

MERCY NWA HOSPITAL

ROGERS 7TH FLOOR ICU

2710 RIFE MEDICAL LANE,
ROGERS, AR 72758

100% DESIGN DEVELOPMENT

GENERAL NOTES

- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REUSED OR REPRODUCED IN ANY MANNER WITHOUT EXPRESSED WRITTEN CONSENT.
- THE GENERAL CONTRACTOR SHALL INVESTIGATE ALL FIELD CONDITIONS RELEVANT TO THE PROJECT INCLUDING BUT NOT LIMITED TO DIMENSIONS, ELEVATIONS, GENERAL CONDITIONS, PROPERTY LINES, EASEMENTS, AND OTHER MISCELLANEOUS EXISTING CONDITIONS AND SHALL PROMPTLY NOTIFY THE ARCHITECT TO ANY WHICH DO NOT AGREE WITH THOSE SHOWN ON THE DRAWINGS.
- THE GENERAL CONTRACTOR SHALL ALSO VERIFY THE COORDINATION OF DIMENSIONS AND THE LOCATION OF THE VARIOUS TRADE WORK, SUBCONTRACTORS AND SEPARATE CONTRACTS AND REPORT ANY CONFLICTS TO THE ARCHITECT IMMEDIATELY.
- ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD OR CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED.
- REPAIR DAMAGE TO EXISTING BUILDINGS, CEILING, PAVING, WALKS AND PLANTING AREAS INCURRED DURING CONSTRUCTION. PATCH ALL FLOOR AREAS, WALLS, AND CEILINGS ALTERED DURING CONSTRUCTION AS REQUIRED TO MATCH EXISTING WHERE OR NOT INDICATED BY THE DRAWINGS.
- ALL WORK SHALL BE COMPLETED AS PER THE FOLLOWING CODES: SEE LIFE SAFETY PLAN SHEET LS-01.

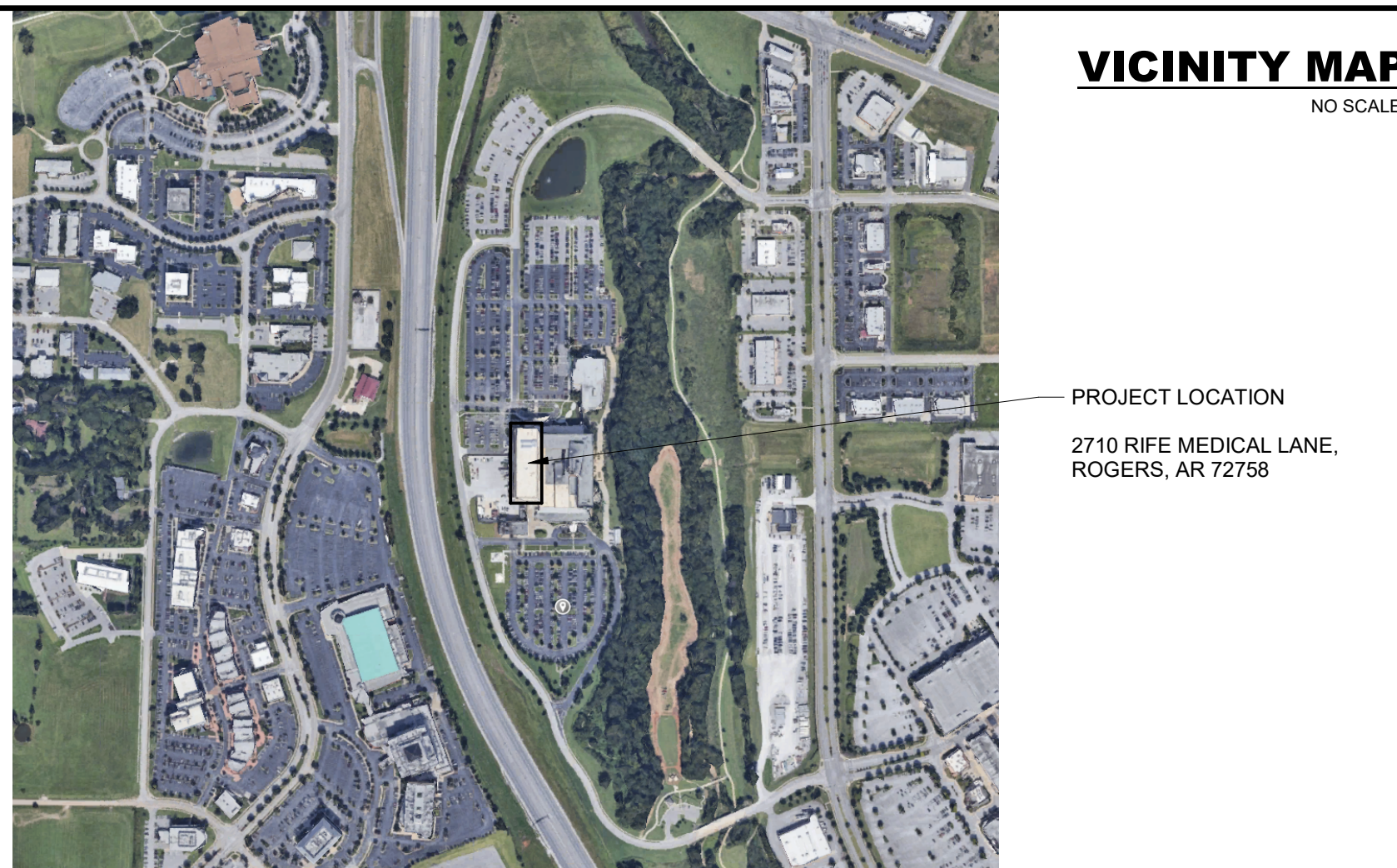
MATERIAL SYMBOLS

- EARTH
- GRANULAR FILL
- CONCRETE
- CONCRETE MASONRY
- FACE BRICK
- LVC FILL
- CUT STONE
- STEEL
- CONT WD FRAMING
- WOOD BLOCKING
- FINISH WOOD
- PLYWOOD
- RIGID OR TAPERED INSULATION, EIFS
- BATT INSULATION
- GLASS
- ASPHALT
- GYPSUM BOARD

DRAWING SYMBOLS

NEW ELEVATION	BUILDING SECTION	ROOM NAME & NUMBER
EXISTING ELEVATION	WALL SECTION	ALTERNATE TAG
NEW CONTOUR	DETAIL DRAWING	PARTITION SYMBOL
ELEVATION DATUM (SECTIONS, ELEVATIONS ONLY)	BUILDING ELEVATION	REVISION TAG
TEST BORING (SITE PLANS ONLY)	INTERIOR ELEVATION	COLUMN LINE GRID
PROPERTY LINE	PLAN NOTES	DEMOLITION PLAN NOTES
MATCHLINE	WINDOW ID TAG	SITE PLAN NOTES
PRECAST CONCRETE WALL PANEL TAG	DOOR NUMBER	EQUIPMENT NUMBER
		PAINT COLOR TAG

VICINITY MAP



ABBREVIATIONS

AC	air conditioning	CONC	concrete	FF	finish floor	JAN	janitor	PL	plate/plastic/ property line	STD	standard
AB	anchor bolt	CONF	conference	FG	finish grade	JT	joint	PLBG	plumbing	STL	steel
ACC	acoustical	CONST	construction	FIN	finish	JST	joist	PLYWD	plywood	STOR	storage
ACCU	air cooled conditioning unit	CONT	continuous	FL	flow line	LAM	laminated	PR	pair	STRUC	structural
ADJ	adjustable	CORR	corridor	FLDG	folding	LAV	lavatory	PREFIN	prefinished	SUSP	suspended
AFF	above finish floor	CPT	carpet	FLR	floor	LDR	ladder	PRC(D)	project/projected	T	tread
AL	alternate	CRS	course	FLR	fluorescent	LJF	linear foot	PT	pressure treated	T&S	tongue & groove
ALUM	aluminum	CT	ceramic tile	FRP	fiberglass reinforced plastic	LFCN	linear foot	PTD	pressure treated	TB	tile
ANOD	anodized	DBL	double	FRT	fire retardant	LVC	low volume change	QT	quarry tile	TEL	telephone
APPROX	approximate	DF	drinking fountain	FS	foot scraper	MAS	masonry	R	riser	TLT	top of curb
ARCH	architectural	DIA	diameter	FTC	foot	MATL	material	RAD(R)	radius	TOC	top of curb
@	at	DIM	dimension	FTG	furring	MAX	maximum	RAG	return air grille	TPH	top of head
BD	board	DN	down	FJRR	furnace	MECH	mechanical	RD	roof drain	TV	television
BLDG	building	DR	door	FJRN	feed verify	MEMB	membrane	REF	reference	TW	top of wall
BLK	block/blocking	DS	downspout	FV	feed verify	MANUF	manufacturer	REFRIG	refrigerator	TYP	typical
BM	beam	DTL	detail	GA	gas	MH	manhole	REIN	reinforcing	UCL	under cabinet light
BMRK	benchmark	DWG	drawing	GALV	galvanized	MIN	minimum	RECD	required	UNO	unless noted otherwise
BSC	back of curb	E	east	GRD	grab bar	MIRR	mirror	RESIL	resilient	VCT	vinyl composition tile
BRG	bearing	EA	each	GC	general contractor	MO	miscellaneous	RM	room	VERT	vertical
BRK	brick	EC	electrical contractor	GL	glass/glazing	MTL	metal	RO	rough opening	VEST	vestibule
BRZ	bronze	EG	existing grade	GRD	grade	MULL	mullion	ROW	right of way	VIF	vent in field
BS	both sides	EIFS	exterior insulation finish system	GYP	gypsum	NA	not applicable	RVS	rigid vinyl sheet	VWC	vinyl wall covering
BTM	bottom	EJ	expansion joint	HB	hose bib	NTS	not to scale	S	south	W	west
BUR	built-up roof	ELEC	electrical	HDWR	hardware	NIC	not in contract	SAN	sanitary	WI	with
BTM	bottom of wall	ELEV	elevation/elevator	HM	hollow metal	NOV	not over	SAT	suspended acoustical tile	WO	with out
CAB	cabinet	EQUIP	equipment	HT	horizontal	NOM	nominal	SB	split block section	WC	water closet
CB	chalkboard	ETR	existing to remain	HPDL	high pressure decorative laminate	OA	overall	SECT	square feet	WD	wood
CC	center to center	EV	each way	HT	height	OC	on center	SF	square feet	WINDW	window
CC	center to center	EXP	existing	HT	height	OFF	office	SHT	shower	WH	water heater
CJ	control joint	EXP	exposed	HT	height	OPNG	opening	SHWR	shower	WNSCT	waterproofing, waterproof
CL	construction joint	EPDM	ethylene propylene diene terpolymer	HT	height	OVHD	overhead	SIM	similar	WP	waterproofing, waterproof
CLG	ceiling	EXT	exterior	HW	hot water	PART	partition	SND	studied rubber tile	WWF	welded wire fabric
CLO	closet	FD	floor drain	ID	inside diameter	PLAS	plaster	SPECS	specifications	YD	yard
CLR	clearance	FDN	foundation	IN	inch			SQ	square		
CMU	concrete masonry unit	FE	fire extinguisher	INT	interior			SRT	studied rubber tile		
COL	column	FEC	fire extinguisher cabinet	INT	interior			SS	stainless steel		

SHEET INDEX

GENERAL	TITLE SHEET
ACC.1	ADA ACCESSIBILITY STANDARDS
ACC.2	ADA ACCESSIBILITY STANDARDS
LS-01	7TH FLOOR LIFE SAFETY PLAN
ARCHITECTURAL	
D1.1	7TH FLOOR OVERALL DEMO PLAN
D1.1A	7TH FLOOR PLAN - DEMO - AREA A
D1.1B	7TH FLOOR PLAN - DEMO - AREA B
D1.2	7TH FLOOR OVERALL DEMO REFLECTED CEILING PLAN
D1.2A	7TH FLOOR REFLECTED CEILING PLAN - DEMO - AREA A
D1.2B	7TH FLOOR REFLECTED CEILING PLAN - DEMO - AREA B
A0.1	GENERAL PARTITION TYPES
A1.1	7TH FLOOR OVERALL FLOOR PLAN - DIMENSIONS
A1.1A	7TH FLOOR PLAN - DIMENSIONS - AREA A
A1.1B	7TH FLOOR PLAN - DIMENSIONS - AREA B
A1.2	7TH FLOOR OVERALL FLOOR PLAN - ANNOTATIONS
A1.2A	7TH FLOOR PLAN - ANNOTATIONS - AREA A
A1.2B	7TH FLOOR PLAN - ANNOTATIONS - AREA B
A1.3	PLAN AND SECTION DETAILS
A6.1	DOOR & WINDOW INFORMATION
A7.1	INTERIOR ELEVATIONS
A9.1	7TH FLOOR OVERALL REFLECTED CEILING PLAN
A9.1A	7TH FLOOR REFLECTED CEILING PLAN - AREA A
A9.1B	7TH FLOOR REFLECTED CEILING PLAN - AREA B
A10.1A	7TH FLOOR FINISH & WALL PROTECTION PLAN - AREA A
A10.1B	7TH FLOOR FINISH & WALL PROTECTION PLAN - AREA B
A11.1A	7TH FLOOR EQUIPMENT PLAN - AREA A
A11.1B	7TH FLOOR EQUIPMENT PLAN - AREA B
A11.1C	7TH FLOOR ENLARGED EQUIPMENT PLANS
MECHANICAL	
MP0.1	MECHANICAL COVER SHEET
F1.1	7TH FLOOR FIRE PROTECTION PLAN - OVERALL
PD1.1	7TH FLOOR PLUMBING DEMO PLAN - OVERALL
PD1.1A	7TH FLOOR PLUMBING DEMO PLAN - AREA A
PD1.1B	7TH FLOOR PLUMBING DEMO PLAN - AREA B
P1.1	7TH FLOOR PLUMBING PLAN - OVERALL W&V
P1.1A	7TH FLOOR PLUMBING PLAN - AREA A - W&V
P1.1B	7TH FLOOR PLUMBING PLAN - AREA B W&V
P1.2	7TH FLOOR PLUMBING PLAN - OVERALL-DOM.WATER
P1.2A	7TH FLOOR PLUMBING PLAN - AREA A -DOM. WATER
P1.2B	7TH FLOOR PLUMBING PLAN - AREA B-DOM. WATER
P2.1	7TH FLOOR MEDICAL GAS PLAN - OVERALL
P2.1A	7TH FLOOR MEDICAL GAS PLAN - AREA A
P2.1B	7TH FLOOR MEDICAL GAS PLAN - AREA B
P4.1	7TH FLOOR PLUMBING PLANS - ENLARGED PAT. ROOMS
P5.1	PLUMBING DETAILS

SHEET INDEX

P6.1	PLUMBING SCHEDULES
MD1.1	7TH FLOOR MECHANICAL DEMO PLAN - OVERALL
MD1.1A	7TH FLOOR MECHANICAL DEMO PLAN - AREA A
MD1.1B	7TH FLOOR MECHANICAL DEMO PLAN - AREA B
M1.1	7TH FLOOR MECHANICAL ZONE PLAN - OVERALL
M1.1A	7TH FLOOR AIRFLOW DIAGRAM - AREA A
M1.1B	7TH FLOOR AIRFLOW DIAGRAM - AREA B
M2.1	7TH FLOOR MECHANICAL PLAN - OVERALL
M2.1A	7TH FLOOR MECHANICAL PLAN - AREA A
M2.1B	7TH FLOOR MECHANICAL PLAN - AREA B
M3.1	7TH FLOOR MECHANICAL PIPING PLAN - OVERALL
M3.1A	7TH FLOOR MECHANICAL PIPING PLAN - AREA A
M3.1B	7TH FLOOR MECHANICAL PIPING PLAN - AREA B
M4.1	7TH FLOOR MECHANICAL PLANS - ENLARGED PAT.ROOMS
M5.1	HVAC DETAILS
M6.1	MECHANICAL SCHEDULES
M6.2	MECHANICAL SCHEDULES
M7.1	CONTROL DETAILS
ELECTRICAL	
E-001	ELECTRICAL GENERAL NOTES AND SYMBOLS
E-107A	ELECTRICAL 7TH FLOOR DEMOLITION PLAN- AREA A
E-107B	ELECTRICAL 7TH FLOOR DEMOLITION PLAN- AREA B
E-207A	ELECTRICAL 7TH FLOOR POWER PLAN - AREA A
E-207B	ELECTRICAL 7TH FLOOR POWER PLAN - AREA B
E-217	7TH FLOOR POWER PLAN - MECHANICAL CONNECTIONS
E-307A	ELECTRICAL 7TH FLOOR LIGHTING PLAN - AREA A
E-307B	ELECTRICAL 7TH FLOOR LIGHTING PLAN - AREA B
E-501	ELECTRICAL ENLARGED PLANS
E-502	ELECTRICAL ENLARGED PLANS
E-601	ELECTRICAL DETAILS
E-701	ELECTRICAL PARTIAL ONE-LINE DIAGRAM
E-710	ELECTRICAL LIGHTING AND CONTROL SCHEDULES
E-711	ELECTRICAL PANEL SCHEDULES
E-712	ELECTRICAL PANEL SCHEDULES
E-713	ELECTRICAL PANEL SCHEDULES
TECHNOLOGY	
T0.1	TECHNOLOGY GENERAL NOTES AND SYMBOLS
T1.0	7TH FLOOR DISTRIBUTION AND ZONING PLANS
T1.1A	7TH FLOOR COMMUNICATIONS PLAN - AREA A
T1.1B	7TH FLOOR COMMUNICATIONS PLAN - AREA B
T1.2A	7TH FLOOR DATA NETWORK PLAN - AREA A
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

FOR MEDICAL FACILITIES ONLY

CS	central sterile	ER	emergency room
CT	computed tomography	ICU	intensive care unit
LDPR	laboratory	LTC	long term care
LIC	laboratory	WC	water closet
MRI	magnetic resonance imaging	WD	wood
MICU	medical intensive care unit	WINDW	window
CR	operating room	WH	water heater
MRI	magnetic resonance imaging	WNSCT	waterproofing, waterproof
OT	occupational therapy	WP	waterproofing, waterproof
PACU	post anesthetic care unit	WWF	welded wire fabric
PT	physical therapy		
RT	respiratory therapy		
SICU	surgical intensive care unit		

No.	Date	Desc.
1		
2		
3		
4		
5		
6		

PROGRESS DRAWING
11/17/2024 2:10:20 PM
NOT FOR CONSTRUCTION

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

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



Sheet No.: **TS**

REVISED DATE:

No.	Date	Desc.
1		
2		
3		
4		
5		
6		

PROGRESS DRAWING
11/15/2024 10:35:49 PM
NOT FOR CONSTRUCTION

DATE: 11/15/2024

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



ACC.1

SELECTED DETAILS FROM ADA/ABA ACCESSIBILITY STANDARDS

DETAILS ARE TAKEN FROM THE 2010/2015 STANDARDS

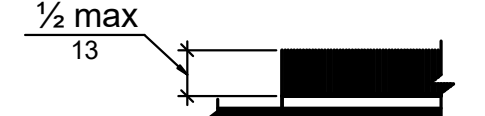
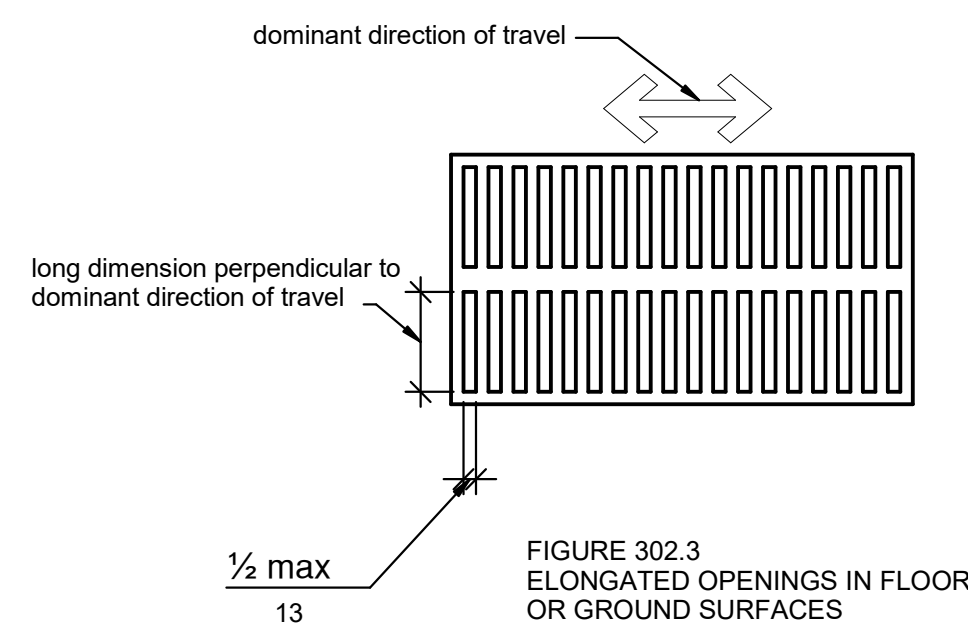


FIGURE 302.2 CARPET PILE HEIGHT

FIGURE 302.3 ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES

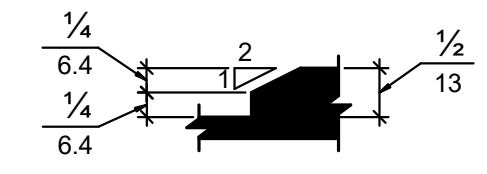


FIGURE 303.3 BEVELED CHANGE IN LEVEL AND THRESHOLDS

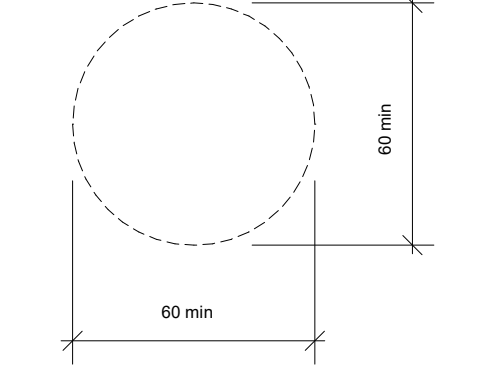


FIGURE 304.3.2 T-SHAPED TURNING SPACE

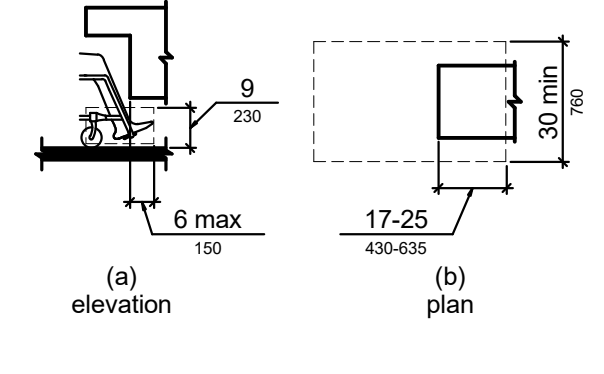


FIGURE 306.2 TOE CLEARANCE

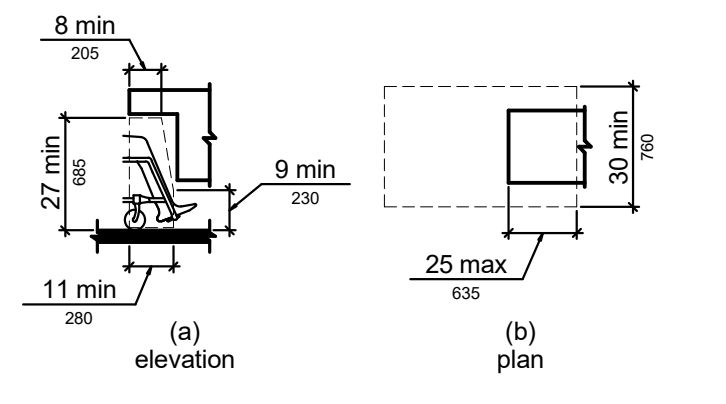


FIGURE 306.3 KNEE CLEARANCE

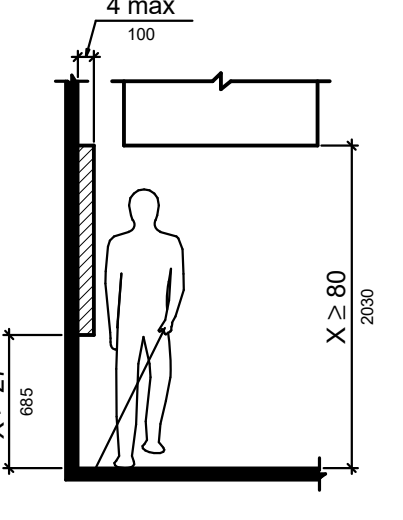


FIGURE 307.2 LIMITS OF PROTRUDING OBJECTS

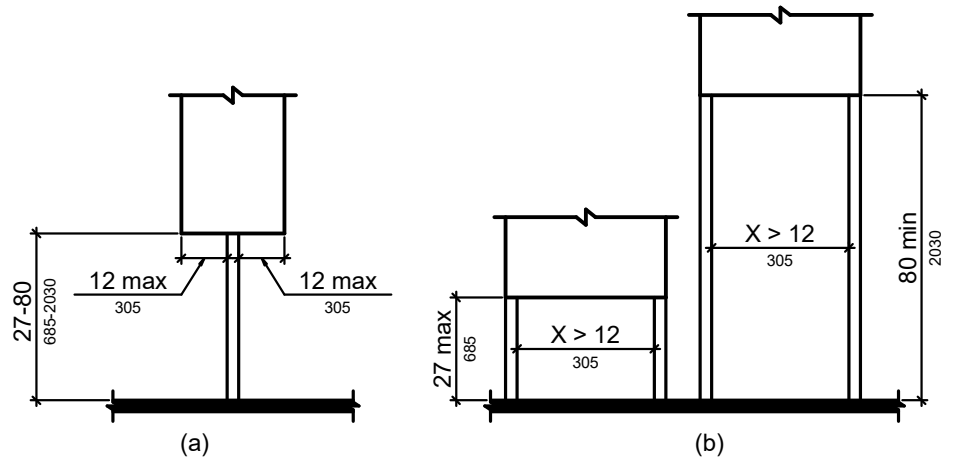


FIGURE 307.3 POST-MOUNTED PROTRUDING OBJECTS

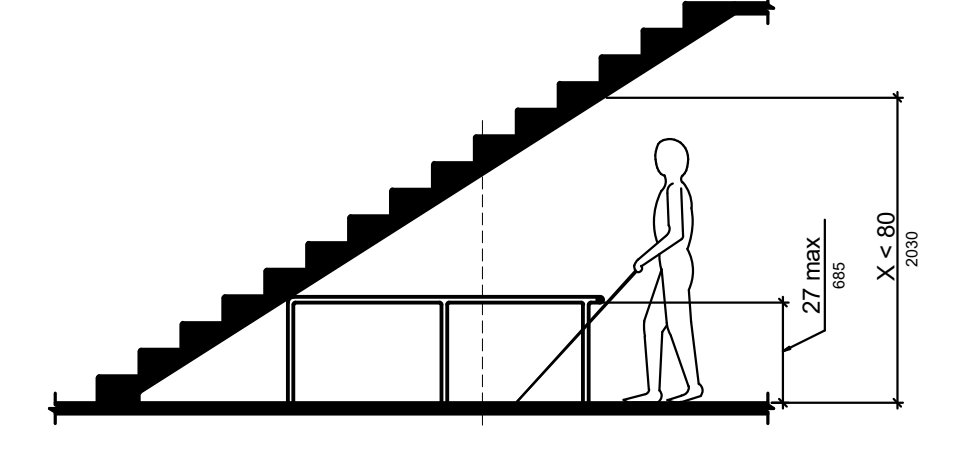


FIGURE 307.4 VERTICAL CLEARANCE

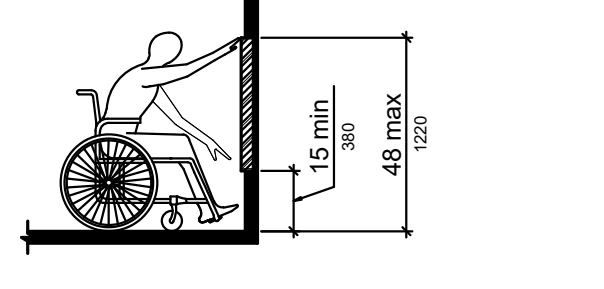


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH

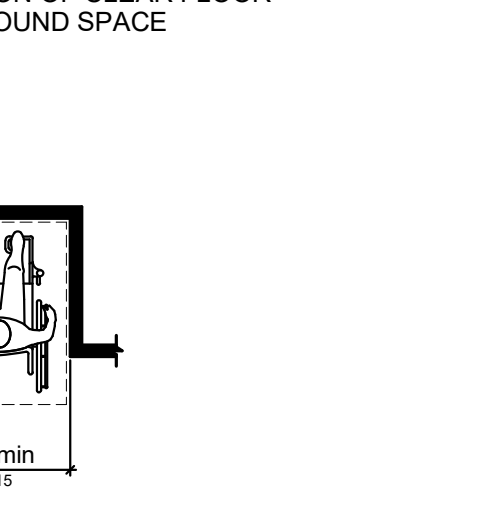
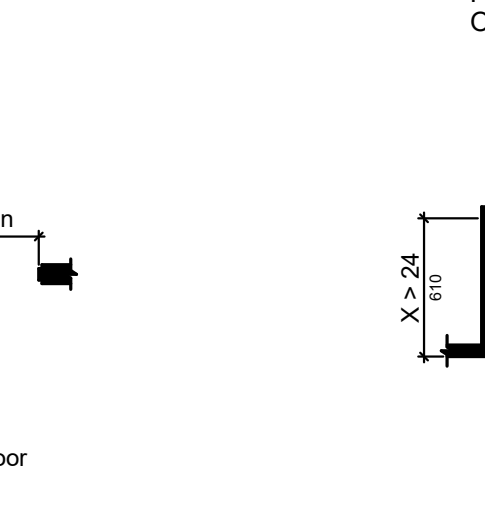
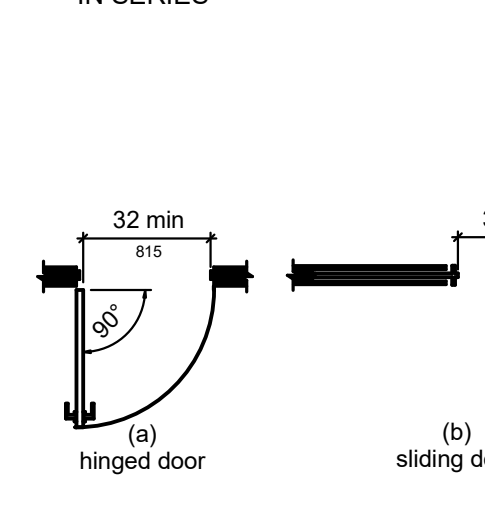
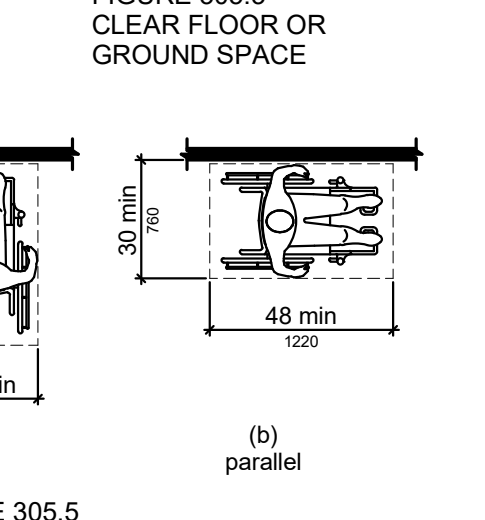
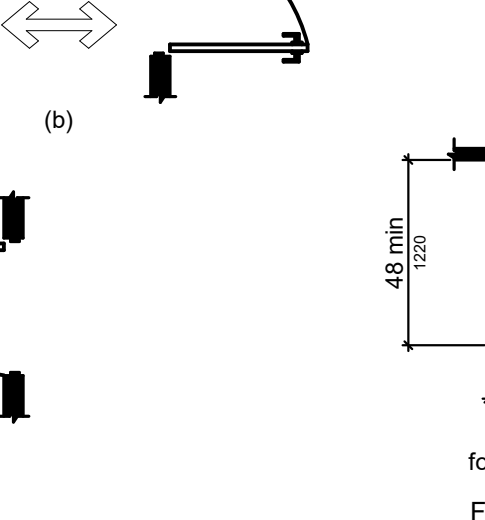
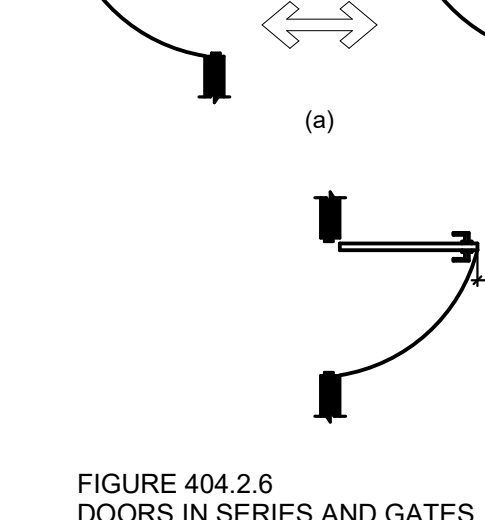
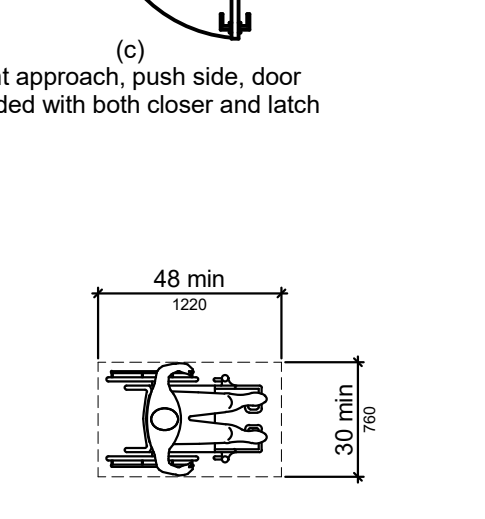
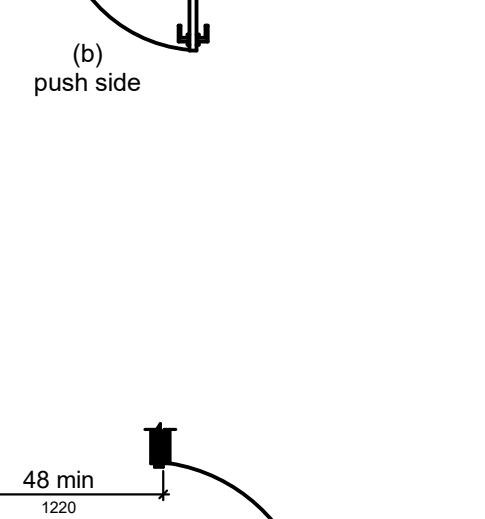
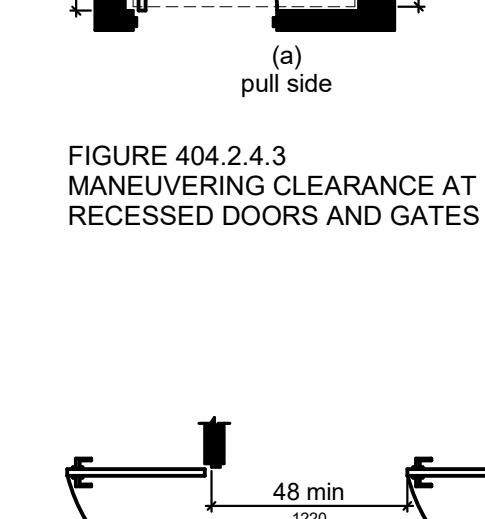
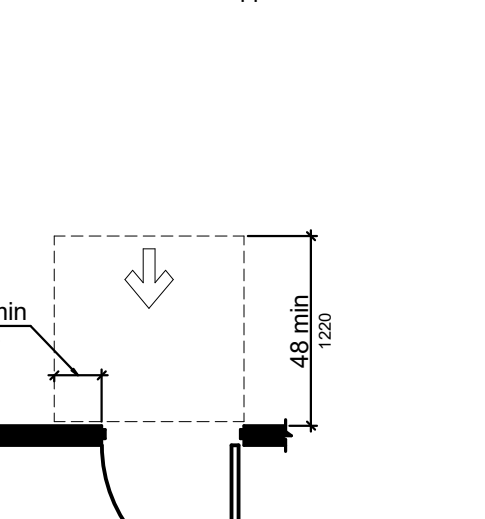
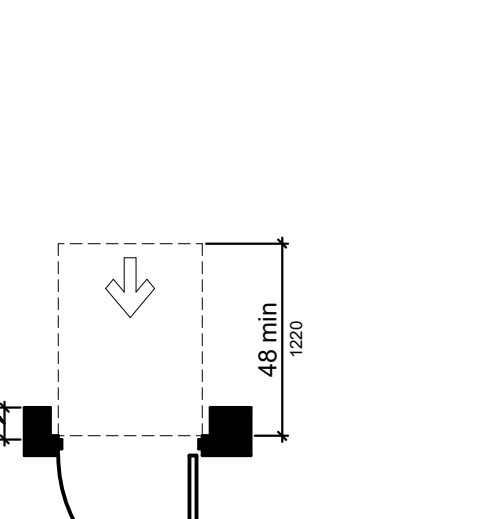
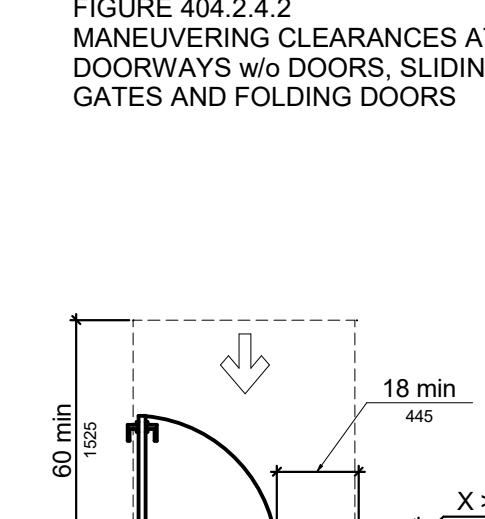
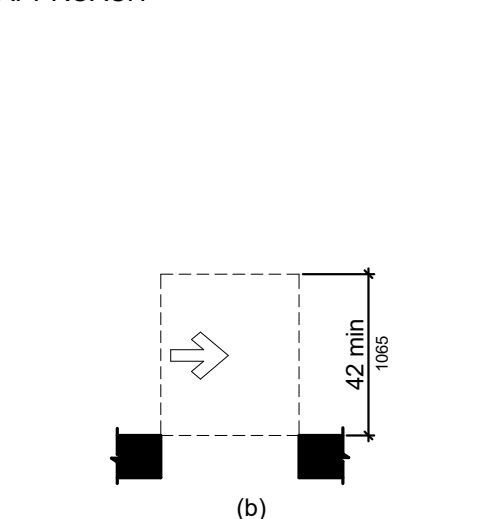
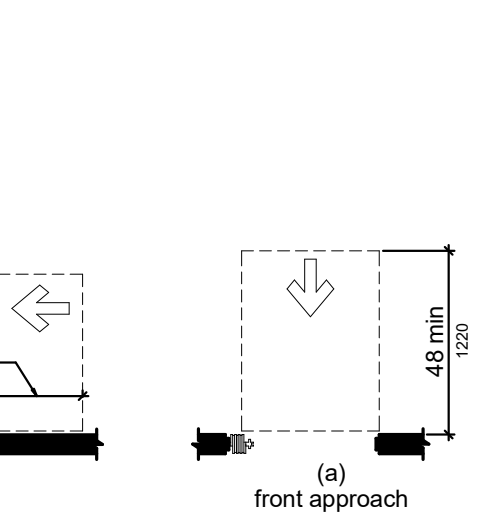
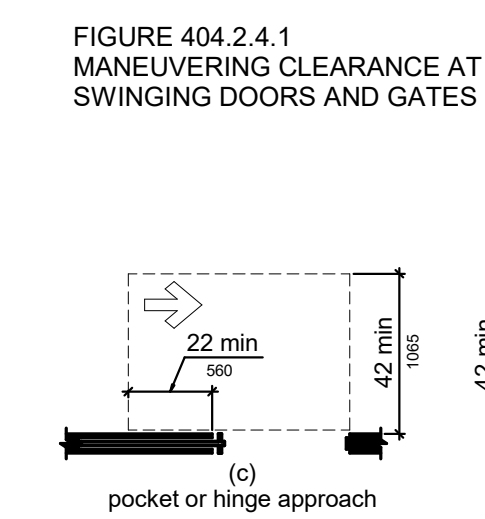
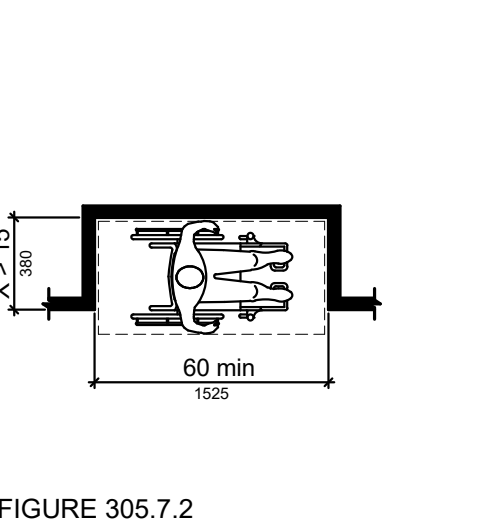
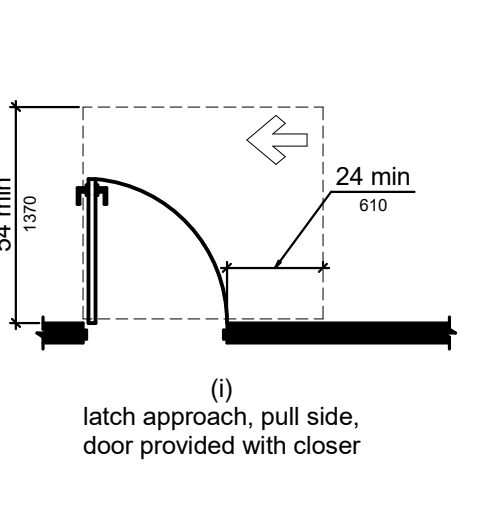
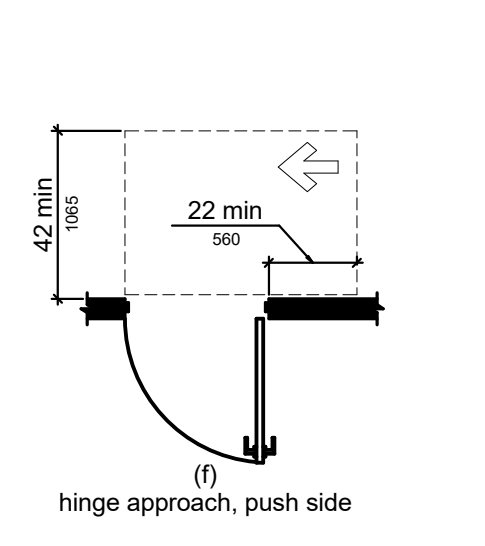
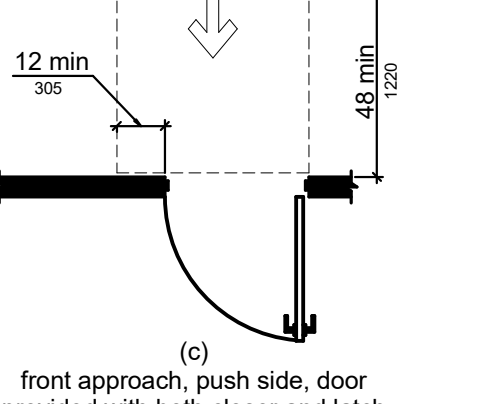
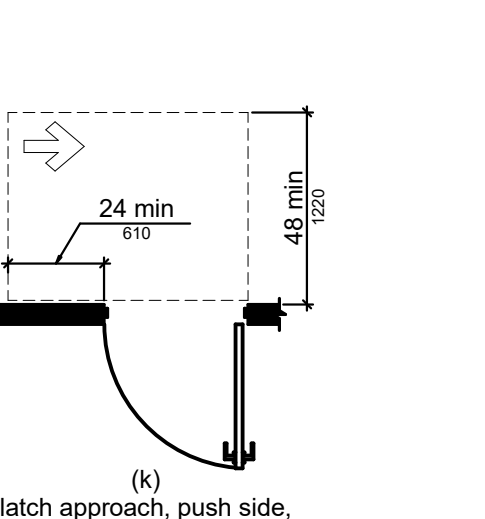
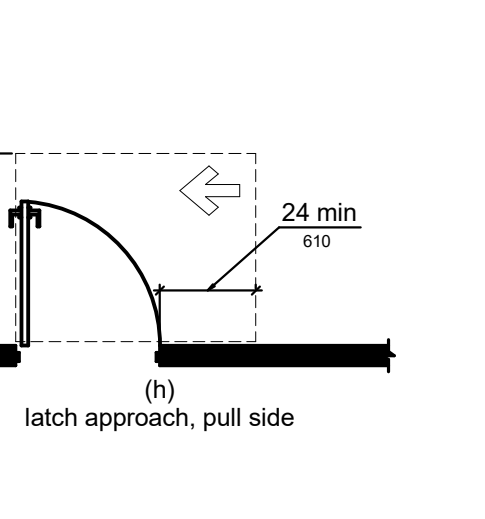
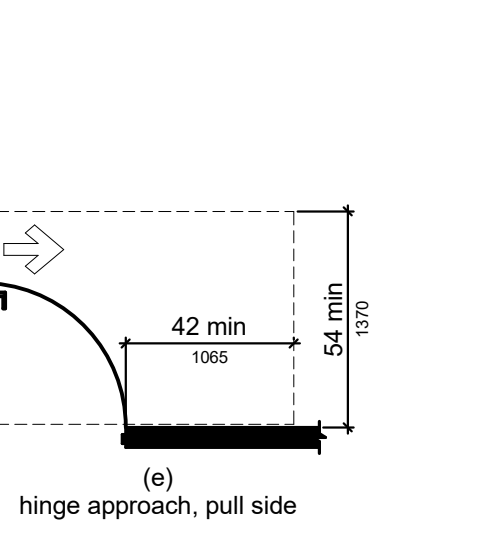
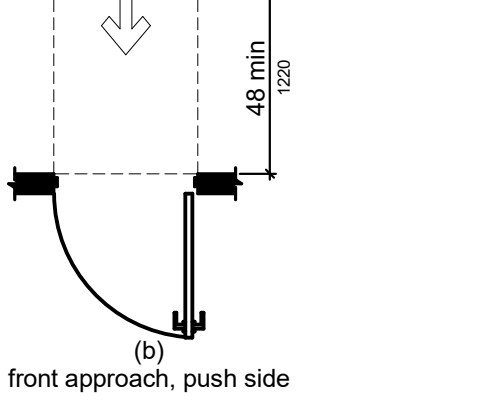
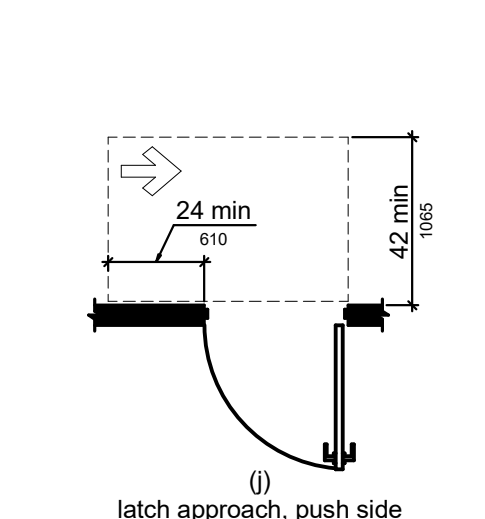
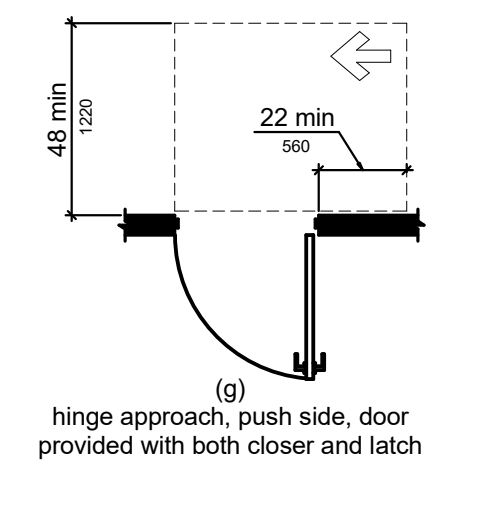
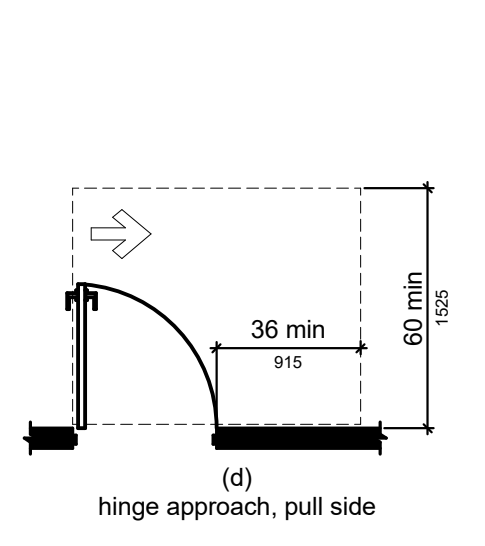
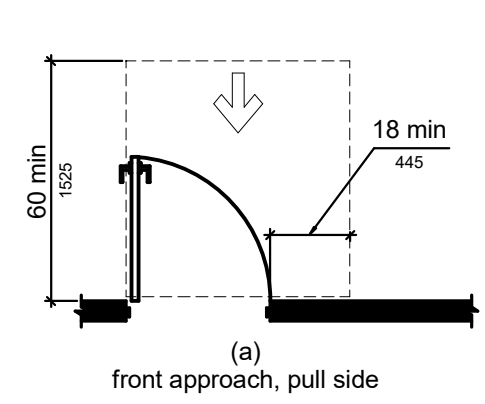


FIGURE 404.2.3 CLEAR WIDTH OF DOORWAYS

FIGURE 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

NOTE: AVOID SIDE REACH TO ELEMENTS IN CORNERS

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

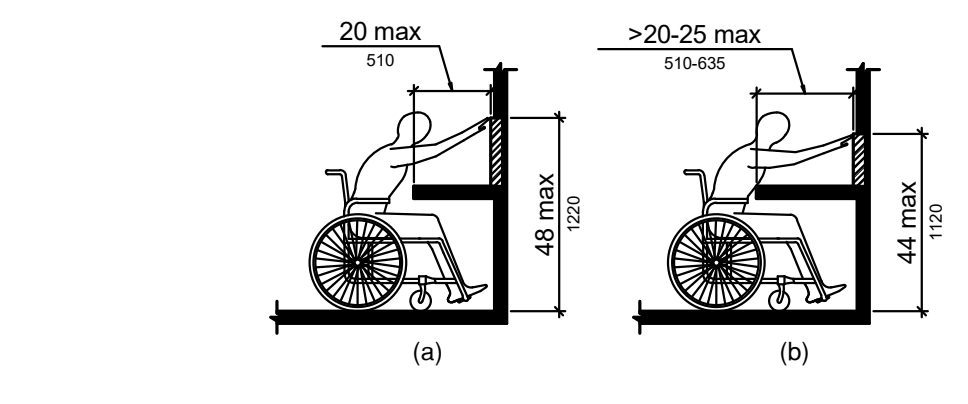


FIGURE 308.2.2 UNOBSTRUCTED HIGH FORWARD REACH

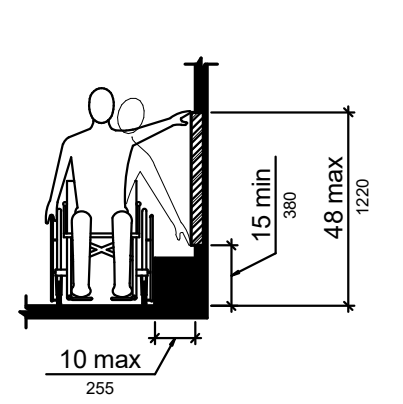


FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH

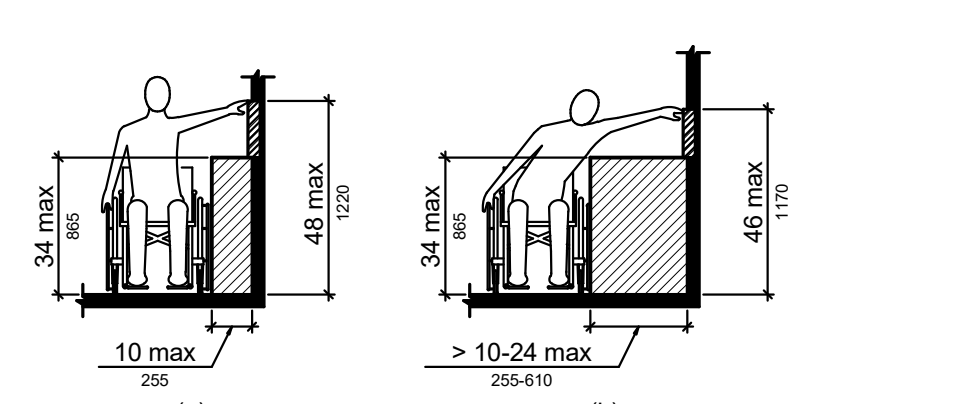


FIGURE 308.3.2 UNOBSTRUCTED HIGH SIDE REACH

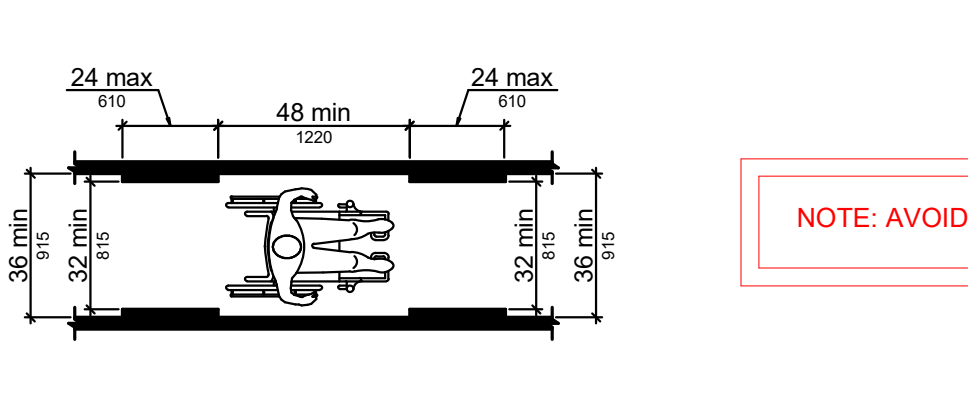


FIGURE 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

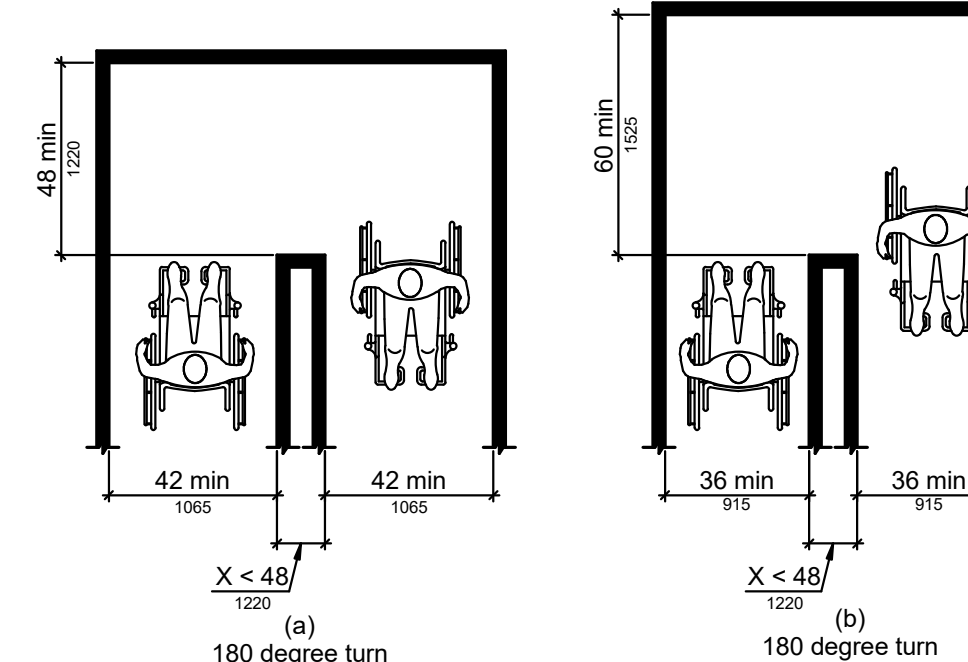


FIGURE 403.5.2 CLEAR WIDTH AT TURN

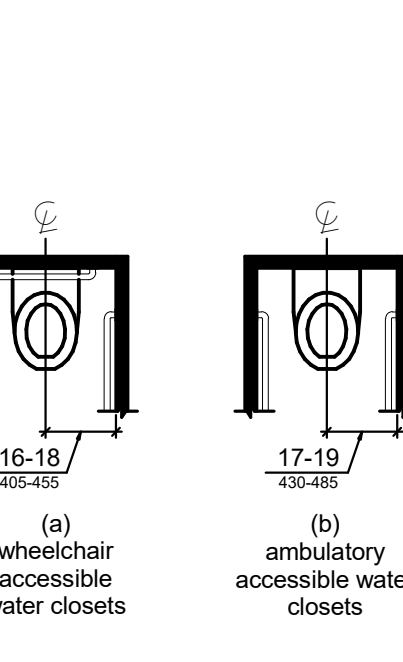


FIGURE 604.2 WATER CLOSET LOCATION

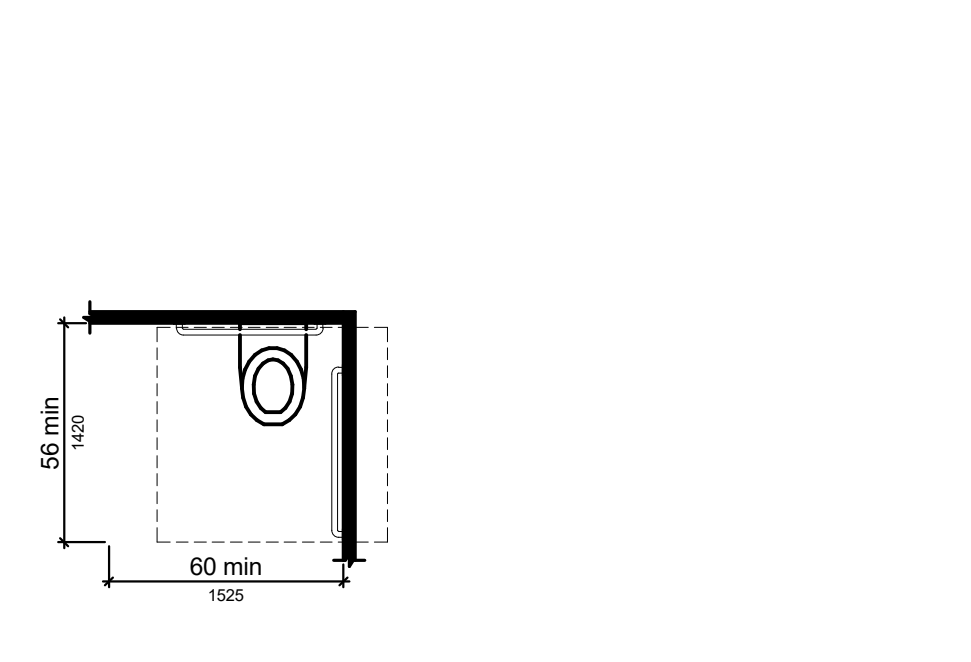


FIGURE 604.3.1 SIZE OF CLEARANCE AT WATER CLOSETS

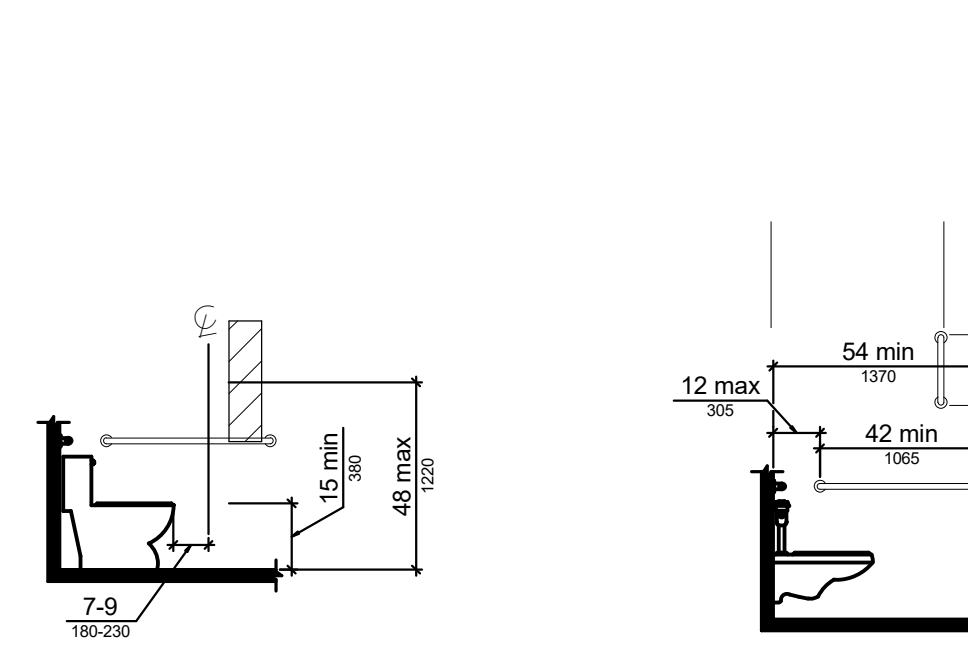


FIGURE 604.7 DISPENSER OUTLET LOCATION

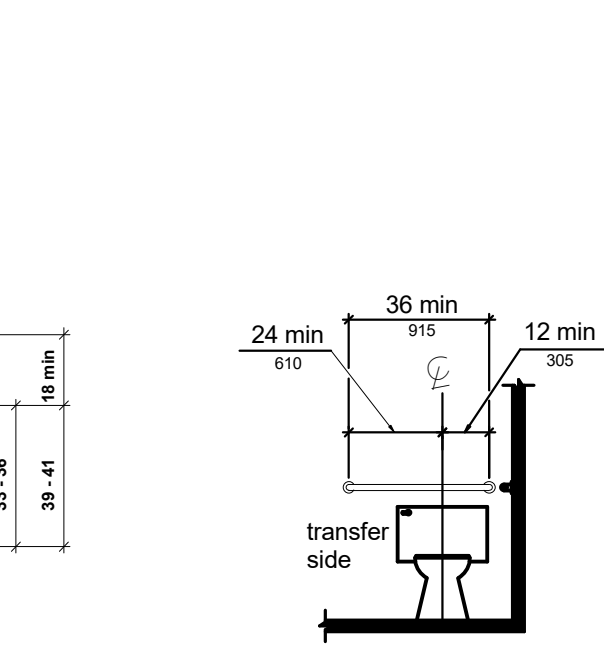


FIGURE 604.5.1 SIDE WALL GRAB BAR AT WATER CLOSETS

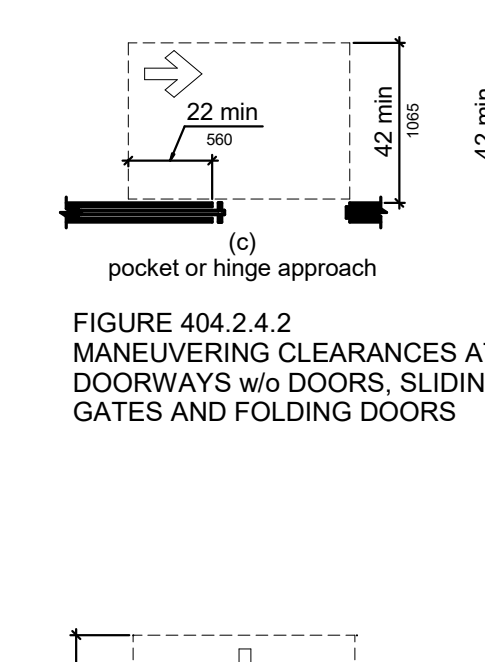


FIGURE 604.5.2 REAR WALL GRAB BAR AT WATER CLOSETS

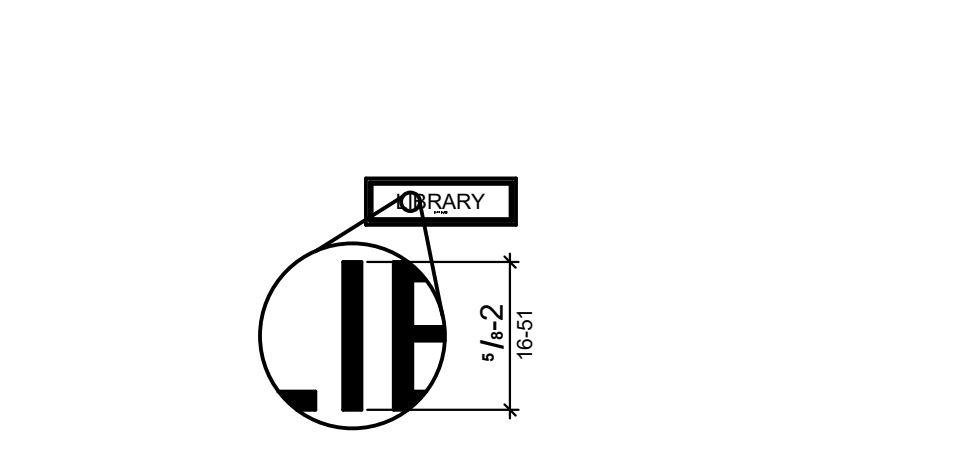


FIGURE 703.2.5 HEIGHT OF RAISED CHARACTERS

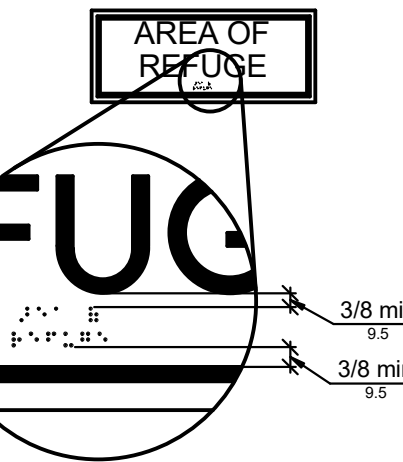


FIGURE 703.3.2 POSITION OF BRAILLE

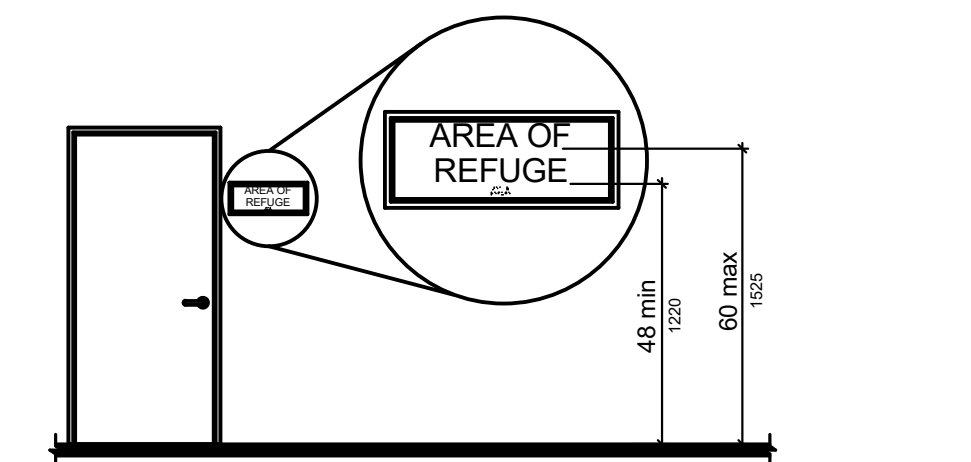


FIGURE 703.4.1 CHARACTER HEIGHT

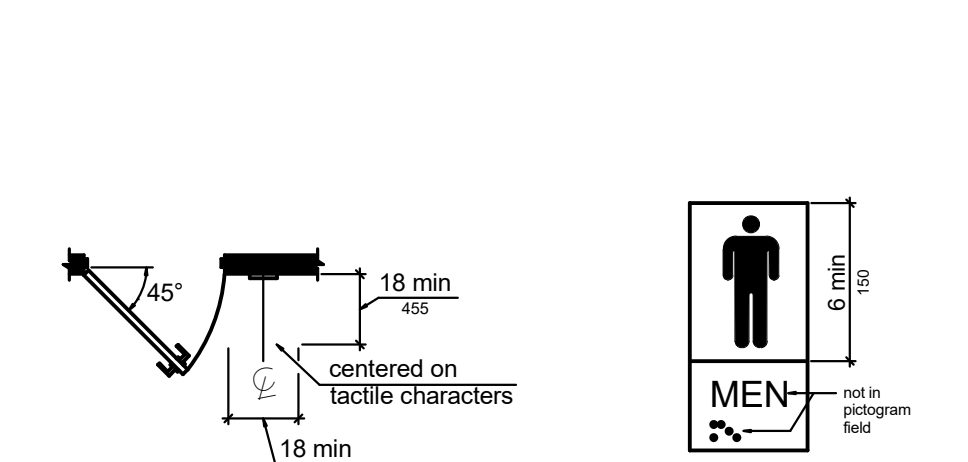


FIGURE 703.4.2 LOCATION OF TACTILE SIGNS AT DOORS

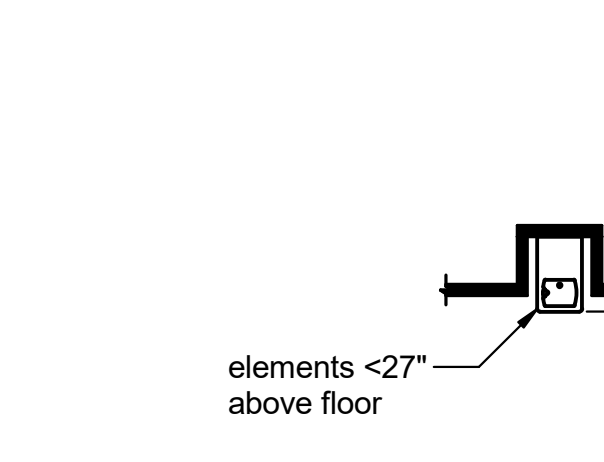


FIGURE 703.6 PICTOGRAM FIELD

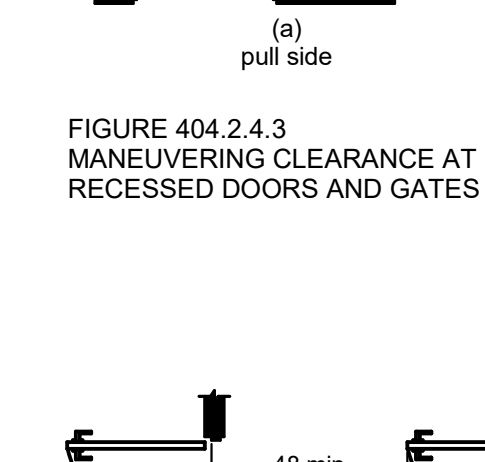


FIGURE 305.3 CLEAR FLOOR OR GROUND SPACE

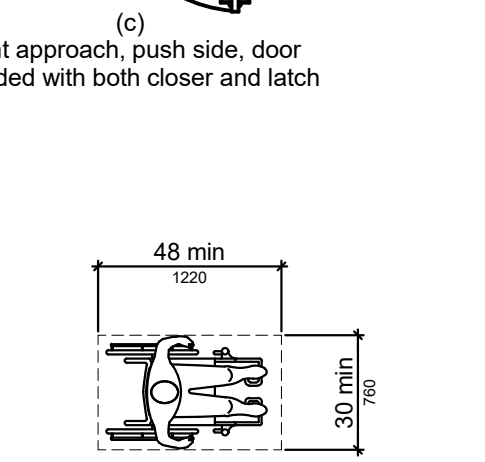


FIGURE 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

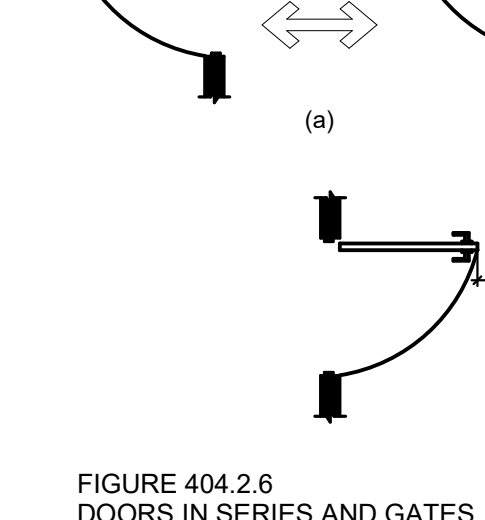


FIGURE 404.2.3 CLEAR WIDTH OF DOORWAYS

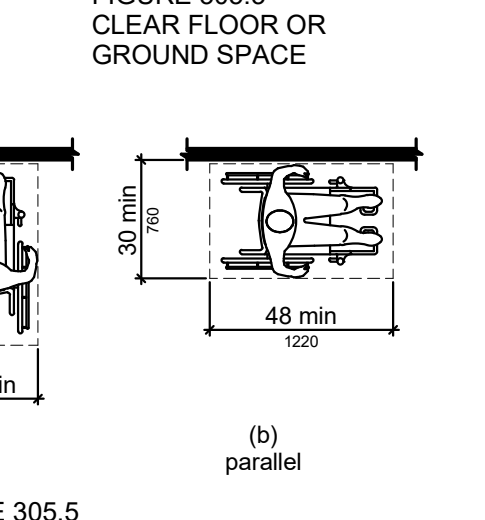


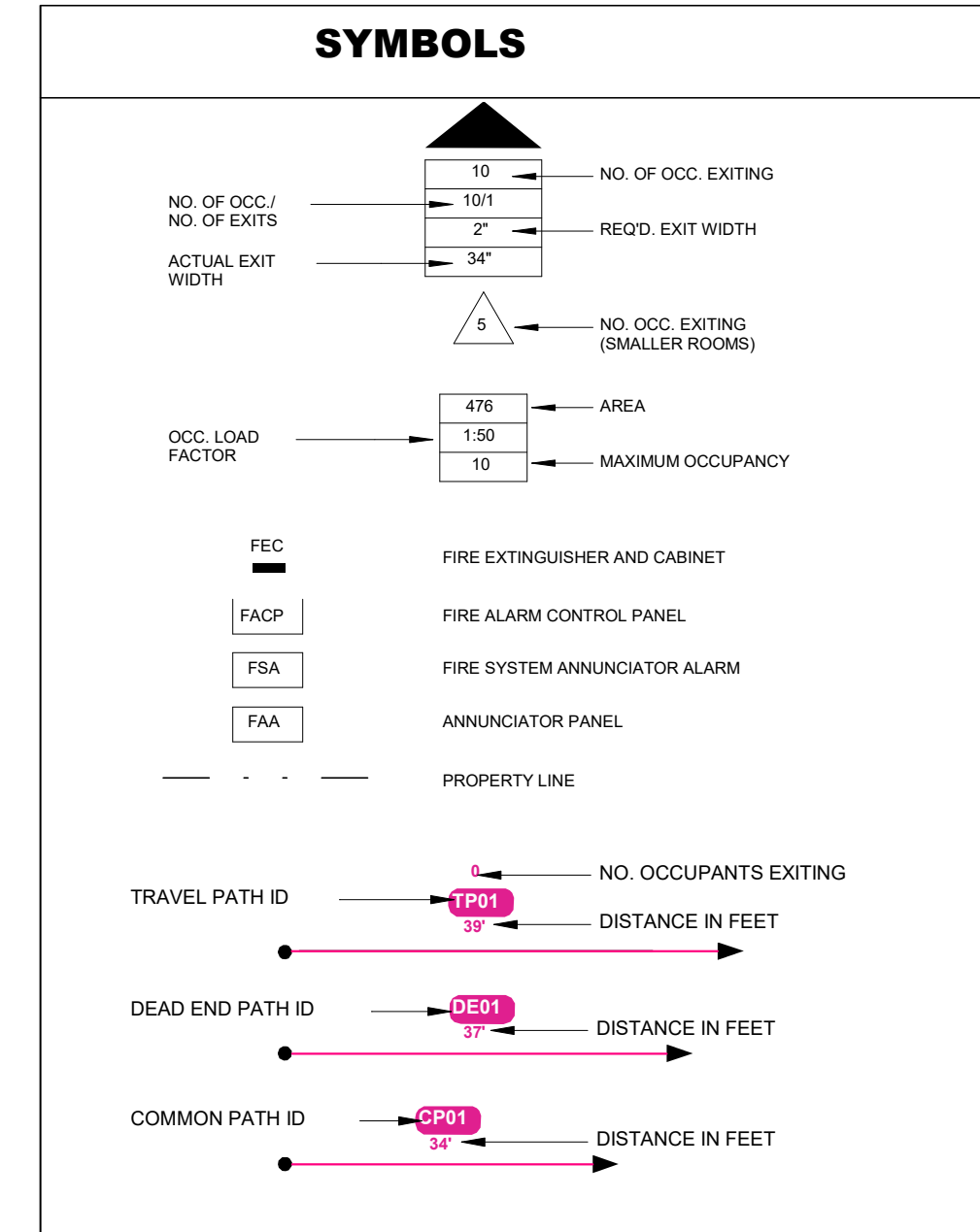
FIGURE 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

CODE INFORMATION

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 Hatched]
HAZARDOUS AREA	[Orange Hatched]
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 Hatched]
UNDER CONSTRUCTION	[Red Dotted Hatched]

PROJECT INFORMATION:
 1. CONSTRUCTION PURPOSE: TENANT INFILL
 2. REASON FOR SUBMITTAL: NEW CONSTRUCTION
 3. LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: NONE
 4. OWNER: MERCY NORTHWEST ARKANSAS 2710 RIFE MEDICAL LANE ROGERS, AR 72758 PH (479) 338-8000
 5. DATE DEVELOPED: 11/15/2024
 6. DESIGN TEAM:
 ARCHITECT: HFG ARCHITECTURE, LLC 206 SW 8TH STREET, SUITE 206 BENTONVILLE, AR 72712 PH (479) 448-4099 CONTACT: DAVID LONGMAYR EMAIL: david@hfgarchitecture.com
 MECHANICAL/ELECTRICAL: JESSICA BARNETT ELECTRICAL PH (479) 844-5675 (MOBILE) CONTACT: JESSICA BARNETT EMAIL: jessica@jessicabarnett.com
 DESIGN CONSULTANTS:
 PROFESSIONAL ENGINEERING CONSULTANTS 1924 LITOLA AVE., SUITE 1400 TULSA, OK 74104 PH (918) 864-5400 CONTACT: JOSH BOYMAN (MECHANICAL) EMAIL: josh.boyman@pennell.com
 ELECTRICAL: JESSICA BARNETT ELECTRICAL PH (479) 844-5675 (MOBILE) CONTACT: JESSICA BARNETT EMAIL: jessica.barnett@pennell.com
 7. ARCHITECT'S SEAL: SEE STAMP AT RIGHT
 8. FIRE SERVICE: CITY OF ROGERS
 9. INSPECTION: ROGERS FIRE DEPT. - COMMUNITY RISK REDUCTION DIVISION
 10. WATER SUPPLY: CITY OF ROGERS
 11. SEWAGE TREATMENT: CITY OF ROGERS

