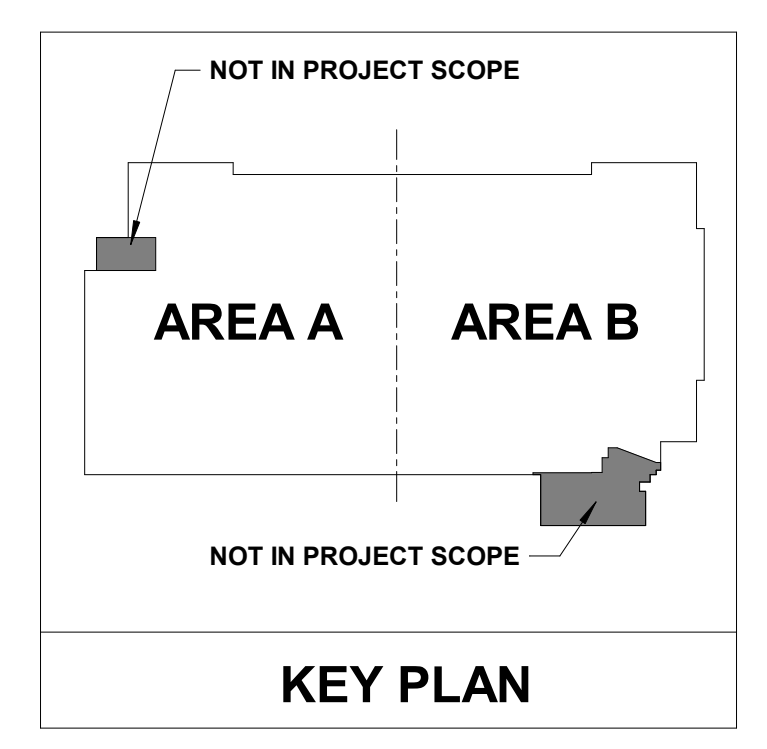
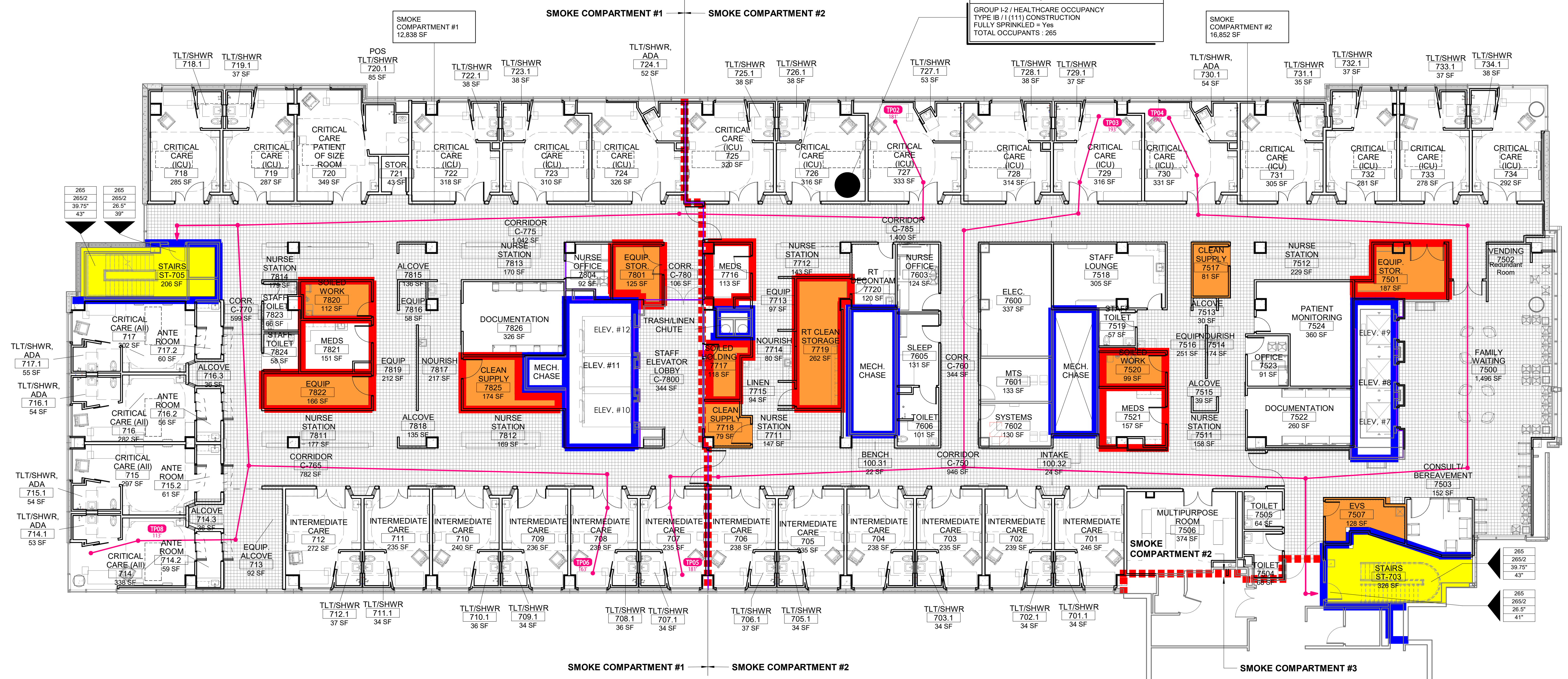
TRAVEL PATH...

PATH	DISTANCE
TP02	181' - 2"
TP03	193' - 5"
TP04	189' - 11"
TP05	180' - 11"
TP06	162' - 7"
TP08	112' - 9"

REFUGE AREA - SMOKE COMPARTMENT # 1
32 PATIENTS X 30 SF/PATIENT = 960 SF
204 STAFF/MISC. OCCUPANTS X 6 SF/PERSON = 1,224 SF
TOTAL AREA REQUIRED = 2,184 SF
TOTAL CORRIDOR SF = 4,453 SF

REFUGE AREA - SMOKE COMPARTMENT # 2
32 PATIENTS X 30 SF/PATIENT = 960 SF
204 STAFF/MISC. OCCUPANTS X 6 SF/PERSON = 1,224 SF
TOTAL AREA REQUIRED = 2,184 SF
TOTAL CORRIDOR SF = 6,260 SF

OCCUPANCY 1 : 29,163 SF
GROUP I-2 / HEALTHCARE OCCUPANCY TYPE (B / I) (111) CONSTRUCTION FULLY SPRINKLED = Yes
TOTAL OCCUPANTS : 265



⊕ Z A LIFE SAFETY PLAN
3/32" = 1'-0"

0' 8' 16' 32'
3/32" = 1'

No.	Date	Description

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Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758



7TH FLOOR
LS-01

No.	Date	Description

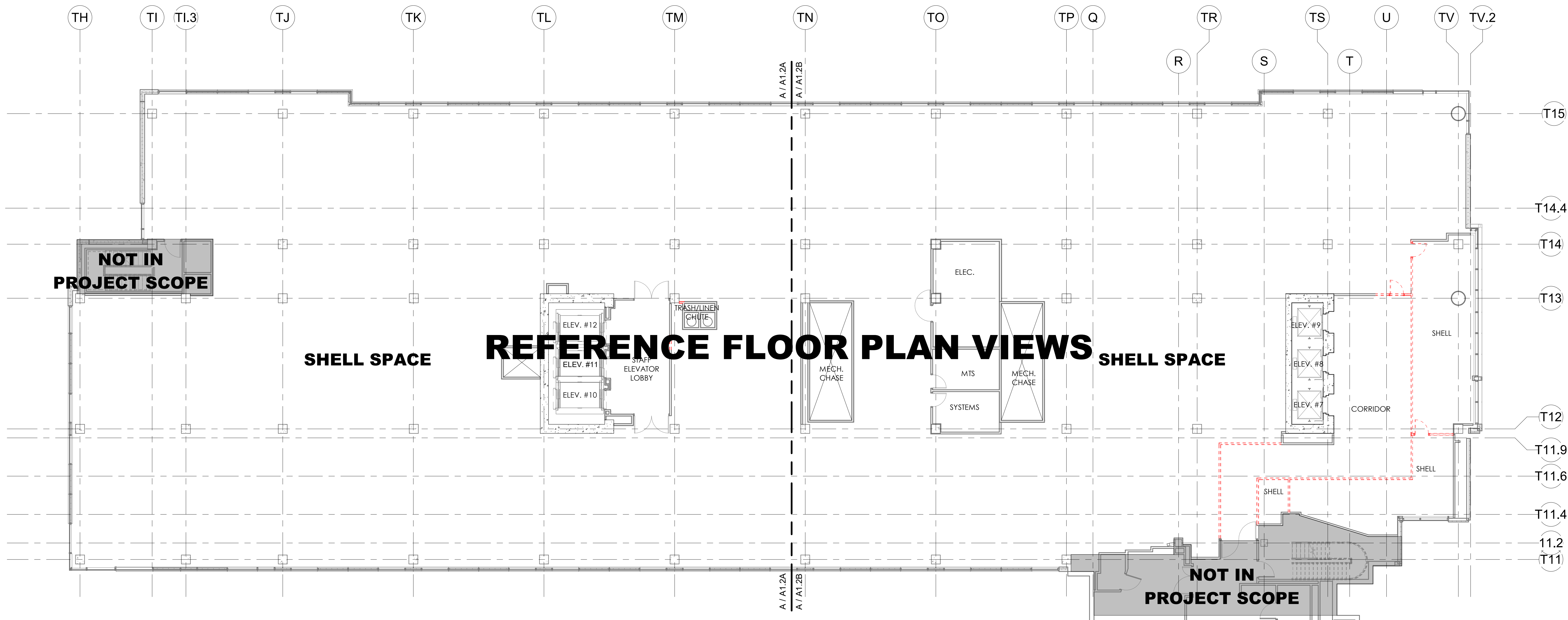
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR OVERALL DEMO PLAN



Floor No: 7TH FLOOR
Sheet No: **D1.1**



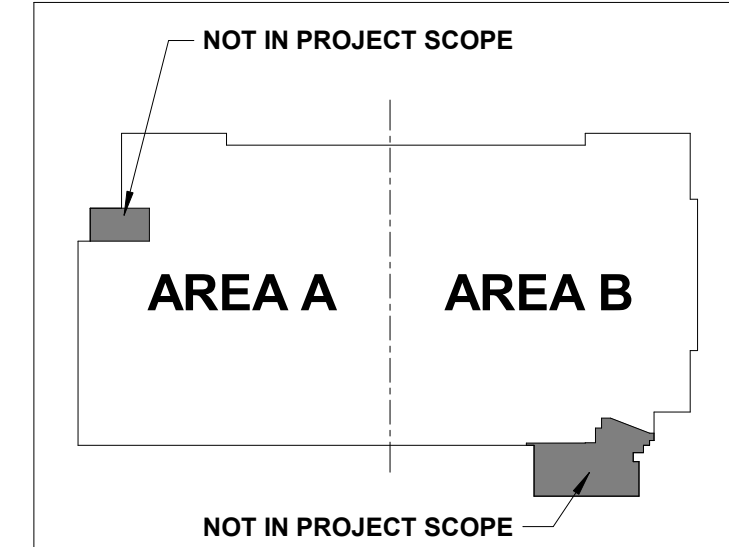
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SHELL SPACE

REFERENCE FLOOR PLAN VIEWS

SHELL SPACE

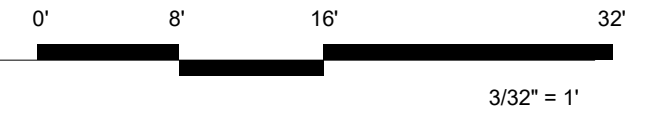
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KEY PLAN

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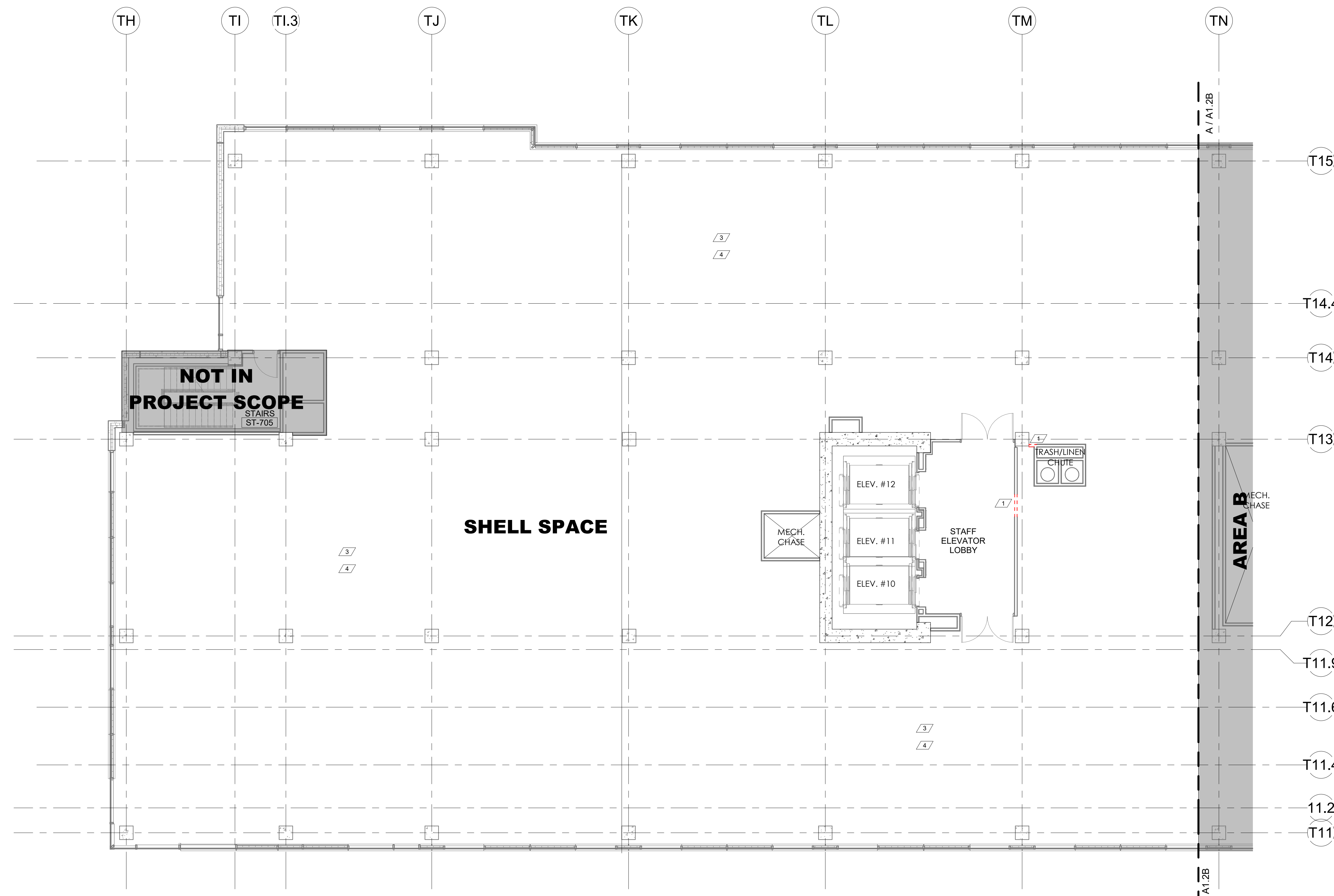
7TH FLOOR DEMOLITION PLAN - OVERALL
3/32" = 1'-0"



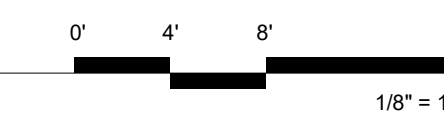
DEMO LEGEND	
WALL	
DOOR	
CEILING AND GRID	

PLAN NOTES - DEMO	
1	REMOVE WALL
2	REMOVE DOOR AND FRAME. RETURN DOOR TO OWNER
3	REMOVE FIRE ALARM OR SMOKE ALARMS - REF. ELEC.
4	REMOVE SECURITY CAMERAS THROUGHOUT SHELL SPACE & RETURN TO OWNER - REF. ELEC.
5	REMOVE GYP BD. FROM METAL STUD FRAMING - METAL STUD FRAMING TO REMAIN - PREP FOR INSTALLATION OF TILE BACKER BOARD OVER EXIST' METAL STUD FRAMING DURING CONSTRUCTION

GENERAL NOTES:
1. REFERENCE MEP DRAWINGS FOR DEMOLITION NOT INDICATED ON THIS SHEET OR ADDITIONAL DEMOLITION INFORMATION FOR ANY MEP ITEMS INDICATED ON THIS SHEET.



7TH FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"



KEY PLAN

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Architect Logo

No.	Date	Description

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NOT FOR CONSTRUCTION

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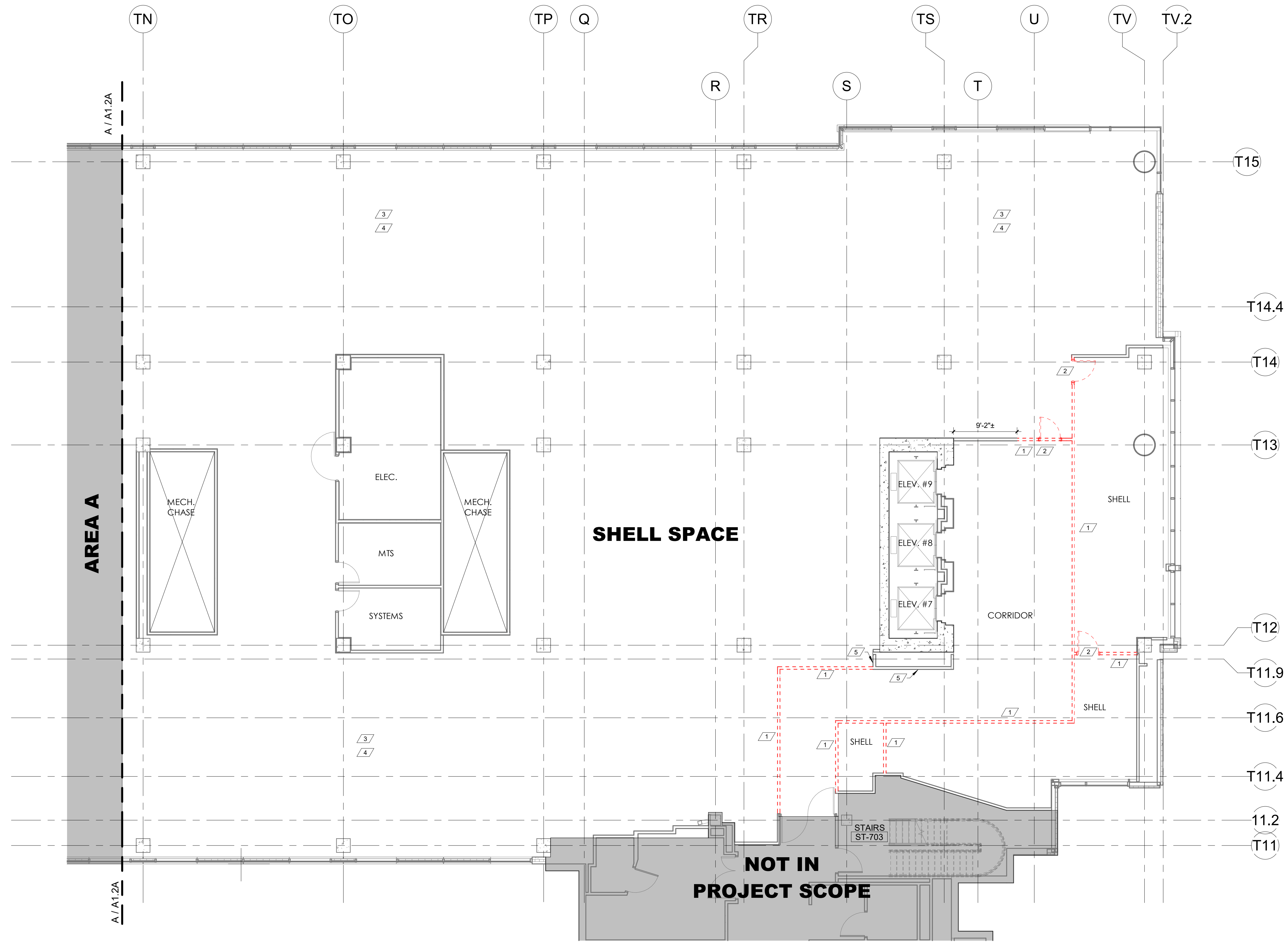
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLAN - DEMO - AREA A



7TH FLOOR
D1.1A

PLAN NOTES - DEMO	
1	REMOVE WALL
2	REMOVE DOOR AND FRAME. RETURN DOOR TO OWNER
3	REMOVE FIRE ALARM OR SMOKE ALARMS - REF ELEC
4	REMOVE SECURITY CAMERAS THROUGHOUT SHELL SPACE & RETURN TO OWNER - REF ELEC
5	REMOVE OVP ISO FROM METAL STUD FRAMING - METAL STUD FRAMING TO REMAIN - PREP FOR INSTALLATION OF TILE BACKER BOARD OVER EXIST METAL STUD FRAMING DURING CONSTRUCTION

GENERAL NOTES:
 1. REFERENCE MEP DRAWINGS FOR DEMOLITION NOT INDICATED ON THIS SHEET OR ADDITIONAL DEMOLITION INFORMATION FOR ANY MEP ITEMS INDICATED ON THIS SHEET.



⊕ z (A) 7TH FLOOR DEMOLITION PLAN - AREA B
 1/8" = 1'-0"

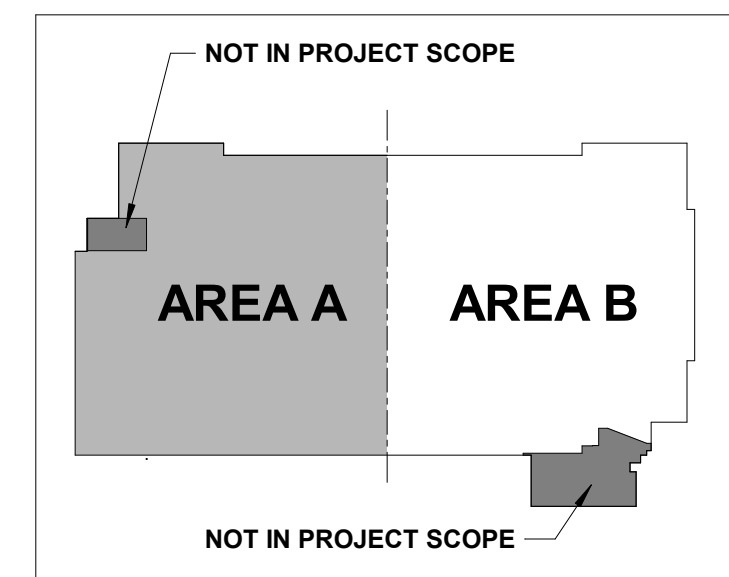
0' 4' 8' 16'
 1/8" = 1'-0"

No.	Date	Description

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 Date: 11/13/2024
 Scale: As indicated

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: 7TH FLOOR PLAN - DEMO - AREA B



KEY PLAN
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Floor No: 7TH FLOOR
 Sheet No: **D1.1B**

No.	Date	Description

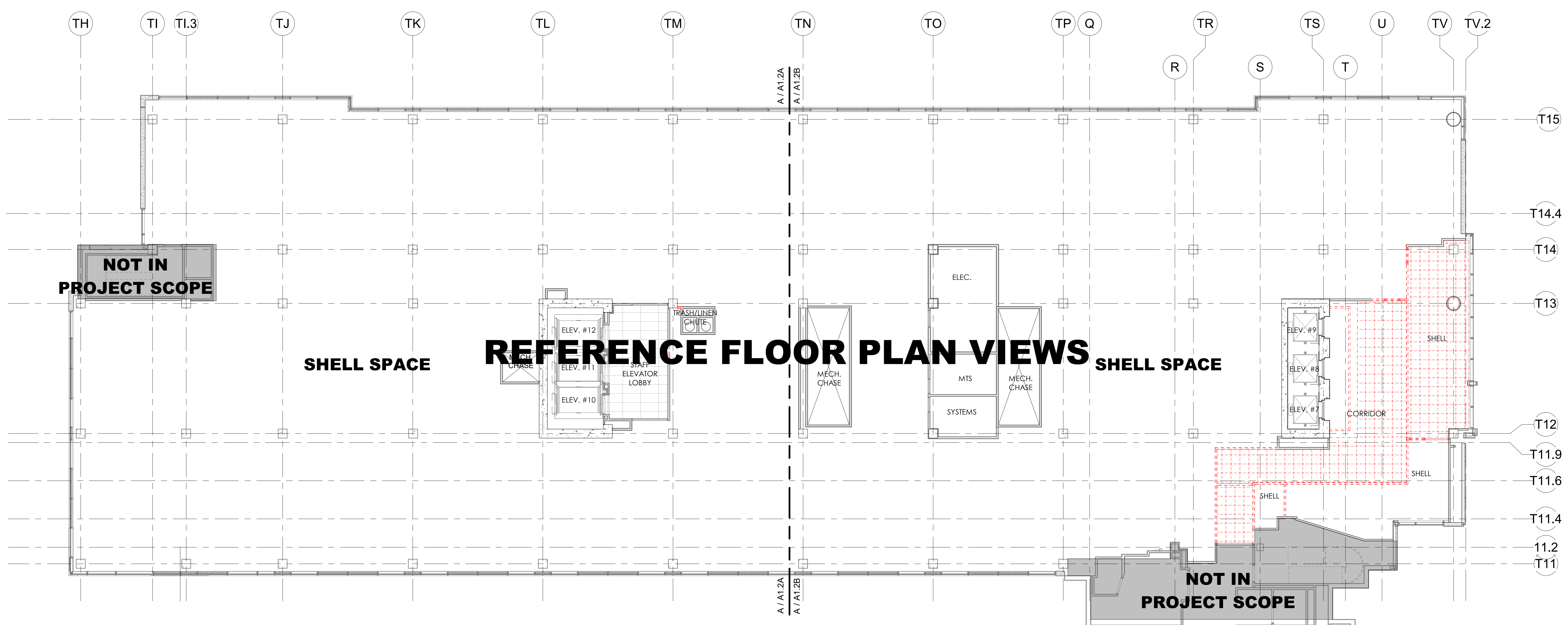
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 NOT FOR CONSTRUCTION

Building No.: 1388
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR OVERALL DEMO REFLECTED CEILING PLAN



Floor No:
7TH FLOOR
 Sheet No:
D1.2



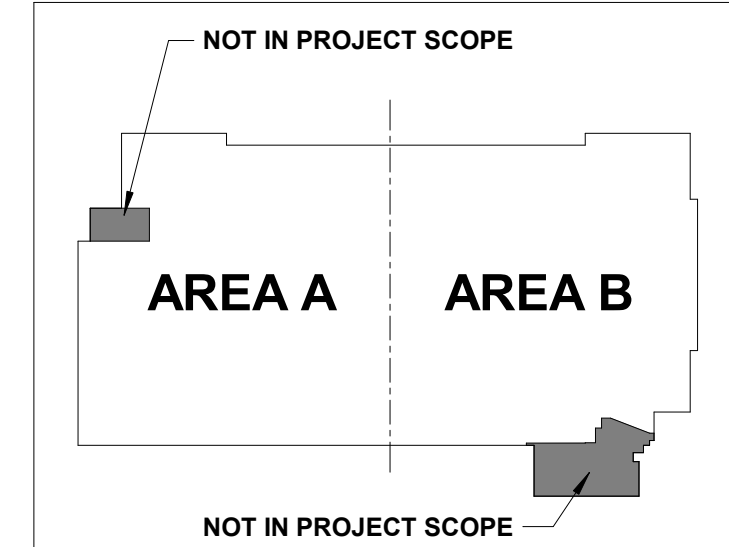
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SHELL SPACE

REFERENCE FLOOR PLAN VIEWS

SHELL SPACE

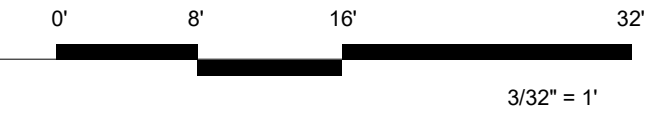
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KEY PLAN

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REFLECTED CEILING DEMOLITION PLAN - OVERALL
 3/32" = 1'-0"



PLAN NOTES - DEMO RCP	
50	REMOVE CEILING
51	REMOVE EXISTING LIGHTING. RETURN TO OWNER - REF. ELEC.
52	REMOVE EXISTING DIFFUSERS. RETURN TO OWNER - REF. MECH.

GENERAL NOTES:
 1. REFERENCE MEP DRAWINGS FOR DEMOLITION NOT INDICATED ON THIS SHEET OR ADDITIONAL DEMOLITION INFORMATION FOR ANY MEP ITEMS INDICATED ON THIS SHEET.

Architect Logo

No.	Date	Description

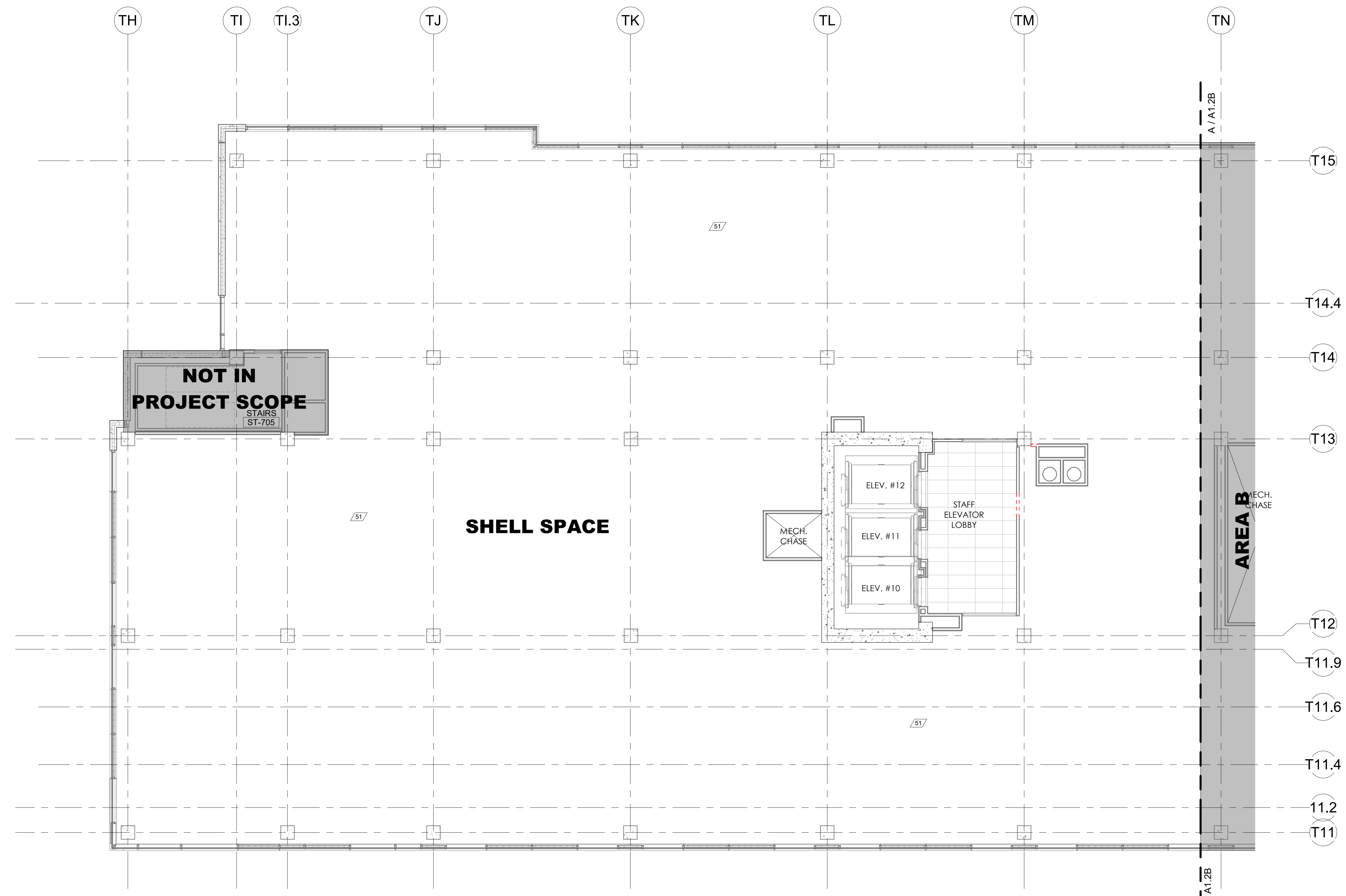
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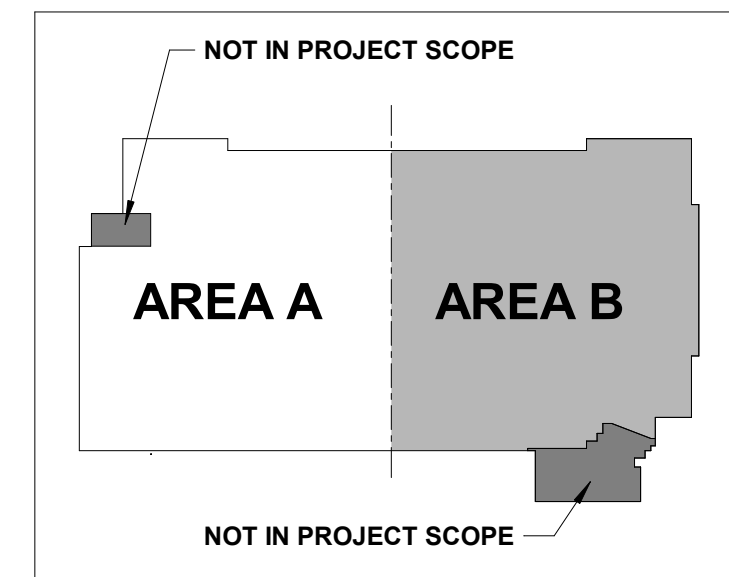
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR REFLECTED CEILING PLAN - DEMO - AREA A



Floor No.: 7TH FLOOR
 Sheet No.: **D1.2A**



REFLECTED CEILING DEMOLITION PLAN - AREA A
 1/8" = 1'-0"



KEY PLAN
 *THIS SHEET IS INTENDED TO BE PRINTED IN COLOR

PLAN NOTES - DEMO RCP	
50	REMOVE CEILING
51	REMOVE EXISTING LIGHTING. RETURN TO OWNER - REF. ELEC.
52	REMOVE EXISTING DIFFUSERS. RETURN TO OWNER - REF. MECH.

GENERAL NOTES:
 1. REFERENCE MEP DRAWINGS FOR DEMOLITION NOT INDICATED ON THIS SHEET OR ADDITIONAL DEMOLITION INFORMATION FOR ANY MEP ITEMS INDICATED ON THIS SHEET.

Architect Logo

No.	Date	Description

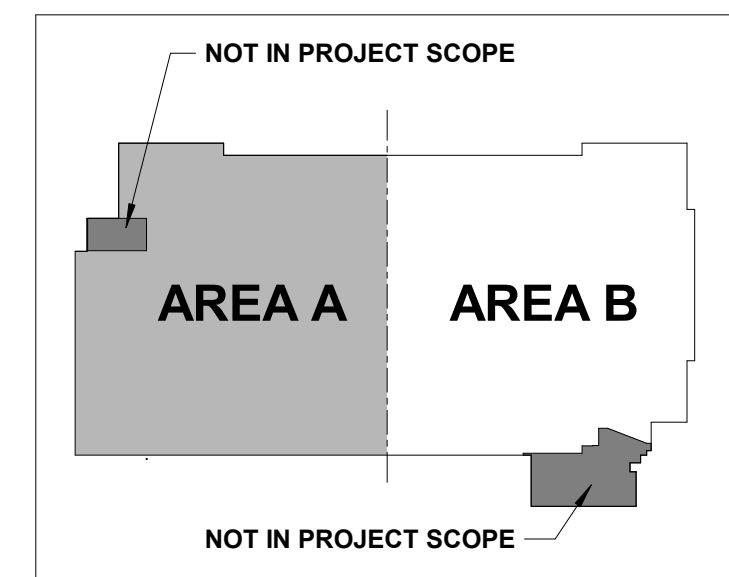
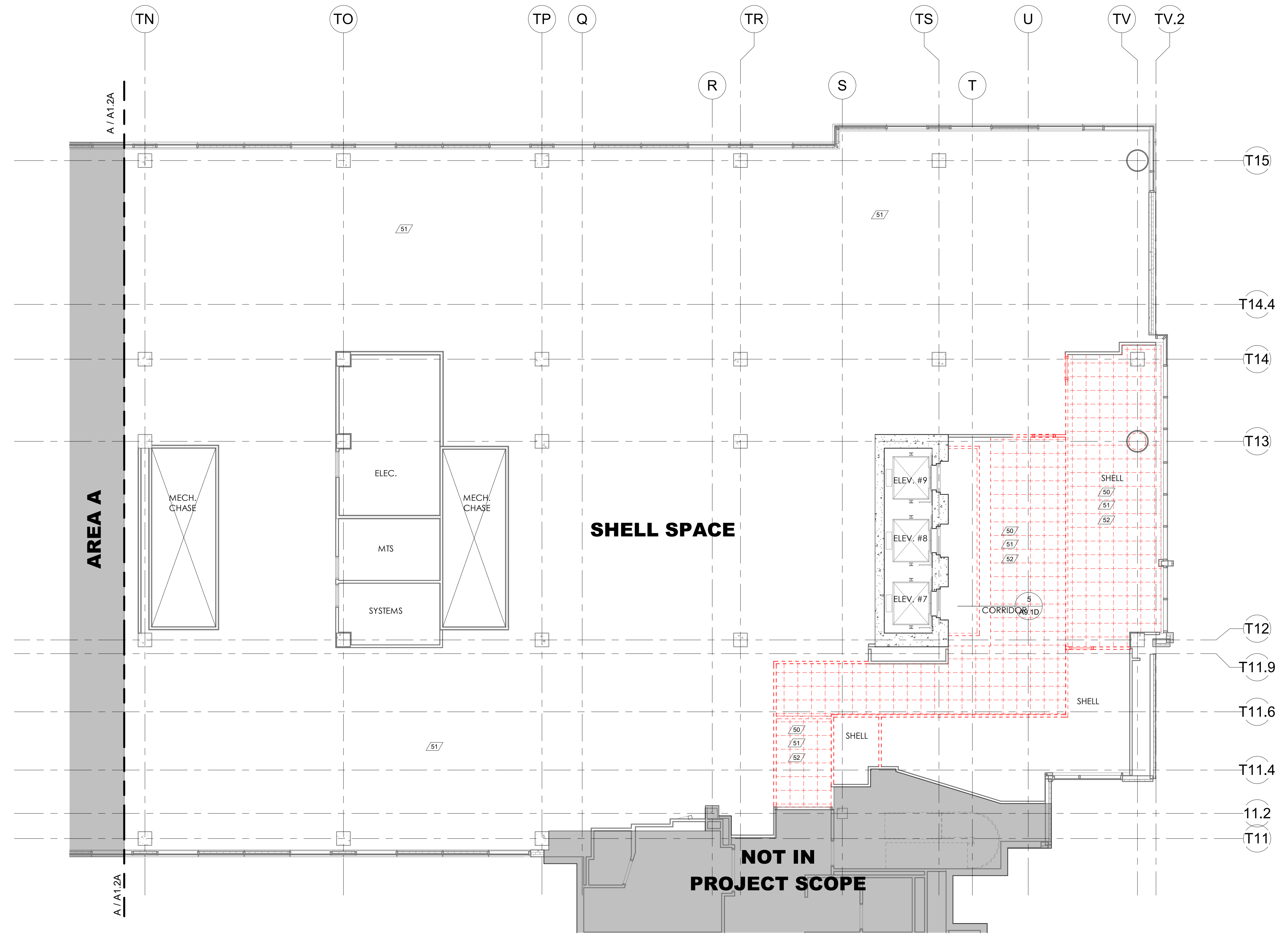
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 Date: 11/13/2024
 Scale: As indicated

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR REFLECTED CEILING PLAN - DEMO - AREA B

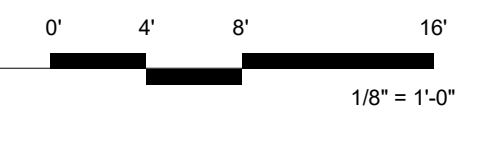


Floor No.: 7TH FLOOR
 Sheet No.: **D1.2B**

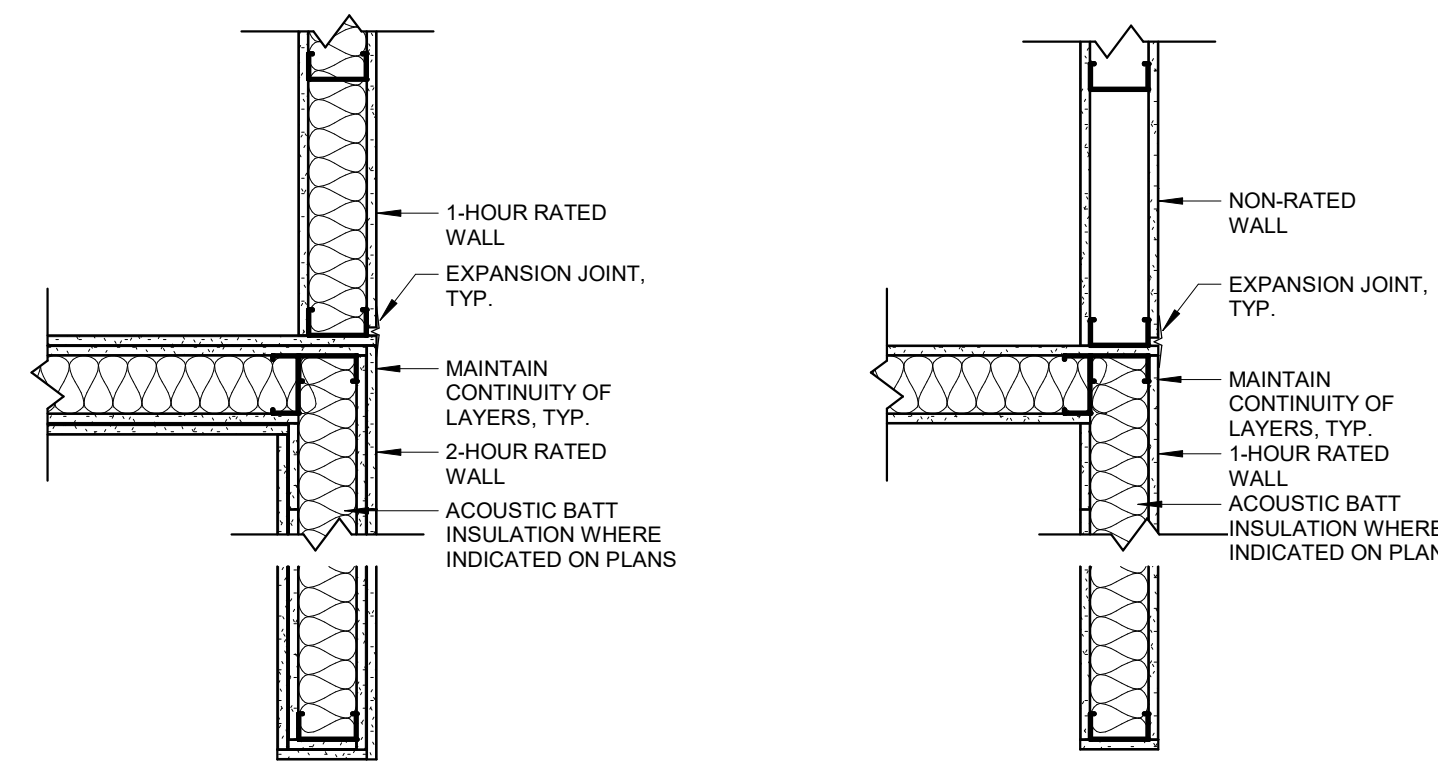


KEY PLAN
 *THIS SHEET IS INTENDED TO BE PRINTED IN COLOR

REFLECTED CEILING DEMOLITION PLAN - AREA B
 1/8" = 1'-0"

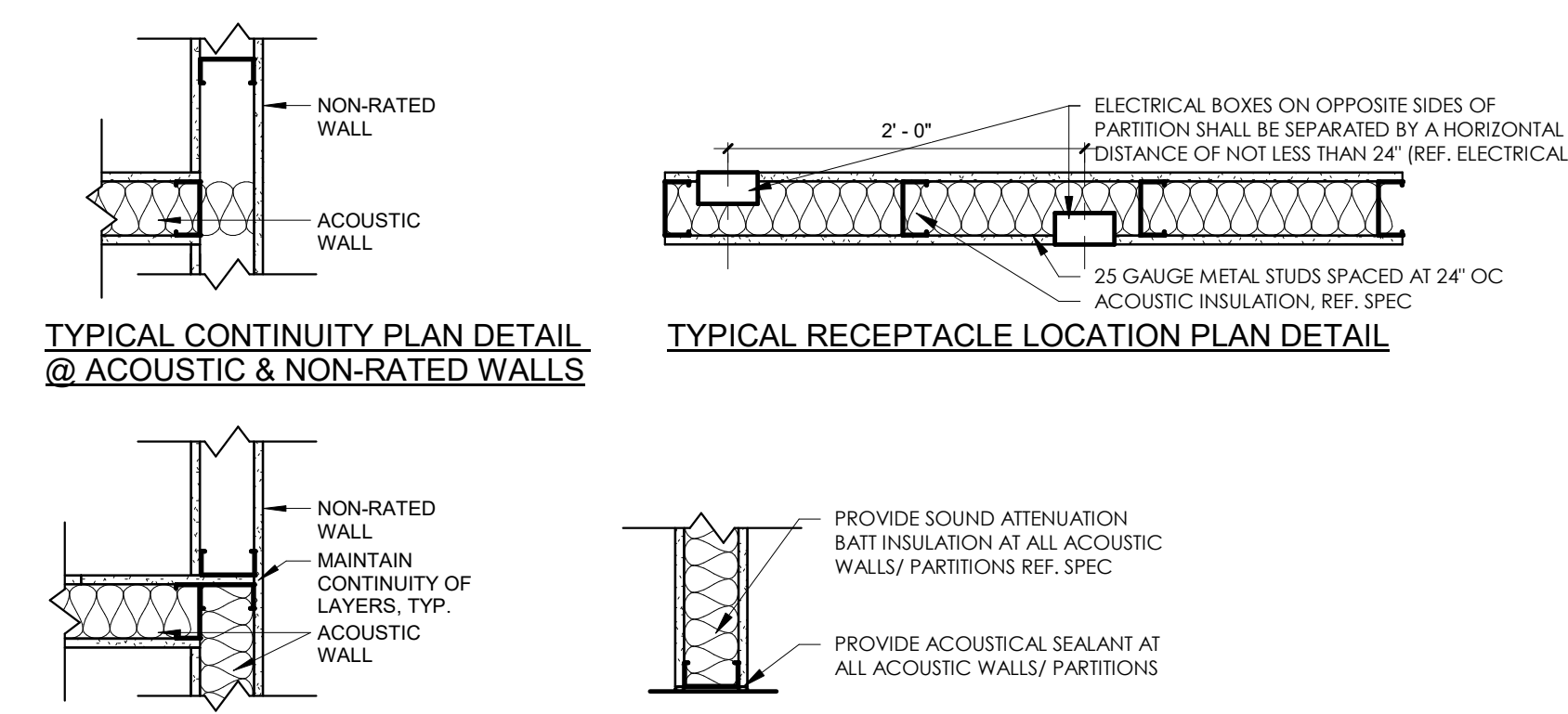


TYPICAL CONTINUITY DETAILS



TYPICAL CONTINUITY PLAN DETAIL @ 2-HR & 1-HR RATED WALLS

TYPICAL CONTINUITY PLAN DETAIL @ 1-HR & NON-RATED WALLS



TYPICAL CONTINUITY PLAN DETAIL @ ACOUSTIC & NON-RATED WALLS

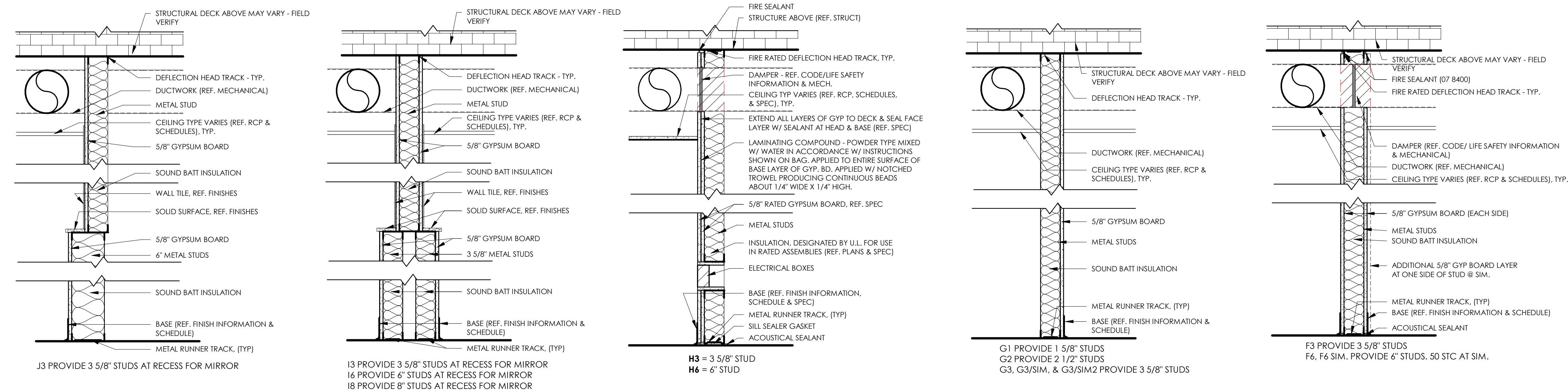
TYPICAL RECEPTACLE LOCATION PLAN DETAIL

TYPICAL CONTINUITY PLAN DETAIL @ ACOUSTIC & NON-RATED WALLS

PARTITION GENERAL NOTES:

- CONTRACTOR TO FOLLOW THE FOLLOWING WALL PRIORITIES:
- 2 HOUR WALLS SHALL MAINTAIN CONTINUITY OVER 1 HOUR WALLS
 - 1 HOUR WALLS SHALL MAINTAIN CONTINUITY OVER SMOKE PARTITIONS
 - SMOKE PARTITIONS SHALL MAINTAIN CONTINUITY OVER ADJACENT NON-RATED WALLS
 - METAL STUD GAUGE SHALL BE 20 OR GREATER PER SSMA
 - AT RATED WALLS - DOOR FRAME THROAT SIZE TO BE VERIFIED BY CONTRACTOR
 - STUD SIZES VARY, REF. PLANS & UL ASSEMBLY REQUIREMENTS
 - GYPSUM BOARD SHALL BE 5/8" TYPE X UNLESS OTHERWISE NOTED, SPECIFIED, OR REQUIRED
 - SEAL ALL PENETRATIONS
 - REFERENCE PLANS FOR LOCATIONS
 - PROVIDE COATED GLASS MAT TILE BACKER BOARD AT ALL SHOWER & WET AREAS AND AS BACKER FOR CERAMIC WALL TILE. TOILET & SINK AREAS TO RECEIVE MOISTURE-RESISTANT GYP BOARD. PROVIDE 20GA. STUDS AS REQUIRED IN TOP AND GA-216.
 - PROVIDE 20GA. DOUBLE STUDS FULL HEIGHT AT ALL INTERIOR DOOR JAMBS.

1 TYP VERTICAL PENETRATION DETAIL: UL C-AJ-1158
1" = 1'-0"



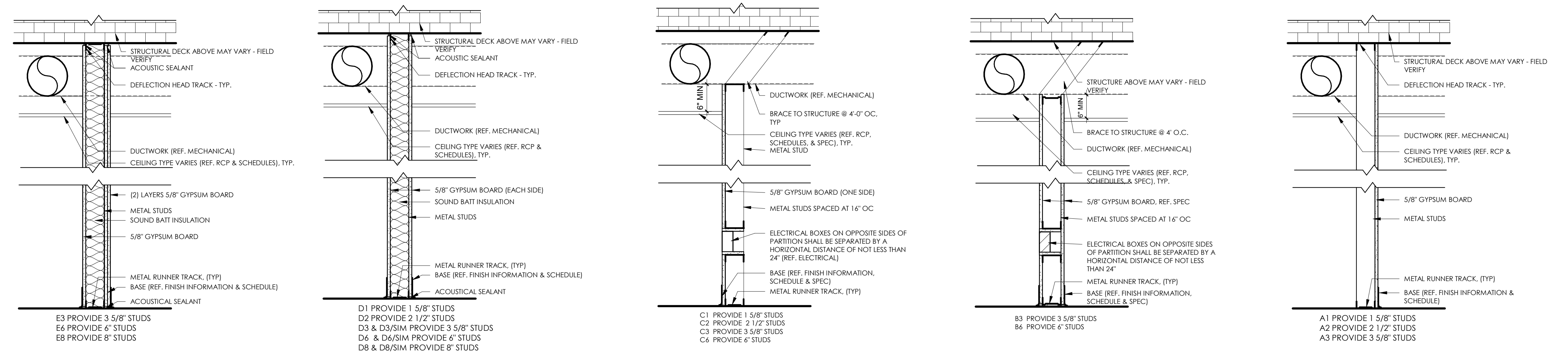
2 TYPICAL FULL HEIGHT FURRING TYPE "J"
1" = 1'-0"

1 TYPICAL FULL HEIGHT FURRING TYPE "I"
1" = 1'-0"

H TYPICAL 1-HOUR ASSEMBLY (UL #V497) TYPE "H"
1" = 1'-0"

G TYPICAL FULL HEIGHT FURRING TYPE "G"
1" = 1'-0"

F TYPICAL 1-HOUR ASSEMBLY (UL U419) TYPE "F"
1" = 1'-0"



E TYPICAL ACOUSTIC ASSEMBLY (50-STC) TYPE "E"
1" = 1'-0"

D TYPICAL ACOUSTIC ASSEMBLY (45-STC) TYPE "D"
1" = 1'-0"

C TYP. FURRING ASSEMBLY, TYPE "C"
1" = 1'-0"

B TYPICAL PARTIAL HEIGHT PARTITION, TYPE "B"
1" = 1'-0"

A TYPICAL FULL HEIGHT FURRING TYPE "A"
1" = 1'-0"

Architect Logo

No.	Date	Description

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Project No.: 2040-821203
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Scale: 1" = 1'-0"

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
GENERAL PARTITION TYPES



Architect Logo

No.	Date	Description

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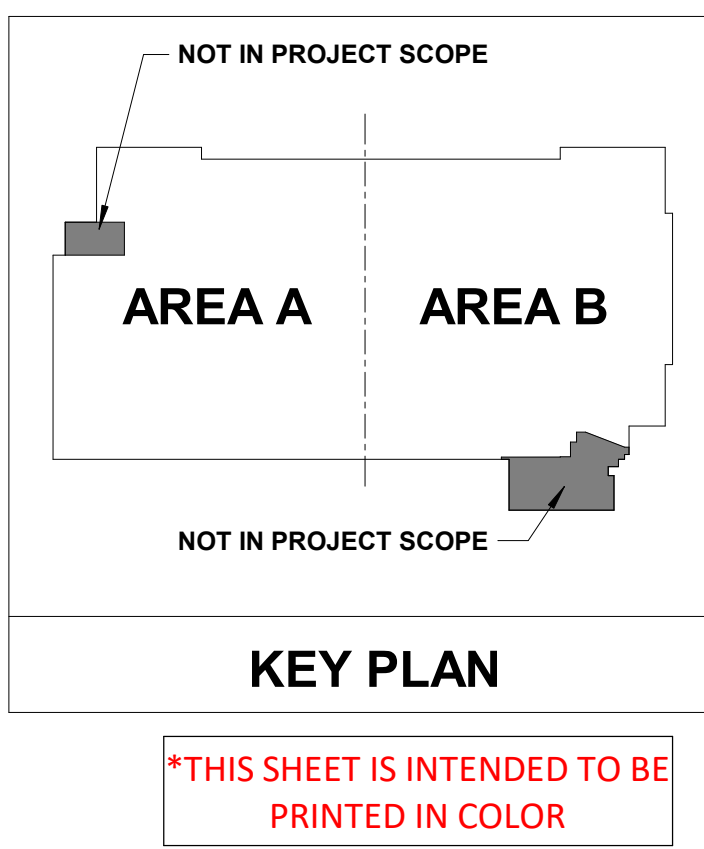
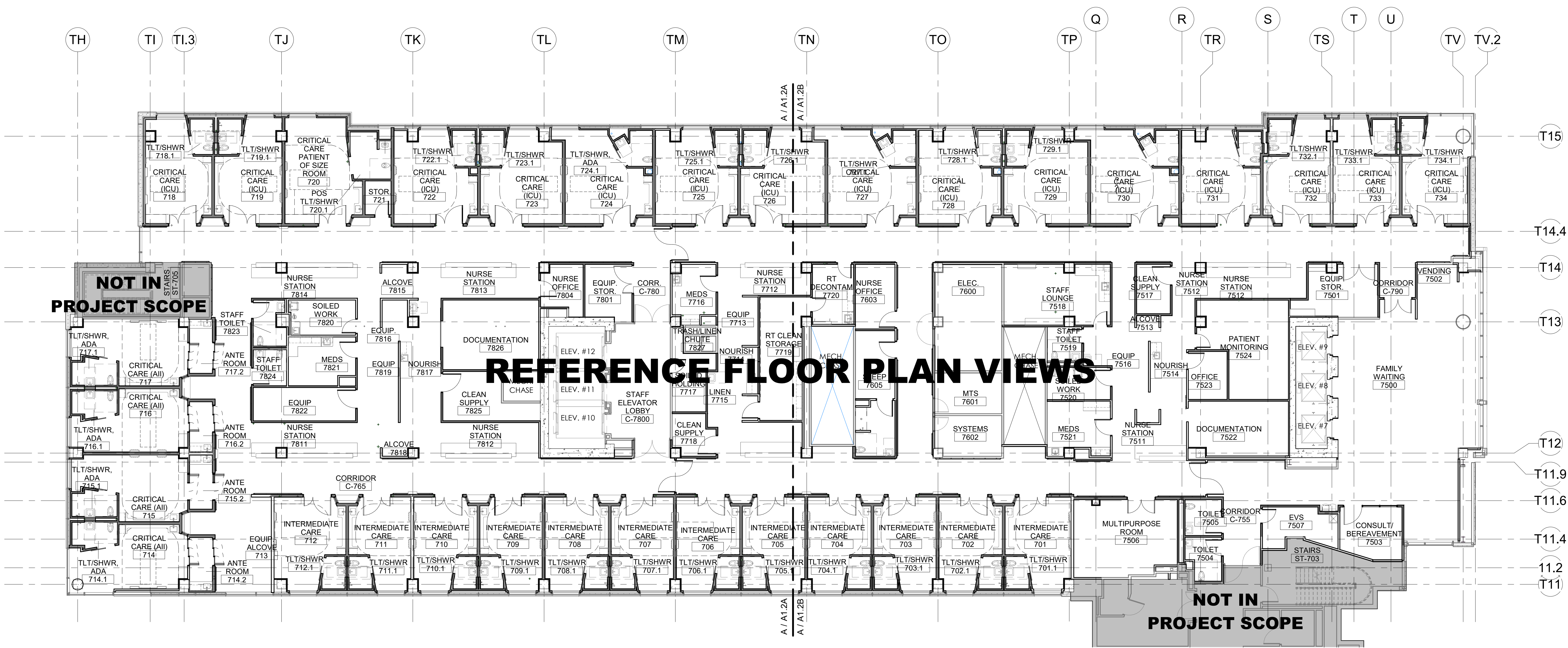
Sheet No.

Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR OVERALL FLOOR PLAN - DIMENSIONS



Floor No.: 7TH FLOOR
Sheet No.: **A1.1**



7TH FLOOR DIMENSION PLAN - OVERALL
3/32" = 1'-0"



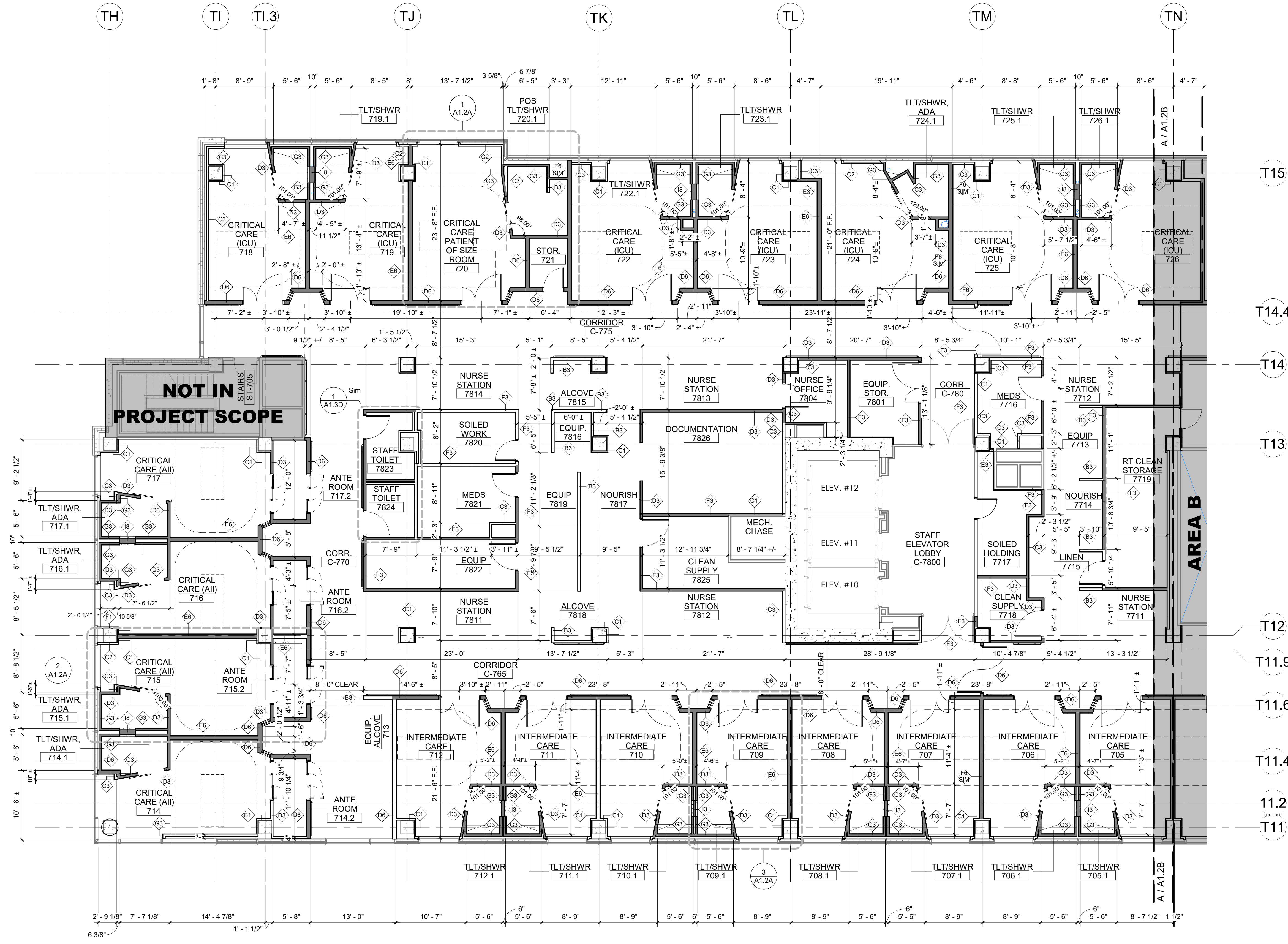
LEGEND FOR WALL TAGS

WALL TYPE:

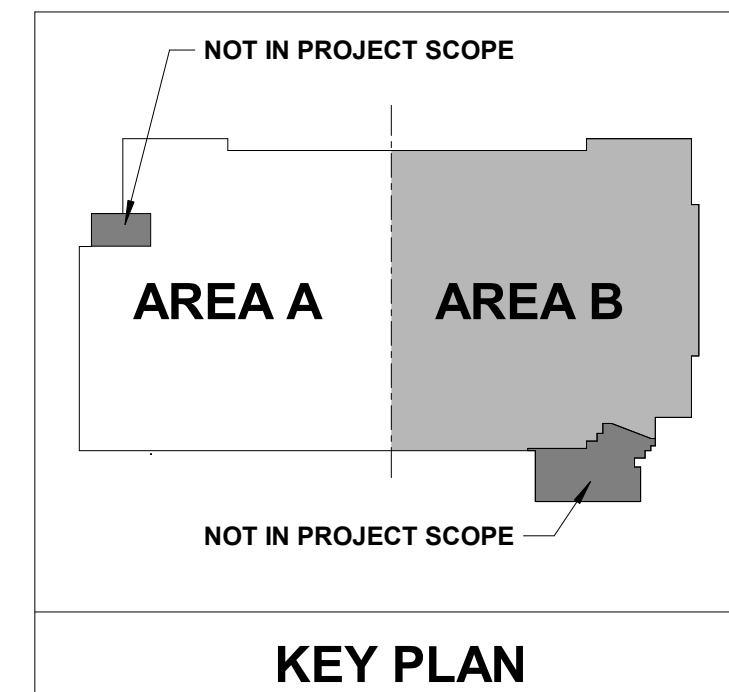
X WALL TAG DENOTES WALL/PARTITION ASSEMBLY TYPE. REFERENCE TYPICAL PARTITIONS, DETAILS, AND SPECIFICATIONS.

PLAN NOTES - FLOOR PLAN

#	NOTE
1	PARTITIONS TO ALIGN



7TH FLOOR DIMENSION PLAN - AREA A
1/8" = 1'-0"



No.	Date	Description

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1/8/2025 4:00:19 PM
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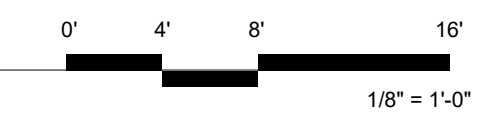
Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR PLAN - DIMENSIONS - AREA A



7TH FLOOR
A1.1A



LEGEND FOR WALL TAGS

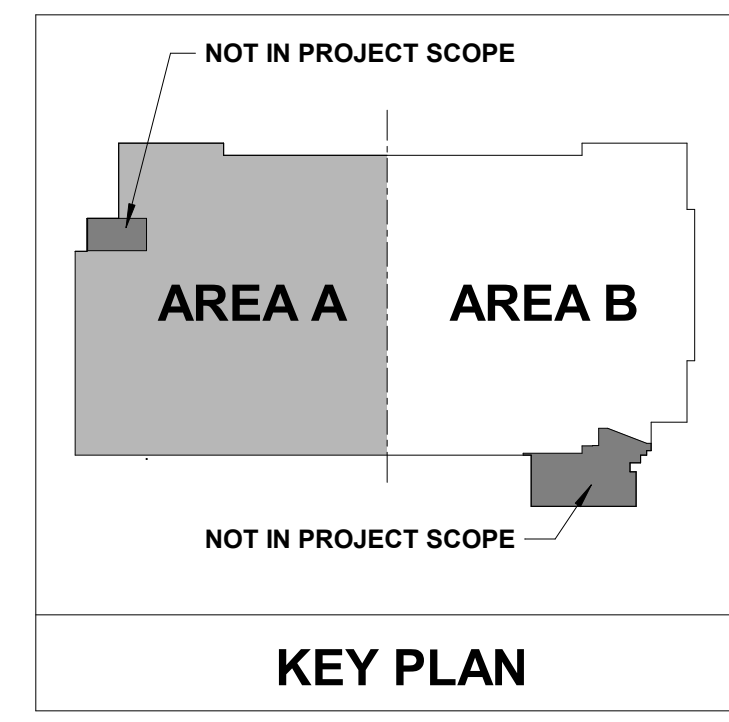
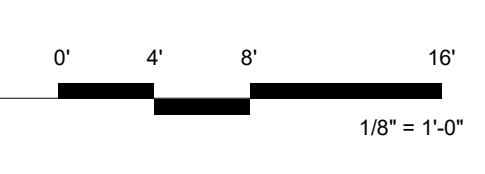
WALL TYPE:
 X WALL TAG DENOTES WALL/PARTITION ASSEMBLY TYPE. REFERENCE TYPICAL PARTITIONS, DETAILS, AND SPECIFICATIONS.

PLAN NOTES - FLOOR PLAN

#	NOTE
1	PARTITIONS TO ALIGN



7TH FLOOR DIMENSION PLAN - AREA B
 1/8" = 1'-0"



No.	Date	Description

PROGRESS DRAWING
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Mercy Project No.: 2040-821203
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7TH FLOOR PLAN - DIMENSIONS - AREA B



Floor No:
7TH FLOOR

Sheet No:
A1.1B

Architect Logo

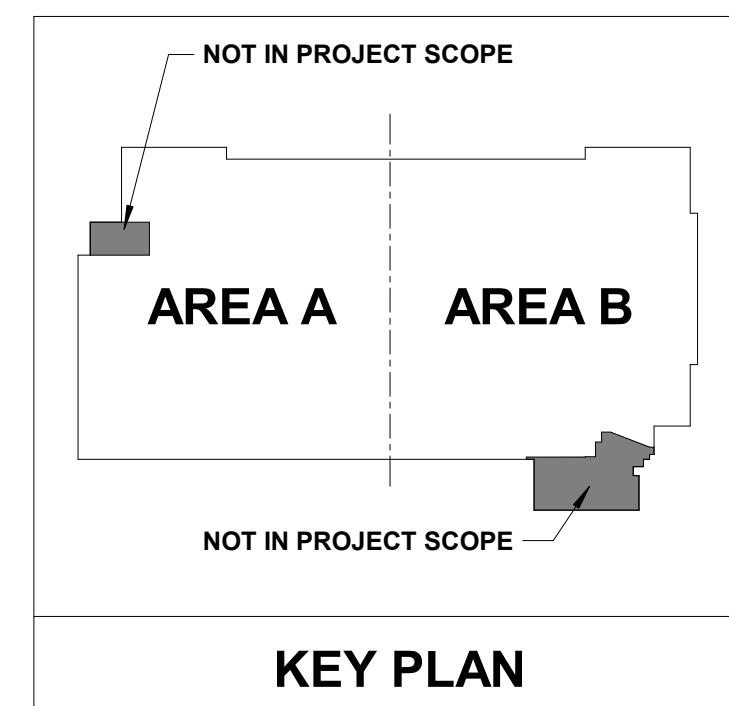
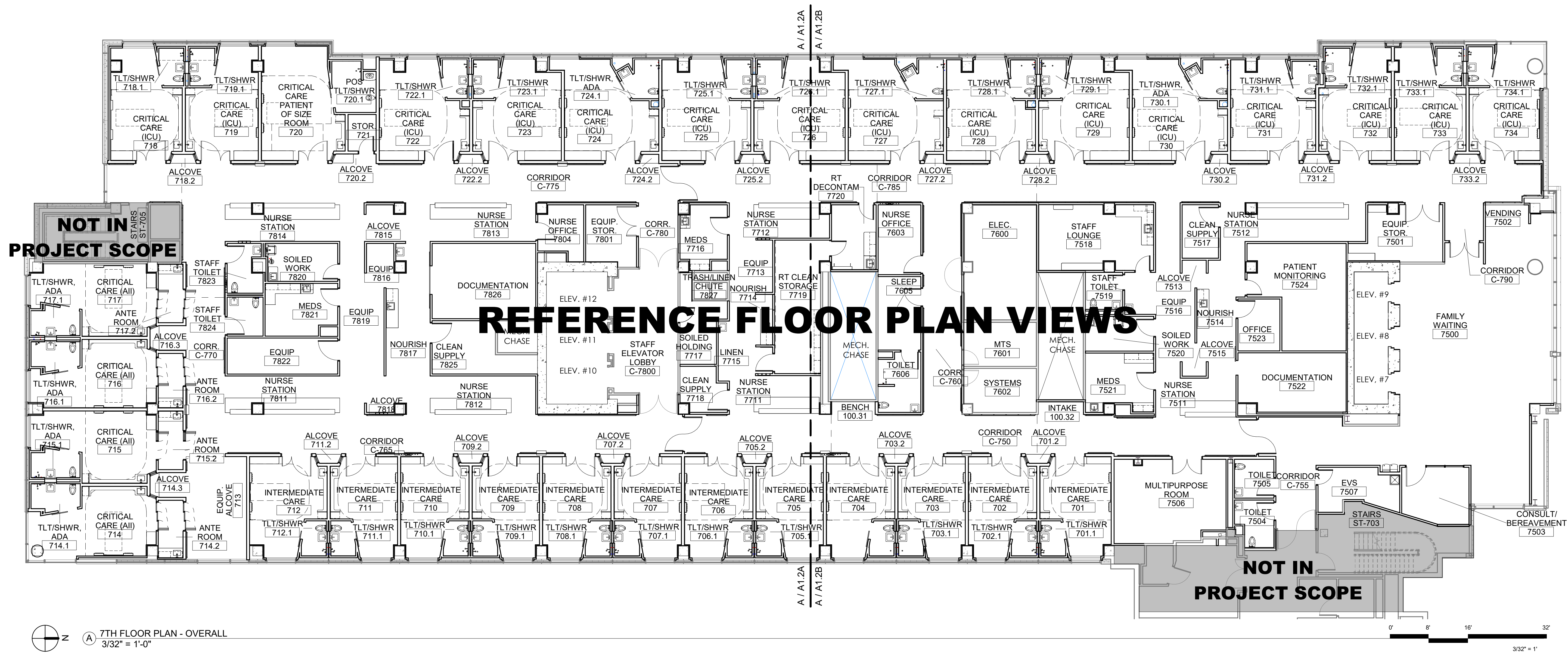
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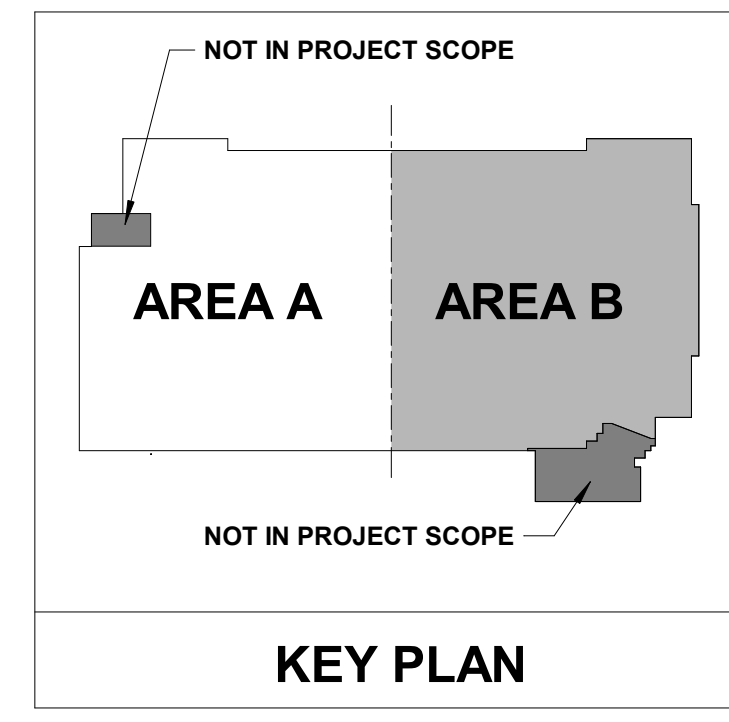
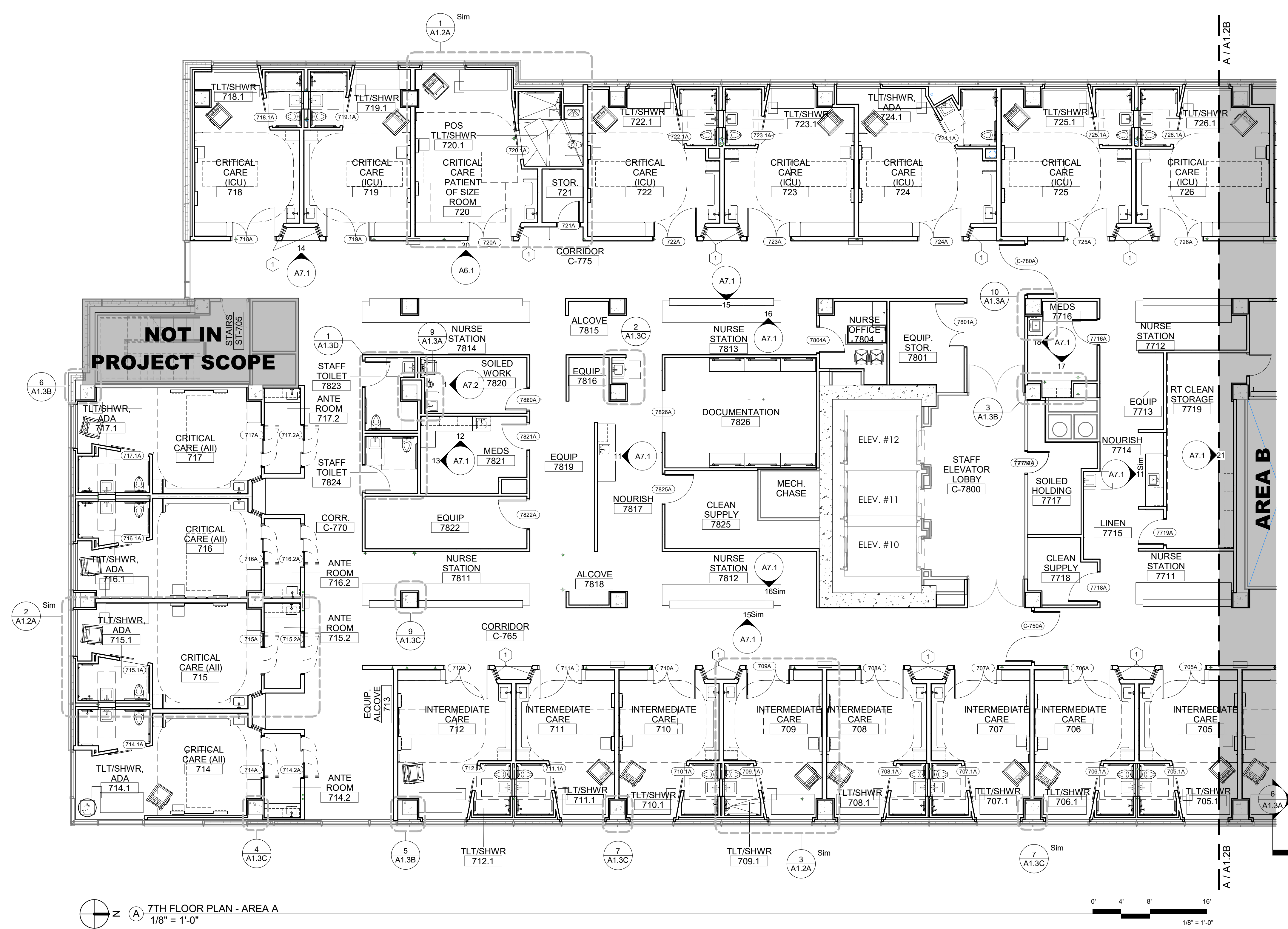
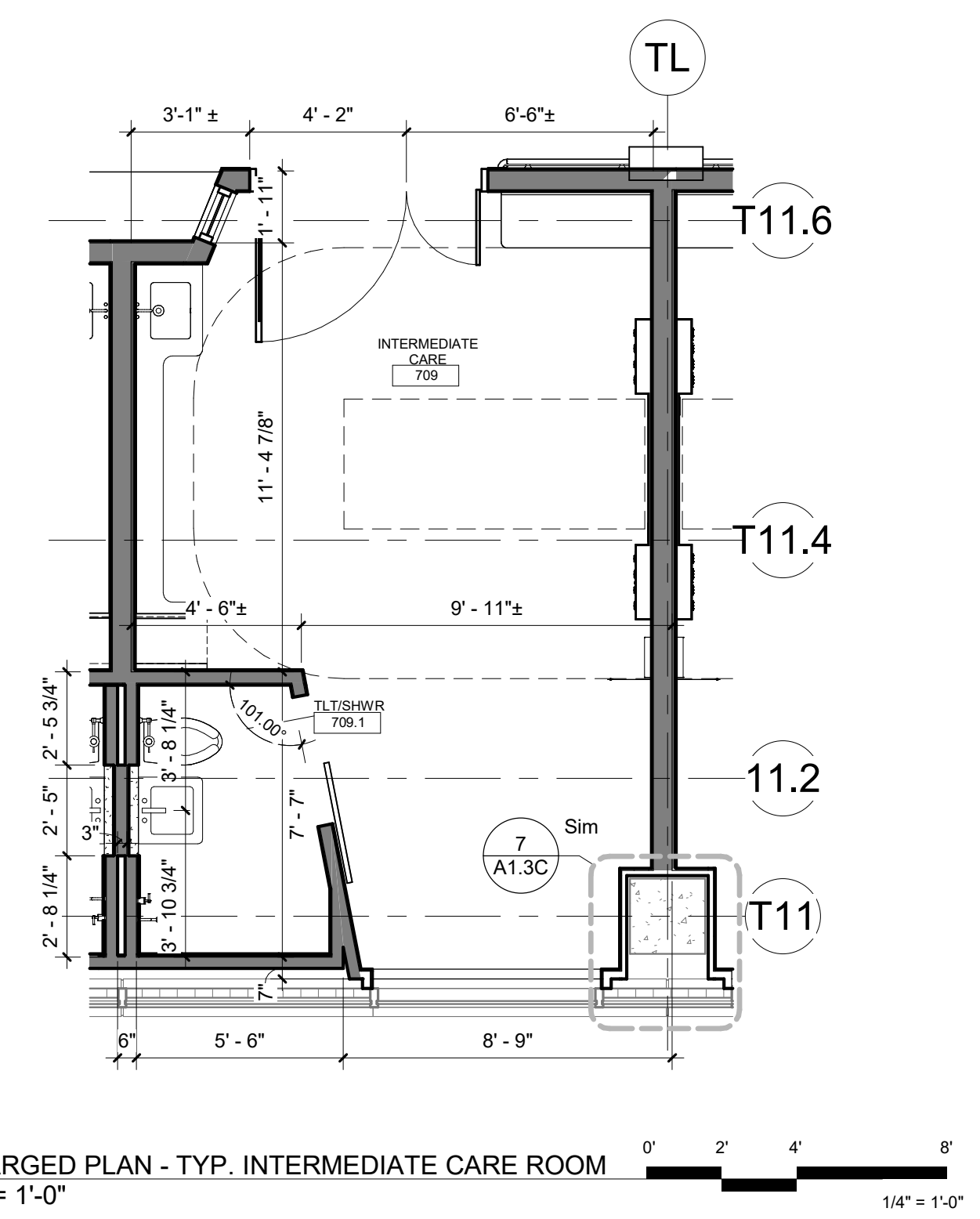
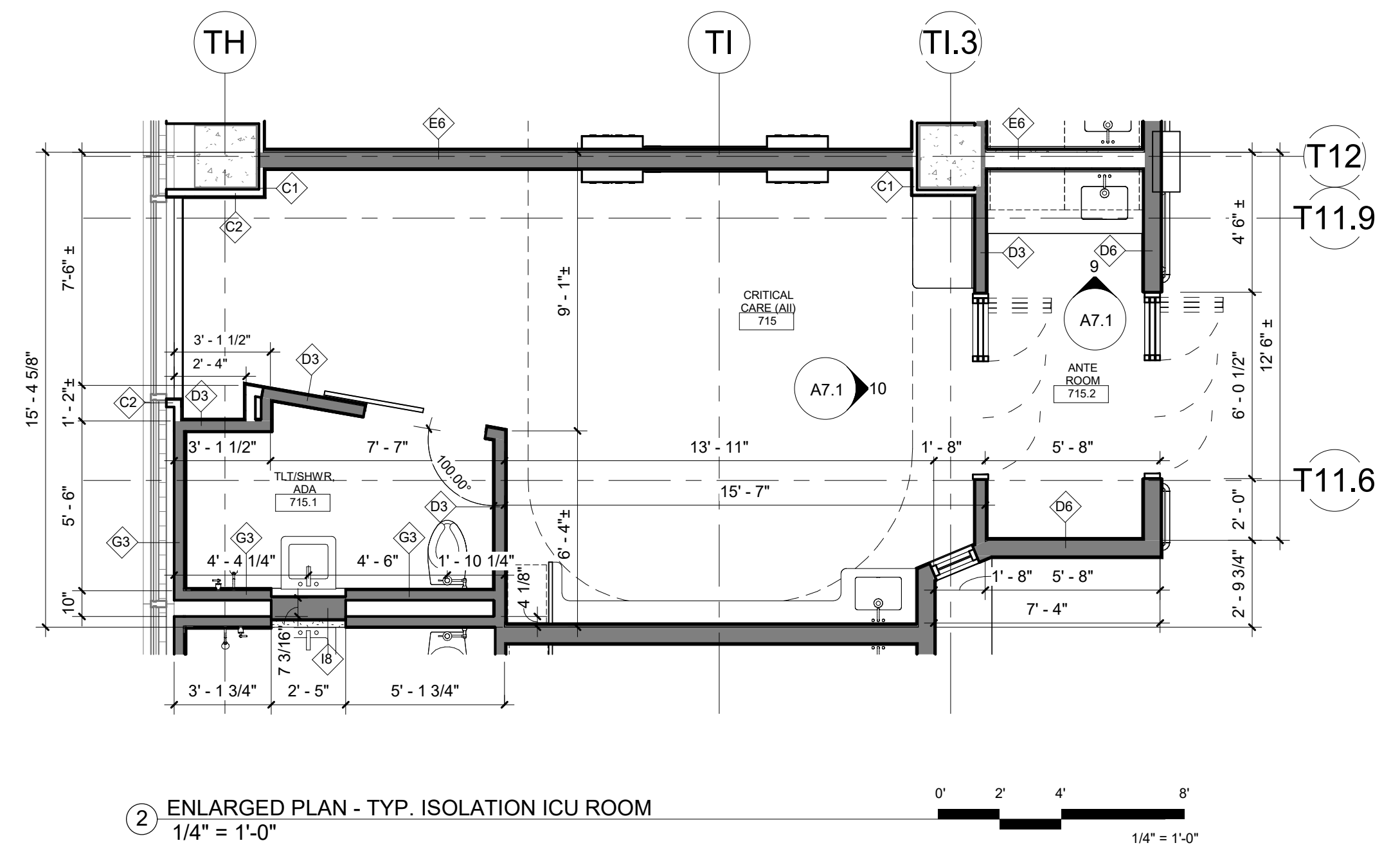
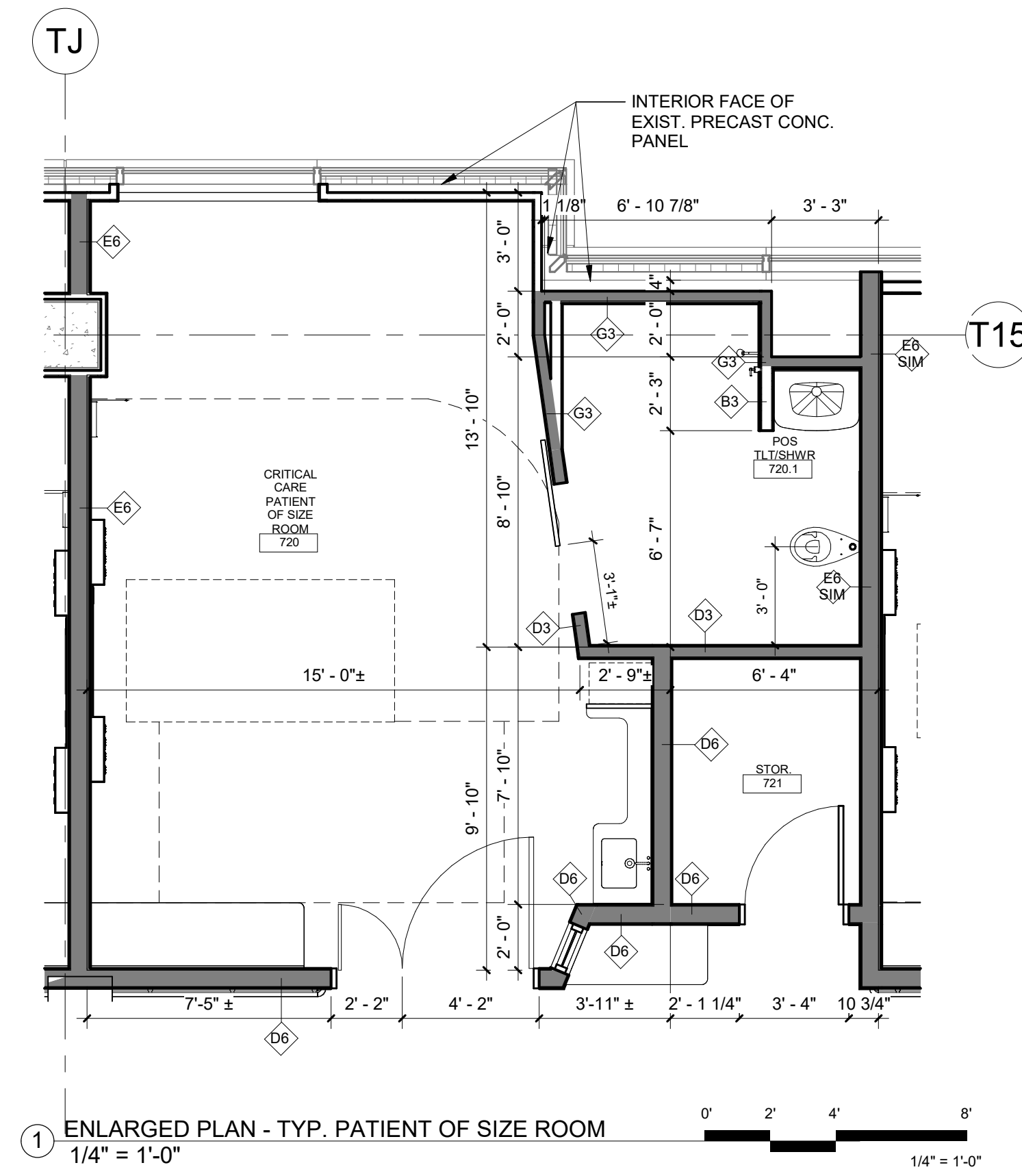
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Sheet No.

Mercy Project No.: 2040-821203
Date: 11/15/2024
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2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet No.: 7TH FLOOR OVERALL FLOOR PLAN - ANNOTATIONS





Architect Log

No.	Date	Description

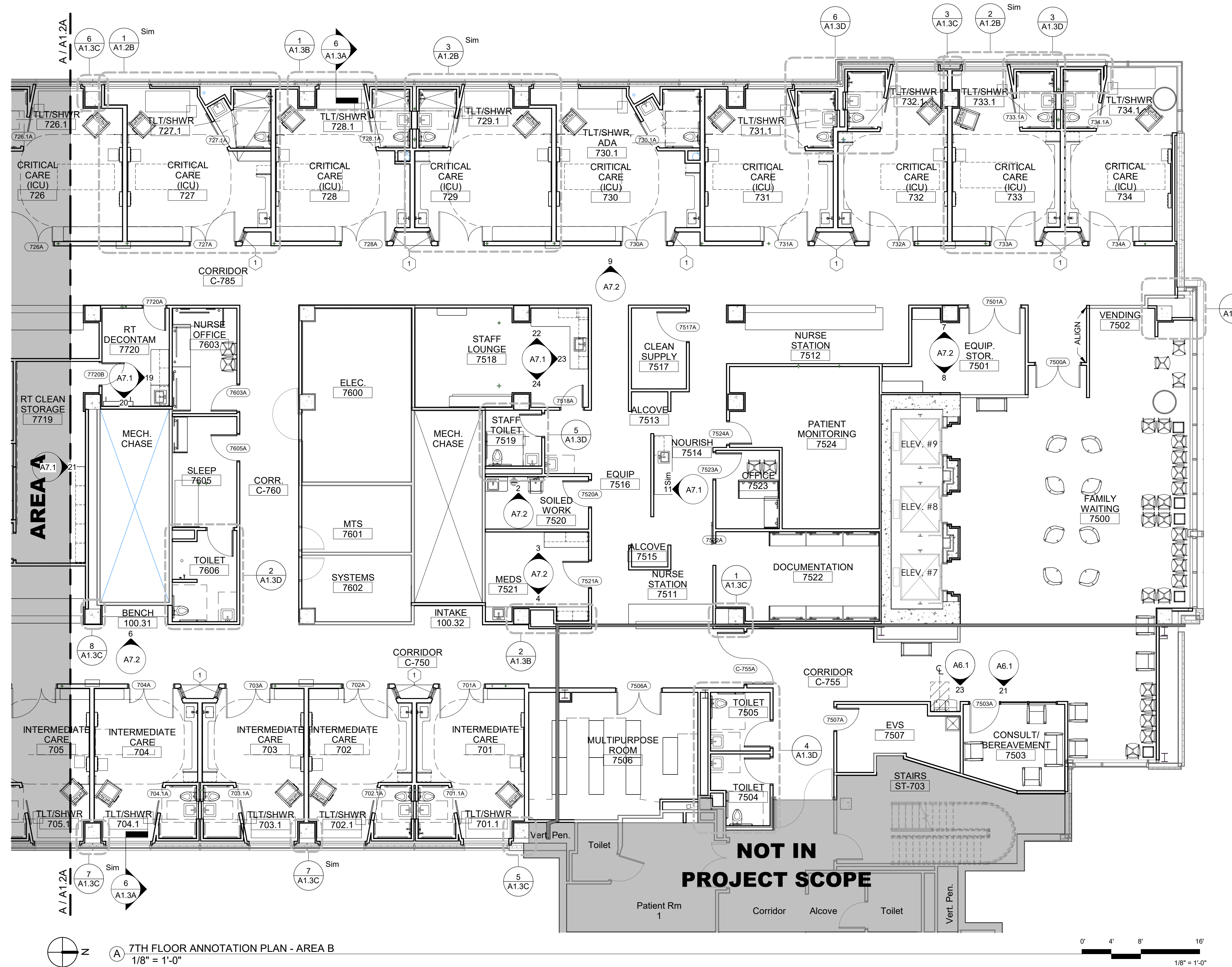
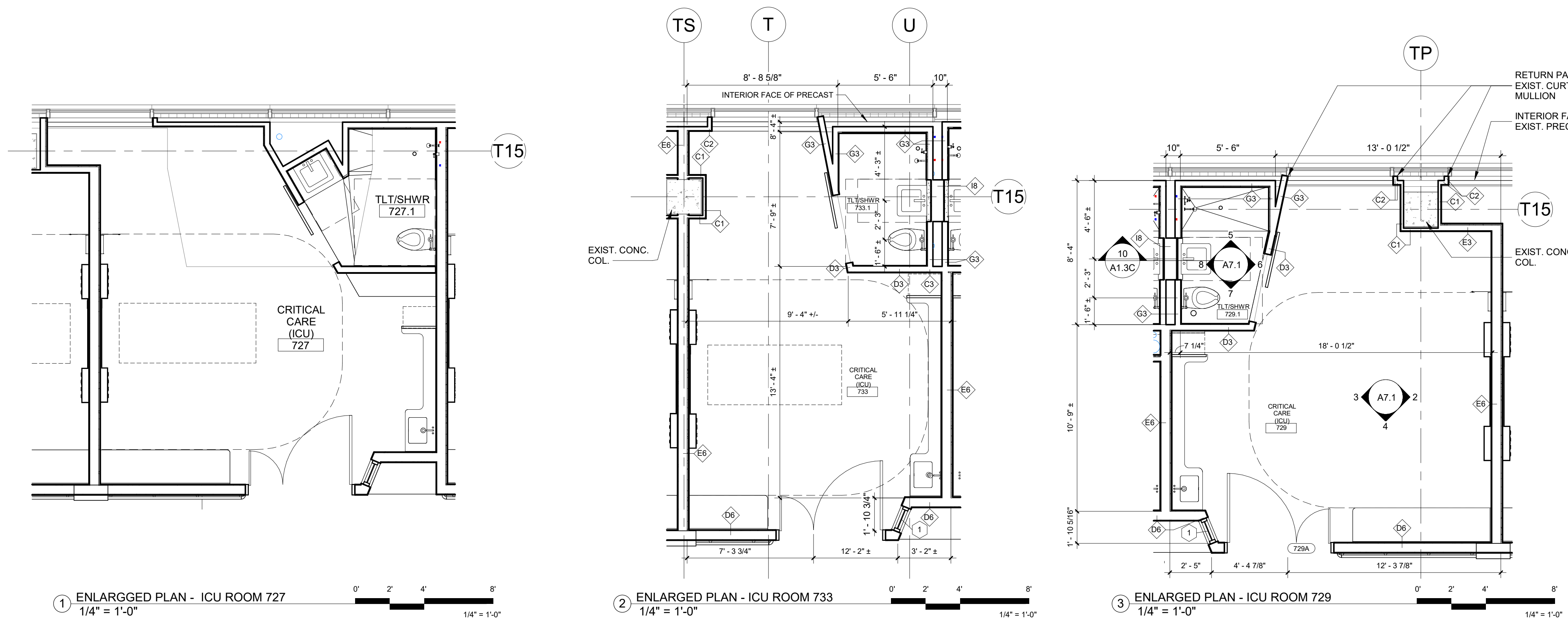
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Project No.: 2040-821203
 Date: 11/15/2024
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ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758



7TH FLOOR
A1.2A



No.	Date	Description

PROGRESS DRAWING
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Mercy Project No.: 2040-821203
Date: 11/15/2024
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ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR PLAN - ANNOTATIONS - AREA B



7TH FLOOR
Sheet No.: **A1.2B**

No.	Date	Description

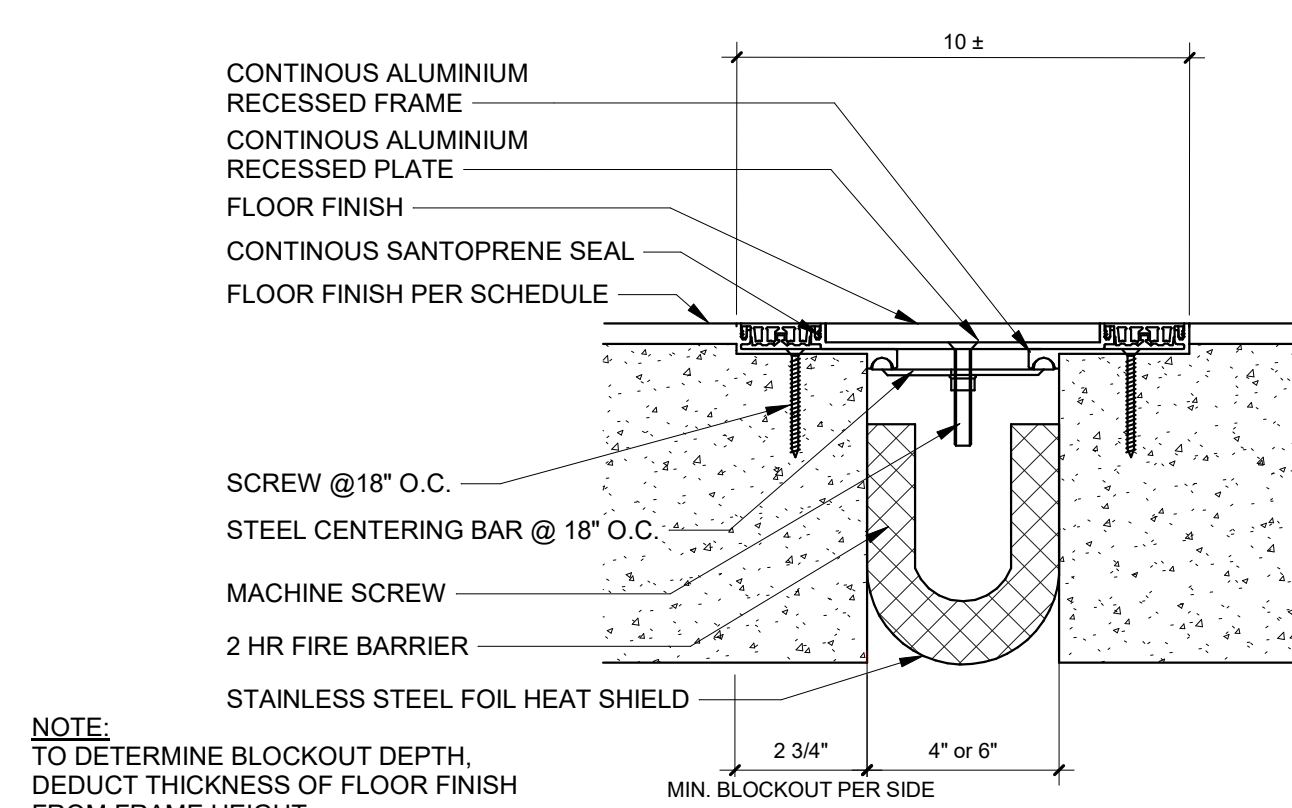
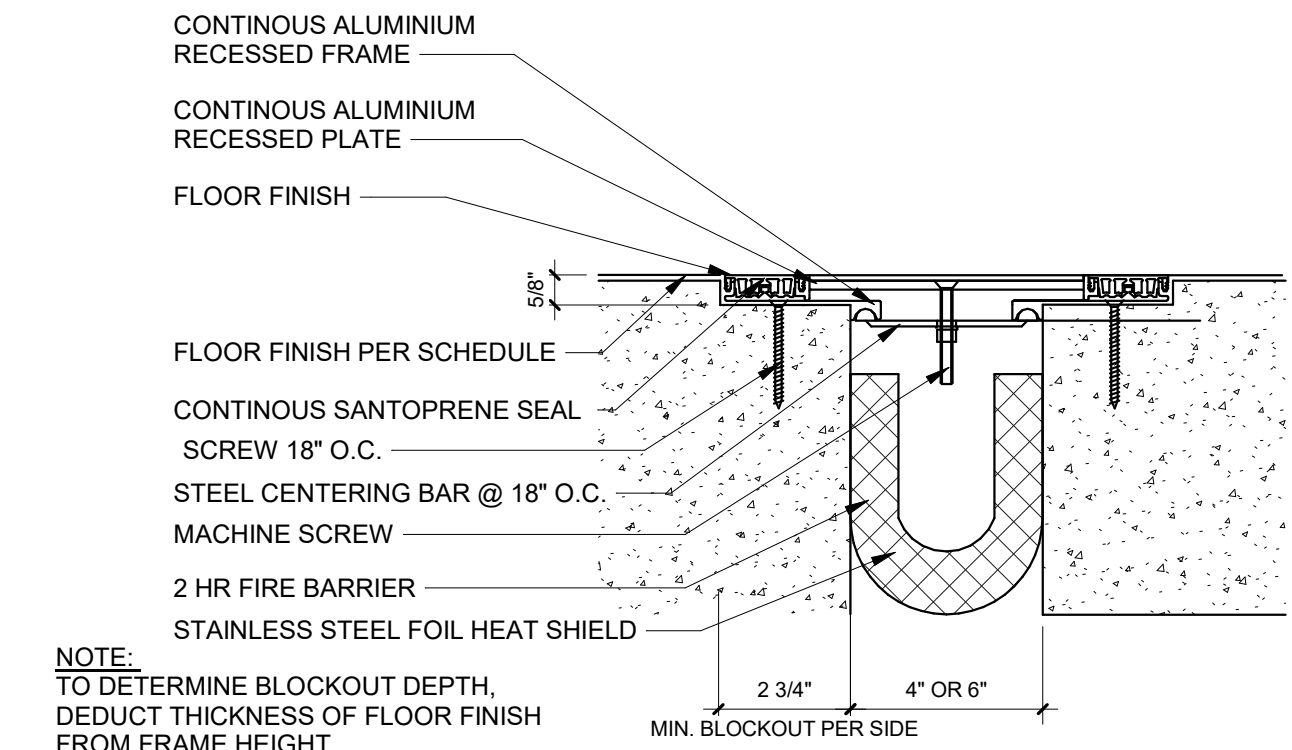
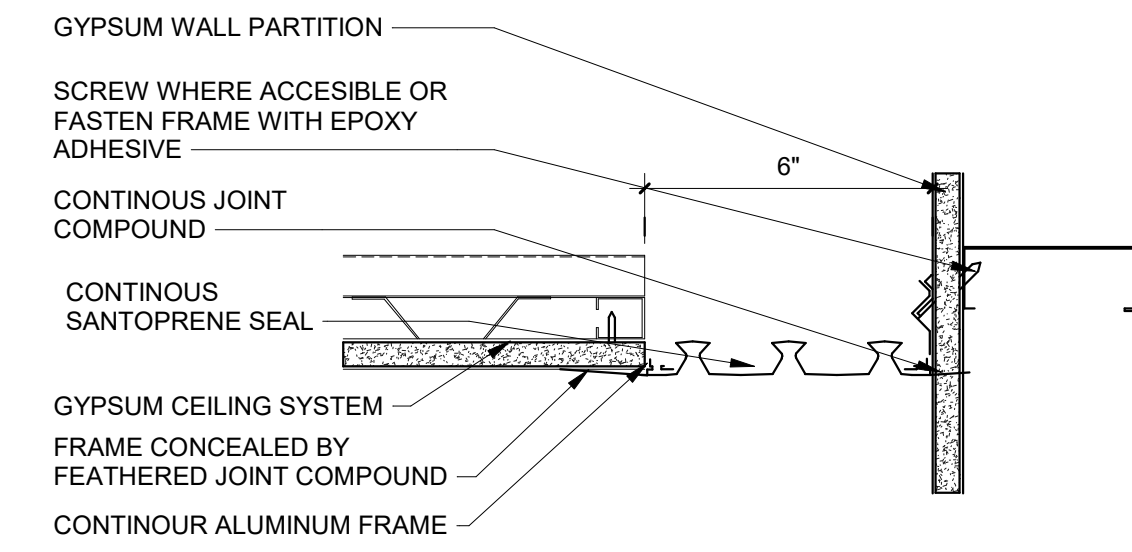
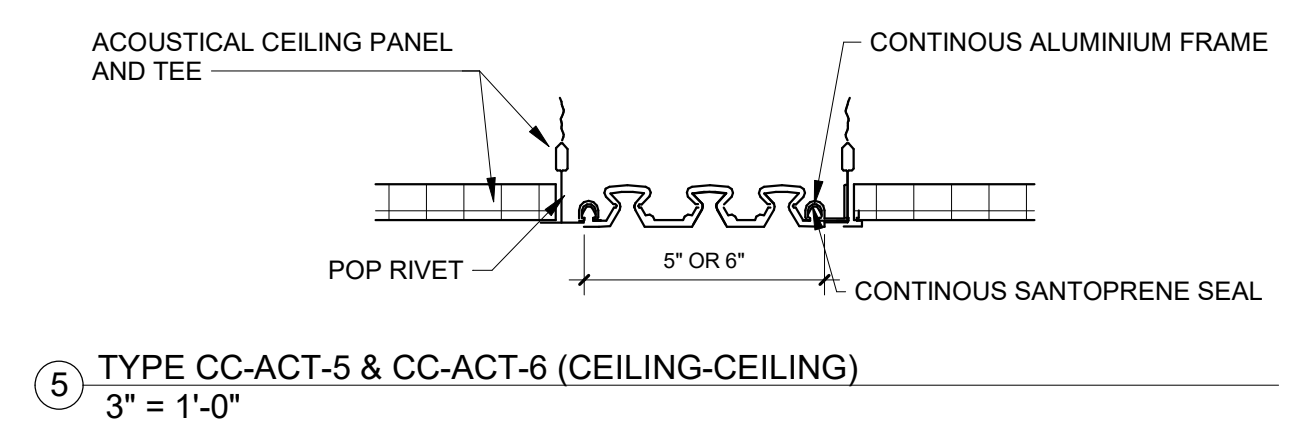
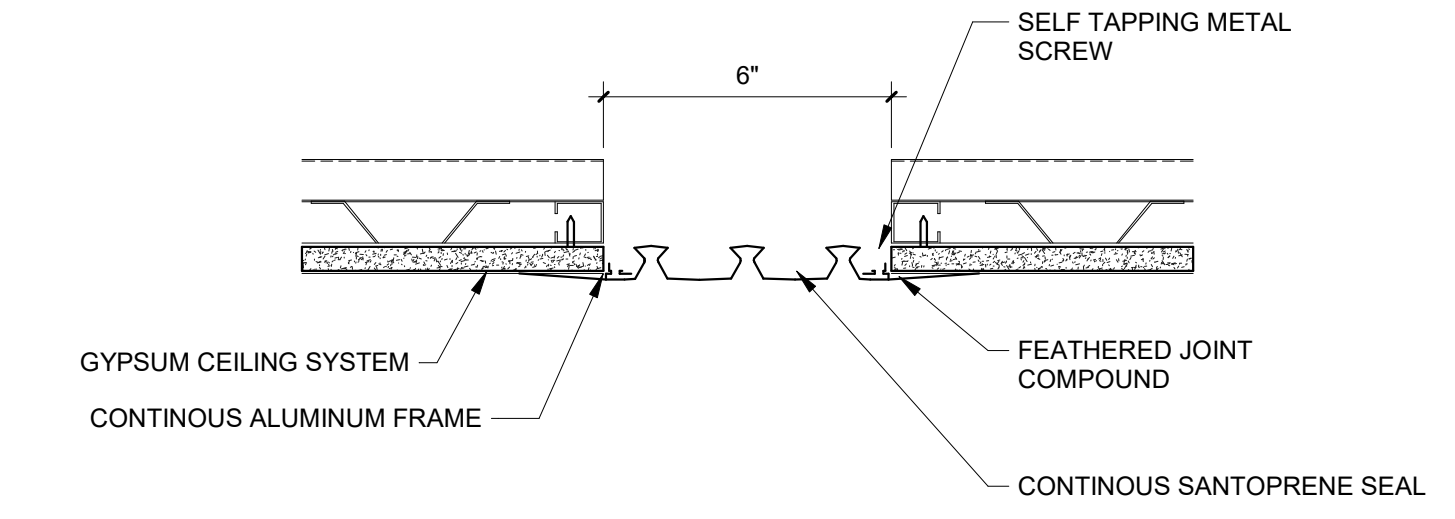
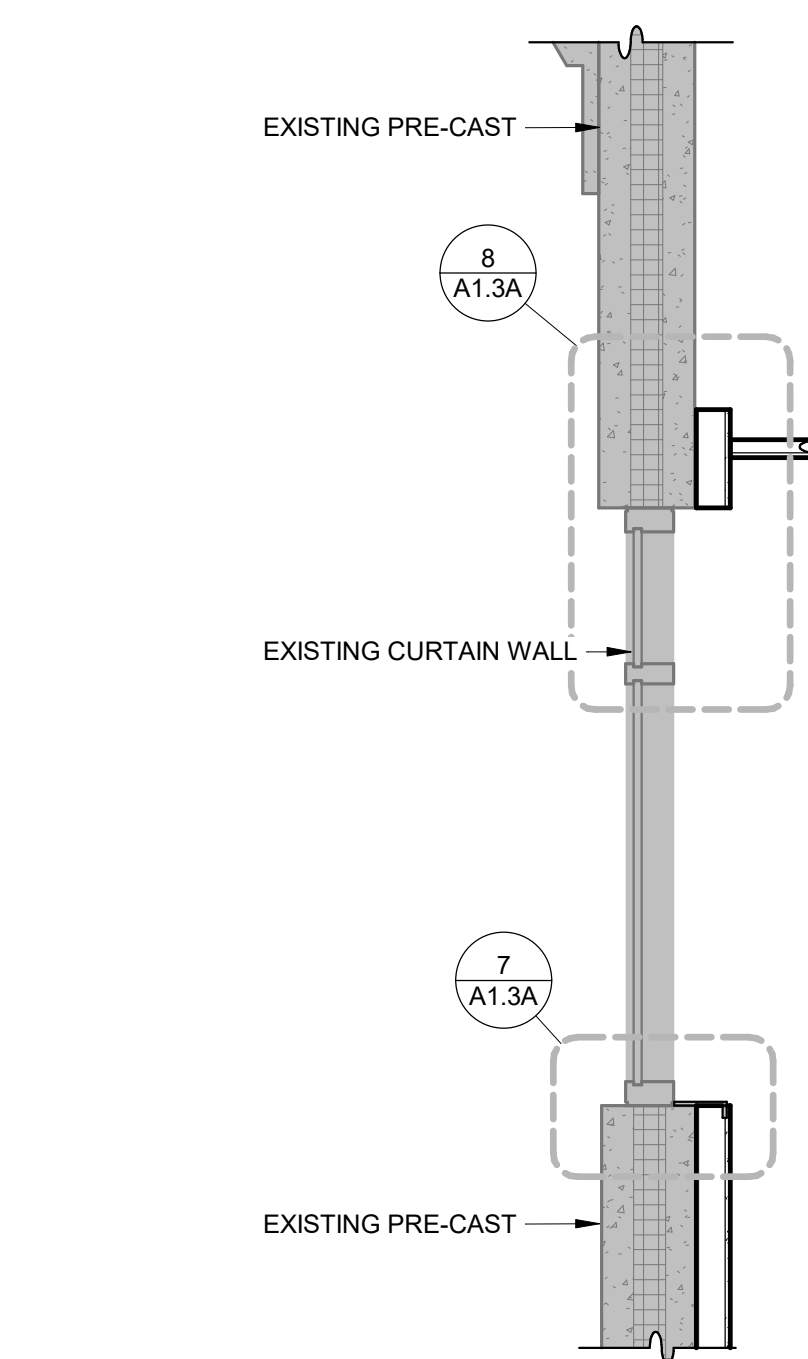
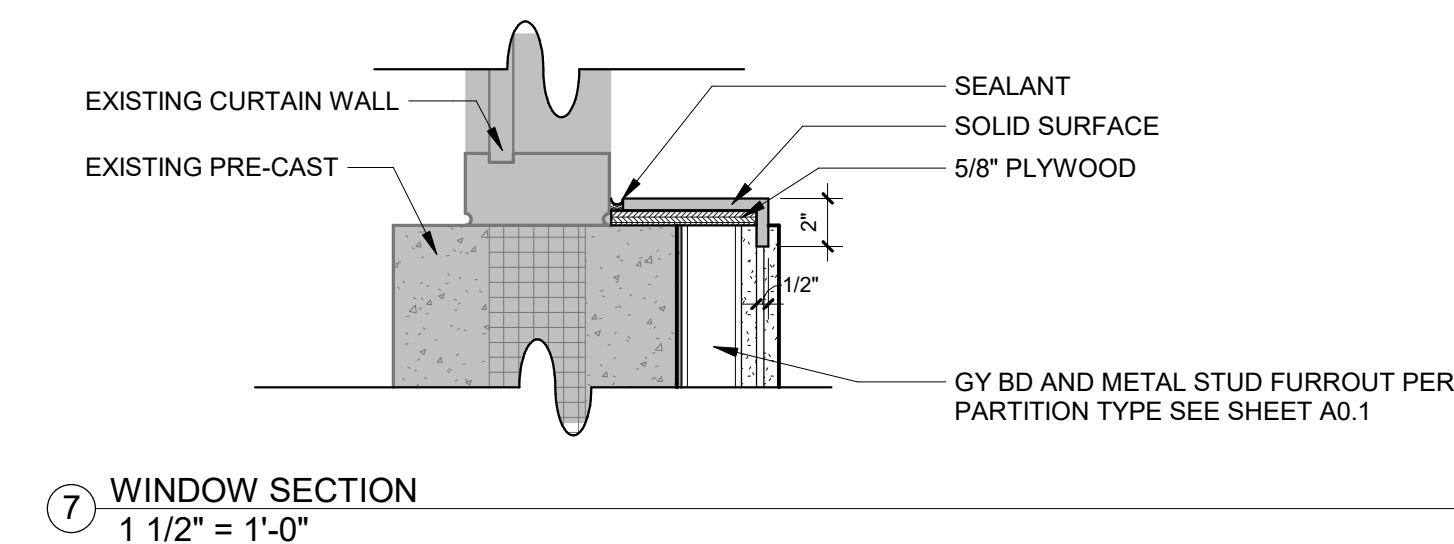
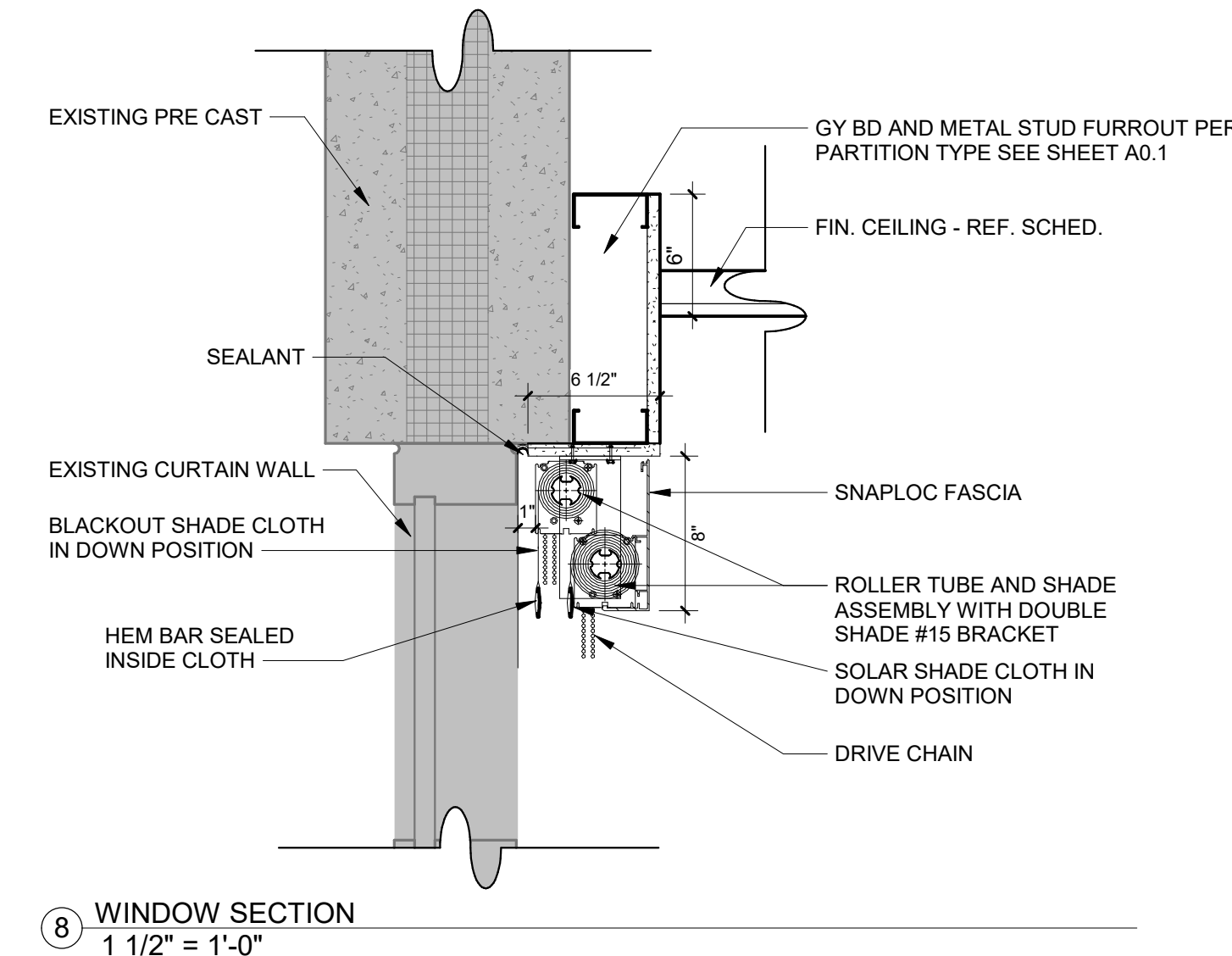
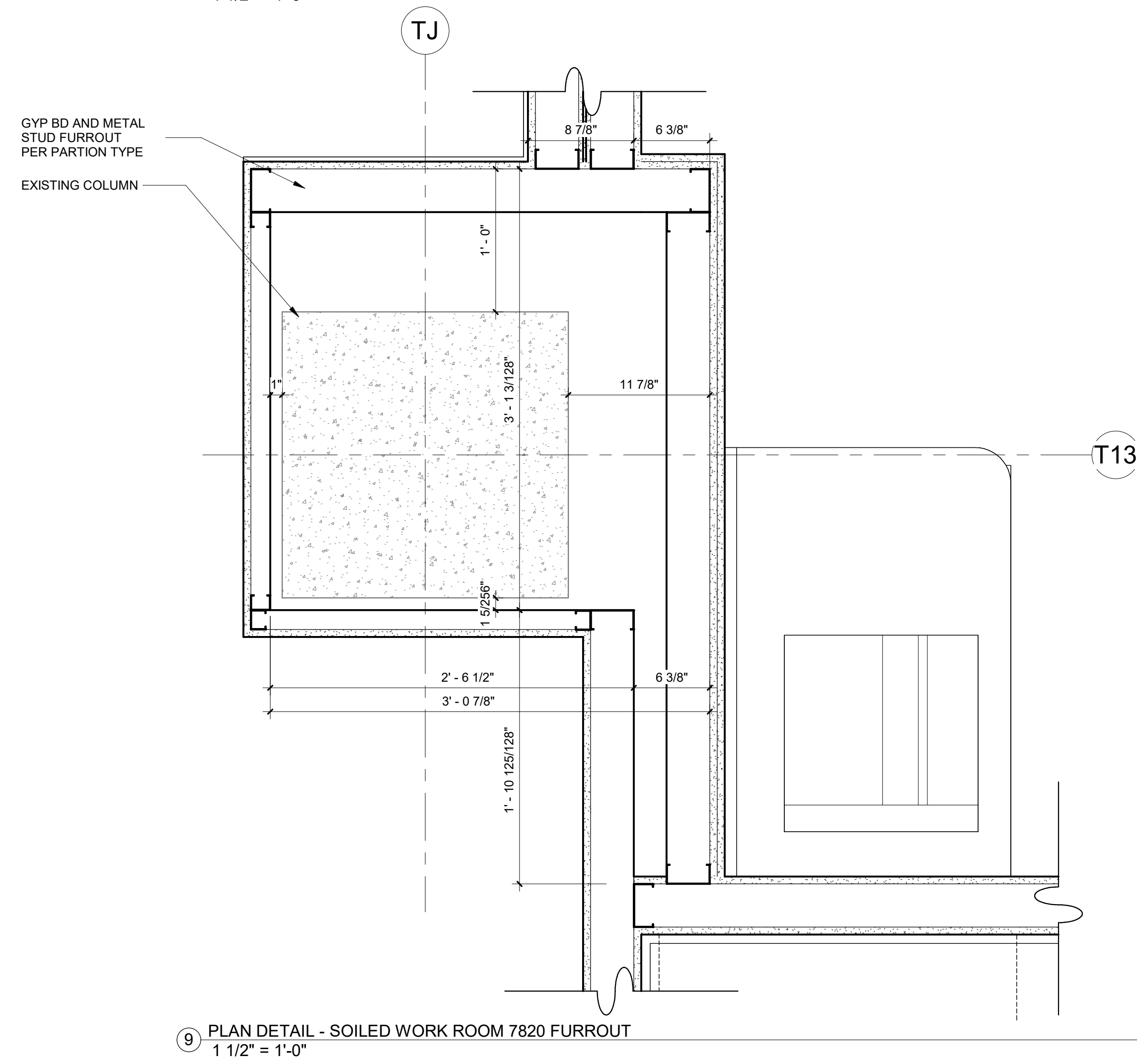
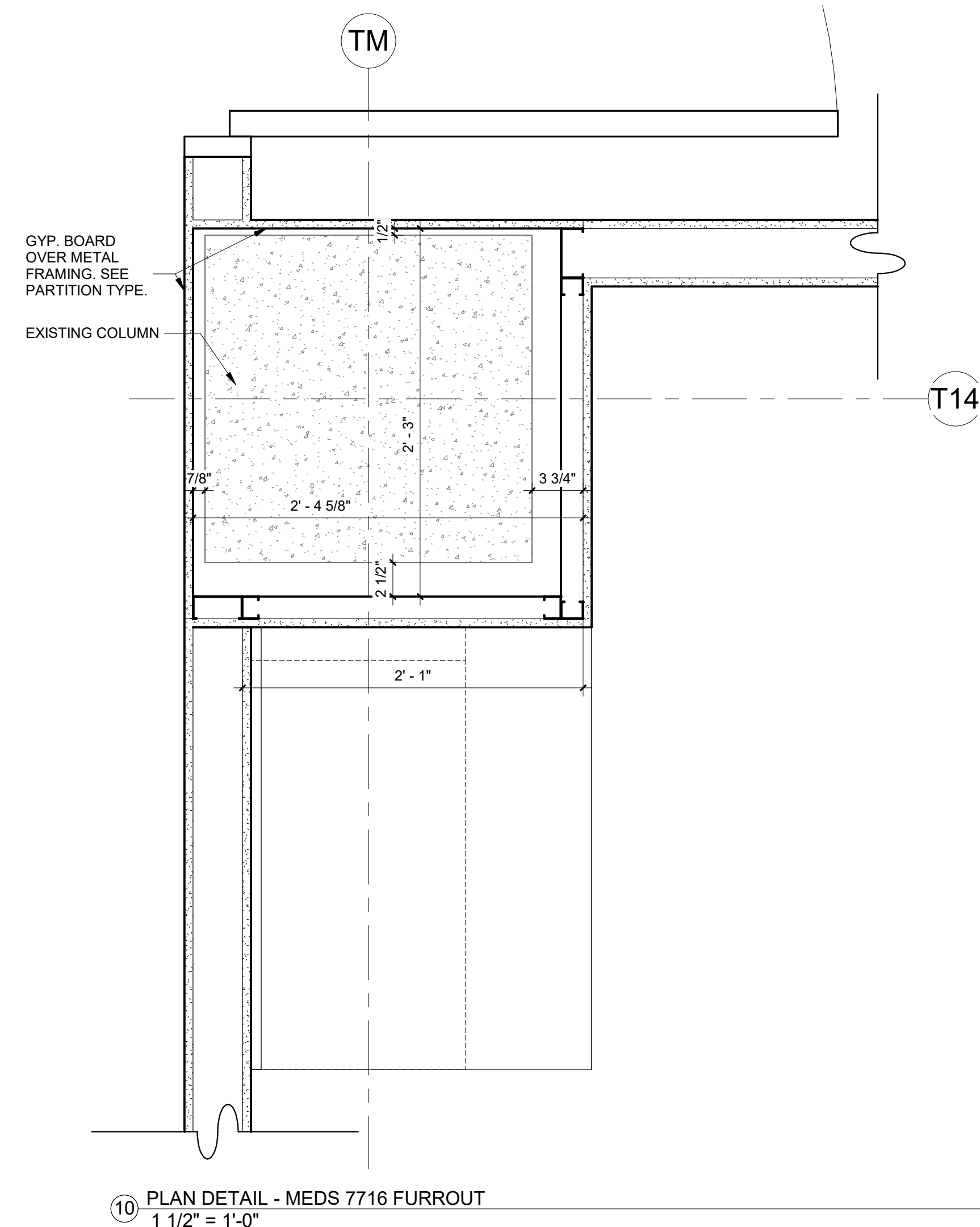
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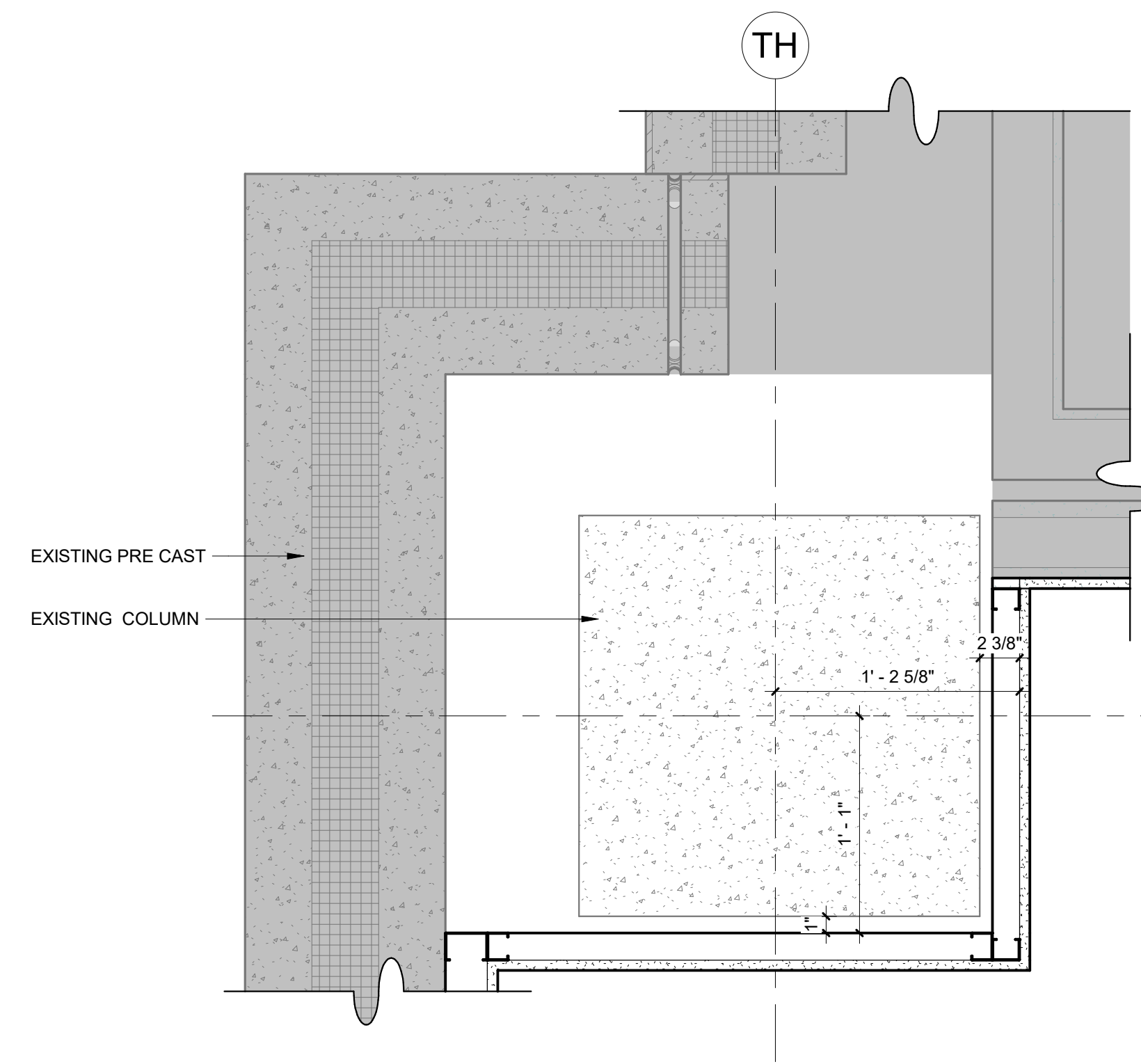
Mercy Project No.: 2040-821203
Date: 11/15/2024
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

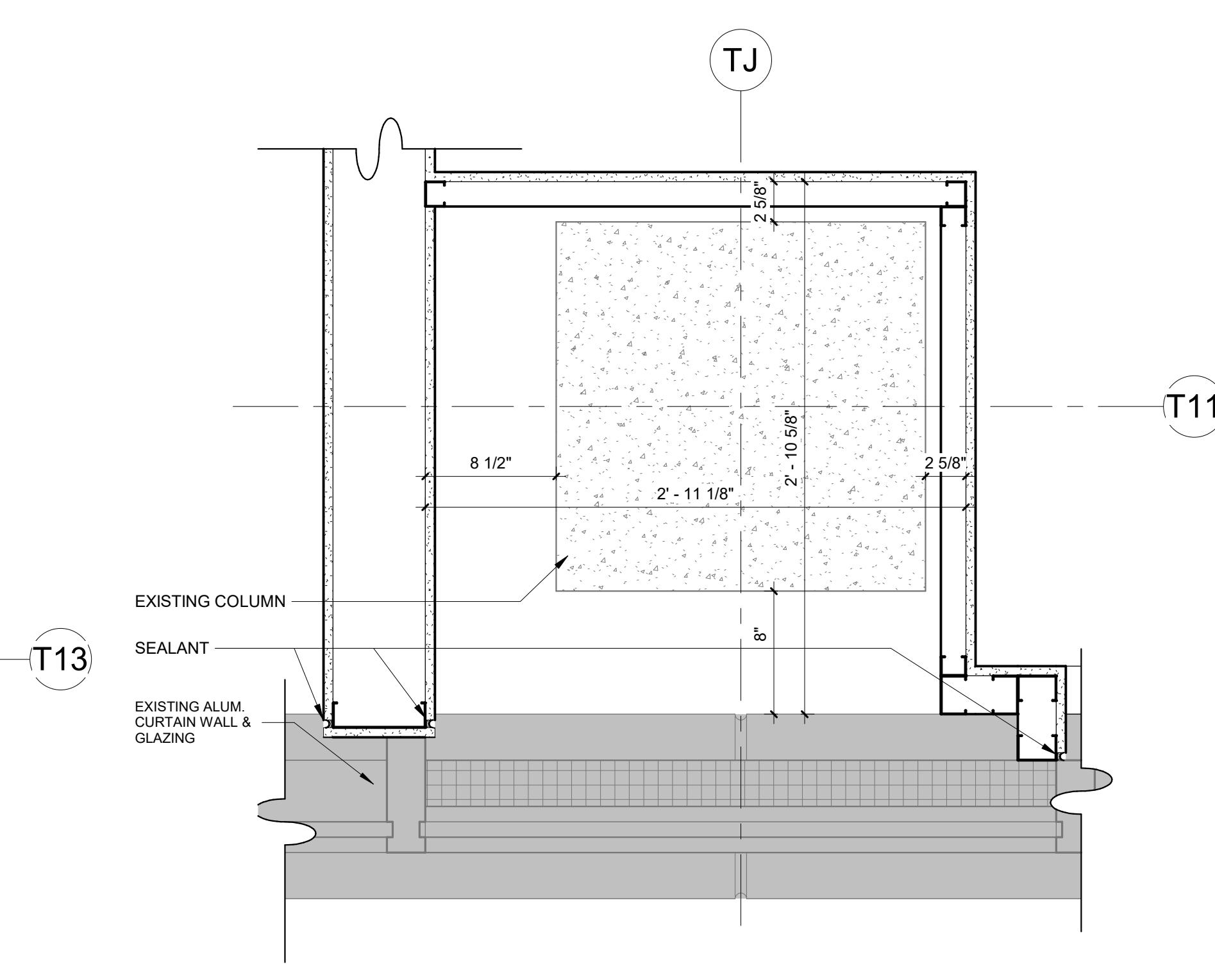
Mercy

A1.3A

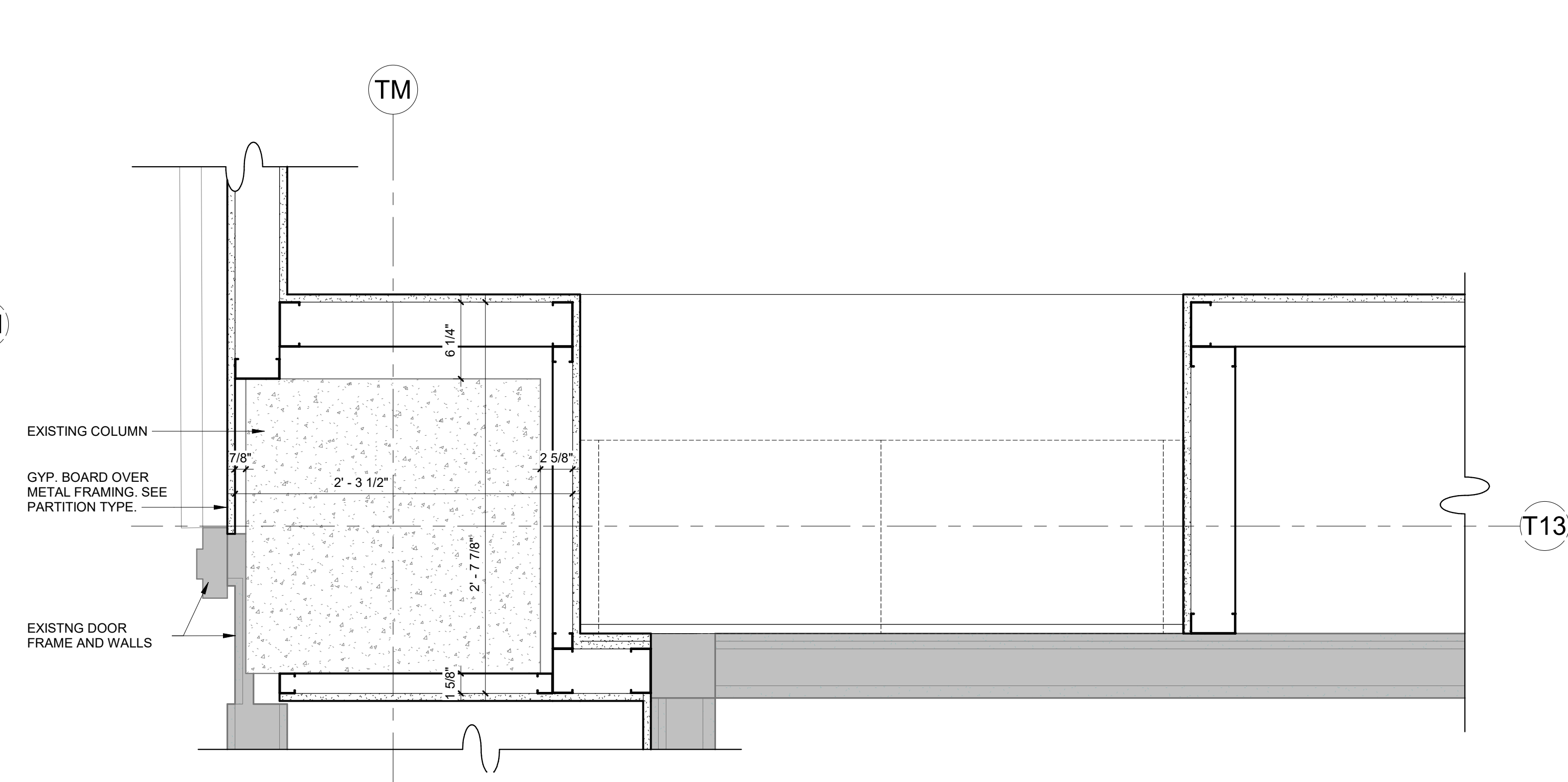




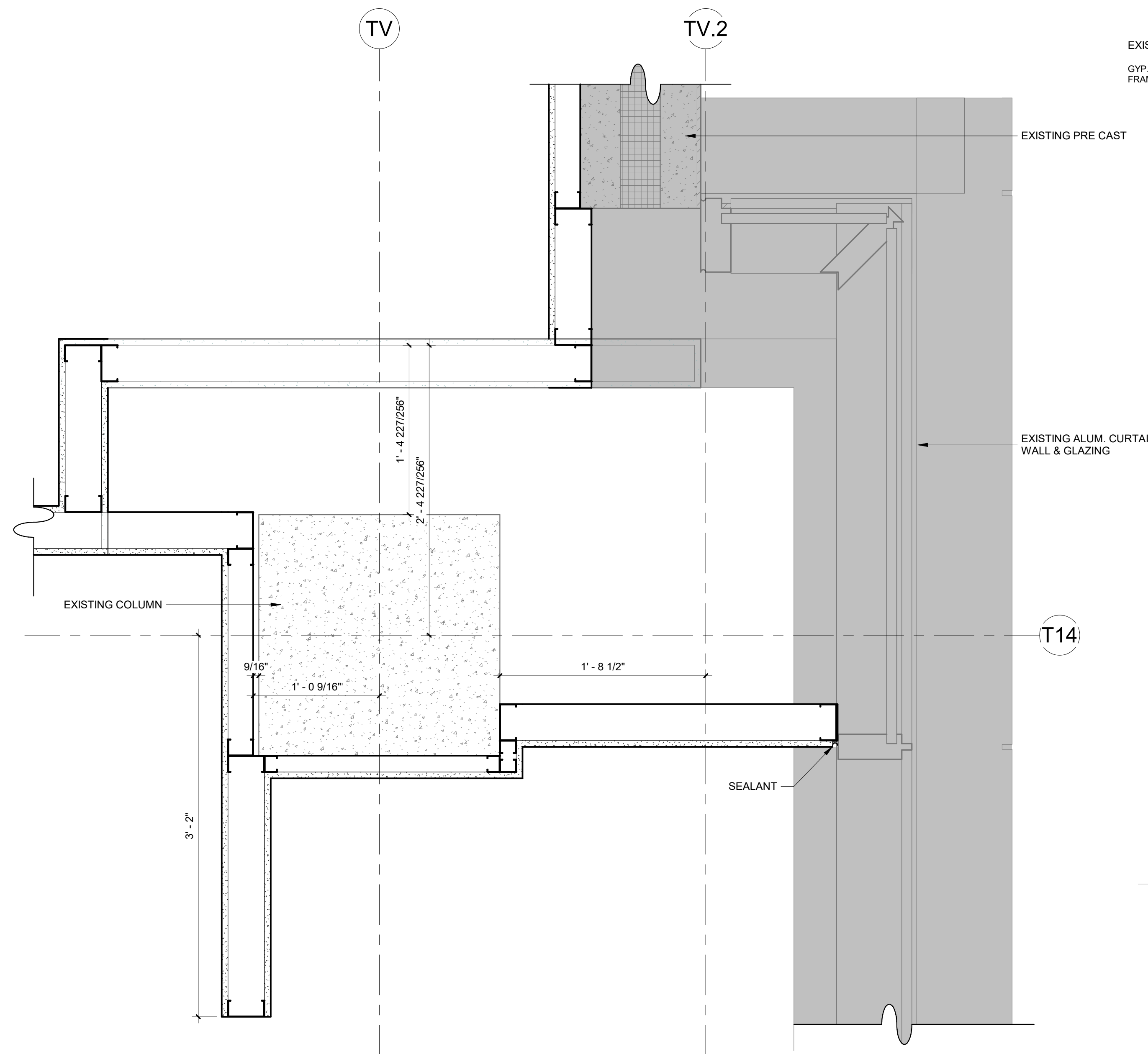
6 PLAN DETAIL - CRITICAL CARE 717 FURROUT
1 1/2" = 1'-0"



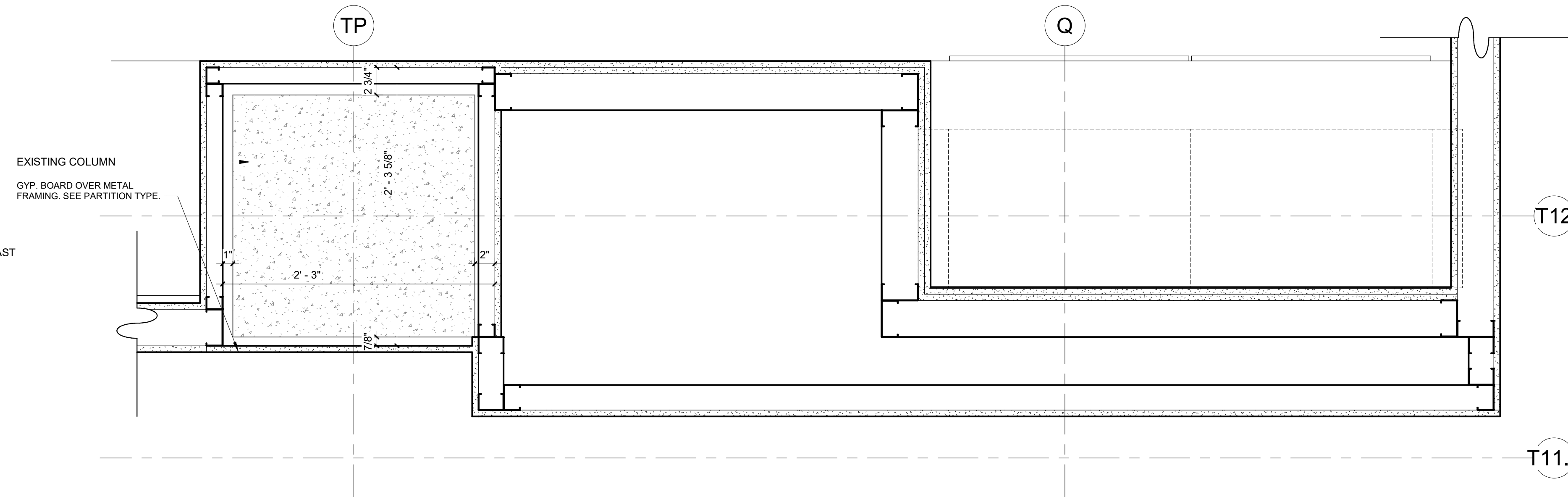
5 PLAN DETAIL - INTERMEDIATE CARE 712 FURROUT
1 1/2" = 1'-0"



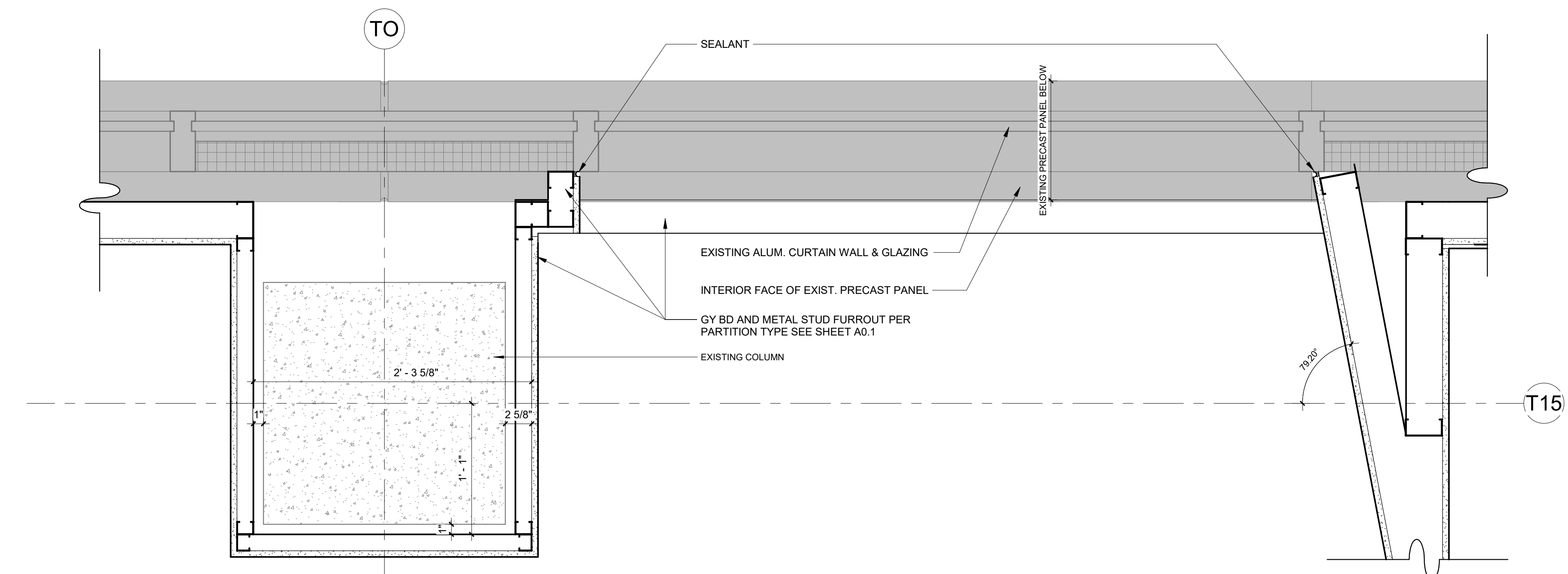
3 PLAN DETAIL - MEDS 7716
1 1/2" = 1'-0"



4 PLAN DETAIL - FAMILY WAITING
1 1/2" = 1'-0"



2 PLAN DETAIL - MEDS 7521
1 1/2" = 1'-0"



1 PLAN DETAIL - CRITICAL CARE WINDOW PLAN
1 1/2" = 1'-0"



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No.	Date	Description

PROGRESS DRAWING
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Scale: 1 1/2" = 1'-0"

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Sheet No.: **A1.3B**

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No.	Date	Description

PROGRESS DRAWING
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Sheet & Rev.

Mercy Project No.: 2040-821203
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

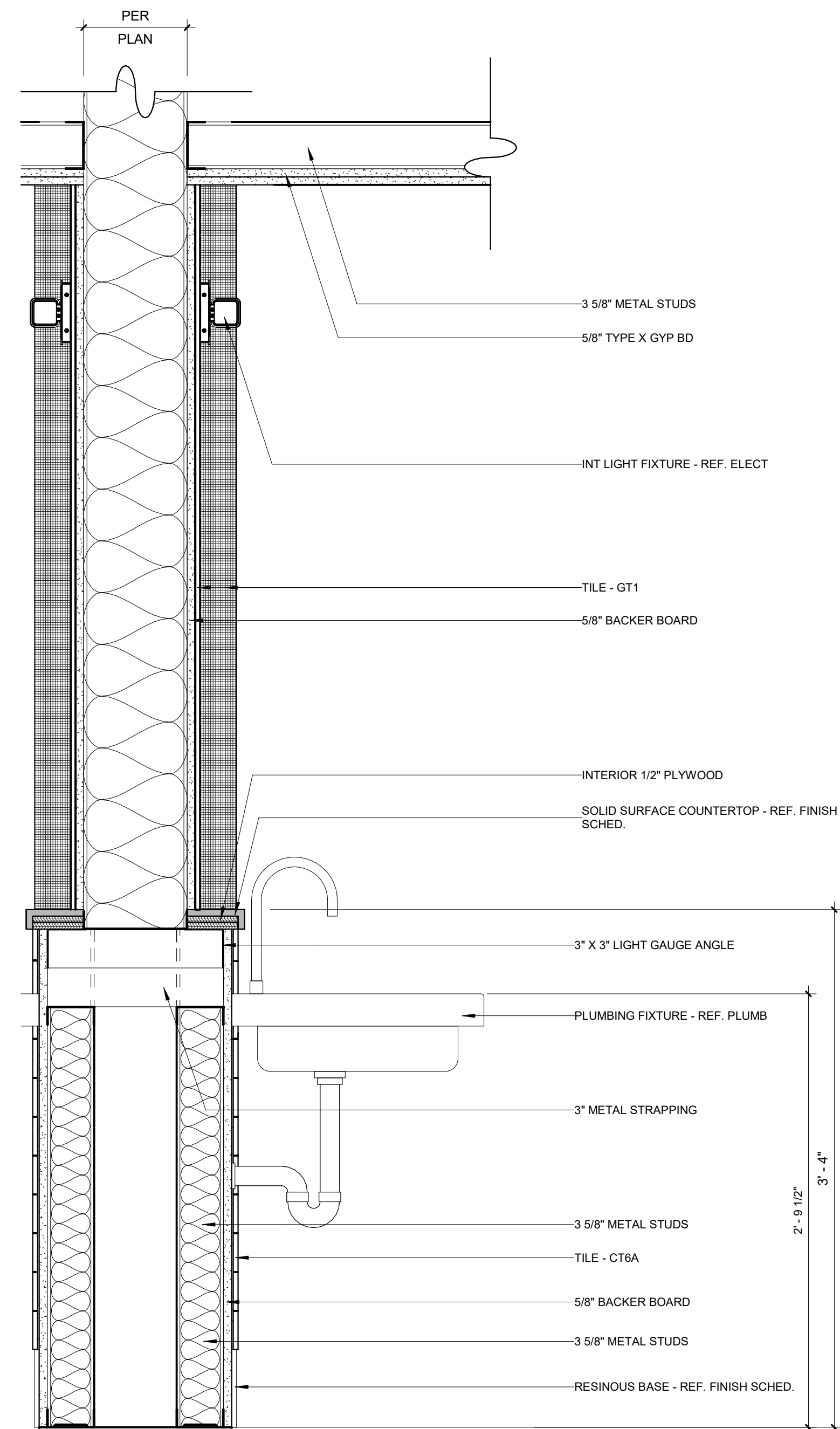
PLAN AND SECTION DETAILS



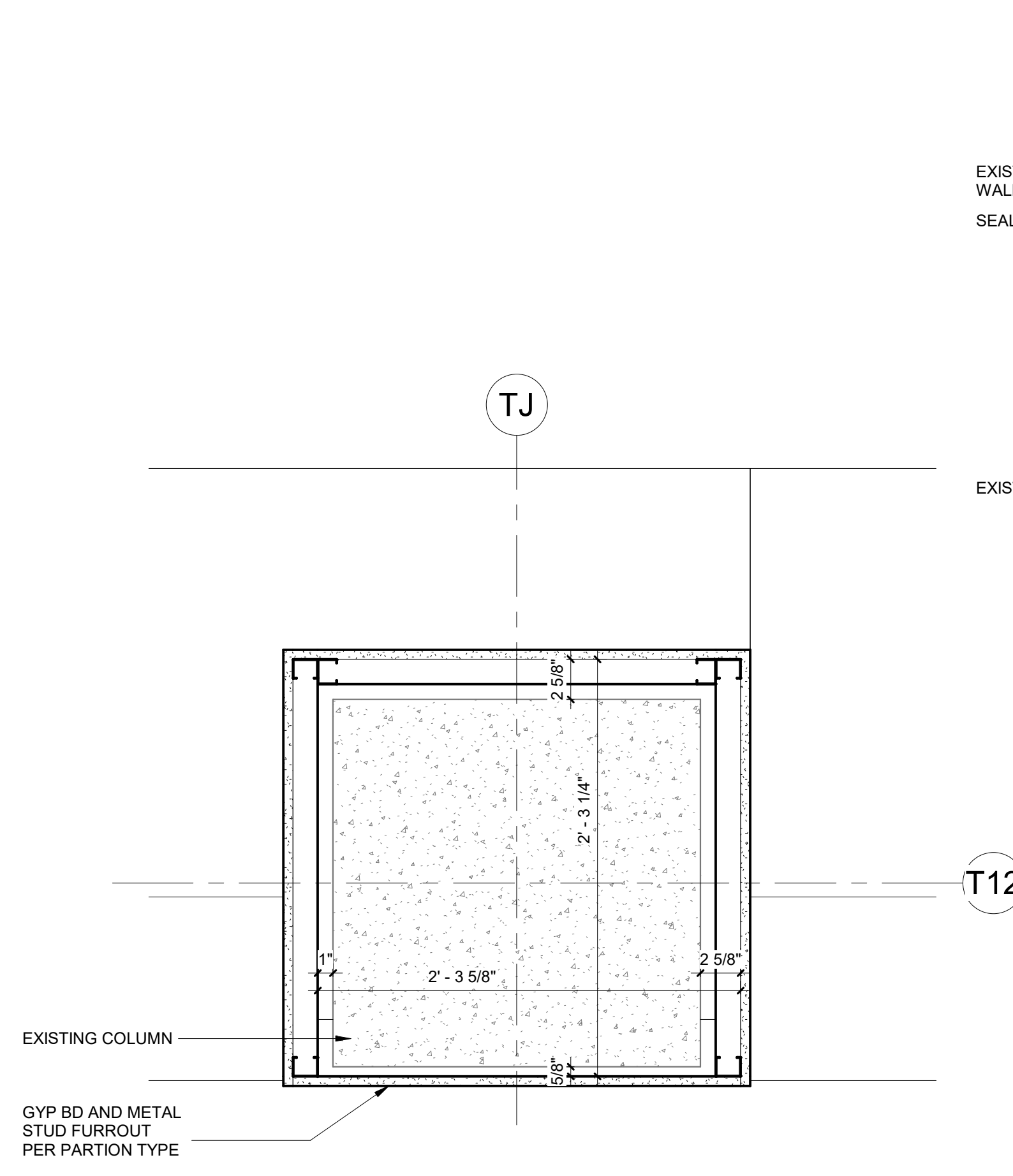
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Sheet No.

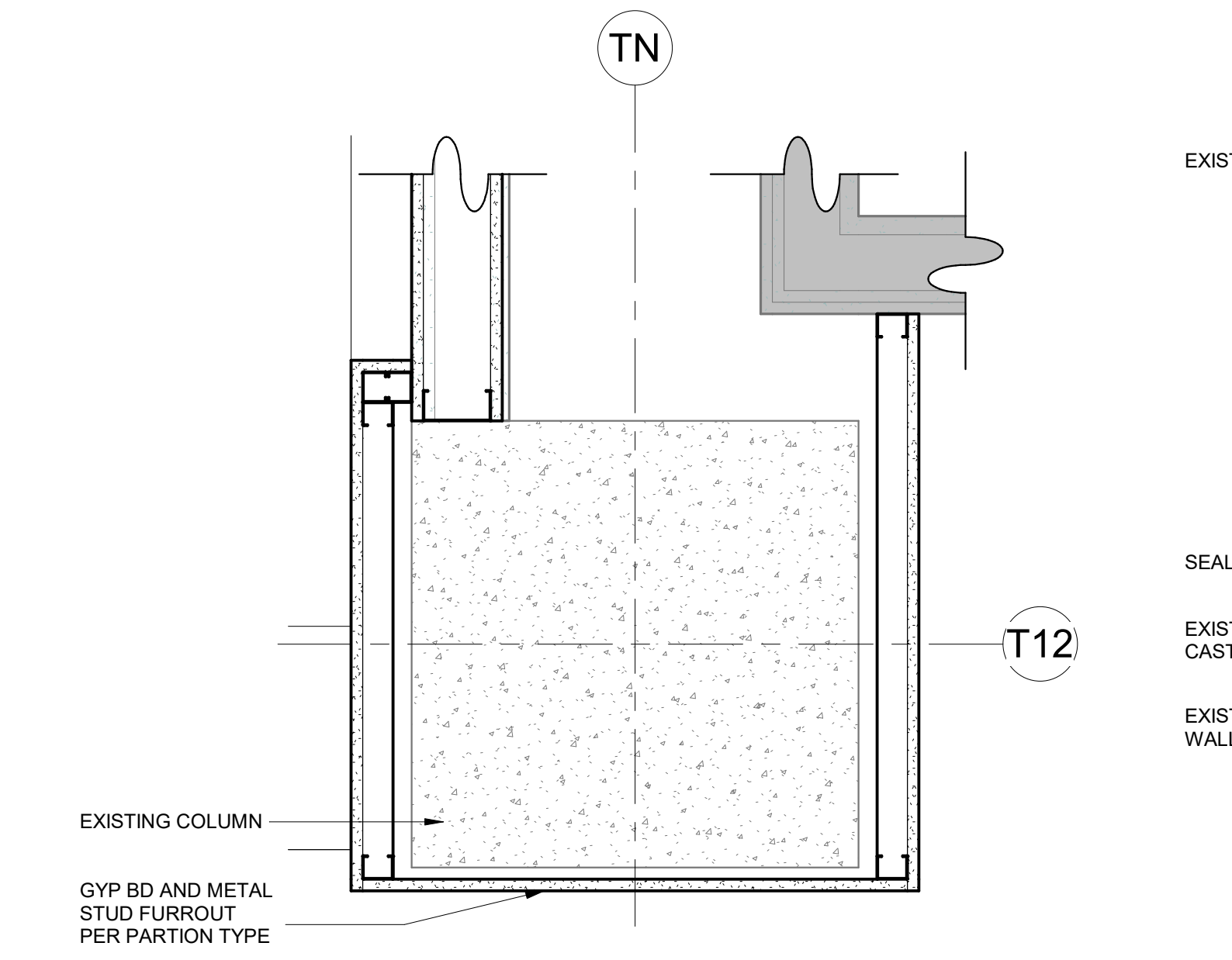
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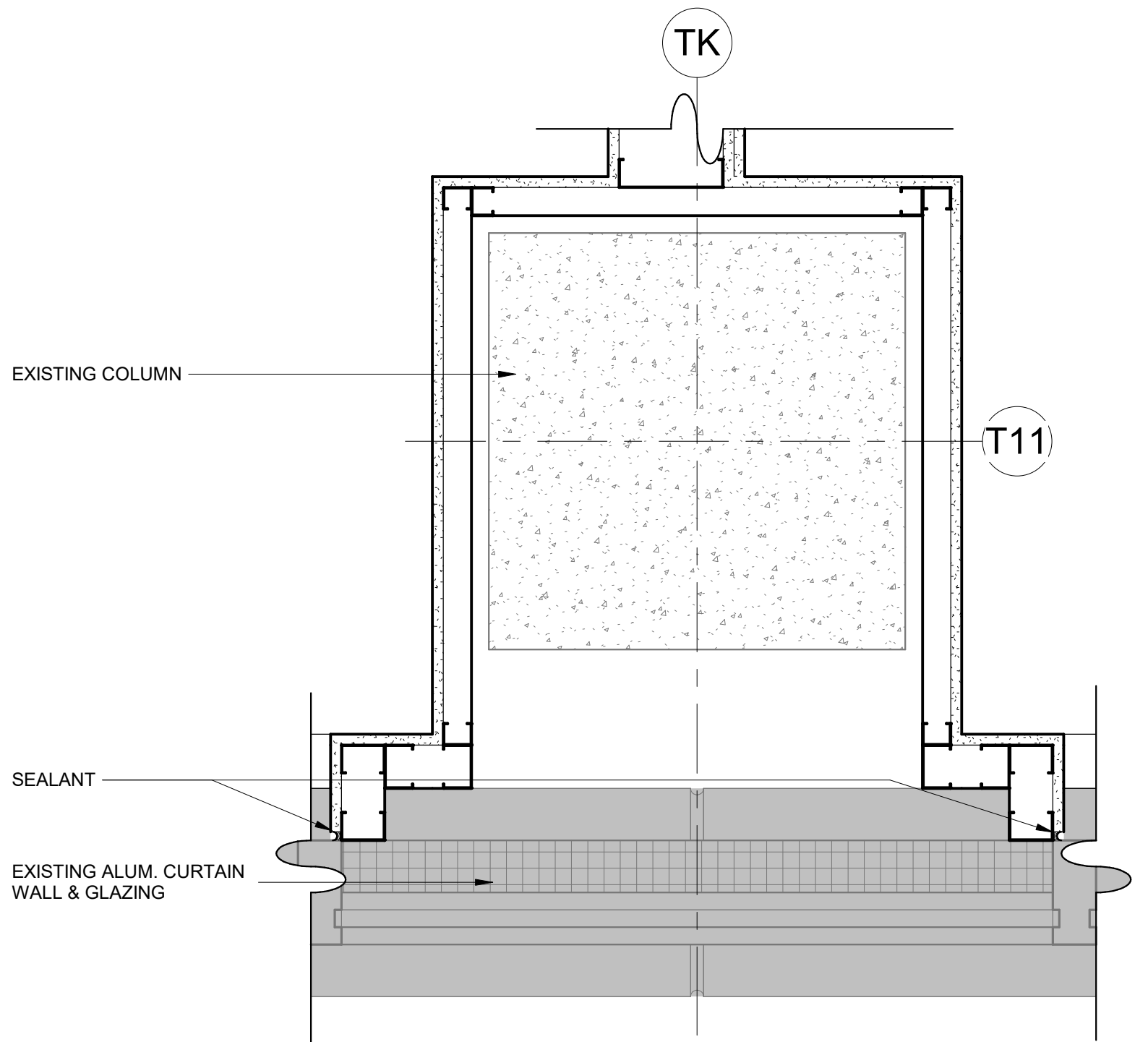
10 TYPICAL PT TLT SECTION @ SINK
1 1/2" = 1'-0"



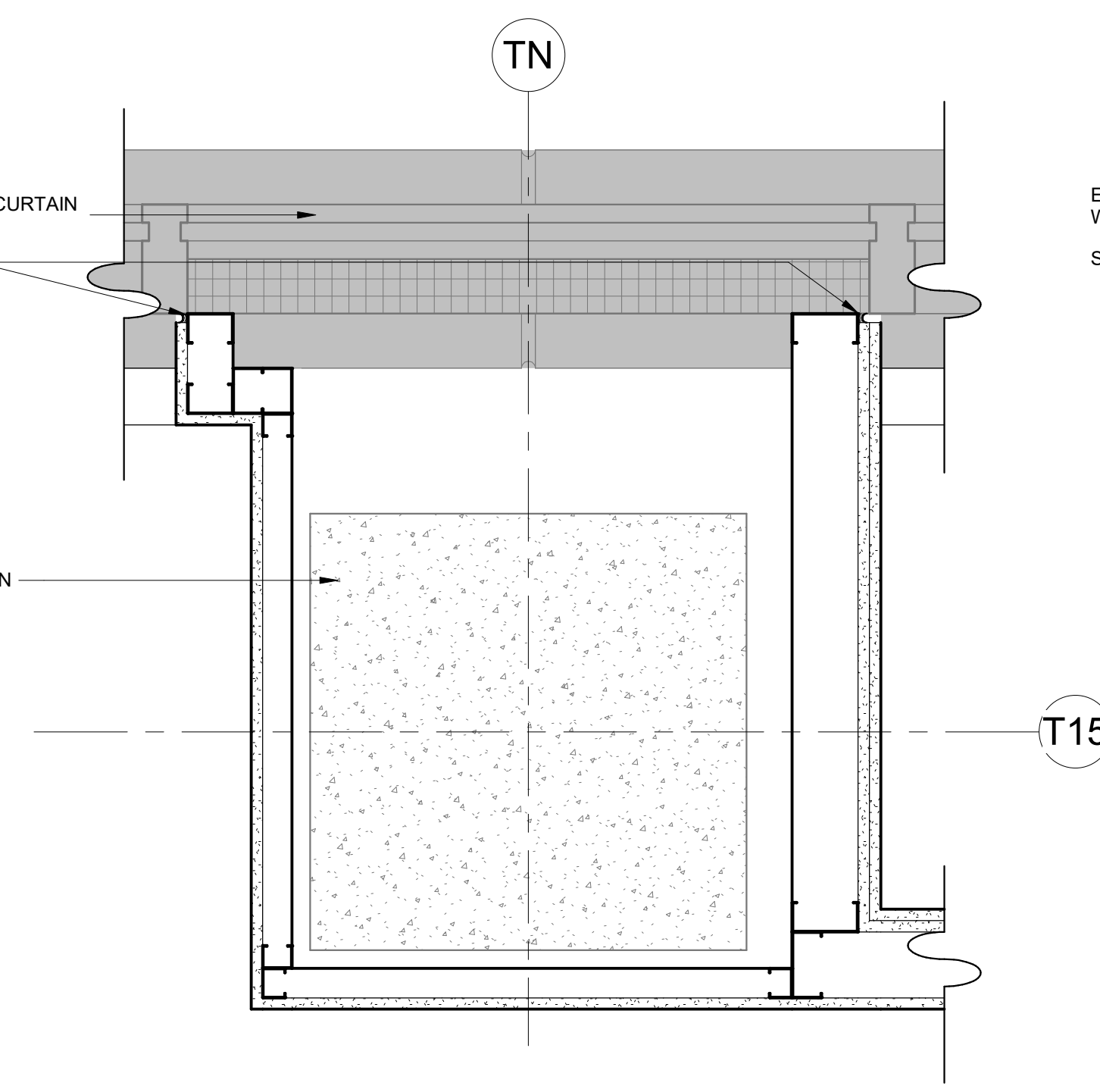
9 PLAN DETAIL - NURSE STATION 7811 FURROUT
1 1/2" = 1'-0"



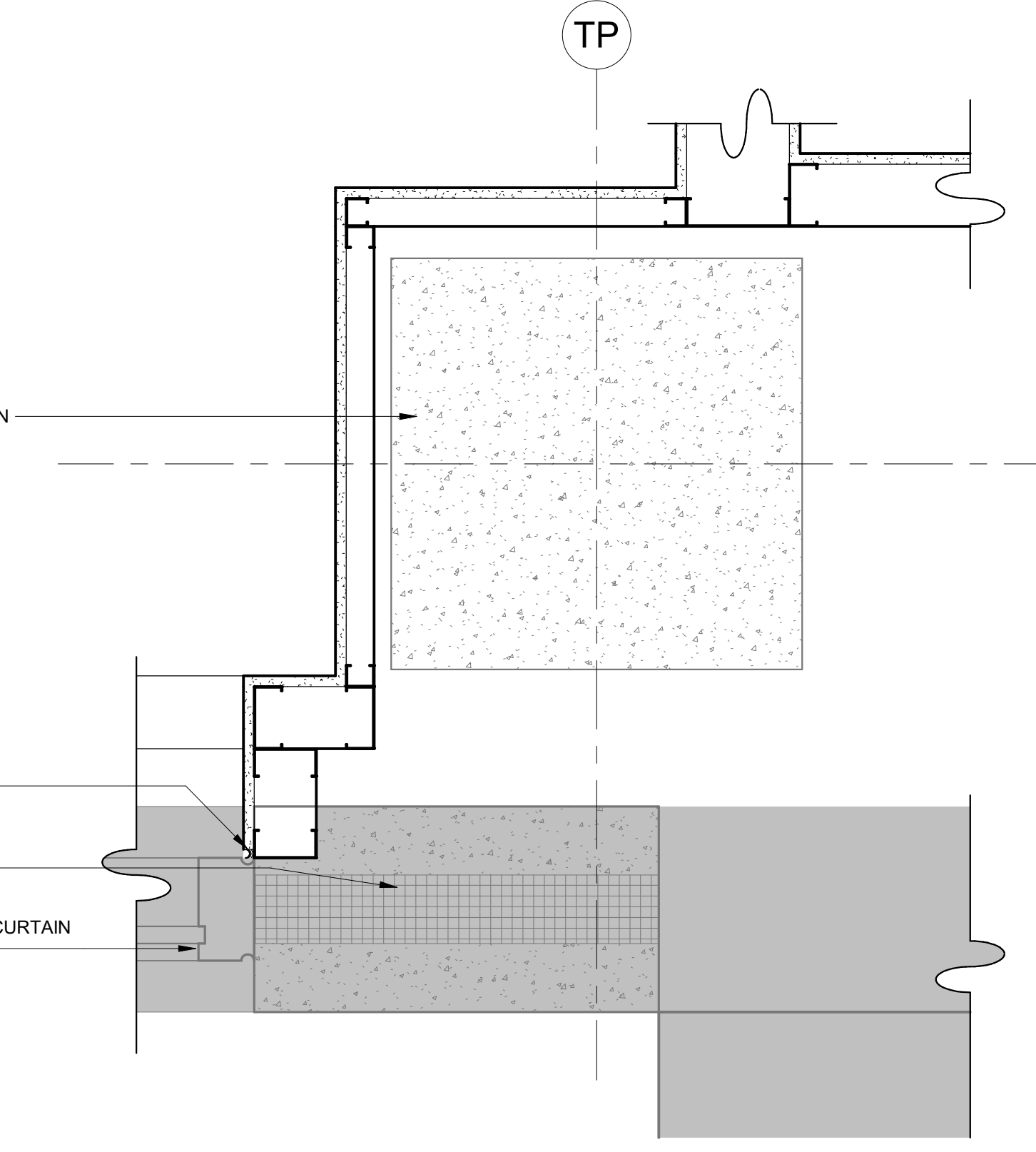
8 PLAN DETAIL - BENCH 100.31 COLUMN FURROUT
1 1/2" = 1'-0"



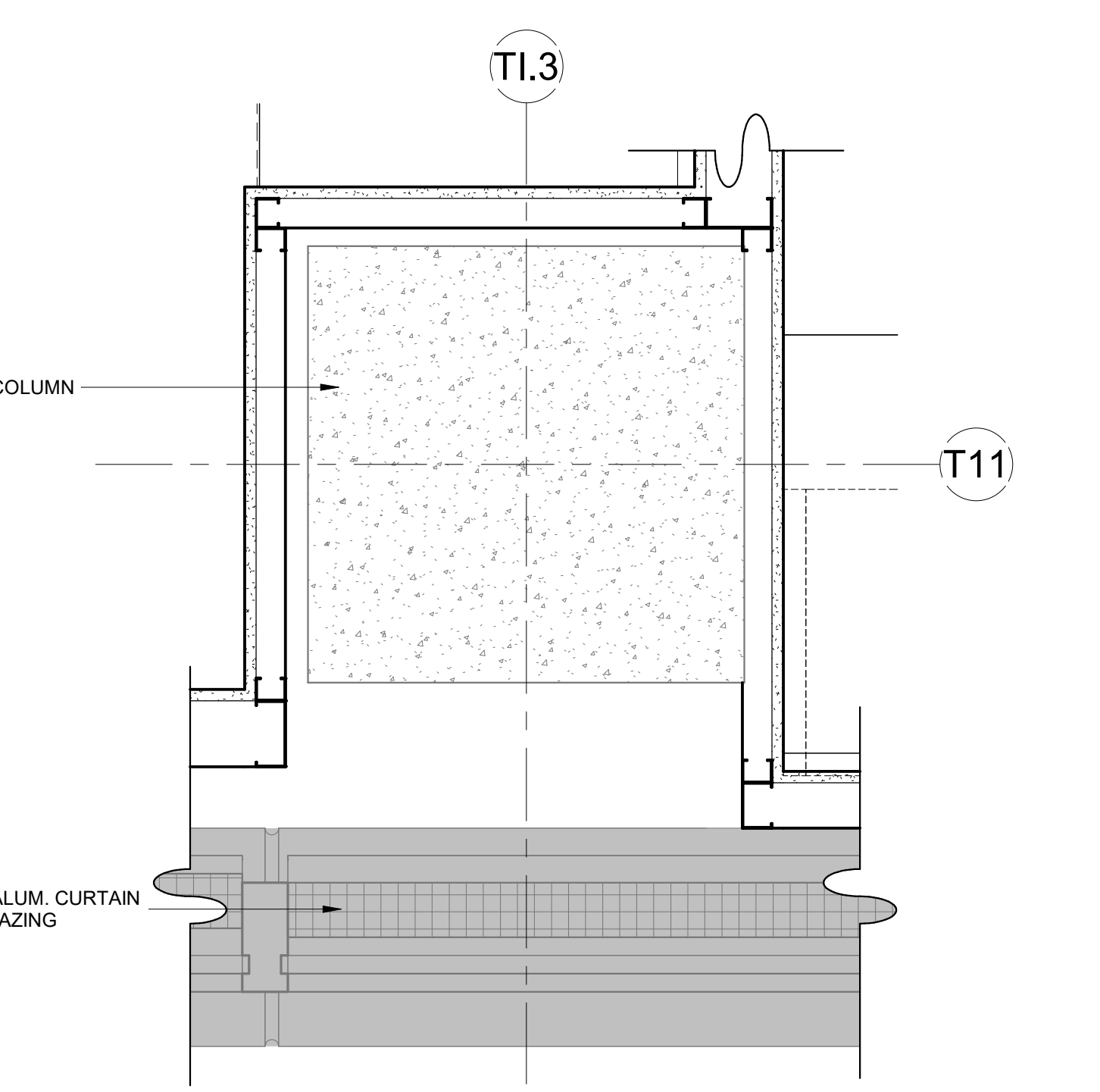
7 PLAN DETAIL - INTERMEDIATE CARE FURROUT TYP.
1 1/2" = 1'-0"



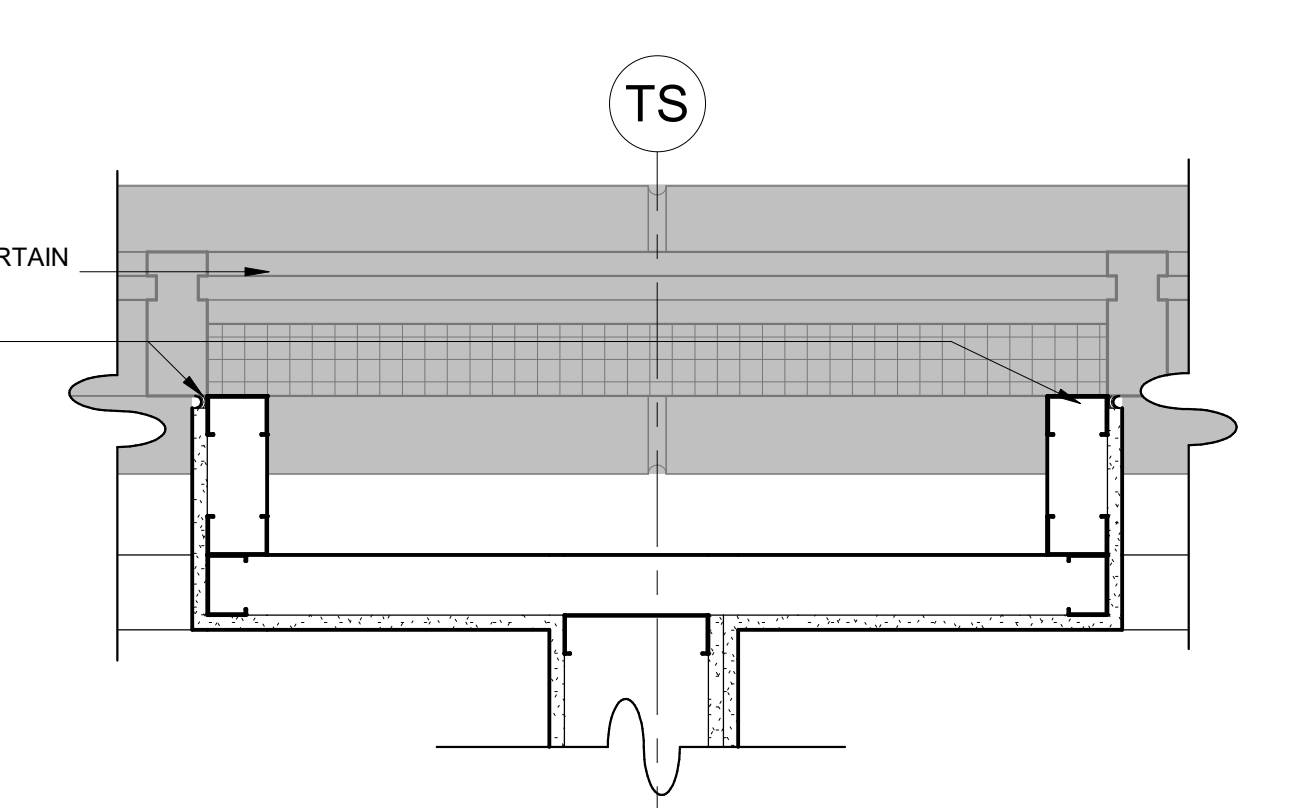
6 PLAN DETAIL - CRITICAL CARE FURROUT TYP.
1 1/2" = 1'-0"



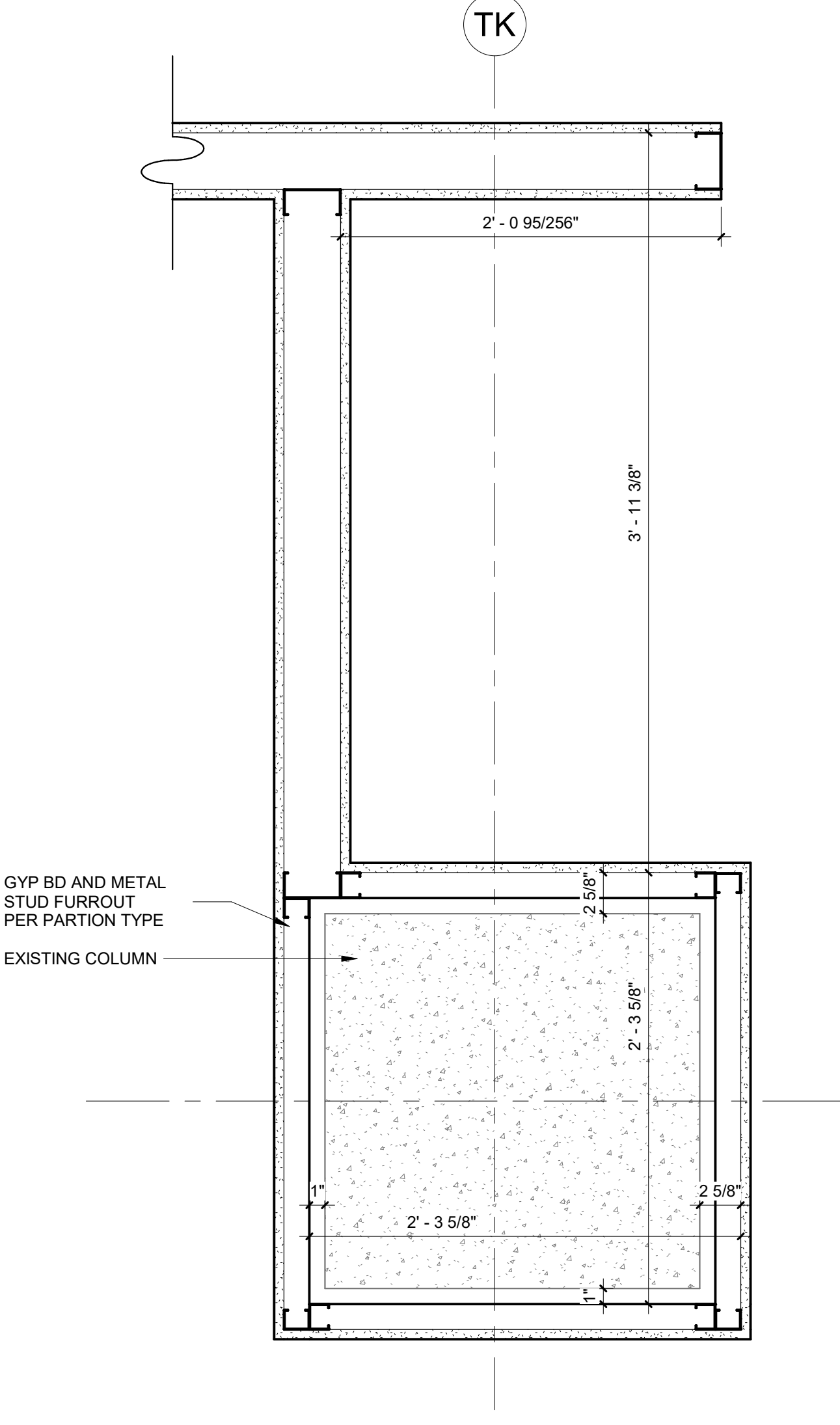
5 PLAN DETAIL - INTERMEDIATE CARE 701 FURROUT
1 1/2" = 1'-0"



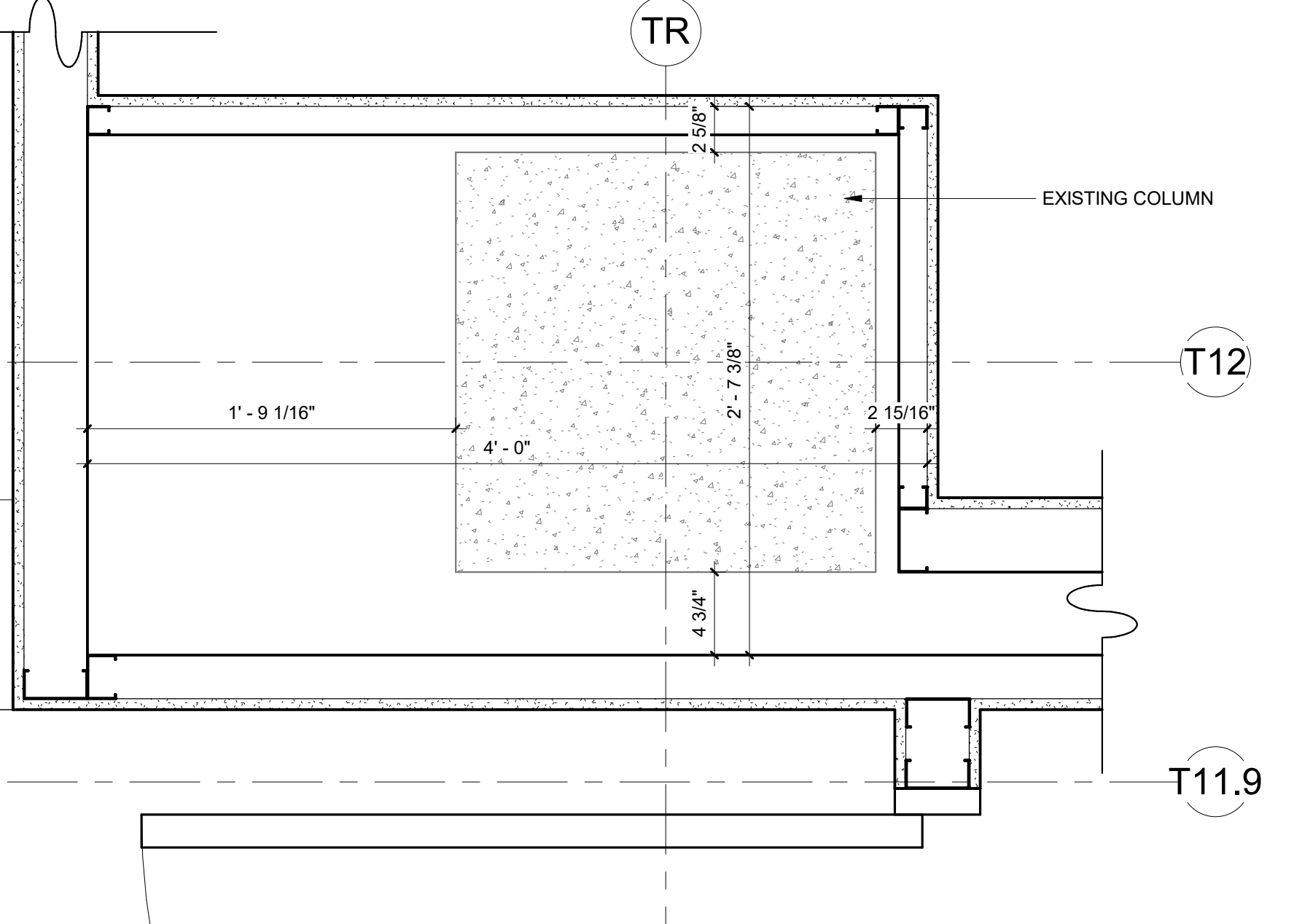
4 PLAN DETAIL - CRITICAL CARE 714 FURROUT
1 1/2" = 1'-0"



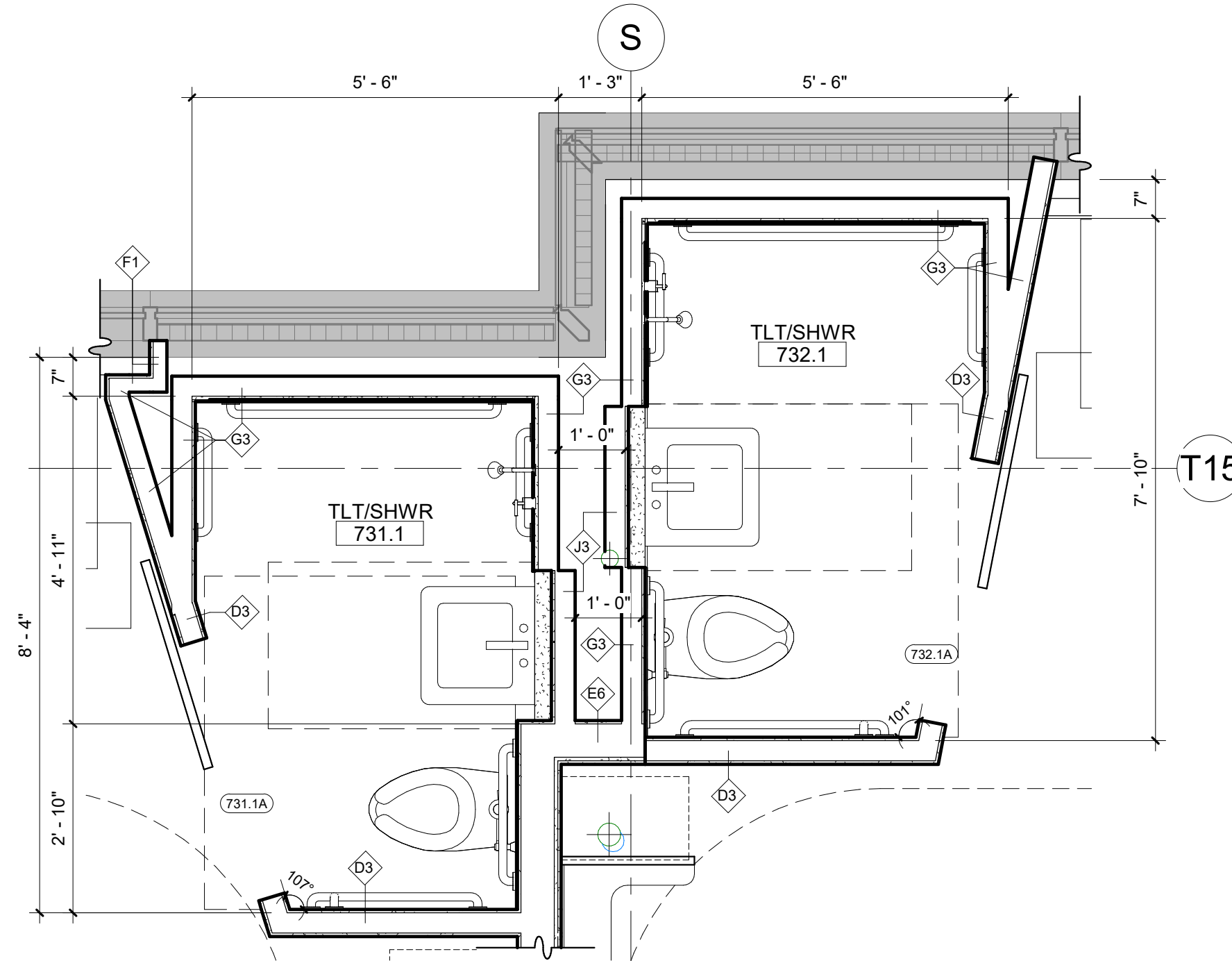
3 PLAN DETAIL - CRITICAL CARE 732 & 733 FURROUT
1 1/2" = 1'-0"



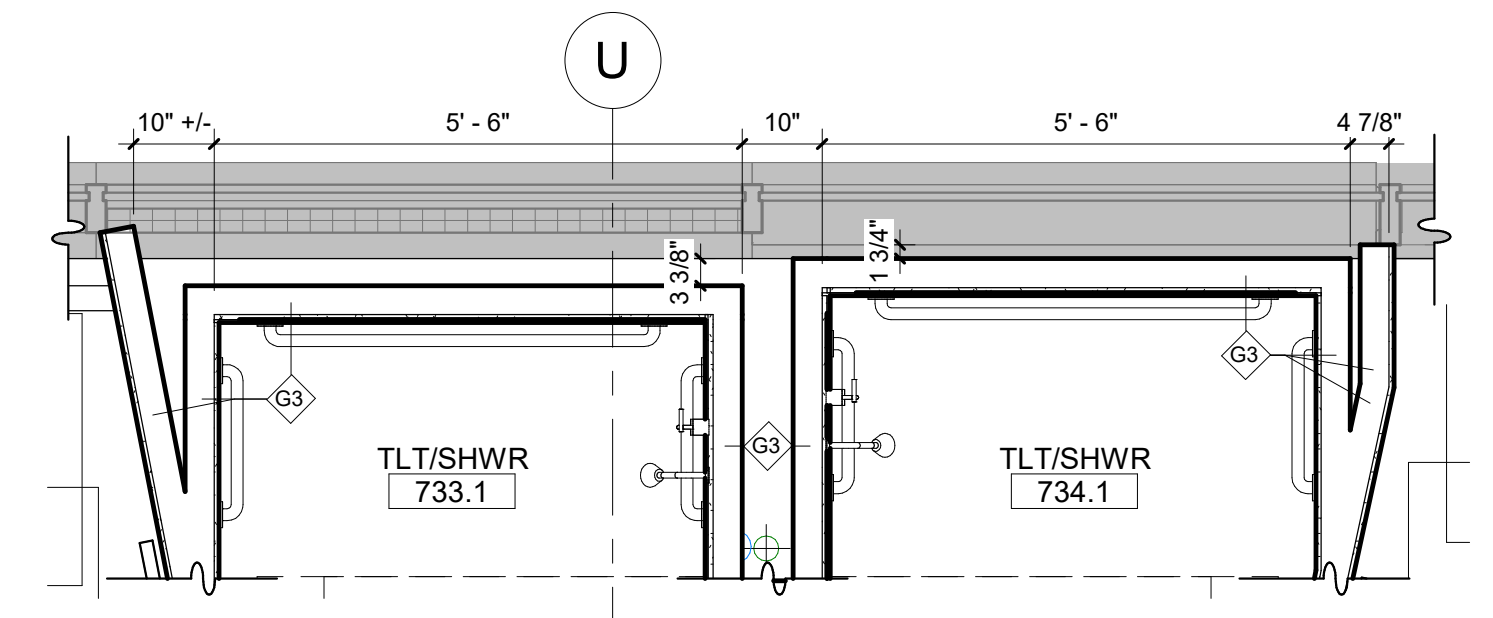
2 PLAN DETAIL - EQUIPMENT 7816 FURROUT
1 1/2" = 1'-0"



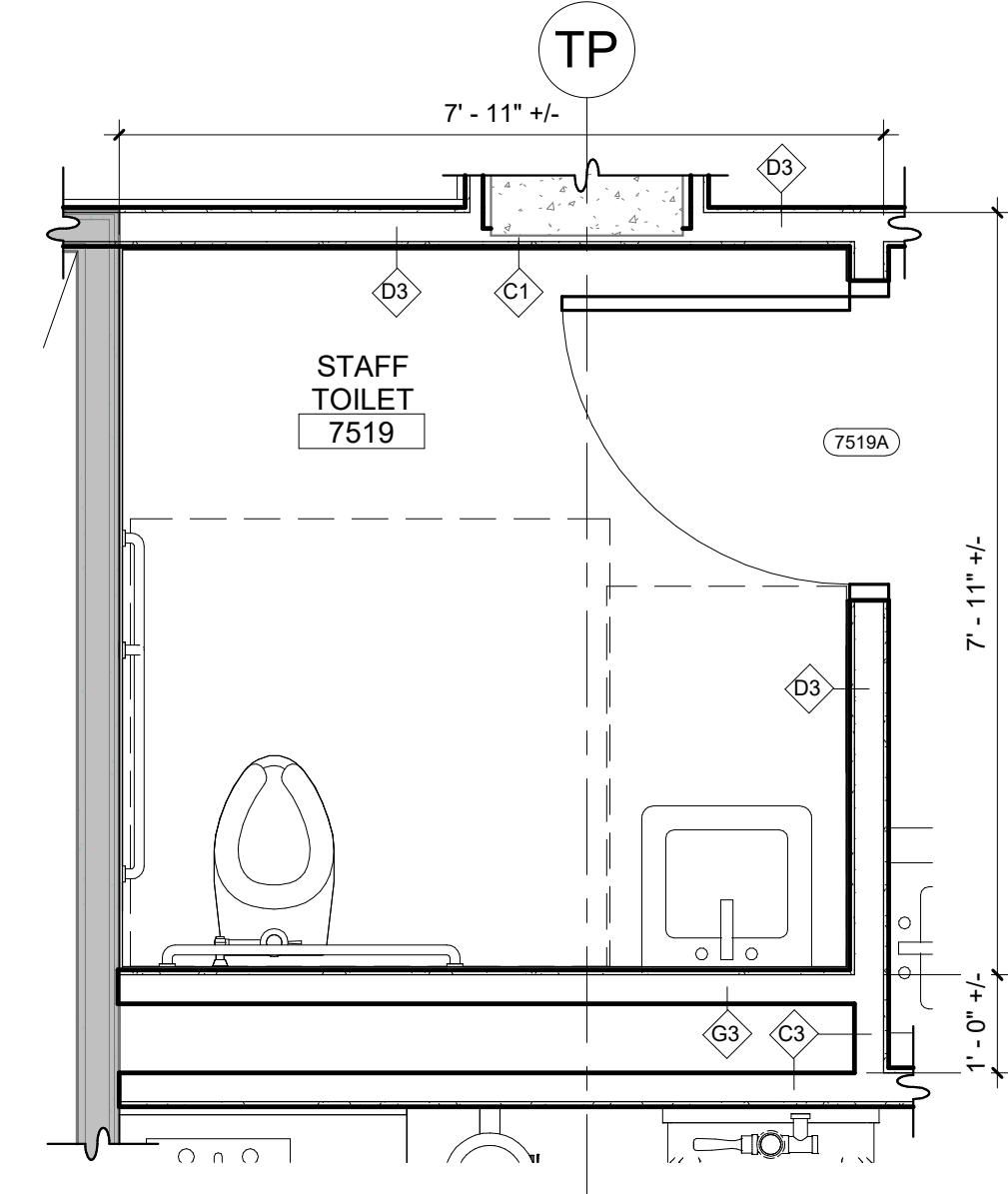
1 PLAN DETAIL - DOCUMENTATION 7522 FURROUT
1 1/2" = 1'-0"



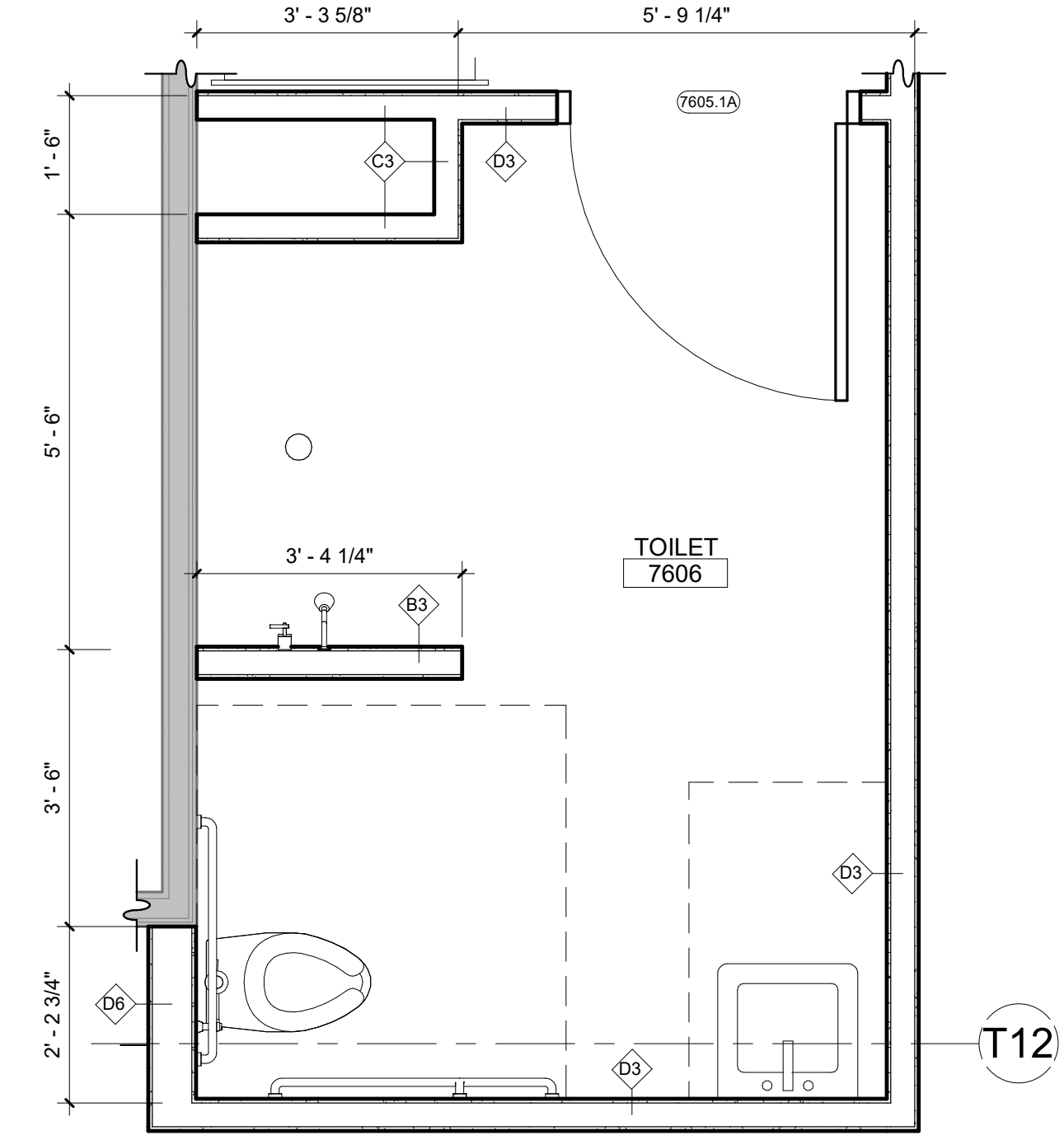
6 ENLARGED FLOOR PLAN - PATIENT TLTS 731.1 & 732.1
1/2" = 1'-0"



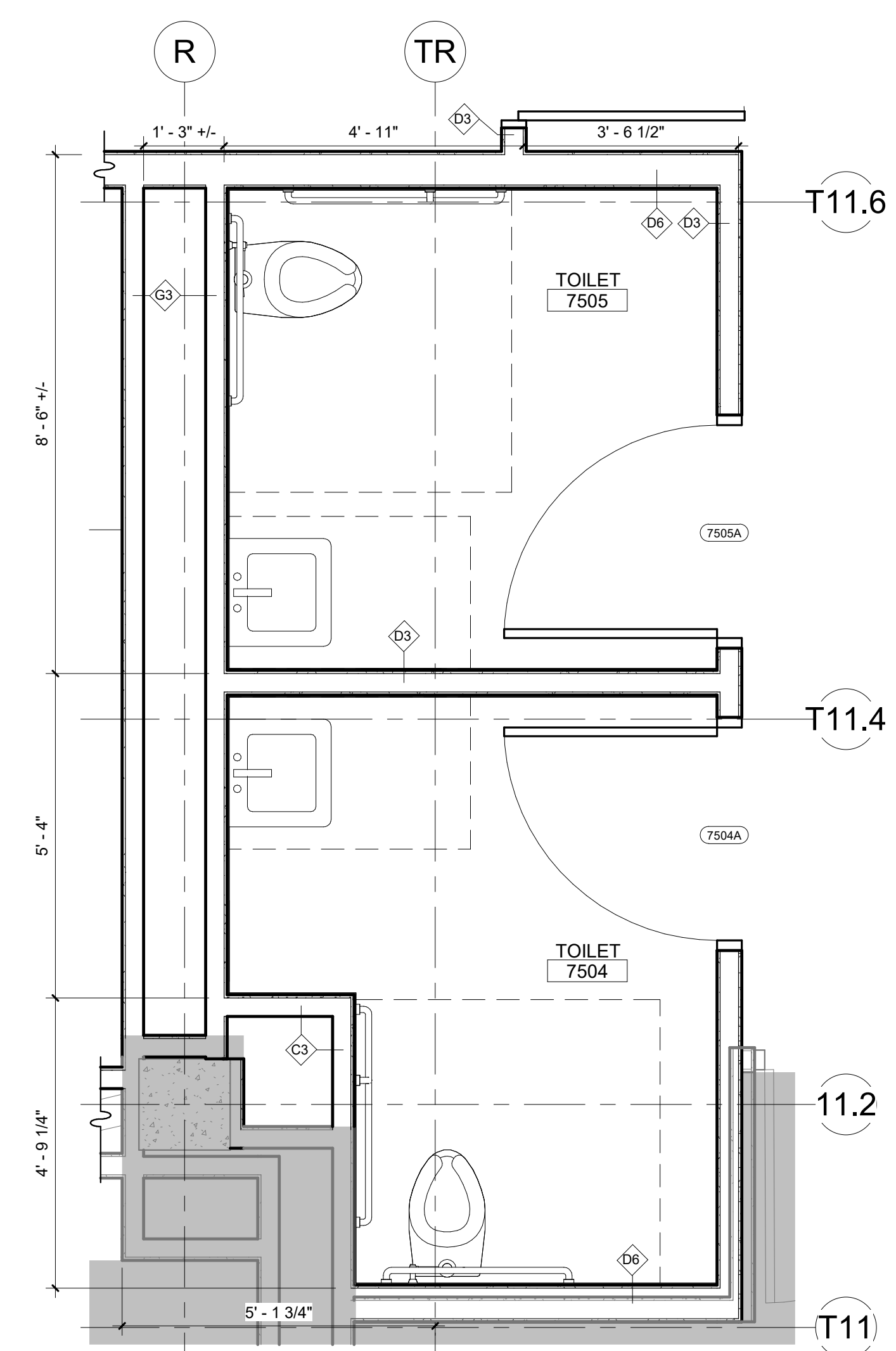
3 ENLARGED FLOOR PLAN - PATIENT TLTS 733.1 & 734.1
1/2" = 1'-0"



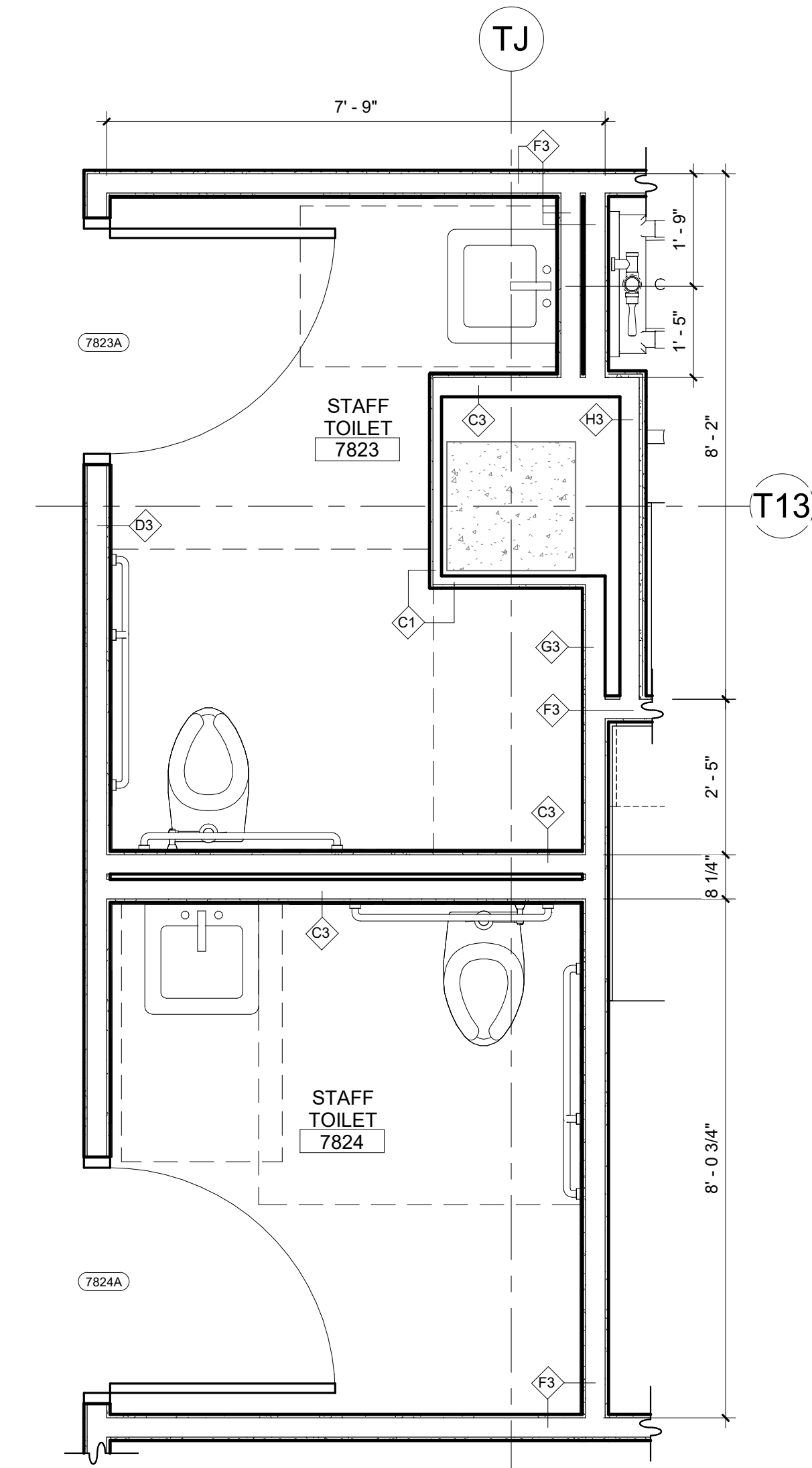
5 ENLARGED FLOOR PLAN - STAFF TLT 7519
1/2" = 1'-0"



2 ENLARGED FLOOR PLAN - TLT 7606
1/2" = 1'-0"



4 ENLARGED FLOOR PLAN - TLTS 7504 & 7505
1/2" = 1'-0"



1 ENLARGED FLOOR PLAN - TLTS 7823 & 7824
1/2" = 1'-0"

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No.	Date	Description

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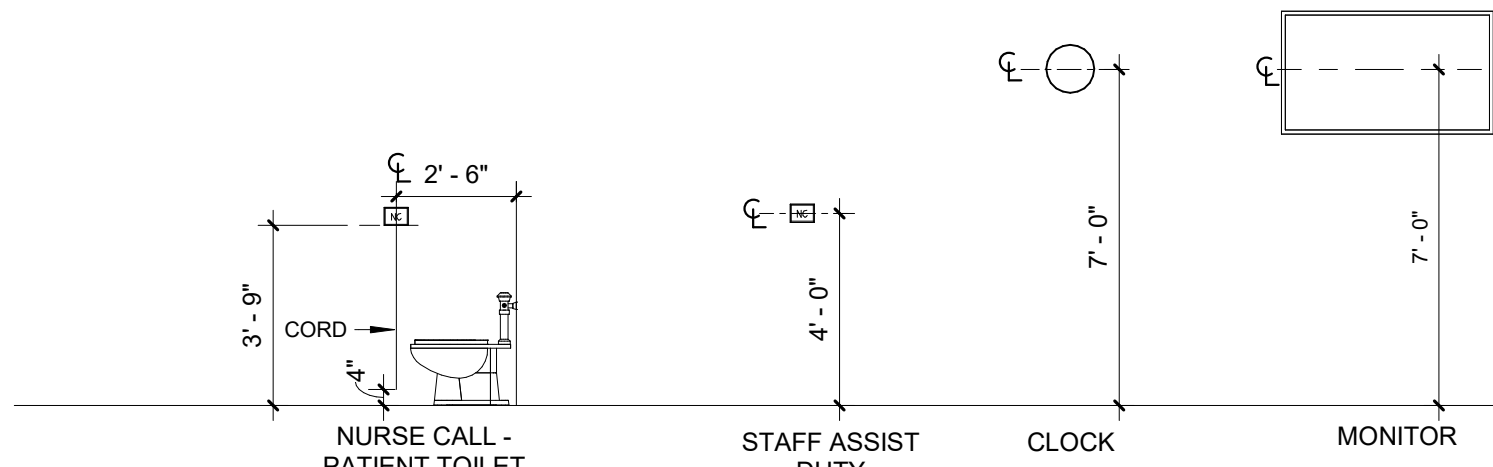
Project No.: 2040-821203
Date: 11/15/2024
Scale: 1/2" = 1'-0"

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MOUNTING HEIGHT GENERAL NOTES:

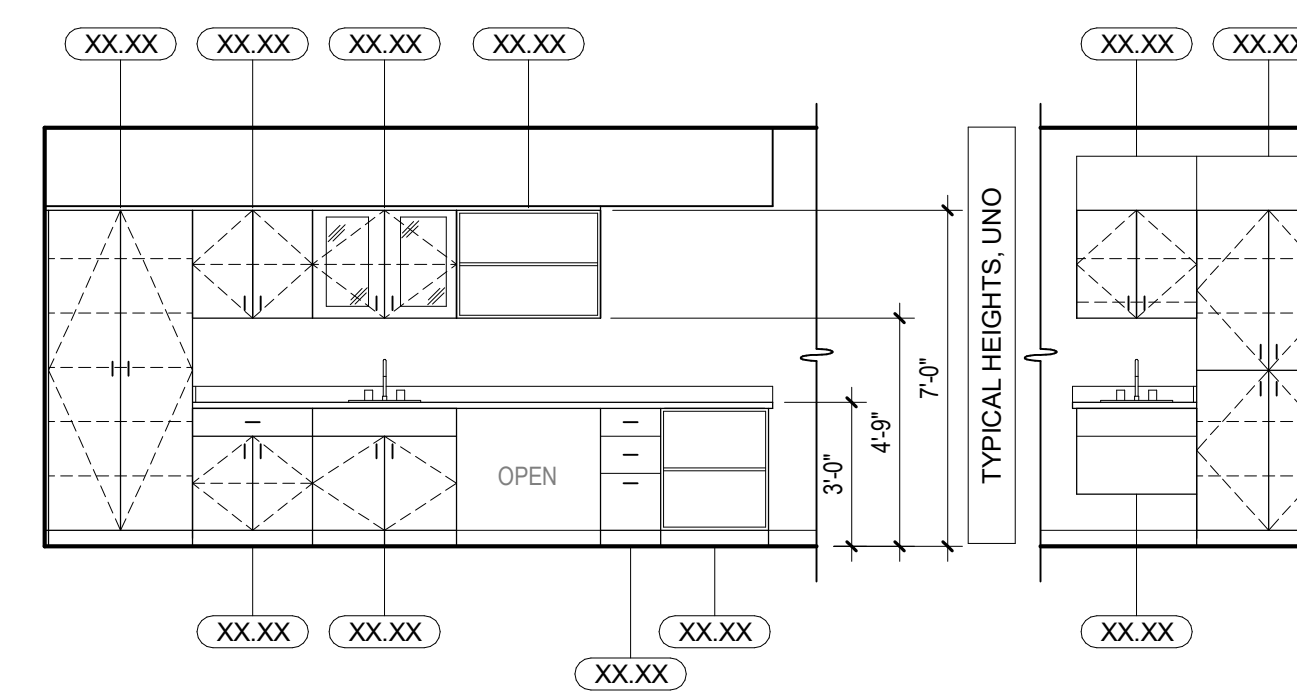
- CONTRACTOR TO VERIFY ALL FIXTURE TYPES & SIZES WITH MANUFACTURER.
- CONTRACTOR TO COORDINATE INSTALLATION WITH MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERS FOR MEP EQUIPMENT.
- CONTRACTOR TO COORDINATE INSTALLATION WITH OWNER FOR OWNER PROVIDED ITEMS.



MEDICAL

ACCESSORIES

*ENSURE ITEMS ARE LOCATED AT LEAST 6" AWAY FROM LIGHT SWITCHES AND OUTLETS



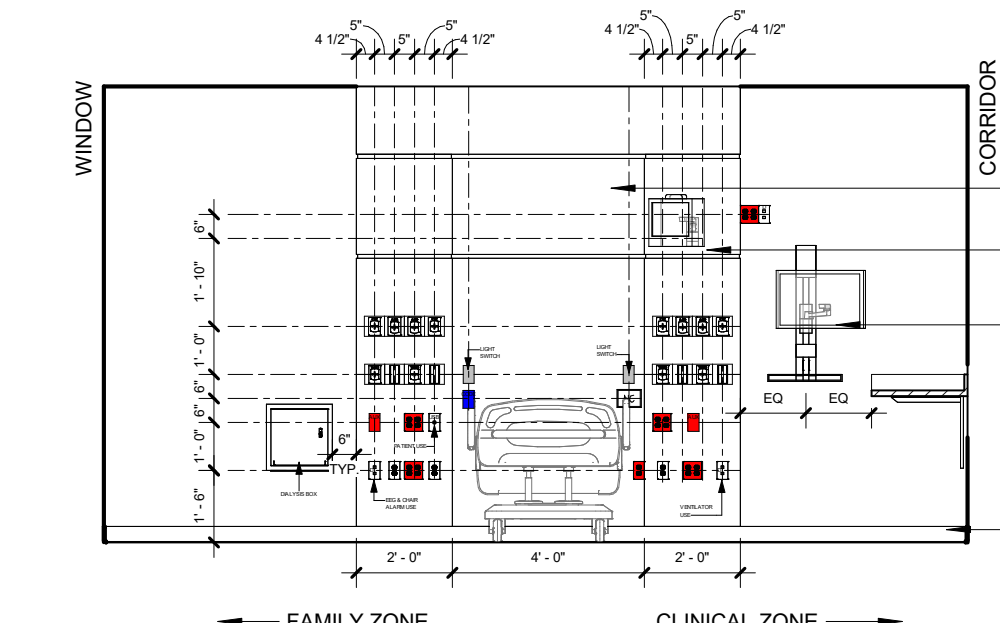
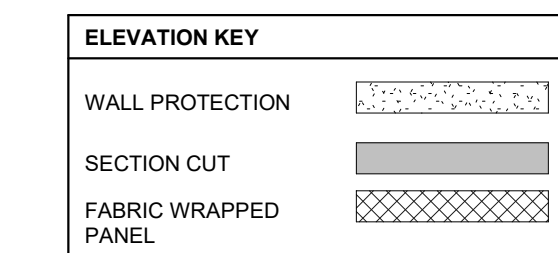
COHEN MILLWORK CATALOG REFERENCE

XXXX

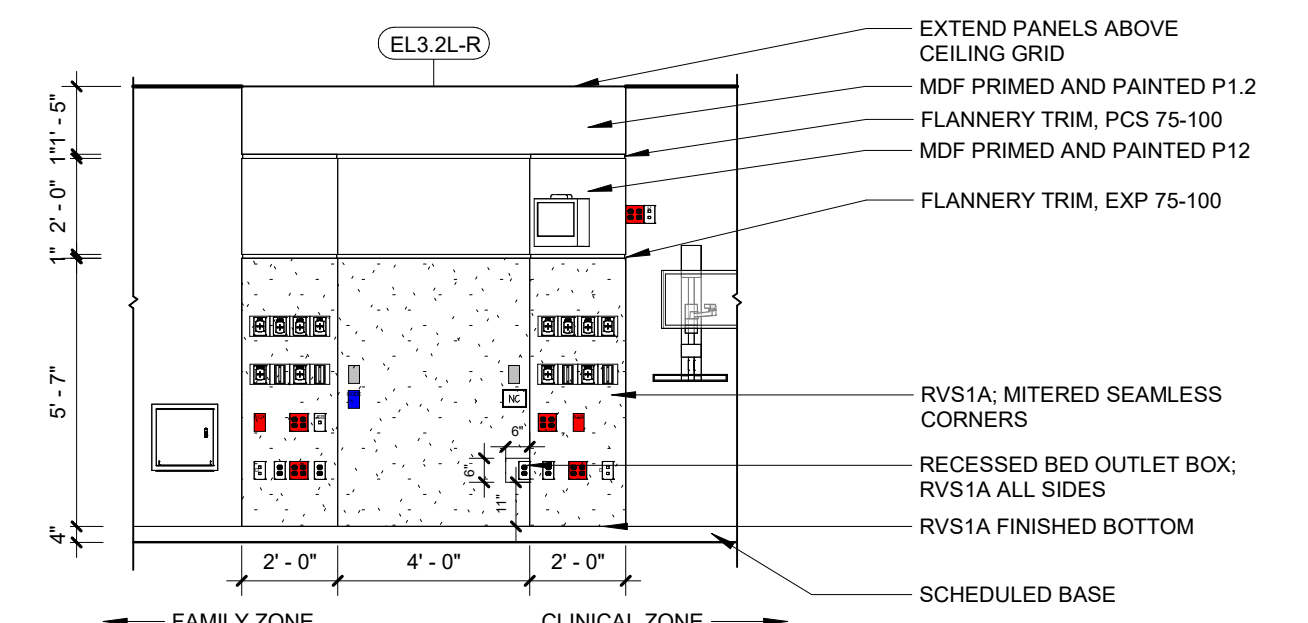
GENERAL CASEWORK NOTES:

- PROVIDE FINISHED PANELS AT ALL EXPOSED SURFACES. FINISH IS PLASTIC LAMINATE UNLESS OTHERWISE NOTED.
- BASE CABINETS ARE 2'-0" DEEP UNLESS OTHERWISE NOTED.
- WALL CABINETS ARE 1'-3" DEEP UNLESS OTHERWISE NOTED.
- REFER TO FINISH LEGEND FOR CASEWORK MATERIAL SELECTIONS.
- FIELD VERIFY ALL DIMENSIONS.
- COORDINATE CASEWORK WITH OWNER FURNISHED EQUIPMENT LOCATED WITHIN, ON, OR ADJACENT TO CASEWORK.
- REFER TO EQUIPMENT SHEETS FOR FURTHER INFORMATION.
- CASEWORK TO BE ANCHORED TO WALL AND FLOOR.
- DIMENSIONS ARE FROM FACE OF GYP TO FACE OF GYP.
- APPLY CLEAR SILICONE CAULK TO MATCH ADJACENT SURFACE BETWEEN 2 JOINTS: ONE JOINT BETWEEN TOP OF BACKSPLASH AND WALL, A SECOND JOINT BETWEEN COUNTERTOP AND BOTTOM OF BACKSPLASH.
- COUNTERTOP SUPPORT BRACKETS SHALL SPAN A MAXIMUM OF 36" O.C.
- G.C. TO INSTALL ALL TOILET ACCESSORIES ACCORDING TO ADA AND ANSI REGULATIONS.
- COUNTERTOPS BETWEEN TWO WALLS TO RECEIVE SIDESPLASHES U.N.O.
- GENERAL CONTRACTOR SHALL PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED EQUIPMENT AND FIXTURES AS REQUIRED. COORDINATE MOUNTING HEIGHTS WITH OWNER, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DOCUMENTS. DIFFERENCES BETWEEN ARCHITECTURAL & MEP DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN A TIMELY MANNER.
- GENERAL CONTRACTOR SHALL COORDINATE EQUIPMENT UTILITY REQUIREMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DOCUMENTS. DIFFERENCES BETWEEN ARCHITECTURAL & MEP DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN A TIMELY MANNER.
- PROVIDE FILLER PANELS W/ SUFFICIENT WIDTH TO ALLOW FULL UNOBSTRUCTED DOOR OPERATION TYP.
- REFER TO COHEN MILLWORK GUIDELINES FOR STANDARD MILLWORK DETAILS.
- COORDINATE W/ ELECTRICAL TO ENSURE ABOVE COUNTER OUTLETS ARE A MINIMUM 2" ABOVE BACKSPLASH.
- CEILING HEIGHTS VARY. FIELD VERIFY AT ALL MILLWORK LOCATIONS AND INCLUDE LAMINATE SOFFIT (Z303) WHERE NEEDED ABOVE WALL CABINETS.

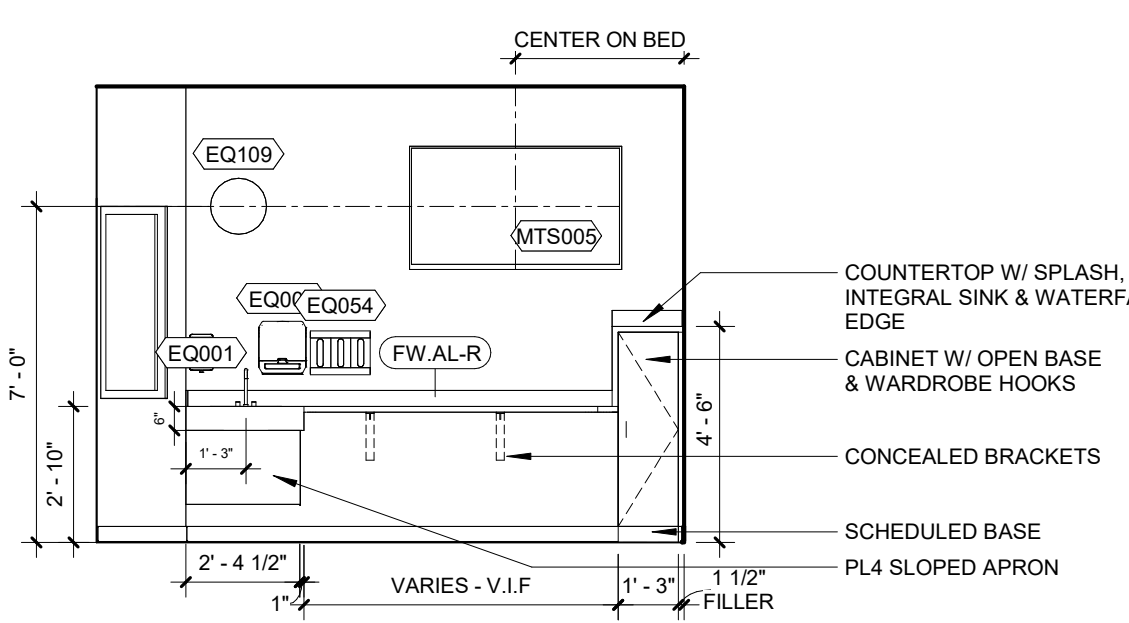
STANDARD ELEVATION & CASEWORK NOTES 1/4" = 1'-0"



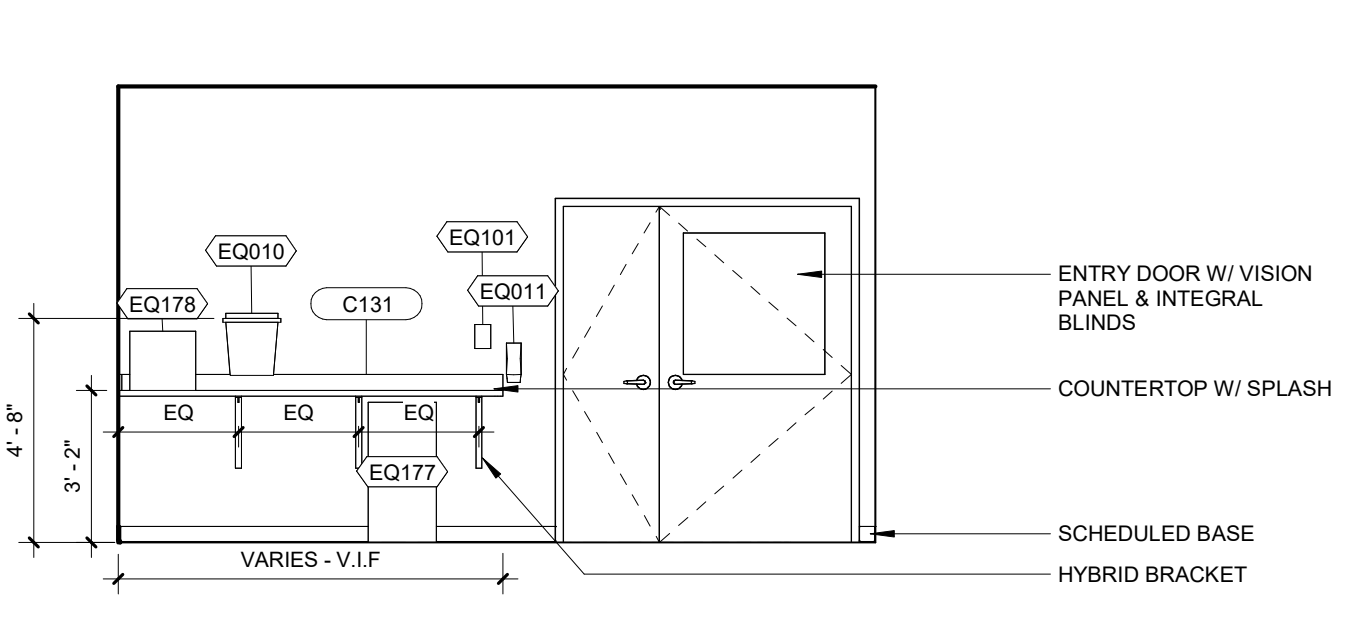
1 TYPICAL HEADWALL - OUTLETS & EQUIPMENT
1/4" = 1'-0"



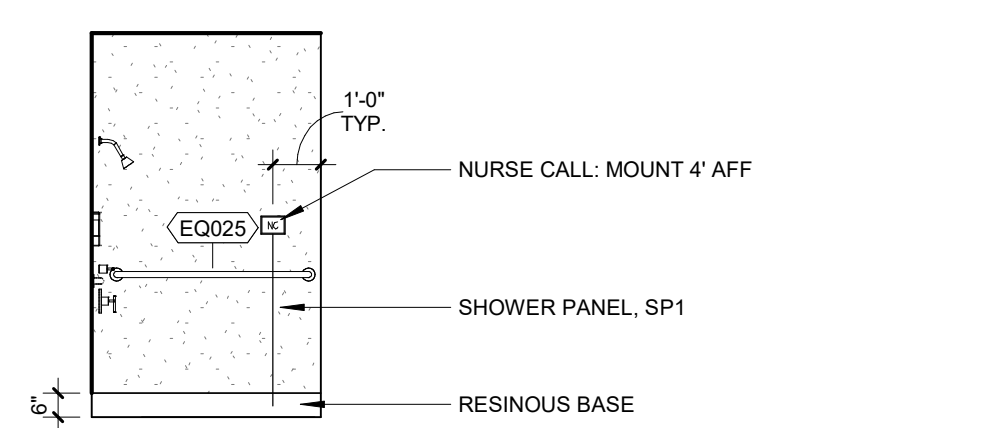
2 TYPICAL HEADWALL - CASEWORK & FINISHES
1/4" = 1'-0"



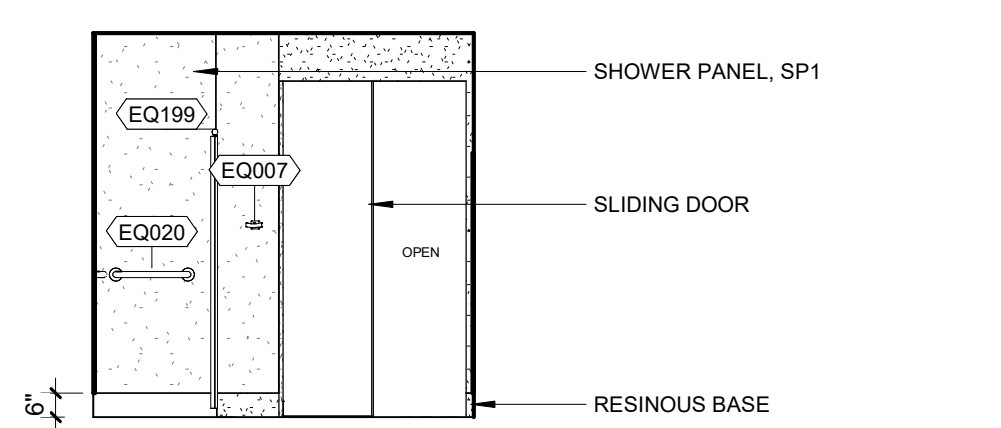
3 TYPICAL FOOTWALL
1/4" = 1'-0"



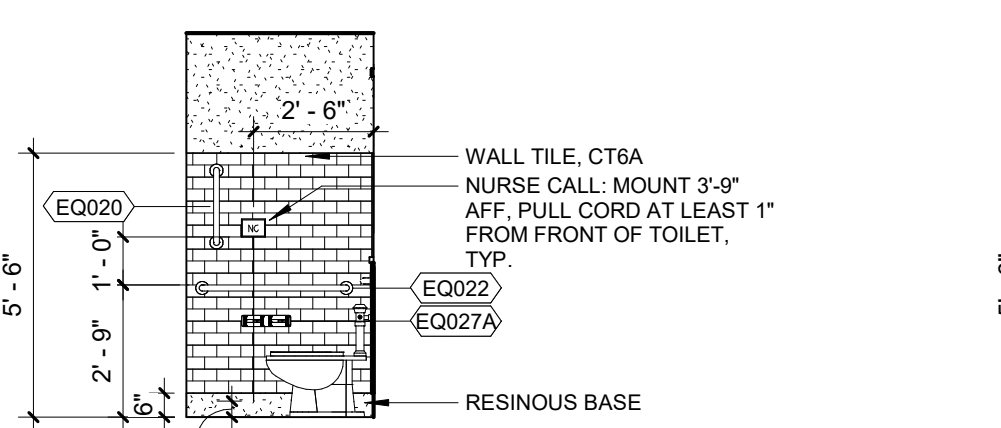
4 TYPICAL CLINICAL WALL
1/4" = 1'-0"



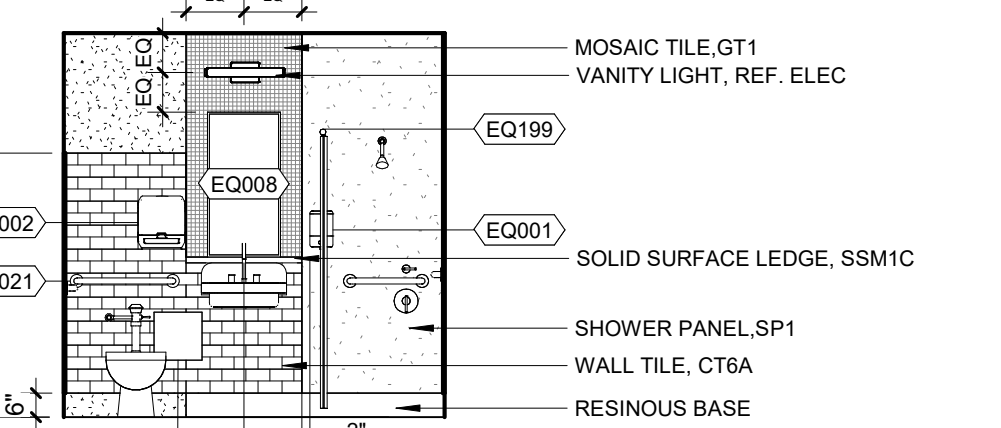
5 TYPICAL PT TLT/SHWR - A
1/4" = 1'-0"



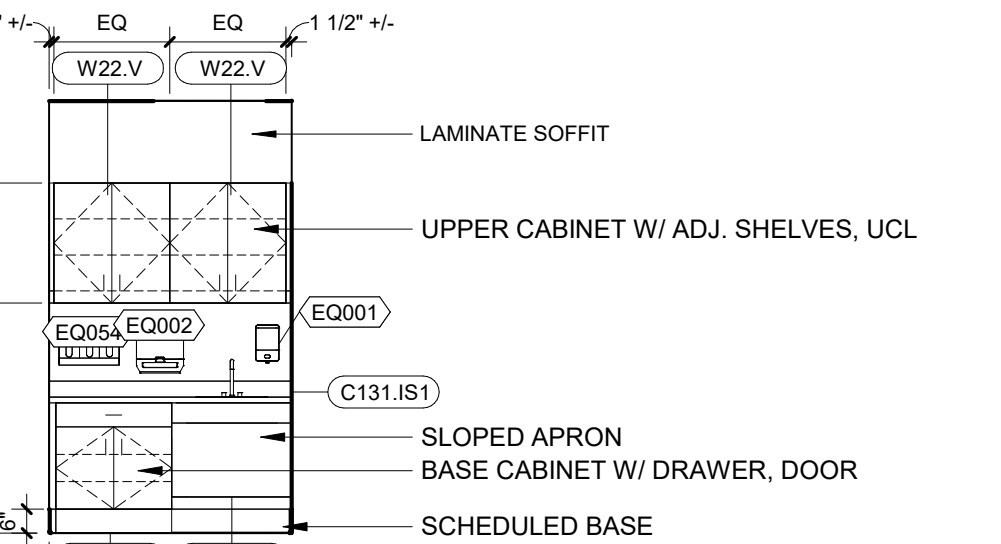
6 TYPICAL PT TLT/SHWR - B
1/4" = 1'-0"



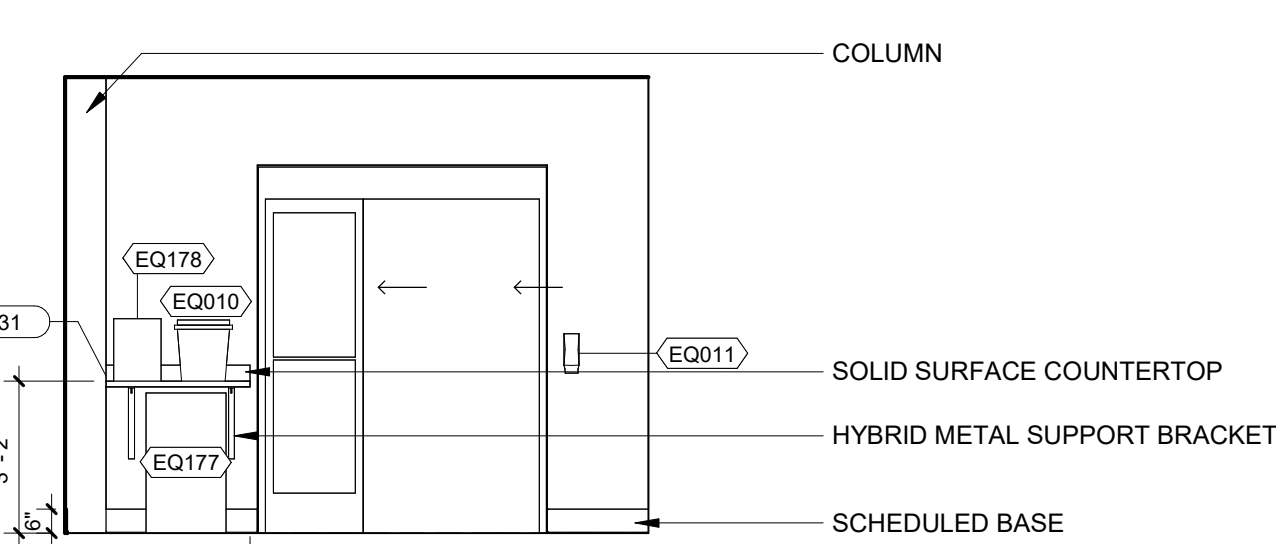
7 TYPICAL PT TLT/SHWR - C
1/4" = 1'-0"



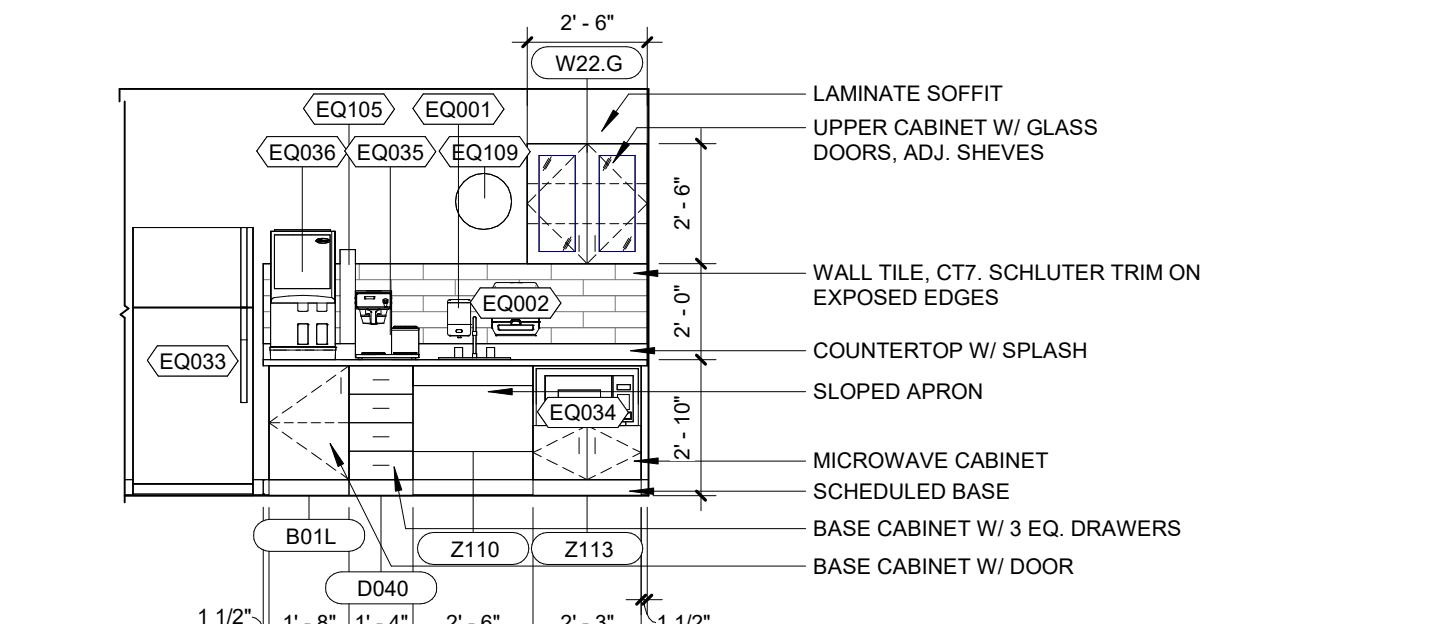
8 TYPICAL PT TLT/SHWR - D
1/4" = 1'-0"



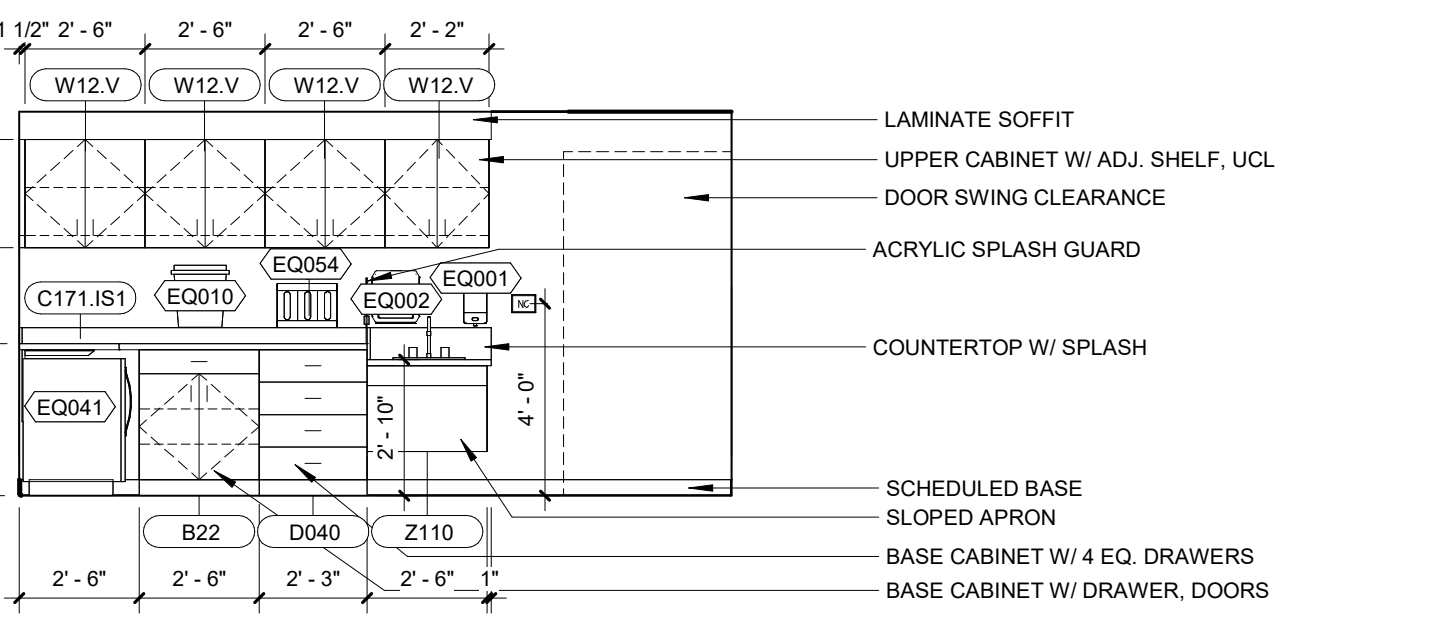
9 TYPICAL ANTE ROOM
1/4" = 1'-0"



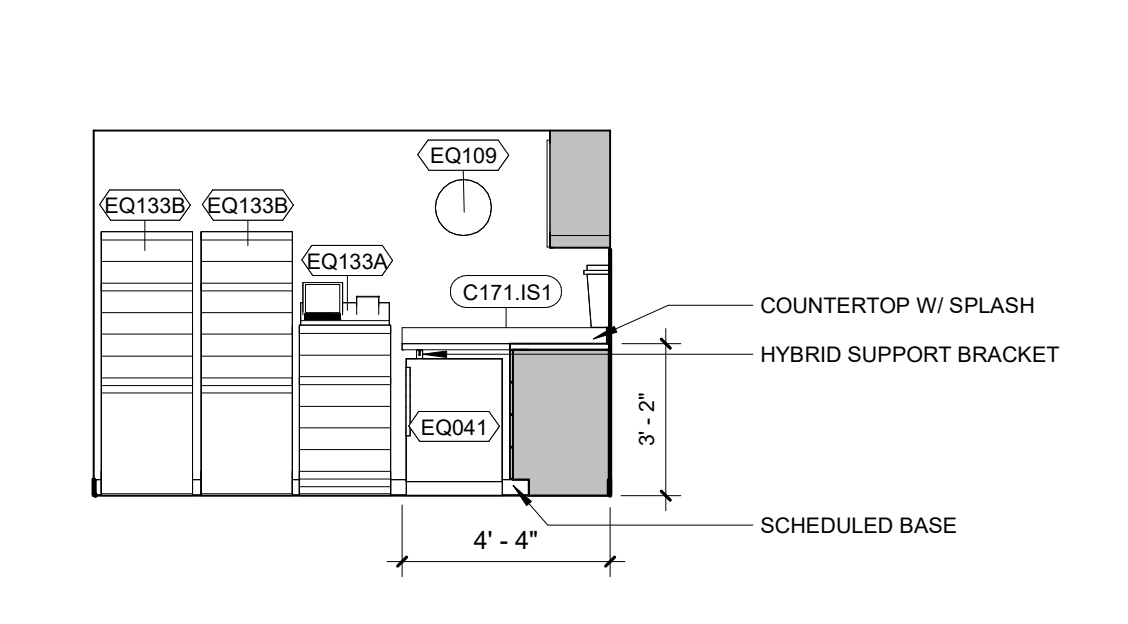
10 TYPICAL CRITICAL CARE AII CLINICAL ZONE
1/4" = 1'-0"



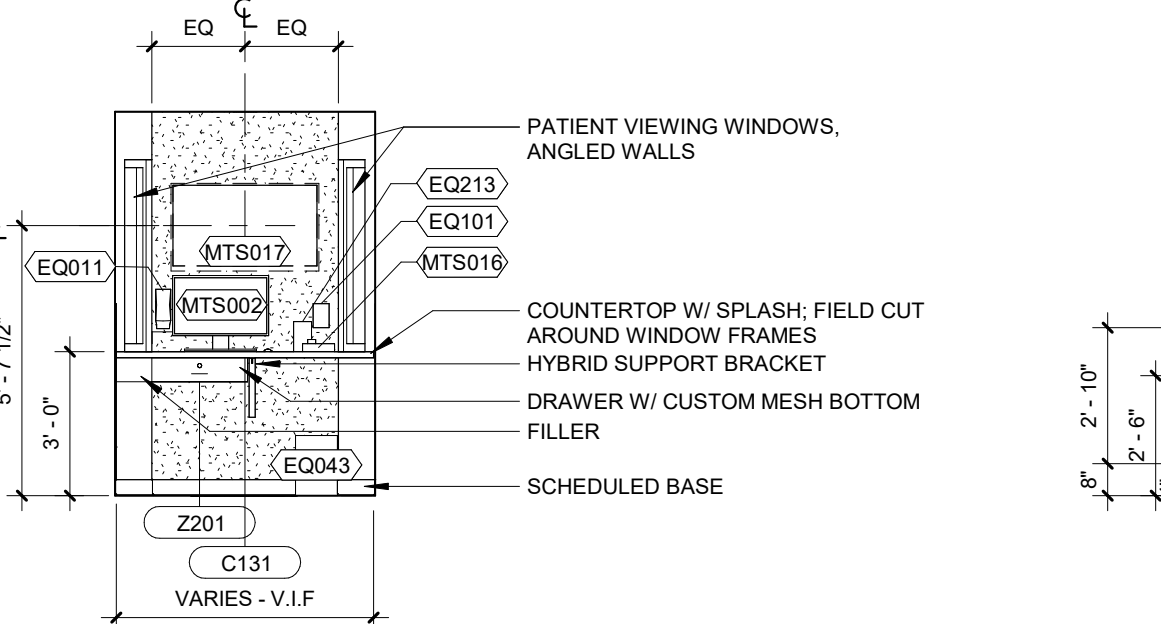
11 TYPICAL NOURISHMENT
1/4" = 1'-0"



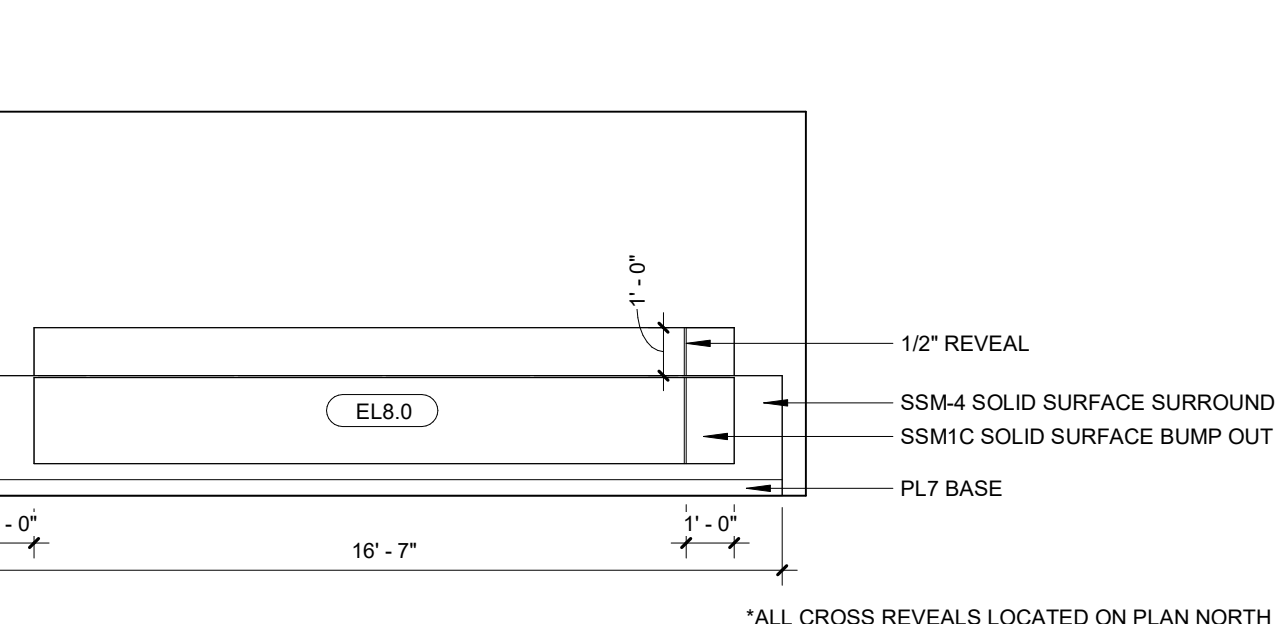
12 MEDS 7821 - A
1/4" = 1'-0"



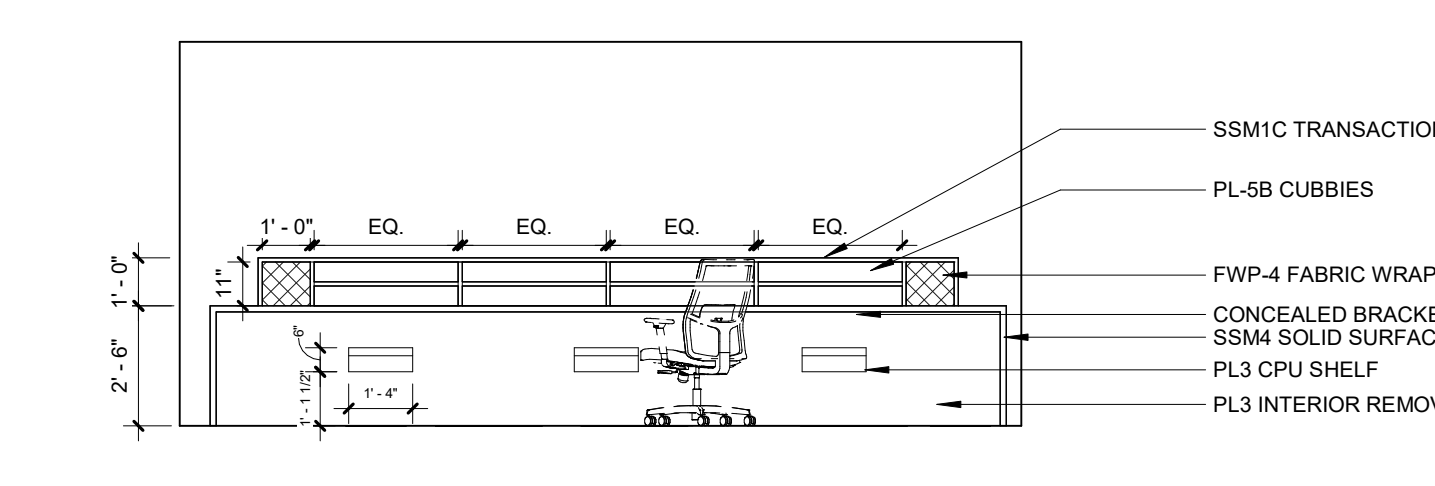
13 MEDS 7821 - D
1/4" = 1'-0"



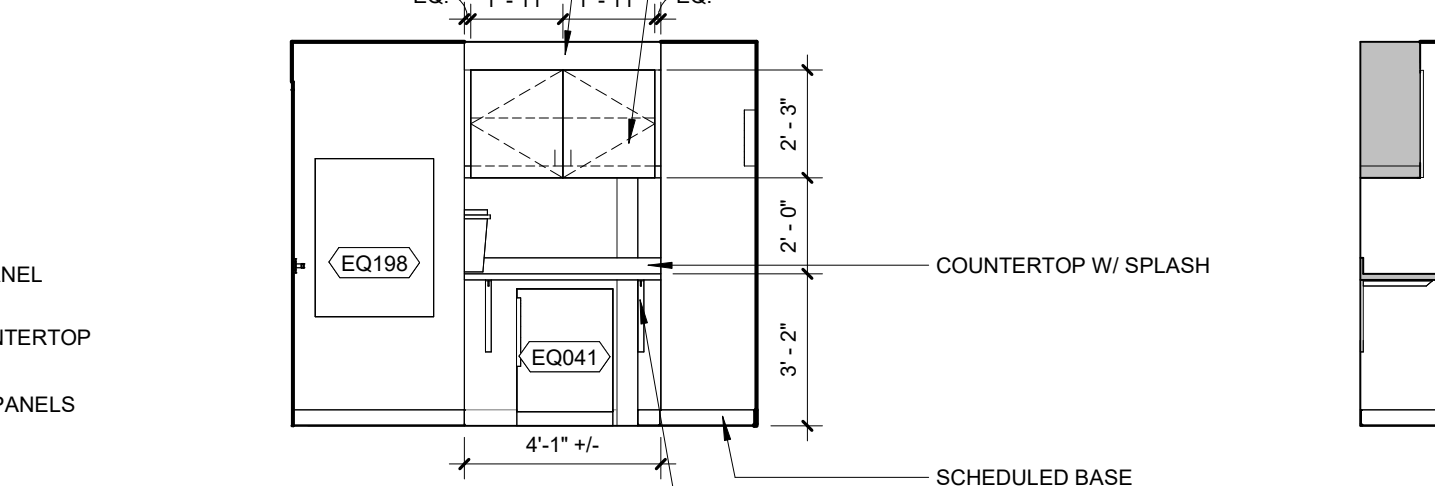
14 TYPICAL ALCOVE
1/4" = 1'-0"



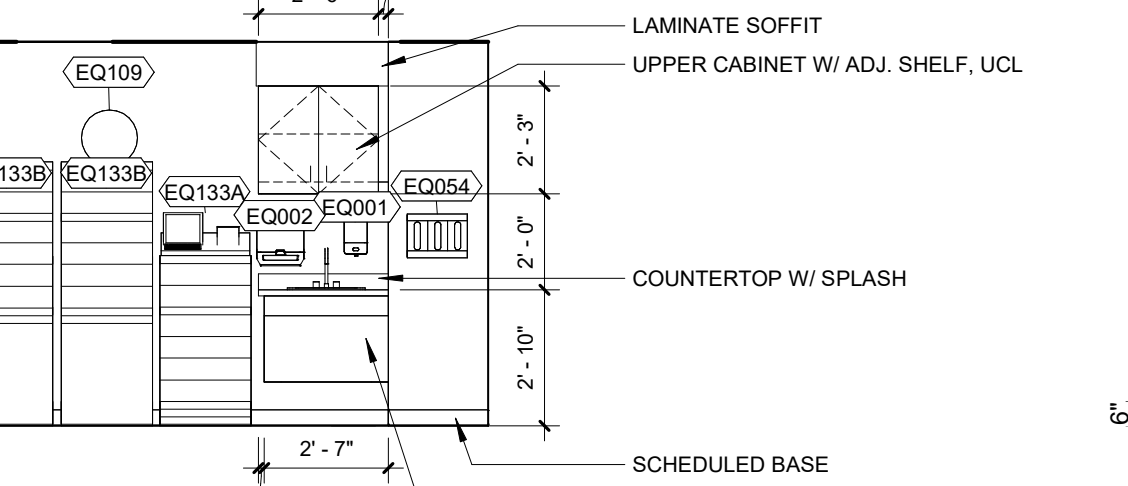
15 TYPICAL NURSE STATION - FRONT
1/4" = 1'-0"



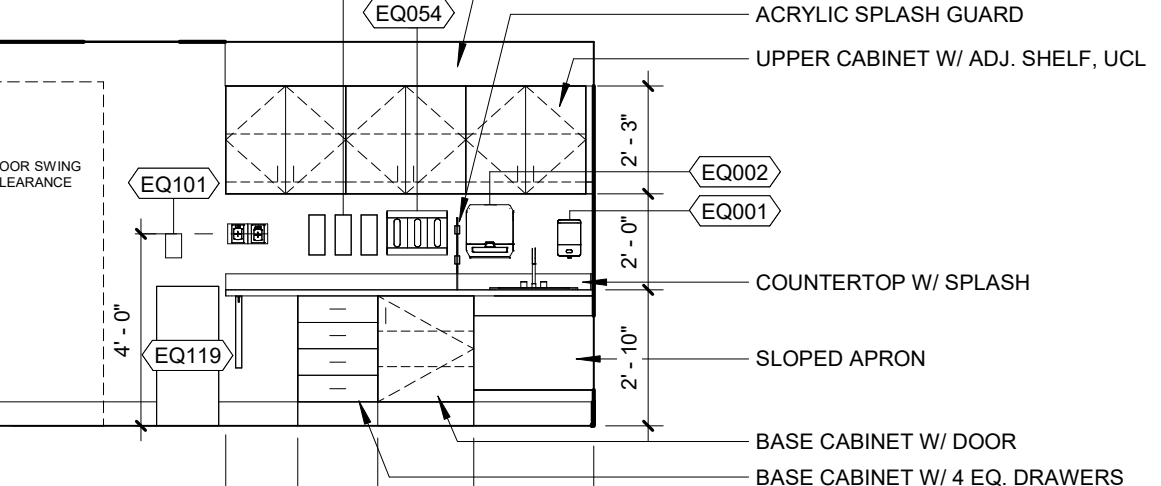
16 TYPICAL NURSE STATION - BACK
1/4" = 1'-0"



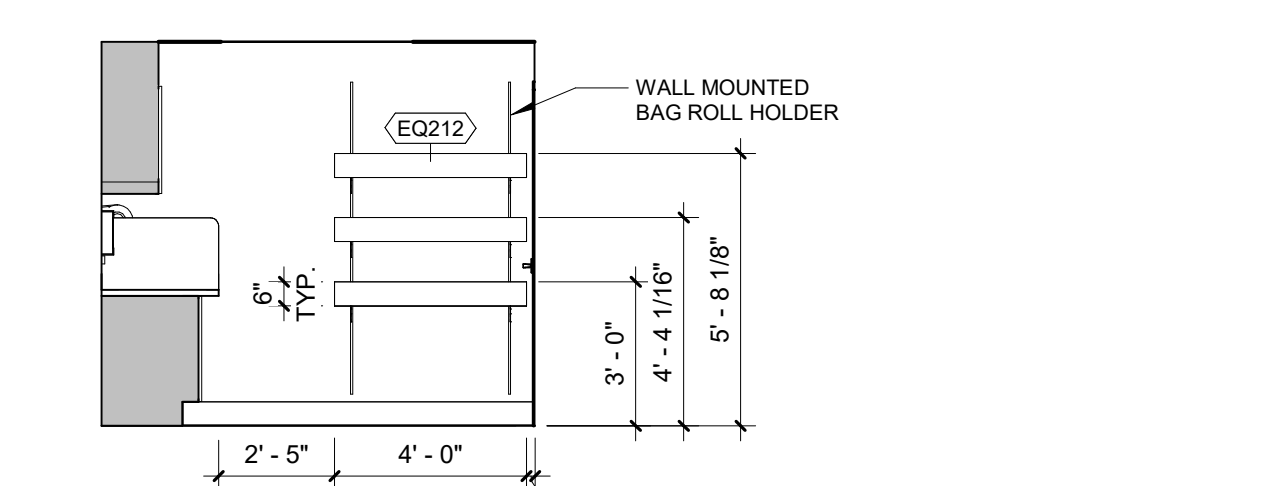
17 MEDS 7716 - C
1/4" = 1'-0"



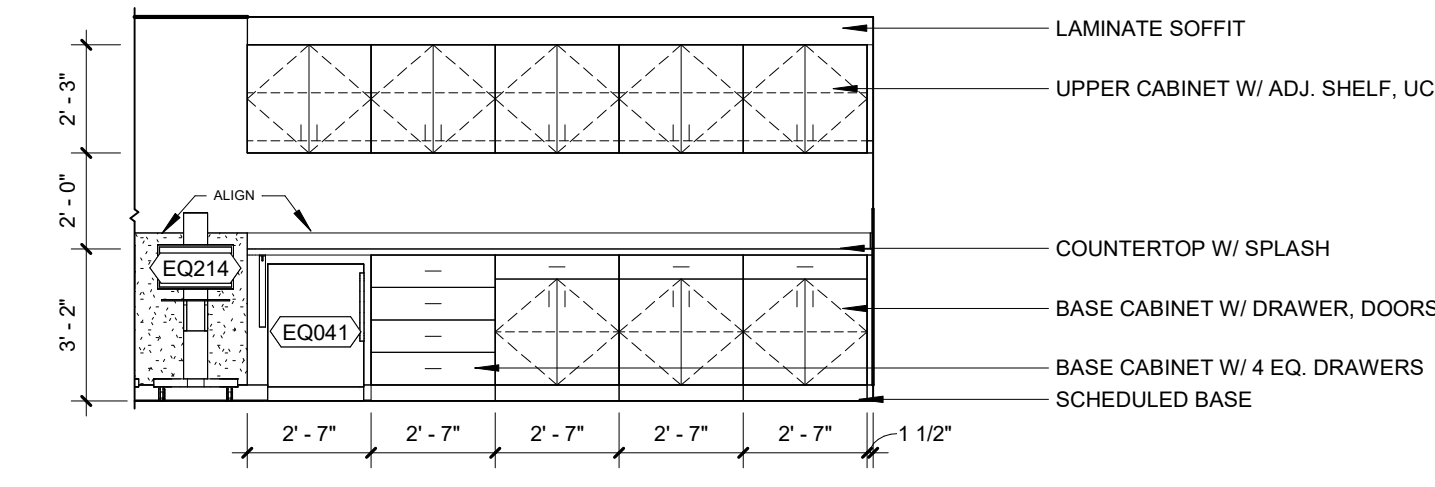
18 MEDS 7716 - D
1/4" = 1'-0"



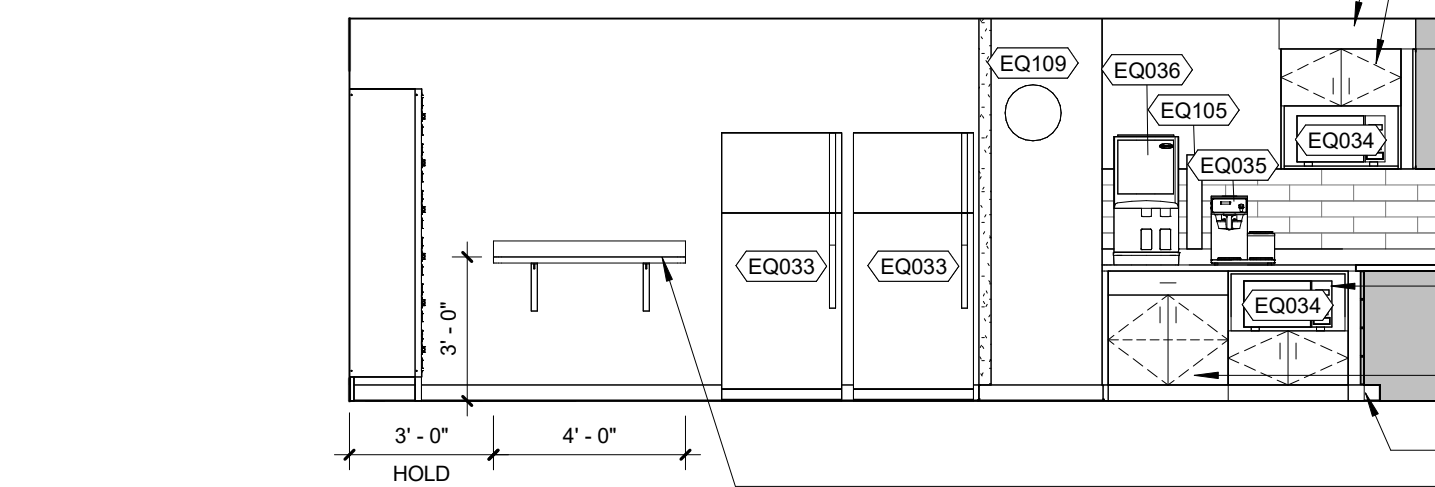
19 RT DECONTAM 7720 - B
1/4" = 1'-0"



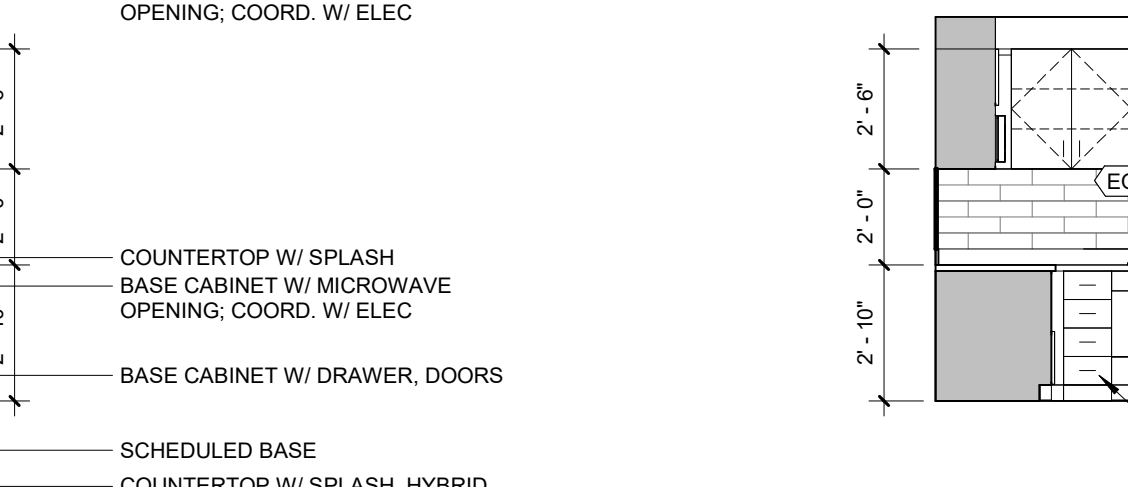
20 RT DECONTAM 7720 - C
1/4" = 1'-0"



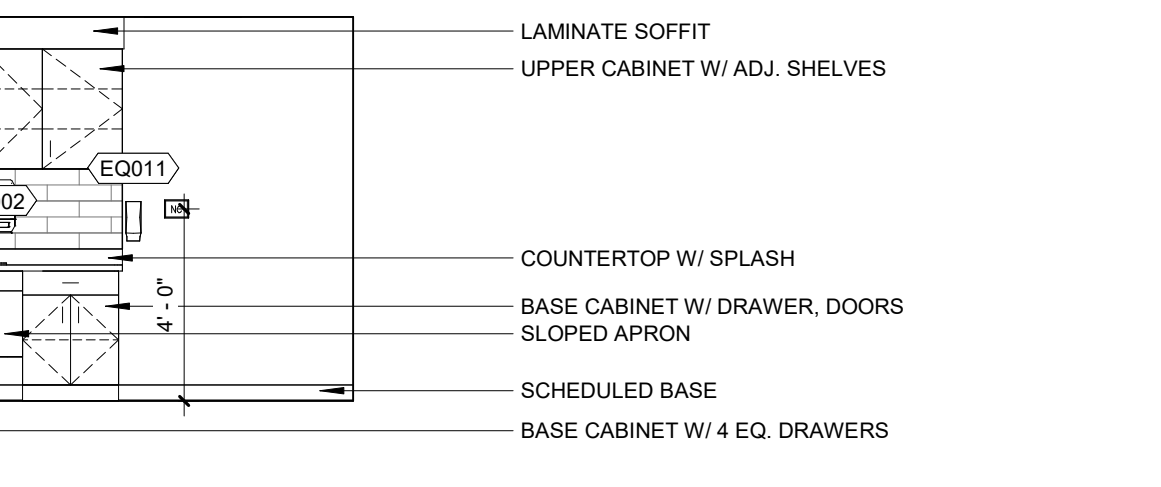
21 RT CLEAN STORAGE 7719 - B
1/4" = 1'-0"



22 STAFF LOUNGE 7518 - A
1/4" = 1'-0"



23 STAFF LOUNGE 7518 - B
1/4" = 1'-0"



24 STAFF LOUNGE 7518 - C
1/4" = 1'-0"

No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:01:44 PM
NOT FOR CONSTRUCTION

Mercy Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy
Interior Elevations
Floor No.:
Sheet No.: **A7.1**

No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:01:50 PM
NOT FOR CONSTRUCTION

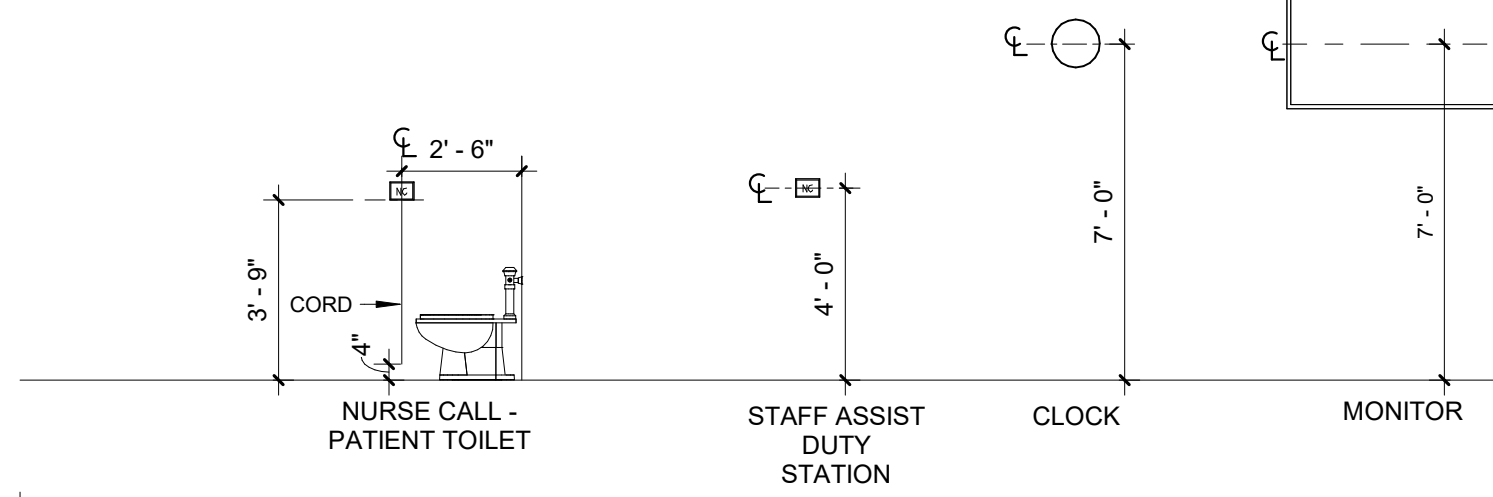
Project No.: 2040-821203
Date: 11/15/2024
Scale: 1/4" = 1'-0"

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Interior Elevations

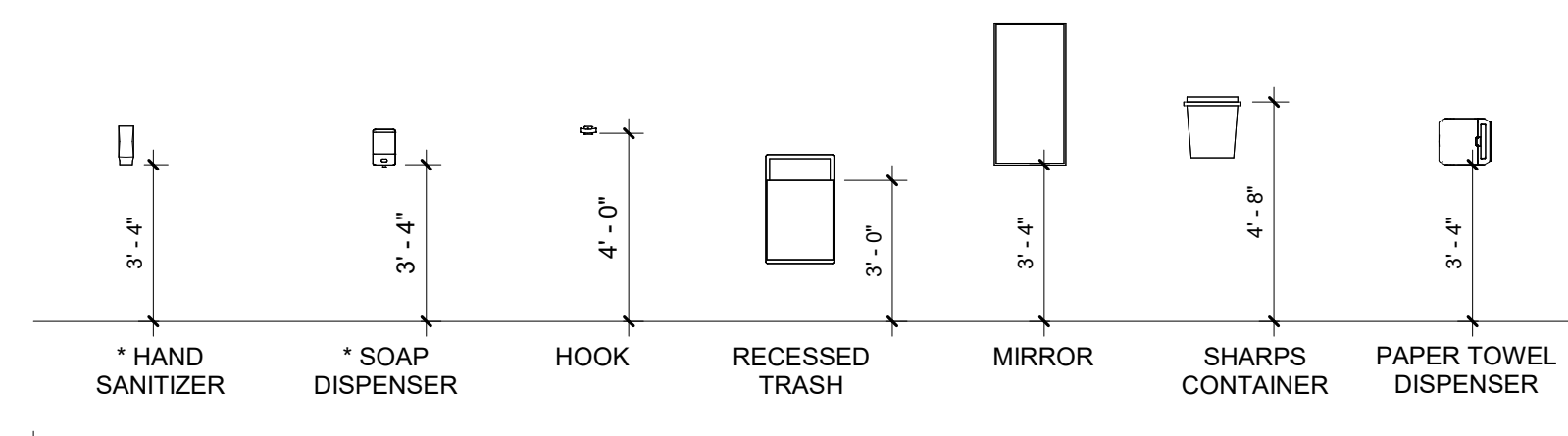


MOUNTING HEIGHT GENERAL NOTES:

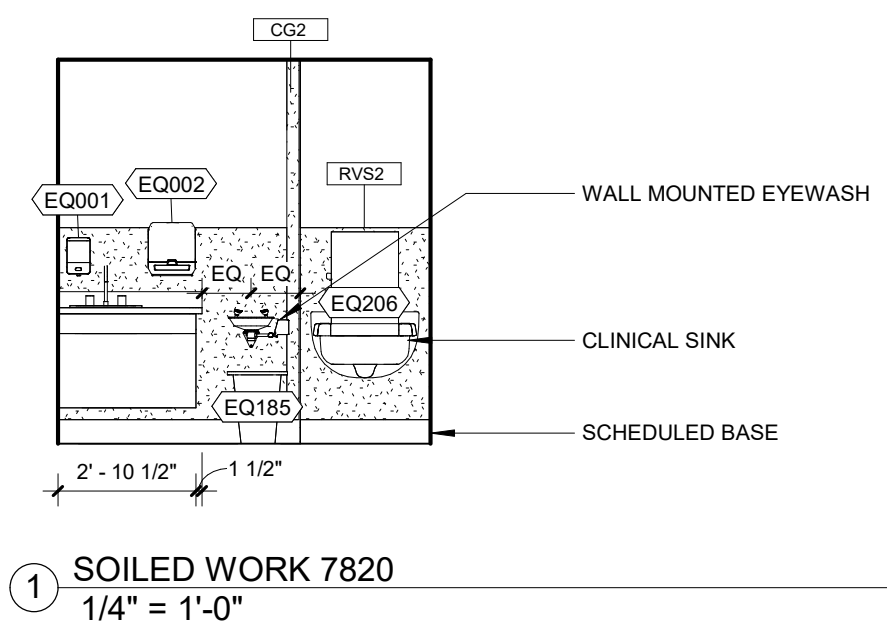
- CONTRACTOR TO VERIFY ALL FIXTURE TYPES & SIZES WITH MANUFACTURER.
- CONTRACTOR TO COORDINATE INSTALLATION WITH MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERS FOR MEP EQUIPMENT.
- CONTRACTOR TO COORDINATE INSTALLATION WITH OWNER FOR OWNER PROVIDED ITEMS.