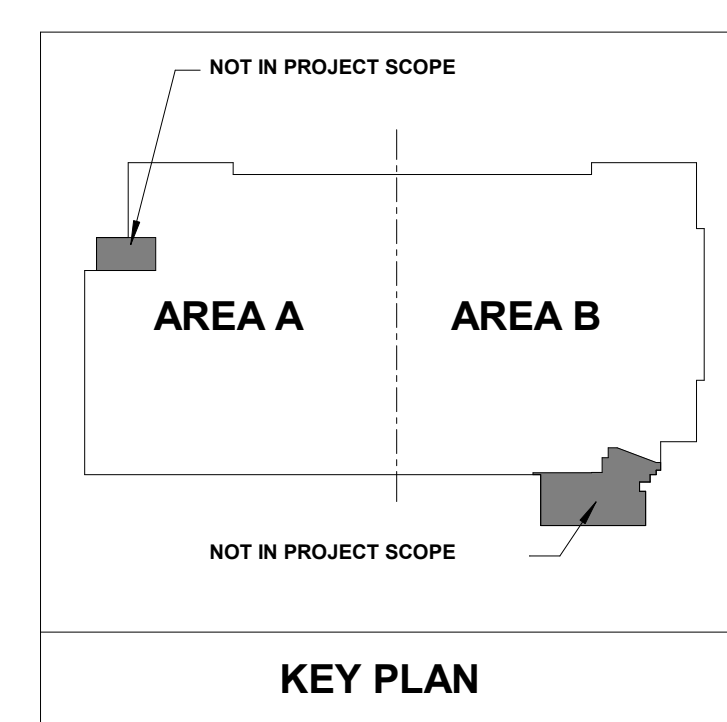
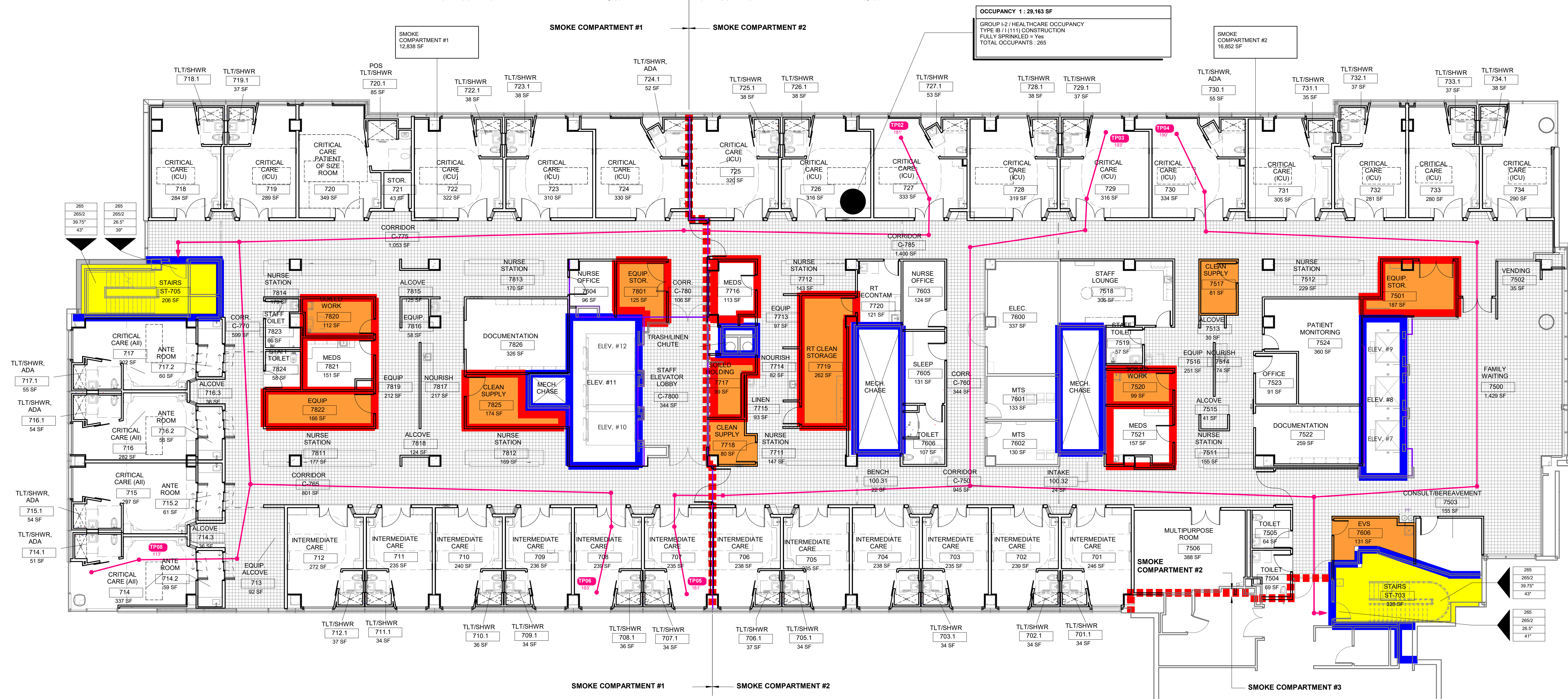
CODE REVIEW - ARKANSAS FIRE PREVENTION CODE (AFPC) AND NFPA			
Code Study			
Governing Codes	Miscellaneous Codes	State of AR - AFPC (IBC Equivalent)	NFPA
	ANSI 2017, A117.1	AFPC Vol. II, 2021 (IBC/ERC 2021)	NFPA 101 - 2021
	ADA, 2010	AFPC Vol. I, 2021 (IFC 2021)	NFPA 99 - 2018
	FGI, 2022	AR State Fuel 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			
Height	Unlimited	AFPC (IBC)	NFPA
Number of Stories	Unlimited	AFPC Vol. II, Table 504.3	NFPA 5000 - Table 7.4.1
I-2 / Healthcare Area (SF)	Unlimited	AFPC Vol. II, Table 504.4	NFPA 5000 - Table 7.4.1
	Unlimited	AFPC Vol. II, Table 506.2	NFPA 5000 - Table 7.4.1
Actual Condition			
Height	127 ft		
Number of Stories	8		
Entire 7th Floor Area	60,512 sqft		
Construction Type			
Construction Type	Rating in hours	AFPC Vol. II, Table 601	NFPA 5000 - Table 7.2.1.1
Primary Structural Frame	3-Hour	(A) (Reduced to 1B per 403.2.1.1 except primary frame)	(1)(3)(2) (reduced to 1)(2)(2) except primary frame)
Bearing walls	2-Hour		
Exterior	2-Hour		
Interior	2-Hour		
Nonbearing walls & partitions	0-Hour		
Exterior	0-Hour		
Nonbearing walls & partitions	0-Hour		
Interior	0-Hour		
Floor Construction & associated secondary members	2-Hour		
Roof Construction & associated secondary members	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 severe)	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



No.	Date	Description

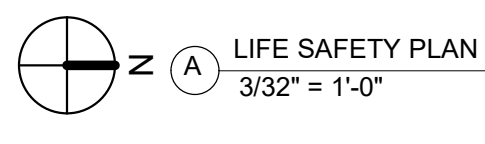
PROGRESS DRAWING
 11/15/2024 10:56:01
 PM
 NOT FOR CONSTRUCTION

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 LIFE SAFETY PLAN



7TH FLOOR
 Sheet No.
LS-01



3/32" = 1"

REVISED LOG

No.	Date	Description

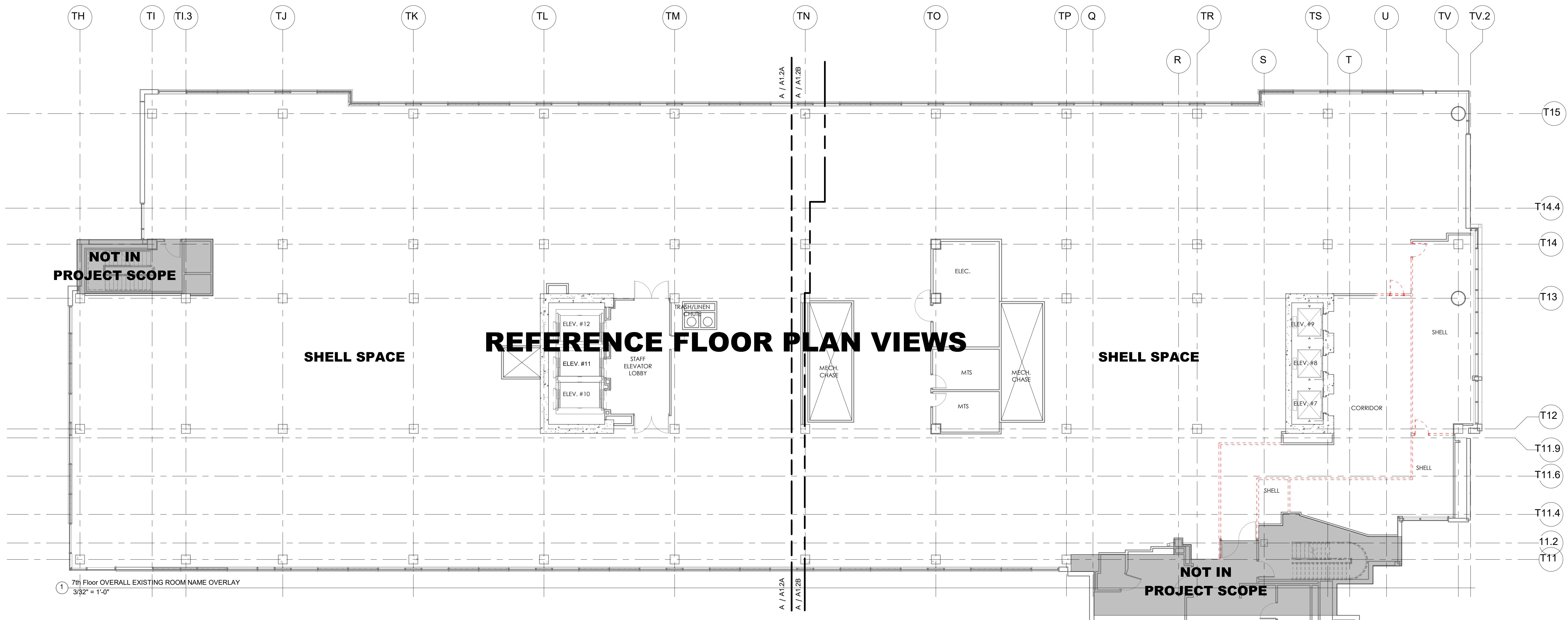
PROGRESS DRAWING
11/15/2024 10:35:50
PM
NOT FOR CONSTRUCTION

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 PLAN



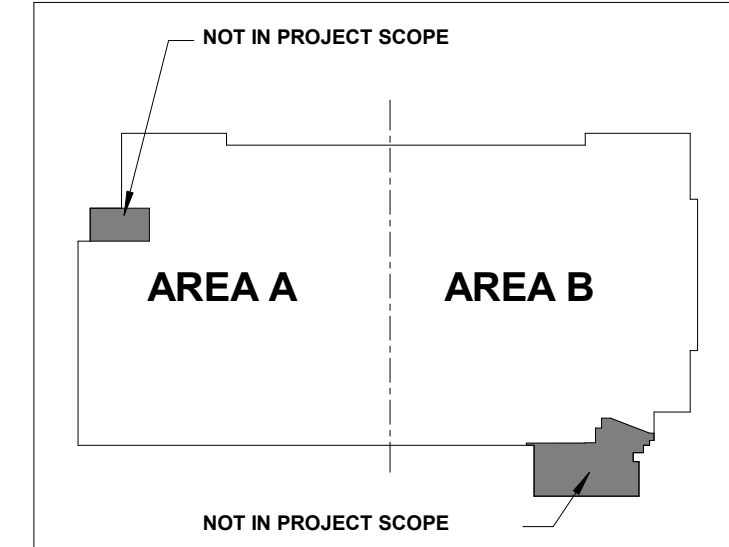
7TH FLOOR
D1.1



1 7th Floor OVERALL EXISTING ROOM NAME OVERLAY
3/32" = 1'-0"

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

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



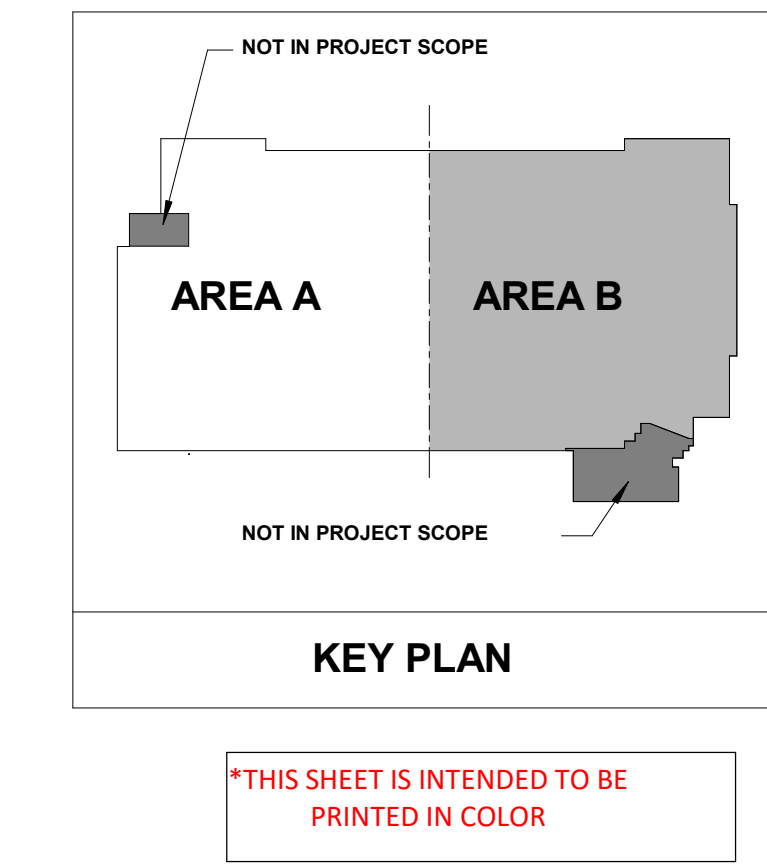
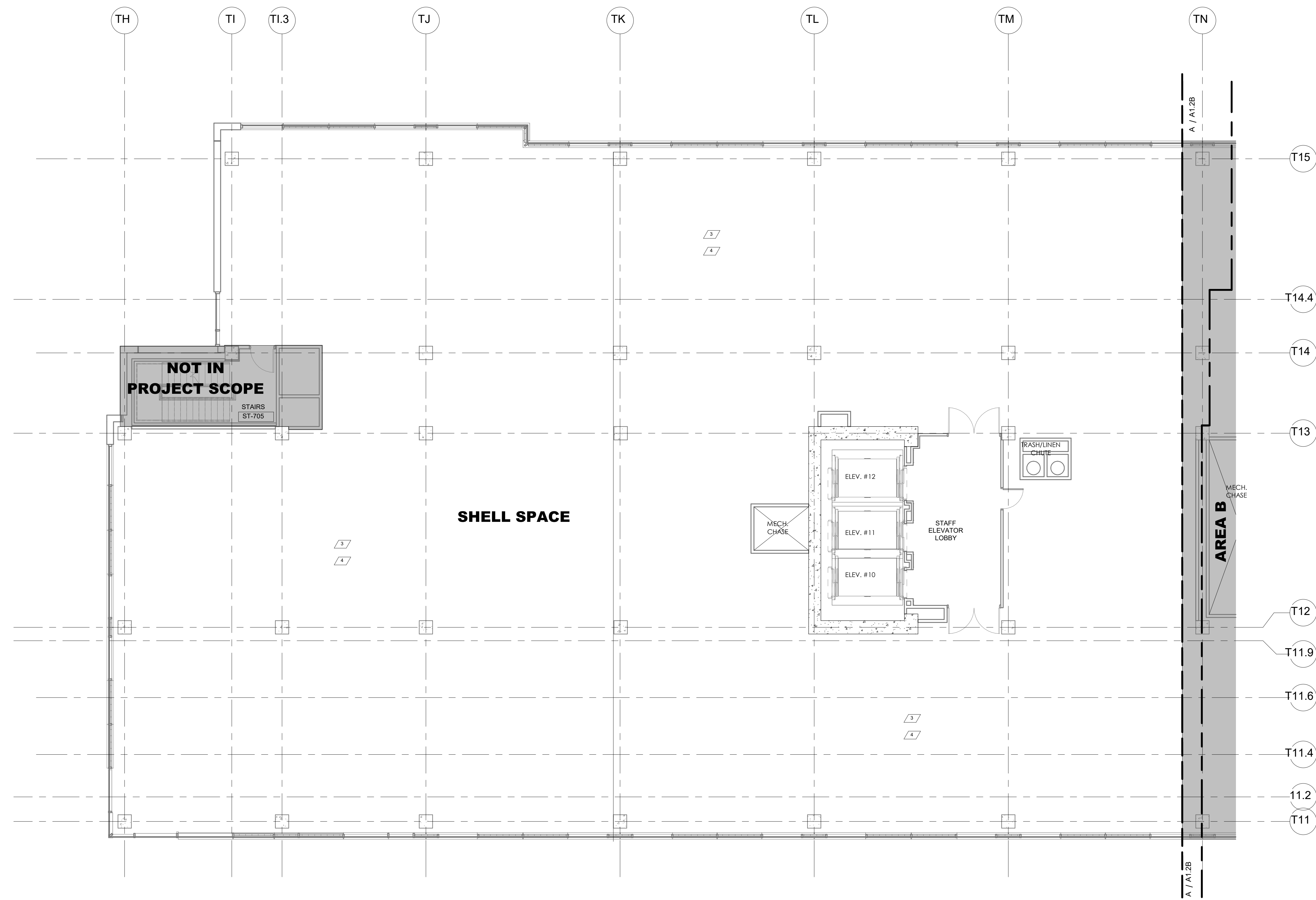
KEY PLAN

*THIS SHEET IS INTENDED TO BE PRINTED IN COLOR

DEMO LEGEND	
WALL	
DOOR	
CEILING AND GRD	

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

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.



No.	Date	Description

PROGRESS DRAWING
 11/15/2024 10:35:51 PM
 NOT FOR CONSTRUCTION

Mercy Project No.: 2060-821203
 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 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 ISB FROM METAL STUD FRAMING - METAL STUD FRAMING TO REMAIN - PREP FOR INSTALLATION OF TILE BACKER BOARD OVER EXIST METAL STUD FRAMING

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.

No.	Date	Description

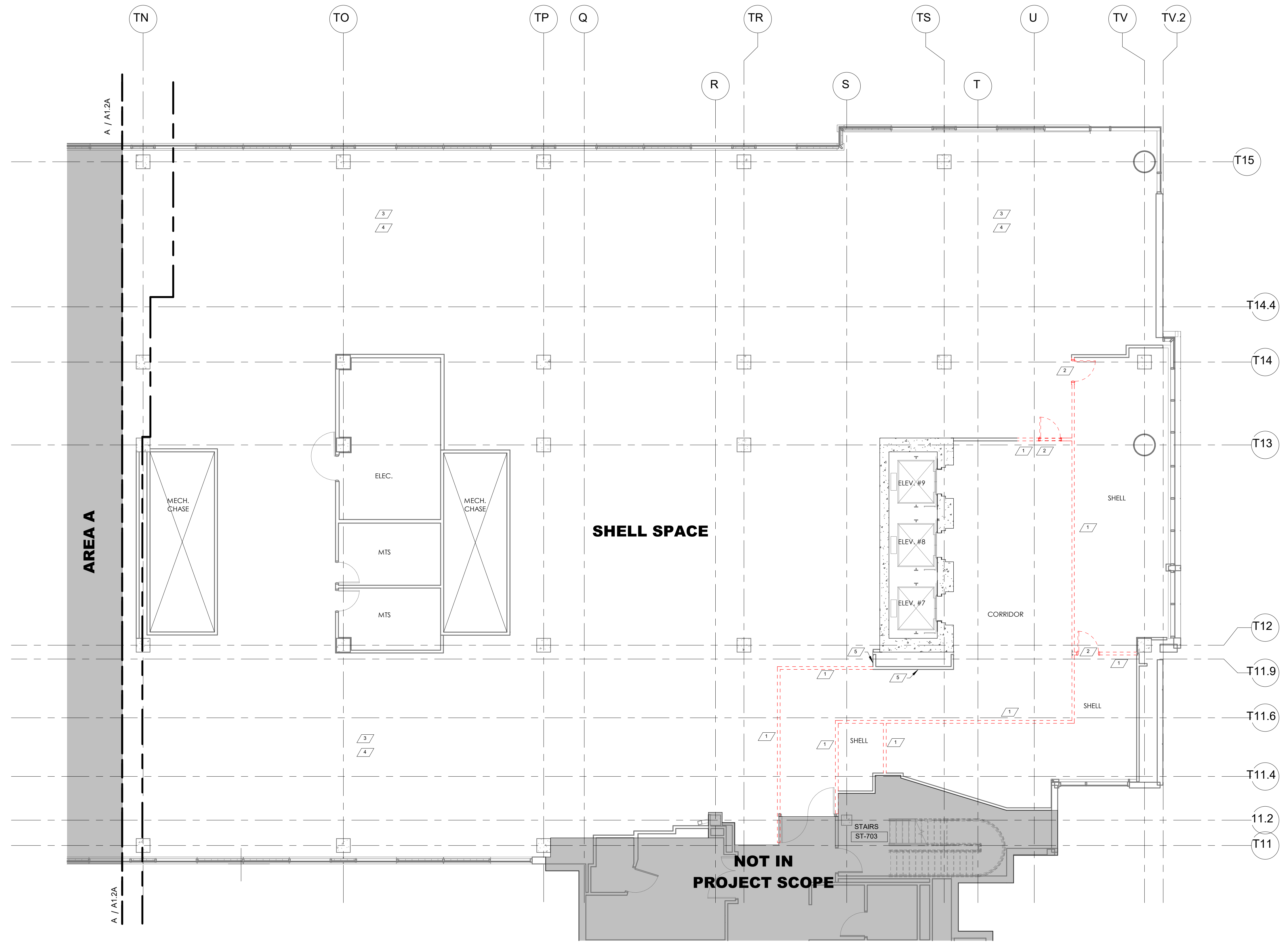
PROGRESS DRAWING
 11/15/2024 10:35:52
 PM
 NOT FOR CONSTRUCTION

Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As Indicated

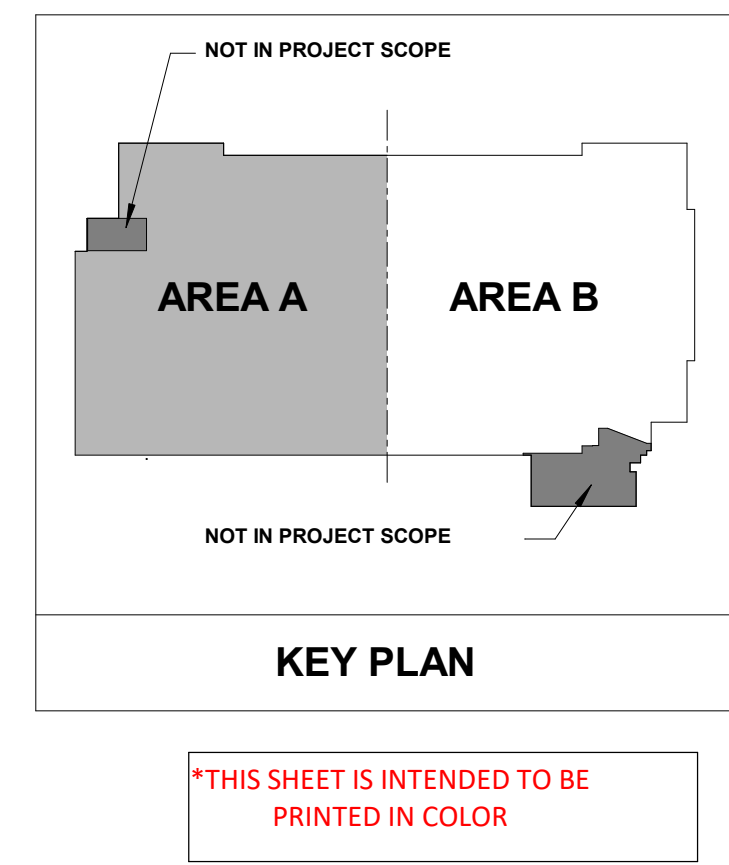
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR PLAN - DEMO - AREA B



7TH FLOOR
D1.1B



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



REVISED LOG

No.	Date	Description

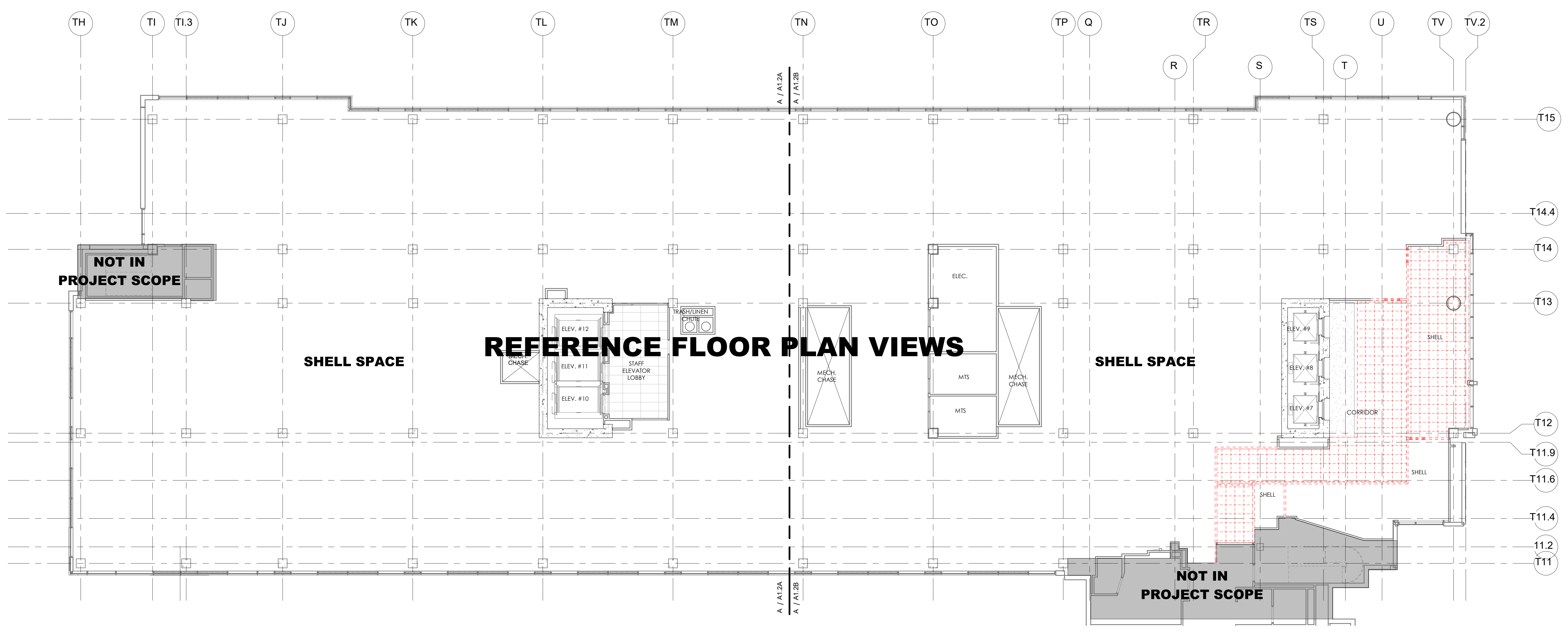
PROGRESS DRAWING
 11/15/2024 10:35:54
 PM
 NOT FOR CONSTRUCTION

Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As Indicated

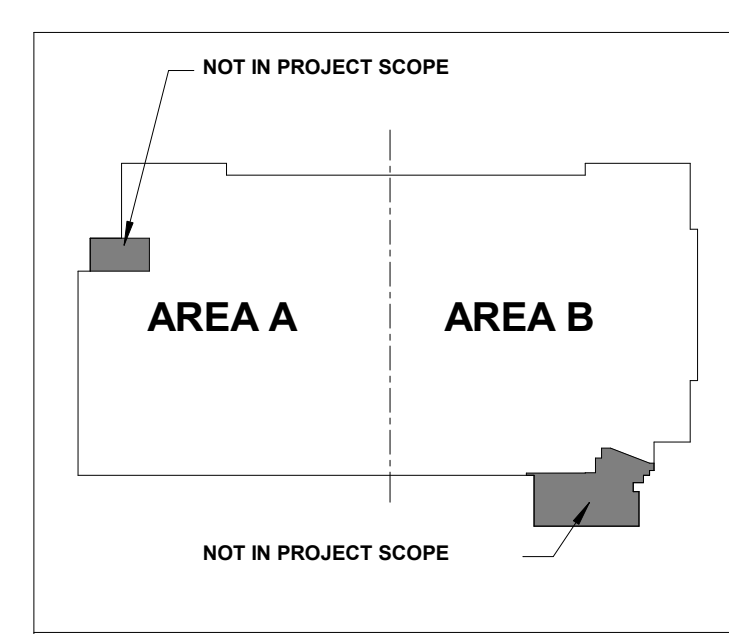
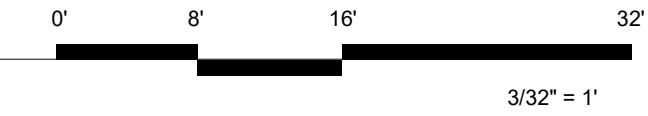
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR OVERALL DEMO REFLECTED CEILING PLAN



7TH FLOOR
D1.2



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

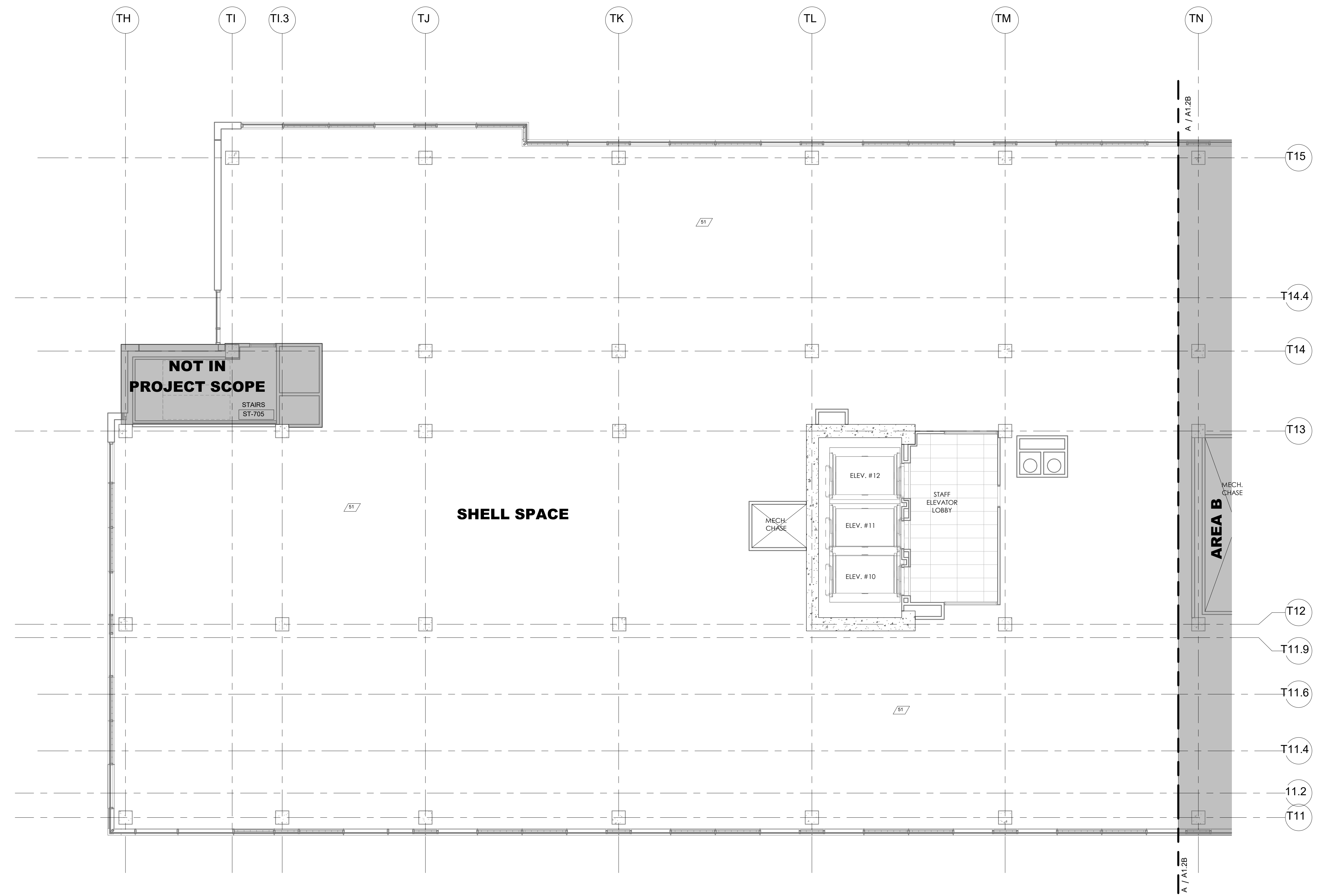


KEY PLAN

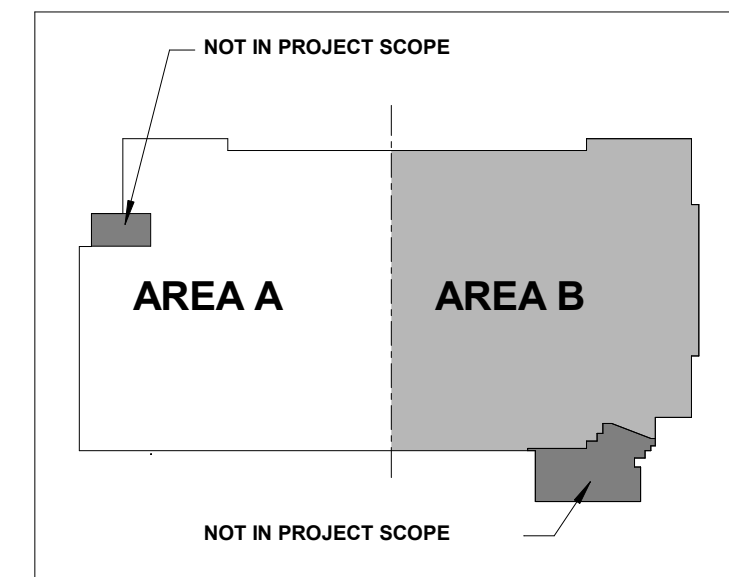
***THIS SHEET IS INTENDED TO BE PRINTED IN COLOR**

PLAN NOTES - DEMO RCP	
S0	REMOVE CEILING
S1	REMOVE EXISTING LIGHTING. RETURN TO OWNER - REF. ELEC.
S2	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.



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



KEY PLAN

THIS SHEET IS INTENDED TO BE PRINTED IN COLOR



No.	Date	Description

PROGRESS DRAWING
 11/15/2024 10:35:54 PM
 NOT FOR CONSTRUCTION

Mercy Project No.: 2000-821203
 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 REFLECTED CEILING PLAN - DEMO - AREA A

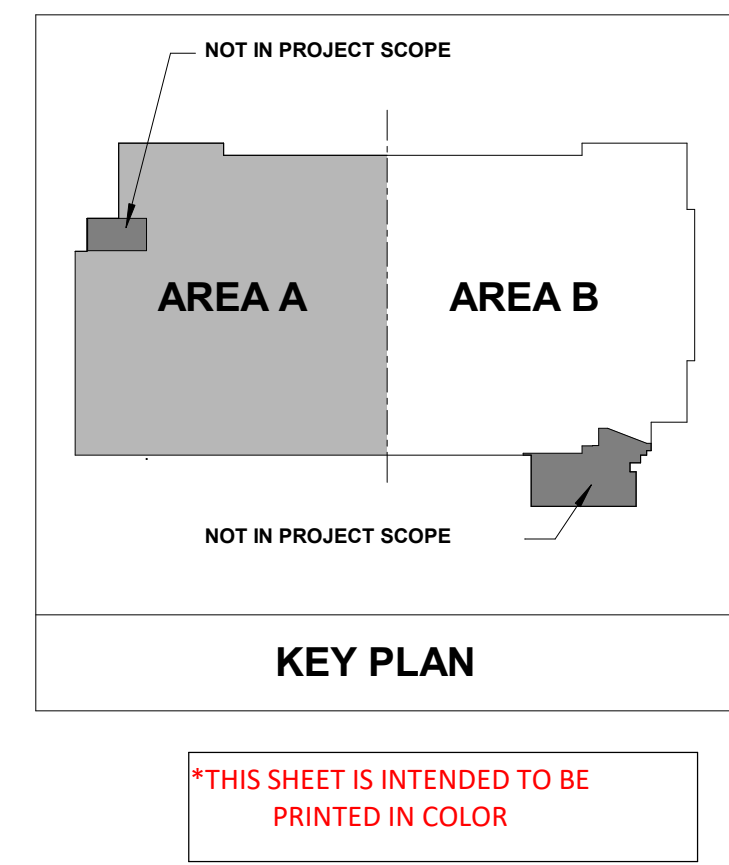
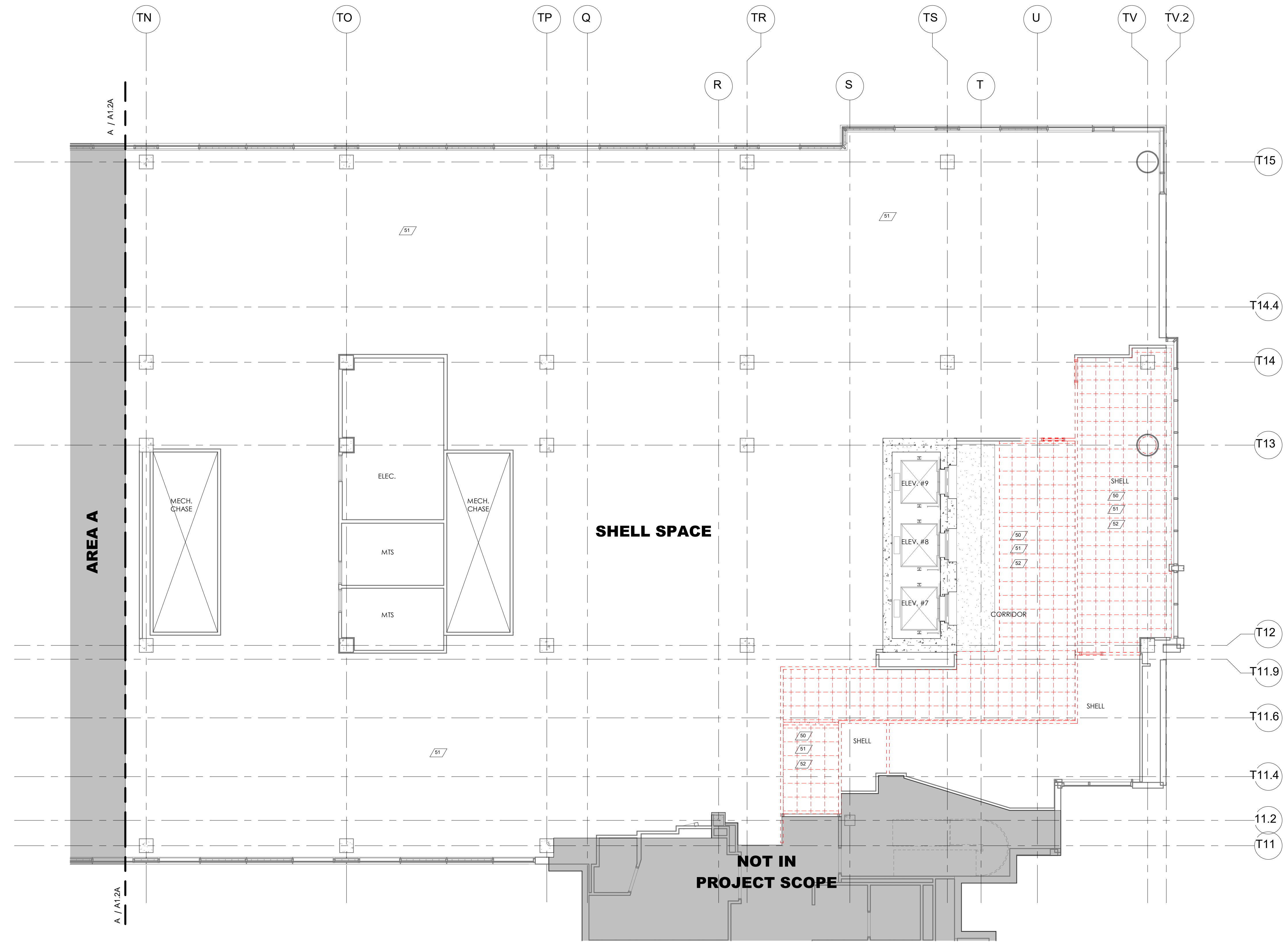


7TH FLOOR

D1.2A

PLAN NOTES - DEMO RCP	
S0	REMOVE CEILING
S1	REMOVE EXISTING LIGHTING. RETURN TO OWNER - REF. ELEC.
S2	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.	



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

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



No.	Date	Description

PROGRESS DRAWING
11/15/2024 10:35:56
PM
NOT FOR CONSTRUCTION

Mercy Project No.: 2060-821203
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 REFLECTED CEILING PLAN - DEMO - AREA B



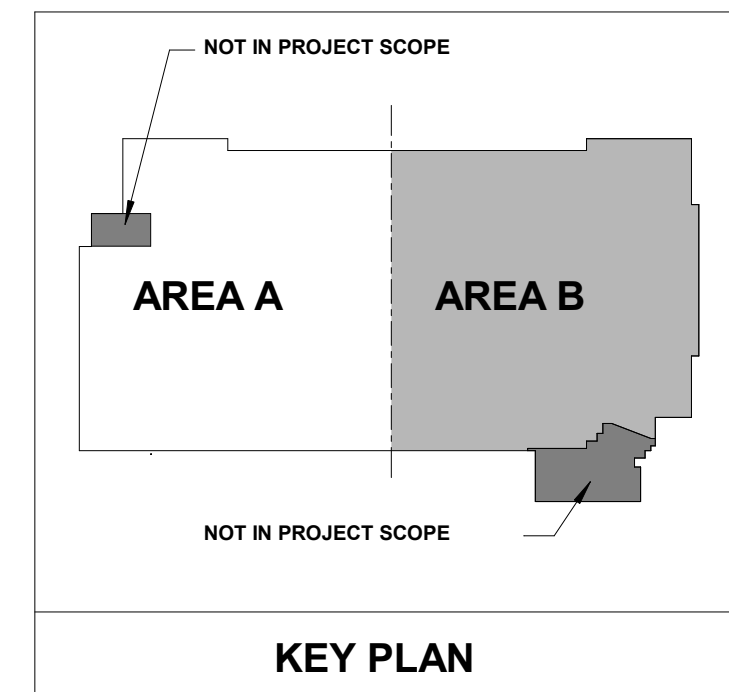
7TH FLOOR
D1.2B

LEGEND FOR WALL TAGS

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

PLAN NOTES - FLOOR PLAN

1 PARTITIONS TO ALIGN



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

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

No.	Date	Description

PROGRESS DRAWING
 11/15/2024 10:55:30
 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 PLAN - DIMENSIONS - AREA A



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

LEGEND FOR WALL TAGS

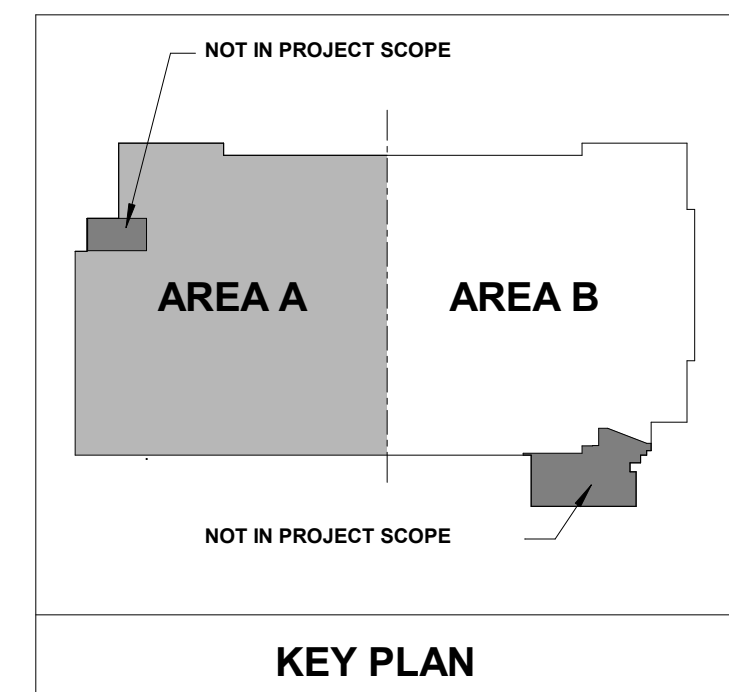
WALL TYPE:
 X WALL TAG DENOTES WALL/PARTITION ASSEMBLY TYPE. REFERENCE TYPICAL PARTITIONS, DETAILS, AND SPECIFICATIONS.

PLAN NOTES - FLOOR PLAN

1 PARTITIONS TO ALIGN



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



No.	Date	Description

PROGRESS DRAWING
 11/15/2024 10:55:32
 PM
 NOT FOR CONSTRUCTION

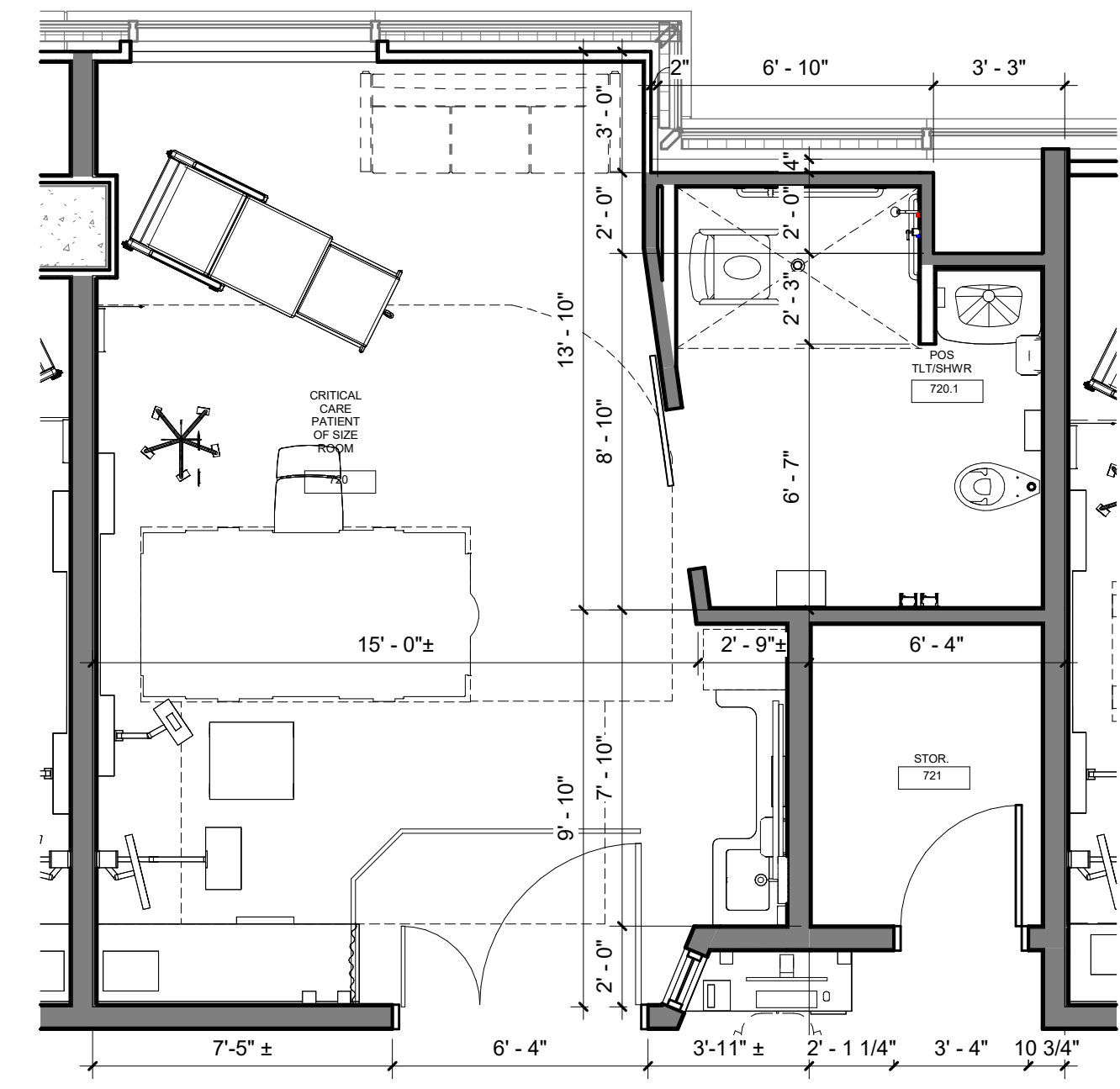
Project No.: 2040-821203
 Date: 11/15/2024
 Scale: As Indicated

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

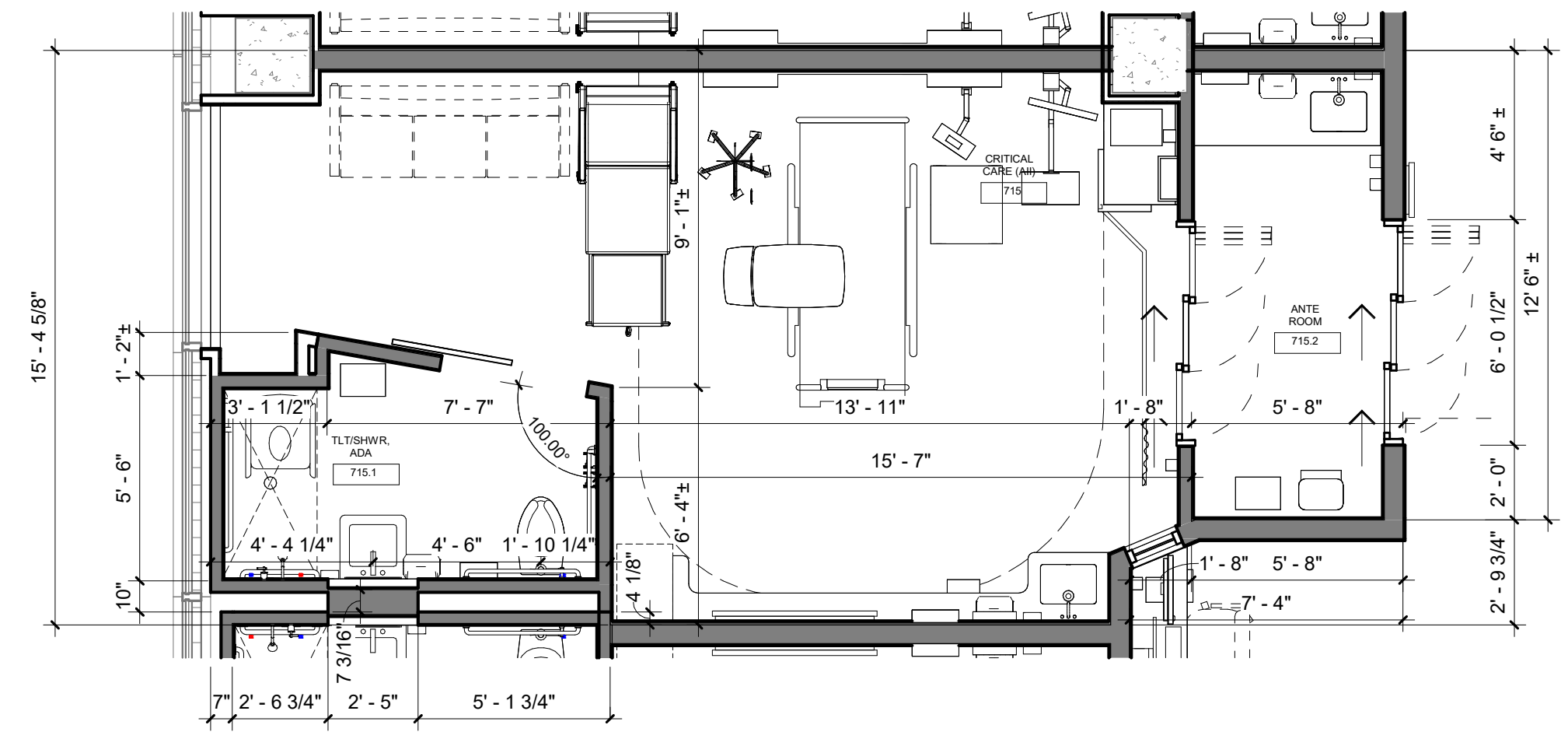
7TH FLOOR PLAN - DIMENSIONS - AREA B



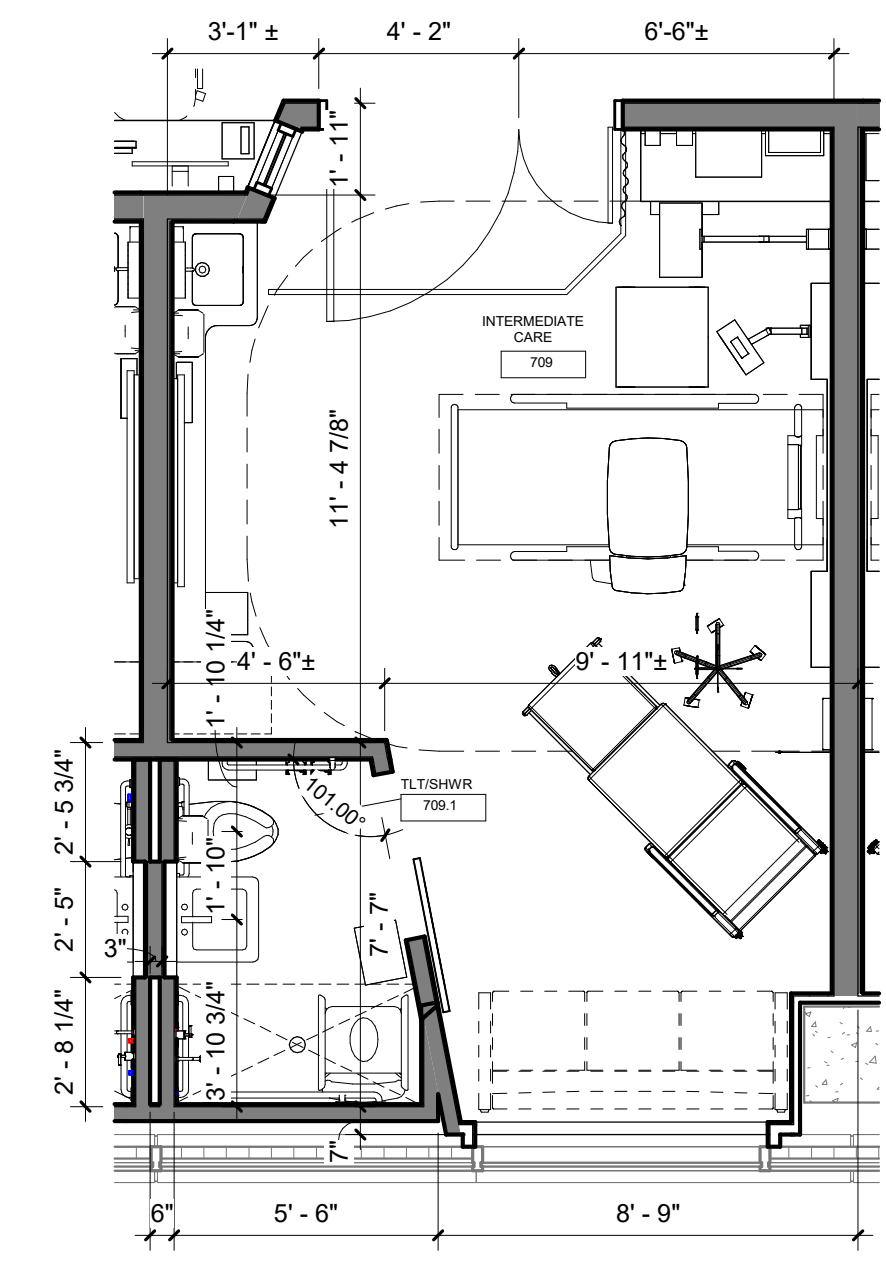
Floor No.: 7TH FLOOR
 Sheet No.: **A1.1B**



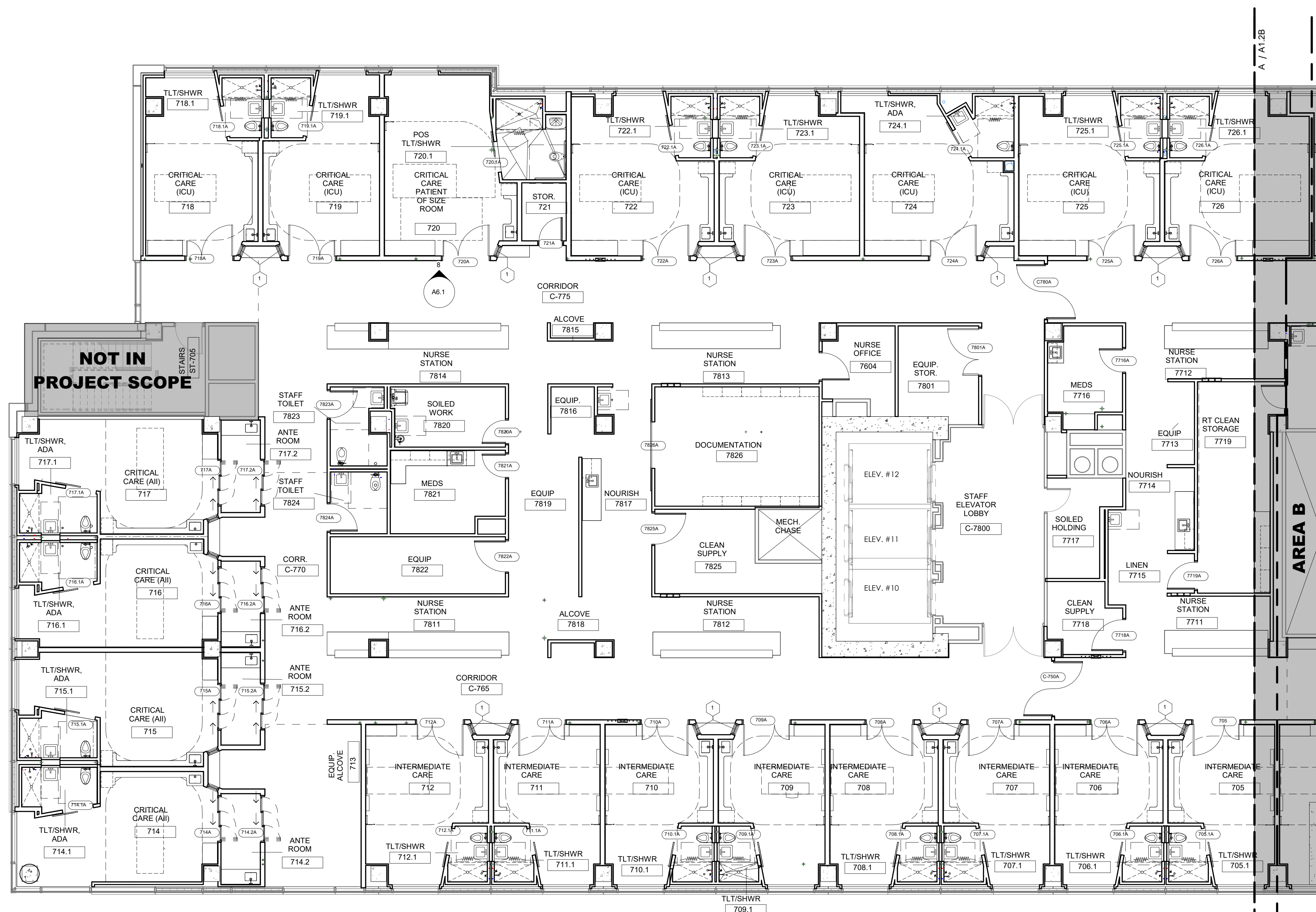
1 TYP. PATIENT OF SIZE ROOM
1/4" = 1'-0"



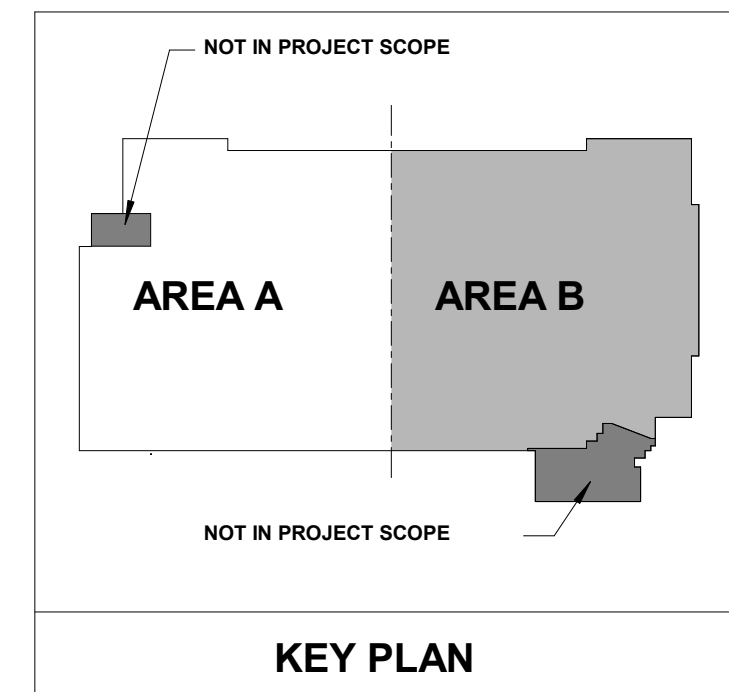
2 TYP. ISOLATION ICU ROOM
1/4" = 1'-0"



3 TYP. PCU ROOM
1/4" = 1'-0"



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



Architect's Log

No.	Date	Description

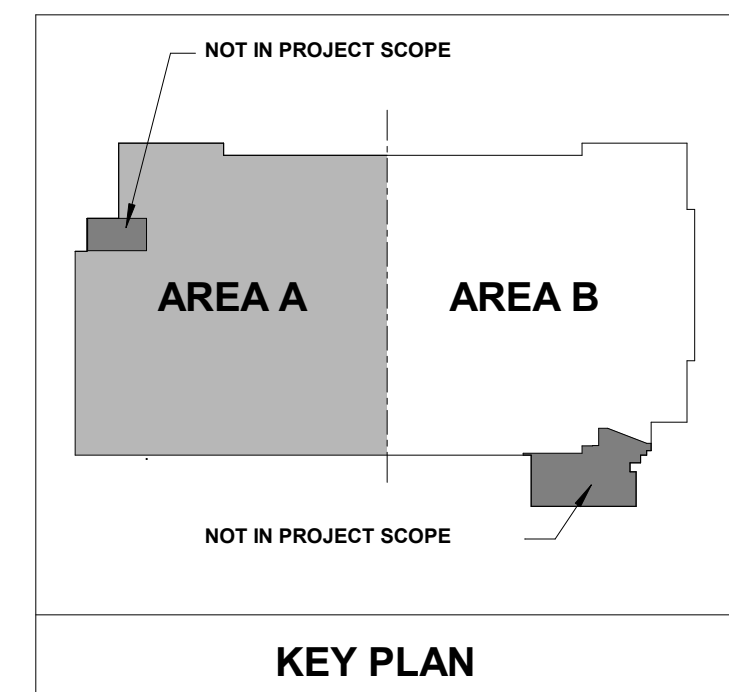
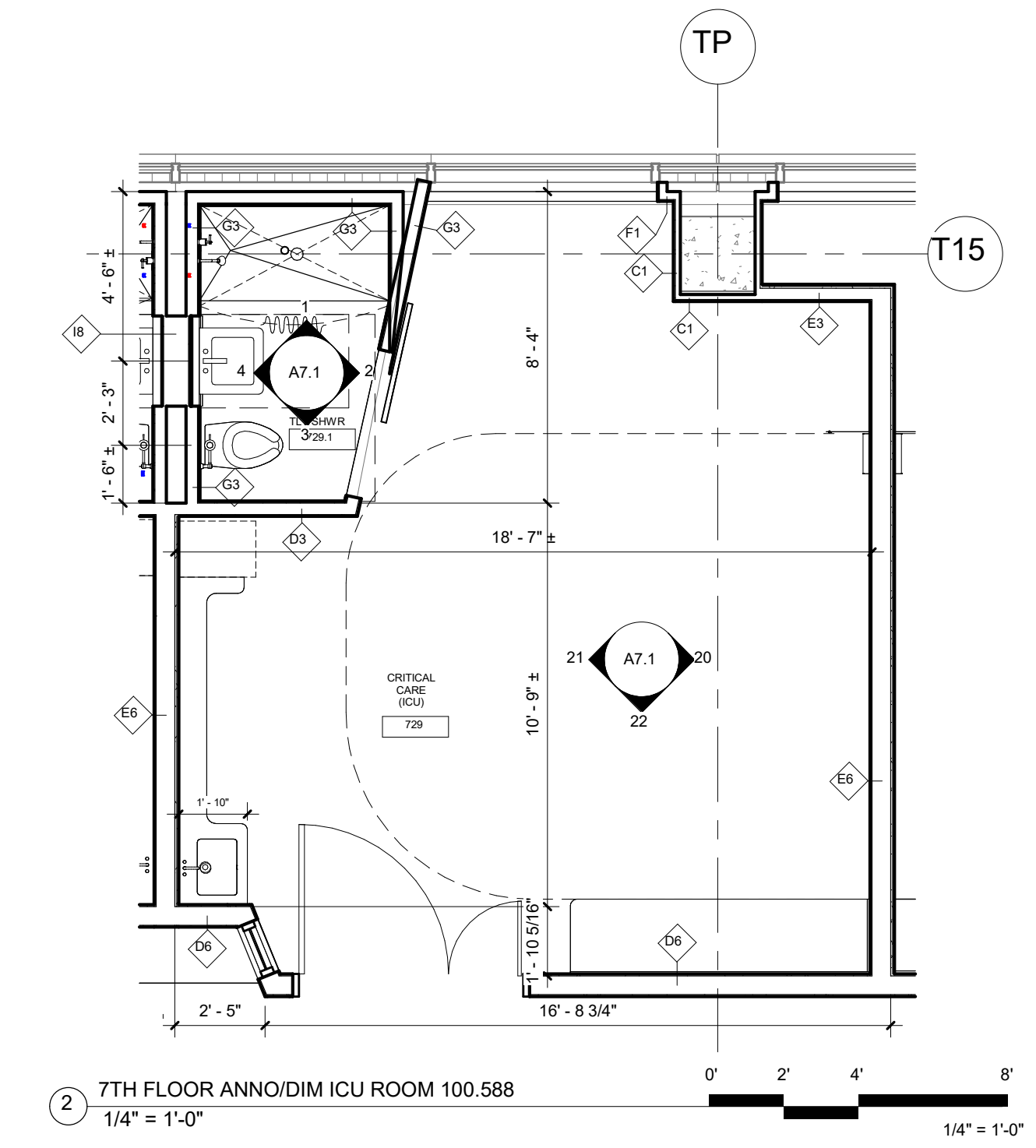
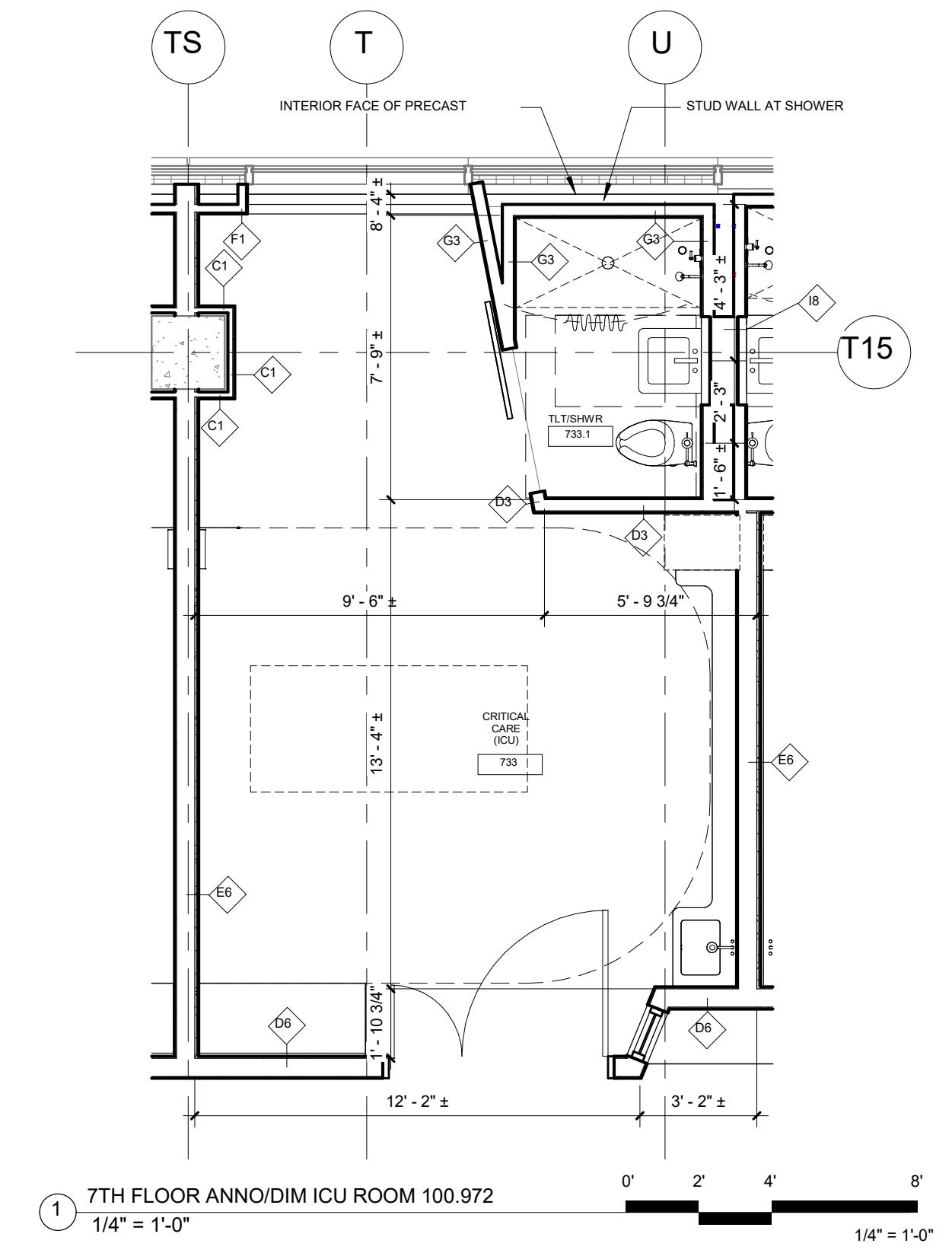
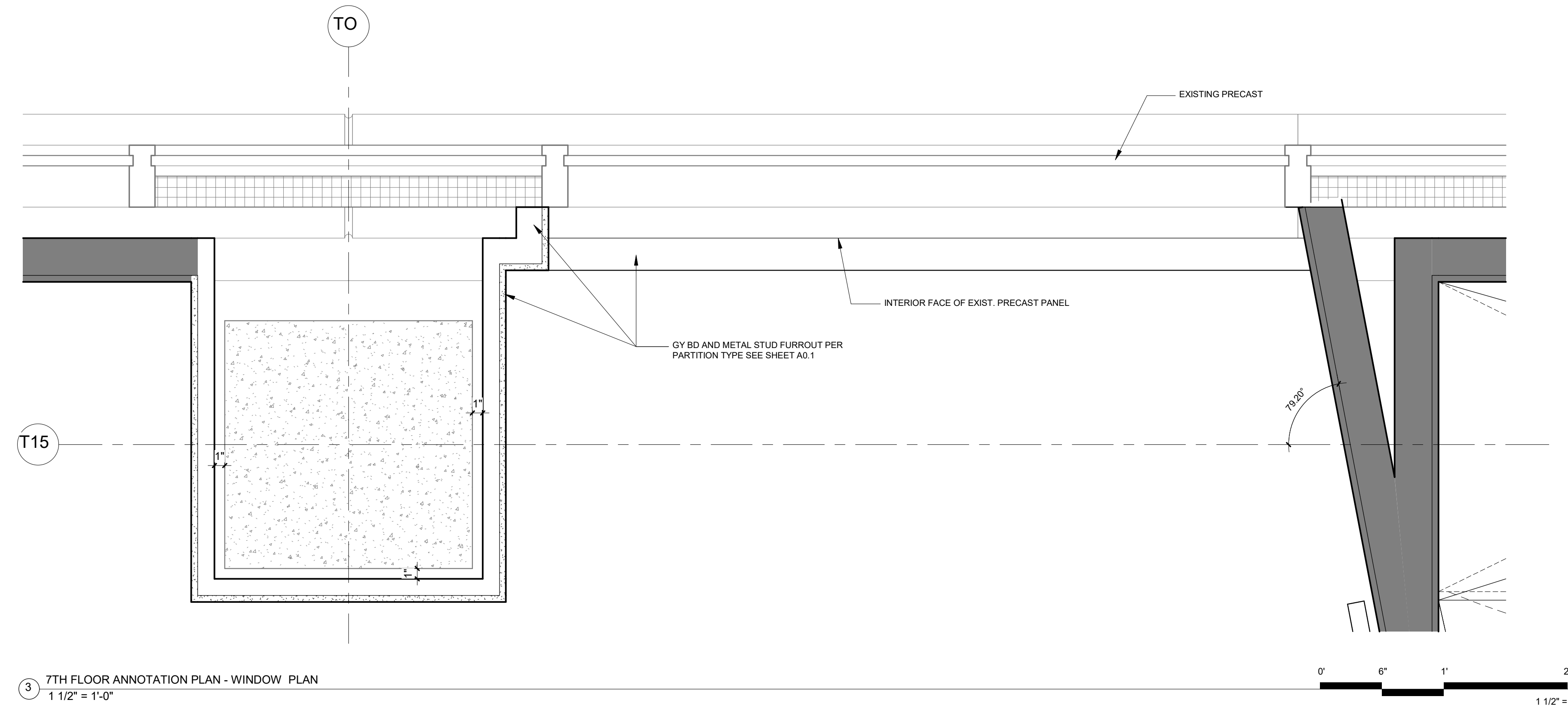
PROGRESS DRAWING
11/15/2024 10:55:21
PM
NOT FOR CONSTRUCTION

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 PLAN - ANNOTATIONS - AREA A



Floor No.: 7TH FLOOR
Sheet No.: **A1.2A**



Architect's Log:

No.	Date	Description

PROGRESS DRAWING
11/15/2024 10:55:24
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 PLAN - ANNOTATIONS - AREA B

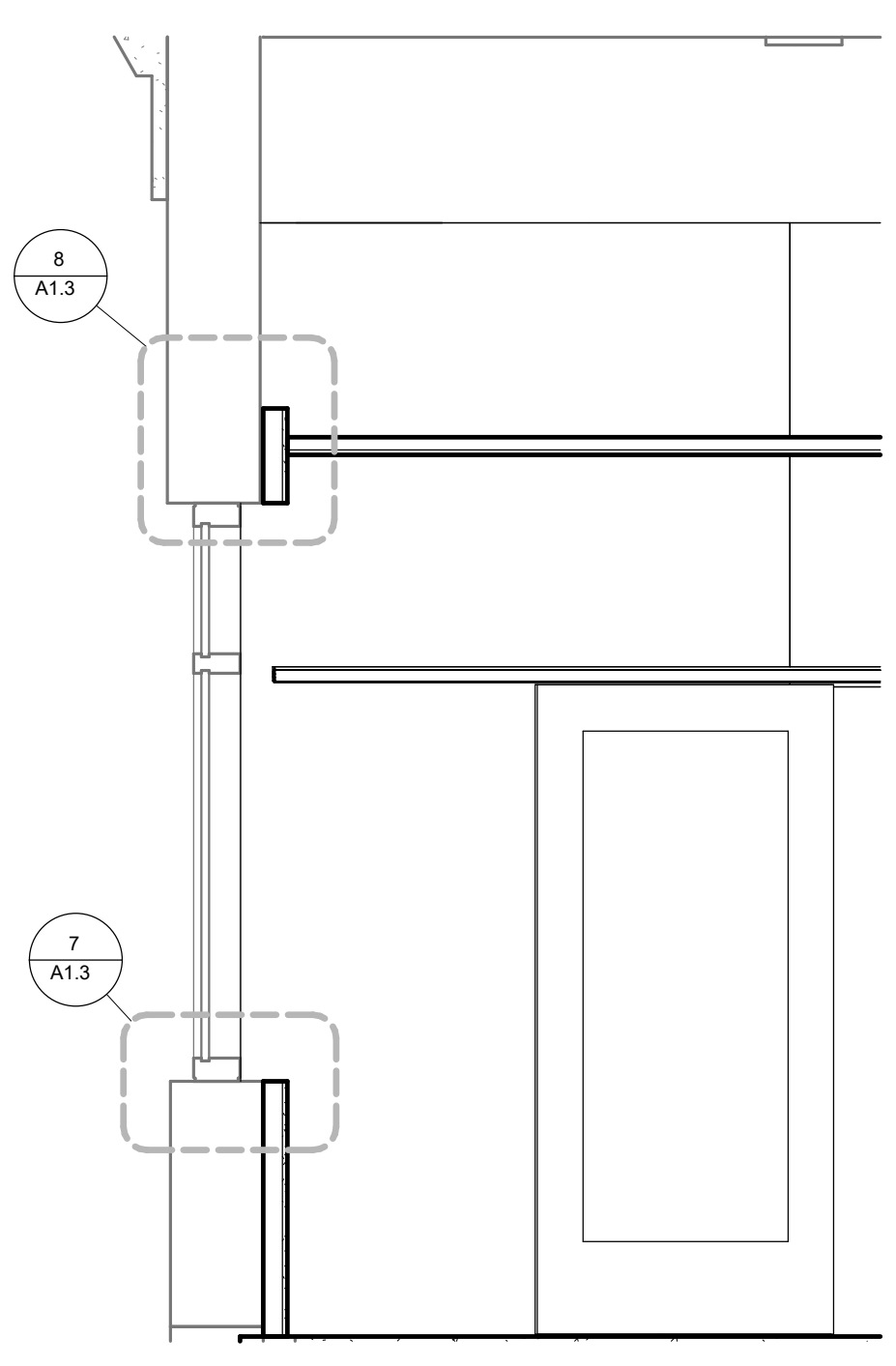
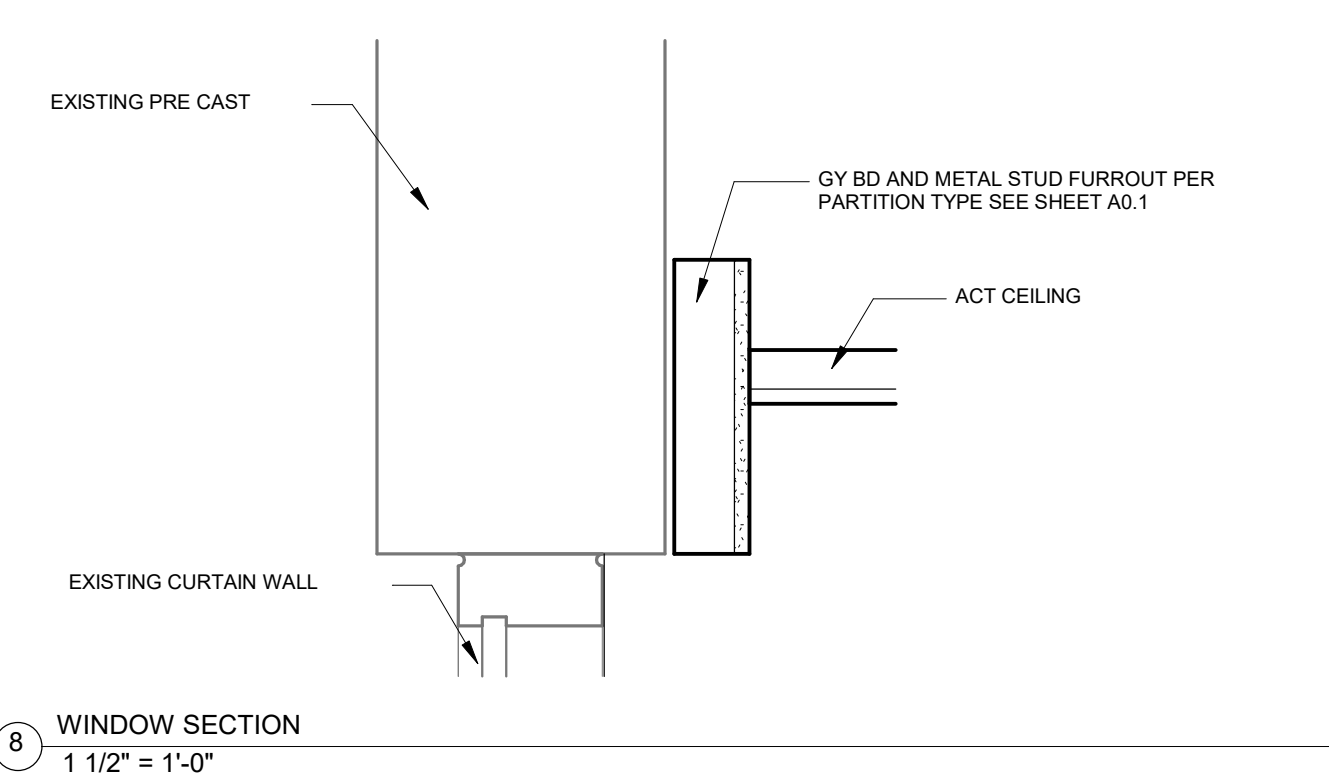
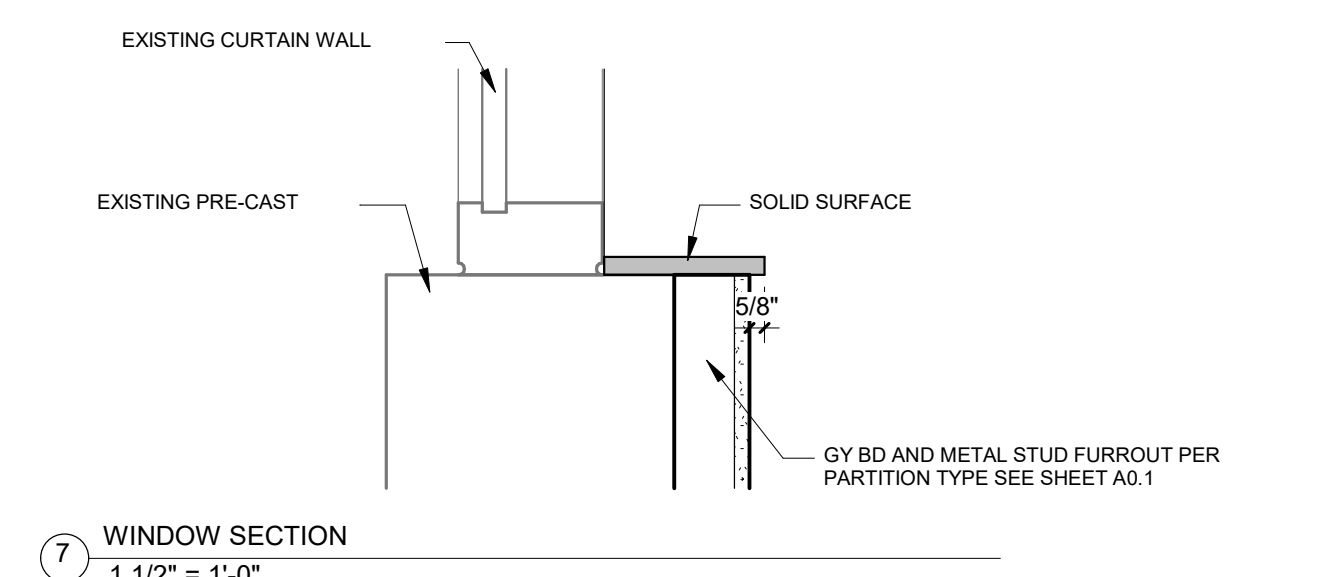
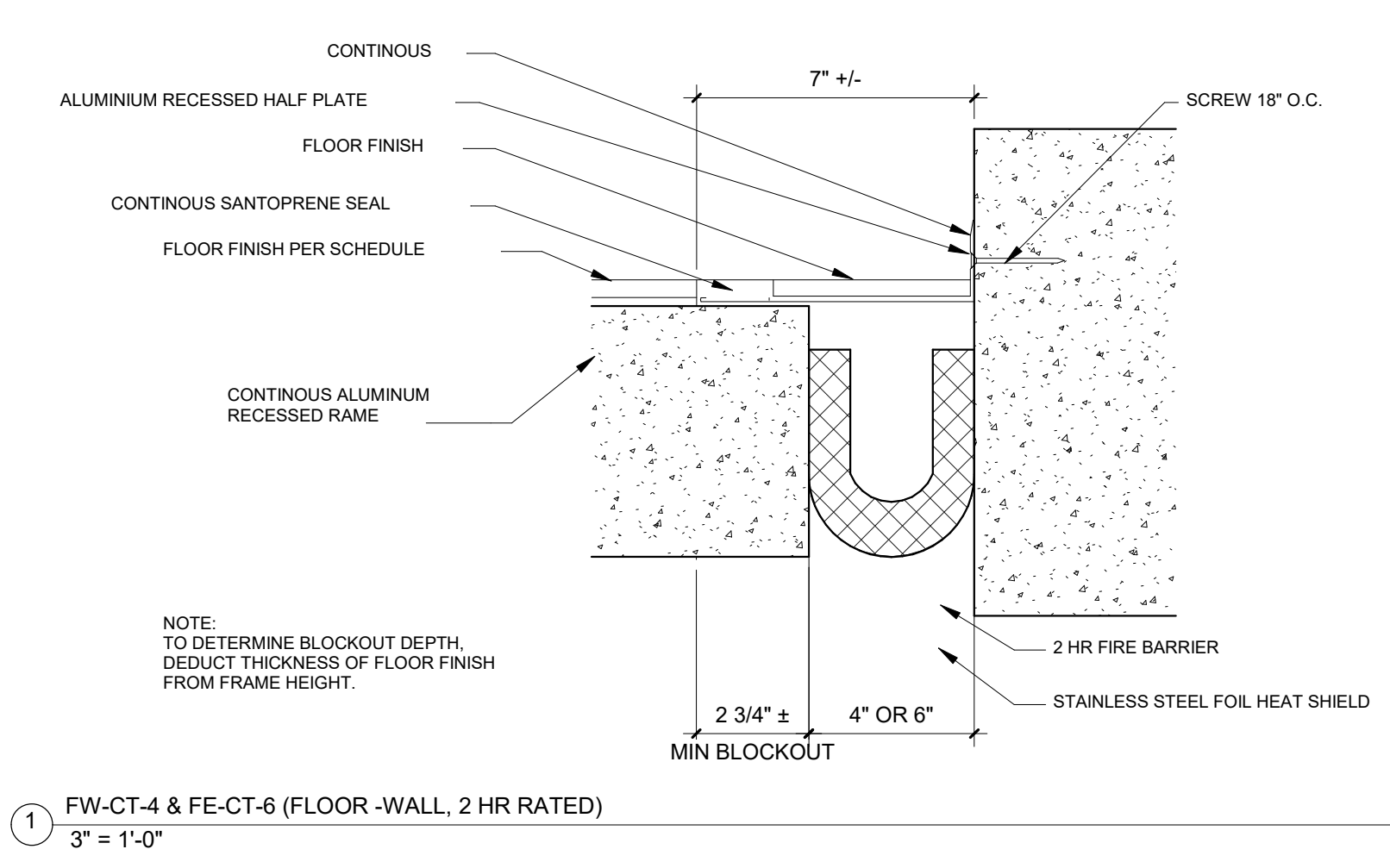
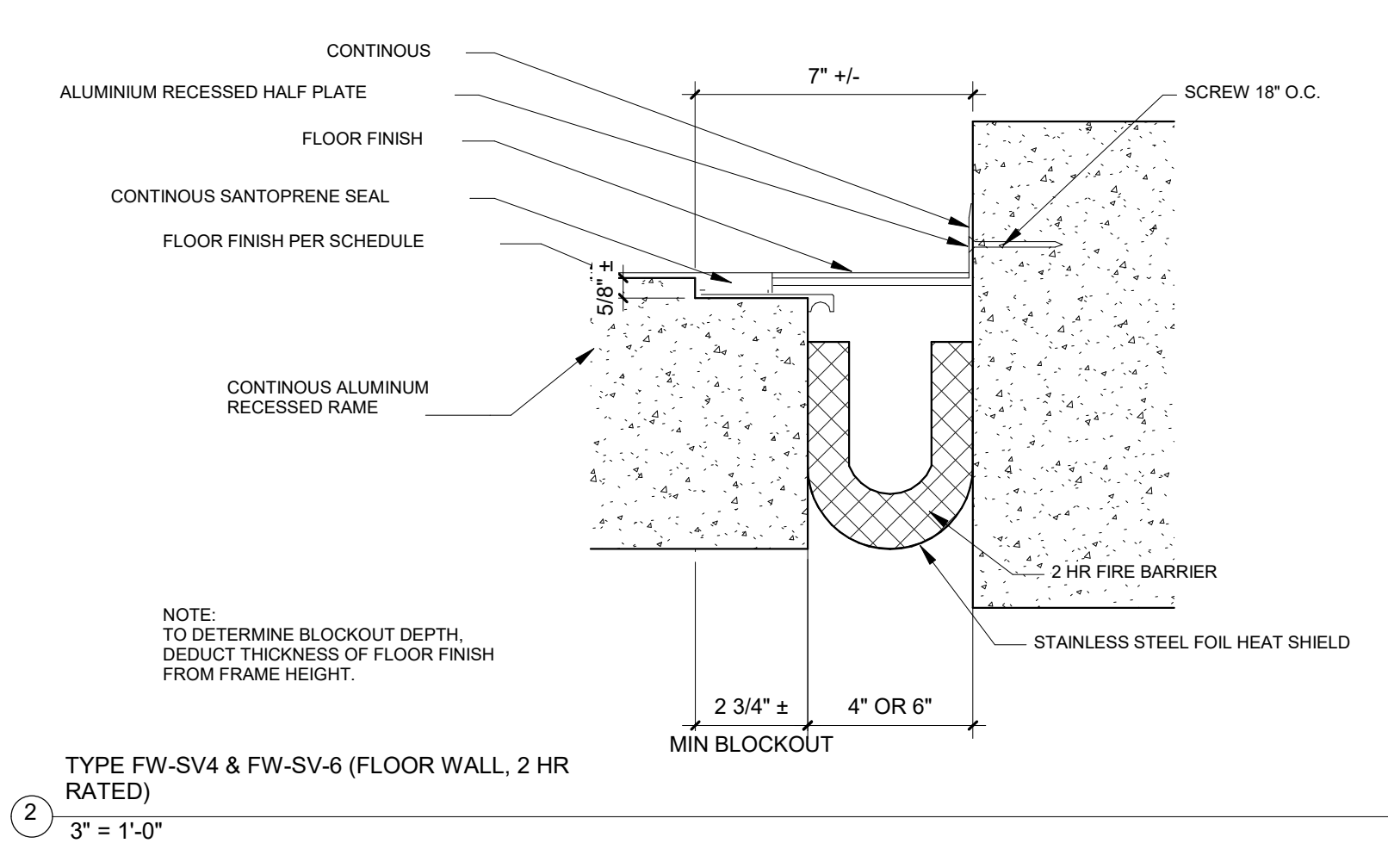
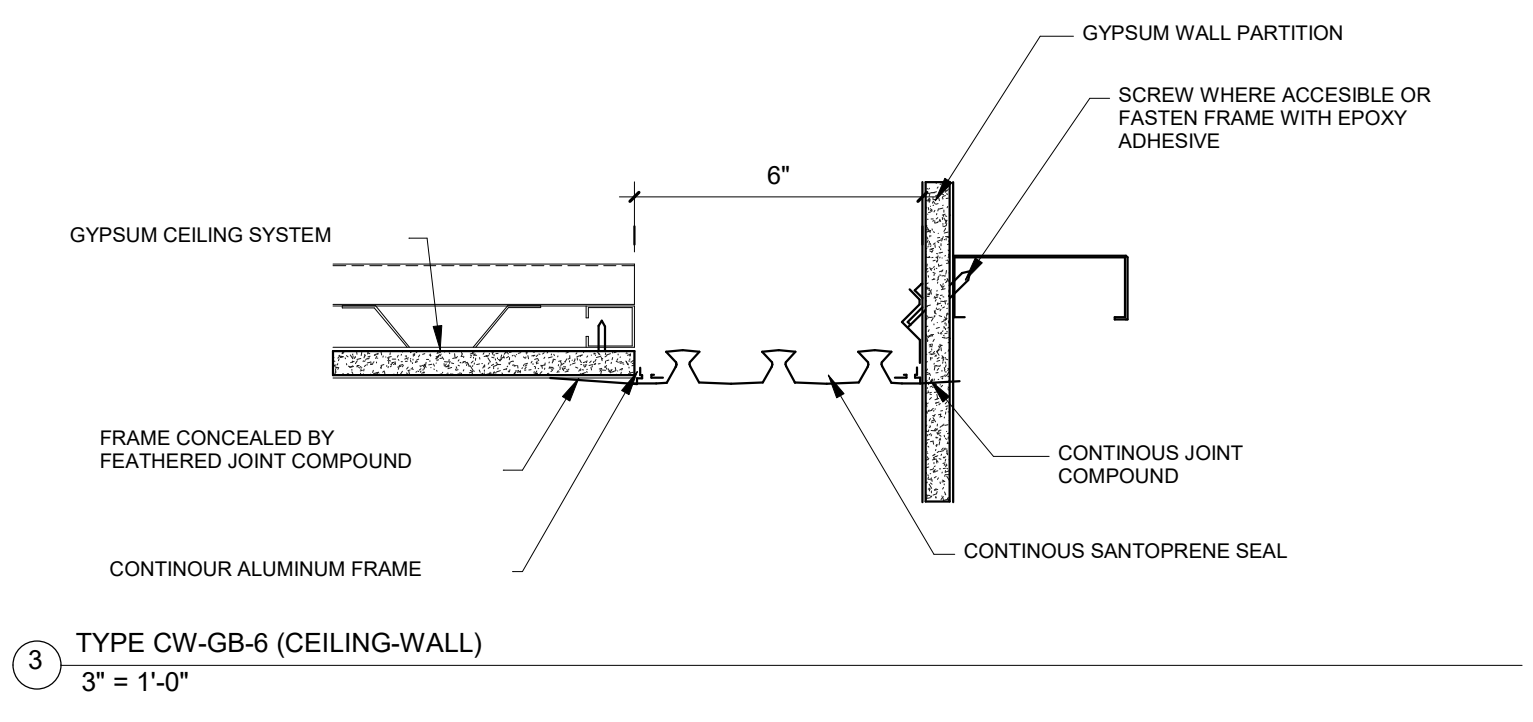
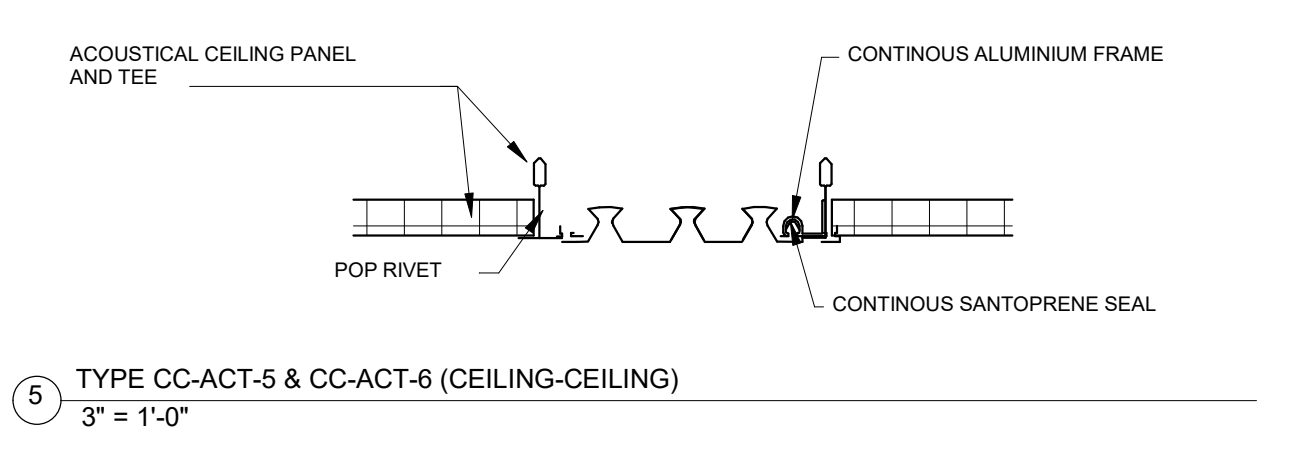
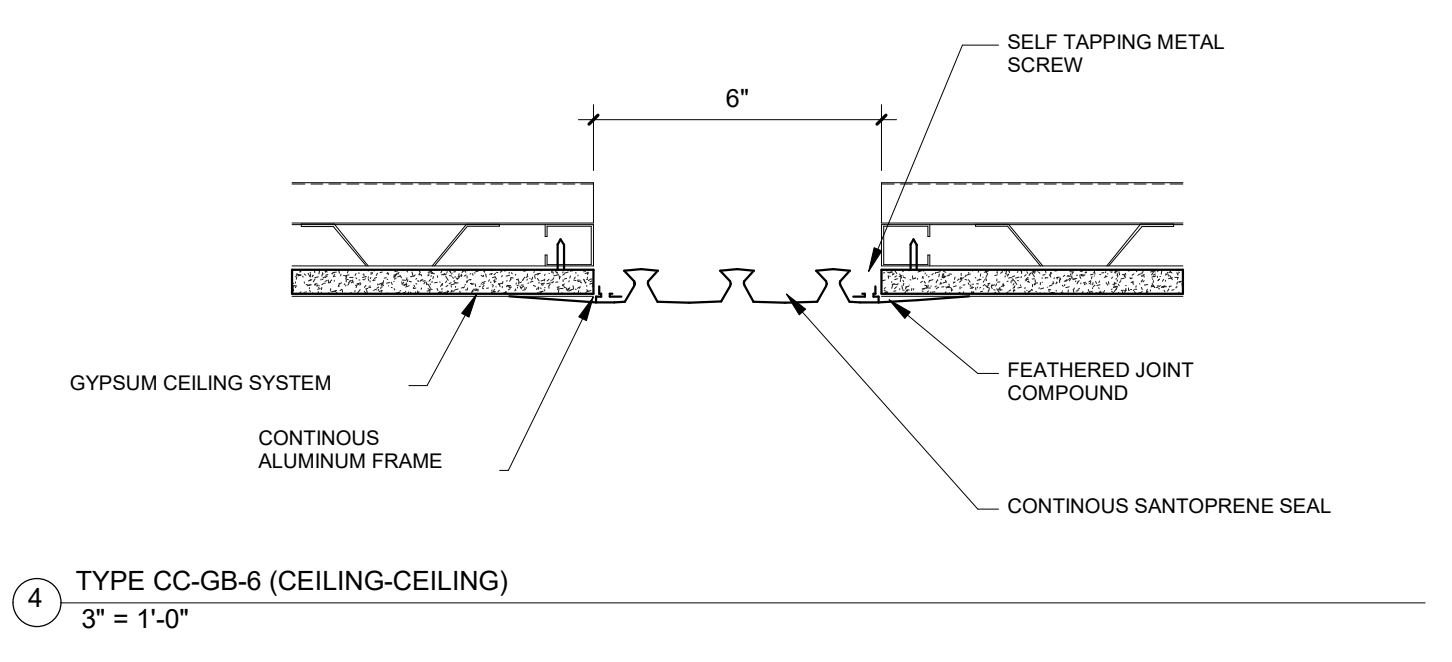


No.	Date	Description

PROGRESS DRAWING
11/15/2024 10:55:33
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
Sheet Name: PLAN AND SECTION DETAILS



8 WINDOW SECTION - TYP
1/2" = 1'-0"

PLAN NOTES - RCP

- EXISTING TRANSFER BOX TO REMAIN
- EXISTING 6" PNEUMATIC TUBE TO REMAIN
- NEW 6" PNEUMATIC TUBE UP TO 7TH FLOOR. REMOVE PORTION OF RATED WALL TO INSTALL TUBE. ONCE COMPLETE INSTALL RATED WALL BACK TO ORIGINAL CONDITION AND PROVIDE FIRE PROOFING AROUND NEW PIPE
- REMOVE EXISTING CEILING TO INSTALL NEW 6" PNEUMATIC TUBE. REPLACE CEILING TO LIKE NEW CONDITION AFTER INSTALLATION COMPLETE
- NEW TRANSFER BOX - PROVIDE DATA AND ELECTRICAL CONNECTIONS PER MANUFACTURER
- NEW 6" PNEUMATIC TUBE
- NEW 6" PNEUMATIC TUBE DOWN TO TUBE STATION
- FUTURE 6" PNEUMATIC TUBE
- NEW 6" PNEUMATIC TUBE DOWN TO 4TH FLOOR
- FUTURE 6" PNEUMATIC TUBE DOWN TO 6TH FLOOR
- MAINTAIN 2" CLEARANCE ON ONE SIDE OF TRANSFER BOX
- NEW 6" PNEUMATIC TUBE DOWN TO 5TH FLOOR
- FUTURE 6" PNEUMATIC TUBE DOWN TO 6TH FLOOR

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 BATTIS IN EXAM ROOMS, PROCEDURE ROOMS, CONFERENCE ROOMS, TOILET ROOMS, AND OFFICES UNLESS NOTED OTHERWISE
- REF. ELECTRICAL AND MECHANICAL DRAWINGS FOR DEVICES IN CEILING 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 SCHEDULE
- NOT ALL CEILING DETAILS MAY BE USED. REFER TO REFLECTED CEILING PLANS FOR LOCATIONS
- ROOM TAG DEPICTS CEILING MATERIAL/ FINISH. REFERENCE COLOR SCHEDULE KEY FOR FINISH INFORMATION

ROOM TAG

REF. COLOR SCHEDULE KEY
 FINISH CODE

CEILING MATERIAL KEY

ACOUSTICAL CEILING TILE

GYPSUM CEILING

SYMBOL LEGEND

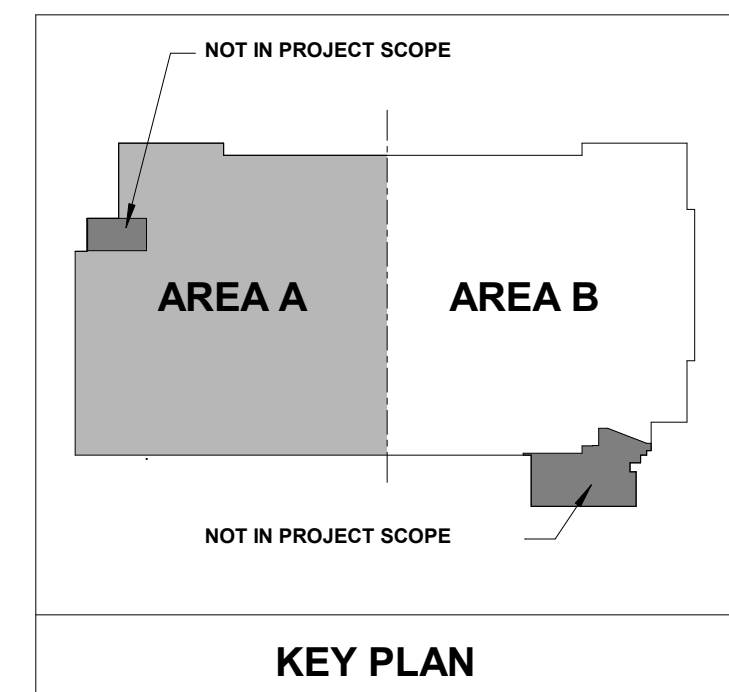
DOWNLIGHT

2x2 TROFFER

2x4 TROFFER

CEILING HEIGHT

NOTE: LIGHTING LAYOUT SHOWN IS BASED ON SIMILAR CLINIC LAYOUT IN COLUMBIA A TO SHOW DESIGN INTENT ONLY. THE LAYOUT MAY BE REVISED FOR SPECIFIC REQUIREMENTS FOR THIS PROJECT OR CHANGES TO THE STANDARD OPI THAT IS BEING MADE CONCURRENTLY WITH THIS PROJECT. REFER TO THE ELECTRICAL NARRATIVES FOR ADDITIONAL INFORMATION.



No.	Date	Description

PROGRESS DRAWING
 11/15/2024 10:55:48
 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



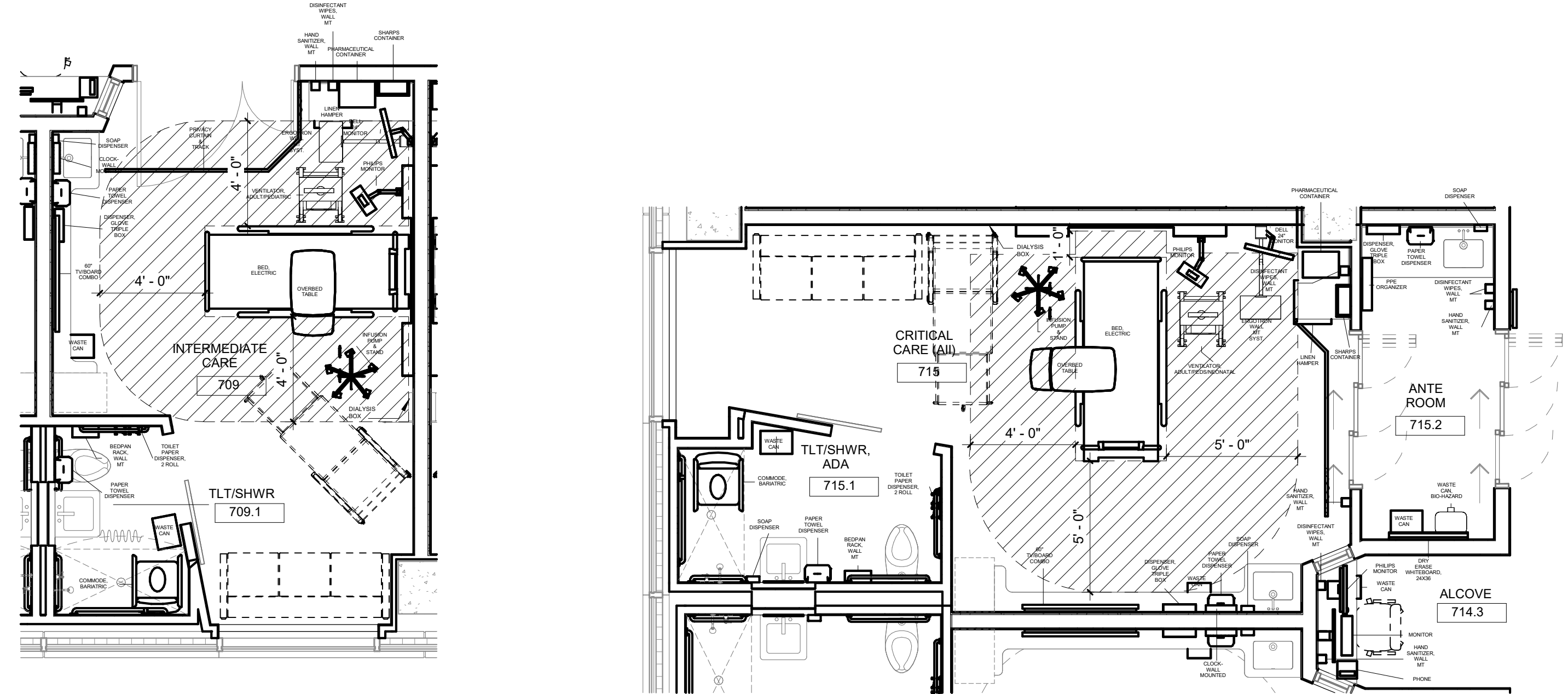
7TH FLOOR
 Sheet No. **A9.1B**

EQUIPMENT NUMBER	EQUIPMENT DESCRIPTION	PROVIDED BY	INSTALLED BY	REQUIREMENTS				NOTES
				ELEC.	DATA	MECH.	PLUMB.	
MTS019	50" TV	OWNER	CONTRACTOR	Yes	Yes			
MTS025	50" TV BOARD COMBO	OWNER	CONTRACTOR	Yes	Yes			PROVIDE BLOCKING AS REQUIRED.
EQ028	BABY CHANGING TABLE	OWNER	CONTRACTOR					
EQ179	BED, BARIATRIC, ELECTRIC	OWNER	OWNER	Yes				
EQ180	BED, ELECTRIC	OWNER	OWNER	Yes				
EQ181	BEDPAN RACK, WALL MT	OWNER	CONTRACTOR					
EQ184	CART/ TRUCK LINEN BULK	OWNER	OWNER					
EQ183	CART/ TRUCK SOLID UTILITY	OWNER	OWNER					
EQ189	CLOCK, WALL MOUNTED	OWNER	CONTRACTOR					
EQ035	COFFEE MAKER, AUTOMATIC	OWNER	OWNER	Yes			Yes	
EQ189	COMMODE, BARIATRIC	OWNER	OWNER					
EQ189	COMPUTER	OWNER	OWNER					
EQ189	COMPUTER CART	OWNER	OWNER	Yes				
EQ185	CUP DISPENSER, WALL MOUNTED	OWNER	CONTRACTOR					
EQ116	CYLINDER CART	OWNER	CONTRACTOR					
EQ068	DEFIBRILLATOR	OWNER	OWNER	Yes				
EQ189	DELL 24" MONITOR	OWNER	OWNER	Yes	Yes			
EQ191	DISINFECTANT WIPES, WALL MT	OWNER	CONTRACTOR					
EQ009	DISPENSER CLEANING SOLUTION, WALL MT	OWNER	CONTRACTOR	Yes				
EQ006	DISPENSER, GLOVE TRIPLE BOX	OWNER	CONTRACTOR					
EQ112	DRY ERASE WHITEBOARD, 24X36	OWNER	CONTRACTOR					
EQ113	DRY ERASE WHITEBOARD, 48X36	OWNER	CONTRACTOR					
EQ187	EGC CART	OWNER	OWNER	Yes				
EQ189	EMPLOYEE TIME CLOCK	OWNER	OWNER					
EQ189	ERGOTONK WALL MT SVST	OWNER	OWNER	Yes				
EQ011	FOODSERVICE CART, MOBILE	OWNER	OWNER	Yes				
EQ189	GRAB BARS	OWNER	CONTRACTOR					
EQ172	HAND SANITIZER, WALL MT	OWNER	OWNER					
EQ186	HAND SANITIZER, WALL MT	OWNER	CONTRACTOR					
EQ036	HOUSEKEEPING CART	OWNER	OWNER	Yes	Yes			
EQ140	ICE MACHINE DISPENSER, CTOP	OWNER	CONTRACTOR	Yes			Yes	
EQ182	INFUSION PUMP & STAND	OWNER	OWNER	Yes	Yes			
EQ177	LABEL PRINTER	OWNER	OWNER	Yes				
EQ083	LINEN HAMPER	OWNER	OWNER	No				
EQ175	LINEN SUPPLY CART, 60"	OWNER	OWNER					
EQ034	LOW PROFILE TV MOUNT, WALL	OWNER	CONTRACTOR	Yes				
EQ113	MIRROR, 18X36	OWNER	OWNER					
MTS001	MOBULAR SHELVING, MOBILE	OWNER	OWNER					
EQ059	MONITOR BRACKET, WALL	OWNER	CONTRACTOR					
EQ133B	MULTI FUNCTION PRINTER	OWNER	OWNER	Yes	Yes			
EQ133A	OWNICELL AUXILIARY	OWNER	OWNER	Yes	Yes			
EQ121	OWNICELL MEDICATION DISPENSER	OWNER	OWNER	Yes	Yes			
EQ002	OT/ DENTISTRY SCOPE SET, DESKTOP	OWNER	OWNER					
EQ189	OVERBED TABLE	OWNER	CONTRACTOR					
EQ189	PHARM WASTE DISPENSER	OWNER	CONTRACTOR	Yes				
EQ189	PATIENT LIFT, BATTERY POWERED	OWNER	OWNER	Yes				
EQ189	PATIENT LIFT, STAND ASSIST	OWNER	OWNER					
EQ186	PEG BOARD, STAINLESS STEEL	OWNER	CONTRACTOR					PROVIDE BLOCKING AS REQUIRED.
EQ178	PHARMACEUTICAL CONTAINER	OWNER	OWNER					
MTS018	PHILIPS MONITOR	OWNER	CONTRACTOR	Yes	Yes			
MTS017	PHILIPS MONITOR, 17" A.I.I	OWNER	OWNER	Yes	Yes			
MTS016	PHONE	OWNER	OWNER	Yes	Yes			
EQ188	PHONE, WALL MT	OWNER	CONTRACTOR					
EQ000	PNEUMATIC TUBE SYSTEM	OWNER	CONTRACTOR					
EQ000	PPE ORGANIZER	OWNER	CONTRACTOR					
MTS014	PRIVACY CURTAIN & TRACK	OWNER	CONTRACTOR					
EQ033	PSYCHOLOGIC VITAL SIGNS MONITOR WITH STAND	OWNER	OWNER	Yes				
EQ120	REFRIGERATOR WITH FREEZER	OWNER	OWNER	Yes				
EQ194	RESUSCITATION CART (CRASH CART)	OWNER	OWNER	Yes				
EQ186	RT REFRIGERATOR	OWNER	OWNER	Yes				
EQ100	SCALE, DIGITAL, FLOOR	OWNER	CONTRACTOR					
EQ185	SHARPS CONTAINER	OWNER	OWNER					
EQ185	SHARPS DISPOSAL, FLOOR CART	OWNER	OWNER					
EQ185	SHELF, SS, BOBRICK B-29018	OWNER	OWNER					
EQ185	SHELF, SS, BOBRICK B-29024	OWNER	OWNER					
EQ185	SHELVING MODULAR STORAGE, WALL MT	OWNER	CONTRACTOR					
EQ185	SHREDDING BIN	OWNER	OWNER					
EQ189	SOAP DISPENSER	OWNER	OWNER					
EQ189	SPRINKLERMANOMETER, MOBILE	OWNER	OWNER					
EQ170	STEP STOOL WITH HANDRAIL	OWNER	OWNER	Yes				
EQ188	STRETCHER PROCEDURE/RECOVERY	OWNER	OWNER	Yes				
EQ069	SUCTION PUMP, PORTABLE	OWNER	OWNER	Yes				
EQ027	TILET PAPER DISPENSER, 2 ROLL	OWNER	CONTRACTOR					
EQ041	ULC REFRIGERATOR	OWNER	OWNER	Yes	Yes		No	
EQ171	ULTRASOUND, MULTIPURPOSE	OWNER	OWNER	Yes	Yes			
EQ087	URINOLOGY ULTRASOUND, MOBILE	OWNER	OWNER	Yes				
EQ191	UTILITY CART, STAINLESS	OWNER	OWNER	Yes				
EQ191	VENDING MACHINE, DRINK	OWNER	OWNER	Yes				
EQ191	VENDING MACHINE, FOOD	OWNER	OWNER	Yes				
EQ180	VENTILATOR, ADULT/PREDS/NEONATAL	OWNER	OWNER	Yes				
EQ182	VENTILATOR, TRANSPORT	OWNER	OWNER	Yes				
EQ176	WALL MT COMPUTER	OWNER	CONTRACTOR	Yes	Yes			
EQ043	WARMING CABINET, DUAL	OWNER	OWNER					
EQ186	WASTE CAN, 40 GAL	OWNER	OWNER					
EQ187	WASTE CAN, BIO 55 GAL	OWNER	OWNER					
EQ018	WASTE CAN, BIOHAZARD	OWNER	OWNER					
EQ119	WASTE CAN, SWING TOP	OWNER	OWNER					
EQ053	WHEELCHAIR, ADULT, LARGE	OWNER	OWNER					
EQ115	WIRE SHELVING, MOBILE, 24X30	OWNER	OWNER					

FURNISHINGS SYMBOLS LEGEND

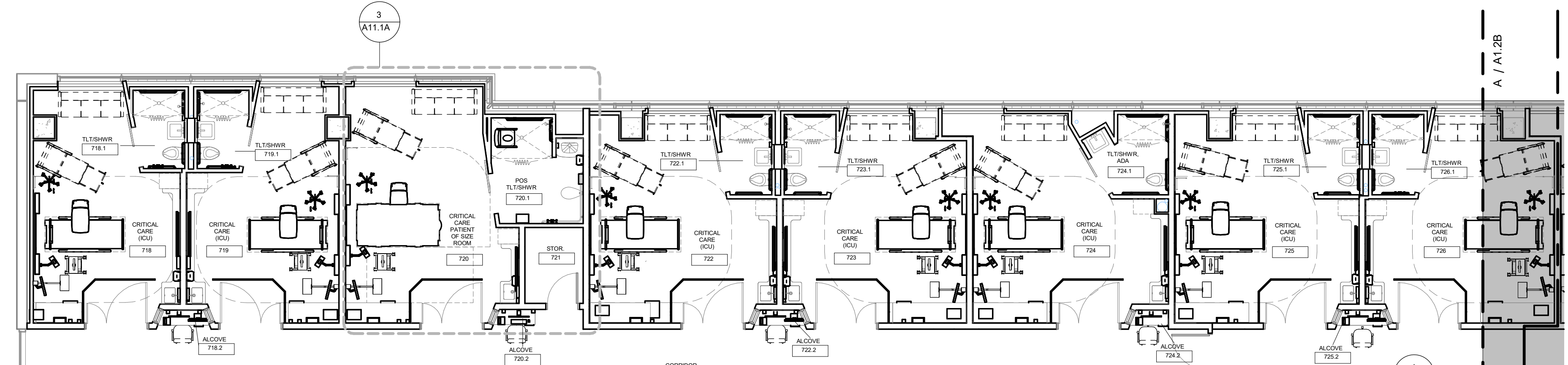
FURNISHINGS & EQUIPMENT NOTES

- FURNISHINGS AS INDICATED BY DASHED LINES
- FURNISHINGS ARE PROVIDED BY OWNER - INSTALLED BY OWNER UNLESS NOTED OTHERWISE
- CONTRACTOR TO PROVIDE POWER DATA FOR OWNER PROVIDED EQUIPMENT LIST EVEN IF NOT SHOWN ON PLAN
- HALF-TONES OBJECTS INDICATE THAT THEY ARE EXISTING
- REFERENCE OWNER MILLWORK STANDARDS FOR CASEWORK SECTIONS
- COORDINATE ELECTRICAL CONNECTIONS WITH E/E AND NOTIFY ARCHITECT OF DISCREPANCIES
- ALL WALL MOUNTED EQUIPMENT TO BE SUPPORTED WITH FIRE TREATED BLOCKING AS REQUIRED
- NOTE THAT NOT ALL WALL MOUNTED EQUIPMENT WILL BE ELEVATED, REF. EQUIPMENT PLANS AND ENLARGED PLANS
- CONTRACTOR TO SCHEDULE AND NOTIFY ARCHITECT, OWNER, USER GROUPS, AND ASSOCIATED CONTRACTORS (E.G. BOB WALKER) IN ADVANCE ALL NEW LOW VOLTAGE AND WIRING PROVIDED BY THEM REPRESENTATIVE MUST BE TO REVIEW THE ROOM LAYOUT AND DEVICE LOCATIONS OF EACH TYPICAL SPACE. THE DEVICE LOCATIONS SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION. COORDINATE ALL SPACES, PERMITS, OR OTHER CONTRACTOR TO BE EXTEND TO THE END DEVICE. ANY ADJUSTMENTS RECOMMENDED AND APPROVED BY THE A/E AND OWNER TEAM AND INSTALLED PER THE DOCUMENTATION SHARED WITH THE OWNER ARE RESPONSIBILITY INDICATED ON EQUIPMENT SCHEDULE
- EQUIPMENT RESPONSIBILITY INDICATED ON EQUIPMENT SCHEDULE
- FINAL POWER AND DATA TO BE COORDINATED WITH FURNITURE LAYOUT FROM OWNERS FURNITURE VENDORS
- OWNER PROVIDED FURNITURE SHOWN FOR SPACE PLANNING PURPOSES ONLY. FINAL LAYOUT IS DETERMINED WITH OWNERS FURNITURE VENDORS
- ENSURE WALL MOUNTED SANITIZER IS LOCATED 4' AWAY FROM SWITCHES AND OUTLETS.

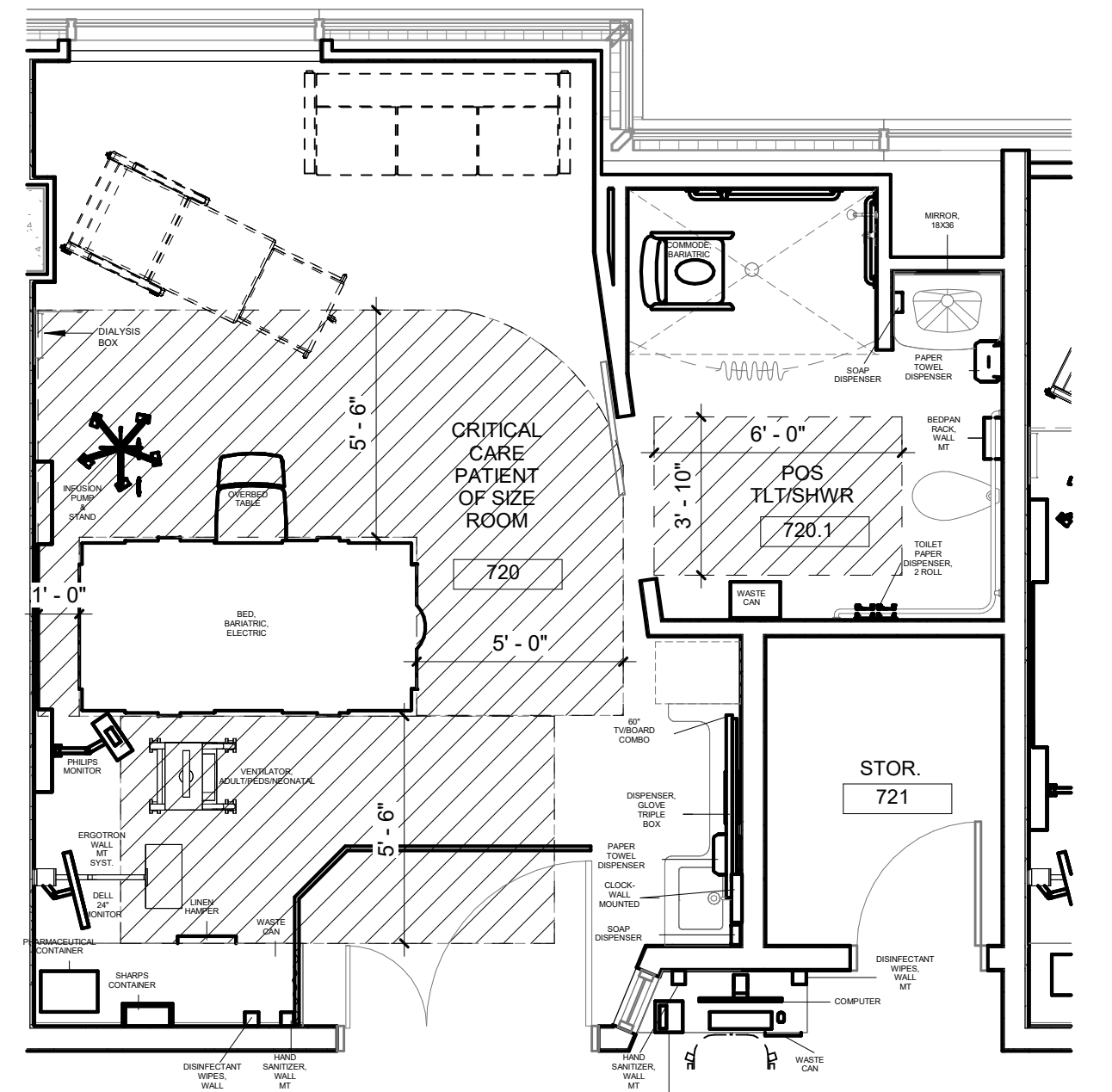


7TH FLOOR EQUIPMENT INTERMEDIATE CARE ROOM 709
1/4" = 1'-0"

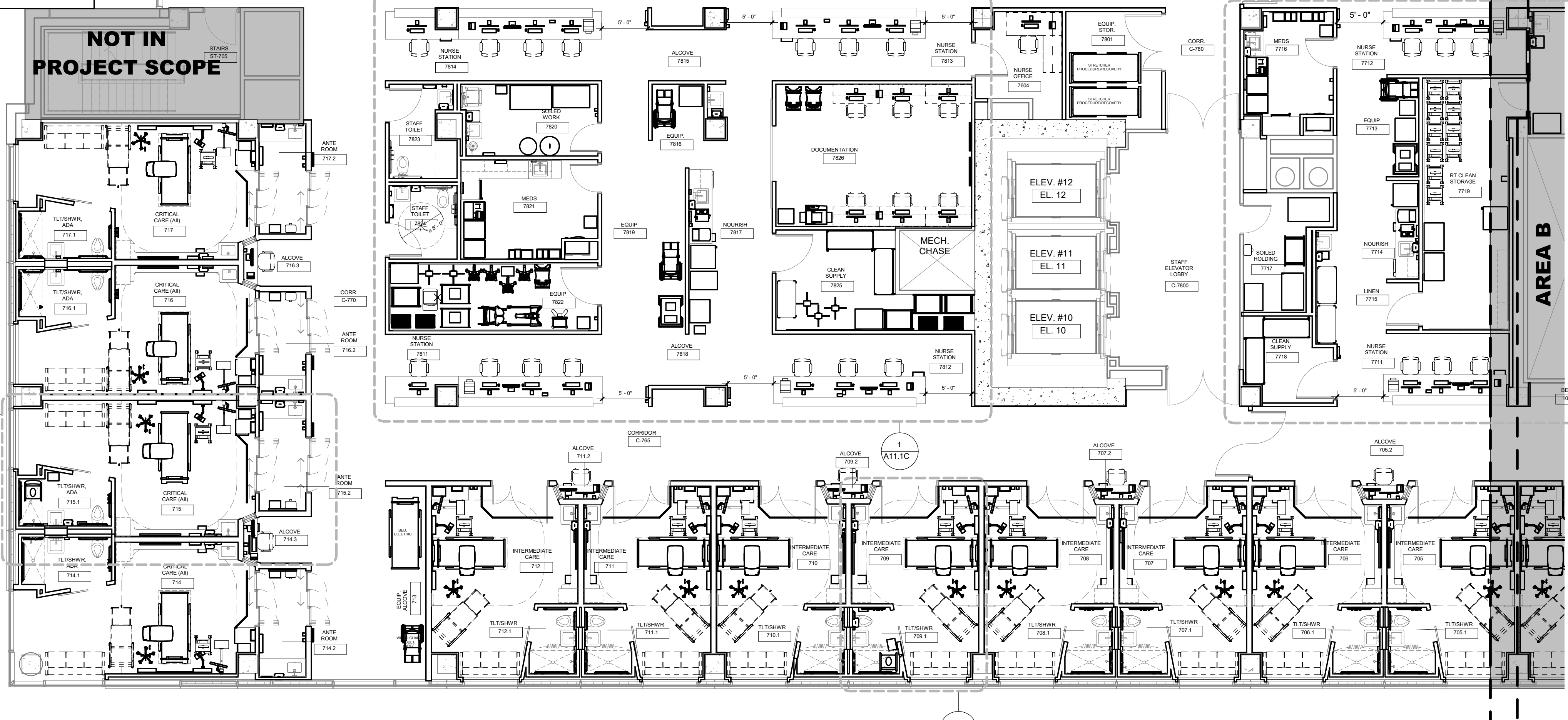
7TH FLOOR EQUIPMENT CRITICAL CARE AII ANTE ROOM 715
1/4" = 1'-0"



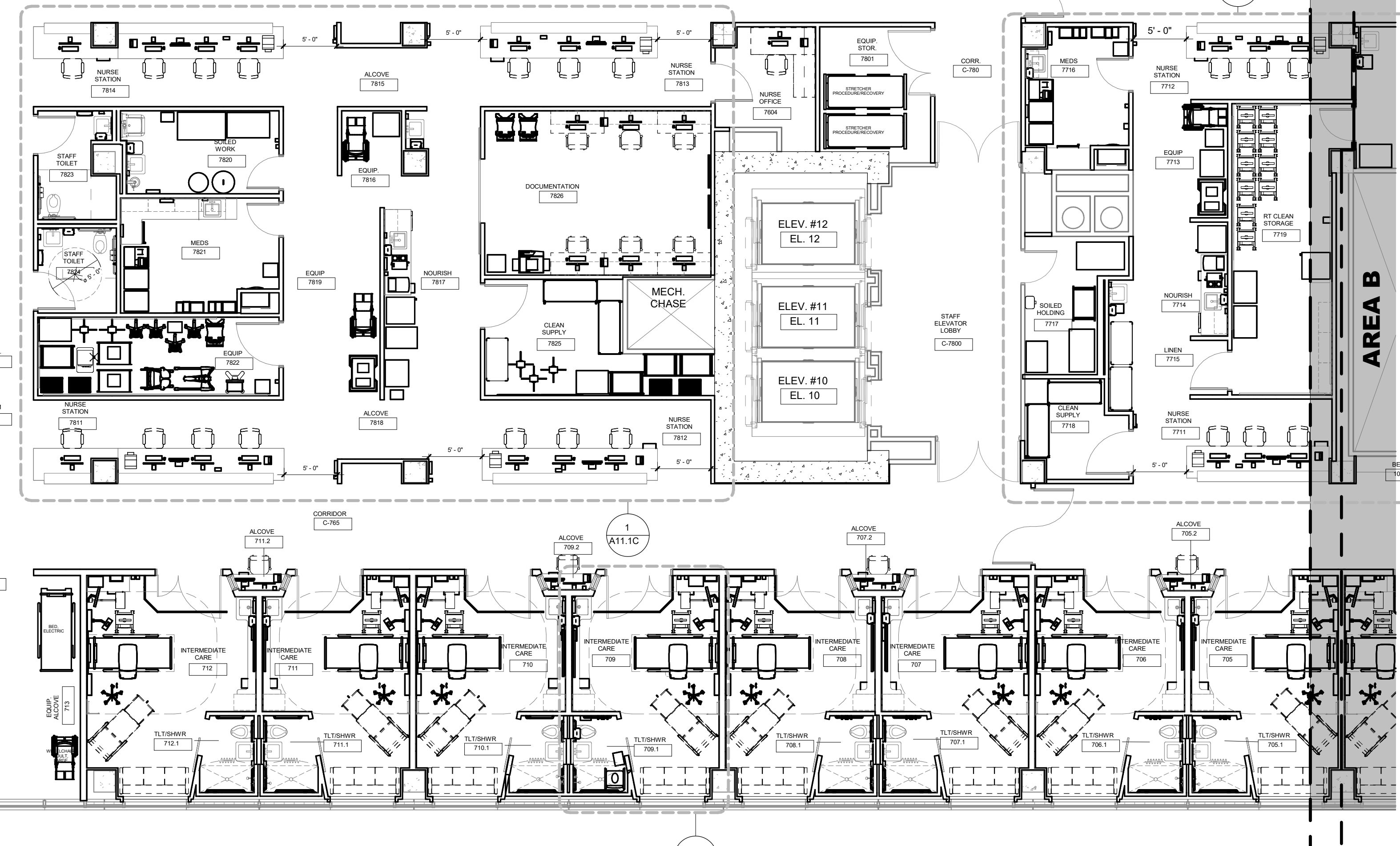
7TH FLOOR EQUIPMENT INTERMEDIATE CARE ROOM 709
1/4" = 1'-0"



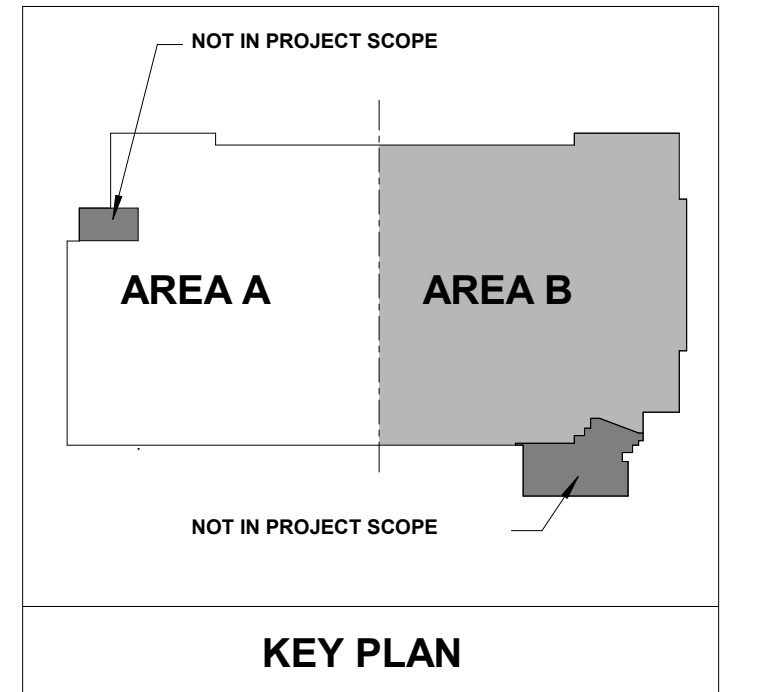
7TH FLOOR EQUIPMENT PATIENT OF SIZE ROOM 720
1/4" = 1'-0"



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



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



No.	Date	Description

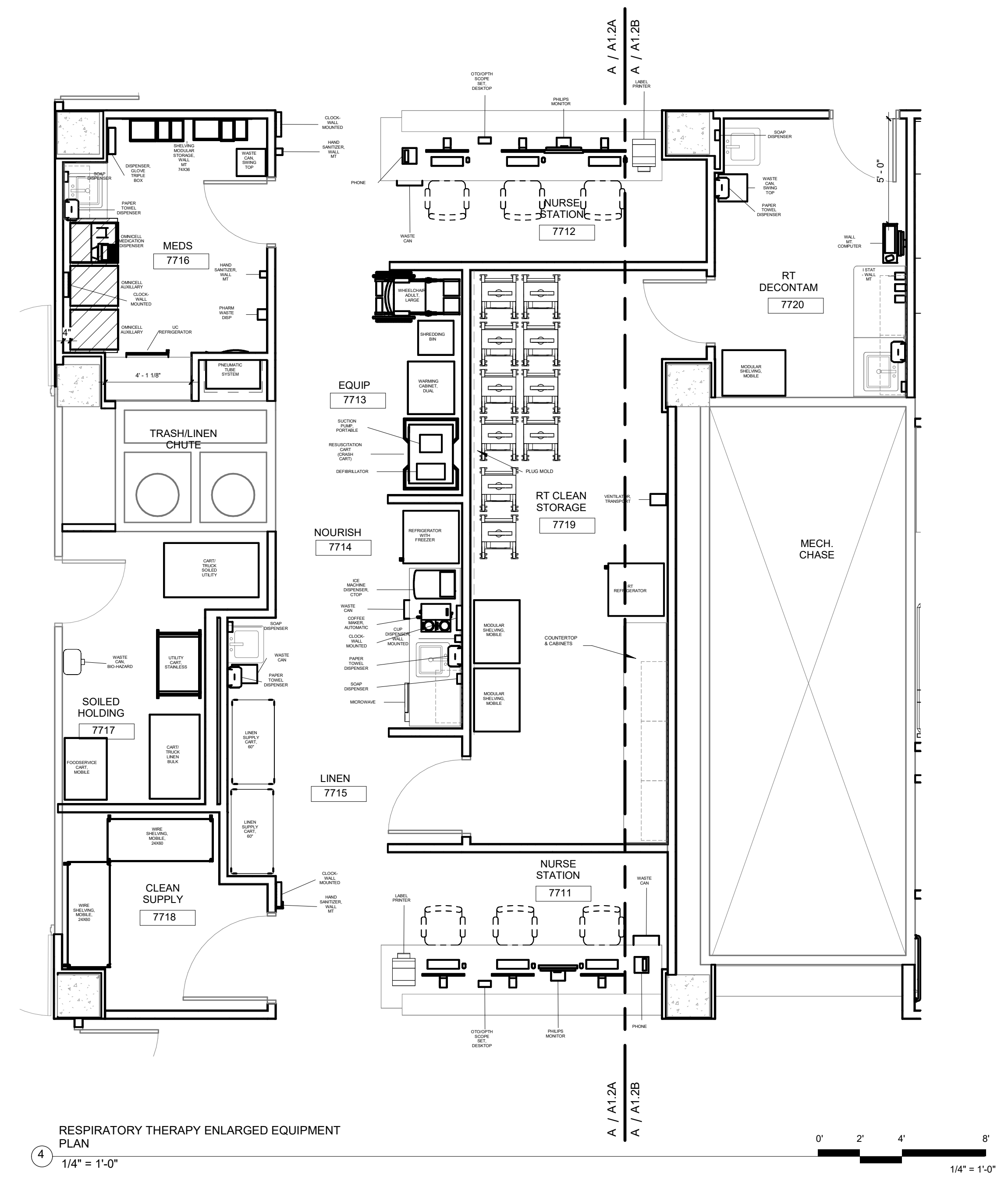
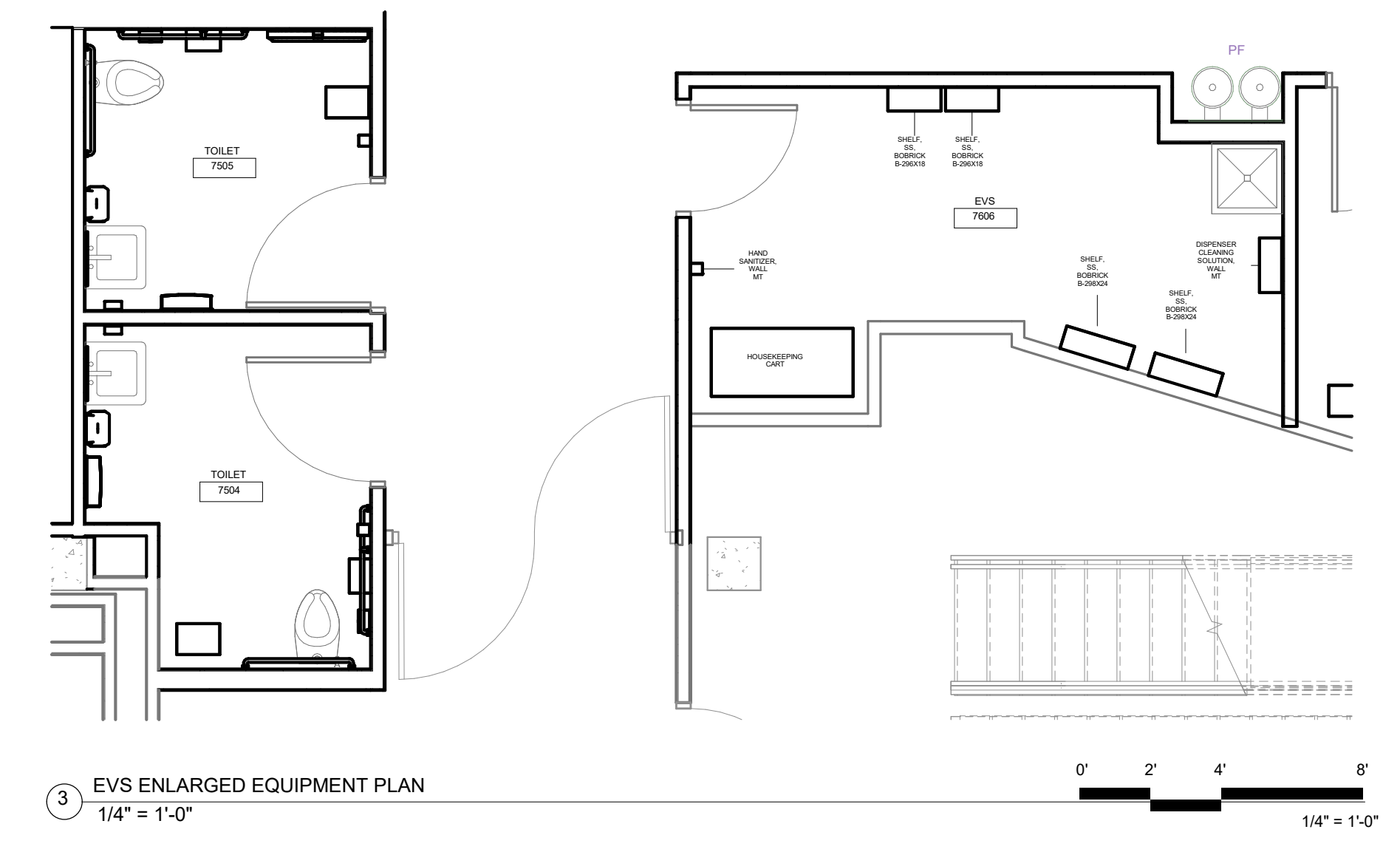
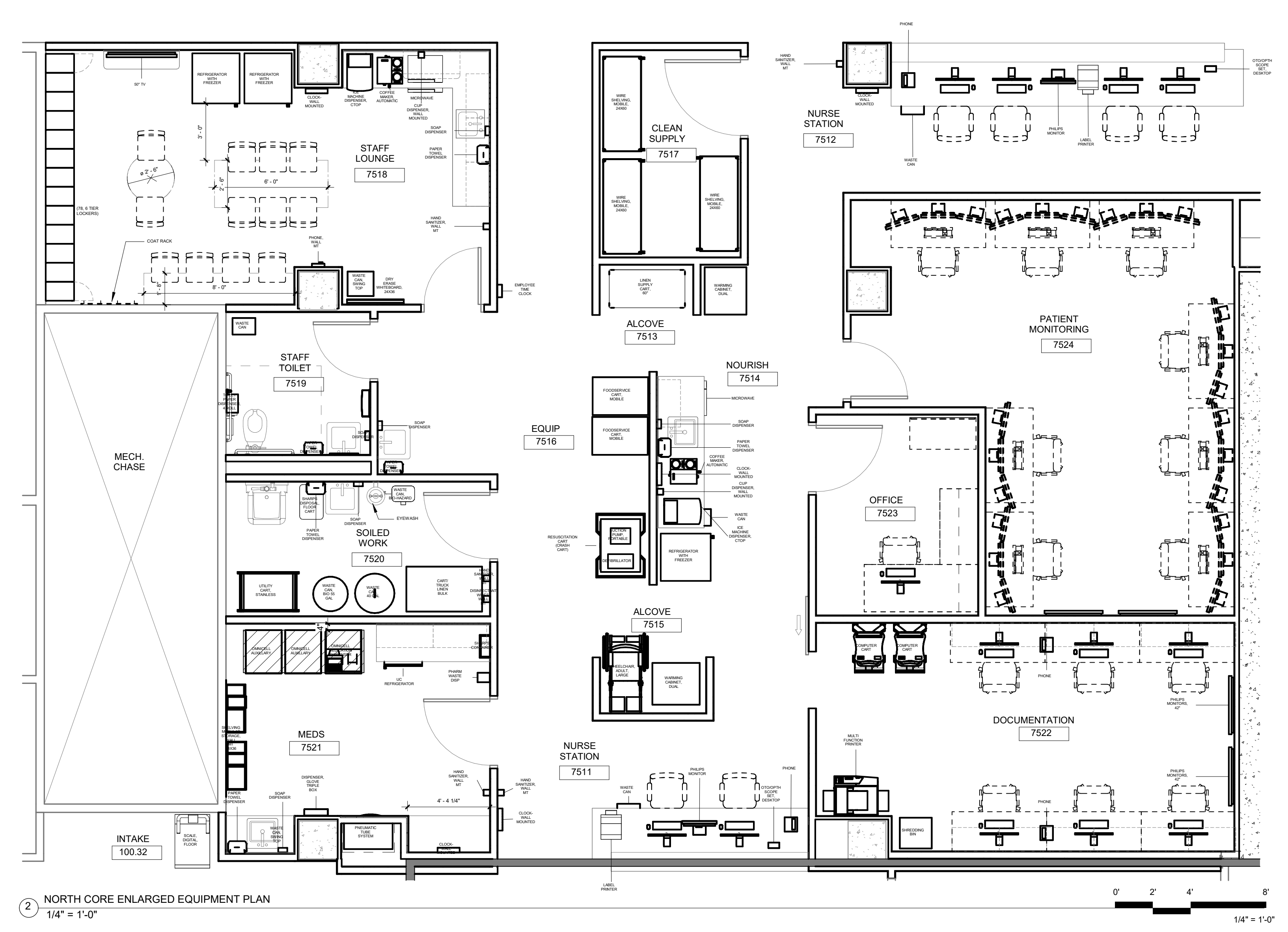
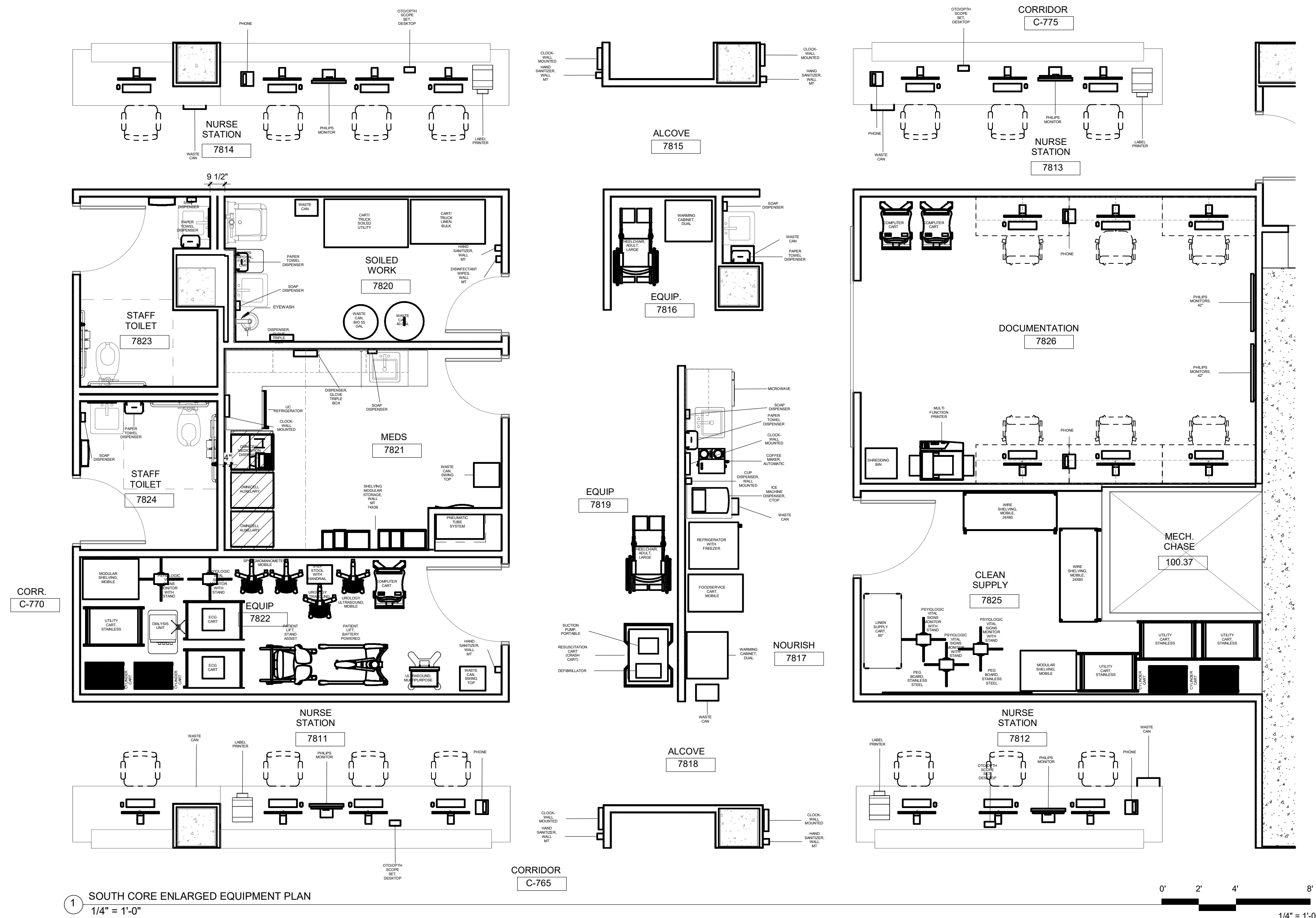
PROGRESS DRAWING
11/15/2024 10:59:58
PM NOT FOR CONSTRUCTION

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
Sheet No.: **A11.1A**



Architect Log:

No.	Date	Description

PROGRESS DRAWING
11/15/2024 10:55:14
PM
NOT FOR CONSTRUCTION

Proj. 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
Sheet Name: 7TH FLOOR ENLARGED EQUIPMENT PLANS



MECHANICAL ABBREVIATIONS

Table of mechanical abbreviations including: Ø ROUND DIAMETER, ABV ABOVE, AC AIR CONDITIONING, ADD ADDENDUM, AFF ABOVE FINISHED FLOOR, AFMS AIRFLOW MEASURING STATION, AFUE ANNUAL FUEL UTILIZATION EFFICIENCY, ALT ALTERNATE, ARCH ARCHITECT/ARCHITECTURAL, BFF BELOW FINISHED FLOOR, BFG BELOW FINISHED GRADE, BLW BELOW, BOD BOTTOM OF DUCT ELEVATION ABOVE FLOOR, BOP BOTTOM OF PIPE ELEVATION ABOVE FLOOR, BOS BOTTOM OF STEEL, BTU BRITISH THERMAL UNITS, BTUH BRITISH THERMAL UNITS PER HOUR, CAP CAPACITY, CFM CUBIC FEET PER MINUTE, CI CAST IRON, CLG CEILING, COP COEFFICIENT OF PERFORMANCE, CV CONSTANT AIR VOLUME, DB DECIBELS, DB DRY BULB TEMPERATURE, DIA DIAMETER, DEMO DEMOLISH, DN DOWN, DP DIFFERENTIAL PRESSURE, (E) EXISTING COMPONENT DESIGNATION, EA EACH, EAT ENTERING AIR TEMPERATURE, EC ELECTRICAL CONTRACTOR, ELEC ELECTRICAL, ETR EXISTING TO REMAIN, EQUIP EQUIPMENT, EWT ENTERING WATER TEMPERATURE, °F DEGREES FAHRENHEIT, FDC FIRE DEPARTMENT CONNECTION, FHC FIRE HOSE CABINET, FLOOR FLOOR, FL FLOW LINE, FOG FUEL OIL GAUGE, FOV FUEL OIL VENT, FPM FEET PER MINUTE, FT FOOT/FEET, GAL GALLON, GC GENERAL CONTRACTOR, GPM GALLONS PER MINUTE, HP HORSE POWER, HR HOSE REEL, HTG HEATING, IN INCH, INV INVERT, LB/# POUND, LBHR POUNDS PER HOUR, LAT LEAVING AIR TEMPERATURE, LWT LEAVING WATER TEMPERATURE, LAT MIXED AIR TEMPERATURE, MAX MAXIMUM, MBH ONE THOUSAND BTU PER HOUR, MC MECHANICAL CONTRACTOR, MECH MECHANICAL, MFR MANUFACTURER, MIN MINIMUM, MISC MISCELLANEOUS, MTR MOTOR, NCR NOISE CRITERIA RATING, NC NORMALLY CLOSED, NO NORMALLY OPEN, NTS NOT TO SCALE, OBD OPPOSED BLADE DAMPER, PC PLUMBING CONTRACTOR, PD PRESSURE DROP, PIV POST INDICATOR VALVE, PLBG PLUMBING, PRESS PRESSURE, PVC POLYVINYL CHLORIDE PIPE, PSI POUNDS PER SQUARE INCH, PSIG POUNDS PER SQUARE INCH GAUGE, PWR POWER, (R) RELOCATED COMPONENT DESIGNATION, RH RELATIVE HUMIDITY, RM ROOM, RPM REVOLUTIONS PER MINUTE, SF SQUARE FOOT, STP STATIC PRESSURE, STM STEAM, TCC TEMPERATURE CONTROL CONTRACTOR, TOP TOP OF DUCT ELEVATION ABOVE FLOOR, TOP TOP OF PIPE ELEVATION ABOVE FLOOR, TEMP TEMPERATURE, TYP TYPICAL, UG UNDERGROUND, VAV VARIABLE AIR VOLUME, VVT VARIABLE VOLUME AND TEMPERATURE, VTR VITRIFIED CLAY PIPE, VENT VENTILATION, VFD VARIABLE FREQUENCY DRIVE, VTR VENT THROUGH ROOF, VTB WET BULB TEMPERATURE, WBT WET BULB TEMPERATURE

COMPONENT ABBREVIATIONS

Table of component abbreviations including: AC# AIR CONDITIONING UNIT, AD# AREA DRAIN, AHU# AIR HANDLING UNIT, AS# AIR SEPARATOR, B# BOILER, BF# BOTTLE FILLER, BT# BATH TUB, CH# CHILLER, CRAC# COMPUTER ROOM AIR CONDITIONING UNIT, CT# COOLING TOWER, CU# AIR COOLED CONDENSING UNIT, CUH# CABINET UNIT HEATER, CWP# CHILLED WATER PUMP, CWP# CHILLED WATER PRIMARY PUMP, CWP# CHILLED WATER SECONDARY PUMP, DWP# DOMESTIC WATER BOOSTER PUMP, DF# DRINKING FOUNTAIN / WATER COOLER, DHP# DOMESTIC HOT WATER CIRCULATING PUMP, EE# EMERGENCY EYE WASH, EF# EXHAUST FAN, EDH# ELECTRIC DUCT HEATER, ES# EMERGENCY SHOWER, ET# EXPANSION TANK, F# FURNACE, FCO FLOOR CLEANOUT, FCU# FAN COIL UNIT, FD# FLOOR DRAIN, FS# FLOOR SINK, FTU# FAN POWERED TERMINAL UNIT, FP# FIRE PUMP, FTR# FIN TUBE RADIATOR, GI# GREASE INTERCEPTOR, H# HUMIDIFIER, HB# HOSE BIBB, HWP# HEATING WATER PUMP, HWP# HEATING WATER PRIMARY PUMP, HRU# HEAT RECOVERY UNIT, I# INDOOR UNIT, L# LOUVER, LV# LAVATORY, MAU# MAKE-UP AIR UNIT, MB# MOP BASIN, MSS# MINI SPLIT SYSTEM, ORD OVERFLOW ROOF DRAIN, OU# OUTDOOR UNIT, PRV PRESSURE REDUCING VALVE, RCP# RADIANT CEILING PANEL, RD# ROOF DRAIN, RR# RETURN/RELIEF FAN, RH# ROOF HOOD, RHD# ROOF HYDRANT, RTU# ROOFTOP UNIT, SF# SUPPLY AIR FAN, SH# SHOWER, SK# SINK, SUMP PUMP, ST# STEAM TRAP, TD TRENCH DRAIN, TMV# THERMOSTATIC MIXING VALVE, TU# TERMINAL UNIT, UH# UNIT HEATER, UR# URINAL, UV# ULTRAVIOLET STERILE CONDITIONER, WB# WALL BOX (PLUMBING UTILITY), WC# WATER CLOSET, WH# WATER HEATER, WH# WALL HYDRANT

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

Table of general symbols including: REFER TO PLAN NOTES, EXISTING COMPONENT PEN WEIGHT, DEMOLITION PEN WEIGHT - COMPONENT SHADED, ROOM CALLOUT, AREA NOT IN SCOPE HATCHING, REVISION NUMBER, CONNECT NEW TO EXISTING - VERIFY EXACT LOCATION, DISCONNECT FROM EXISTING - VERIFY EXACT LOCATION, PIPE / DUCT CONTINUATION SYMBOL, DETAIL NUMBER, SHEET NUMBER WHERE DRAWN, SECTION LETTER, SHEET NUMBER WHERE DRAWN, UNIQUE I.D. (FAN COIL UNIT NO. 1), TYPICAL EQUIPMENT CALLOUT, EQUIPMENT TYPE (FC=FAN COIL UNIT)

HVAC SYMBOLS

Table of HVAC symbols including: LOW VELOCITY SUPPLY AIR DUCT (SA), MEDIUM VELOCITY SUPPLY AIR DUCT (MVSA), RETURN AIR DUCT (RA), EXHAUST AIR DUCT (EA), OUTDOOR AIR DUCT (OA), RELIEF AIR DUCT (RLF), FLUE GAS DUCT (FG), COMBUSTION AIR DUCT (CA), (UP)DUCT SECTION, POSITIVE PRESSURE - FIRST SIZE IS TOP DIM (TYP.), (DOWN) DUCT SECTION, POSITIVE PRESSURE, (UP) DUCT SECTION, NEGATIVE PRESSURE, (DOWN) DUCT SECTION, NEGATIVE PRESSURE, FLEXIBLE DUCT, TURNING VANES, DUCT SIZE, FIRST IS SIDE SHOWN CLEAR INSIDE DIM., DUCT CHANGE OF ELEVATION RISE(R) DROP(D), FLEXIBLE CONNECTION, SIDE WALL SUPPLY REGISTER, BALANCE DAMPER - MANUAL LOCKING QUADRANT, RECT. OPPOSED BLADE / ROUND, BUTTERFLY, BALANCE DAMPER - MOTORIZED LOCKING QUADRANT, RECT. OPPOSED BLADE / ROUND, BUTTERFLY, FIRE DAMPER (FD) IN WALL / FLOOR, SMOKE DAMPER (SD) IN WALL / FLOOR, COMBO FIRE/SMOKE DAMPER (FSD) IN WALL / FLOOR, THERMOSTAT (TSTAT) / TEMPERATURE SENSOR, HUMIDISTAT (HSTAT) / HUMIDITY SENSOR, PRESSURE SENSOR, MOTOR, SUPPLY FLOW ARROW / RETURN FLOW ARROW, EQUIPMENT CALLOUT (200) - EQUIPMENT AIRFLOW (CFM)

Table of GRD CALLOUT SYMBOLS including: ROUND, RECTANGULAR, SLOT, MARK IN SCHEDULE, SUPPLY DIFFUSER, CONNECTION & RUNOUT SIZE (10"ø) CFM, ALT -> SB10-250, MARK IN SCHEDULE, RETURN GRILLE, CONNECTION & RUNOUT SIZE (12x12) CFM, ALT -> RB12x12-250, MARK IN SCHEDULE, SLOT DIFFUSER, CONNECTION & RUNOUT SIZE (8"ø) NUMBER OF SLOTS CFM, ALT -> LSL8-2s-200

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. ALL ROTATING OR RECIPROCATING OR VIBRATING EQUIPMENT SHALL BE INSTALLED WITH EARTHQUAKE SNUBBERS TO LIMIT MOVEMENT. ALL HANGING EQUIPMENT, PIPING, AND DUCTWORK SHALL BE BRACED TO THE STRUCTURE. REFER TO SPECIFICATION SECTIONS 21 0548, 22 0548, AND 23 0548.