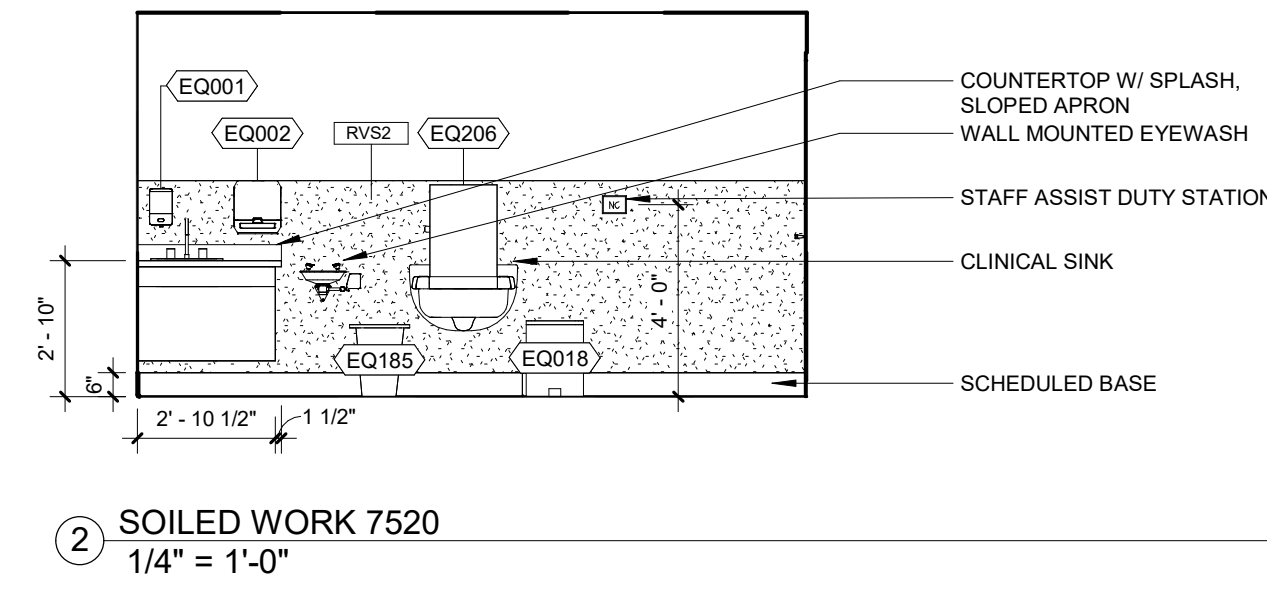
MEDICAL



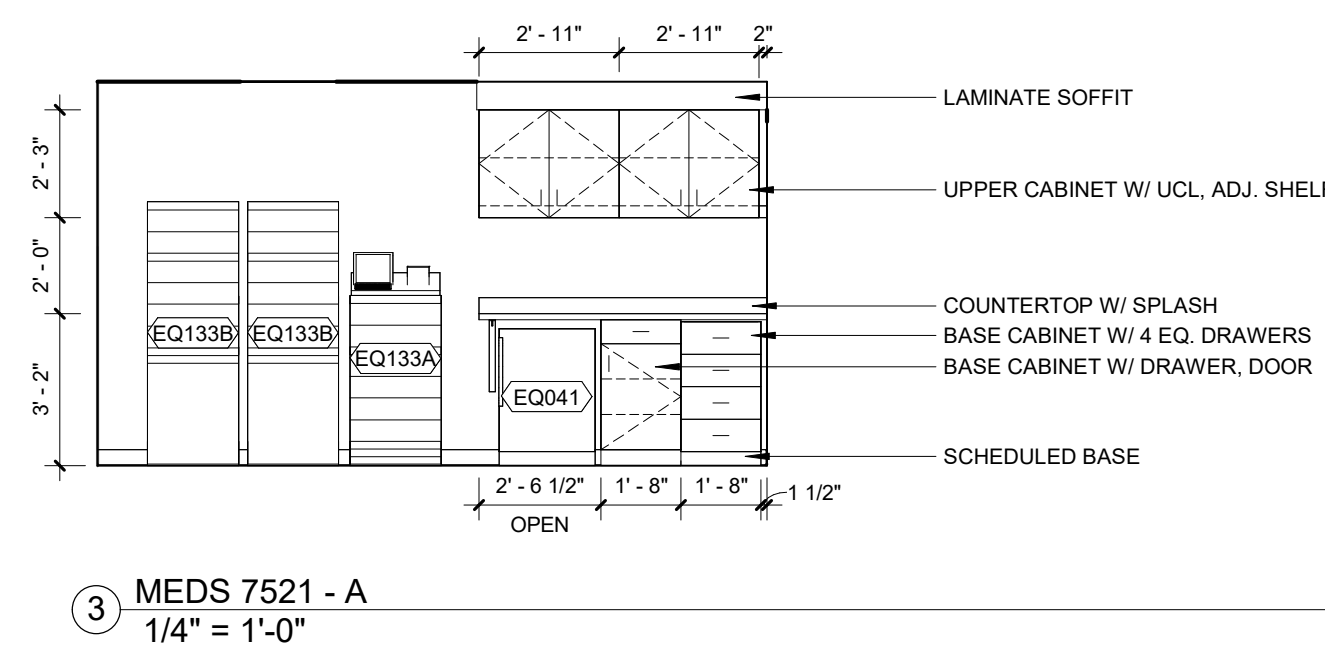
ACCESSORIES *ENSURE ITEMS ARE LOCATED AT LEAST 6" AWAY FROM LIGHT SWITCHES AND OUTLETS



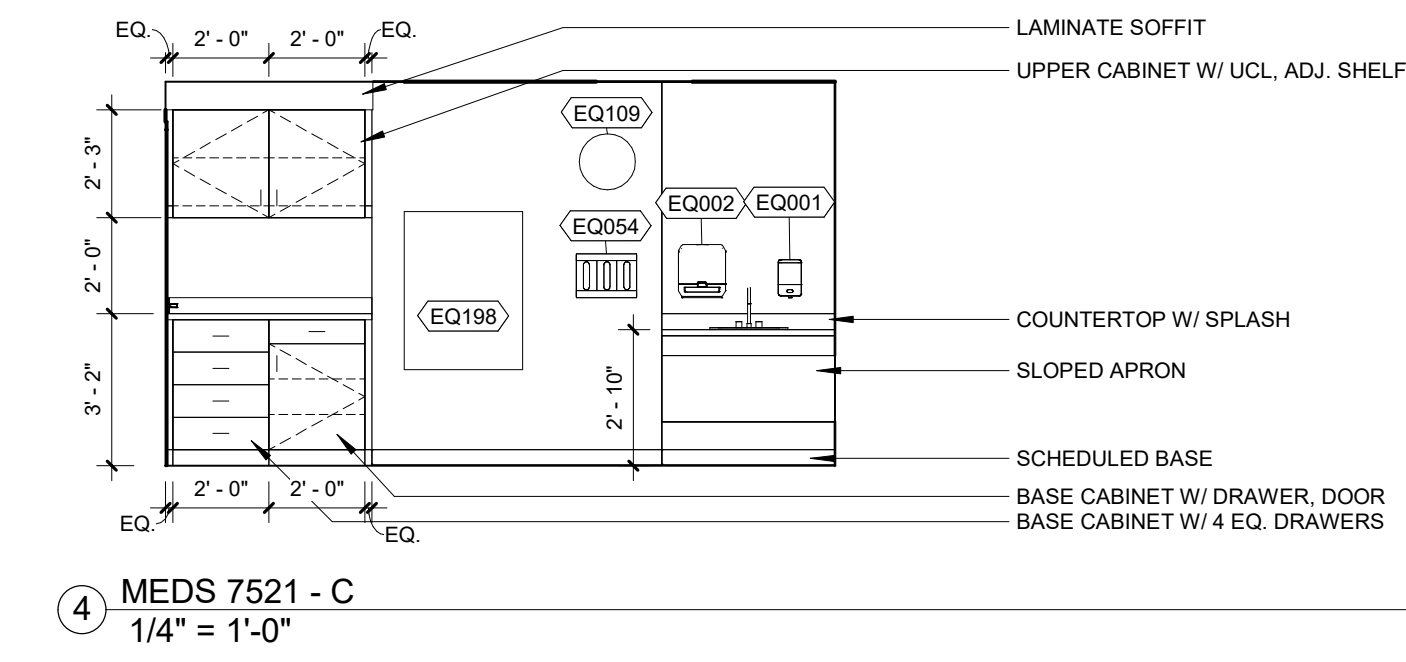
1 SOILED WORK 7820
1/4" = 1'-0"



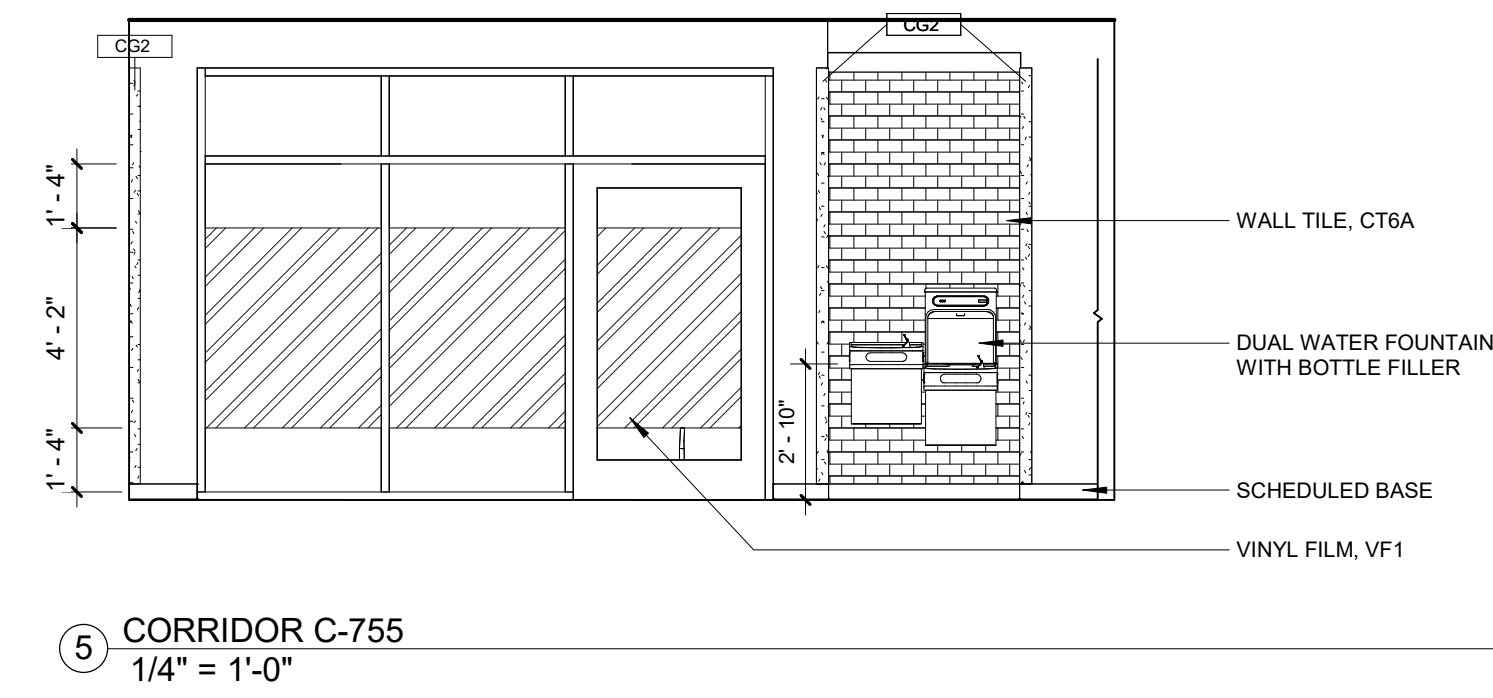
2 SOILED WORK 7520
1/4" = 1'-0"



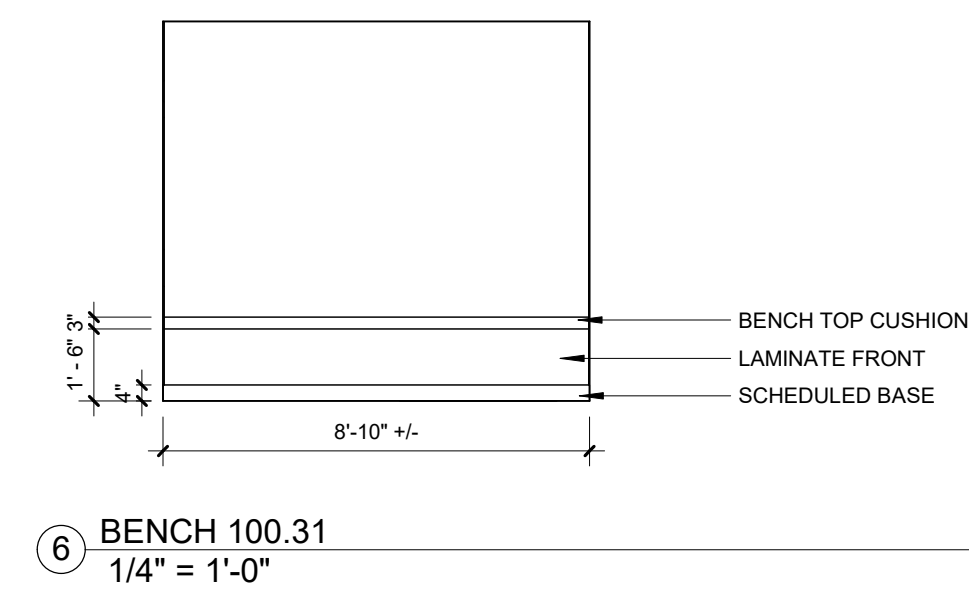
3 MEDS 7521 - A
1/4" = 1'-0"



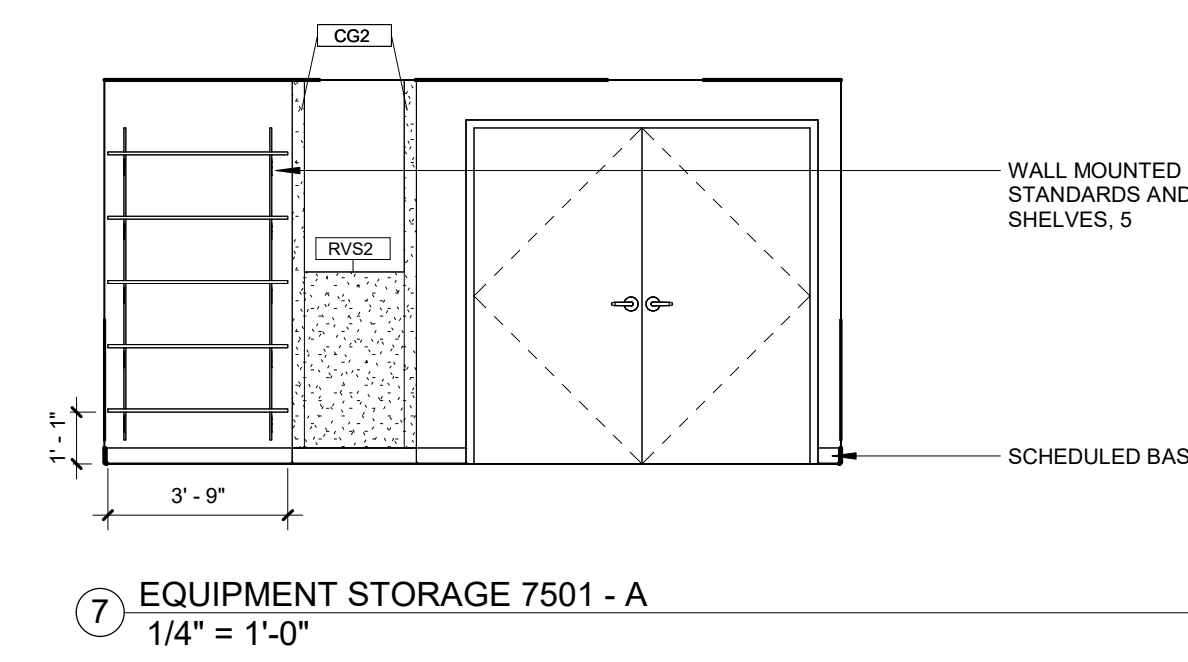
4 MEDS 7521 - C
1/4" = 1'-0"



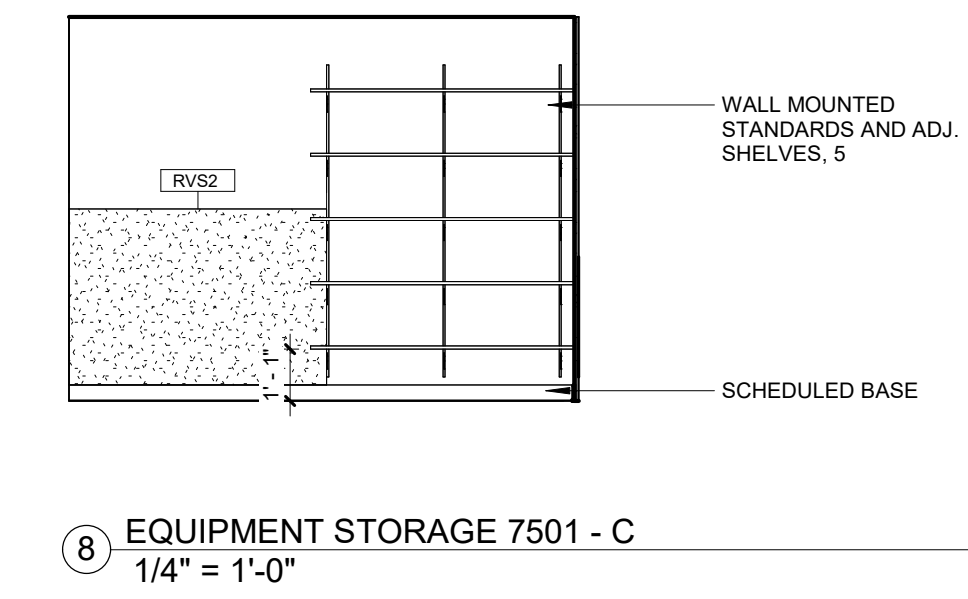
5 CORRIDOR C-755
1/4" = 1'-0"



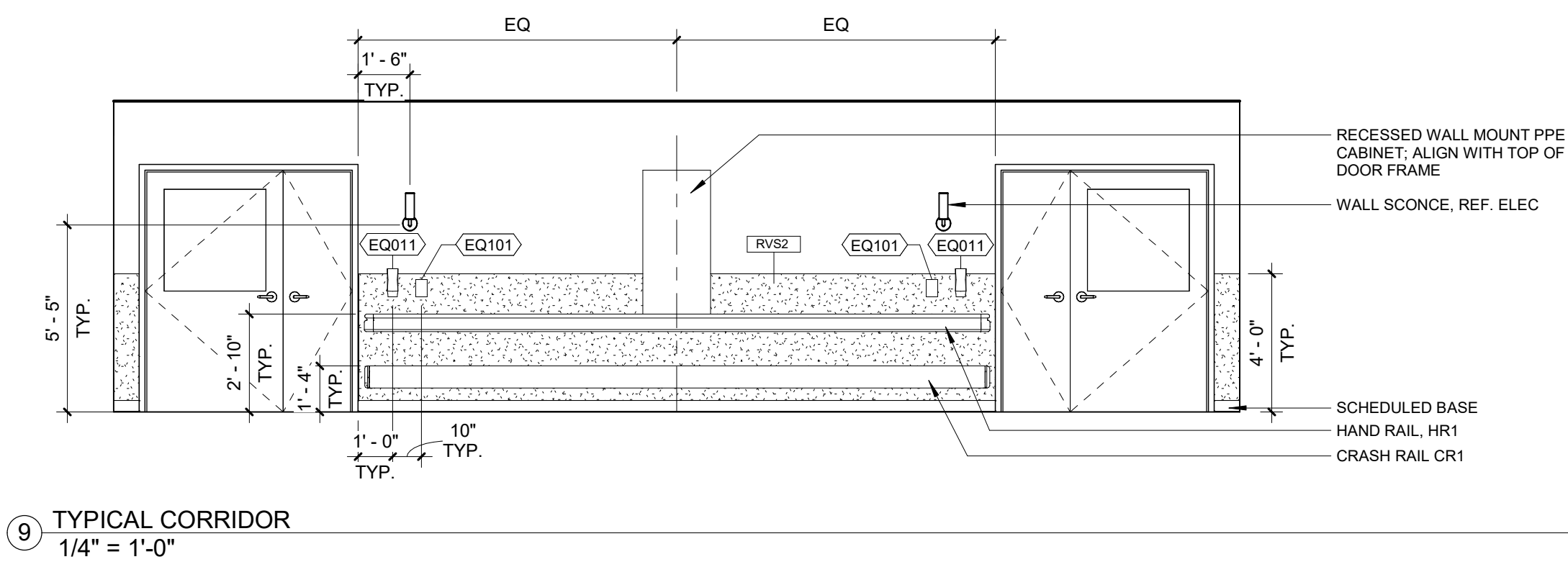
6 BENCH 100.31
1/4" = 1'-0"



7 EQUIPMENT STORAGE 7501 - A
1/4" = 1'-0"



8 EQUIPMENT STORAGE 7501 - C
1/4" = 1'-0"



9 TYPICAL CORRIDOR
1/4" = 1'-0"

PLAN NOTES - RCP

RCP GENERAL NOTES

- SOFFIT ACCENT COLORS WILL BE NOTED ON OVERALL AND ENLARGED REFLECTIVE CEILING PLANS AND/OR INTERIOR ELEVATIONS.
- REF. MECHANICAL FOR FIRE SPRINKLERS, EXIT SIGNS & SMOKE DETECTORS
- PROVIDE SOUND BATTS IN TOILET ROOMS AND OFFICES UNLESS NOTED OTHERWISE.
- REF. ELECTRICAL AND MECHANICAL DRAWINGS FOR DEVICES IN CEILINGS REQUIRING COORDINATION
- COORDINATE LOW VOLTAGE SYSTEMS W/ OWNER
- REF. NURSE CALL REFERENCE DRAWINGS FOR COORDINATION
- COORDINATE FIRE ALARM AND HORN/ STROBE/ EMERGENCY LIGHTS WITH ELECTRICAL.
- SAT CEILING AND GRID, REF. FINISH LEGEND
- ROOM TAG DEPICTS CEILING MATERIAL/ FINISH. REFERENCE COLOR SCHEDULE KEY FOR FINISH INFORMATION.

ROOM TAG

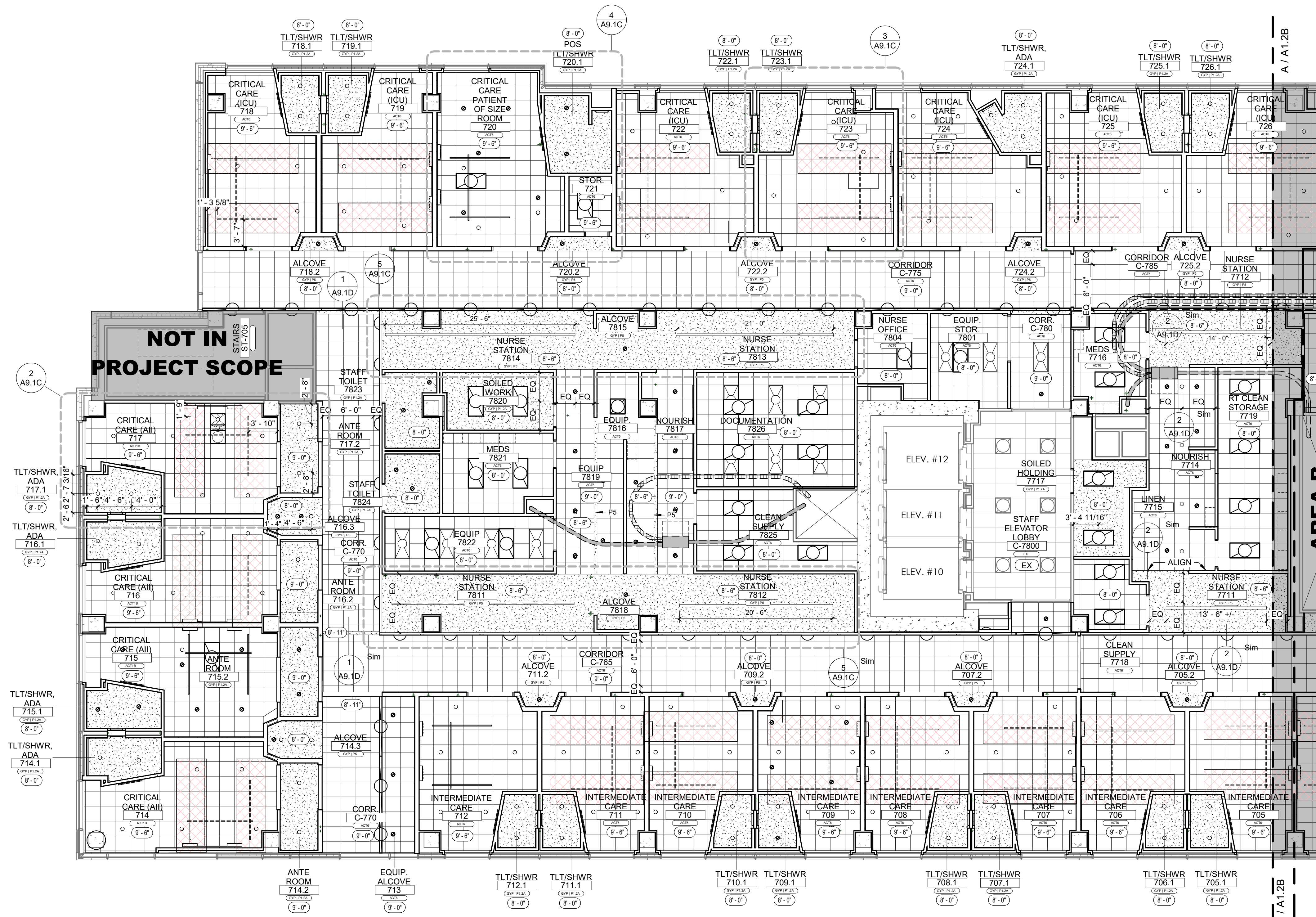
REF. FINISH LEGEND

CEILING MATERIAL KEY

- ACOUSTICAL CEILING TILE
- GYPSUM CEILING

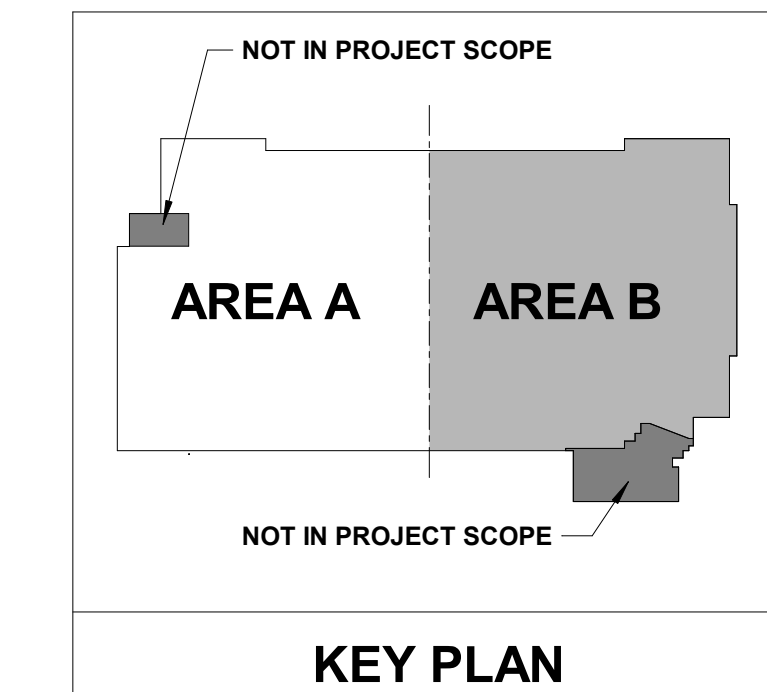
SYMBOL LEGEND

- DOWNLIGHT
- 2x2 TROFFER
- 2x4 TROFFER
- 2x4 PATIENT ROOM LIGHT
- LINEAR FIXTURE
- LED STRIP FIXTURE
- WALL MOUNTED VANITY FIXTURE
- CEILING HEIGHT
- EXISTING CEILING
- FUTURE PATIENT LIFT - ABOVE CEILING CLEARANCE ZONE. KEEP FREE FROM FIXTURES & DUCTS.
- PATIENT LIFT
- EXPANSION JOINT



7TH FLOOR RCP - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"



KEY PLAN

No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:01:58 PM
NOT FOR CONSTRUCTION

Mercy Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR REFLECTED CEILING PLAN - AREA A



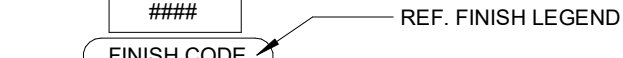
7TH FLOOR
A9.1A

PLAN NOTES - RCP

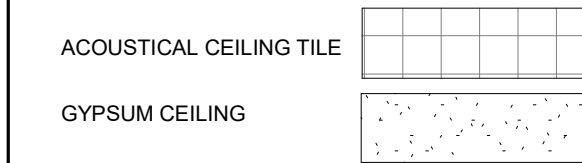
RCP GENERAL NOTES

1. SOFFIT ACCENT COLORS WILL BE NOTED ON OVERALL AND ENLARGED REFLECTIVE CEILING PLANS AND/OR INTERIOR ELEVATIONS.
2. REF. MECHANICAL FOR FIRE SPRINKLERS, EXIT SIGNS & SMOKE DETECTORS
3. PROVIDE SOUND BATTIS IN TOILET ROOMS AND OFFICES UNLESS NOTED OTHERWISE.
4. REF. ELECTRICAL AND MECHANICAL DRAWINGS FOR DEVICES IN CEILINGS REQUIRING COORDINATION.
5. COORDINATE LOW VOLTAGE SYSTEMS W/ OWNER.
6. REF. NURSE CALL REFERENCE DRAWINGS FOR COORDINATION.
7. COORDINATE FIRE ALARM AND HORN/ STROBE/ EMERGENCY LIGHTS WITH ELECTRICAL.
8. SAT CEILING AND GRID, REF. FINISH LEGEND
9. ROOM TAG DEPICTS CEILING MATERIAL/ FINISH. REFERENCE COLOR SCHEDULE KEY FOR FINISH INFORMATION.

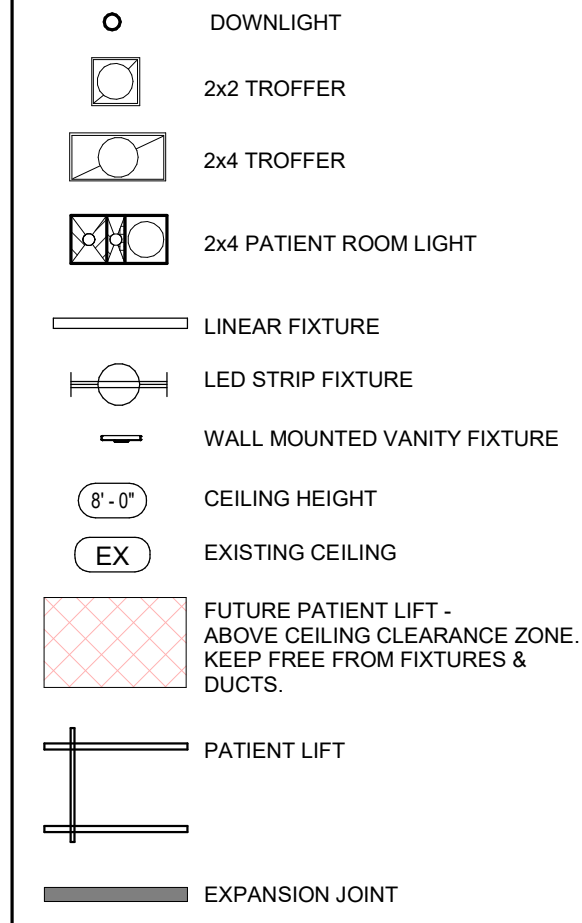
ROOM TAG



CEILING MATERIAL KEY



SYMBOL LEGEND



Architect Logo

No.	Date	Description

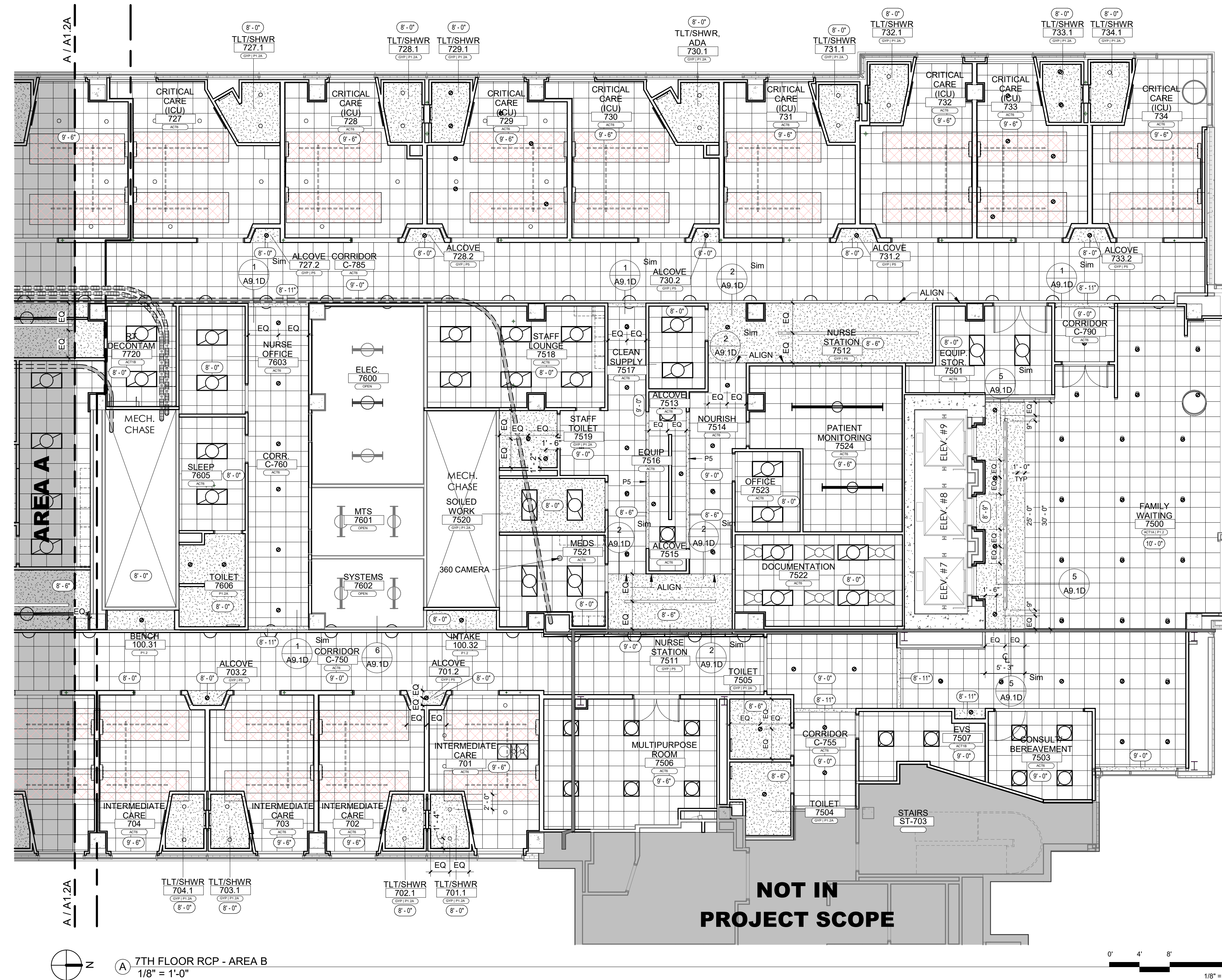
PROGRESS DRAWING
1/8/2025 4:02:04 PM
NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

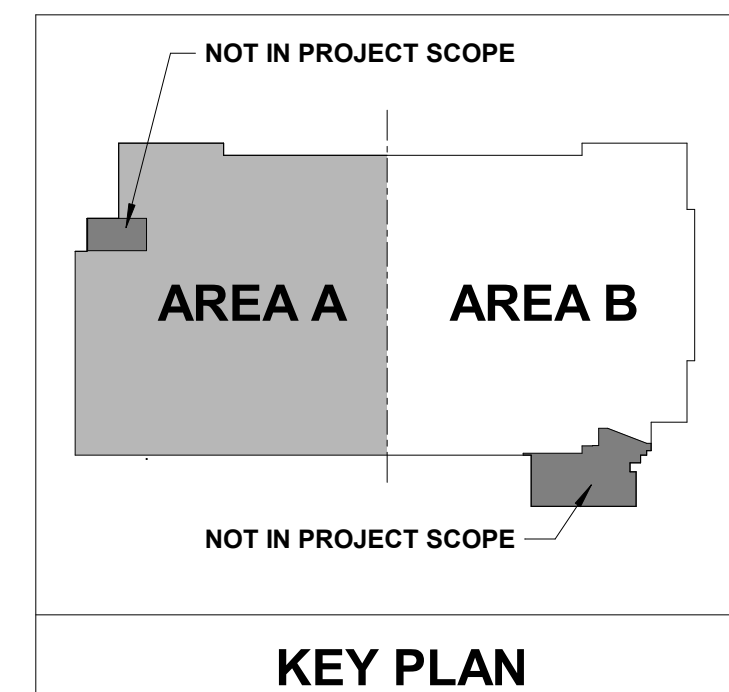
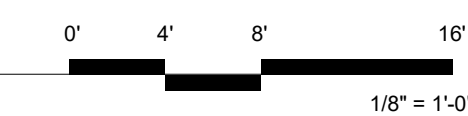
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR REFLECTED CEILING PLAN - AREA B



7TH FLOOR
A9.1B

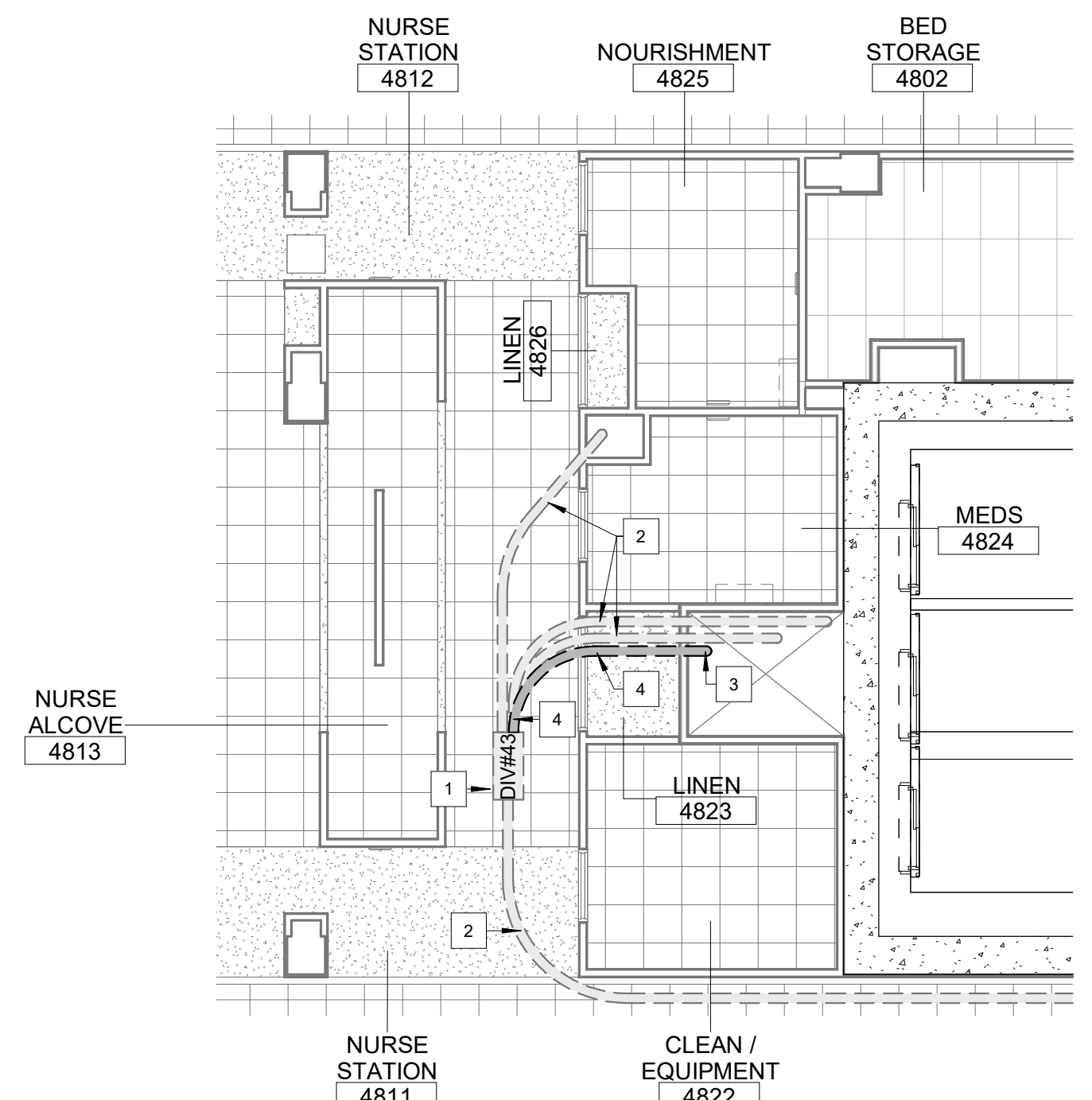


7TH FLOOR RCP - AREA B
1/8" = 1'-0"

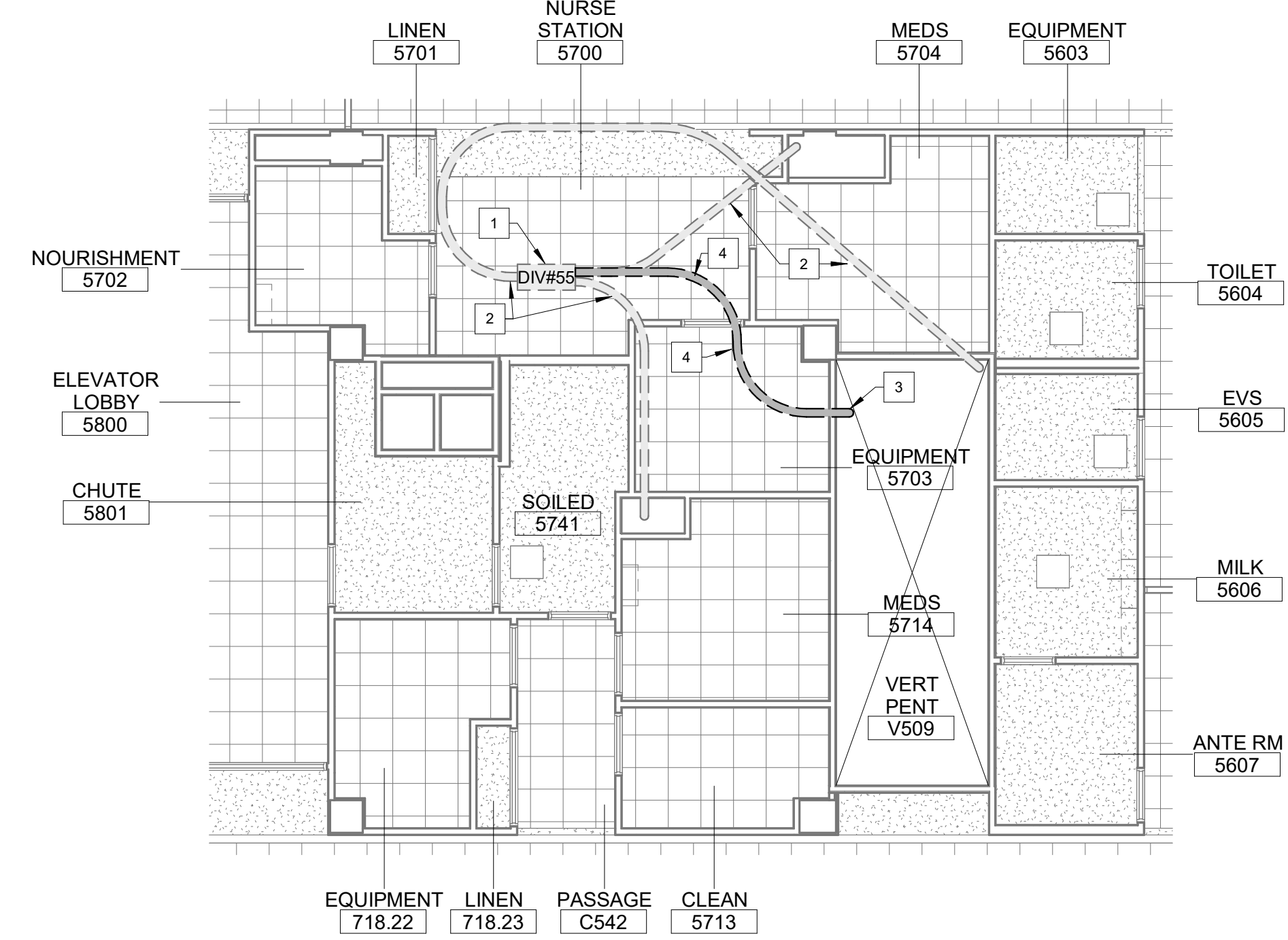


KEY PLAN

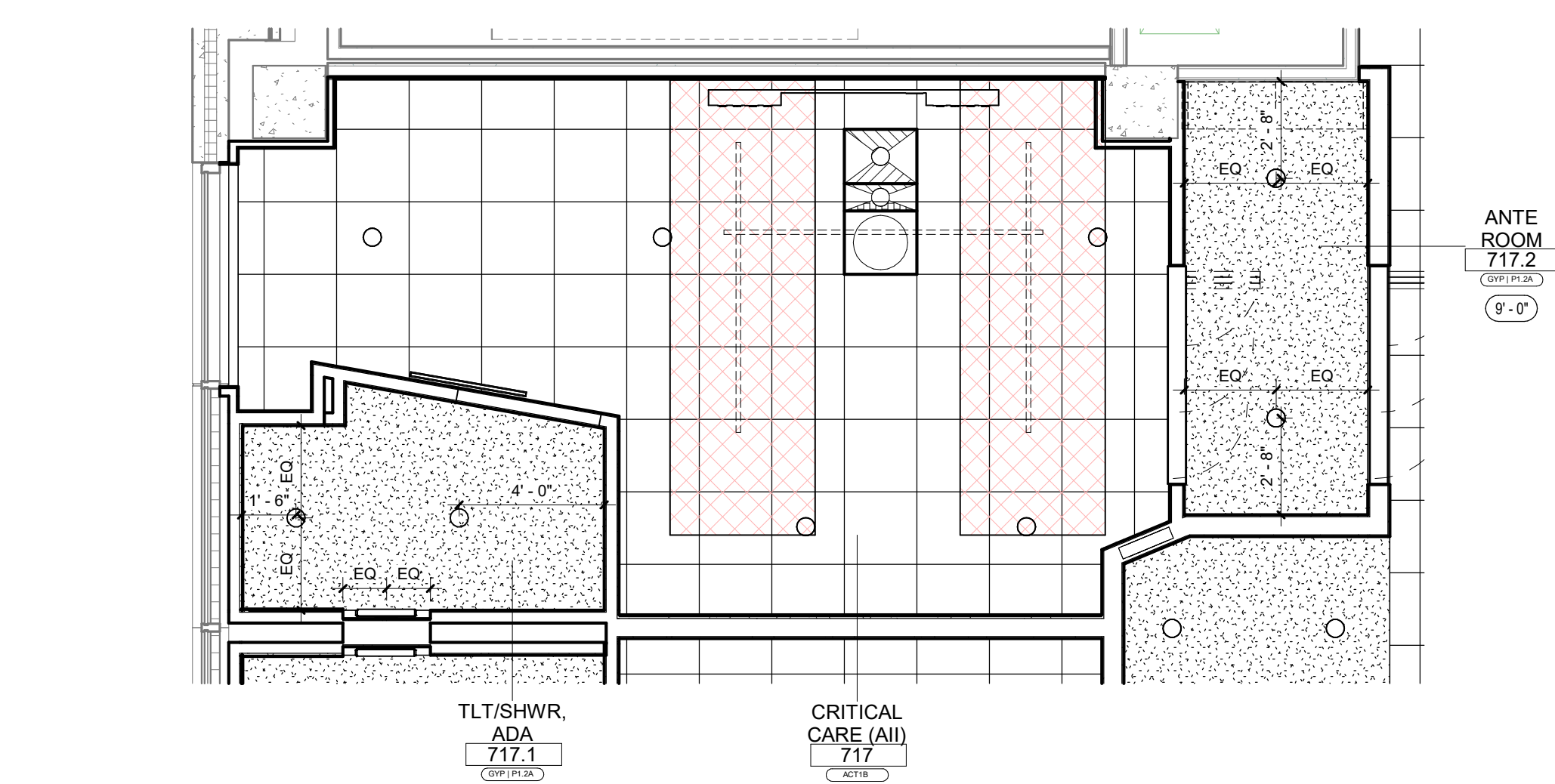
PLAN NOTES - RCP



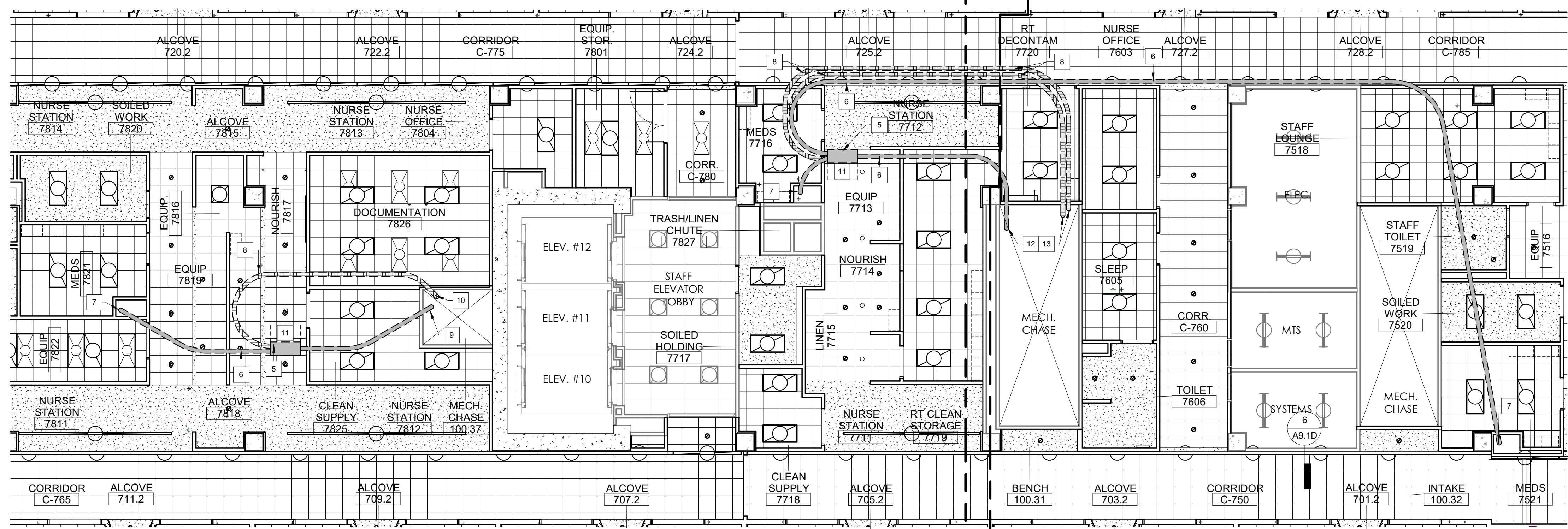
③ 4TH FLOOR P TUBE CEILING ROUTE
1/8" = 1'-0"



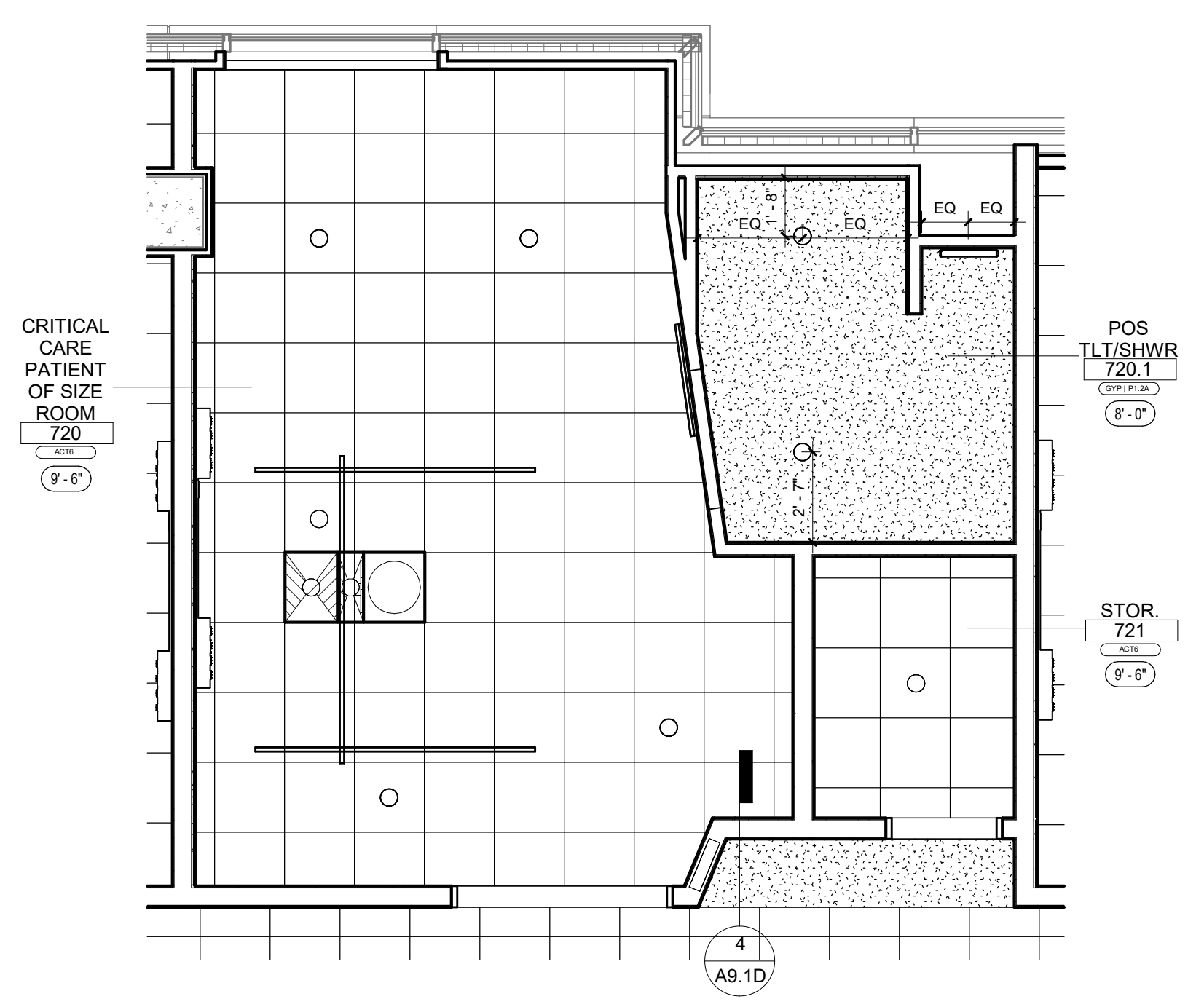
④ 5TH FLOOR P TUBE CEILING ROUTE
1/8" = 1'-0"



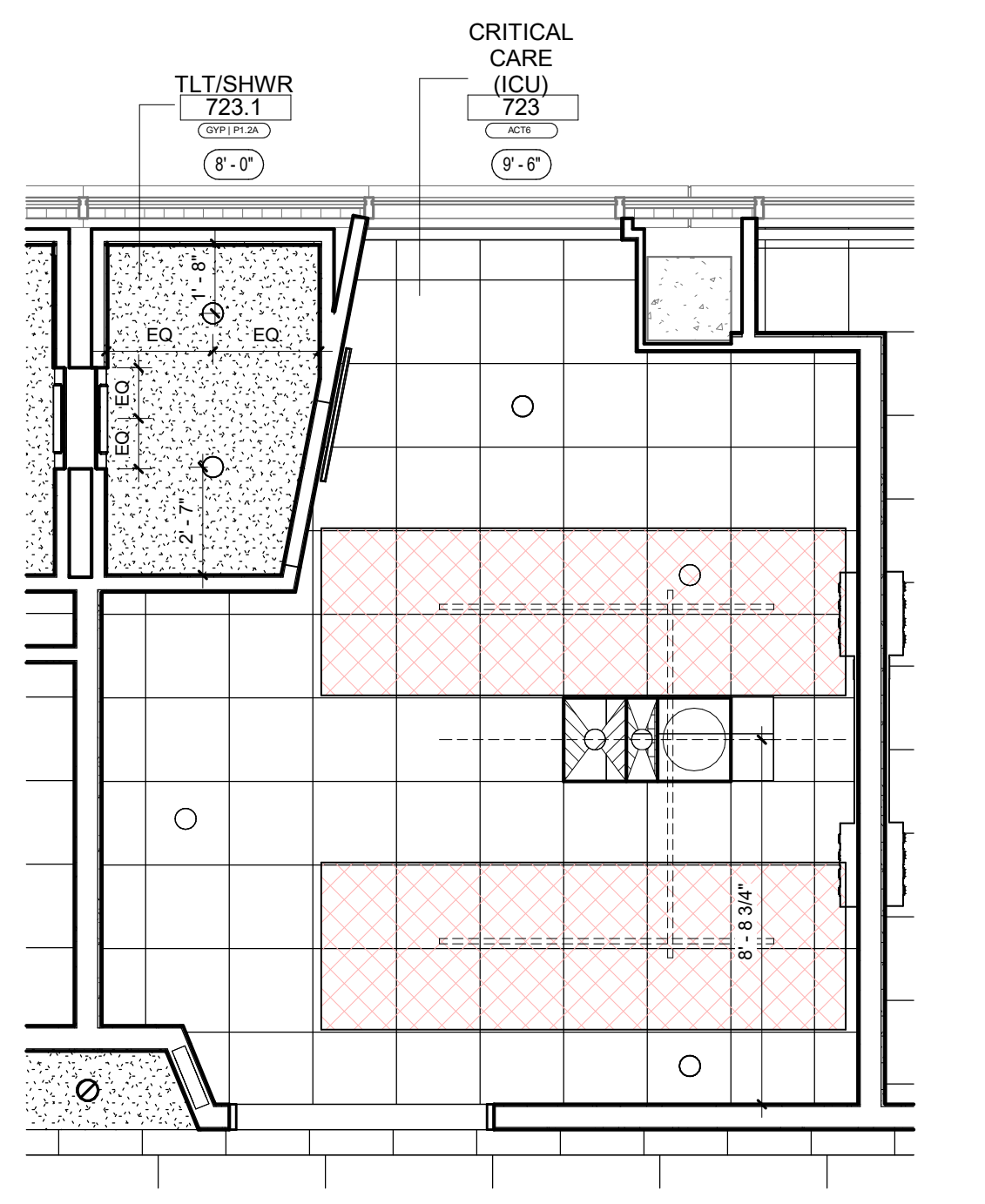
② 7TH FLOOR RCP - TYPICAL CRITICAL CARE (AII)
1/4" = 1'-0"



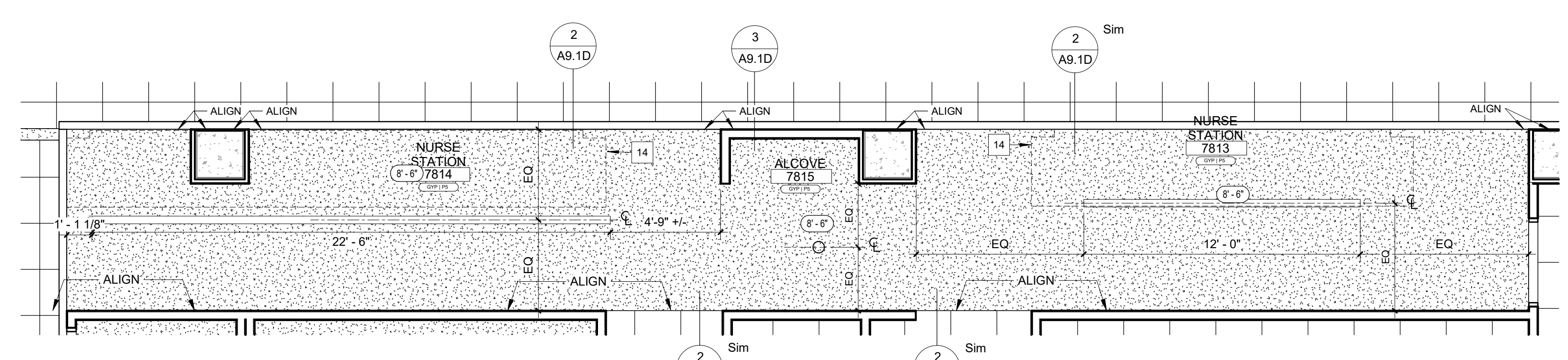
① 7TH FLOOR P TUBE CEILING ROUTE
1/8" = 1'-0"



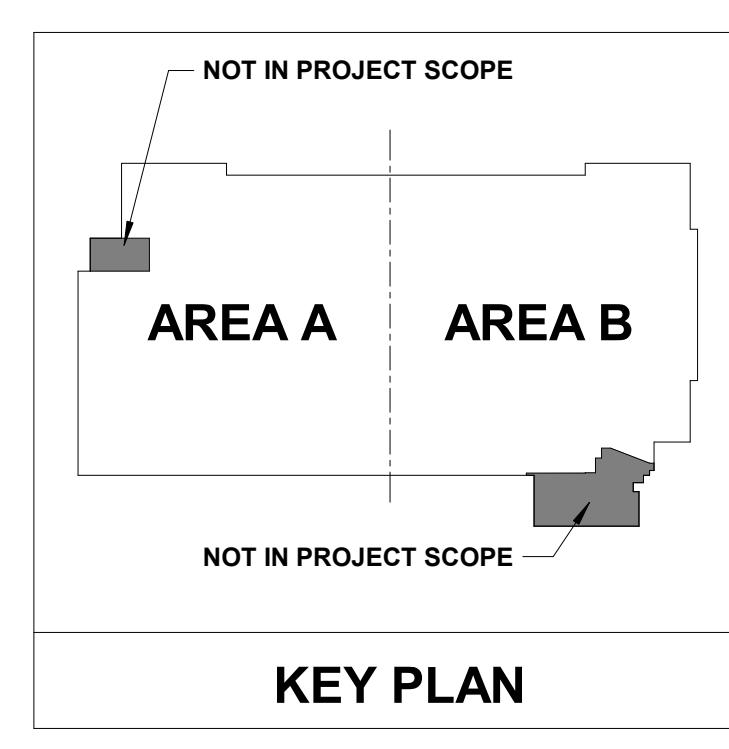
④ 7TH FLOOR RCP - TYPICAL CRITICAL CARE PATIENT OF SIZE ROOM
1/4" = 1'-0"



③ 7TH FLOOR RCP - TYPICAL CRITICAL CARE (ICU)
1/4" = 1'-0"



⑤ 7TH FLOOR RCP - TYPICAL NURSE STATION
1/4" = 1'-0"



No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:02:14 PM
NOT FOR CONSTRUCTION

Mercy Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758



7TH FLOOR
A9.1C

Architect Logo

No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:02:18 PM
NOT FOR CONSTRUCTION

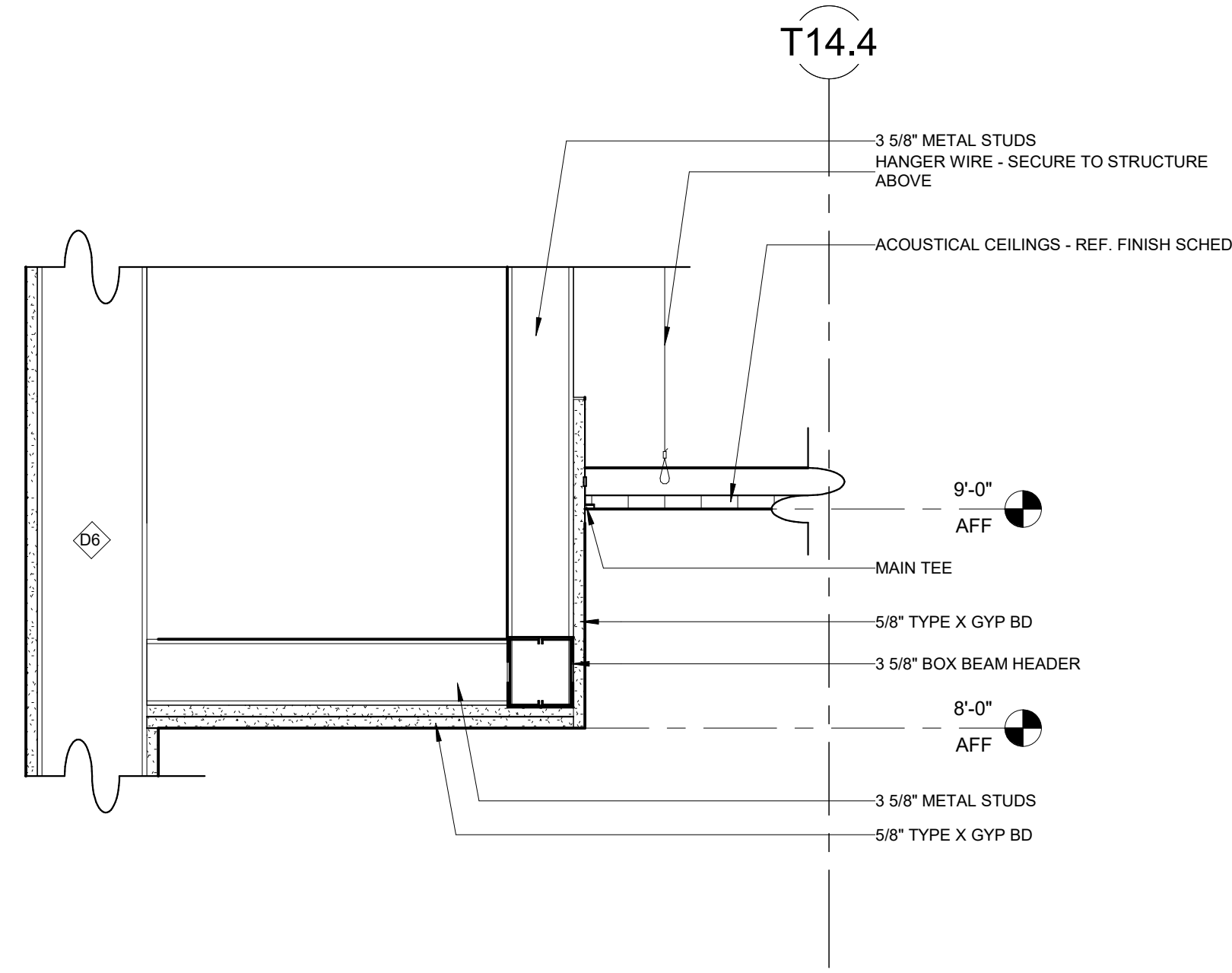
Sheet No.

Building Name: **MERCY NWA HOSPITAL**
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: **7TH FLOOR CEILING DETAILS**

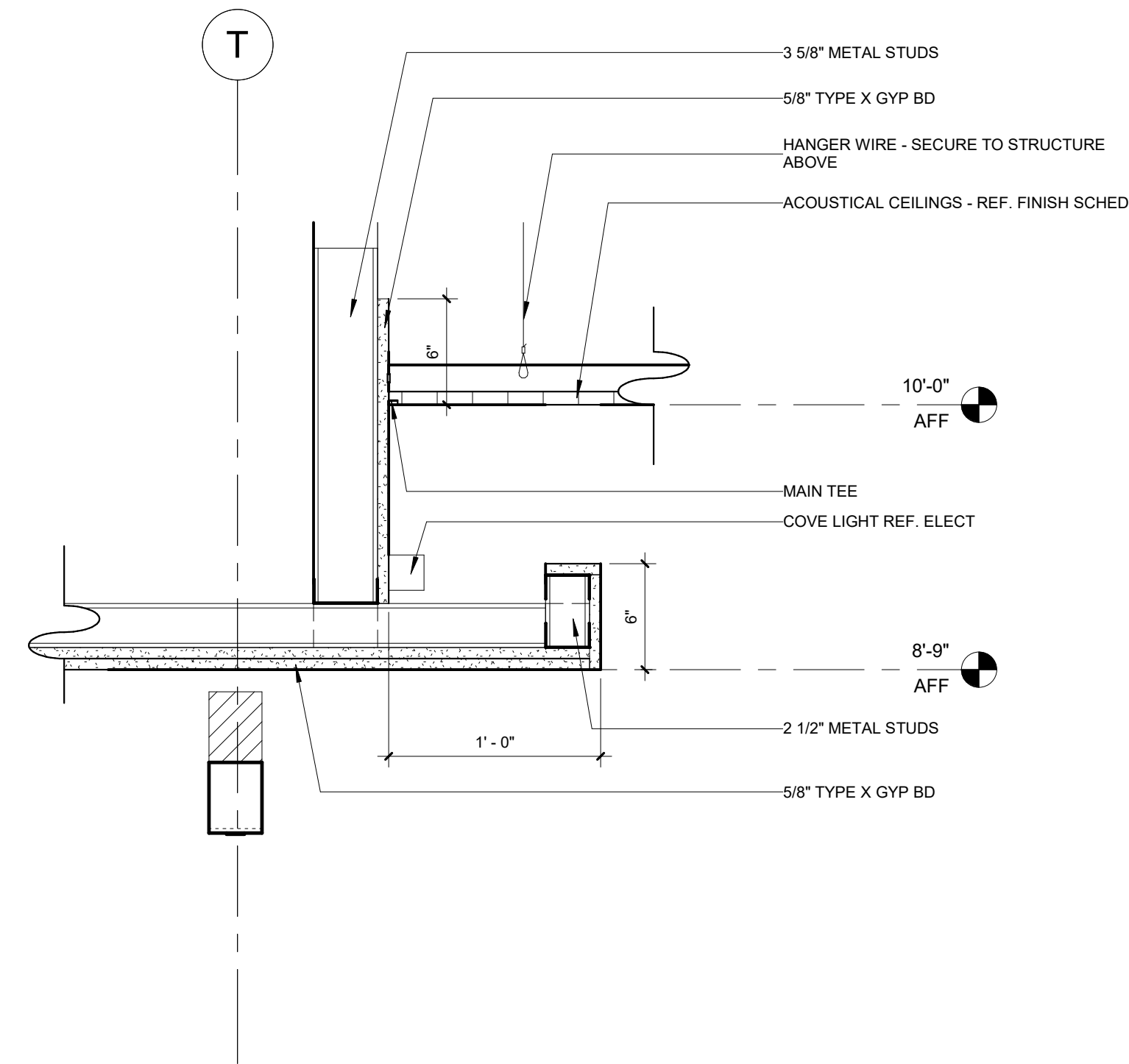
Project No.: 2040-821203
Date: 11/27/24
Scale: 1 1/2" = 1'-0"



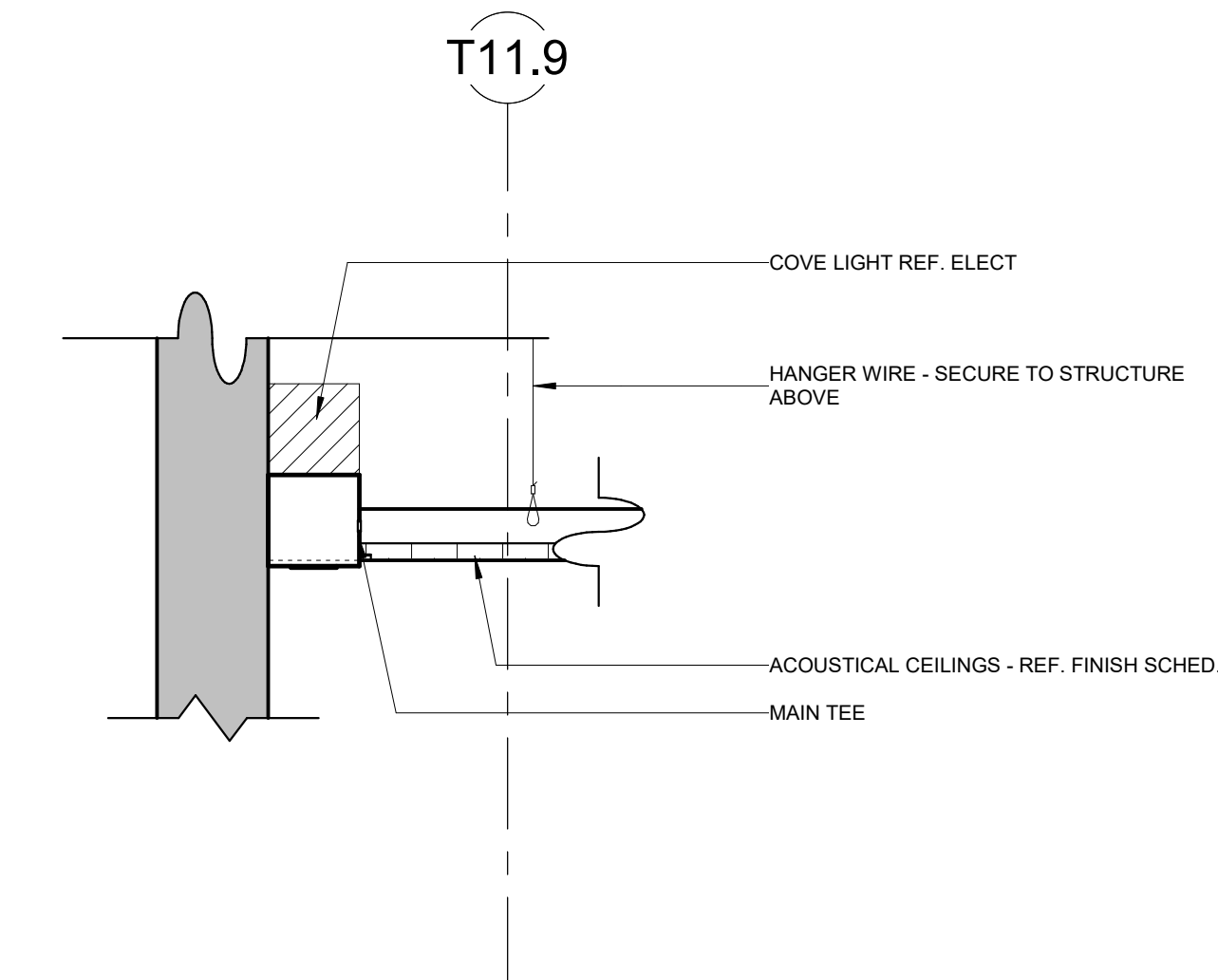
Floor No.:
Sheet No.:
A9.1D



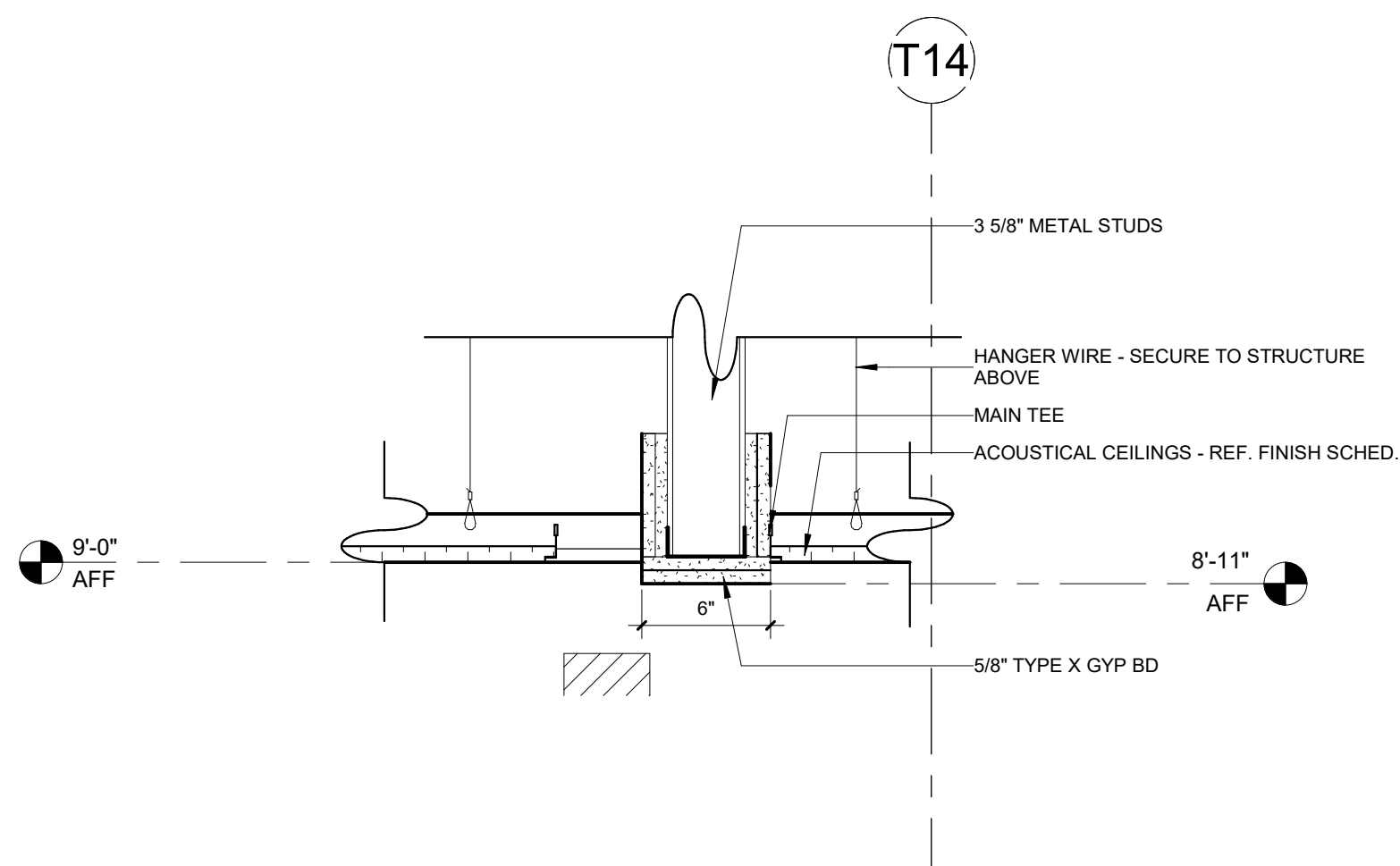
4 CEILING DETAIL @ PATIENT ROOM ALCOVE
1 1/2" = 1'-0"



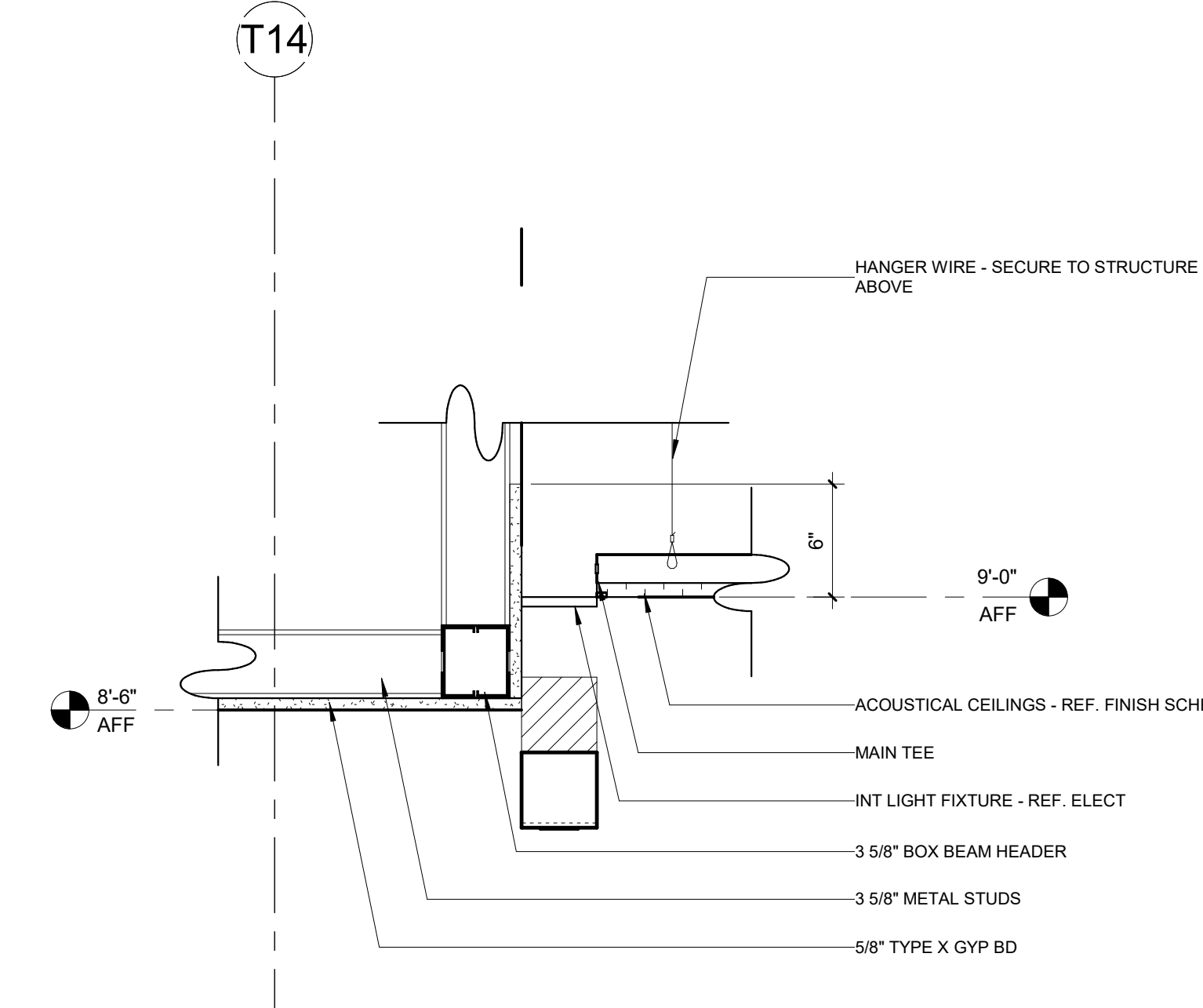
5 COVE LIGHT CEILING DETAIL
1 1/2" = 1'-0"



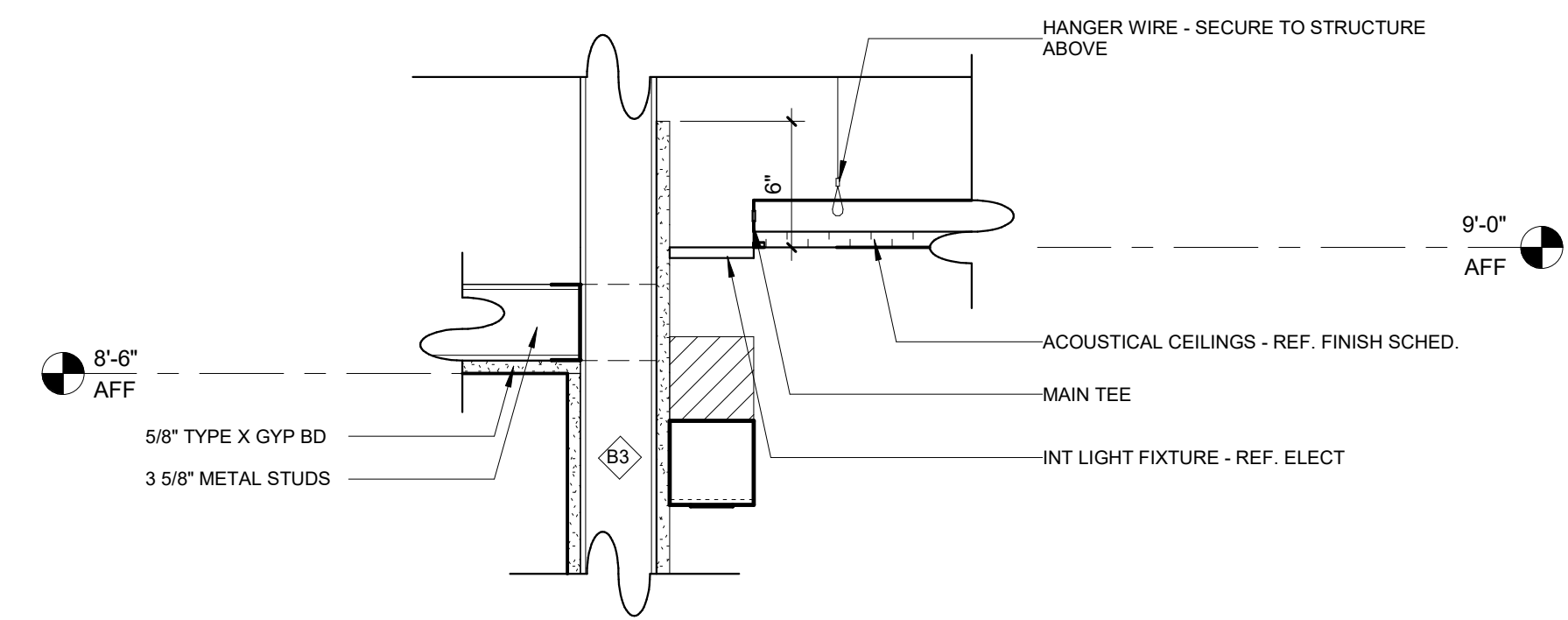
6 COVE LIGHT @ CORRIDOR PERIMETER
1 1/2" = 1'-0"



1 CEILING DETAIL @ HEADER
1 1/2" = 1'-0"



2 DETAIL @ NURSE'S STATION
1 1/2" = 1'-0"



3 CEILING DETAIL @ NURSE'S STATION ALCOVE
1 1/2" = 1'-0"

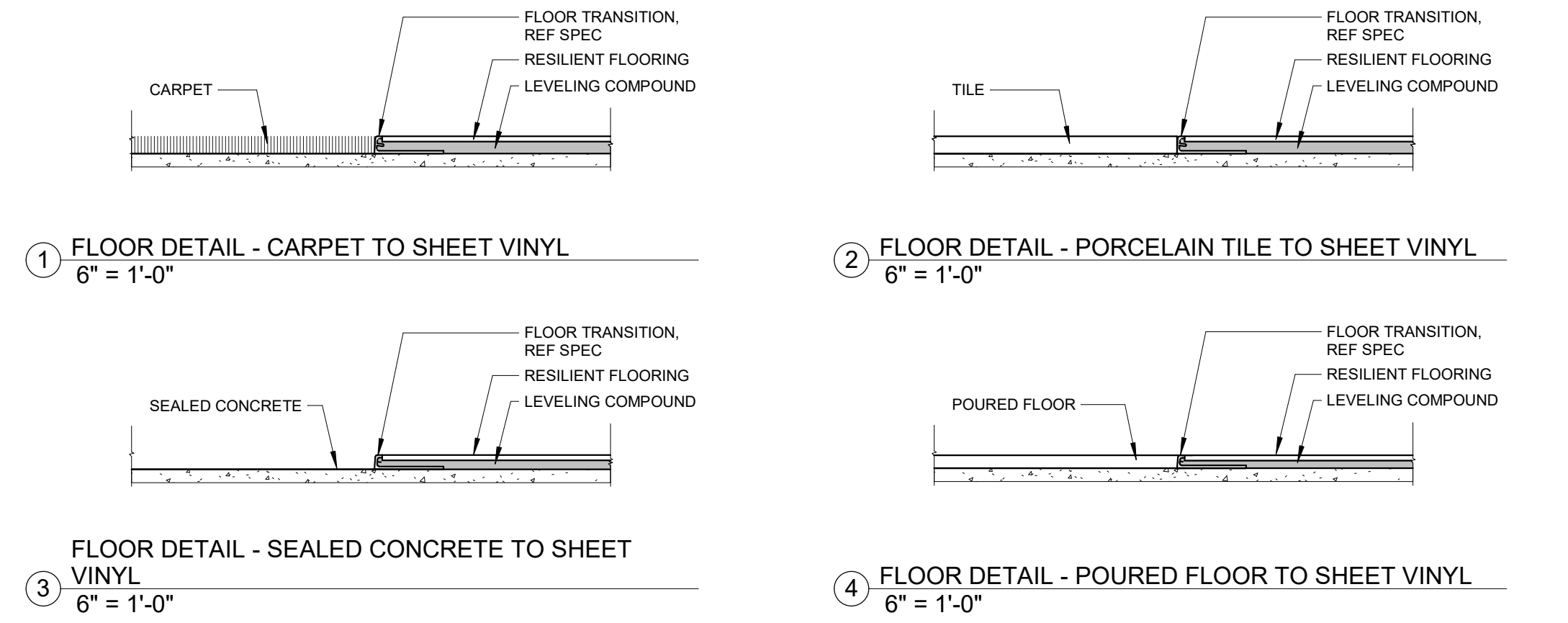


FINISH LEGEND table with columns: CODE, DESCRIPTION, MANUFACTURER, STYLE NAME, STYLE / COLOR, SIZE / TYPE, ADDITIONAL INFORMATION, REP INFO & HEALTH TRUST CONTRACT #. Lists various materials like tile, carpet, wall, and floor finishes.

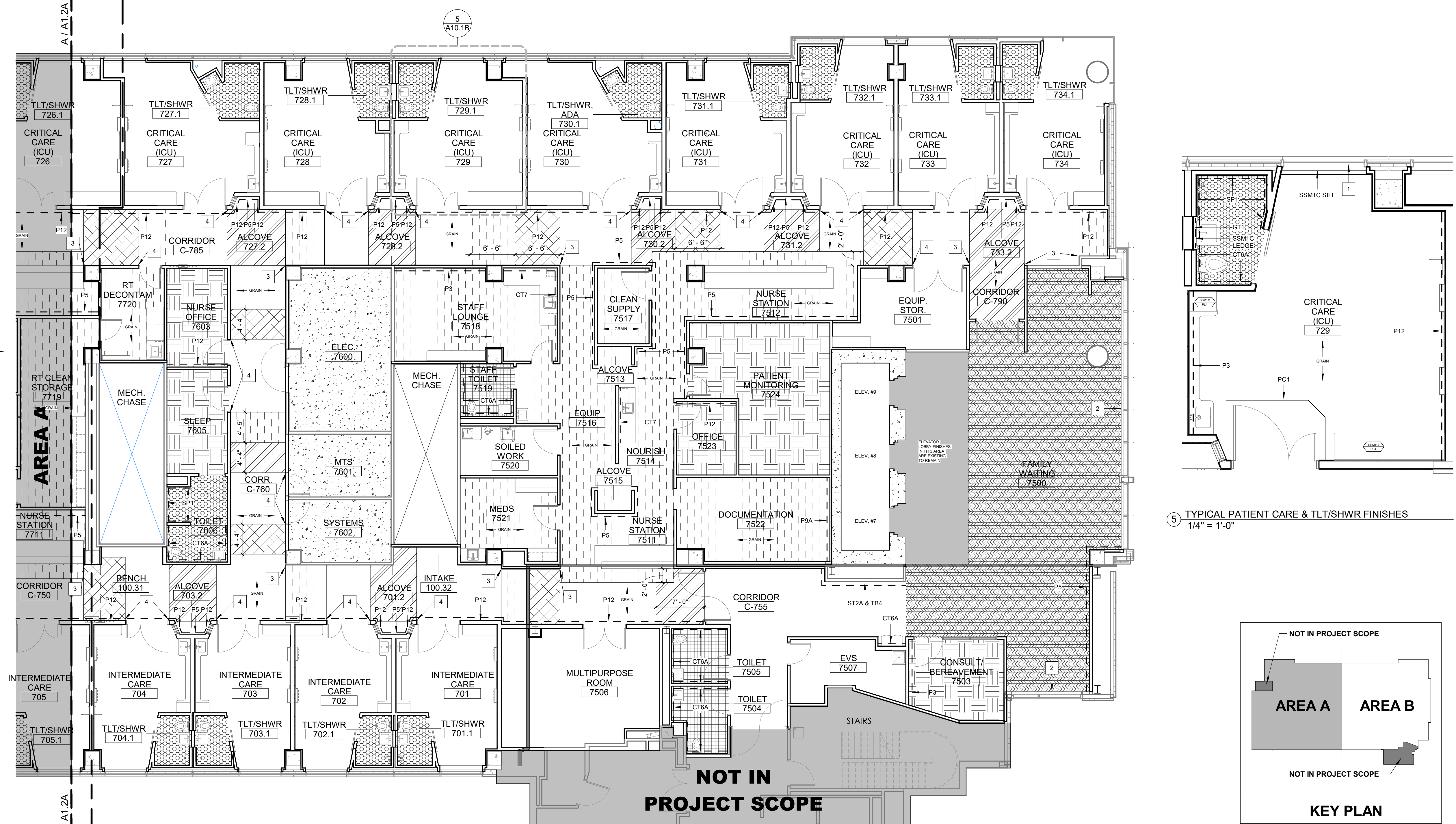
- GENERAL NOTES: FINISH PLAN
1. ALL FLOORING TRANSITIONS OCCUR AT THE CENTERLINE OF THE DOOR. FLOOR COVERINGS TO HAVE MINIMAL HEIGHT TRANSITIONS.
2. REFERENCE FLOOR FINISH PLAN FOR FLOOR FINISH PATTERNS.
3. REFERENCE SPECIFICATIONS, ELEVATIONS, AND DETAIL DRAWINGS FOR SPECIAL MATERIALS.
4. REFER TO ELEVATIONS FOR TILE PATTERNS.
5. ALL SOFFITS ABOVE WALL AND TALL CABINETS TO BE PLASTIC LAMINATE. TO BE INSTALLED FLUSH WITH CABINET DOORS AND OVERHANG FINISHED END BY 3/4".
6. PROVIDE CAULK JOINT TO CAulk EJT171 AT ALL INSIDE AND OUTSIDE TILED CORNERS (INSIDE CORNERS: BETWEEN TILE TO TILE; OUTSIDE CORNERS: BETWEEN TILE AND METALTRIM).
7. PROVIDE CAULK JOINT TO CAulk EJT171 AT ALL INSIDE AND OUTSIDE TILED CORNERS (INSIDE CORNERS: BETWEEN TILE TO TILE; OUTSIDE CORNERS: BETWEEN TILE AND METALTRIM).
8. INSTALL SPLITTER TRIM AT ALL OUTSIDE CORNERS. COVE, EXPOSED EDGES OF TILE.
9. DALLIE NATIONAL, ACCOUNTS 877.556.5728
10. DALLIE NATIONAL, ACCOUNTS 877.556.5728
11. COORDINATES WITH P12A. PROVIDE MINIMUM SIZE GROUT JOINTS. TYPICAL.
12. INSTALLATION: VERTICAL ASHLAR
13. PRODUCT NUMBER: 608378912 - FI-INSTALLATION: VERTICAL ASHLAR
14. GROUT COLOR: ADJACENT-16 SAUTERRENE: RESTROOM WET WALLS AND ADJACENT TWO WALLS, HEIGHT: 6" AFF, TILE UNDERROUND MIRRORS: INSTALL METHOD: BRICK
15. GROUT COLOR: MAPEL 39 IVORY: SCHLUTER TRIM: 12" JOLLY, S1212, STAFF BREAK ROOM BACKSPLASH: INSTALLATION METHOD: BRICK OR 1/3 RUNNING BOND
16. GROUT COLOR: MAPEL 39 IVORY: SCHLUTER TRIM: 12" JOLLY, S1212, STAFF BREAK ROOM BACKSPLASH: INSTALLATION METHOD: BRICK OR 1/3 RUNNING BOND
17. GROUT COLOR: MAPEL 39 IVORY: SCHLUTER TRIM: 12" JOLLY, S1212, STAFF BREAK ROOM BACKSPLASH: INSTALLATION METHOD: BRICK OR 1/3 RUNNING BOND
18. GROUT COLOR: MAPEL 39 IVORY: SCHLUTER TRIM: 12" JOLLY, S1212, STAFF BREAK ROOM BACKSPLASH: INSTALLATION METHOD: BRICK OR 1/3 RUNNING BOND
19. HORIZONTAL PATTERN: GROUT COLOR: TBD
20. TRENDS IN TILE, ST LOUIS, MO
21. HANK MENKING 314.281.7485; CONTRACT #5693
22. HANK MENKING 314.281.7485; CONTRACT #5693
23. HANK MENKING 314.281.7485; CONTRACT #5693
24. HANK MENKING 314.281.7485; CONTRACT #5693
25. HANK MENKING 314.281.7485; CONTRACT #5693
26. HANK MENKING 314.281.7485; CONTRACT #5693
27. HANK MENKING 314.281.7485; CONTRACT #5693
28. HANK MENKING 314.281.7485; CONTRACT #5693
29. HANK MENKING 314.281.7485; CONTRACT #5693
30. HANK MENKING 314.281.7485; CONTRACT #5693
31. HANK MENKING 314.281.7485; CONTRACT #5693
32. HANK MENKING 314.281.7485; CONTRACT #5693
33. HANK MENKING 314.281.7485; CONTRACT #5693
34. HANK MENKING 314.281.7485; CONTRACT #5693
35. HANK MENKING 314.281.7485; CONTRACT #5693
36. HANK MENKING 314.281.7485; CONTRACT #5693
37. HANK MENKING 314.281.7485; CONTRACT #5693
38. HANK MENKING 314.281.7485; CONTRACT #5693
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94. HANK MENKING 314.281.7485; CONTRACT #5693
95. HANK MENKING 314.281.7485; CONTRACT #5693
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100. HANK MENKING 314.281.7485; CONTRACT #5693

MERCY FLOOR FINISH LEGEND table showing various floor finishes and their corresponding hatching patterns, including Sheet Vinyl, Porcelain Tile, Carpet, and Sealed Concrete.

PLAN NOTES - FINISH FLOOR PLAN table with columns: #, NOTE. Lists manual and motorized roller shades and sheet vinyl alignment instructions.



FINISH SCHEDULE - AREA B table with columns: RM #, ROOM NAME, FLOOR, BASE, WALL FIELD, CASEWORK VERTICAL, CASEWORK HORIZONTAL, CEILING TYPE / FINISH. Lists room finishes for various areas like critical care, nurse stations, and corridors.



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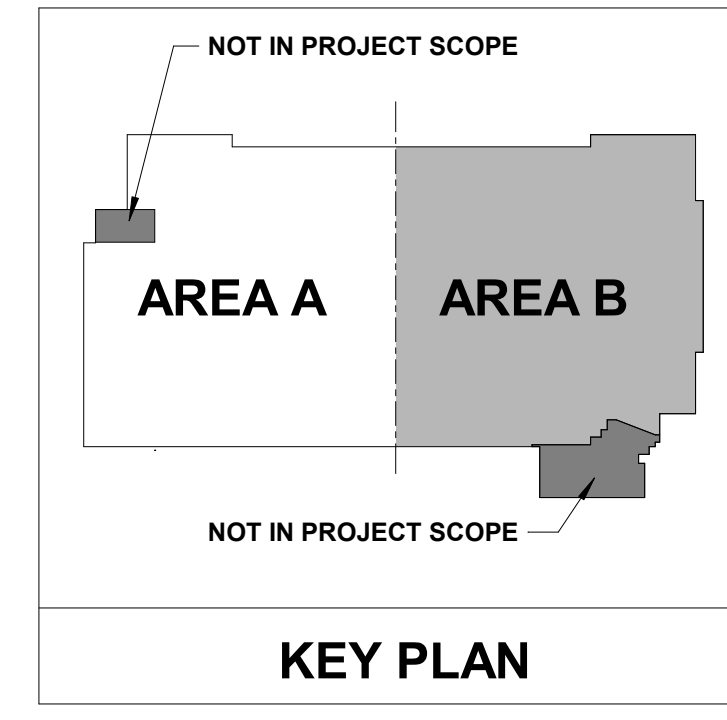
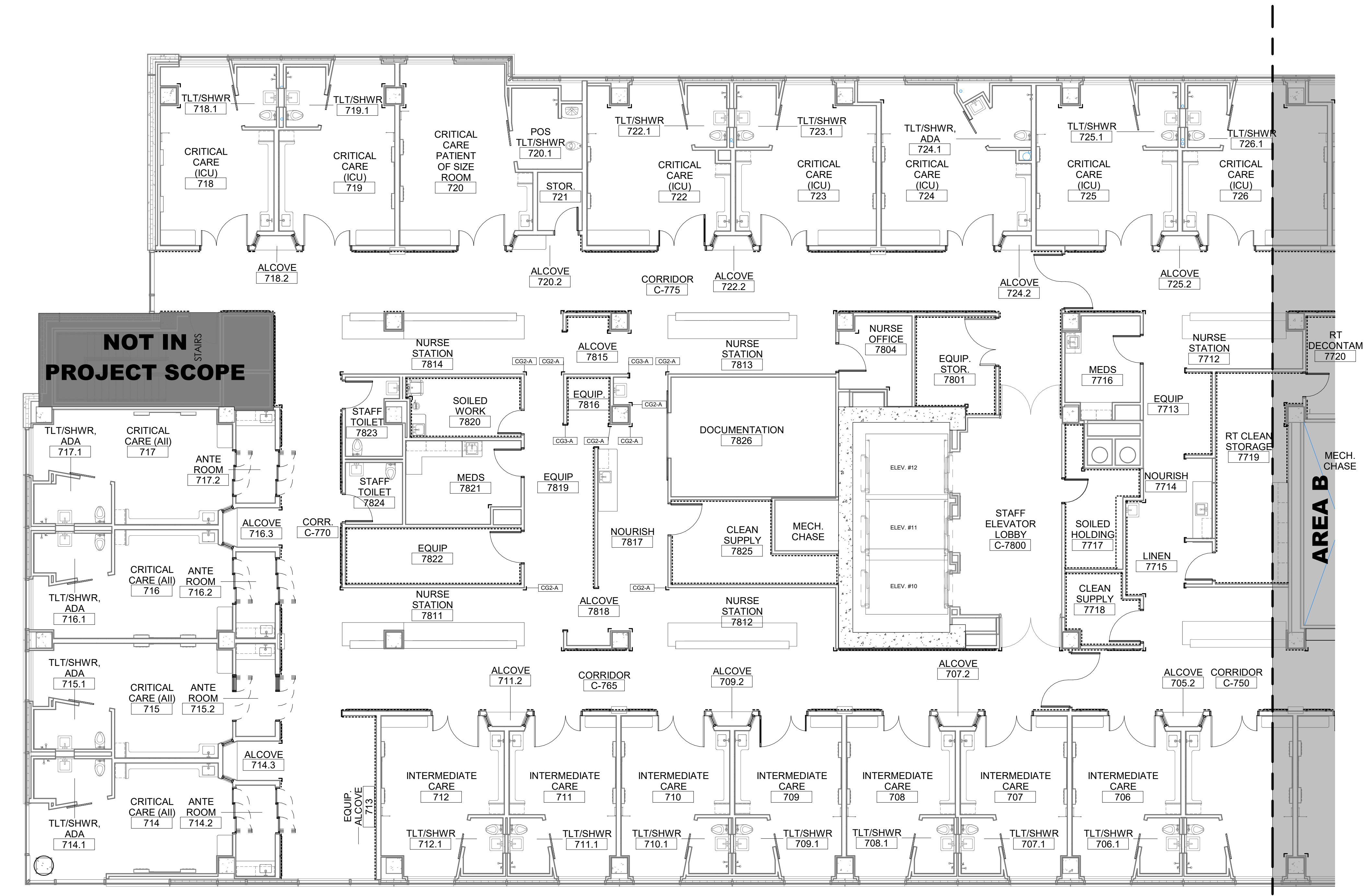
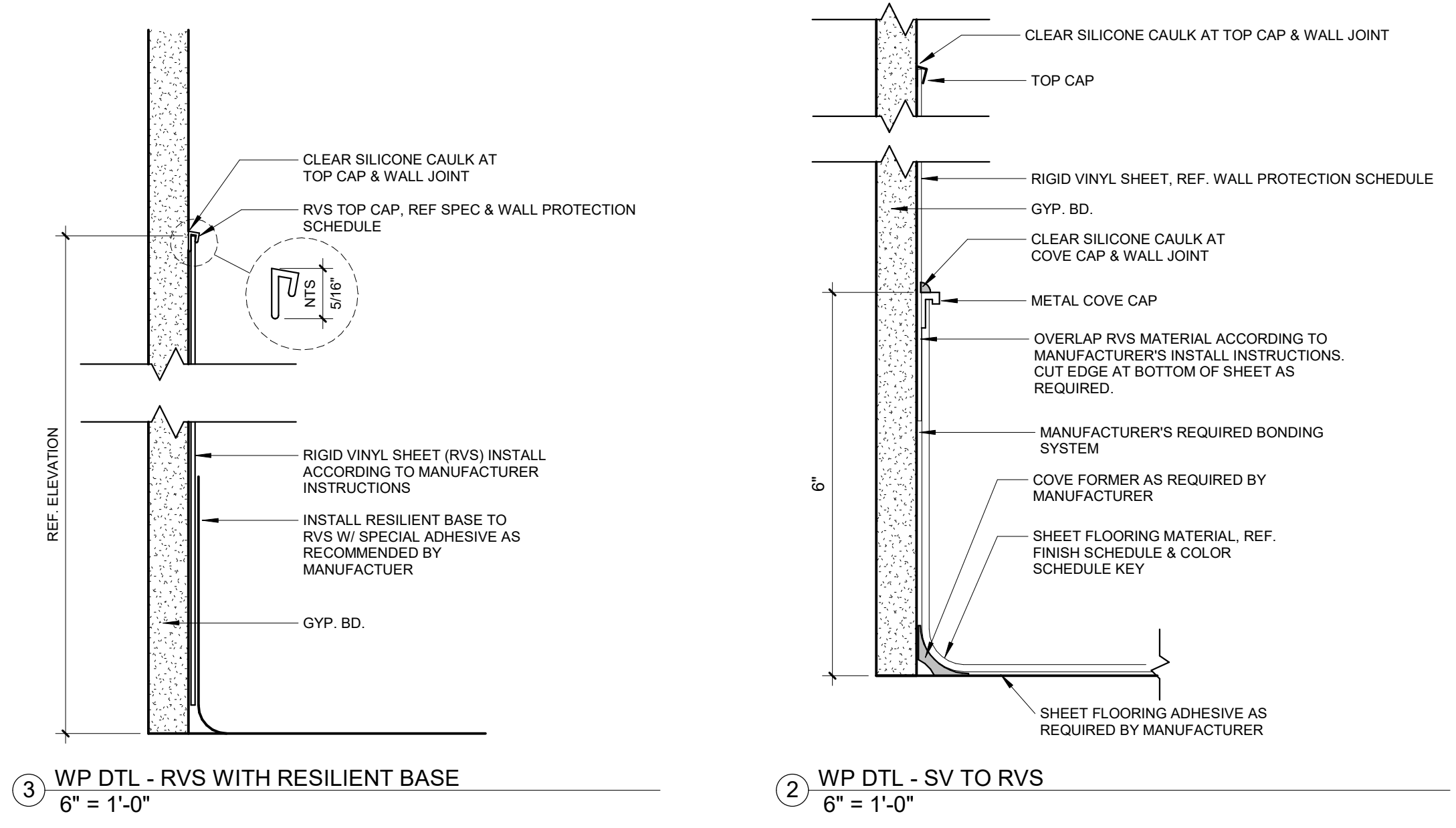
MERCY NWA HOSPITAL
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy logo and project information: Project No.: 2040-821203, Date: 11/15/2024, Scale: As indicated, 7TH FLOOR FINISH PLAN - AREA B, 7TH FLOOR, A10.1B

WALL PROTECTION SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	MODEL / FINISH	SIZE
CG2	CORNER GUARD	INPRO	1808N, FINISH: ANTIQUE WHITE	2"x2" WINGS, FULL HEIGHT INSTALLATION ABOVE FLOOR BASE
CG2-A	CORNER GUARD	INPRO	1808N, FINISH: COLOR MATCH SW6211 RAINWASHED	2"x2" WINGS, FULL HEIGHT INSTALLATION ABOVE FLOOR BASE
CG3	END WALL PROTECTOR	INPRO	1808BN, FINISH: ANTIQUE WHITE	2"x2" WINGS, FULL HEIGHT INSTALLATION
CG3-A	END WALL PROTECTOR	INPRO	1808BN, FINISH: COLOR MATCH SW6211 RAINWASHED	2"x2" WINGS, FULL HEIGHT INSTALLATION
CR1	CRASH RAIL WALL PROTECTION	INPRO	700 WG	2"x2" WINGS, FULL HEIGHT INSTALLATION
HR1	HANDRAIL WALL PROTECTION	INPRO	3110	
RVS2	RIGID VINYL SHEET (4'-0")	INPRO	PALLADIUM SHEET, TEXTURE: VELVET / FINISH: ANTIQUE WHITE	48X SHEET, .040" THICKNESS

WALL PROTECTION LEGEND	
CORNER GUARD	
END WALL GUARD	
ANGLE WALL GUARD	
HAND RAIL, CRASH RAIL, & RVS (CR-X)	
RIGID VINYL SHEET (RVSX)	

- GENERAL NOTES**
- INSTALL ALL WALL CORNER GUARDS, END GUARDS, & ANGLE GUARDS ABOVE FLOOR BASE.
 - INSTALL ALL RIGID VINYL SHEET ACCORDING TO MANUFACTURER INSTRUCTIONS.
 - INCLUDE ALL REQUIRED VERTICAL AND HORIZONTAL TRIM PIECES WITH RIGID VINYL SHEET.
 - REFER TO WALL PROTECTION SCHEDULE AND SPECIFICATIONS MANUAL FOR WALL PROTECTION MANUFACTURER, SIZE & COLOR.
 - ENSURE OUTLETS, MED GAS, AND ANY WALL MOUNTED EQUIPMENT DOES NOT OVERLAP THE TOP EDGE OF WALL PROTECTION.
 - ALL EXPOSED 90 DEGREE CORNERS TO RECEIVE CG2 UNLESS OTHERWISE NOTED.
 - ALL EXPOSED WING WALLS TO RECEIVE CG3 UNLESS OTHERWISE NOTED.
 - RIGID VINYL SHEET ADJACENT TO COUNTERTOP TO ALIGN WITH TOP OF COUNTERTOP OR BACKSLASH. REFERENCE ELEVATIONS.
 - ENSURE ALL CORNER GUARDS AND END WALL GUARDS MATCH WALL PAINT COLOR.



1 7TH FLOOR WALL PROTECTION PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"

No.	Date	Description

PROGRESS DRAWING
1/8/2025 4:02:42 PM
NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 11/15/2024
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR WALL PROTECTION PLAN - AREA A



7TH FLOOR
Sheet No.: **A10.2A**

WALL PROTECTION SCHEDULE OLD				
TYPE	DESCRIPTION	MANUFACTURER	MODEL / FINISH	SIZE
CG2	CORNER GUARD	INPRO	160BN, FINISH: ANTIQUE WHITE	2'X2' WINGS, FULL HEIGHT INSTALLATION ABOVE FLOOR BASE
CG2-A	CORNER GUARD (ACCENT COLOR)	INPRO	160BN, FINISH: COLOR MATCH SW6211 RAINWASHED	2'X2' WINGS, FULL HEIGHT INSTALLATION
CG3	END WALL PROTECTOR	INPRO	160DBN, FINISH: ANTIQUE WHITE	2'X2' WINGS, FULL HEIGHT INSTALLATION
CG3-A	END WALL PROTECTOR (ACCENT COLOR)	INPRO	160DBN, FINISH: COLOR MATCH SW6211 RAINWASHED	2'X2' WINGS, FULL HEIGHT INSTALLATION
RVS2	RIGID VINYL SHEET (4'-0")	INPRO	PALLADIUM SHEET, TEXTURE: VELVET / FINISH: ANTIQUE WHITE	4'X8 SHEET, .047" THICKNESS

WALL PROTECTION LEGEND	
CORNER GUARD	┌
END WALL GUARD	└
ANGLE WALL GUARD	└└
HAND RAIL, CRASH RAIL, & RVS (CR-X)	—
RIGID VINYL SHEET (RVSX)	---

- GENERAL NOTES**
- INSTALL ALL WALL CORNER GUARDS, END GUARDS, & ANGLE GUARDS ABOVE FLOOR BASE.
 - INSTALL ALL RIGID VINYL SHEET ACCORDING TO MANUFACTURER INSTRUCTIONS.
 - INCLUDE ALL REQUIRED VERTICAL AND HORIZONTAL TRIM PIECES WITH RIGID VINYL SHEET.
 - REFER TO WALL PROTECTION SCHEDULE AND SPECIFICATIONS MANUAL FOR WALL PROTECTION MANUFACTURER, SIZE & COLOR.
 - ENSURE OUTLETS, MED GAS, AND ANY WALL MOUNTED EQUIPMENT DOES NOT OVERLAP THE TOP EDGE OF WALL PROTECTION.
 - ALL EXPOSED 90 DEGREE CORNERS TO RECEIVE CG2 UNLESS OTHERWISE NOTED.
 - ALL EXPOSED WING WALLS TO RECEIVE CG3 UNLESS OTHERWISE NOTED.
 - RIGID VINYL SHEET ADJACENT TO COUNTERTOP TO ALIGN WITH TOP OF COUNTERTOP OR BACKSPASH. REFERENCE ELEVATIONS.
 - ENSURE ALL CORNER GUARDS AND END WALL GUARDS MATCH WALL PAINT COLOR.

PLAN NOTES - WALL PROTECTION	
#	DESCRIPTION

Architect Log

No.	Date	Description

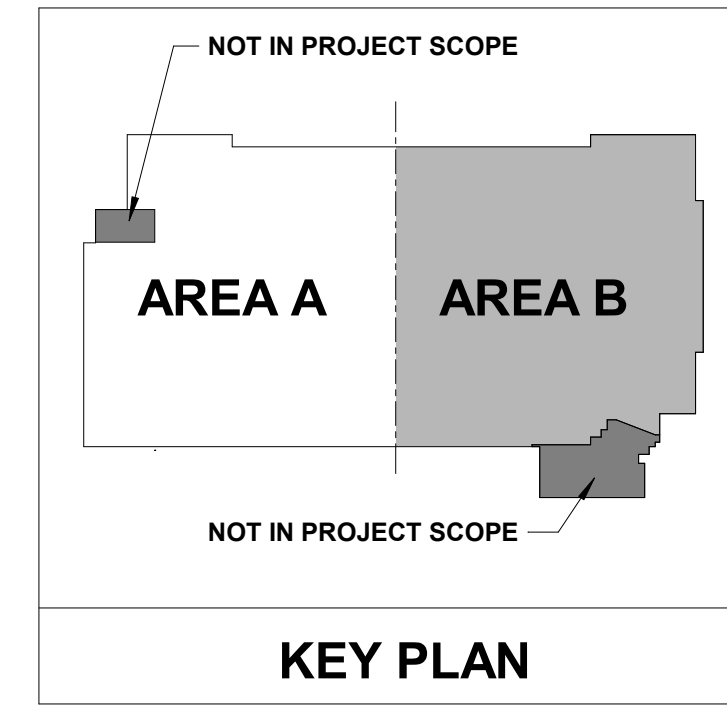
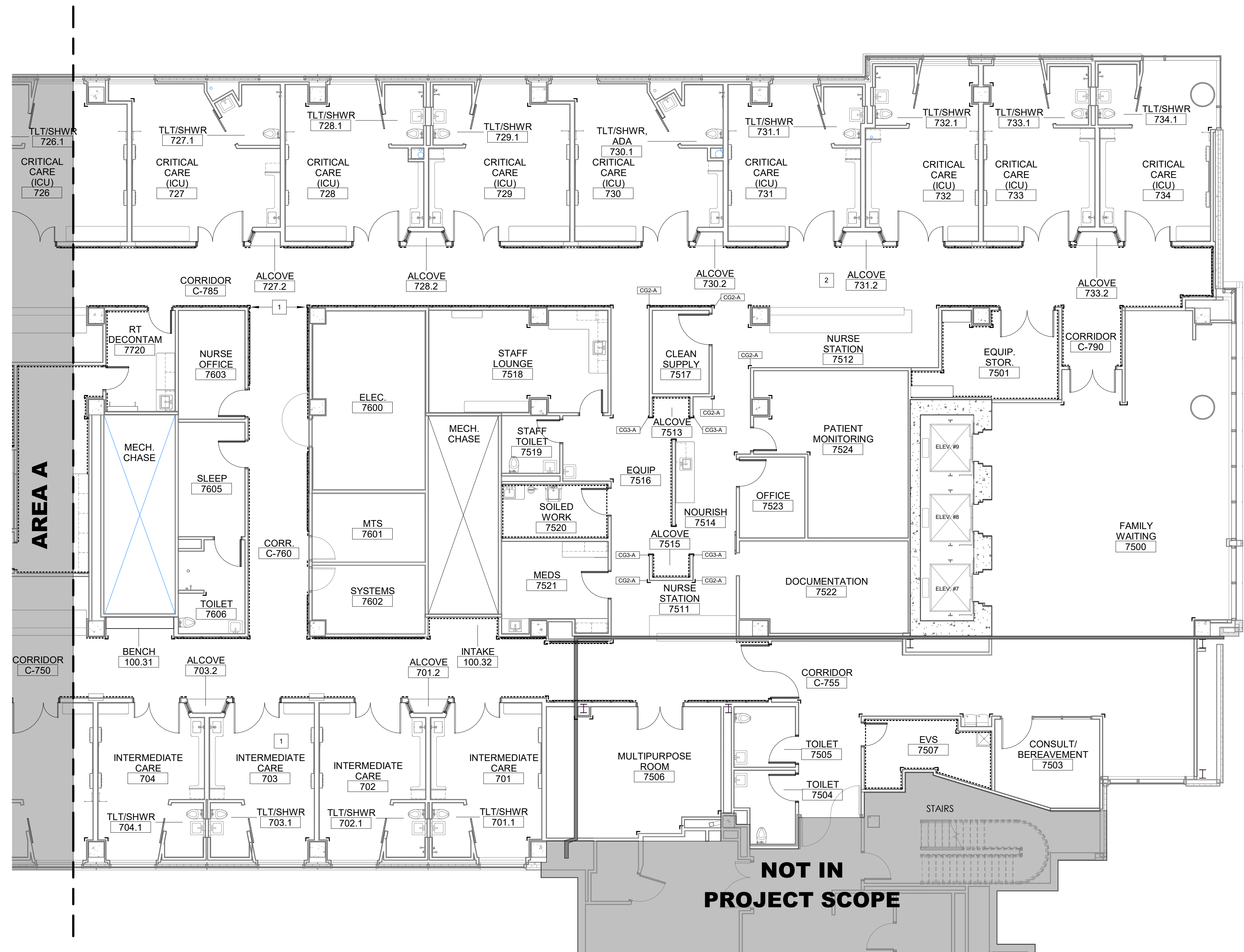
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Step & Rev: Date: 11/15/2024
 Scale: As indicated
 Mercy Project No.: 2040-821203

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: 7TH FLOOR WALL PROTECTION PLAN - AREA B



Floor No: 7TH FLOOR
 Sheet No: **A10.2B**



7TH FLOOR WALL PROTECTION PLAN - AREA B
 1/8" = 1'-0"



MECHANICAL ABBREVIATIONS

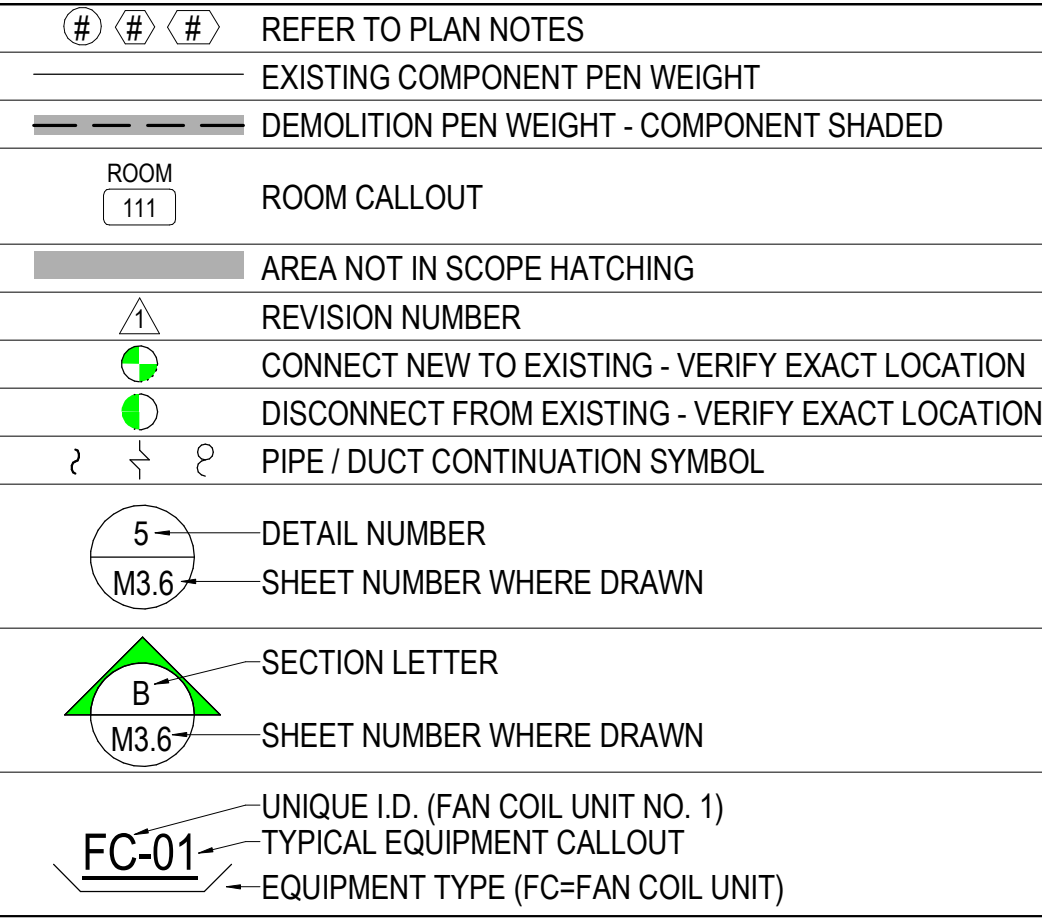
Table of mechanical abbreviations including Round Diameter, Air Conditioning, Heating, and other HVAC components.

COMPONENT ABBREVIATIONS

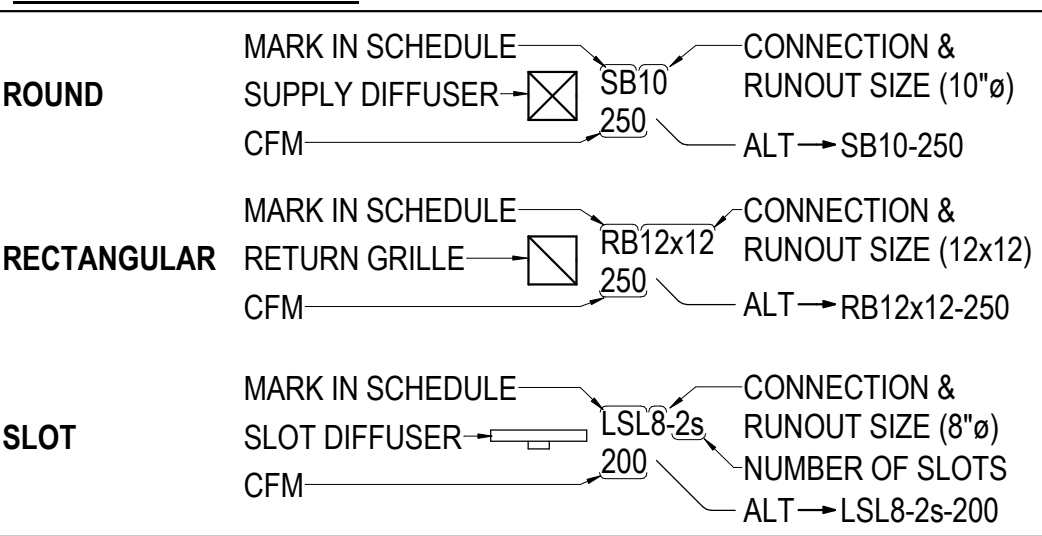
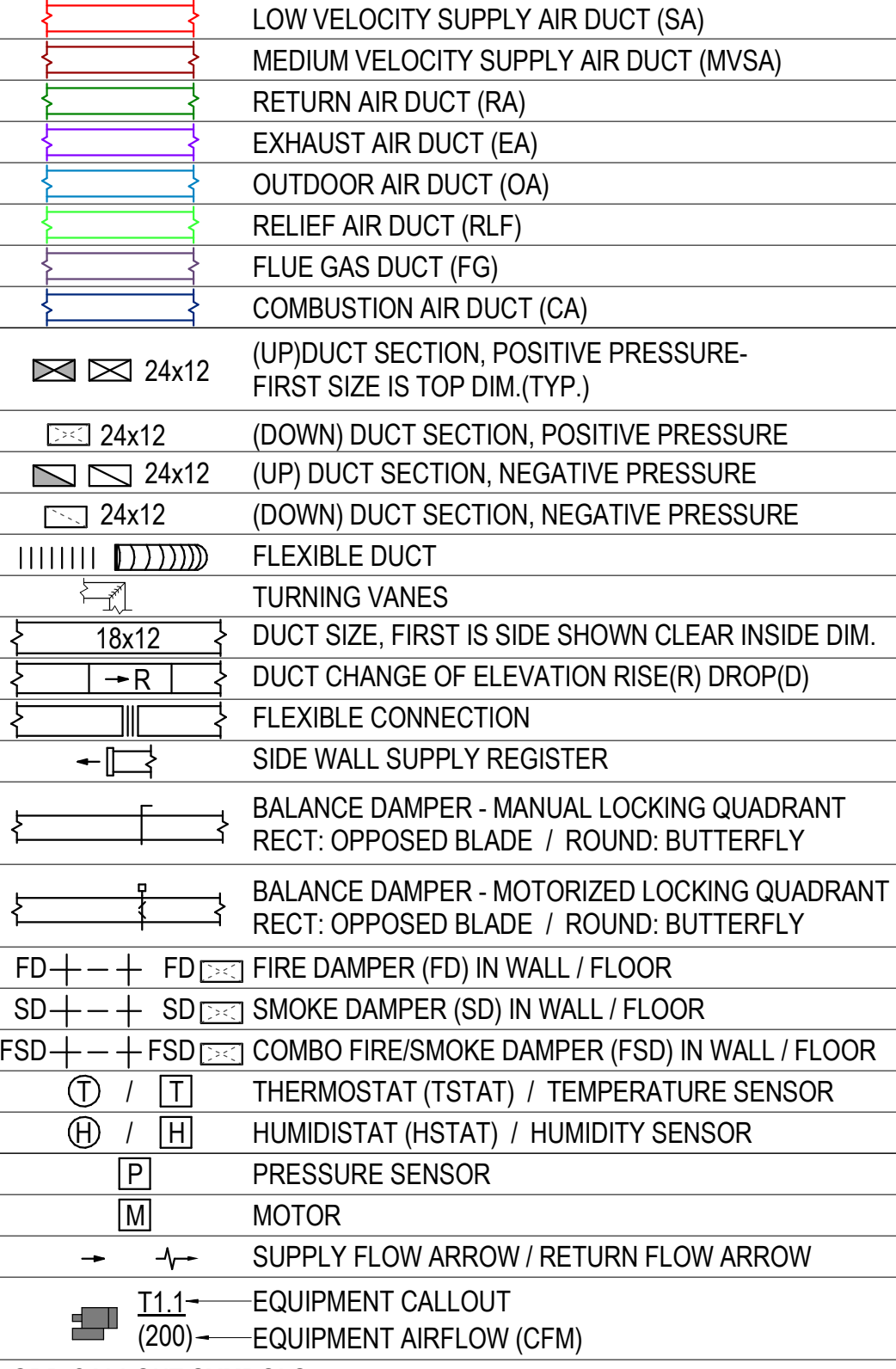
Table of component abbreviations including Air Conditioning Unit, Area Drain, Heating Water Pump, and other equipment.