PLUMBING SYMBOLS

Table of plumbing symbols including: DOMESTIC COLD WATER (CW), NON-POTABLE COLD WATER (NPCW), DOMESTIC HOT WATER (HW), CHILLED HOT WATER RECIRC. (HWR), WASTE (W), BELOW GRADE WASTE (W), VENT, RAINLEADER, OVERFLOW RAINLEADER, NATURAL GAS, LIQUID PROPANE, COMPRESSED AIR, CONDENSATE DRAIN, DRAIN, BOILER MAKEUP WATER, GREASE WASTE, INDUSTRIAL WASTE, PRODUCTION WASTE, SOFT COLD WATER, FILTERED COLD WATER, REVERSE OSMOSIS WATER, REVERSE OSMOSIS RETURN WATER, DEIONIZED WATER, DEIONIZED WATER RETURN, DOMESTIC HOT WATER HIGH TEMP, DOMESTIC HOT WATER HIGH TEMP RECIRC, FLUE GAS, COMBUSTION AIR, CLEANOUT (FLOOR), 2-WAY CO, 2-WAY CLEANOUT (FLOOR/GRADE), WALL CLEANOUT / END OF LINE CLEANOUT

PIPE SYMBOLS

Table of pipe symbols including: DIRECTION OF FLOW, PIPE DROP / SIDE CONNECTION / PIPE RISE, TEE OUTLET DOWN / TEE OUTLET UP, BOTTOM / TOP CONNECTION, 45° OR 90°, CAP / CAPPED OUTLET, BALL VALVE / GLOBE VALVE, CONCENTRIC / ECCENTRIC REDUCER OR INCREASER, ANCHOR / FLEXIBLE CONNECTION, BUTTERFLY VALVE, CIRCUIT SETTER, CHECK VALVE, STRAINER / UNION, BLIND FLANGE / FLOW METER, BACKFLOW PREVENTER (BFP), PRESSURE REDUCING VALVE / PLUG VALVE, WATER METER / IRRIGATION WATER METER, PLUG VALVE / NEEDLE VALVE, GAS COCK, PRESSURE REGULATING VALVE / PETE'S PLUG, WATER HAMMER ARRESTOR (WHA), SLEEVE / EXPANSION JOINT, PIPE PITCH DOWN / PIPE RISE UP, SOLENOID VALVE / PNEUMATIC 3-WAY CONTROL VALVE, ELECTRIC 3-WAY / 2-WAY CONTROL VALVE, MANUAL / EMERGENCY 3-WAY CONTROL VALVE, THERMOMETER / PRESSURE GAUGE, STEAM TRAP, TEMPERATURE/PRESSURE RELIEF VALVE

MEDICAL GAS SYMBOLS

Table of medical gas symbols including: O2 OXYGEN, MA MEDICAL COMPRESSED AIR, VAC MEDICAL VACUUM, WAGD WASTE ANESTHESIA GAS DISPOSAL, N2O NITROUS OXIDE, CO2 CARBON DIOXIDE, IA INSTRUMENT AIR, N2 NITROGEN, ZONE VALVE BOX (ZVB), MEDICAL GAS OUTLET (MGO)

MECH. PIPING SYMBOLS

Table of mech. piping symbols including: HWS HEATING WATER SUPPLY, HWR HEATING WATER RETURN, CWS CHILLED WATER RETURN, CWR CHILLED WATER RETURN, CHWS CHILLED/HEATING WATER SUPPLY, CHWR CHILLED/HEATING WATER RETURN, CS CONDENSER WATER RETURN, CR CONDENSER WATER RETURN, RL REFRIGERANT LIQUID LINE (SUPPLY), RS REFRIGERANT SUCTION LINE (RETURN), RLS REFRIGERANT DUAL TEMPERATURE LINE, FOS FUEL OIL SUPPLY, FOR FUEL OIL RETURN, BFV BOILER FEEDWATER, BMW BOILER MAKEUP WATER, LPS LOW PRESSURE STEAM SUPPLY, LPR LOW PRESSURE STEAM RETURN, MPS MEDIUM PRESSURE STEAM SUPPLY, MPR MEDIUM PRESSURE STEAM RETURN, HPS HIGH PRESSURE STEAM SUPPLY, HPR HIGH PRESSURE STEAM RETURN, T1.1 EQUIPMENT CALLOUT (0.75) WATER COIL FLOW (GPM)

FIRE PROT. SYMBOLS

Table of fire protection symbols including: FIRE PROTECTION LINE (SYSTEM TYPE LABELED), FIRE DEPARTMENT SIAMESE CONNECTION, FIRE DEPARTMENT SIAMESE CONNECTION - FREESTANDING, FIRE DEPARTMENT SINGLE CONNECTION THRUST BLOCK, PENDENT SPRINKLER / UPRIGHT SPRINKLER, SIDEWALL SPRINKLER / OUTDOOR SPRINKLER, PREACTION VALVE / DRY PIPE VALVE

GENERAL DEMO. NOTES

- 1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE ARCHITECT IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
- 2. REMOVAL OF EXISTING FIXTURES AND EQUIPMENT WILL REQUIRE ISOLATING THE PIPING RISERS OR MAINS VIA SHUT-OFF VALVES. INSTALL NEW ISOLATING VALVES WHERE REQUIRED FOR COMPLETION OF WORK.
- 3. REMOVAL OF EXISTING PLUMBING FIXTURES AND EQUIPMENT, ETC. WILL REQUIRE CAPPING AND SEALING EXISTING MAINS OR BRANCHES AS NECESSARY AND REQUIRED TO ALLOW THE REMAINING SYSTEMS TO FULLY OPERATE WITHOUT DEGRADATION.
- 4. CONTRACTOR SHALL PROVIDE PROTECTIVE PLASTIC DROP CLOTHS TO PROTECT THE EXISTING OCCUPIED AREAS AND EQUIPMENT FROM DUST AND DEBRIS DURING THE CONSTRUCTION WORK AND SHALL CLEAN THE AREAS OF ALL CONSTRUCTION DIRT DAILY, AND UPON COMPLETION OF THE WORK. ALL DRAINAGE PIPING RISERS AND MAINS SHALL BE FULFILLED WITH PROPER FLUID AND PROPERLY VENTED BY THIS CONTRACTOR, ONCE NEW WORK HAS BEEN INSTALLED.
- 5. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, ETC. AS REQUIRED FOR MECHANICAL DEMOLITION WORK.
- 6. EXISTING PIPING AND EQUIPMENT, ETC., NOT TO BE UTILIZED IN THE COMPLETED BUILDING SHALL BE DISCONTINUED OR REMOVED AS REQUIRED. ALL ENDS OF DISCONTINUED PIPING SHALL BE CAPPED IN THE NEAREST WALL, CEILING OR FLOOR SO THAT THEY ARE COMPLETELY CONCEALED OPENINGS LEFT IN WALLS, CEILINGS, ETC., WHERE EQUIPMENT AND PIPE, ETC., ARE REMOVED AND NOT REPLACED. SHALL BE PATCHED NEATLY WITH SIMILAR MATERIAL TO ADJACENT CONSTRUCTION. REFER TO DRAWINGS DELINEATING NEW WORK FOR ADDITIONAL INFORMATION REGARDING SYSTEMS OR PORTIONS OF SYSTEMS WHERE USE IS TO BE DISCONTINUED.
- 7. EXISTING PIPING, FIXTURES AND EQUIPMENT THAT ARE NOT TO BE REUSED SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE OWNER IF THEY WISH TO RETAIN OWNERSHIP OF SAME. IF NOT, EQUIPMENT SHALL BECOME THE PROPERTY OF THIS CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AS SOON AS PRACTICAL, AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 8. ALL CUTTING AND CHANNELING OF EXISTING BUILDING SHALL BE ACCOMPLISHED IN A NEAT AND WORKMANLIKE MANNER WITHOUT REMOVAL OF EXCESS MATERIALS. THIS CONTRACTOR SHALL PATCH AND REPLACE WITH MATERIAL SIMILAR TO ADJACENT CONSTRUCTION.
- 9. PORTIONS OF EXISTING SYSTEMS MAY BE SHOWN FOR CLARITY EVEN THOUGH IT MAY NOT BE NECESSARY TO MODIFY OR REVISE THEM. ALL EXISTING SYSTEMS ARE SHOWN BASED ON ORIGINAL OR REMODEL BUILDING DRAWINGS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
- 10. ALL WORK MUST BE COORDINATED AND SCHEDULED WITH THE OWNER AND OCCUPANTS OF THIS BUILDING SO AS TO PROVIDE THE LEAST AMOUNT OF DISRUPTION OF BUILDING ACTIVITIES AS POSSIBLE. MAINTAIN CONDITIONED SPACE FOR ALL OWNER OCCUPIED AREAS DURING CONSTRUCTION.
- 11. ALL ACCESSIBLE ABANDONED PIPING AND DUCTWORK SHALL BE REMOVED AND PROPERLY DISPOSED OF.
- 12. CAP ALL EXISTING PIPING AND DUCTWORK SHOWN TO BE DISCONNECTED AND NOT REUSED AT MAIN. ALL ACCESSIBLE PIPING SHALL BE REMOVED.
- 13. RELOCATE EXISTING DUCTWORK, PIPING, ELECTRICAL CONDUITS, AND CABLING AS NECESSARY TO ACCOMPLISH FINAL INSTALLATION AS SHOWN. ALERT ENGINEER TO ANY MAJOR RELOCATIONS REQUIRED.

GENERAL NOTES

- 1. VERIFY JOB SITE CONDITIONS AND DIMENSIONS BEFORE BEGINNING WORK. PLANS ARE SCHEMATIC IN NATURE. LEADOUT STRUCTURAL ELEMENTS, DIMENSIONAL INFORMATION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.
- 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.
- 4. G.C. IS TO PATCH ANY OPENINGS IN CORRIDORS REQUIRED TO BE CONSTRUCTED TO LIMIT THE TRANSFER OF SMOKE AND IN SMOKE BARRIERS AS REQUIRED TO MEET CODE REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LOCATION, CONFIGURATION AND ROUTING OF EXISTING SYSTEMS REQUIRED TO REMAIN IN OPERATION DURING THE PROJECT TO PREVENT DAMAGE DURING DEMOLITION AND PHASING.
- 6. REMOVE ALL EXISTING EQUIPMENT, DUCTWORK AND PIPING THAT IS NOT REQUIRED FOR A WORKING INSTALLATION.
- 7. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- 8. UNLESS OTHERWISE INDICATED, INSTALL ALL SPACE THERMOSTATS AND OTHER OCCUPANT ADJUSTABLE CONTROL DEVICES SAME HEIGHT AS ADJACENT LIGHT SWITCHES, BUT IN NO CASE HIGHER THAN 48 INCHES ABOVE FINISHED FLOOR PER ADA REQUIREMENTS. COORDINATE EXACT HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
- 9. ALL CUTTING AND PATCHING SHALL BE CLOSELY COORDINATED WITH THE G.C. COORDINATE ROUTING OF PLUMBING AND HVAC PIPING WITH DUCTWORK, LIGHTS, ARCHITECTURAL CEILING AND STRUCTURAL ELEMENTS. 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. REWORK OF INSTALLED WORK TO RESOLVE CONFLICTS ARISING FROM LACK OF COORDINATION SHALL NOT JUSTIFY AN INCREASE IN THE PROJECT COST.
- 10. ALL DIFFUSERS ARE 4-WAY BLOW UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- 11. FLEXIBLE DUCTWORK IS ALLOWED ON RUNOUTS TO SUPPLY DIFFUSERS ONLY. UTILIZE ONLY ABOVE LAY-IN ACCESSIBLE CEILINGS. DO NOT INSTALL FLEX DUCT ON HANGING CEILINGS OR WHERE EXPOSED. A MAXIMUM LENGTH OF 6'-0" MAY BE USED AT EACH CONNECTION.
- 12. SEAL TRANSVERSE AND LONGITUDINAL JOINTS OF ALL DUCTWORK USING HARDCAST D TAPE AND FTA-20 ADHESIVE OR HARDCAST AFG-1402 "FOIL GRIP" PER MANUFACTURER'S INSTRUCTIONS.
- 13. INSTALL BALANCE DAMPER WITH STANDOFF AND LOCKING QUADRANT IN AN ACCESSIBLE LOCATION AT EACH RUNOUT TO SUPPLY DIFFUSERS, EXHAUST GRILLES, AND RETURN GRILLES WHERE AIRFLOW IS INDICATED, OR AS INDICATED OTHERWISE.
- 14. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE FIRE STOPPED BY THE TRADE MAKING THE PENETRATION. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS. DO NOT ROUTE PIPING OR DUCTWORK OVER ELECTRICAL PANELS OR EQUIPMENT. PIPING OR DUCTWORK SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, TELECOM ROOMS, OR EQUIPMENT ROOMS UNLESS SPECIFICALLY SERVING THAT ROOM. COORDINATE WITH E.C. PROVIDE WATERTIGHT DRIP PAN WITH DRAIN TO NEAREST APPROVED RECEPTOR WHERE REQUIRED.
- 15. COORDINATE SIZE AND LOCATION OF ACCESS DOORS IN CONSTRUCTION FOR MECHANICAL ACCESS TO MECHANICAL EQUIPMENT WITH G.C.
- 16. COORDINATE SIZE AND LOCATION OF MECHANICAL EQUIPMENT PADS WITH G.C.
- 17. ALL WORK IS TO CONFORM WITH APPLICABLE CODES AND STANDARDS.
- 18. DUCT SIZES SHOWN ARE ACTUAL INSIDE CLEAR DIMENSIONS. INCREASE SHEET METAL DIMENSIONS AS REQUIRED TO ACCOMMODATE DUCT LINER WHERE LINER IS SPECIFIED.
- 19. ALL EQUIPMENT SUPPORT STANDS SHALL BE PRIMED AND PAINTED WITH EPOXY ENAMEL.
- 20. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES.
- 21. PRINT INSIDE OF DUCTWORK BLACK ANYWHERE VISIBLE THROUGH FACE OF GRILLE OR DIFFUSER.
- 22. WHERE HYDRONIC RUNOUT SIZES ARE NOT INDICATED, SIZE PER THE FOLLOWING: UP TO 3 GPM - 3/4"; UP TO 6 GPM - 1"; UP TO 10 GPM - 1-1/4"; UP TO 17 GPM - 1-1/2"; UP TO 25 GPM - 1-3/4"; UP TO 35 GPM - 2".
- 23. 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/RUNOUT SIZE. CONTROL VALVES MAY BE DOWN SIZED FLOW RATE, NOT TO EXCEED 4 PSIG PRESSURE DROP AT DESIGN FLOW. UNDERGROUND-TYPE UTILITY MARKER, PROVIDED AND INSTALLED PER SPECIFICATION SECTIONS 220553 AND 230555 AT EVERY 100 FEET FOR ALL UNDERGROUND UTILITIES (INCLUDING HEAT PUMP WELL FIELD). LABEL WITH THE APPROPRIATE UTILITY. EACH VERTICAL GROUND SOURCE HEAT PUMP WELLBORE SHALL BE LABELED "GCHP WELL #X WITH APPROPRIATE NUMERIC WELL NUMBER IDENTIFICATION.
- 24. TEMPERATURE CONTROLS CONTRACTOR (T.C.C.) SHALL FURNISH AND INSTALL ALL LOW VOLTAGE WIRING AND ASSOCIATED CONDUIT REQUIRED FOR MECHANICAL CONTROL SYSTEM. WIRING SHALL BE IN CONDUIT INSIDE WALLS, IN ROOMS WITH EXPOSED CEILINGS, AND ABOVE HARD CEILINGS. LINE VOLTAGE WIRING AND ASSOCIATED CONDUIT SHALL BE PROVIDED AND INSTALLED BY E.C. CONTROL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS.
- 25. ALL CONTROL DAMPERS SHALL BE FURNISHED BY T.C.C. AND INSTALLED BY THE M.C. MOTOR OPERATORS SHALL BE FURNISHED AND INSTALLED BY THE T.C.C.
- 26. COORDINATE ACCESS TO EQUIPMENT AND VALVES INSTALLED ABOVE "HARD" CEILINGS AND IN MASONRY CHASES WITH GENERAL CONTRACTOR. PROVIDE LOCKING ACCESS DOORS FOR INSTALLATION BY CONTRACTOR AS REQUIRED TO SERVICE CONCEALED DAMPERS, VALVES AND EQUIPMENT. CEILING ACCESS DOORS FOR FIRE DAMPERS, SMOKE DAMPERS AND FIRE SMOKE DAMPERS FURNISHED AND INSTALLED BY CONTRACTOR.
- 27. CONTRACTOR TO INSTALL TEMPORARY FILTERS OVER ALL RETURN AND EXHAUST GRILLES IN WORK AREA DURING CONSTRUCTION.
- 28. THESE DRAWINGS ARE ACCOMPANIED BY SPECIFICATIONS. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
- 29. EQUIPMENT THAT REQUIRES MAINTENANCE SHALL BE LOCATED A MINIMUM OF 10'-0" FROM THE BUILDING ROOF EDGE WHERE REQUIRED BY CODE.
- 30. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF TEMPORARY PARTITIONS.
- 31. SQUARE THROAT NOT ALLOWED ON RADIUS ELBOWS.
- 32. TERMINAL UNITS, MANUAL BALANCE DAMPERS, HYDRONIC AND PLUMBING VALVES, CIRCUIT SETTERS AND OTHER ACCESSORIES REQUIRING ACCESS SHALL BE ACCESSIBLE VIA A STANDARD LADDER SO COMPONENTS MAY BE REPLACED, REPAIRED, OR UTILIZED WITHOUT THE NEED FOR EXTENSIVE CEILING REMOVAL, SCAFFOLDING OR A MAN LIFT, WHERE POSSIBLE NO MORE THAN 48" ABOVE THE FINISHED CEILING.

PRESSURE CLASS SCHEDULE

AIR SYSTEM	PRESSURE CLASS	SEAL CLASS	LEAKAGE CLASS	
			ROUND	RECT
GENERAL EXHAUST	2 INCH WG (500 PA)	A	3	6
LOW PRESSURE SUPPLY	2 INCH WG (500 PA)	A	6	12
MEDIUM PRESSURE SUPPLY (UPSTREAM OF VAV & CV BOXES)	6 INCH WG (1500 PA)	A	3	6
RETURN AND RELIEF	2 INCH WG (500 PA)	A	6	12



Table with 3 columns: No., Date, Description



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, RODGERS, AR 72758
MECHANICAL COVER SHEET



MP0.1

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



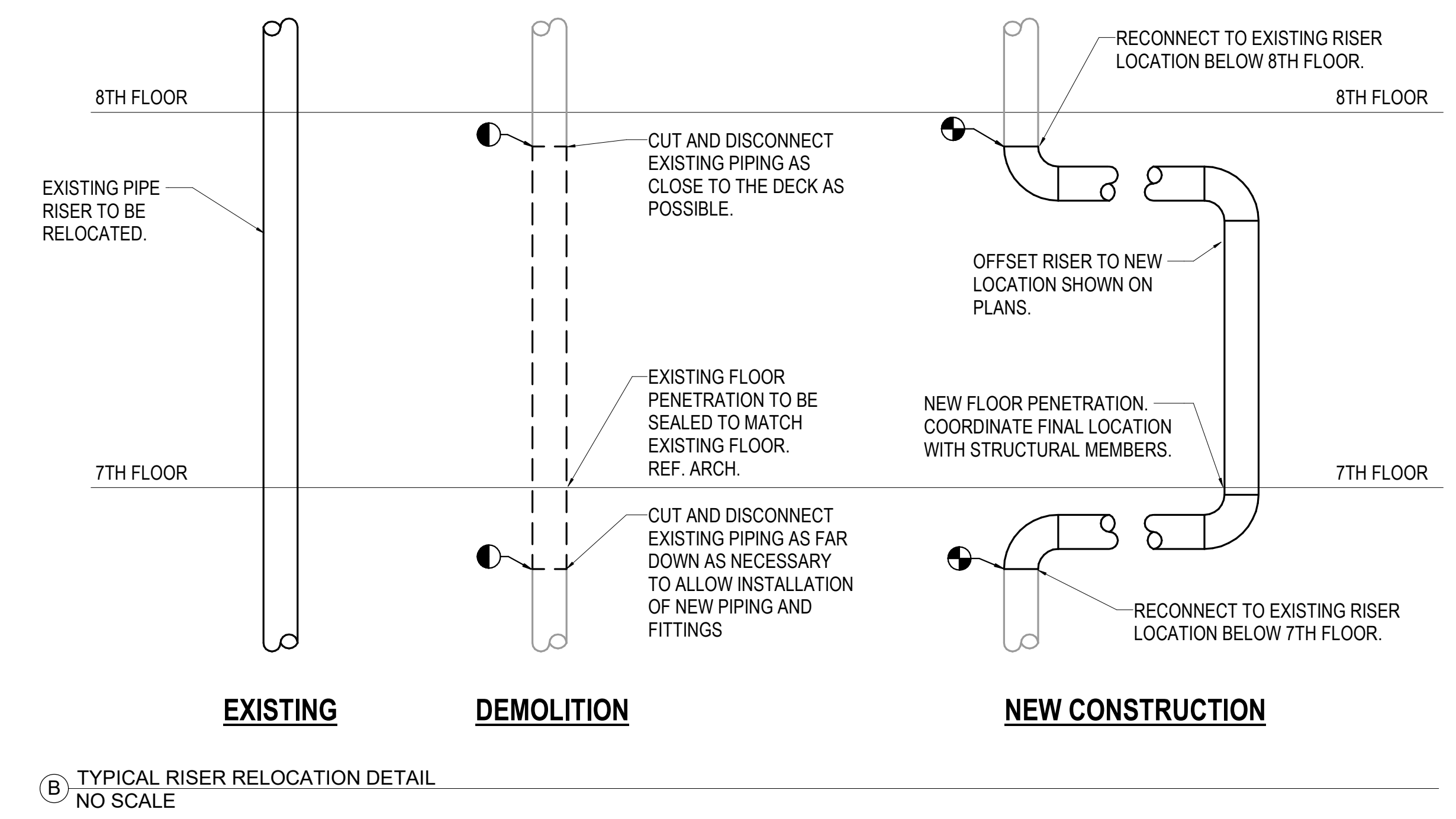
No.	Date	Description



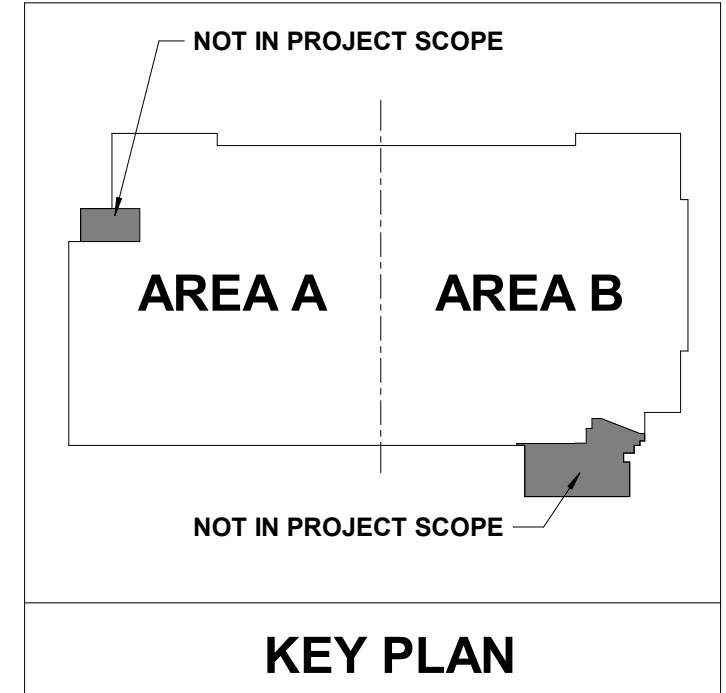
Sheet No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

7TH FLOOR
PD1.1



(A) 7TH FLOOR PLUMBING DEMO PLAN - OVERALL
 3/32" = 1'-0"



PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20170400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

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.

SHEET KEYNOTES

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



Architect Logo

No.	Date	Description



Proj. No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

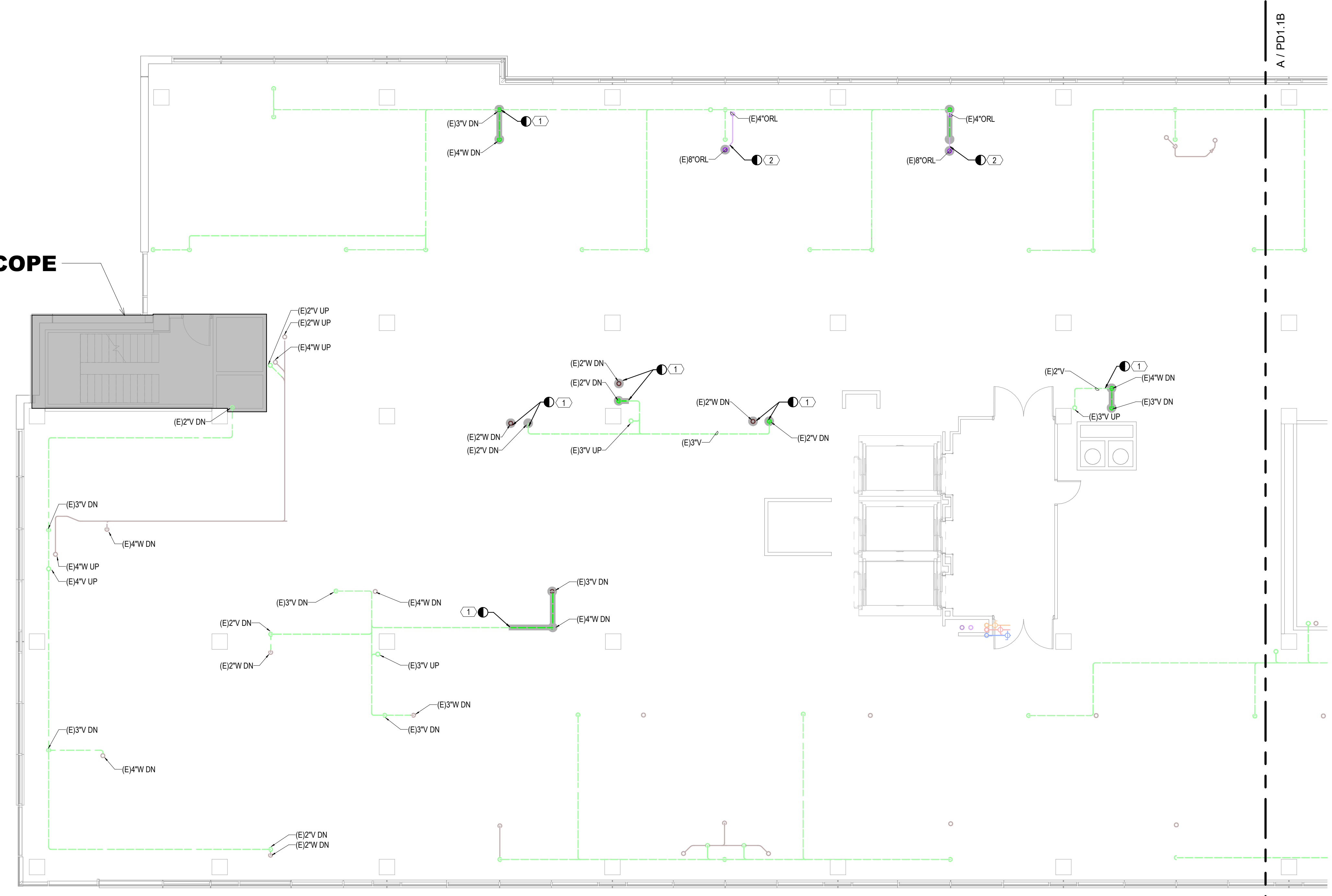
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR PLUMBING DEMO PLAN - AREA A



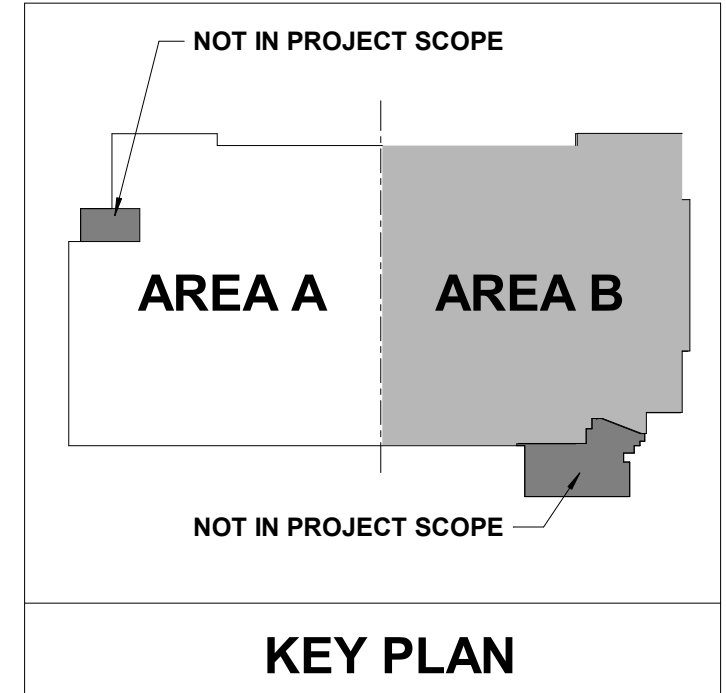
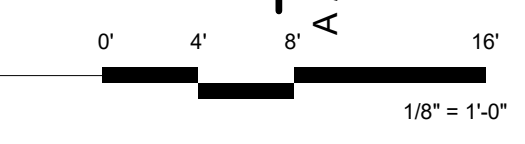
Floor No.: 7TH FLOOR
 Sheet No.: **PD1.1A**

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

NOT IN PROJECT SCOPE



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



11/11/2024 6:32:33 PM
 Autodesk Docs\JH-AR-MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MECH_R23.rvt

PLUMBING 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.
- 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

- RELOCATE WASTEVENT RISER TO WALL/CHASE NEARBY.
- DEMO & RAINLEADER UP TO CEILING AND RELOCATE TO CHASE.

Architect Logo



No.	Date	Description



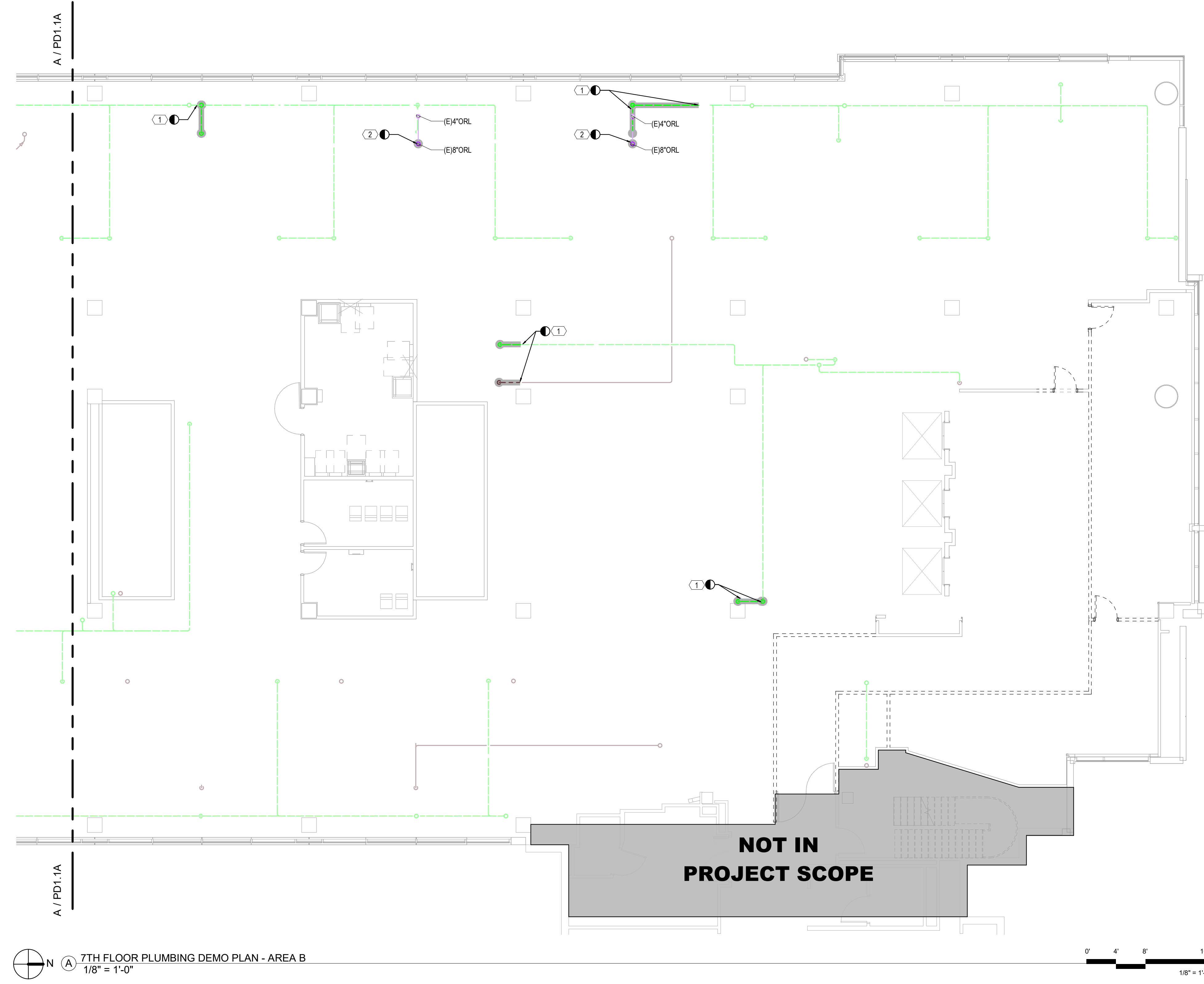
Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

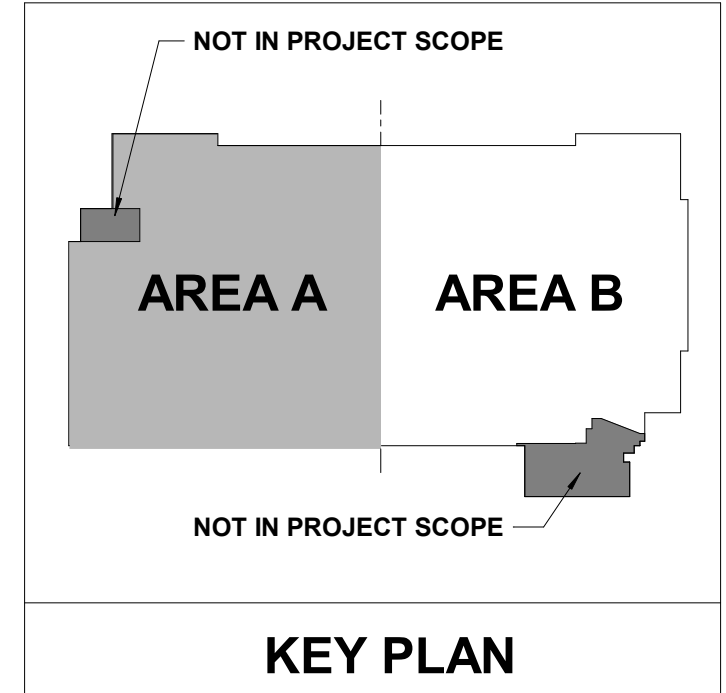
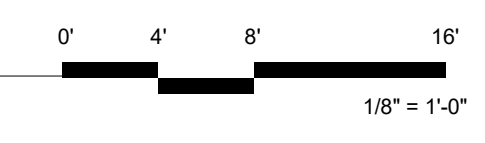


Floor No.: 7TH FLOOR
 Sheet No.: **PD1.1B**

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



7TH FLOOR PLUMBING DEMO PLAN - AREA B
 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 6" C.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
5. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS 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. OFFSET AS NECESSARY TO AVOID OBSTRUCTIONS. PIPING REQUIRED TO BE SLOPED SHALL TAKE PRECEDENCE. PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
8. TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IPC.
9. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

SHEET KEYNOTES

No.	Date	Description



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, RODGERS, AR 72758
 7TH FLOOR PLUMBING PLAN - OVERALL - W&V



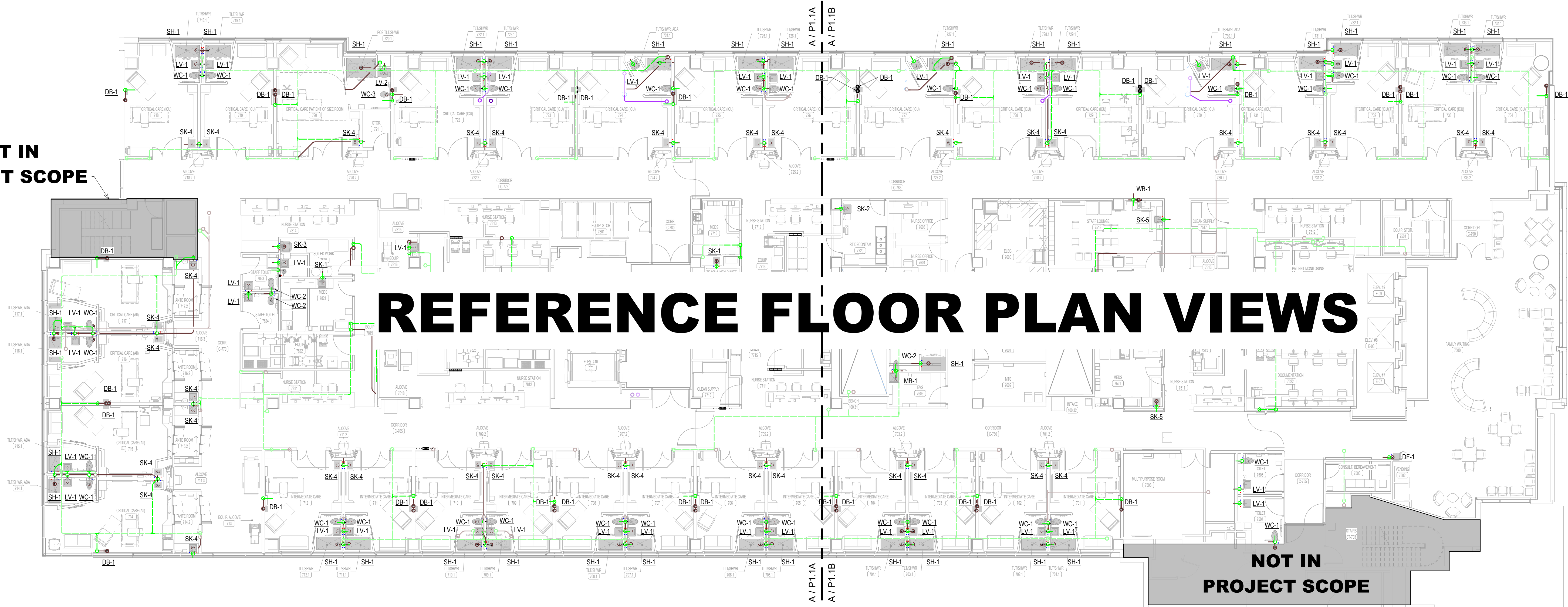
Floor No.: 7TH FLOOR
 Sheet No.: **P1.1**

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

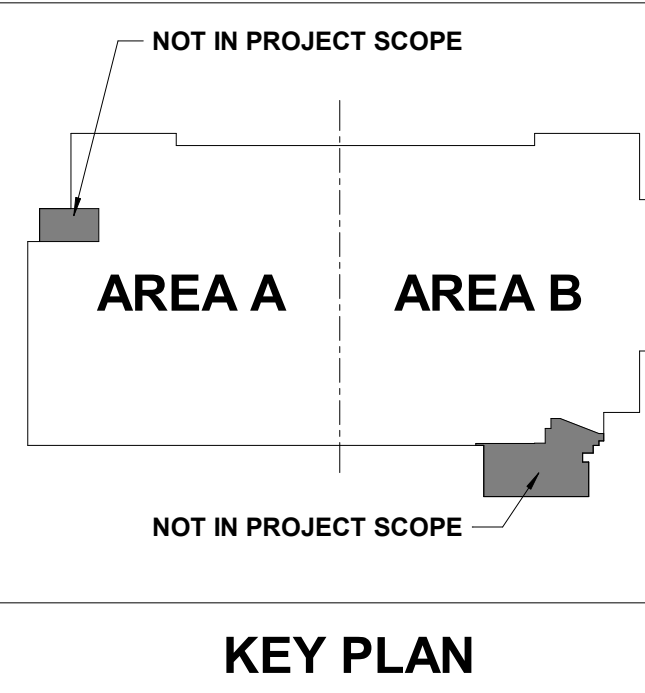
NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE

REFERENCE FLOOR PLAN VIEWS



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



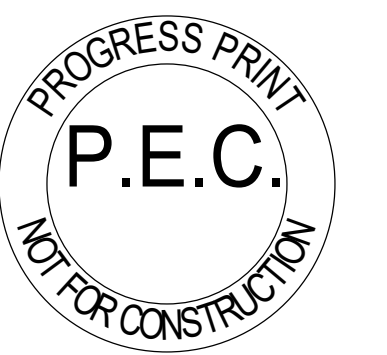
PLUMBING GENERAL NOTES

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. PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
8. TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IPC.
9. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

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.

No.	Date	Description



Sheet No.:

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

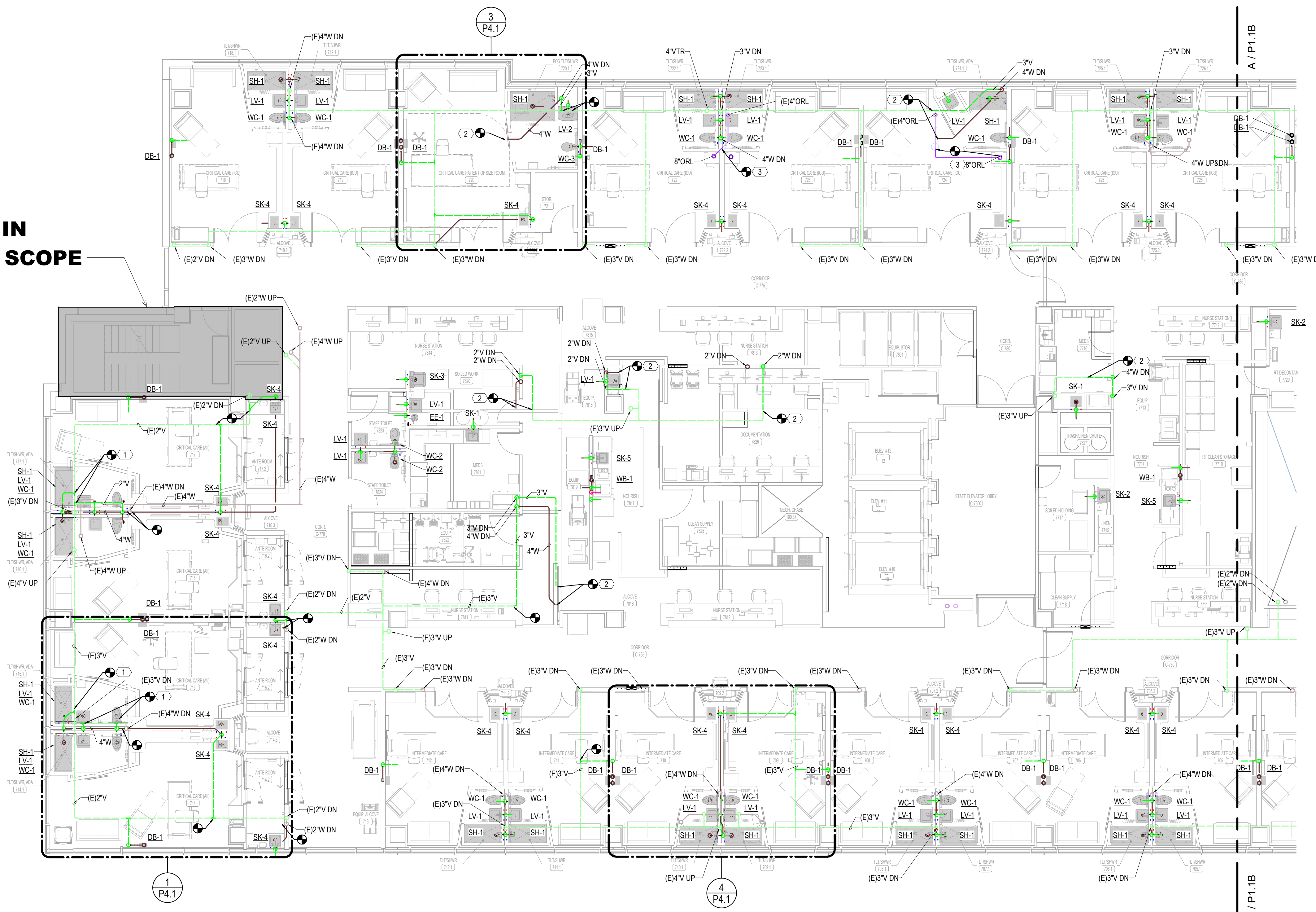
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR PLUMBING PLAN - AREA A - W&V



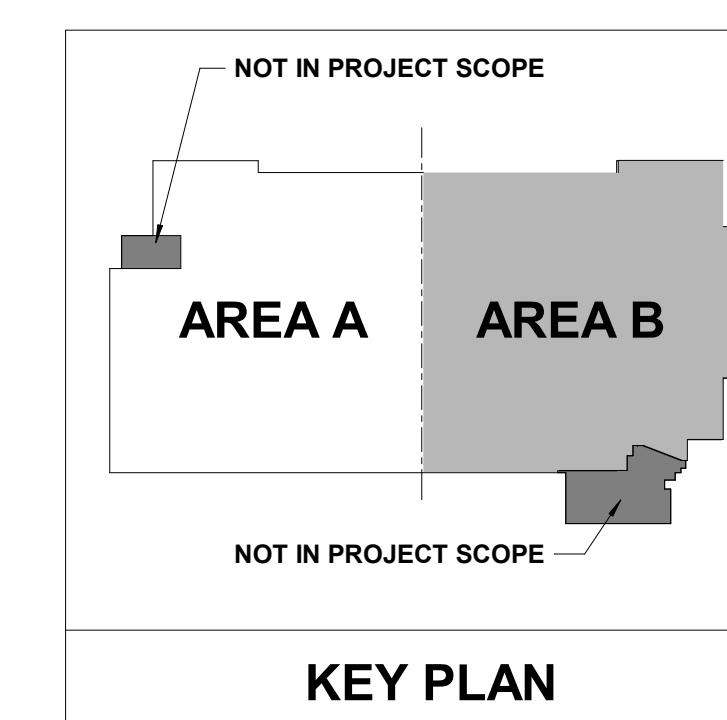
Floor No.: 7TH FLOOR
 Sheet No.: **P1.1A**

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 624 S. UTICA AVE., SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

NOT IN PROJECT SCOPE



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

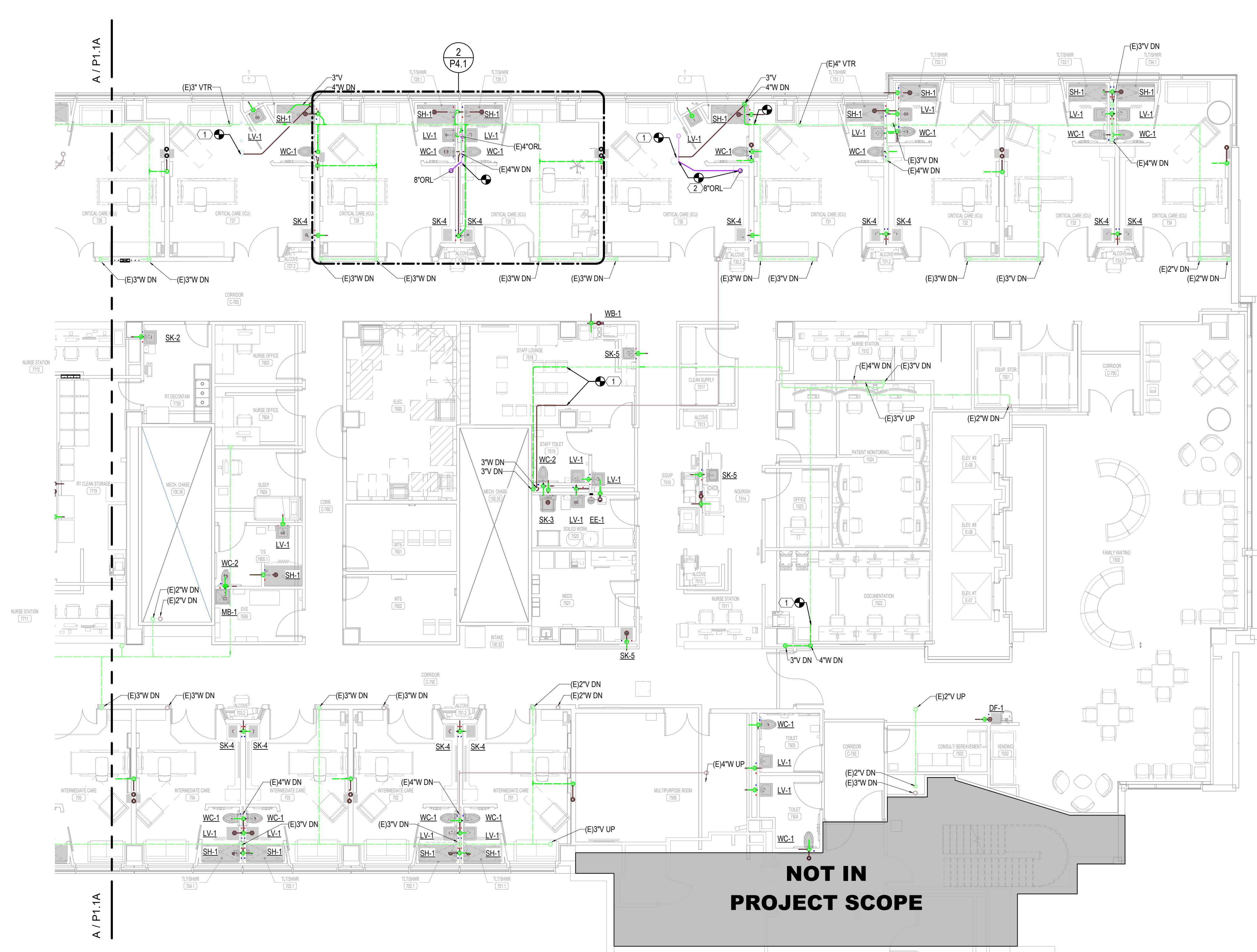


PLUMBING GENERAL NOTES

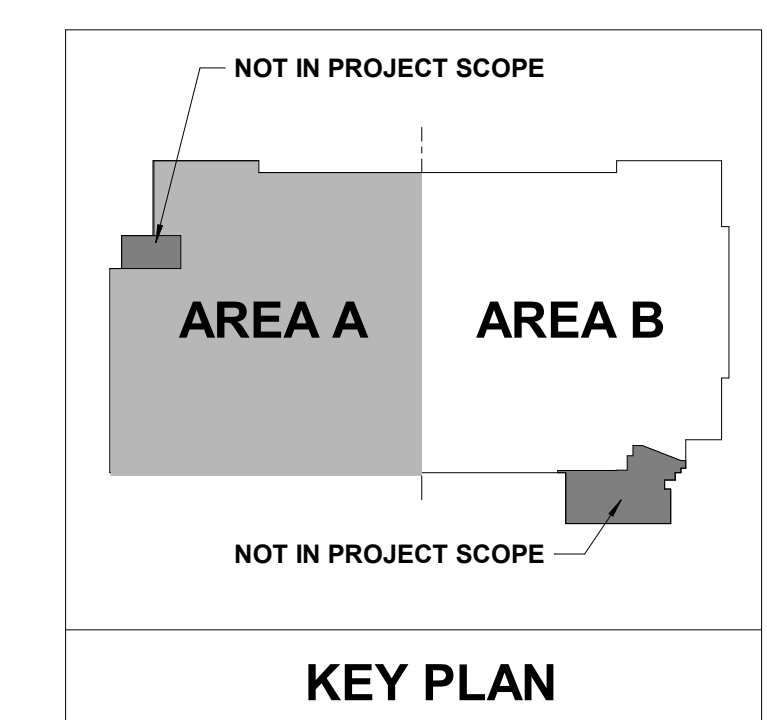
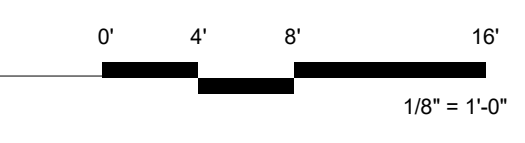
1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR 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

1. CONNECT TO VENT/WASTE BELOW FLOOR. ROUTE NEW RISER WITHIN WALL/CHASE AND CONNECT TO EXISTING IN PLENUM SPACE.
2. RELOCATED 4" OVERFLOW RAINLEADER TO CHASE. RECONNECT TO EXISTING 4" RAINLEADER IN PLENUM SPACE.



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



PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S. UTICA AVE., SUITE 1400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPRESS, DECEMBER 31, 2024

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

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



No.	Date	Description

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

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 24"X24" 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.



No.	Date	Description



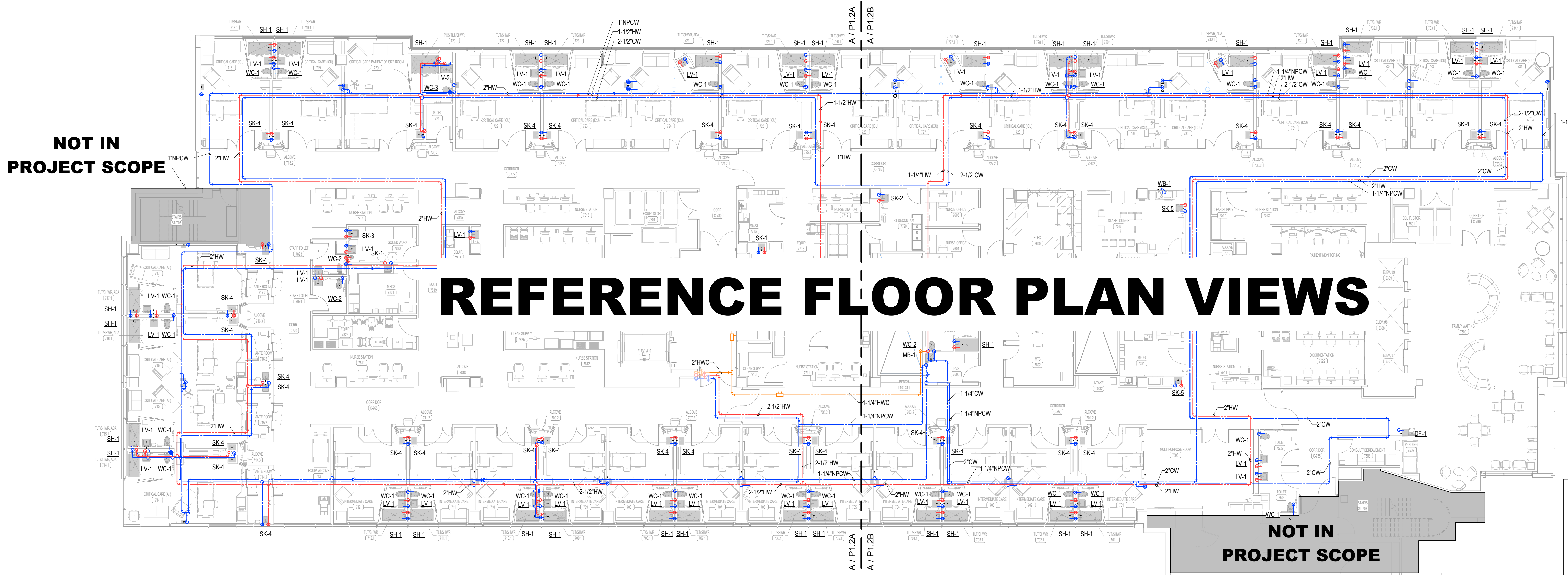
Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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



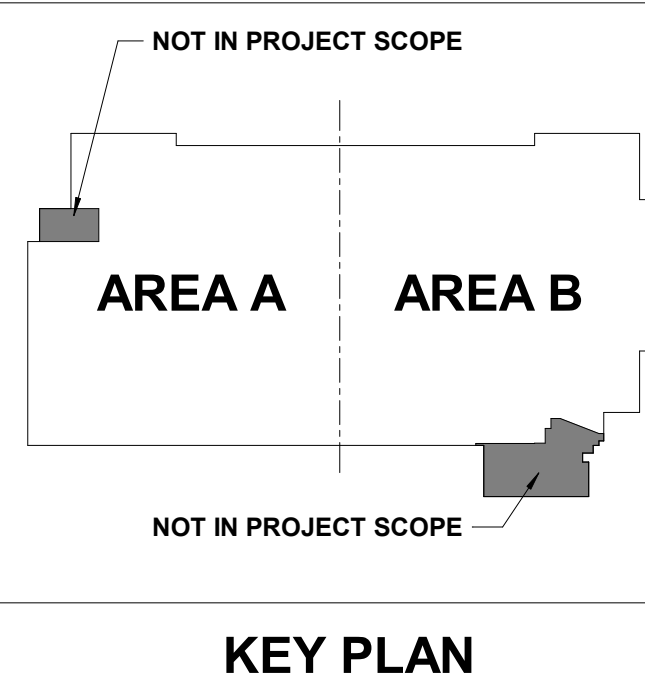
Floor No.: 7TH FLOOR
 Sheet No.: **P1.2**

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1224 S. UTICA AVE., SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20079400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE



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

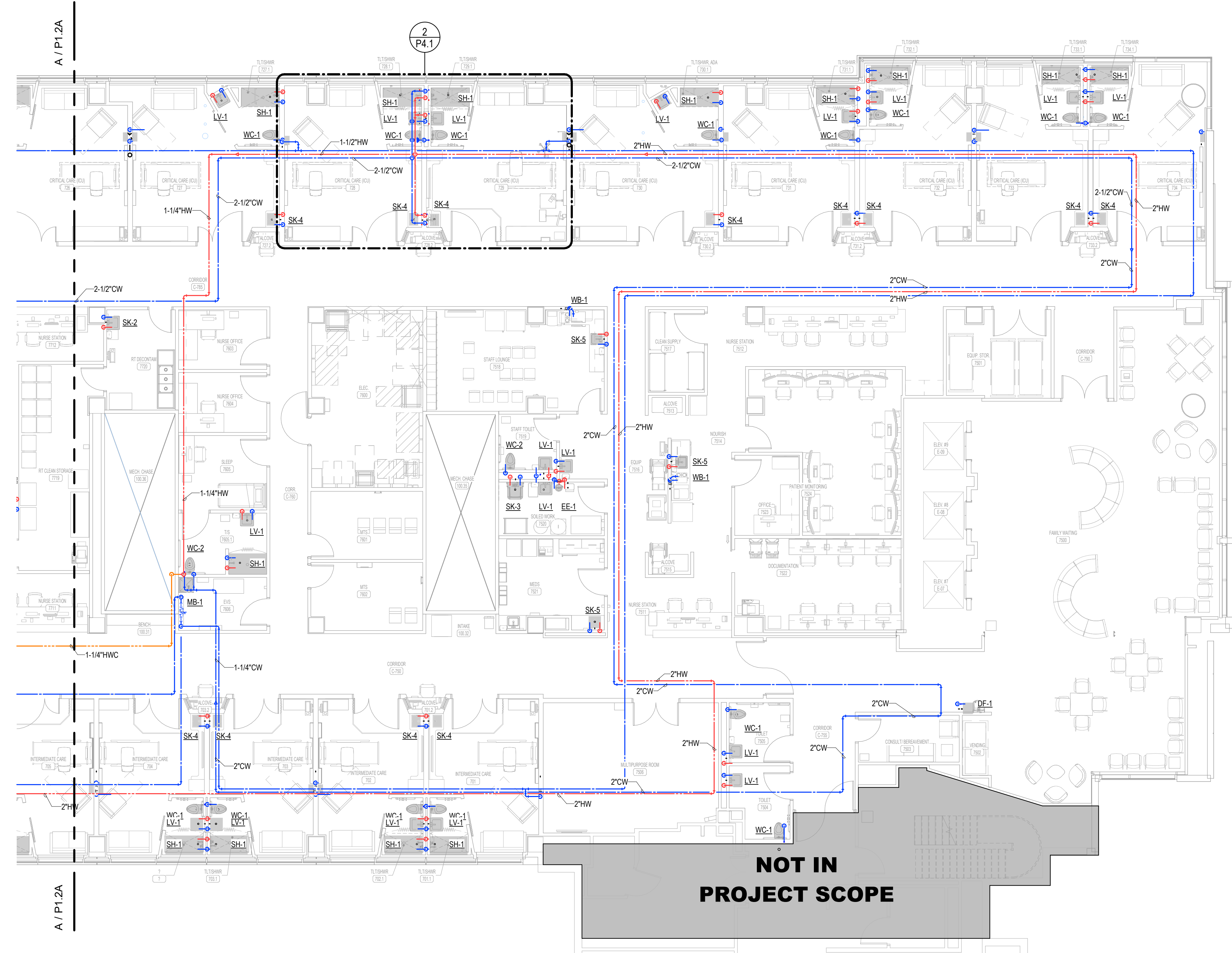


11/11/2024 6:34:10 PM
 Autodesk Docs\JH AR MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MECH_R23.rvt

PLUMBING GENERAL NOTES

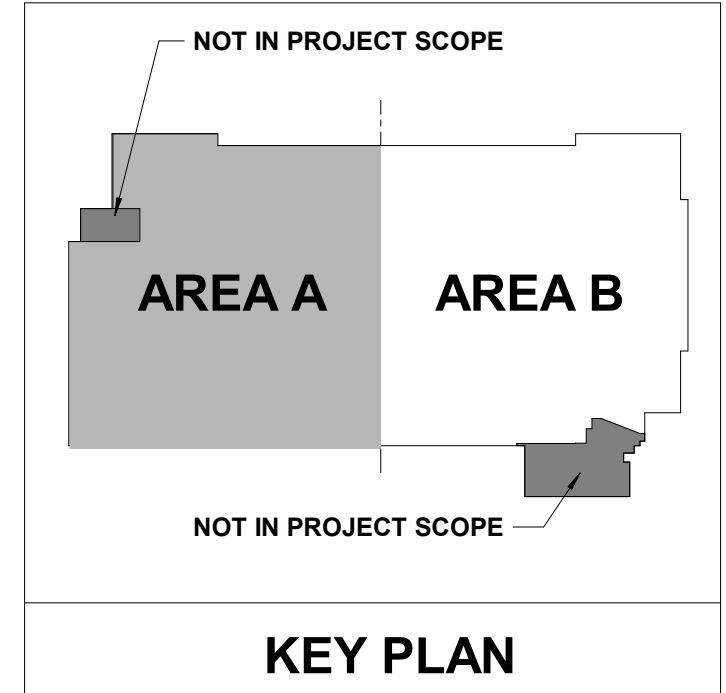
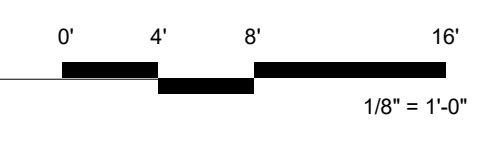
1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR 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 I.P.C.
10. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

No.	Date	Description



NOT IN PROJECT SCOPE

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



PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S. UTICA AVE., SUITE 1400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 20179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



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

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

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



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.
4. REFER TO ARCHITECTURAL SPECIFICATIONS AND PLANS FOR PHASING OF DEMOLITION AND NEW WORK. ADJACENT AREAS ARE OCCUPIED AND CONTRACTOR SHALL WORK CLOSELY WITH OWNER TO SCHEDULE DEMOLITION AND CONSTRUCTION TO BE AS LEAST DISRUPTIVE AS POSSIBLE.

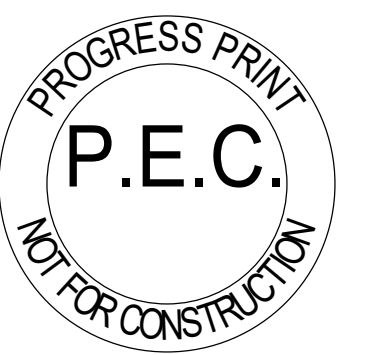
SHEET KEYNOTES

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



Architect Logo

No.	Date	Description



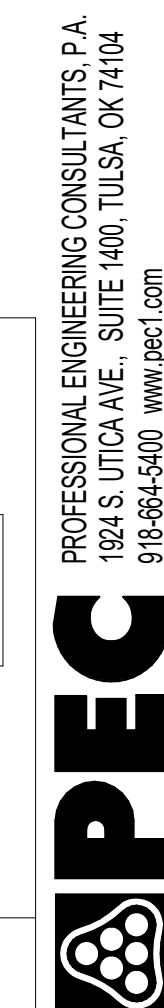
Sheet & Date

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

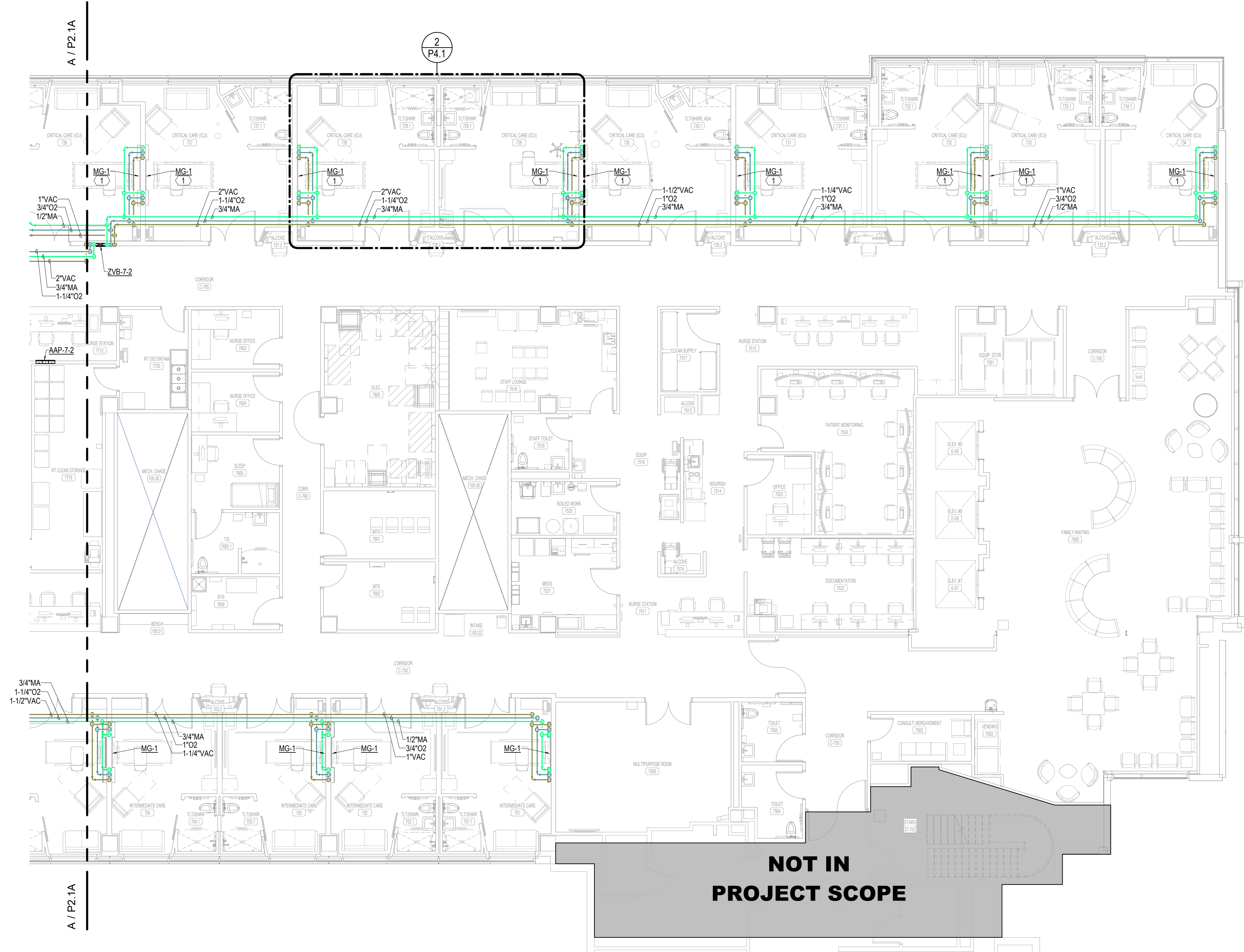
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR MEDICAL GAS PLAN - AREA B



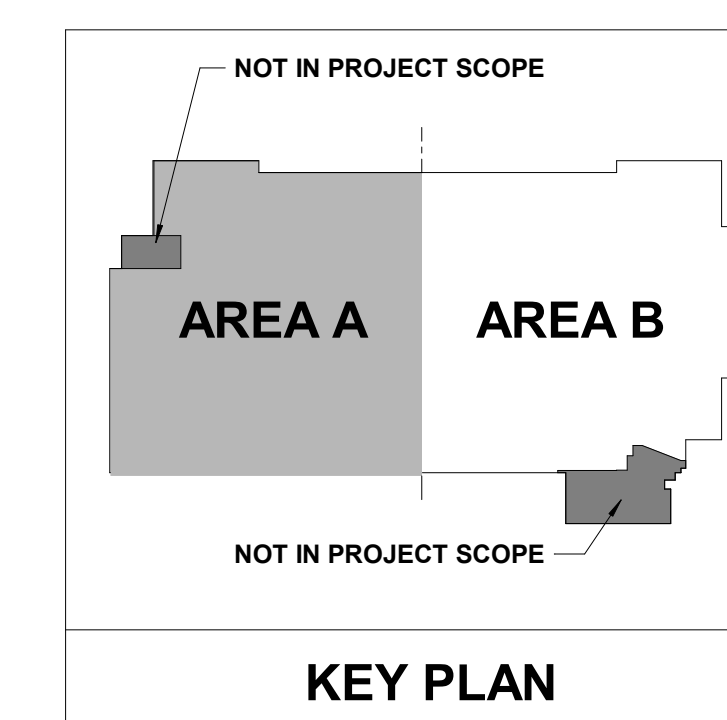
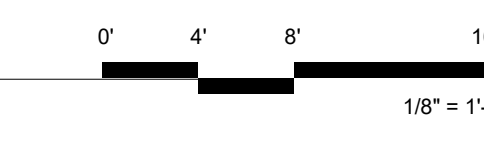
Floor No.: 7TH FLOOR
 Sheet No.: **P2.1B**



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 P.E.I.S. EXPIRES: DECEMBER 31, 2024



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



11/11/2024 6:35:33 PM
 Autodesk Docs:JH-AR-MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MECH_R23.rvt

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

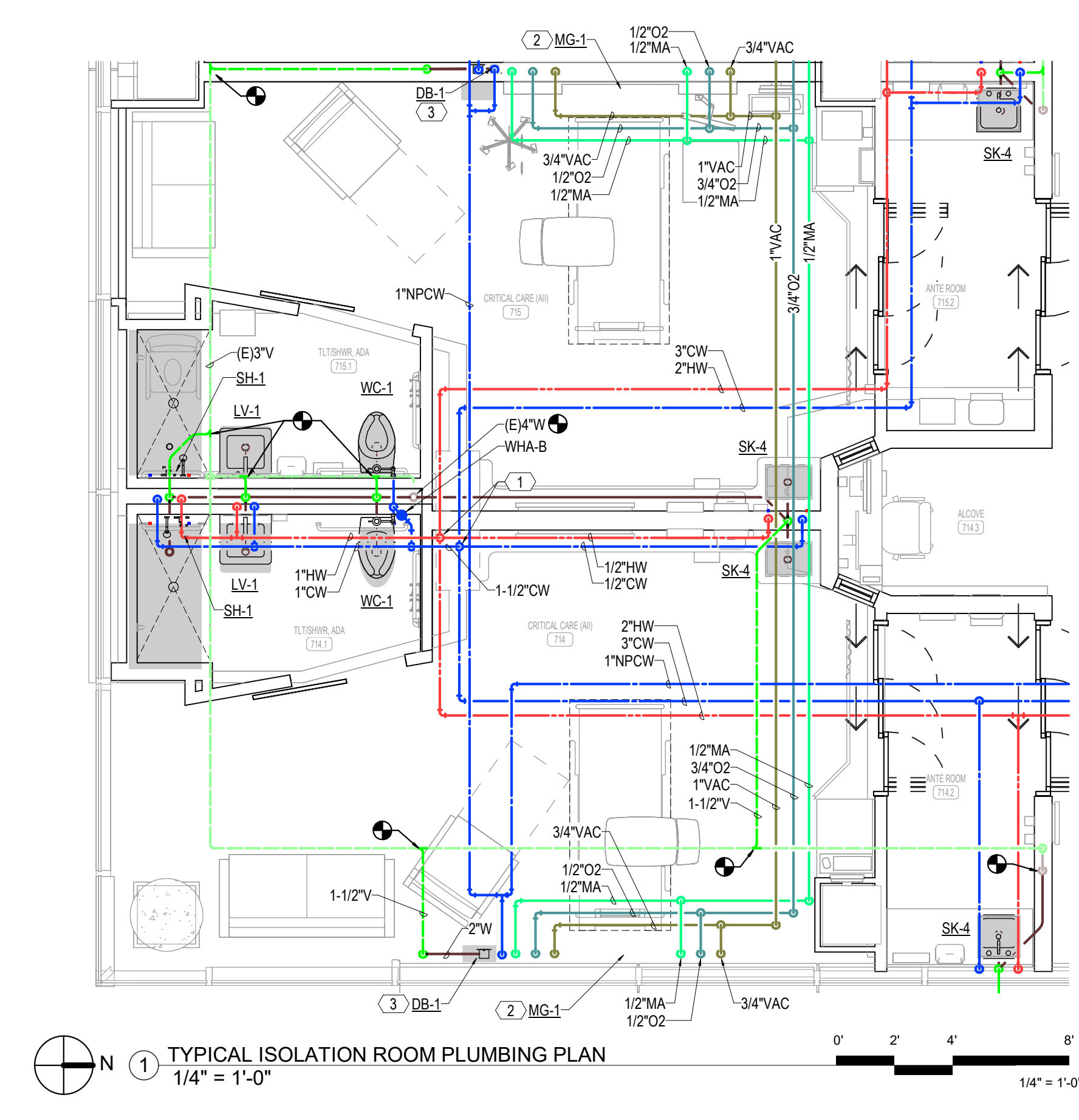
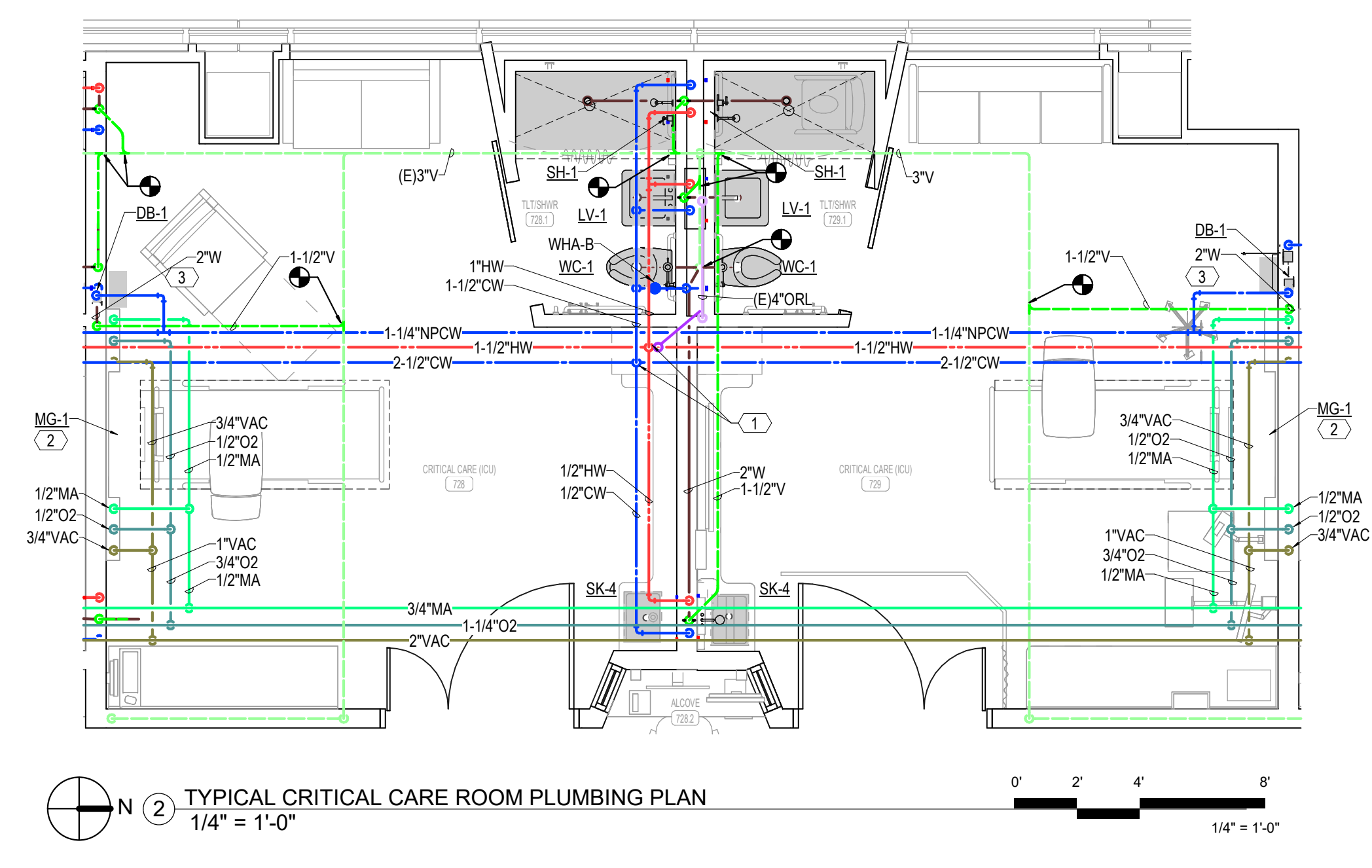
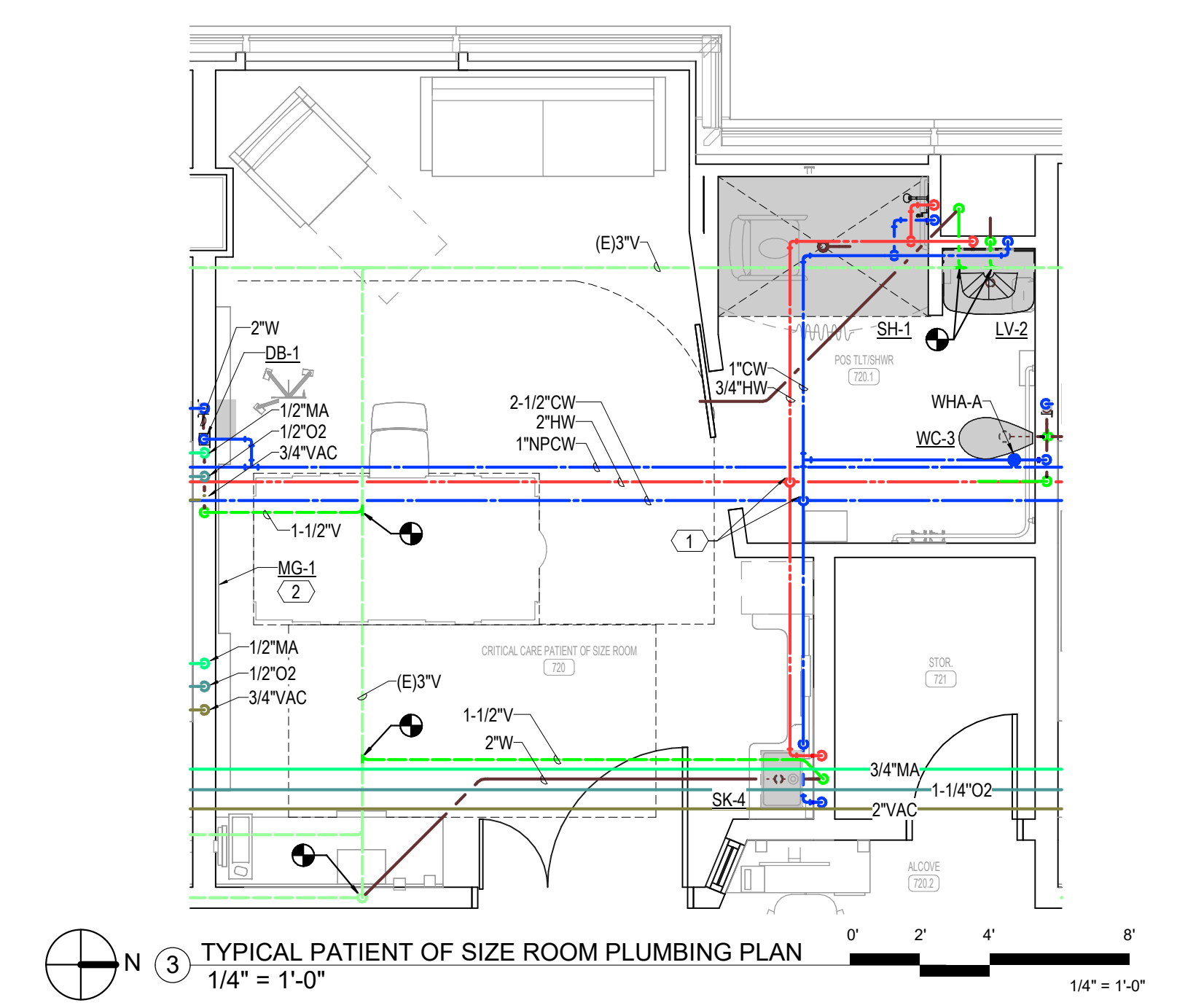
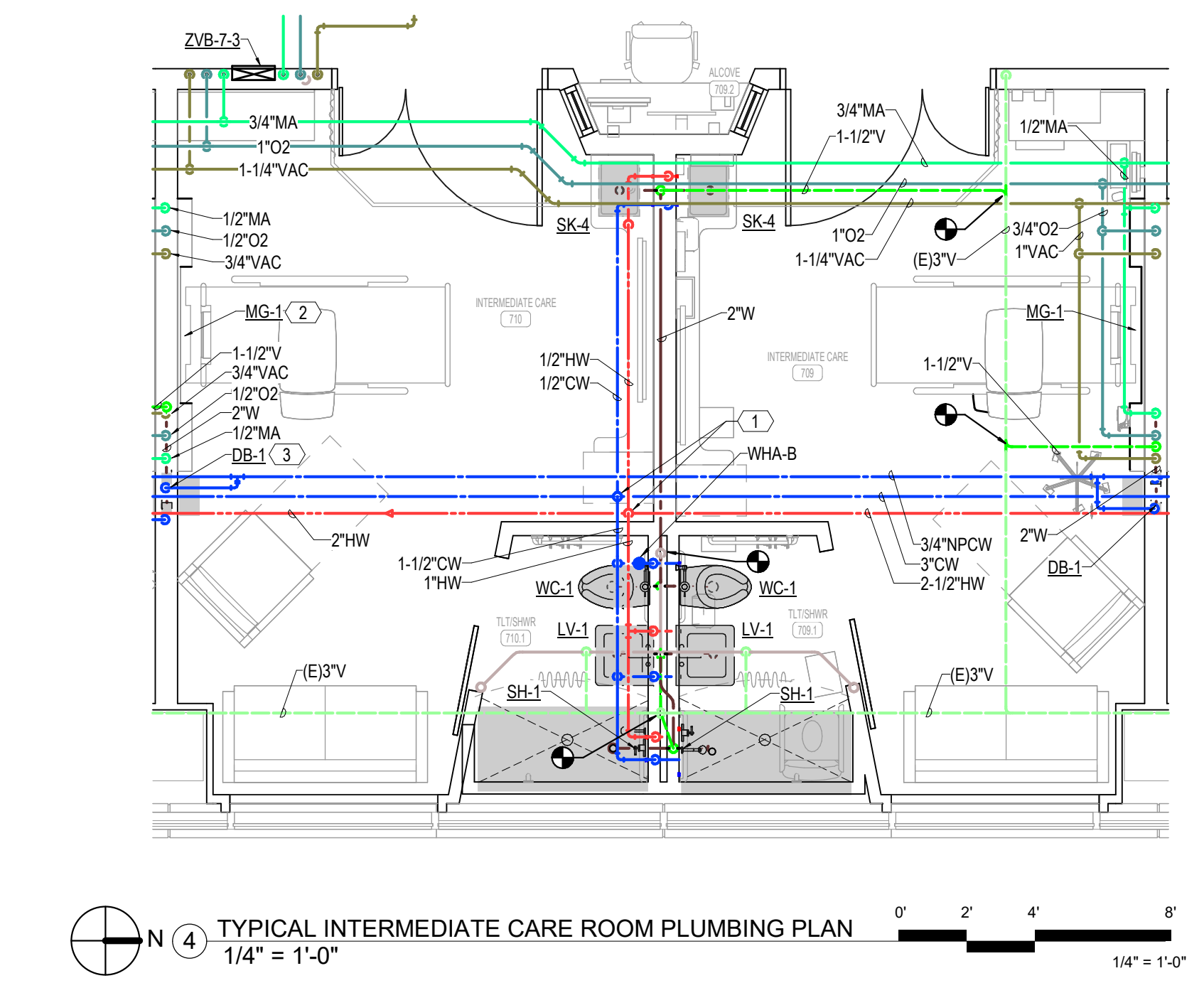


Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

7TH FLOOR
P4.1

PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1625 S. UTICA AVE. SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



Architect Logo

No.	Date	Description



Sheet Name

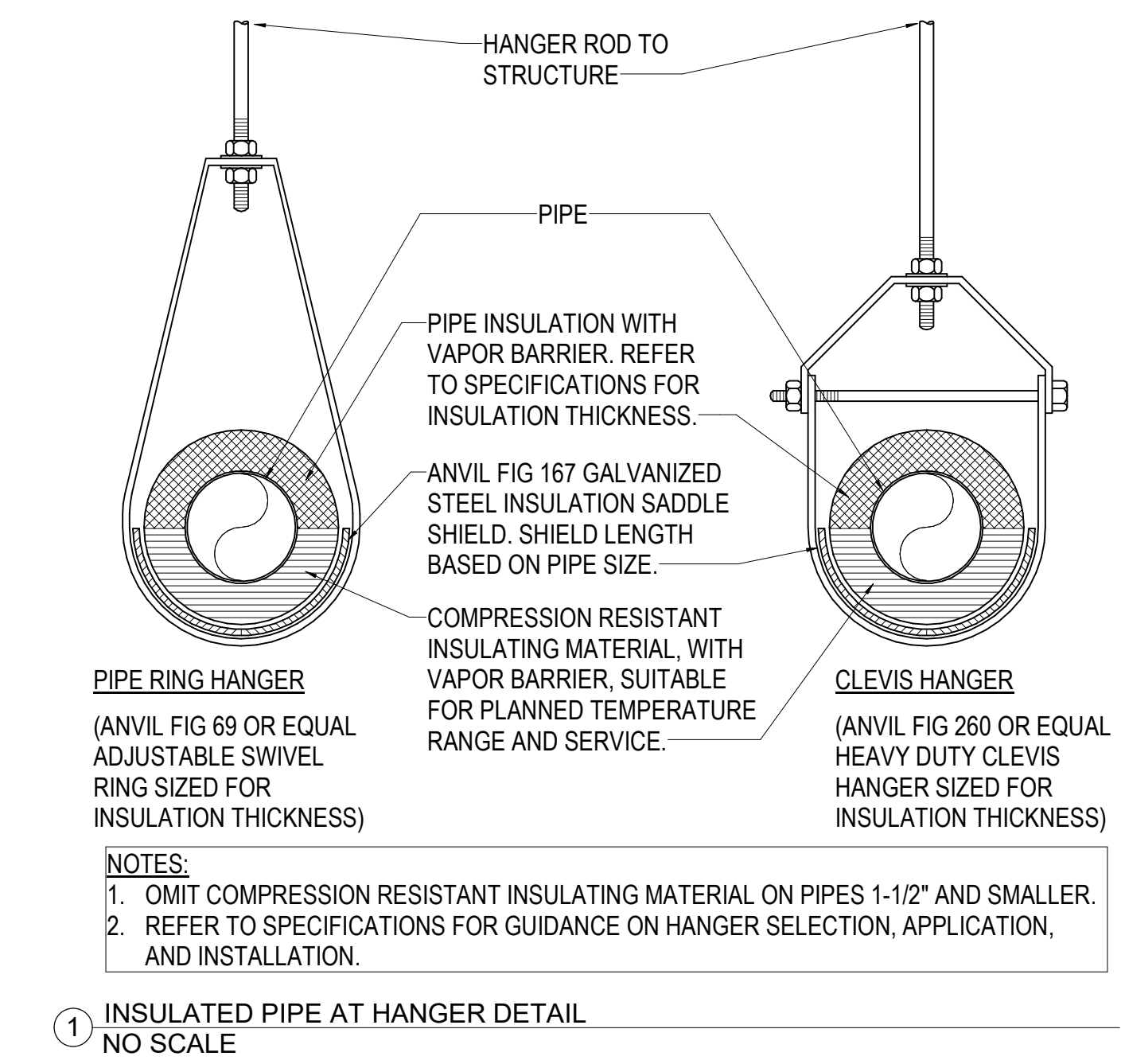
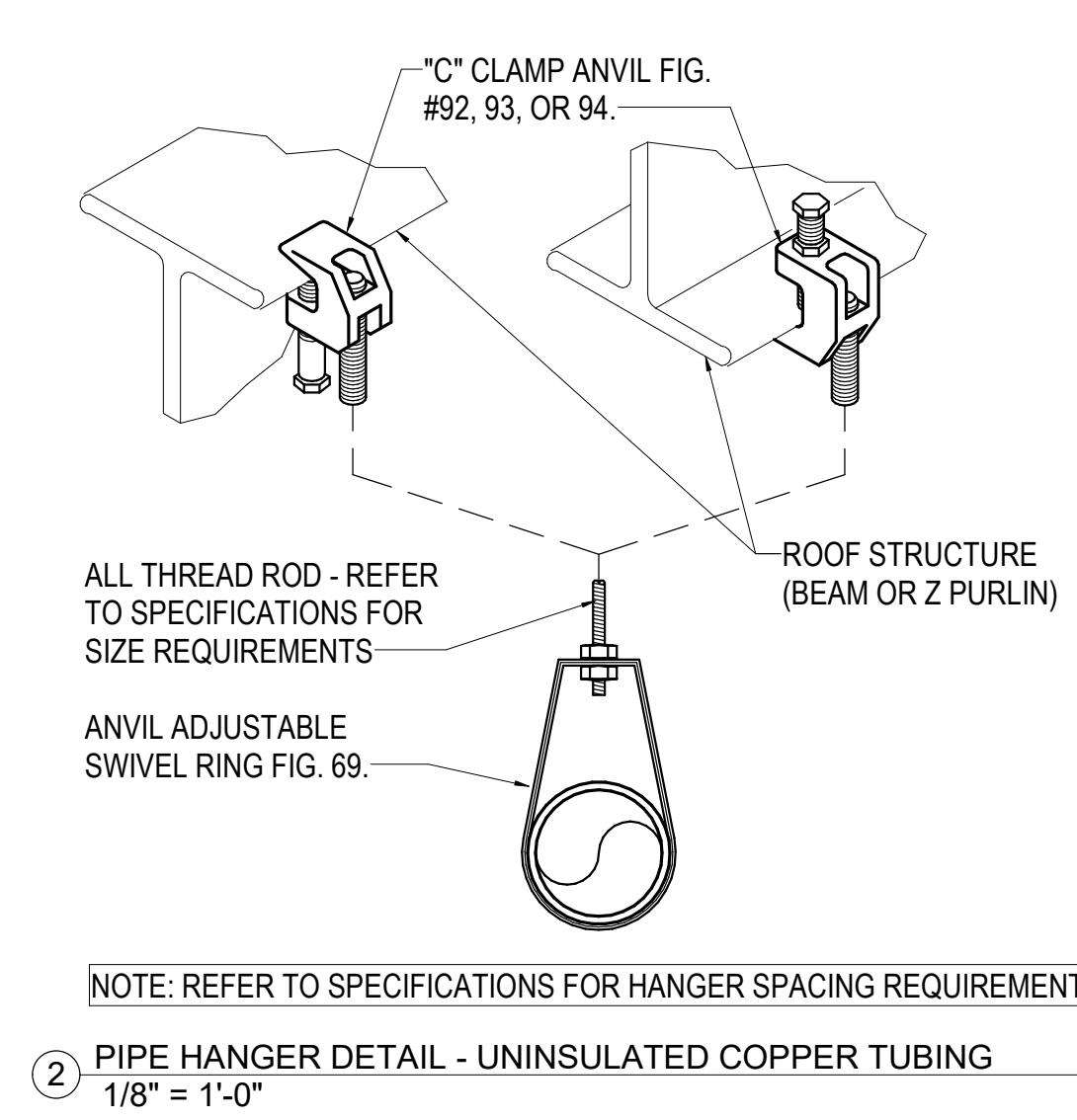
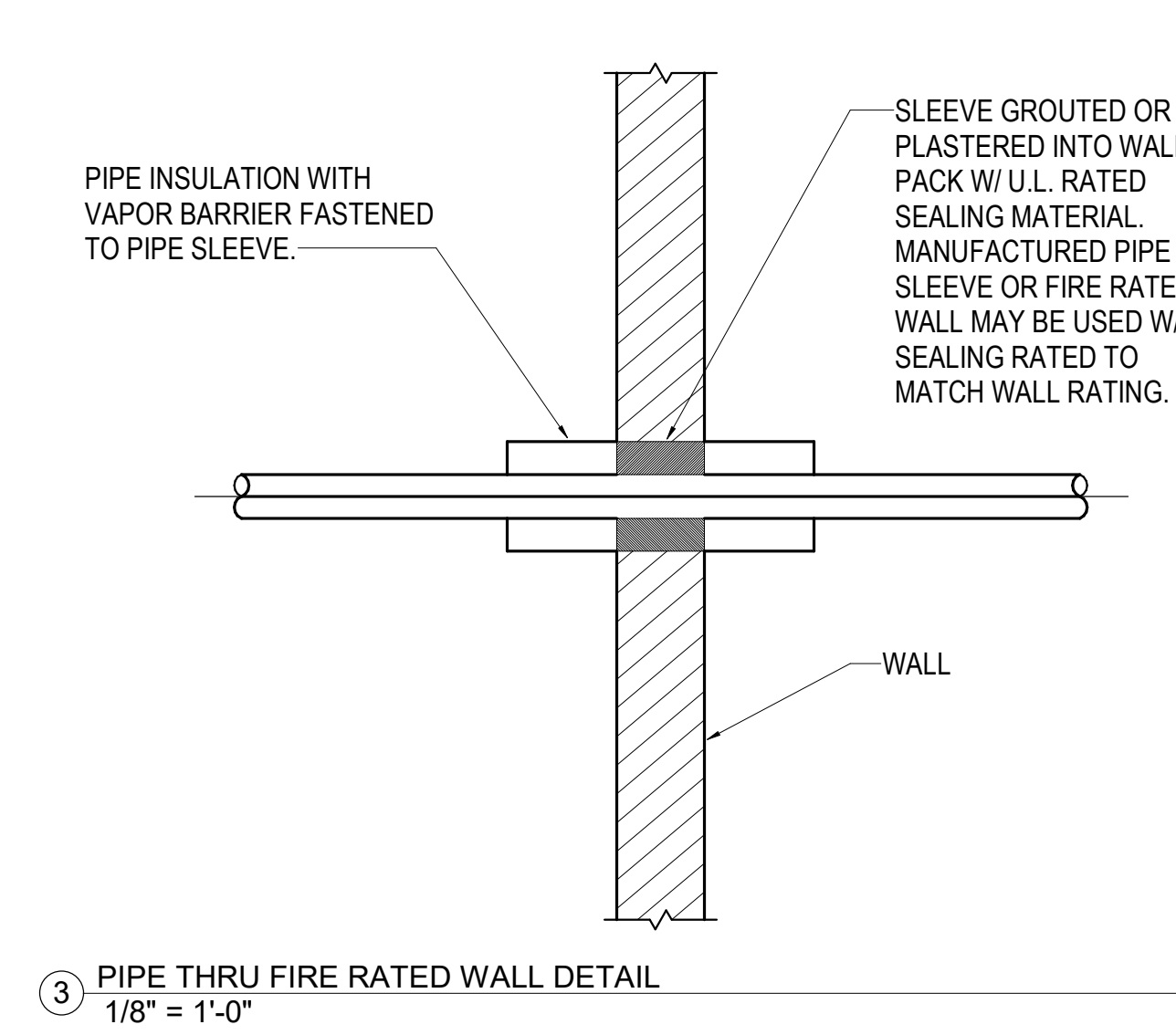
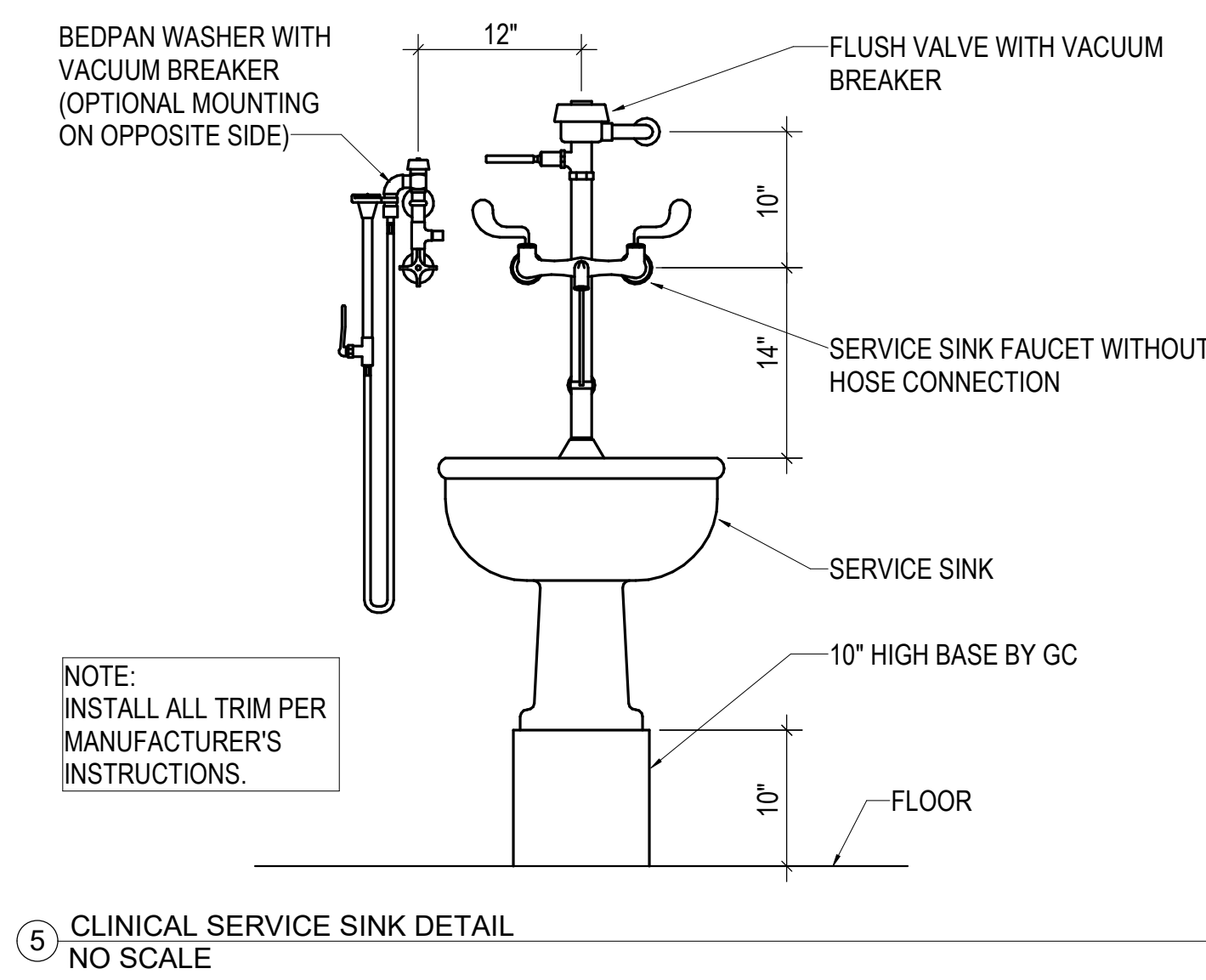
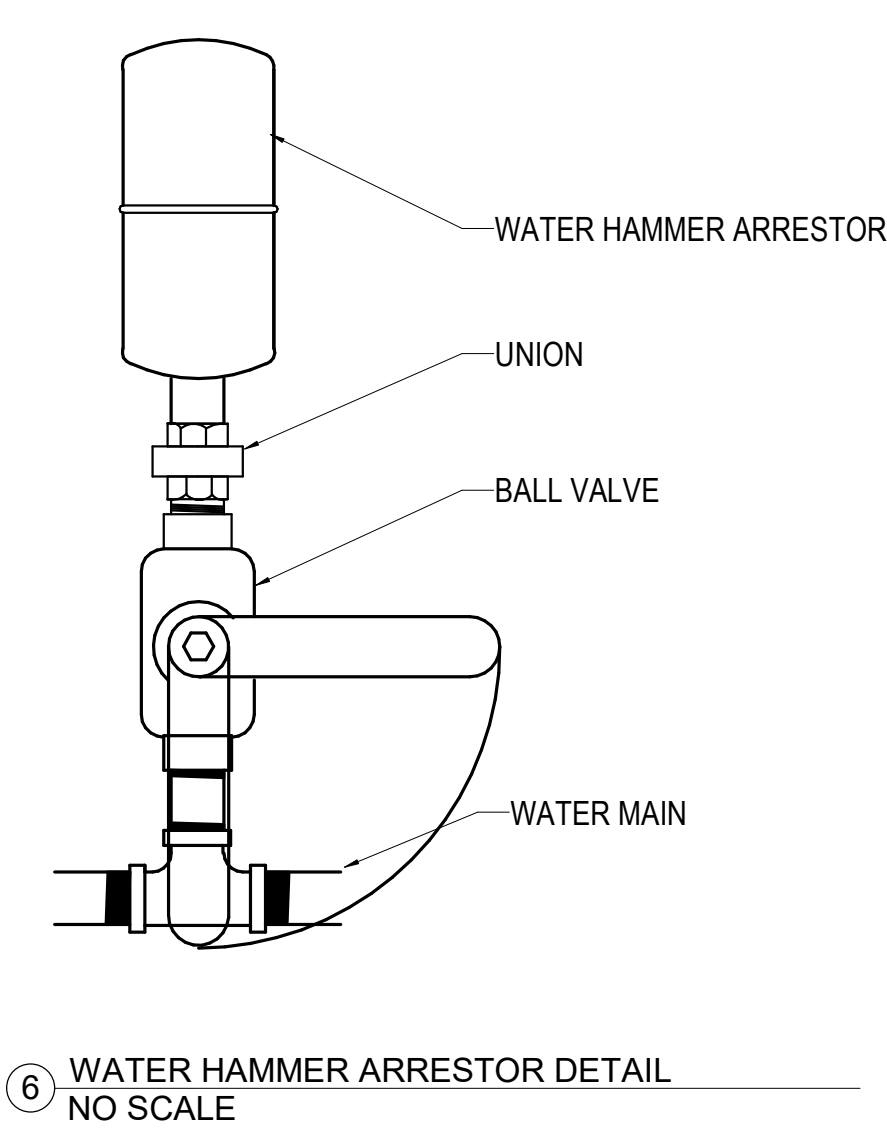
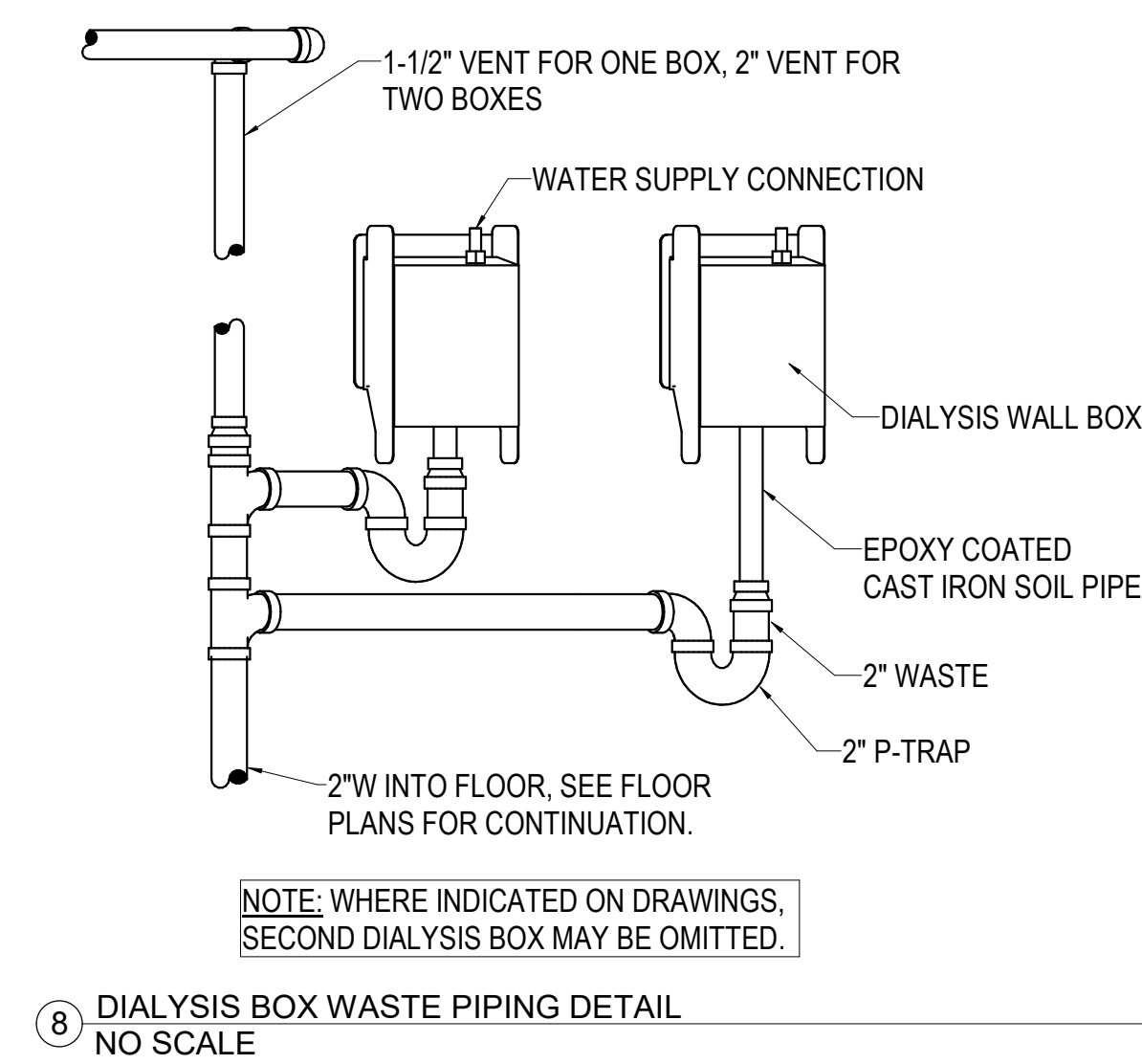
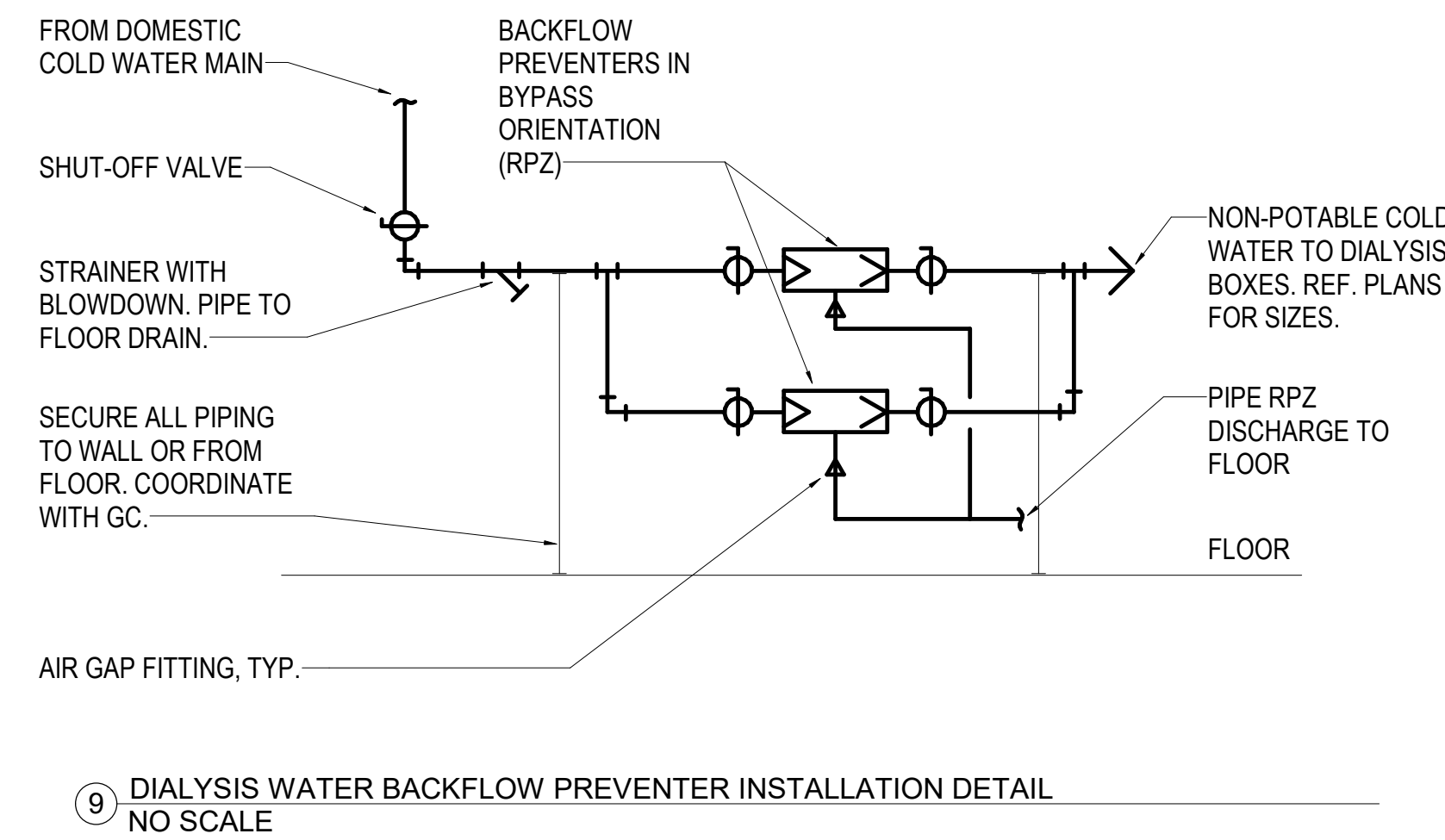
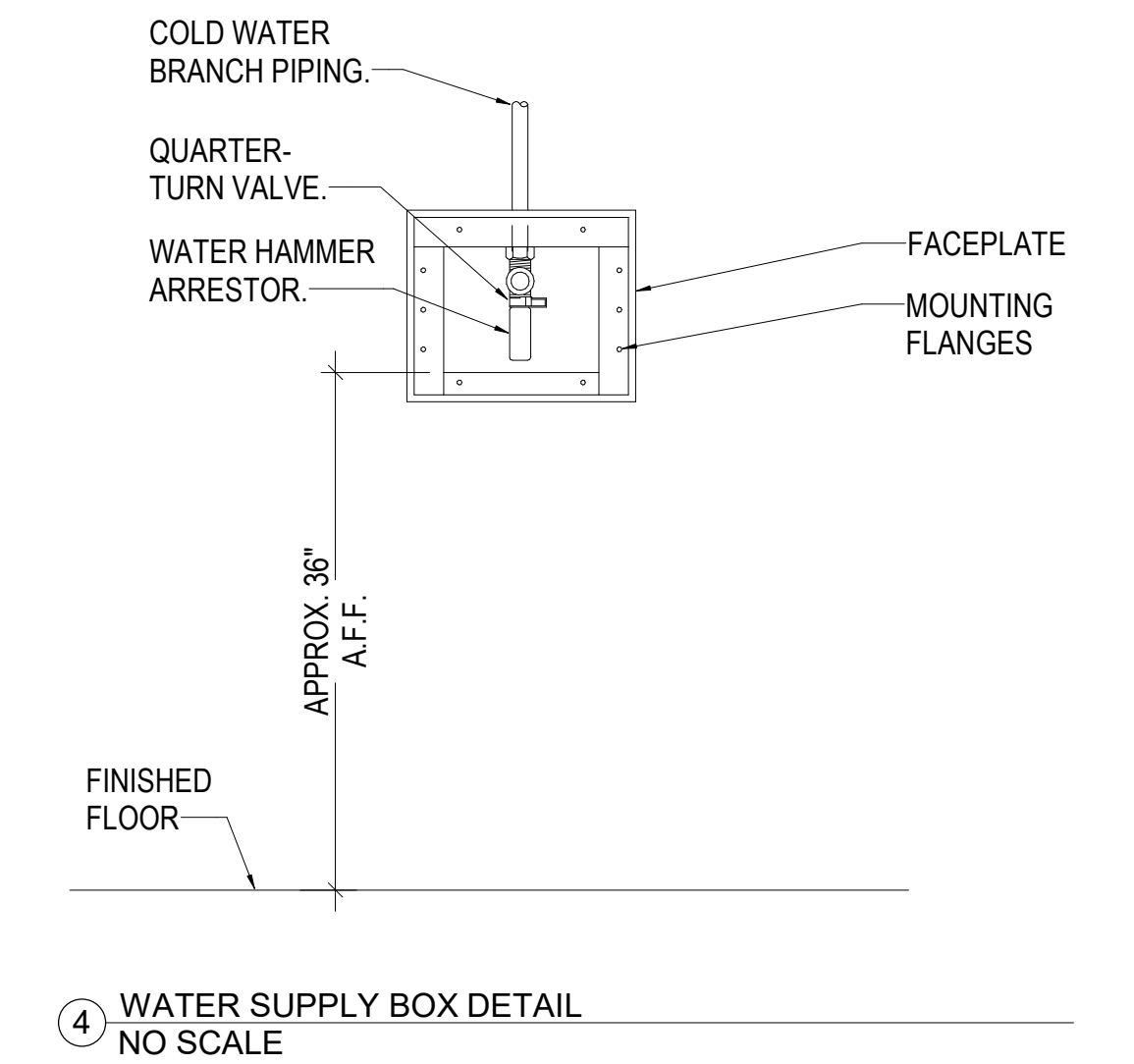
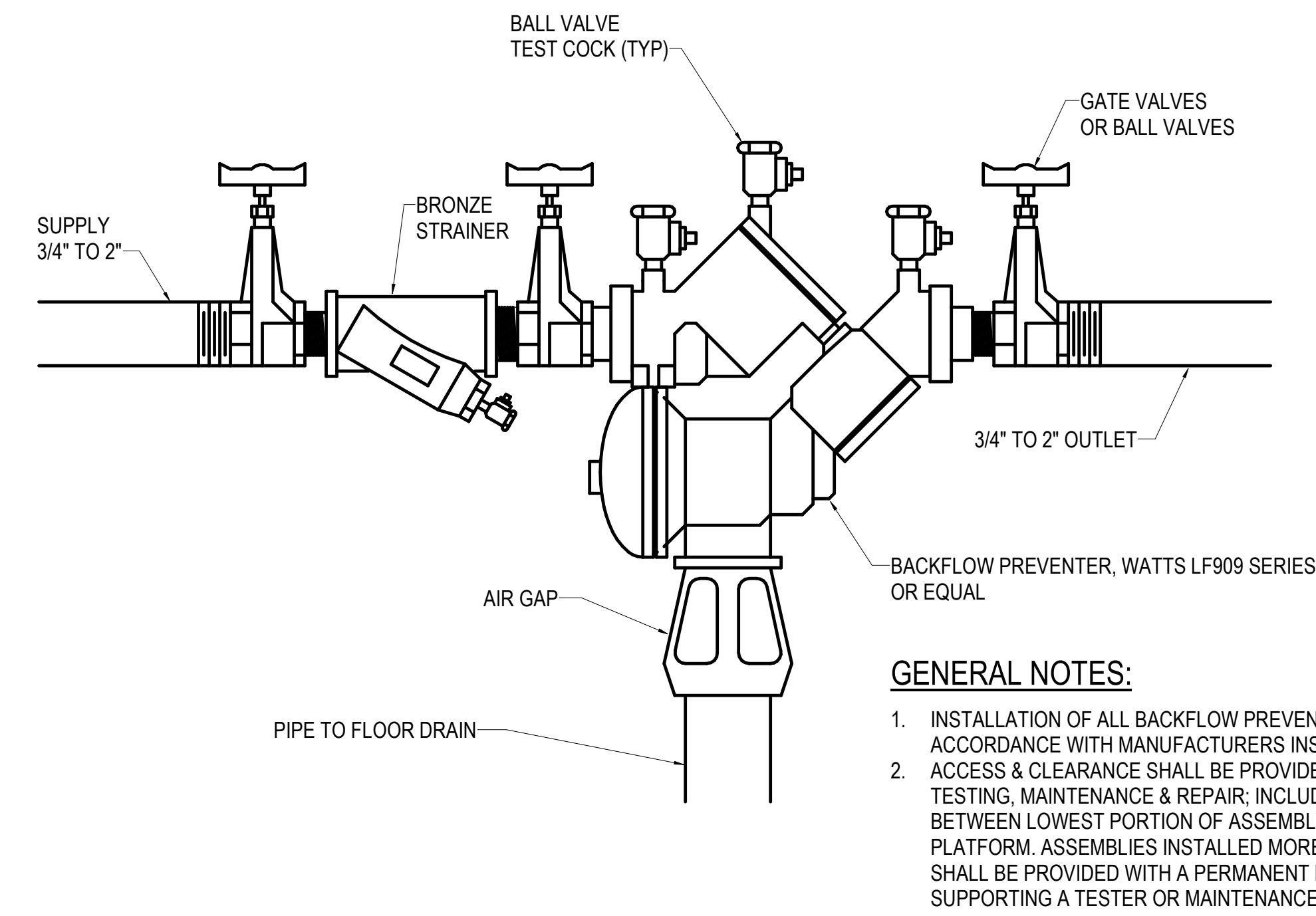
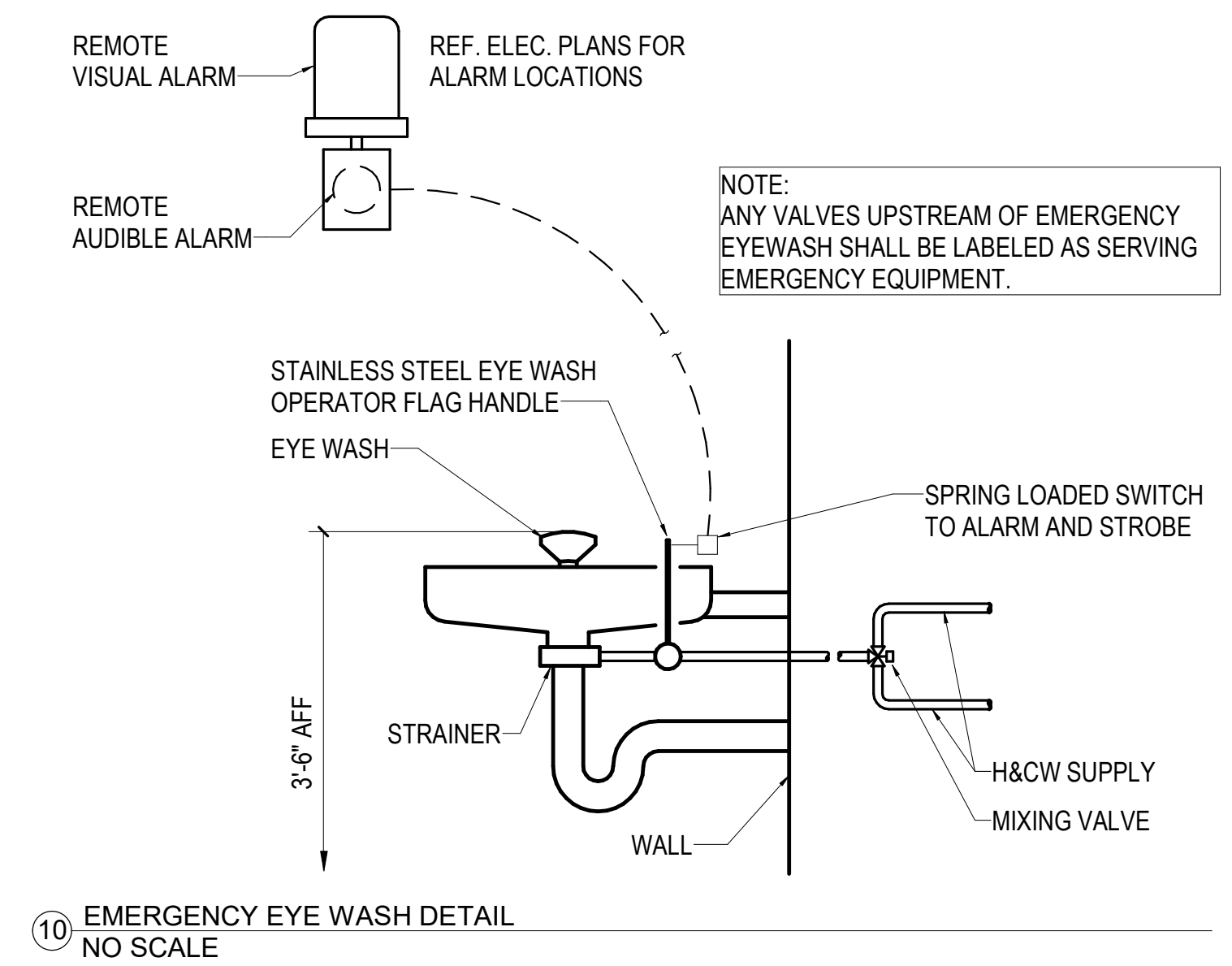
Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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



Sheet No.: P5.1

P.E.C.
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1224 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 P.E.L.S. EXPIRES: DECEMBER 31, 2024
 PEC PROJECT NUMBER: 20179400



11/11/2024 6:35:57 PM Autodesk Docs:JH:ARC: MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MECH_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.

Architect Logo:



No.	Date	Description

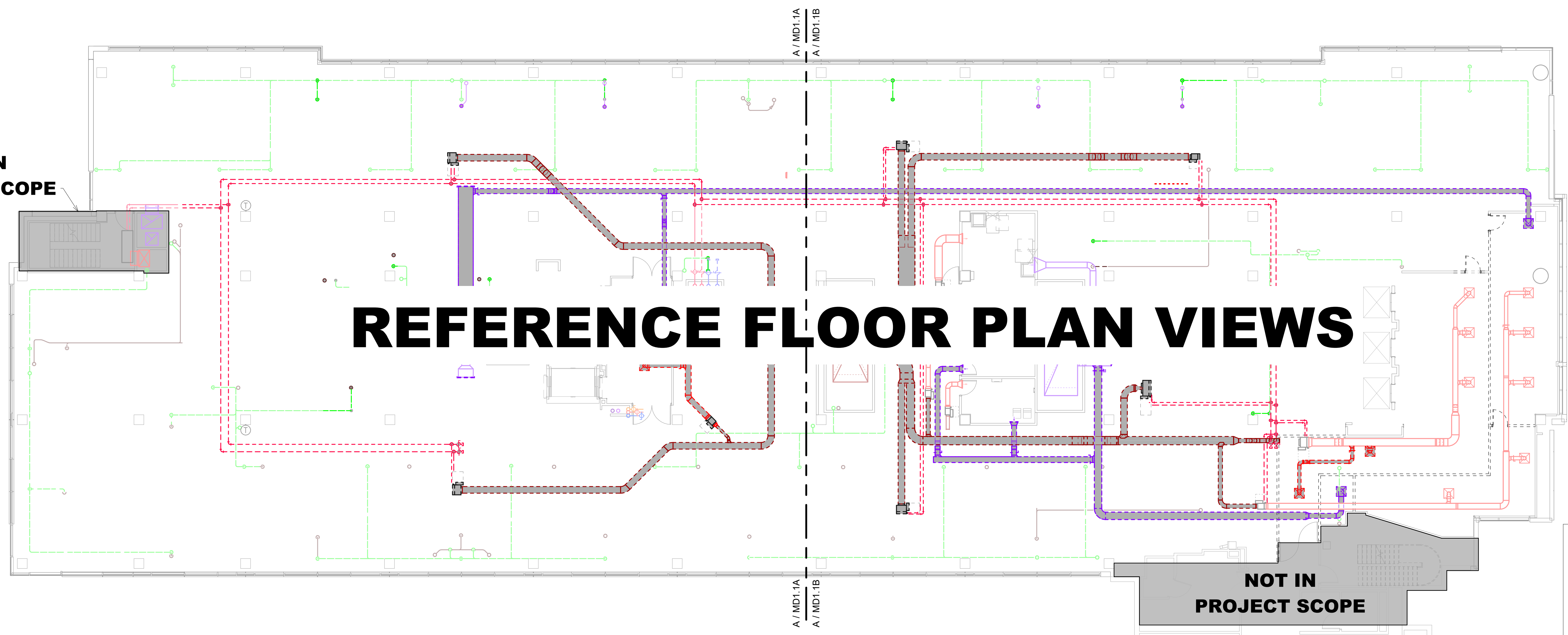


Sheet & Size:

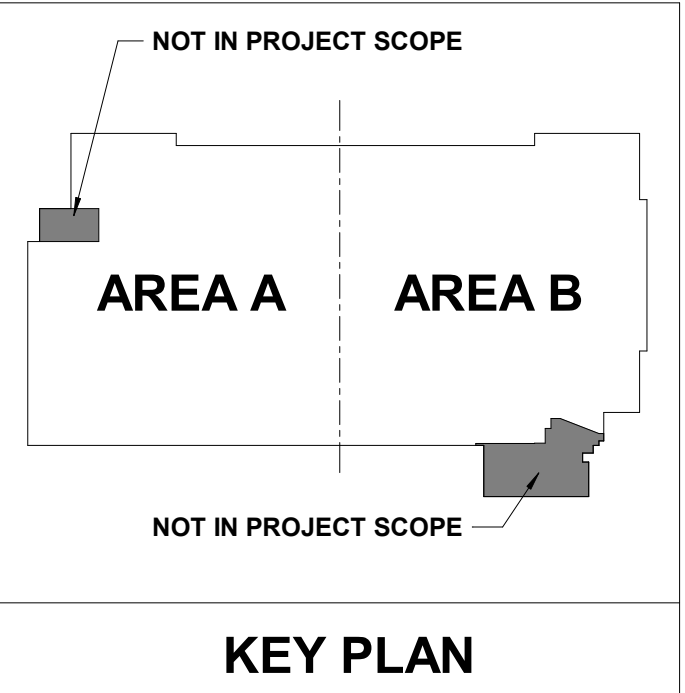
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR MECHANICAL DEMO PLAN - OVERALL
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

NOT IN PROJECT SCOPE

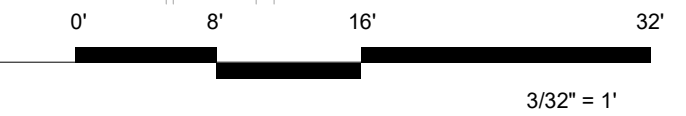
REFERENCE FLOOR PLAN VIEWS



NOT IN PROJECT SCOPE



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

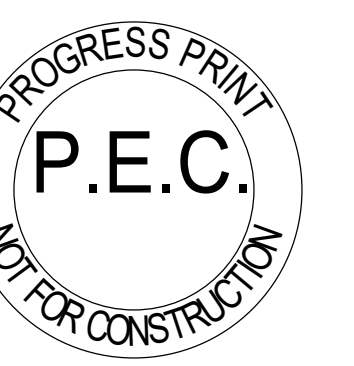


PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1524 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20170400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



7TH FLOOR
MD1.1

No.	Date	Description

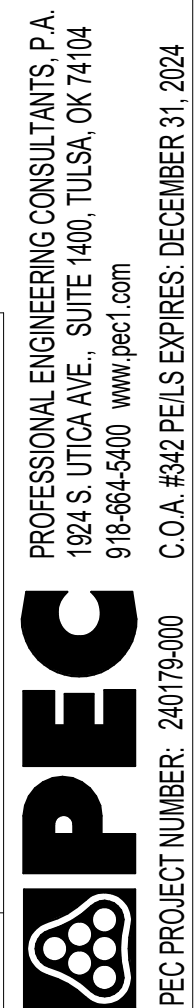


Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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



Floor No.: 7TH FLOOR
 Sheet No.: **M1.1**

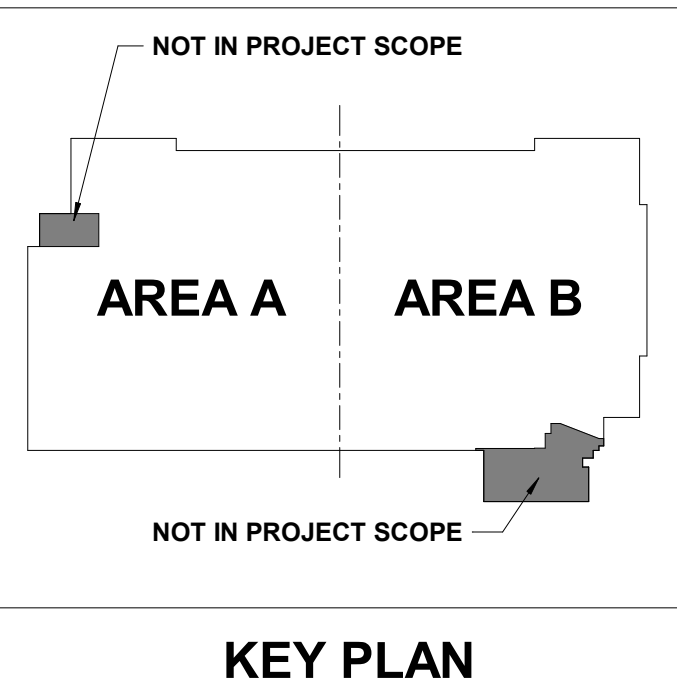
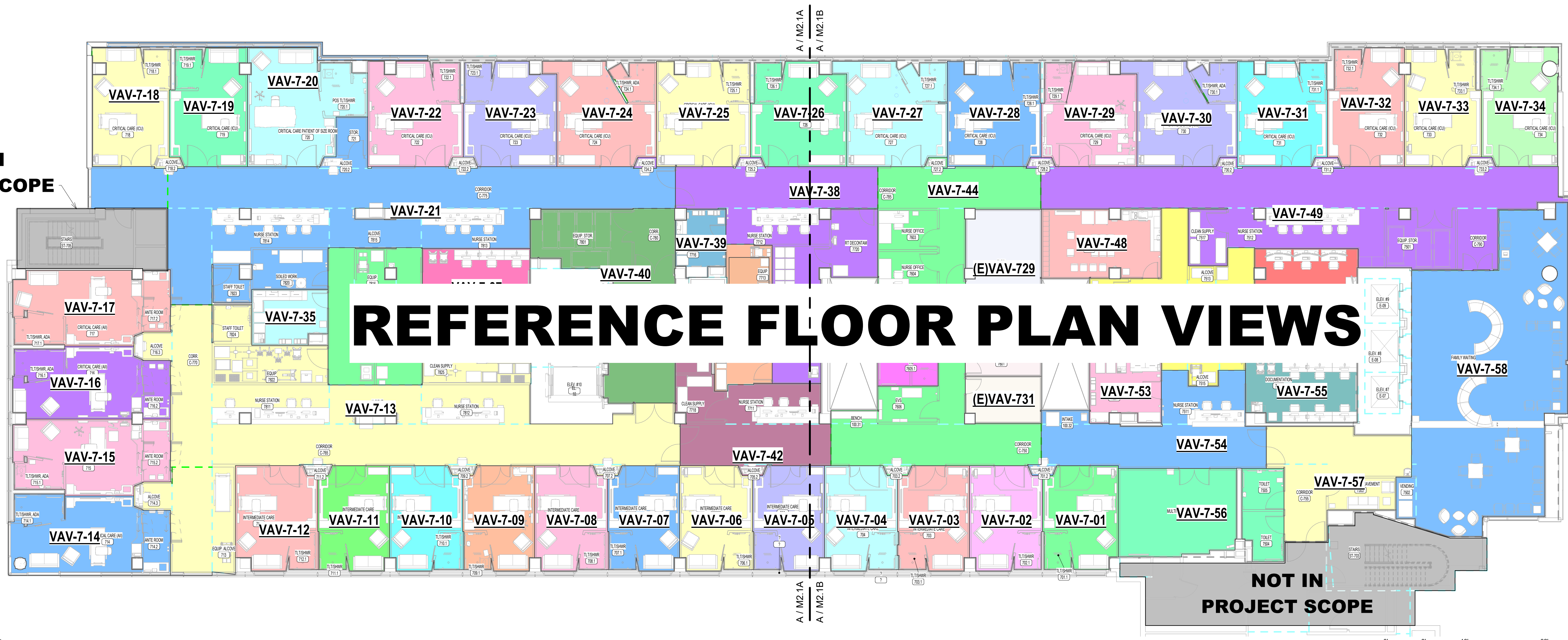


PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1224 S. UTICA AVE., SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 240179400 C.O.A. #942 P.E.I.S. EXPIRES: DECEMBER 31, 2024

NOT IN PROJECT SCOPE

NOT IN PROJECT SCOPE

REFERENCE FLOOR PLAN VIEWS



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



Architect Logo

No.	Date	Description



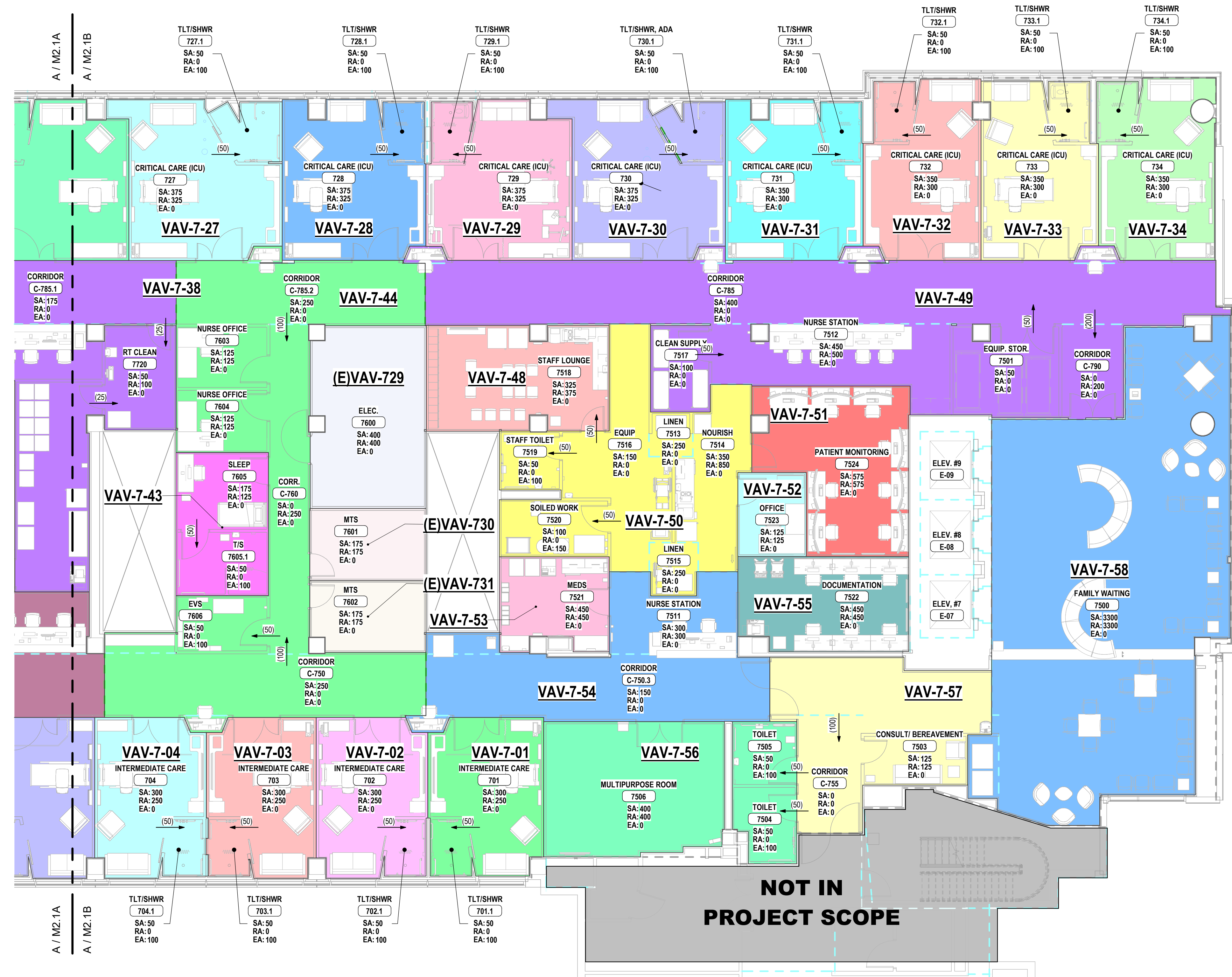
Sheet Name

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

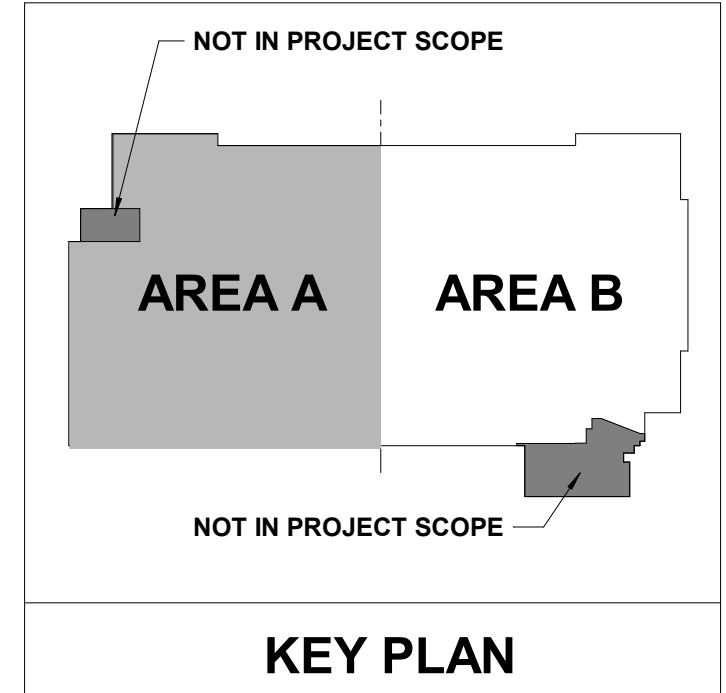
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR AIRFLOW DIAGRAM - AREA B



Floor No.: 7TH FLOOR
 Sheet No.: **M1.1B**



NOT IN PROJECT SCOPE



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



PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1025 S. UTICA AVE., SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20079400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

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 6" 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 GRID SCHEDULE OR WITH ENGINEER TO USE GRID'S OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
5. REFER TO CEILING ALLOCATION DETAIL FOR INSTALLATION ELEVATIONS OF DUCTWORK WITHIN THE CEILING SPACE. UTILIZE JOIST SPACE WHERE POSSIBLE, ESPECIALLY WHEN CROSSING OTHER DUCT, PIPE, AND ELECTRICAL.
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 24"X24" UNLESS NOTED OTHERWISE. LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT AND THE LOCATIONS OF THE EQUIPMENT THEY SERVE.
8. REFER TO GRID 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

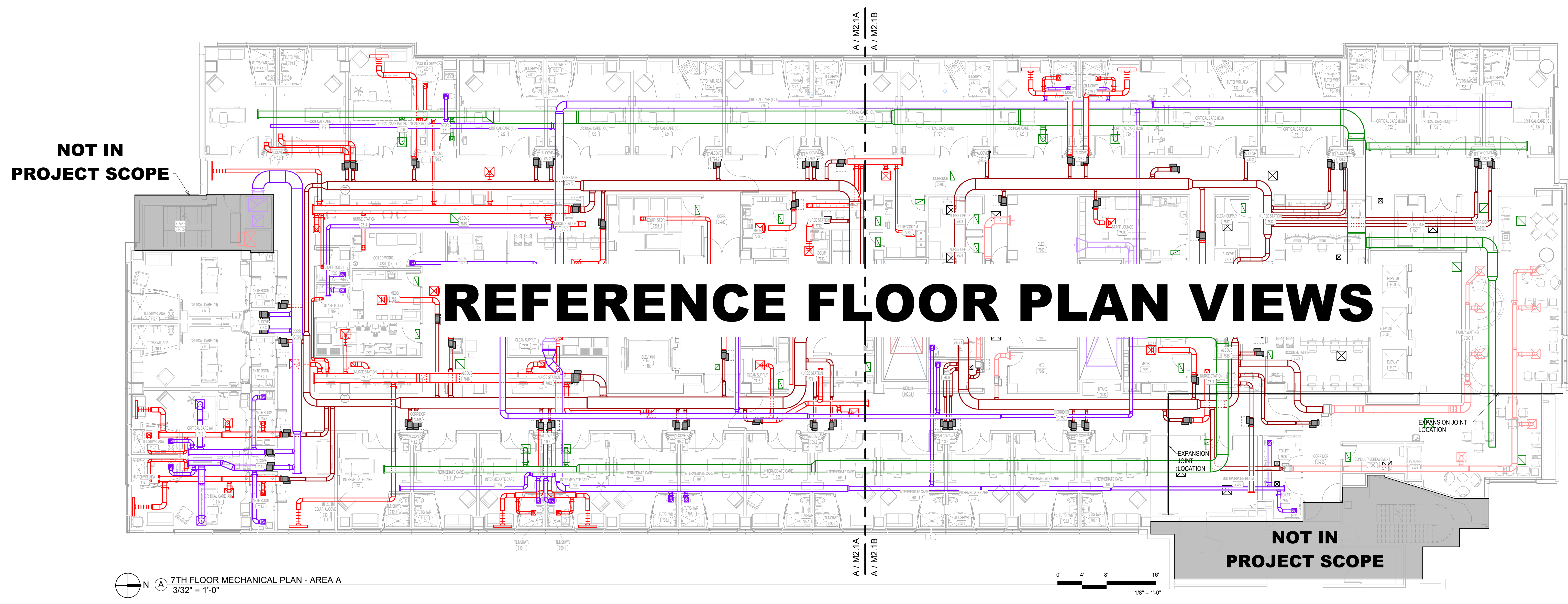


Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

Mercy
 7TH FLOOR
M2.1

PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1625 S. UTICA AVE. SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 24079400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



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

HVAC GENERAL NOTES

- DUCT SIZES SHOWN ARE ACTUAL INSIDE CLEAR DIMENSIONS. INSULATION THICKNESS HAS NOT BEEN ACCOUNTED FOR. DUCTWORK EXPOSED TO SPACE SHALL NOT HAVE EXTERIOR INSULATION.
- 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 GRD SCHEDULE OR WITH ENGINEER TO USE OBD'S OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
- REFER TO CEILING ALLOCATION DETAIL FOR INSTALLATION ELEVATIONS OF DUCTWORK WITHIN THE CEILING SPACE. UTILIZE JOIST SPACE WHERE POSSIBLE, ESPECIALLY WHEN CROSSING OTHER DUCT, PIPE, AND ELECTRICAL.
- PROVIDE FLEXIBLE DUCT AND PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
- 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.
- REFER TO GRD SCHEDULE FOR DUCT CONNECTION SIZES. REFER TO TERMINAL BOX SCHEDULE FOR INLET DUCT SIZES.
- 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.

SHEET KEYNOTES

No.	Date	Description



Architect Logo

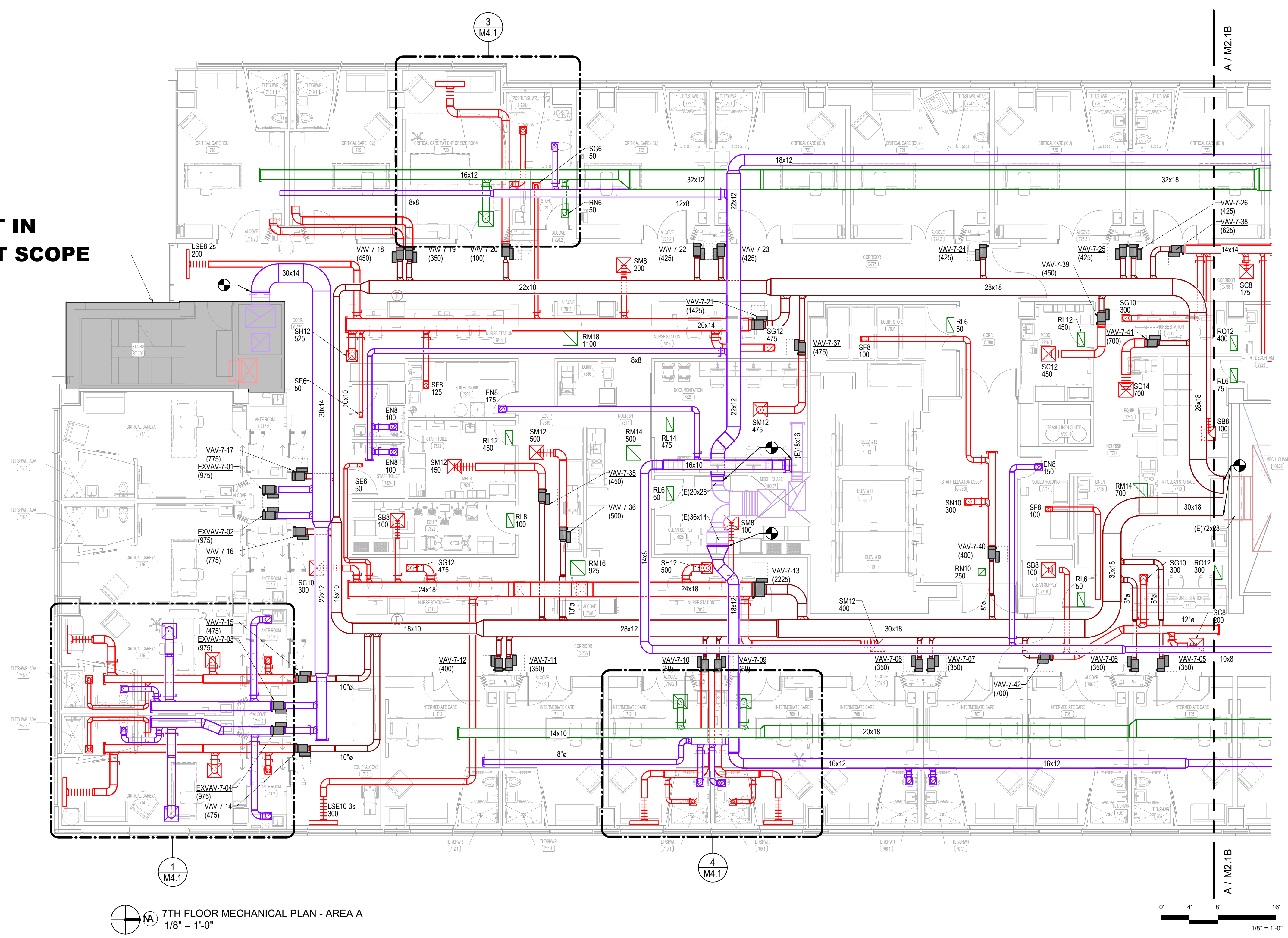
Project No.: 2040-821203
Date: 11/13/2024
Scale: As indicated

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

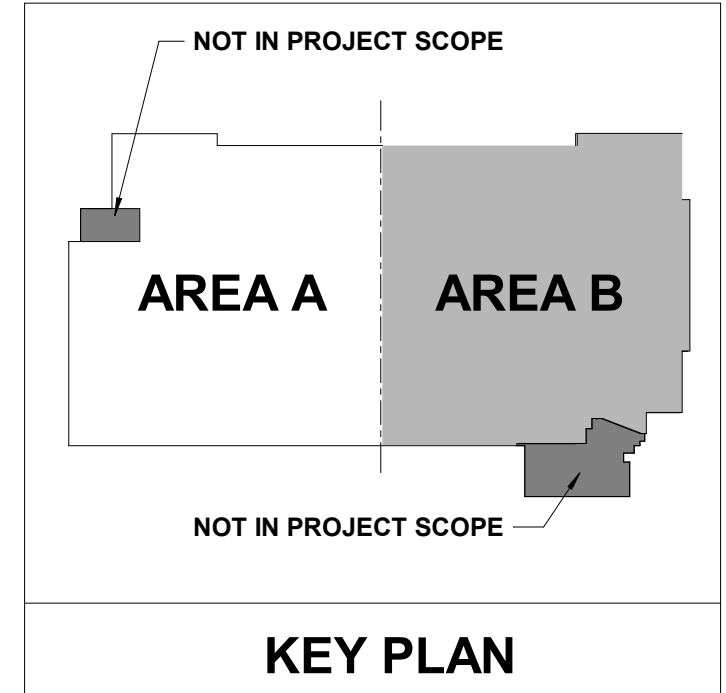
Mercy
7TH FLOOR
M2.1A

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1625 S. UTICA AVE., SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 24079400 C.O.A. #942 FEELS EXPRESS, DECEMBER 11, 2024

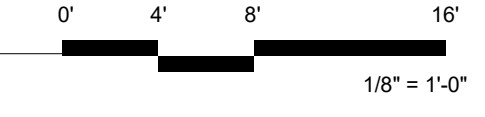
NOT IN PROJECT SCOPE



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



KEY PLAN

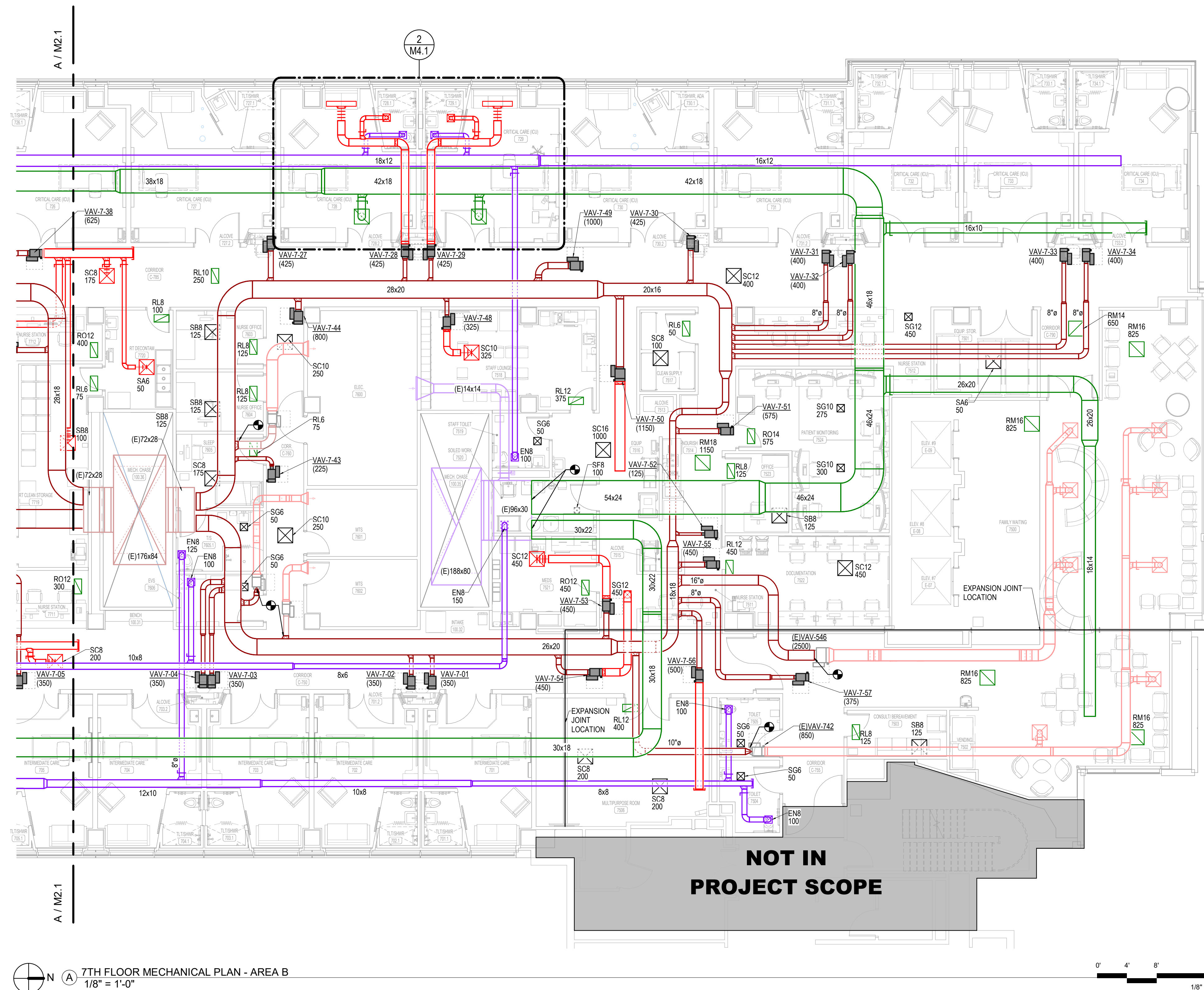


HVAC GENERAL NOTES

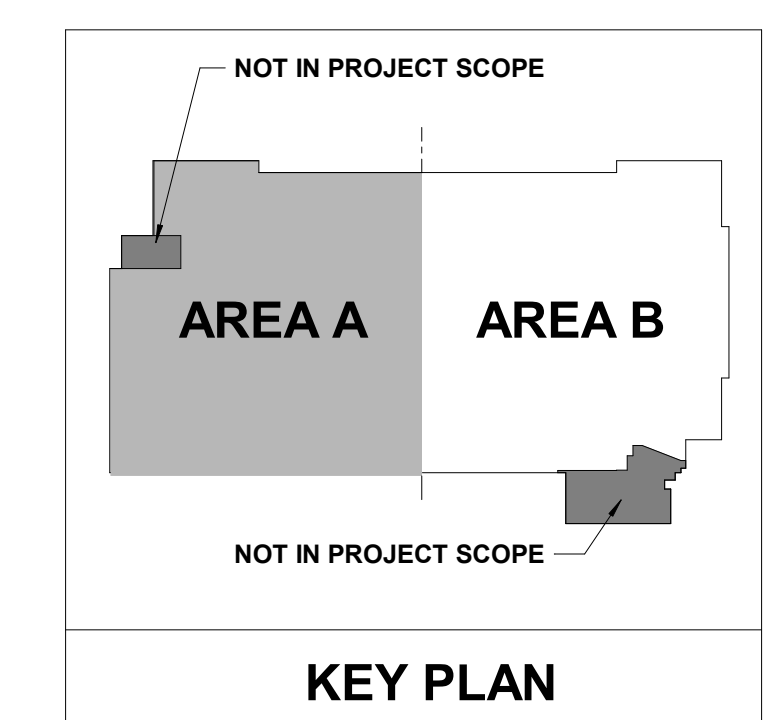
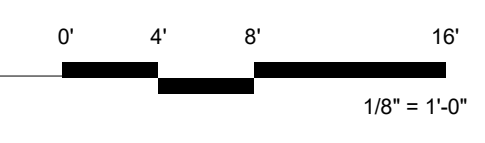
- DUCT SIZES SHOWN ARE ACTUAL INSIDE CLEAR DIMENSIONS. INSULATION THICKNESS HAS NOT BEEN ACCOUNTED FOR. DUCTWORK EXPOSED TO SPACE SHALL NOT HAVE EXTERIOR INSULATION.
- T-STATS SHALL BE LOCATED NEXT TO LIGHT SWITCH WITHIN THE ROOM SHOWN. COORDINATE WITH GR-AND ELECTRICAL CONTRACTOR TO MATCH HEIGHT AND 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 GRD SCHEDULE OR WITH ENGINEER TO USE OBD'S OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
- REFER TO CEILING ALLOCATION DETAIL FOR INSTALLATION ELEVATIONS OF DUCTWORK WITHIN THE CEILING SPACE. UTILIZE JOIST SPACE WHERE POSSIBLE ESPECIALLY WHEN CROSSING OTHER DUCT, PIPE, AND ELECTRICAL.
- PROVIDE FLEXIBLE DUCT AND PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
- 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.
- REFER TO GRD SCHEDULE FOR DUCT CONNECTION SIZES. REFER TO TERMINAL BOX SCHEDULE FOR INLET DUCT SIZES.
- 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.