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

GENERAL SYMBOLS



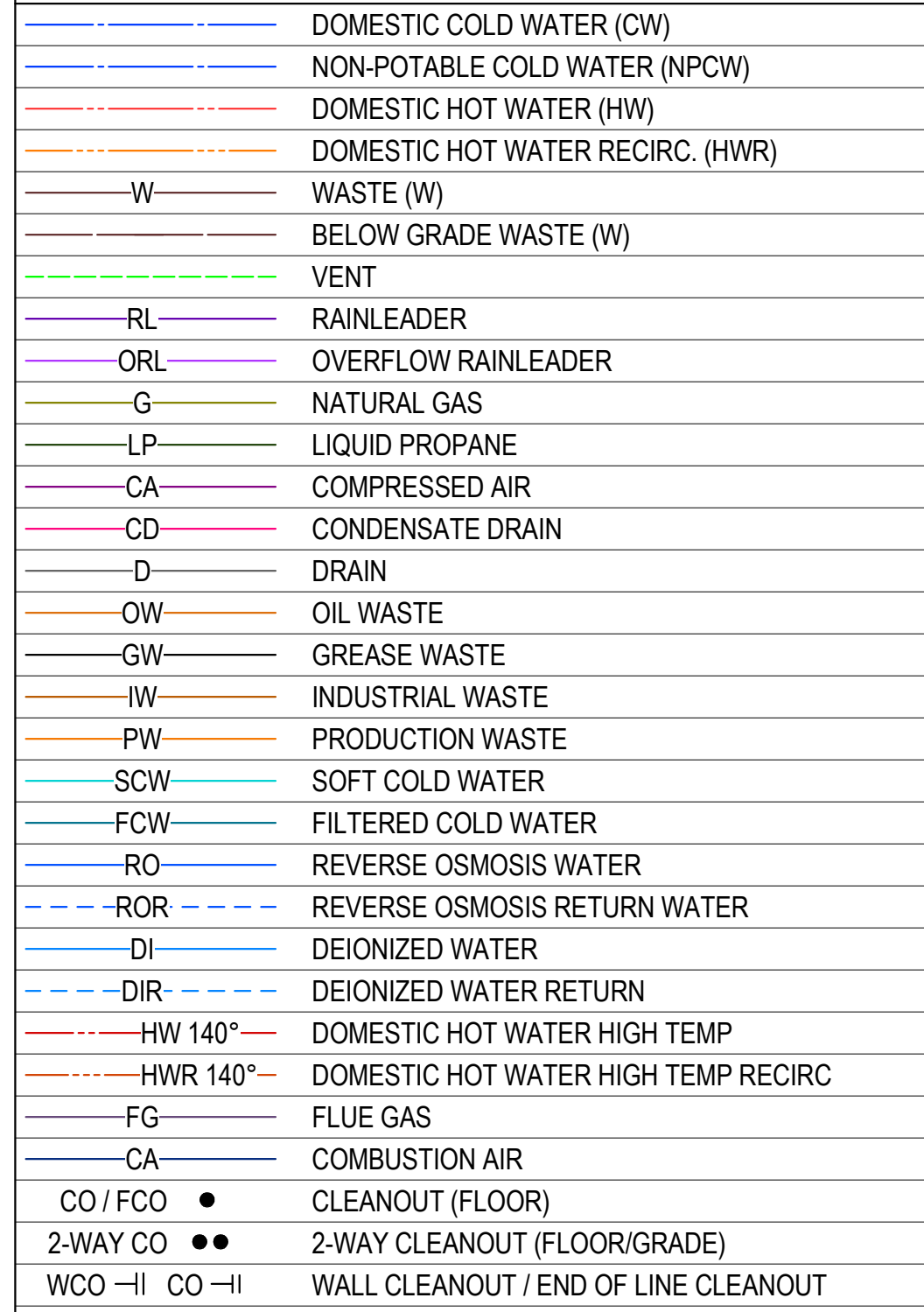
HVAC SYMBOLS



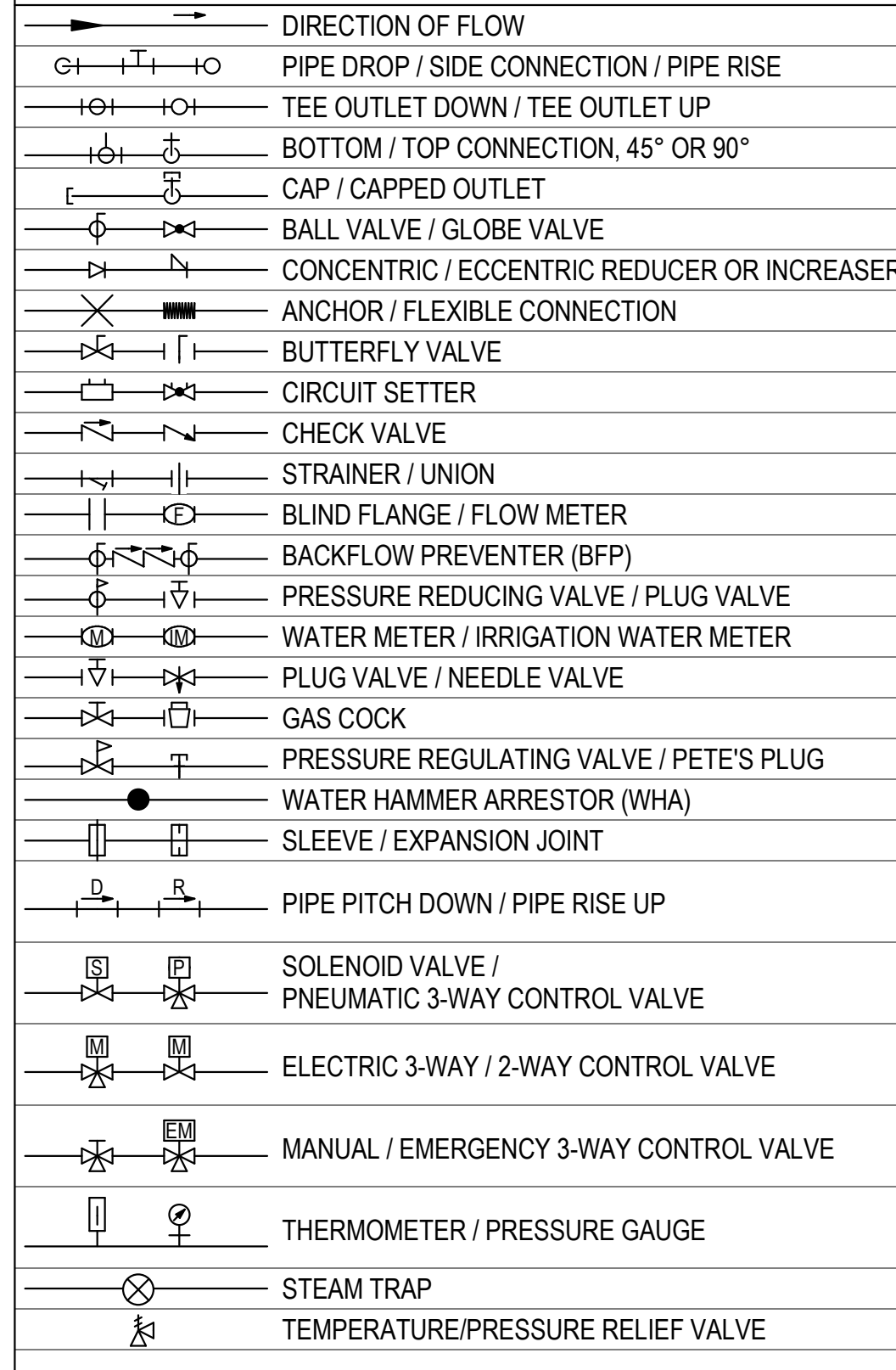
SEISMIC RESTRAINTS:

THIS IS A LIFE SAFETY BUILDING WHICH MEANS IT SHALL REMAIN REASONABLY OPERATIONAL IN THE CASE OF A SEISMIC EVENT. THEREFORE ALL STATIONARY EQUIPMENT ON THE FLOOR AND ALL CONCRETE PADS SHALL BE FIXED RIGIDLY TO THE STRUCTURE.

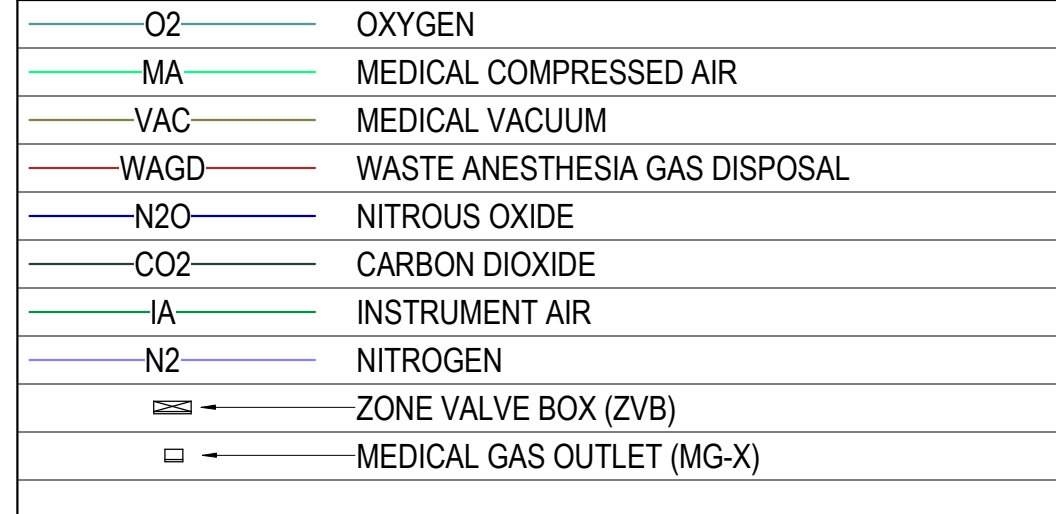
PLUMBING SYMBOLS



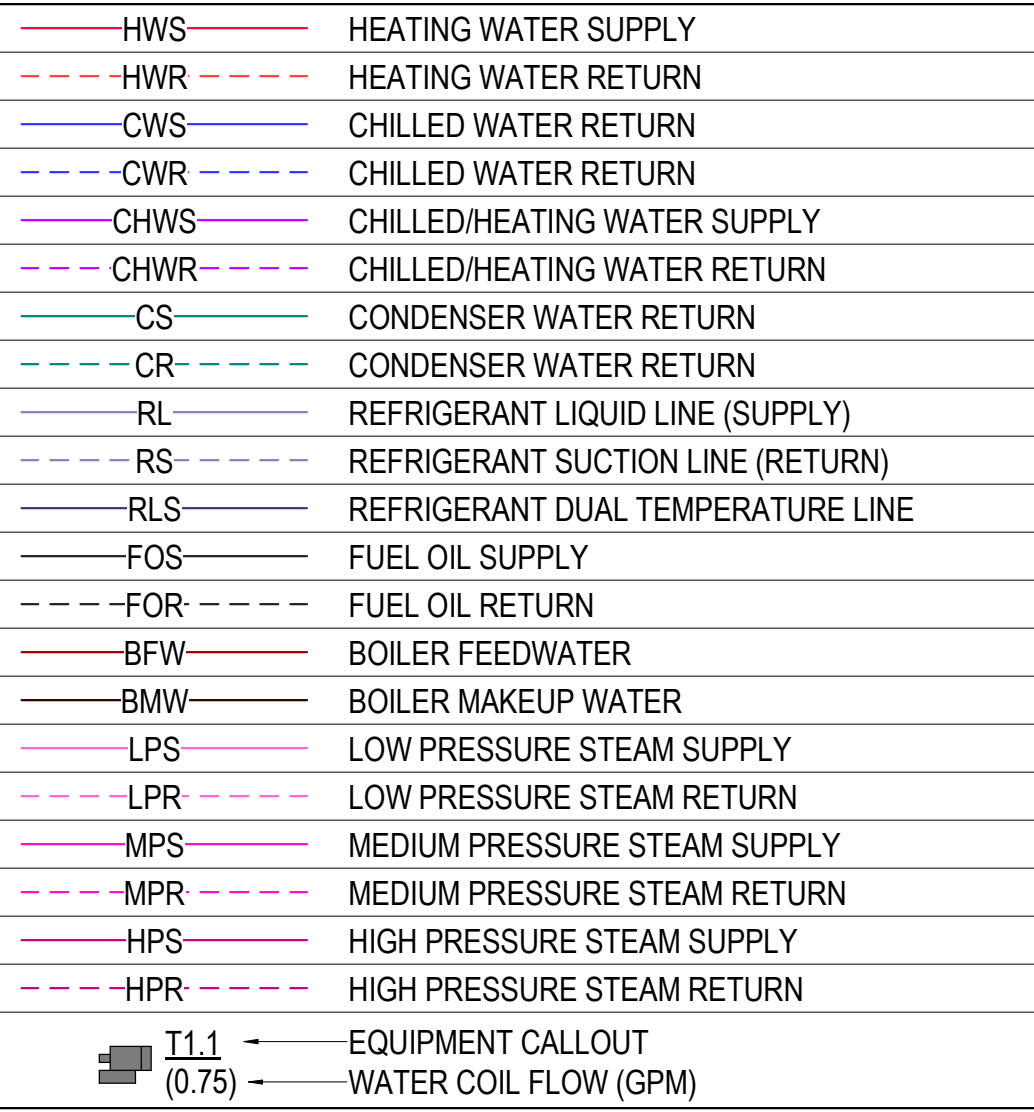
PIPE SYMBOLS



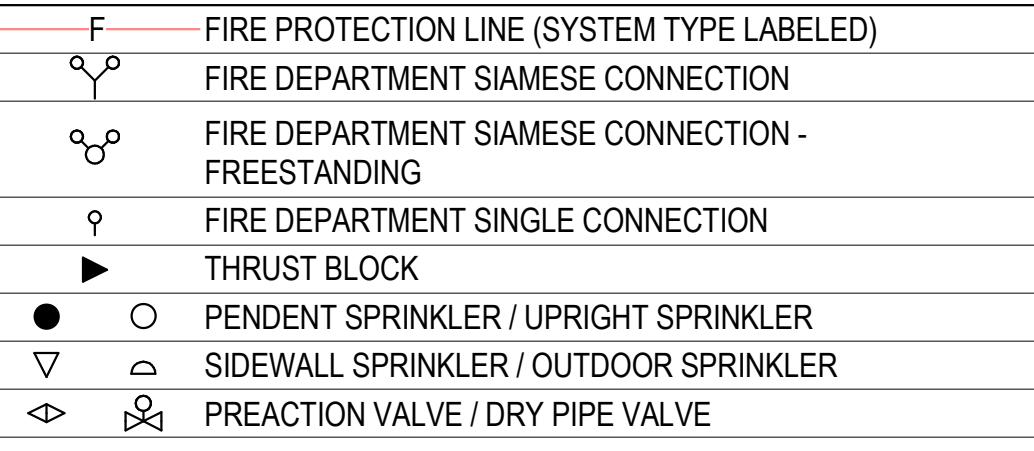
MEDICAL GAS SYMBOLS



MECH. PIPING SYMBOLS



FIRE PROT. SYMBOLS



GENERAL DEMO. NOTES

- 1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE ARCHITECT IMMEDIATELY... 2. REMOVAL OF EXISTING FIXTURES AND EQUIPMENT WILL REQUIRE ISOLATING THE PIPING RISERS OR MAINS VIA SHUT-OFF VALVES...

GENERAL NOTES

- 1. VERIFY JOB SITE CONDITIONS AND DIMENSIONS BEFORE BEGINNING WORK. PLANS ARE SCHEMATIC IN NATURE AND SUBJECT TO CHANGE. 2. NO PIPING, DUCTWORK, ETC. SHALL PENETRATE STRUCTURAL MEMBERS. 3. PROVIDE MISCELLANEOUS CUTTING, PATCHING AND REPAIRING OF FINISHES, ROOF, WALLS, ETC. AS REQUIRED TO ACCOMMODATE THE NEW WORK.

PRESSURE CLASS SCHEDULE

Table with 5 columns: Air System, Pressure Class, Seal Class, and Leakage Class (Round and Rect).

MECHANICAL SHEET INDEX

Index table listing sheet numbers and descriptions, such as Mechanical Cover Sheet, 7th Floor Fire Protection Plan, etc.



Table with 3 columns: No., Date, Description. Includes drawing date 01/07/2025 and scale No Scale.

PROGRESS DRAWING 1/7/2025 5:19:45 PM NOT FOR CONSTRUCTION

MERCY NWA HOSPITAL Building No.: 1388 ROGERS 7TH FLOOR ICU 2710 RIFE MEDICAL LANE, ROGERS, AR 72758

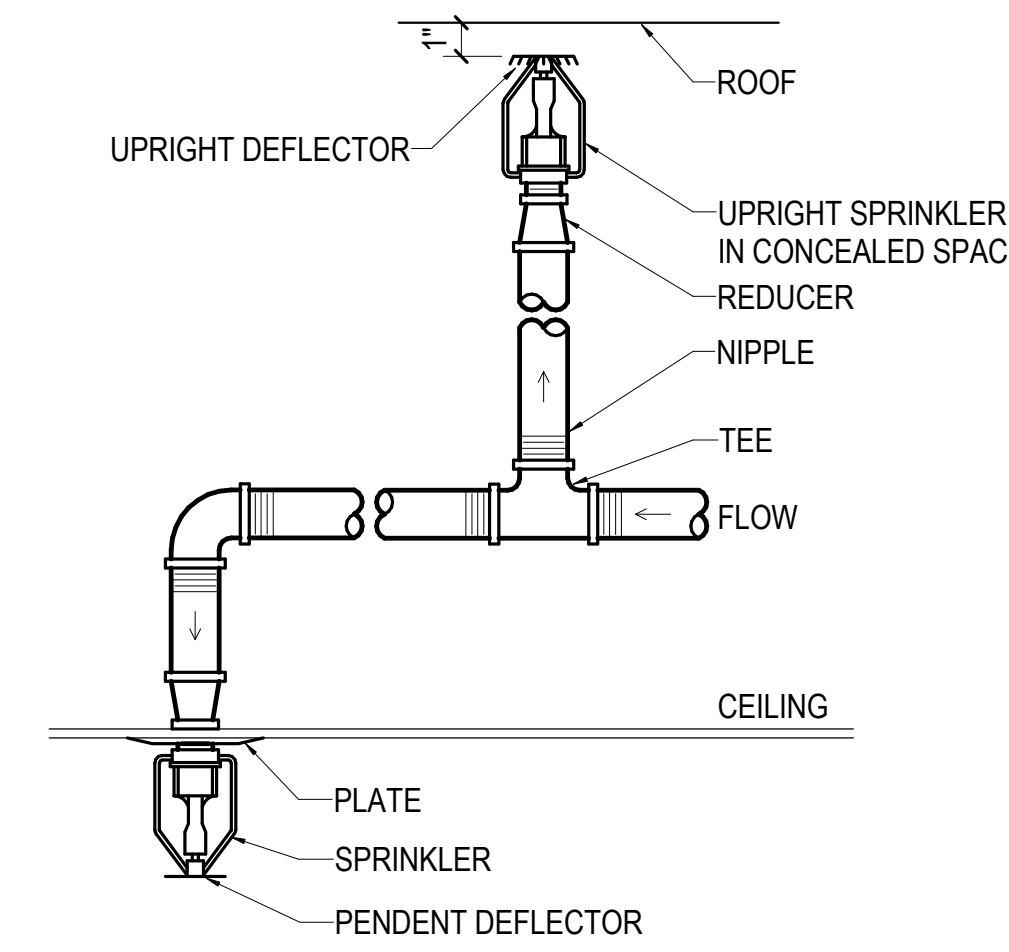
Mercy logo and project information including Professional Engineering Consultants P.A. and project number 240799/000.

HATCH LEGEND:

	NO HATCH
	WET SPRINKLER SYSTEM
	DRY SPRINKLER SYSTEM

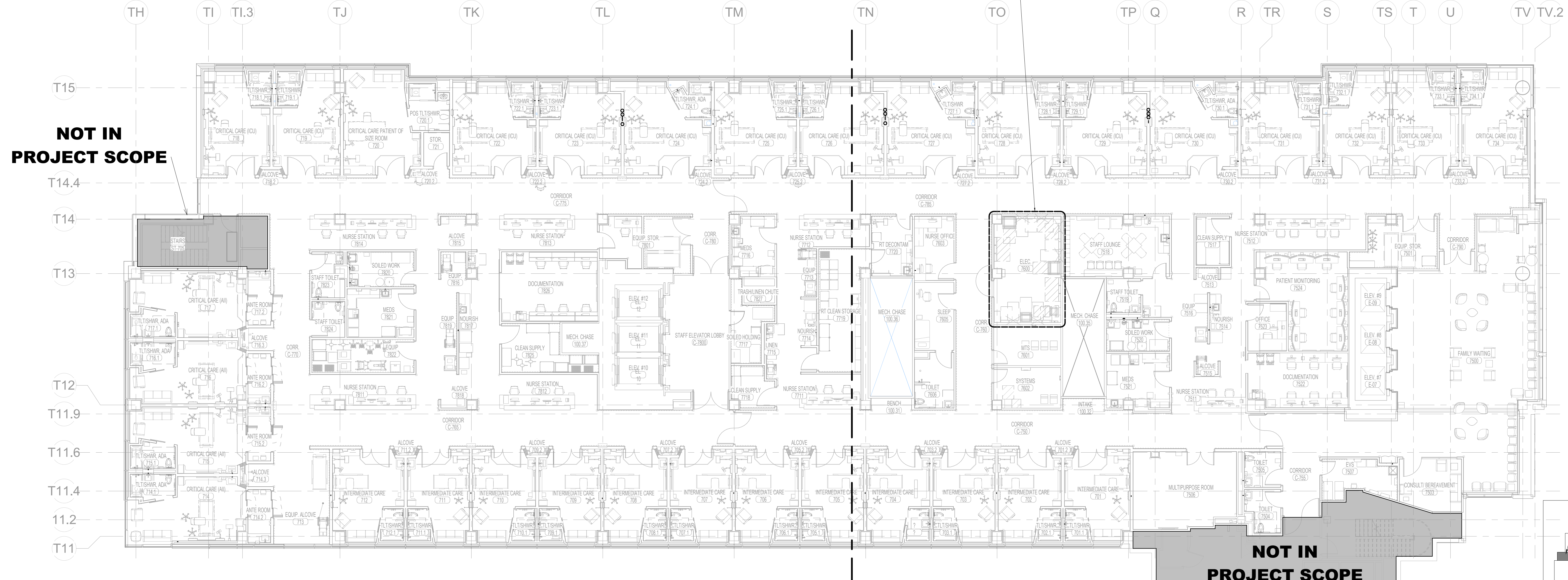
NOTE:
FIRE PROTECTION ENGINEER TO CONFIRM SYSTEM TYPES AND BOUNDARIES.

- FIRE PROTECTION NOTES**
1. PIPING TO BE BLACK IRON WITH SCREWED MALLEABLE IRON FITTINGS OR MECHANICAL GROOVE FITTINGS. SEE SPECIFICATIONS FOR DETAILS AND APPLICATIONS.
 2. PIPE HANGERS TO BE U.L. LISTED AND MOUNTED IN ACCORDANCE WITH NFPA-13.
 3. DO NOT OBSTRUCT SPRINKLERS WITH OTHER UTILITIES. SEE SPECIFICATIONS FOR SPRINKLER HEAD TYPES AND APPLICATIONS AND MEET FM GLOBAL REQUIREMENTS.
 4. FIRE SPRINKLER DESIGN IS THE RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR. FINAL DESIGN SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.
 5. COORDINATE PIPE ROUTING AND HEAD LOCATIONS WITH OTHER TRADES. PIPING AND HEADS NOT COORDINATED SHALL BE MOVED AT THE CONTRACTOR'S EXPENSE TO ACCOMPLISH CEILING HEIGHTS AS CALLED OUT ON THE ARCHITECT'S DRAWINGS.
 6. COORDINATE CLOSELY WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION AND PROVIDE BIM MODEL TO CONSTRUCTION MANAGER FOR COORDINATION AMONG DISCIPLINES IF APPLICABLE.
 7. HAZARD CLASSIFICATIONS SHALL BE DETERMINED BY THE FIRE PROTECTION ENGINEER OF RECORD OR FIRE PROTECTION CONTRACTOR.
 8. ALL HEADS SHALL BE CONCEALED TYPE HEADS FOR ANY SPACES WITH CEILINGS. ALL SPRINKLER HEADS SHALL BE LOCATED IN EXACT CENTER OF CEILING TILES OR AS DIMENSIONED IN HARD LID CEILINGS BY THE FIRE PROTECTION CONTRACTOR OR ENGINEER OF RECORD.



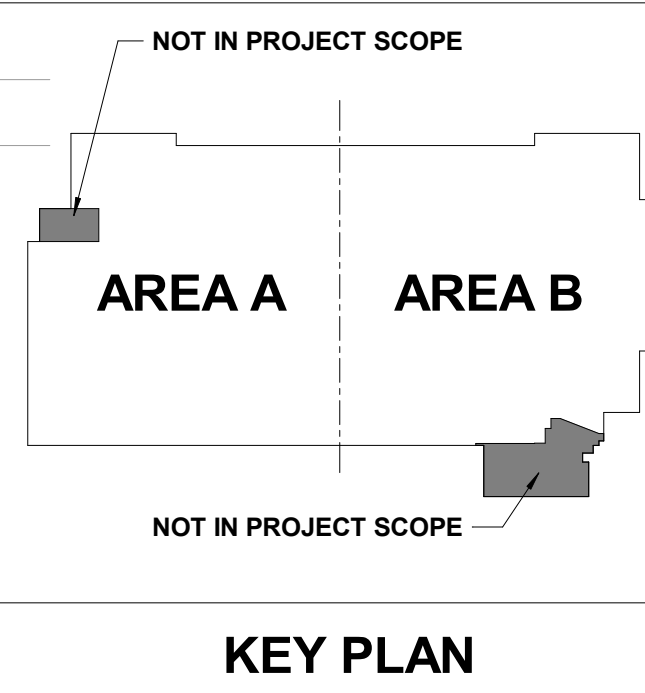
1 QUICK RESPONSE SPRINKLER HEAD DETAIL
NO SCALE

COORDINATE SPRINKLER PIPING LAYOUT AND HEAD LOCATION CLOSELY WITH NEW ELECTRICAL EQUIPMENT. EXISTING PIPING AND SPRINKLER HEADS IN THIS ROOM WILL NEED TO BE MODIFIED OR REMOVED TO ALLOW INSTALLATION OF NEW ELECTRICAL EQUIPMENT AND REQUIRED EQUIPMENT.

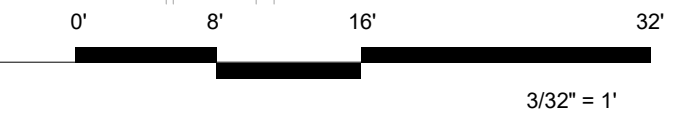


NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE



7TH FLOOR FIRE PROTECTION PLAN - OVERALL
3/32" = 1'-0"



No.	Date	Description

PROGRESS DRAWING
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NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

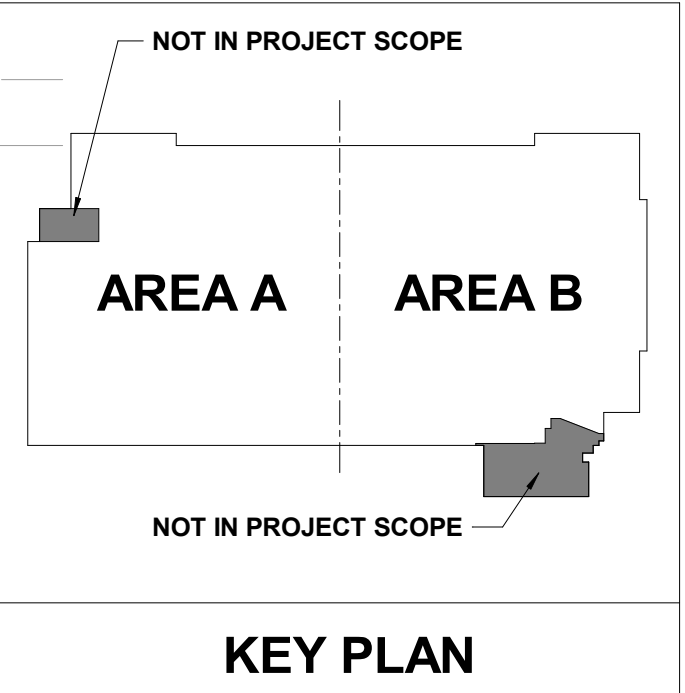
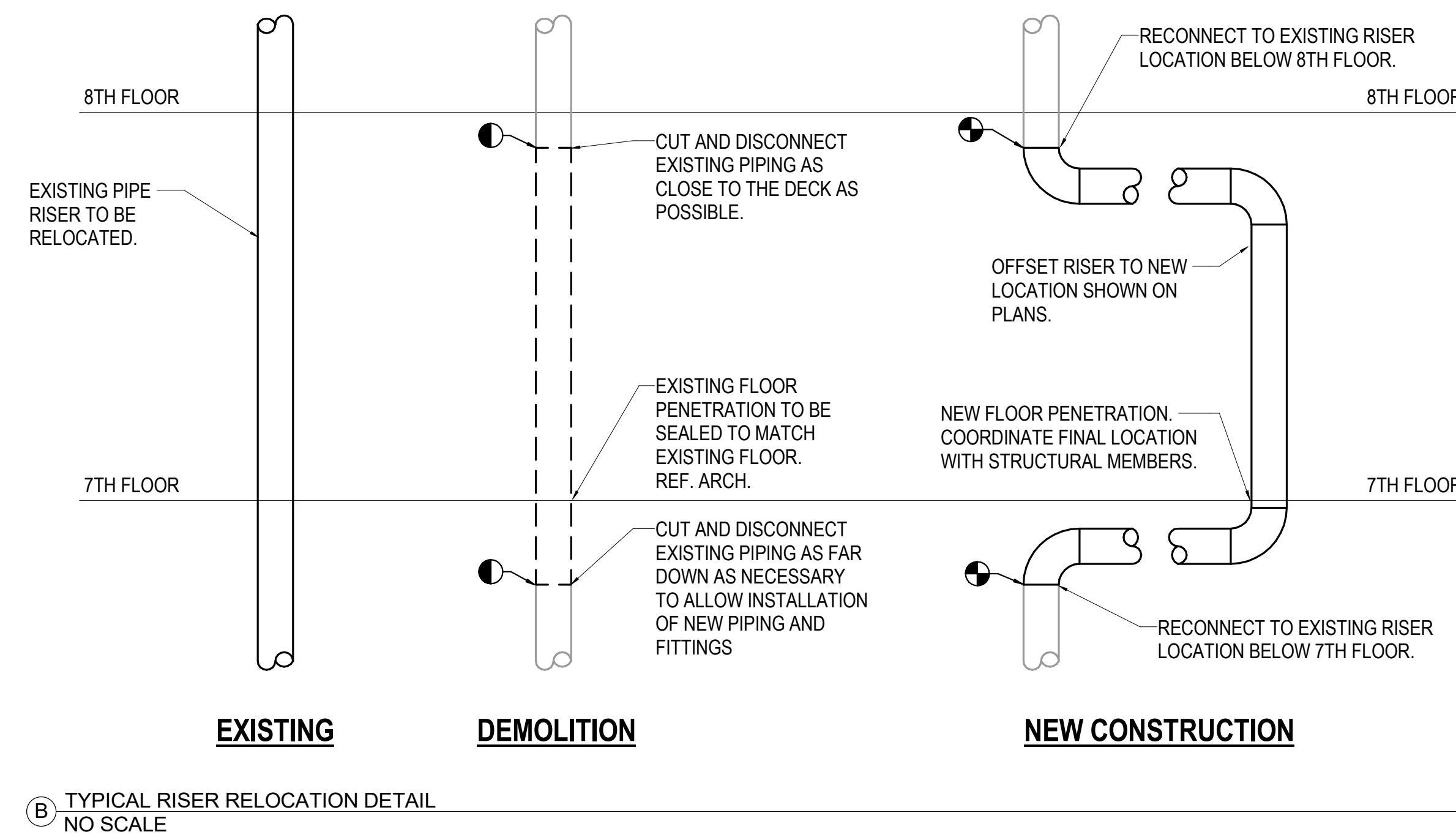
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR FIRE PROTECTION PLAN - OVERALL



7TH FLOOR
Sheet No. **F1.1**

PLUMBING DEMO NOTES

1. PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
2. CONTRACTOR SHALL CLEAN ALL EXISTING PLUMBING FIXTURES TO REMAIN OR BE REUSED IN AREA OF WORK TO LIKE-NEW CONDITION AND PROVIDE A LIST OF ANY DEFICIENCIES TO OWNER'S REPRESENTATIVE.
3. DEMOLISH ALL DUCTWORK, PIPING AND EQUIPMENT SHOWN SHADED AND DASHED IN A DARK LINE WEIGHT.



No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:20:30 PM
NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR PLUMBING DEMO PLAN - OVERALL



7TH FLOOR
Sheet No. **PD1.1**

1/7/2025 5:20:30 PM Autodesk Docs: \\H-AR-MRCY - Mercy Hospital NW Arkansas Projects\21079-000_MIECH_R23.rvt

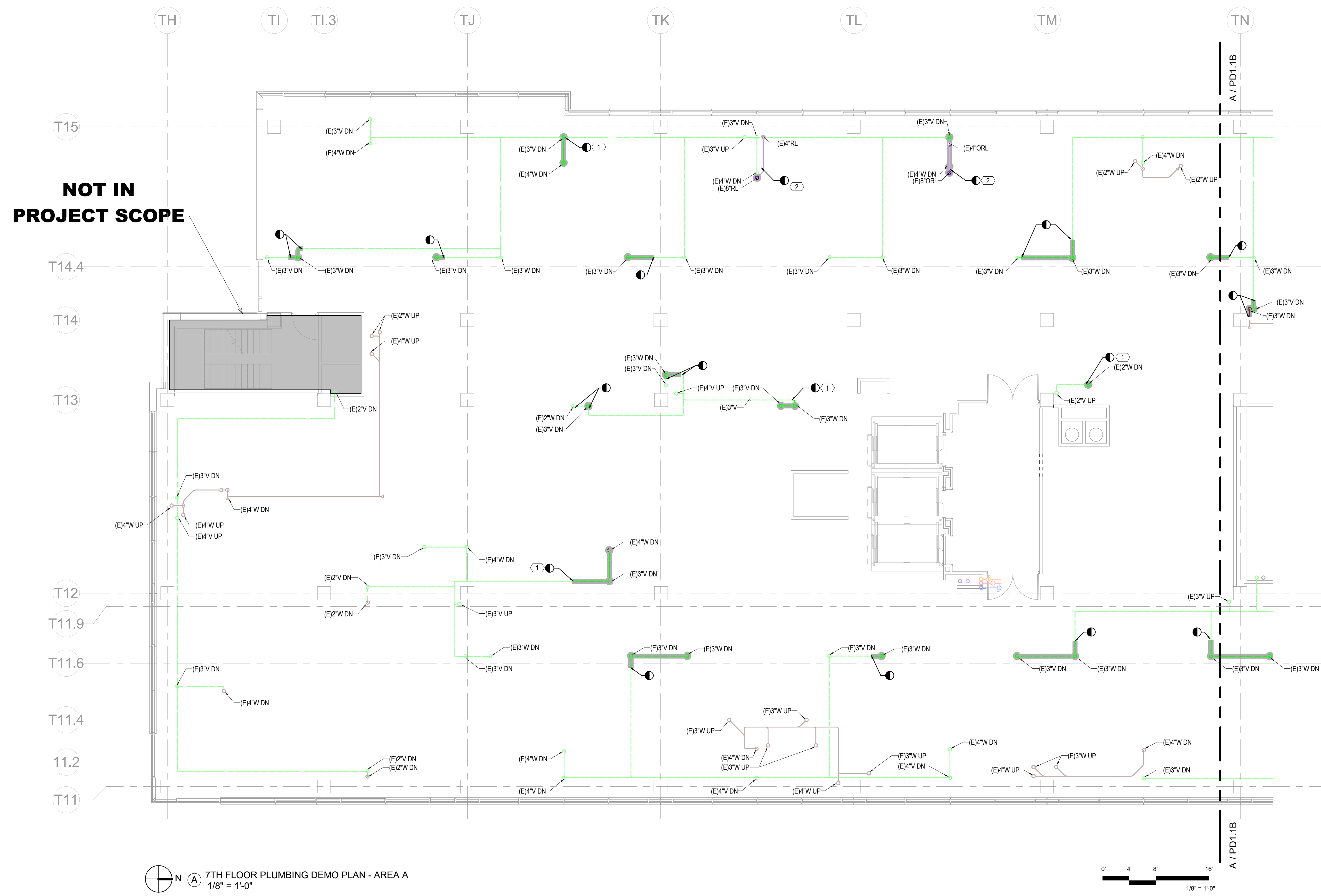
PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1224 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026

PLUMBING DEMO NOTES

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3. DEMOLISH ALL DUCTWORK, PIPING AND EQUIPMENT SHOWN SHADED AND DASHED IN A DARK LINE WEIGHT.

SHEET KEYNOTES

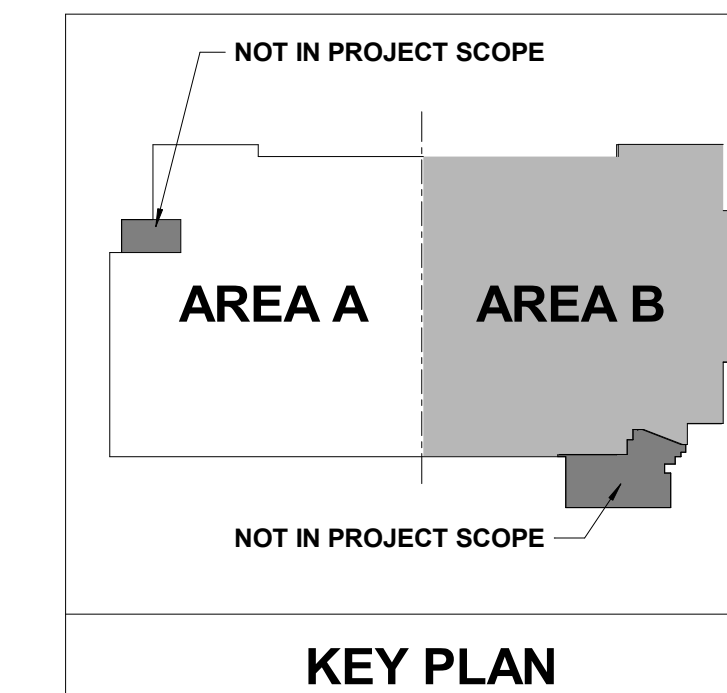
1. RELOCATE WASTE/VENT RISER TO WALL/CHASE NEARBY.
2. DEMO 8" RAINLEADER UP TO CEILING AND RELOCATE TO CHASE.



NOT IN PROJECT SCOPE

7TH FLOOR PLUMBING DEMO PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"



KEY PLAN

No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:20:42 PM
NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING DEMO PLAN - AREA A



7TH FLOOR
PD1.1A

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
624 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2026

PLUMBING DEMO NOTES

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- CONTRACTOR SHALL CLEAN ALL EXISTING PLUMBING FITTURES TO REMAIN OR BE REUSED IN AREA OF WORK TO LIKE-NEW CONDITION AND PROVIDE A LIST OF ANY DEFICIENCIES TO OWNER'S REPRESENTATIVE.
- DEMOLISH ALL DUCTWORK, PIPING AND EQUIPMENT SHOWN SHADED AND DASHED IN A DARK LINE WEIGHT.

SHEET KEYNOTES

- DEMO 8" RAINLEADER UP TO CEILING AND RELOCATE TO CHASE.

Architect Logos

No.	Date	Description

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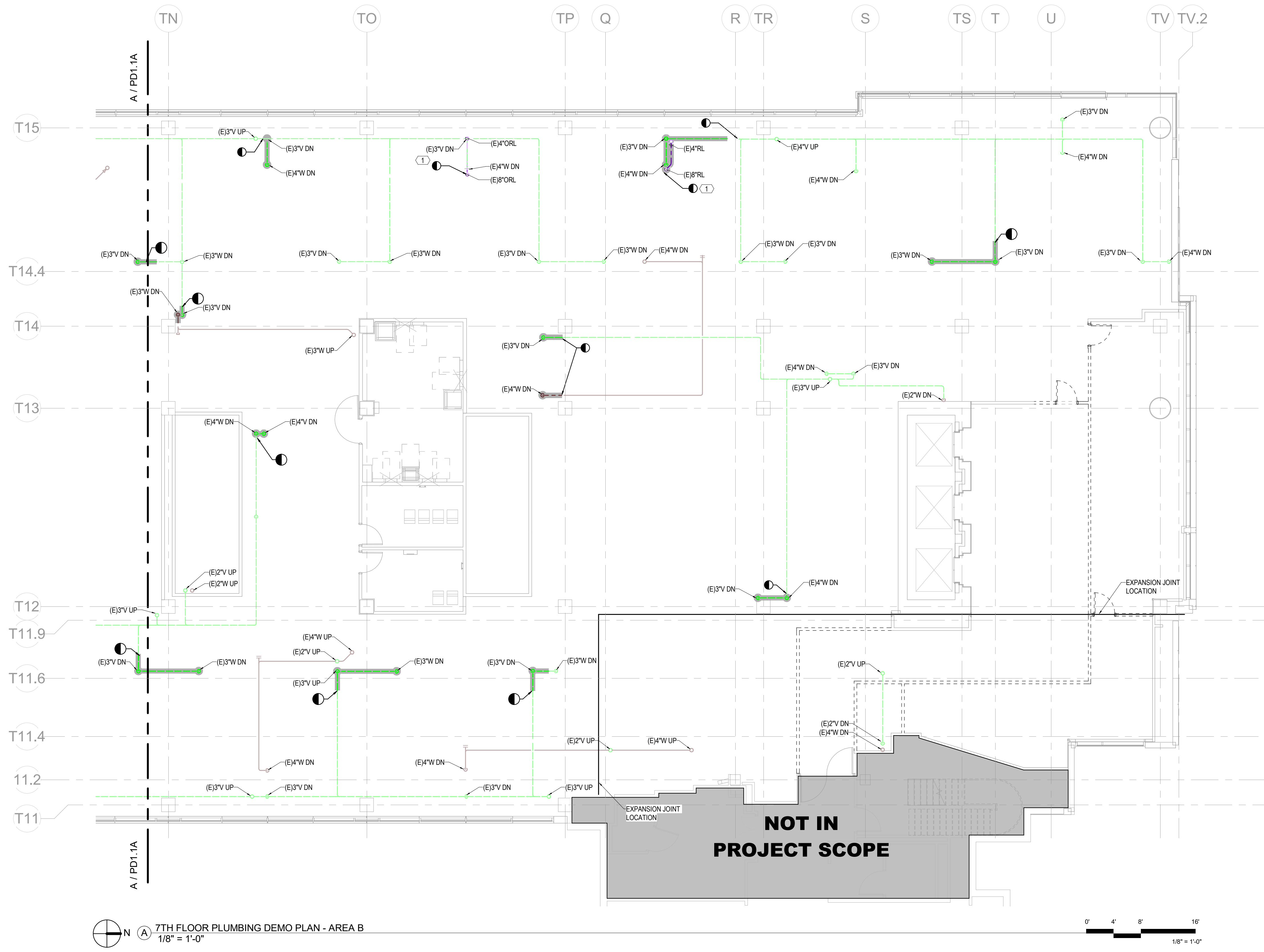
Sheet & Rev

Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

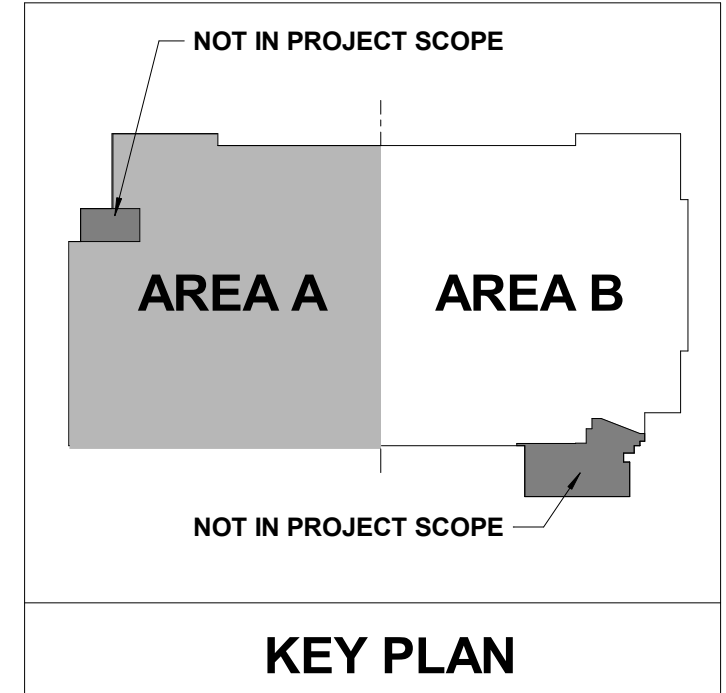
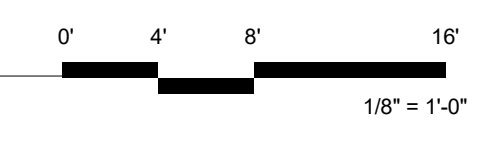
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR PLUMBING DEMO PLAN - AREA B



Floor No: 7TH FLOOR
Sheet No: **PD1.1B**



7TH FLOOR PLUMBING DEMO PLAN - AREA B
1/8" = 1'-0"



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918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 PEELS EXPIRES DECEMBER 31, 2026



PLUMBING GENERAL NOTES

1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR WALLS OR PRE-CAST WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
4. AVOID ROUTING OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
5. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS.
6. ACCESS PANELS SHALL BE 24x24, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND EQUIPMENT LOCATIONS. PROVIDE RATED ACCESS PANELS WHEREVER REQUIRED BY APPLICABLE CODES.
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10. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

SHEET KEYNOTES

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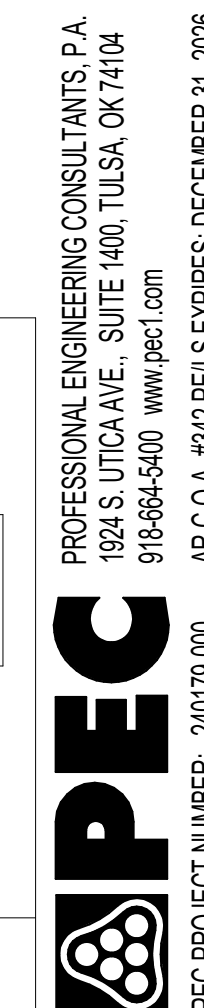
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Date: 01/07/2025
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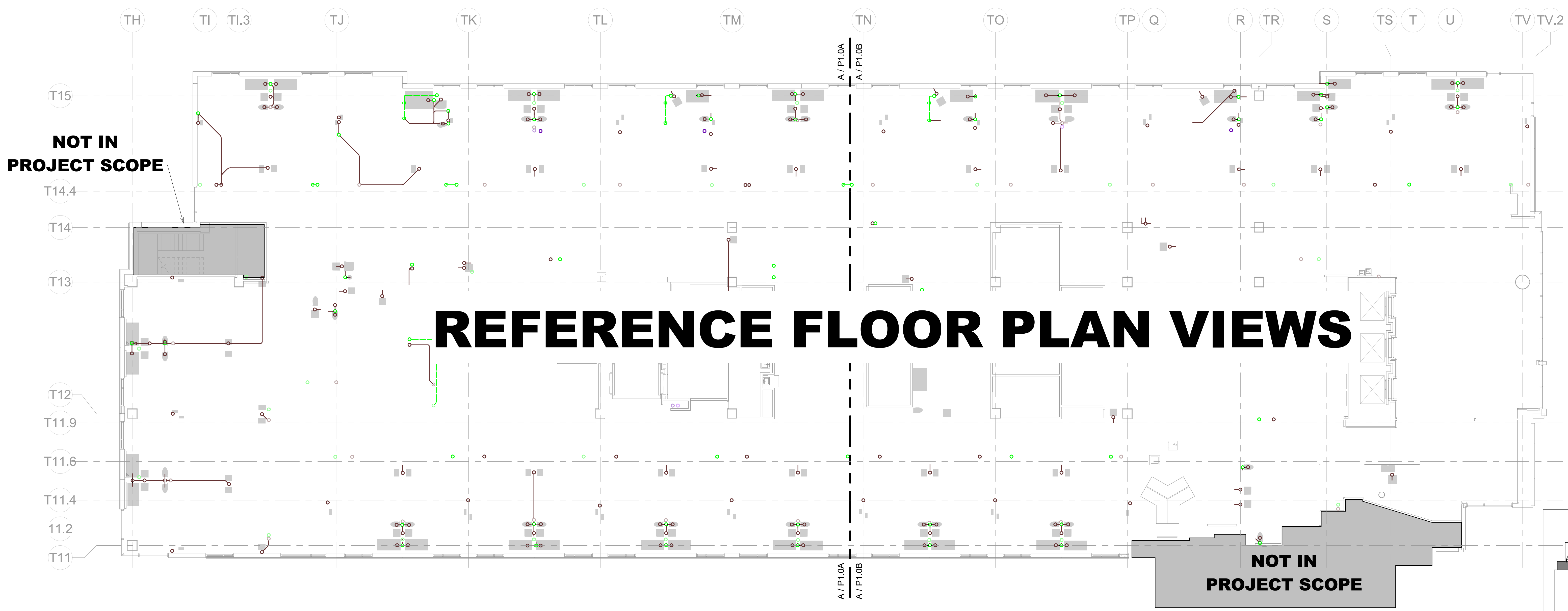
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
6TH FLOOR PLUMBING PLAN - OVERALL - W&V



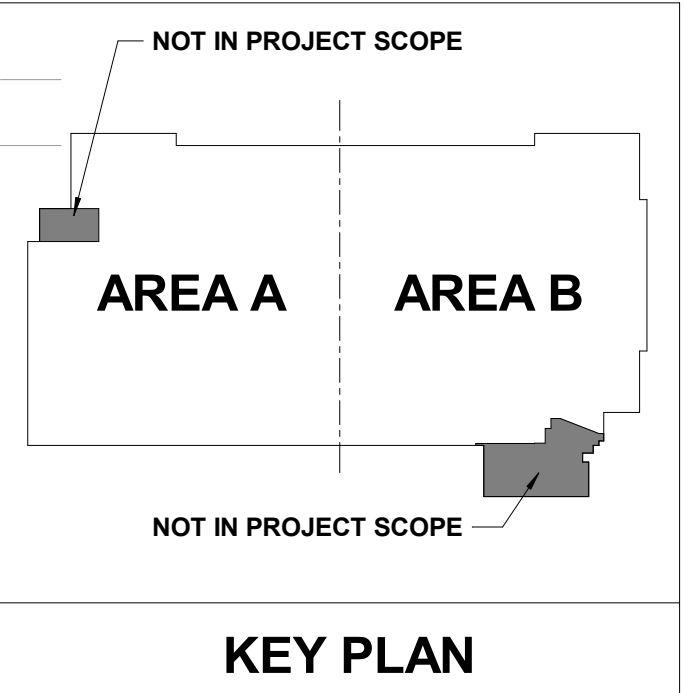
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Sheet No.: **P1.0**



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918-688-5400 www.pep.com
PEC PROJECT NUMBER: 240179J00 AR.C.O.A. #542.PELIS EXPIRES, DECEMBER 31, 2026



REFERENCE FLOOR PLAN VIEWS



6TH FLOOR PLUMBING PLAN - OVERALL - DRAIN, WASTE, & VENT
3/32" = 1'-0"



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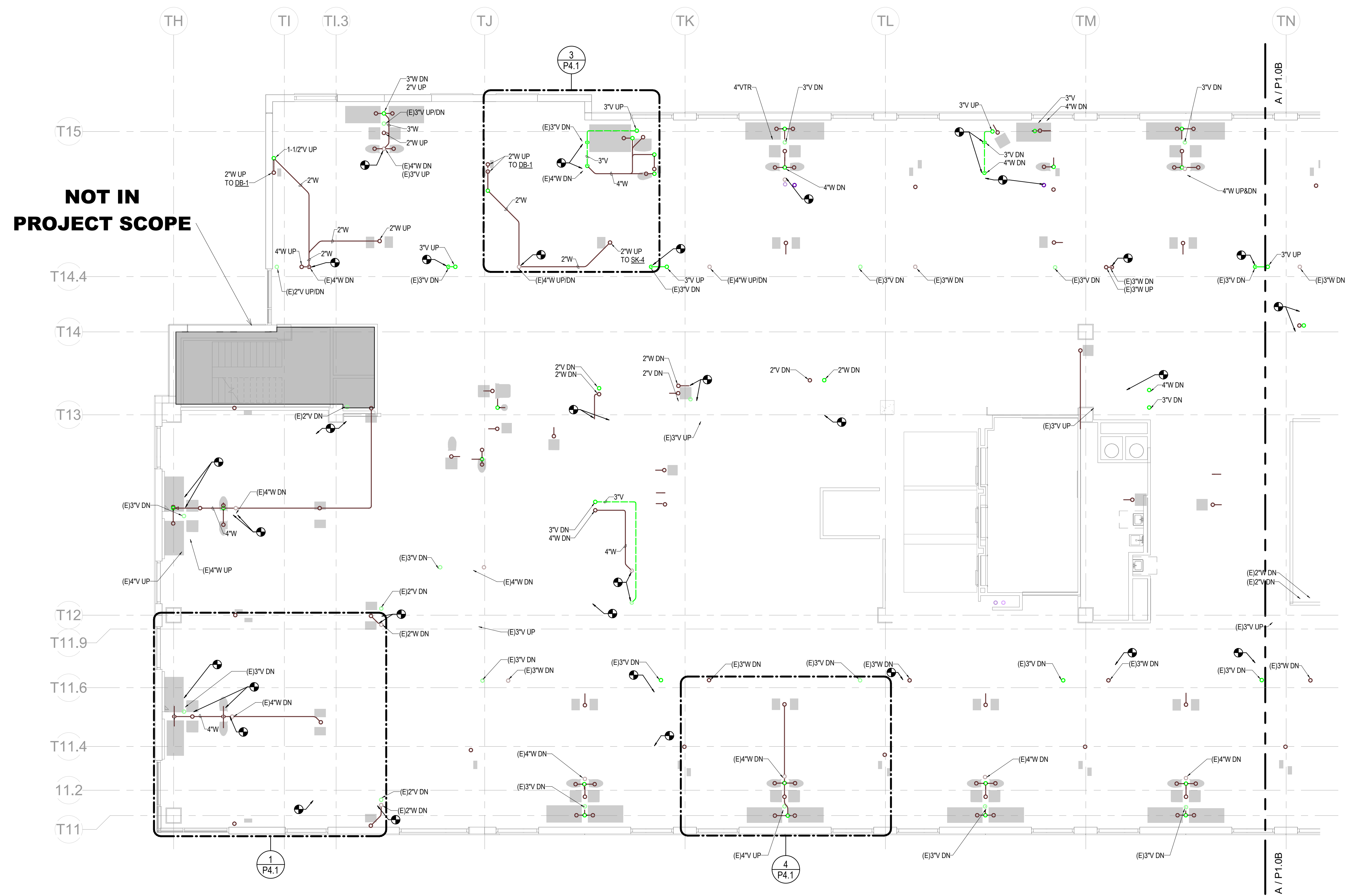
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 6TH FLOOR PLUMBING PLAN - AREA A - W&V



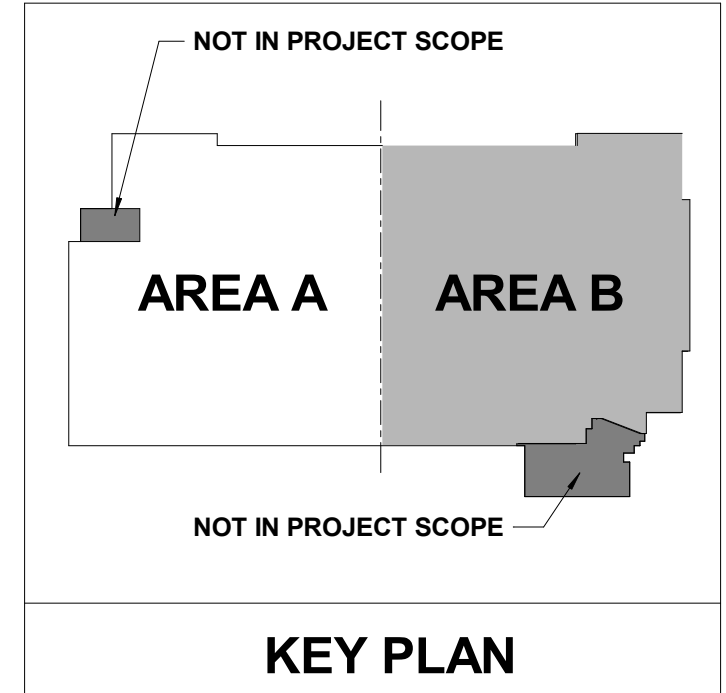
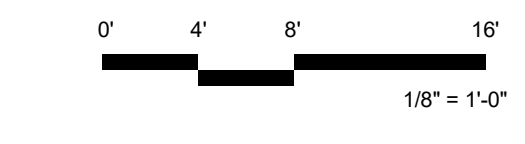
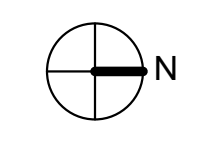
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Sheet No.: **P1.0A**

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PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2026



NOT IN PROJECT SCOPE

6TH FLOOR PLUMBING PLAN - AREA A - DRAIN, WASTE, & VENT
1/8" = 1'-0"



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SHEET KEYNOTES

- CONNECT TO VENT/WASTE BELOW FLOOR. ROUTE NEW RISER WITH WALL CHASE AND CONNECT TO EXISTING IN PLENUM SPACE.

No.	Date	Description

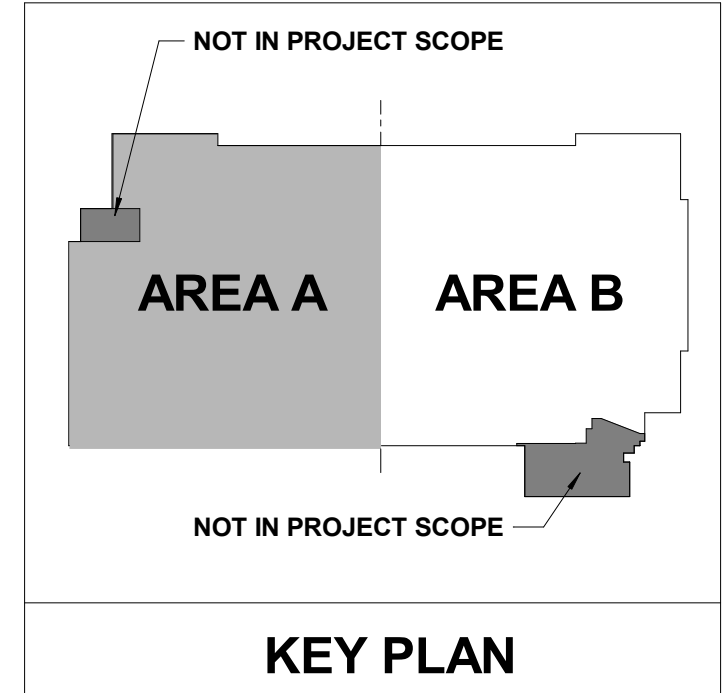
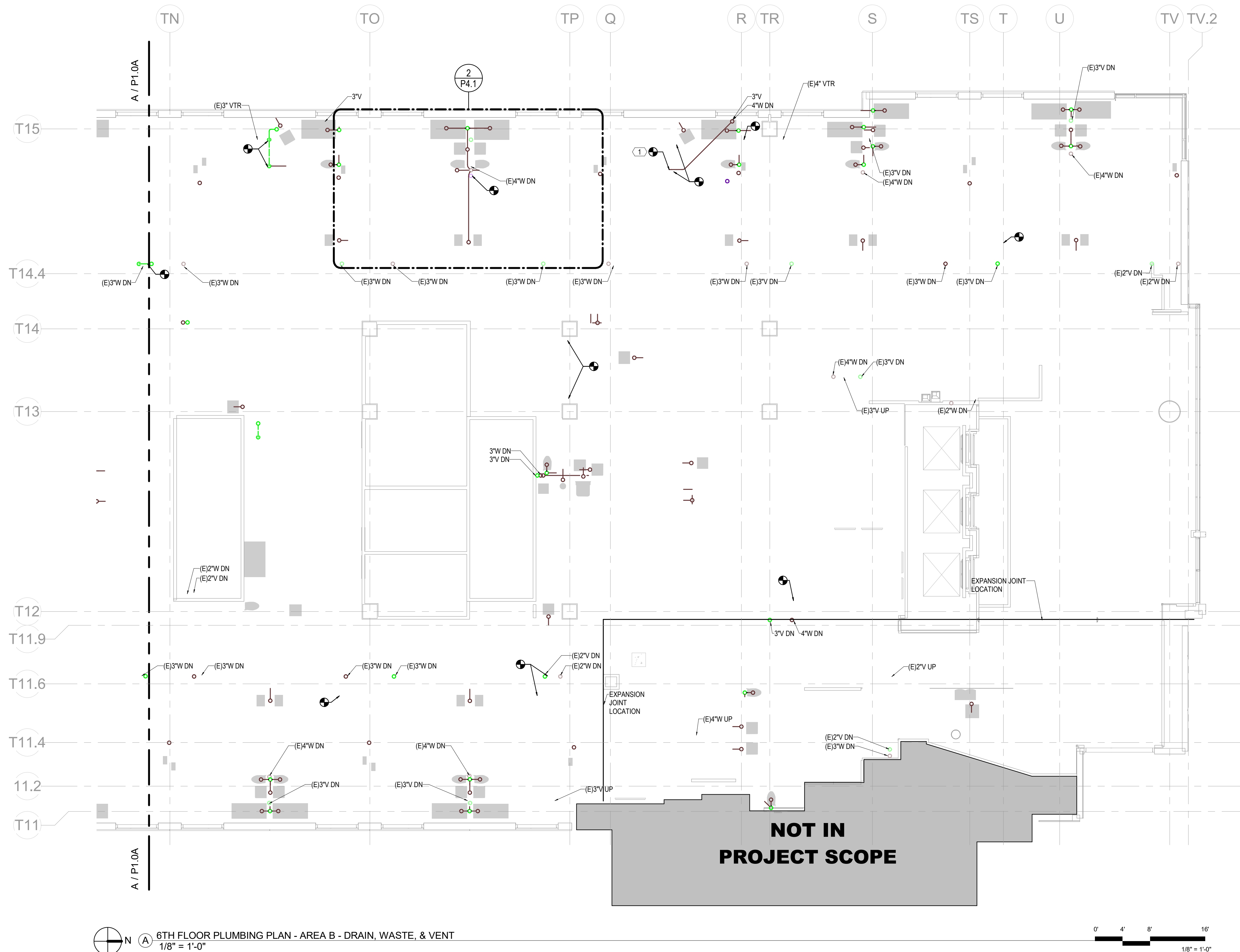
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Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 6TH FLOOR PLUMBING PLAN - AREA B - W&V



6TH FLOOR
Sheet No.: **P1.0B**



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1524 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-668-5400 www.pec.com
PEC PROJECT NUMBER: 240179400 AR C.O.A.#542 PEELS EXPIRES: DECEMBER 31, 2026

PLUMBING GENERAL NOTES

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SHEET KEYNOTES

No.	Date	Description

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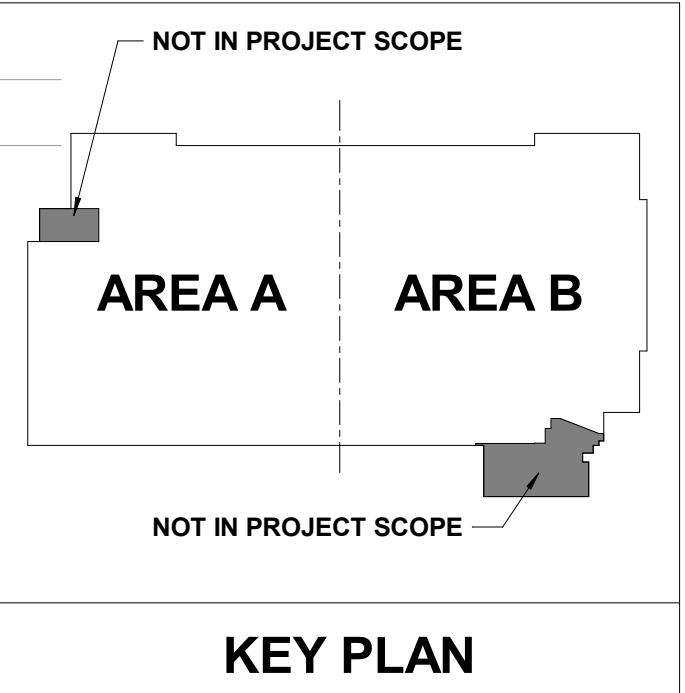
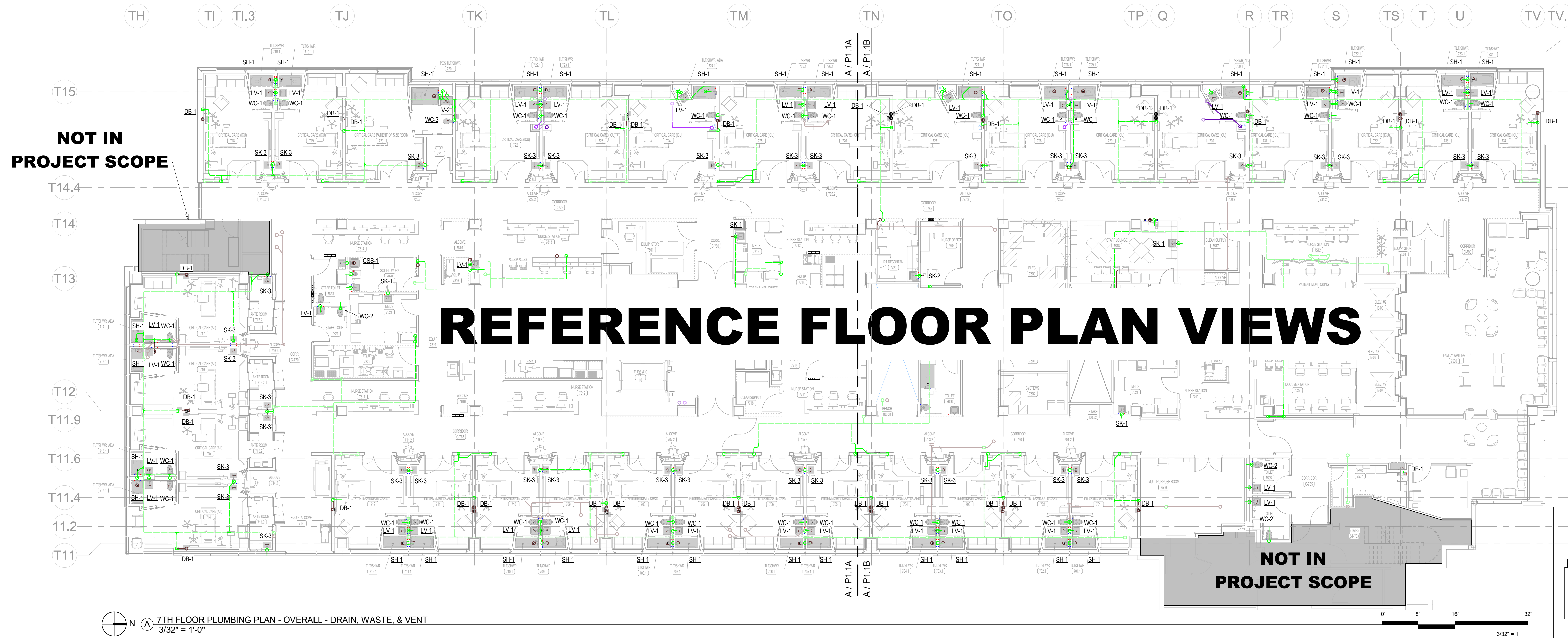
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING PLAN - OVERALL - W&V

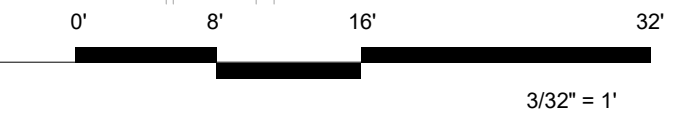


Floor No.: 7TH FLOOR
Sheet No.: **P1.1**

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7TH FLOOR PLUMBING PLAN - OVERALL - DRAIN, WASTE, & VENT
3/32" = 1'-0"



PLUMBING GENERAL NOTES

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SHEET KEYNOTES

1. VENT PIPING DRAWN OFFSET TO SHOW PIPE SIZES. INSTALL INSIDE WALLCHASE.
2. CONNECT TO VENT/WASTE BELOW FLOOR. ROUTE NEW RISER WITHIN WALLCHASE AND CONNECT TO EXISTING IN PLENUM SPACE.
3. RELOCATED 8" OVERFLOW RAINLEADER TO CHASE. RECONNECT TO EXISTING 4" RAINLEADER IN PLENUM SPACE.
4. CONNECT TO WASTE/VENT IN PLENUM SPACE AND ROUTE TO CHASE/WALL.
5. REFER TO ARCHITECTURAL HEADWALL ELEVATIONS FOR LOCATION AND HEIGHT OF DIALYSIS BOX.

No.	Date	Description

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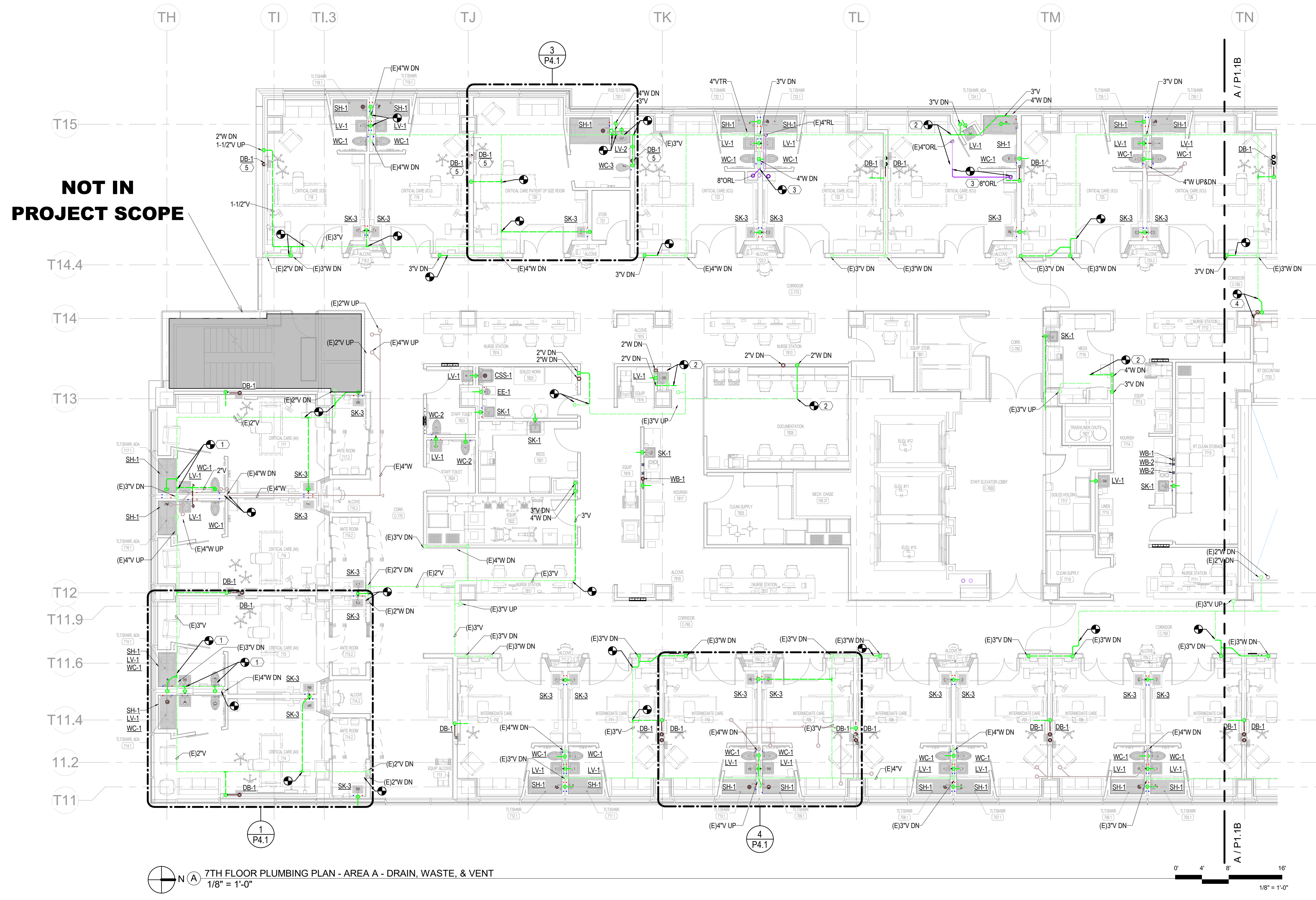
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING PLAN - AREA A - W&V



7TH FLOOR
P1.1A

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918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR.C.O.A. #542.PELLS EXPIRES: DECEMBER 31, 2026



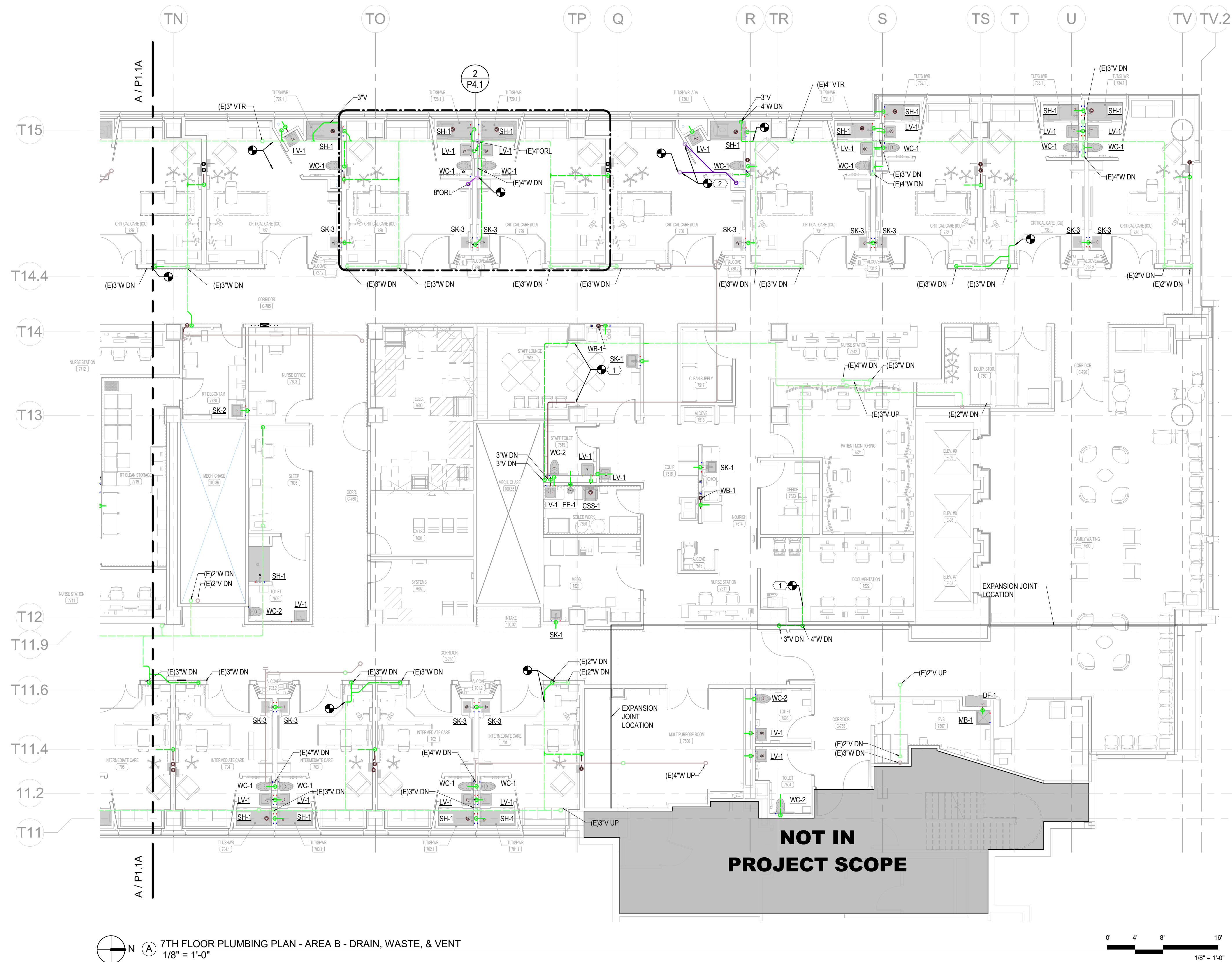
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PLUMBING GENERAL NOTES

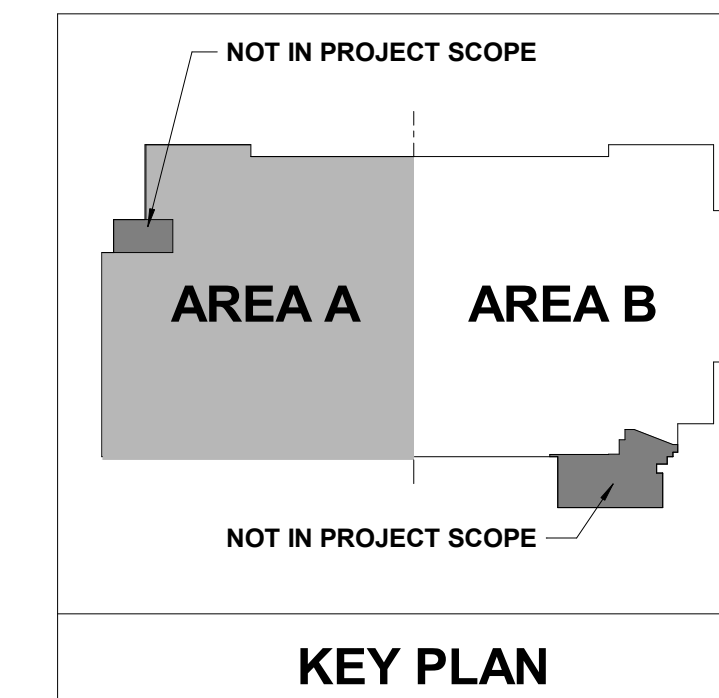
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7TH FLOOR PLUMBING PLAN - AREA B - DRAIN, WASTE, & VENT
1/8" = 1'-0"



PROGRESS DRAWING
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Project No.: 2040-821203
Date: 01/07/2025
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING PLAN - AREA B - W&V

7TH FLOOR
Sheet No. **P1.1B**

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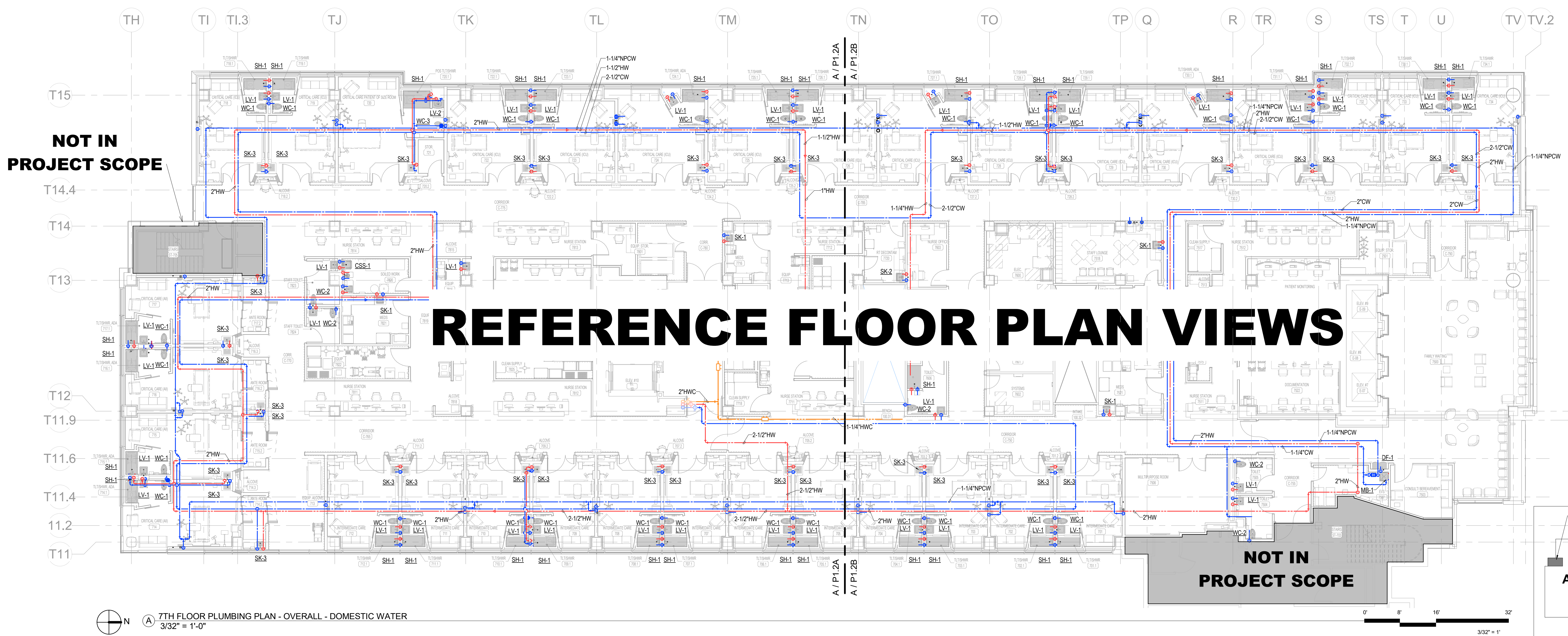
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING PLAN - OVERALL - DOM. WATER

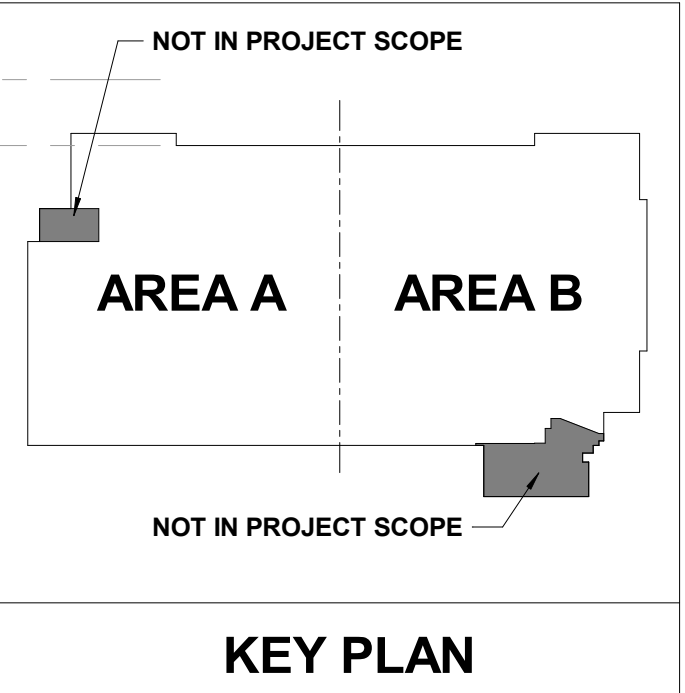
Mercy

7TH FLOOR
P1.2



NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE



7TH FLOOR PLUMBING PLAN - OVERALL - DOMESTIC WATER
3/32" = 1'-0"



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6. ACCESS PANELS SHALL BE 24x24, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND EQUIPMENT LOCATIONS. PROVIDE RATED ACCESS PANELS WHEREVER REQUIRED BY APPLICABLE CODES.
7. REFERENCE CEILING SPACE ALLOCATION DETAIL FOR INSTALLATION HEIGHTS OF PLUMBING PIPING. OFFSET AS NECESSARY TO AVOID OBSTRUCTIONS. PIPING REQUIRED TO BE SLOPED SHALL TAKE PRECEDENCE.
8. PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
9. TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IFC.
10. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

SHEET KEYNOTES

Architect: Leggs

No.	Date	Description

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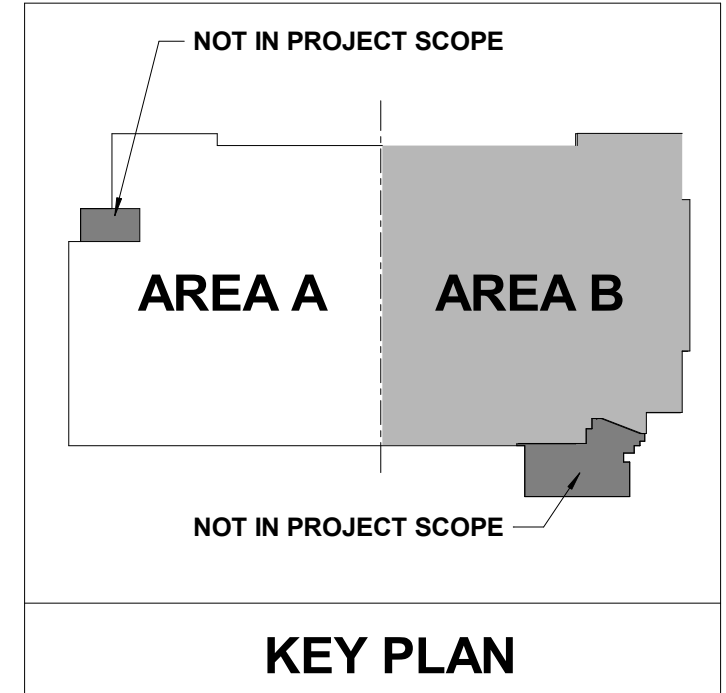
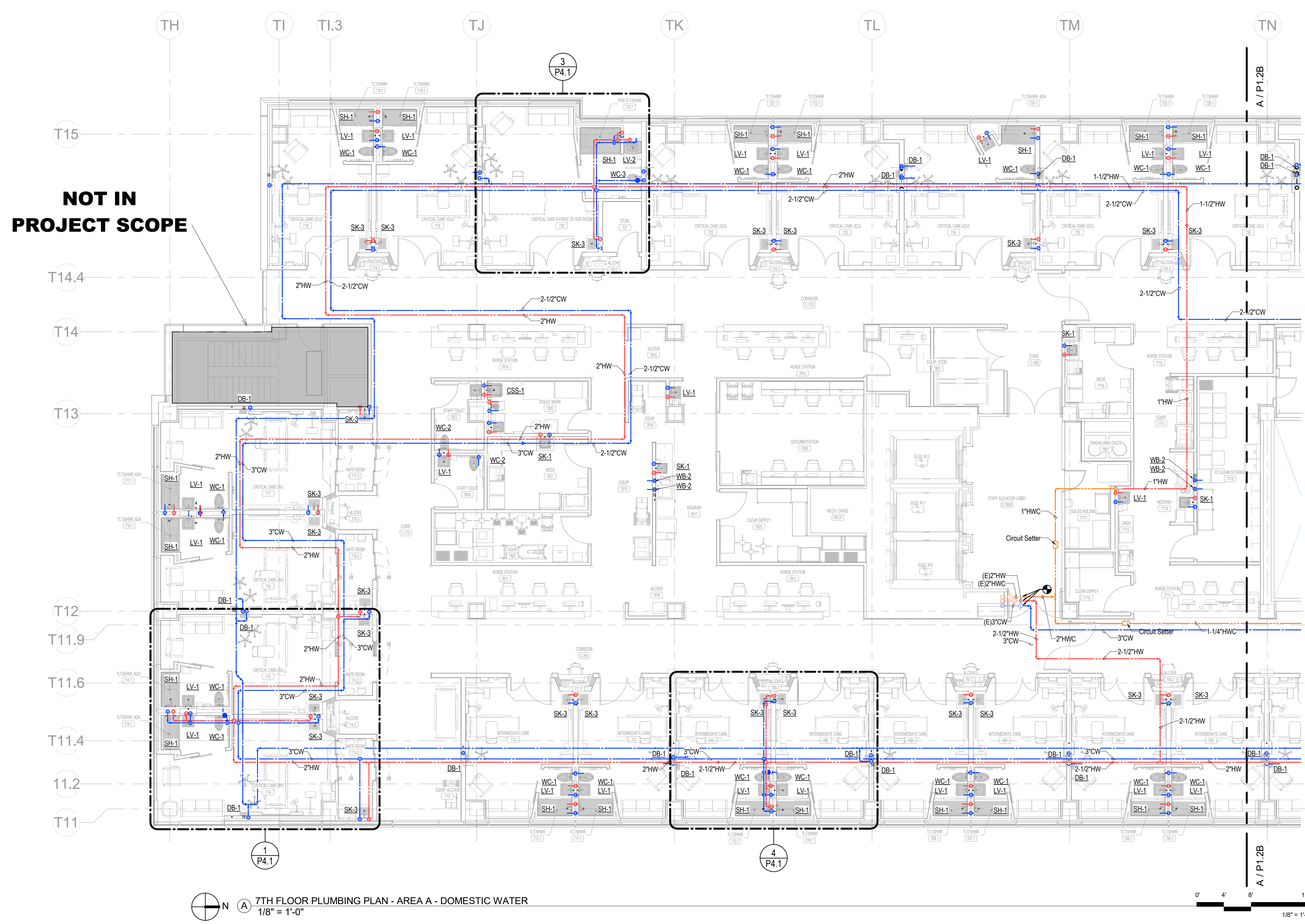
Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR PLUMBING PLAN - AREA A - DOM. WATER

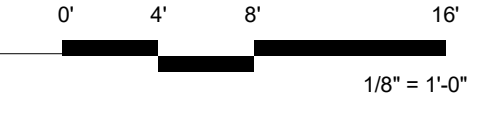


Floor No.: 7TH FLOOR
Sheet No.: **P1.2A**

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7TH FLOOR PLUMBING PLAN - AREA A - DOMESTIC WATER
1/8" = 1'-0"



PLUMBING GENERAL NOTES

1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR WALLS OR PRE-CAST WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
4. AVOID ROUTING OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS; MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
5. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS.
6. ACCESS PANELS SHALL BE 24x24, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND EQUIPMENT LOCATIONS. PROVIDE RATED ACCESS PANELS WHEREVER REQUIRED BY APPLICABLE CODES.
7. REFERENCE CEILING SPACE ALLOCATION DETAIL FOR INSTALLATION HEIGHTS OF PLUMBING PIPING. OFFSET AS NECESSARY TO AVOID OBSTRUCTIONS. PIPING REQUIRED TO BE SLOPED SHALL TAKE PRECEDENCE.
8. PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
9. TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IPC.
10. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

SHEET KEYNOTES

No.	Date	Description

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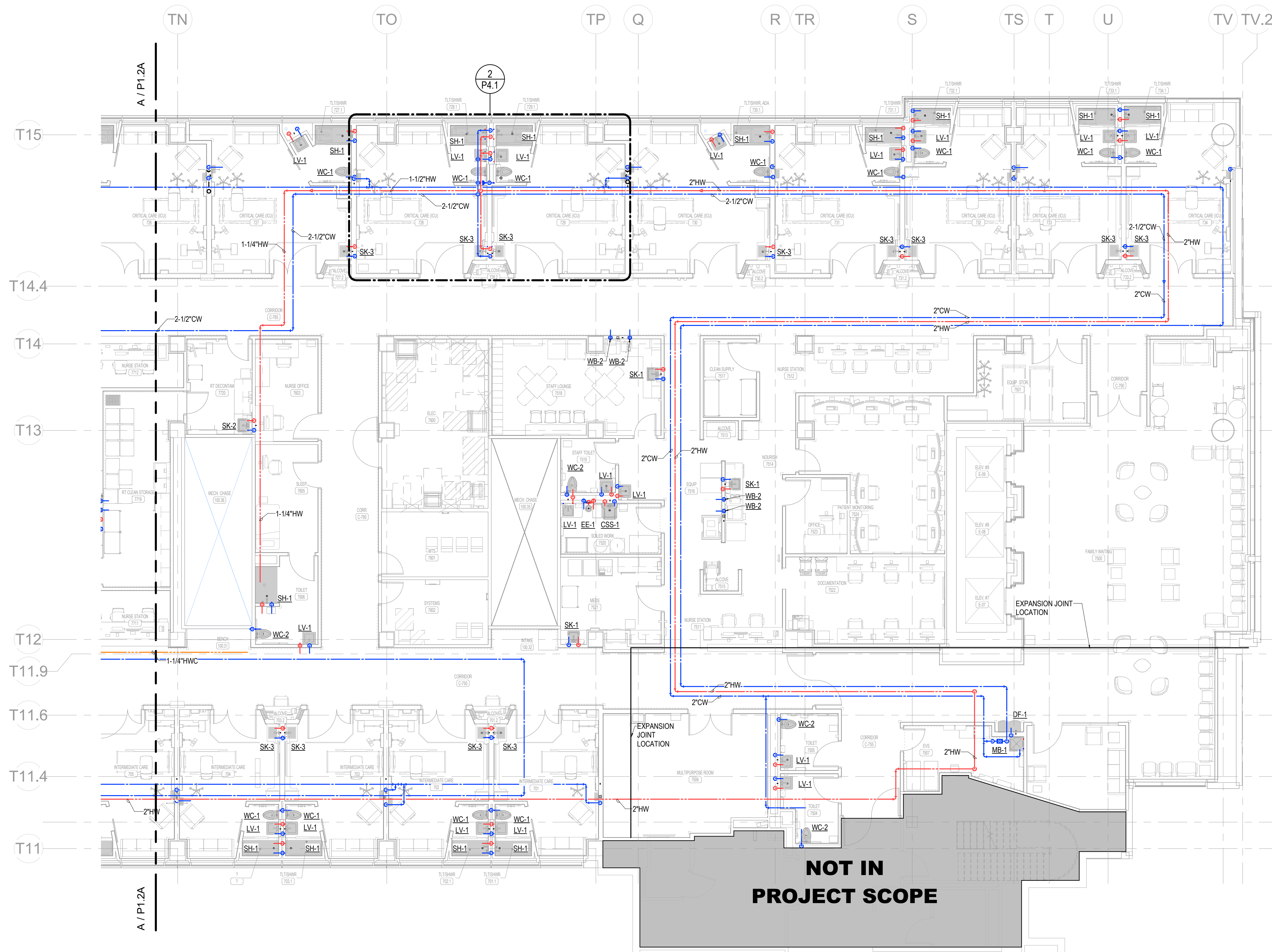
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Date: 01/07/2025
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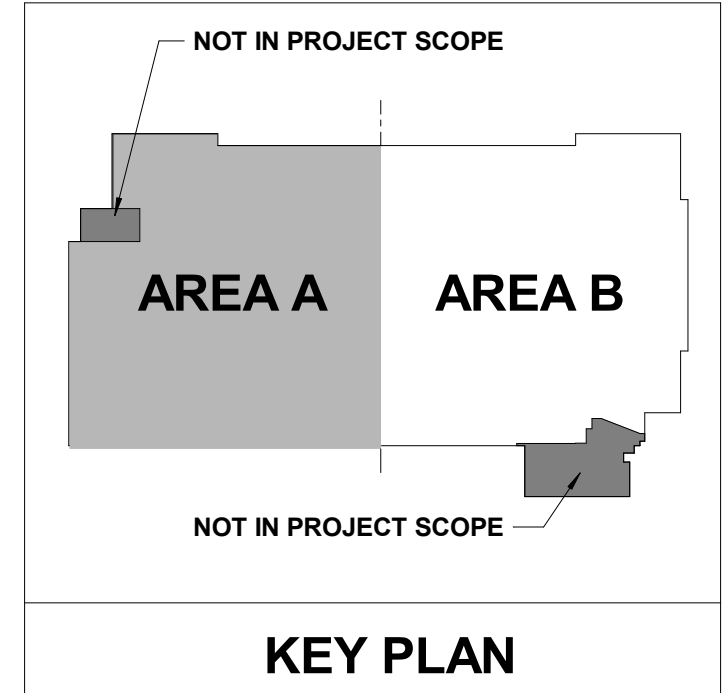
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: **7TH FLOOR PLUMBING PLAN - AREA B - DOM. WATER**



Floor No.: **7TH FLOOR**
Sheet No.: **P1.2B**



7TH FLOOR PLUMBING PLAN - AREA B - DOMESTIC WATER
1/8" = 1'-0"



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PEC PROJECT NUMBER: 240179400 AR C.O.A.#542 P.E.L.S EXPIRES: DECEMBER 31, 2025

MED GAS GENERAL NOTES

1. PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.
2. ALL CUTTING, PATCHING, AND DEMOLITION WORK SHALL BE CLOSELY COORDINATED WITH THE EXISTING CONDITIONS AND THE REQUIRED NEW WORK. G.C. SHALL PATCH AND FINISH PENETRATIONS OF EXISTING SURFACES TO MATCH ADJACENT SURFACES.
3. FIELD VERIFY BEST ROUTING FOR NEW PIPING AND DUCTWORK. COORDINATE WITH EXISTING EQUIPMENT, PIPING, AND DUCTWORK. PIPING SHALL RISE AND DROP, JOG OR OFFSET AS REQUIRED TO AVOID CONFLICTS. DUCTWORK SHALL TAKE PRECEDENCE OVER ALL PIPING, EXCEPT WHERE GRADE MUST BE MAINTAINED FOR DRAINAGE. ANY EXPENSES ARISING FROM LACK OF COORDINATION SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.

Architect's Logo

No.	Date	Description

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NOT FOR CONSTRUCTION

Sheet No.

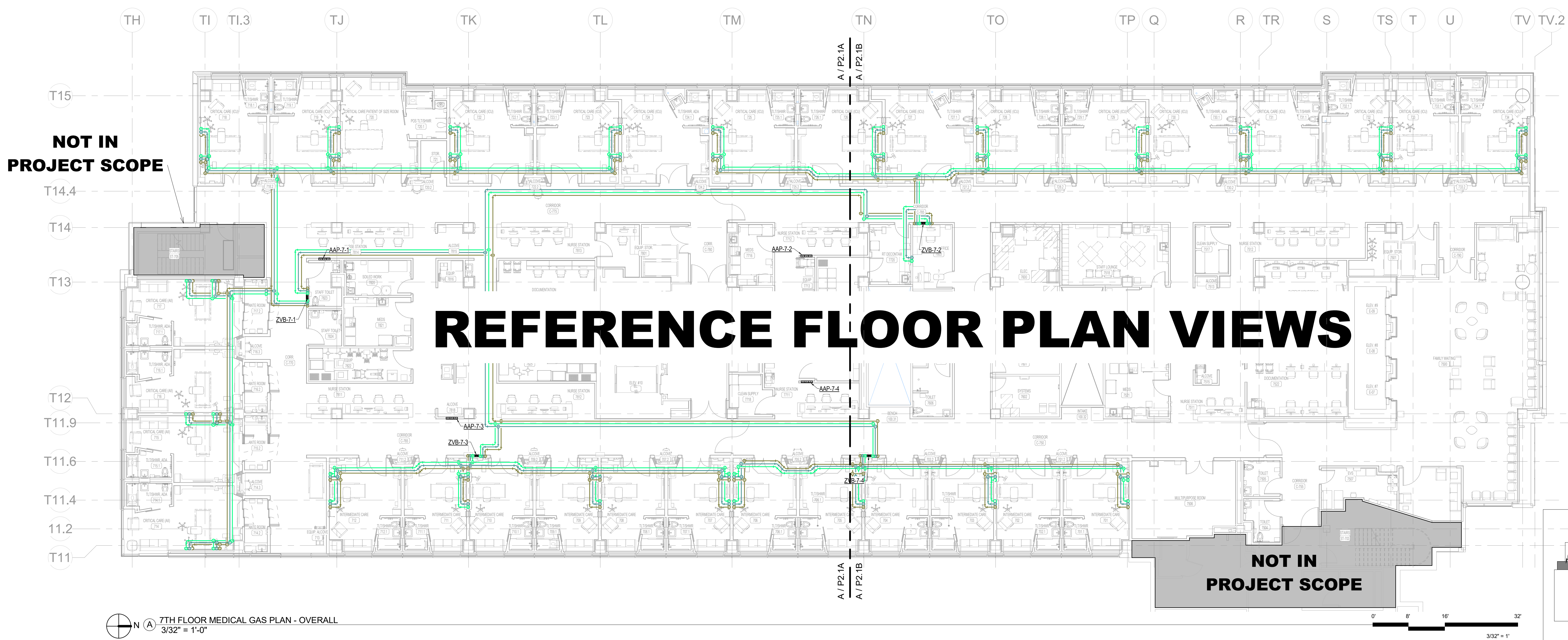
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MEDICAL GAS PLAN - OVERALL



Floor No.: 7TH FLOOR
Sheet No.: **P2.1**

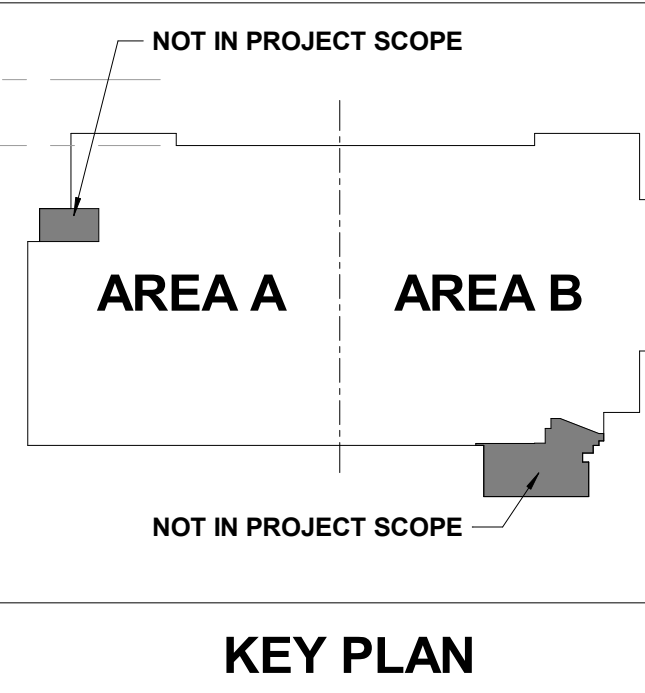
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REFERENCE FLOOR PLAN VIEWS

NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE



7TH FLOOR MEDICAL GAS PLAN - OVERALL
3/32" = 1'-0"



MED GAS GENERAL NOTES

1. PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.
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SHEET KEYNOTES

- 1 REFER TO ARCHITECTURAL ELEVATIONS OF THE HEADWALL FOR LOCATIONS AND HEIGHTS OF MEDICAL GAS OUTLETS.

Architect's Logo

No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:25:55 PM
NOT FOR CONSTRUCTION

Step & Rev:

Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

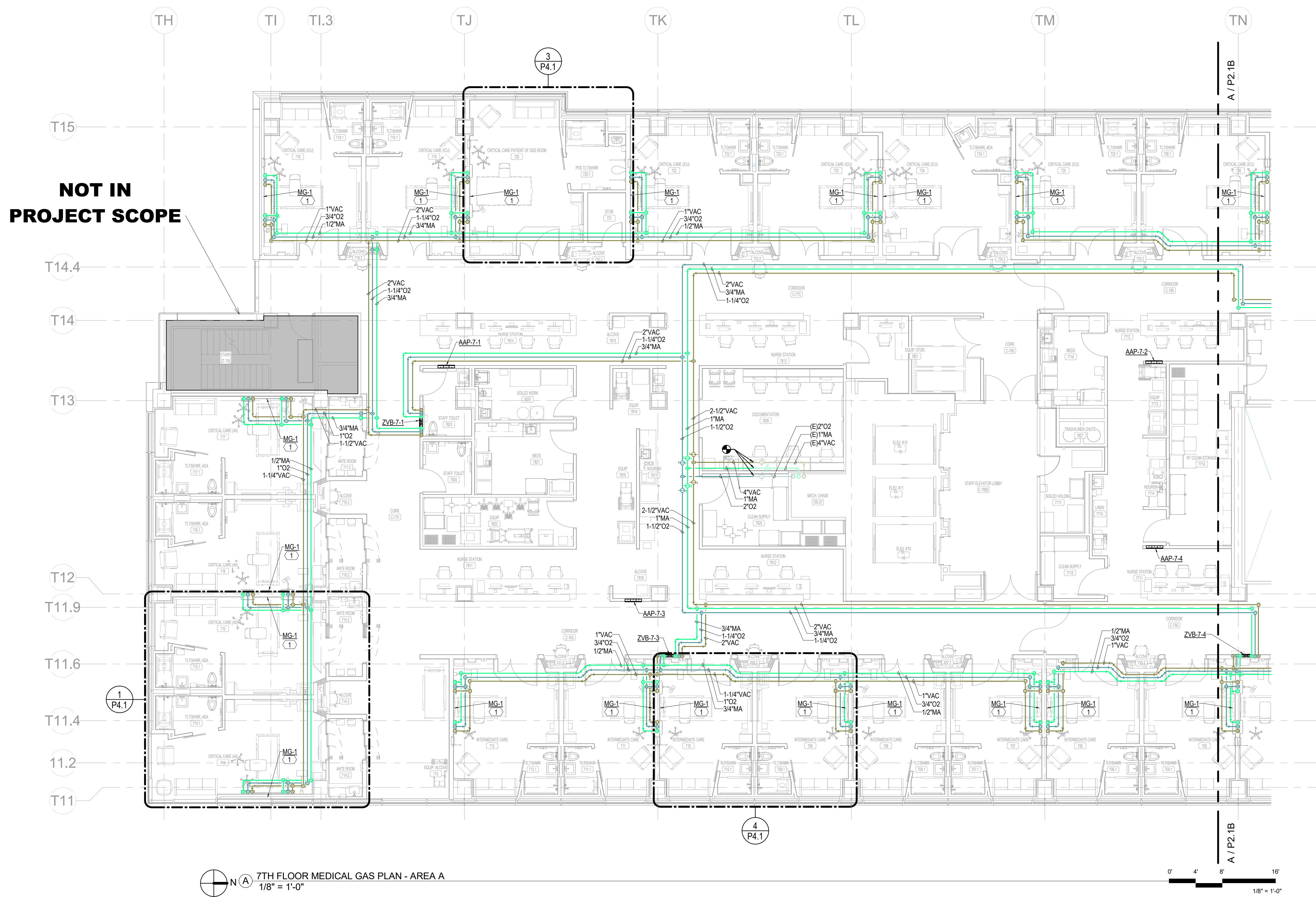
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: **7TH FLOOR MEDICAL GAS PLAN - AREA A**



Floor No: **7TH FLOOR**
Sheet No: **P2.1A**



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918-688-5400 www.pecc.com
PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2025

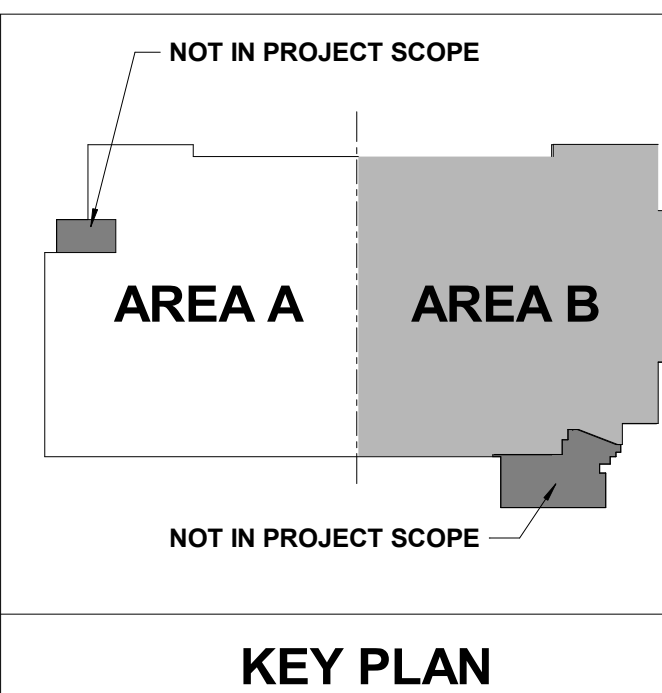


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NOT IN PROJECT SCOPE

7TH FLOOR MEDICAL GAS PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"



MED GAS GENERAL NOTES

1. PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.
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SHEET KEYNOTES

- 1 REFER TO ARCHITECTURAL ELEVATIONS OF THE HEADWALL FOR LOCATIONS AND HEIGHTS OF MEDICAL GAS OUTLETS.

Architect's Logo

No.	Date	Description

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Sheet Name

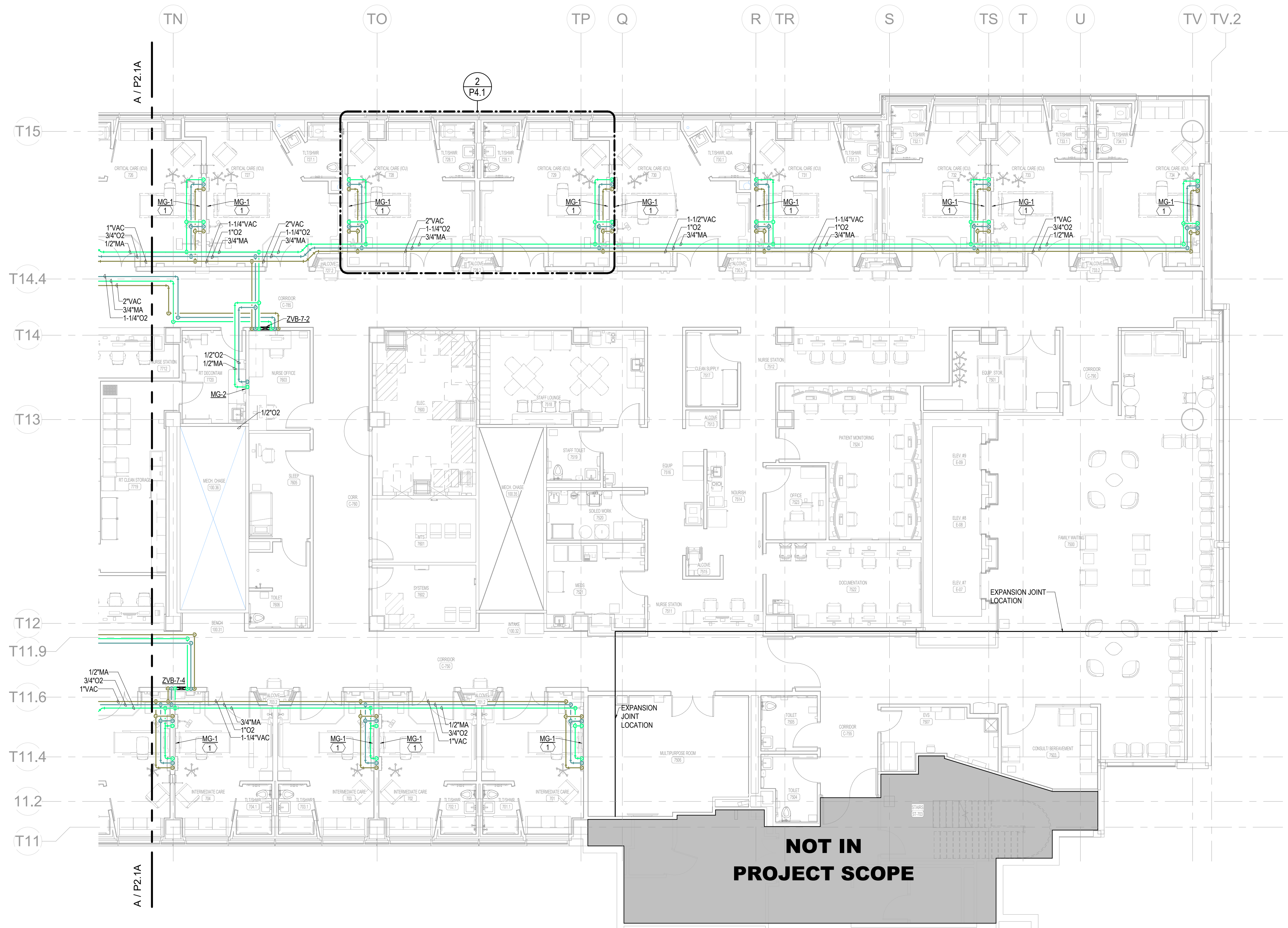
Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MEDICAL GAS PLAN - AREA B

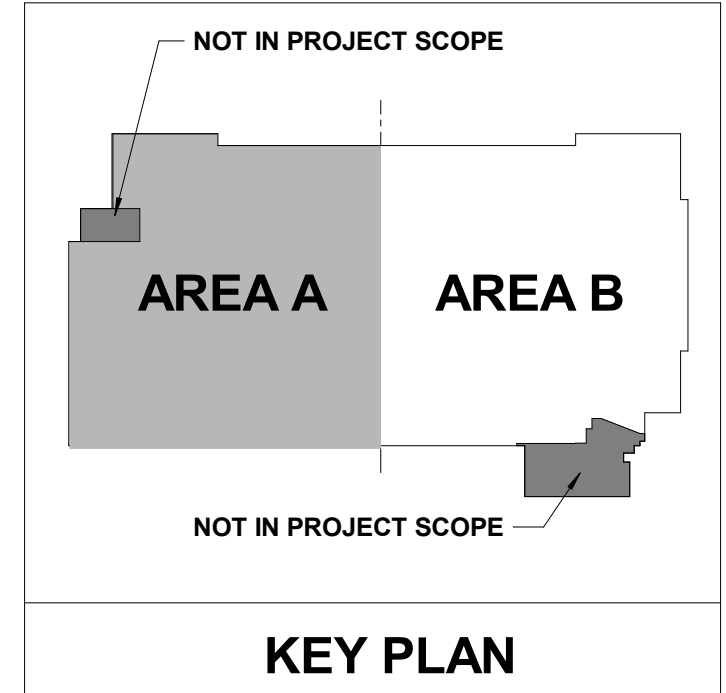
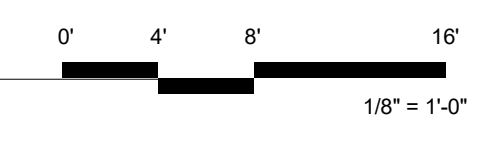


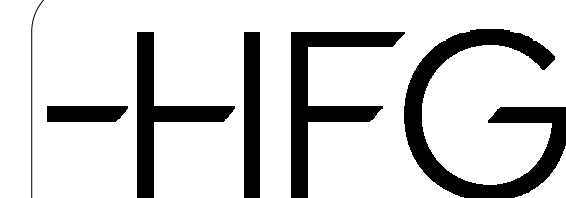
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Sheet No: **P2.1B**

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7TH FLOOR MEDICAL GAS PLAN - AREA B
1/8" = 1'-0"





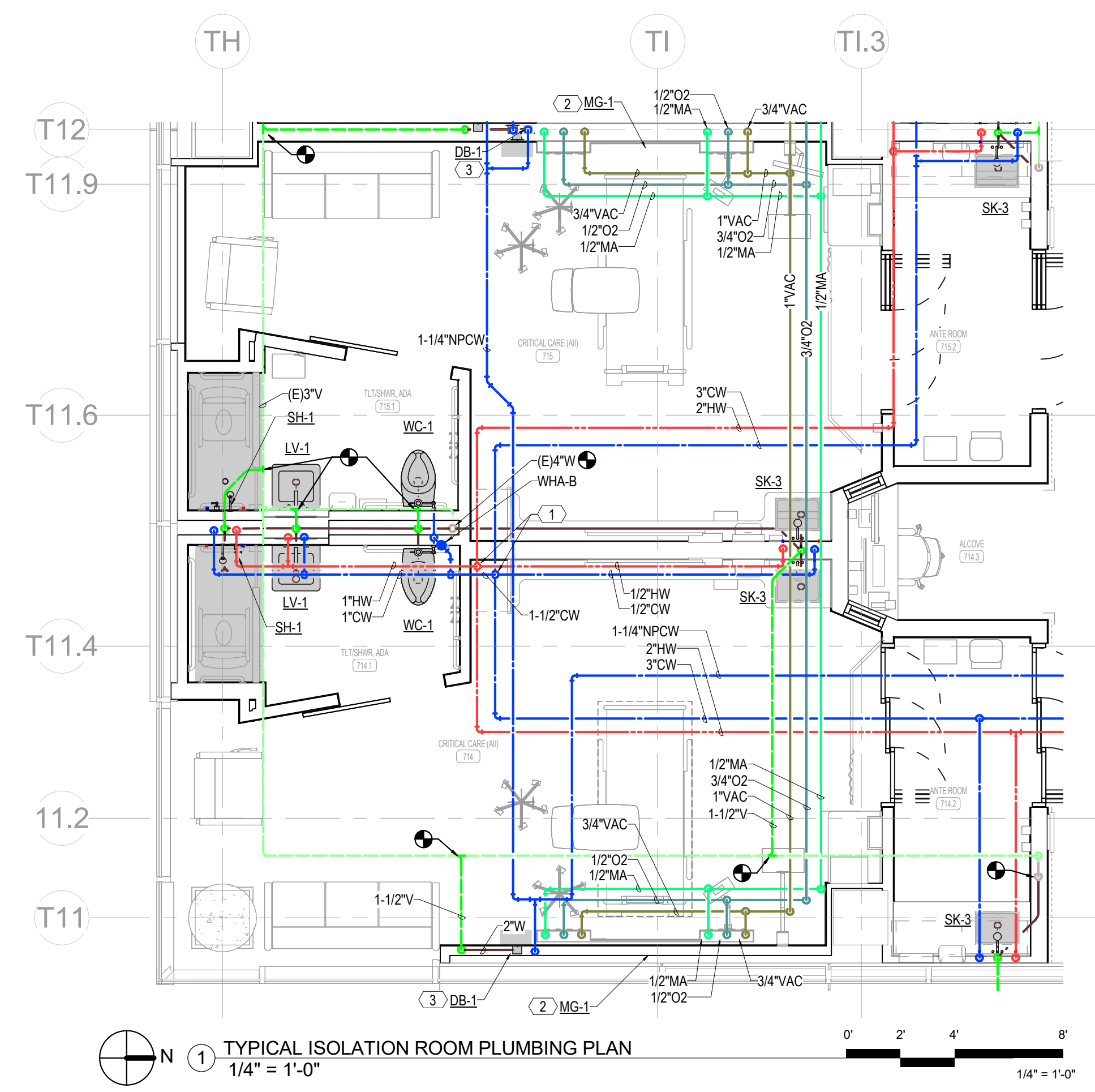
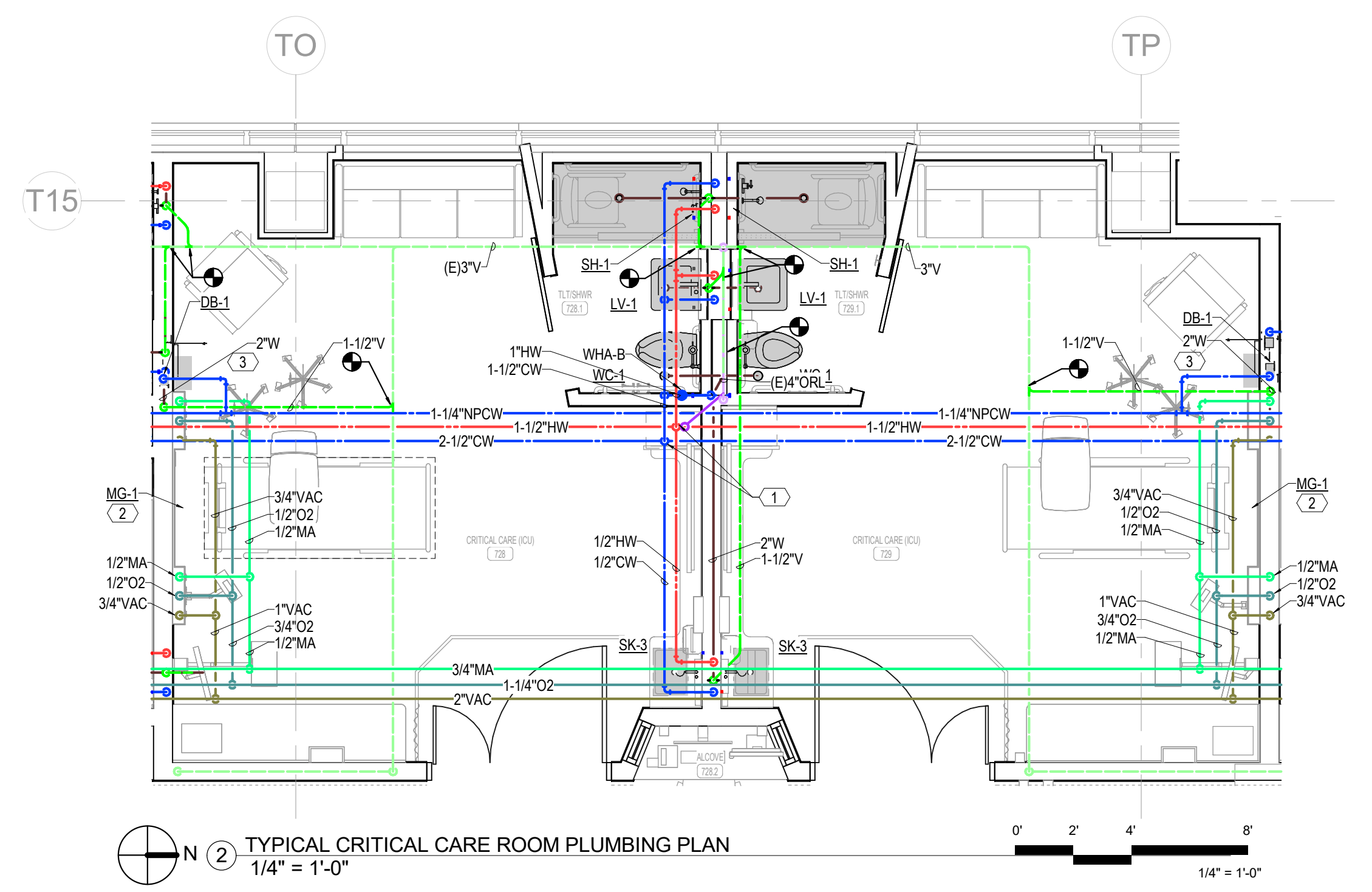
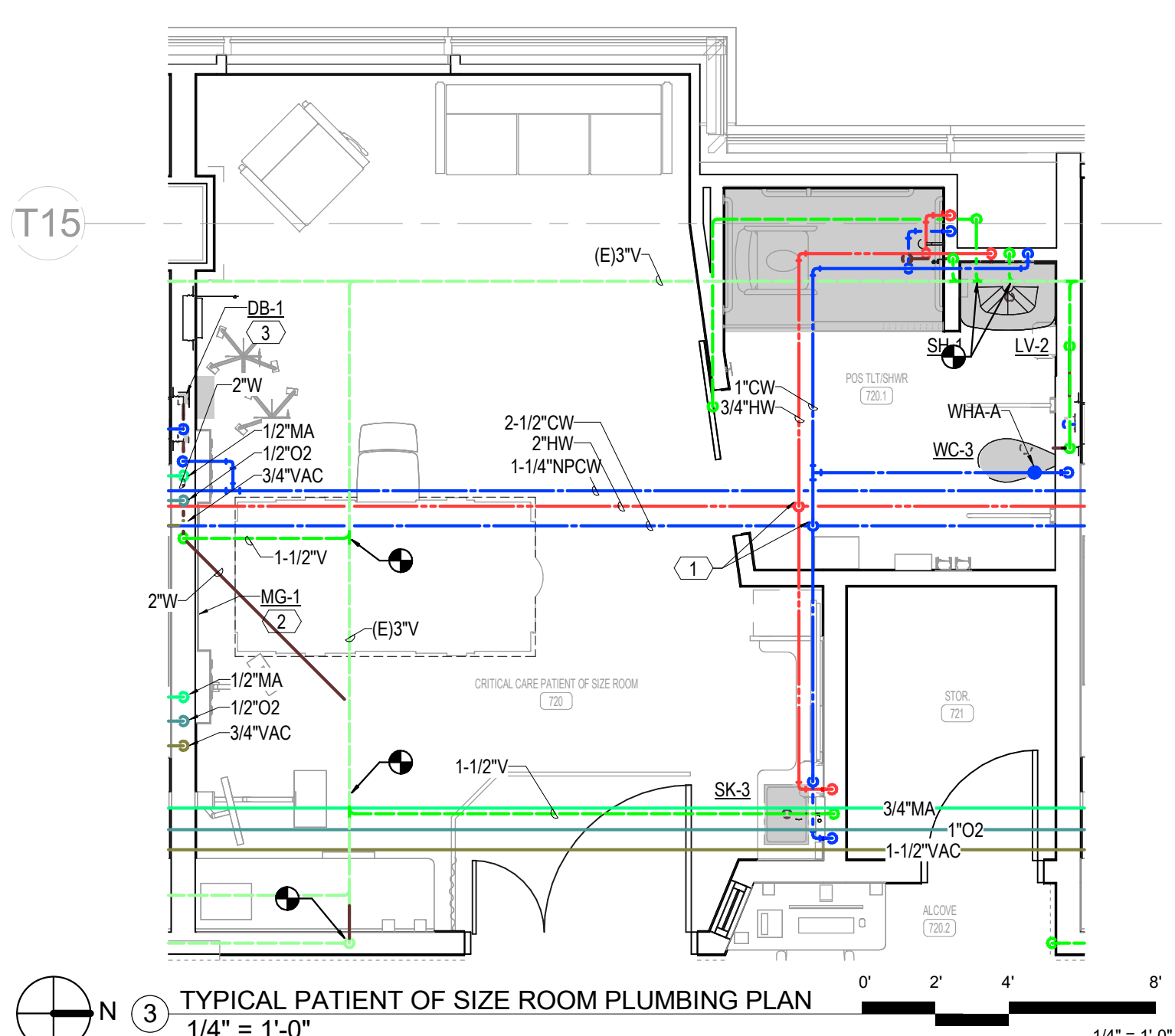
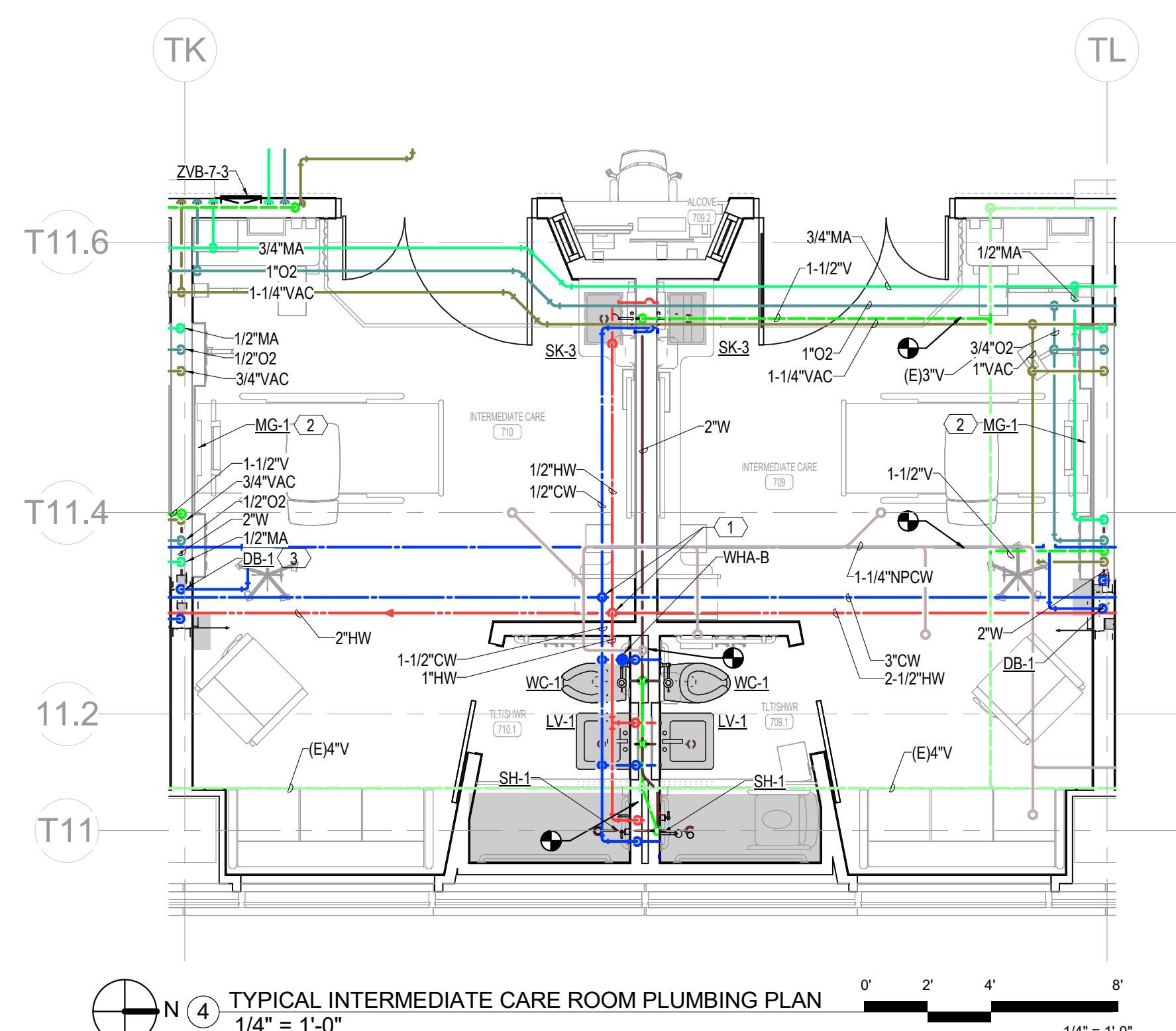
PLUMBING GENERAL NOTES

- REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
- NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
- PIPING ON EXTERIOR WALLS OR PRE-CAST WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
- AVOID ROUTING OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
- ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS.
- ACCESS PANELS SHALL BE 24x24, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND EQUIPMENT LOCATIONS. PROVIDE RATED ACCESS PANELS WHEREVER REQUIRED BY APPLICABLE CODES.
- REFERENCE CEILING SPACES ALLOCATION DETAIL FOR INSTALLATION HEIGHTS OF PLUMBING PIPING. OFFSET AS NECESSARY TO AVOID OBSTRUCTIONS. PIPING REQUIRED TO BE SLOPED SHALL TAKE PRECEDENCE.
- PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
- TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IPC.
- VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

SHEET KEYNOTES

- PROVIDE ISOLATION VALVE IN VERTICAL RISER FROM WATER SUPPLY MAIN PRIOR TO BRANCHING OUT TO FIXTURES.
- REFER TO ARCHITECTURAL ELEVATIONS OF THE HEADWALL FOR LOCATIONS AND HEIGHTS OF MEDICAL GAS OUTLETS.
- REFER TO ARCHITECTURAL HEADWALL ELEVATIONS FOR LOCATION AND HEIGHT OF DIALYSIS BOX.