SHEET KEYNOTES

No.	Date	Description



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



MEPC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S. UTICA AVE., SUITE 400, TULSA, OK 74104
918-584-5400 www.mepc.com
C.O.A. #9427EJS EXP/RES. DECEMBER 31, 2024
PEC PROJECT NUMBER: 20170900

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

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



Mercy
7TH FLOOR
M2.1B

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.
4. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT.
5. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
6. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING 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 Logo



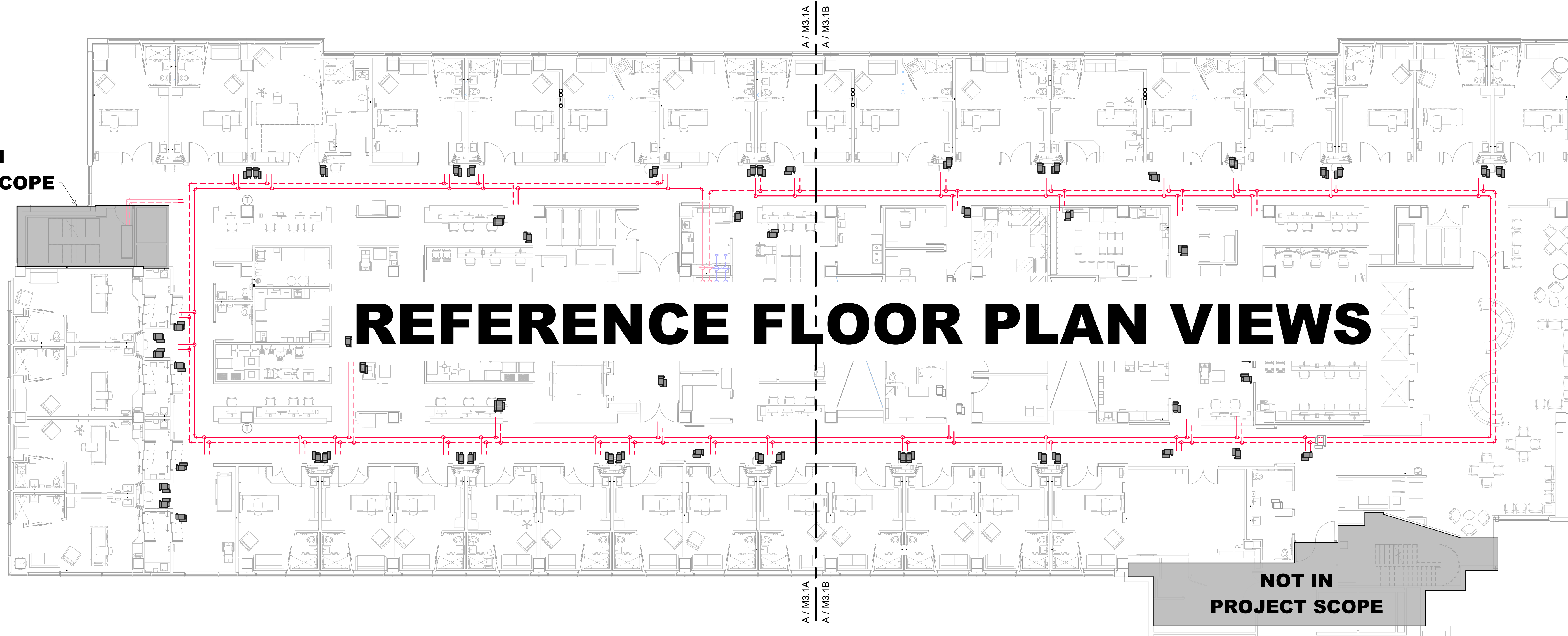
No.	Date	Description



Step & Size

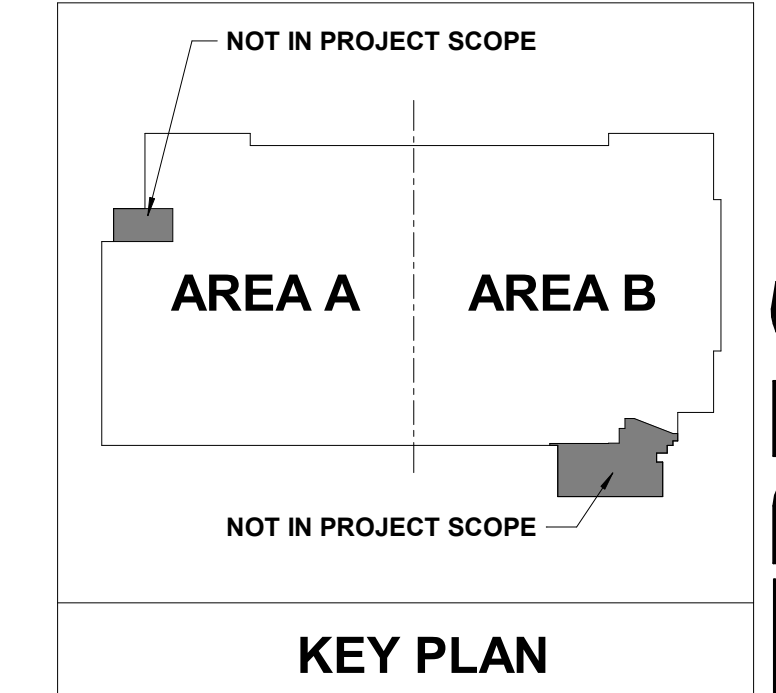
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR MECHANICAL PIPING PLAN - OVERALL
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

NOT IN PROJECT SCOPE



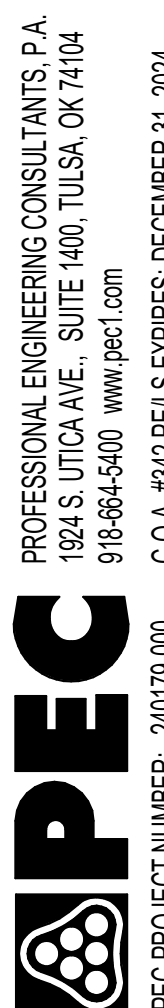
REFERENCE FLOOR PLAN VIEWS

NOT IN PROJECT SCOPE



KEY PLAN

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



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



7TH FLOOR
M3.1

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.
4. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT.
5. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
6. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING IN AN ACCESSIBLE LOCATION, OR WITH ACCESS PANELS IN HARD LID CEILING. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE. COORDINATE PANEL LOCATIONS WITH ARCHITECT. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILING.
7. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILING.

SHEET KEYNOTES



Architect Logo

No.	Date	Description



Sheet & Rev

Building No.: 1388
 Rogers 7th Floor ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR MECHANICAL PIPING PLAN - AREA A
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

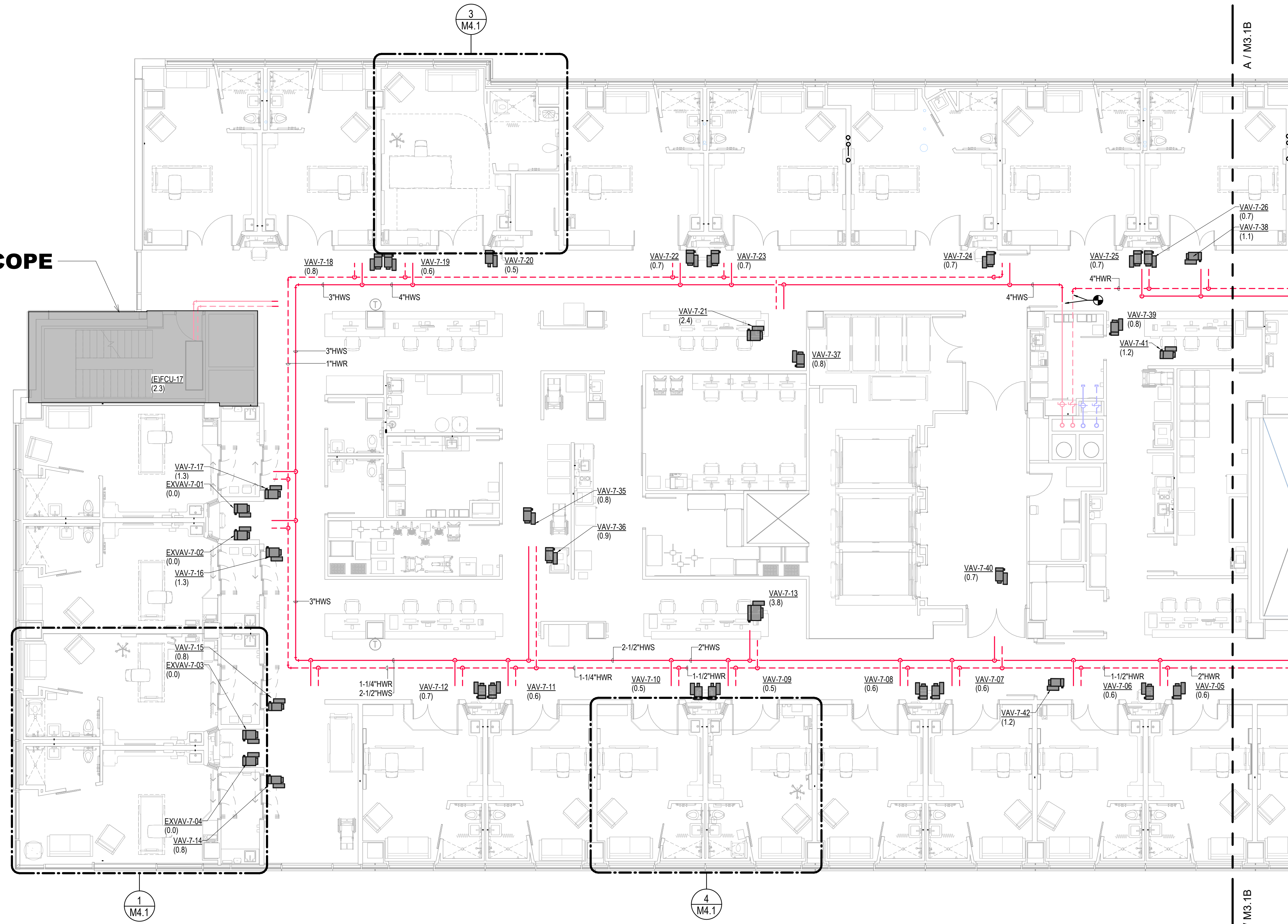
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: 7TH FLOOR MECHANICAL PIPING PLAN - AREA A
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated



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

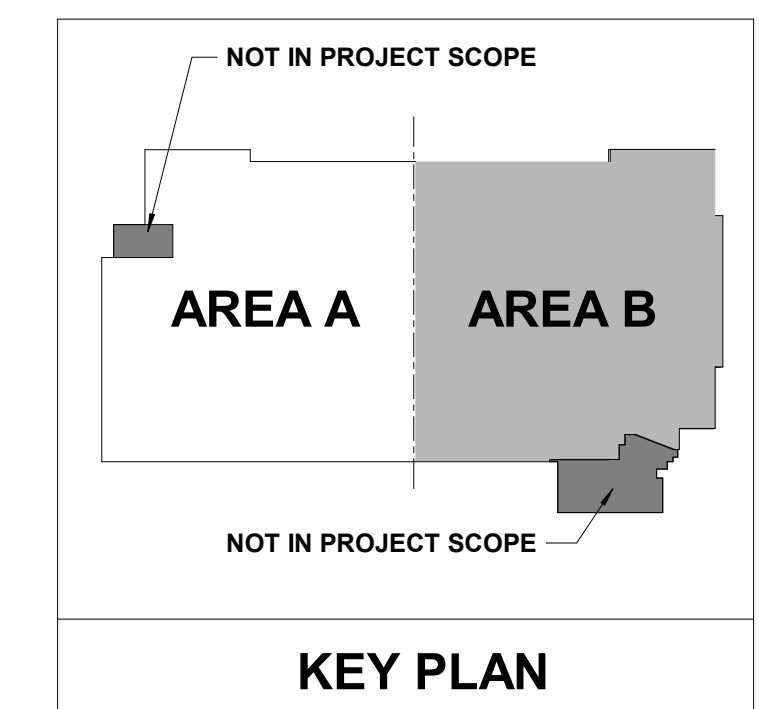
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20079400 C.O.A. #942 PE/LS EXPIRES: DECEMBER 31, 2024

NOT IN PROJECT SCOPE



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

1/8" = 1'-0"



KEY PLAN

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. PROVIDE FLEXIBLE PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
3. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT.
4. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
5. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILING IN AN ACCESSIBLE LOCATION. OR WITH ACCESS PANELS IN HARD LID CEILING. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE. COORDINATE PANEL LOCATIONS WITH ARCHITECT. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILING.

SHEET KEYNOTES



Architect Logo

No.	Date	Description



Sheet No.

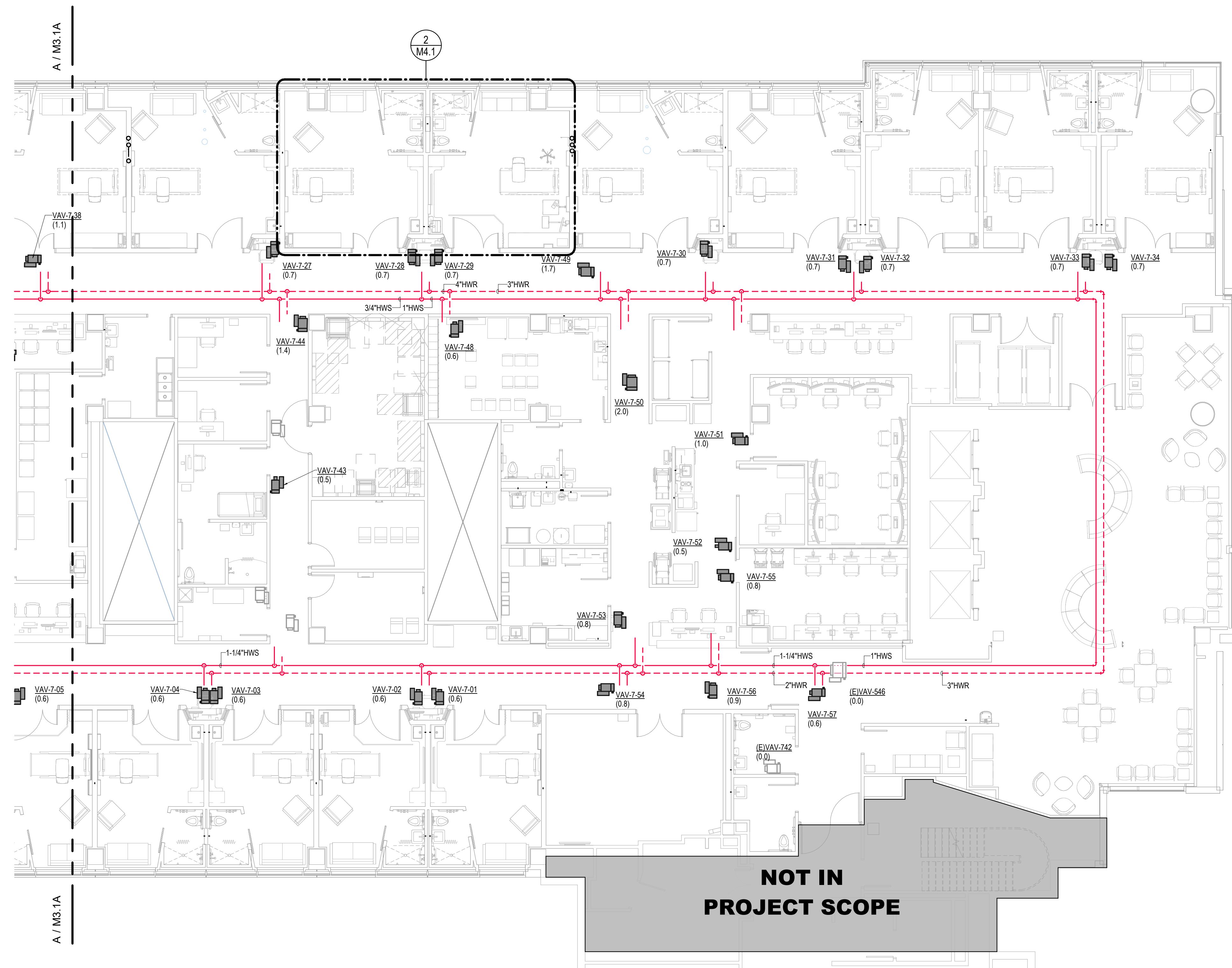
Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

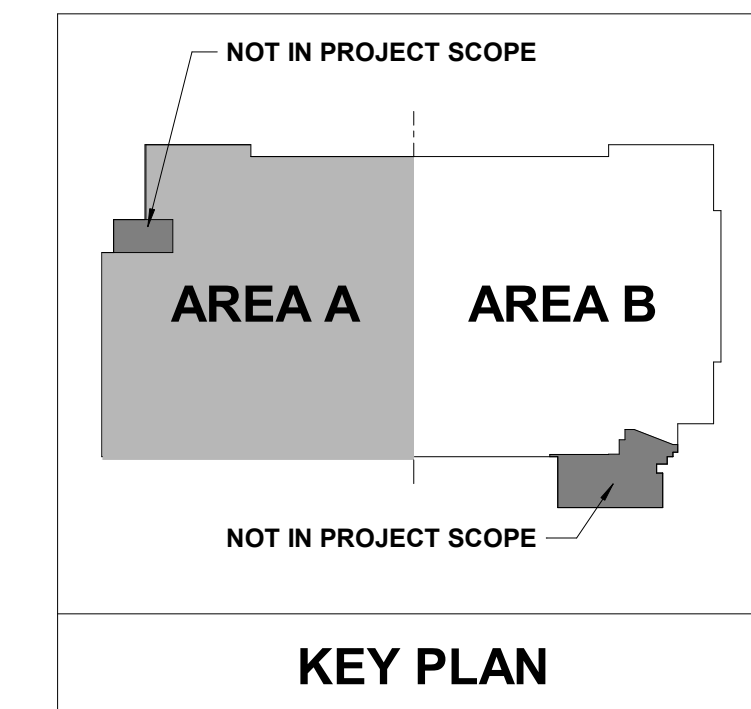


Floor No.: 7TH FLOOR
 Sheet No.: **M3.1B**

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1625 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20170400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



7TH FLOOR MECHANICAL PLAN - AREA B
 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 CEILING.
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 SPACES 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.

No.	Date	Description

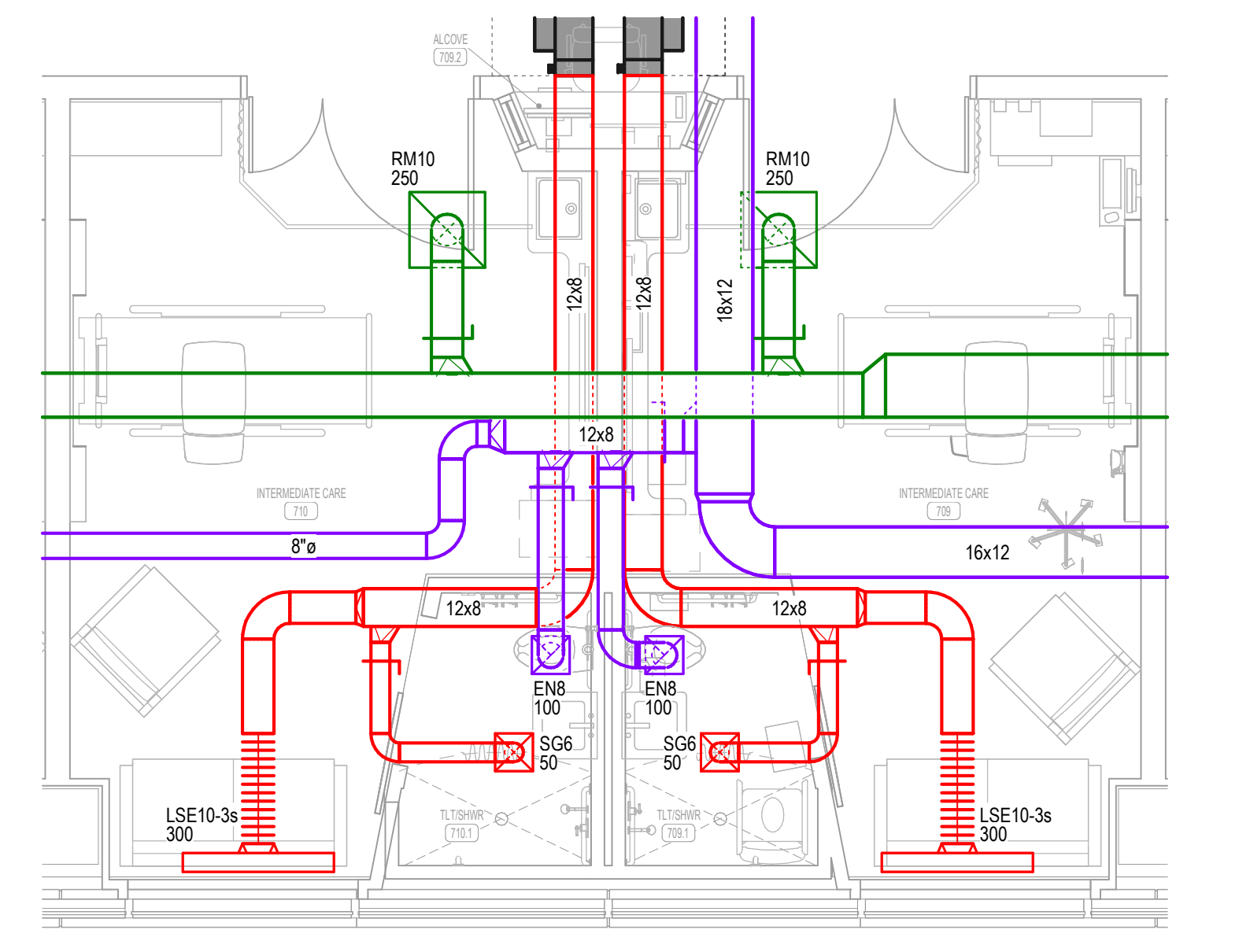


Step & Shop:
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

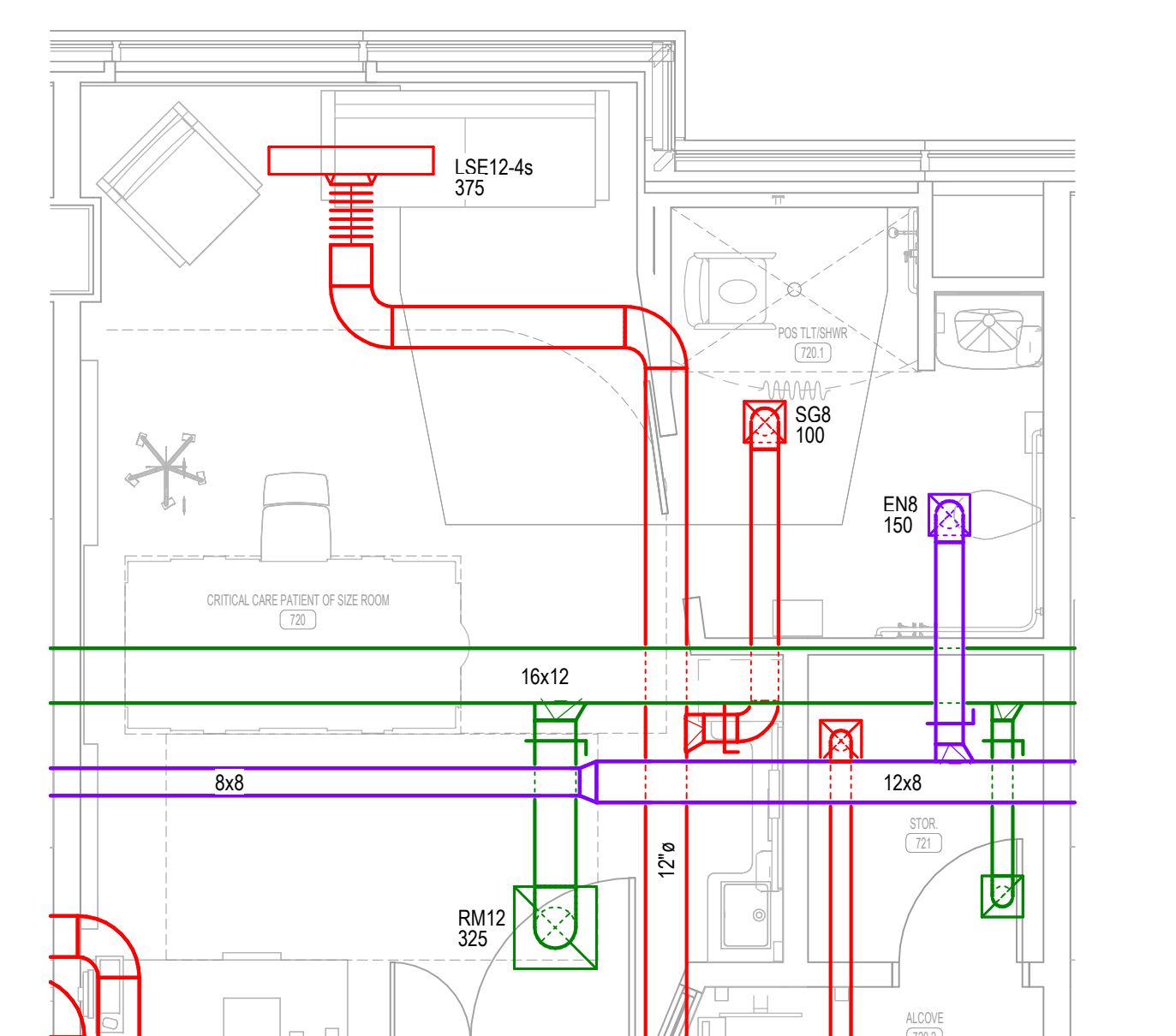
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758
 Sheet Name: **7TH FLOOR MECHANICAL PLANS - ENLARGED PAT. ROOMS**

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1625 S. UTICA AVE. SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20170400 C.O.A. #042 PE/LS EXPIRES: DECEMBER 31, 2024

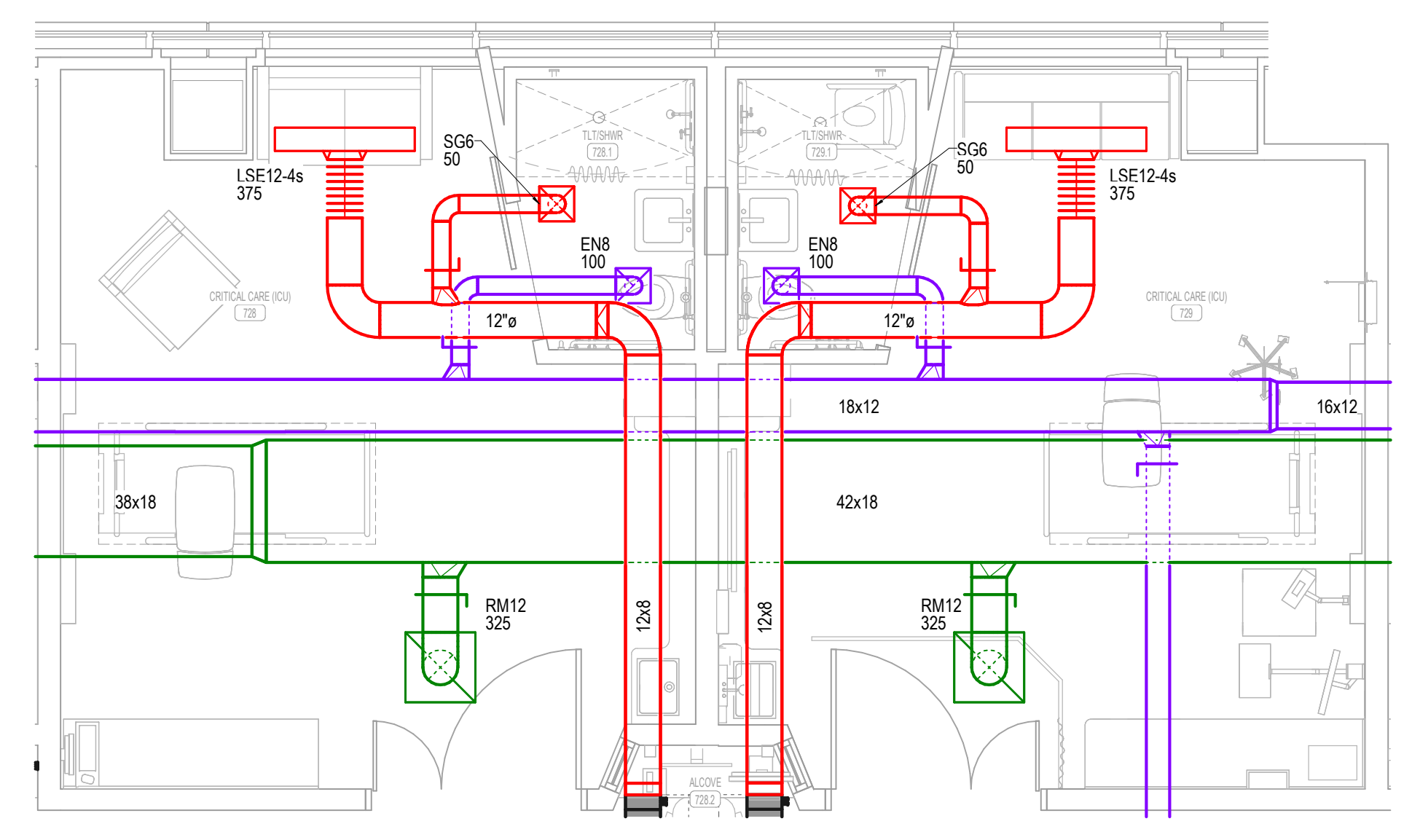
Floor No: **7TH FLOOR**
 Sheet No: **M4.1**



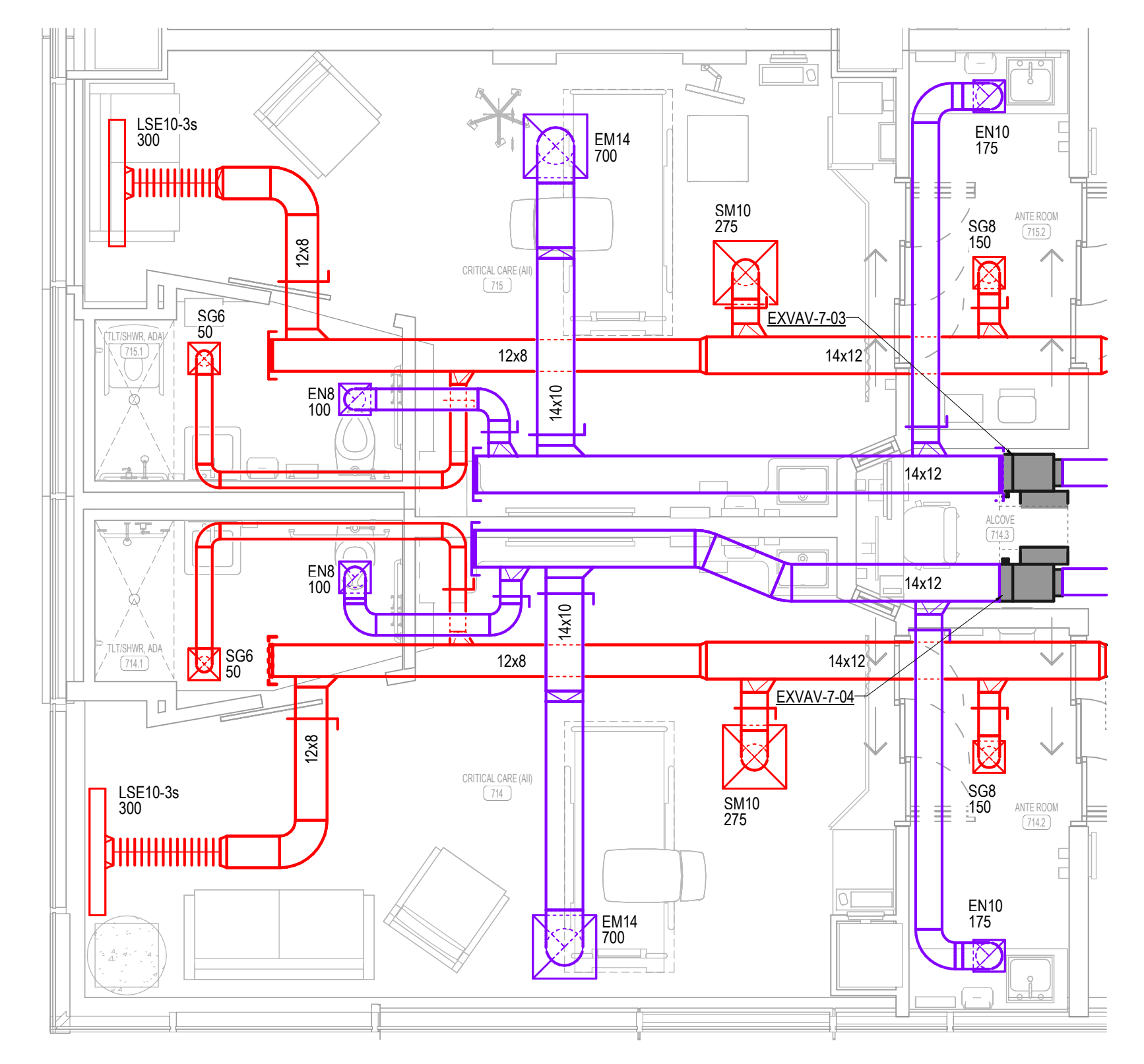
4 TYPICAL INTERMEDIATE CARE ROOM MECHANICAL PLAN
 1/4" = 1'-0"



3 TYPICAL PATIENT OF SIZE ROOM MECHANICAL PLAN
 1/4" = 1'-0"



2 TYPICAL CRITICAL CARE ROOM MECHANICAL PLAN
 1/4" = 1'-0"



1 TYPICAL ISOLATION ROOM MECHANICAL PLAN
 1/4" = 1'-0"

No.	Date	Description

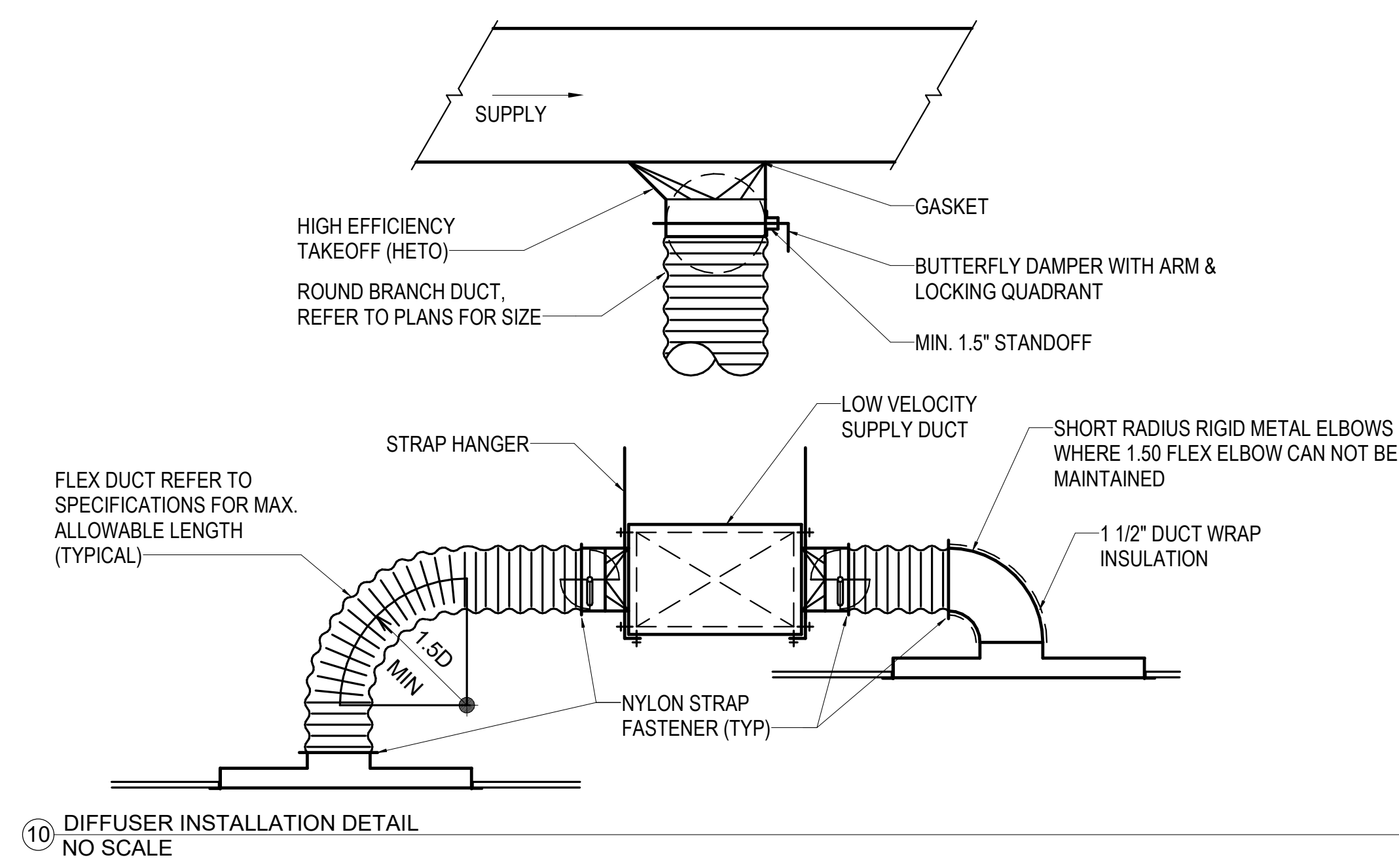


Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

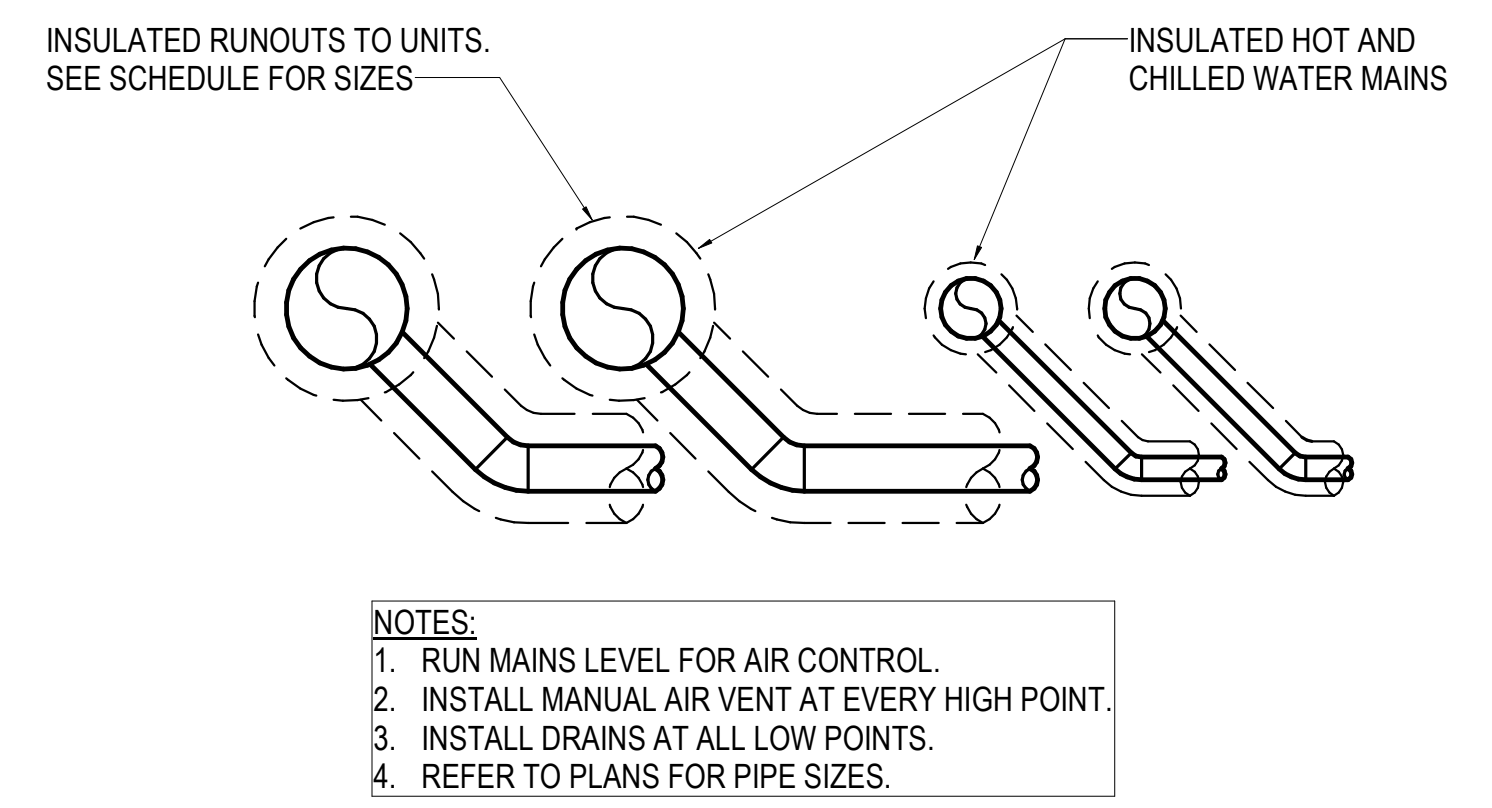
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, RODGERS, AR 72758



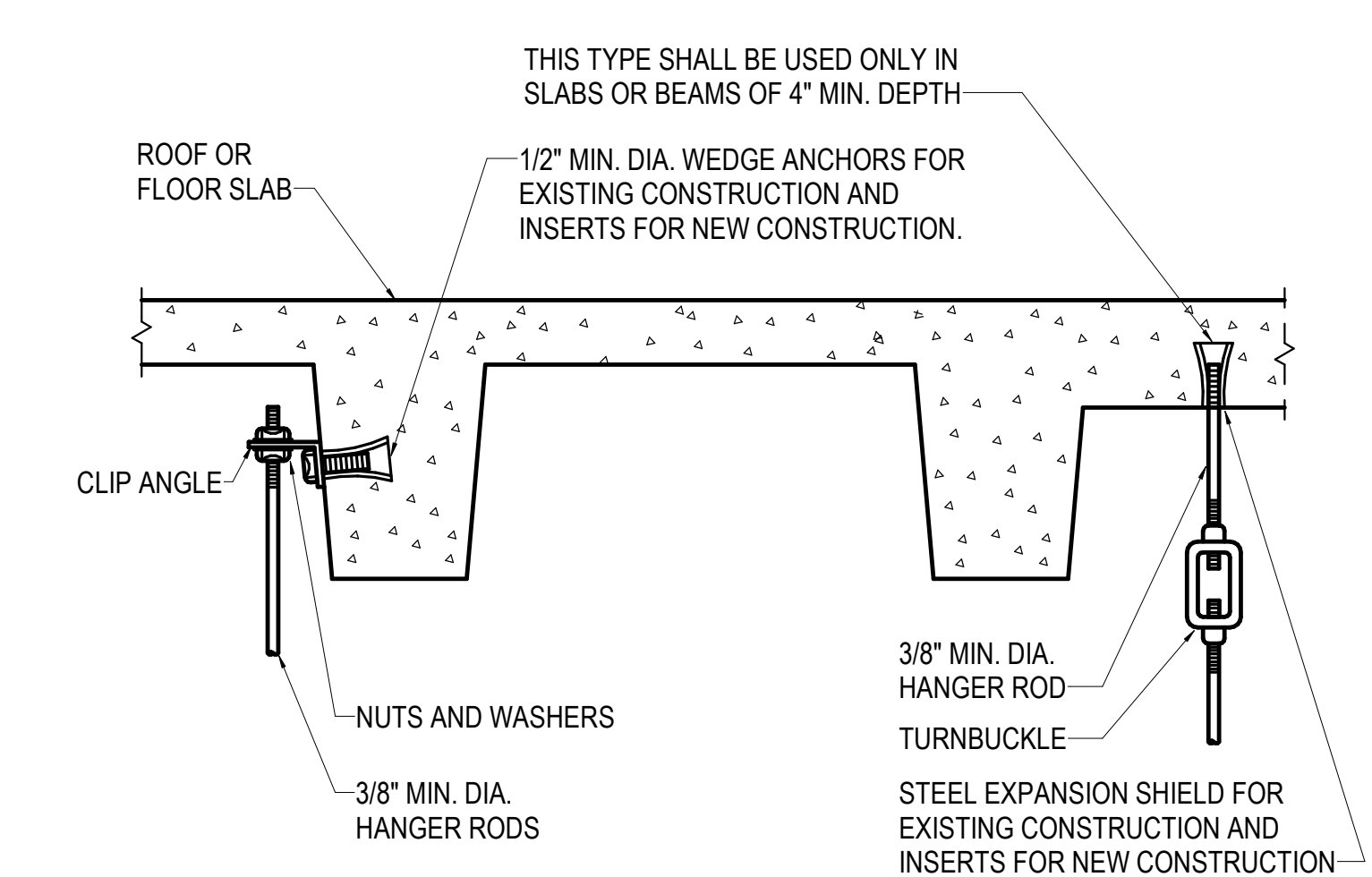
Sheet No.:
M5.1



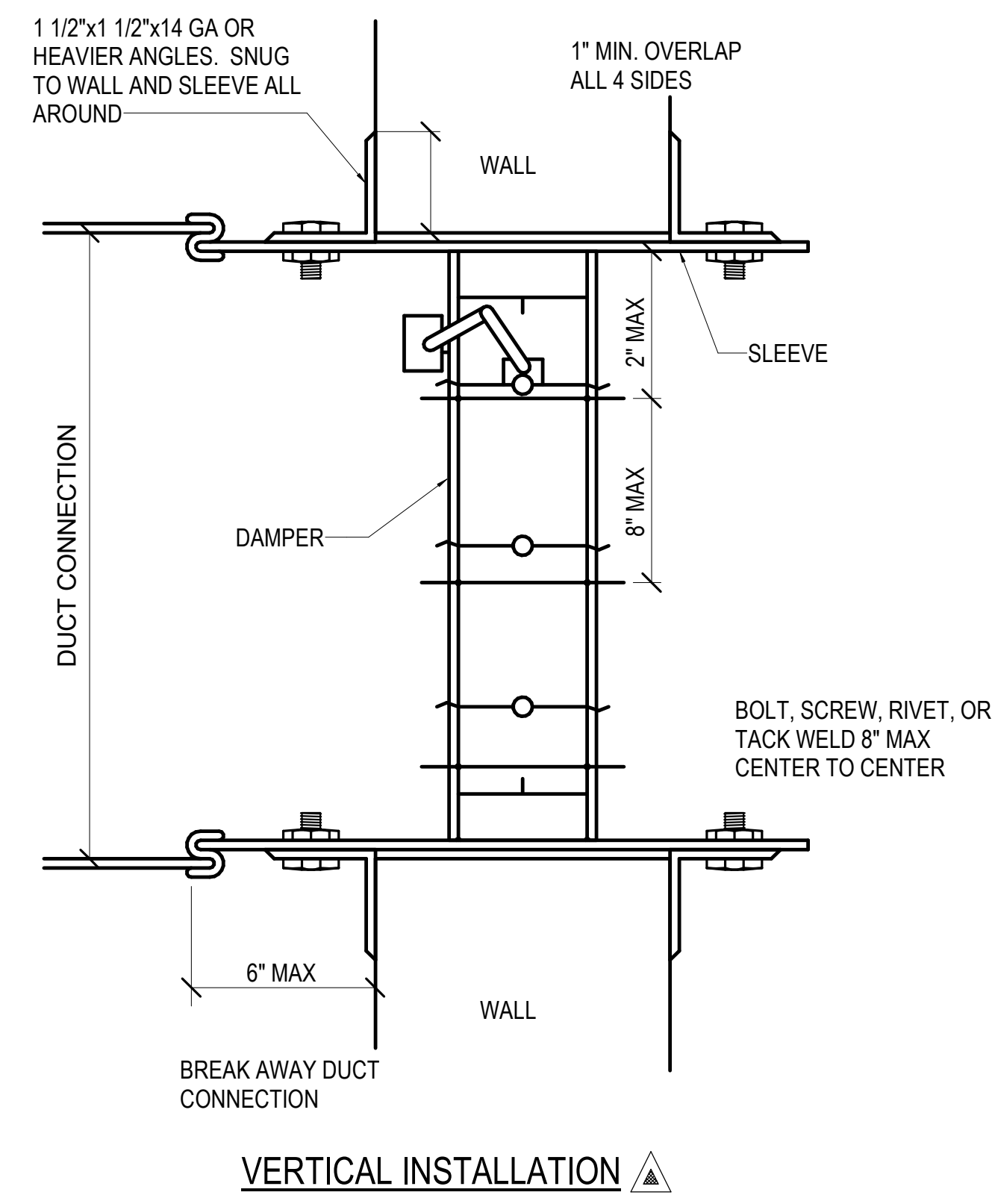
10 DIFFUSER INSTALLATION DETAIL
NO SCALE



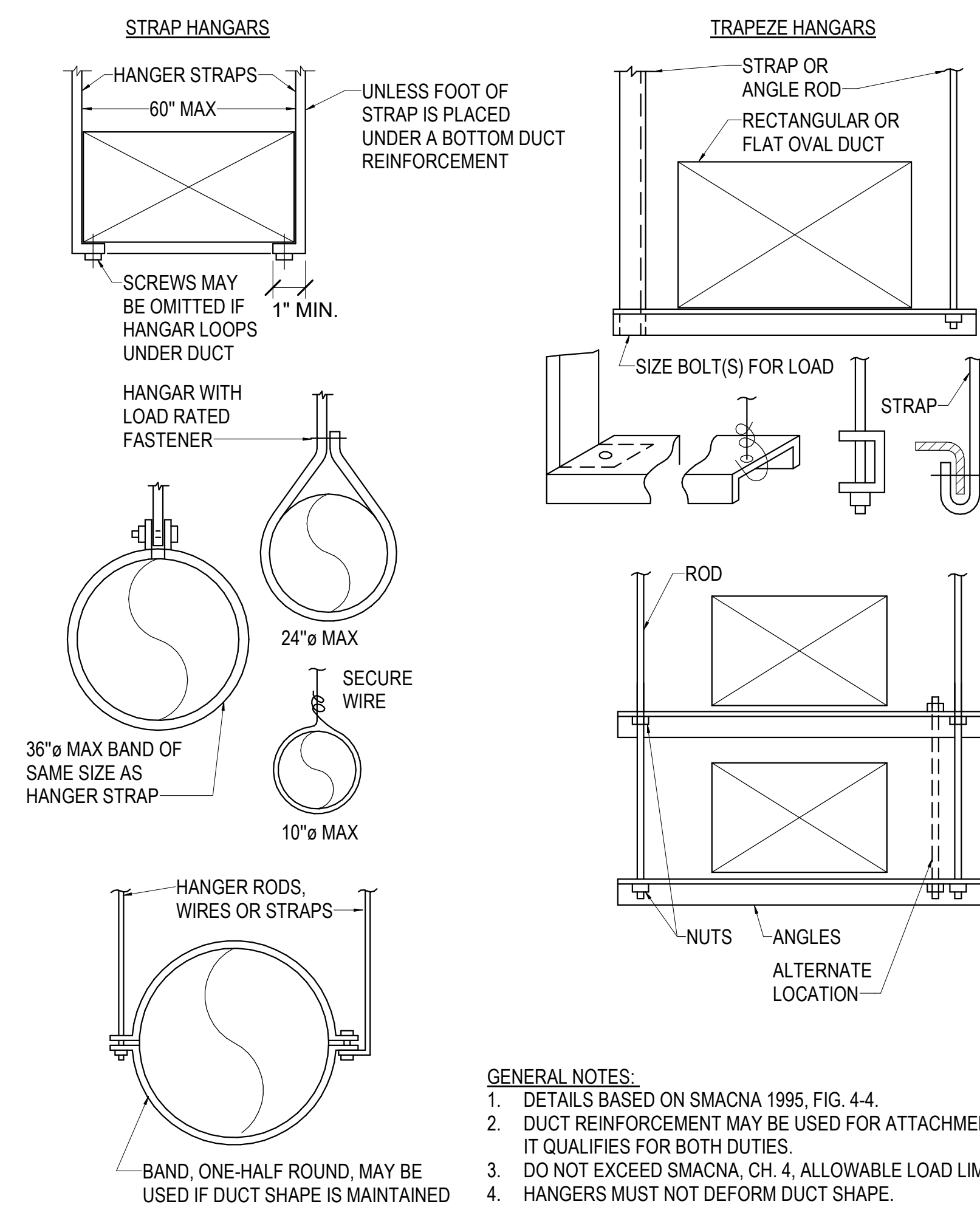
9 HYDRONIC PIPING RUNOUT DETAIL
NO SCALE



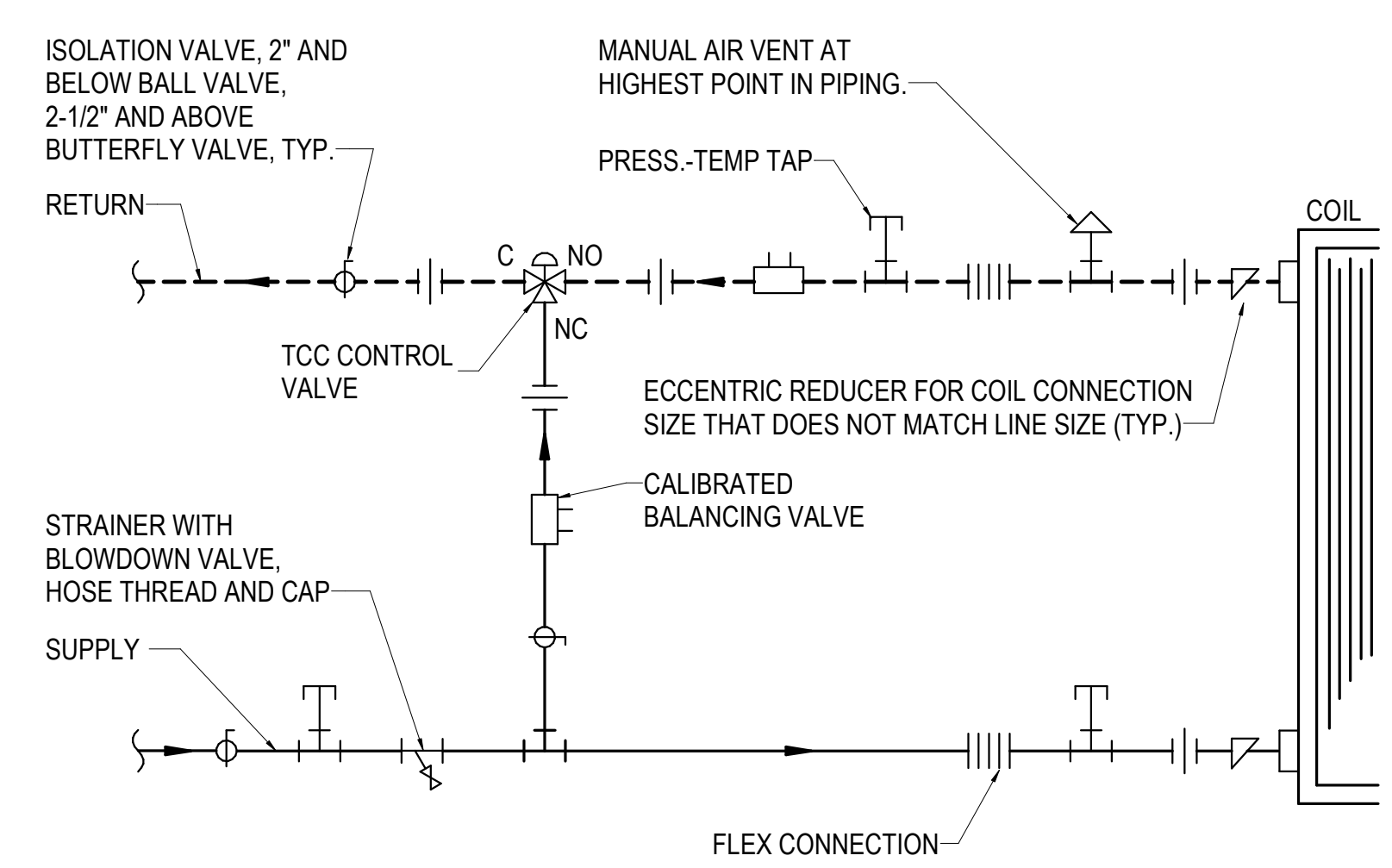
8 HANGER ROD DETAIL - TO CAST
NO SCALE



5 DAMPER INSTALLATION DETAIL - FIRE/SMOKE
NO SCALE

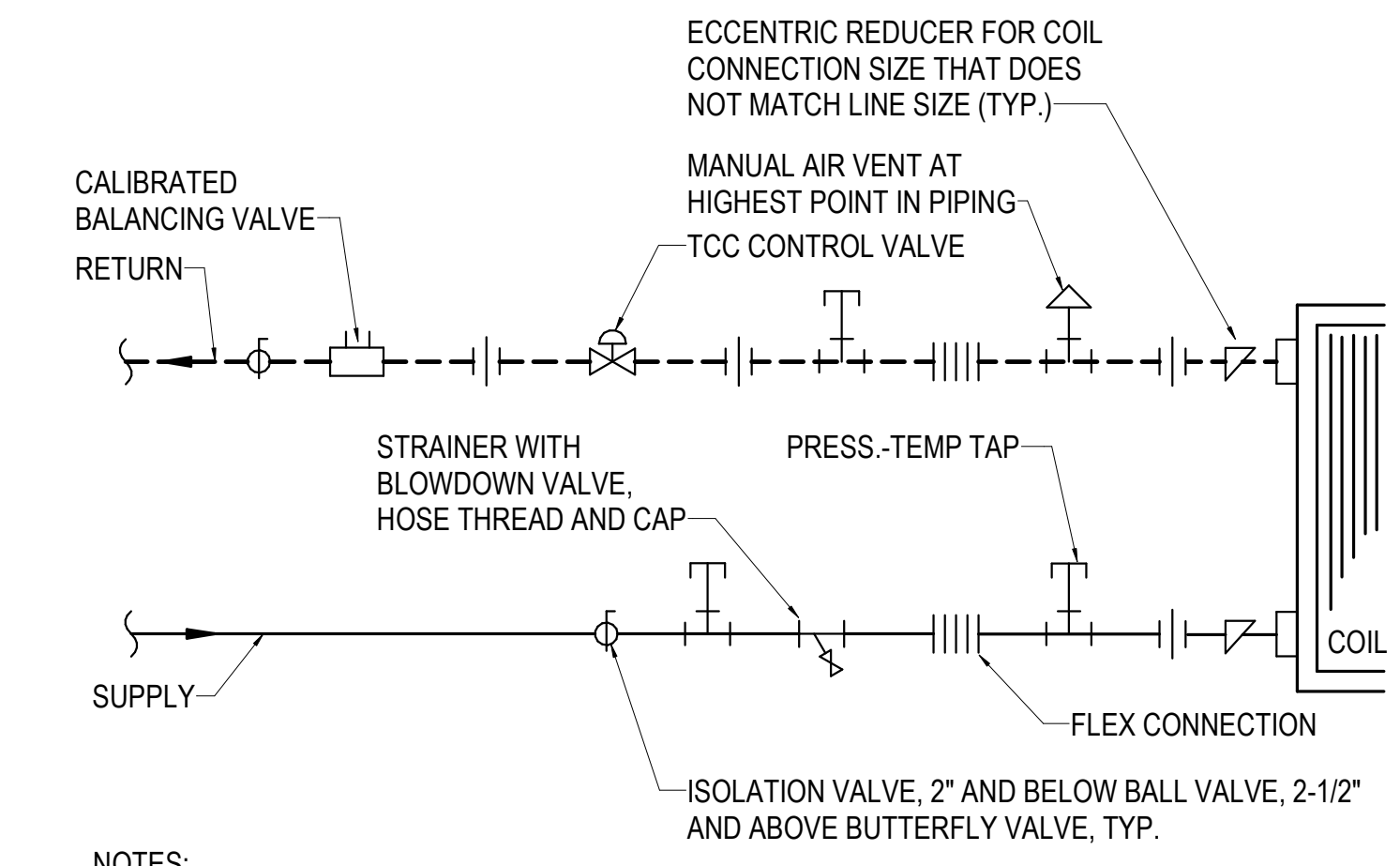


4 EXHAUST FAN DETAIL - IN-LINE
NO SCALE



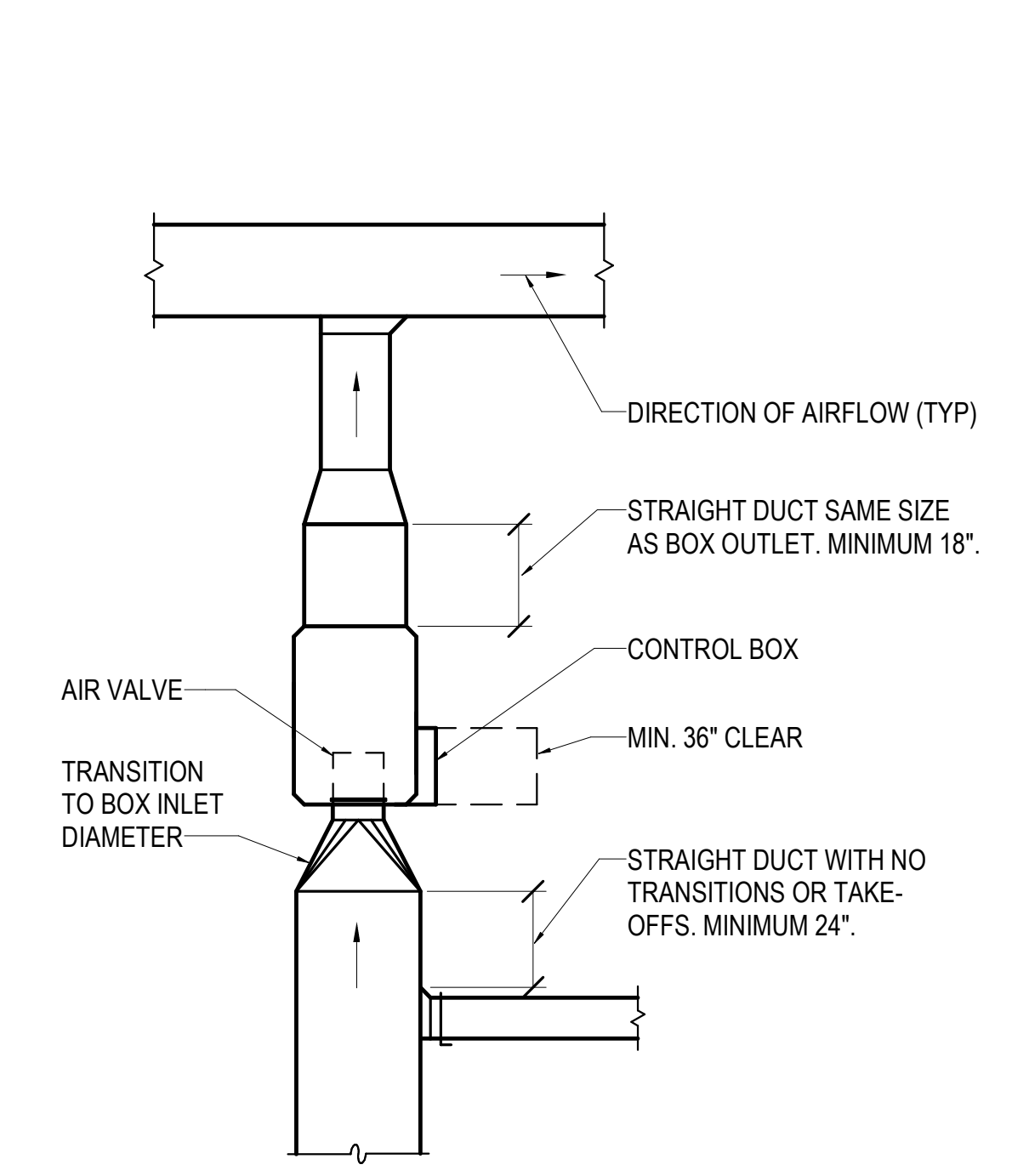
- NOTES:
1. COIL PIPING AND CONTROL VALVE TYPE FOR DIVERTING FLOW.
 2. FLEXIBLE PIPE CONNECTOR REQUIRED FOR EQUIPMENT CONTAINING FANS OR COMPRESSORS, BUT NOT REQUIRED FOR EQUIPMENT SUCH AS DUCT COILS. BRAIDED STAINLESS OR COPPER ONLY, NO RUBBER ALLOWED. MAX LENGTH OF 6 INCHES.
 3. PIPE ALL MULTI-ROW 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 FLOW 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

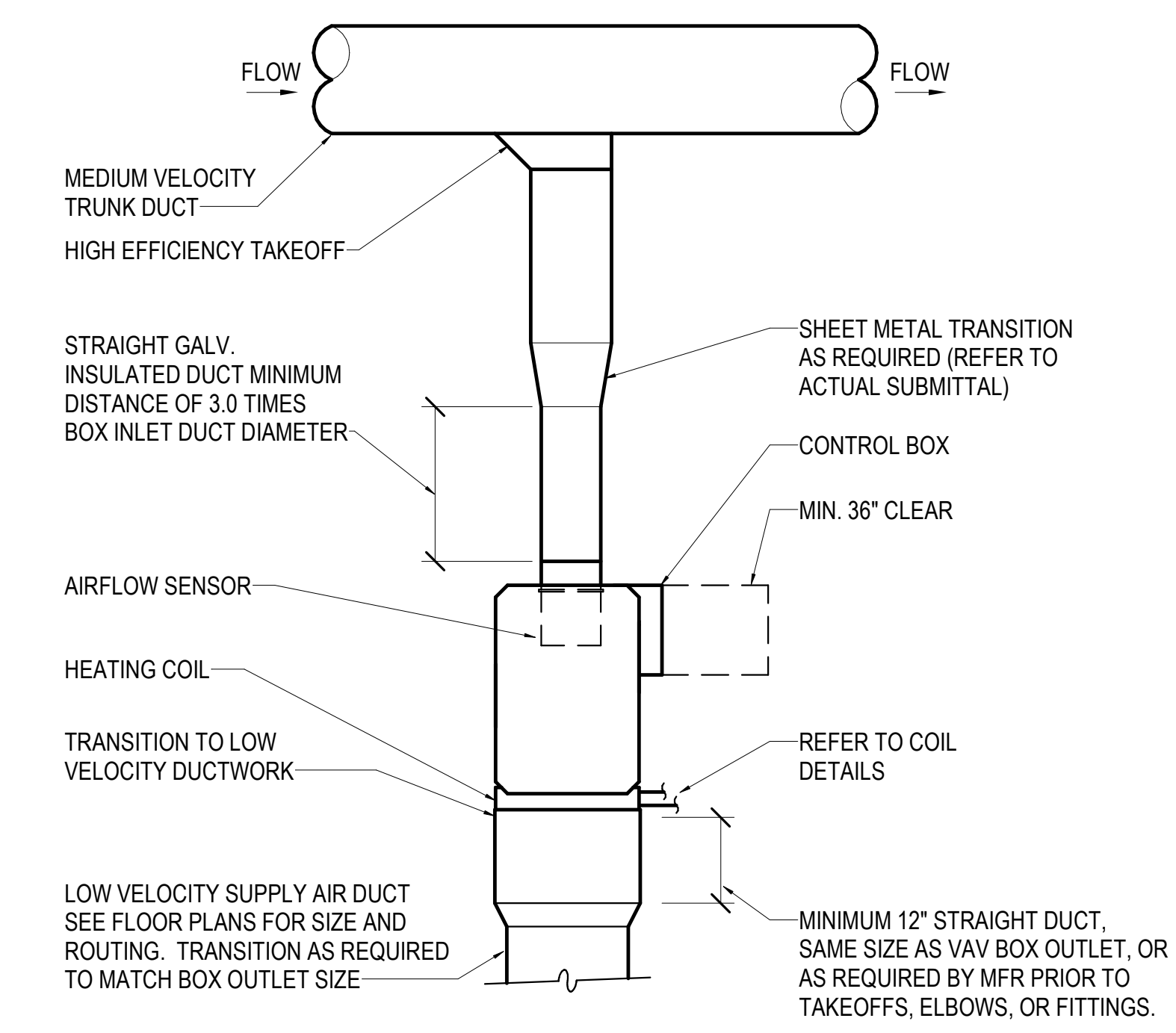


- NOTES:
1. FLEXIBLE PIPE CONNECTOR REQUIRED FOR EQUIPMENT CONTAINING FANS OR COMPRESSORS, BUT NOT REQUIRED FOR EQUIPMENT SUCH AS DUCT COILS. BRAIDED STAINLESS OR COPPER ONLY, NO RUBBER ALLOWED. MAX LENGTH OF 6 INCHES.
 2. PIPE ALL MULTI-ROW COILS FOR COUNTERFLOW (WATER ENTERS MOST DOWNSTREAM COIL, LEAVES 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 FLOW FROM LINE SIZE. CONTROL VALVES MAY BE DOWN SIZED FOR FLOW RATE, BUT NOT TO EXCEED 4 PSIG PRESSURE DROP AT DESIGN FLOW.