No.	Date	Description



PROGRESS DRAWING
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Step & Rev: Date: 01/07/2025
Scale: As indicated
Mercy Project No.: 2040-821203

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLUMBING PLANS - ENLARGED PAT. ROOMS



Floor No: 7TH FLOOR
Sheet No: P4.1

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No.	Date	Description

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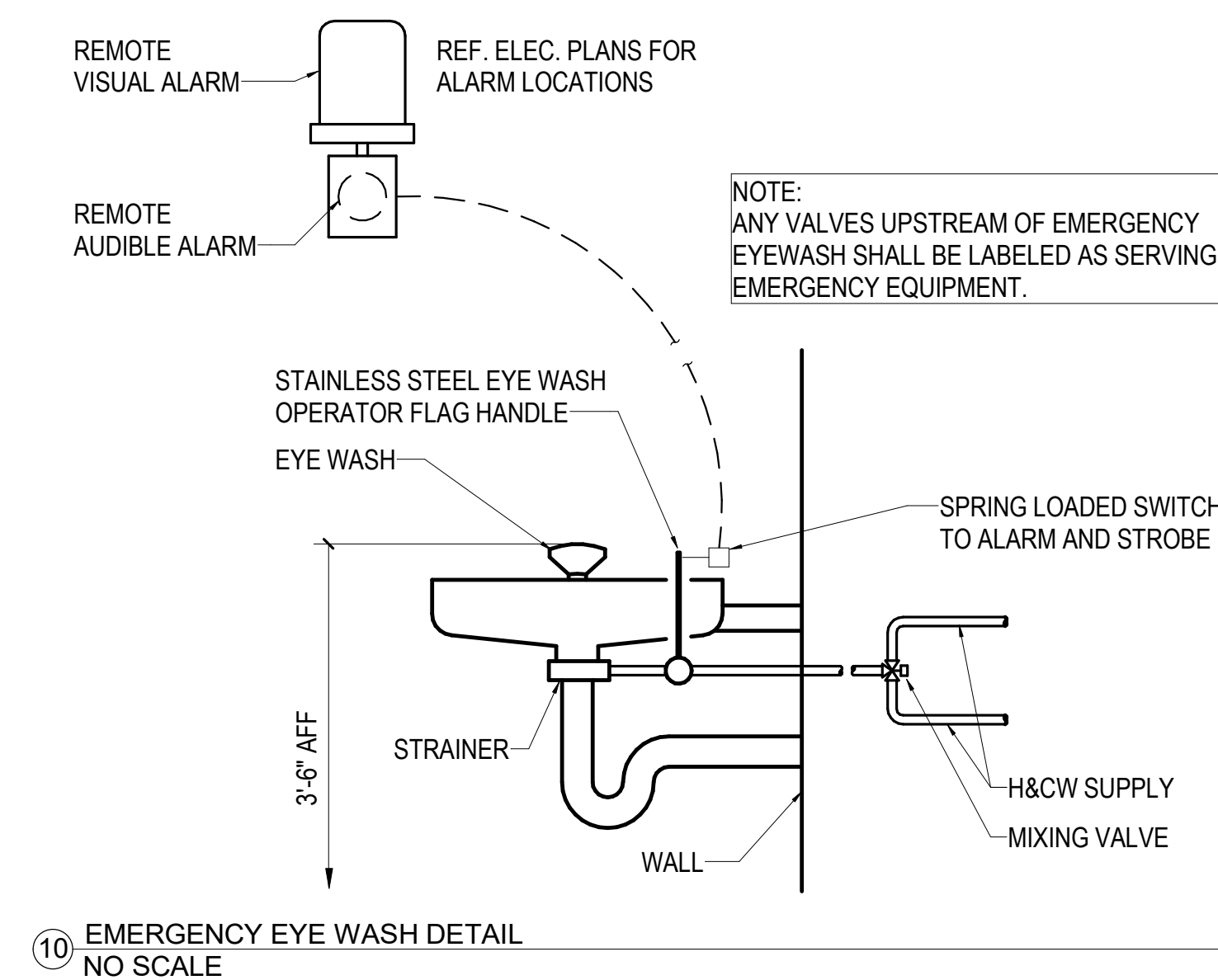
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
PLUMBING DETAILS

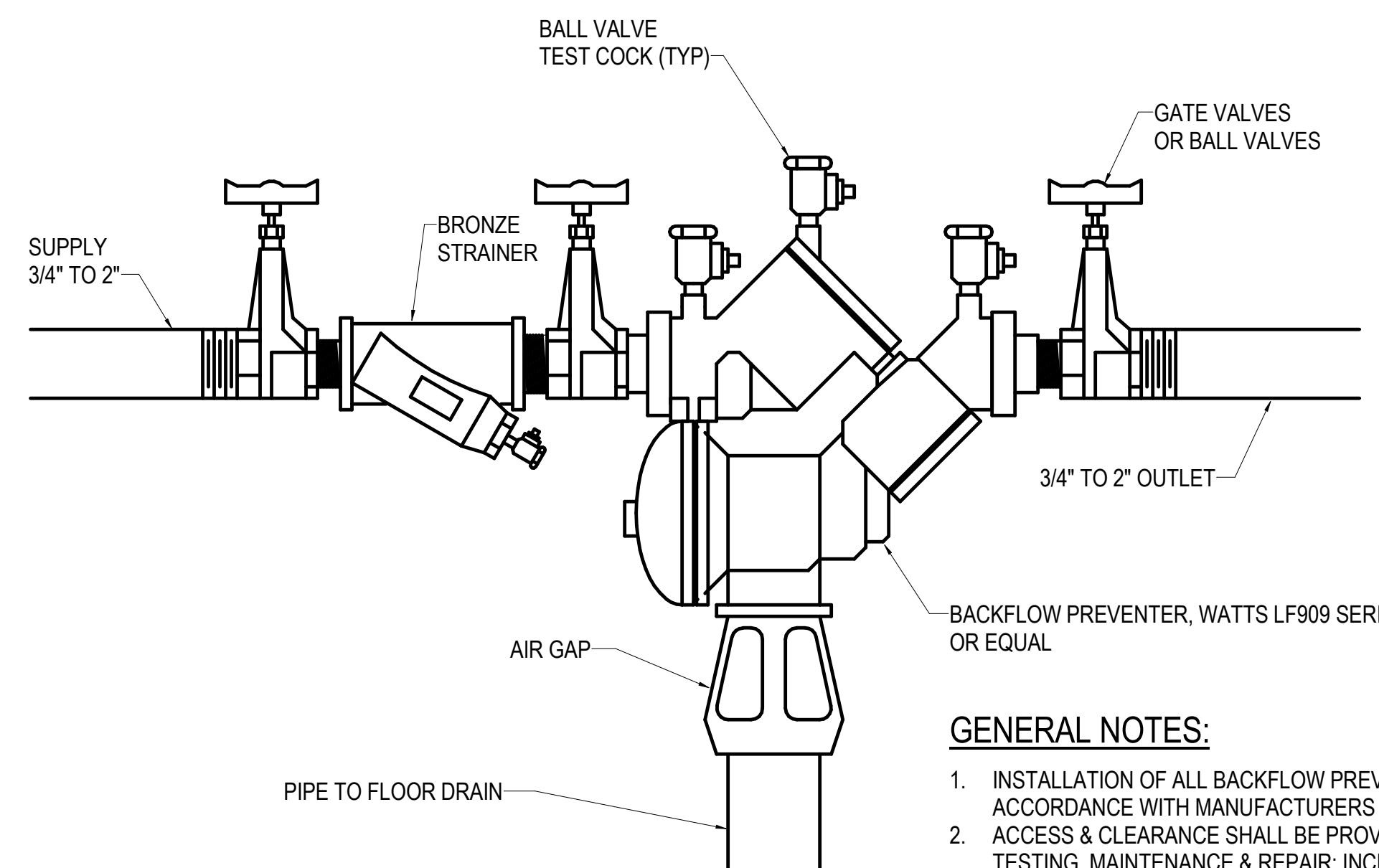


Sheet No.: **P5.1**

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918-688-5400 www.peec.com
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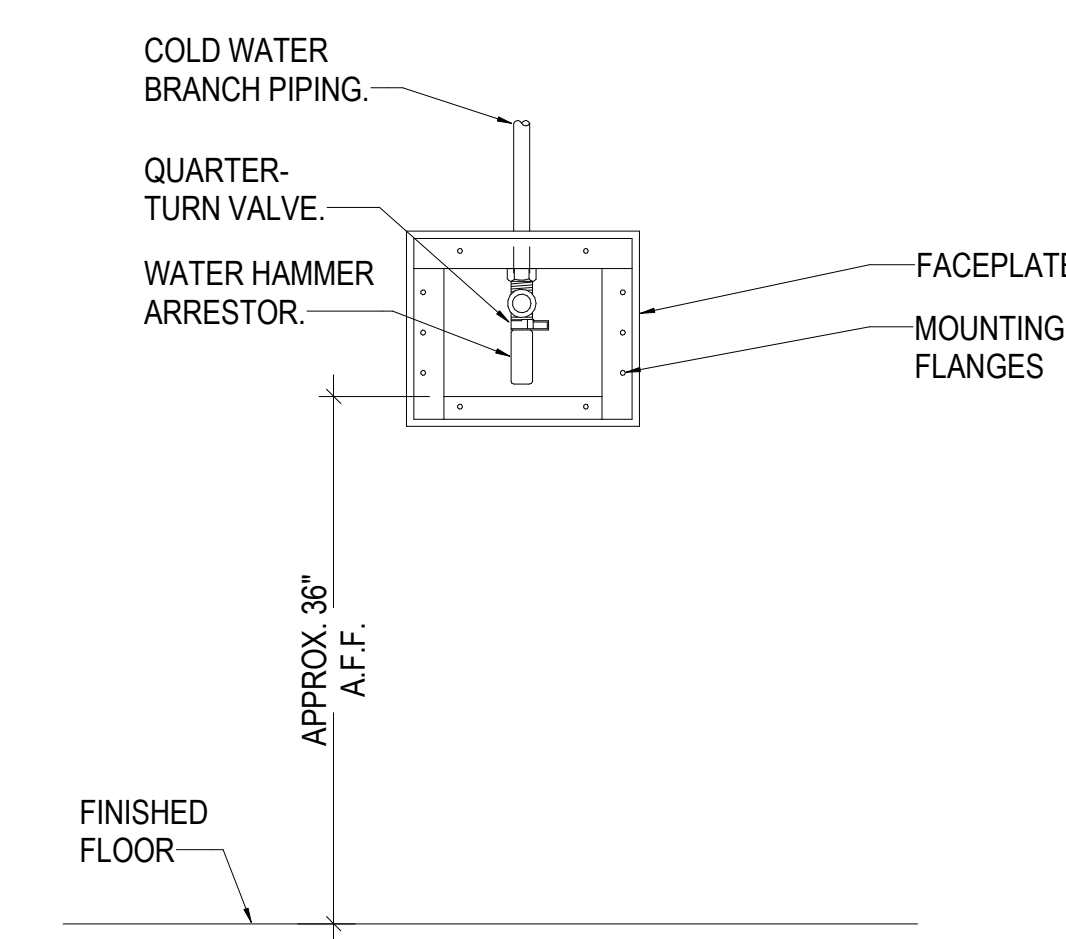
10 EMERGENCY EYE WASH DETAIL
NO SCALE



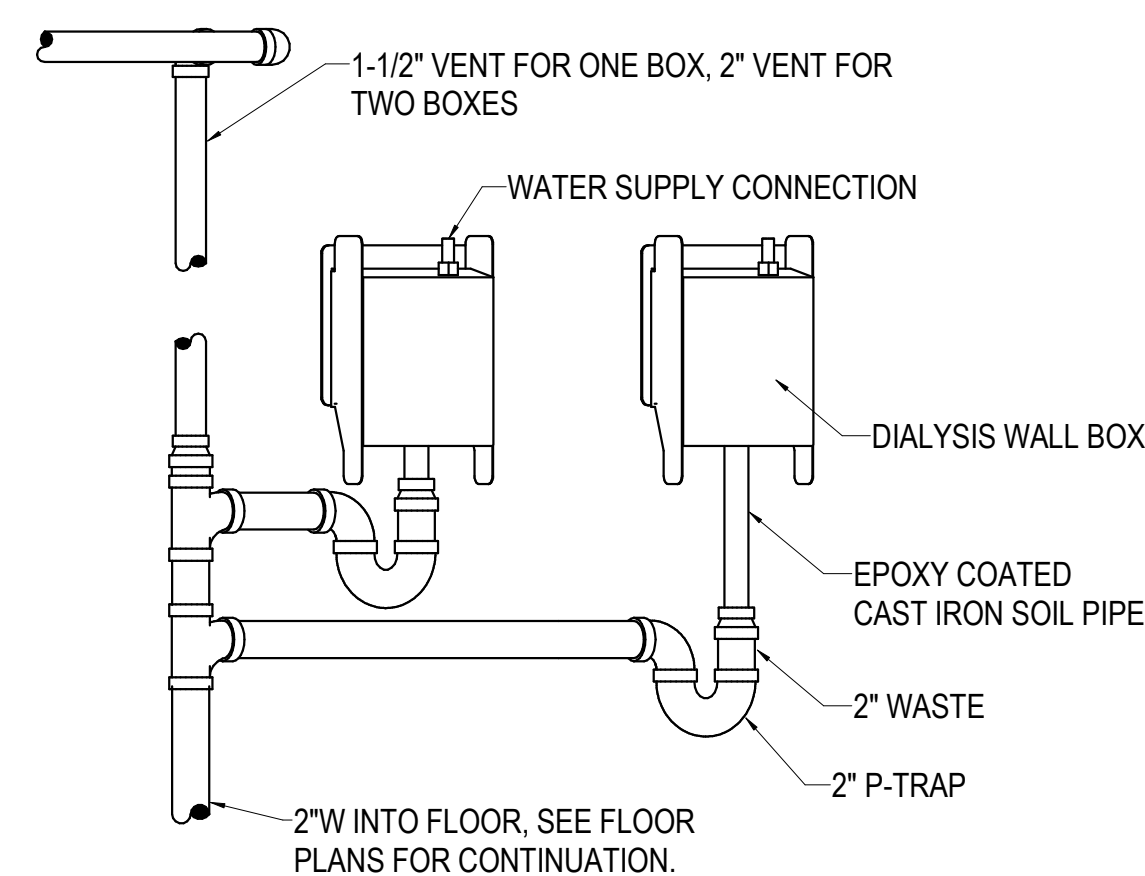
GENERAL NOTES:

1. INSTALLATION OF ALL BACKFLOW PREVENTERS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
2. ACCESS & CLEARANCE SHALL BE PROVIDED FOR REQUIRED TESTING, MAINTENANCE & REPAIR, INCLUDING A MINIMUM OF 1'-0\"/>

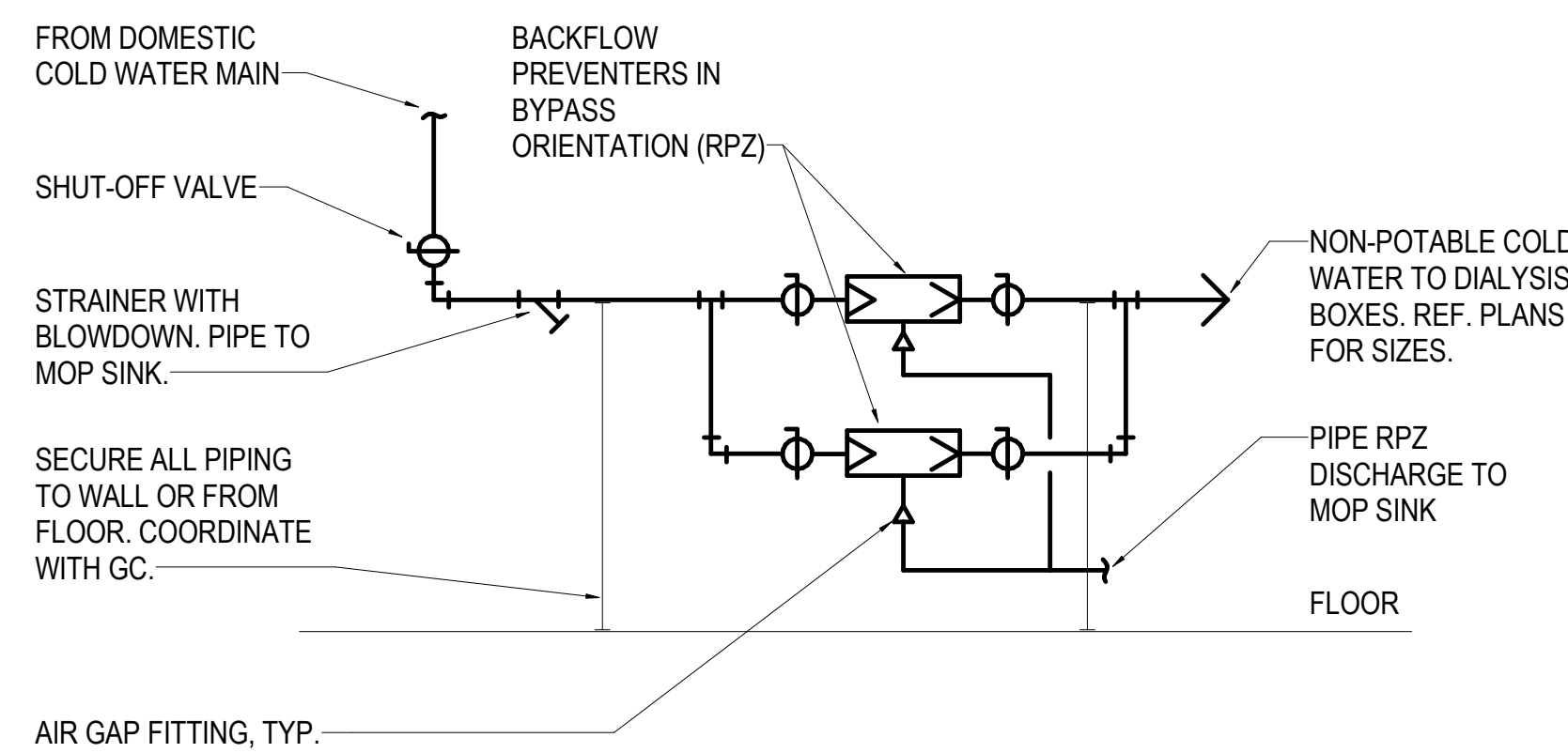
7 BACKFLOW PREVENTER DETAILS
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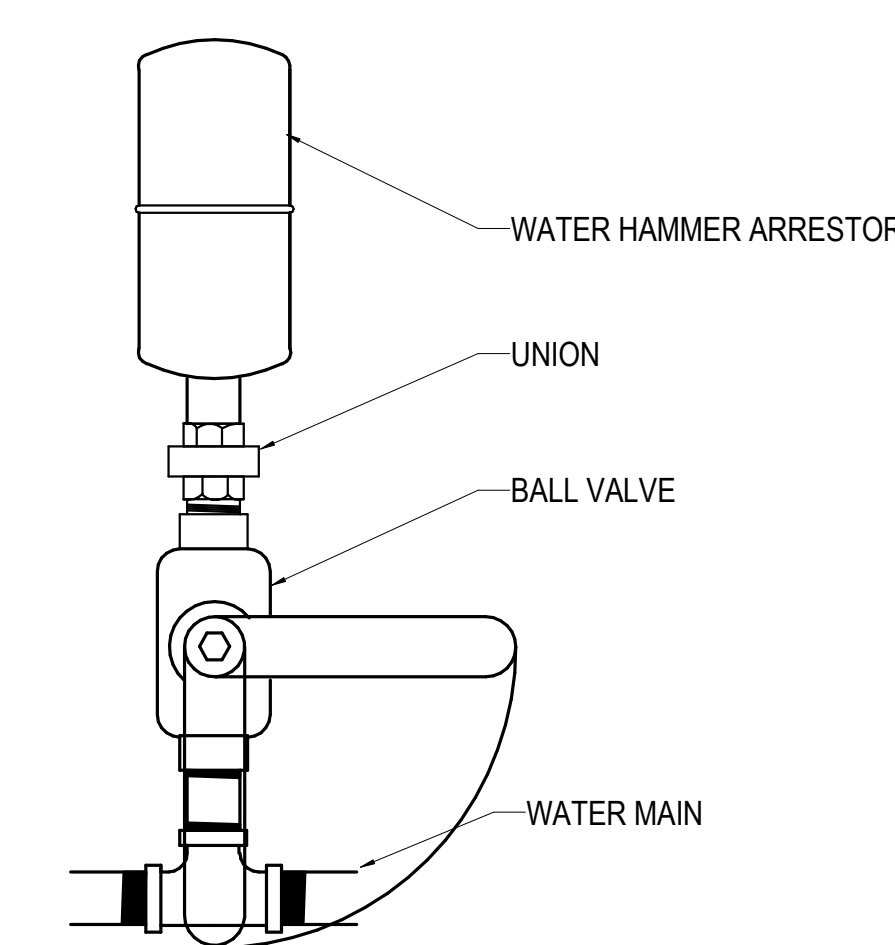
4 WATER SUPPLY BOX DETAIL
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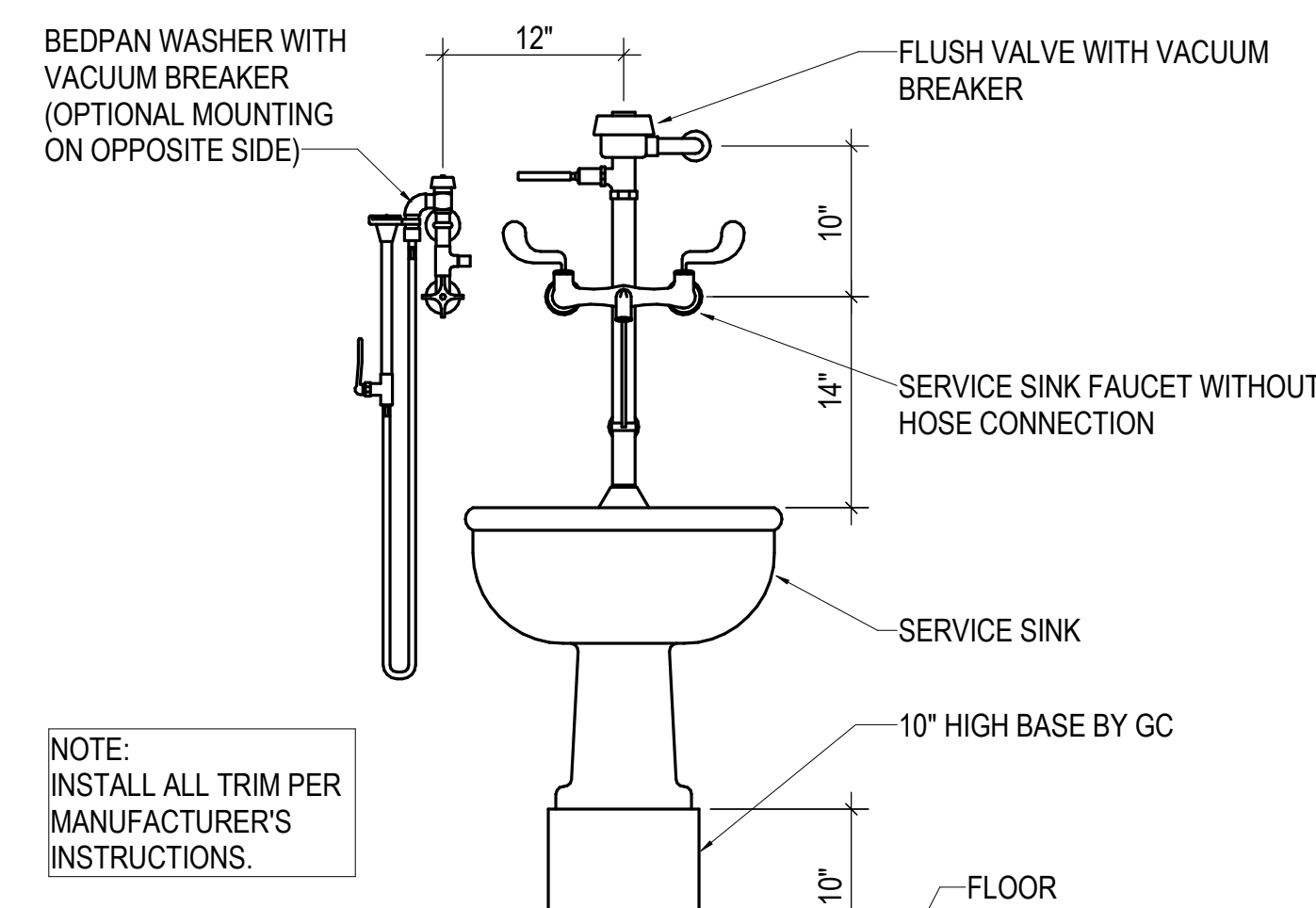
8 DIALYSIS BOX WASTE PIPING DETAIL
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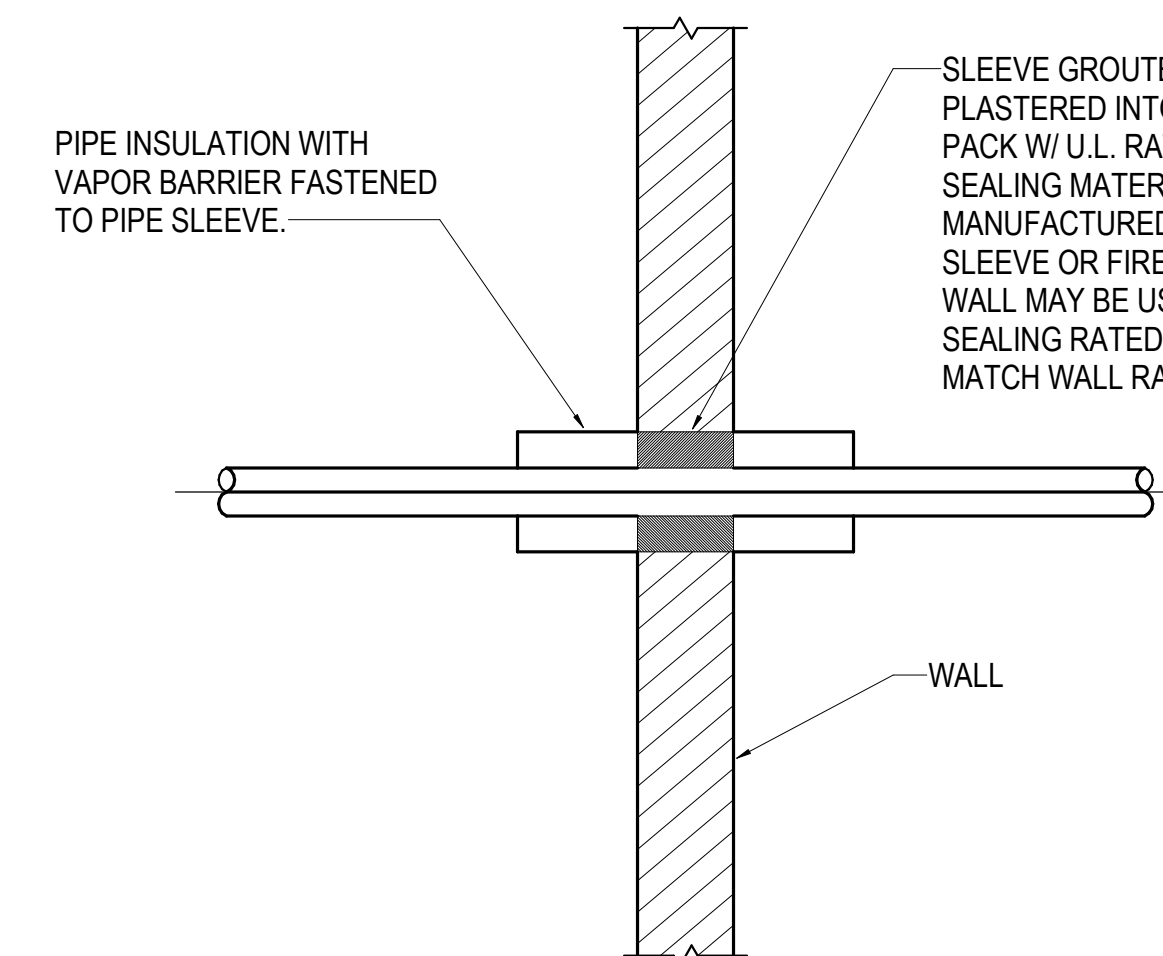
9 DIALYSIS WATER BACKFLOW PREVENTER INSTALLATION DETAIL
NO SCALE



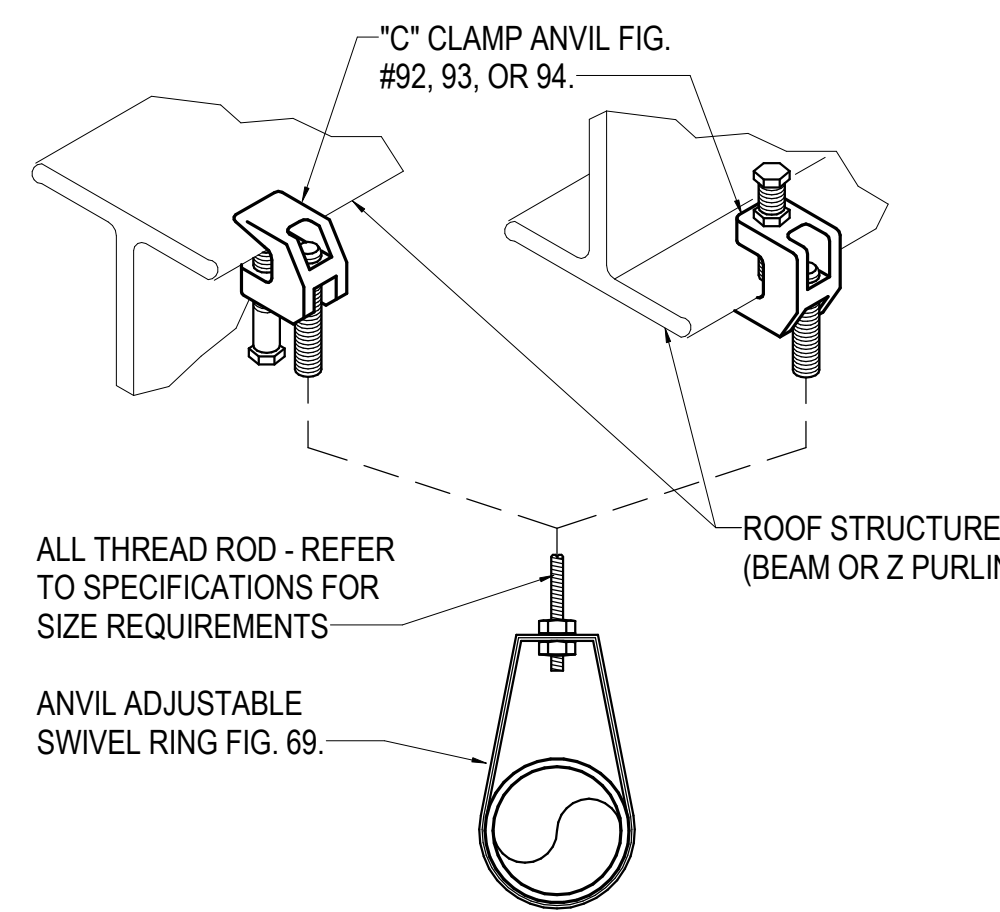
6 WATER HAMMER ARRESTOR DETAIL
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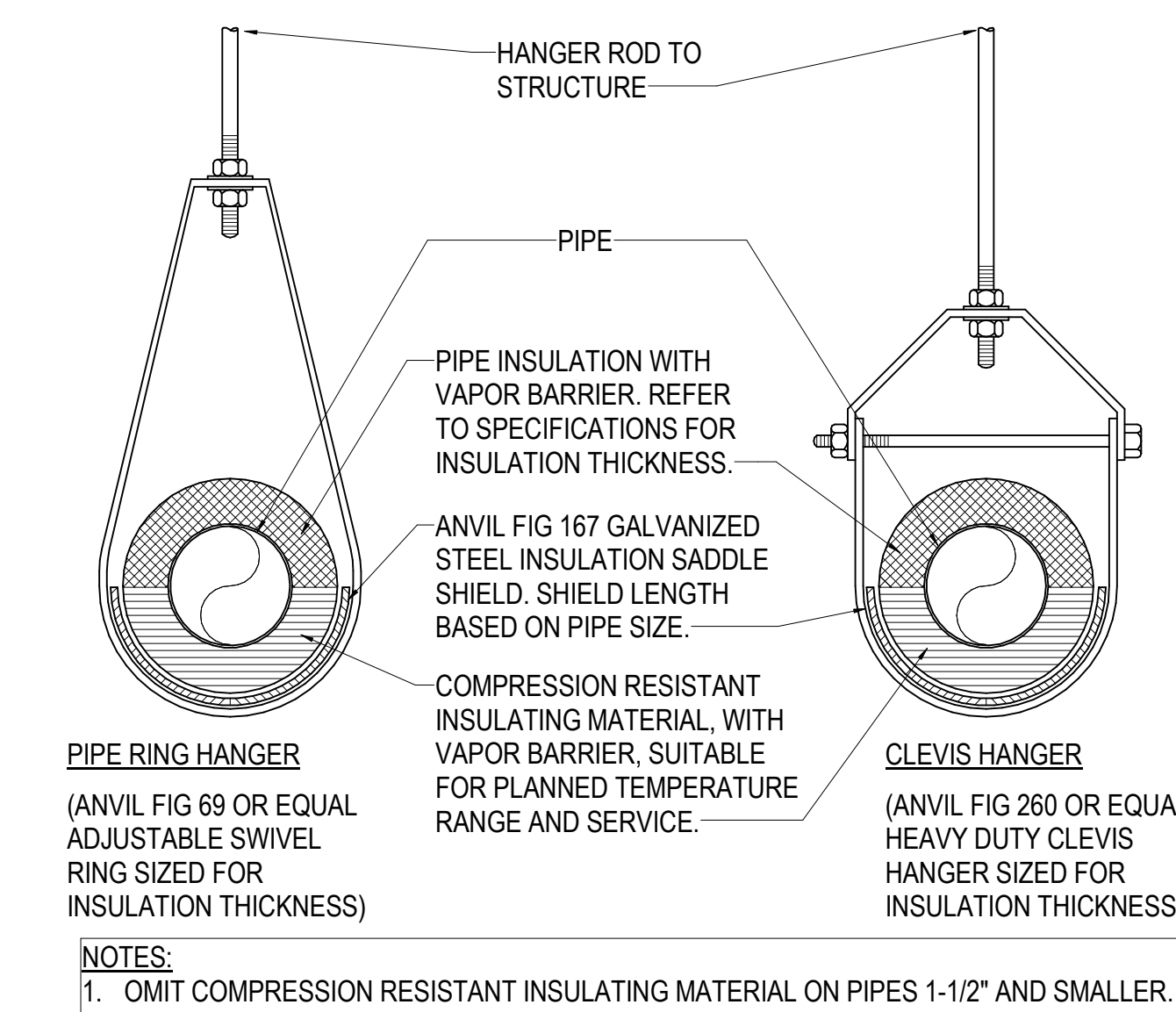
5 CLINICAL SERVICE SINK DETAIL
NO SCALE



3 PIPE THRU FIRE RATED WALL DETAIL
1/8\"/>



2 PIPE HANGER DETAIL - UNINSULATED COPPER TUBING
1/8\"/>



1 INSULATED PIPE AT HANGER DETAIL
NO SCALE



PLUMBING FIXTURE SCHEDULE

Table with 16 columns: MARK, DESCRIPTION, MANUFACTURER, MODEL, DIMENSIONS, ADA COMPLIANT, MATERIAL AND FINISH, TRIM (MANUFACTURER, MODEL, CONTROL TYPE, POWER), FLOW (GALLONS PER MINUTE (GPM), GALLONS PER FLUSH (GPF)), PIPE RUNOUT SIZES (COLD WATER, HOT WATER, WASTE, VENT), SPECIFICATION.

MEDICAL GAS CONNECTION SCHEDULE

Table with 11 columns: MARK, MFR., MODEL, LOC., SERVING ROOM, PIPING CONNECTIONS (IN) (MEDICAL AIR, OXYGEN, VACUUM), ALARM SIGNAL (MEDICAL AIR, OXYGEN, VACUUM), REMARKS.

MEDICAL GAS OUTLET SCHEDULE

Table with 8 columns: MARK, MFR., MODEL, DESCRIPTION, OXYGEN (O2), VAC (VAC), MEDICAL AIR (MA), REMARKS.

Table with 3 columns: No., Date, Description.

PROGRESS DRAWING 1/7/2025 5:27:04 PM NOT FOR CONSTRUCTION

Mercy Project No.: 2040-821203 Date: 01/07/2025

MERCY NWA HOSPITAL Building No.: 1388 ROGERS 7TH FLOOR ICU 2710 RIFE MEDICAL LANE, ROGERS, AR 72758



P6.1



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HVAC DEMO NOTES

- PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
- DEMOLISH ALL DUCTWORK, PIPING, AND EQUIPMENT SHOWN SHADED, DASHED AND IN A DARK LINE WEIGHT.

Architect Logos

No.	Date	Description

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1/7/2025 5:27:20 PM
NOT FOR CONSTRUCTION

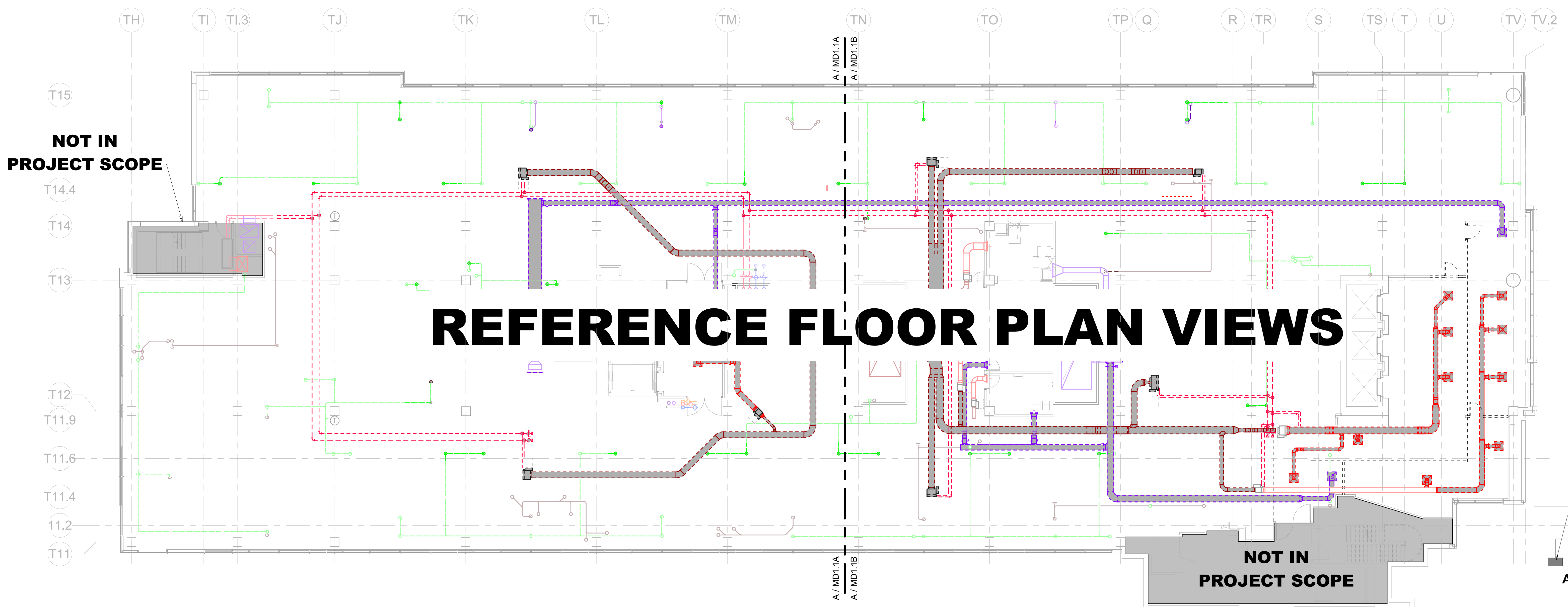
Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR MECHANICAL DEMO PLAN - OVERALL

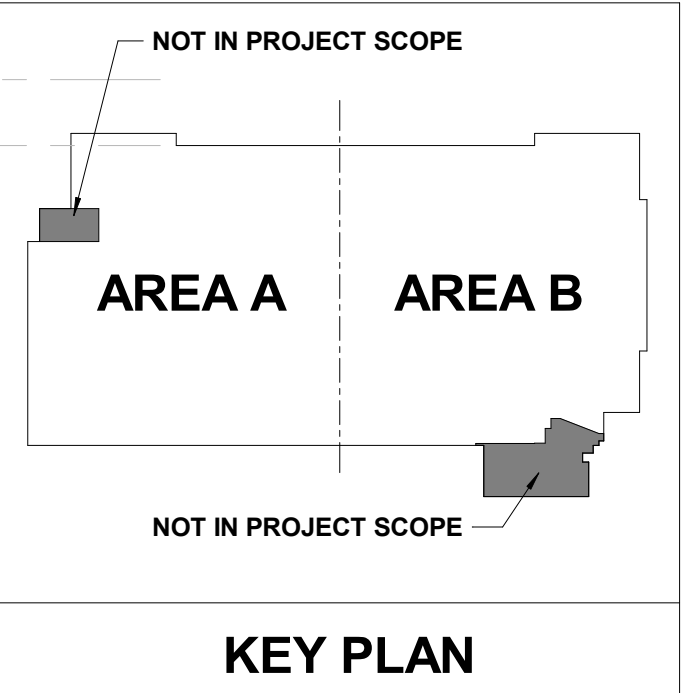


7TH FLOOR
MD1.1

PEC
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624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179400 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026



REFERENCE FLOOR PLAN VIEWS



7TH FLOOR MECHANICAL PLAN - OVERALL
3/32" = 1'-0"



1/7/2025 5:27:20 PM
Autodesk Docs: HFG AR MRCY - Mercy Hospital NW Arkansas Projects\240179-000_MIECH_R23.rvt

HVAC DEMO NOTES

- PLANS ARE SCHEMATIC IN NATURE. LAYOUT IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
- DEMOLISH ALL DUCTWORK, PIPING, AND EQUIPMENT SHOWN SHADED, DASHED AND IN A DARK LINE WEIGHT.

SHEET KEYNOTES

Architect Logos

No.	Date	Description

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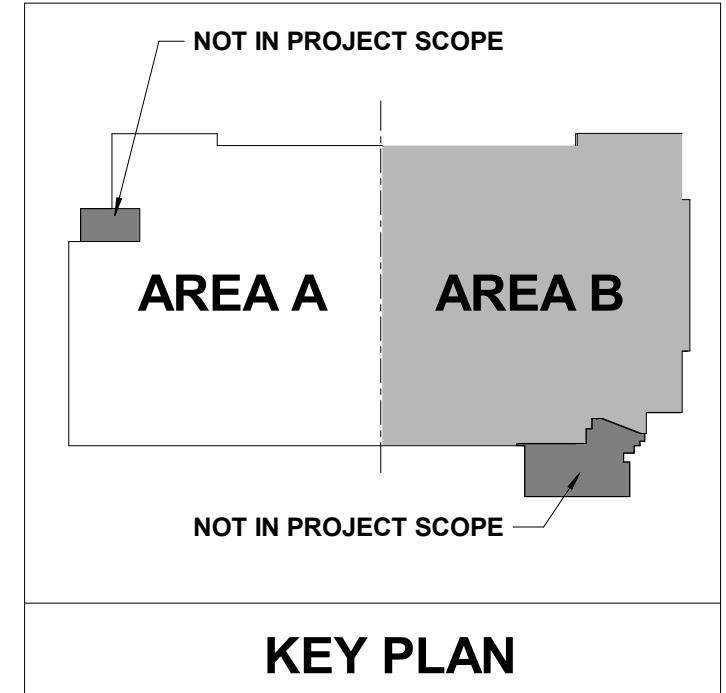
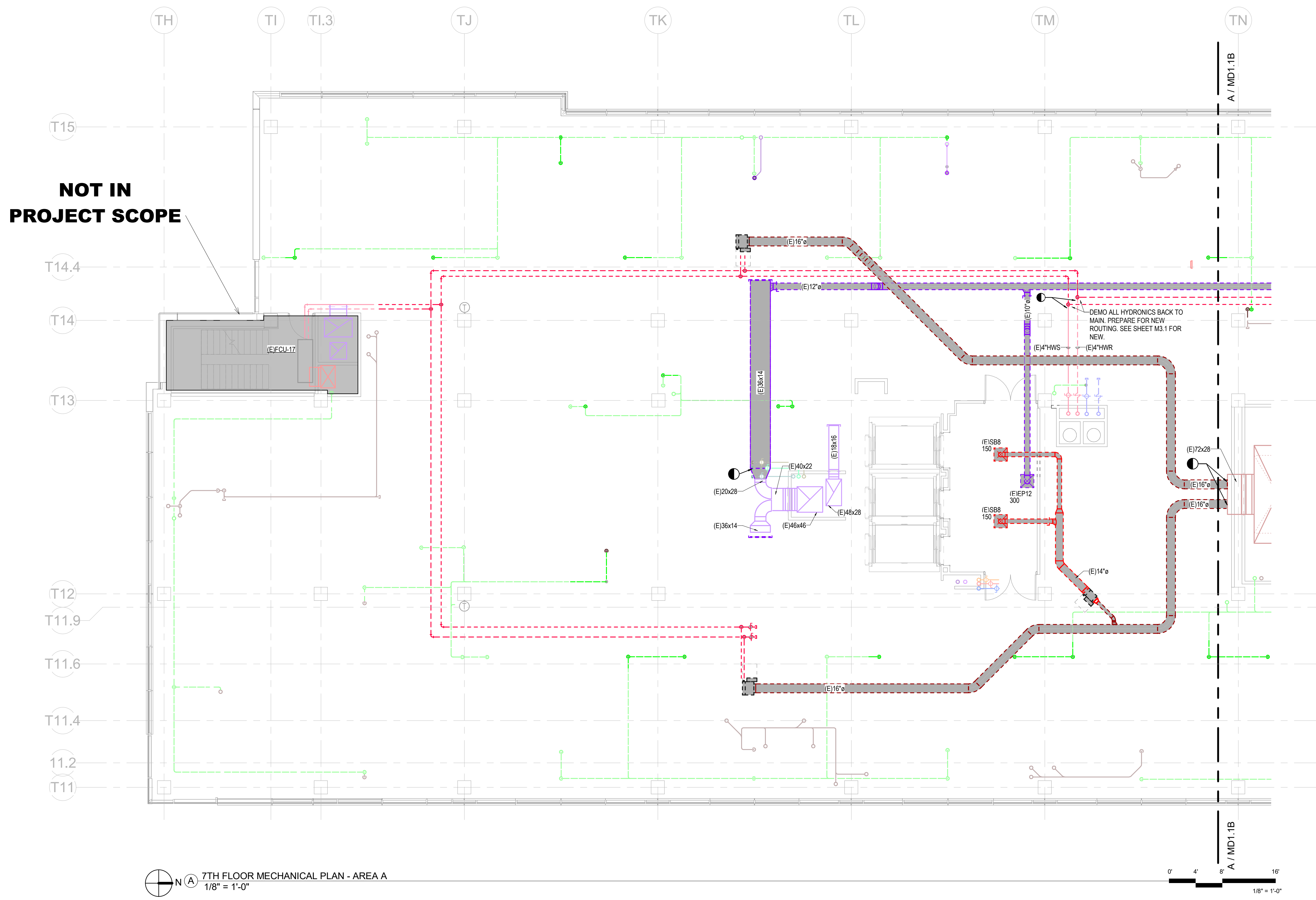
Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MECHANICAL DEMO PLAN - AREA A



Floor No: 7TH FLOOR
Sheet No: **MD1.1A**

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624 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-668-5400 www.pec.com
PEC PROJECT NUMBER: 24079400 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026



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7TH FLOOR MECHANICAL PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"



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SHEET KEYNOTES

Architect Logo

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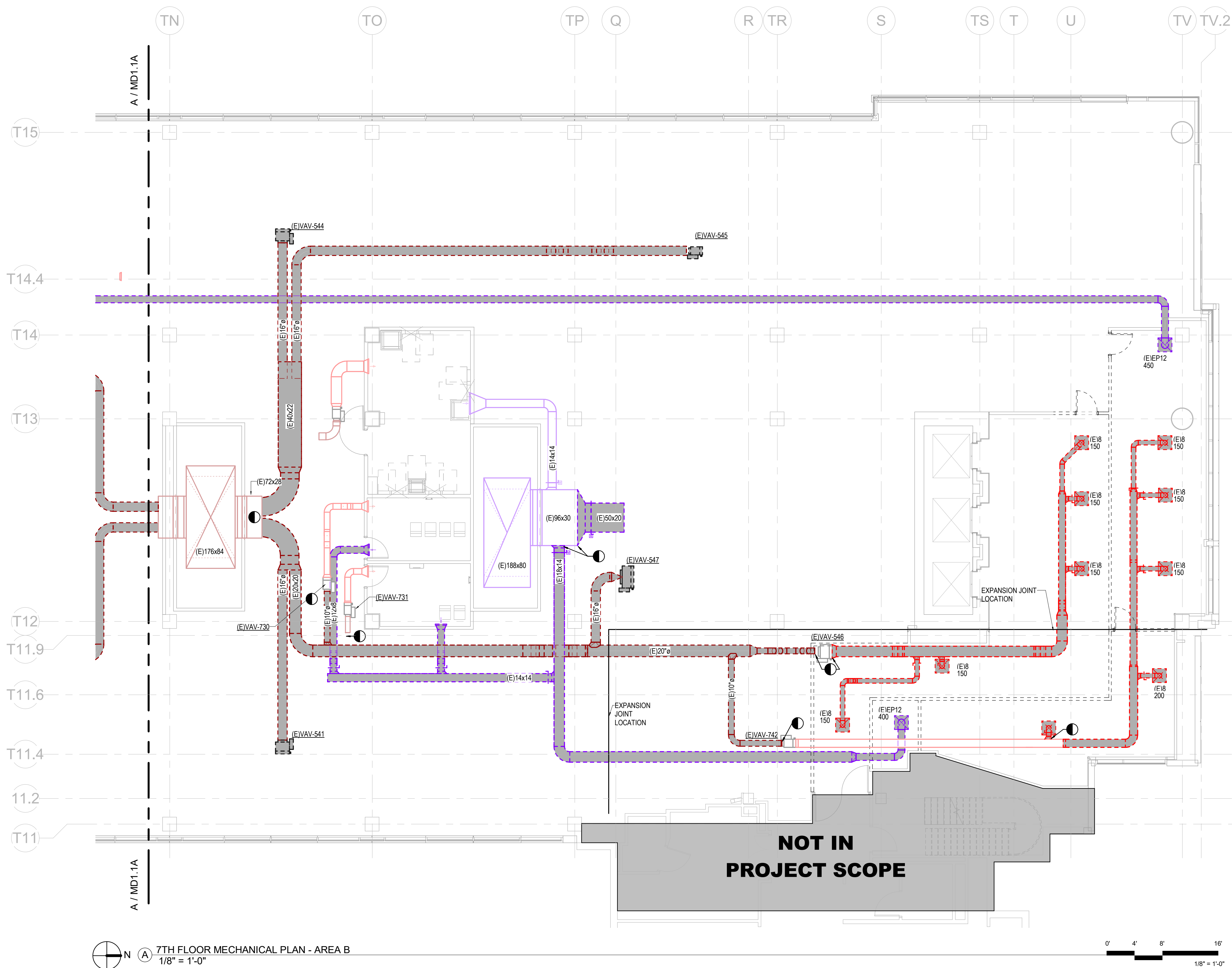
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Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: **7TH FLOOR MECHANICAL DEMO PLAN - AREA B**

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Floor No: 7TH FLOOR
Sheet No: **MD1.1B**



Architect Logo

No.	Date	Description

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Sheet No.

Mercy Project No.: 2040-821203

Date: 01/07/2025

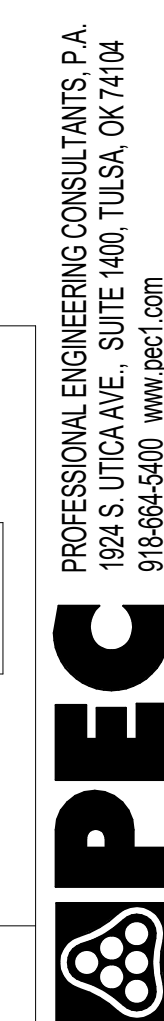
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MERCY NWA HOSPITAL
Building No.: 1388
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2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MECHANICAL ZONE PLAN - OVERALL

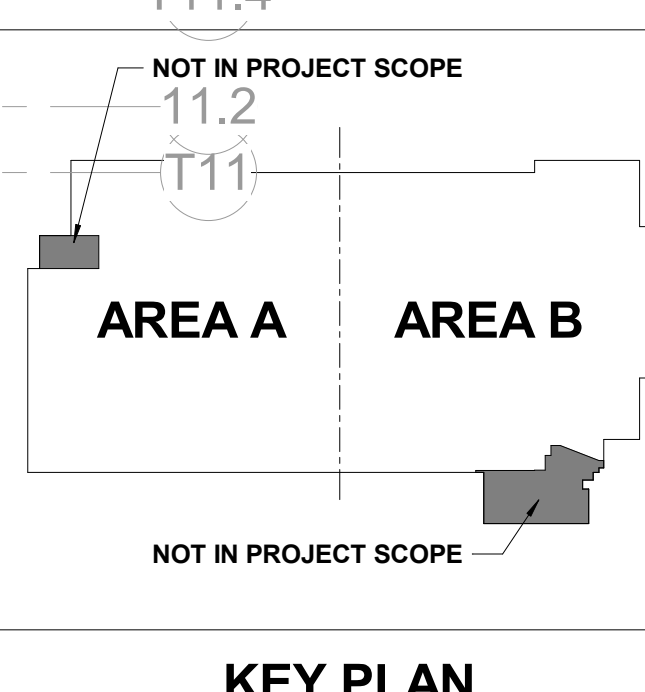
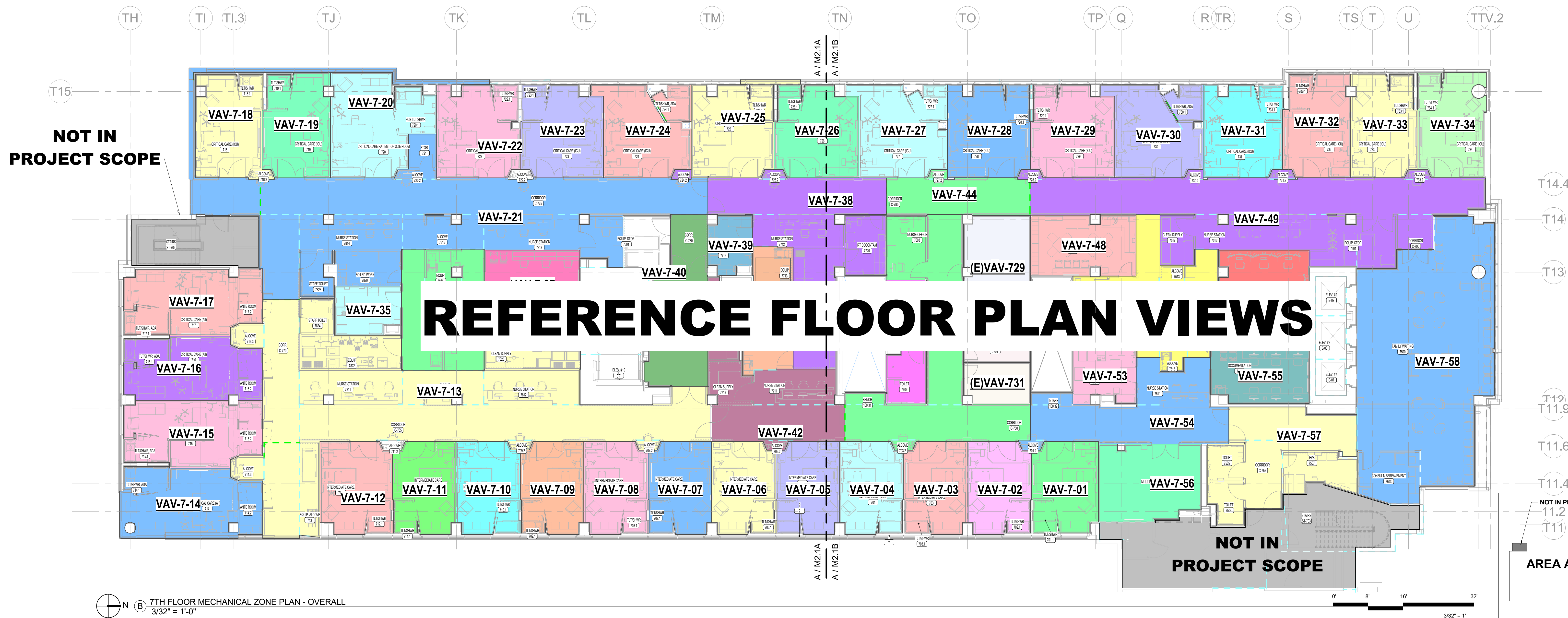


7TH FLOOR

M1.1



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918-688-5400 www.pep.com
PEP PROJECT NUMBER: 240179400 AR.C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026



No.	Date	Description

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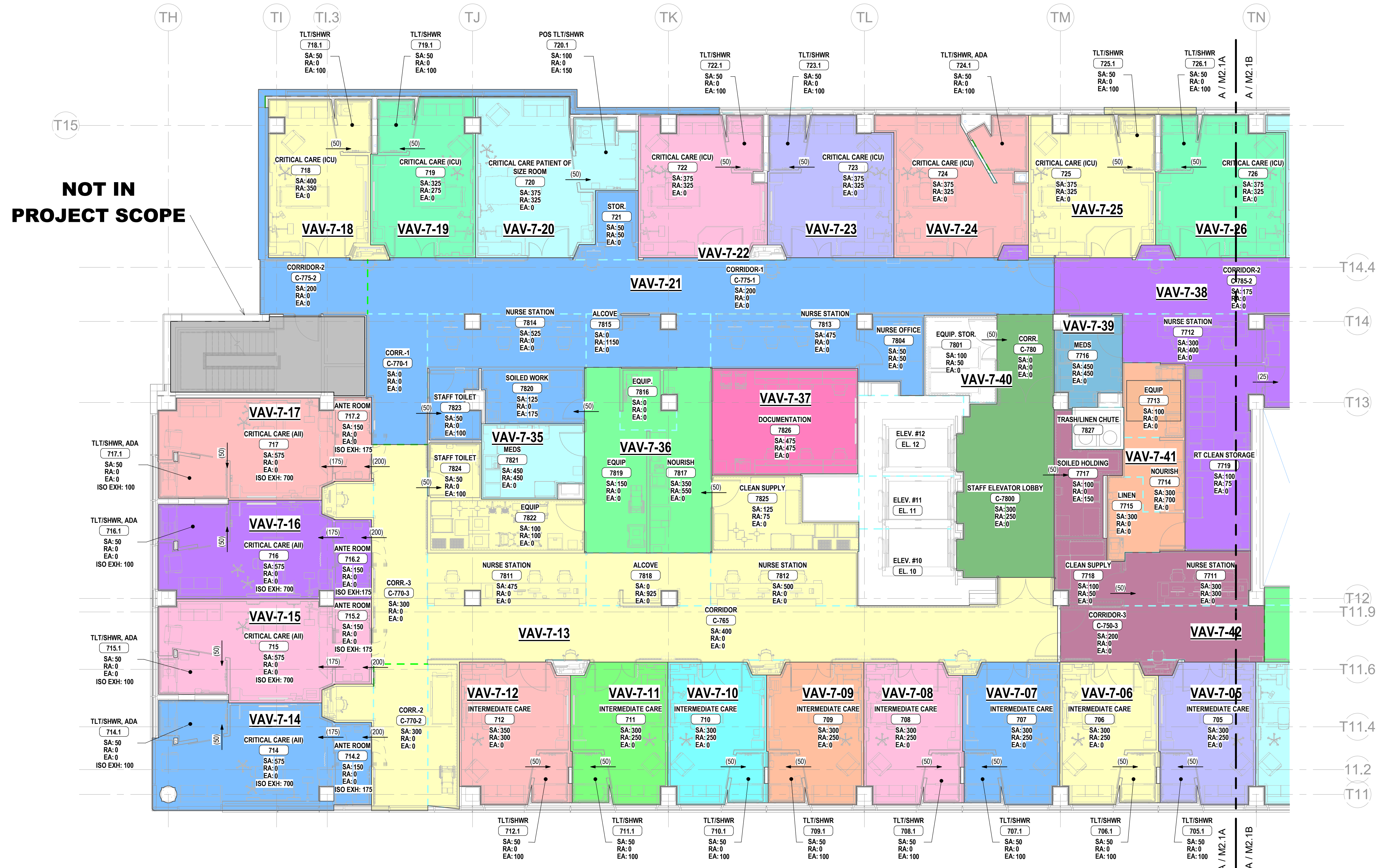
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR AIRFLOW DIAGRAM - AREA A



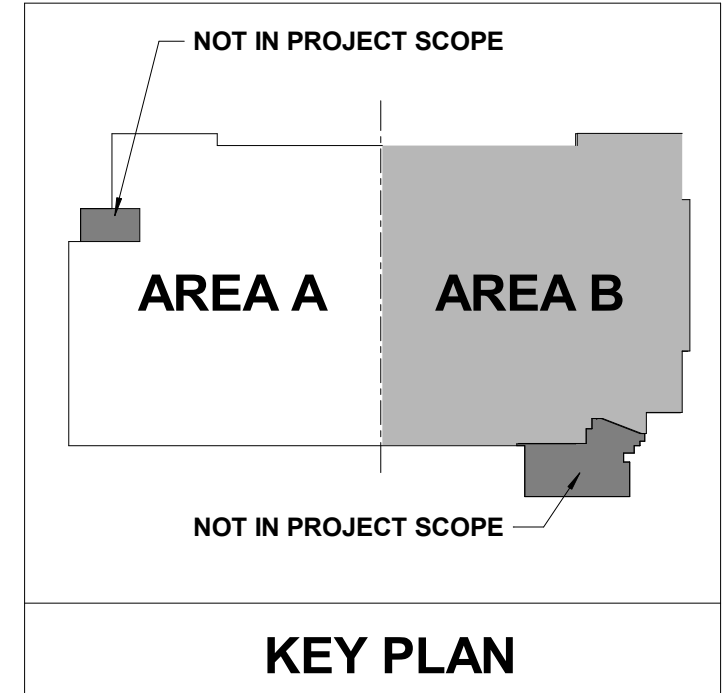
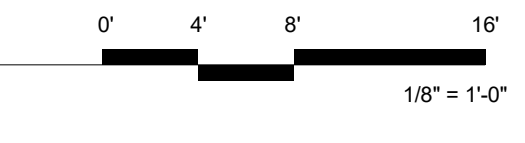
7TH FLOOR
M1.1A

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7TH FLOOR AIRFLOW DIAGRAM - AREA A
1/8" = 1'-0"



No.	Date	Description

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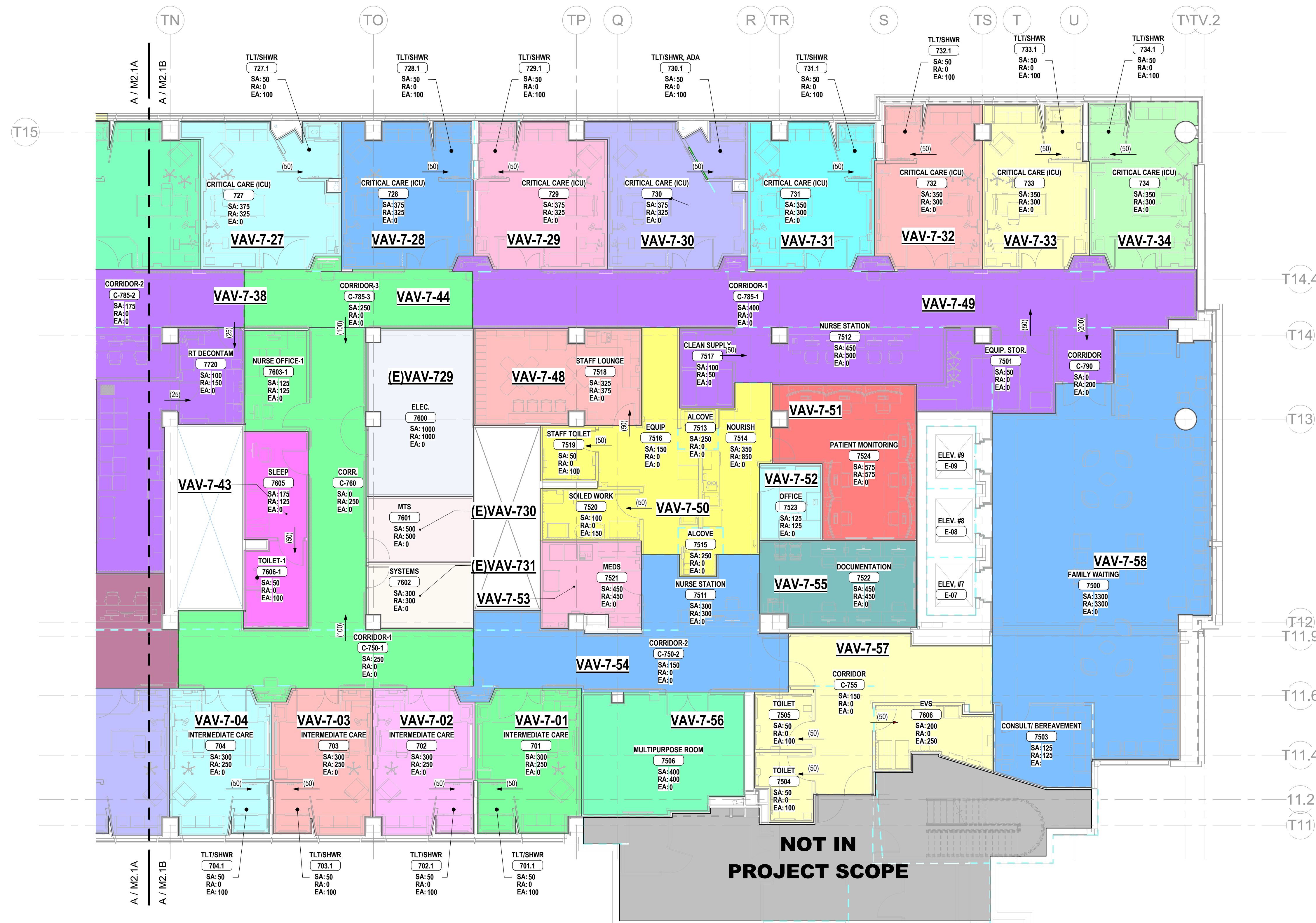
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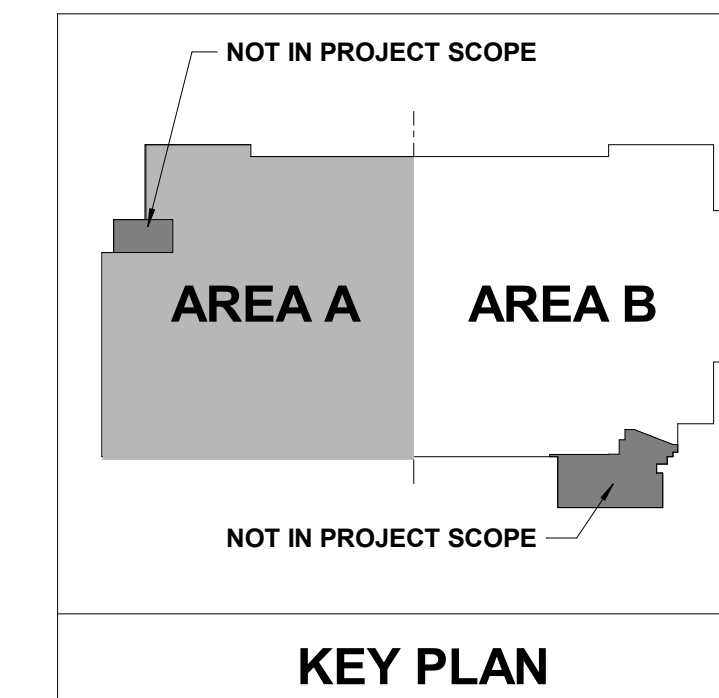
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR AIRFLOW DIAGRAM - AREA B



7TH FLOOR
M1.1B



7TH FLOOR AIRFLOW DIAGRAM - AREA B
1/8" = 1'-0"



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HVAC GENERAL NOTES

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- T-STATS SHALL BE LOCATED NEXT TO LIGHT SWITCH WITHIN THE ROOM SHOWN. COORDINATE WITH GC AND ELECTRICAL CONTRACTOR TO MATCH HEIGHT AND LOCATION.
- AVOID ROUTING DUCTWORK OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
- ALL SUPPLY AND EXHAUST AIR BRANCHES FOR DIFFUSERS OR GRILLES SHALL HAVE MANUAL BALANCE DAMPERS. RETURN AIR BRANCHES SHALL HAVE MANUAL BALANCE DAMPERS. FOR PLAN CLARITY, NOT ALL DAMPERS MAY BE SHOWN. WHERE HARD LID CEILINGS PREVENT BALANCE DAMPER ACCESS, CONFIRM WITH GRID SCHEDULE OR WITH ENGINEER TO USE GRID'S OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
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No.	Date	Description

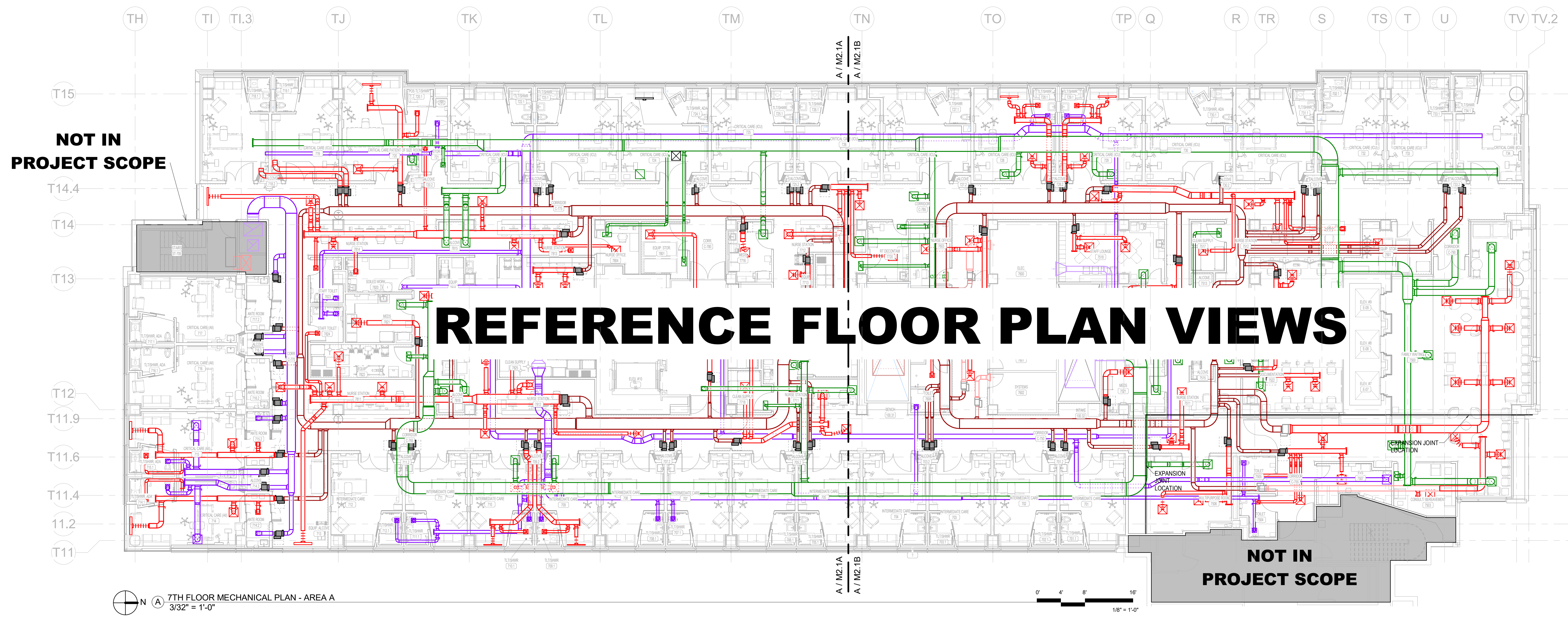
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR MECHANICAL PLAN - OVERALL

7TH FLOOR
M2.1

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REFERENCE FLOOR PLAN VIEWS

7TH FLOOR MECHANICAL PLAN - AREA A
3/32" = 1'-0"



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SHEET KEYNOTES

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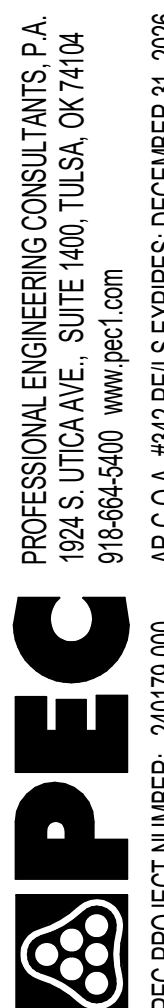
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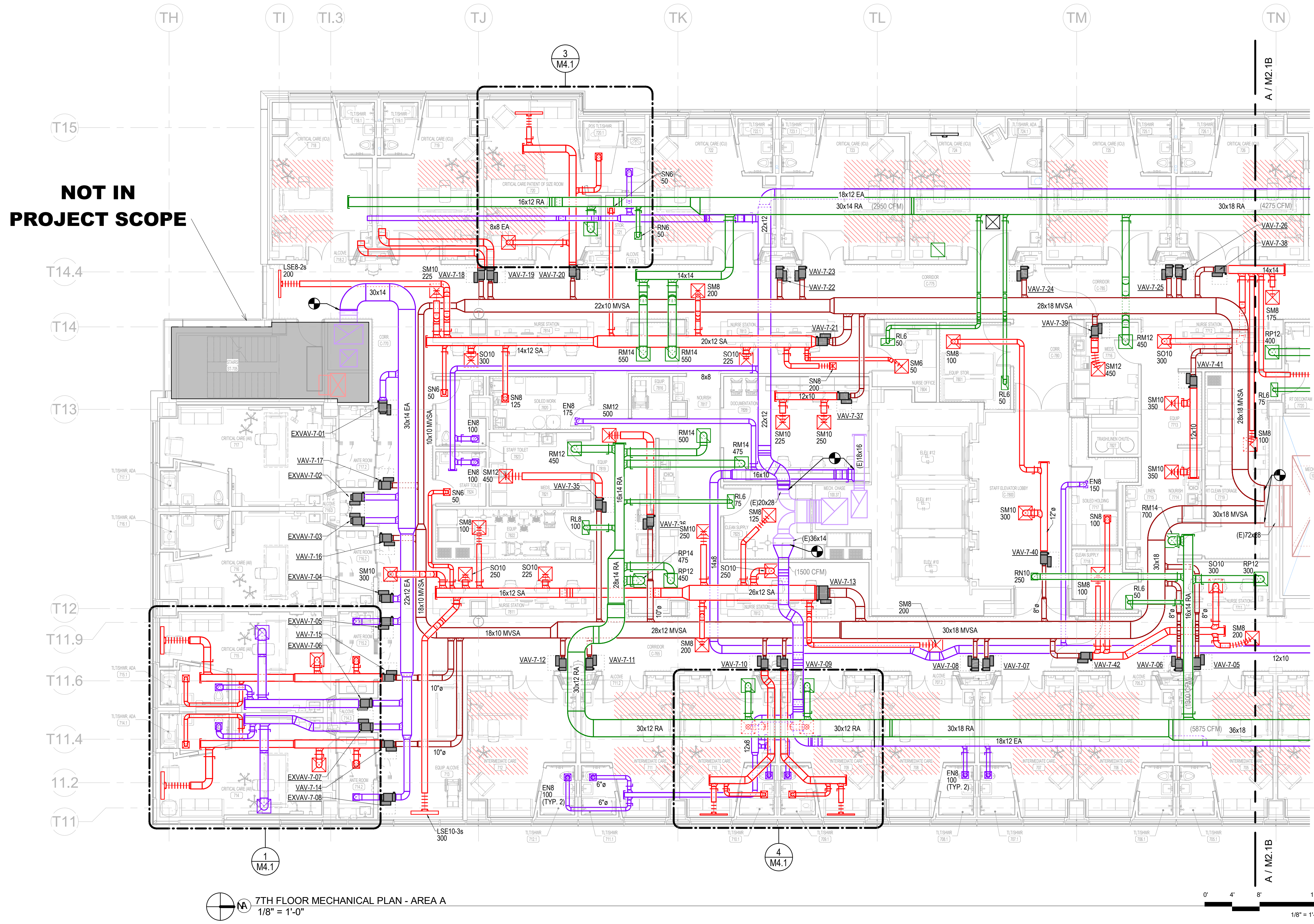
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR MECHANICAL PLAN - AREA A



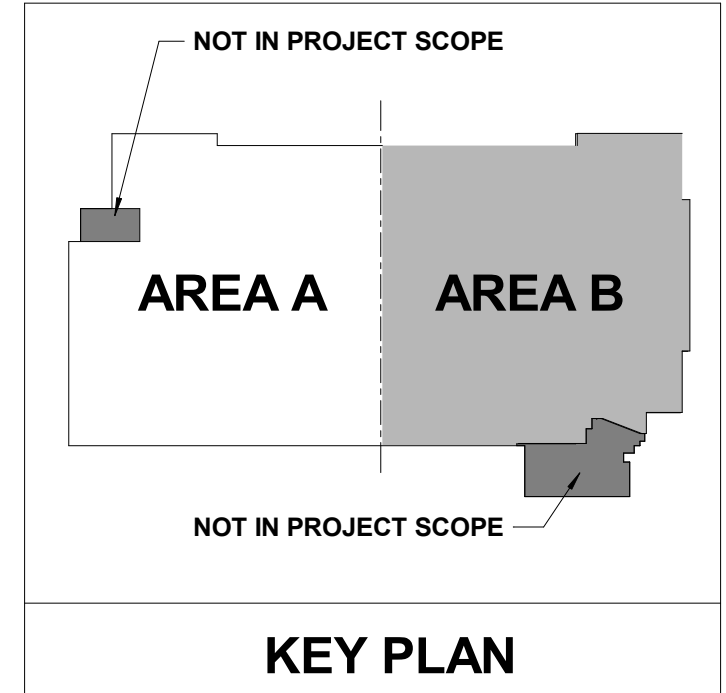
7TH FLOOR
M2.1A



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NOT IN PROJECT SCOPE



7TH FLOOR MECHANICAL PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"



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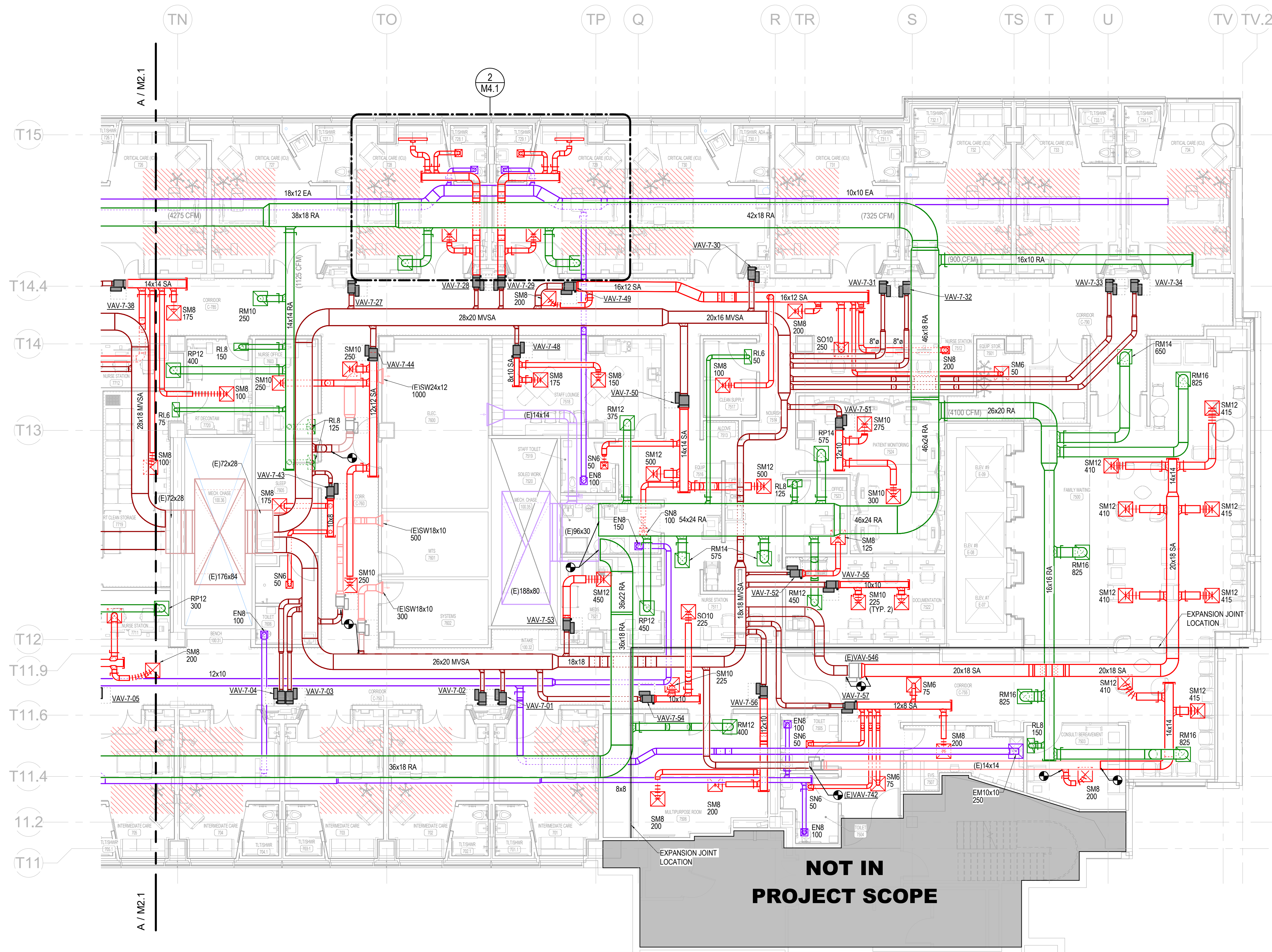
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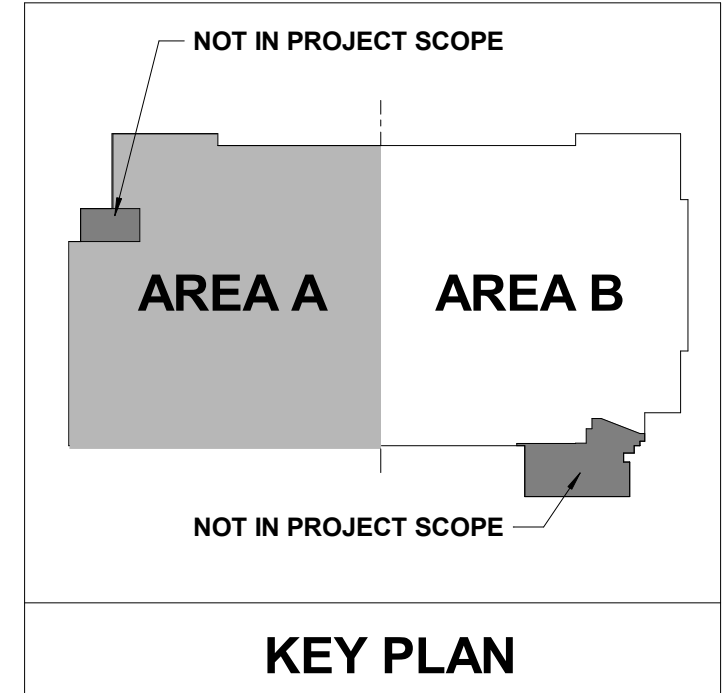
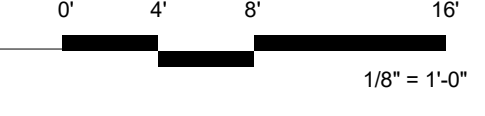
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MECHANICAL PLAN - AREA B



7TH FLOOR
M2.1B



7TH FLOOR MECHANICAL PLAN - AREA B
1/8" = 1'-0"



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MECH. PIPING GENERAL NOTES

1. PIPING ON EXTERIOR WALLS OR PRE-CAST CONCRETE WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
2. AVOID ROUTING PIPING OVER ELECTRICAL ROOMS OR ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
3. PROVIDE FLEXIBLE PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
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5. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
6. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN AN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE. COORDINATE PANEL LOCATIONS WITH ARCHITECT.
7. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILINGS.

Architect's Logo

No.	Date	Description

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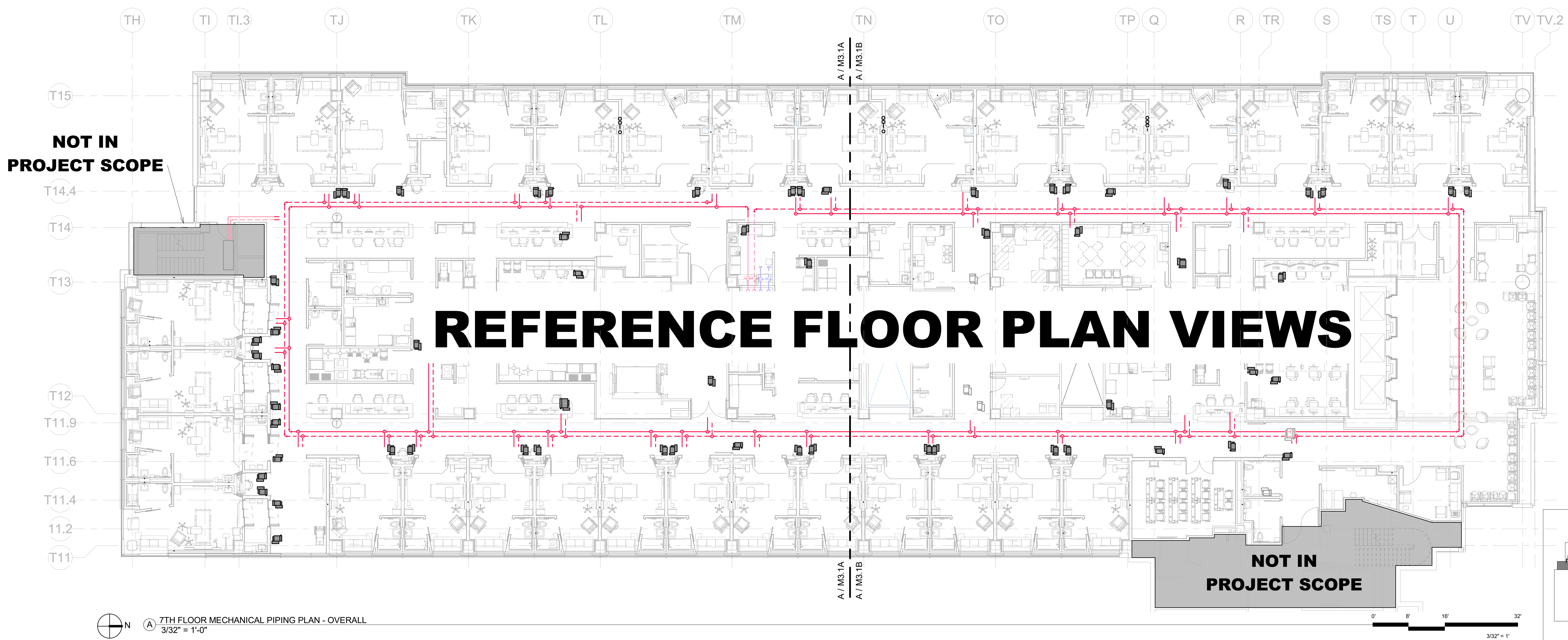
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MECHANICAL PIPING PLAN - OVERALL



Floor No.: 7TH FLOOR
Sheet No.: **M3.1**

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A 7TH FLOOR MECHANICAL PIPING PLAN - OVERALL
3/32" = 1'-0"



1/7/2025 5:31:55 PM Autodesk Docs:JH-AR-MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MIECH_R23.rvt



MECH. PIPING GENERAL NOTES

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SHEET KEYNOTES

Architect Log:

No.	Date	Description

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Step #, Rev:

Rev	Date	Description

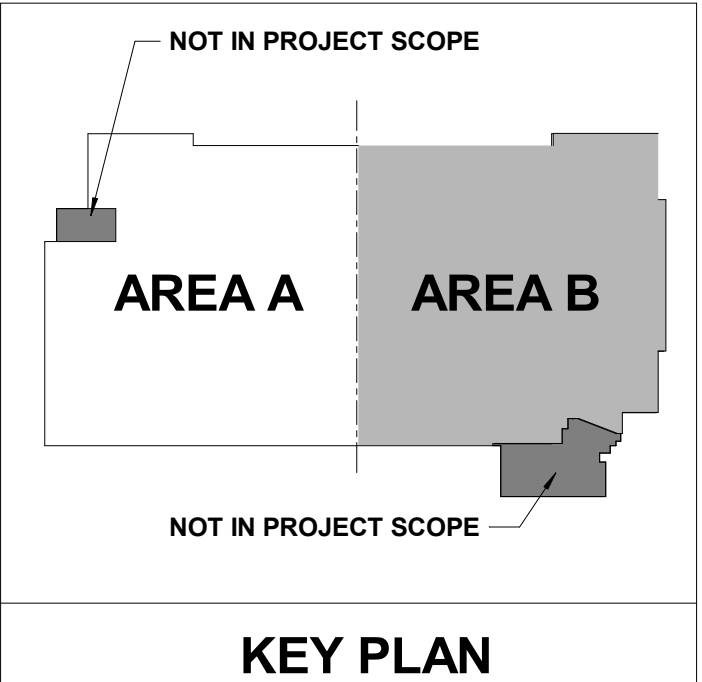
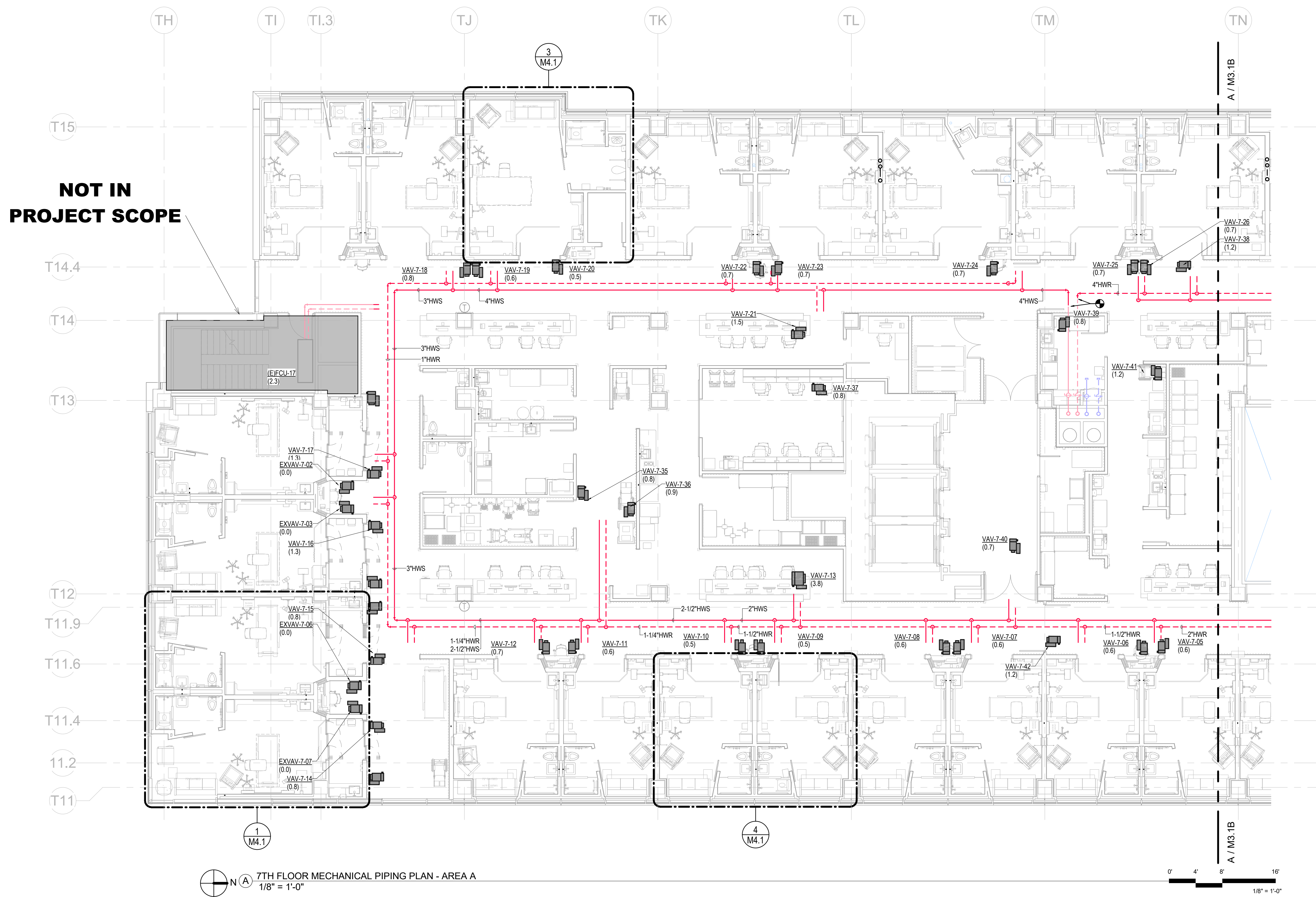
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: **7TH FLOOR MECHANICAL PIPING PLAN - AREA A**



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Floor No: **7TH FLOOR**
Sheet No: **M3.1A**



MECH. PIPING GENERAL NOTES

1. PIPING ON EXTERIOR WALLS OR PRE-CAST CONCRETE WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
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SHEET KEYNOTES

Architect Log:

No.	Date	Description

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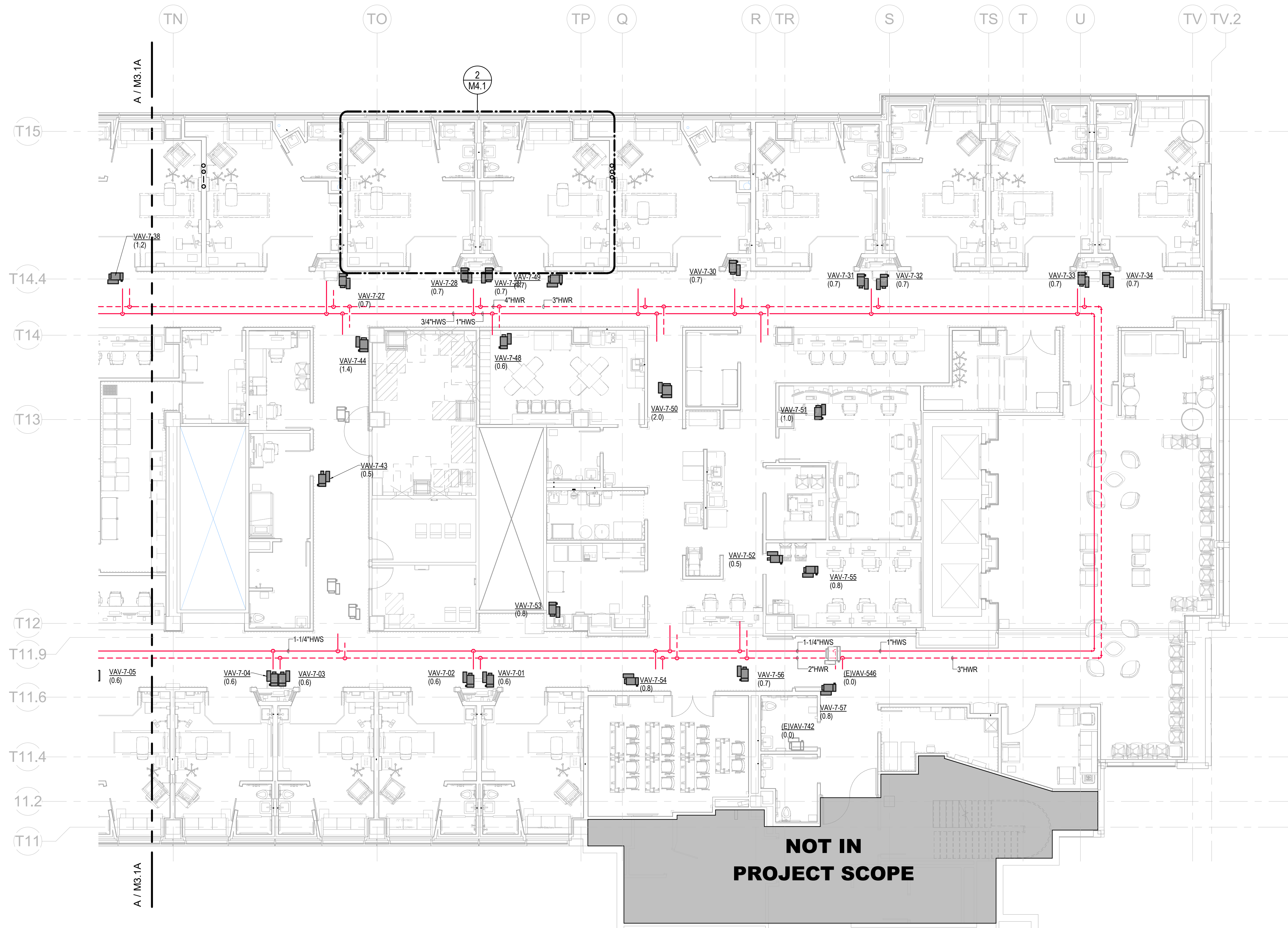
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Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
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2710 RIFE MEDICAL LANE, ROGERS, AR 72758
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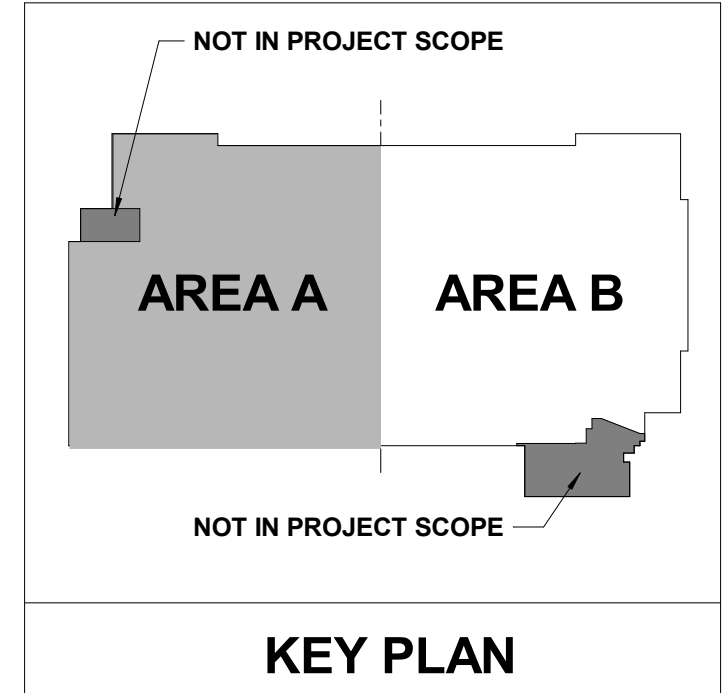


Floor No.: **7TH FLOOR**
Sheet No.: **M3.1B**

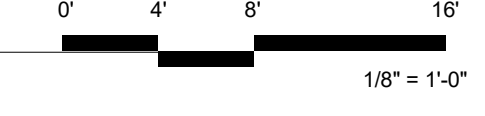
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NOT IN PROJECT SCOPE



7TH FLOOR MECHANICAL PIPING PLAN - AREA B
1/8" = 1'-0"





HVAC GENERAL NOTES

1. DUCT SIZES SHOWN ARE ACTUAL INSIDE CLEAR DIMENSIONS. INSULATION THICKNESS HAS NOT BEEN ACCOUNTED FOR. DUCTWORK EXPOSED TO SPACE SHALL NOT HAVE EXTERIOR INSULATION.
2. T-STATS SHALL BE LOCATED NEXT TO LIGHT SWITCH WITHIN THE ROOM SHOWN. COORDINATE WITH GC AND ELECTRICAL CONTRACTOR TO MATCH HEIGHT AND LOCATION.
3. AVOID ROUTING DUCTWORK OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
4. ALL SUPPLY AND EXHAUST AIR BRANCHES FOR DIFFUSERS OR GRILLES SHALL HAVE MANUAL BALANCE DAMPERS. RETURN AIR BRANCHES SHALL HAVE MANUAL BALANCE DAMPERS. FOR PLAN CLARITY, NOT ALL DAMPERS MAY BE SHOWN. WHERE HARD LID CEILINGS PREVENT BALANCE DAMPER ACCESS, CONFIRM WITH GRD SCHEDULE OR WITH ENGINEER TO USE ODDS OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
5. REFER TO CEILING ALLOCATION DETAIL FOR INSTALLATION ELEVATIONS OF DUCTWORK WITHIN THE CEILING SPACE.
6. PROVIDE FLEXIBLE DUCT AND PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
7. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE. LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT AND THE LOCATIONS OF THE EQUIPMENT THEY SERVE.
8. REFER TO GRD SCHEDULE FOR DUCT CONNECTION SIZES. REFER TO TERMINAL BOX SCHEDULE FOR INLET DUCT SIZES.
9. CEILING COORDINATION OF ALL MEP SYSTEMS (LIGHTING, DUCTWORK, DIFFUSERS, ELECTRICAL, ETC.) MUST BE COMPLETED BY THE CONTRACTOR PRIOR TO THE START OF ANY NEW INSTALLATION.

No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:32:56 PM
NOT FOR CONSTRUCTION

Sheet No.:

Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR MECHANICAL PLANS - ENLARGED PAT. ROOMS



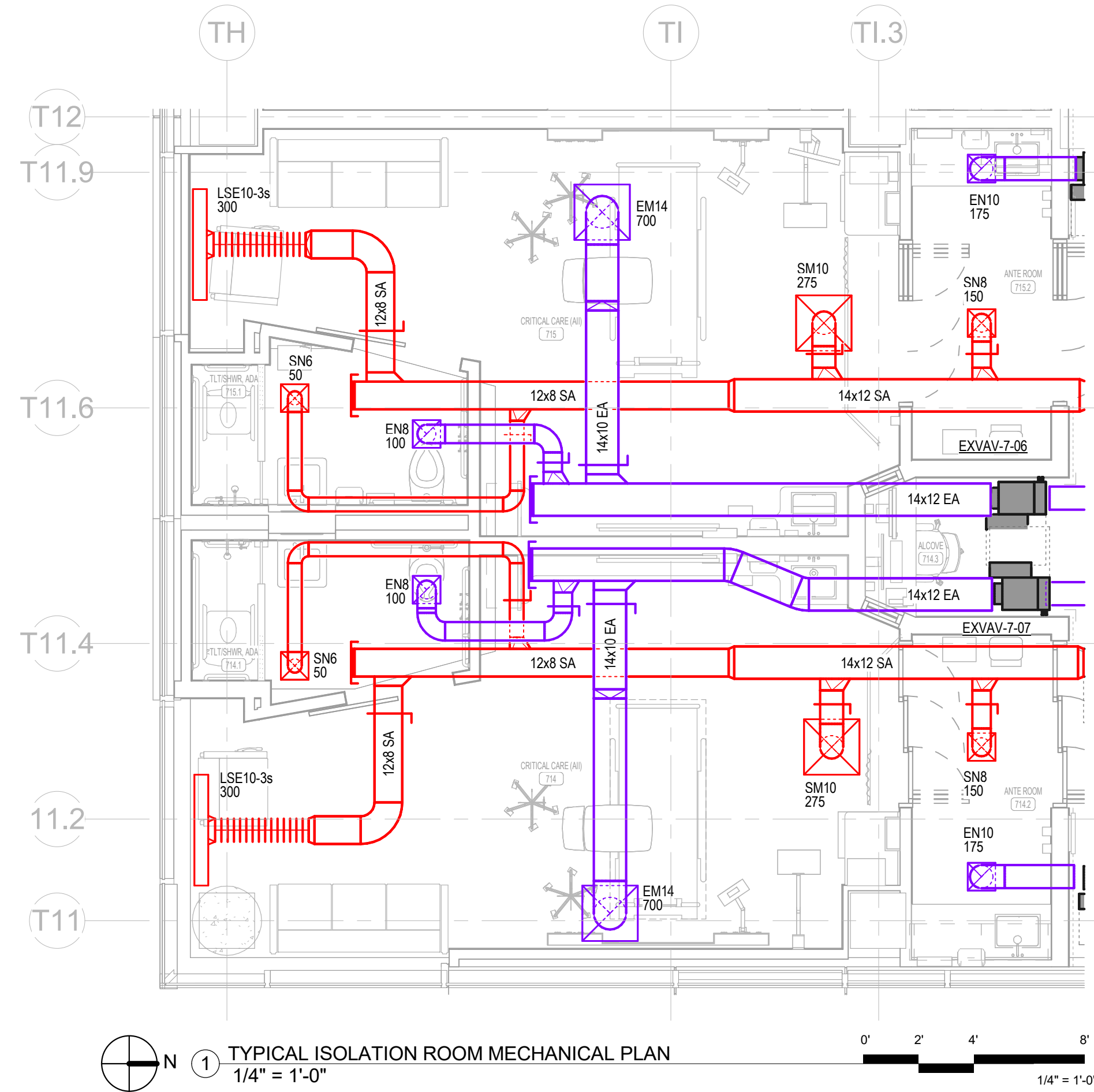
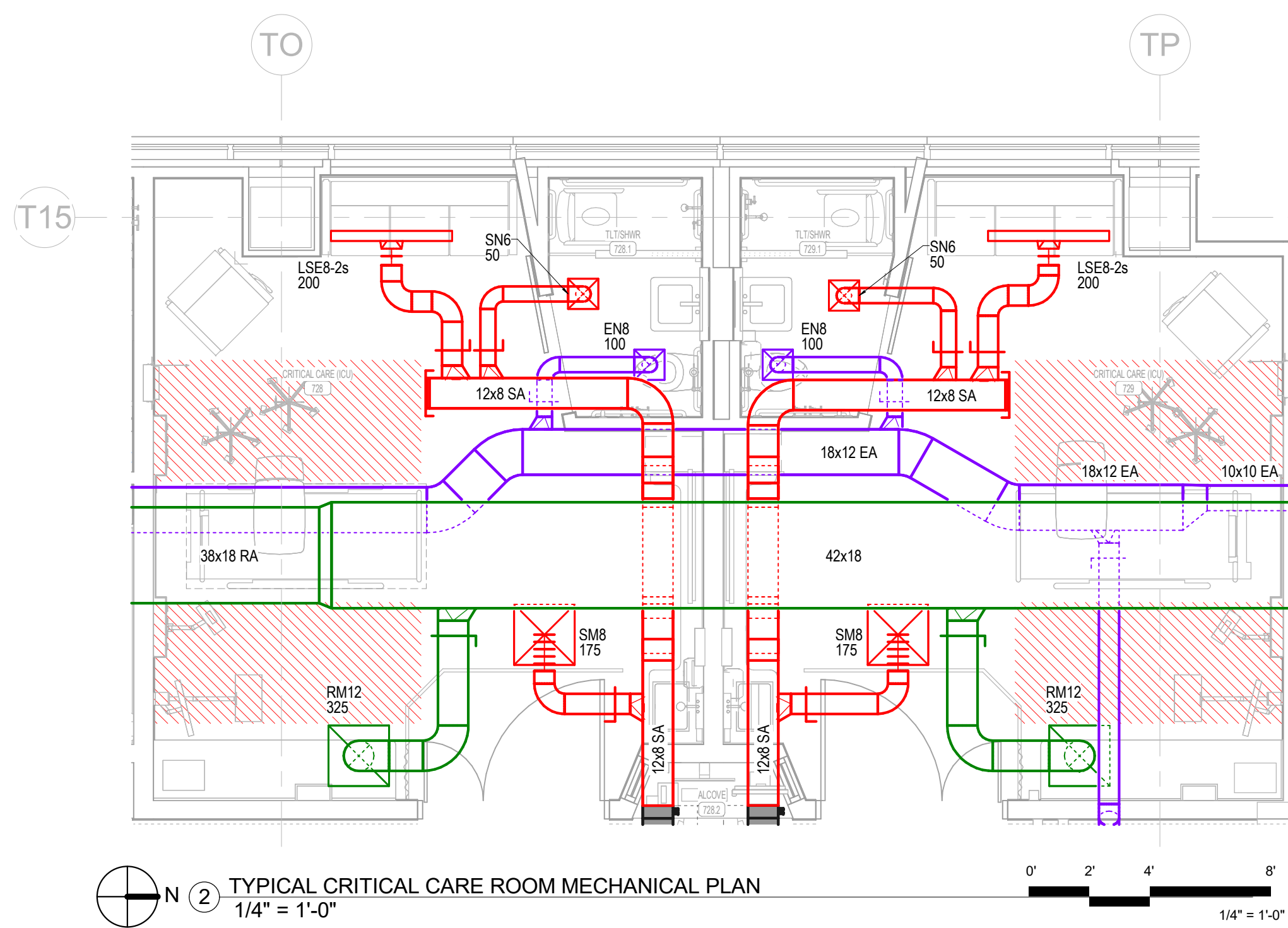
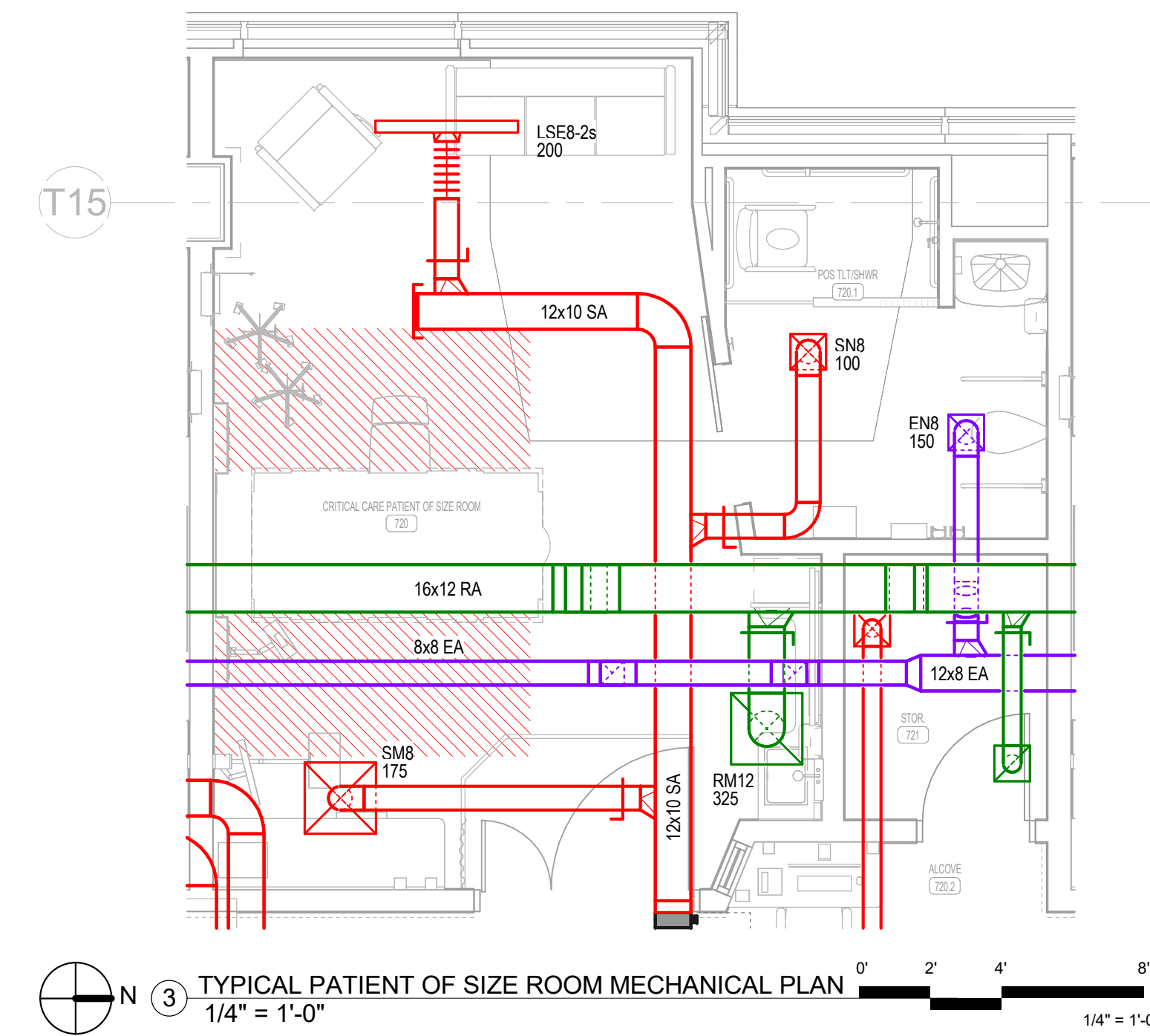
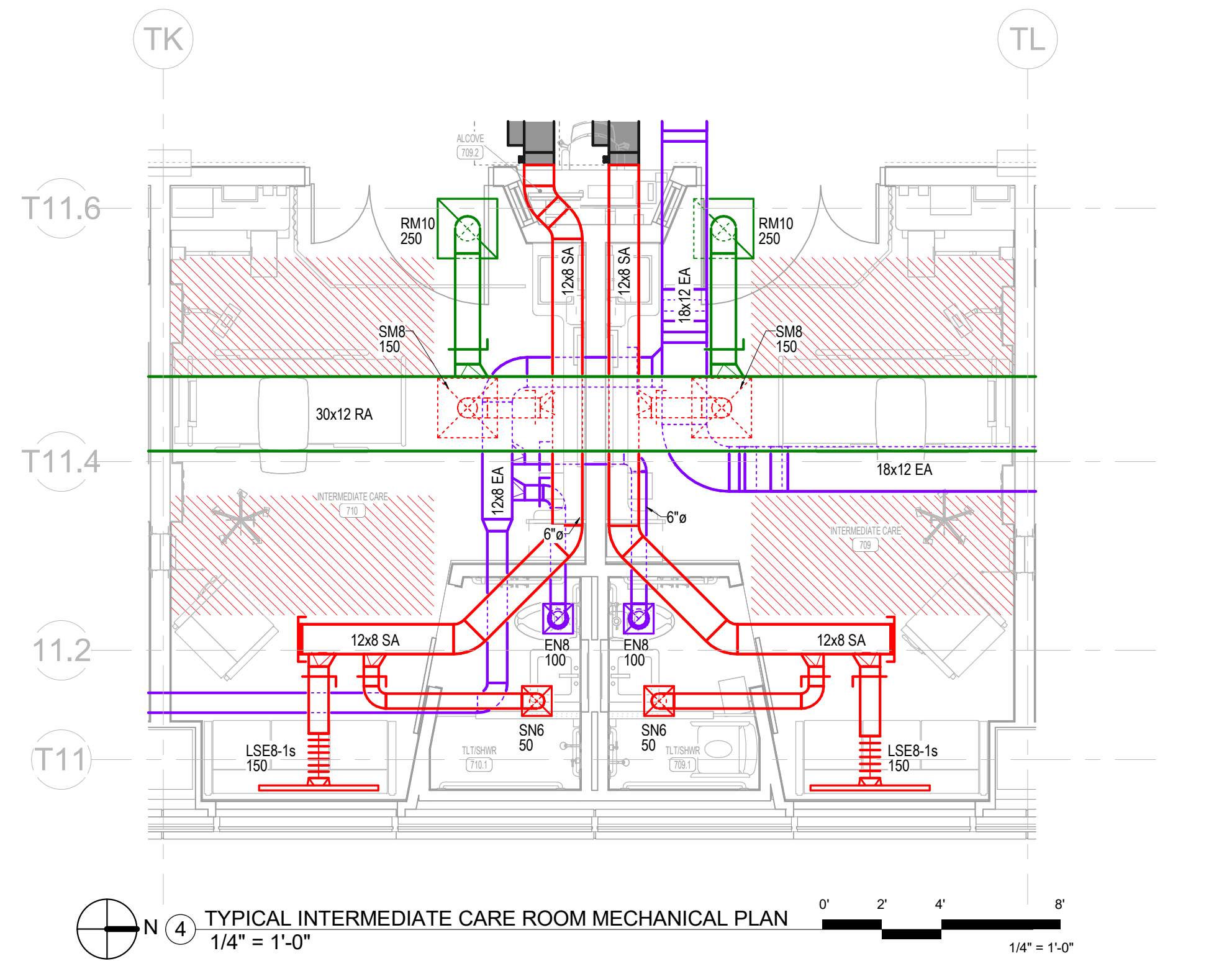
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1024 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-688-5400 www.mepc.com
PEC PROJECT NUMBER: 240179J000 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026

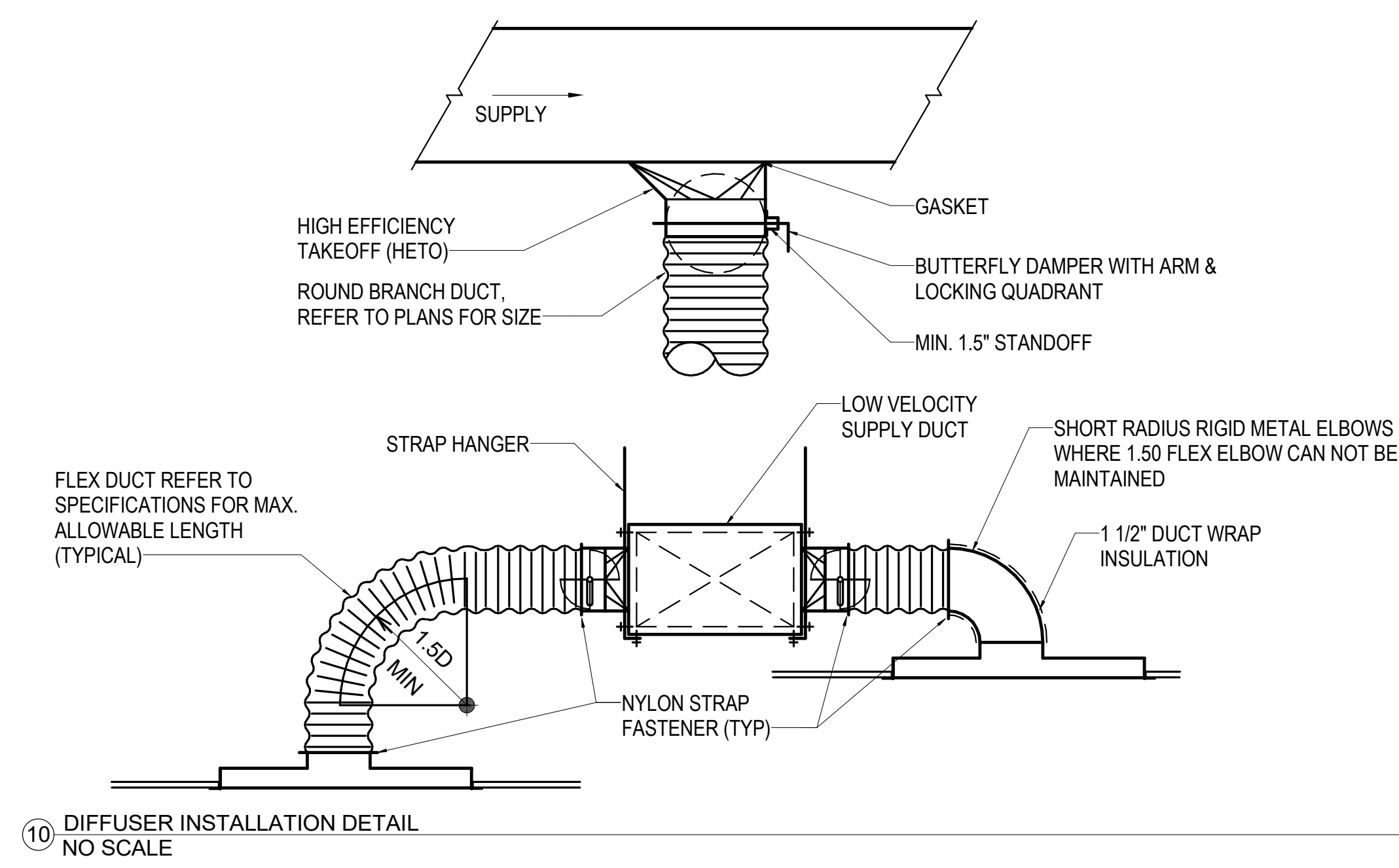


7TH FLOOR

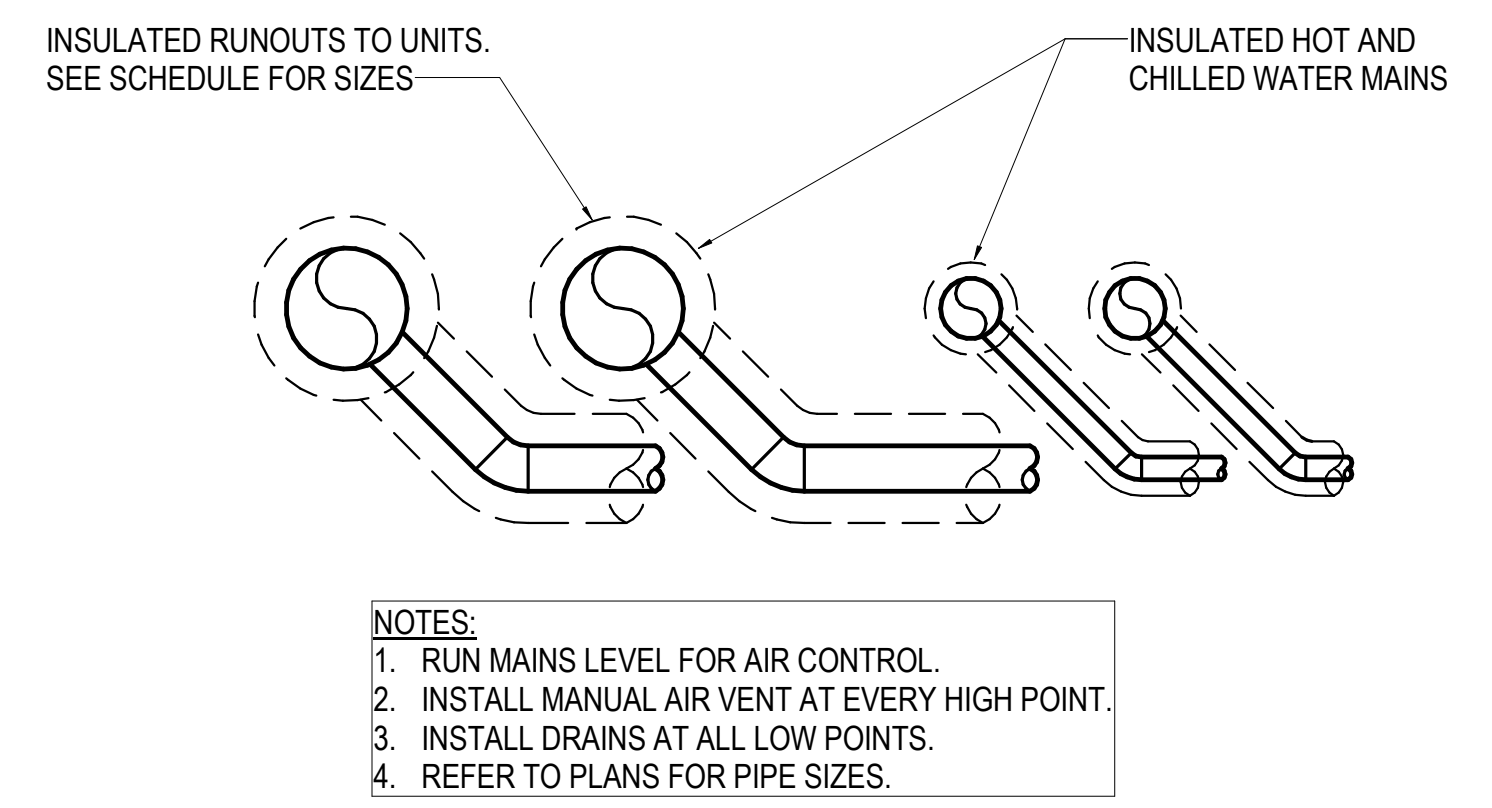
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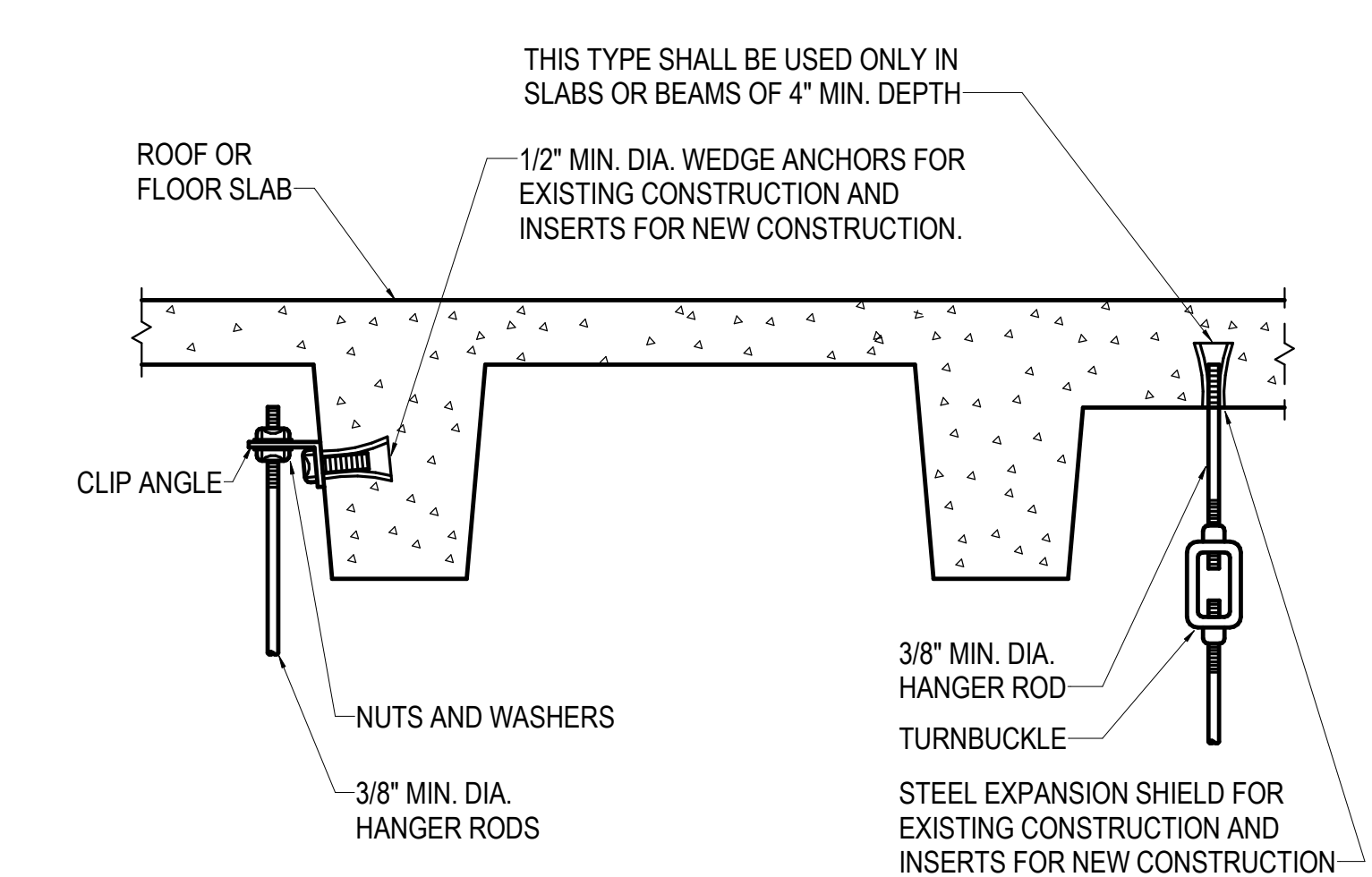




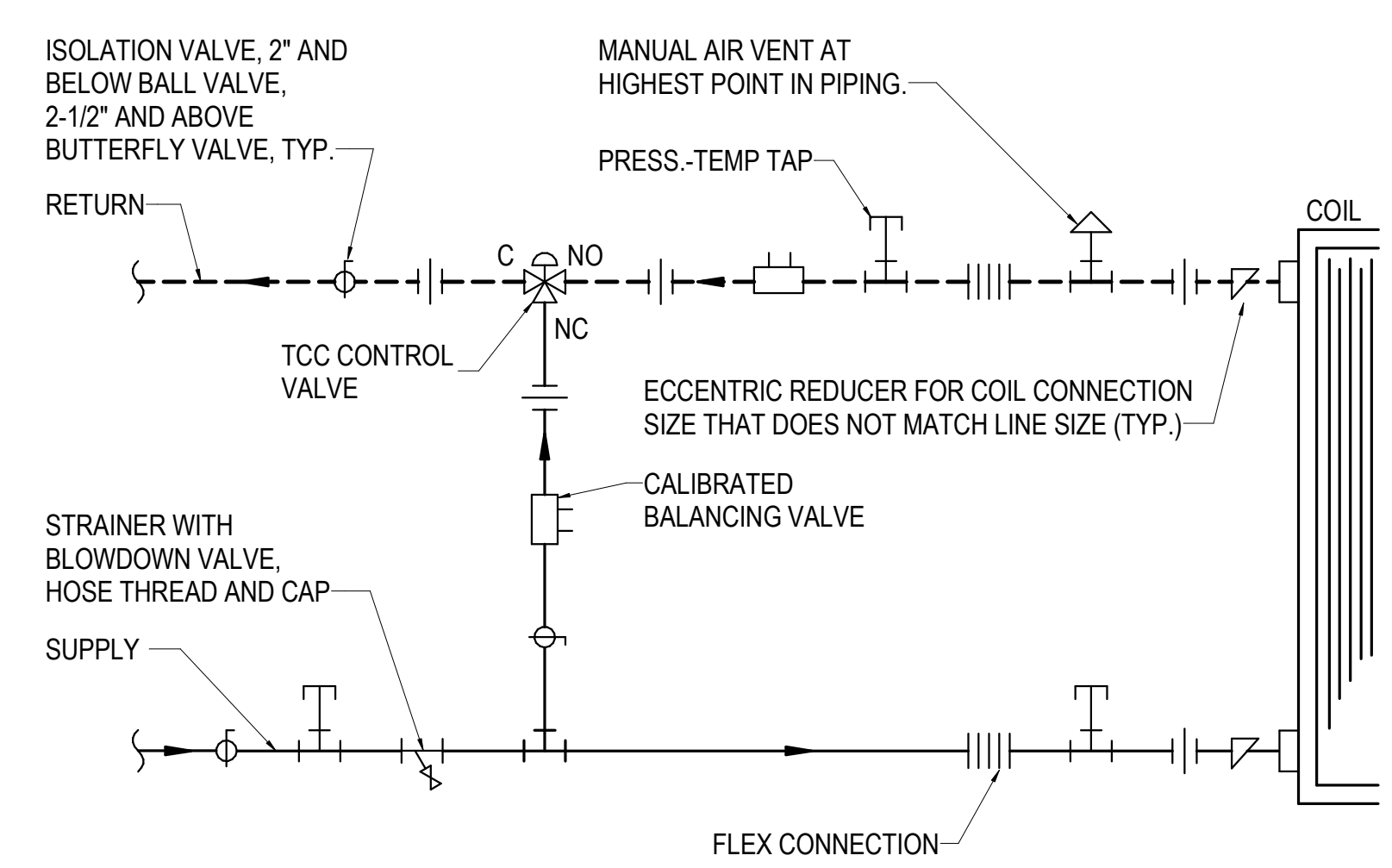
10 DIFFUSER INSTALLATION DETAIL
NO SCALE



9 HYDRONIC PIPING RUNOUT DETAIL
NO SCALE

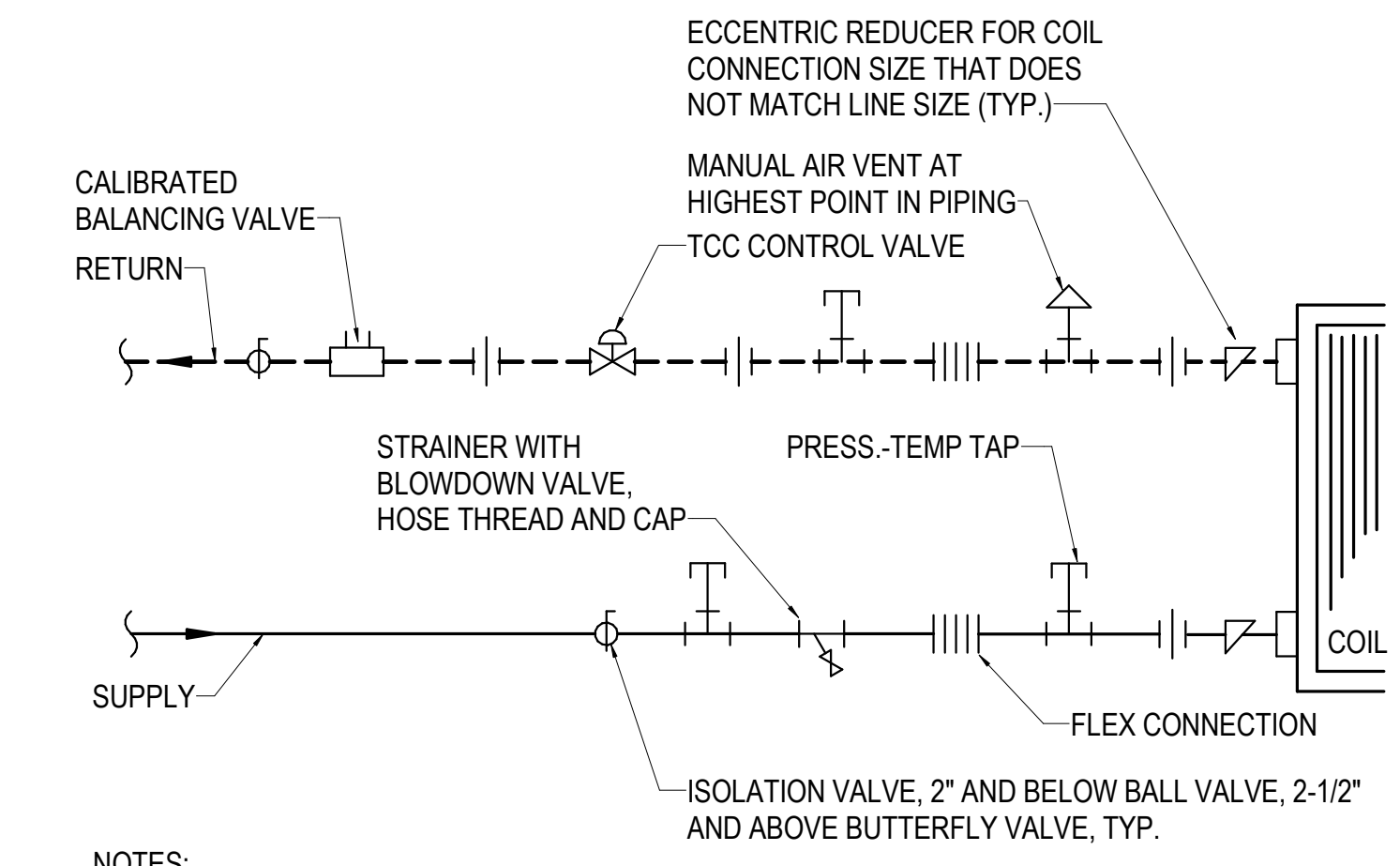


8 HANGER ROD DETAIL - TO CAST
NO SCALE



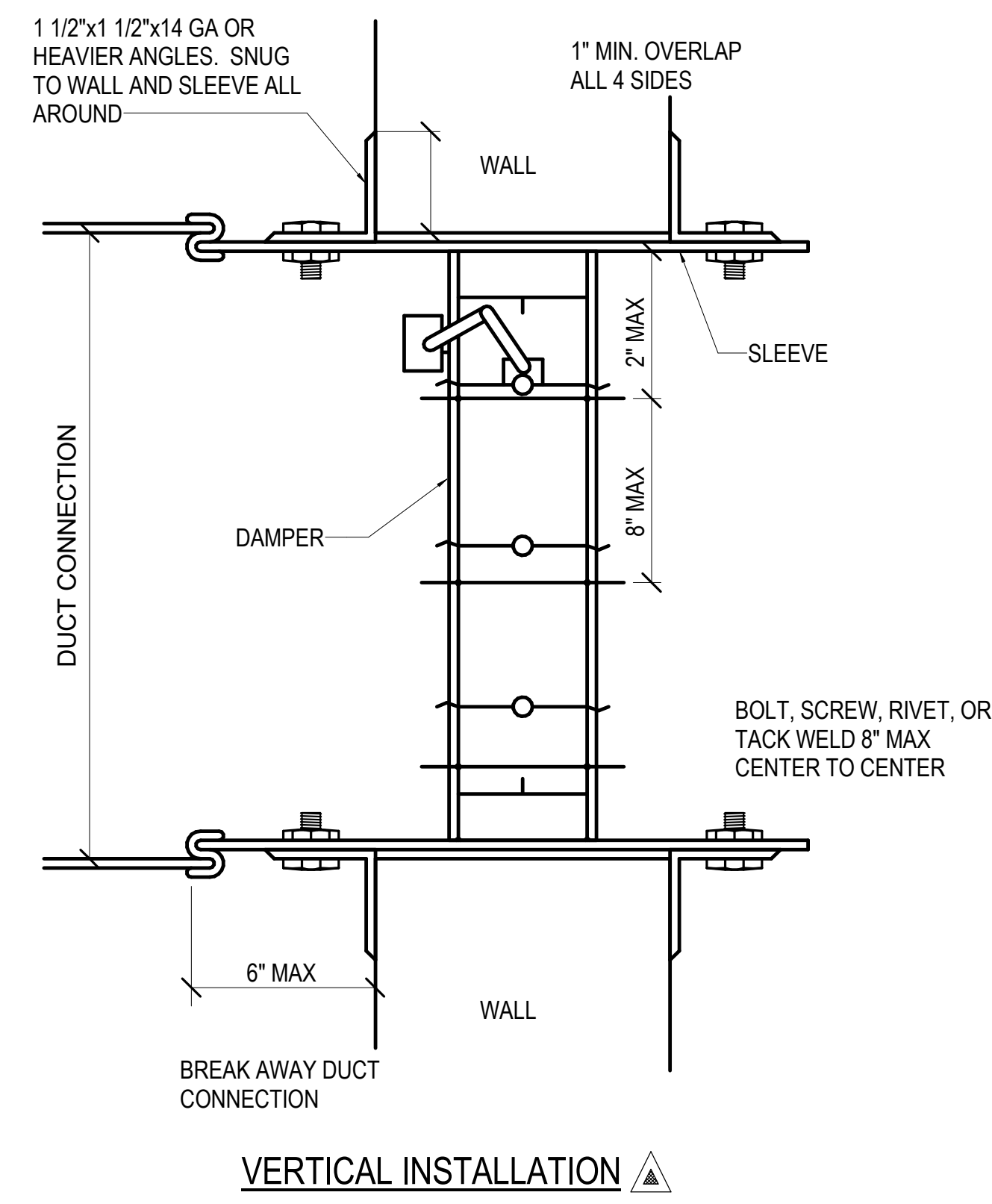
- NOTES:
1. COIL PIPING AND CONTROL VALVE TYPE FOR DIVERTING FLOW.
 2. FLEXIBLE PIPE CONNECTOR REQUIRED FOR EQUIPMENT CONTAINING FANS OR COMPRESSORS, BUT NOT REQUIRED FOR EQUIPMENT SUCH AS DUCT COILS. BRAIDED STAINLESS OR COPPER ONLY, NO RUBBER ALLOWED. MAX LENGTH OF 6 INCHES.
 3. PIPE ALL MULTI-ROW COILS FOR COUNTERFLOW (WATER ENTERS MOST DOWNSTREAM COIL, LEAVES MOST UPSTREAM COIL).
 4. REFER TO CONTROLS DRAWINGS FOR ADDITIONAL INFORMATION.
 5. 2-WAY VALVE NORMALLY OPEN FOR HEATING AND NORMALLY CLOSED FOR COOLING.
 6. CONFIRM SUPPLY AND RETURN CONNECTION LOCATIONS WITH EQUIPMENT MANUFACTURER'S LITERATURE PRIOR TO INSTALLATION.
 7. MEET MANUFACTURER'S REQUIREMENTS FOR ACTUATOR CLEARANCES AND STEM ORIENTATION.
 8. COORDINATE PIPING LOCATION WITH EQUIPMENT ACCESS DOORS, ELECTRICAL JUNCTION BOXES AND DRAIN PIPING.
 9. HYDRONIC PIPING SHALL BE MAINTAINED FULL SIZE UP TO COIL CONNECTIONS. SHUT-OFF VALVES, STRAINERS, BALANCE VALVES, ETC. WILL NOT BE ALLOWED TO REDUCE FROM LINE SIZE. CONTROL VALVES MAY BE DOWN SIZED FOR FLOW RATE, BUT NOT TO EXCEED 4 PSIG PRESSURE DROP AT DESIGN FLOW.

7 TERMINAL UNIT COIL PIPING - 3-WAY
NO SCALE



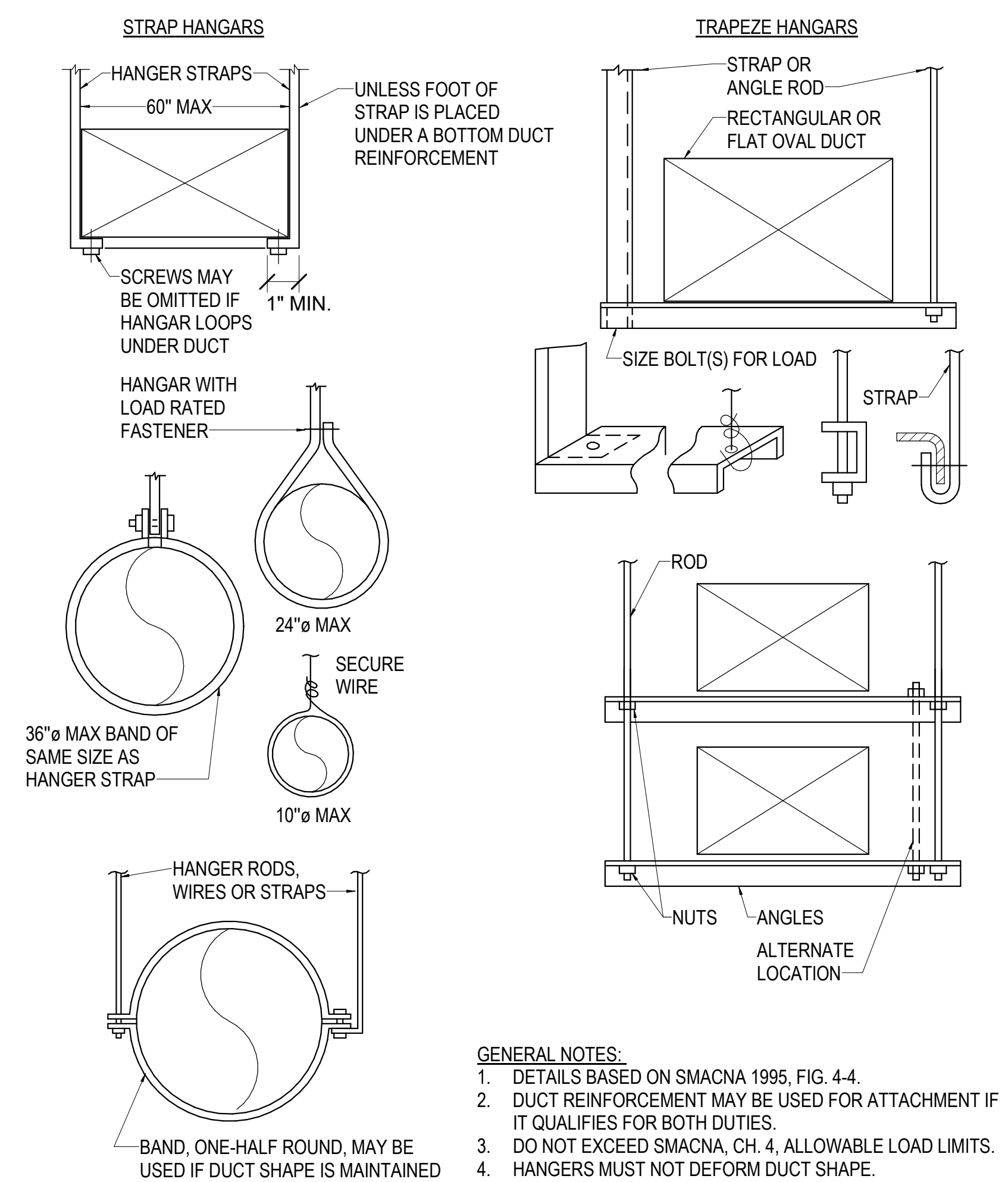
- NOTES:
1. FLEXIBLE PIPE CONNECTOR REQUIRED FOR EQUIPMENT CONTAINING FANS OR COMPRESSORS, BUT NOT REQUIRED FOR EQUIPMENT SUCH AS DUCT COILS. BRAIDED STAINLESS OR COPPER ONLY, NO RUBBER ALLOWED. MAX LENGTH OF 6 INCHES.
 2. PIPE ALL MULTI-ROW COILS FOR COUNTERFLOW (WATER ENTERS MOST DOWNSTREAM COIL, LEAVES MOST UPSTREAM COIL).
 3. REFER TO CONTROLS DRAWINGS FOR ADDITIONAL INFORMATION.
 4. 2-WAY VALVE NORMALLY OPEN FOR HEATING AND NORMALLY CLOSED FOR COOLING.
 5. CONFIRM SUPPLY AND RETURN CONNECTION LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
 6. MEET MANUFACTURER'S REQUIREMENTS FOR ACTUATOR CLEARANCES AND STEM ORIENTATION.
 7. COORDINATE PIPING LOCATION WITH EQUIPMENT ACCESS DOORS, ELECTRICAL JUNCTION BOXES AND DRAIN PIPING.
 8. HYDRONIC PIPING SHALL BE MAINTAINED FULL SIZE UP TO COIL CONNECTIONS. SHUT-OFF VALVES, STRAINERS, BALANCE VALVES, ETC. WILL NOT BE ALLOWED TO REDUCE FROM LINE SIZE. CONTROL VALVES MAY BE DOWN SIZED FOR FLOW RATE, BUT NOT TO EXCEED 4 PSIG PRESSURE DROP AT DESIGN FLOW.

6 COIL PIPING DETAIL - TERMINAL UNIT-2-WAY
NO SCALE

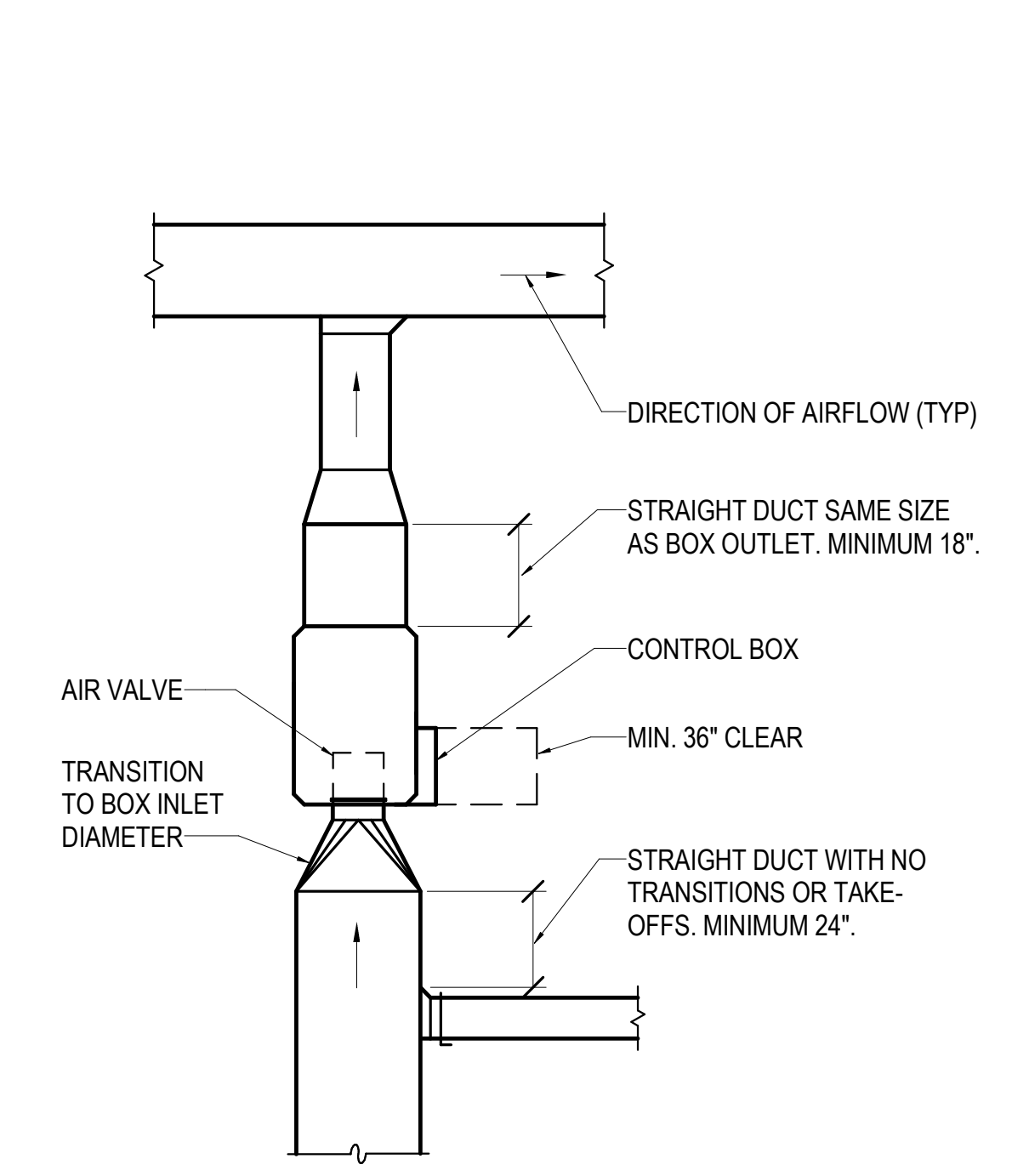


- NOTES:
1. OPENINGS IN FLOOR OR WALL SHALL BE 1/4\"/>

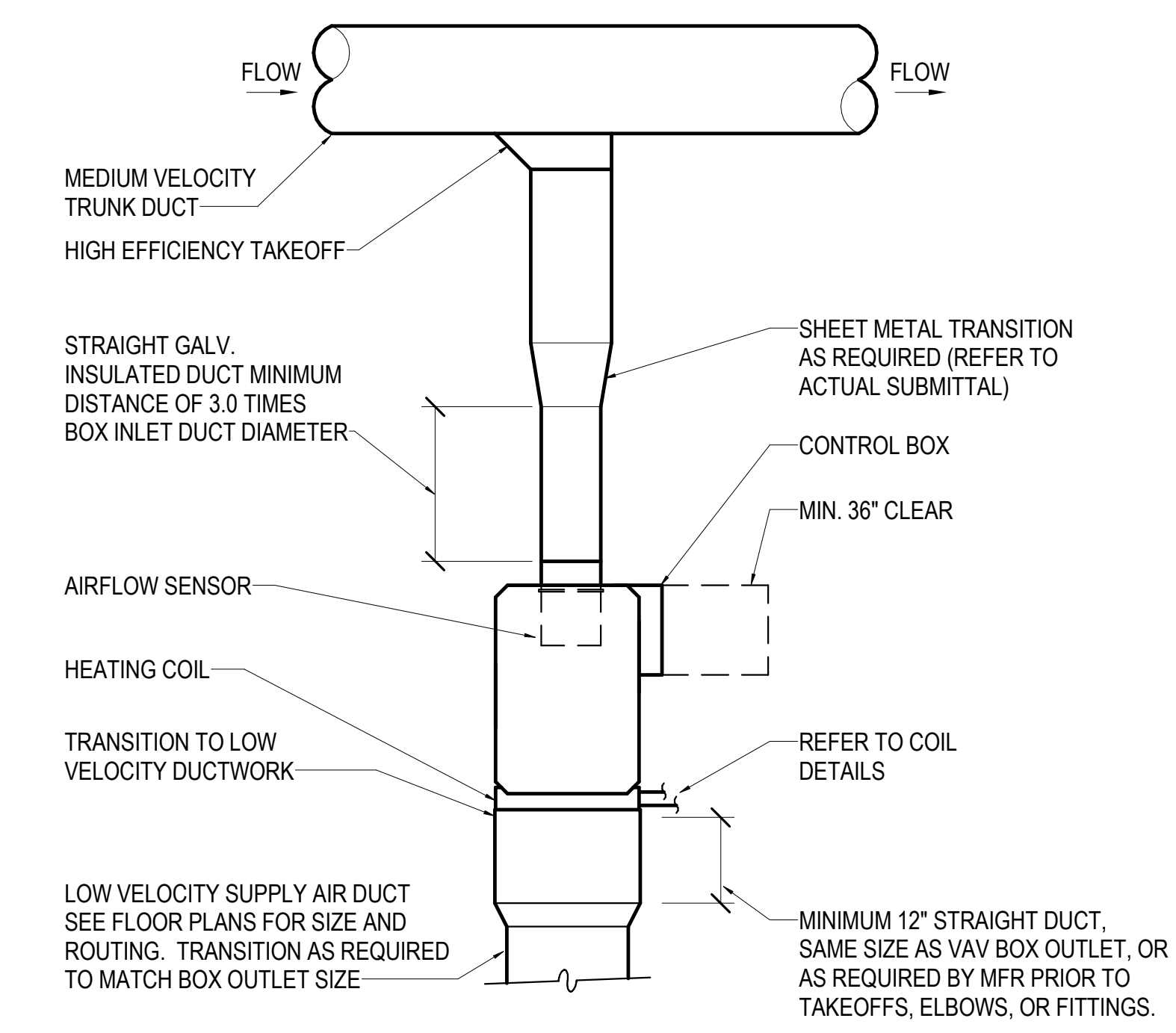
5 DAMPER INSTALLATION DETAIL - FIRE/SMOKE
NO SCALE



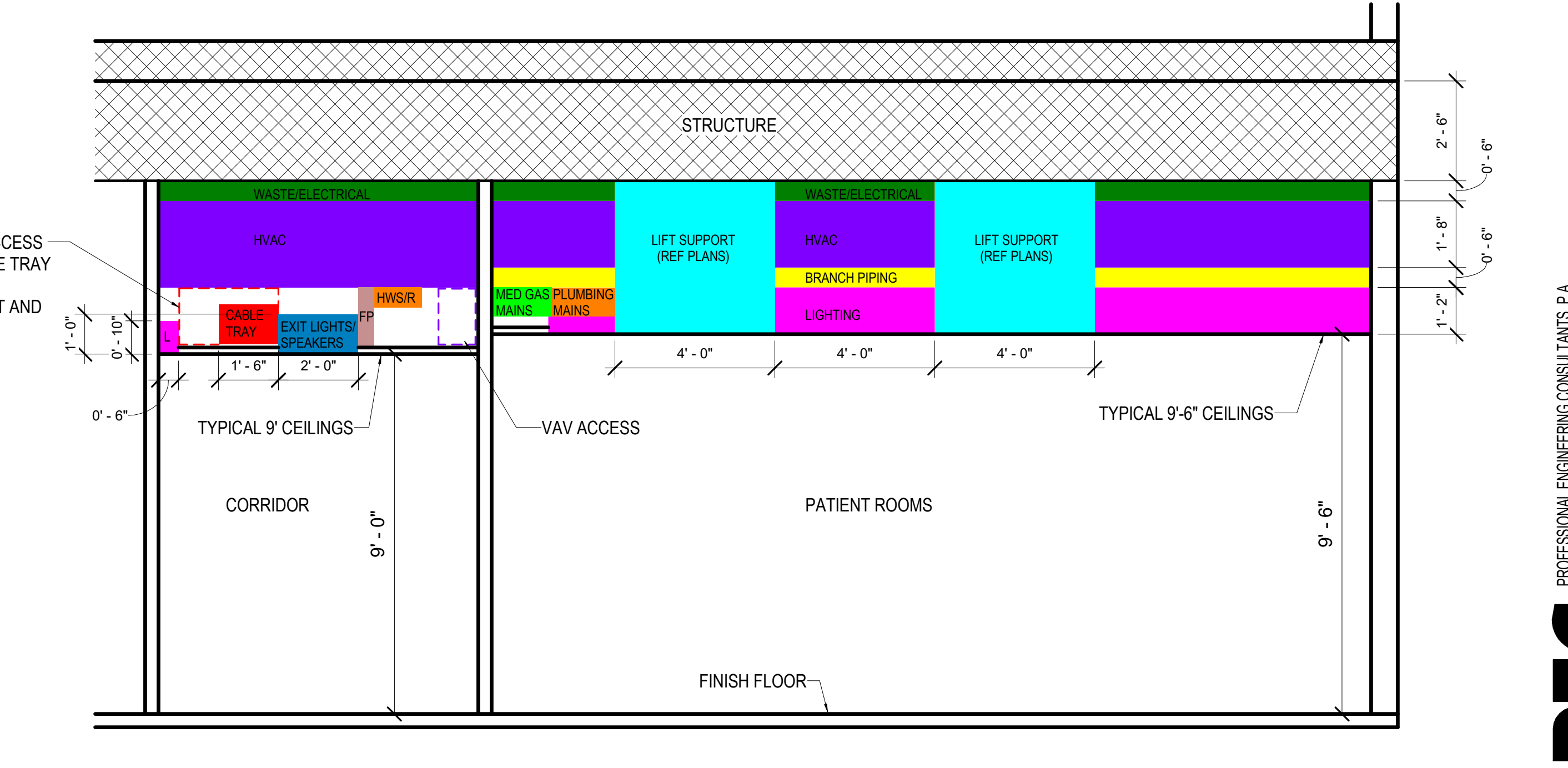
4 EXHAUST FAN DETAIL - IN-LINE
NO SCALE



3 TERMINAL UNIT DETAIL - EXHAUST
NO SCALE



2 TERMINAL UNIT REHEAT DETAIL
NO SCALE



1 ABOVE CEILING ALLOCATIONS
NO SCALE

No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:33:00 PM
NOT FOR CONSTRUCTION

Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy

M5.1



GRILLE, REGISTER, AND DIFFUSER SCHEDULE

FIRST LETTER IN MARK:		NOTES:									
S	= SUPPLY DIFFUSER	1. PROVIDE SQUARE TO ROUND ADAPTERS AS REQUIRED TO ACCOMMODATE ROUND RUNOUTS.									
R	= RETURN GRILLE	2. PROVIDE ALL LAY-IN GRDs WITH 24x24 LAY-IN PANEL AS REQUIRED.									
P	= PLENUM RETURN GRILLE	3. FINISH TO BE WHITE UNLESS OTHERWISE SPECIFIED. COORDINATE AND VERIFY ALL FINISHES WITH ARCHITECT.									
E	= EXHAUST GRILLE	4. ALL SELECTIONS ARE BASED ON A MAXIMUM NC OF 25 UNLESS NOTED OTHERWISE.									
L	= SLOT DIFFUSER	5. CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND ASSOCIATED BORDER TYPES.									
M	= LAMINAR FLOW SUPPLY DIFFUSER	6. MARKS USED MAY NOT BE IN SEQUENCE.									
C	= SECURITY GRILLE	7. LOUVERED GRILLES TO HAVE FRONT BLADES PARALLEL TO LONG DIMENSION UNLESS WALL MOUNTED.									
U	= FLOOR MOUNTED SUPPLY GRILLE	8. WALL MOUNTED LOUVERED GRILLES TO HAVE FRONT BLADES PARALLEL TO FLOOR.									

MARK	TYPE	IMAGE	BASED ON		MOUNT	PANEL SIZE (FACE SIZE)	MATERIAL	BLADE SPACING / SLOT WIDTH	DEFLECTION	COLOR	REMARKS
			MFR	MODEL							
SM	SUPPLY DIFFUSER		TITUS	TMS-AA	LAY-IN	24x24	ALUMINUM	--	--	WHITE	LOUVERED FACE
SN	SUPPLY DIFFUSER		TITUS	TMS-AA	SURFACE	12x12	ALUMINUM	--	--	WHITE	LOUVERED FACE
SO	SUPPLY DIFFUSER		TITUS	TMS-AA	SURFACE	24x24	ALUMINUM	--	--	WHITE	LOUVERED FACE
LSE	SLOT DIFFUSER		TITUS	TBDI-80	LAY-IN	48" WIDTH	ALUMINUM	1"	--	WHITE	SEE PLANS FOR SLOT QTY
RL	RETURN GRILLE		TITUS	45F	LAY-IN	24x12 (22x10)	ALUMINUM	--	45°	WHITE	--
RM	RETURN GRILLE		TITUS	45F	LAY-IN	24x24 (22x22)	ALUMINUM	--	45°	WHITE	--
RN	RETURN GRILLE		TITUS	45F	SURFACE	12x12 (10x10)	ALUMINUM	--	45°	WHITE	--
RP	RETURN GRILLE		TITUS	45F	SURFACE	24x24 (22x22)	ALUMINUM	--	45°	WHITE	--
EM	EXHAUST GRILLE		TITUS	45F	LAY-IN	24x24 (22x22)	ALUMINUM	--	45°	WHITE	--
EN	EXHAUST GRILLE		TITUS	45F	SURFACE	12x12 (10x10)	ALUMINUM	--	45°	WHITE	--
EP	EXHAUST GRILLE		TITUS	45F	SURFACE	24x24 (22x22)	ALUMINUM	--	45°	WHITE	--

TERMINAL UNIT SCHEDULE

REMARKS:

- ALL TERMINAL UNITS SHALL BE PROVIDED WITH FLOW-RING SERVICE 'T'.
- ALL TERMINAL UNITS FOR USE IN HEALTHCARE APPLICATIONS SHALL BE PROVIDED WITH FIBER FREE STERIOLOC LINER. UNLESS INDICATED OTHERWISE.
- ALL ELECTRIC TERMINAL UNITS SHALL BE PROVIDED WITH INDEPENDENT DISCONNECT SWITCH AND FUSE BLOCK BY EQUIPMENT MANUFACTURER.

MARK	BASED ON		UNIT SIZE	INLET SIZE (INCH)	PRIMARY AIRFLOW		OP SP (IN WC)	MAX NC RAD	HEATING COIL												ELEC		LINER TYPE	REMARKS
	MFR	MODEL			MAX (CFM)	MIN (CFM)			AIR				HOT WATER COIL							VOLT	PHASE			
									CFM	EAT (°F)	LAT (°F)	CAP. (MBH)	EWT (°F)	LWT (°F)	APD (IN WG)	FLOW (GPM)	WPD (FT H2O)	ROWS	FPI			S & R RUNOUT SIZE (INCH)		
EXVAV-7-01	TUTTLE & BAILEY	RRV	10	10"	175	175	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-02	TUTTLE & BAILEY	RRV	9	9"	800	800	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-03	TUTTLE & BAILEY	RRV	9	9"	800	800	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-04	TUTTLE & BAILEY	RRV	10	10"	175	175	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-05	TUTTLE & BAILEY	RRV	10	10"	175	175	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-06	TUTTLE & BAILEY	RRV	9	9"	800	800	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-07	TUTTLE & BAILEY	RRV	9	9"	800	800	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-08	TUTTLE & BAILEY	RRV	10	10"	175	175	1	30	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
VAV-7-01	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-02	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-03	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-04	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-05	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-06	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-07	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-08	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-09	TITUS	DESV	5	5"	200	60	1	30	100	55	90	3.4	140	120	0.08	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-10	TITUS	DESV	5	5"	200	60	1	30	100	55	90	3.4	140	120	0.08	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-11	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-12	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-13	TITUS	DESV	16	16"	2225	668	1	30	1113	55	90	38	140	120	0.4	3.8	1.46	2	10	1"	120	1	STERIOLOC	1
VAV-7-14	TITUS	DESV	8	8"	475	143	1	30	238	55	90	8.1	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-15	TITUS	DESV	8	8"	475	143	1	30	238	55	90	8.1	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-16	TITUS	DESV	9	9"	775	233	1	30	388	55	90	13.2	140	120	0.27	1.3	0.47	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-17	TITUS	DESV	9	9"	775	233	1	30	388	55	90	13.2	140	120	0.27	1.3	0.47	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-18	TITUS	DESV	8	8"	450	135	1	30	225	55	90	7.7	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-19	TITUS	DESV	6	6"	350	105	1	30	175	55	90	6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-20	TITUS	DESV	6	6"	275	83	1	30	138	55	90	4.7	140	120	0.16	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-21	TITUS	DESV	9	9"	900	270	1	30	450	55	90	15.4	140	120	0.33	1.5	0.47	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-22	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-23	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-24	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-25	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-26	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-27	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-28	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-29	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-30	TITUS	DESV	8	8"	425	128	1	30	213	55	90	7.3	140	120	0.23	0.7	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-31	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-32	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-33	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-34	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-35	TITUS	DESV	8	8"	450	135	1	30	225	55	90	7.7	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-36	TITUS	DESV	8	8"	500	150	1	30	250	55	90	8.5	140	120	0.23	0.9	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-37	TITUS	DESV	8	8"	475	143	1	30	238	55	90	8.1	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-38	TITUS	DESV	8	8"	675	203	1	30	338	55	90	11.5	140	120	0.41	1.2	1.4	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-39	TITUS	DESV	8	8"	450	135	1	30	225	55	90	7.7	140	120	0.23	0.8	0.17	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-40	TITUS	DESV	6	6"	400	120	1	30	200	55	90	6.8	140	120	0.26	0.7	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-41	TITUS	DESV	8	8"	700	210	1	30	350	55	90	12	140	120	0.41	1.2	1.4	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-42	TITUS	DESV	8	8"	700	210	1	30	350	55	90	12	140	120	0.41	1.2	1.4	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-43	TITUS	DESV	5	5"	225	68	1	30	113	55	90	3.8	140	120	0.12	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1
VAV-7-44	TITUS	DESV	9	9"	800	240	1	30	400	55	90	13.7	140	120										

HVAC DESIGN CONDITIONS

REMARKS:
 1. BASED ON 2008 & 2017 ASHRAE 170. CLIMATE ZONE (ASHRAE 90.1-2022): 4A
 2. WEATHER DATA BASED ON BENTONVILLE, AR, USA (WMO: 723444)
 COOLING DESIGN DAY
 0.4% DB: 95.3
 0.4% MCVB: 75.1
 DEHUMIDIFICATION DESIGN DAY
 0.4% DP: 73.5
 0.4% HR: 130.7
 HEATING DESIGN DAY
 10.1
 99.6% HR: 10.1
 EVAPORATION DESIGN DAY
 0.4% WB: 10.1

ROOM NAME	ROOM NUMBER	ASHRAE FUNCTION OF SPACE	CEILING HEIGHT	AREA (SF)	VOLUME (CF)	DESIGN RH %	DESIGN TEMPERATURE	PRESSURE REQUIREMENTS		MIN ACHR		SA CFM	EA CFM	DESIGN ACH	ALL AIR EXHAUST?
								SPACE PRESSURE REQUIREMENT	MIN. PRESSURE DIFFERENTIAL (IN WG)	OA	TOTAL				
BENCH	100.31	Corridor (Patient)	8'-0"	22 SF	176.23 CF	NR	NR	NR		0	2	0	0	0.0	No
INTAKE	100.32	Clean Linen Storage	8'-0"	24 SF	190.74 CF	NR	72-78	(+)		0	2	0	0	0.0	No
INTERMEDIATE CARE	701	Intermediate Care	9'-6"	246 SF	2339.94 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	701.1	Toilet - Patients	8'-0"	34 SF	272.47 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	701.2	Nurse Alcove	8'-0"	9 SF	71.30 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	702	Intermediate Care	9'-6"	239 SF	2267.29 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	702.1	Toilet - Patients	8'-0"	34 SF	273.97 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
INTERMEDIATE CARE	703	Intermediate Care	9'-6"	235 SF	2234.13 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	703.1	Toilet - Patients	8'-0"	34 SF	270.30 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	703.2	Nurse Alcove	8'-0"	9 SF	73.98 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	704	Intermediate Care	9'-6"	238 SF	2264.20 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	704.1	Toilet - Patients	8'-0"	34 SF	273.69 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
INTERMEDIATE CARE	705	Intermediate Care	9'-6"	235 SF	2229.69 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	705.1	Toilet - Patients	8'-0"	34 SF	273.31 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	705.2	Nurse Alcove	8'-0"	9 SF	73.02 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	706	Intermediate Care	9'-6"	238 SF	2262.05 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	706.1	Toilet - Patients	8'-0"	37 SF	294.18 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
INTERMEDIATE CARE	707	Intermediate Care	9'-6"	235 SF	2232.56 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	707.1	Toilet - Patients	8'-0"	34 SF	272.04 CF	NR	NR	(-)		0	10	100	22.1	Yes	
ALCOVE	707.2	Nurse Alcove	8'-0"	9 SF	72.19 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	708	Intermediate Care	9'-6"	239 SF	2268.07 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	708.1	Toilet - Patients	8'-0"	36 SF	291.32 CF	NR	NR	(-)		0	10	100	20.6	Yes	
INTERMEDIATE CARE	709	Intermediate Care	9'-6"	236 SF	2237.86 CF	Max 60	70-75	NR		2	6	300	8.0	No	
TLT/SHWR	709.1	Toilet - Patients	8'-0"	34 SF	269.63 CF	NR	NR	(-)		0	10	50	100	22.3	Yes
ALCOVE	709.2	Nurse Alcove	8'-0"	9 SF	69.69 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	710	Intermediate Care	9'-6"	240 SF	2275.36 CF	Max 60	70-75	NR		2	6	300	7.9	No	
TLT/SHWR	710.1	Toilet - Patients	8'-0"	36 SF	287.45 CF	NR	NR	(-)		0	10	50	100	20.9	Yes
INTERMEDIATE CARE	711	Intermediate Care	9'-6"	235 SF	2228.68 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	711.1	Toilet - Patients	8'-0"	34 SF	274.10 CF	NR	NR	(-)		0	10	0	100	21.9	Yes
ALCOVE	711.2	Nurse Alcove	8'-0"	9 SF	71.68 CF					0	0	0	0	0.0	No
INTERMEDIATE CARE	712	Intermediate Care	9'-6"	272 SF	2585.52 CF	Max 60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	712.1	Toilet - Patients	8'-0"	37 SF	294.61 CF	NR	NR	(-)		0	10	0	100	20.4	Yes
EQUIP. ALCOVE	713	Corridor (Patient)	9'-0"	92 SF	832.04 CF	NR	NR	NR		0	2	0	0	0.0	No
CRITICAL CARE (All)	714	All Isolation Room	9'-6"	338 SF	3207.58 CF	Max 60	70-75	(-)	0.01	2	12	575	700	13.1	Yes
TLT/SHWR, ADA	714.1	Toilet - Patients	8'-0"	53 SF	423.79 CF	NR	NR	(-)		0	10	50	100	14.2	Yes
ANTE ROOM	714.2	All Anteroom	9'-0"	59 SF	535.36 CF	NR	NR	(-)	0.01	0	10	150	175	19.6	Yes
ALCOVE	714.3	Nurse Alcove	8'-0"	36 SF	285.90 CF					0	0	0	0	0.0	No
CRITICAL CARE (All)	715	All Isolation Room	9'-6"	297 SF	2819.99 CF	Max 60	70-75	(-)	0.01	2	12	575	700	14.9	Yes
TLT/SHWR, ADA	715.1	Toilet - Patients	8'-0"	54 SF	428.69 CF	NR	NR	(-)		0	10	50	100	14.0	Yes
ANTE ROOM	715.2	All Anteroom	9'-0"	61 SF	545.33 CF	NR	NR	(-)	0.01	0	10	150	175	19.3	Yes
CRITICAL CARE (All)	716	All Isolation Room	9'-6"	282 SF	2678.71 CF	Max 60	70-75	(-)	0.01	2	12	0	0	0.0	Yes
TLT/SHWR, ADA	716.1	Toilet - Patients	8'-0"	54 SF	435.91 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ANTE ROOM	716.2	All Anteroom	9'-0"	56 SF	505.41 CF	NR	NR	(-)	0.01	0	10	0	0	0.0	Yes
ALCOVE	716.3	Nurse Alcove	8'-0"	36 SF	285.90 CF					0	0	0	0	0.0	No
CRITICAL CARE (All)	717	All Isolation Room	9'-6"	302 SF	2872.66 CF	Max 60	70-75	(-)	0.01	2	12	0	0	0.0	Yes
TLT/SHWR, ADA	717.1	Toilet - Patients	8'-0"	55 SF	439.38 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ANTE ROOM	717.2	All Anteroom	9'-0"	60 SF	543.82 CF	NR	NR	(-)	0.01	0	10	0	0	0.0	Yes
CRITICAL CARE (ICU)	718	Critical and Intensive Care (ICU)	9'-6"	285 SF	2711.46 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	718.1	Toilet - Patients	8'-0"	37 SF	292.45 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	718.2	Nurse Alcove	8'-0"	9 SF	72.64 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	719	Critical and Intensive Care (ICU)	9'-6"	287 SF	2730.05 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	719.1	Toilet - Patients	8'-0"	37 SF	294.31 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
CRITICAL CARE PATIENT OF SIZE ROOM	720	Critical and Intensive Care (ICU)	9'-6"	349 SF	3315.31 CF	30-60	70-75	NR		2	6	375	0	6.8	No
POS TLT/SHWR	720.1	Toilet - Patients	8'-0"	85 SF	680.96 CF	NR	NR	(-)		0	10	100	150	13.2	Yes
ALCOVE	720.2	Nurse Alcove	8'-0"	17 SF	134.50 CF					0	0	0	0	0.0	No
STOR.	721	Sterile Storage Room	9'-6"	43 SF	407.07 CF	Max 60	Max 75	(+)		2	4	50	0	7.4	No
CRITICAL CARE (ICU)	722	Critical and Intensive Care (ICU)	9'-6"	318 SF	3022.75 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	722.1	Toilet - Patients	8'-0"	38 SF	302.12 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	722.2	Nurse Alcove	8'-0"	9 SF	71.06 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	723	Critical and Intensive Care (ICU)	9'-6"	310 SF	2942.19 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	723.1	Toilet - Patients	8'-0"	38 SF	305.93 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
CRITICAL CARE (ICU)	724	Critical and Intensive Care (ICU)	9'-6"	326 SF	3095.74 CF	30-60	70-75	NR		2	6	375	0	7.3	No
TLT/SHWR, ADA	724.1	Toilet - Patients	8'-0"	52 SF	416.99 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	724.2	Nurse Alcove	8'-0"	7 SF	55.50 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	725	Critical and Intensive Care (ICU)	9'-6"	320 SF	3041.67 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	725.1	Toilet - Patients	8'-0"	14 SF	109.00 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	725.2	Nurse Alcove	8'-0"	9 SF	68.28 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	726	Critical and Intensive Care (ICU)	9'-6"	316 SF	3001.28 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	726.1	Toilet - Patients	8'-0"	38 SF	307.69 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
CRITICAL CARE (ICU)	727	Critical and Intensive Care (ICU)	9'-6"	329 SF	3125.32 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	727.1	Toilet - Patients	8'-0"	53 SF	424.36 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	727.2	Nurse Alcove	8'-0"	7 SF	53.18 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	728	Critical and Intensive Care (ICU)	9'-6"	319 SF	3026.62 CF	30-60	70-75	NR		2	6	375	0	7.4	No
TLT/SHWR	728.1	Toilet - Patients	8'-0"	38 SF	305.65 CF	NR	NR	(-)		0	10	50	100	19.6	Yes
ALCOVE	728.2	Nurse Alcove	8'-0"	9 SF	71.49 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	729	Critical and Intensive Care (ICU)	9'-6"	316 SF	2997.97 CF	30-60	70-75	NR		2	6	375	0	7.5	No
TLT/SHWR	729.1	Toilet - Patients	8'-0"	37 SF	297.37 CF	NR	NR	(-)		0	10	50	100	20.2	Yes
CRITICAL CARE (ICU)	730	Critical and Intensive Care (ICU)	9'-6"	331 SF	3141.25 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR, ADA	730.1	Toilet - Patients	8'-0"	53 SF	426.24 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	730.2	Nurse Alcove	8'-0"	6 SF	51.43 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	731	Critical and Intensive Care (ICU)	9'-6"	305 SF	2894.64 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	731.1	Toilet - Patients	8'-0"	35 SF	280.80 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	731.2	Nurse Alcove	8'-0"	9 SF	71.63 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	732	Critical and Intensive Care (ICU)	9'-6"	281 SF	2670.45 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	732.1	Toilet - Patients	8'-0"	37 SF	293.48 CF	NR	NR	(-)		0	10	0	0	0.0	Yes

HVAC DESIGN CONDITIONS

REMARKS:
 1. BASED ON 2008 & 2017 ASHRAE 170. CLIMATE ZONE (ASHRAE 90.1-2022): 4A
 2. WEATHER DATA BASED ON BENTONVILLE, AR, USA (WMO: 723444)
 COOLING DESIGN DAY
 0.4% DB: 95.3
 0.4% MCVB: 75.1
 DEHUMIDIFICATION DESIGN DAY
 0.4% DP: 73.5
 0.4% HR: 130.7
 HEATING DESIGN DAY
 10.1
 99.6% HR: 10.1
 EVAPORATION DESIGN DAY
 0.4% WB: 10.1

ROOM NAME	ROOM NUMBER	ASHRAE FUNCTION OF SPACE	CEILING HEIGHT	AREA (SF)	VOLUME (CF)	DESIGN RH %	DESIGN TEMPERATURE	PRESSURE REQUIREMENTS		MIN ACHR		SA CFM	EA CFM	DESIGN ACH	ALL AIR EXHAUST?
								SPACE PRESSURE REQUIREMENT	MIN. PRESSURE DIFFERENTIAL (IN WG)	OA	TOTAL				
CRITICAL CARE (ICU)	733	Critical and Intensive Care (ICU)	9'-6"	278 SF	2645.74 CF	30-60	70-75	NR		2	6	0	0	0.0	No
TLT/SHWR	733.1	Toilet - Patients	8'-0"	37 SF	298.23 CF	NR	NR	(-)		0	10	0	0	0.0	Yes
ALCOVE	733.2	Nurse Alcove	8'-0"	10 SF	76.60 CF					0	0	0	0	0.0	No
CRITICAL CARE (ICU)	734	Critical and Intensive Care (ICU)	9'-6"	291 SF	2767.64 CF	30-60	70-75	NR		2	6	0	0	0.0	

No.	Date	Description

PROGRESS DRAWING
1/7/2025 5:33:16 PM
NOT FOR CONSTRUCTION

Step & Step:

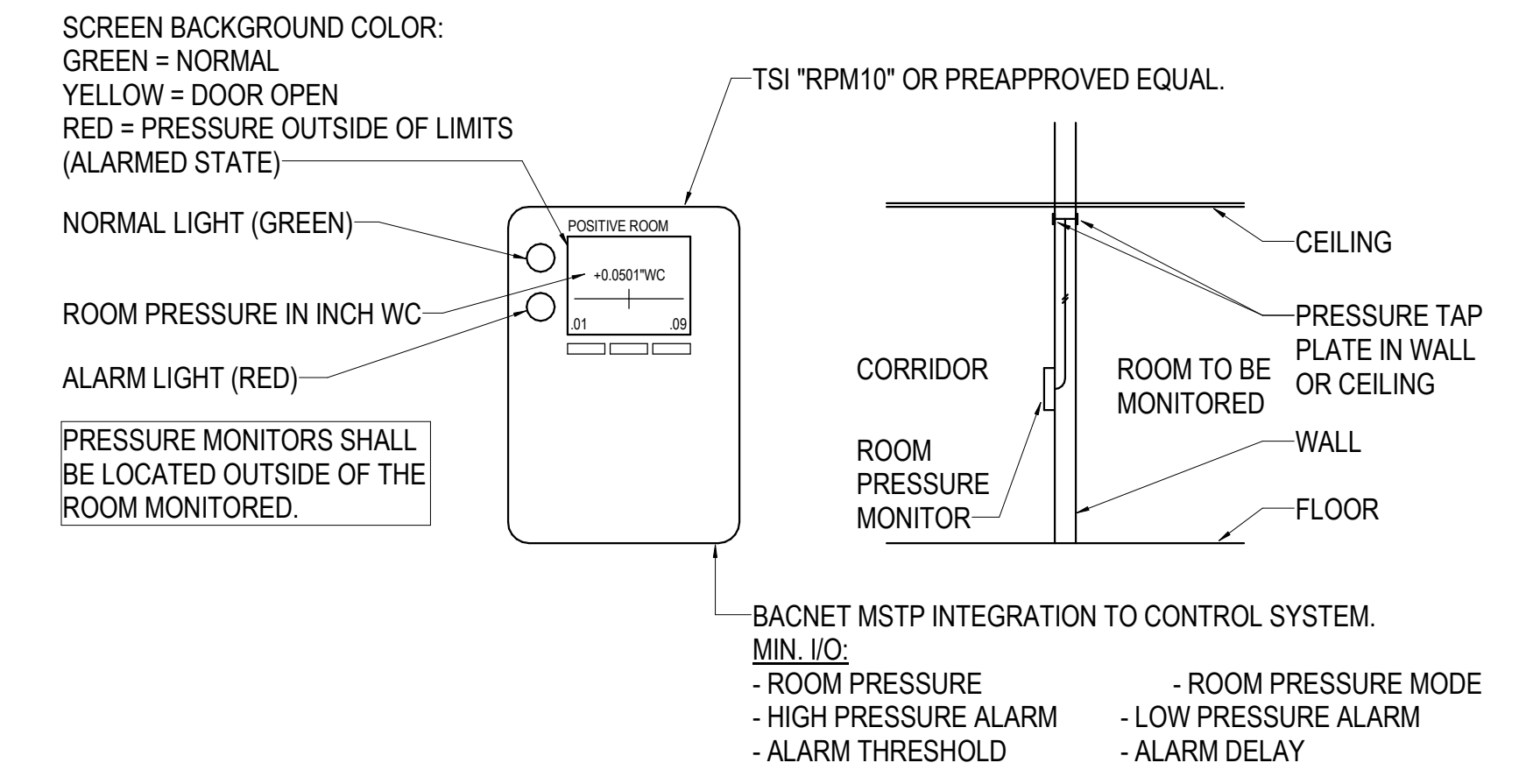
Building No.: 1388
Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: CONTROL DETAILS



Sheet No.: **M7.1**

PEC PROFESSIONAL ENGINEERING CONSULTANTS P.A.
1524 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 20179100 AR.C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2025

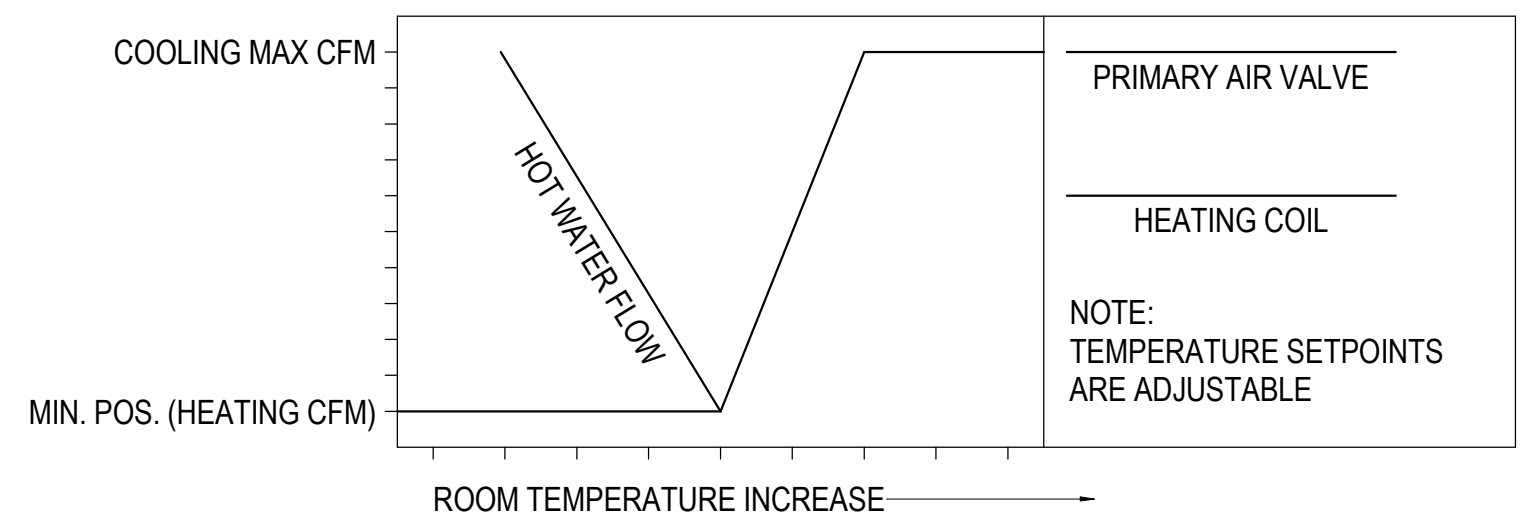


1 ROOM PRESSURE MONITOR DETAIL
NO SCALE

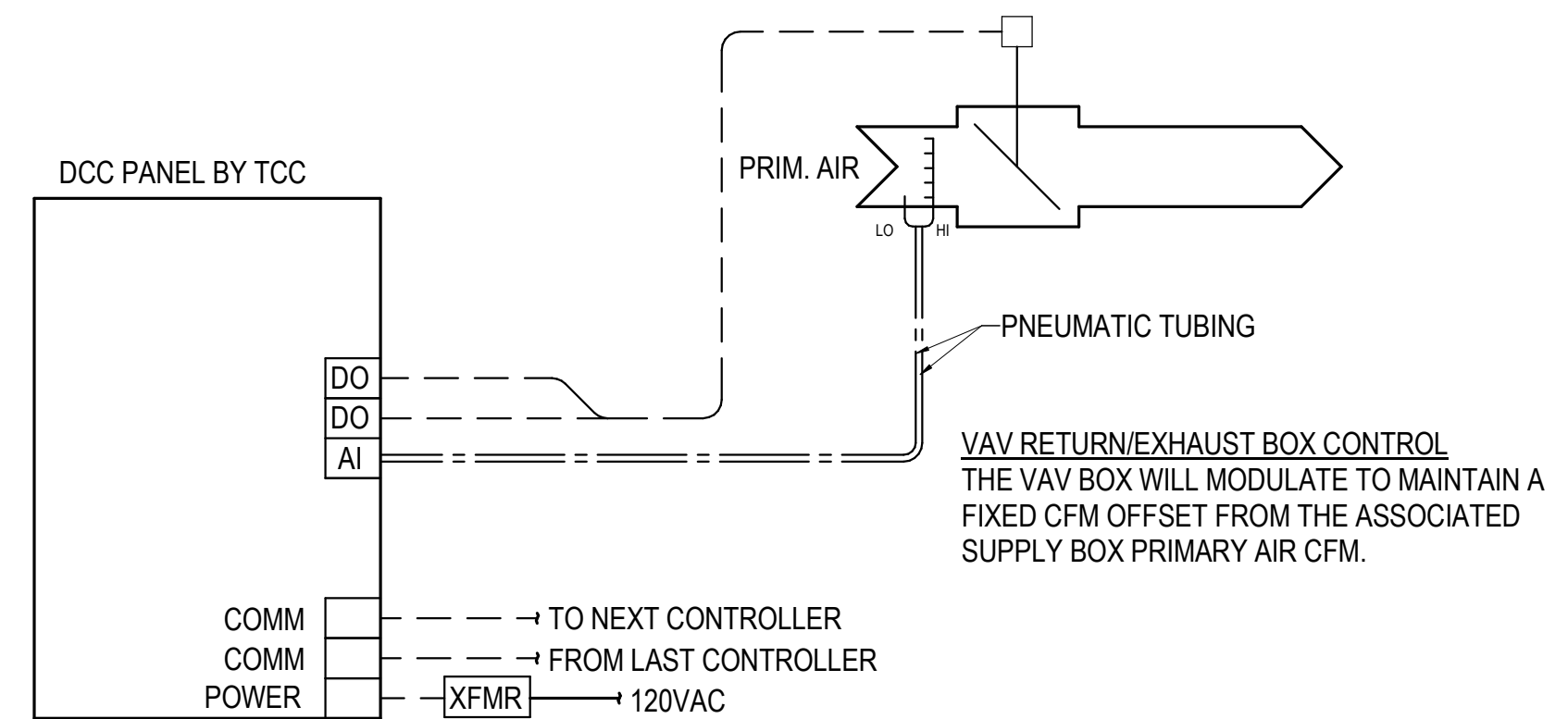
VAV SHUTOFF BOX (HW HEAT)

THE VAV DAMPER AND HOT WATER VALVE WILL MODULATE IN SEQUENCE TO MAINTAIN THE SPACE CONDITIONS AT THE OCCUPIED TEMPERATURE SETPOINTS. ON A CALL FOR COOLING, THE VARIABLE VOLUME DAMPER WILL BE MODULATED FROM MINIMUM CFM FLOW TO MAXIMUM COOLING CFM FLOW TO MAINTAIN SPACE CONDITIONS. ON A DROP IN SPACE TEMPERATURE THE VARIABLE VOLUME DAMPER WILL BE MODULATED TO ITS MINIMUM FLOW POSITION. ON A CALL FOR HEAT THE REHEAT VALVE OPENS AND THE AIRFLOW REMAINS AT MINIMUM AIRFLOW SETPOINT. WHEN DISCHARGE AIR TEMPERATURE REACHES 90°F AND SPACE IS STILL CALLING FOR HEAT, THEN THE AIR FLOW STARTS TO INCREASE. IN THE SAME TIME CONTROL VALVE SHALL MODULATE TO MAINTAIN 90° LAT. REHEAT VALVE SHALL BE LIMITED TO PROVIDE A MAXIMUM DISCHARGE TEMPERATURE OF 15 DEGREES ABOVE ROOM TEMPERATURE SETPOINT. DISCHARGE TEMPERATURE SHALL BE ALSO BE CONTROLLED TO BE A MINIMUM OF 52 DEGREES AT ALL TIMES.

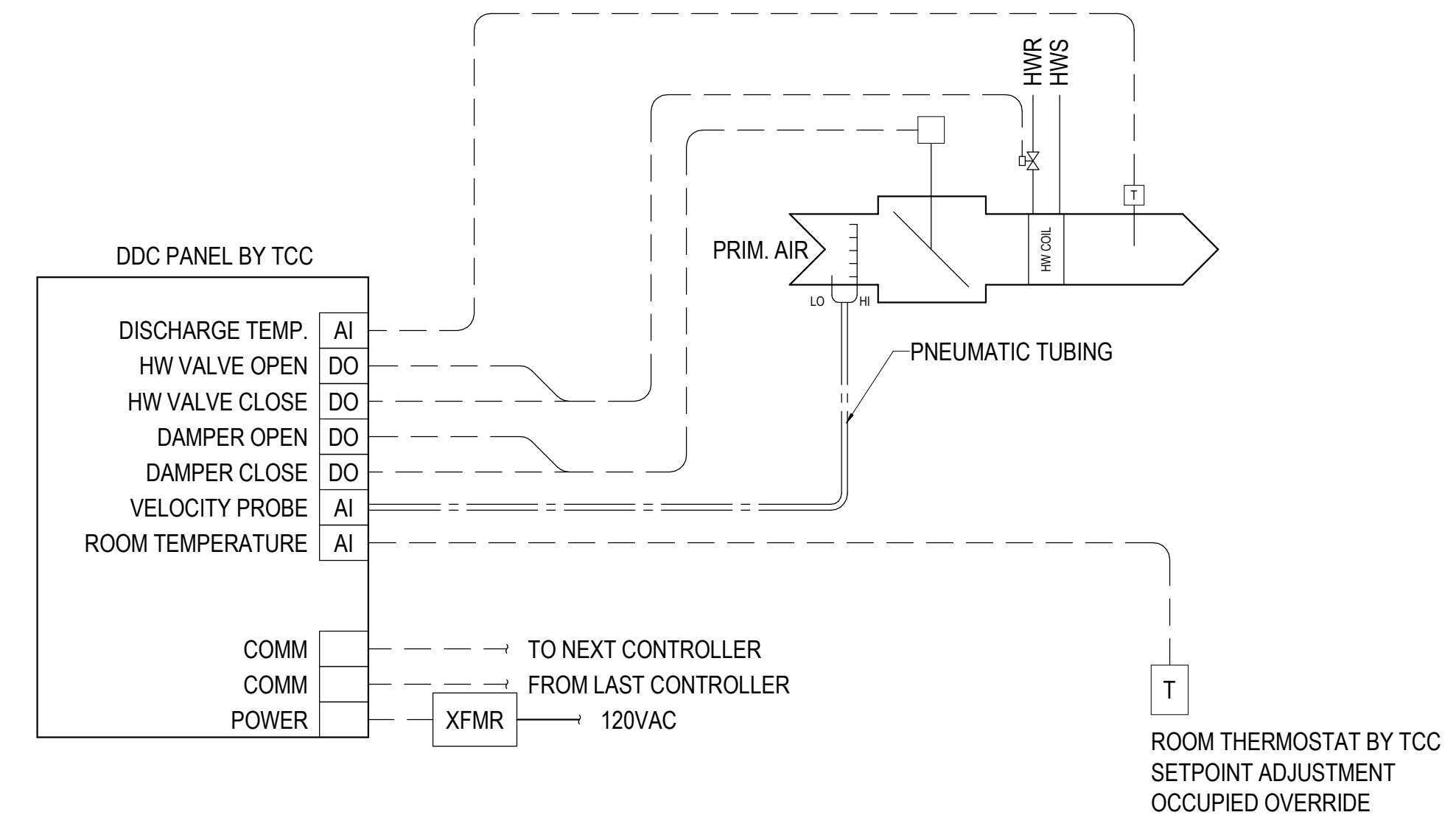
PROVIDE ALARMS FOR FAN FAILURE, HIGH/LOW DISCHARGE TEMPERATURE (10 DEGREES OFF SETPOINT), HIGH/LOW PRIMARY AIRFLOW (25% OFF SETPOINT), HIGH/LOW SPACE TEMPERATURE (10 DEGREES OFF SETPOINT).



2 CONTROL DIAGRAM-TERMINAL UNIT VAV WITH HW REHEAT-A3
NO SCALE



3 CONTROL SCHEMATIC - VAV RETURN/EXHAUST BOX
NO SCALE



GENERAL NOTES

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) & THE AMERICANS WITH DISABILITIES ACT (ADA).
- REFER TO RELATED ARCHITECTURAL, MECHANICAL, STRUCTURAL, AND TECHNOLOGY FOR RELATED INFORMATION.
- REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
- E.C. SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
- COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
- ALL MOUNTING HEIGHTS TO CENTERLINE OF ITEM UNLESS OTHERWISE NOTED. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
- CONDUIT RUN W/CONDUCTORS AS INDICATED & GROUND WIRE SIZED PER N.E.C. 250.122. CONDUIT SIZE AS REQUIRED.
- WHEN INCREASED CONDUCTOR SIZES ARE SHOWN ON THE PLANS, THE LARGER CONDUCTOR SIZE SHALL BE USED THROUGHOUT THE LENGTH OF THE CIRCUIT, INCLUDING NEUTRAL AND GROUND.
- E.C. SHALL REFERENCE ARCHITECTURAL FINISH DRAWINGS FOR LOCATIONS AND HEIGHTS OF RIGID WALL COVERINGS, TILE, CHAIR RAIL, WAHNSCOATING, ETC. AND ADJUST ELECTRICAL BOX ROUGH-IN HEIGHTS SO THAT COVERPLATES DO NOT PARTIALLY OVERLAP THESE ITEMS.
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- JUNCTION BOX OR RECEPTACLE FOR DRINKING FOUNTAINS SHALL BE LOCATED BEHIND THE EQUIPMENT SKIRT UNLESS OTHERWISE NOTED. COORDINATE CONNECTION TYPE AND LOCATION WITH EQUIPMENT PROVIDED.
- LABEL THE FRONT OF EACH RECEPTACLE COVERPLATE WITH PANEL DESIGNATION AND CIRCUIT NUMBER USING CLEAR THERMAL TRANSFER (ELECTRONIC DYMO) LABELS WITH 1/8" HIGH BLACK LETTERS (OR CONTRASTING COLOR IF COVERPLATES ARE BLACK OR BROWN). LABELS SHALL BE SUITABLE FOR INDOOR/OUTDOOR USE. LABEL THE BACK OF EACH LIGHT SWITCH COVERPLATE WITH PANEL DESIGNATION AND CIRCUIT NUMBER USING A FINE BLACK PERMANENT MARKER.
- PROVIDE 18" LONG (MIN.) CONDUIT SLEEVES THRU ALL WALLS WHERE CABLES ARE INDICATED OR REQUIRED TO PASS THRU WALLS. PROVIDE BUSHINGS ON BOTH ENDS. SIZE CONDUIT FOR CABLES INSTALLED. AT CABLE TRAYS, PROVIDE ONE 4" CONDUIT SLEEVE FOR EACH 4" WIDTH OF CABLE TRAY. MAXIMUMS SHALL BE:
1"C. = 10 CABLES
2 1/2"C. = 20 CABLES
3"C. = 30 CABLES
4"C. = 50 CABLES
- LOCATE CABLE TRAYS 6" ABOVE CEILING. OFFSET TRAY UP AND OVER LIGHT FIXTURES AND DUCTWORK (FIELD VERIFY AND PROVIDE AS REQUIRED). IF PHYSICALLY IMPOSSIBLE TO RUN CABLE TRAY UP AND OVER, THEN PROVIDE CABLE SUPPORT HOODS FROM STRUCTURE ABOVE. SIZED AND RATED FOR INSTALLED CABLES PLUS 25% SPARE. ALLOW 6" OF CLEARANCE ON ALL SIDES OF CABLE TRAY, UNLESS MOUNTED ON WALL.
- PROVIDE DIMMER PER THE SPECIFICATIONS. COORDINATE DIMMER TYPE AND WIRING WITH ASSOCIATED LIGHT FIXTURE DIMMING REQUIREMENTS (I.E. 3-WIRE, 0-10V, ELECTRONIC OR MAGNETIC LOW VOLTAGE, ETC.) OR WITH LIGHTING CONTROL SYSTEM PROPRIETARY REQUIREMENTS (I.E. LUTRON, RLIGHT, DALI, ETC.) AS NECESSARY. 3-WIRE DIMMERS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL FOR EACH CONTROL ZONE. 0-10V DIMMERS SHALL BE PROVIDED WITH DIM/OFF/OFF CONTROL. COORDINATE PHASE CONTROL OF LED DRIVERS (I.E. REVERSE PHASE, FORWARD PHASE, ETC.) WITH LIGHT FIXTURE MANUFACTURER'S RECOMMENDATIONS. LOW VOLTAGE CONTROL WIRING IS NOT SHOWN ON PLANS FOR CLARITY, BUT SHALL BE PROVIDED AS REQUIRED.
- "CT" INDICATED ADJACENT TO DEVICE INDICATES DEVICE MOUNTED ABOVE BACKSPLASH OF COUNTER TOP. VERIFY EXACT HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS.

HEALTHCARE

- DO NOT ROUTE BRANCH CIRCUITS OR FEEDERS ABOVE OR BELOW IMAGING ROOMS BECAUSE OF POSSIBLE ELECTROMAGNETIC INTERFERENCE.
- BOND PANELBOARDS SERVING THE SAME PATIENT CARE VICINITY WITH #6 AWG MINIMUM COPPER CONDUCTOR PER NEC ARTICLE 517. THIS INCLUDES NORMAL AND ESSENTIAL PANELBOARDS AND ESSENTIAL PANELBOARDS FED FROM DIFFERENT TRANSFER SWITCHES.
- THE GROUNDING SYSTEM IN PATIENT CARE AREAS SHALL BE TESTED BY VOLTAGE AND IMPEDANCE MEASUREMENTS PER NFPA 99 REQUIREMENTS.
- MEDICAL GAS ALARM CABLING SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. VERIFY ALL REQUIREMENTS WITH THE MEDICAL GAS SUPPLIER. ALL MEDICAL GAS CABLING SHALL BE IN CONDUIT.
- COORDINATE ALL BOX ROUGH-IN AND PATHWAY REQUIREMENTS FOR SOUND SYSTEMS IN OPERATING ROOMS WITH THE EQUIPMENT SUPPLIER
- REFER TO THE SPECIFICATIONS FOR REQUIREMENTS ON COLOR CODING BOXES AND/OR CONDUIT ACCORDING TO THE SPECIFIC BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM.
- REFER TO THE SPECIFICATIONS FOR REQUIREMENTS ON COLOR CODING OF NAMEPLATES ACCORDING TO THE SPECIFIC BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM.
- THIS IS A LIFE SAFETY BUILDING WHICH MEANS IT SHALL REMAIN REASONABLY OPERATIONAL IN THE CASE OF A SEISMIC EVENT. REFER TO THE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS ON EQUIPMENT BRACING.
- ALL PATIENT CARE AREAS (PATIENT ROOMS AND SUPPORT SPACES) SHALL HAVE TWO GROUND PATHS PER N.E.C. ARTICLE 517.
- REFER TO MANUFACTURER DRAWINGS FOR ALL IMAGING EQUIPMENT REQUIREMENTS, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKER SIZE, CABLE TRAY, DUCTS, CONDUITS, CABLES, CONDUCTORS, EPO SWITCHES, AND ALL DEVICES REQUIRED FOR A COMPLETE INSTALLATION.
- THE LIFE SAFETY BRANCH AND THE CRITICAL BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM SHALL BE KEPT ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT AND SHALL NOT ENTER THE SAME RACEWAY, BOXES, OR CABINETS WITH EACH OTHER OR OTHER WIRING PER N.E.C. ARTICLE 517.
- ALL RECEPTACLES SHALL BE HOSPITAL GRADE.

SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
LIGHTING, SWITCHES AND SENSORS					
	LIGHT FIXTURE & FIXTURE LETTER	CLG SURF/ RECESSED		SWITCHES (1-POLE, 2-POLE, 3-WAY, 4-WAY)	46" AFF
	STRIP LIGHT FIXTURE & FIXT LETTER	CEILING		SWITCHES (KEYED, PILOT, TIMER)	46" AFF
	LIGHT FIXTURE & FIXTURE LETTER	CLG SURF/ RECESSED		INDICATES SWITCHING SCHEME	
	LIGHT FIXTURE & FIXTURE LETTER	WALL		1 RELAY OCCUPANCY SENSOR SW	46" AFF
	EXIT SIGN (SHADING DENOTES EXIT FACE SIDE)	CEIL/WALL		2 RELAY OCCUPANCY SENSOR SW	46" AFF
	LIGHT FIXTURE & FIXTURE LETTER	WALL		1 RELAY OCCUPANCY SENSOR / DIMMER SWITCH (GEN NOTE 15)	46" AFF
	FIXTURE WITH SHADED LAMP(S) ON EMERGENCY POWER	CLG SURF/ RECESSED		DIMMER SWITCH (GEN NOTE 15)	46" AFF
	EMERGENCY BATTERY LIGHT FIXT	CEIL/WALL		LOW VOLTAGE SWITCH	46" AFF
	COMB EXIT SIGN/EM BATTERY LIGHT	WALL		ON/OFF SWITCH	46" AFF
	LIGHT FIXTURE & FIXTURE LETTER	POLE		ON/OFF 0-10V DIMMING SWITCH	46" AFF
	LIGHTING TRACK, TRACK FIXTURES, & FIXTURE LETTERS	CEILING		DUAL TECH ON/OFF SENSOR	46" AFF
	PHOTOCELL			16-SCENE WALL CONTROLLER	46" AFF
				DUAL TECH ON/OFF 0-10V DIM SW	46" AFF
				OCCUPANCY SENSOR	CLG/WALL
				LIGHTING CONTROL POWER PACK	
				UL-924 LISTED POWER PACK	
				AV SYSTEM/LIGHTING INTERFACE	CEILING
				DAYLIGHT SENSOR	
POWER					
	SINGLE GROUNDED RECEPTACLE	18" AFF		BRANCH CIRCUIT PANEL AND PANEL DESIGNATION	72" TO TOP
	DUPLEX GROUNDED RECEPTACLE	18" AFF		ELECTRICAL DISTRIBUTION EQUIP	
	DUPLEX GROUNDED RECEPTACLE	CEILING		EQUIPMENT - SEE EQUIPMENT CONNECTION SCHEDULE	
	DOUBLE DUPLEX GROUNDED REC	18" AFF		CONDUIT SLEEVE (GEN NOTE 13)	
	GRD FAULT DOUBLE DUPLEX REC	18" AFF		CABLE TRAY - WIRE BASKET, LADDER (GEN NOTE 14)	
	DUPLEX GRD REC BOTTOM SWITCH	18" AFF		MOTOR	
	TAMPER-PROOF DUPLEX REC	18" AFF		DISCONNECT SWITCH	
	TAMPER-PROOF DUPLEX REC	18" AFF		MANUAL STARTER	
	ELECTRICAL CONNECTION			CIRCUIT BREAKER	
	SPECIAL OUTLET (SEE SCHEDULE OR AS NOTED)	FLOOR/WALL		STARTER OR ATS (AS NOTED)	
	SPECIAL DEVICE (AS NOTED)			COMBINATION STARTER/DISC RELAY	
	FEEDER DESIGNATION			PUSHBUTTON (1-, 2-, 3-BUTTON)	46" AFF
	JUNCTION BOX - 1-GANG			BOX MOUNTED TRANSFORMER	
	JUNCTION BOX - 2-GANG			CONTRACTOR	
	FUSTAT BUSS #SSY	46" AFF		METER	
	THERMOSTAT/TEMP SENSOR	46" AFF		PLUGMOLD SURFACE RACEWAY	WALL
	PLUG LOAD SENSOR	CEILING		BUSDUCT PLUG	
	HANDICAP DOOR PUSHBUTTON	36" AFF			
ONE-LINE					
	CIRCUIT BREAKER ACCESSORIES: LSIG = LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND FAULT GFI = GROUND FAULT ST = SHUNT TRIP K = KIRK KEY INTERLOCK INDICATOR LIGHT(G=GREEN, R=RED) ERMS INDICATING LIGHT & SWITCH) CONTACTS (N.O., N.C.)			FUSIBLE SWITCH (CIRCUIT NUMBER / SWITCH SIZE / FUSE SIZE / # OF POLES) (# OF POLES IF OTHER THAN 3)	
	FUSE			STARTER WITH FUSIBLE SWITCH (CIRCUIT NUMBER / SWITCH SIZE / FUSE SIZE / # OF POLES / STARTER SIZE) (# OF POLES IF OTHER THAN 3)	
	CIRCUIT BREAKER			CIRCUIT BREAKER (MOLDED CASE NON-ADJUSTABLE TRIP / ADJUSTABLE TRIP) (CIRCUIT NUMBER / TRIP SIZE / # OF POLES) (FRAME SIZE / TRIP SIZE) (# OF POLES IF OTHER THAN 3)	
	OVERLOADS			3Ø TRANSFORMER (DELTA PRIMARY / WYE SECONDARY)	
	DRAWOUT CONTACTS			1Ø TRANSFORMER	
	DISCONNECT SWITCH (SEE EQUIP CONN SCHED) (VOLTAGE / SWITCH SIZE / FUSE SIZE / # OF POLES - NOTED IF EQUIPMENT NOT SCHEDULED)			PANELBOARD (BUILT-IN SPD)	
	STARTER (SEE EQUIP CONN SCHED) (VOLTAGE / STARTER SIZE / # OF POLES - NOTED IF EQUIPMENT NOT SCHEDULED)			TRANSFER SWITCH (ATS = AUTOMATIC, MTS = MANUAL) (AMP SIZE / VOLTAGE / POLES / AIC RATING / NEMA RATING) (NEMA RATING IF OTHER THAN NEMA-1)	
	GROUND CONNECTION			MOTOR STARTER (SINGLE SPEED ACROSS-THE-LINE (UON)) (NEMA SIZE / RV AT = REDUCED VOLTAGE / AUTO-TRANSFORMER / SS = SOLID STATE)	
	LIGHTNING ARRESTOR				
	FEEDER DESIGNATION				
	SURGE PROTECTIVE DEVICE				
	METER (UTILITY / PANEL MOUNTED)				
	EQUIPMENT (SINGLE MOTOR / MULTI-MOTOR OR OTHER TYPE AS NOTED)				
	VARIABLE FREQUENCY DRIVE (HP SIZE IF NOT SCHEDULED)				
COLOR CODING					
	MISCELLANEOUS			EQUIPMENT BRANCH	
	120/208V			LIFE SAFETY BRANCH	
	277/480V			UPS POWER	
	EMERGENCY/CRITICAL BRANCH				
--- SYMBOL LIST IS FOR REFERENCE ONLY. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. ---					

SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
ABBREVIATIONS					
NL	NIGHT LIGHT - WIRE AHEAD OF CONTROLS		AFF	ABOVE FINISHED FLOOR	
EM	ON EMERGENCY POWER		AFG	ABOVE FINISHED GRADE	
WP	WEATHERPROOF		DF	DRINKING FOUNTAIN - SEE GENERAL NOTE 11	
CT	COUNTERTOP (SEE GEN. NOTE 16)		GAP	GENERATOR ANNUNCIATOR PANEL	
UON	UNLESS OTHERWISE NOTED				
W	WALL				
CONDUIT AND WIRING					
	EMERGENCY CIRCUIT	CLG/WALL		CONDUIT HOME RUN, 1 CIRCUIT. 2#10 & 1#10 GRD. - 1/2"C.	CLG/WALL
	MASTER/SLAVE FIXTURE WHIP	CEILING		CONDUIT HOME RUN, 2 CIRCUITS. 4#10 & 1#10 GRD. - 3/4"C.	CLG/WALL
	LOW VOLTAGE WIRING	CLG/WALL		CONDUIT HOME RUN, 3 CIRCUITS. 6#10 & 1#10 GRD. - 1"C.	CLG/WALL
	CDT RUN 2#10 & 1#10 GRD. - 1/2"C. OR CDT RUN AS NOTED ON PLAN	CLG/WALL		CONDUIT HOME RUN, 2 CIRCUITS. 2#10 & 1#10 GRD. - 1/2"C.	CLG/WALL
	CDT RUN 2#10 & 1#10 GRD. - 3/4"C. OR CDT RUN AS NOTED ON PLAN	EARTH/ FLOOR		PHASE CONDUCTORS/ NEUTRAL CONDUCTOR (#10 UON)	
	CDT RUN 2#10 & 1#10 GRD. - 1/2"C. OR CDT RUN AS NOTED ON PLAN	CLG/WALL		NEUTRAL CONDUCTOR (#10 UON)	
	CONDUIT HOME RUN, 1 CIRCUIT. 2#8 & 1#10 GRD. (GEN. NOTES 7 & 8)	CLG/WALL		GROUND CONDUCTOR (#10 UON)	
	CONDUIT RUN PARTIAL CIRCUIT. 2#10 & 1#10 GRD. - 1/2"C.	CLG/WALL			
	MISC. EQUIPMENT CONNECTION				
	CONDUIT SEAL OFF				
PEN WEIGHT LEGEND					
ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN DARK			ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN DARK		
SOLID LINES ARE NEW TO BE INSTALLED			DASHED LINES ARE EXISTING TO BE REMOVED		
	NEW DUPLEX GROUNDED RECEPTACLE			DUPLEX GROUNDED REC TO BE REMOVED	
	NEW LIGHT FIXTURE			LIGHT FIXTURE TO BE REMOVED	
ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN HALFTONE			ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN LIGHT		
SOLID LINES ARE EXISTING TO REMAIN			DASHED LINES ARE EXISTING TO BE RELOCATED		
	EXISTING DUPLEX GROUNDED REC TO REMAIN			DUPLEX GROUNDED REC TO BE RELOCATED	
	EXISTING LIGHT FIXTURE TO REMAIN			LIGHT FIXTURE TO BE RELOCATED	
--- SYMBOL LIST IS FOR REFERENCE ONLY. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. ---					

ELECTRICAL SHEET INDEX

SHEET NO.	SHEET TITLE
E-001	ELECTRICAL GENERAL NOTES AND SYMBOLS
E-107A	7TH FLOOR ELECTRICAL DEMOLITION PLAN - AREA A
E-107B	7TH FLOOR ELECTRICAL DEMOLITION PLAN - AREA B
E-207A	7TH FLOOR POWER PLAN - AREA A
E-207B	7TH FLOOR POWER PLAN - AREA B
E-217	7TH FLOOR POWER PLAN - MECHANICAL CONNECTIONS
E-307A	7TH FLOOR LIGHTING PLAN - AREA A
E-307B	7TH FLOOR LIGHTING PLAN - AREA B
E-601	ELECTRICAL ENLARGED PLANS
E-602	ELECTRICAL ENLARGED PLANS
E-601	ELECTRICAL DETAILS
E-701	ELECTRICAL PARTIAL ONE-LINE DIAGRAM
E-710	ELECTRICAL LIGHTING AND CONTROL SCHEDULES
E-711	ELECTRICAL SCHEDULES
E-712	ELECTRICAL SCHEDULES
E-713	ELECTRICAL SCHEDULES

SPECIAL OUTLETS

MARK	DESCRIPTION
PT4	POKE-THRU: PROVIDE 4-GANG RECESSED FIRE-RATED POKE-THRU SUITABLE FOR INSTALLATION IN CONCRETE FLOOR. PROVIDE WITH (2) 20A 125V DUPLEX GROUNDED RECEPTACLES (NEMA 5-20R), 1-GANG FOR DATA, AND 1-GANG FOR AV. PROVIDE 1"C. WITH PULL ROPE AND NON-METALLIC BUSHINGS TO ABOVE NEAREST ACCESSIBLE CEILING FOR ROUTING OF DATA CABLING. PROVIDE 1-1/2"C. WITH PULL ROPE AND NON-METALLIC BUSHINGS TO FLAT PANEL DISPLAYS FOR ROUTING OF AV CABLING. PROVIDE WITH MATCHING COVERPLATE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
TWN	TV WITH NURSE CALL CONNECTION: PROVIDE 2-GANG FLUSH-MOUNTED RECESSED OUTLET BACKBOX, QUAD RECEPTACLE STYLE COVER PLATE, 20A, 125V, 2P, 3W, DUPLEX GROUNDED RECEPTACLE (NEMA 5-20R). MOUNT CENTER OF DEVICE AT 5'-0" AFF UNLESS NOTED OTHERWISE. COORDINATED EXACT MOUNTING LOCATION SUCH THAT THE WALL BOX IS COMPLETELY HIDDEN BEHIND TV AND DOES NOT INTERFERE WITH WALL-MOUNT BRACKET. PROVIDE 3/4"C. FROM OUTLET TO COMBINATION PATIENTS/STAFF/CODE BLUE DEVICE AT HEAD OF BED FOR CABLING FROM TV TO NURSE CALL SYSTEM. PROVIDE 1"C. FROM OUTLET TO ABOVE ACCESSIBLE CEILING FOR ROUTING OF CATV CABLING. REFERENCE DETAIL 9/E-601 FOR ADDITIONAL INFORMATION.
U	HOSPITAL GRADE USB OUTLET: 20A 125V TAMPERPROOF DUPLEX RECEPTACLE (NEMA 5-20R) WITH USB-A AND USB-C CHARGING PORTS. PROVIDE LEVITON #M58AC-HG OR APPROVED EQUAL.

No.	Date	Description

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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: NO SCALE



Floor No:

Sheet No: **E-001**

DEMOLITION GENERAL NOTES

1. DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED. SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, RECEPTACLES, LIGHTS, PANELS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
2. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILING IN REMODELED AREAS. PLUG BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.
3. ELECTRICAL OUTLETS, ETC. POSSIBLY CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC. ARE NOT SHOWN AND MAY REQUIRE REMOVAL.
4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF EQUIPMENT, RACEWAY SYSTEMS, OUTLET BOXES, ETC.
5. WHERE EQUIPMENT AND OTHER DEVICES ARE BEING REMOVED, THE CIRCUITING SHALL BE REMOVED, IF POSSIBLE, BACK TO POINT OF SUPPLY. WHERE REQUIRED, CIRCUITING SHALL BE EXTENDED TO MAINTAIN CONTINUITY OF THE CIRCUIT OR OPERATION OF THE SYSTEM.
6. ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
7. WHERE DEVICES ARE BEING REMOVED FROM FLUSH-MOUNTED OUTLET BOXES IN EXISTING WALLS TO REMAIN, REMOVE JUNCTION BOX AND RACEWAY BACK TO SOURCE. PATCH AND REPAIR WALL AS REQUIRED.
8. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING WORK.

KEYNOTES

- E2 CONTRACTOR TO VERIFY EXISTING RECEPTACLE IS TAMPER RESISTANT. IF EXISTING IS NOT TAMPER RESISTANT, CONTRACTOR TO REPLACE IN PLACE.

Architect Logo

No.	Date	Description

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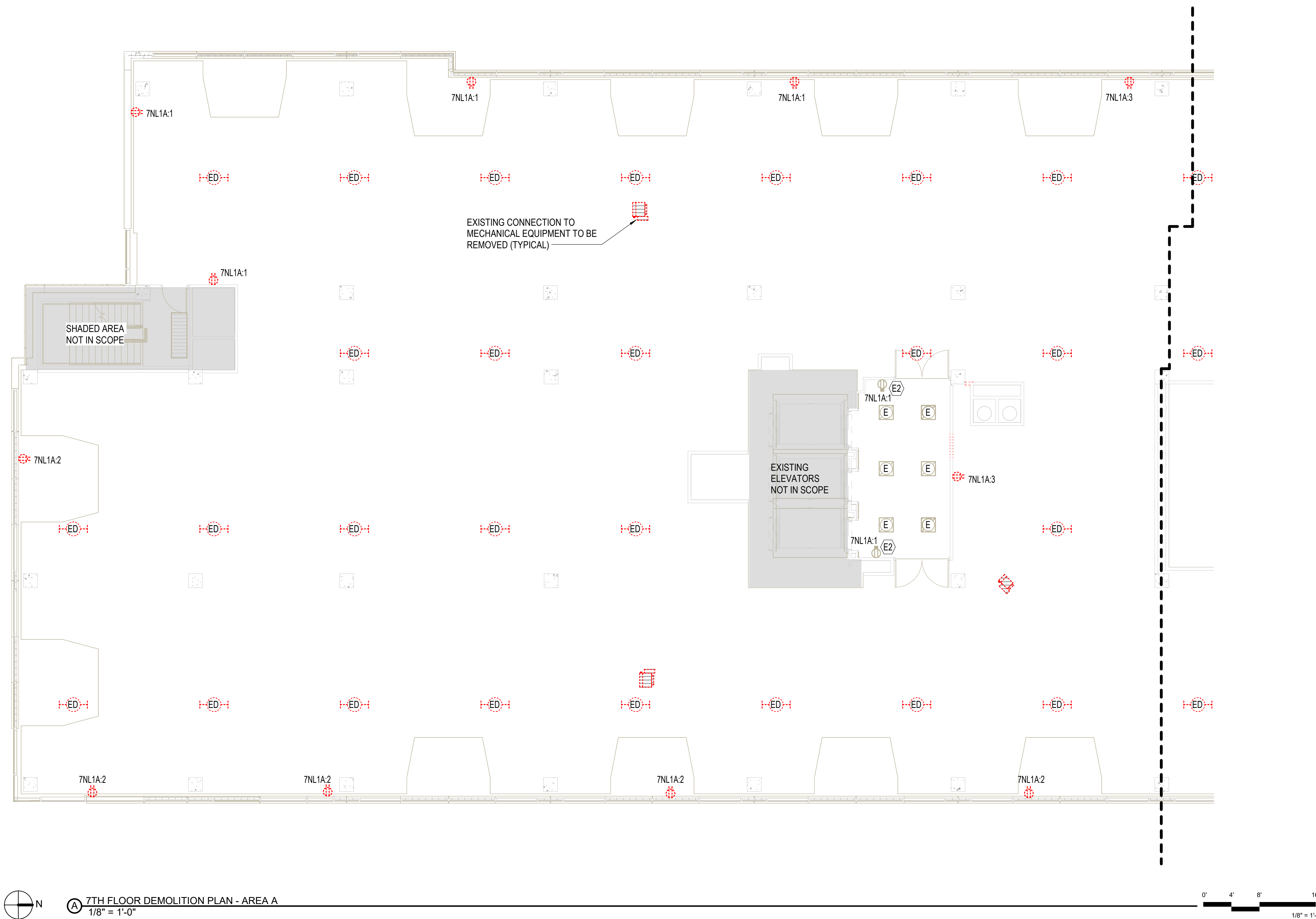
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Mercy Project No.: 2040-821203
Date: 01/07/2025
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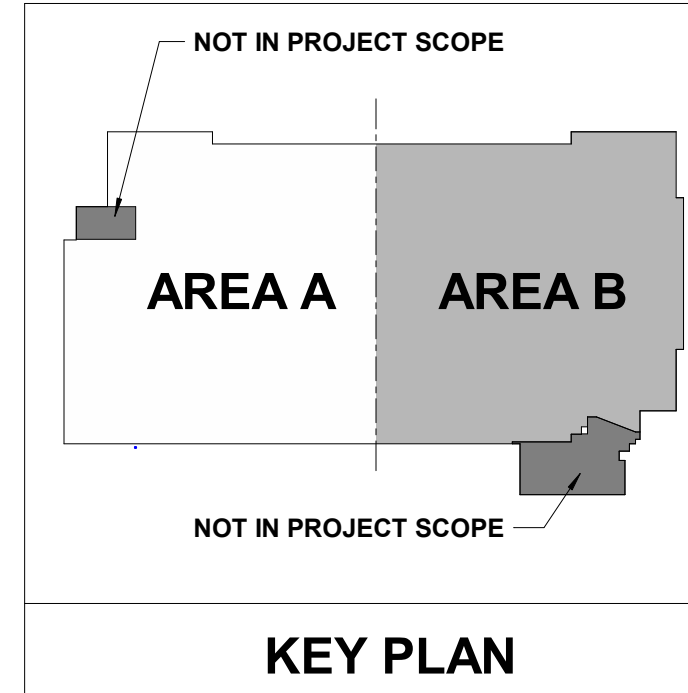
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR ELECTRICAL DEMOLITION PLAN - AREA A

PROFESSIONAL ENGINEERING CONSULTANTS P.A.
1524 S UTICHAVE, SUITE 1400, TULSA, OK 74104
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Sheet No:
E-107A



7TH FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"



0' 4' 8' 16'
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

1. DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED. SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, RECEPTACLES, LIGHTS, PANELS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
2. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED AREAS. PLUG BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.
3. ELECTRICAL OUTLETS, ETC. POSSIBLY CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC. ARE NOT SHOWN AND MAY REQUIRE REMOVAL.
4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF EQUIPMENT, RACEWAY SYSTEMS, OUTLET BOXES, ETC.
5. WHERE EQUIPMENT AND OTHER DEVICES ARE BEING REMOVED, THE CIRCUITING SHALL BE REMOVED, IF POSSIBLE, BACK TO POINT OF SUPPLY. WHERE REQUIRED, CIRCUITING SHALL BE EXTENDED TO MAINTAIN CONTINUITY OF THE CIRCUIT OR OPERATION OF THE SYSTEM.
6. ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
7. WHERE DEVICES ARE BEING REMOVED FROM FLUSH-MOUNTED OUTLET BOXES IN EXISTING WALLS TO REMAIN, REMOVE JUNCTION BOX AND RACEWAY BACK TO SOURCE. PATCH AND REPAIR WALL AS REQUIRED.
8. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING WORK.

KEYNOTES

No.	Date	Description

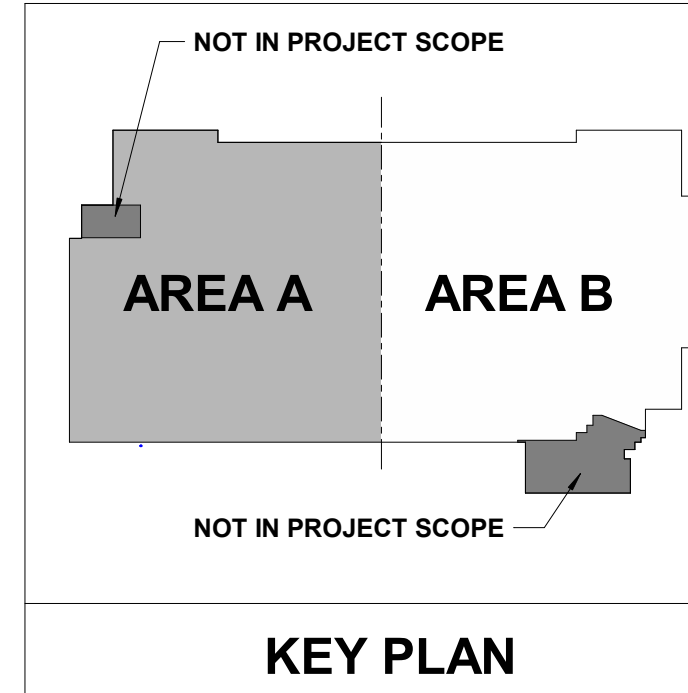
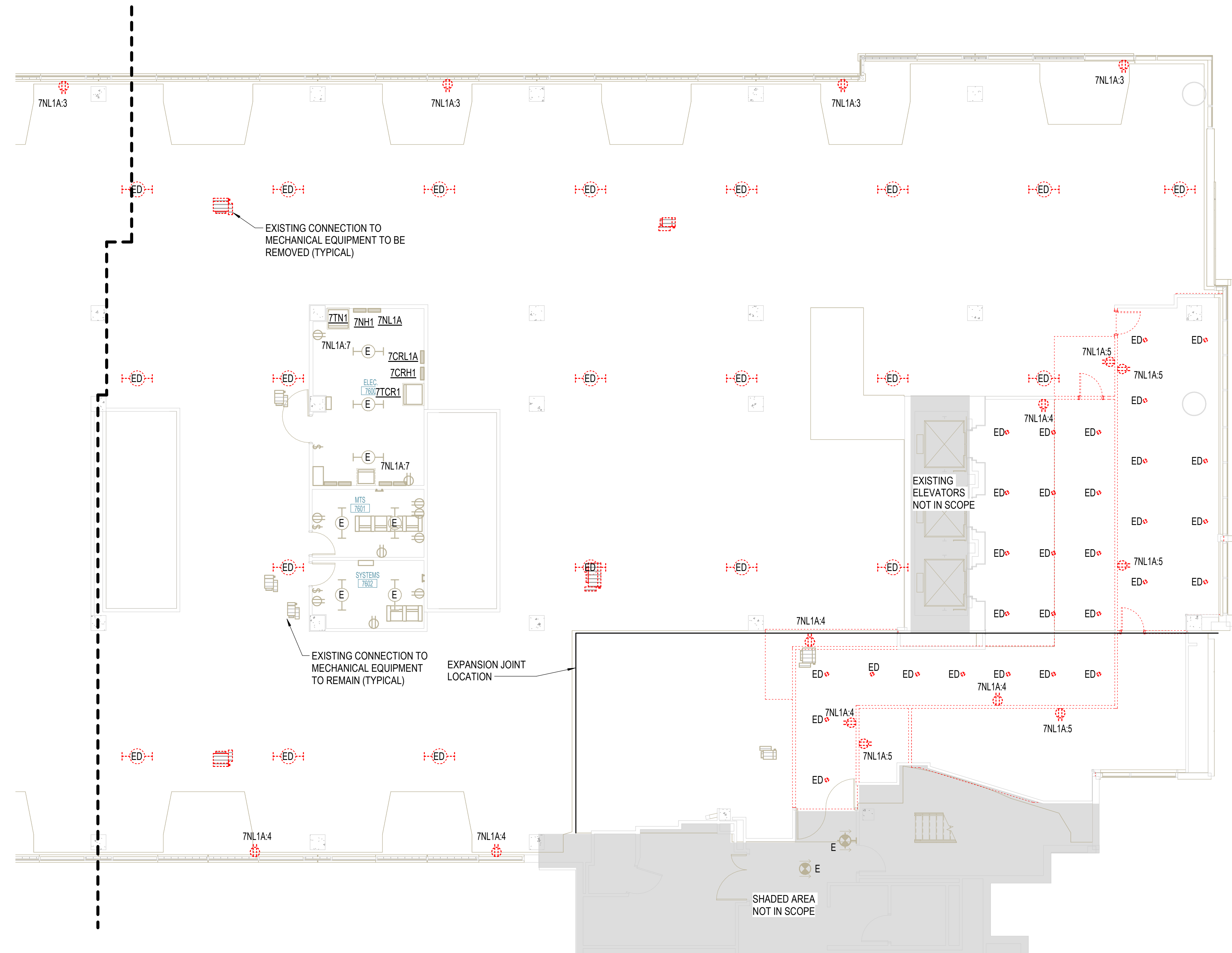
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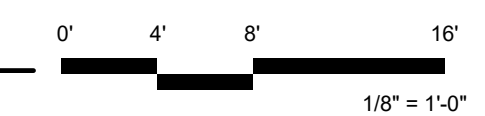
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Sheet No.: **E-107B**



7TH FLOOR DEMOLITION PLAN - AREA B
 1/8" = 1'-0"



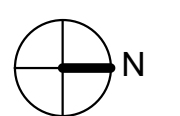
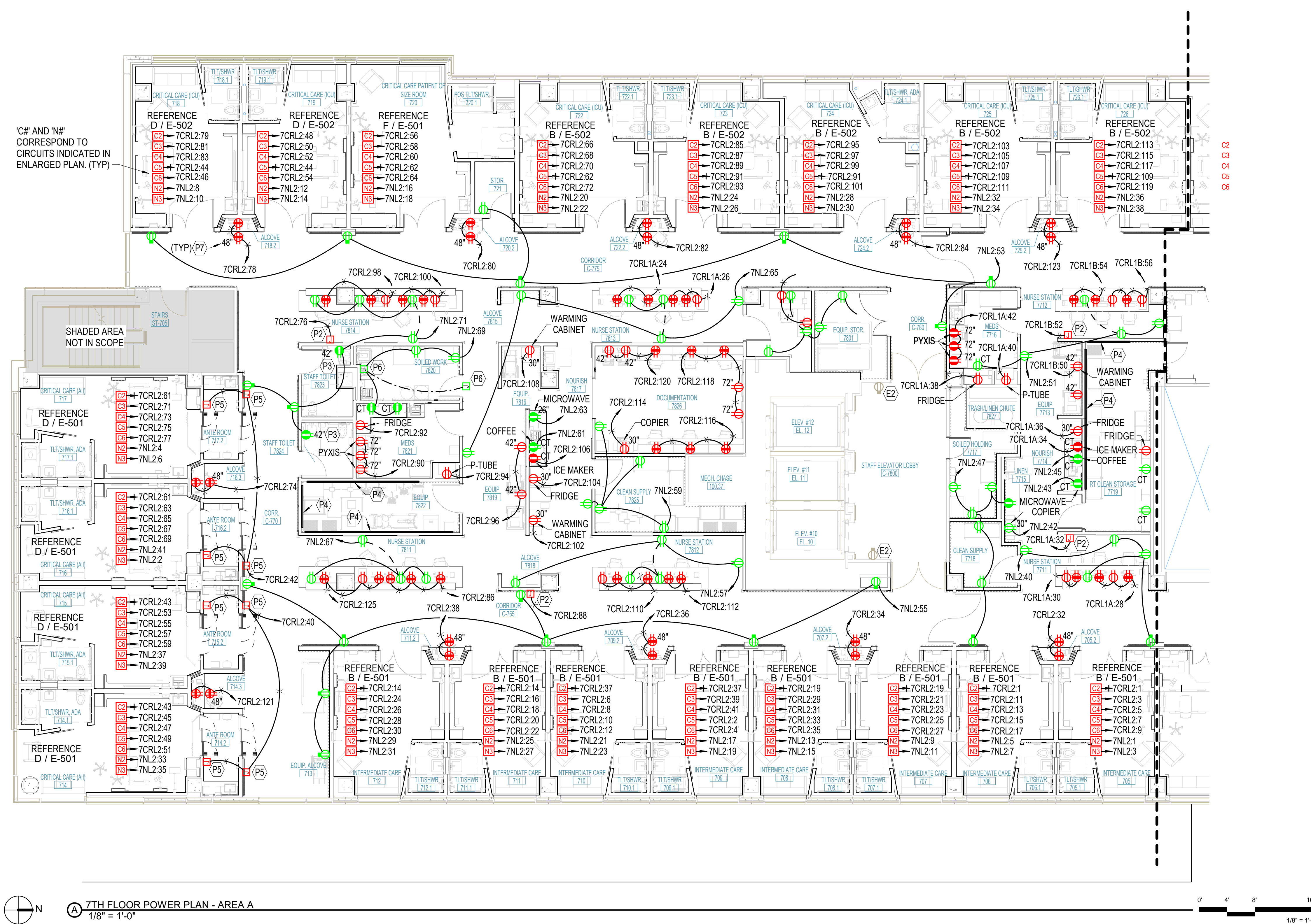
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 1624 S UTICHAVE, SUITE 1400, TULSA, OK 74104
 918-688-5400 www.ppec.com
 PEC PROJECT NUMBER: 240179-000 AR C.O.A.#542 P.E.L.S EXPIRES DECEMBER 31, 2026

POWER GENERAL NOTES

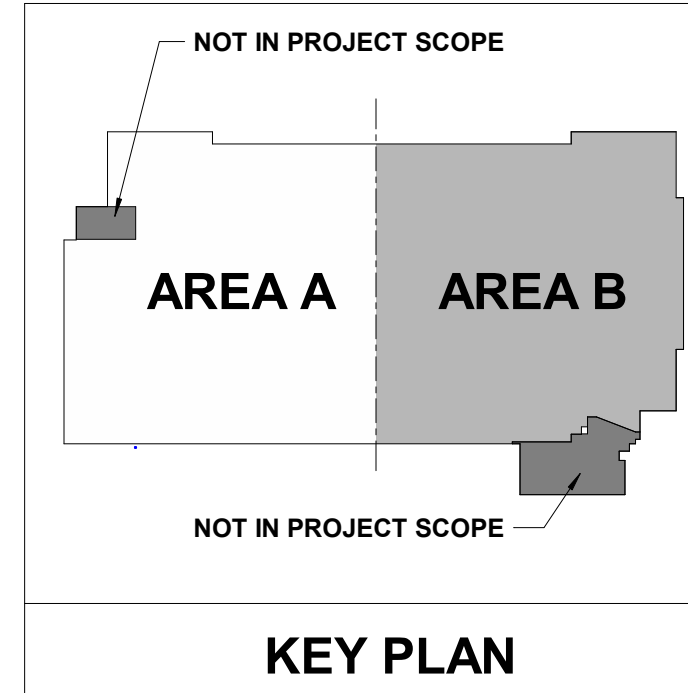
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- FOR CONNECTION REQUIREMENTS TO MECHANICAL UNITS, SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
- FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
- OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF STC RATED WALLS. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF STC RATED WALLS SHALL BE LIMITED TO TWO OUTLET BOXES PER STUD SPACE AND COVERED WITH "PUTTY PAD" TYPE MOLDABLE FIRE BARRIER.
- FIELD VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES AND POKE THROUGHS WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYNOTES

- | # | DESCRIPTION |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E2 | CONTRACTOR TO VERIFY EXISTING RECEPTACLE IS TAMPER RESISTANT. IF EXISTING IS NOT TAMPER RESISTANT, CONTRACTOR TO REPLACE IN PLACE. |
| P2 | JUNCTION BOX RECESSED IN WALL FOR CONNECTION TO MED GAS AREA ALARM PANEL LOCATION. PROVIDE 1" CONDUIT FOR ALARM CABLING AS REQUIRED. ALL MED GAS ALARM CABLING IS TO BE IN CONDUIT. |
| P3 | COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR LOCATION OF RECEPTACLE WITH EQUIPMENT. |
| P4 | SINGLE-CHANNEL SURFACE MOUNTED WIREWAY EQUAL TO LEGRAND WIREMOLD 3000 SERIES INCLUDE ALL ASSOCIATED MOUNTING PLATES, END CAPS, MOUNTING HARDWARE, ETC. AS REQUIRED FOR A COMPLETE SYSTEM. CIRCUITS INDICATED SHALL BE ALTERNATED BETWEEN EACH DEVICE SEQUENTIALLY FROM LEFT TO RIGHT. ALL RECEPTACLES TO BE NEMA 5-20R AND ARE TO BE SPACED 18" ON CENTER. PROVIDE ENGRAVED COVERPLATE ON EACH RECEPTACLE TO INDICATE THE PANEL AND CIRCUIT NUMBER. MOUNT AT 42" ON CENTER. |
| P5 | JUNCTION BOX FOR CONNECTION TO PRESSURE MONITOR. PROVIDE 1" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR ROUTING OF LOW VOLTAGE CONDUIT. VERIFY ALL CONNECTION REQUIREMENTS PRIOR TO INSTALLATION. |
| P6 | JUNCTION BOX FOR CONNECTION TO EMERGENCY EYE WASH ALARM. PROVIDE CONDUIT AND CABLING BETWEEN EYE WASH AND VISUAL ALARM LOCATION AS REQUIRED. VERIFY LOCATIONS AND ALL CONNECTION REQUIREMENTS PRIOR TO INSTALLATION. |
| P7 | RECEPTACLE INTENDED FOR PATIENT MONITORING DISPLAYS AND EQUIPMENT. MOUNTING LOCATION SHALL BE COORDINATED WITH PATIENT MONITORING MANUFACTURER. |



7TH FLOOR POWER PLAN - AREA A
1/8" = 1'-0"



KEY PLAN

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Date: 01/07/2025
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

PROFESSIONAL ENGINEERING CONSULTANTS P.A.
624 S. UTICHAVE, SUITE 400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 24079400 AR.C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2025

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Sheet No.:
E-207A

POWER GENERAL NOTES

- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- FOR CONNECTION REQUIREMENTS TO MECHANICAL UNITS, SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
- FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
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- FIELD VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES AND POKE THROUGH WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYNOTES

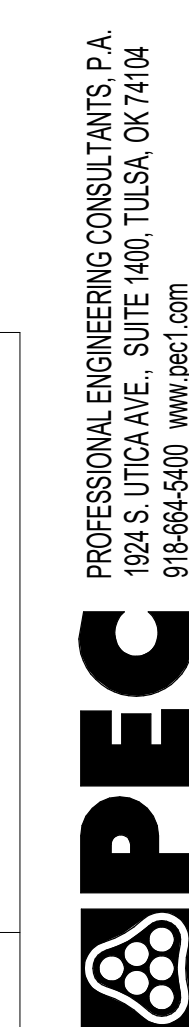
- # P3** COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR LOCATION OF RECEPTACLE WITH EQUIPMENT.
- # P6** JUNCTION BOX FOR CONNECTION TO EMERGENCY EYE WASH AND VISUAL ALARM LOCATION AS REQUIRED. VERIFY LOCATIONS AND ALL CONNECTION REQUIREMENTS PRIOR TO INSTALLATION.
- # P7** RECEPTACLE INTENDED FOR PATIENT MONITORING DISPLAYS AND EQUIPMENT. MOUNTING LOCATION SHALL BE COORDINATED WITH PATIENT MONITORING MANUFACTURER.

No.	Date	Description

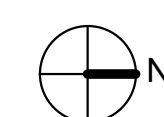
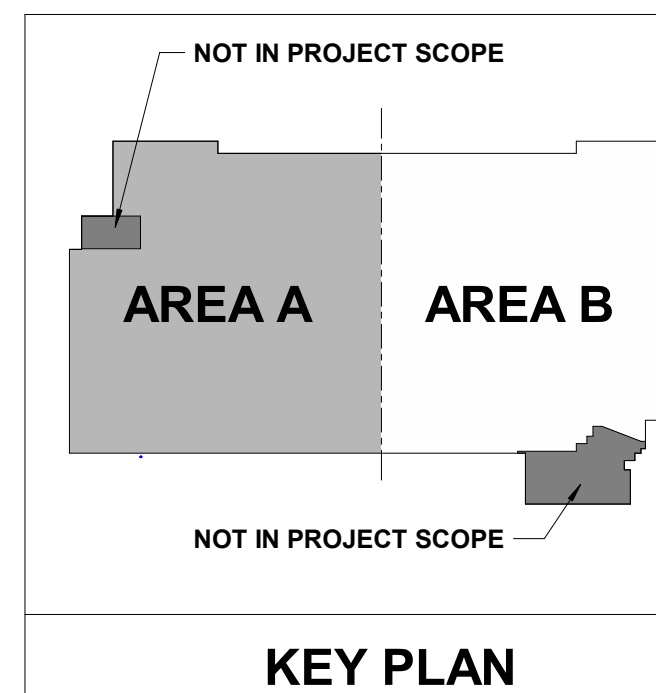
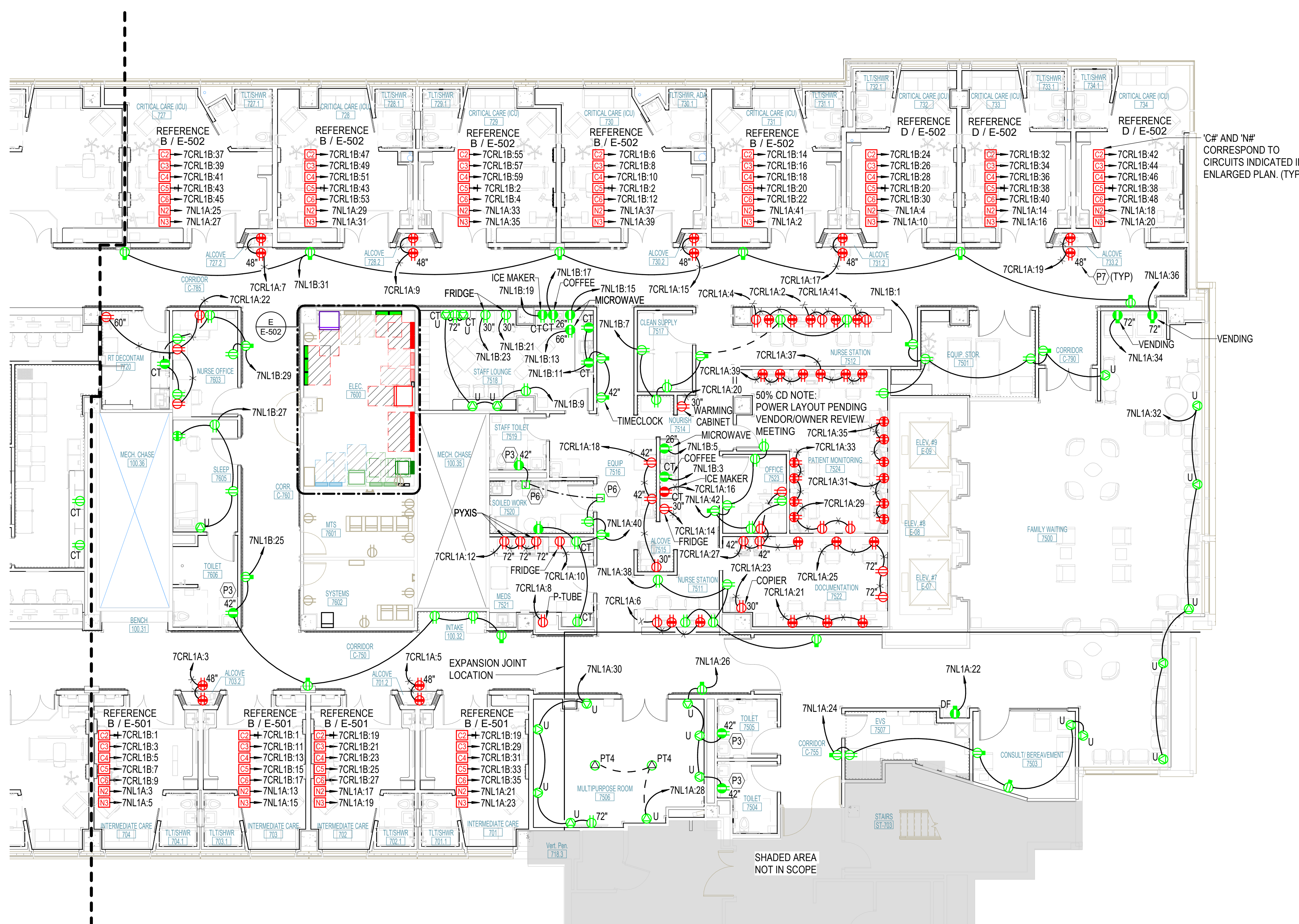
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Mercy Project No.: 2040-821203
Date: 01/07/2025
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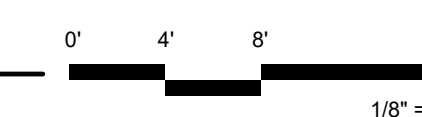
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR POWER PLAN - AREA B



Sheet No:
E-207B



7TH FLOOR POWER PLAN - AREA B
1/8" = 1'-0"





POWER GENERAL NOTES

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KEYNOTES

No.	Date	Description

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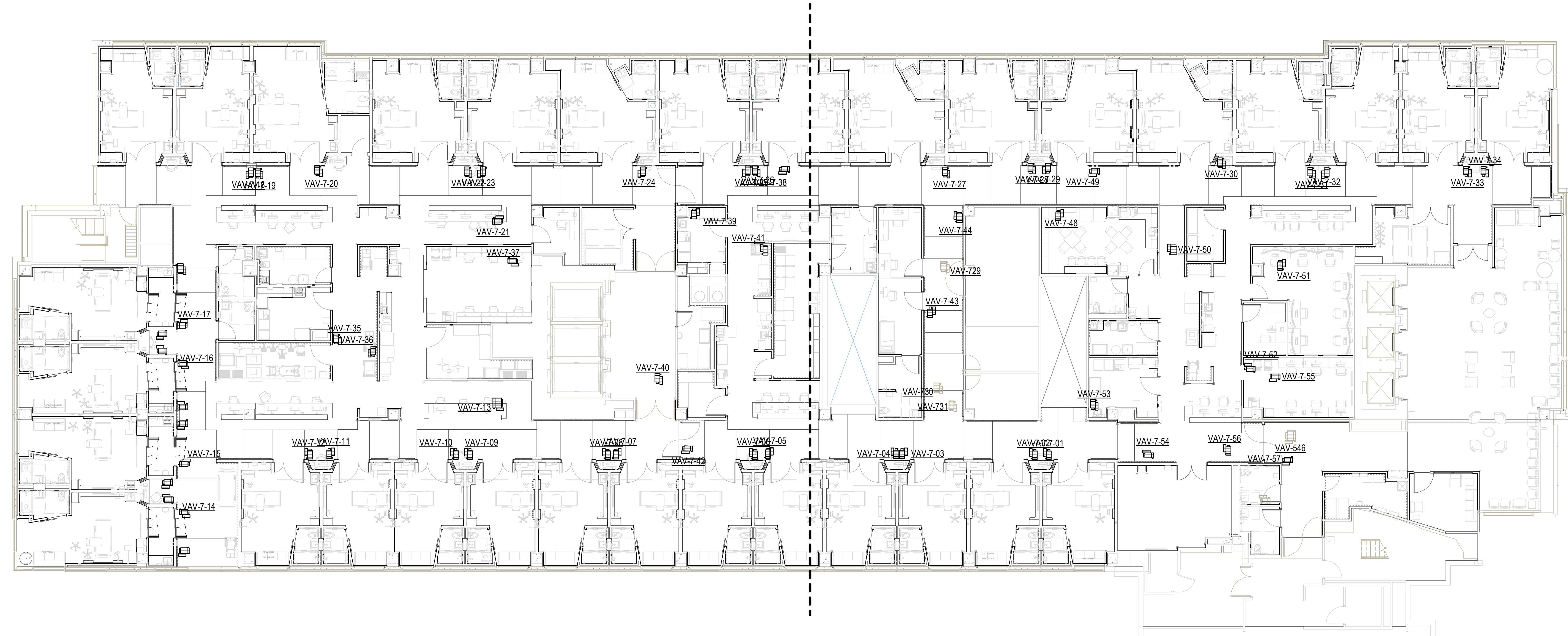
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Date: 01/07/2025
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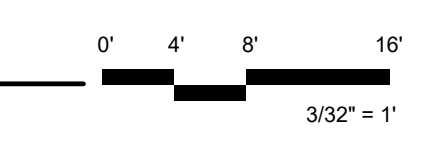
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR POWER PLAN - MECHANICAL CONNECTIONS



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624 S. UTICHAVE, SUITE 1400, TULSA, OK 74104
918-688-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026



MECH POWER PLAN - 7TH FLOOR
3/32" = 1'-0"



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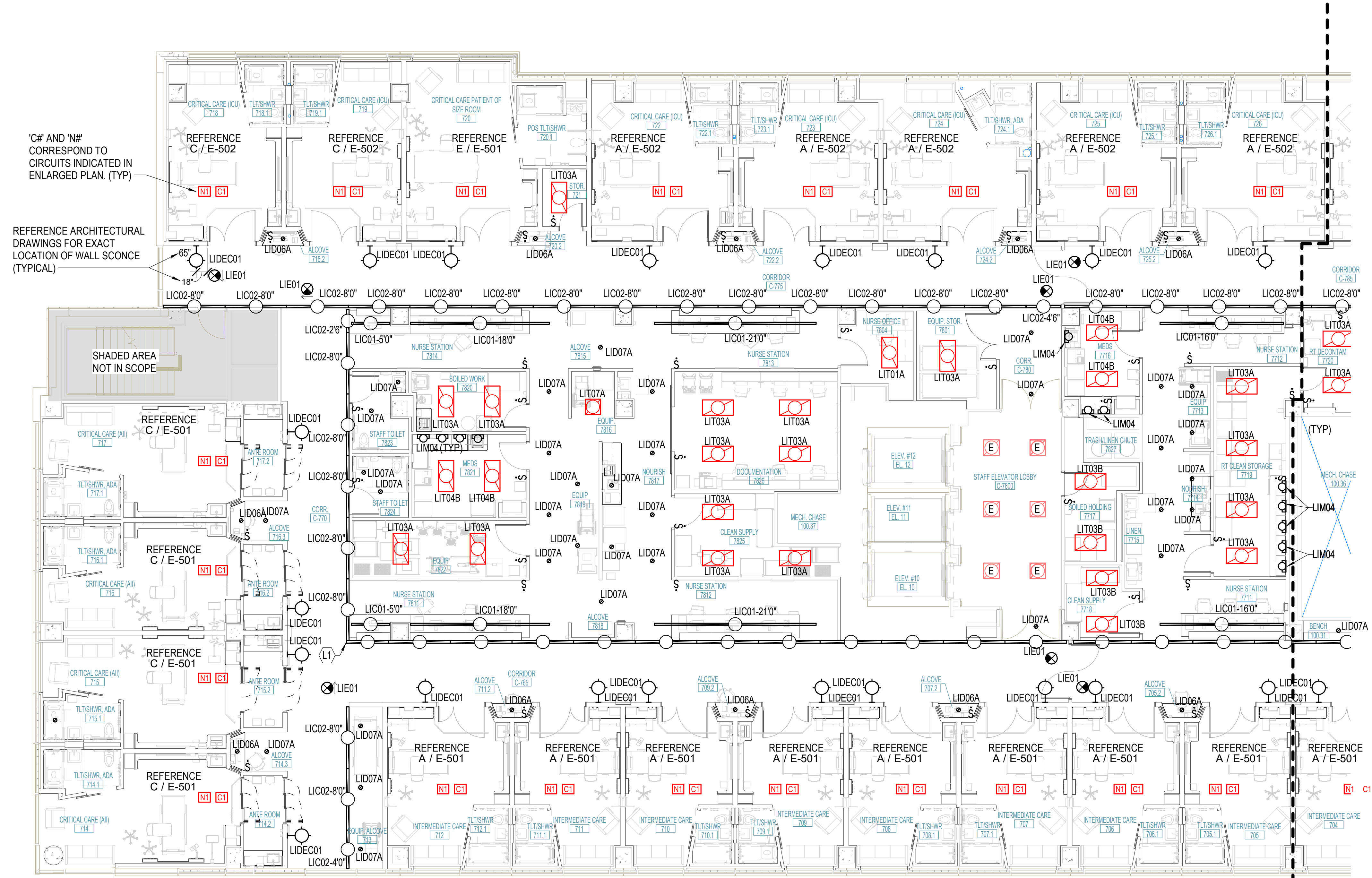
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Sheet No:
E-217

LIGHTING GENERAL NOTES

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KEYNOTES

- L1 PROVIDE OUTSIDE CORNER KIT TO CREATE SEAMLESS LIT CORNER.

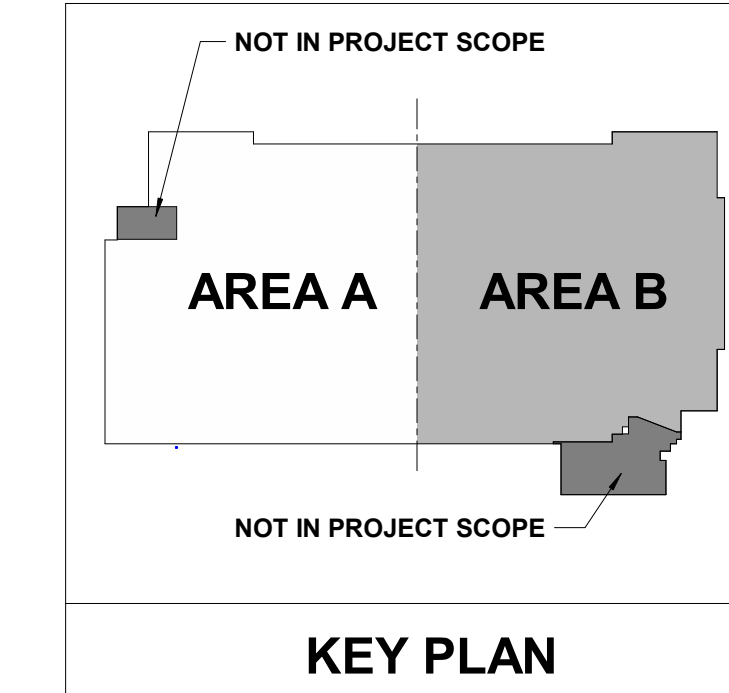


'C#' AND 'N#' CORRESPOND TO CIRCUITS INDICATED IN ENLARGED PLAN. (TYP)

REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF WALL SCONCE



7TH FLOOR LIGHTING PLAN - AREA A
1/8" = 1'-0"



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E-307A

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Mercy Project No.: 2040-821203
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR LIGHTING PLAN - AREA A

LIGHTING GENERAL NOTES

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KEYNOTES

No.	Date	Description

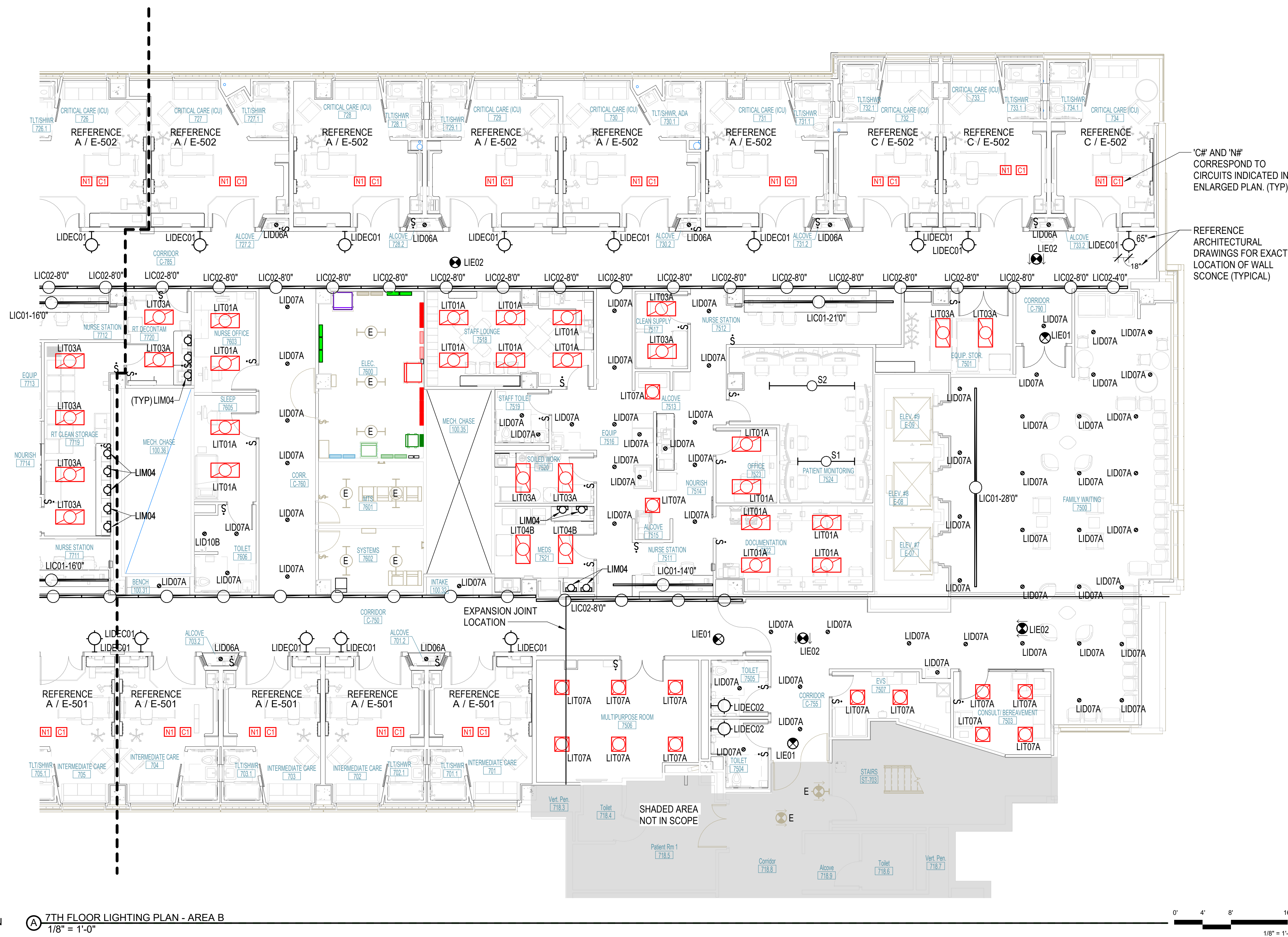
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Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR LIGHTING PLAN - AREA B

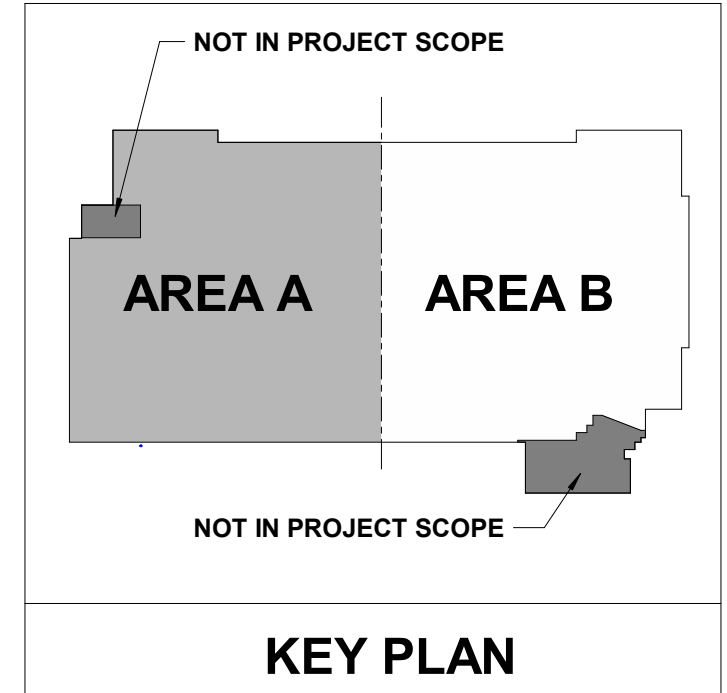
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1624 S. DUTCHMAN - SUITE 1400 - TULSA, OK 74114
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PEC PROJECT NUMBER: 240179-000 AR.C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2026

E-307B



*'CF' AND 'NF' CORRESPOND TO CIRCUITS INDICATED IN ENLARGED PLAN. (TYP)

REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF WALL SCONCE (TYPICAL)



ELECTRICAL GENERAL NOTES

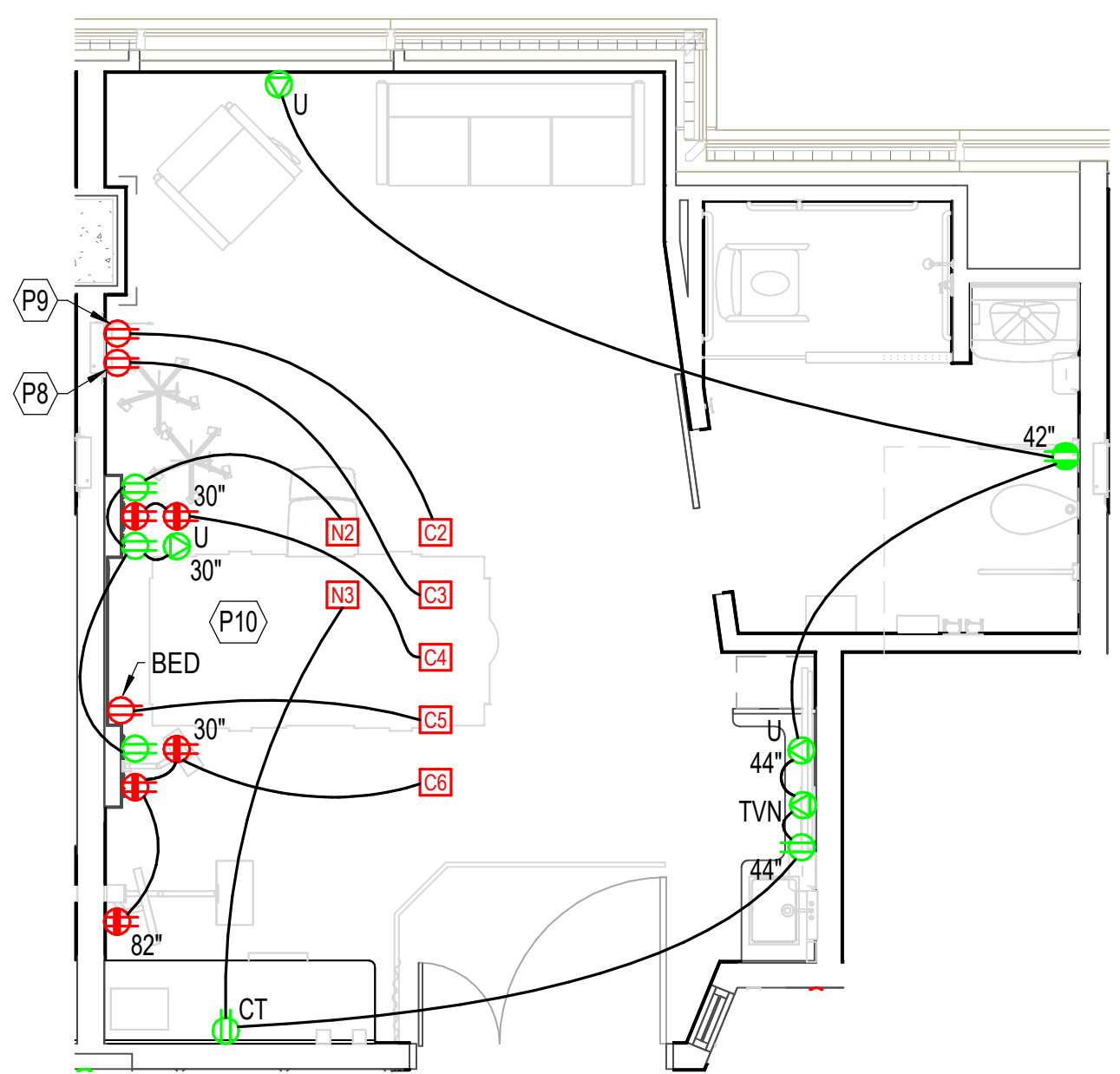
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No.	Date	Description
1	Date 1	Revision 1

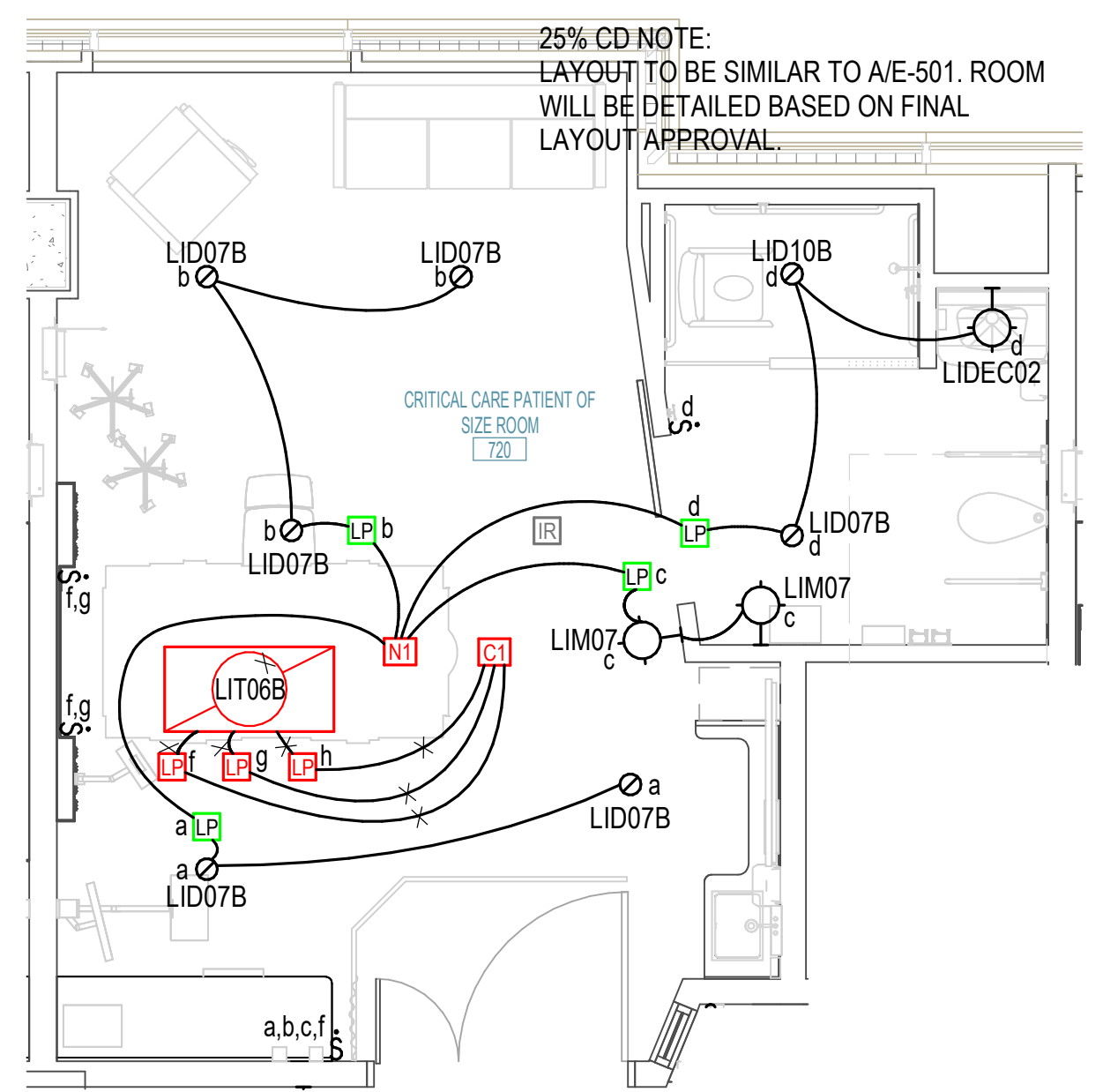
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Date: 01/07/2025
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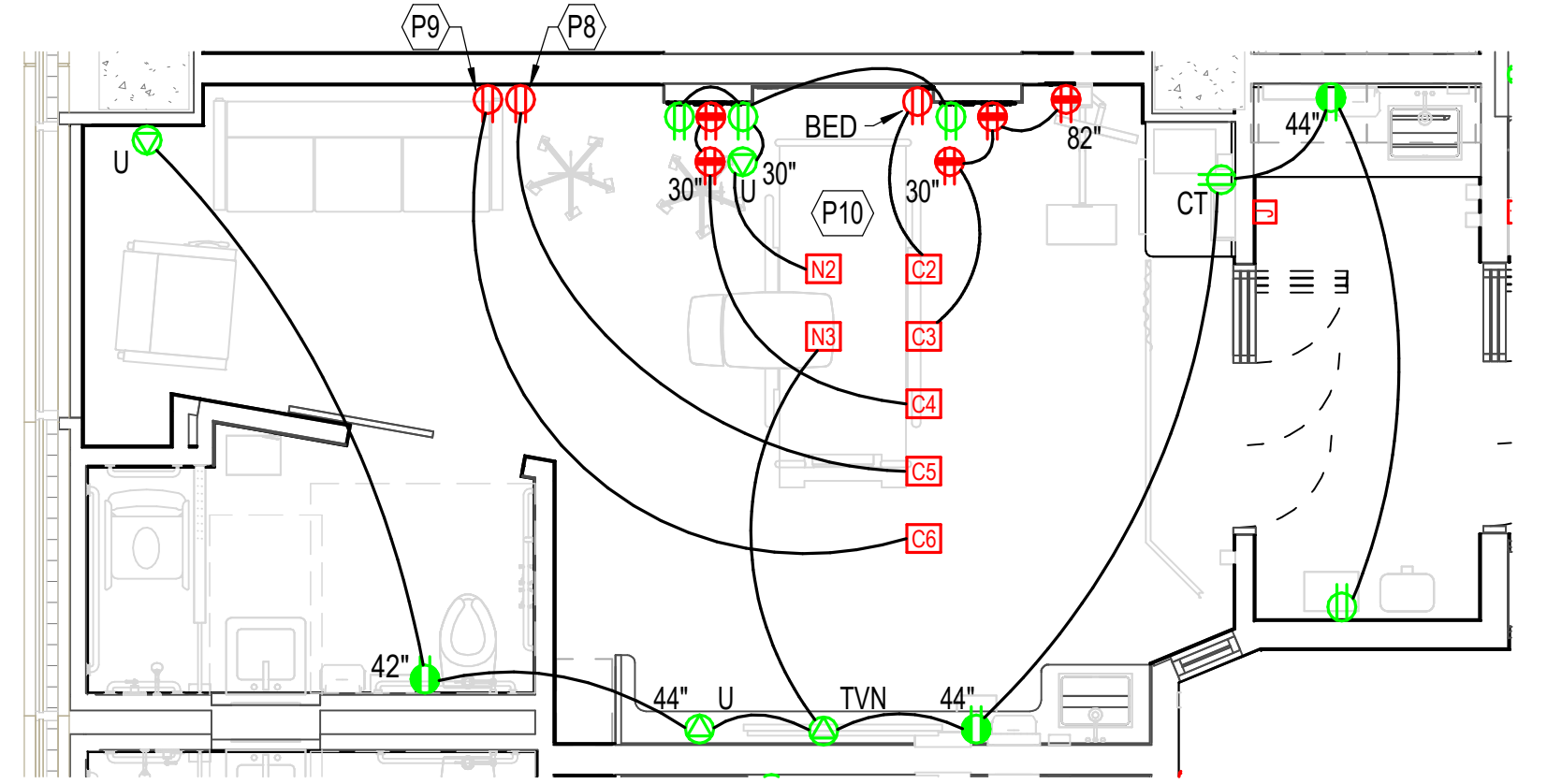
- # KEYNOTES**
- P8 RECEPTACLE TO BE LABELED 'DIALYSIS' AND MOUNTED AT 42".
 - P9 RECEPTACLE TO BE LABELED 'WATER TREAT' AND MOUNTED AT 42".
 - P10 REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT OF HEADWALL DEVICES.