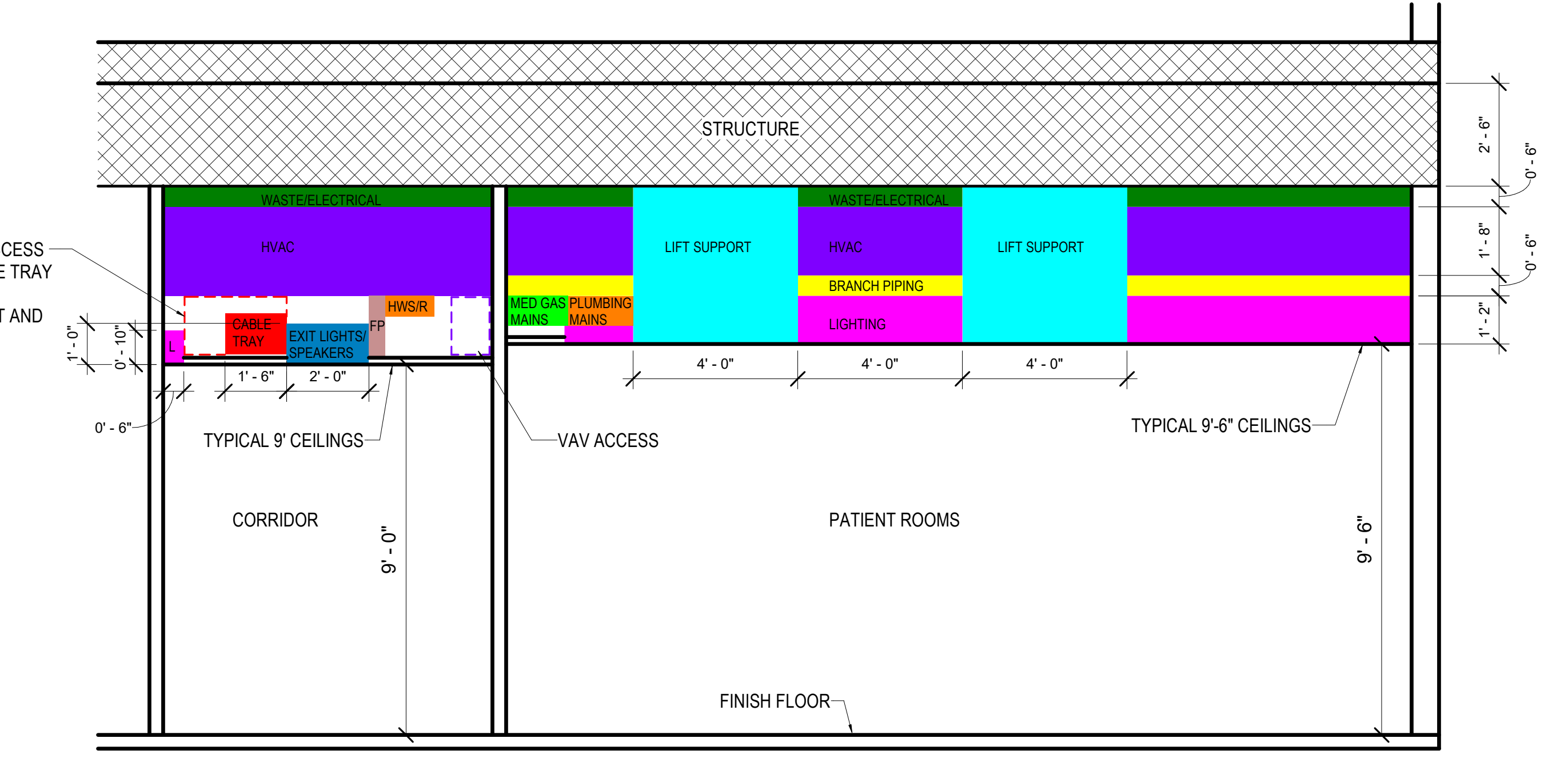
6 COIL PIPING DETAIL - TERMINAL UNIT-2-WAY
NO SCALE



3 TERMINAL UNIT DETAIL - EXHAUST
NO SCALE



2 TERMINAL UNIT REHEAT DETAIL
NO SCALE



1 ABOVE CEILING ALLOCATIONS
NO SCALE

11/11/2024 6:39:23 PM Autodesk Docs:JH-AR-MERCY - Mercy Hospital NW Arkansas Projects\240179-000_MECH_R23.rvt

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

FIRST LETTER IN MARK:		NOTES:								
S = SUPPLY DIFFUSER	R = RETURN GRILLE	1. PROVIDE SQUARE TO ROUND ADAPTERS AS REQUIRED TO ACCOMMODATE ROUND RUNOUTS.								
P = PLENUM RETURN GRILLE	E = EXHAUST GRILLE	2. PROVIDE ALL LAY-IN GRDs WITH 24x24 LAY-IN PANEL AS REQUIRED.								
L = SLOT DIFFUSER	M = LAMINAR FLOW SUPPLY DIFFUSER	3. FINISH TO BE WHITE UNLESS OTHERWISE SPECIFIED. COORDINATE AND VERIFY ALL FINISHES WITH ARCHITECT.								
C = SECURITY GRILLE	U = FLOOR MOUNTED SUPPLY GRILLE	4. ALL SELECTIONS ARE BASED ON A MAXIMUM NC OF 25 UNLESS NOTED OTHERWISE.								
		5. CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND ASSOCIATED BORDER TYPES.								
		6. MARKS USED MAY NOT BE IN SEQUENCE.								
		7. LOUVERED GRILLES TO HAVE FRONT BLADES PARALLEL TO LONG DIMENSION UNLESS WALL MOUNTED.								
		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							
SA	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (6x6)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SB	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (9x9)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SC	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (12x12)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SD	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (18x18)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SE	SUPPLY DIFFUSER		TITUS	TDC-AA	SURFACE	6x6	ALUMINUM	--	--	WHITE	LOUVERED FACE
SF	SUPPLY DIFFUSER		TITUS	TDC-AA	SURFACE	9x9	ALUMINUM	--	--	WHITE	LOUVERED FACE
SG	SUPPLY DIFFUSER		TITUS	TDC-AA	SURFACE	12x12	ALUMINUM	--	--	WHITE	LOUVERED FACE
SH	SUPPLY DIFFUSER		TITUS	TDC-AA	SURFACE	18x18	ALUMINUM	--	--	WHITE	LOUVERED FACE
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
LSE	SLOT DIFFUSER		TITUS	TBDI-80	LAY-IN	48" WIDTH	ALUMINUM	1"	--	WHITE	SEE PLANS FOR SLOT QTY
RA	RETURN GRILLE		TITUS	350FL	LAY-IN	24x12 (22x10)	ALUMINUM	3/4"	35°	WHITE	--
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	--
RO	RETURN GRILLE		TITUS	45F	SURFACE	24x12 (22x10)	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	--

HVAC DESIGN CONDITIONS

ROOM NAME	ROOM NUMBER	ASHRAE FUNCTION OF SPACE	Specified Ceiling Height	AREA	VOLUME CF	DESIGN RH %	DESIGN TEMPERATURE	PRESSURE REQUIREMENTS		MIN ACHR		SA CFM (diffusers)	EA CFM (diffusers)	Actual Room Diffusers ACH (Formula)	All Air Exhaust
								SPACE PRESSURE REQUIREMENT	MIN. PRESSURE DIFFERENTIAL (IN WG)	OA	TOTAL				
BENCH	100.31	Corridor (Patient)	8'-0"	23 SF	180.15 CF	NR	NR	NR	0	2	0	0	0.0	No	
LINEN	100.32	Clean Linen Storage	8'-0"	24 SF	191.17 CF	NR	72-78	(+)	0	2	0	0	0.0	No	
INTERMEDIATE CARE	701	Intermediate Care	9'-6"	246 SF	2338.11 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	701.1	Toilet - Patients	8'-0"	34 SF	273.84 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	701.2	Nurse Alcove	8'-0"	9 SF	68.65 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	702	Intermediate Care	9'-6"	238 SF	2265.48 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	702.1	Toilet - Patients	8'-0"	34 SF	275.38 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
INTERMEDIATE CARE	703	Intermediate Care	9'-6"	235 SF	2232.35 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	703.1	Toilet - Patients	8'-0"	35 SF	276.27 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	703.2	Nurse Alcove	8'-0"	9 SF	68.65 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	704	Intermediate Care	9'-6"	238 SF	2262.36 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	704.1	Toilet - Patients	8'-0"	38 SF	300.71 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
INTERMEDIATE CARE	705	Intermediate Care	9'-6"	235 SF	2227.89 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	705.1	Toilet - Patients	8'-0"	34 SF	274.69 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	705.2	Nurse Alcove	8'-0"	9 SF	69.47 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	706	Intermediate Care	9'-6"	238 SF	2260.22 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	706.1	Toilet - Patients	8'-0"	38 SF	306.41 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
INTERMEDIATE CARE	707	Intermediate Care	9'-6"	235 SF	2230.78 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	707.1	Toilet - Patients	8'-0"	34 SF	273.41 CF	NR	NR	(-)	0	10	0	100	21.9	Yes	
ALCOVE	707.2	Nurse Alcove	8'-0"	9 SF	68.65 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	708	Intermediate Care	9'-6"	239 SF	2266.27 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	708.1	Toilet - Patients	8'-0"	38 SF	303.53 CF	NR	NR	(-)	0	10	0	100	19.8	Yes	
INTERMEDIATE CARE	709	Intermediate Care	9'-6"	235 SF	2236.10 CF	Max 60	70-75	NR	2	6	300	0	8.0	No	
TLT/SHWR	709.1	Toilet - Patients	8'-0"	34 SF	271.02 CF	NR	NR	(-)	0	10	50	100	22.1	Yes	
ALCOVE	709.2	Nurse Alcove	8'-0"	8 SF	67.04 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	710	Intermediate Care	9'-6"	239 SF	2273.59 CF	Max 60	70-75	NR	2	6	300	0	7.9	No	
TLT/SHWR	710.1	Toilet - Patients	8'-0"	37 SF	299.84 CF	NR	NR	(-)	0	10	50	100	20.0	Yes	
INTERMEDIATE CARE	711	Intermediate Care	9'-6"	234 SF	2226.80 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	711.1	Toilet - Patients	8'-0"	34 SF	275.53 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	711.2	Nurse Alcove	8'-0"	9 SF	68.58 CF	NR	NR	(-)	0	0	0	0	0.0	No	
INTERMEDIATE CARE	712	Intermediate Care	9'-6"	272 SF	2583.62 CF	Max 60	70-75	NR	2	6	0	0	0.0	No	
TLT/SHWR	712.1	Toilet - Patients	8'-0"	38 SF	306.90 CF	NR	NR	(-)	0	10	0	0	0.0	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"	342 SF	3250.17 CF	Max 60	70-75	(-)	0.01	2	12	575	700	12.9	Yes
TLT/SHWR, ADA	714.1	Toilet - Patients	8'-0"	51 SF	410.36 CF	NR	NR	(-)	0.01	0	10	50	100	14.6	Yes
ANTE ROOM	714.2	All Anteroom	9'-0"	65 SF	581.40 CF	NR	NR	(-)	0.01	0	10	150	175	18.1	Yes
ALCOVE	714.3	Nurse Alcove	8'-0"	36 SF	285.90 CF	NR	NR	(-)	0	0	0	0	0.0	No	
CRITICAL CARE (All)	715	All Isolation Room	9'-6"	297 SF	2820.99 CF	Max 60	70-75	(-)	0.01	2	12	575	700	14.9	Yes
TLT/SHWR, ADA	715.1	Toilet - Patients	8'-0"	52 SF	416.90 CF	NR	NR	(-)	0.01	0	10	50	100	14.4	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	2679.71 CF	Max 60	70-75	(-)	0.01	2	12	0	0	0.0	Yes
TLT/SHWR, ADA	716.1	Toilet - Patients	8'-0"	53 SF	424.45 CF	NR	NR	(-)	0.01	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	NR	NR	(-)	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"	53 SF	427.42 CF	NR	NR	(-)	0.01	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"	297 SF	2819.18 CF	30-60	70-75	NR	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	NR	NR	(-)	0	0	0	0	0.0	No	
CRITICAL CARE (ICU)	719	Critical and Intensive Care (ICU)	9'-6"	289 SF	2745.46 CF	30-60	70-75	NR	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"	350 SF	3324.25 CF	30-60	70-75	NR	NR	2	6	375	0	6.8	No
POS TLT/SHWR	720.1	Toilet - Patients	8'-0"	85 SF	683.38 CF	NR	NR	(-)	0	10	100	150	13.2	Yes	
ALCOVE	720.2	Nurse Alcove	8'-0"	17 SF	139.02 CF	NR	NR	(-)	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"	322 SF	3055.27 CF	30-60	70-75	NR	NR	2	6	0	0	0.0	No
TLT/SHWR	722.1	Toilet - Patients	8'-0"	37 SF	292.99 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	722.2	Nurse Alcove	8'-0"	9 SF	71.06 CF	NR	NR	(-)	0	0	0	0	0.0	No	
CRITICAL CARE (ICU)	723	Critical and Intensive Care (ICU)	9'-6"	309 SF	2939.06 CF	30-60	70-75	NR	NR	2	6	0	0	0.0	No
TLT/SHWR	723.1	Toilet - Patients	8'-0"	37 SF	296.86 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
CRITICAL CARE (ICU)	724	Critical and Intensive Care (ICU)	9'-6"	330 SF	3132.21 CF	30-60	70-75	NR	NR	2	6	0	0	0.0	No
TLT/SHWR	724.1	Toilet - Patients	8'-0"	54 SF	430.10 CF	NR	NR	(-)	0	10	0	0	0.0	Yes	
ALCOVE	724.2	Nurse Alcove	8'-0"	7 SF	55.50 CF	NR	NR	(-)	0	0					

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)			HOT WATER COIL											VOLT	PHASE						
									AIR	WATER	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"	975	975	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1	
EXVAV-7-02	TUTTLE & BAILEY	RRV	10	10"	975	975	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1
EXVAV-7-03	TUTTLE & BAILEY	RRV	10	10"	975	975	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	1	STERIOLOC	1
EXVAV-7-04	TUTTLE & BAILEY	RRV	10	10"	975	975	1	30	0	0	0	0	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	4	4"	50	15	1	30	25	55	90	0.9	140	120	0.01	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-10	TITUS	DESV	4	4"	50	15	1	30	25	55	90	0.9	140	120	0.01	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	4	4"	100	30	1	30	50	55	90	1.7	140	120	0.03	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-21	TITUS	DESV	12	12"	1425	428	1	30	713	55	90	24.4	140	120	0.46	2.4	2.15	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"	625	188	1	30	313	55	90	10.7	140	120	0.41	1.1	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	0.27	1.4	0.47	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-48	TITUS	DESV	6	6"	325	98	1	30	163	55	90	5.6	140	120	0.21	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-49	TITUS	DESV	10	10"	1000	300	1	30	500	55	90	17.1	140	120	0.4	1.7	0.47	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-50	TITUS	DESV	12	12"	1150	345	1	30	575	55	90	19.7	140	120	0.36	2.0	0.55	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-51	TITUS	DESV	8	8"	575	173	1	30	288	55	90	9.8	140	120	0.32	1.0	0.17	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-52	TITUS	DESV	4	4"	125	38	1	30	63	55	90	2.1	140	120	0.05	0.5	0.12	2	10	3/4"	120	1	STERIOLOC	1			
VAV-7-53	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-7-54	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-7-55	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-7-56	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-7-57	TITUS	DESV	6	6"	375	113	1	30	188	55	90	6.4	140	120	0.26	0.6	0.12	2	10	3/4"	120	1	STERIOLOC	1			
VAV-546	TITUS	DESV	16	16"	2500	2500	1	30	2500	55	90	0	160	140	0.1	0.0	0.3	1	10	3/4"	120	1	STERIOLOC	1			
VAV-729	TITUS	DESV	10	10"	1000	1000	1	30	1000	55	90	0	160	140	0.1	0.0	0.3	1	10	3/4"	120	1	STERIOLOC	1			
VAV-730	TITUS																										

Architect Logo

No.	Date	Description



Step & Rev:

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

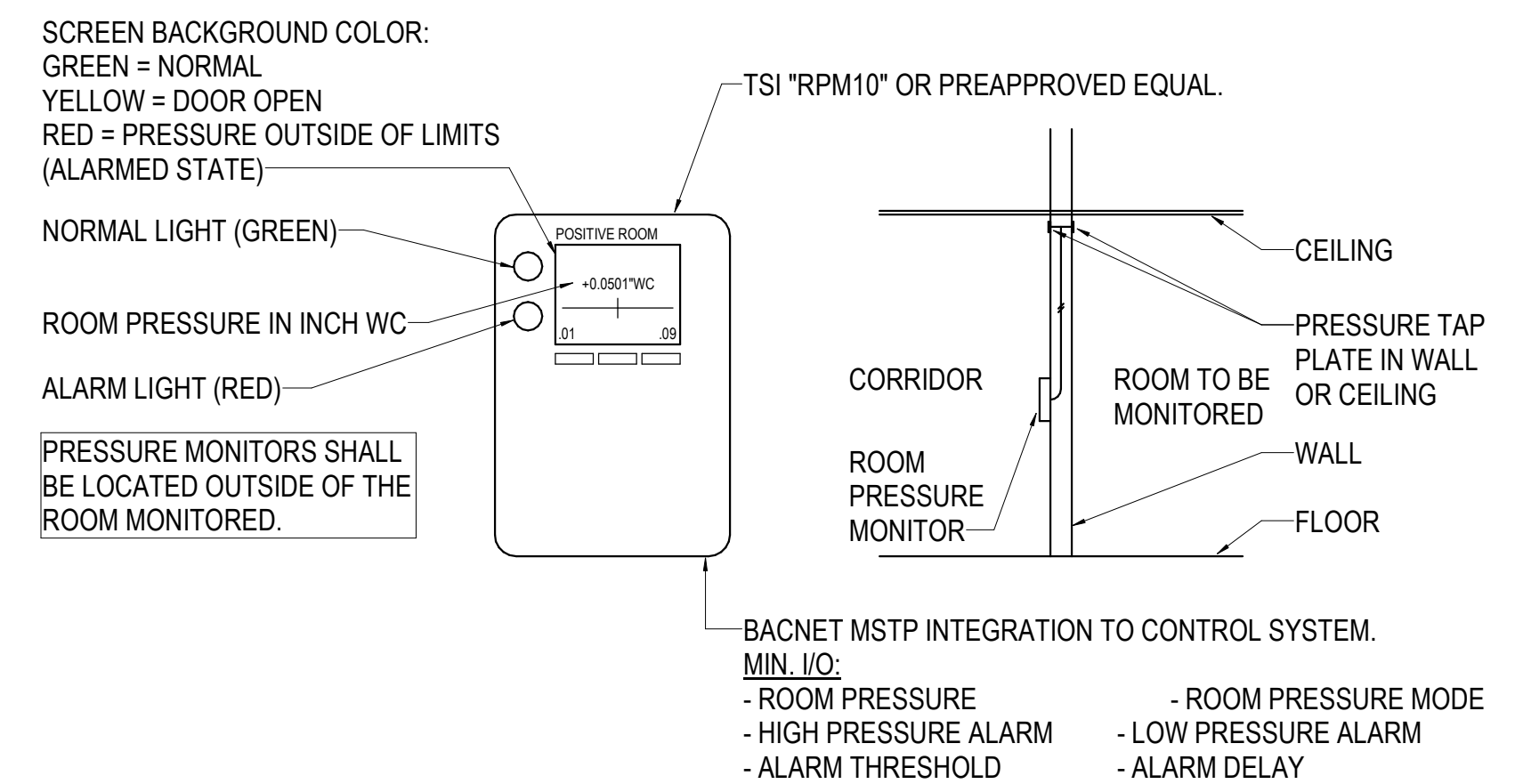
Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

Sheet Name: **CONTROL DETAILS**



Professional Engineering Consultants, P.A.
 1624 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20170400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

Room No.:
 Sheet No.: **M7.1**

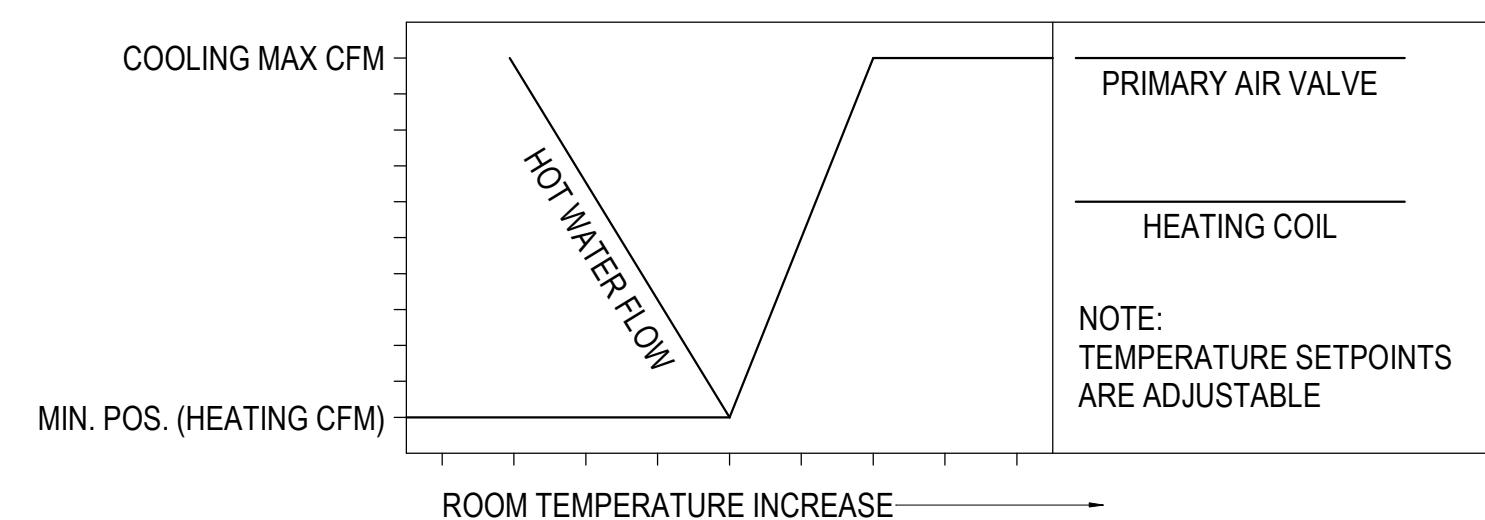


1 ROOM PRESSURE MONITOR DETAIL
 NO SCALE

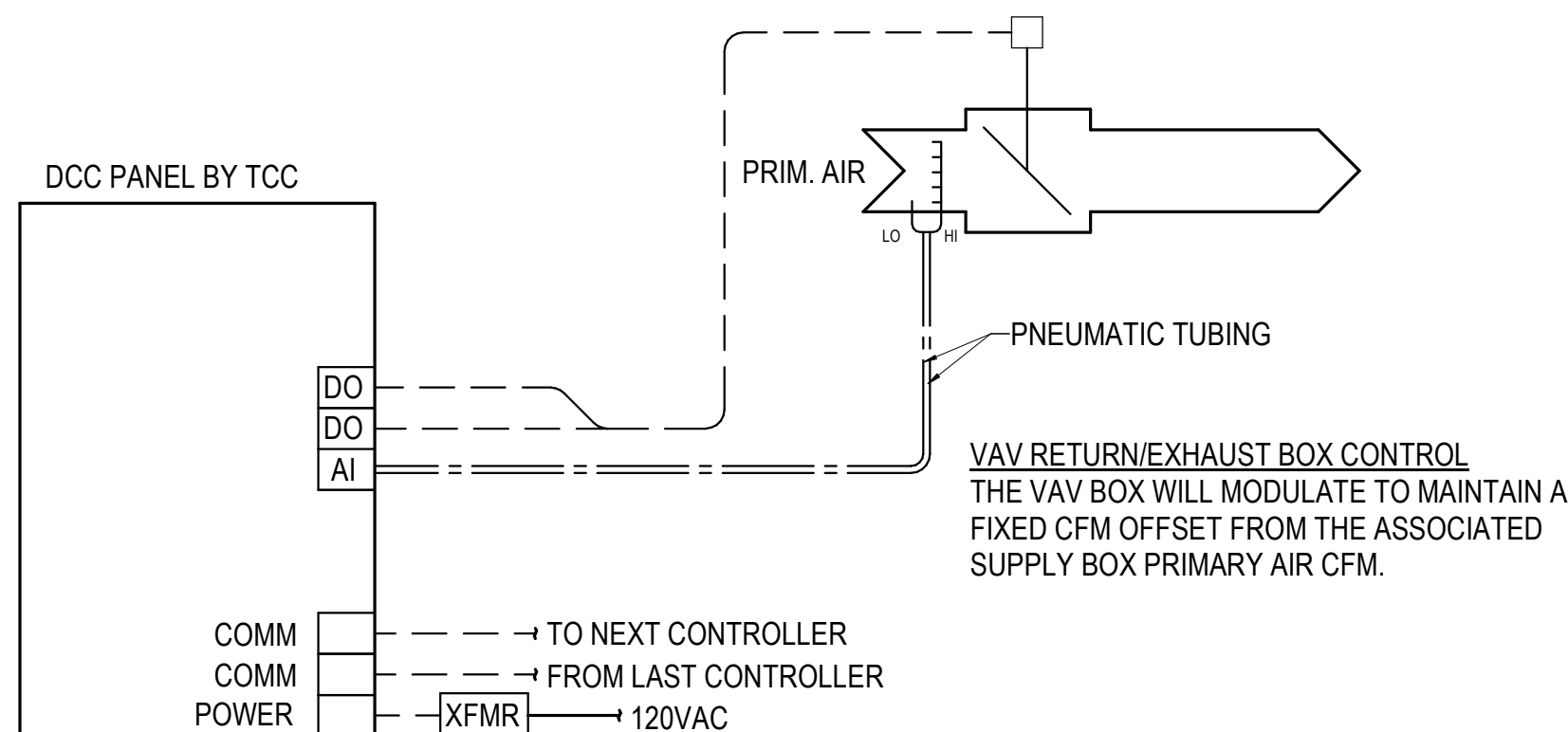
VAV SHUTOFF BOX (HW HEAT)

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.

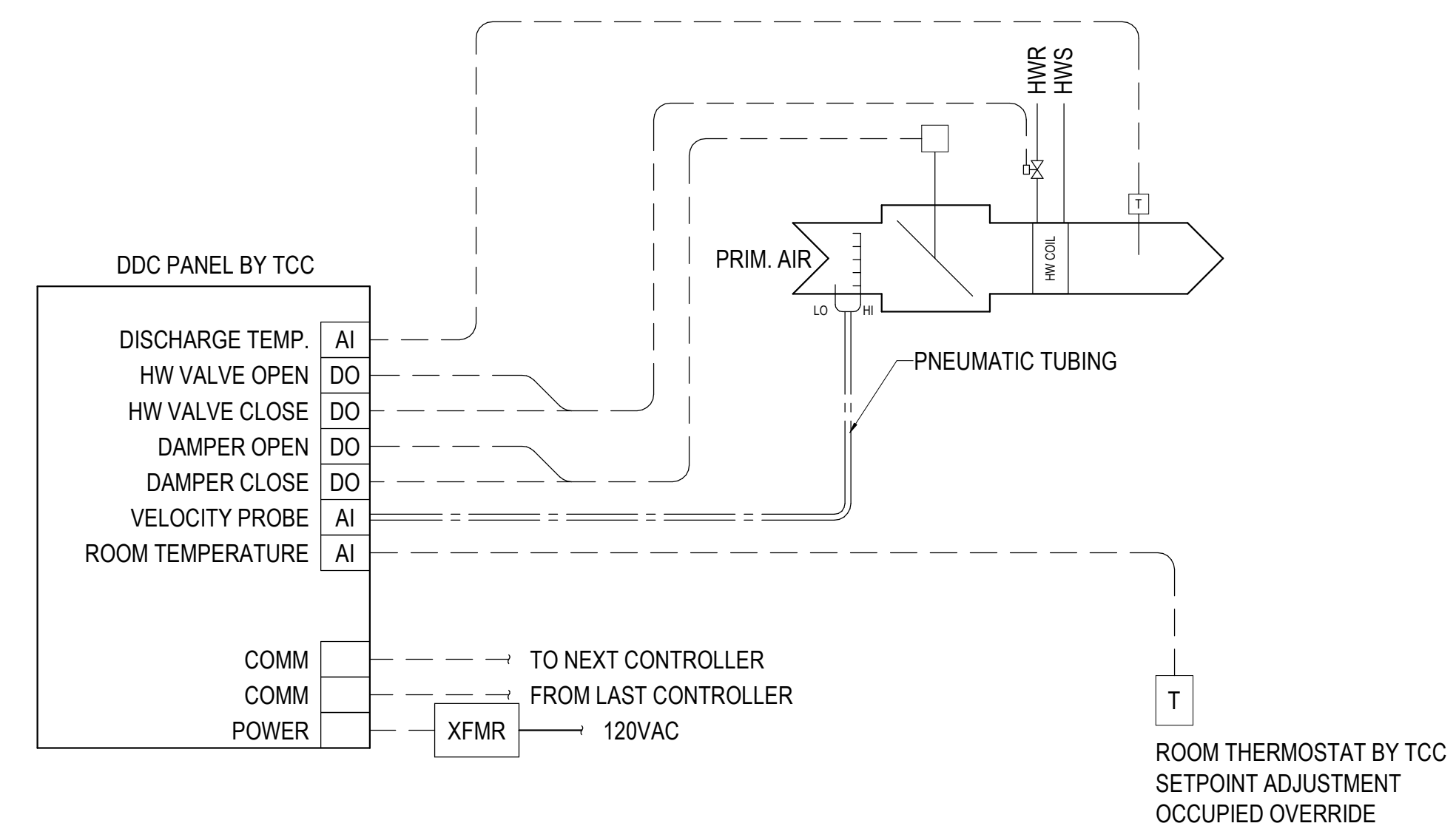
PROVIDE ALARMS FOR FAN FAILURE, HIGH/LOW DISCHARGE TEMPERATURE (10 DEGREES OFF SETPOINT), HIGH/LOW PRIMARY AIRFLOW (25% OFF SETPOINT), HIGH/LOW SPACE TEMPERATURE (10 DEGREES OFF SETPOINT).



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, TECHNOLOGY, AND CIVIL DRAWINGS 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 DIMON/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 BACKSPASH 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	
				DAYLIGHT SENSOR	CEILING
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	
	FEEDER DESIGNATION			RELAY	
	JUNCTION BOX - 1-GANG			PUSHBUTTON (1-, 2-, 3-BUTTON)	46" AFF
	JUNCTION BOX - 2-GANG			BOX MOUNTED TRANSFORMER	
	FUSTAT BUSS #SSY	46" AFF		CONTACTOR	
	THERMOSTAT/TEMP SENSOR	46" AFF		METER	
	PLUG LOAD SENSOR	CEILING		PLUGMOLD SURFACE RACEWAY	WALL
	HANDICAP DOOR PUSHBUTTON	36" AFF		BUSDUCT PLUG	
ONE-LINE					
	CIRCUIT BREAKER ACCESSORIES: LSIG = LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND FAULT			FUSIBLE SWITCH (CIRCUIT NUMBER / SWITCH SIZE / FUSE SIZE / # OF POLES) (# OF POLES IF OTHER THAN 3)	
	GFI = GROUND FAULT			STARTER WITH FUSIBLE SWITCH (CIRCUIT NUMBER / SWITCH SIZE / FUSE SIZE / # OF POLES / STARTER SIZE) (# OF POLES IF OTHER THAN 3)	
	ST = SHUNT TRIP			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)	
	K = KIRK KEY INTERLOCK			3Ø TRANSFORMER (DELTA PRIMARY / WYE SECONDARY)	
	INDICATOR LIGHT (G=GREEN, R=RED)			1Ø TRANSFORMER	
	ERMS INDICATING LIGHT & SWITCH			PANELBOARD (BUILT-IN SPD)	
	CONTACTS (N.O., N.C.)			TRANSFER SWITCH (ATS = AUTOMATIC, MTS = MANUAL) (AMP SIZE / VOLTAGE / POLES / AIC RATING / NEMA RATING) (NEMA RATING IF OTHER THAN NEMA-1)	
	FUSE			MOTOR STARTER (SINGLE SPEED ACROSS-THE-LINE (UON)) (NEMA SIZE / RV AT = REDUCED VOLTAGE / AUTO-TRANSFORMER / SS = SOLID STATE)	
	CIRCUIT BREAKER				
	OVERLOADS				
	DRAWOUT CONTACTS				
	DISCONNECT SWITCH (SEE EQUIP CONN SCHED) (VOLTAGE / SWITCH SIZE / FUSE SIZE / # OF POLES - NOTED IF EQUIPMENT NOT SCHEDULED)				
	STARTER (SEE EQUIP CONN SCHED) (VOLTAGE / STARTER SIZE / # OF POLES - NOTED IF EQUIPMENT NOT SCHEDULED)				
	GROUND CONNECTION				
	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)				

--- 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. PHASE CONDUCTORS/ NEUTRAL CONDUCTOR (#10 UON) SWITCH LEGS (#10 UON) GROUND CONDUCTOR (#10 UON)	CLG/WALL
	CDT RUN 2#10 & 1#10 GRD. - 3/4" C. OR CDT RUN AS NOTED ON PLAN	EARTH/ FLOOR			
	CONDUIT HOME RUN, 1 CIRCUIT. 2#8 & 1#10 GRD. (GEN. NOTES 7 & 8)	CLG/WALL			
	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 SOLID LINES ARE NEW TO BE INSTALLED			ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN DARK 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 SOLID LINES ARE EXISTING TO REMAIN			ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN LIGHT 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 HUBBELL #USB8300AC5 OR APPROVED EQUAL.



Architect Logo

No.	Date	Description



Sheep & Sign

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
Electrical General Notes and Symbols



Professional Engineering Consultants, P.A.
1625 S. UTICA AVE., SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 24079400 C.O.A. #942 FELS EXPIRES: DECEMBER 31, 2024

E-001

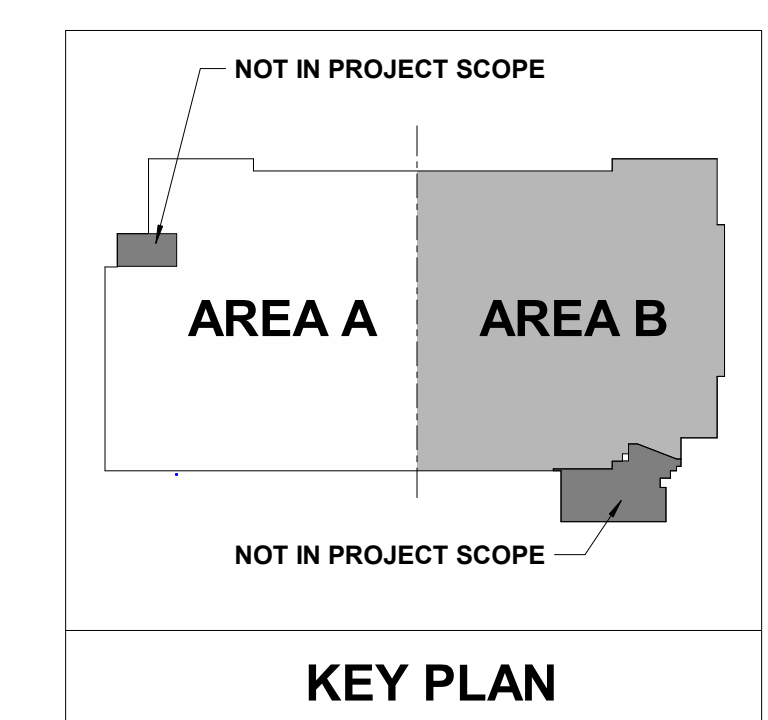
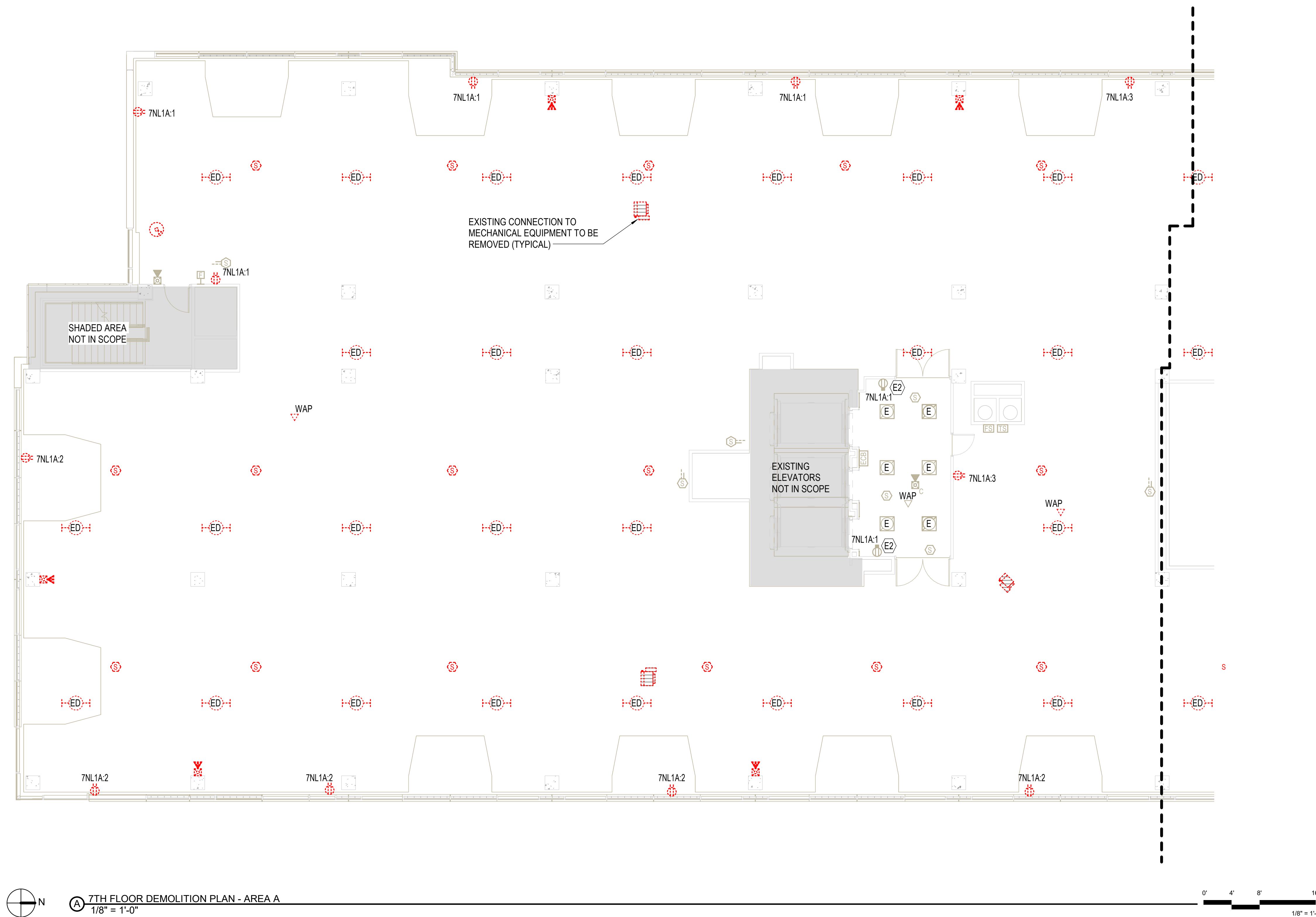
DEMOLITION GENERAL NOTES

- 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.
- 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.
- ELECTRICAL 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.
- 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.
- ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) 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

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

No.	Date	Description



Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

MERCY NWA HOSPITAL
7TH FLOOR ELECTRICAL DEMOLITION PLAN - AREA A

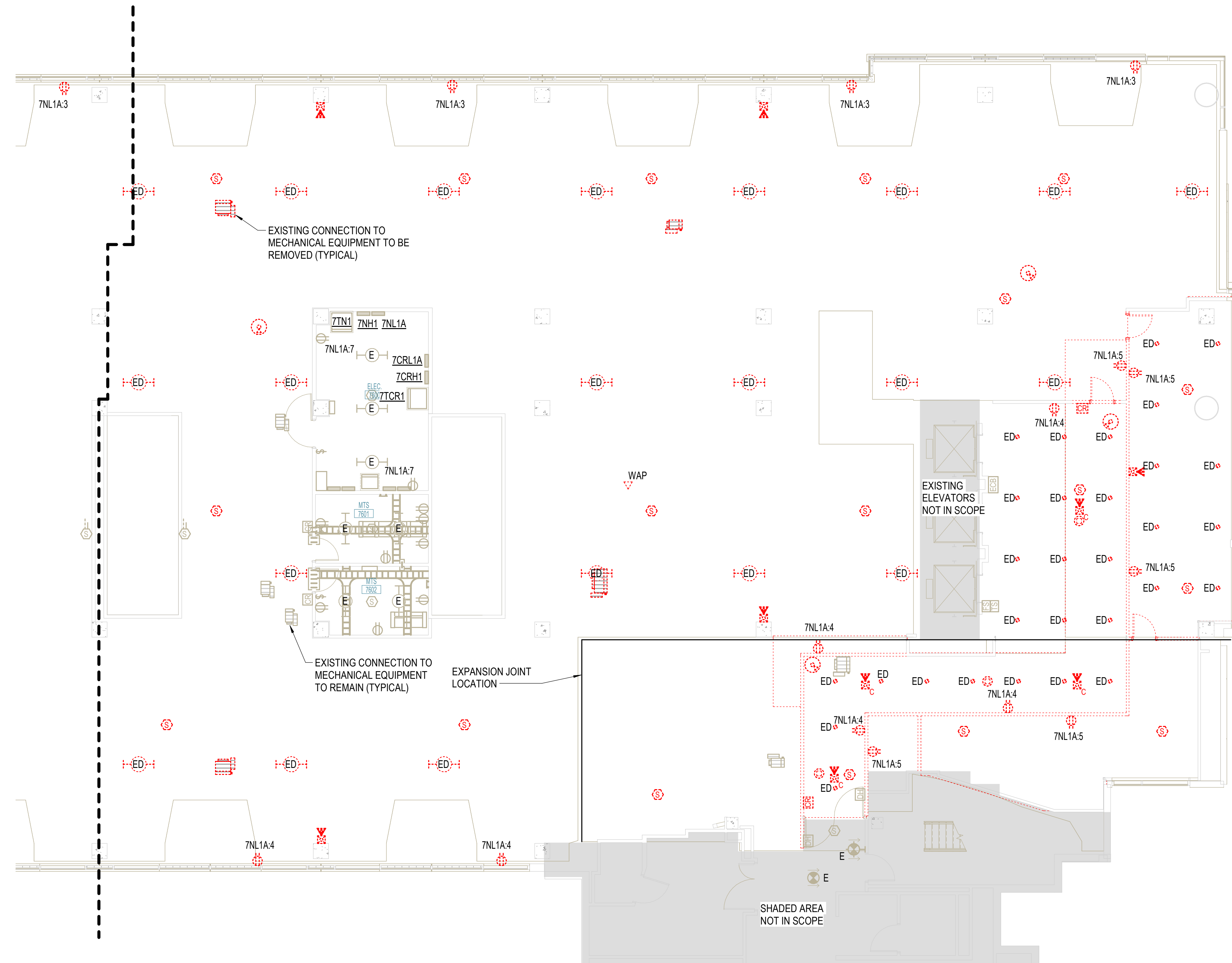
PROFESSIONAL ENGINEERING CONSULTANTS P.A.
 1624 S UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 P.E.I.S. EXPIRES: DECEMBER 31, 2024
PEC
 PEC PROJECT NUMBER: 20179400
 Floor No.:
 Sheet No.:
E-107A

DEMOLITION GENERAL NOTES

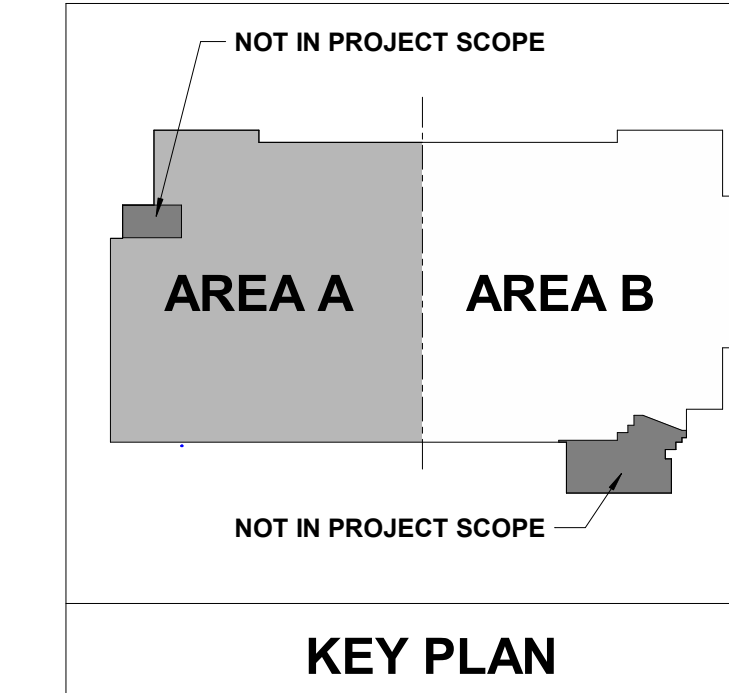
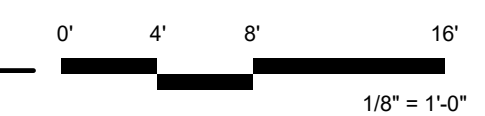
- DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED. SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, RECEPTACLES, LIGHTS, PANELS, ETC. 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.
- 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.
- ELECTRICAL 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.
- 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.
- ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) 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



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



PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1825 S UTICHAVE, SUITE 1400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758
Mercy Project No.: 2040-821203
Date: 11/13/2024
Scale: As indicated

7TH FLOOR ELECTRICAL DEMOLITION PLAN - AREA B



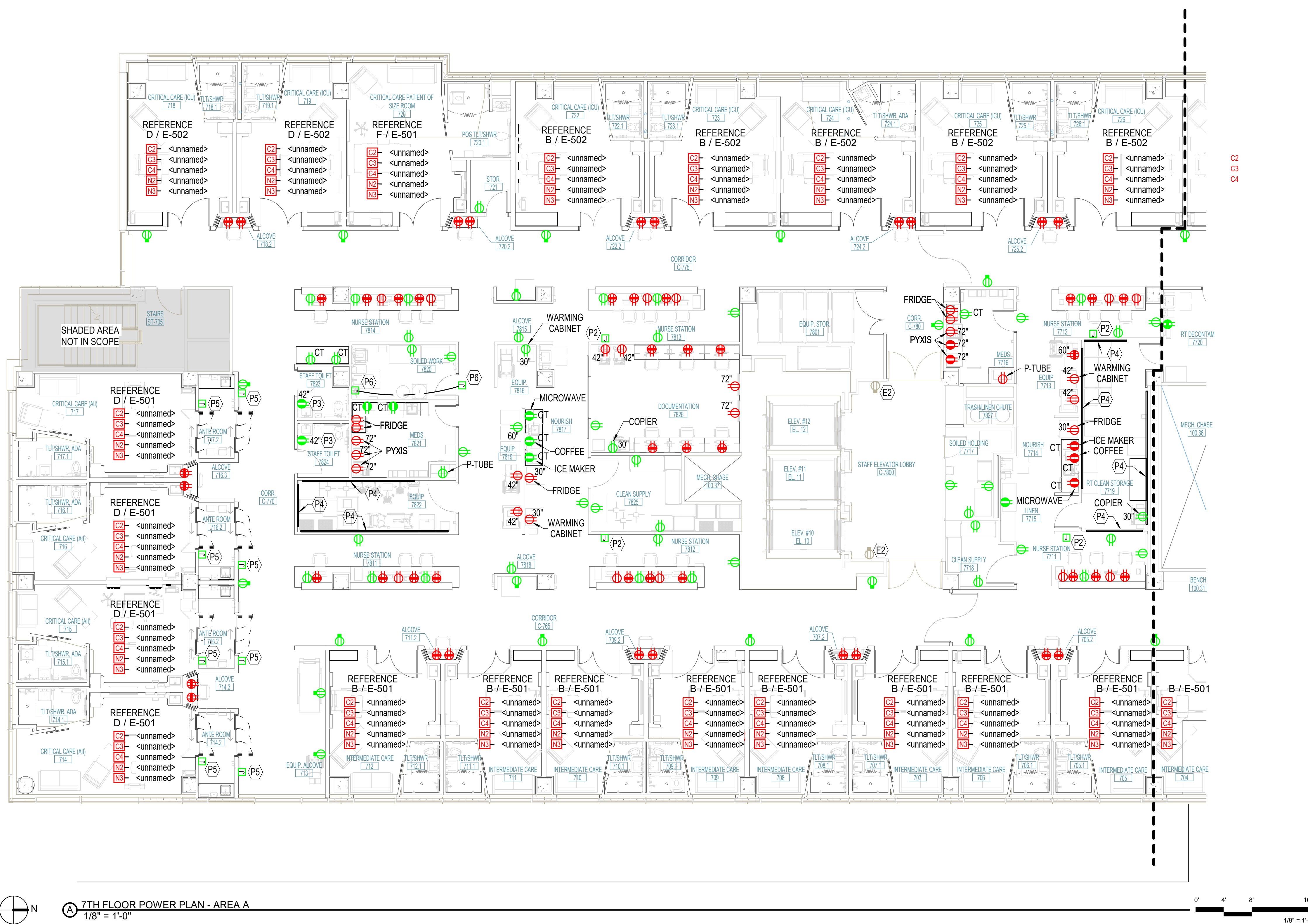
Sheet No.: **E-107B**

POWER GENERAL NOTES

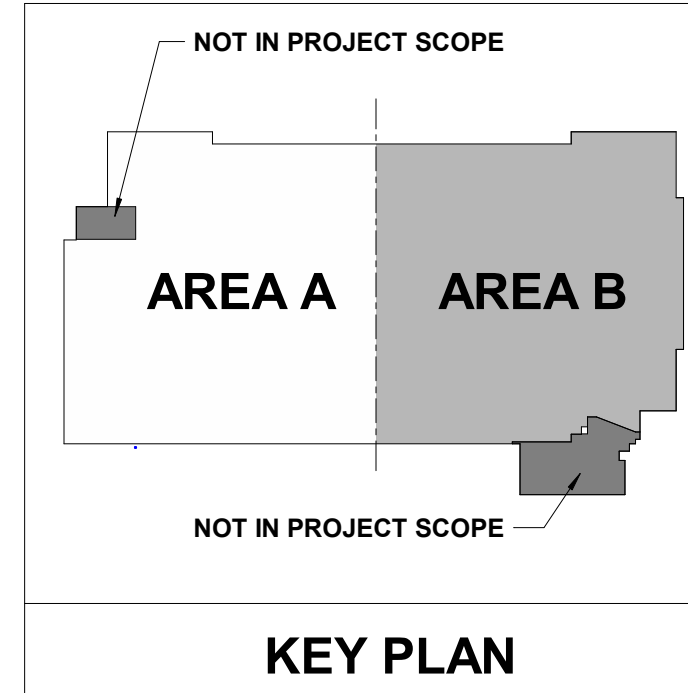
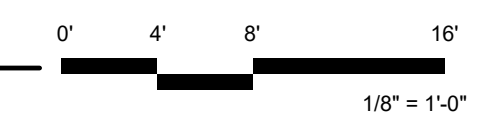
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED 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 STG RATED WALLS. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF STG 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 THROUGH WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYNOTES

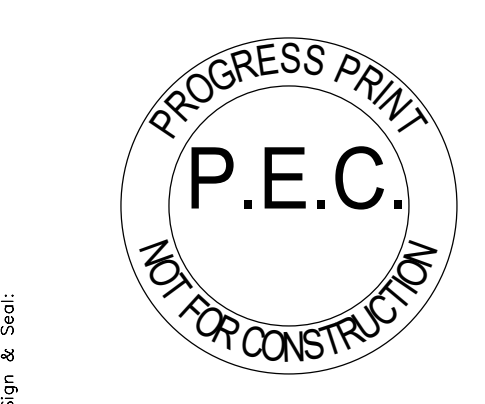
- | # | KEYNOTES |
|----|---|
| E2 | CONTRACTOR TO VERIFY EXISTING RECEPTACLE IS TAMPER RESISTANT. IF EXISTING IS NOT TAMPER RESISTANT, CONTRACTOR TO REPLACE IN PLACE. |
| P2 | JUNCTION BOX RECESSED IN WALL FOR CONNECTION TO MED GAS AREA ALARM PANEL LOCATION. PROVIDE 1" CONDUIT FOR ALARM CABLING AS REQUIRED. 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. |



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



KEY PLAN



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 POWER PLAN - AREA A



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S. UTICA AVE. SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 240179400 C.O.A. #942 FELS EXP. DEC. 31, 2024

E-207A

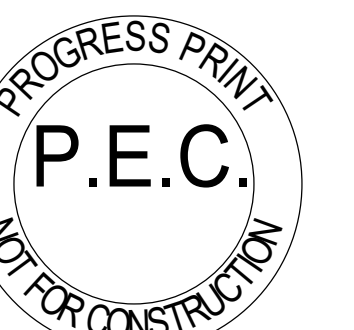
POWER GENERAL NOTES

- 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.
- 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

- # 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 RECEPTABLES 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.

No.	Date	Description

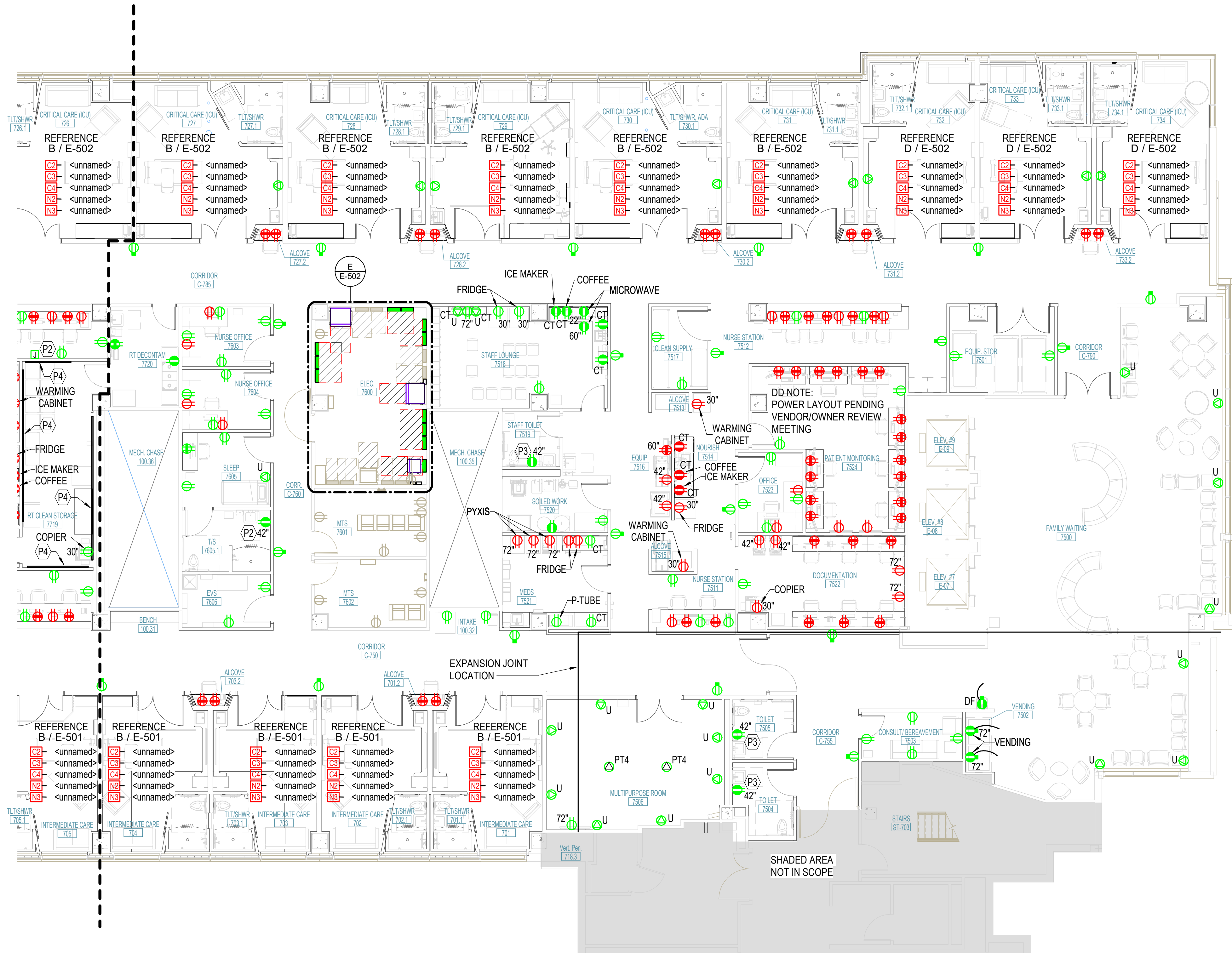


Sheet No. 20179400
Date: 11/13/2024
Scale: As indicated

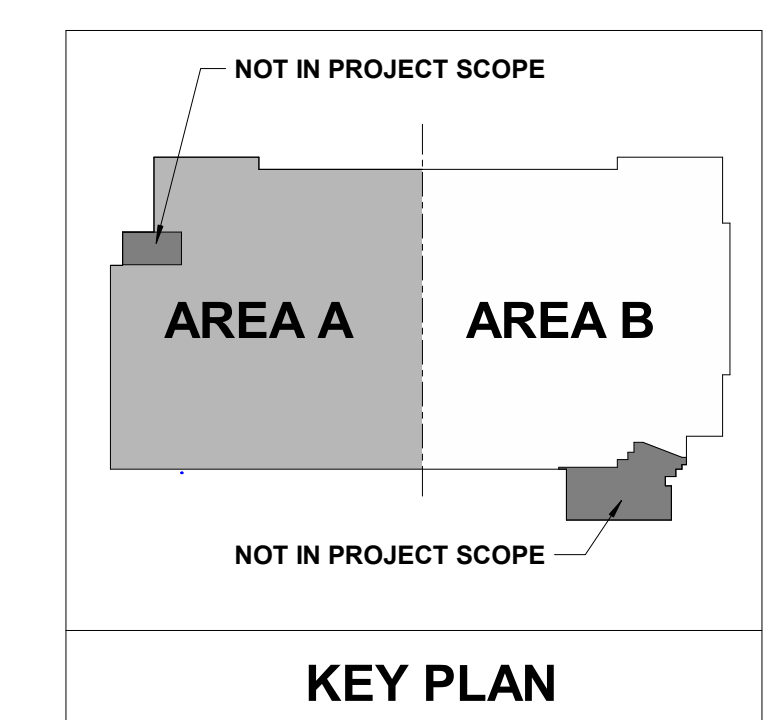
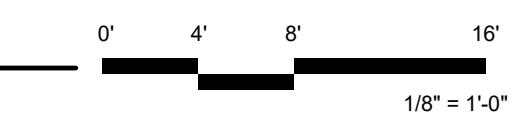
Mercy Project No.: 2040-821203
Building No.: 1388
Rogers 7th Floor ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

MERCY NWA HOSPITAL
Rogers 7th Floor ICU
7TH FLOOR POWER PLAN - AREA B

Mercy logo
E-207B



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



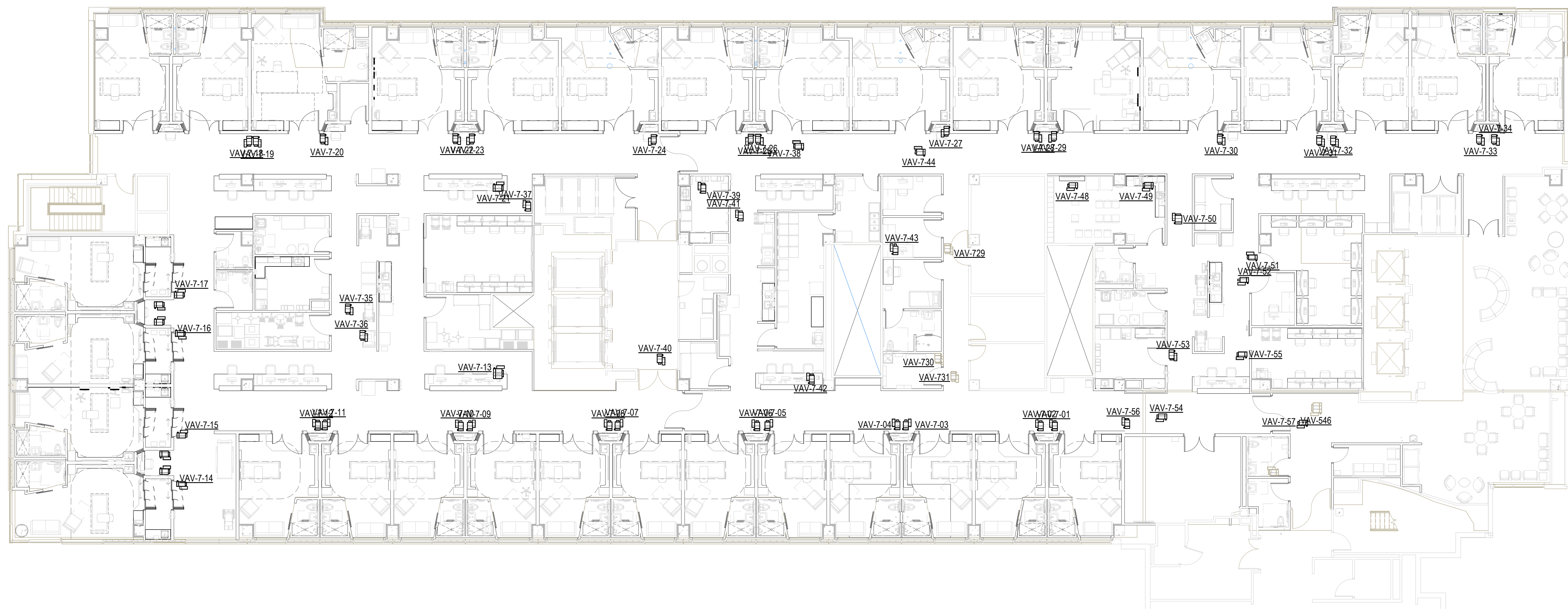
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S. UTICA AVE. SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 20179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

POWER GENERAL NOTES

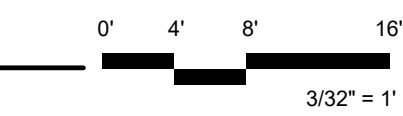
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED 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

No.	Date	Description



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



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

MERCY NWA HOSPITAL
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
7TH FLOOR POWER PLAN - MECHANICAL CONNECTIONS



PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S. UTICA AVE., SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

Floor No:
 Sheet No:
E-217

ELECTRICAL 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 THROUGH WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE ALL ISOLATED GROUND CIRCUITS WITH INDIVIDUAL NEUTRAL CONDUCTORS AND EQUIPMENT GROUND CONDUCTORS.
- 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.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHT FIXTURE LOCATIONS. VERIFY ALL DISCREPANCIES WITH ARCHITECT PRIOR TO ROUGH-IN.



Architect's Logo

No.	Date	Description



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

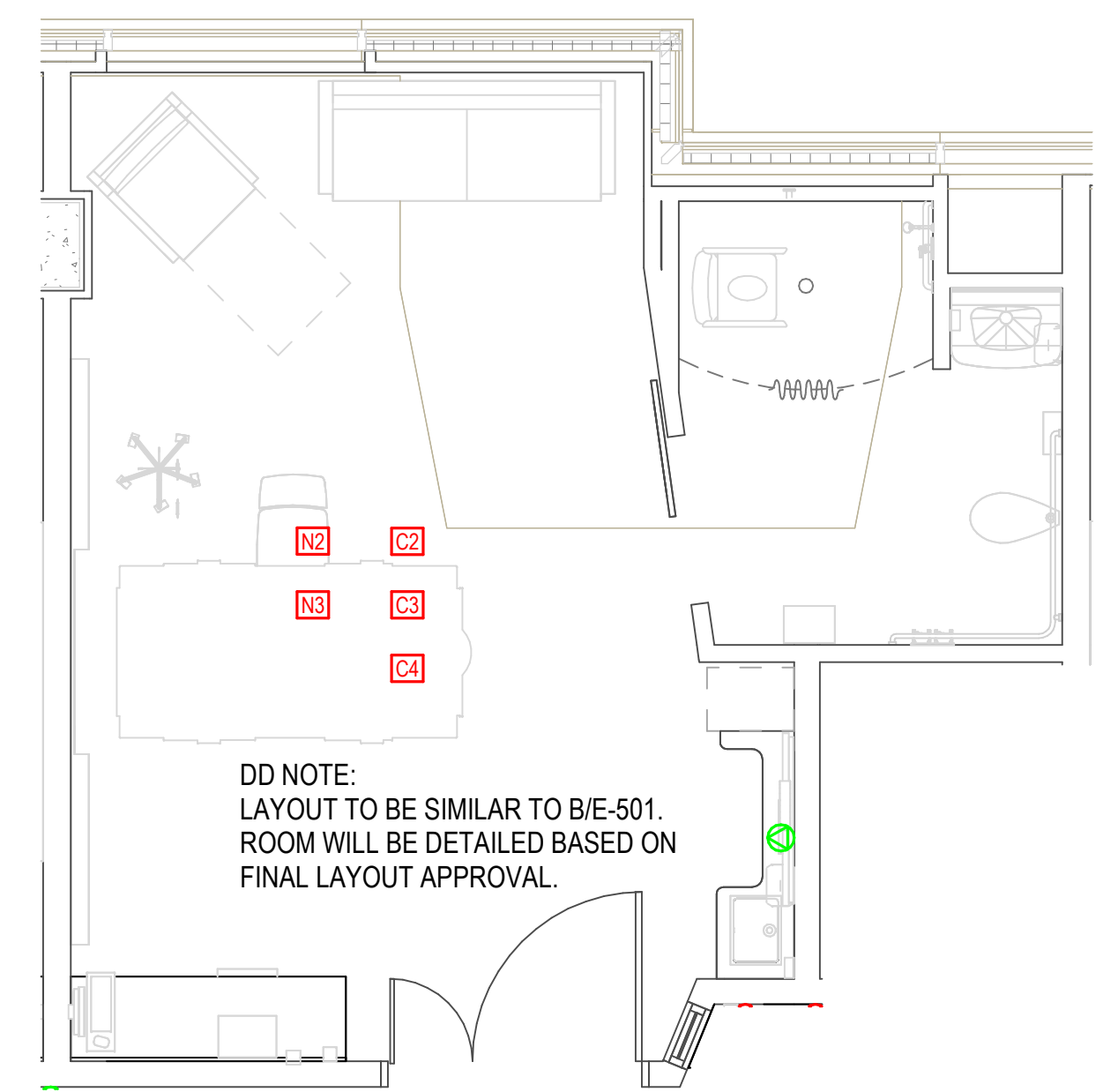
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

ELECTRICAL ENLARGED PLANS

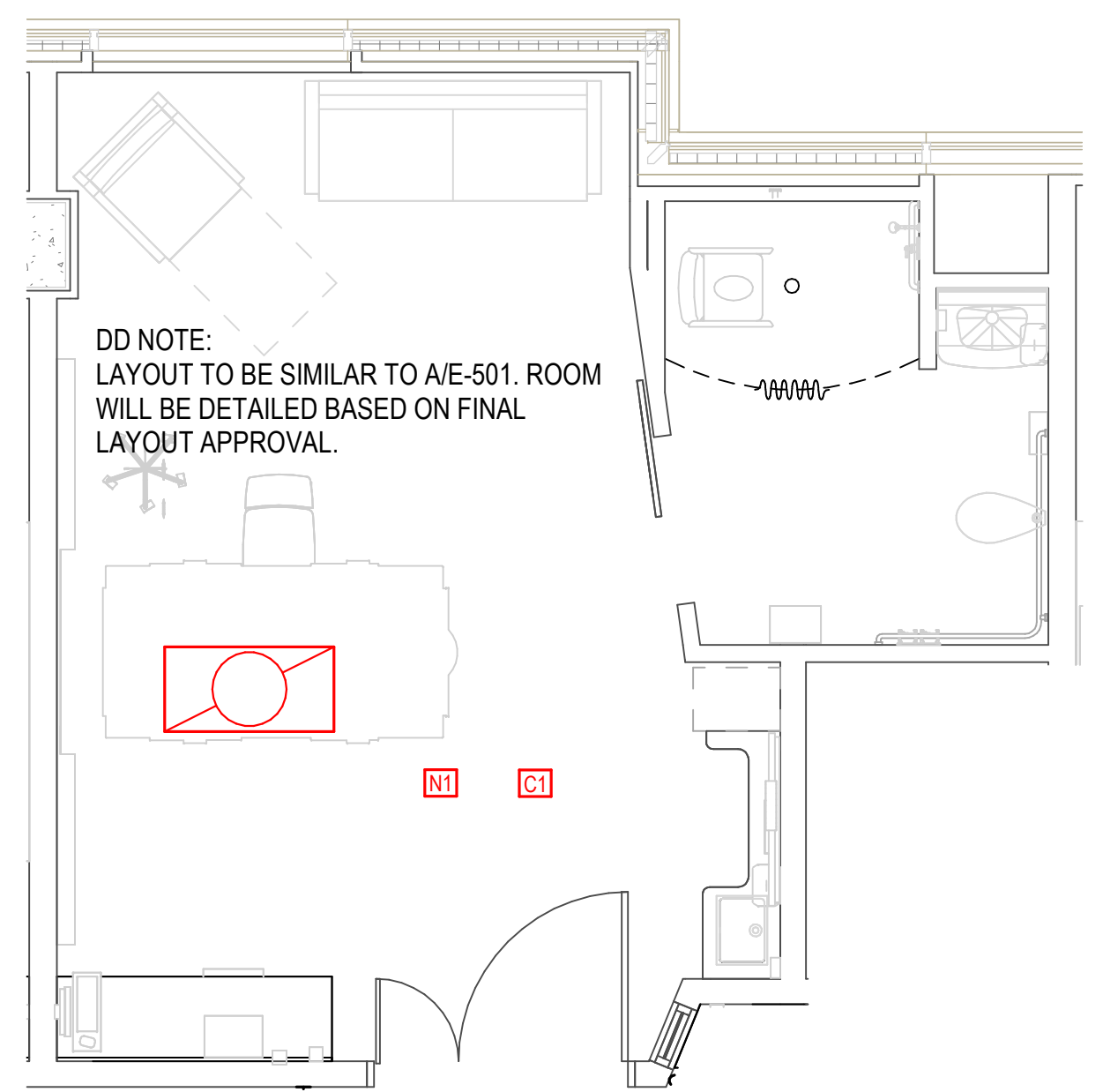


Sheet No.: **E-501**

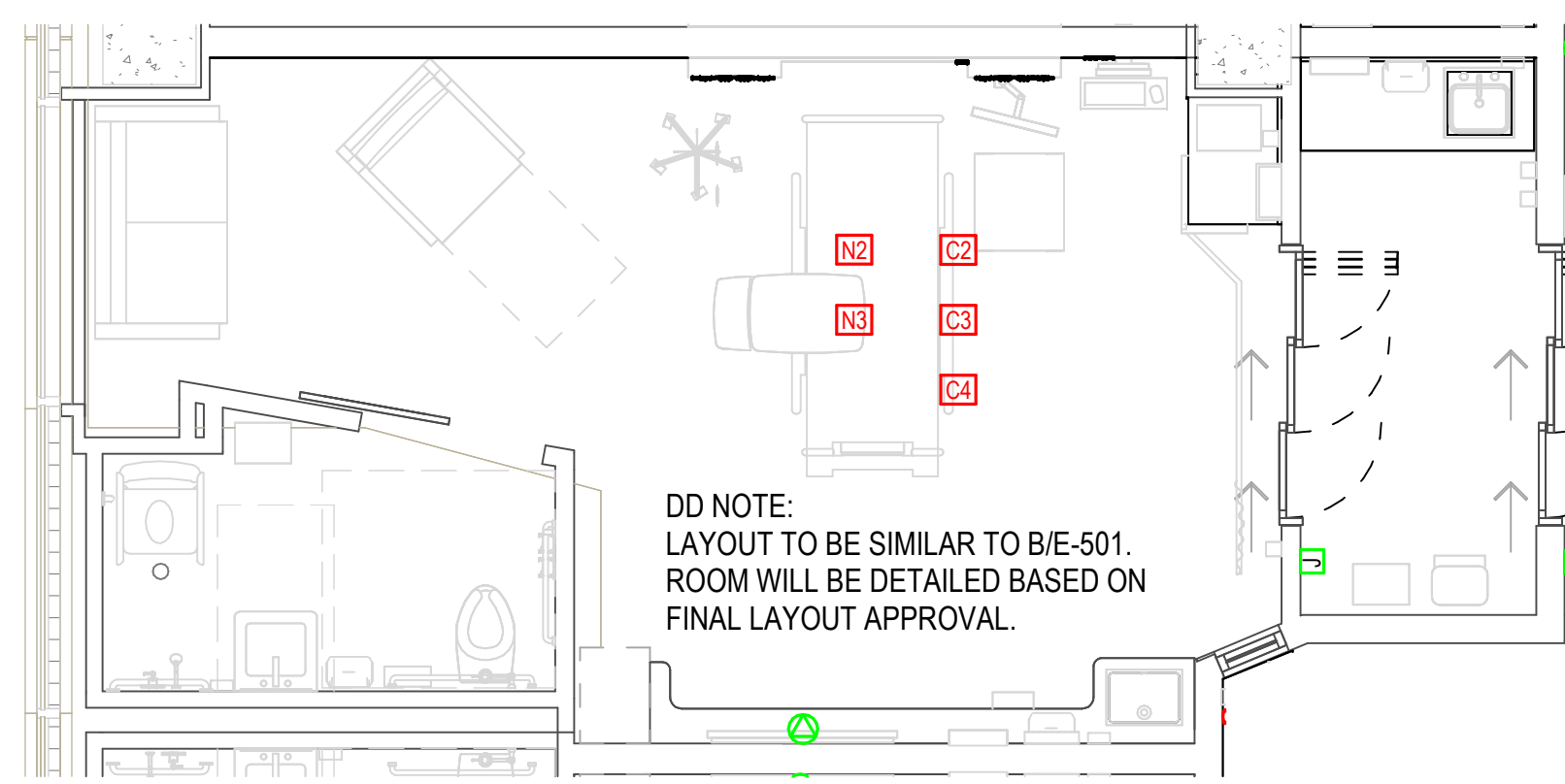
PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1625 S UTICHA AVE. SUITE 1400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 240179-000 C.O.A. #942 PELS EXPIRES: DECEMBER 31, 2024



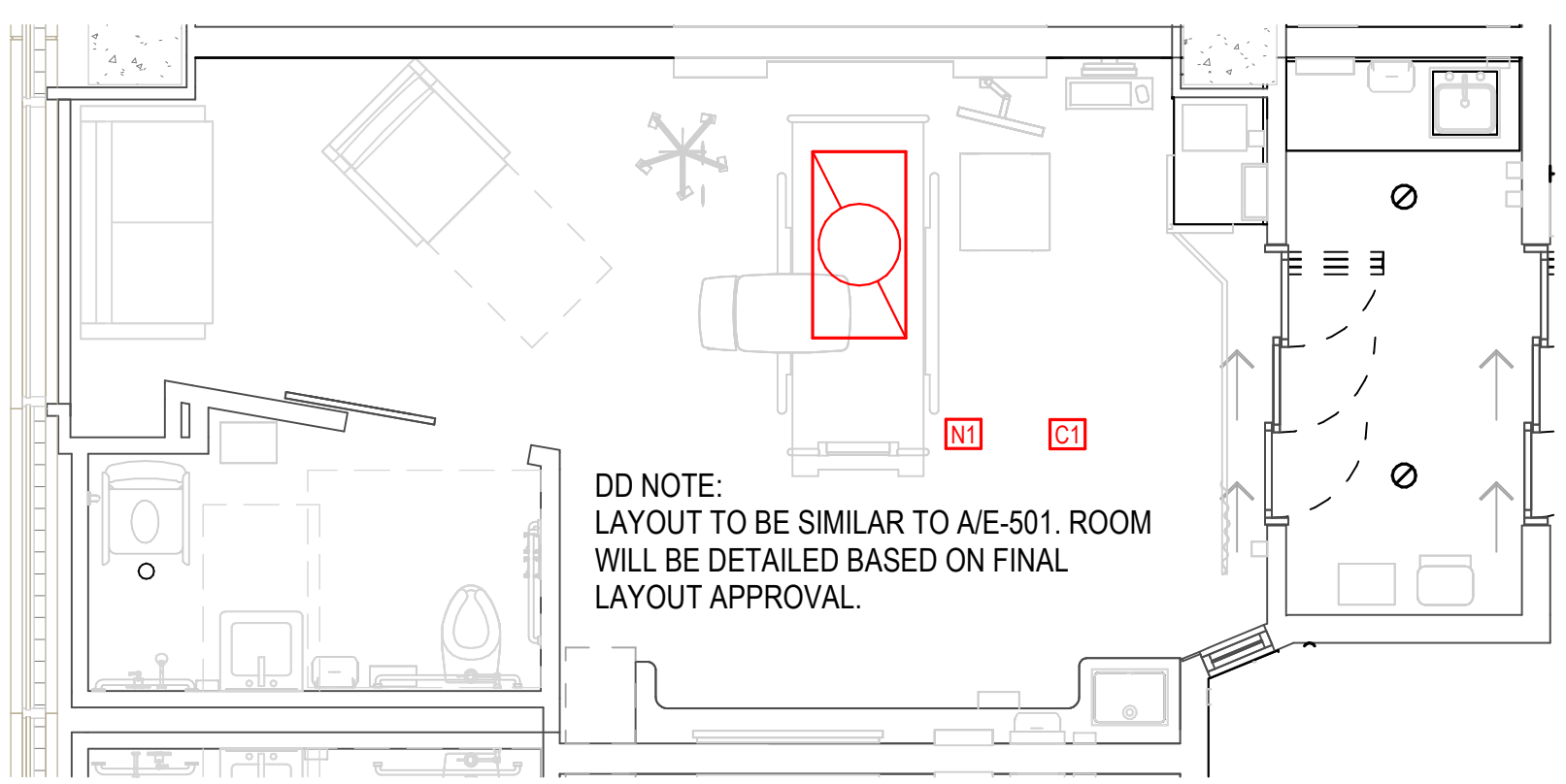
F ENLARGED CRITICAL CARE PATIENT OF SIZE - POWER
0' 2' 4' 6' 1/4" = 1'-0"



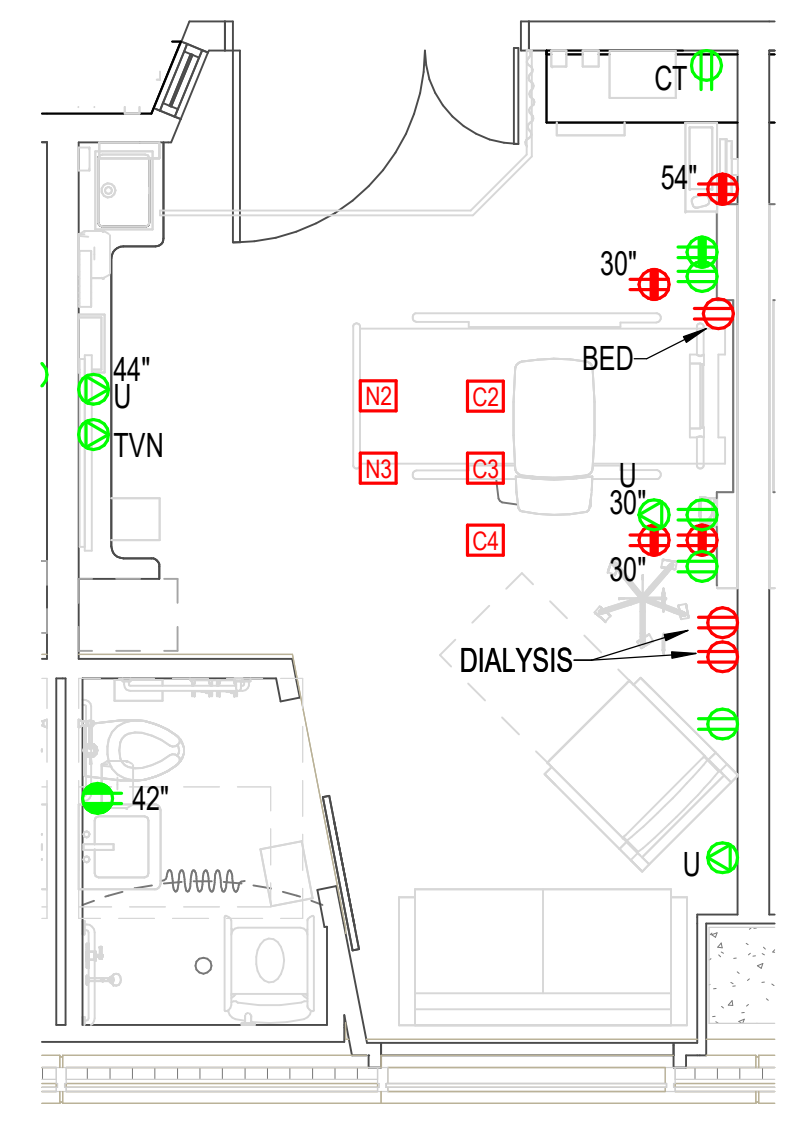
E ENLARGED CRITICAL CARE PATIENT OF SIZE - LIGHTING
0' 2' 4' 6' 1/4" = 1'-0"



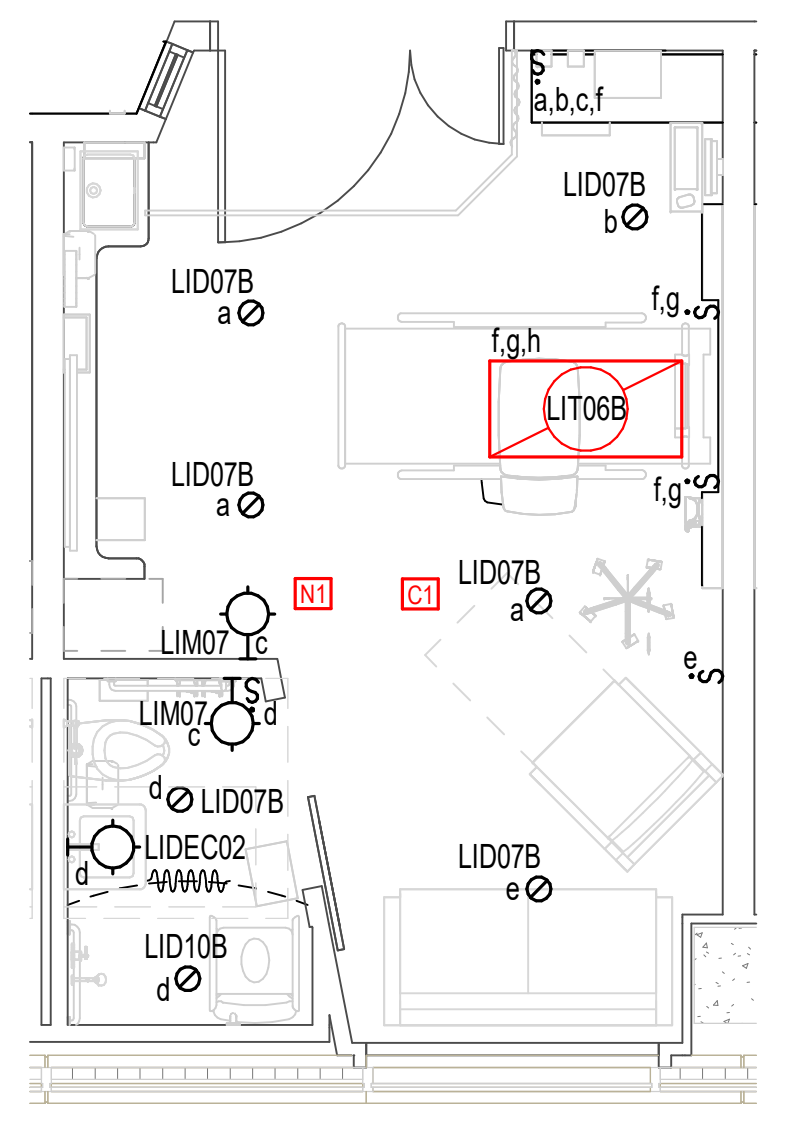
D TYPICAL ENLARGED CRITICAL CARE (AII) - POWER
0' 2' 4' 6' 1/4" = 1'-0"



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"

No.	Date	Description



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
Sheet Name: ELECTRICAL ENLARGED PLANS

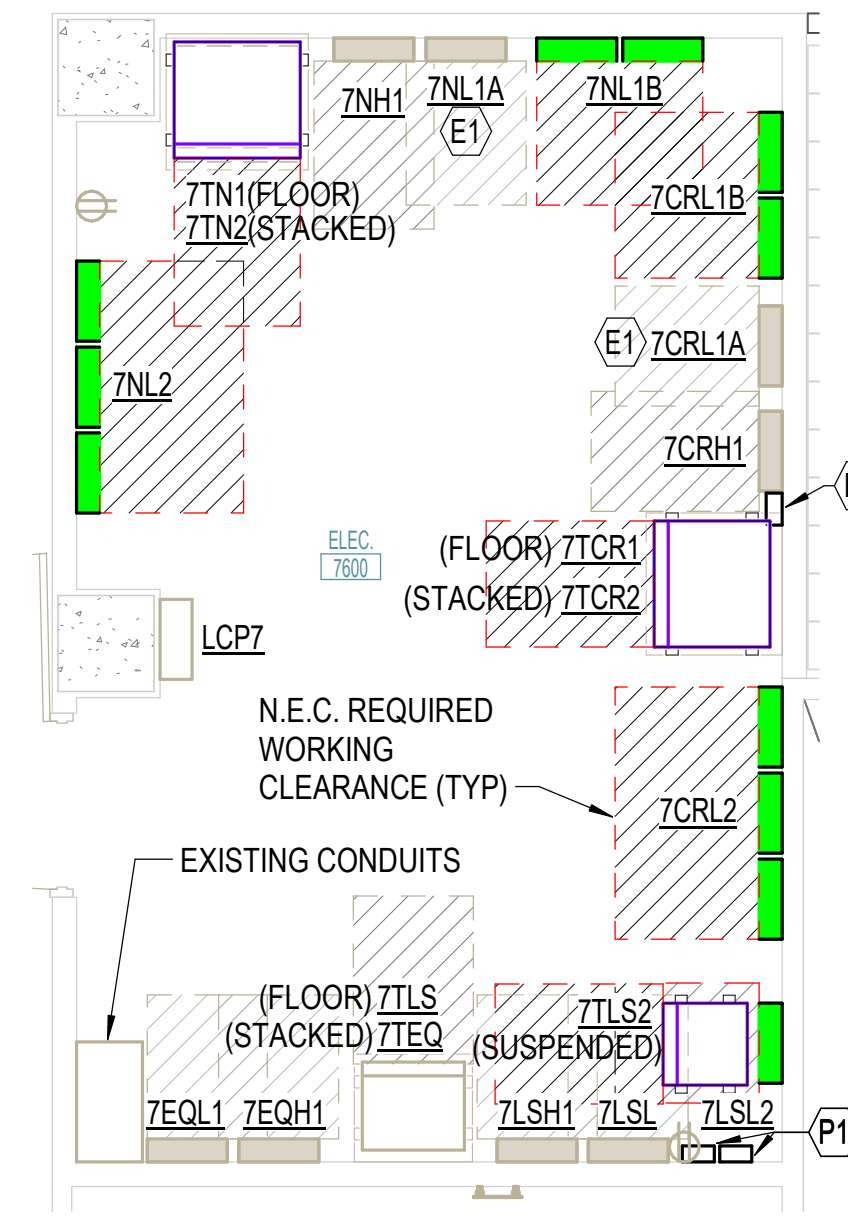


ELECTRICAL GENERAL NOTES

- 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.
- PROVIDE ALL ISOLATED GROUND CIRCUITS WITH INDIVIDUAL NEUTRAL CONDUCTORS AND EQUIPMENT GROUND CONDUCTORS.
- 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.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHT FIXTURE LOCATIONS. VERIFY ALL DISCREPANCIES WITH ARCHITECT PRIOR TO ROUGH-IN.

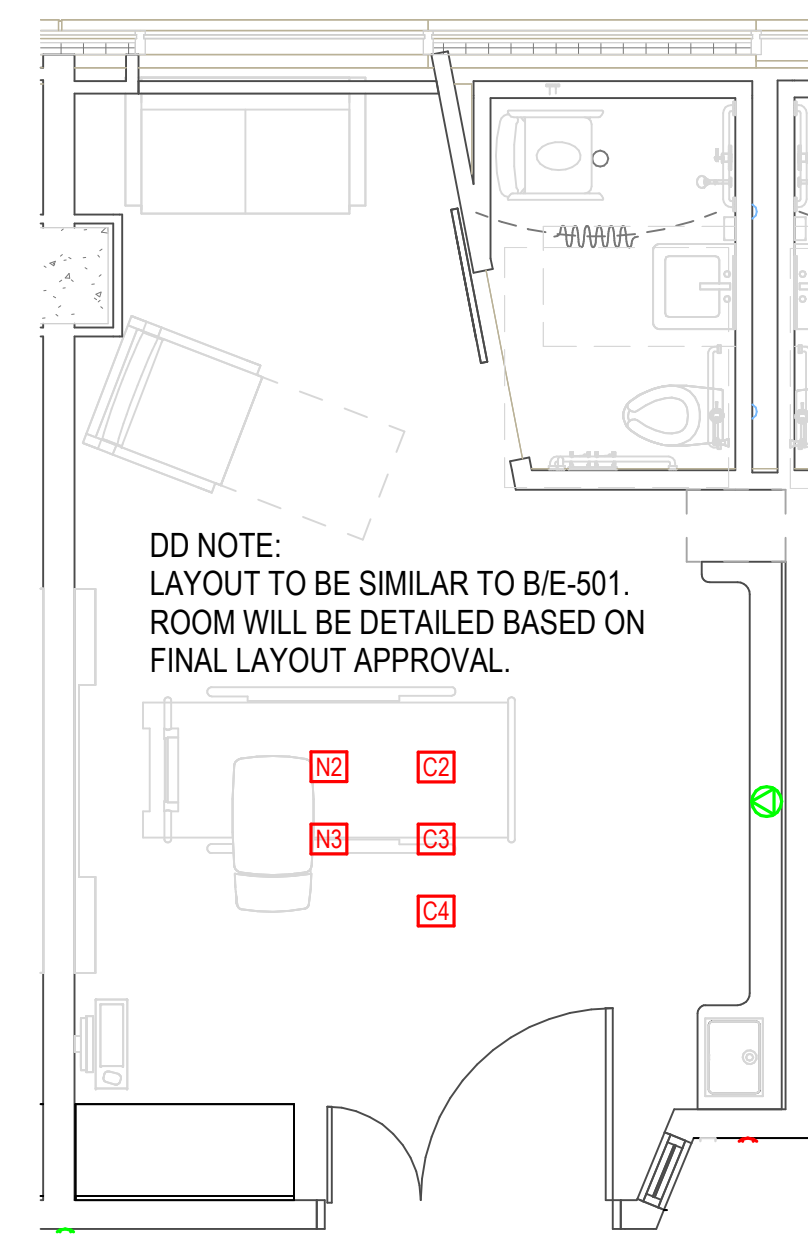
KEYNOTES

- 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.