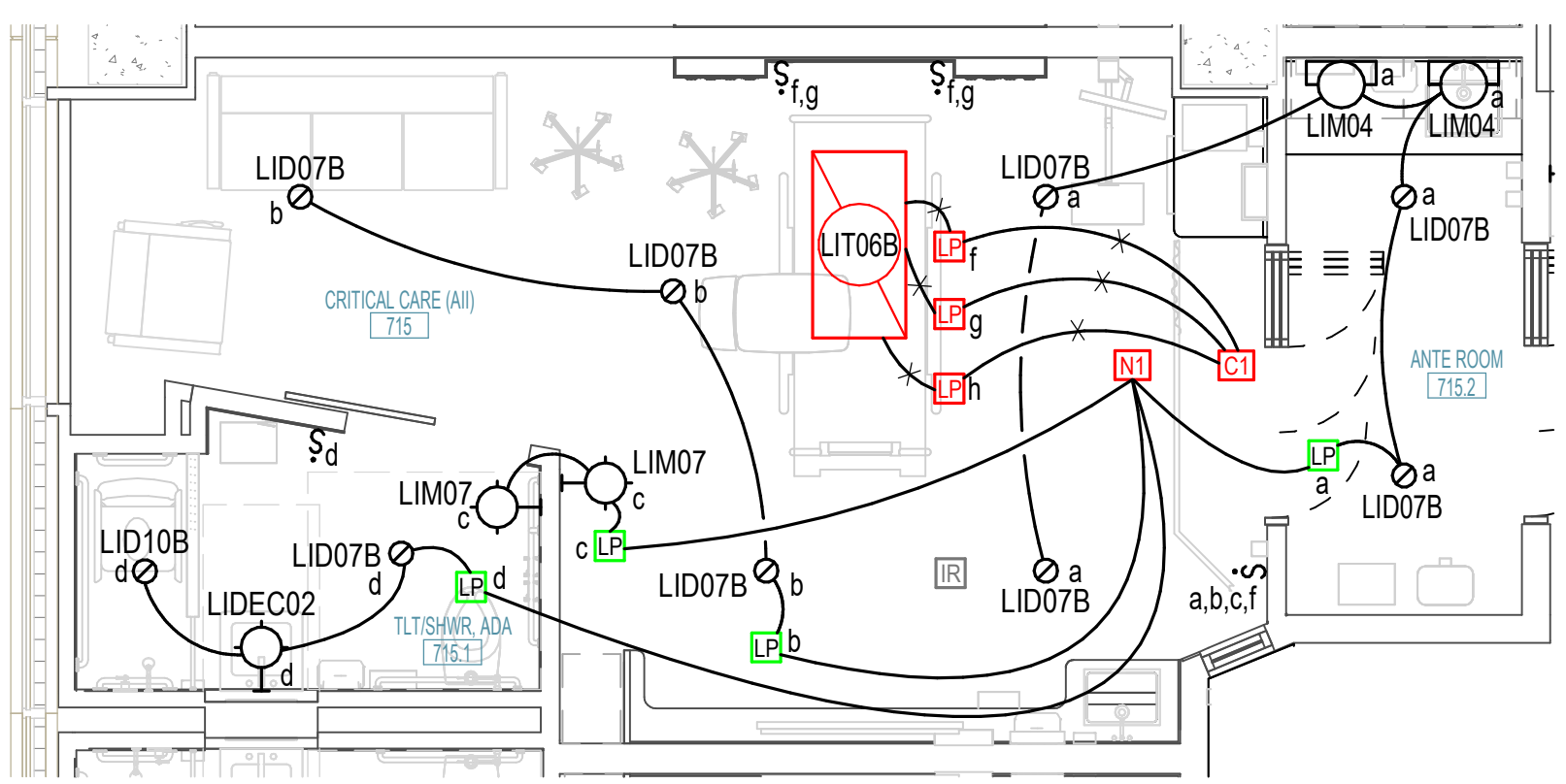
F ENLARGED CRITICAL CARE PATIENT OF SIZE - POWER
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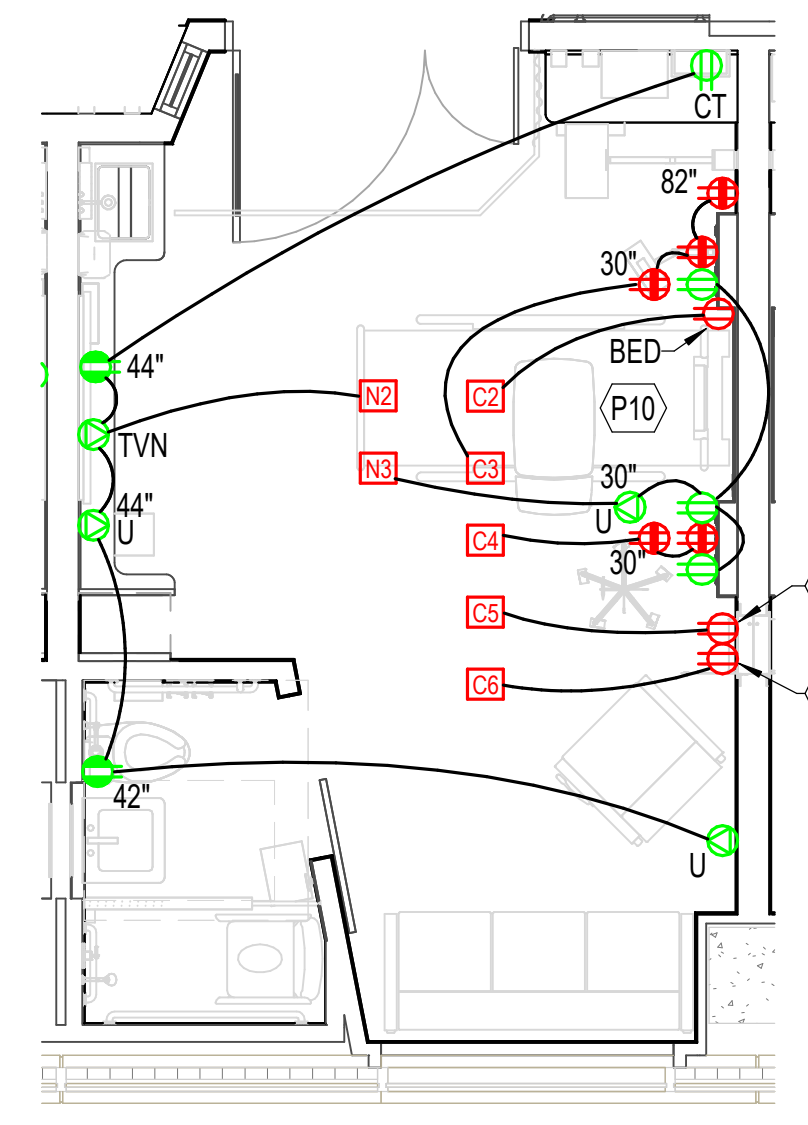
E ENLARGED CRITICAL CARE PATIENT OF SIZE - LIGHTING
0' 2' 4' 6' 1/4" = 1'-0"



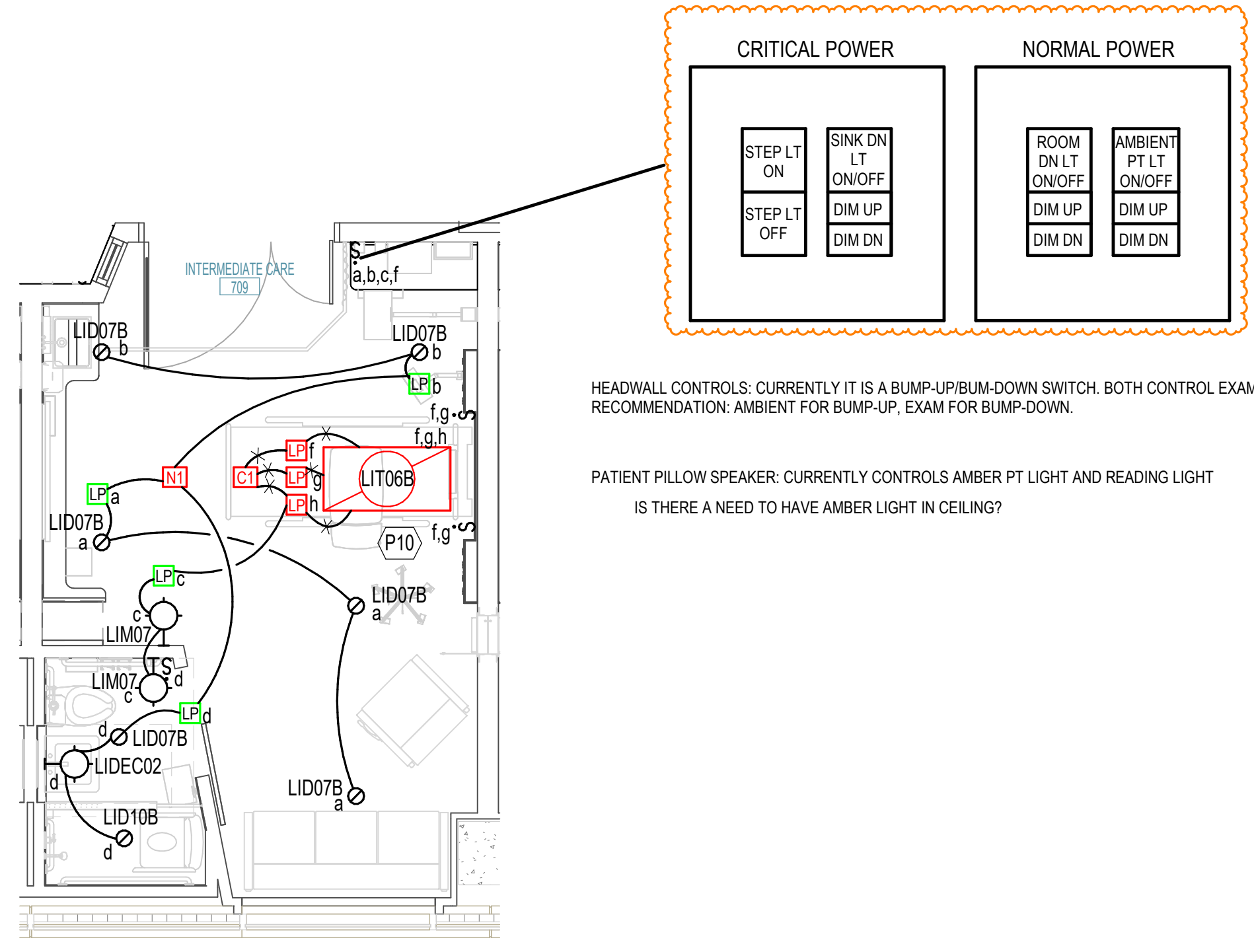
D TYPICAL ENLARGED CRITICAL CARE (AII) - POWER
0' 2' 4' 6' 1/4" = 1'-0"



C TYPICAL ENLARGED CRITICAL CARE (AII) - LIGHTING
0' 2' 4' 6' 1/4" = 1'-0"



B TYPICAL ENLARGED INTERMEDIATE CARE - POWER
0' 2' 4' 6' 1/4" = 1'-0"



A TYPICAL ENLARGED INTERMEDIATE CARE - LIGHTING
0' 2' 4' 6' 1/4" = 1'-0"

CRITICAL POWER	NORMAL POWER
STEP LT ON	ROOM DN LT ON/OFF
STEP LT OFF	AMBIENT PT LT ON/OFF
SINK DN LT ON/OFF	DIM UP
DIM DN	DIM DN

HEADWALL CONTROLS: CURRENTLY IT IS A BUMP-UP/BUMP-DOWN SWITCH. BOTH CONTROL EXAM. RECOMMENDATION: AMBIENT FOR BUMP-UP, EXAM FOR BUMP-DOWN.

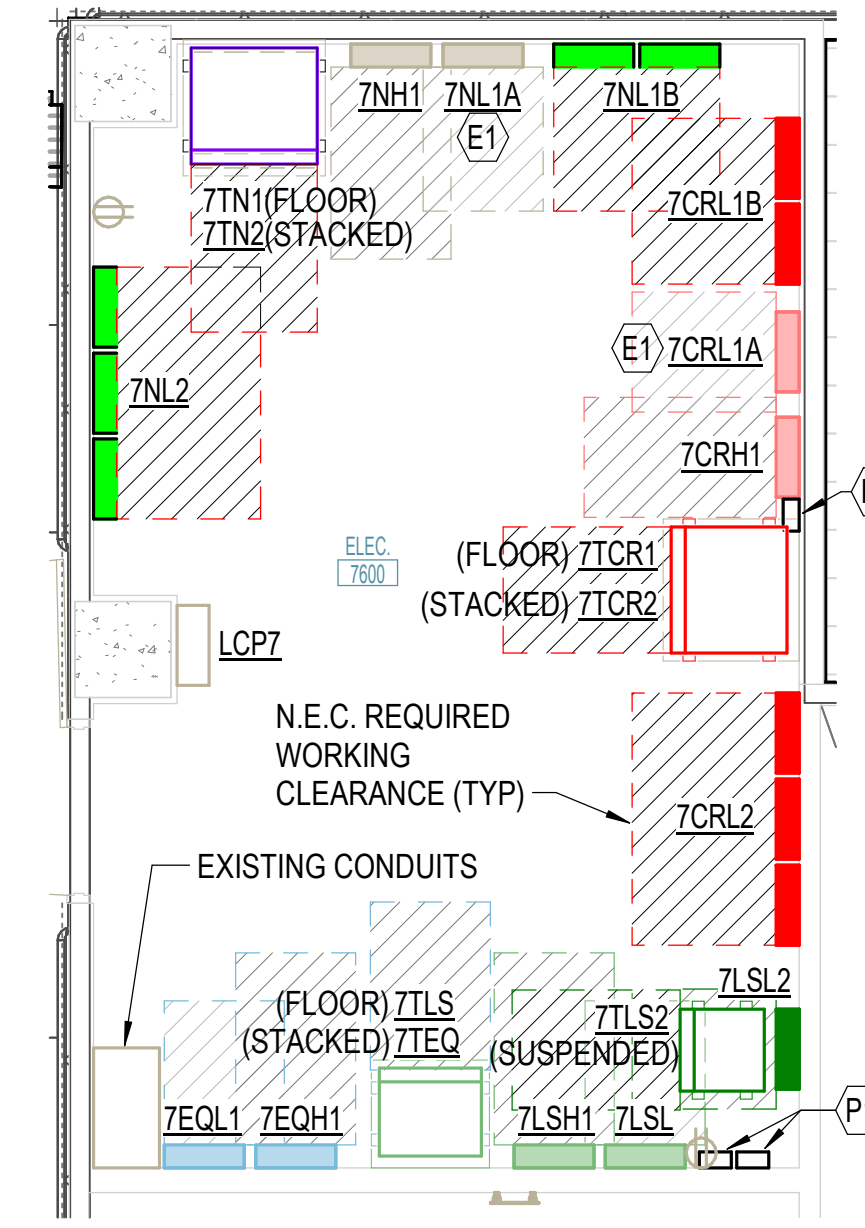
PATIENT PILLOW SPEAKER: CURRENTLY CONTROLS AMBER PT LIGHT AND READING LIGHT. IS THERE A NEED TO HAVE AMBER LIGHT IN CEILING?

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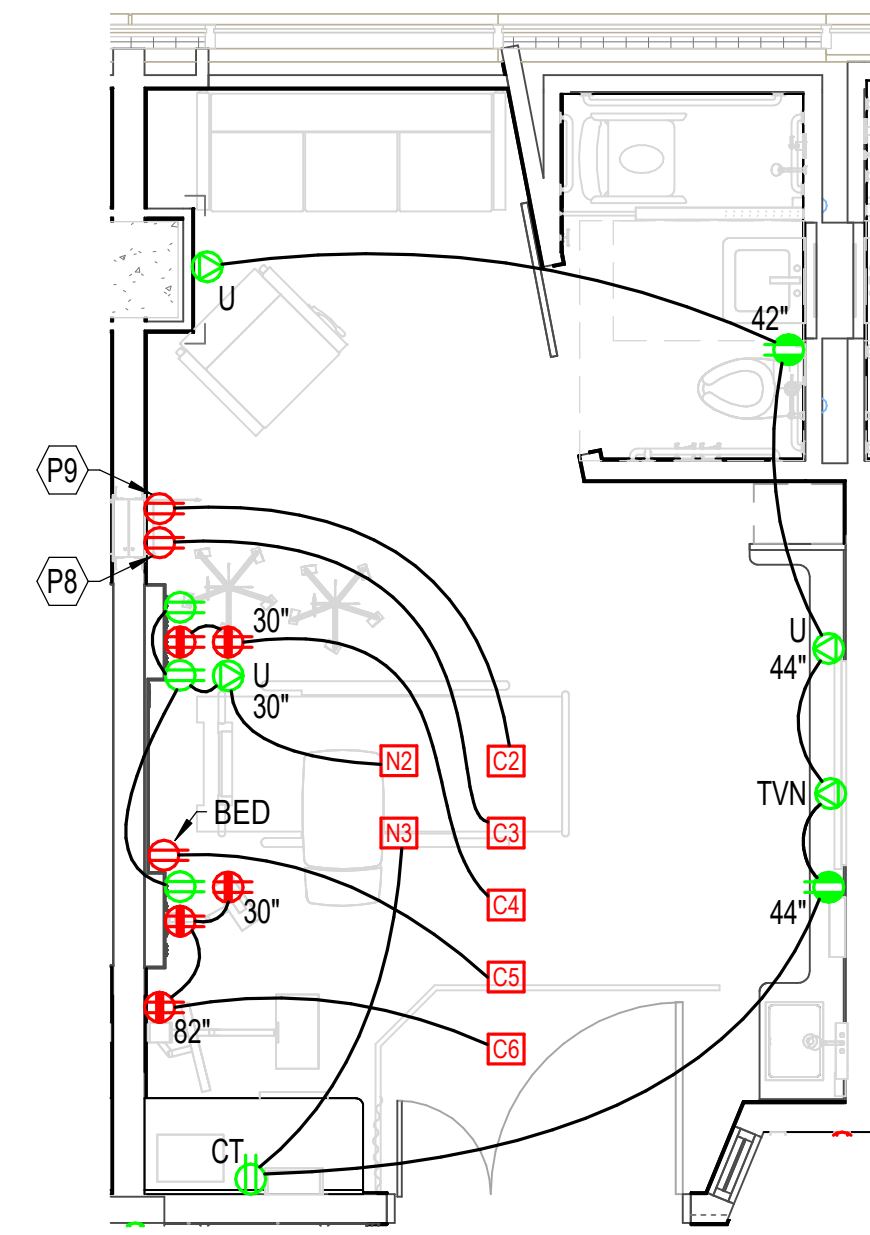
KEYNOTES

- E1 CONTRACTOR TO VERIFY EXISTING PANELBOARD HAS BEEN PROVIDED WITH FEED-THRU LUGS. IF EXISTING IS NOT PROVIDED WITH FEED-THRU LUGS, CONTRACTOR TO PROVIDE FEED-THRU LUG KIT TO FEED PANELBOARD AS INDICATED ON ONE-LINE DIAGRAM.
- P1 LOCATION OF EXTERNAL SURGE PROTECTIVE DEVICE FOR PANELBOARD.
- P8 RECEPTACLE TO BE LABELED 'DIALYSIS' AND MOUNTED AT 42".
- P9 RECEPTACLE TO BE LABELED 'WATER TREAT' AND MOUNTED AT 42".



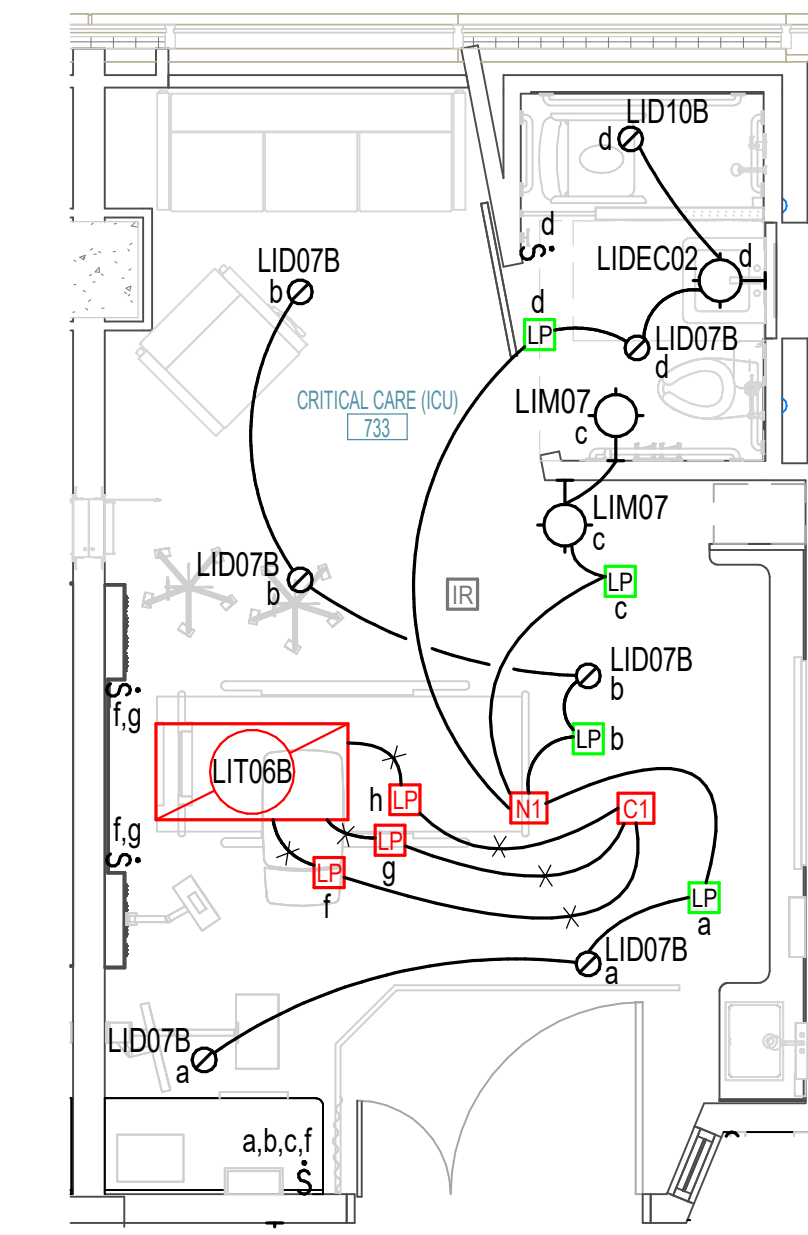
E ENLARGED ELECTRICAL ROOM

0' 2' 4' 6' 1/4" = 1'-0"



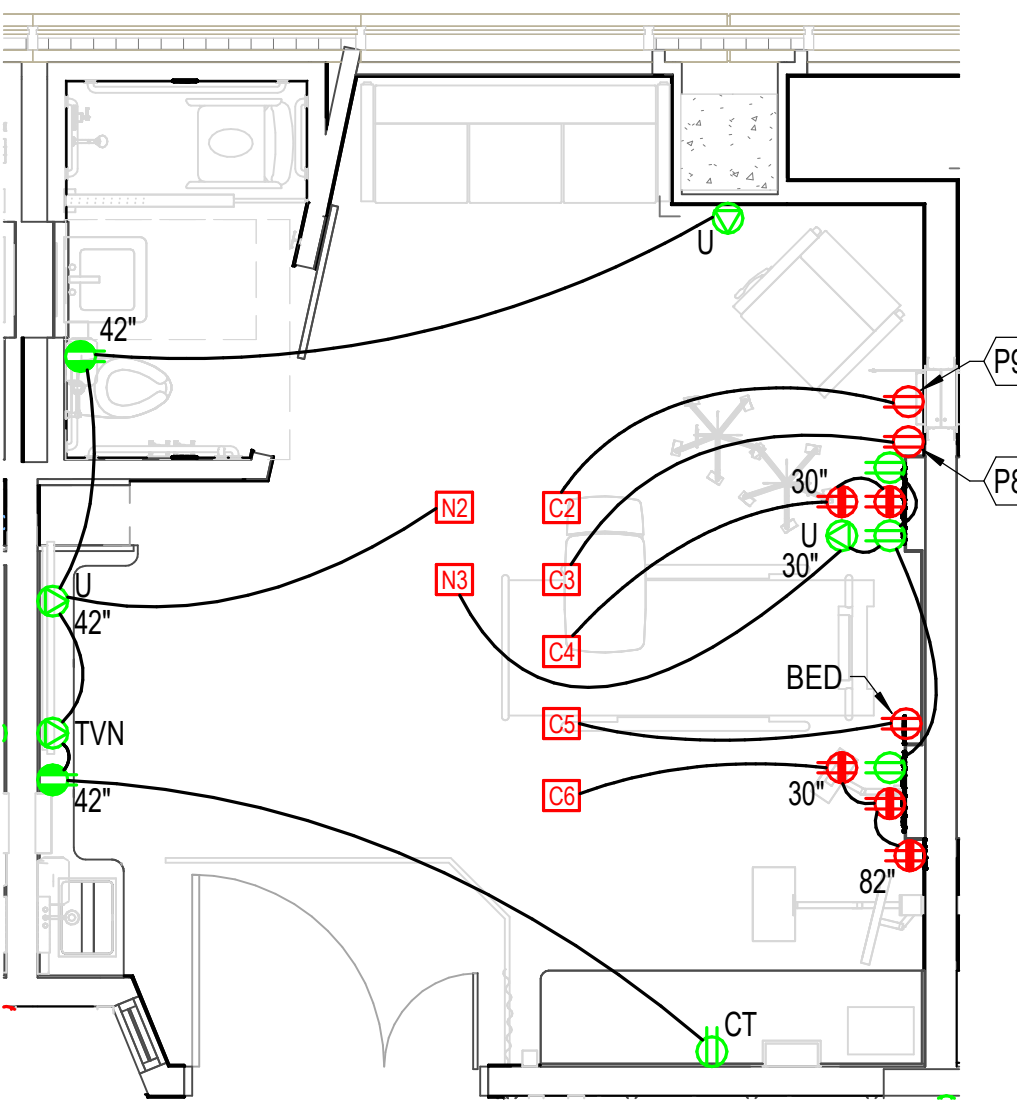
D TYPICAL ENLARGED CRITICAL CARE (ICU) - POWER

0' 2' 4' 6' 1/4" = 1'-0"



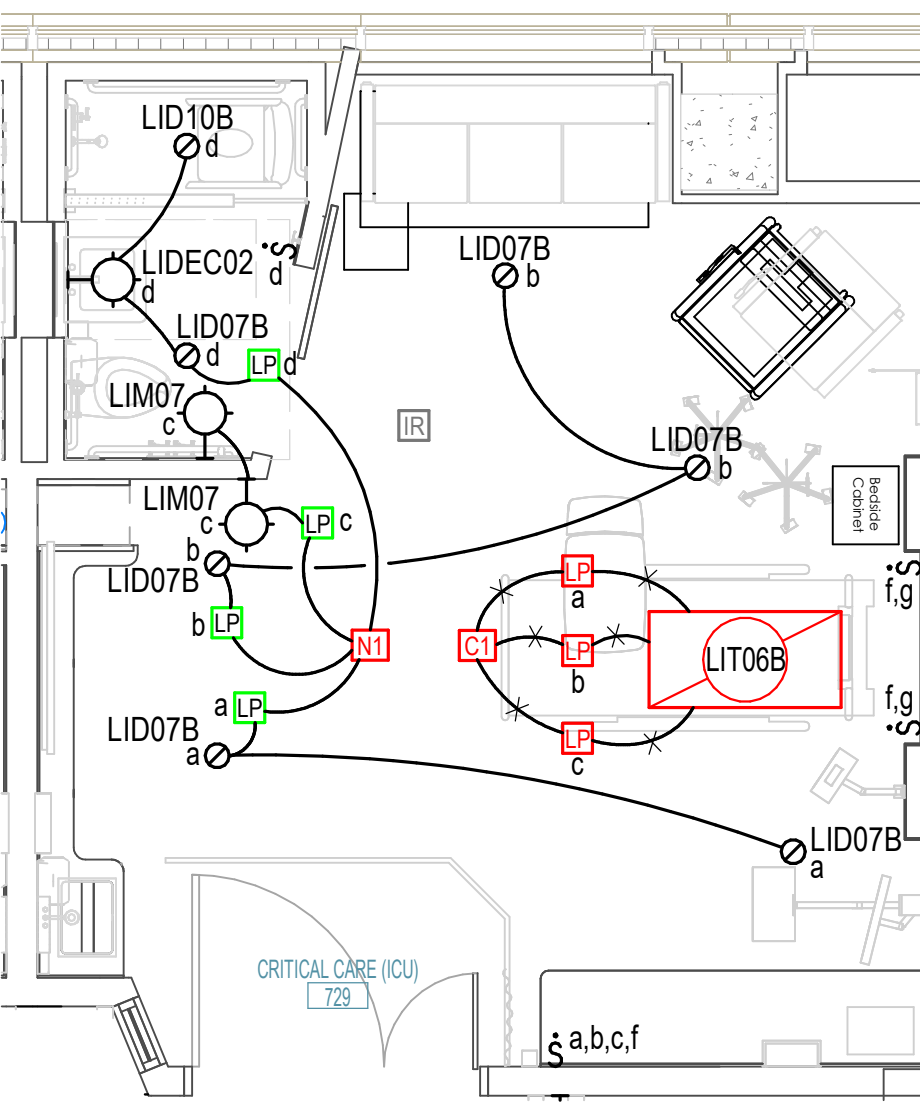
C TYPICAL ENLARGED CRITICAL CARE (ICU) - LIGHTING

0' 2' 4' 6' 1/4" = 1'-0"



B TYPICAL ENLARGED CRITICAL CARE (ICU) - POWER

0' 2' 4' 6' 1/4" = 1'-0"



A TYPICAL ENLARGED CRITICAL CARE (ICU) - LIGHTING

0' 2' 4' 6' 1/4" = 1'-0"

No.	Date	Description

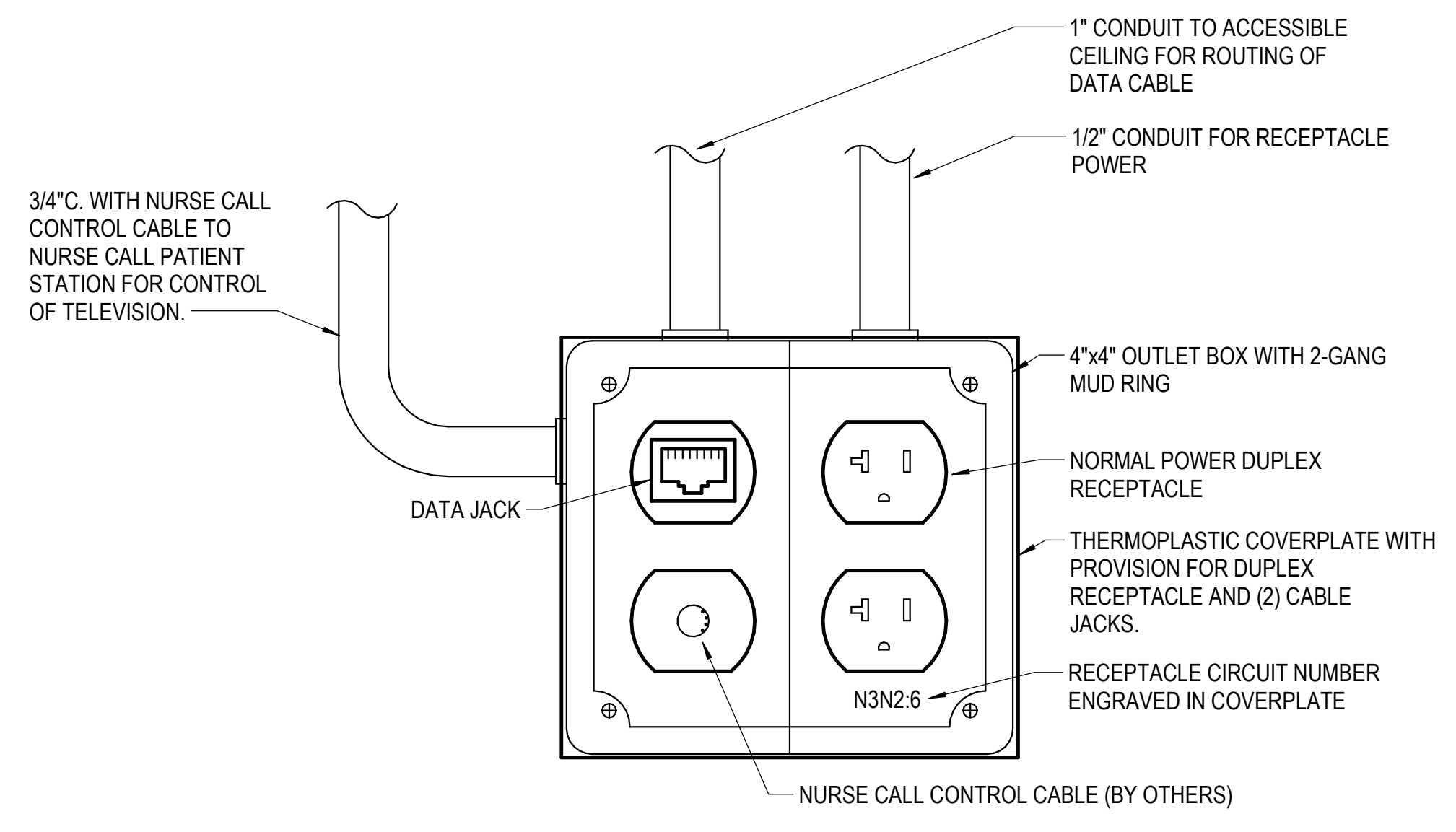
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Mercy Project No.: 2040-821203
Date: 01/07/2025
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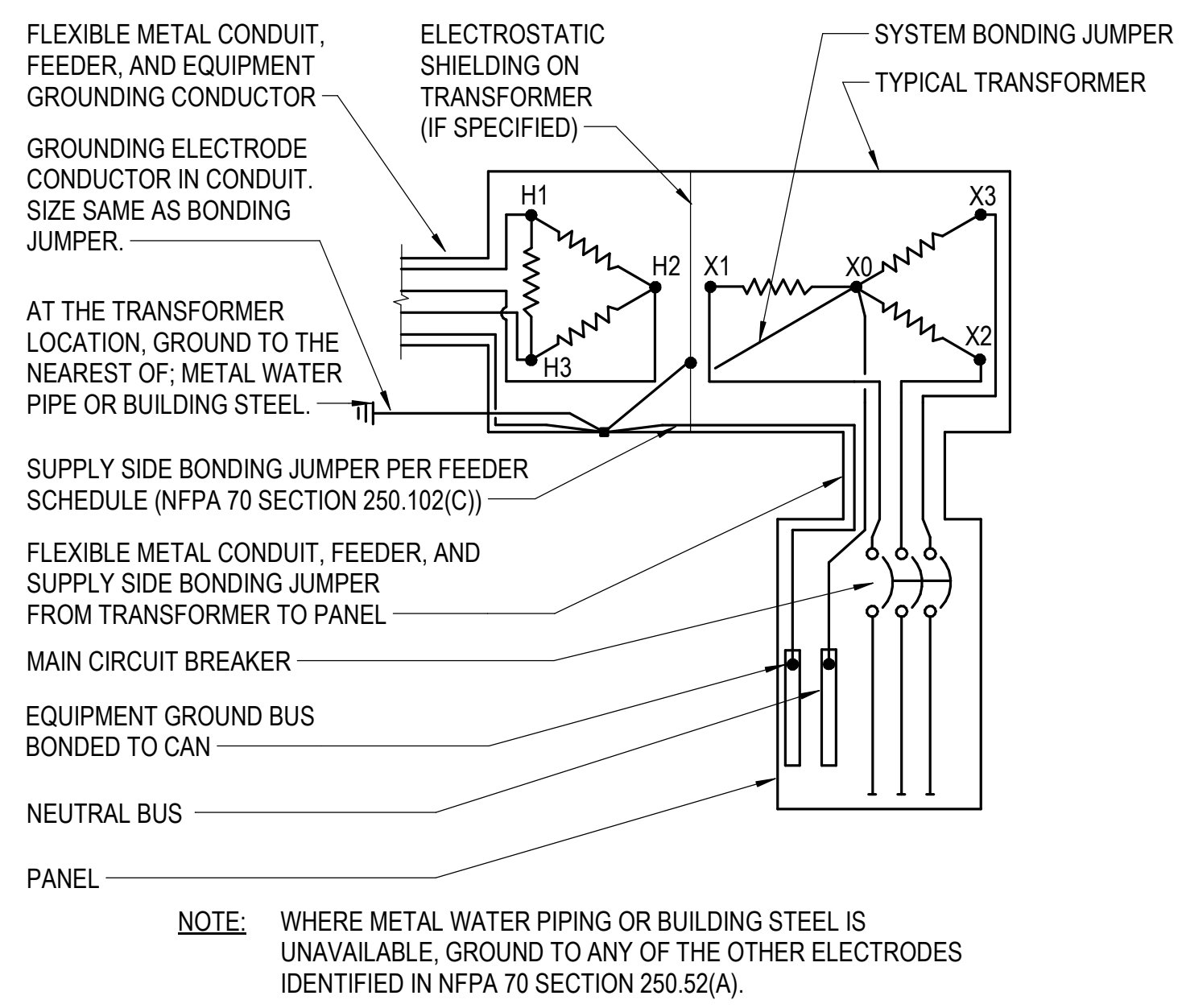
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

E-502

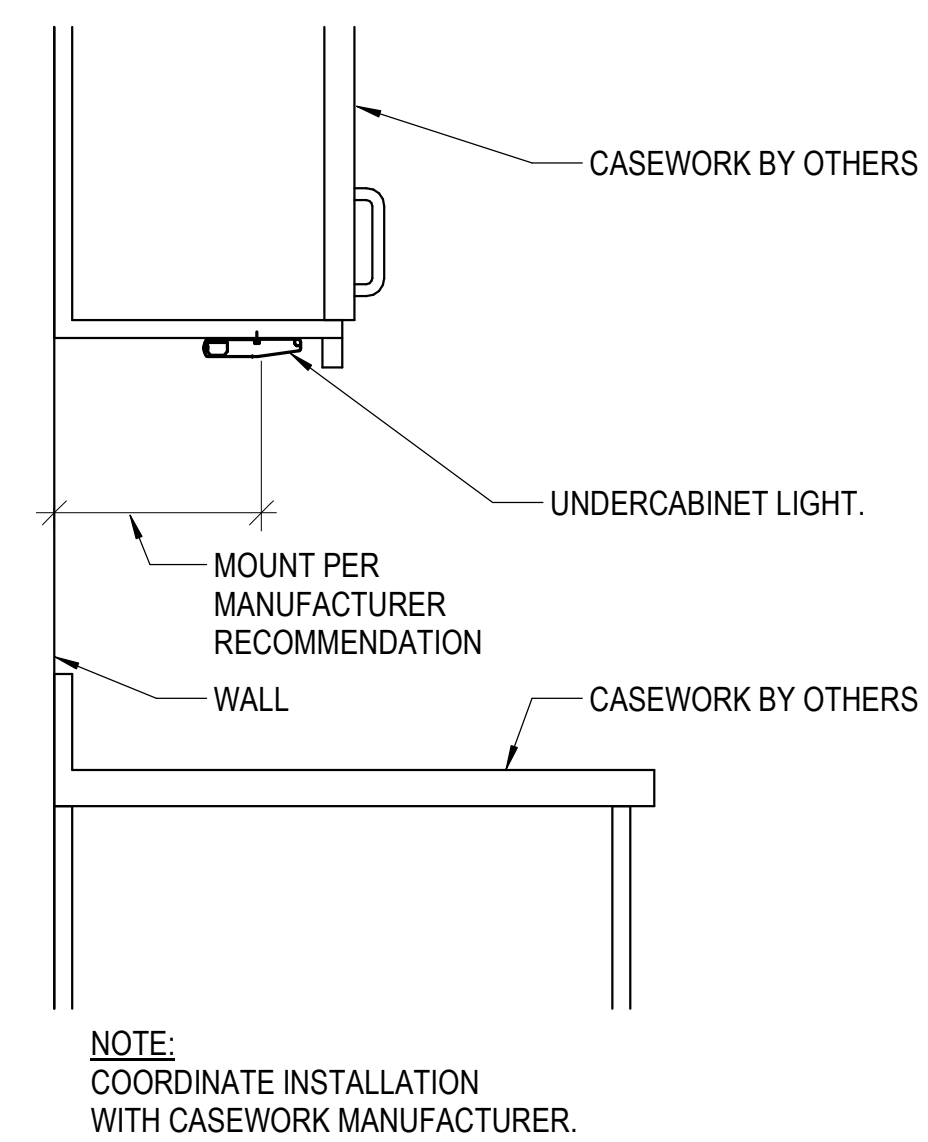
PEC PROFESSIONAL ENGINEERING CONSULTANTS P.A.
1624 S LITTLER AVE. SUITE 1400, TULSA, OK 74104
918-684-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 AR.C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026



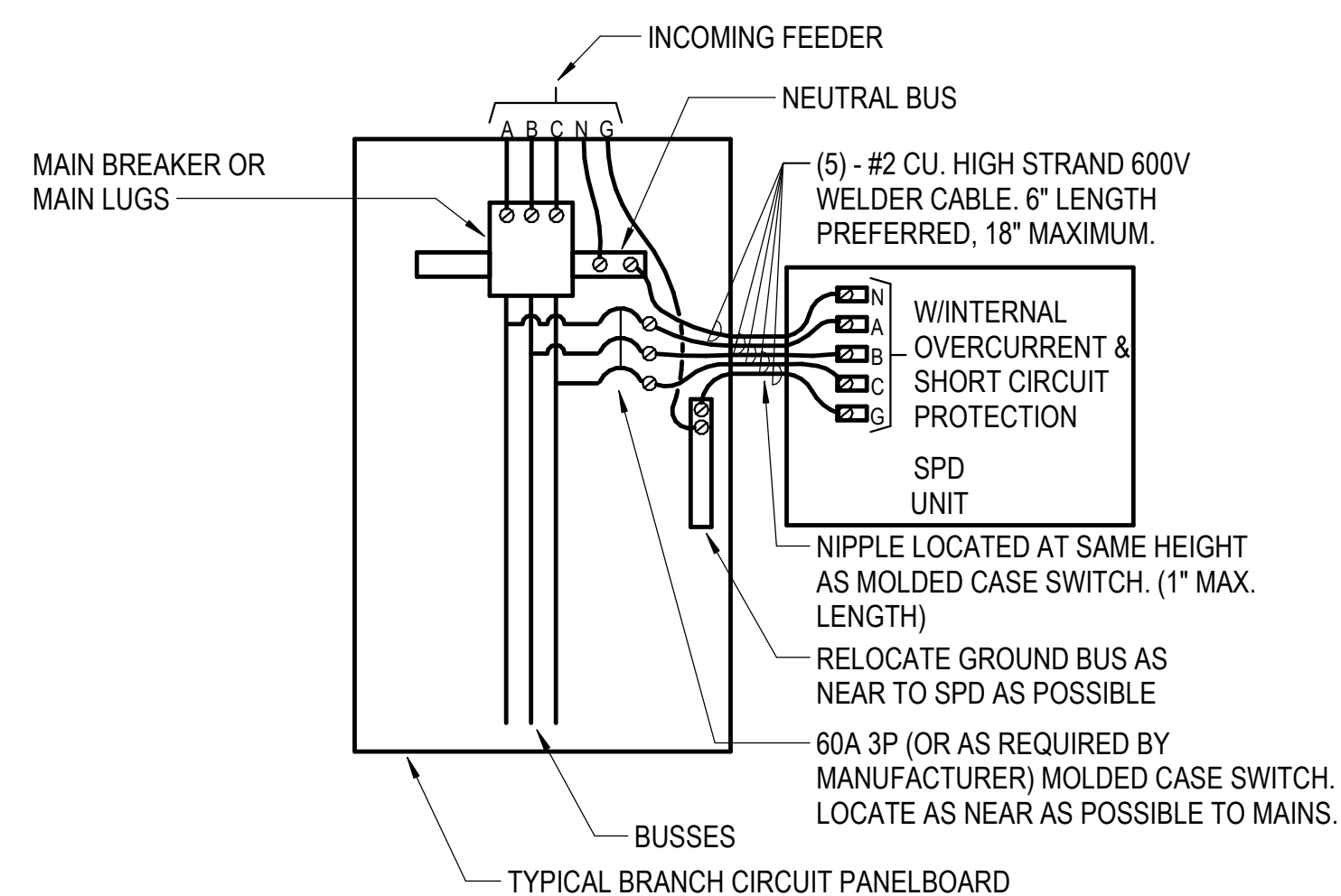
9 TELEVISION OUTLET WITH NURSE CALL CONNECTION DETAIL
NO SCALE



8 TYPICAL TRANSFORMER GROUNDING DETAIL
NO SCALE

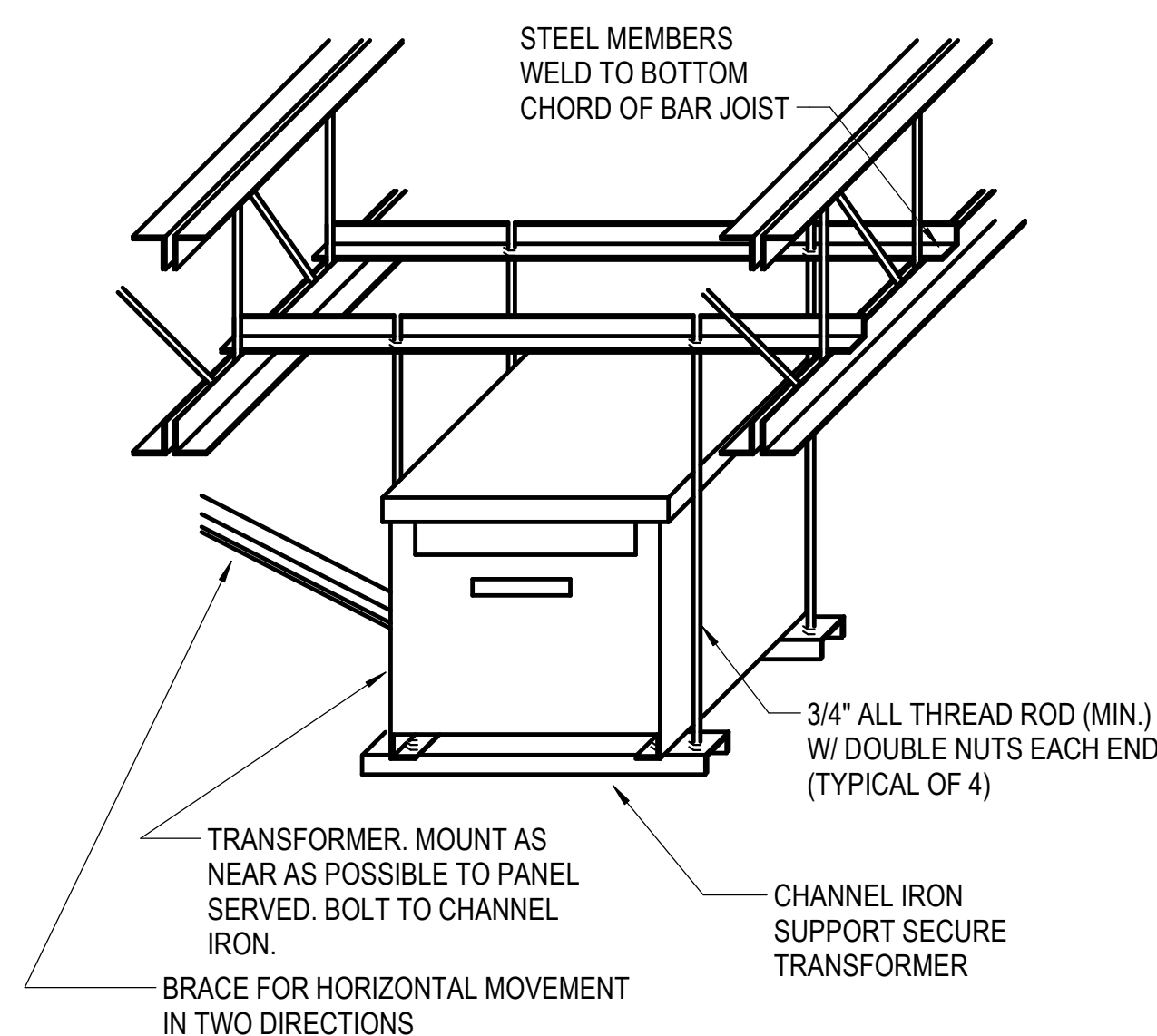


7 TYPICAL UNDERCABINET FIXTURE INSTALLATION
NO SCALE



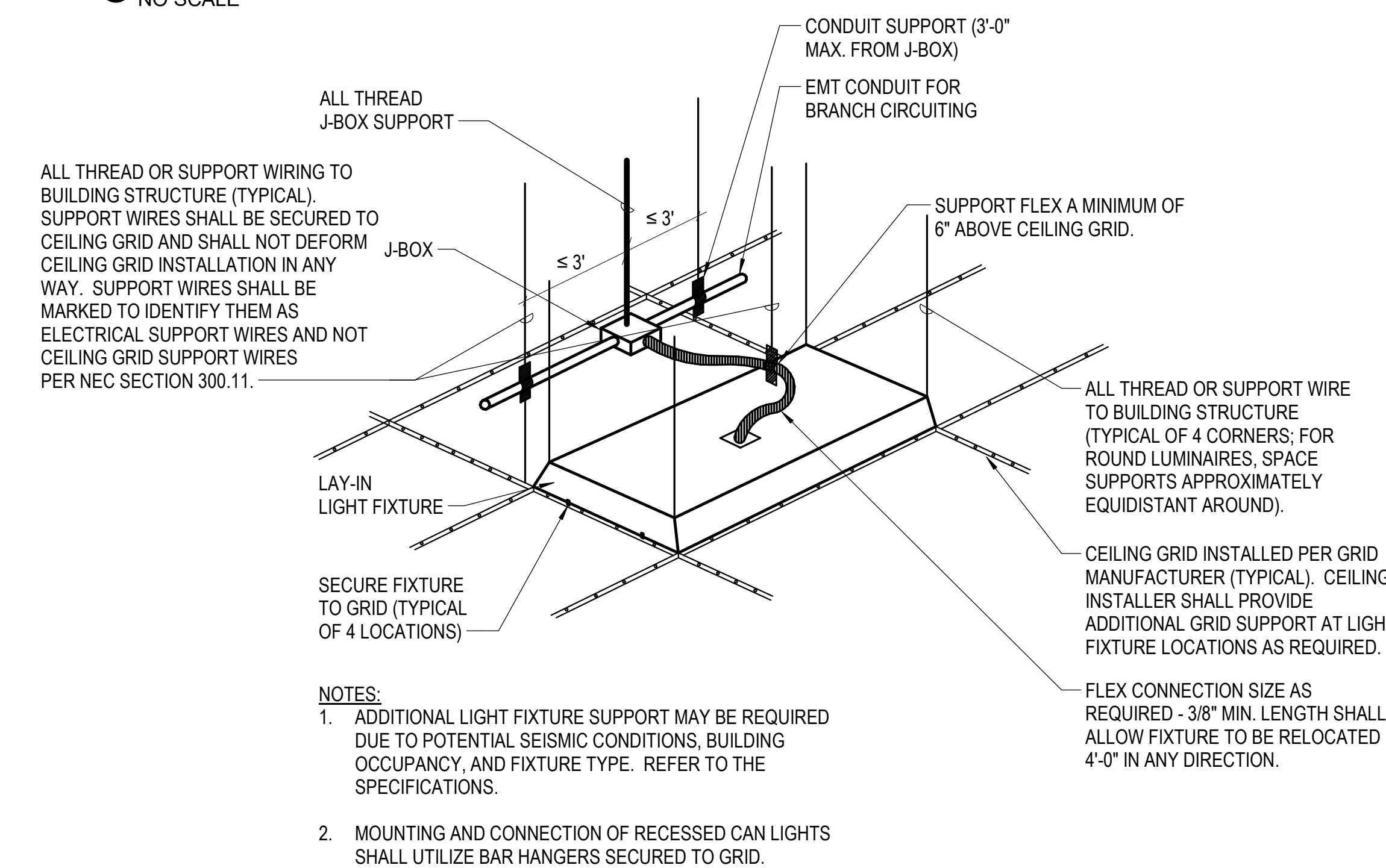
- NOTES:
- SPD AND MOLDED CASE SWITCH SHALL BE LOCATED AT THE BOTTOM OF THE PANEL. IF THE MAIN BREAKER OR MAIN LUGS ARE AT THAT END.
 - WHERE INSTALLING SPD FOR EXISTING PANEL, LOCATE AS NEAR AS POSSIBLE TO PANEL, MOUNTED ON WALL.

6 SPD INSTALLATION DETAIL - PANELBOARD
NO SCALE



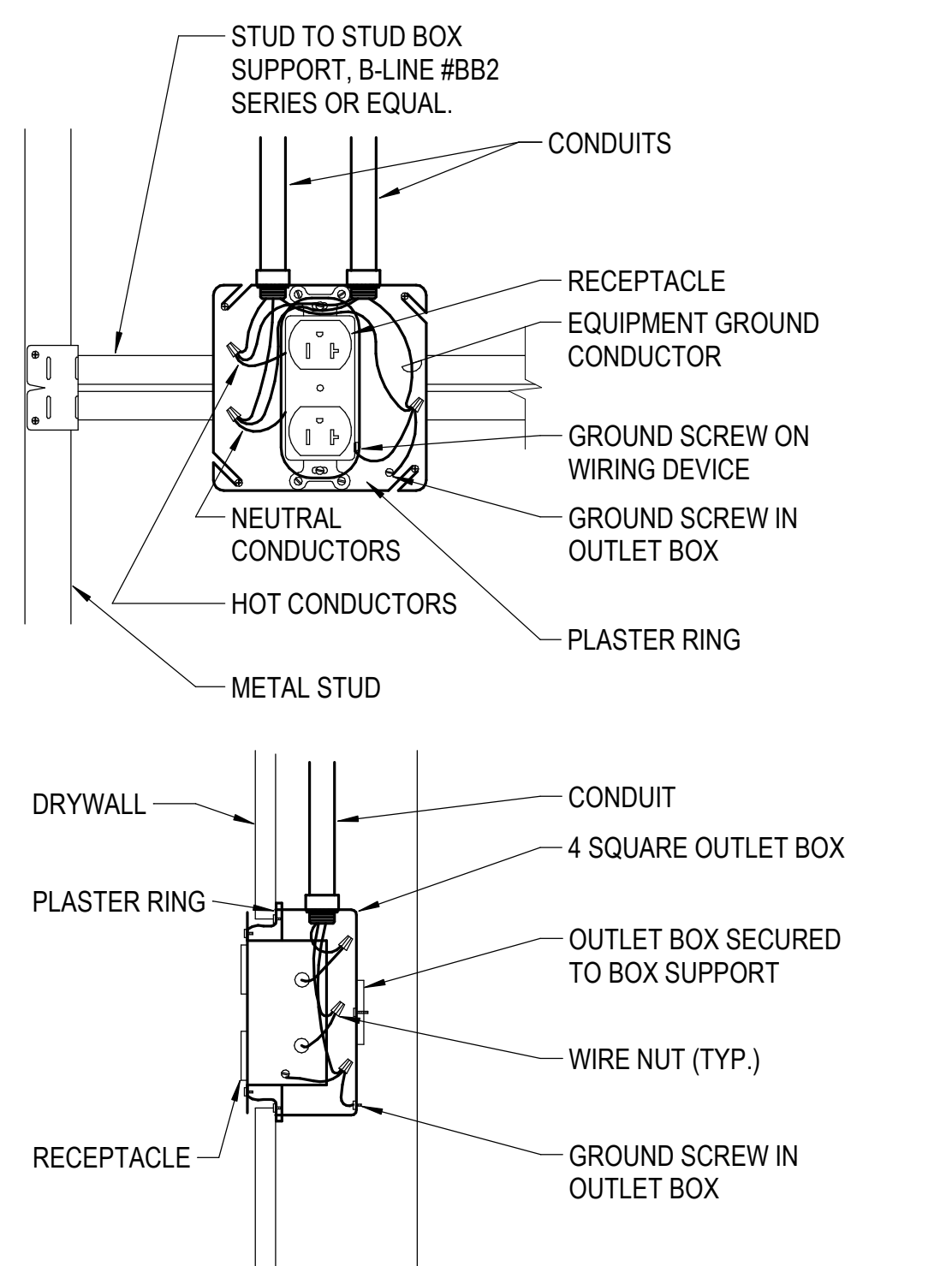
- NOTE:
- PROVIDE 12\"/>

5 TRANSFORMER MOUNTING - STEEL JOISTS
NO SCALE

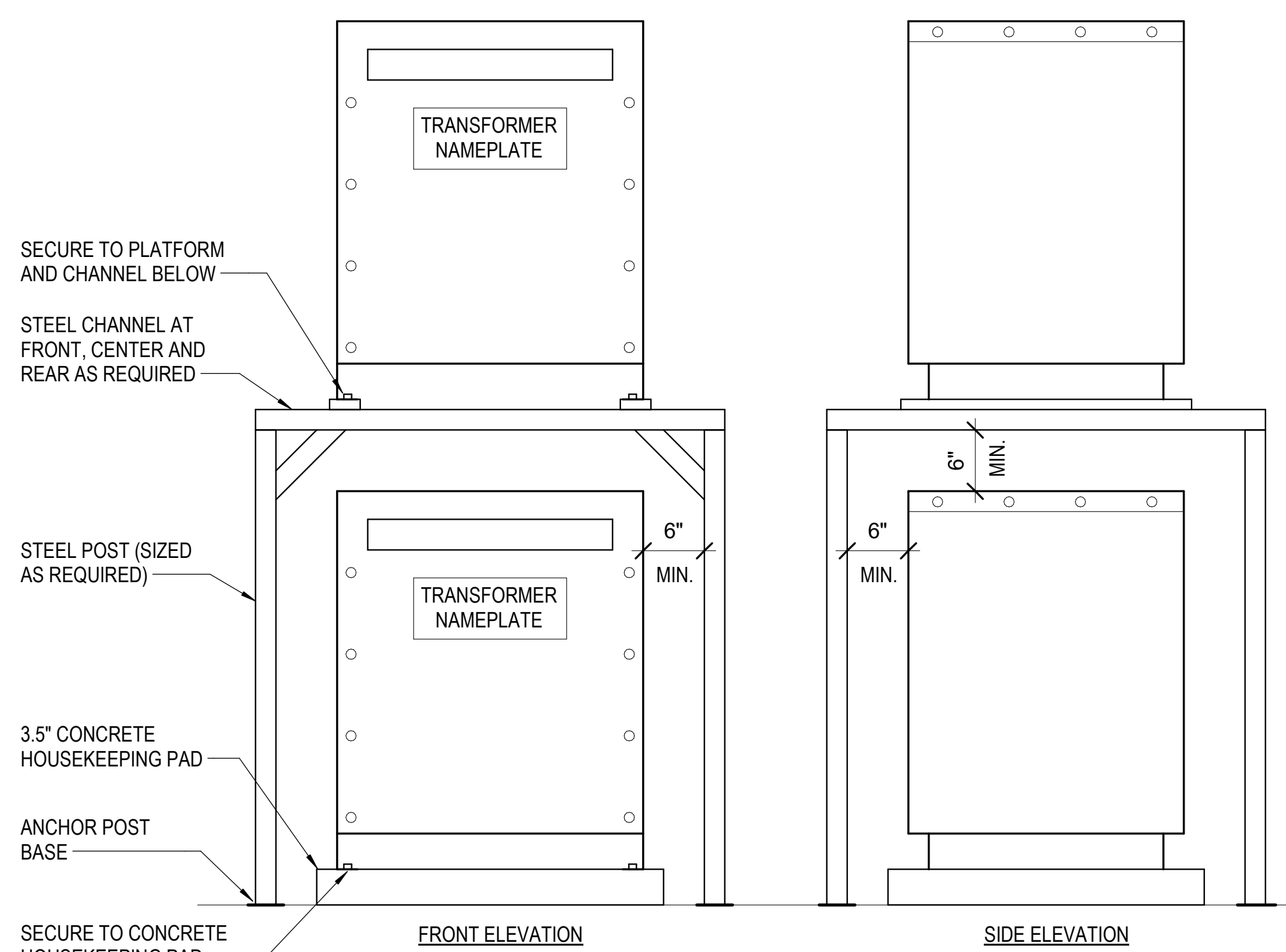


- NOTES:
- ADDITIONAL LIGHT FIXTURE SUPPORT MAY BE REQUIRED DUE TO POTENTIAL SEISMIC CONDITIONS, BUILDING OCCUPANCY, AND FIXTURE TYPE. REFER TO THE SPECIFICATIONS.
 - MOUNTING AND CONNECTION OF RECESSED CAN LIGHTS SHALL UTILIZE BAR HANGERS SECURED TO GRID.

4 TYPICAL LAY-IN FIXTURE INSTALLATION
NO SCALE

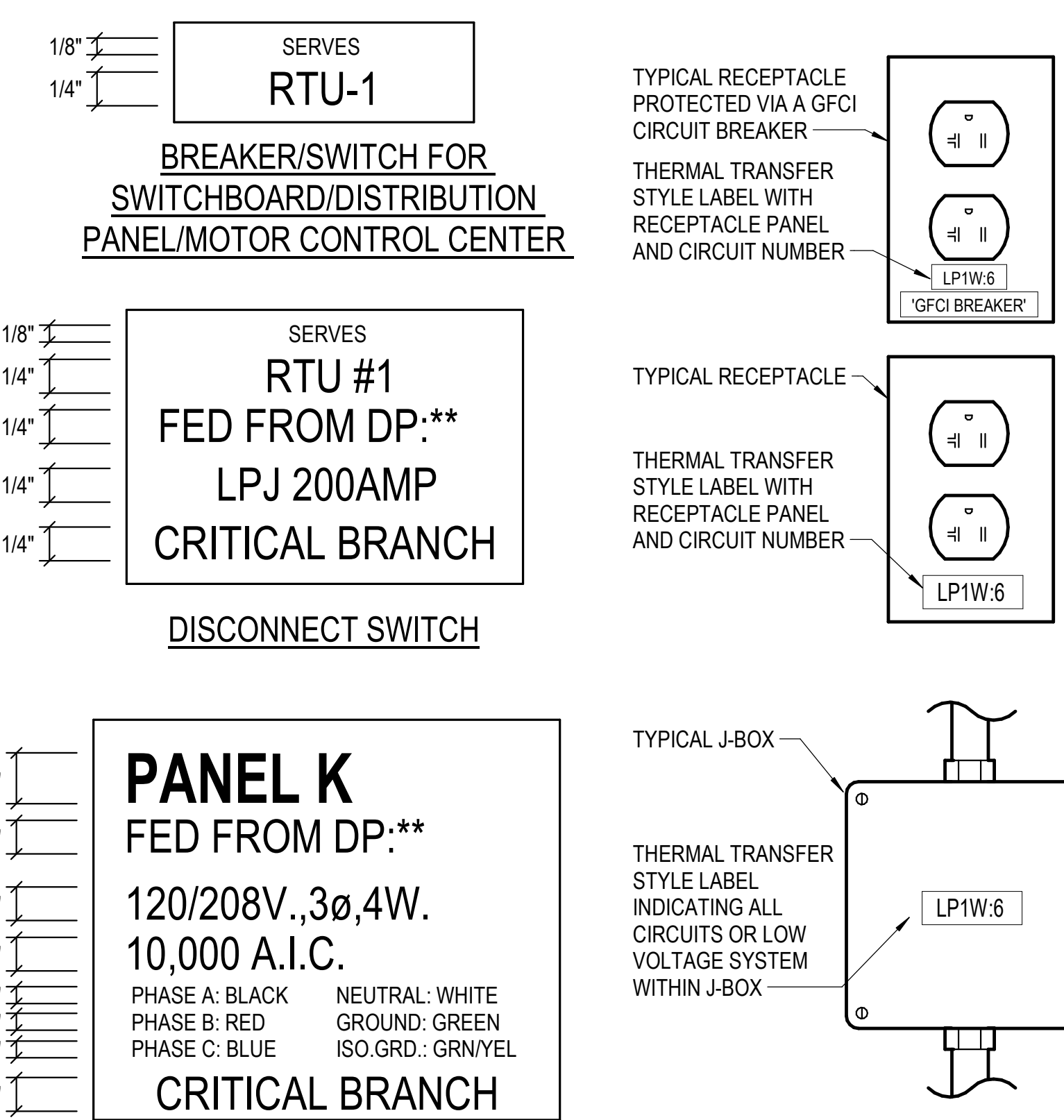


3 TYPICAL RECEPTACLE MOUNTING DETAIL
NO SCALE



- NOTE:
- VERIFY REQUIREMENTS WITH SUPPORT SYSTEM MANUFACTURER'S ENGINEER. USE WEIGHTS AND DIMENSIONS OF TRANSFORMERS PROVIDED TO SIZE POSTS, CHANNELS, SUPPORTS, AND ANCHORS.

2 STACKED TRANSFORMER DETAIL - FLOOR MOUNTED
NTS



- COLOR CODING REQUIREMENTS (PANEL/TRANSFORMER):
SEE SPECIFICATION SECTION 260500
NORMAL BRANCH: BLACK WITH WHITE LETTERING
CRITICAL BRANCH: ORANGE WITH WHITE LETTERING
LIFE SAFETY BRANCH: YELLOW WITH BLACK LETTERING
EQUIPMENT BRANCH: GREEN WITH WHITE LETTERING

1 TYPICAL NAMEPLATES AND LABELS
NO SCALE

No.	Date	Description

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Sheet No.: **E-601**



FEEDER SCHEDULE								
DESIG.	EQUIPMENT SERVED	CONDUCTORS			GROUND SIZE PER SET	ISOLATED GROUND SIZE	CONDUIT SIZE PER SET	SPARE CONDUIT
		SETS	NO.	SIZE				
[E]	EXIST FEEDER TO REMAIN	--	--	--	--	--	--	--
[0]	SEE EQUIP CONN SCHED	--	--	--	--	--	--	--
[1]	PANELBOARD:7NL1B	2	4	#3/0 AWG CU	#2	--	2-1/2"	--
[2]	XFMR:7TN2	1	3	#250 kcmil CU	#4	--	2-1/2"	--
[3]	PANELBOARD:7NL2	2	4	#3/0 AWG CU	#2	--	2-1/2"	--
[4]	SPD PANELBOARD:7CRL1B	2	4	#3/0 AWG CU	#2	--	2-1/2"	--
[5]	XFMR:7TCR2	1	3	#250 kcmil CU	#4	--	2-1/2"	--
[6]	SPD PANELBOARD:7CRL2	2	4	#3/0 AWG CU	#2	--	2-1/2"	--
[7]	XFMR:7TSL2	1	3	#10 AWG CU	#10	--	3/4"	--
[8]	SPD PANELBOARD:7LSL2	1	4	#4 AWG CU	#8	--	1-1/4"	--

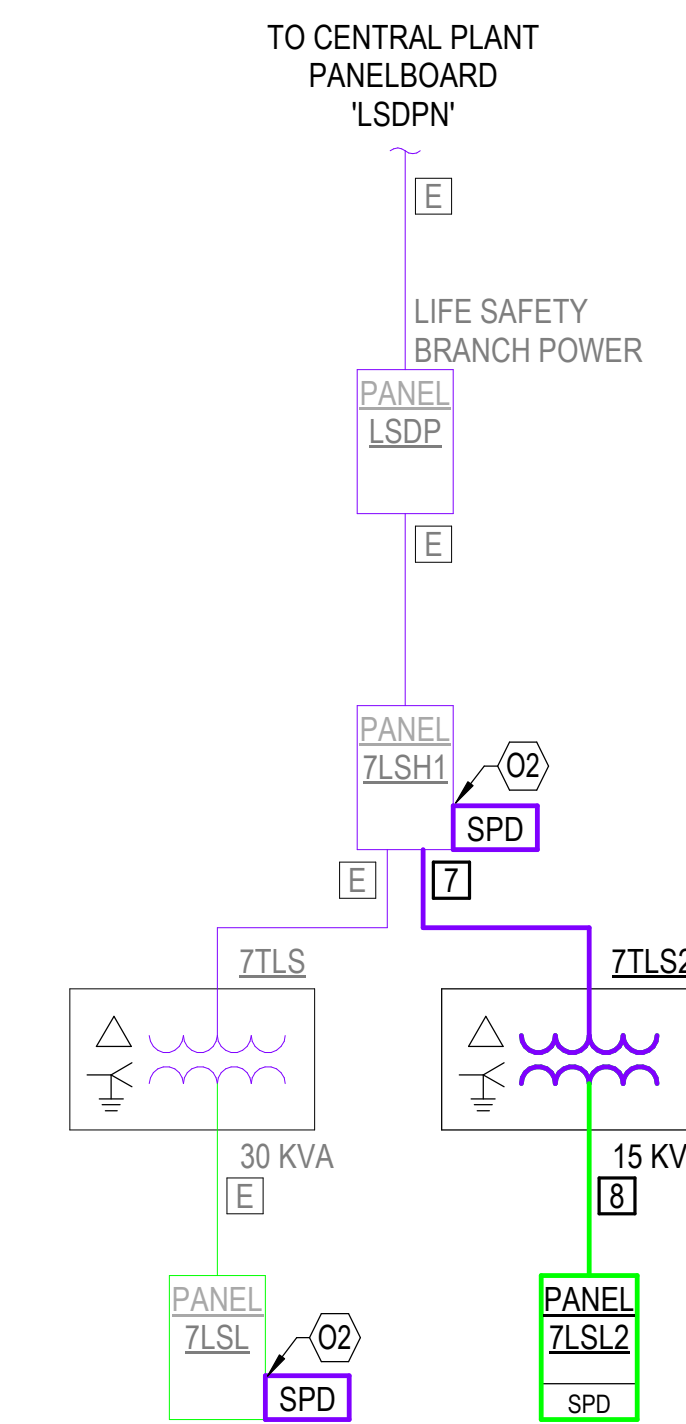
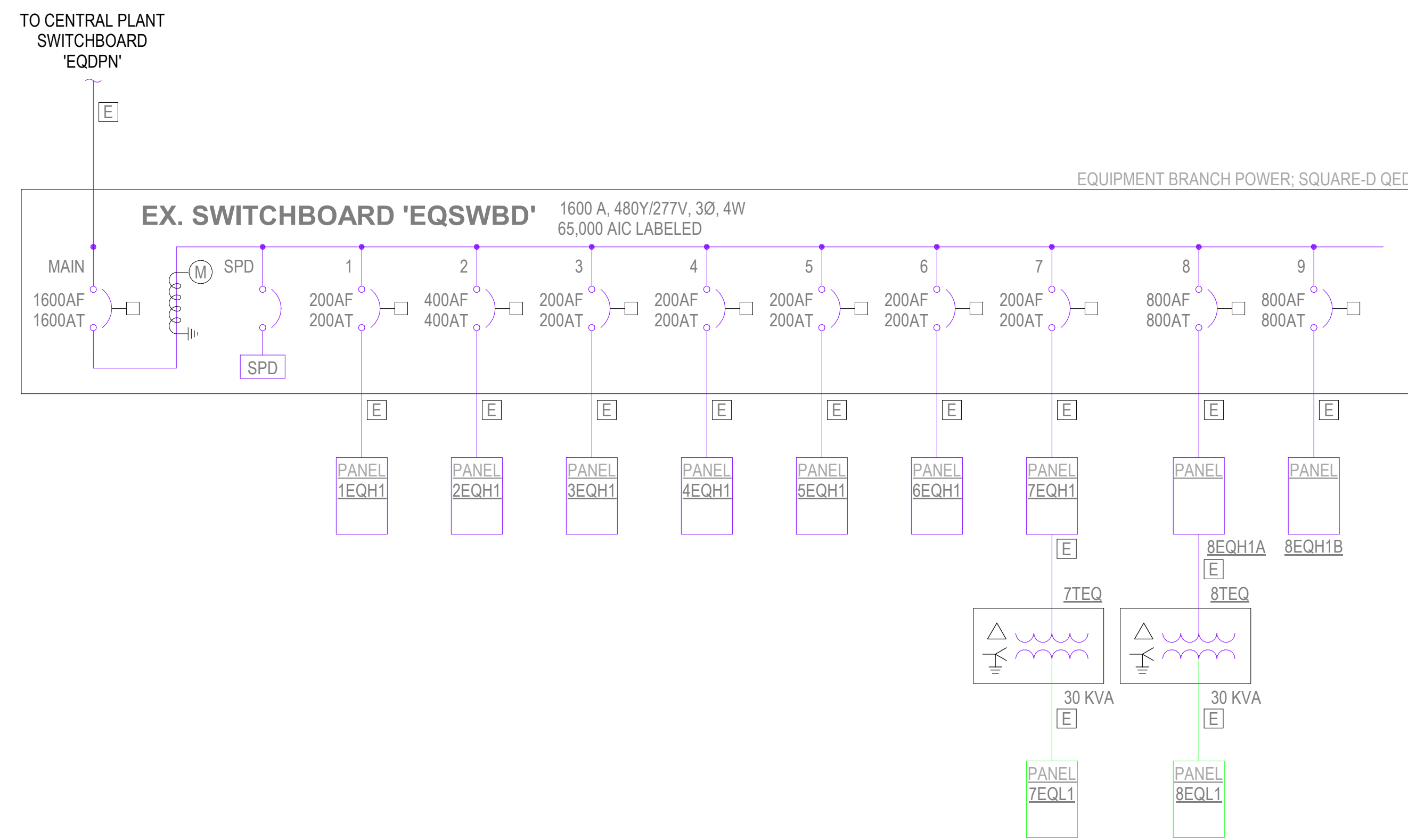
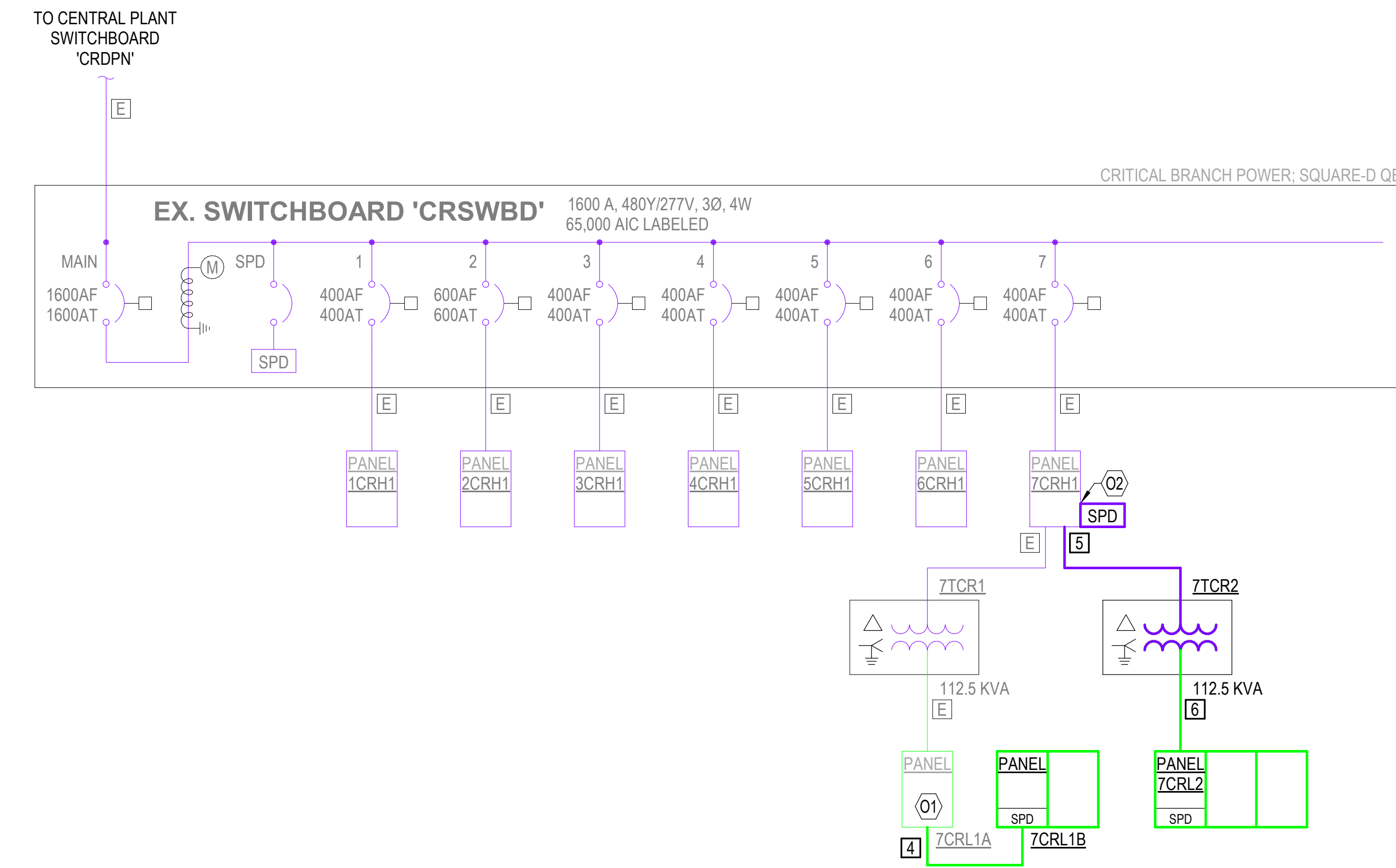
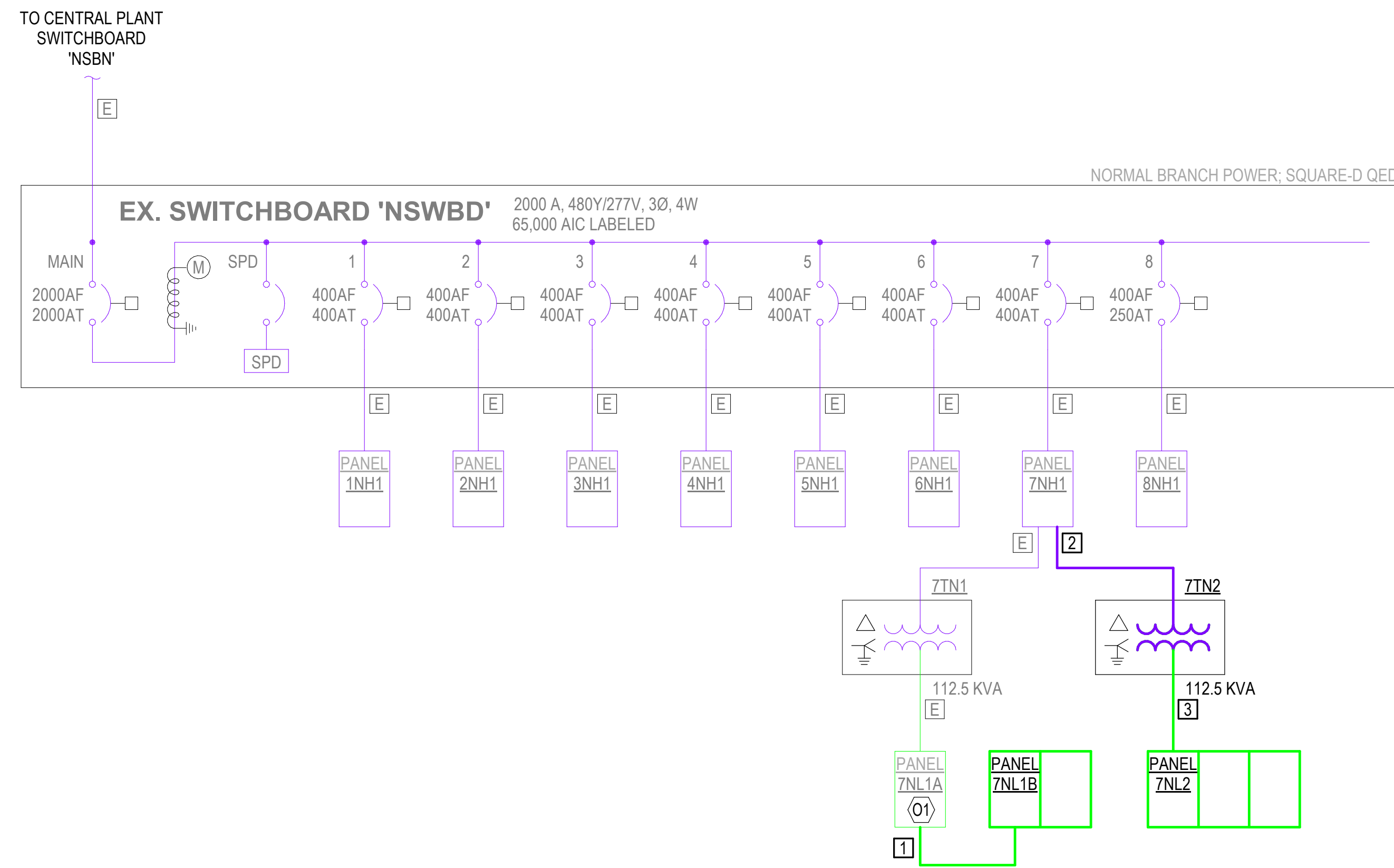
TRANSFORMER SCHEDULE						
TRANSFORMER DESIGNATION	EQUIPMENT TYPE	KVA SIZE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	WINDING ELECTRIC COND	NOTES
7TCR2	DRY-TYPE DOE 2016	112.5	480/3Ph/3W	208/120/3Ph/4W	#2 CU	SHIELDED, W/GRD. TERMINAL BAR, STACKED
7TSL2	DRY-TYPE DOE 2016	15	480/3Ph/3W	208/120/3Ph/4W	#8 CU	SHIELDED, W/GRD. TERMINAL BAR, SUSPENDED
7TN2	DRY-TYPE DOE 2016	112.5	480/3Ph/3W	208/120/3Ph/4W	#2 CU	SHIELDED, W/GRD. TERMINAL BAR, STACKED

ONE-LINE DIAGRAM GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL CIRCUIT BREAKERS AND/OR SWITCHES ARE THREE POLE.
- ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A LIGHT LINE, IS EXISTING TO REMAIN.
- ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK LINE, IS NEW WORK UNDER THIS CONTRACT.
- ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK DASHED LINE, IS TO BE REMOVED UNDER THIS CONTRACT. - - - - -

KEYNOTES

- [01] EXISTING PANELBOARD INSTALLED WITH FEED-THRU LUGS. CONNECT NEW PANELS AS REQUIRED.
- [02] PROVIDE EXTERNALLY MOUNTED SURGE PROTECTIVE DEVICE PER SPECIFICATIONS. CONNECT TO EXISTING PANEL AS REQUIRED.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM
1/8" = 1'-0"

Architect Logo

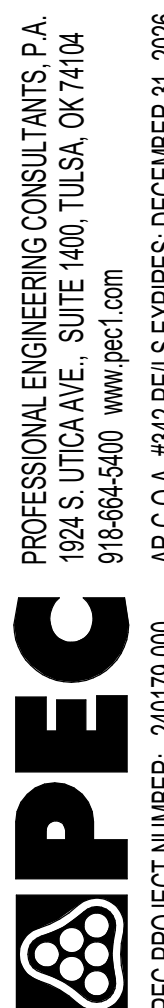
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Electrical Partial One-Line Diagram



E-701

LIGHTING FIXTURE SCHEDULE

(P.E.C. - WICHITA)

(1)(2)(3)(4)

- GENERAL CONTRACTOR SHALL PROVIDE FIREPROOFING AROUND RECESSED FIXTURES INSTALLED IN FIRE RATED CEILING PER U.L. REQUIREMENTS. ELECTRICAL CONTRACTOR WILL COORDINATE.
- MANUFACTURERS LISTED IN THIS SCHEDULE OR APPROVED BY WRITTEN ADDENDUM WILL BE THE ONLY APPROVED MANUFACTURERS TO BID THE LIGHTING FIXTURES FOR THIS PROJECT. CONTRACTORS AND SUPPLIERS USING PRICING FROM MANUFACTURERS NOT LISTED ON SCHEDULE OR BY ADDENDUM DO SO AT THEIR OWN RISK.
- LIGHT FIXTURE SELECTIONS ARE BASED ON THE MANUFACTURER IN THE LEFT MOST COLUMN AS LISTED IN THE SCHEDULE. FIXTURES APPROVED AS EQUALS IN THIS SCHEDULE OR BY ADDENDUM SHALL BE EQUAL TO THE UNIT SPECIFIED IN THE LEFT MOST COLUMN, IE: SPRING LOADED LATCHES, POST PAINTED FINISH, PHOTOMETRICS.
- ALL LIGHT FIXTURES SHALL BE SECURED TO THE CEILING FRAMING SYSTEM BY MECHANICAL MEANS (SUCH AS BOLTS, SCREWS, OR RIVETS) OR BY CLIPS IDENTIFY...
- LIGHT FIXTURES SHALL BE PROVIDED WITH 0-10V DIMMING DRIVERS. DRIVERS SHALL BE CAPABLE OF DIMMING TO A MINIMUM OF 10% TOTAL LIGHT OUTPUT. LED DRIVERS SHALL HAVE A DISCONNECTING MEANS MEETING THE REQUIREMENTS OF NEC SECTION 410.130(G), EXCEPT FOR THOSE INSTALLED IN CORD AND PLUG CONNECTED FIXTURES. WHERE APPLICABLE, WHEN DIMMING SWITCHES ARE NOT PROVIDED AS PART OF THE DESIGN, CONTRACTOR SHALL CAP OFF THE 0-10V DIMMING WIRES FOR FUTURE EXTENSION BY THE OWNER.
- PROVIDE ARROWS AND FACES AS INDICATED ON THE DRAWINGS.
- TO COMPLY WITH NEC SECTION 410.130(G), ALL EXISTING OR RELOCATED LIGHT FIXTURES WITHOUT A BALLAST OR DRIVER DISCONNECTING MEANS SHALL HAVE A BALLAST OR DRIVER DISCONNECTING MEANS INSTALLED UNDER ANY OF THE FOLLOWING CONDITIONS:
 - WHEN AN EXISTING BALLAST OR DRIVER IS REPLACED.
 - WHEN AN EXISTING LIGHT FIXTURE IS RELOCATED.
 - WHEN AN EXISTING LIGHT FIXTURE IS RECIRCUITED.

MARK	DESCRIPTION	MANUFACTURER 1 CATALOG NUMBER	MANUFACTURER 2 CATALOG NUMBER	LIGHT SOURCE			LENS/LOUVER/FINISH	DIMENSIONS			REF. NOTE	REMARKS	
				#	TYPE	WATTS		VOLTS	W	L			D
E	EXISTING FIXTURE TO BE REMOVED			1	LED								
LIC01-5'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-5'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC01-14'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-14'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC01-16'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-16'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC01-18'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-18'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC01-21'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-21'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC01-28'0"	RESESSED LINEAR	LEDALITE 3907L935-40-Q-S-2-28'0"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	4.0	0.25	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC02-2'6"	CORRIDOR PERIMETER LIGHT	LEDALITE 4908L935-40-Q-S-N-03-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	0.33	3.0	0.5	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING. PROVIDE FIXTURE AS CONTINUOUS RUNS AS SHOWN ON FLOORPLANS.
LIC02-4'0"	CORRIDOR PERIMETER LIGHT	LEDALITE	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0		0.33	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC02-4'6"	CORRIDOR PERIMETER LIGHT	LEDALITE 4908L935-40-Q-S-N-4'6"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	0.33	4.5	0.5	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING. PROVIDE FIXTURE AS CONTINUOUS RUNS AS SHOWN ON FLOORPLANS.
LIC02-5'6"	CORRIDOR PERIMETER LIGHT	LEDALITE 4908L935-40-Q-S-N-5'6"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	1.0	5.5	0.33	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING.
LIC02-7'6"	CORRIDOR PERIMETER LIGHT	LEDALITE 4908L935-40-Q-S-N-7'6"-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	0.33	7.5	0.5	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING. PROVIDE FIXTURE AS CONTINUOUS RUNS AS SHOWN ON FLOORPLANS.
LIC02-8'0"	CORRIDOR PERIMETER LIGHT	LEDALITE 4908L935-40-Q-S-N-08-D-E-1N-W	MARK ARCHITECTURAL SPRLED	1	LED	28	UNV	ACRYLIC	0.33	8.0	0.5	5	1000LM/FT; 3500K; 90CRI. PROVIDE WITH ALL REMOTE DRIVERS. LOCATE DRIVERS IN NEAREST ACCESSIBLE CEILING. PROVIDE FIXTURE AS CONTINUOUS RUNS AS SHOWN ON FLOORPLANS.
LID06A	6" DOWNLIGHT	CALCULITE 6RN/6CL-10-935-W-Z10-U/C6R-DL-CC	LITHONIA LDN6-35/10-L06-AR-LSS-TRW-MVOLT-G21-90CRI	1	LED	19	UNV	FINISH-CLEAR; FLANGE-WHITE	1.17	1.32	0.63	5	1000LM; 3500K; 90CRI
LID07A	6" DOWNLIGHT	CALCULITE 6RN/6CL-15-935-W-Z10-U/C6R-DL-CC	LITHONIA LDN6-35/15-L06-AR-LSS-TRW-MVOLT-G21-90CRI	1	LED	19	UNV	FINISH-CLEAR; FLANGE-WHITE	1.17	1.32	0.63	5	1500LM; 3500K; 90CRI
LID07B	6" DOWNLIGHT	CALCULITE 6RN/6CL-15-940-W-Z10-U/C6R-DL-CC	LITHONIA LDN6-40/15-L06-AR-LSS-TRW-MVOLT-G21-90CRI	1	LED	19	UNV	FINISH-CLEAR; FLANGE-WHITE	1.17	1.32	0.63	5	1500LM; 4000K; 90CRI
LID10B	6" SEALED DOWNLIGHT	CALCULITE 6RN/6CL-15-940-W-Z10-U/C6R-SL-CC	GOTHAM EVO	1	LED	19	UNV	FINISH-CLEAR; FLANGE-WHITE	1.17	1.32	0.63	5	1500LM; 4000K; 90CRI
LIDEC01	WALL SCONCE - CORRIDOR	MODERN FORMS VOGUE WS-311F-35-BN	NO SUBSTITUTIONS	1	LED	34	UNV	BRUSHED NICKEL	0.25	0.42	0.17		1400LM; 3500K; 90CRI; 277V
LIDEC02	WALL SCONCE - CORRIDOR	MODERN FORMS VOGUE WS-3120F-35K-BN	NO SUBSTITUTIONS	1	LED	16	UNV	BRUSHED NICKEL	0.25	0.42	0.17		2800LM; 3500K; 90CRI; 227V
LIE01	1 FACE/AC EXIT	HEXMODAL HEX-E		1	LED	5	UNV		0.71	1.06	0.17	6	
LIE02	2 FACE/AC EXIT	HEXMODAL HEX-E		1	LED	5	UNV		0.71	1.06	0.17	6	
LIM04	19" UNDER CABINET	DAYBRITE LINC5100E-L19-940-UNV-WHG	JUNO UPLD-14IN-SWWW-90CRI-WH	1	LED	6	UNV	ACRYLIC	0.38	1.5	0.08	5	400 LUMENS; 90 CRI; 4000K
LIM07	WALL SCONCE - CORRIDOR	CHLORIDE WG2H-2-SWH-PCC	HEALTHCARE LIGHTING HNLS12-SQU-MVOLT-MT-AMB-ZT-MWIAM	1	LED	16	UNV	WHITE	0.25	0.42	0.17		AMBER
LIT01A	2X4 LAY-IN	DAYBRITE 2CAXG38LH835-4-DS-UNV-DIM	LITHONIA STAK-2X4-4000LM-80CRI-35K-COL-MIN1-ZT-MVOLT	1	LED	28	UNV	ACRYLIC	2.0	4.0	0.33	5	4000LM; 3500K; 80CRI
LIT03A	2X4 LAY-IN	DAYBRITE 2EVG38L835-4-DS-UNV-DIM	LITHONIA STAK-2X4-4000LM-80CRI-35K-COL-MIN1-ZT-MVOLT	1	LED	28	UNV	ACRYLIC	2.0	4.0	0.33	5	4000LM; 3500K; 80CRI
LIT03B	2X4 LAY-IN	DAYBRITE 2EVG38L840-4-DS-UNV-DIM	LITHONIA STAK-2X4-4000LM-80CRI-40K-COL-MIN1-ZT-MVOLT	1	LED	28	UNV	ACRYLIC	2.0	4.0	0.33	5	4000LM; 4000K; 80CRI
LIT04B	2X4 LAY-IN	DAYBRITE 2EVG48L840-4-DS-UNV-DIM	LITHONIA STAK-2X4-5000LM-80CRI-40K-COL-MIN1-ZT-MVOLT	1	LED	28	UNV	ACRYLIC	2.0	4.0	0.33	5	4800LM; 4000K; 80CRI
LIT06B	2X4 LAY-IN	CERTOLUX MD3G-4103-LED840K	HEALTHCARE LIGHTING HPT624G-277-PAH-LED40	1	LED	28	UNV	ACRYLIC, FINISH-MATTE WHITE	2.0	4.0	0.33	5	4000LM; 3500K; 80CRI
LIT07A	2X2 LAY-IN	DAYBRITE 2CAXG20LH835-2-DS-UNV-DIM	LITHONIA STAK-2X2-2000LM-80CRI-35K-COL-MIN1-ZT-MVOLT	1	LED	24	UNV	ACRYLIC	2.0	2.0	0.33	5	2000LM; 3500K; 80CRI
S1	DIRECT/INDIRECT		SIGNIFY TBD	1	LED	45	UNV	ACRYLIC	0.23	8.0	0.17	5	5000LM; 3500K; 80CRI
S2	DIRECT/INDIRECT		SIGNIFY TBD	1	LED	45	UNV	ACRYLIC	0.23	12.0	0.17	5	5000LM; 3500K; 80CRI

LIGHTING CONTROL SCHEDULE

(1)(2)(3)(7)

- CONTROL SYSTEM PROVIDED SHALL MEET ALL FUNCTIONAL REQUIREMENTS AS LISTED IN THE DRAWINGS AND THE SPECIFICATIONS.
- LOCATE POWER/RELAY PACKS ABOVE ACCESSIBLE CEILING (OR COORDINATE LOCATION WITH A/E). CONTRACTOR SHALL HAVE THE OPTION TO PROVIDE POWER/RELAY PACKS INTEGRAL TO INDIVIDUAL FIXTURES, WHERE APPLICABLE.
- LOCAL MANUAL CONTROLS SHALL BE PROVIDED WHERE INDICATED. DEFAULT LIGHTING CONTROL SWITCHING, WHETHER MANUAL OR AUTOMATIC, SHALL BE "ON" TO FULL DESIGN LIGHTING POWER UNLESS OTHERWISE NOTED. WHERE DIMMING SWITCHES ARE PROVIDED, MANUAL RAISE/LOWER ADJUSTMENT SHALL FUNCTION AS A PERMANENT OVERRIDE FOR THE AUTOMATIC LIGHTING POWER SETPOINT UNTIL THE NEXT MANUAL OR AUTOMATIC SWITCHING EVENT. LOCAL SWITCHES SHALL OVERRIDE THE AUTOMATIC CONTROL SYSTEM UNLESS OTHERWISE NOTED.
- COORDINATE REQUIRED SCENE CONTROLLER PRESETS WITH [OWNER] [A/E] [CONTRACTING OFFICER'S REPRESENTATIVE] PRIOR TO SYSTEM COMMISSIONING.
- NORMAL BUSINESS HOURS FOR SCHEDULING PURPOSES SHALL BE [WEEKDAYS] [DAILY] [] FROM [7:00 AM TO 6:00 PM] []. VERIFY HOURS WITH [OWNER] [CONTRACTING OFFICER] PRIOR TO CONTROL SYSTEM COMMISSIONING. OUTSIDE OF NORMAL BUSINESS HOURS, MANUAL SWITCHING IN SPACES WITH TIMECLOCK SCHEDULING SHALL FUNCTION AS A 120-MINUTE OVERRIDE FOR THE SCHEDULED SHUTOFF SYSTEM. AFTER 120 MINUTES, THE SYSTEM SHALL SWITCH LIGHTS OFF AND RETURN TO NORMAL OPERATION.
- PROVIDE DAYLIGHT SENSORS AS INDICATED ON PLANS. DAYLIGHT SENSORS SHALL PROVIDE [FULL RANGE (0-100% OUTPUT) CONTINUOUS...]
- IN ALL SPACES WHERE CONTROLLED RECEPTACLES ARE INDICATED (REFERENCE POWER PLANS), LIGHTING CONTROL SYSTEM SHALL SWITCH THE INDICATED RECEPTACLES OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING A SPACE. SYSTEM SHALL AUTOMATICALLY SWITCH RECEPTACLES ON WHEN OCCUPANCY IS DETECTED. PROVIDE PLUG LOAD CONTROL POWER/RELAY PACKS AS REQUIRED.
- TIMECLOCK SHALL DISABLE LOCAL OVERRIDE SWITCHES DURING NORMAL BUSINESS HOURS.
- FIXTURES LABELED 'N/L' SHALL REMAIN ON AT 15% OUTPUT OUTSIDE OF NORMAL BUSINESS HOURS.
- PROVIDE AN RS-232 COMMUNICATIONS INTERFACE (WHERE INDICATED ON PLANS) TO ALLOW THE LIGHTING TO BE CONTROLLED BY A THIRD-PARTY (E.G., AUDIO-VISUAL) CONTROL SYSTEM.
- SYSTEM SHALL AUTOMATICALLY REDUCE LIGHTING POWER BY [50%] [] WHEN NO ACTIVITY IS DETECTED WITHIN THE SPECIFIED TIME DELAY. SYSTEM SHALL AUTOMATICALLY INCREASE LIGHTING POWER TO 100% WHEN ACTIVITY IS DETECTED.
- PROVIDE AN INFRARED PARTITION SENSOR. SENSOR SHALL PROVIDE A SIGNAL TO THE SYSTEM CONTROLLER TO INDICATE WHEN THE PARTITION WALL IS OPEN OR CLOSED. CONTROL SYSTEM SHALL AUTOMATICALLY ENGAGE LIGHTING PRESET FUNCTIONS FOR A DIVIDED OR COMBINED SPACE DEPENDING ON PARTITION WALL POSITION.]

Number	ROOM NAME	CONTROL TECH				CONTROL FUNCTION		DAYLIGHT HARVESTING		REF. NOTE
		LOCAL	OCC SENSOR	TIMECLOCK	PHOTOCELL	ON	OFF	DELAY	PHOTOSENSOR	
	ALCOVE - NURSE STATION	DIMMER				MANUAL	MANUAL			
	ALCOVE - OUTSIDE PATIENT ROOM	DIMMER				MANUAL	MANUAL			
	ANTE ROOM	DIMMER	DUAL TECH			OCC SENSOR	OCC SENSOR	15 MIN		
	CLEAN SUPPLY					OCC SENSOR	OCC SENSOR	15 MIN		
7503	CONSULT/BEREAVEMENT	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
	CORRIDOR	ON/OFF		X		SCHEDULED	SCHEDULED			
	DOCUMENTATION EQUIP.	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
7816	EQUIP.									
713	EQUIP. ALCOVE									
	EQUIP. STOR.									
7507	EVS									
7500	FAMILY WAITING	ON/OFF		X		SCHEDULED	SCHEDULED			
7715	LINEN									
	MEDS	DIMMER	DUAL TECH			OCC SENSOR TO 50%	OCC SENSOR	15 MIN		
7506	MULTIPURPOSE ROOM	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
	NOURISH	ON/OFF		X		SCHEDULED	SCHEDULED			
	NURSE OFFICE	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
	NURSE STATION	DIMMER				MANUAL	MANUAL			
7523	OFFICE	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
7524	PATIENT MONITORING	DIMMER	DUAL TECH			MANUAL	OCC SENSOR	15 MIN		
	PATIENT ROOM	DIMMER				MANUAL	MANUAL			
720.1	POS TLT/SHWR		PIR			OCC SENSOR	OCC SENSOR	15 MIN		
7719	RT CLEAN STORAGE									
7720	RT DECONTAM									
7605	SLEEP	DIMMER				MANUAL	MANUAL			
7606	SLEEP RM TOILET	ON/OFF	DUAL TECH			MANUAL	OCC SENSOR	30 MIN		
7717	SOILED HOLDING									
	SOILED WORK									
7518	STAFF LOUNGE	DIMMER	DUAL TECH			OCC SENSOR TO 50%	OCC SENSOR	15 MIN		
	STAFF TOILET		PIR			OCC SENSOR	OCC SENSOR	15 MIN		
721	STOR.									
	TLT/SHWR	ON/OFF				MANUAL	MANUAL			
	TOILET									



No.	Date	Description

PROGRESS DRAWING
 1/8/2025 11:56:06 AM
 NOT FOR CONSTRUCTION

Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy Project No.: 2040-821203
 Date: 01/07/2025
 Scale:

ELECTRICAL LIGHTING AND CONTROL SCHEDULES

PROFESSIONAL ENGINEERING CONSULTANTS P.A.
 624 S UTICHAVE. SUITE 400, TULSA, OK 74104
 918-668-5400 www.pepc.com



E-710



EXIST. PANEL: 7EQH1											480Y/277 VOLTS, 3 PHASE, 4 WIRE 225 AMP M.L.O. SURFACE MTD. 65000 AIC LABELED			
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	CIRC NO.				
1	6514	POWER	EXIST. XFMR: TTEQ	3	50	A	60	35	POWER ELEV #9 ST	ELEV	25000	2		
3	---	---	---	---	---	---	---	---	---	---	---	4		
5	---	---	---	---	---	---	---	---	---	---	---	6		
7	---	---	SPACE	---	---	---	---	---	---	---	---	8		
9	---	---	SPACE	---	---	---	---	---	---	---	---	10		
11	---	---	SPACE	---	---	---	---	---	---	---	---	12		
13	---	---	SPACE	---	---	---	---	---	---	---	---	14		
15	---	---	SPACE	---	---	---	---	---	---	---	---	16		
17	---	---	SPACE	---	---	---	---	---	---	---	---	18		
19	---	---	SPACE	---	---	---	---	---	---	---	---	20		
21	---	---	SPACE	---	---	---	---	---	---	---	---	22		
23	---	---	SPACE	---	---	---	---	---	---	---	---	24		
25	---	---	SPACE	---	---	---	---	---	---	---	---	26		
27	---	---	SPACE	---	---	---	---	---	---	---	---	28		
29	---	---	SPACE	---	---	---	---	---	---	---	---	30		
31	---	---	SPACE	---	---	---	---	---	---	---	---	32		
33	---	---	SPACE	---	---	---	---	---	---	---	---	34		
35	---	---	SPACE	---	---	---	---	---	---	---	---	36		
37	---	---	SPACE	---	---	---	---	---	---	---	---	38		
39	---	---	SPACE	---	---	---	---	---	---	---	---	40		
41	---	---	SPACE	---	---	---	---	---	---	---	---	42		

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.

EXIST. PANEL: 7EQH1	CONNECTED KVA:						DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PHA	PH-B	PH-C	TOTAL	PH-A	PH-B				PH-C	TOTAL		
Elevator	8.3	8.3	8.3	25.0	1	25.0	1	30.1	30.1	30.1	30.1	30.1	
Power	2.1	2.0	2.0	6.2	1	6.2	1	7.5	7.6	7.4	7.4	7.4	
Transformer Losses	0.1	0.1	0.1	0.3	1	0.3	1	0.4	0.4	0.4	0.4	0.4	
Spare					0.2	6.3		7.6	7.6	7.6	7.6	7.6	
TOTAL KVA:	10.5	10.5	10.5	31.5		37.8		45.5	45.6	45.4	45.4	45.4	
TOTAL AMPS:	38.1	37.9	37.9	37.9		37.8		45.5	45.6	45.4	45.4	45.4	

EXIST. PANEL: 7LSH1											480Y/277 VOLTS, 3 PHASE, 4 WIRE 225 AMP M.L.O. SURFACE MTD. 35000 AIC LABELED			
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	CIRC NO.				
1	697	LIGHT	LTG 7TH FLOOR	1	20	A	50	3	EXIST. XFMR: 7TLS	POWER	10670	2		
3	880	LIGHT	LTG 8TH FLOOR	1	20	A	50	3	---	---	---	4		
5	169	LIGHT	LTG CORRIDOR 7001 & SHELL 7500	1	20	C	20	1	---	---	---	6		
7	11640	POWER	VFD-SAF-01_PH 8000	3	25	A	20	1	SPARE (HACR)	---	---	8		
9	---	---	---	---	---	---	---	---	---	---	---	10		
11	---	---	---	---	---	---	---	---	---	---	---	12		
13	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	14		
15	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	16		
17	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	18		
19	---	---	SPACE	---	---	---	---	---	---	---	---	20		
21	---	---	SPACE	---	---	---	---	---	---	---	---	22		
23	---	---	SPACE	---	---	---	---	---	---	---	---	24		
25	---	---	SPACE	---	---	---	---	---	---	---	---	26		
27	---	---	SPACE	---	---	---	---	---	---	---	---	28		
29	---	---	SPACE	---	---	---	---	---	---	---	---	30		
31	---	---	SPACE	---	---	---	---	---	---	---	---	32		
33	---	---	SPACE	---	---	---	---	---	---	---	---	34		
35	---	---	SPACE	---	---	---	---	---	---	---	---	36		
37	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	38		
39	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	40		
41	---	---	SPARE (HACR)	---	---	---	---	---	---	---	---	42		

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.
- PROVIDE EXTERNAL SURGE PROTECTIVE DEVICE PER SPECIFICATIONS.

EXIST. PANEL: 7LSH1	CONNECTED KVA:						DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PHA	PH-B	PH-C	TOTAL	PH-A	PH-B				PH-C	TOTAL		
Lighting	0.7	0.9	0.2	1.7	1	1.7	1	2.6	3.2	4.0	0.6	0.6	
Power	7.1	7.2	7.6	21.9	1	21.9	1	26.3	25.7	25.9	27.3	27.3	
Transformer Losses	0.2	0.2	0.2	0.5	1	0.5	1	0.6	0.6	0.6	0.7	0.7	
Spare					0.2	4.8		5.8	5.8	5.8	5.8	5.8	
TOTAL KVA:	8.0	8.2	7.9	24.1		28.9		35.3	35.2	36.3	34.5	34.5	
TOTAL AMPS:	28.8	29.7	28.5	29.0		28.9		35.3	35.2	36.3	34.5	34.5	

SPD PANELBOARD: 7LSL2											208Y/120 VOLTS, 3 PHASE, 4 WIRE 60 AMP MAIN BKR. SURFACE MTD. 10000 AIC LABELED			
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	CIRC NO.				
1	5	POWER	---	1	20	A	30	3	---	---	---	2		
3	---	---	---	---	---	---	---	---	---	---	---	4		
5	---	---	---	---	---	---	---	---	---	---	---	6		
7	---	---	---	---	---	---	---	---	---	---	---	8		
9	---	---	---	---	---	---	---	---	---	---	---	10		
11	---	---	---	---	---	---	---	---	---	---	---	12		
13	---	---	---	---	---	---	---	---	---	---	---	14		
15	---	---	---	---	---	---	---	---	---	---	---	16		
17	---	---	---	---	---	---	---	---	---	---	---	18		
19	---	---	---	---	---	---	---	---	---	---	---	20		
21	---	---	---	---	---	---	---	---	---	---	---	22		
23	---	---	---	---	---	---	---	---	---	---	---	24		
25	---	---	---	---	---	---	---	---	---	---	---	26		
27	---	---	---	---	---	---	---	---	---	---	---	28		
29	---	---	---	---	---	---	---	---	---	---	---	30		
31	---	---	---	---	---	---	---	---	---	---	---	32		
33	---	---	---	---	---	---	---	---	---	---	---	34		
35	---	---	---	---	---	---	---	---	---	---	---	36		
37	---	---	---	---	---	---	---	---	---	---	---	38		
39	---	---	---	---	---	---	---	---	---	---	---	40		
41	---	---	---	---	---	---	---	---	---	---	---	42		

SPD PANELBOARD: 7LSL2	CONNECTED KVA:						DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PHA	PH-B	PH-C	TOTAL	PH-A	PH-B				PH-C	TOTAL		
Power	0.0	0.0	0.0	0.0	1	0.0	1	0.0	0.0	0.0	0.0	0.0	
TOTAL KVA:	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	
TOTAL AMPS:	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	

EXIST. PANEL: 7EQL1											208Y/120 VOLTS, 3 PHASE, 4 WIRE 100 AMP MAIN BKR. SURFACE MTD. 10000 AIC LABELED			
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	CIRC NO.				
1	600	POWER	VAV BOXES AREA 1 SOUTH	1	20	A	20	1	SPARE	---	---	2		
3	800	POWER	UNKNOWN LOAD	1	20	B	20	1	SPARE	---	---	4		
5	600	POWER	VAV BOXES AREA 2 SOUTHWEST	1	20	C	20	1	VAV BOXES AREA 2 SOUTHWEST	POWER	600	6		
7	---	---	SPARE	---	---	---	---	---	---	---	---	8		
9	---	---	SPARE	---	---	---	---	---	---	---	---	10		
11	---	---	SPARE	---	---	---	---	---	---	---	---	12		
13	400	POWER	VIDEO RACK SYSTEMS 7602	1	20	A	20	1	PAGING SYSTEM RACK SYSTEMS 7602	POWER	400	14		
15	400	POWER	CABLE TV SYSTEM 7602	1	20	B	20	1	---	---	---	16		
17	---	---	SPACE	---	---	---	---	---	---	---	---	18		
19	---	---	SPACE	---	---	---	---	---	---	---	---	20		
21	---	---	SPACE	---	---	---	---	---	---	---	---	22		
23	---	---	SPACE	---	---	---	---	---	---	---	---	24		
25	---	---	SPACE	---	---	---	---	---	---	---	---	26		
27	---	---	SPACE	---	---	---	---	---	---	---	---	28		
29	---	---	SPACE	---	---	---	---	---	---	---	---	30		
31	---	---	SPACE	---	---	---	---	---	---	---	---	32		
33	---	---	SPACE	---	---	---	---	---	---	---	---	34		
35	---	---	SPACE	---	---	---	---	---	---	---	---	36		
37	---	---	SPACE	---	---	---	---	---	---	---	---	38		
39	---	---	SPACE	---	---	---	---	---	---	---	---	40		
41	---	---	SPACE	---	---	---	---	---	---	---	---	42		

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.
- CONTRACTOR TO TRACE CIRCUIT AND UPDATE DIRECTORY ACCORDINGLY.

EXIST. PANEL: 7EQL1	CONNECTED KVA:						DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PHA	PH-B	PH-C	TOTAL	PH-A	PH-B				PH-C	TOTAL		
Power	2.2	2.0	2.0	6.2	1	6.2	1	17.2	18.3	16.7	16.7	16.7	
Spare					0.2	1.2		3.4	3.4	3.4	3.4	3.4	
TOTAL KVA:	2.2	2.0	2.0	6.2		7.4		20.7	21.8	20.1	20.1	20.1	
TOTAL AMPS:	18.3	16.7	16.7	17.2		20.7		25.0	27.5	25.0	25.0	25.0	

EXIST. PANEL: 7LSL											208Y/120 VOLTS, 3 PHASE, 4 WIRE 100 AMP MAIN BKR. SURFACE MTD. 10000 AIC LABELED			
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	CIRC NO.				
1	400	POWER	ELEV #7 CAR LTGS & REC-ST	1	20	A	20	1	ELEV #8 CAR LTGS & REC-ST	POWER	400	2		
3	---	---	---	---	---	---	---	---	---	---	---	4		
5	360	POWER	AUTOMATIC DOOR HARDWARE	1	20	C	20	1	ELEV #9 CAR LTGS & REC-ST	POWER	400	6		
7	180	POWER	AUTOMATIC DOOR HARDWARE	1	20	A	20	1	---	---	---	8		
9	400	POWER	ELEV #11 CAR LTGS & REC-ST CB 8TH FL	1	20	B	20	1	ELEV #10 CAR LTGS & REC-ST CB 8TH FL	---	---	10		
11	---	---	---	---	---	---	---	---	---	---	---	12		
13	400	POWER	ELEV #12 CAR LTGS & REC-ST CB 8TH FL	1	20	A	20	1	DAMPERS EL-10	POWER	360	14		
15	---	---	---	---	---	---	---	---	---	---	---	16		
17	800	POWER	UNKNOWN LOAD	1	20	C	20	1	UNKNOWN LOAD	POWER	8			



EXIST. PANEL: 7NH1

480Y/277 VOLTS, 3 PHASE, 4 WIRE
400 AMP M.L.O., SURFACE MTD.
65000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.					
1	---	---	SPARE (HACR)	1	20	A	SPACE		2					
3	---	---	SPARE (HACR)	1	20	B	SPACE		4					
5	25000	EDPT	POWER, ELEV. #8 ST CKT BRK	38	60	C	SPACE		6					
7	---	---	---	---	---	A	20	1	8					
9	---	---	---	---	---	B	20	1	10					
11	---	---	---	---	---	C	20	1	12					
13	25000	EDPT	POWER, ELEV. #7 ST CKT BRK	38	60	A	20	1	14					
15	---	---	---	---	---	B	20	1	16					
17	---	---	---	---	---	C	20	1	18					
19	---	---	---	---	---	A	SPACE		20					
21	---	---	SPARE (HACR)	1	20	B	SPACE		22					
23	---	---	SPARE (HACR)	1	20	C	SPACE		24					
25	---	---	SPACE	---	---	A	SPACE		26					
27	---	---	SPACE	---	---	B	SPACE		28					
29	---	---	SPACE	---	---	C	SPACE		30					
31	---	---	SPACE	---	---	A	SPACE		32					
33	---	---	SPACE	---	---	B	SPACE		34					
35	---	---	SPACE	---	---	C	SPACE		36					
37	---	---	SPARE (HACR)	---	---	A	SPACE		38					
39	---	---	SPARE (HACR)	1	20	B	SPACE		40					
41	---	---	SPARE (HACR)	1	20	C	SPACE		42					
43	64399	R/P	EXIST. XFMR: 7TN1	3	250	A	250	3	XFMR: 7TN2	R/P	66234	44	46	
45	---	---	---	---	---	B	---	---	---	---	---	---	---	---
47	---	---	---	---	---	C	---	---	---	---	---	---	---	---

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.
- CIRCUIT BREAKER LOCATED AT TOP OF PANELBOARD.
- CIRCUIT VIA LIGHTING CONTROLS. SEE CONTROL DIAGRAM.

CONNECTED KVA:	PHASE			TOTAL FACTOR	DEMAND KVA	CONT. FACT	SIZING AMPS:				
	PH-A	PH-B	PH-C				TOTAL	PH-A	PH-B	PH-C	
Lighting	2.0	2.0	0.1	4.1	1	4.1	1.25	6.1	9.0	9.0	0.3
Receptacle	33.1	32.4	33.2	10.0	1	10.0	> 1	65.4	65.8	64.5	66.1
(First 10000VA at 1 + remainder at 0.5)				88.8	0.5	44.4					
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	7.5	7.5	7.5	7.5
Equipment	18.9	18.5	18.3	55.7	1	55.7	1	67.0	67.9	66.9	66.2
Power	6.6	7.9	7.6	22.0	1	22.0	1	26.5	23.7	28.3	27.5
Transformer Losses	1.4	1.4	1.4	4.1	1	4.1	1	5.0	4.9	5.0	5.0
Spare	---	---	---	0.2	28.1	1	---	33.8	33.8	33.8	33.8
TOTAL KVA:	61.8	62.2	60.7	184.7		184.7		211.3	212.6	215.0	206.4
TOTAL AMPS:	223.2	224.6	219.0	222.2		222.2		211.3	212.6	215.0	206.4

EXIST. PANEL: 7NL1A

208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP MAIN BKR, SURFACE MTD.
10000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.				
1	400	R/P	REC-SOUTH ELEVATOR LOBBY	1	20	A	20	1	HEADWALL - CRITICAL CARE 731	R/P	800	2	3
3	1200	R/P	REC - INTERMEDIATE CARE 704	1	20	B	20	1	REC - CRITICAL CARE 732	R/P	1200	4	3
5	800	R/P	REC - HEADWALL - INTERMEDIATE CARE 704	1	20	C	20	1	LCP7 CONTROL POWER	POWER	400	6	1
7	---	---	REC - ELECTRICAL 7600	1	20	A	20	1	REC-DATA 7601, SYSTEM 7602	R/P	600	8	1
9	4368	POWER	REC-DATA 7600	2	30	B	20	1	HEADWALL - CRITICAL CARE 732	R/P	1200	10	2
11	---	---	---	---	---	C	20	1	REC - SYSTEMS 7602	R/P	600	12	1
13	1200	R/P	REC - INTERMEDIATE CARE 703	1	20	A	20	1	REC - CRITICAL CARE 733	R/P	1200	14	2
15	800	R/P	REC - INTERMEDIATE CARE 703	1	20	B	20	1	HEADWALL - CRITICAL CARE 733	R/P	800	16	2
17	1200	R/P	REC - INTERMEDIATE CARE 702	1	20	C	20	1	REC - CRITICAL CARE 734	R/P	1200	18	2
19	800	R/P	REC - INTERMEDIATE CARE 702	1	20	A	20	1	HEADWALL - CRITICAL CARE 734	R/P	800	20	2
21	1200	R/P	REC - INTERMEDIATE CARE 701	1	20	B	20	1	DRINKING FOUNTAIN - FAMILY WAIT 7500	EDPT	800	22	2
23	800	R/P	REC - INTERMEDIATE CARE 701	1	20	C	20	1	REC - C-755, 7500, 7503, 7506	R/P	1200	24	2
25	1200	R/P	REC - CRITICAL CARE 727	1	20	A	20	1	POKE THRU - MULTIPURPOSE ROOM 7506	R/P	1000	26	2
27	800	R/P	REC - CRITICAL CARE 727	1	20	B	20	1	REC - 7504, 7505, 7506	R/P	1200	28	2
29	1200	R/P	REC - CRITICAL CARE 728	1	20	C	20	1	REC S - MULTIPURPOSE ROOM 7506	R/P	1000	30	2
31	800	R/P	REC - INTERMEDIATE CARE 728	1	20	A	20	1	REC - FAMILY WAITING 7500	R/P	1000	32	2
33	1200	R/P	REC - CRITICAL CARE 729	1	20	B	20	1	VENDING S - FAMILY WAITING 7500	POWER	1200	34	2
35	800	R/P	REC - CRITICAL CARE 729	1	20	C	20	1	VENDING N - FAMILY WAITING 7500	POWER	1200	36	2
37	1200	R/P	REC - CRITICAL CARE 730	1	20	A	20	1	REC - NURSE STATION 7511	R/P	1000	38	2
39	800	R/P	REC - CRITICAL CARE 730	1	20	B	20	1	REC - 7516, 7519, 7520, 7521	R/P	1400	40	2
41	1200	R/P	REC - CRITICAL CARE 731	1	20	C	20	1	REC - OFFICE 7523	R/P	1200	42	2

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- CONNECT TO EXISTING CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.

CONNECTED KVA:	PHASE			TOTAL FACTOR	DEMAND KVA	CONT. FACT	SIZING AMPS:				
	PH-A	PH-B	PH-C				TOTAL	PH-A	PH-B	PH-C	
Receptacle	16.8	14.0	13.2	10.0	1	10.0	> 1	74.9	85.9	71.6	67.5
(First 10000VA at 1 + remainder at 0.5)				34.0	0.5	17.0					
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	2.5	0.0	0.0
Equipment	1.2	1.8	1.0	4.0	1	4.0	1	11.1	10.0	15.0	8.3
Power	1.2	6.4	6.8	14.4	1	14.4	1	39.9	10.0	53.2	56.5
Spare	---	---	---	0.2	9.1	1	---	25.2	25.2	25.2	25.2
TOTAL KVA:	19.2	22.2	21.0	62.4		62.4		151.9	133.6	165.0	157.6
TOTAL AMPS:	180.0	184.9	174.9	173.1		173.1		151.9	133.6	165.0	157.6

PANELBOARD: 7NL1B

208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP M.L.O., SURFACE MTD.
10000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	1200	R/P	REC - C-790, 7512, 7517, 7524	1	20	A			2
3	1800	POWER	COFFEE MAKER - NOURISH 7514	1	20	B			4
5	1200	POWER	MICROWAVE - NOURISH 7514	1	20	C			6
7	1200	R/P	REC - 7412, 7514, 7517	1	20	A			8
9	1200	R/P	REC - STAFF LOUNGE 7518	1	20	B			10
11	800	R/P	REC - STAFF LOUNGE 7518	1	20	C			12
13	1200	POWER	MICROWAVE TOP - STAFF LOUNGE 7518	1	20	A			14
15	1200	POWER	MICROWAVE BOTTOM - STAFF LOUNGE 7518	1	20	B			16
17	1800	POWER	COFFEE MAKER - STAFF LOUNGE 7518	1	20	C			18
19	1200	EDPT	FRIDGE - STAFF LOUNGE 7518	1	20	A			20
21	1000	EDPT	FRIDGE - STAFF LOUNGE 7518	1	20	B			22
23	1000	EDPT	FRIDGE - STAFF LOUNGE 7518	1	20	C			24
25	1200	R/P	REC - 100.32, C-790, C-790, 7606	1	20	A			26
27	1000	R/P	REC - 7605 SLEEP	1	20	B			28
29	1200	R/P	REC - 7603 NURSE OFFICE RT DECON 7703	1	20	C			30
31	1200	R/P	REC - CORRIDOR C-785	1	20	A			32
33						B			34
35						C			36
37						A			38
39						B			40
41						C			42
43						A			44
45						B			46
47						C			48
49						A			50
51						B			52
53						C			54
55						A			56
57						B			58
59						C			60
61						A			62
63						B			64
65						C			66
67						A			68
69						B			70
71						C			72
73						A			74
75						B			76
77						C			78
79						A			80
81						B			82
83						C			84
85						A			86
87						B			88
89						C			90
91						A			92
93						B			94
95						C			96
97						A			98
99						B			100
101						C			102
103						A			104
105						B			106
107						C			108
109						A			110
111						B			112
113						C			114
115						A			116
117						B			118
119						C			120

- PROVIDE (2) 60-POLE SECTIONS.

CONNECTED KVA:	PHASE			TOTAL FACTOR	DEMAND KVA	CONT. FACT	SIZING AMPS:				
	PH-A	PH-B	PH-C				TOTAL	PH-A	PH-B	PH-C	
Receptacle	4.8	2.2	2.0	9.0	1	9.0	1	25.0	40.0	18.3	16.7
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	2.5	0.0	0.0
Equipment	1.2	1.0	1.0	3.2	1	3.2	1	8.9	10.0	8.3	8.3
Power	1.2	3.0	3.0	7.2	1	7.2	1	20.0	10.0	25.0	25.0
Spare	---	---	---	0.2	3.9	1	---	10.8	10.8	10.8	10.8
TOTAL KVA:	7.2	6.2	6.0	19.4		19.4		65.5	73.3	62.4	60.8
TOTAL AMPS:	60.0	51.7	50.0	53.8		53.8		65.5	73.3	62.4	60.8

PANELBOARD: 7NL2

208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP MAIN BKR, SURFACE MTD.
10000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.			
1	1200	R/P	REC - INTERMEDIATE CARE 705	1	20	A	20	1	REC - CRITICAL CARE 716	R/P	1600	2
3	800	R/P	REC - INTERMEDIATE CARE 705	1	20	B	20	1	REC - CRITICAL CARE 717	R/P	800	4
5	1200	R/P	REC - INTERMEDIATE CARE 706	1								

EXIST. PANEL: 7CRH1

480Y/277 VOLTS, 3 PHASE, 4 WIRE
400 AMP M.L.O. SURFACE MTD.
35000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP P	AMP SIZE	AMP USE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1		LIGHT	LTG-TN ELEC. DATA. SYSTEMS	1	20	A	1 SPARE			2
3	41569	EDPT	DISC MAC-C-PENTHOUSE 8000	3	70	B	20 1 SPARE			4
5										6
7										8
9	43232	EDPT	DISC M.V.P-1-PENTHOUSE 8000	3	90	B	20 1 SPARE			10
11										12
13										14
15			SPARE (HACR)	1	20	B	20 1 SPARE			16
17			SPARE (HACR)	1	20	C	20 1 SPARE			18
19			SPARE (HACR)	1	20	A	20 1 SPARE			20
21			SPARE (HACR)	1	20	B	20 1 SPARE			22
23			SPARE (HACR)	1	20	C	20 1 SPARE			24
25			SPARE (HACR)	1	20	A	20 1 SPARE			26
27			SPARE (HACR)	1	20	B	20 1 SPARE			28
29			SPARE (HACR)	1	20	C	20 1 SPARE			30
31			SPARE (HACR)	1	20	A	20 SPACE			32
33			SPARE (HACR)	1	20	B	20 SPACE			34
35			SPARE (HACR)	1	20	C	30 3 SPD			36
37			SPARE (HACR)	1	20	A				38
39			SPARE (HACR)	1	20	B				40
41			SPARE (HACR)	1	20	C				42
43	100257	R/P	EXIST. XFMR: 7TCR1	3	250	A	250 3 XFMR: 7TCR2	R/P	121209	44
45										46
47										48

- 1 EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN
- 2 CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- 3 CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- 4 PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.
- 5 CIRCUIT BREAKER LOCATED AT TOP OF PANELBOARD.
- 6 CIRCUIT VIA LIGHTING CONTROLS. SEE CONTROL DIAGRAM.
- 7 PROVIDE EXTERNAL SURGE PROTECTIVE DEVICE PER SPECIFICATIONS.

	CONNECTED KVA:				DEMAND FACTOR	KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				PH-A	PH-B	PH-C	
Lighting	0.1	0.0	0.0	0.2	1	0.2	1.25	0.3	0.5	0.2	0.2
Receptacle (First 10000VA at 1 + remainder at 0.5)	40.5	42.0	43.6	10.0	1	10.0		81.8	78.8	81.8	84.9
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	13.0	13.0	13.0	13.0
Equipment	30.9	31.2	30.5	92.6	1	92.6	1	111.4	111.6	112.7	110.0
Power	27.5	26.9	26.3	80.7	1	80.7	1	97.1	98.4	97.2	94.8
Transformer Losses	2.2	2.2	2.3	6.7	1	6.7	1	8.1	8.0	8.1	8.1
Spare				0.2	49.7	1		59.7	59.8	59.8	59.8
TOTAL KVA:	101.2	102.5	102.6	306.3		297.9		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	365.4	369.8	370.4	368.4				371.4	371.0	372.8	370.8

EXIST. PANEL: 7CRL1A

208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP MAIN BKR. SURFACE MTD.
22000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP P	AMP SIZE	AMP USE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	180	LIGHT	WIND CONE LIGHTING	1	20	A	20 1 REC C - NURSE STATION 7512	RCPT	1000	2
3	800	RCPT	REC - ALCOVE 703.2	1	20	B	20 1 REC S - NURSE STATION 7512	RCPT	1000	4
5	800	RCPT	REC - ALCOVE 701.2	1	20	C	20 1 REC - NURSE STATION 7511	RCPT	1000	6
7	800	RCPT	REC - ALCOVE 727.2	1	20	A	20 1 P-TUBE - MEDS 7521	POWR	1000	8
9	800	RCPT	REC - ALCOVE 728.2	1	20	B	20 1 FRIDGE - MEDS 7521	EDPT	400	10
11	4368	POWR	REC-DATA 7601	2	30	C	20 1 PYXIS - MEDS 7521	POWR	900	12
13										14
15	800	RCPT	REC - ALCOVE 730.2	1	20	B	20 1 FRIDGE - NOURISH 7514	EDPT	1000	14
17	800	RCPT	REC - ALCOVE 731.2	1	20	C	20 1 ICE MAKER - NOURISH 7514	EDPT	1200	16
19	800	RCPT	REC - ALCOVE 733.2	1	20	A	20 1 REC - NURSE STATION 7813	RCPT	1000	18
21	1200	RCPT	REC E - DOCUMENTATION 7522	1	20	B	20 1 WARMING CABINET - NOURISH 7514	POWR	1000	20
23	1650	POWR	COPIER - DOCUMENTATION 7522	1	20	C	20 1 REC - NURSE OFFICE 700, RT DECON 7720	RCPT	800	22
25	1200	RCPT	REC N - DOCUMENTATION 7522	1	20	A	20 1 REC S - NURSE STATION 7813	RCPT	1000	24
27	1200	RCPT	REC W - DOCUMENTATION 7522, OFF 7523	1	20	B	20 1 REC N - NURSE STATION 7711	RCPT	1000	26
29	800	RCPT	REC E - PATIENT MONITORING 7524	1	20	C	20 1 REC S - NURSE STATION 7711	RCPT	600	30
31	1200	RCPT	REC NE - PATIENT MONITORING 7524	1	20	A	20 1 MED GAS ALARM - NURSE STATION 7711	POWR	400	32
33	1200	RCPT	REC S - PATIENT MONITORING 7524	1	20	B	20 1 ICE MAKER - NOURISH 7714	EDPT	1200	34
35	1200	RCPT	REC N - PATIENT MONITORING 7524	1	20	C	20 1 FRIDGE - NOURISH 7714	EDPT	1000	36
37	1200	RCPT	REC NW - PATIENT MONITORING 7524	1	20	A	20 1 FRIDGE - MEDS 7716	EDPT	400	38
39	1200	RCPT	REC SW - PATIENT MONITORING 7524	1	20	B	20 1 P-TUBE - MEDS 7716	POWR	1000	40
41	600	RCPT	REC N - NURSE STATION 7512	1	20	C	20 1 PYXIS - MEDS 7716	POWR	900	42

- 1 EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- 2 CONNECT TO EXISTING SPARE CIRCUIT BREAKER.
- 3 CIRCUIT BREAKER MADE SPARE BY DEMOLITION.
- 4 PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKERS AND SHALL BE RATED FOR THE MAX. AIC RATING WITHIN EXISTING PANEL. VERIFY ALL REQUIREMENTS IN FIELD.

	CONNECTED KVA:				DEMAND FACTOR	KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				PH-A	PH-B	PH-C	
Lighting	0.2	0.0	0.0	0.2	1	0.2	1.25	0.6	1.9	0.0	0.0
Receptacle (First 10000VA at 1 + remainder at 0.5)	15.4	20.4	20.4	10.0	1	10.0		91.9	75.6	100.1	100.1
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	0.0	2.5	0.0
Equipment	1.4	2.8	1.0	5.2	1	5.2	1	14.4	11.7	23.3	8.3
Power	14.6	9.4	11.6	35.6	1	35.6	1	98.9	121.5	78.3	97.0
Spare				0.2	14.8	1		41.1	41.2	41.2	41.2
TOTAL KVA:	31.6	32.6	33.0	97.2		88.9		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	263.1	271.7	275.3	269.8				247.8	251.8	245.5	246.9

SPD PANELBOARD: 7CRL1B

208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP M.L.O. SURFACE MTD.
22000 AIC LABELED

CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	AMP P	AMP SIZE	AMP USE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	800	RCPT	BED - INTERMEDIATE CARE 703.704	1	20	A	20 1 BED - CRITICAL CARE 729.730	RCPT	800	2
3	1200	RCPT	HEADWALL W - INTERMEDIATE CARE 704	1	20	B	20 1 HEADWALL E - CRITICAL CARE 729	RCPT	1200	4
5	800	RCPT	HEADWALL E - INTERMEDIATE CARE 704	1	20	C	20 1 WATER TREAT - CRITICAL CARE 730	POWR	1000	6
7	1000	POWR	DIALYSIS - INTERMEDIATE CARE 704	1	20	A	20 1 DIALYSIS - CRITICAL CARE 730	POWR	1000	8
9	1000	POWR	WATER TREAT - INTERMEDIATE CARE 704	1	20	B	20 1 HEADWALL W - CRITICAL CARE 730	RCPT	800	10
11	1200	RCPT	HEADWALL W - INTERMEDIATE CARE 703	1	20	C	20 1 HEADWALL E - CRITICAL CARE 730	RCPT	1200	12
13	800	RCPT	HEADWALL E - INTERMEDIATE CARE 703	1	20	A	20 1 WATER TREAT - CRITICAL CARE 731	POWR	1000	14
15	1000	POWR	DIALYSIS - INTERMEDIATE CARE 703	1	20	B	20 1 DIALYSIS - CRITICAL CARE 731	POWR	1000	16
17	1000	POWR	WATER TREAT - INTERMEDIATE CARE 703	1	20	C	20 1 HEADWALL W - CRITICAL CARE 731	RCPT	800	18
19	800	RCPT	BED - INTERMEDIATE CARE 701.702	1	20	A	20 1 BED - CRITICAL CARE 731.732	RCPT	800	20
21	1200	RCPT	HEADWALL W - INTERMEDIATE CARE 702	1	20	B	20 1 HEADWALL E - CRITICAL CARE 731	RCPT	1200	22
23	800	RCPT	HEADWALL E - INTERMEDIATE CARE 702	1	20	C	20 1 WATER TREAT - CRITICAL CARE 732	POWR	1000	24
25	1000	POWR	DIALYSIS - INTERMEDIATE CARE 702	1	20	A	20 1 DIALYSIS - CRITICAL CARE 732	POWR	1000	26
27	1000	POWR	WATER TREAT - INTERMEDIATE CARE 702	1	20	B	20 1 HEADWALL W - CRITICAL CARE 732	RCPT	800	28
29	1200	RCPT	HEADWALL W - INTERMEDIATE CARE 701	1	20	C	20 1 HEADWALL E - CRITICAL CARE 732	RCPT	1200	30
31	800	RCPT	HEADWALL E - INTERMEDIATE CARE 701	1	20	A	20 1 WATER TREAT - CRITICAL CARE 733	POWR	1000	32
33	1000	POWR	DIALYSIS - INTERMEDIATE CARE 701	1	20	B	20 1 DIALYSIS - CRITICAL CARE 733	POWR	1000	34
35	1000	POWR	WATER TREAT - INTERMEDIATE CARE 701	1	20	C	20 1 HEADWALL W - CRITICAL CARE 733	RCPT	800	36
37	800	POWR	BED - INTERMEDIATE CARE 727	1	20	A	20 1 BED - CRITICAL CARE 733.734	RCPT	800	38
39	1000	POWR	DIALYSIS - CRITICAL CARE 727	1	20	B	20 1 HEADWALL E - CRITICAL CARE 733	RCPT	1200	40
41	800	RCPT	HEADWALL W - CRITICAL CARE 727	1	20	C	20 1 WATER TREAT - CRITICAL CARE 734	POWR	1000	42
43	800	RCPT	BED - CRITICAL CARE 727.728	1	20	A	20 1 DIALYSIS - CRITICAL CARE 734	POWR	1000	44
45	1200	RCPT	HEADWALL E - CRITICAL CARE 727	1	20	B	20 1 HEADWALL W - CRITICAL CARE 734	RCPT	800	46
47	1000	POWR	WATER TREAT - CRITICAL CARE 728	1	20	C	20 1 HEADWALL E - CRITICAL CARE 734	RCPT	1200	48
49	1000	POWR	DIALYSIS - CRITICAL CARE 728	1	20	A	20 1 WARMING CABINET - EQUIP 7713	RCPT	1000	50
51	800	RCPT	HEADWALL W - CRITICAL CARE 728	1	20	B	20 1 MED GAS ALARM - NURSE STATION 712	POWR	400	52
53	1200	RCPT	HEADWALL E - CRITICAL CARE 728	1	20	C	20 1 REC S - NURSE STATION 7712	RCPT	800	54
55	1000	POWR	WATER TREAT - CRITICAL CARE 728	1	20	A	20 1 REC N - NURSE STATION 7712	RCPT	800	56
57	1000	POWR	DIALYSIS - CRITICAL CARE 729	1	20	B	20 1 SPARE			58
59	800	RCPT	HEADWALL W - CRITICAL CARE 729	1	20	C	20 1 SPARE			60
61										62
63										64
65										66
67										68
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117										118
119										120

- 1 PROVIDE (2) 60-POLE SECTIONS.

	CONNECTED KVA:				DEMAND FACTOR	KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				PH-A	PH-B	PH-C	
Receptacle (First 10000VA at 1 + remainder at 0.5)	8.2	10.4	12.8	10.0	1	10.0		57.5	45.0	57.1	70.3
Power	10.0	8.4	6.0	24.4	1						



TECHNOLOGY SHEET INDEX

SHEET NO.	SHEET TITLE
T0.1	TECHNOLOGY GENERAL NOTES AND SYMBOLS
TD1.1A	7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA A
TD1.1B	7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA B
T1.0	7TH FLOOR DISTRIBUTION AND ZONING PLANS
T1.1A	7TH FLOOR COMMUNICATIONS PLAN - AREA A
T1.1B	7TH FLOOR COMMUNICATIONS PLAN - AREA B
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T1.2B	7TH FLOOR DATA NETWORK PLAN - AREA B
T1.3A	7TH FLOOR SAFETY-SECURITY PLAN - AREA A
T1.3B	7TH FLOOR SAFETY-SECURITY PLAN - AREA B
T5.1	COMMUNICATIONS DETAILS
T5.2	DATA NETWORK DETAILS
T5.3	SAFETY-SECURITY DETAILS

GENERAL NOTES

- ALL TECHNOLOGY WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) & THE AMERICANS WITH DISABILITIES ACT (ADA).
 - REFER TO RELATED ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS FOR RELATED INFORMATION.
 - REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
 - ALL MOUNTING HEIGHTS TO CENTERLINE OF ITEM UNLESS OTHERWISE NOTED. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
 - REFERENCE ARCHITECTURAL FINISH DRAWINGS FOR LOCATIONS AND HEIGHTS OF RIGID WALL COVERINGS, TILE, CHAIR RAIL, WAINSCOTING, ETC. AND ADJUST ELECTRICAL BOX ROUGH-IN HEIGHTS SO THAT COVERPLATES DO NOT PARTIALLY OVERLAP THESE ITEMS.
 - PROVIDE 18" LONG (MIN.) CONDUIT SLEEVES THRU ALL WALLS WHERE CABLES ARE INDICATED OR REQUIRED TO PASS THRU WALLS. PROVIDE BUSHINGS ON BOTH ENDS. SIZE CONDUIT FOR CABLES INSTALLED. AT CABLE TRAYS, PROVIDE ONE 4" CONDUIT SLEEVE FOR EACH 4" WIDTH OF CABLE TRAY. MAXIMUMS SHALL BE:
1" = 10 CABLES
2 1/2" = 20 CABLES
3" = 30 CABLES
4" = 50 CABLES
 - LOCATE CABLE TRAYS 6" ABOVE CEILING. OFFSET TRAY UP AND OVER LIGHT FIXTURES AND DUCTWORK (FIELD VERIFY AND PROVIDE AS REQUIRED). IF PHYSICALLY IMPOSSIBLE TO RUN CABLE TRAY UP AND OVER, THEN PROVIDE CABLE SUPPORT HOOKS FROM STRUCTURE ABOVE, SIZED AND RATED FOR INSTALLED CABLES PLUS 25% SPARE.
- COMMUNICATION / DATA**
- EACH DATA, TELEPHONE, VIDEO, OR OTHER SYSTEMS OUTLET REQUIRES 1" WITH PULL ROPE STUBBED 6" ABOVE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED ON PLANS. CONDUITS STUBBED UP ABOVE ACCESSIBLE CEILINGS SHALL BE TURNED OUT 90 DEGREES. PROVIDE INSULATED BUSHINGS ON ALL CONDUITS. LABEL CONDUIT TO IDENTIFY ITS INTENDED USE (I.E. TELEPHONE, DATA, ETC.).
 - RUN CABLES CONTINUOUS FROM JACK TO ASSOCIATED SYSTEM PATCH PANEL IN CONDUIT, CABLE TRAY, OR J-HOOKS PER THE PLANS AND SPECIFICATIONS. CABLES SHALL BE ROUTED IN CONDUIT ABOVE NON-ACCESSIBLE CEILINGS.
 - PROVIDE QUANTITY, TYPE, AND COLOR OF JACKS AND CABLES PER THE DRAWINGS, SPECIFICATIONS AND DETAILS. PROVIDE JACK AND CABLE LABELING PER THE SPECIFICATIONS.
- NURSE CALL**
- DEVICE MOUNTING HEIGHTS SHALL BE COORDINATED WITH HEADWALLS AS APPLICABLE.
 - A GASKET SHALL BE INCLUDED FOR DEVICES LOCATED ADJACENT TO A SHOWER OR TUB. DEVICE MOUNTING HEIGHT SHALL BE PER FGI GUIDELINES.
 - ALL PATIENT STATIONS SHALL INCLUDE A PILLOW SPEAKER.
 - SEE NURSE CALL MOUNTING DETAIL FOR DEVICE MOUNTING HEIGHTS.
 - DEVICE LOCATIONS ARE SHOWN TO INDICATE DESIGN INTENT. PROVIDE ALL REQUIRED DEVICES IN ACCORDANCE WITH 2022 FGI TABLE 2.1.2 AND ALL OTHER APPLICABLE CODES AND STANDARDS.
- FIRE ALARM**
- THE FIRE ALARM SYSTEM SHOWN SHALL BE DESIGNED PER THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 72. DEVICES SHOWN INDICATE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
 - FIELD VERIFY LOCATIONS OF AREA SMOKE DETECTORS AND HEAT DETECTORS. DO NOT LOCATE WITHIN 36" OF A HVAC DIFFUSER (SUPPLY OR RETURN), IN A DIRECT AIR FLOW, WITHIN 36" OF A SPRINKLER HEAD, OR WITHIN 36" OF THE TIP OF A CEILING FAN BLADE. SMOKE DETECTORS FOR DOOR RELEASE SHALL BE LOCATED ON THE CENTER LINE OF THE DOOR AND A MAXIMUM OF 5 FEET FROM THE DOOR. THE MINIMUM DISTANCE FROM THE DOOR IS THE DEPTH OF THE WALL SECTION ABOVE THE DOOR, BUT NOT LESS THAN 12".
 - FAN SHUTDOWN RELAY WIRING SHALL BE LOCATED WITHIN 3 FEET OF THE FAN CONTROLS AND THE WIRING TO THE RELAY SHALL BE MONITORED.
 - LABEL REMOTE ALARM INDICATOR FOR DUCT MOUNTED SMOKE DETECTORS (I.E. RTU-1 SUPPLY, RTU-2 RETURN, FIRE/SMOKE DAMPER, ETC.). DUCT DETECTORS SHOULD BE LOCATED IN THE AREA BETWEEN 6 AND 10 DUCT EQUIVALENT DIAMETERS OF STRAIGHT, UNINTERRUPTED DUCTWORK. DUCT DETECTORS FOR FIRE/SMOKE DAMPERS SHOULD BE LOCATED BETWEEN THE LAST INLET OR OUTLET UPSTREAM OF THE DAMPER AND THE FIRST INLET OR OUTLET DOWNSTREAM OF THE DAMPER.
 - PROVIDE 120V POWER AND FUSTAT FOR EACH FIRE/SMOKE DAMPER. INTERLOCK WITH FIRE ALARM CONTROL PANEL TO CLOSE THE FIRE/SMOKE DAMPER UPON ANY ALARM AT THE FIRE ALARM CONTROL PANEL AND TO SHUTDOWN THE ASSOCIATED MECHANICAL UNIT.

ADDITIONAL FIRE ALARM NOTE:
TROUBLE ALARMS, CODES, TEXTS, ETC SHALL BE SENT TO THE PLANT OFFICE. ALARMS DO NOT NEED TO BE SILENCED OR CANCELLED REMOTELY.

SPECIAL OUTLETS

MARK	DESCRIPTION
PT4	POKE-THRU: PROVIDE (2) CAT-6 DATA JACKS IN A 2-PORT MODULE MOUNTED IN POKE-THRU GANG RESERVED FOR DATA. ROUTE CABLES VIA 1" C. TO ABOVE NEAREST ACCESSIBLE CEILING.
TVN	TV WITH NURSE CALL CONNECTION: PROVIDE (1) CAT-6 DATA JACK FOR CATV AND FEED-THRU FOR TV CONTROL CABLING. PROVIDE ALL INTERCONNECTION LOW-VOLTAGE CABLING AS REQUIRED FOR TV TO INTERFACE WITH NURSE CALL SYSTEM. ROUTE TV CONTROL CABLING VIA 3/4" C. ROUTE CATV CABLING VIA 1" C.

SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
ABBREVIATIONS					
AFF	ABOVE FINISHED FLOOR		UON	UNLESS OTHERWISE NOTED	
AFG	ABOVE FINISHED GRADE		WP	WEATHERPROOF	
RTL5	REAL-TIME LOCATION SYSTEM				
COMMUNICATIONS / PUBLIC ADDRESS					
PA/CP	PA/SOUND SYSTEM W/RACK/SHELF	FLOOR/WALL	PM	PA MASTER	
PS	PAGING SPEAKER (ROUND/SQUARE)	CEILING	CS	CALL SWITCH	46" AFF
PS#	PAGING SPEAKER (ROUND)	PENDANT	VC	VOLUME CONTROL	46" AFF
PS#	PAGING SPEAKER	WALL	B	BELL	BOTTOM 80"
CS/S	CLOCK/SPEAKER (SYSTEM CLOCK)	WALL	MO	MICROPHONE OUTLET	WALL
DF	ANALOG SYNCHRONIZED CLOCK SYSTEM (DF = DUAL FACE)	WALL	ECBMS	EMERGENCY 2-WAY COMM - EM CALL BOX MASTER STATION	WALL
DF-T	DIGITAL CLOCK WITH TIMER	WALL	ECB	EMERGENCY 2-WAY COMM - EMERGENCY CALL BOX	42" AFF
IM	INTERCOM MASTER				
ID	INTERCOM DOOR STATION				
IS	INTERCOM SYSTEM SUB-STATION				
PHONE / DATA / CATV / PATHWAYS					
▷	1-DATA OUTLET & JACK (GEN NOTES T1 & T3)	18" AFF		HORIZONTAL CABLE TAG: LETTER = SYSTEM C = CATV D = DATA N = NURSE CALL P = PATIENT MONITORING R = RTL5 S = SECURITY W = WIRELESS ACCESS POINT # = CABLE QUANTITY	SEE HORIZONTAL CABLE SCHEDULE
▷	2-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF	A#	CONDUIT SLEEVE	GENERAL NOTE 6
▷	3-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF		FIRE-RATED CONDUIT SLEEVE	GENERAL NOTE 7
X▷	x-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF		CABLE TRAY: WIRE BASKET LADDER SOLID BOTTOM	
W▷	WALL PHONE (GEN NOTES T1 & T3)	46" AFF		DOUBLE-SWING ENCLOSED DATA CABINET	WALL
WAP▷	WIRELESS ACCESS POINT (MOUNT IN BISCUIT JACK)	CEILING			
T▷	TIME CLOCK (GEN NOTES T1 & T3)	46" AFF			
PM▷	PATIENT MONITORING (ORANGE JACK) (GEN NOTES T1 & T3)	48" AFF			
▷	CABLE TV OR VIDEO OUTLET & CONNECTOR (GEN NOTES T1 & T3)	18" AFF			
▷	SPECIAL OUTLET (SEE SCHEDULE OR AS NOTED)				
NURSE CALL (BASIS OF DESIGN: ASCOM TELLIGENCE)					
S	STAFF STATION (WITH PROGRAMMABLE BUTTONS)		NCCP	NURSE CALL CONTROL PANEL	WALL
S#	STAFF STATION WITH SPECIFIED FEATURES (SEE NC SCHEDULE)		ZL	ZONE LIGHT	CEILING
P	PATIENT STATION (WITH PROGRAMMABLE BUTTONS)	GEN NOTE N3	DL	DOMESTIC LIGHT	CLG/WALL
P#	PATIENT STATION WITH SPECIFIED FEATURES (SEE NC SCHEDULE)		BI	NC BED INTERFACE UNIT	
DS	DUTY STATION WITH AUDIO		CB	CODE BLUE STATION	DESKTOP
			NM	MASTER STATION	
			X	PRESENCE STATION	
			A	AUXILIARY JACK	
			BS	EMERGENCY BATH STATION	GEN NOTE N2
			IR	RTL5 INFRARED SENSOR	CEILING
FIRE ALARM					
FA/CP	FIRE ALARM CONTROL PANEL	WALL	M	FIRE ALARM MANUAL STATION	46" AFF
FAAP	FIRE ALARM REMOTE ANNUNCIATOR	WALL	SE	PHOTO ELECTRIC AREA SMOKE DETECTOR (GEN NOTE F2)	CLG/WALL ABOVE CLG UNDER FLR
VEP	VOICE EVACUATION PANEL	WALL	SA	DUCT SMOKE DETECTOR (GEN NOTE F4)	DUCTWORK
VH	FIRE ALARM HORN	BOTTOM 80"	SD	DUCT SMOKE DETECTOR & FIRE/SMOKE DAMPER (GEN NOTES F4 & F5)	DUCTWORK
VH-C	FIRE ALARM HORN	CEILING	HT	HEAT DETECTOR (GEN NOTE F2) (FIXED TEMPERATURE UON)	
VH-V	FIRE ALARM VISUAL SIGNAL	BOTTOM 80"	R	R = RATE OF RISE	
VH-VI	FIRE ALARM VISUAL SIGNAL	CEILING	H	H = HIGH TEMPERATURE	
VH-VI-C	COMB. F.A. HORN & VISUAL SIGNAL	CEILING	CO2	CARBON MONOXIDE DETECTOR	
VH-VI-V	COMB. F.A. SPEAKER & VIS SIGNAL	BOTTOM 80"	CO2	CARBON DIOXIDE DETECTOR	
VH-VI-VI	COMB. F.A. SPEAKER & VIS SIGNAL	CEILING	SMOKE	SMOKE CAMERA (EQUAL TO XTRALIS OSID)	WALL (AS HIGH AS POSSIBLE)
CH	CHIME	WALL	FS	FIRE SPRINKLER PRESSURE SWITCH	SPRKL RSR
CS	FIRE SPRINKLER ALARM BELL	WALL	TS	FIRE SPRINKLER TAMPER SWITCH	SPRKL RSR
ED	ELECTROMAGNETIC DOOR HOLDER	WALL	FS	FIRE SPRINKLER WATER FLOW SW	SPRKL RSR
R	FIRE ALARM RELAY (GEN NOTE F3)				
CM	FIRE ALARM CONTROL MODULE				
MM	FIRE ALARM MONITOR MODULE				
SECURITY					
CC	CCTV CAMERA - BULLET		ACS#	ACCESS CONTROL SYSTEM PANEL	WALL
CCZ	CCTV CAMERA - PAN/TILT/ZOOM		DS	DOOR POSITION SWITCH	
CCQ	CCTV CAMERA - 360° QUAD SENSOR WITH PTZ ATTACHMENT		EL	ELECTRIC DOOR STRIKE	
CCD	CCTV DOME CAMERA - FIXED (SINGLE SENSOR)		M	MAGNETIC LOCK	
CCD	CCTV DOME CAMERA - FIXED (DUAL SENSOR)		CR	CARD READER	WALL
CCD	CCTV DOME CAMERA - FIXED (TRI SENSOR)		CRM	CARD READER	MULLION
CCD	CCTV DOME CAMERA - FIXED (QUAD SENSOR)		K	KEY PAD	
CCD	CCTV DOME CAMERA - FIXED (360° FISH EYE)		ED	REQUEST TO EXIT DEVICE (MOTION)	
DU	DURESS		RE	REQUEST TO EXIT DEVICE (PSHBTN)	WALL
DR	DOOR RELEASE BUTTON		##	DOOR TAG	
			IC	INTERCOM	WALL
			ICV	VIDEO INTERCOM	WALL
			ICVC	VIDEO INTERCOM W/ CARD READER	WALL
			IDSP	INTRUSION DETECTION SYST PANEL	WALL
				GLASS BREAK SENSOR	
			IR	SECURITY BEAM DETECTOR	
			M	SEC ROOM MOTION DETECTOR	WALL/CLG
			M	SEC ROOM MOTION DETECTOR	CEILING
			M	SEC CORRIDOR MOTION DETECTOR	

--- SYMBOL LIST IS FOR REFERENCE ONLY. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. ---

No.	Date	Description

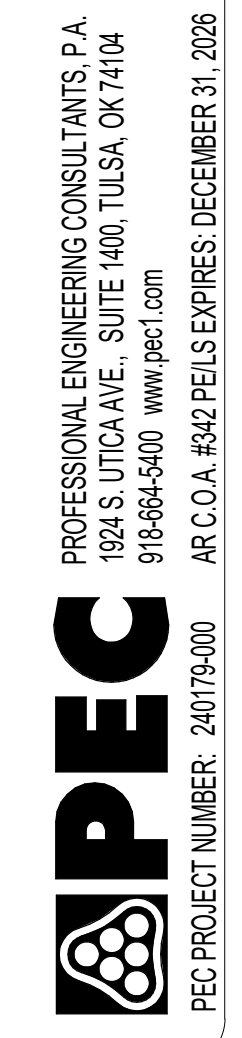
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Step & Rev: _____
Date: 01/07/2025
Scale: NO SCALE

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Date: _____
Sheet: _____
Project No.: 2040-821203



Floor No: _____
Sheet No: _____
T0.1



PROFESSIONAL ENGINEERING CONSULTANTS P.A.
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918-668-6400 www.pec.com
PEC PROJECT NUMBER: 240179-000
A.R.C.O.A. #542 P.E.L.S EXPIRES: DECEMBER 31, 2026



DEMOLITION GENERAL NOTES

- DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE TECHNOLOGY DEMOLITION WORK. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, OUTLETS, JACKS, WIRELESS ACCESS POINTS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
- REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED AREAS. PLUG BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.
- OUTLETS, ETC. POSSIBLY CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC. ARE NOT SHOWN AND MAY REQUIRE REMOVAL.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF EQUIPMENT, RACEWAY SYSTEMS, OUTLET BOXES, ETC.
- ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLANS SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WHERE DEVICES ARE BEING REMOVED FROM FLUSH-MOUNTED OUTLET BOXES IN EXISTING WALLS TO REMAIN, REMOVE JUNCTION BOX AND RACEWAY BACK TO SOURCE. PATCH AND REPAIR WALL AS REQUIRED.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING WORK.

KEYNOTES

No.	Date	Description

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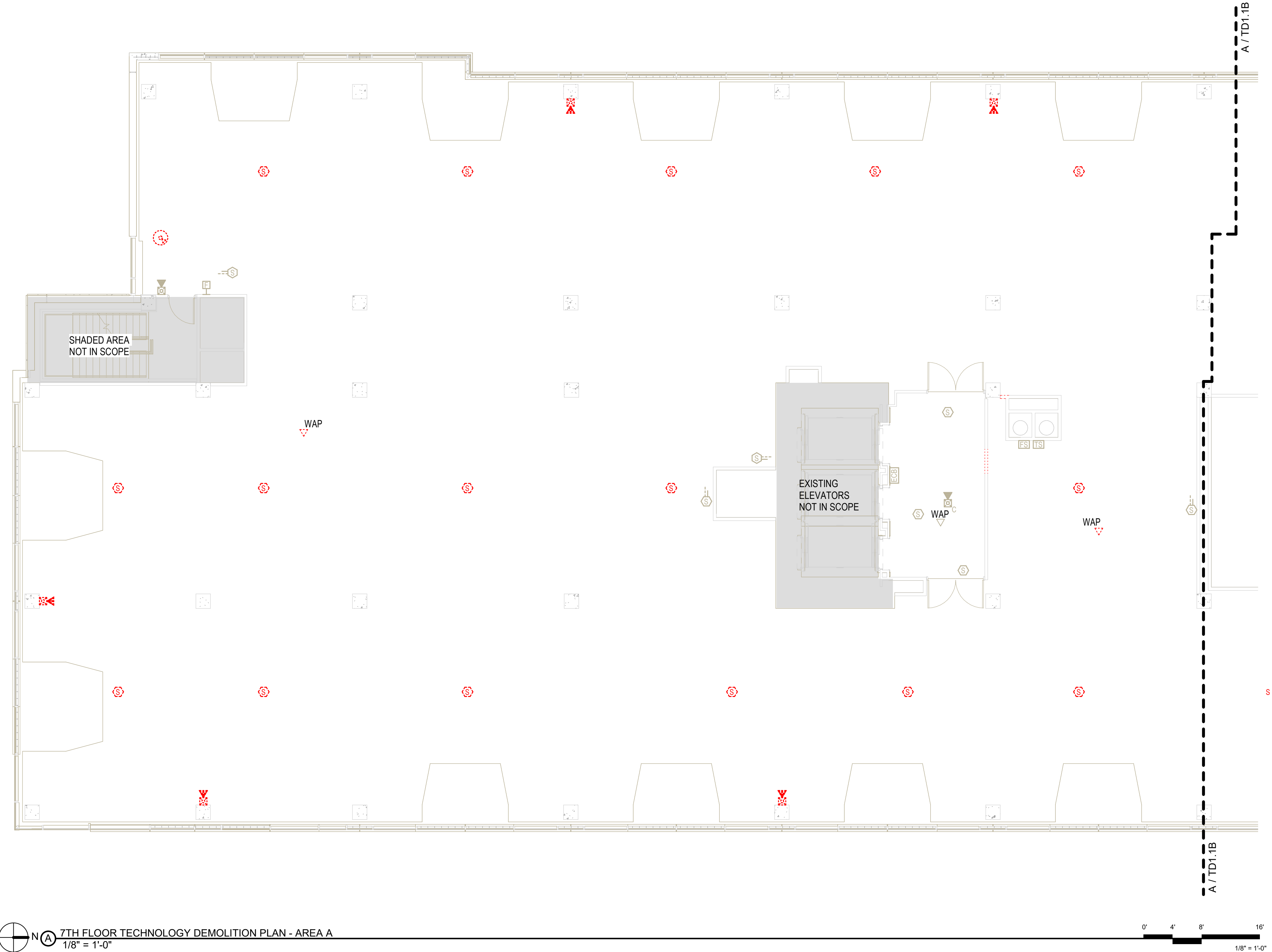
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 Mercy Project No.: 2040-821203
 01/07/2025

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA A

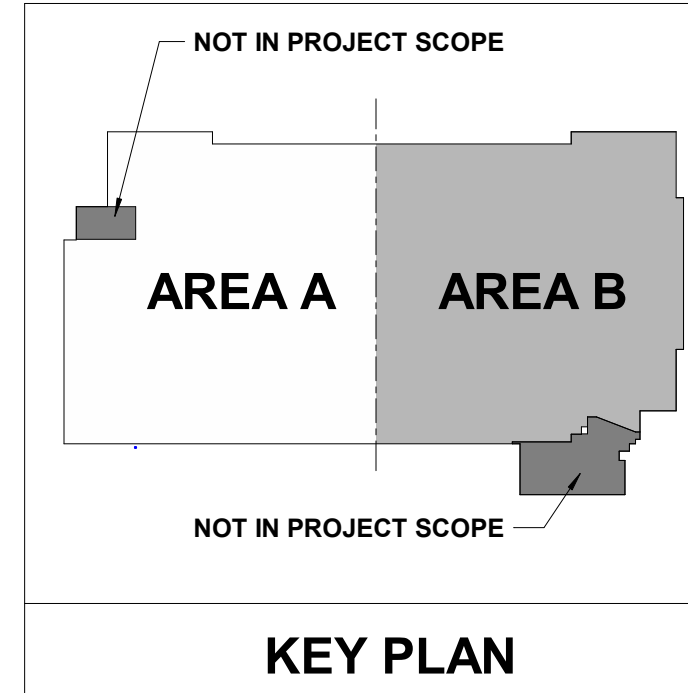
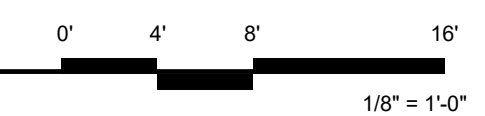


Floor No: Sheet No:
7TH FLOOR
TD1.1A

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7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA A
 1/8" = 1'-0"





DEMOLITION GENERAL NOTES

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KEYNOTES

No.	Date	Description

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Building No.: 1388
 Rogers 7th Floor ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy Project No.: 2040-821203
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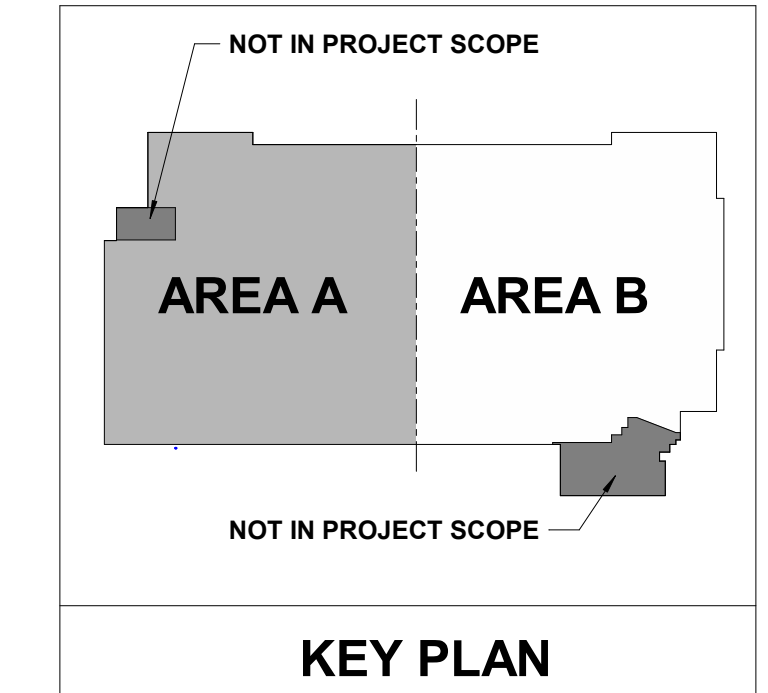
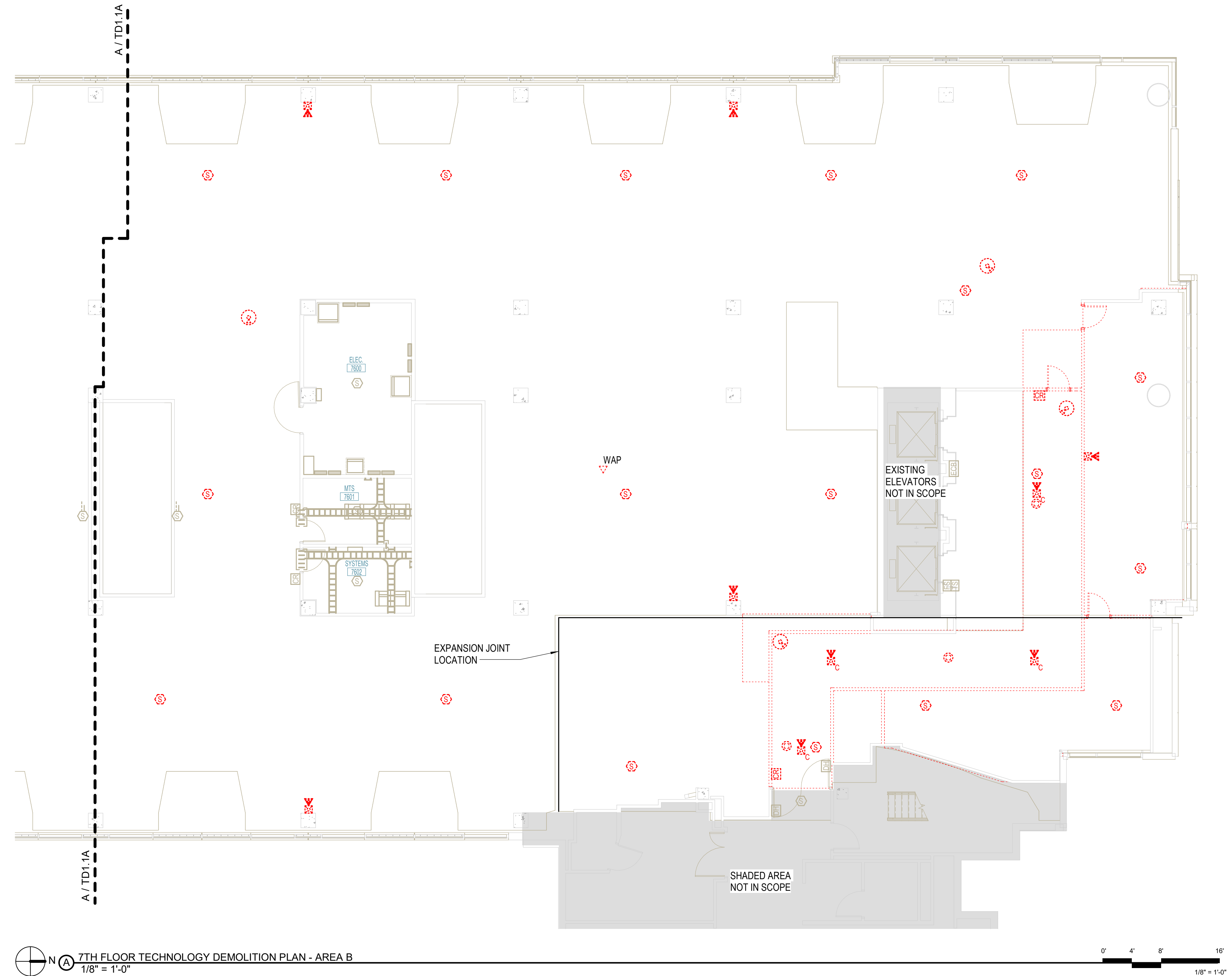
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA B

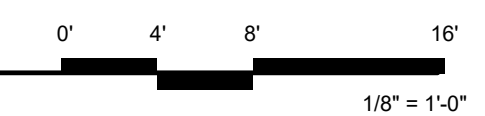
7TH FLOOR

TD1.1B

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7TH FLOOR TECHNOLOGY DEMOLITION PLAN - AREA B
 1/8" = 1'-0"





Architect Logo

No.	Date	Description

PROGRESS DRAWING
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Sheet Name: **MERCY NWA HOSPITAL**
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet No.: 7TH FLOOR DISTRIBUTION AND ZONING PLANS
 Date: 01/07/2025
 Scale: 1/16" = 1'-0"

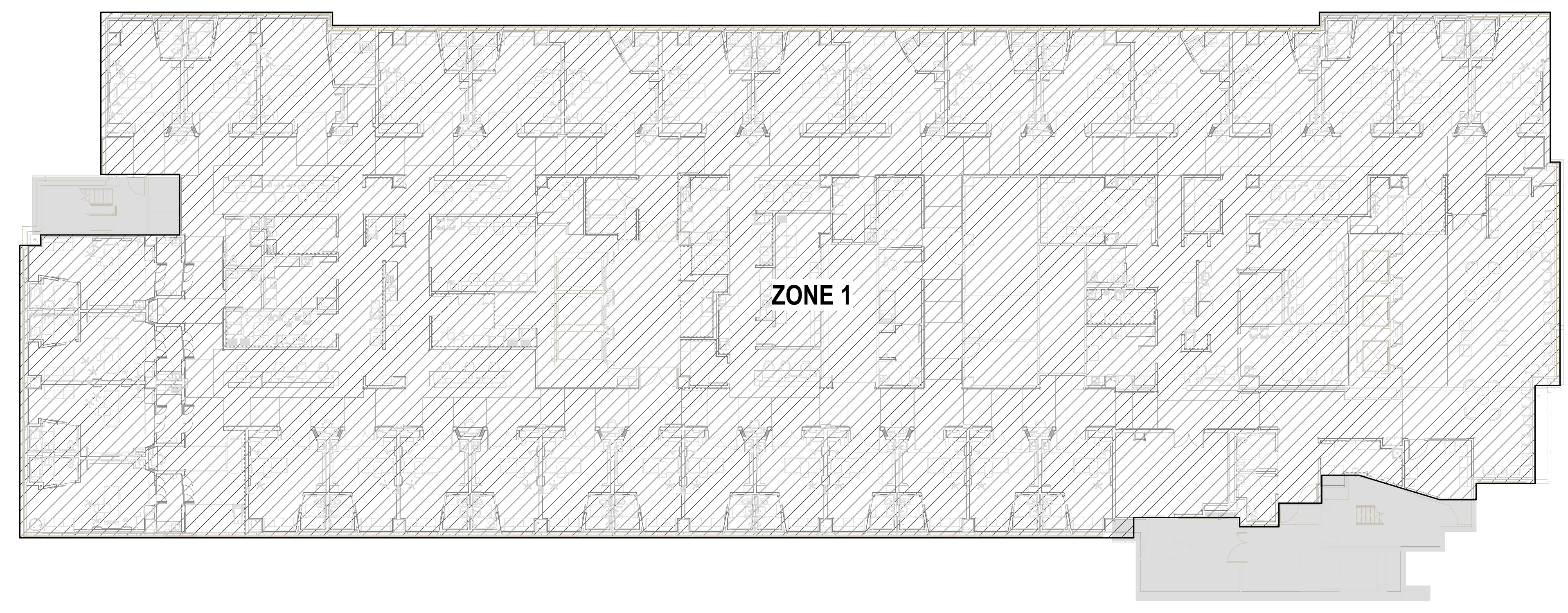
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: 7TH FLOOR DISTRIBUTION AND ZONING PLANS



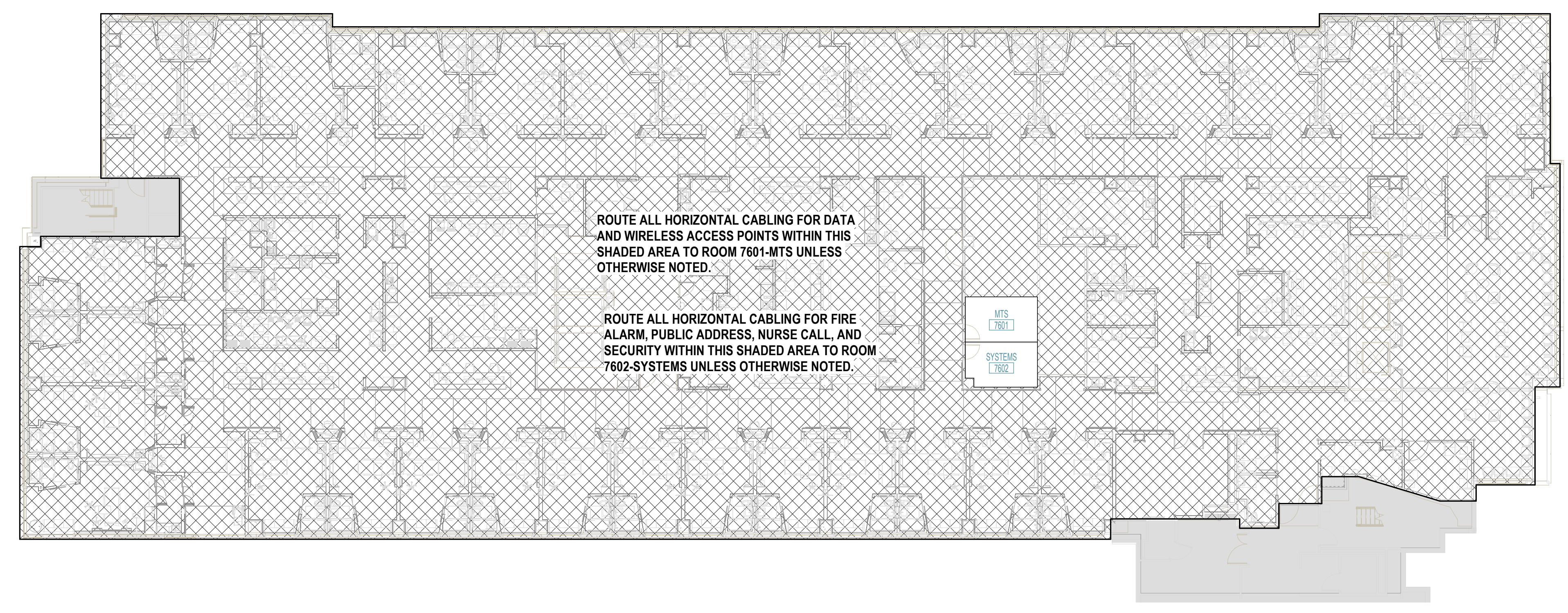
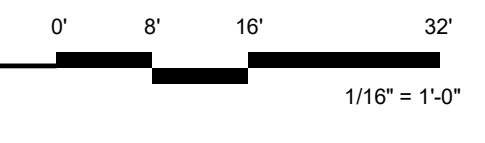
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 Sheet No.: **T1.0**



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Public Address Zoning Plan - 7th Floor
 1/16" = 1'-0"



Network Distribution Plan - 7th Floor
 1/16" = 1'-0"





COMMUNICATIONS GENERAL NOTES

- REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
- FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
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- OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF STC RATED WALLS. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF STC RATED WALLS SHALL BE LIMITED TO TWO OUTLET BOXES PER STUD SPACE AND COVERED WITH "PUTTY PAD" TYPE MOLDABLE FIRE BARRIER.
- SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSITIA-569-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES

No.	Date	Description

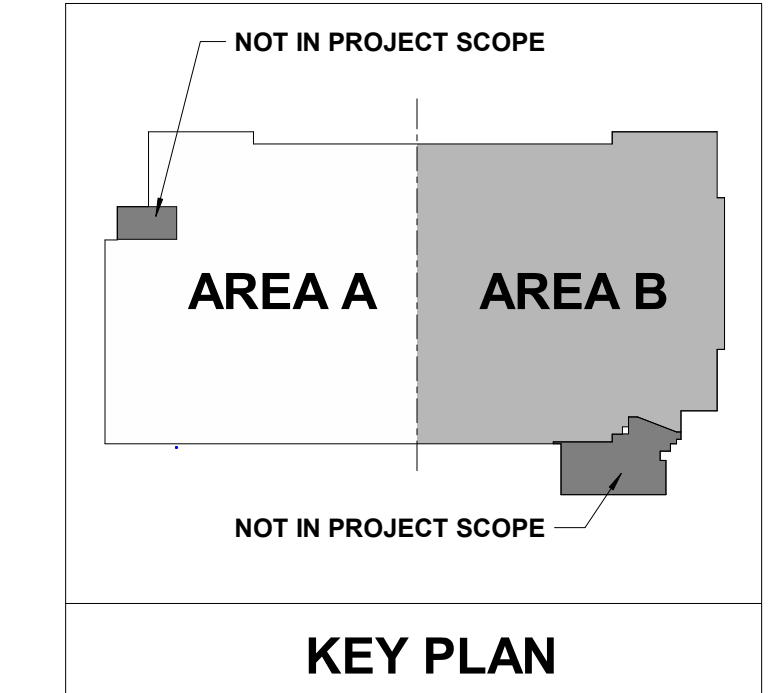
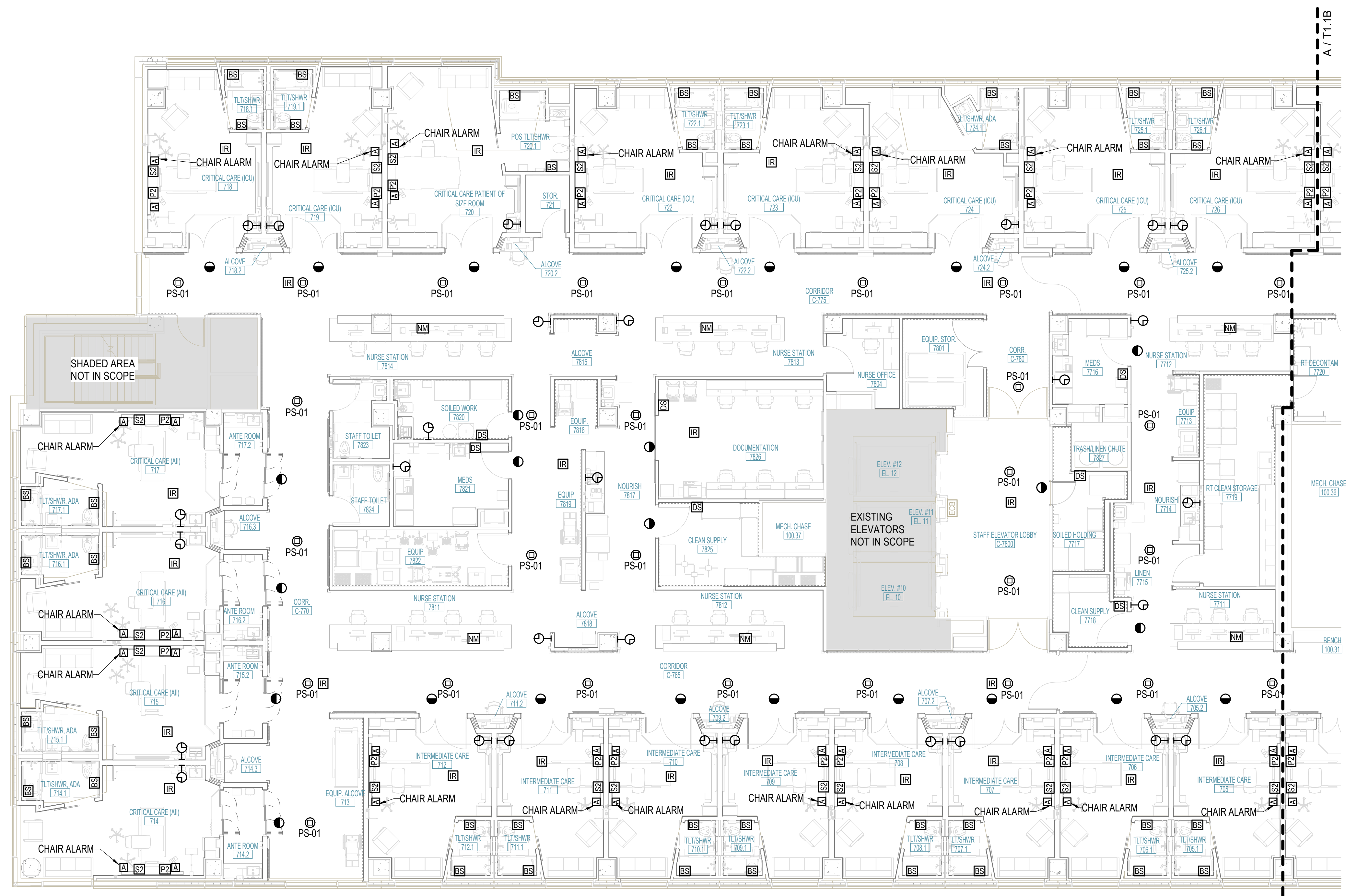
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 Date: 01/07/2025
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MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR COMMUNICATIONS PLAN - AREA A

Floor No.: 7TH FLOOR
 Sheet No.: **T1.1A**

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7TH FLOOR COMMUNICATIONS PLAN - AREA A
 1/8" = 1'-0"



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KEYNOTES

- C1 WIRELESS REPEATER FOR WIRELESS SYNCHRONIZED CLOCKS.
- N2 110-STYLE PUNCH DOWN BLOCK FOR RTLS HEADEND.

No.	Date	Description

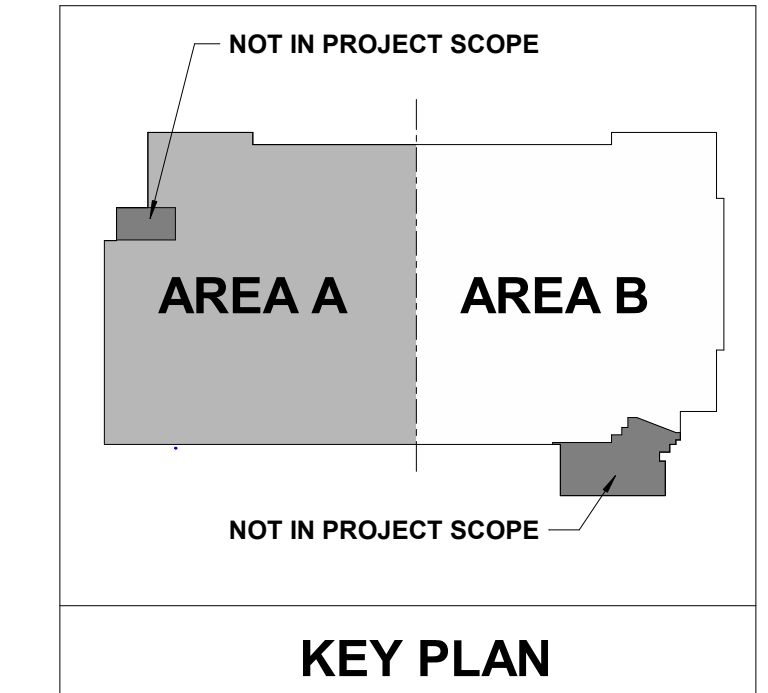
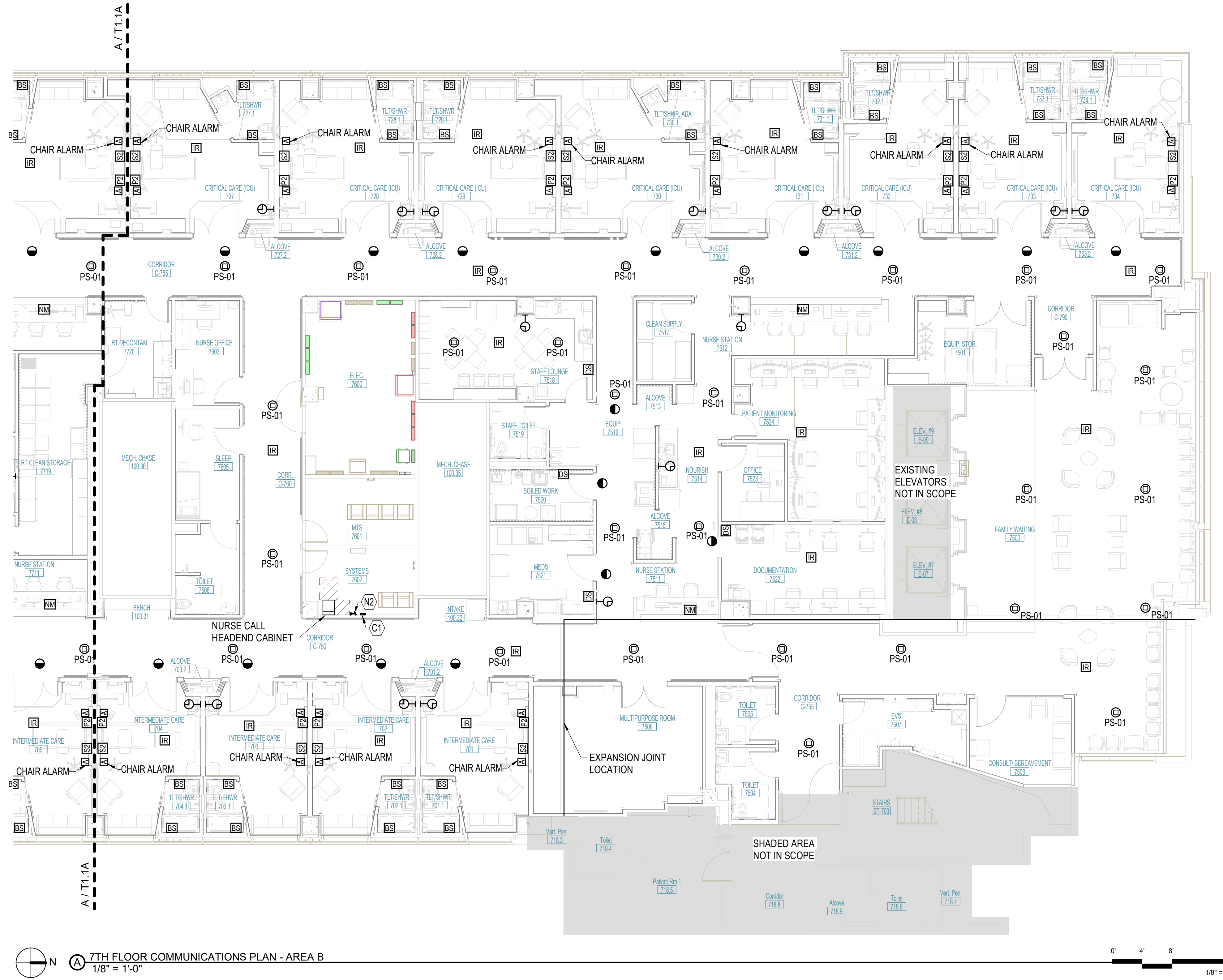
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Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Sheet Name: **7TH FLOOR COMMUNICATIONS PLAN - AREA B**

7TH FLOOR
T1.1B



7TH FLOOR COMMUNICATIONS PLAN - AREA B
1/8" = 1'-0"





COMMUNICATIONS GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILING AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILING, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
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4. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.
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6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSII/TIA-569-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES

No.	Date	Description

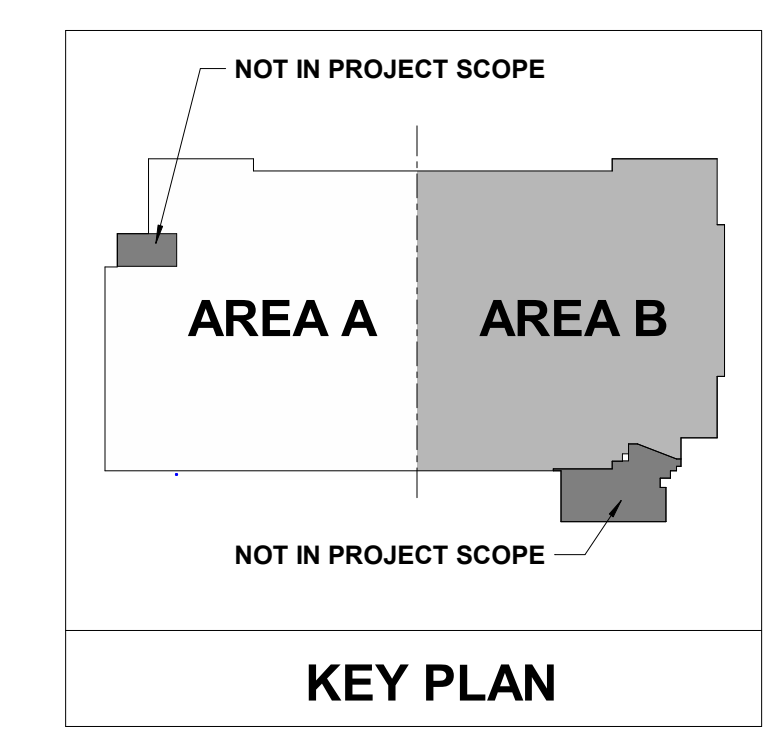
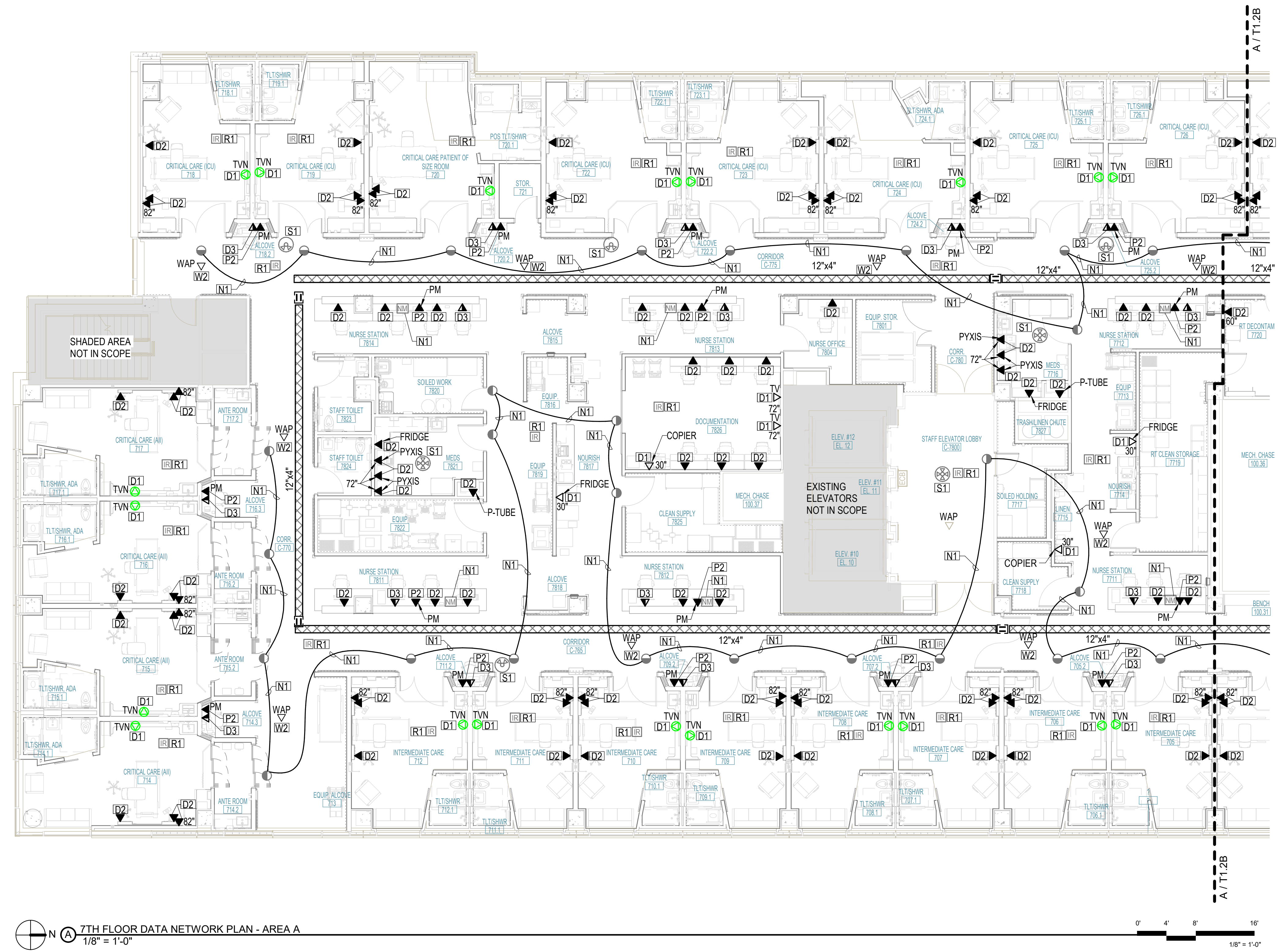
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

7TH FLOOR DATA NETWORK PLAN - AREA A

7TH FLOOR
T1.2A



7TH FLOOR DATA NETWORK PLAN - AREA A
1/8" = 1'-0"

0' 4' 8' 16'
1/8" = 1'-0"

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PEC PROJECT NUMBER: 240179-000 AR.C.O.A. #542 P.E.L.S. EXPIRES: DECEMBER 31, 2026

COMMUNICATIONS GENERAL NOTES

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KEYNOTES

- C1 WIRELESS REPEATER FOR WIRELESS SYNCHRONIZED CLOCKS.
- N1 ROUTE CABLE TO HEADEND CABINET LOCATED IN ROOM 7602-SYSTEMS.
- N2 110-STYLE PUNCH DOWN BLOCK FOR RTLS HEADEND.

Architect Logo

No.	Date	Description

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Sheet & Rev

Mercy Project No.: 2040-821203
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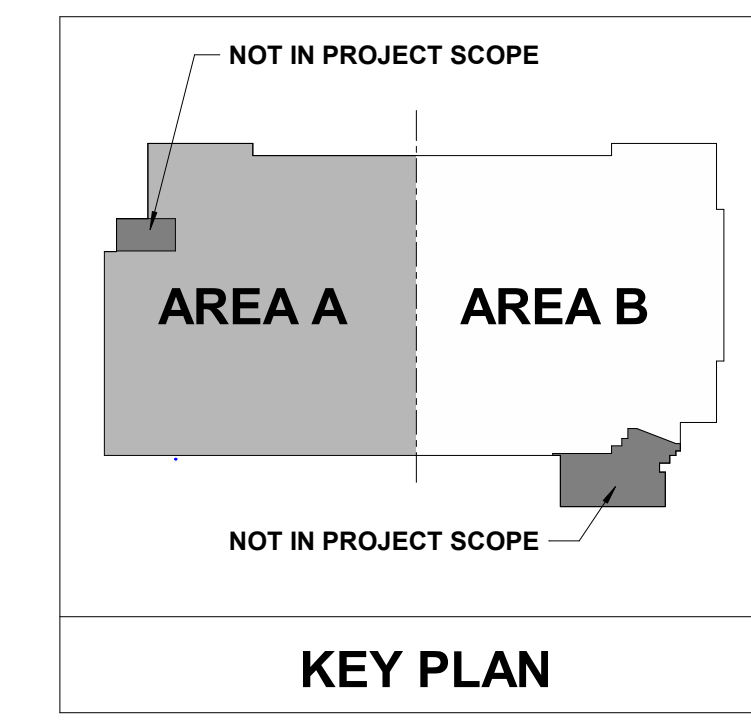
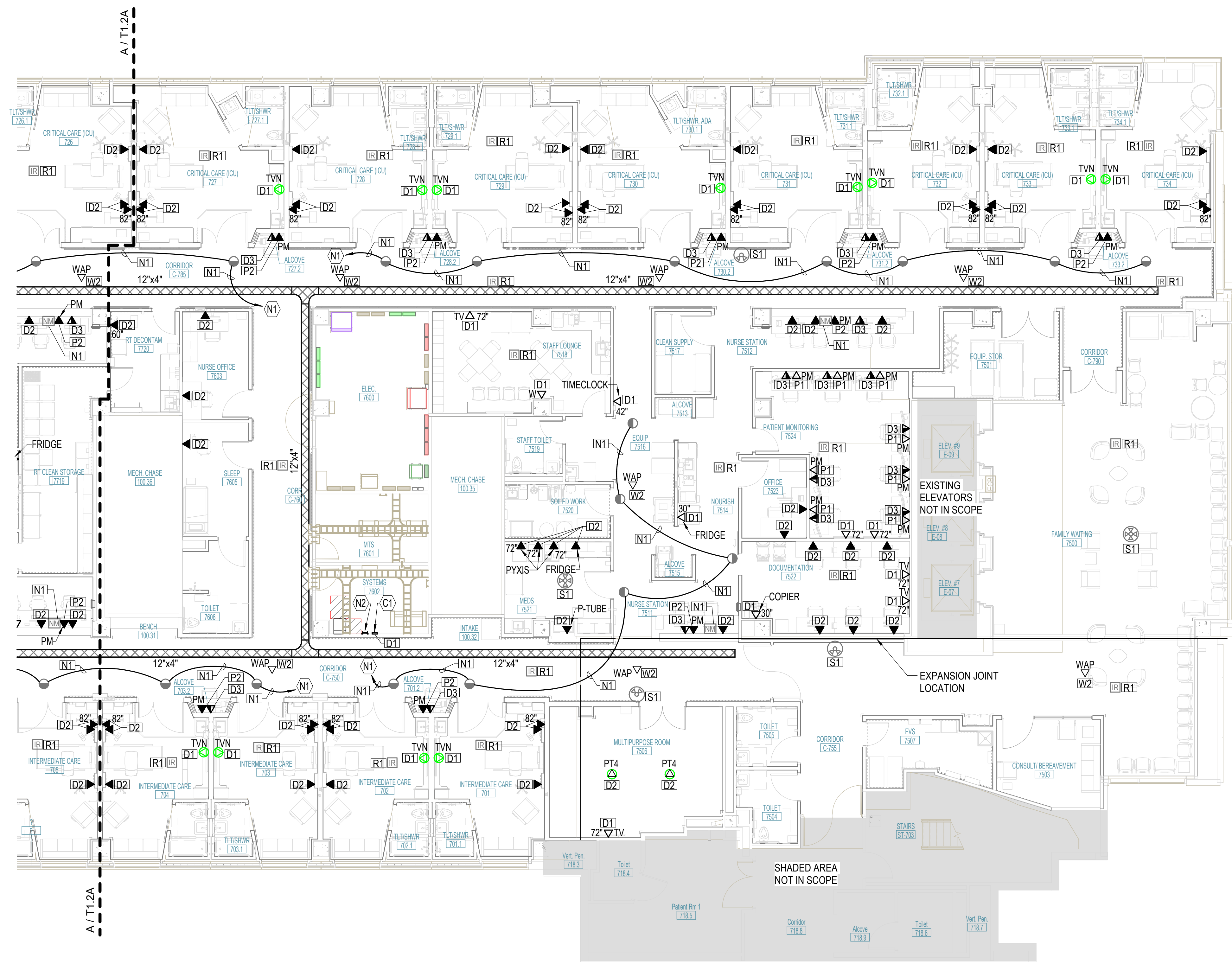
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Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Sheet Name: 7TH FLOOR DATA NETWORK PLAN - AREA B



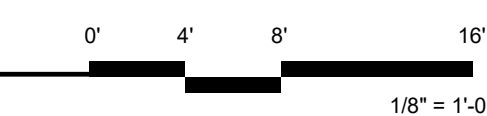
7TH FLOOR

T1.2B

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7TH FLOOR DATA NETWORK PLAN - AREA B
1/8" = 1'-0"



SAFETY-SECURITY GENERAL NOTES

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6. WHERE THE SAME DEVICE IS SHOWN IN THE SAME LOCATION ON BOTH THE POWER AND TECHNOLOGY PLANS, ONLY ONE DEVICE IS REQUIRED. PROVIDE BOTH POWER AND LOW VOLTAGE WIRING AS SHOWN.
7. THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72. DEVICES SHOWN INDICATE THE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

KEYNOTES

- S1 DOOR CONTAINS ACCESS CONTROL DEVICES. REFER TO ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL ACCESS CONTROL DEVICES AND REQUIREMENTS. DOOR POSITION SWITCH(ES) SHALL BE MONITORED WITH ACCESS CONTROL SYSTEM UNLESS OTHERWISE NOTED.
- S2 DOOR CONTAINS AN AUTOMATIC DOOR OPERATOR. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE WITH ACCESS CONTROL DEVICES AS REQUIRED.
- S3 CONNECT TO EXISTING BUILDING DURESS SYSTEM TO ALERT SECURITY STAFF.

No.	Date	Description

PROGRESS DRAWING
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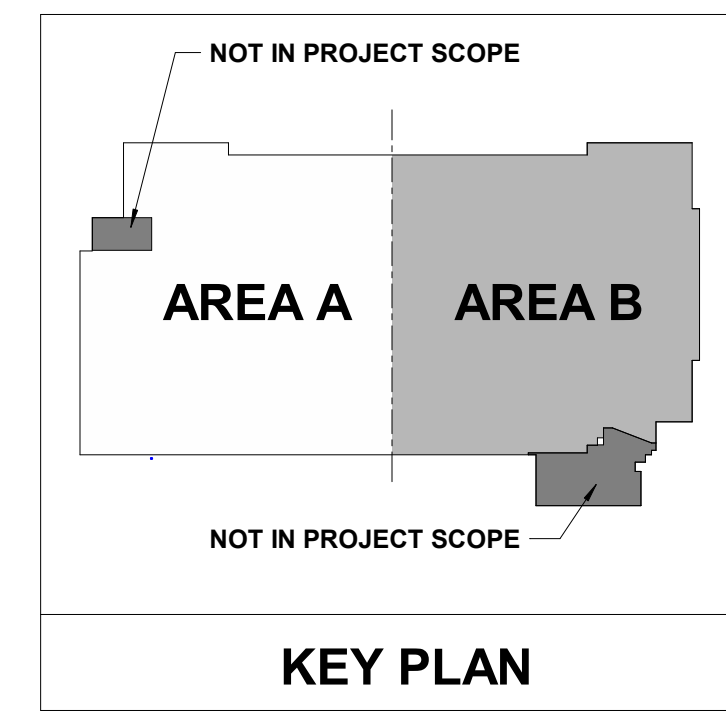
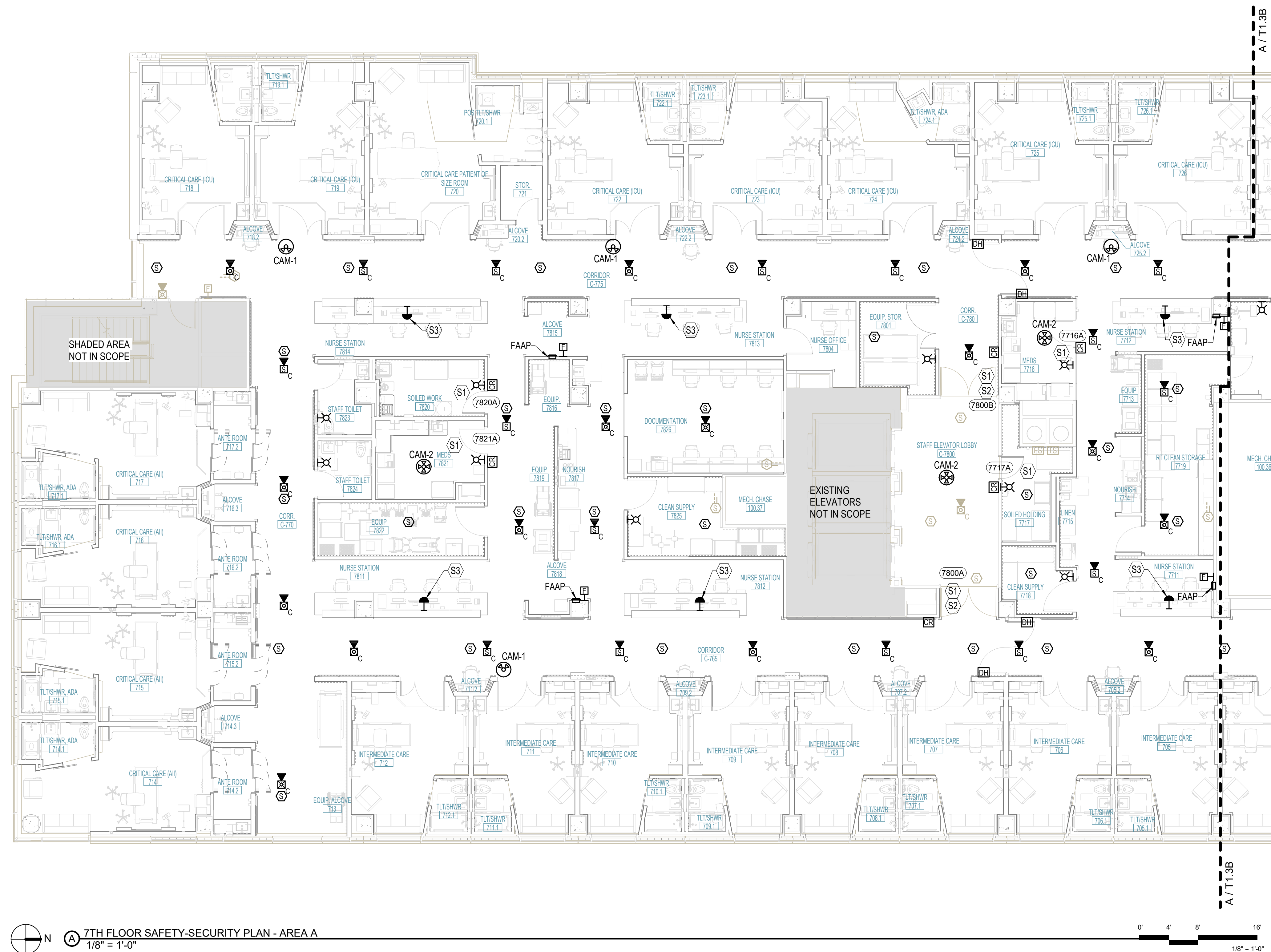
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Scale: As indicated
Mercy Project No.: 2040-821203

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Building No.: 1388
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2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR SAFETY-SECURITY PLAN - AREA A



7TH FLOOR
T1.3A

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No.	Date	Description

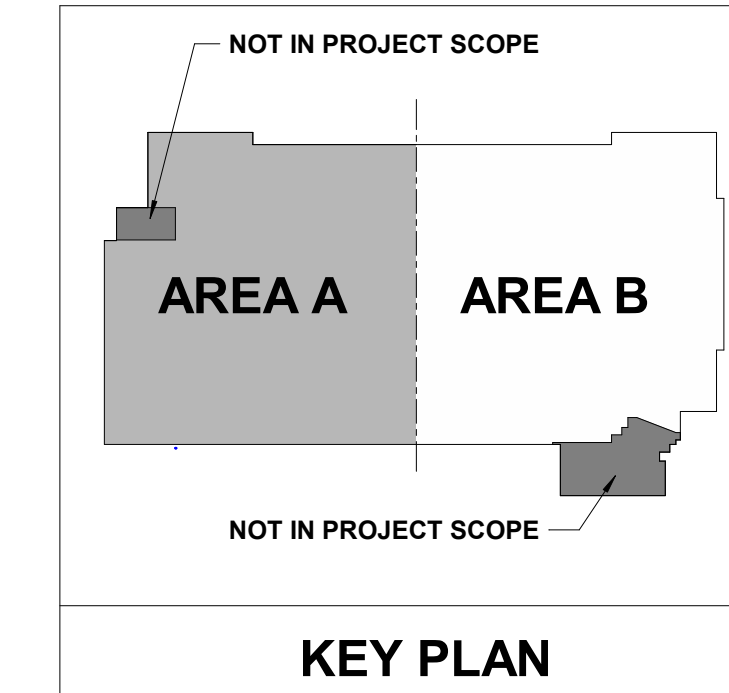
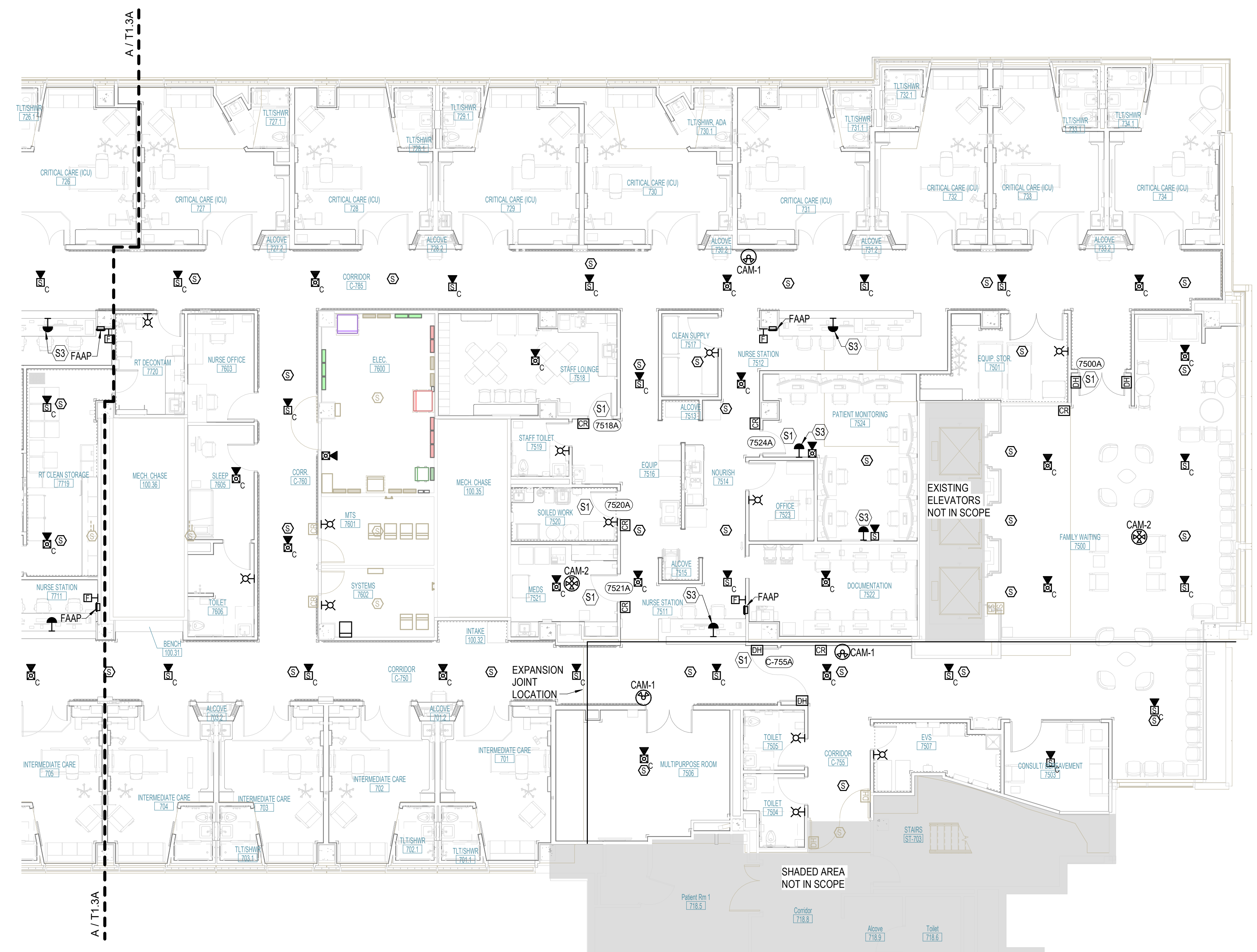
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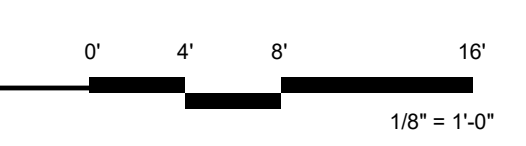
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR SAFETY-SECURITY PLAN - AREA B



7TH FLOOR
T1.3B



7TH FLOOR SAFETY-SECURITY PLAN - AREA B
1/8" = 1'-0"

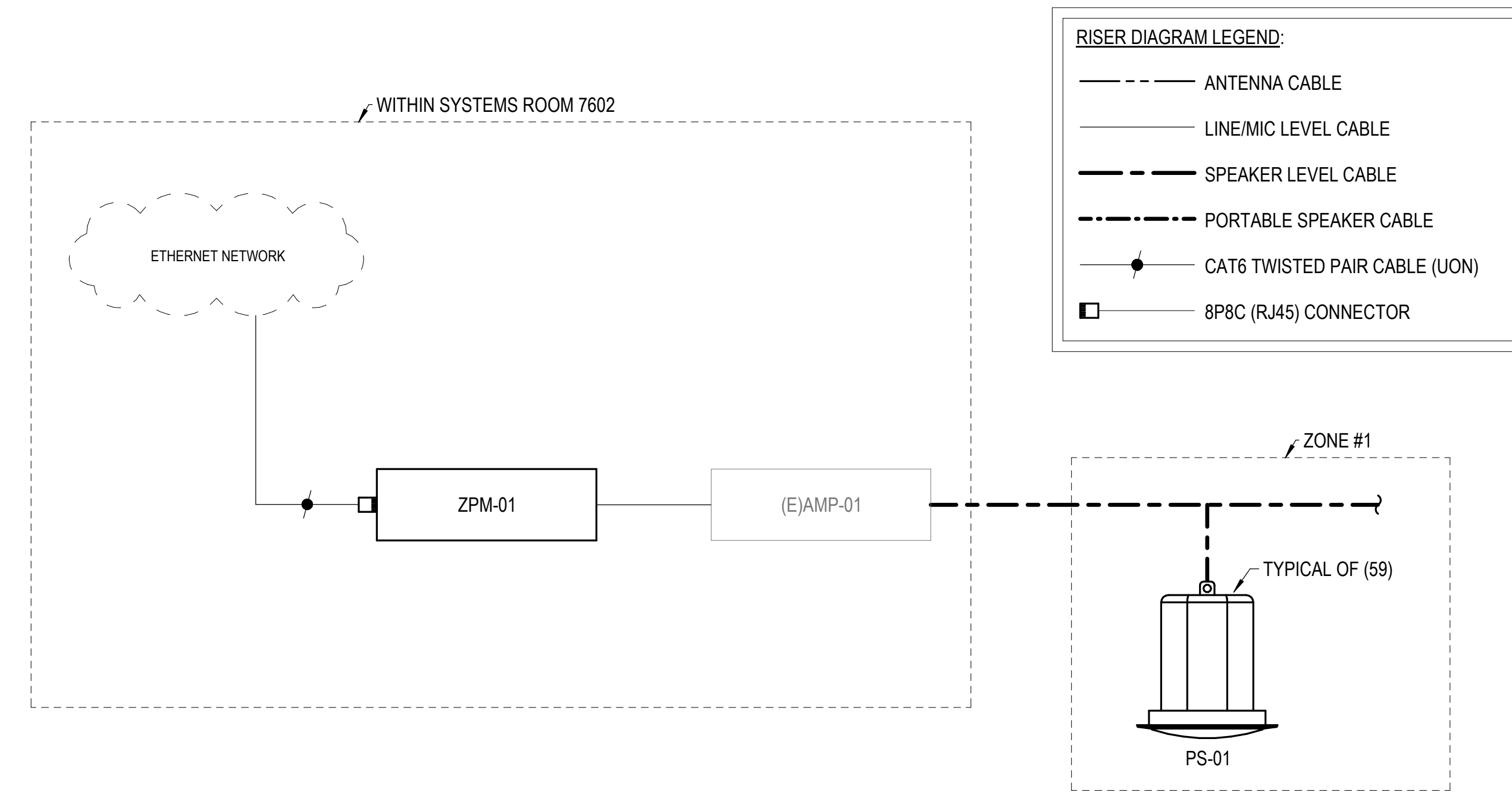


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PUBLIC ADDRESS EQUIPMENT SCHEDULE

1. PROVIDE MULTI-ZONED PA HEADEND SYSTEM WITH VoIP INTERFACE MODULE (EQUAL TO BOGEN #PCM2000).

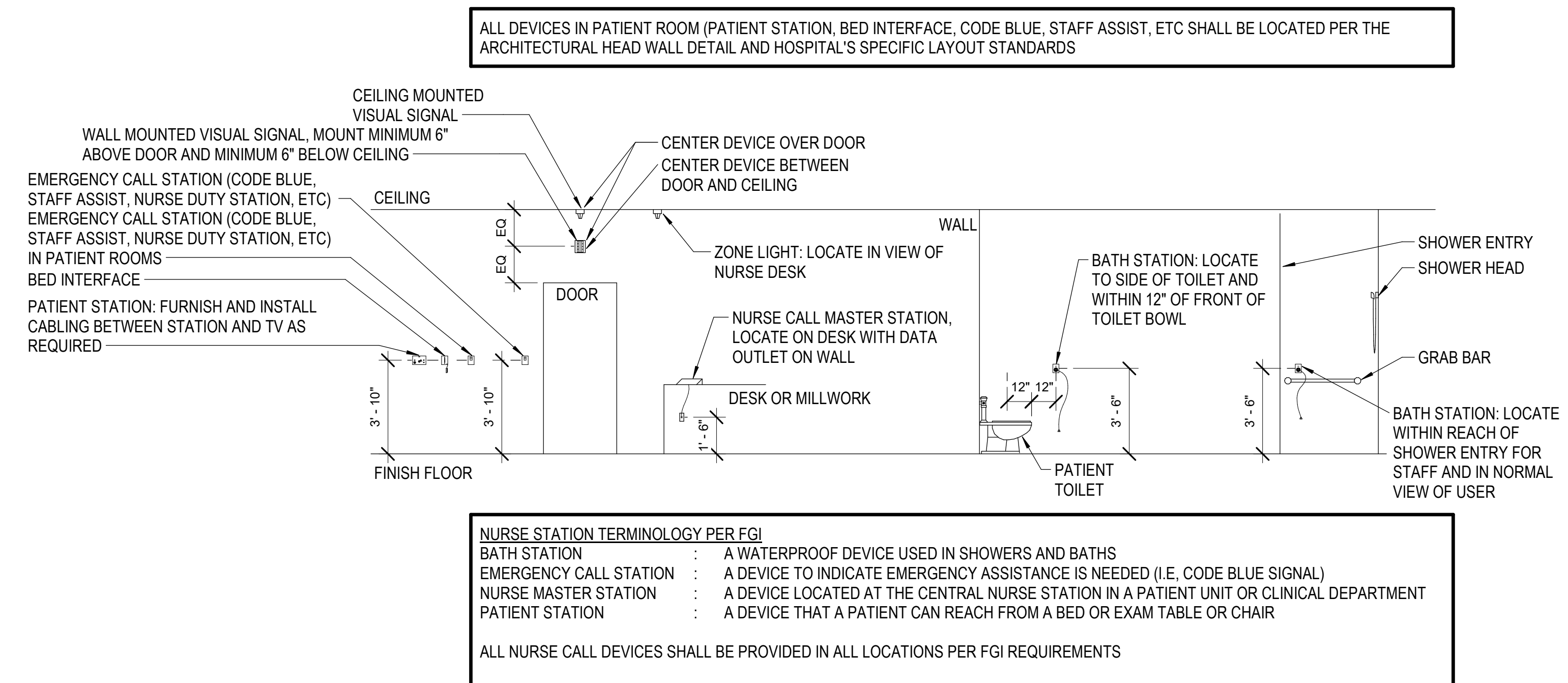
TAG	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
(E)AMP-01	EXISTING 70-VOLT SPEAKER AMPLIFIER	BOGEN	GS	
PS-01	8"Ø IN-CEILING RECESSED 70-VOLT MOISTURE-RESISTANT SPEAKER	ATLAS IED	DD87W-HC	
ZPM-01	ZONED PAGING MODULE			SEE NOTE 1.



2 PUBLIC ADDRESS RISER DIAGRAM
NO SCALE

NURSE CALL SCHEDULE

TYPE	AUDIO	AUXILIARY JACK	CODE BLUE	PILLOW SPEAKER	PULL CORD	STAFF ASSIST	STAFF EMERGENCY	TOUCH SCREEN	COMMENTS
P2	X	X	X	X		X	X		
S2			X				X		



3 NURSE CALL MOUNTING DETAIL
NTS

Architect Logo

No.	Date	Description

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Step & Rev:

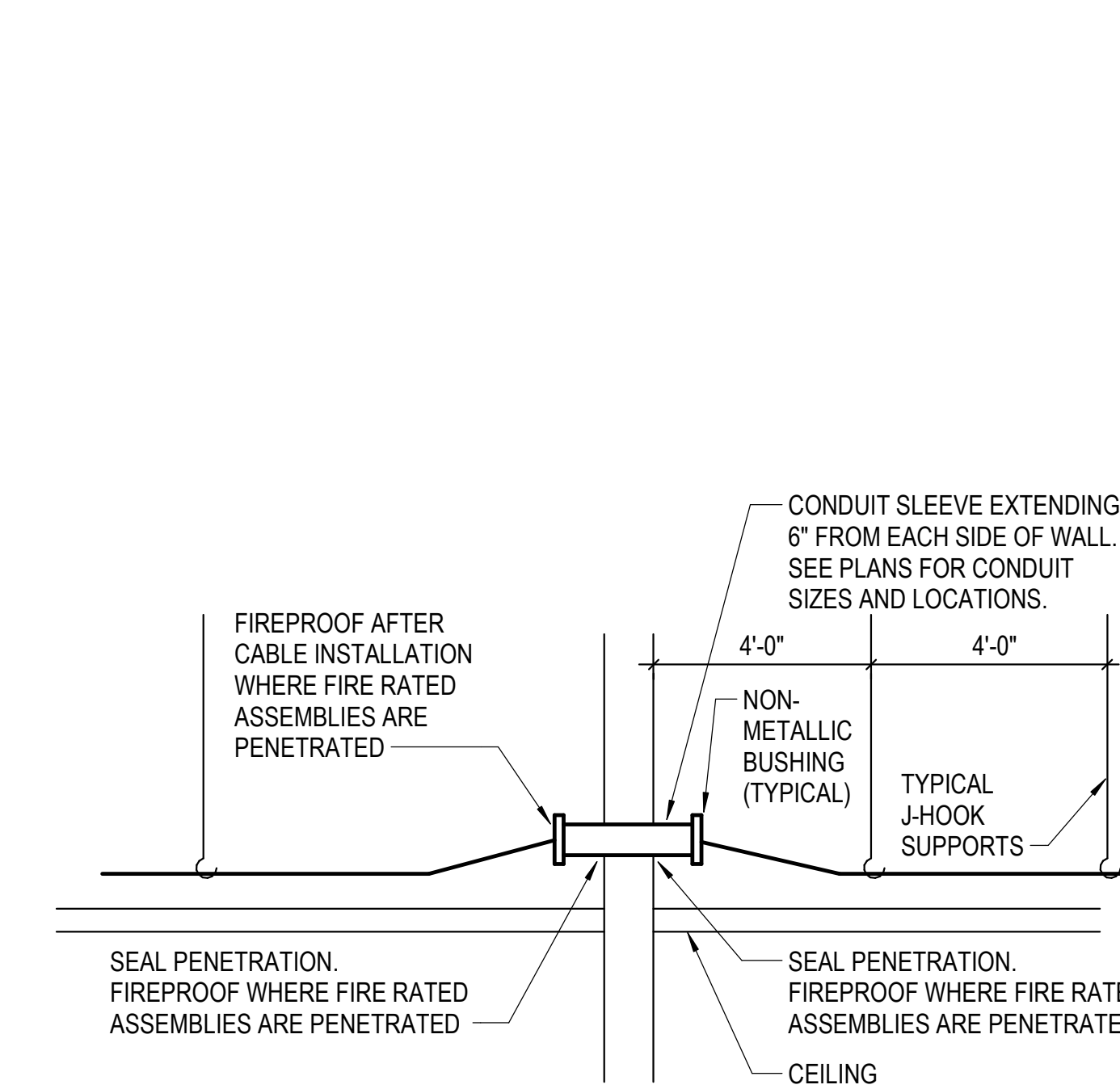
Building No.: 1388
Mercy Project No.: 2040-821203
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ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

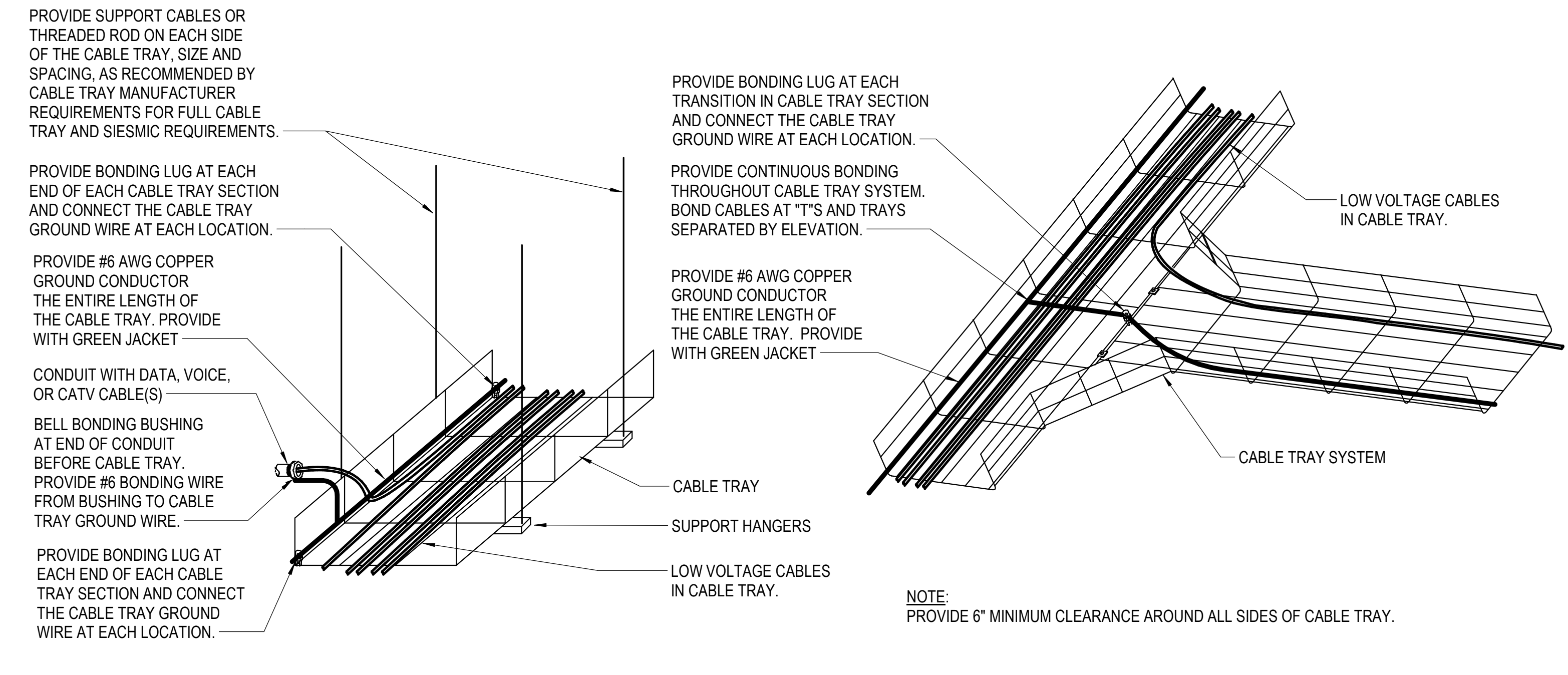
COMMUNICATIONS DETAILS

7TH FLOOR
T5.1

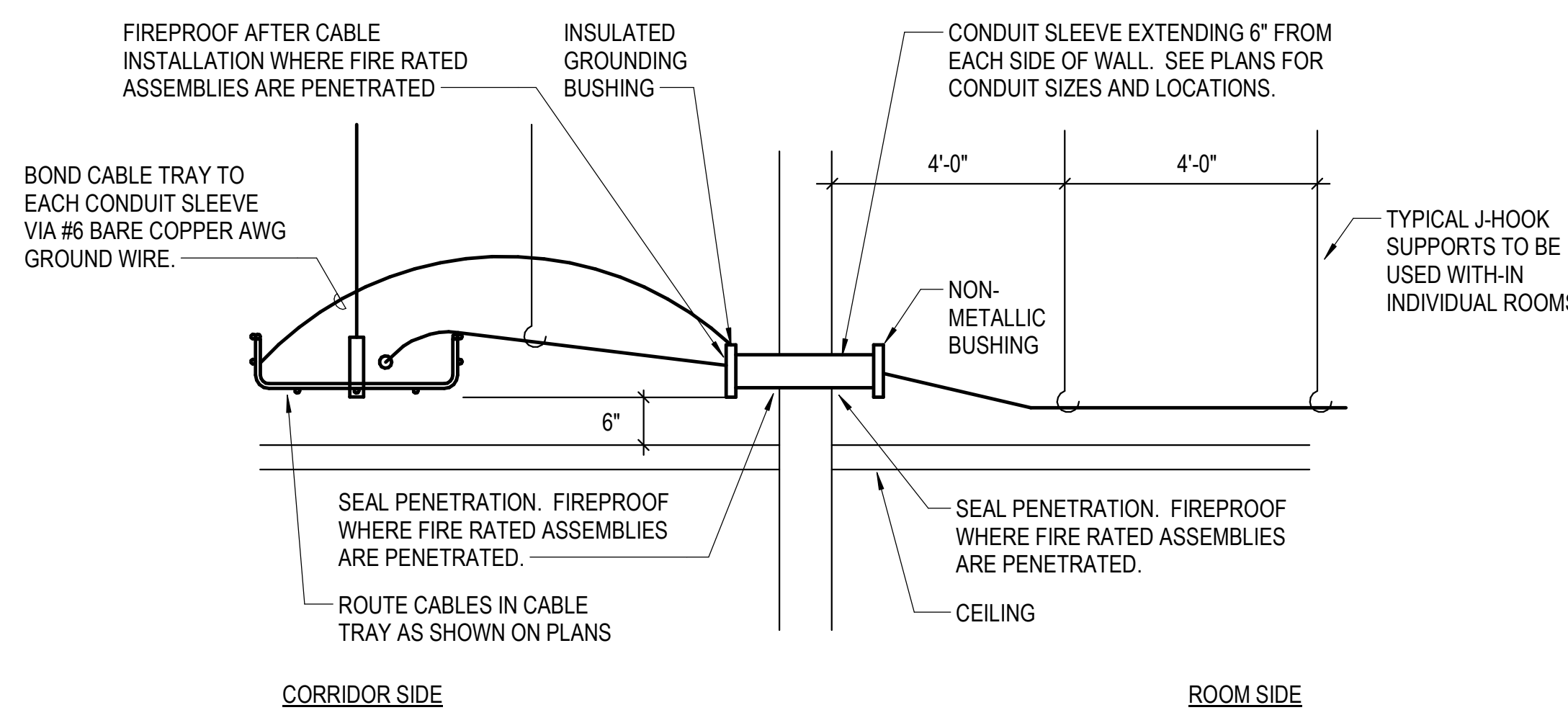
HORIZONTAL CABLE SCHEDULE				
SYSTEM	CABLE		JACK COLOR	REMARKS
	TYPE	COLOR		
DATA	CAT-6	BLUE	BLUE	
NURSE CALL	CAT-6	NEON GREEN	NEON GREEN	
PATIENT MONITORING	CAT-6	ORANGE	ORANGE	
RTLS	CAT-6	NEON GREEN	NEON GREEN	
SECURITY	CAT-6A	WHITE	WHITE	
WIRELESS AP	CAT-6A	WHITE	WHITE	



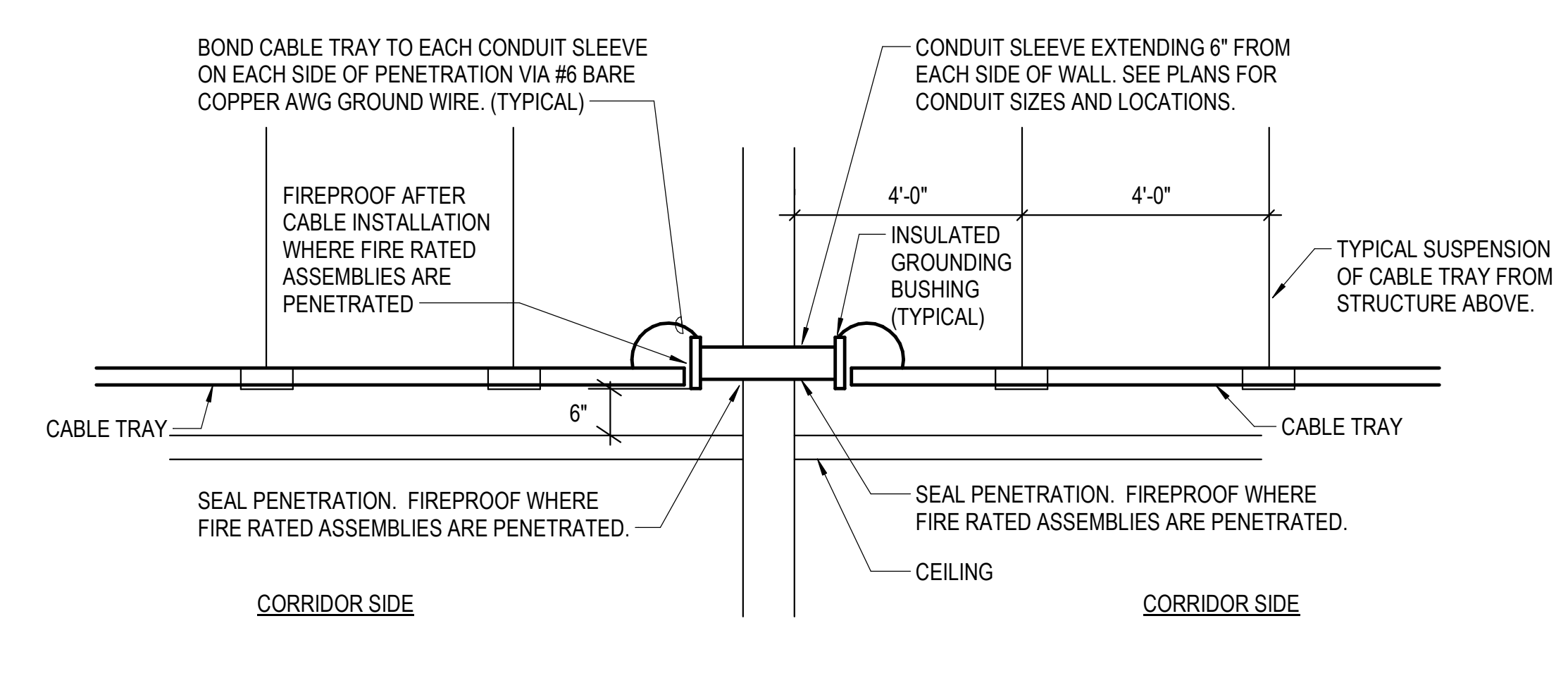
6 WALL PENETRATION DETAIL - J-HOOKS
NTS



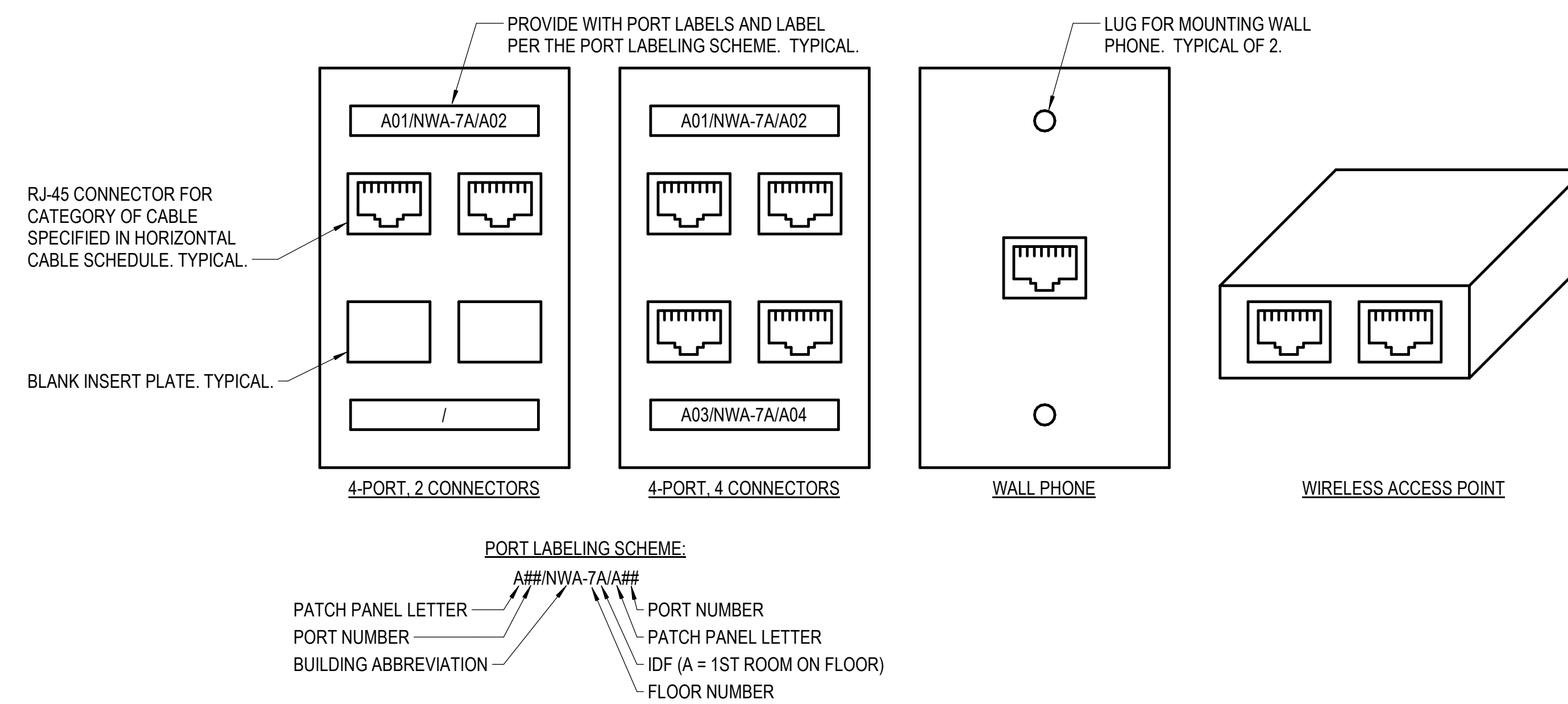
3 TYPICAL CABLE TRAY MOUNTING AND BONDING DETAIL
NTS



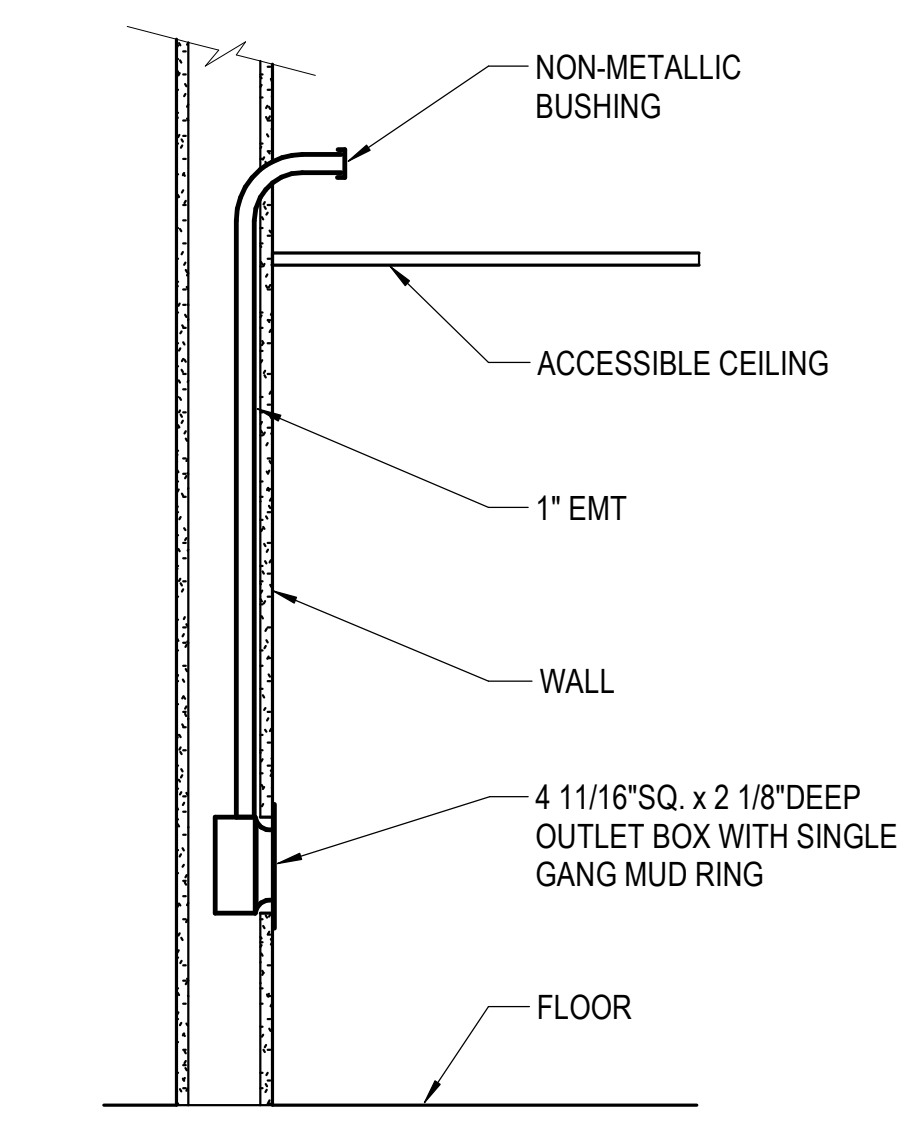
5 WALL PENETRATION DETAIL - J-HOOKS TO CABLE TRAY
NTS



2 WALL PENETRATION DETAIL - CABLE TRAY TO CABLE TRAY
NTS



4 TYPICAL FACEPLATE DETAILS
NTS



1 TYPICAL TELECOM OUTLET MOUNTING DETAIL
NTS

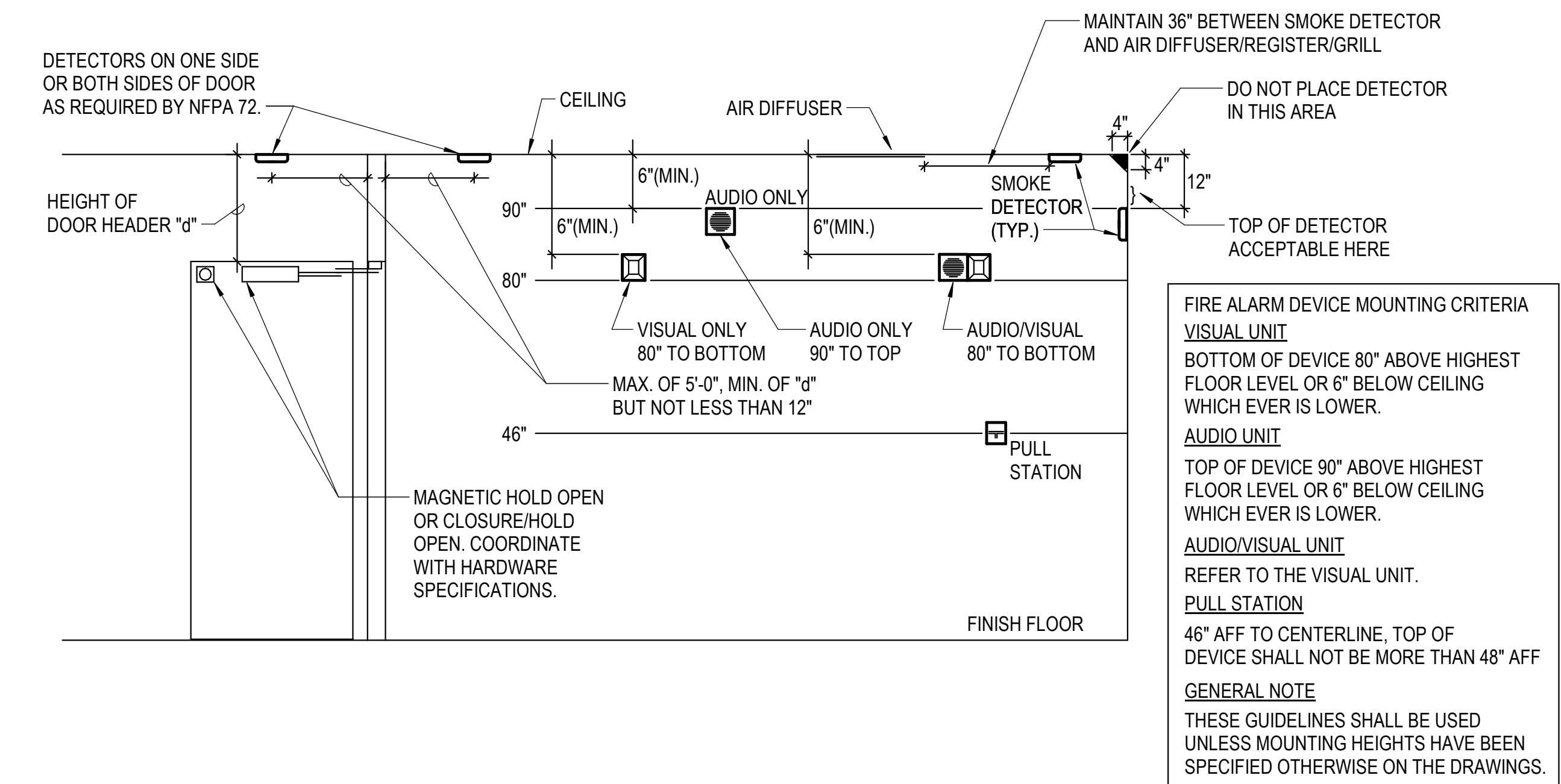
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Mercy Project No.: 2040-821203
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MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
DATA NETWORK DETAILS

CAMERA SCHEDULE						
TAG	DESCRIPTION	BASIS OF DESIGN		RESOLUTION	MOUNTING	REMARKS
		MANUFACTURER	MODEL			
CAM-1	INDOOR/OUTDOOR DUAL-SENSOR FIXED DOME	AXIS	P4705-PLVE	2 x 2MP	WALL-SURFACE	MOUNT AT 8'-6" AFF UON.
CAM-2	INDOOR/OUTDOOR QUAD-SENSOR FIXED DOME	AXIS	P3735-PL	4 x 2MP	CEILING-RECESSED	

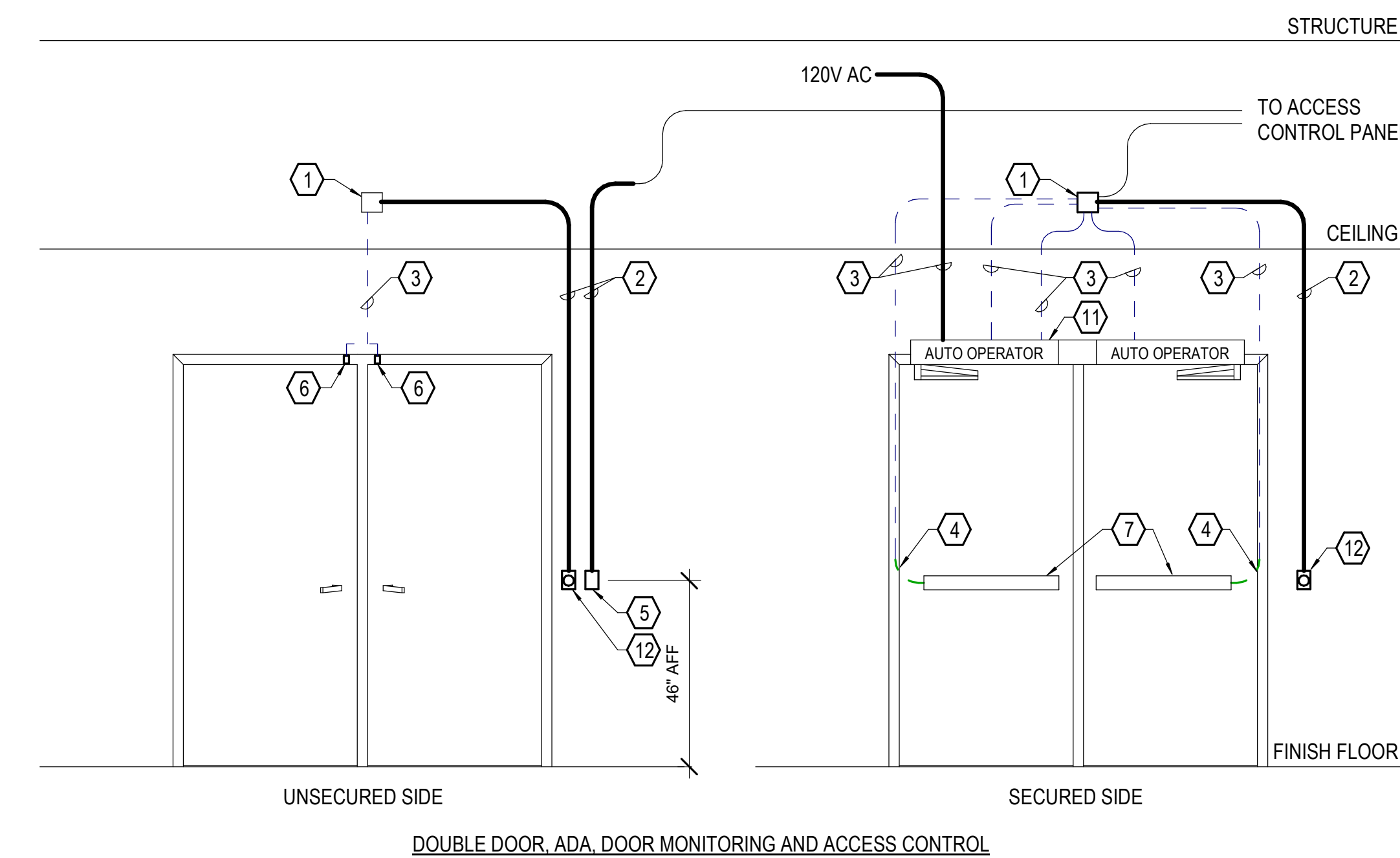
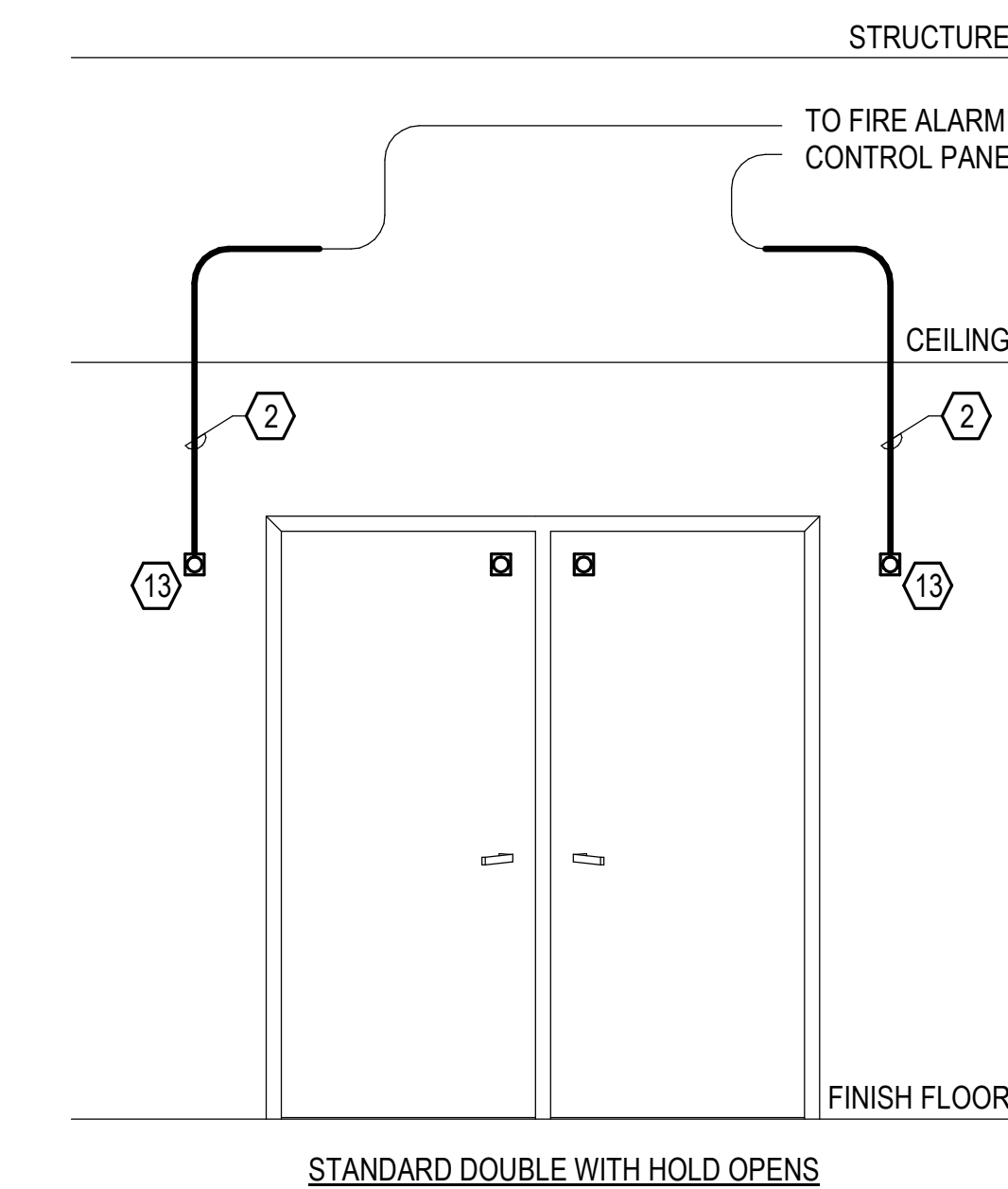
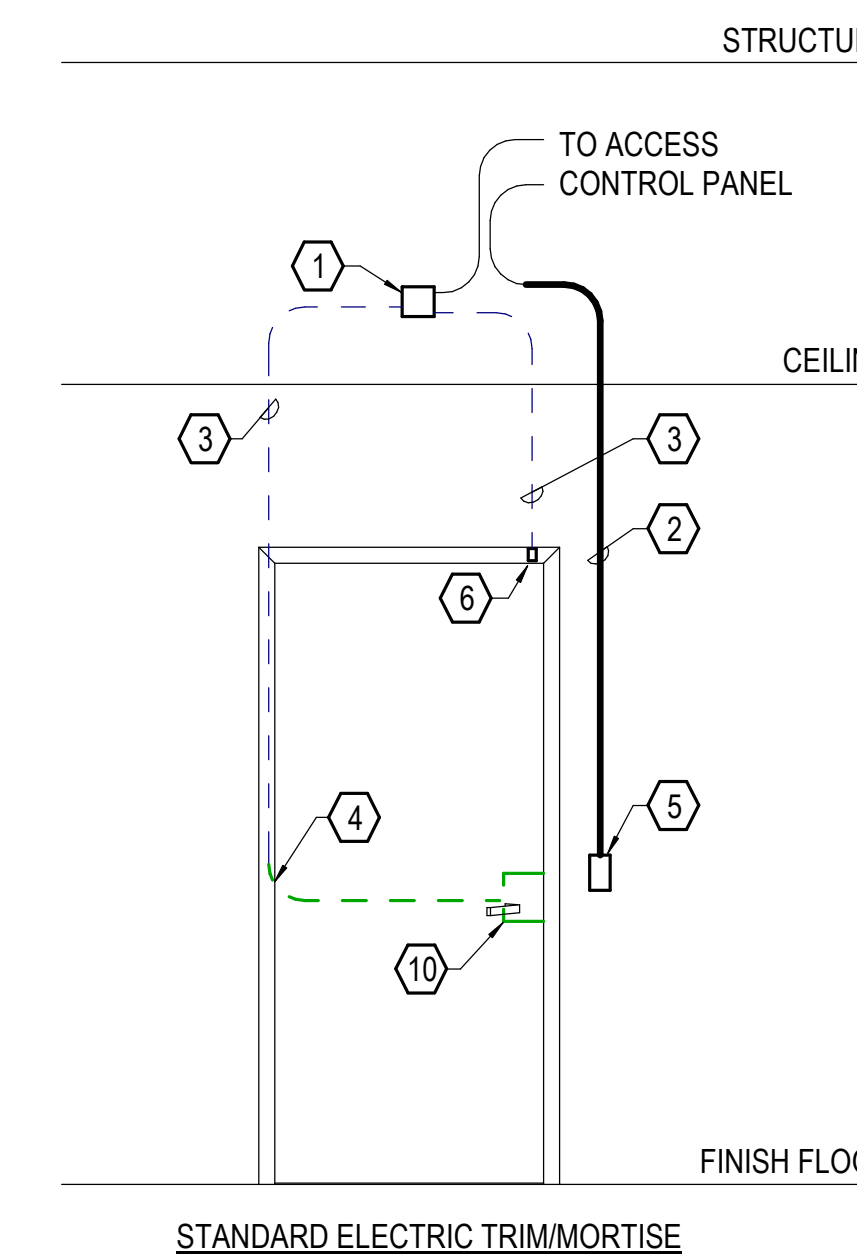
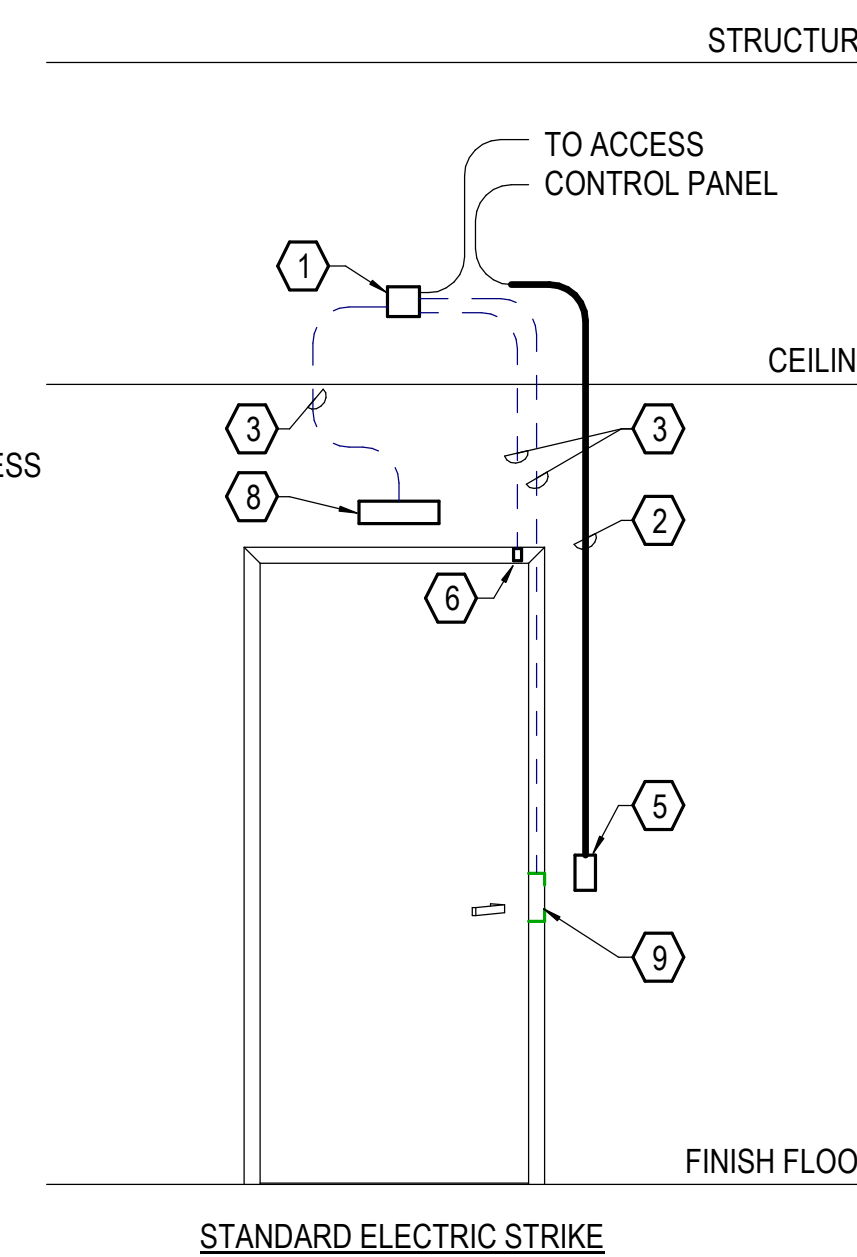


2 FIRE ALARM DEVICE MOUNTING DETAIL NTS

ACCESS CONTROL/DOOR HARDWARE RESPONSIBILITY MATRIX					
COMPONENTS	DOOR HARDWARE CONTRACTOR (DHC)	DOOR ACCESS (SECURITY) CONTRACTOR (DAC)	ELECTRICAL CONTRACTOR (EC)	OTHER	COMMENTS
DOOR HARDWARE					
ELECTRIFIED HARDWARE (INCLUDING BUT NOT LIMITED TO): LOCKSETS, STRIKES, PANIC BARS AND INTEGRATED PROXIMITY READER/MAGSTRIP LOCKSET	PROVIDE AND INSTALL HARDWARE		PROVIDE CONDUIT AND BOX ROUGH-IN AND PULL STRING		
NON-ELECTRIFIED HARDWARE (INCLUDING BUT NOT LIMITED TO): LOCKSETS, CYLINDERS, HINGES, KICKPLATES, SEALS, WALL STOPS, GASKETS, CLOSERS AND PUSHPLATES	PROVIDE AND INSTALL HARDWARE				
POWER SUPPLIES (FOR DOOR HARDWARE LISTED ABOVE)	PROVIDE POWER SUPPLIES AND CONNECT TO ASSOCIATED DOOR HARDWARE		CONNECT 120V TO POWER SUPPLIES		
ADA OPERATORS	PROVIDE OPERATOR	COORDINATE WITH EC AND AUTO OPERATOR INSTALLER FOR LOCATIONS HAVING BOTH AUTO DOOR OPERATORS AND ACCESS CONTROL	PROVIDE FINAL POWER CONNECTION. PROVIDE ALL CONDUIT PATHWAYS AS REQUIRED.	INSTALLED BY CERTIFIED AUTO OPERATOR INSTALLER	
DOOR ACCESS					
HEAD END SERVERS, ENCLOSURES, CONTROLLERS, CARD READERS, INPUT/OUTPUT BOARDS		PROVIDE AND INSTALL HARDWARE	PROVIDE CONDUIT AND BOX ROUGH-IN AND PULL STRING		
POWER SUPPLIES (FOR DOOR HARDWARE LISTED ABOVE)		PROVIDE POWER SUPPLIES AND CONNECT TO ASSOCIATED ACCESS CONTROL HARDWARE	CONNECT 120V TO POWER SUPPLIES		
POWER OVER ETHERNET NETWORK SWITCH				PROVIDED BY OWNER	
CABLING AND TERMINATION (FOR ACCESS CONTROL HARDWARE LISTED ABOVE)		PROVIDE, INSTALL AND TERMINATE CABLING			
INTEGRATION OF AUXILIARY INPUTS AND OUTSIDE SYSTEMS INCLUDING, BUT NOT LIMITED TO, VIDEO SURVEILLANCE, AUXILIARY LOCKDOWN OR DOOR RELEASE BUTTONS, FIRE ALARM, BURGLAR SYSTEMS, ETC.		PROVIDE AND INSTALL			
COORDINATION					
	COORDINATE ALL INTEGRATED ACCESS CONTROL DEVICES SUCH AS INTEGRATED PROXIMITY READERS WITH THE DAC FOR COMPATIBILITY, OPERATION, AND SEAMLESS INTEGRATION	COORDINATE SOFTWARE PROGRAMMING WITH OWNER. COORDINATE FIRE ALARM RELAY NEEDS WITH FIRE ALARM CONTRACTOR	COORDINATE WITH INSTALLING CONTRACTORS FOR THE ACCESS CONTROL SYSTEM, AUTOMATIC DOOR OPERATORS AND DOOR HARDWARE PROVIDERS FOR SPECIFIC NEEDS.		

- ACCESS CONTROL GENERAL NOTES:**
- ACCESS CONTROL DETAILS ARE SHOWN ACCEPTABLE INSTALLATION AND ROUGH-IN PRACTICES FOR THE ELECTRICAL CONTRACTOR. ALL SPECIFIC AND INDIVIDUAL DOOR OPENINGS ARE NOT SHOWN AND WILL NEED TO BE COORDINATED WITH FINAL ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS.
 - COORDINATE ALL FIRE ALARM DOOR RELEASE CONNECTIONS WITH THE INSTALLING FIRE ALARM SYSTEM CONTRACTOR.
 - COORDINATE EXACT LOCATIONS OF PUSH BUTTONS, CARD READERS, AND DURESS BUTTONS WITH OWNER/ARCHITECT AT TIME OF INSTALLATION. VERIFY WITH ARCHITECTURAL ELEVATIONS AND SPECIFICATIONS.
 - POWER SUPPLIES FOR HARDWARE PROVIDED BY HARDWARE CONTRACTOR. POWER SUPPLIES FOR ACCESS CONTROL SYSTEM PROVIDED BY ACCESS CONTROL CONTRACTOR.

- ACCESS CONTROL REFERENCED NOTES:**
- 4 SQ JUNCTION BOX - PROVIDED BY ELECTRICAL CONTRACTOR IN ACCESSIBLE CEILING SPACE ON SECURE SIDE OF DOOR.
 - 3/4" CONDUIT RACEWAY WITH PULL STRING AND NON-METALLIC BUSHING - PROVIDED BY ELECTRICAL CONTRACTOR.
 - 1/2" CONDUIT RACEWAY WITH PULL STRING AND NON-METALLIC BUSHING - PROVIDED BY ELECTRICAL CONTRACTOR.
 - POWER TRANSFER HINGE - PROVIDED BY DOOR HARDWARE CONTRACTOR. COORDINATE WITH DOOR HARDWARE CONTRACTOR ON FINAL LOCK CONNECTIONS WITH ACCESS CONTROL SYSTEM BEING PROVIDED.
 - CARD READER - PROVIDED AND INSTALLED BY SECURITY CONTRACTOR.
 - DOOR POSITION SWITCH - PROVIDED BY DOOR HARDWARE CONTRACTOR. MONITORED BY ACCESS CONTROL SYSTEM.
 - ELECTRIFIED EXIT LOCK HARDWARE - PROVIDED BY DOOR HARDWARE CONTRACTOR.
 - MOTION REQUEST TO EXIT - PROVIDED BY SECURITY CONTRACTOR.
 - ELECTRIFIED STRIKE - PROVIDED BY DOOR HARDWARE CONTRACTOR.
 - MORTISE LOCK - PROVIDED BY DOOR HARDWARE CONTRACTOR.
 - DOOR AUTO OPERATOR - PROVIDED BY DOOR HARDWARE CONTRACTOR.
 - ADA ACTUATOR - PROVIDED BY DOOR HARDWARE CONTRACTOR.
 - FIRE ALARM ELECTRIFIED MAGNETIC DOOR HOLD - PROVIDED BY DOOR HARDWARE CONTRACTOR. INSTALLED BY THE ELECTRICAL CONTRACTOR.



1 ACCESS CONTROL ROUGH-IN DETAILS NTS

Architect Logo

No.	Date	Description

PROGRESS DRAWING
1/7/2025 12:43:11 PM
NOT FOR CONSTRUCTION

Step & Rev: _____
Date: 01/07/2025
Scale: As indicated

MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

Mercy Project No.: 2040-821203

Mercy

PROFESSIONAL ENGINEERING CONSULTANTS P.A.
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PEC PROJECT NUMBER: 240179400 AR.C.O.A. #542 PEELS EXPIRES: DECEMBER 31, 2026

Sheet No: **T5.3**