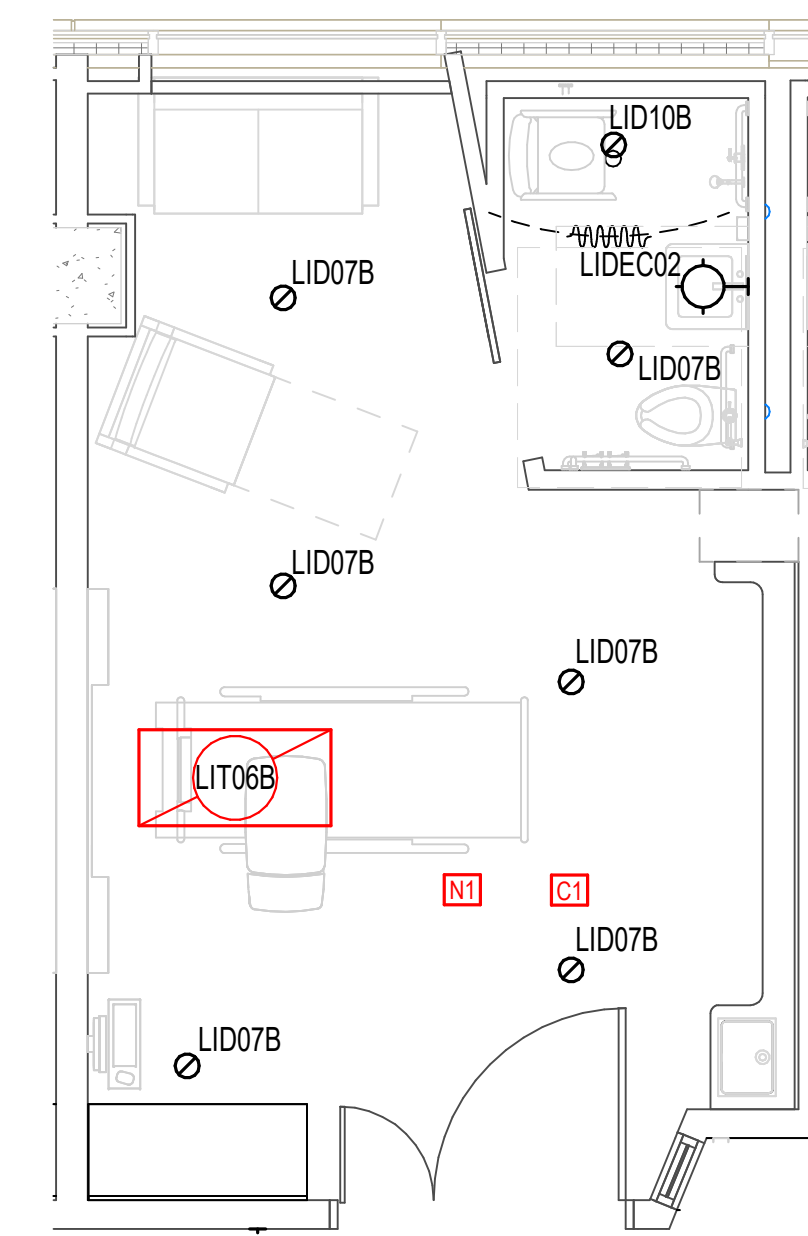
E ENLARGED ELECTRICAL ROOM

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



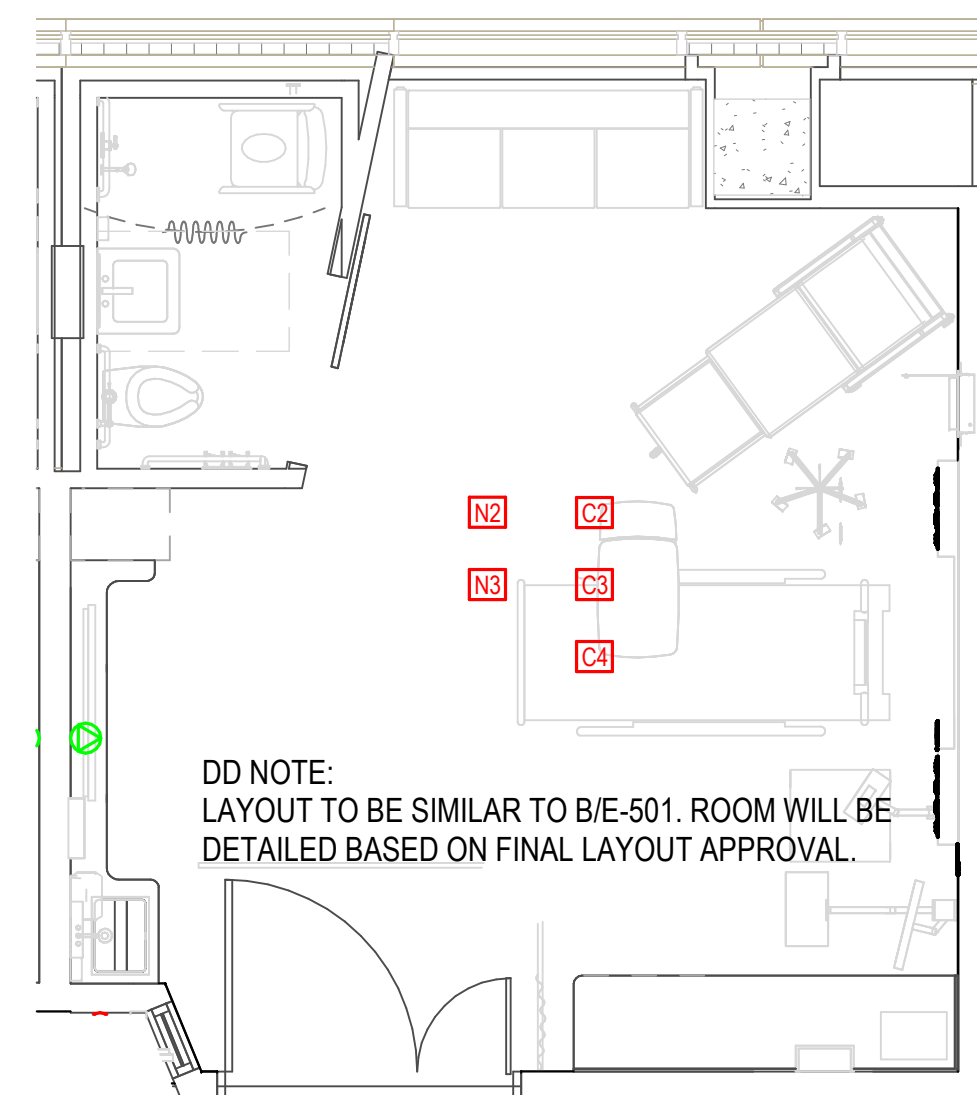
D TYPICAL ENLARGED CRITICAL CARE (ICU) - POWER

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



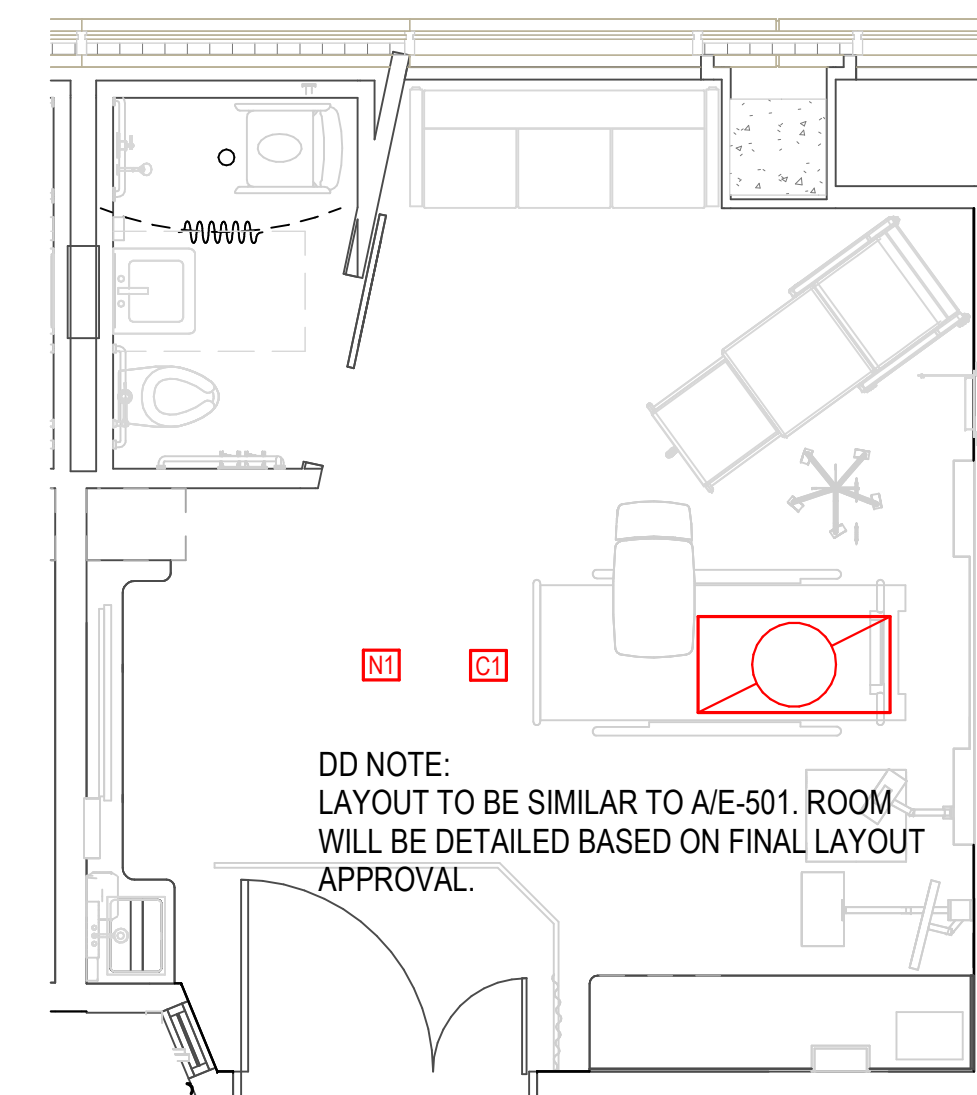
C TYPICAL ENLARGED CRITICAL CARE (ICU) - LIGHTING

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



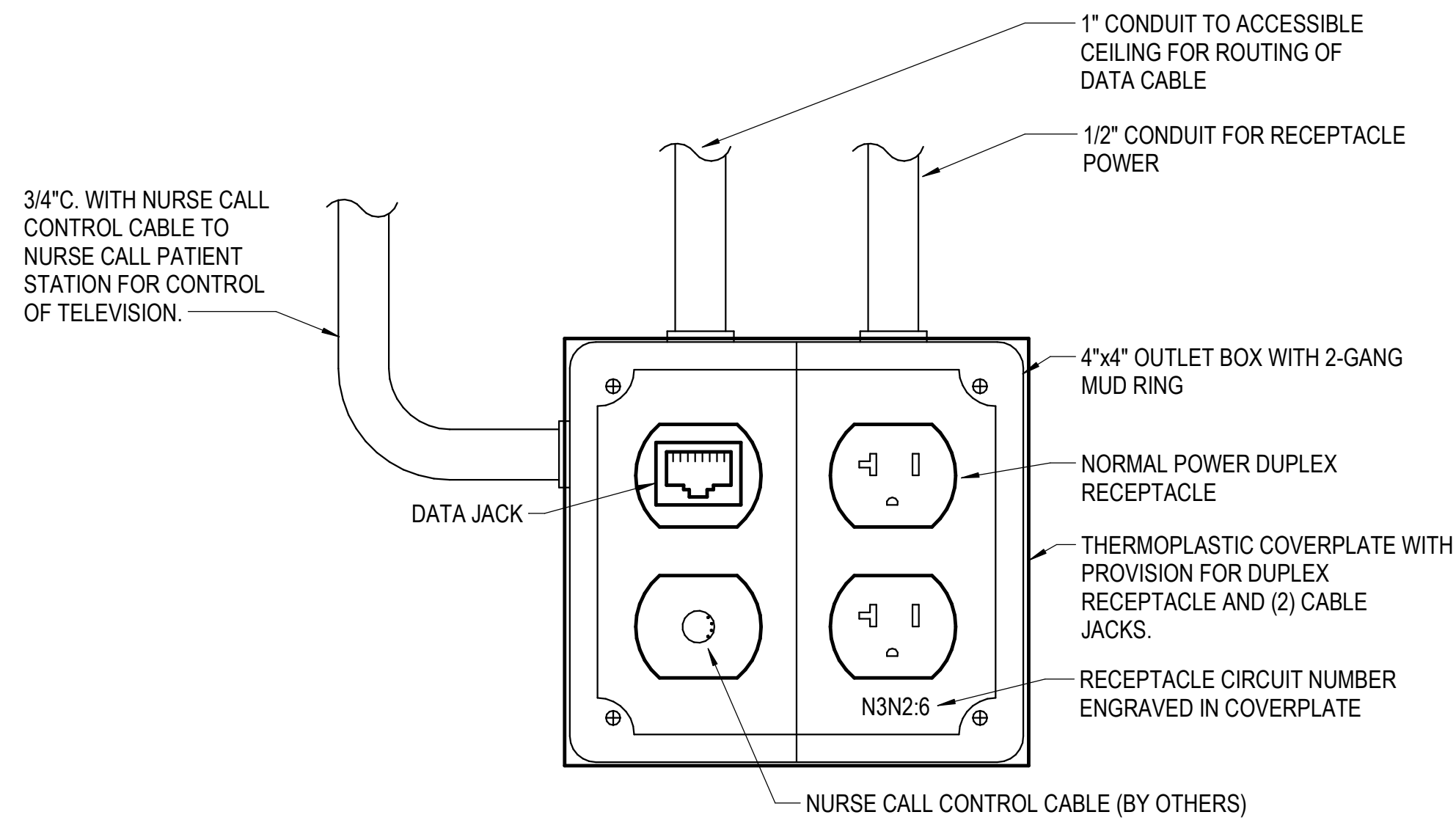
B TYPICAL ENLARGED CRITICAL CARE (ICU) - POWER

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

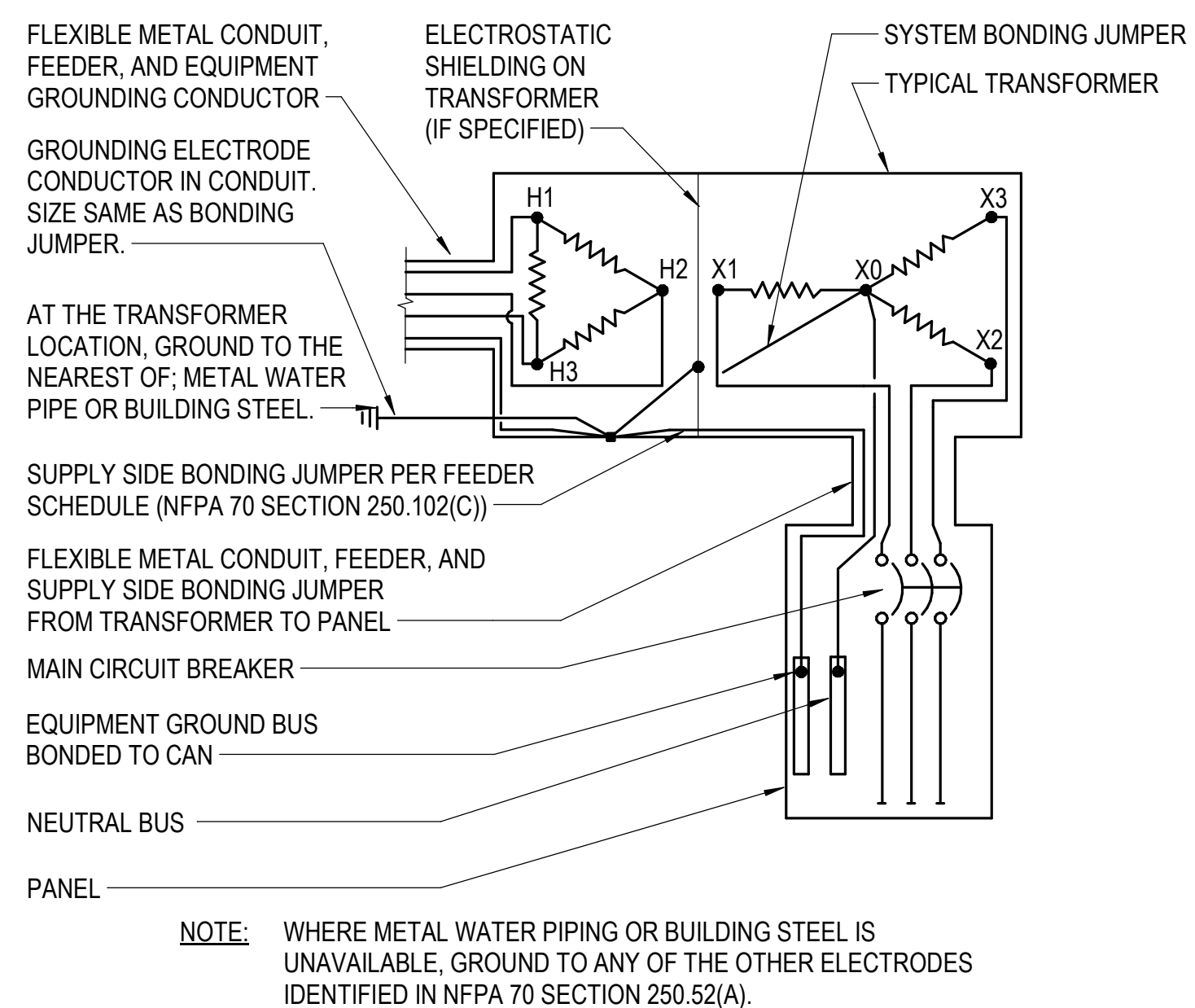


A TYPICAL ENLARGED CRITICAL CARE (ICU) - LIGHTING

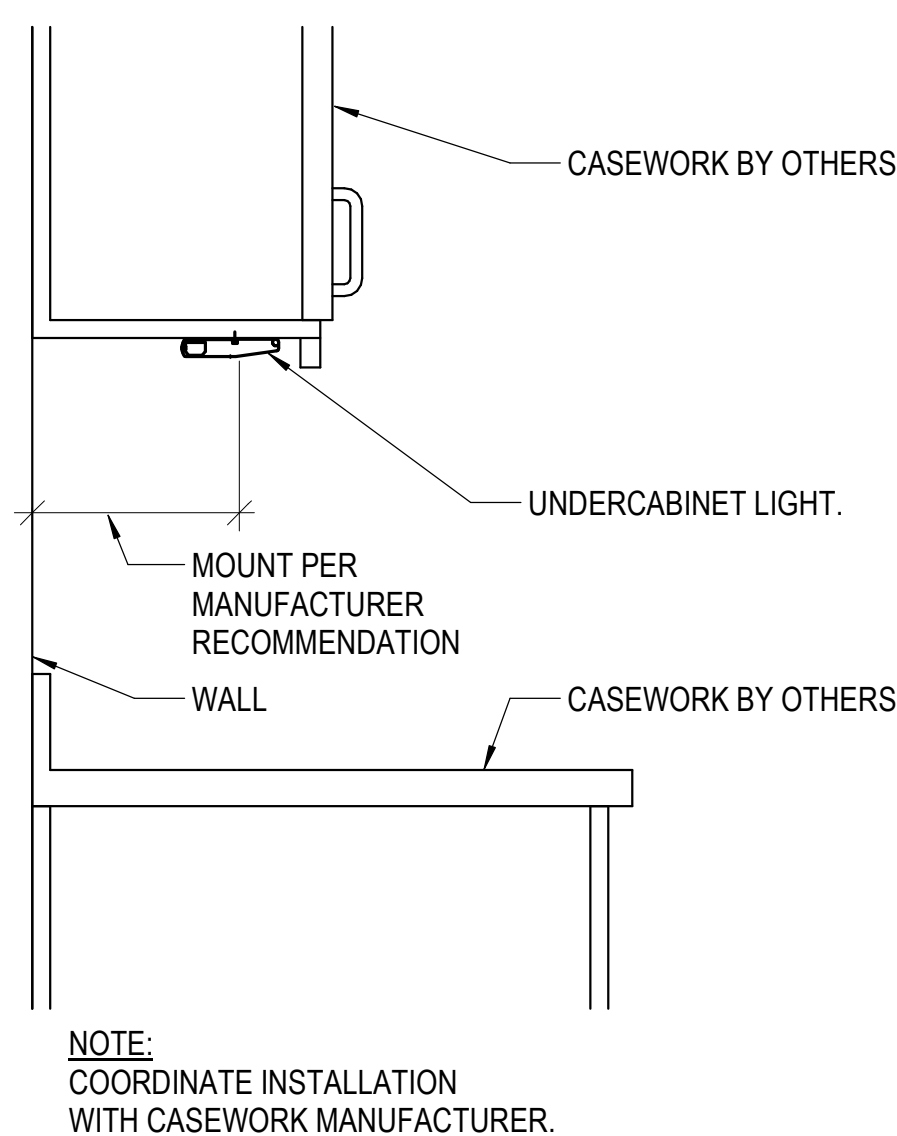
0' 2' 4' 6' 1/4" = 1'-0"



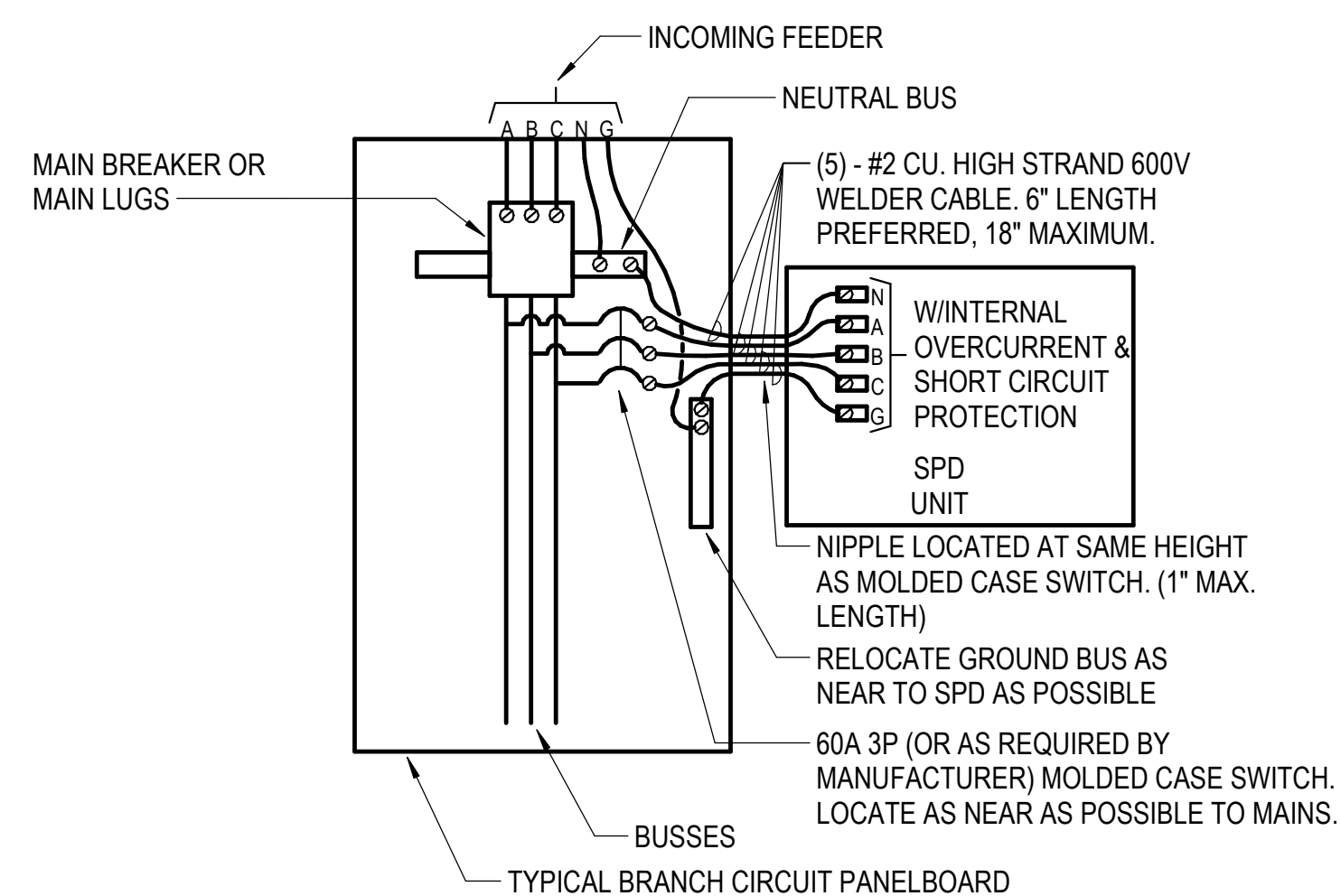
9 TELEVISION OUTLET WITH NURSE CALL CONNECTION DETAIL
NO SCALE



8 TYPICAL TRANSFORMER GROUNDING DETAIL
NO SCALE

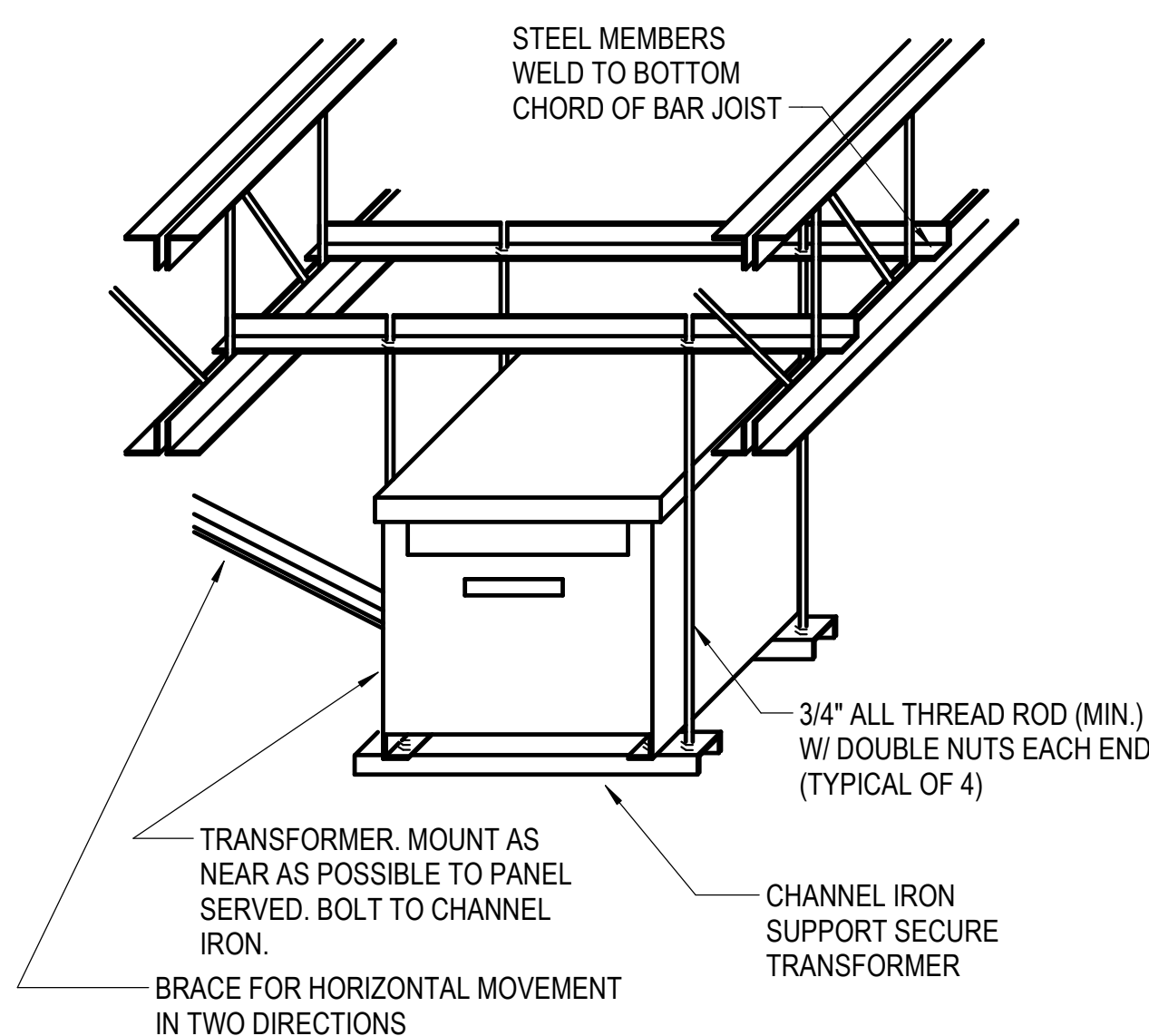


7 TYPICAL UNDERCABINET FIXTURE INSTALLATION
NO SCALE



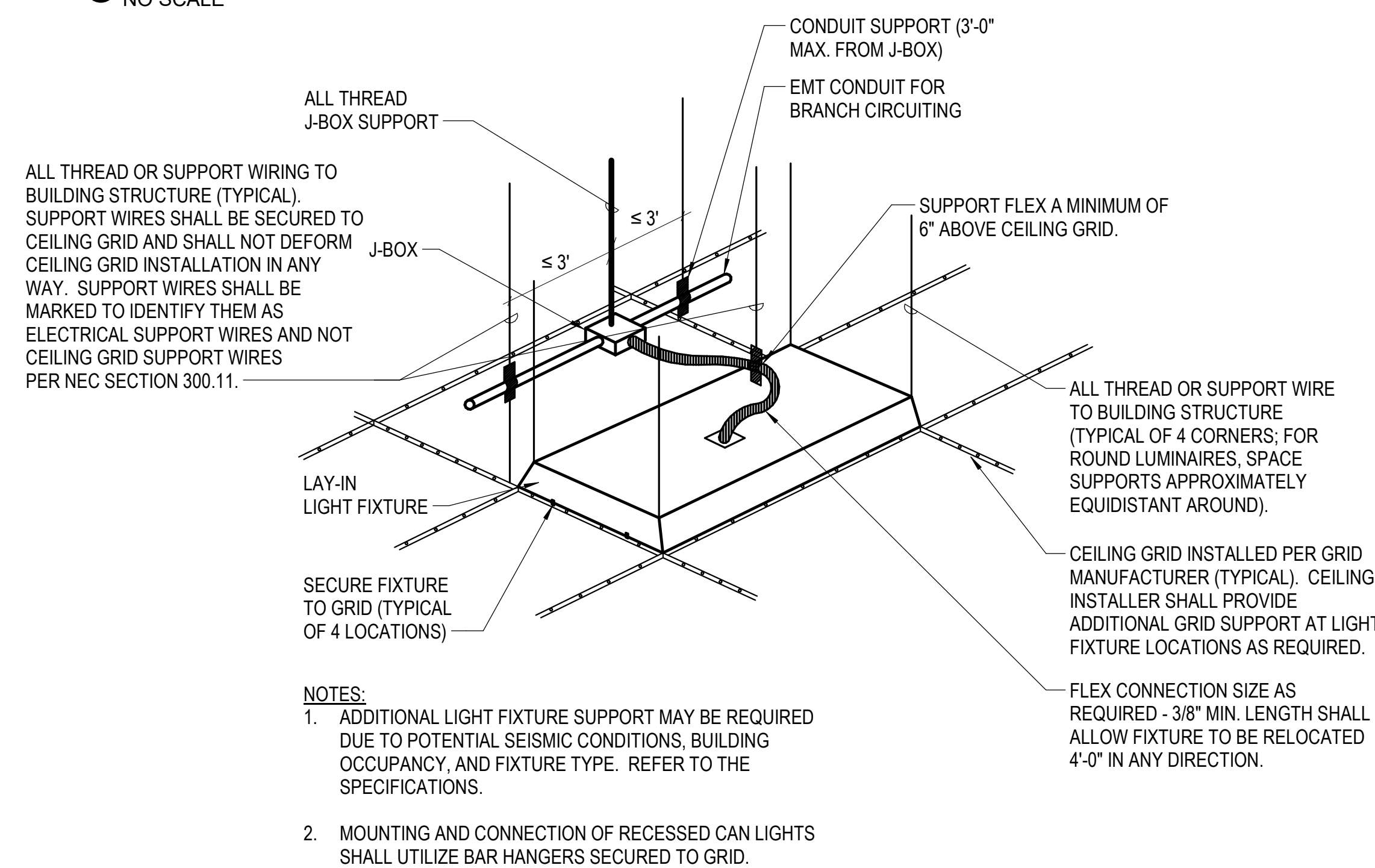
- NOTES:
- SPD AND MOLDED CASE SWITCH SHALL BE LOCATED AT THE BOTTOM OF THE PANEL. IF THE MAIN BREAKER OR MAIN LUGS ARE AT THAT END.
 - WHERE INSTALLING SPD FOR EXISTING PANEL, LOCATE AS NEAR AS POSSIBLE TO PANEL, MOUNTED ON WALL.

6 SPD INSTALLATION DETAIL - PANELBOARD
NO SCALE



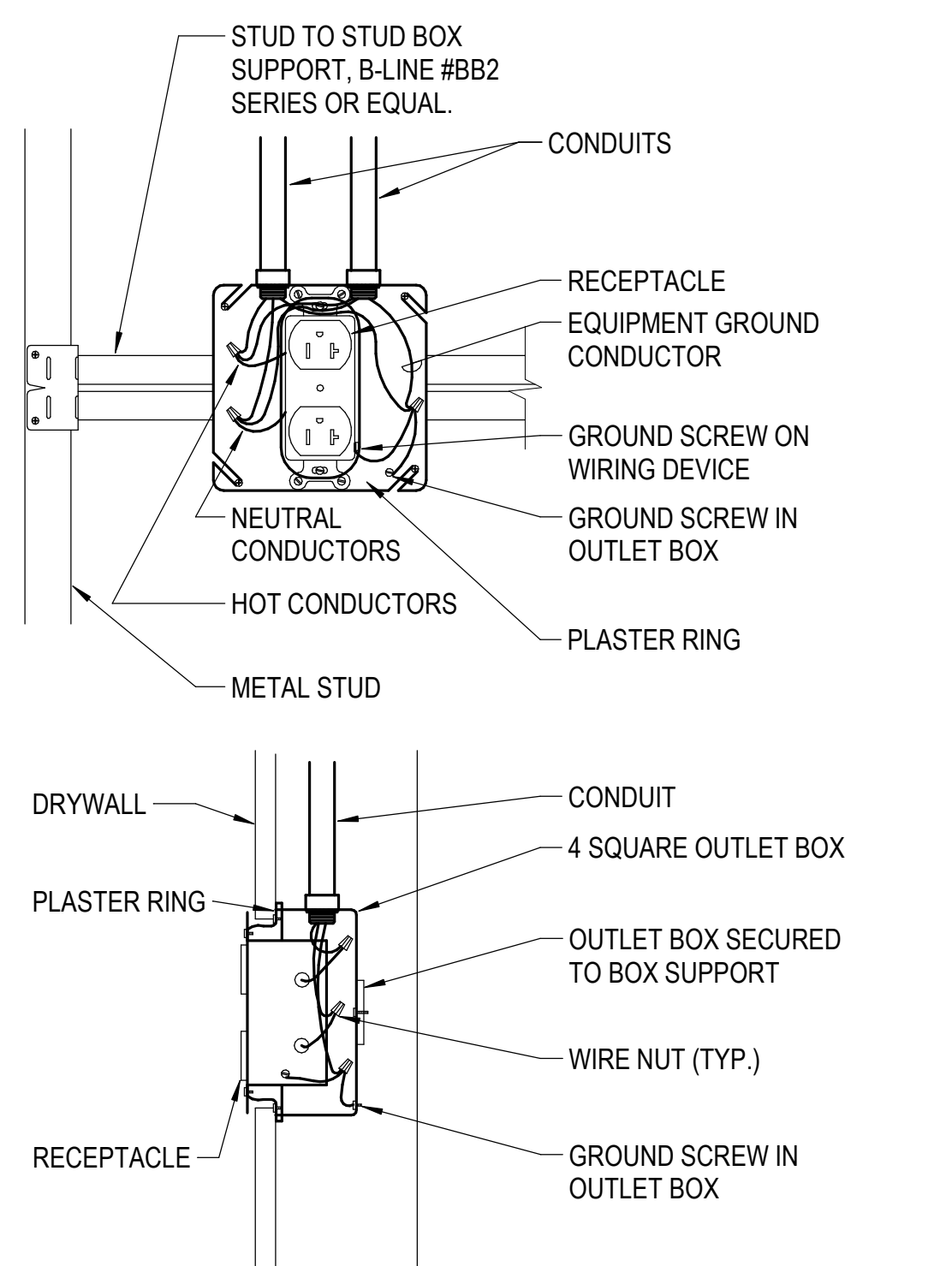
- NOTE:
- PROVIDE 12\"/>

5 TRANSFORMER MOUNTING - STEEL JOISTS
NO SCALE

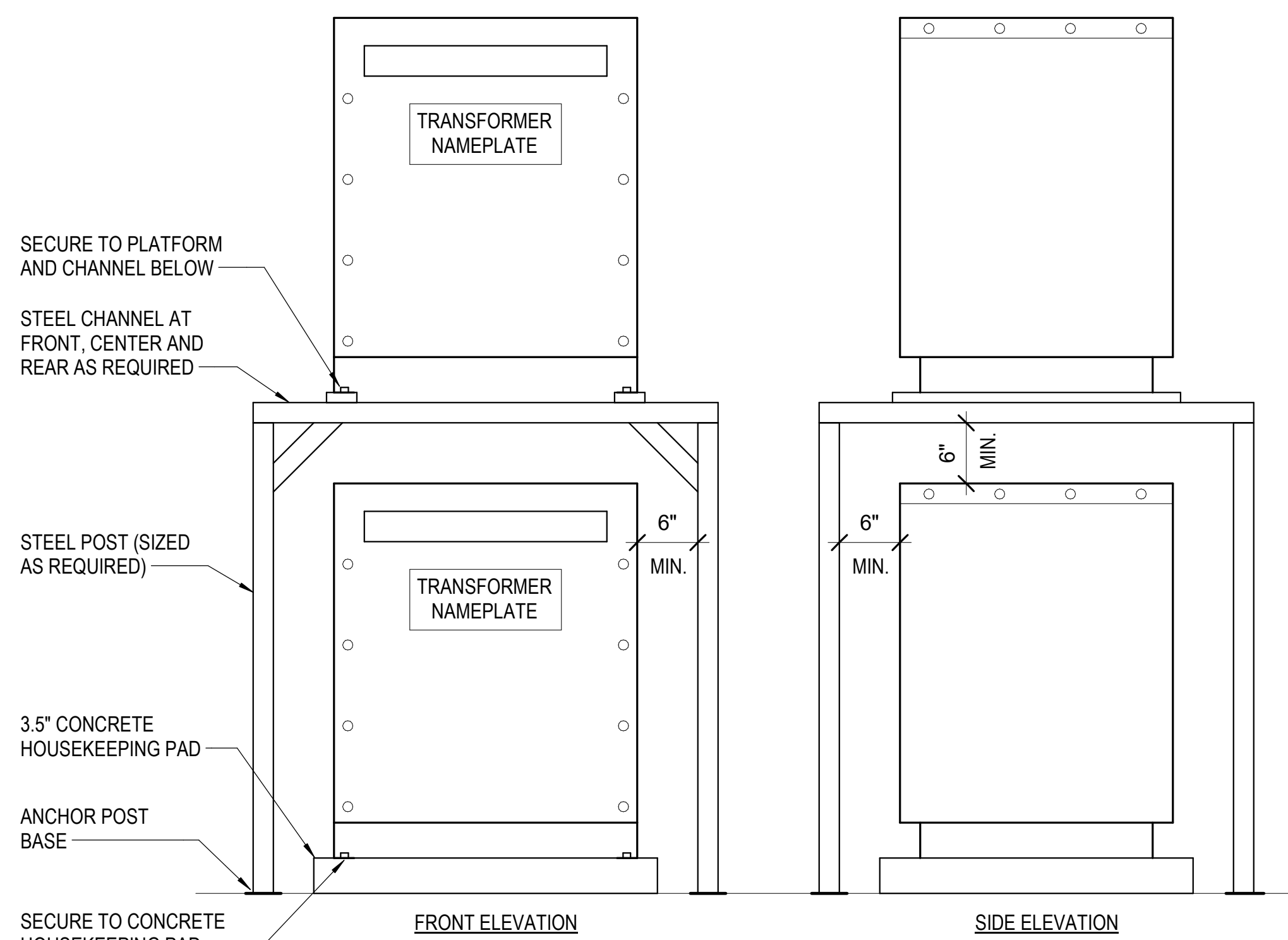


- NOTES:
- ADDITIONAL LIGHT FIXTURE SUPPORT MAY BE REQUIRED DUE TO POTENTIAL SEISMIC CONDITIONS, BUILDING OCCUPANCY, AND FIXTURE TYPE. REFER TO THE SPECIFICATIONS.
 - MOUNTING AND CONNECTION OF RECESSED CAN LIGHTS SHALL UTILIZE BAR HANGERS SECURED TO GRID.

4 TYPICAL LAY-IN FIXTURE INSTALLATION
NO SCALE

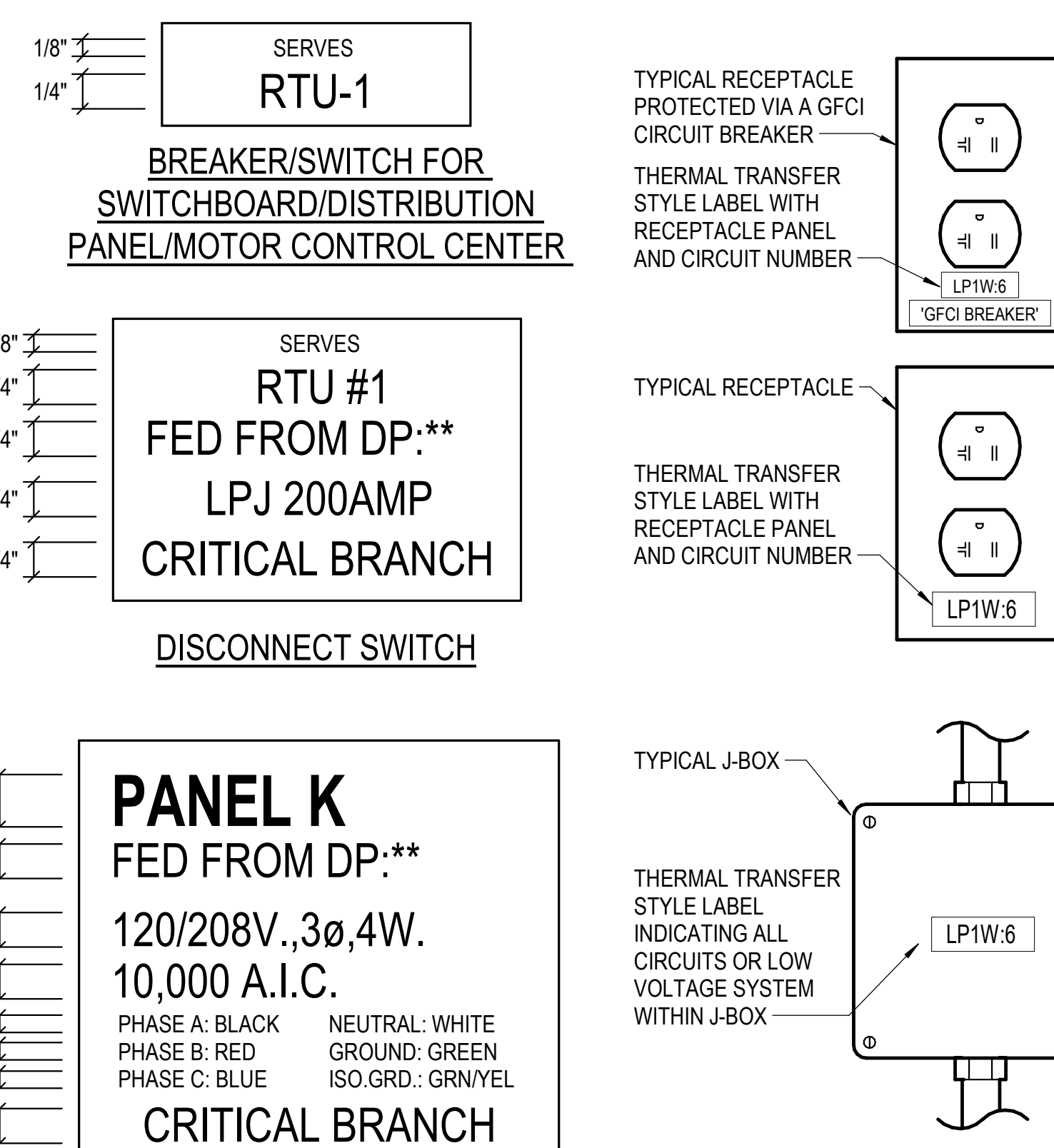


3 TYPICAL RECEPTACLE MOUNTING DETAIL
NO SCALE



- 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



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

ELECTRICAL DETAILS

PECC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1625 S. UTICA AVE., SUITE 400, TULSA, OK 74104
918-584-5400 www.pecc.com
C.O.A. #942 PEELS EXPIRES: DECEMBER 31, 2024



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" C.	--
[2]	XFMR:7TN2	1	3	#250 kcmil CU	#4	--	2-1/2" C.	--
[3]	PANELBOARD:7NL2	2	4	#3/0 AWG CU	#2	--	2-1/2" C.	--
[4]	SPD PANELBOARD:7CRL1B	2	4	#3/0 AWG CU	#2	--	2-1/2" C.	--
[5]	XFMR:7TCR2	1	3	#250 kcmil CU	#4	--	2-1/2" C.	--
[6]	SPD PANELBOARD:7CRL2	2	4	#3/0 AWG CU	#2	--	2-1/2" C.	--
[7]	XFMR:7TLS2	1	3	#10 AWG CU	#10	--	3/4" C.	--
[8]	SPD PANELBOARD:7LSL2	1	4	#4 AWG CU	#8	--	1-1/4" C.	--

TRANSFORMER SCHEDULE

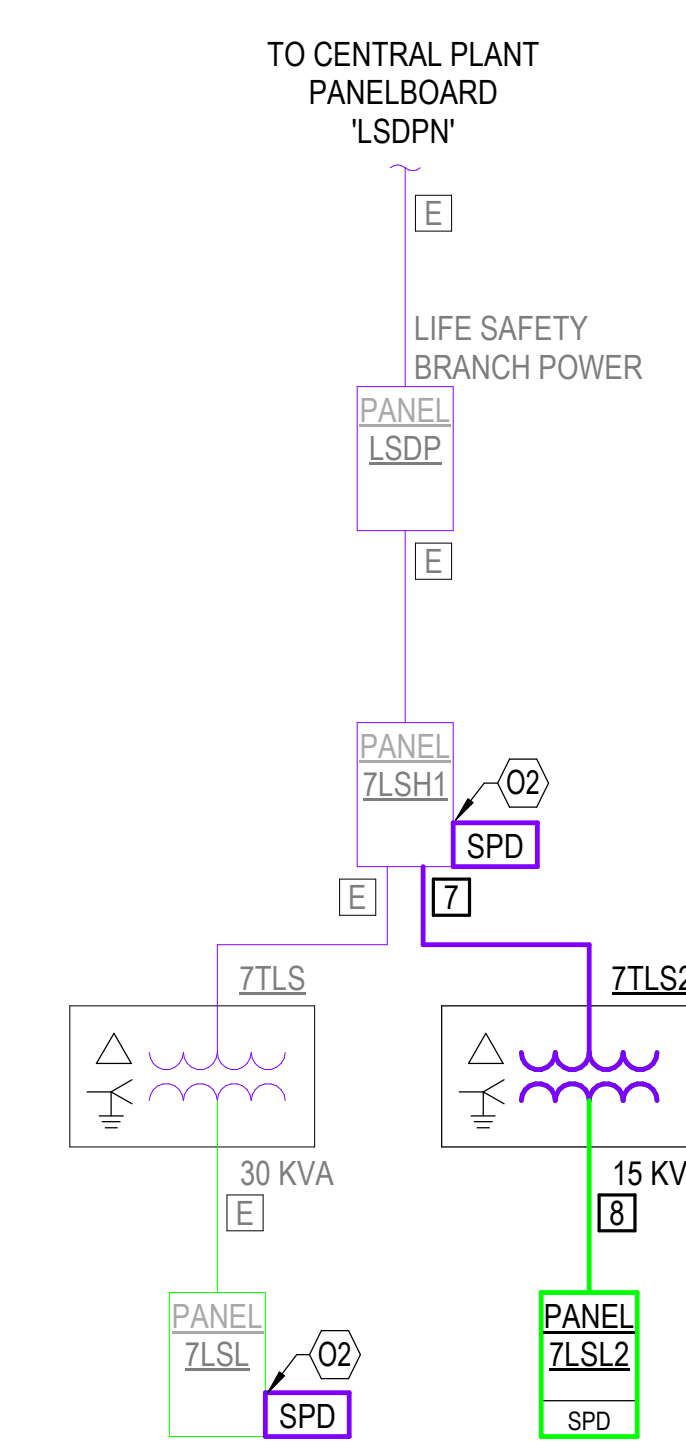
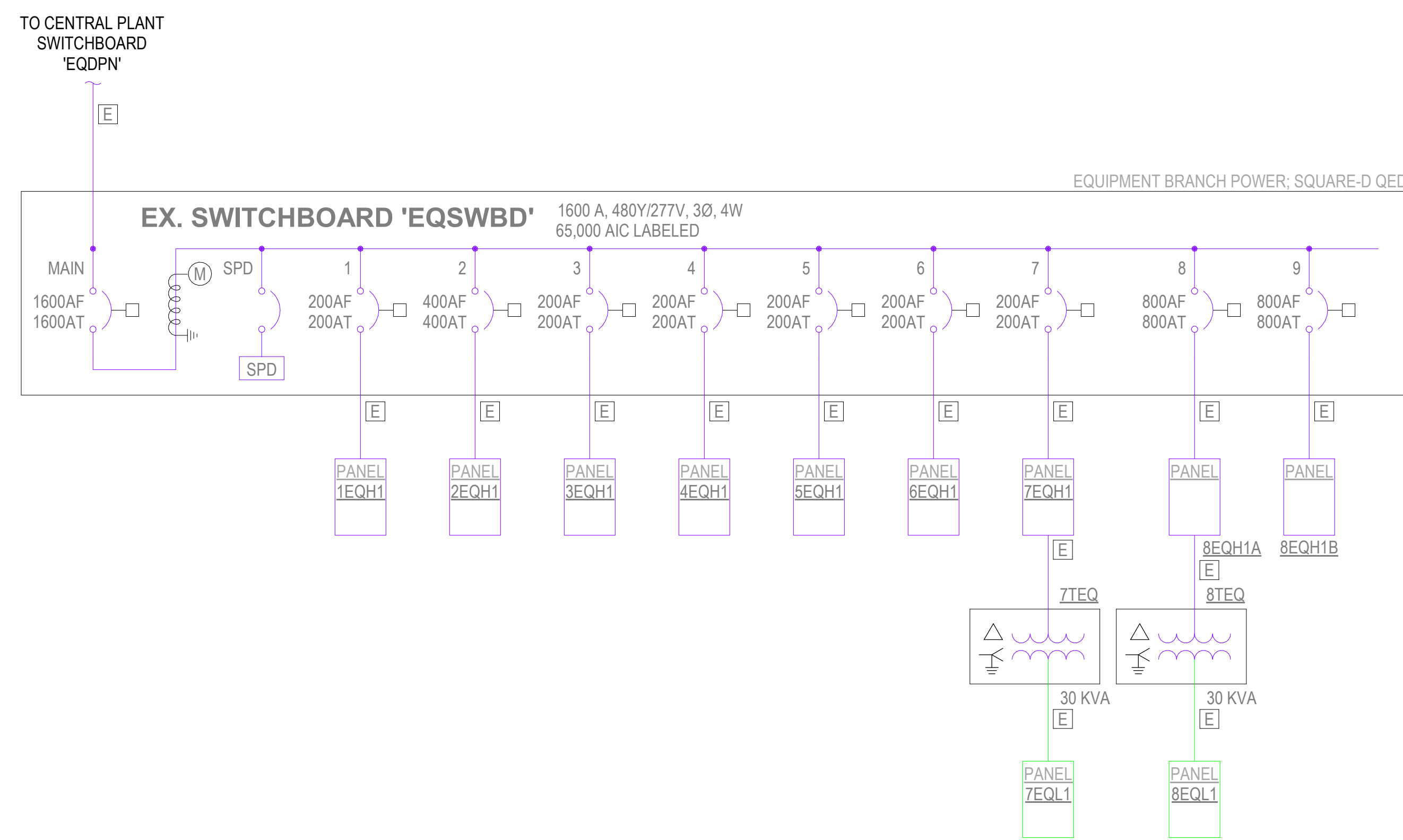
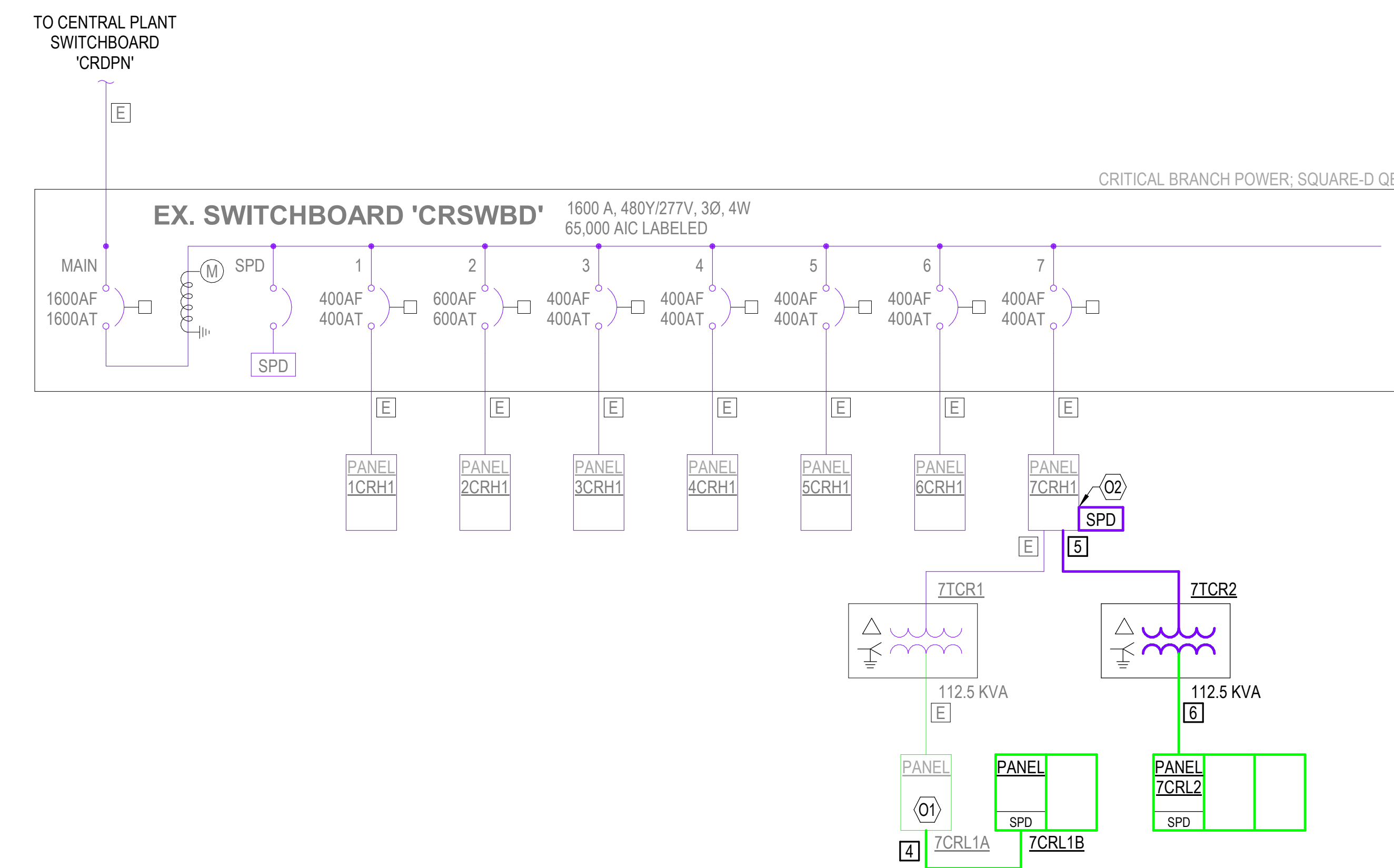
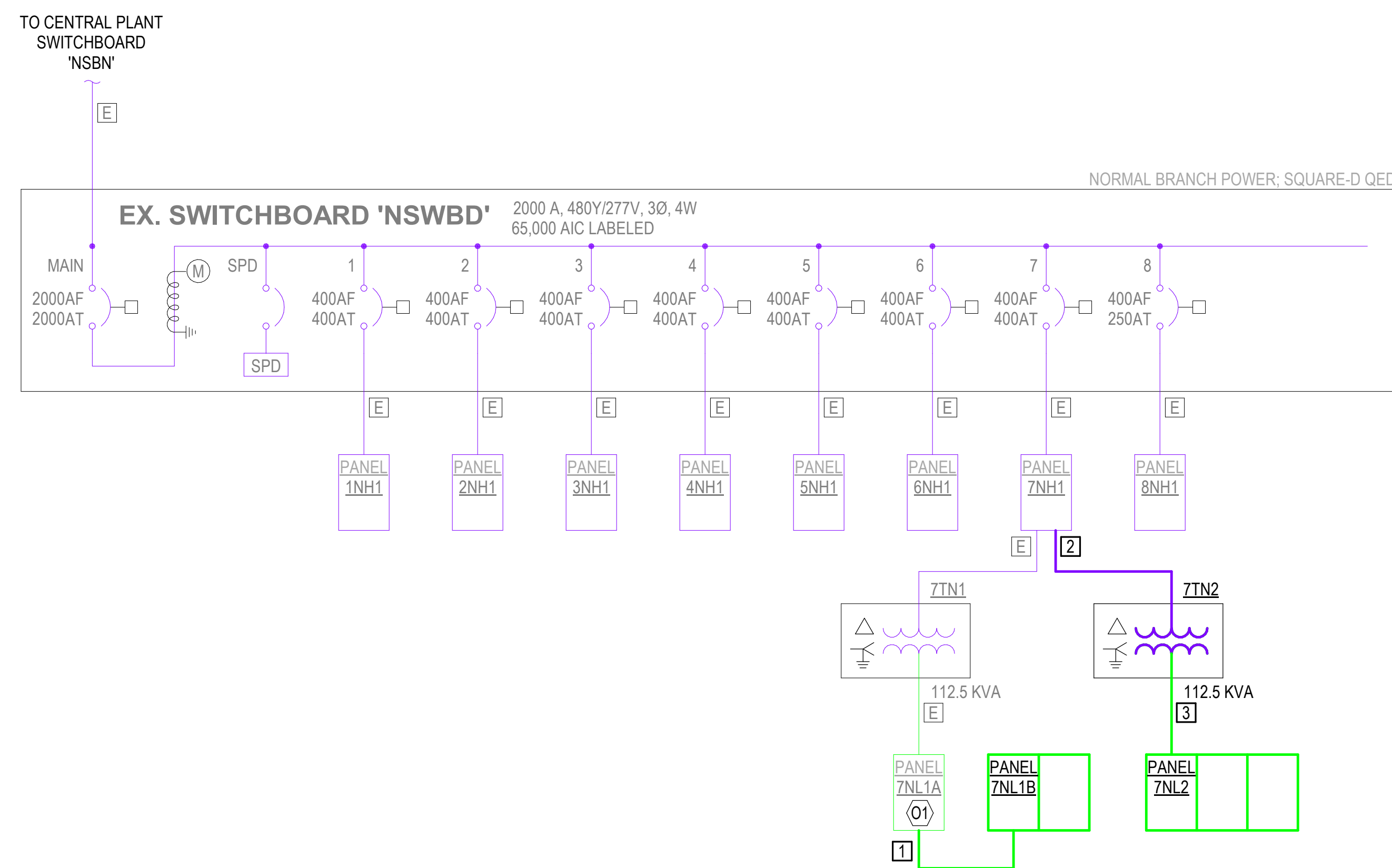
TRANSFORMER DESIGNATION	EQUIPMENT TYPE	KVA SIZE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	WINDING ELECTRIC COND	NOTES
7TCR2	DRY-TYPE DOE 2016	112.5	480/3Ph/3W	208/120/3Ph/4W	#2 CU	SHIELDED W/GRD. TERMINAL BAR STACKED
7TLS2	DRY-TYPE DOE 2016	15	480/3Ph/3W	208/120/3Ph/4W	#8 CU	SHIELDED W/GRD. TERMINAL BAR SUSPENDED
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

- O1 EXISTING PANELBOARD INSTALLED WITH FEED-THRU LUGS. CONNECT NEW PANELS AS REQUIRED.
- O2 PROVIDE EXTERNALLY MOUNTED SURGE PROTECTIVE DEVICE PER SPECIFICATIONS. CONNECT TO EXISTING PANEL AS REQUIRED.



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

No.	Date	Description



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
ELECTRICAL PARTIAL ONE-LINE DIAGRAM

Sheet No: **E-701**

PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S UTICA AVE. SUITE 1400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 20170400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

EXIST. PANEL: 7EQH1											
480Y/277 VOLTS, 3 PHASE, 4 WIRE											
225 AMP MLO, SURFACE MTD.											
65000 AIC LABELED											
CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	W/GRD	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	6514	POWR	EXIST. XFMR: 7TEQ	3	50	A	60	POW ELEV #9 ST	ELEV	25000	2
3	---	---	---	---	---	B	---	---	---	---	4
5	---	---	---	---	---	C	---	---	---	---	6
7	---	SPACE	---	---	---	A	---	SPACE FOR SHUNT TRIP	---	---	8
9	---	SPACE	---	---	---	B	---	SPACE	---	---	10
11	---	SPACE	---	---	---	C	---	SPACE	---	---	12
13	---	SPACE	---	---	---	A	---	SPACE	---	---	14
15	---	SPACE	---	---	---	B	---	SPACE	---	---	16
17	---	SPACE	---	---	---	C	---	SPACE	---	---	18
19	---	SPACE	---	---	---	A	---	SPACE	---	---	20
21	---	SPACE	---	---	---	B	---	SPACE	---	---	22
23	---	SPACE	---	---	---	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	---	SPACE	---	---	---	A	---	SPACE	---	---	38
39	---	SPACE	---	---	---	B	---	SPACE	---	---	40
41	---	SPACE	---	---	---	C	---	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. FACT:											
SIZING AMPS:											
	PH-A	PH-B	PH-C	TOTAL	PH-A	PH-B	PH-C	TOTAL	PH-A	PH-B	PH-C
Elevator	8.3	8.3	8.3	25.0	1	25.0	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
Transformer Losses	0.1	0.1	0.1	0.3	1	0.3	1	0.4	0.4	0.4	0.4
Spare	---	---	---	---	0.2	6.3	1	7.6	7.6	7.6	7.6
TOTAL KVA:	10.5	10.5	10.5	31.5	37.8	---	---	---	---	---	---
TOTAL AMPS:	38.1	37.9	37.9	37.9	45.5	45.6	45.4	45.4	---	---	---

EXIST. PANEL: 7LSH1											
480Y/277 VOLTS, 3 PHASE, 4 WIRE											
225 AMP MLO, SURFACE MTD.											
35000 AIC LABELED											
CIRC NO.	LOAD V.A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	W/GRD	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	697	LIGHT	LTG 7TH FLOOR	1	20	A	50	EXIST. XFMR: 7TLS	POWR	10670	2
3	880	LIGHT	LTG 8TH FLOOR	1	20	B	---	---	---	---	4
5	169	LIGHT	LTG CORRIDOR 7001 & SHELL 7500	1	20	C	---	---	---	---	6
7	11640	POWR	VFD-SAF-01_PH 8000	3	25	A	20	SPARE (HACR)	---	---	8
9	---	---	---	---	---	B	20	SPARE (HACR)	---	---	10
11	---	---	---	---	---	C	20	SPARE (HACR)	---	---	12
13	---	---	---	---	---	A	20	SPARE (HACR)	---	---	14
15	---	---	---	---	---	B	20	SPARE (HACR)	---	---	16
17	---	---	---	---	---	C	20	SPARE (HACR)	---	---	18
19	---	---	---	---	---	A	25	XFMR: 7TLS2	POWR	64	20
21	---	---	---	---	---	B	---	---	---	---	22
23	---	---	---	---	---	C	---	---	---	---	24
25	---	---	---	---	---	A	---	SPACE	---	---	26
27	---	---	---	---	---	B	---	SPACE	---	---	28
29	---	---	---	---	---	C	---	SPACE	---	---	30
31	---	---	---	---	---	A	30	SPD	---	---	32
33	---	---	---	---	---	B	---	---	---	---	34
35	---	---	---	---	---	C	---	---	---	---	36
37	---	---	---	---	---	A	20	SPARE (HACR)	---	---	38
39	---	---	---	---	---	B	20	SPARE (HACR)	---	---	40
41	---	---	---	---	---	C	20	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. FACT:											
SIZING AMPS:											
	PH-A	PH-B	PH-C	TOTAL	PH-A	PH-B	PH-C	TOTAL	PH-A	PH-B	PH-C
Lighting	0.7	0.9	0.2	1.7	1	1.7	1.25	2.6	3.2	4.0	0.8
Power	7.1	7.2	7.6	21.9	1	21.9	1	26.3	25.7	25.9	27.3
Transformer Losses	0.2	0.2	0.2	0.5	1	0.5	1	0.6	0.6	0.6	0.7
Spare	---	---	---	---	0.2	4.8	1	5.8	5.8	5.8	5.8
TOTAL KVA:	8.0	8.2	7.9	24.1	28.9	---	---	---	---	---	---
TOTAL AMPS:	28.8	29.7	28.5	29.0	35.3	35.2	36.3	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	P	AMP SIZE	W/GRD	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V.A.	CIRC NO.
1	---	---	---	---	---	A	---	---	---	---	2
3	---	---	---	---	---	B	---	---	---	---	4
5	---	---	---	---	---	C	---	---	---	---	6
7	---	---	---	---	---	A	---	---	---	---	8
9	---	---	---	---	---	B	---	---	---	---	10
11	---	---	---	---	---	C	---	---	---	---	12
13	---	---	---	---	---	A	---	---	---	---	14
15	---	---	---	---	---	B	---	---	---	---	16
17	---	---	---	---	---	C	---	---	---	---	18
19	---	---	---	---	---	A	---	---	---	---	20
21	---	---	---	---	---	B	---	---	---	---	22
23	---	---	---	---	---	C	---	---	---	---	24
25	---	---	---	---	---	A	---	---	---	---	26
27	---	---	---	---	---	B	---	---	---	---	28
29	---	---	---	---	---	C	---	---	---	---	30
31	---	---	---	---	---	A	30	3 SPD	---	---	32
33	---	---	---	---	---	B	---	---	---	---	34
35	---	---	---	---	---	C	---	---	---	---	36
37	---	---	---	---	---	A	30	3 SPD	---	---	38
39	---	---	---	---	---	B	---	---	---	---	40
41	---	---	---	---	---	C	---	---	---	---	42

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

EQUIPMENT CONNECTION SCHEDULE

MECHANICAL CONNECTIONS										FEEDER DESCRIPTION		REMARKS
UNIT	UNIT	LOAD	PANEL DEVICE	DEVICE AT UNIT	START	STOP	FEEDER	DESCRIPTION	OR SEE THE FEEDER SCHEDULE	OR SEE THE INDICATED NOTES BELOW		
DESIGN	VOLUME	H.P.	FLA	KVA	CIRCUIT NUMBER	W/GRD	AMP SIZE	START	STOP	OTHER		
VAV	VARIABLE AIR VOLUME BOX											
01	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
02	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
03	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
04	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
05	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
06	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
07	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
08	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
09	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
10	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
11	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
12	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
13	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
14	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
15	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
16	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
17	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
18	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
19	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
20	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
21	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"	CONTROLS POWER	
22	120/1	1.0	0.12	20	1	1	1	TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"		

EXIST. PANEL: 7NH1										480Y/277 VOLTS, 3 PHASE, 4 WIRE 400 AMP MLO, SURFACE MTD. 65000 AIC LABELED		
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	USE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	
1			SPARE (HACR)	1	20	A	20	SPACE			2	
3			SPARE (HACR)	1	20	B	20	SPACE			4	
5	25000	EQPT	POWER, ELEV. #8 ST CKT BRK	3	60	C	60	SPACE			6	
7				1	A	20	1	SPARE (HACR)			8	
9				1	B	20	1	SPARE (HACR)			10	
11				1	C	20	1	SPARE (HACR)			12	
13	25000	EQPT	POWER, ELEV. #7 ST CKT BRK	3	60	A	20	1	ILLUMINATED SIGNAGE	LGHT	2000	14
15				1	B	20	1	ILLUMINATED SIGNAGE	LGHT	2000	16	
17				1	C	20	1	LTG-8TH FLOOR WINDOW	LGHT	70	18	
19				1	A	20	1	SPACE			20	
21			SPARE (HACR)	1	20	B	20	SPACE			22	
23			SPARE (HACR)	1	20	C	20	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	20	SPACE			40	
41			SPARE (HACR)	1	20	C	20	SPACE			42	
43	6747	P/R	EXIST. XFMR: 7TN1	3	250	A	250	3	XFMR: 7TN2		191	44
45				1	B	1	1				46	
47				1	C	1	1				48	

- 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.

EXIST. PANEL: 7NH1											
	CONNECTED KVA:				DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				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	0.6	0.4	0.6	1.6	1	1.6	1	1.9	2.4	1.4	2.0
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	7.5	7.5	7.5	7.5
Equipment	16.7	16.7	16.7	50.0	1	50.0	1	60.1	60.2	60.2	60.2
Power	1.2	1.7	1.8	4.8	1	4.8	1	5.7	4.3	6.3	6.6
Transformer Losses	0.2	0.2	0.2	0.6	1	0.6	1	0.7	0.7	0.7	0.7
Spare					0.2	12.2	1	14.7	14.7	14.7	14.7
TOTAL KVA:	20.7	21.0	19.3	61.0		73.2		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	74.7	75.8	69.7	73.4				96.8	98.7	99.8	92.0

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	P	AMP SIZE	USE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	
1	400	RCPT	REC. SOUTH ELEVATOR LOBBY	1	20	A	20	1	SPARE		2	
3			SPARE	1	20	B	20	1	SPARE		4	
5			SPARE	1	20	C	20	1	LCP7 CONTROL POWER	POWER	400	6
7		RCPT	REC. ELECTRICAL 7600	1	20	A	20	1	REC-DATA 7601, SYSTEM 7602	RCPT	600	8
9	4368	POWER	REC. DATA 7600	2	30	B	20	1	SPARE		10	
11				1	C	20	1	REC. SYSTEMS 7602	RCPT	600	12	
13			SPARE	1	20	A	20	1	SPARE		14	
15			SPARE	1	20	B	20	1	SPARE		16	
17			SPARE	1	20	C	20	1	SPARE		18	
19			SPARE	1	20	A	20	1	SPARE		20	
21			SPARE	1	20	B	20	1	SPARE		22	
23			SPARE	1	20	C	20	1	SPARE		24	
25			SPARE	1	20	A	20	1	SPARE		26	
27			SPARE	1	20	B	20	1	SPARE		28	
29			SPARE	1	20	C	20	1	SPARE		30	
31			SPARE	1	20	A	20	1	SPARE		32	
33			SPARE	1	20	B	20	1	SPARE		34	
35			SPARE	1	20	C	20	1	SPARE		36	
37			SPARE	1	20	A	20	1	SPARE		38	
39			SPARE	1	20	B	20	1	SPARE		40	
41			SPARE	1	20	C	20	1	SPARE		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: 7NL1A											
	CONNECTED KVA:				DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				TOTAL	PH-A	PH-B	PH-C
Receptacle	1.0	0.0	0.6	1.6	1	1.6	1	4.4	8.3	0.0	5.0
Power	0.0	2.2	2.6	4.8	1	4.8	1	13.2	0.0	18.2	21.5
Spare					0.2	1.3	1	3.5	3.5	3.5	3.5
TOTAL KVA:	1.0	2.2	3.2	6.4		7.6		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	8.3	18.2	26.5	17.7				21.2	11.9	21.7	30.1

PANELBOARD: 7NL1B										208Y/120 VOLTS, 3 PHASE, 4 WIRE 400 AMP MLO, SURFACE MTD. 10000 AIC LABELED		
CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	USE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	
1				1	20	A	20				2	
3						B					4	
5						C					6	
7						A					8	
9						B					10	
11						C					12	
13						A					14	
15						B					16	
17						C					18	
19						A					20	
21						B					22	
23						C					24	
25						A					26	
27						B					28	
29						C					30	
31						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	

1 PROVIDE (2) 60-POLE SECTIONS.

PANELBOARD: 7NL1B											
	CONNECTED KVA:				DEMAND FACTOR	CONT. KVA	CONT. FACT	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL				TOTAL	PH-A	PH-B	PH-C
Power	0.0	0.0	0.0	0.0	1	0.0	1	0.0	0.0	0.0	0.0
TOTAL KVA:	0.0	0.0	0.0	0.0		0.0		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0

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	P	AMP SIZE	USE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	
1						A					2	
3						B					4	
5						C					6	
7						A					8	
9						B					10	
11						C					12	
13						A					14	
15						B					16	
17						C					18	
19						A					20	
21						B					22	
23						C					24	
25						A					26	
27						B					28	
29						C					30	
31						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		</										

EXIST. PANEL: 7CRH1 480Y/277 VOLTS, 3 PHASE, 4 WIRE
400 AMP MLO, SURFACE MTD.
35000 AIC LABELED

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1		LTG	7TH ELEC. DATA. SYSTEMS	1	20	A 20	1	SPARE		2
3	41569	EQPT	DISC MAC-1 PENTHOUSE 8000	3	70	B 20	1	SPARE		4
5						C 20	1	SPARE		6
7						A 20	1	SPARE		8
9	43232	EQPT	DISC MWP-1 PENTHOUSE 8000	3	90	B 20	1	SPARE		10
11						C 20	1	SPARE		12
13						A 20	1	OBSTRUCTION LIGHTS	LGHT	15
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	1	SPACE		32
33			SPARE (HACR)	1	20	B	1	SPACE		34
35			SPARE (HACR)	1	20	C 30	3	SPD		36
37			SPARE (HACR)	1	20	A	1			38
39			SPARE (HACR)	1	20	B	1			40
41			SPARE (HACR)	1	20	C	1			42
43	4873	PIL	EXIST. XFMR: 7TCR1	3	250	A 250	3	XFMR: 7TCR2		191
45						B	1			46
47						C	1			48

- 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.
- PROVIDE EXTERNAL SURGE PROTECTIVE DEVICE PER SPECIFICATIONS.

	CONNECTED KVA:				DEMAND FACT	CONT. KVA	SIZING AMPS:				
	PH-A	PH-B	PH-C	TOTAL			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
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	13.0	13.0	13.0	13.0
Equipment	28.3	28.3	28.3	84.8	1	84.8	1	102.0	102.0	102.0	102.0
Power	1.6	1.1	1.6	4.4	1	4.4	1	5.2	5.9	3.9	5.9
Transformer Losses	0.2	0.2	0.2	0.5	1	0.5	1	0.6	0.6	0.6	0.6
Spare						0.2	18.0	21.6	21.6	21.6	21.6
TOTAL KVA:	30.2	29.6	30.1	89.9		107.9		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	109.0	106.7	108.7	108.1				142.8	143.7	141.4	143.4

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	P	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	180	LGHT	WIND CONE LIGHTING	1	20	A 20	1	SPARE		2
3			SPARE	1	20	B 20	1	SPARE		4
5			SPARE	1	20	C 20	1	SPARE		6
7			SPARE	1	20	A 20	1	SPARE		8
9			SPARE	1	20	B 20	1	SPARE		10
11	4368	POWER	REC-DATA 7601	2	30	C 20	1	SPARE		12
13						A 20	1	SPARE		14
15			SPARE	1	20	B 20	1	SPARE		16
17			SPARE	1	20	C 20	1	SPARE		18
19			SPARE	1	20	A 20	1	SPARE		20
21			SPARE	1	20	B 20	1	SPARE		22
23			SPARE	1	20	C 20	1	SPARE		24
25			SPARE	1	20	A 20	1	SPARE		26
27			SPARE	1	20	B 20	1	SPARE		28
29			SPARE	1	20	C 20	1	SPARE		30
31			SPARE	1	20	A 20	1	SPARE		32
33			SPARE	1	20	B 20	1	SPARE		34
35			SPARE	1	20	C 20	1	SPARE		36
37			SPARE	1	20	A 20	1	SPARE		38
39			SPARE	1	20	B 20	1	SPARE		40
41			SPARE	1	20	C 20	1	SPARE		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.

	CONNECTED KVA:				DEMAND FACT	CONT. KVA	SIZING AMPS:				
	PH-A	PH-B	PH-C	TOTAL			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
Power	2.2	0.0	2.2	4.4	1	4.4	1	12.1	18.2	0.0	18.2
Spare						0.2	0.9	2.5	2.5	2.5	2.5
TOTAL KVA:	2.4	0.0	2.2	4.5		5.5		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	19.7	0.0	18.2	12.6				15.3	22.6	2.5	20.7

SPD PANELBOARD: 7CRL1B 208Y/120 VOLTS, 3 PHASE, 4 WIRE
400 AMP MLO, SURFACE MTD.
22000 AIC LABELED

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1			A							2
3			B							4
5			C							6
7			A							8
9			B							10
11			C							12
13			A							14
15			B							16
17			C							18
19			A							20
21			B							22
23			C							24
25			A							26
27			B							28
29			C							30
31			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 30	3	SPD					116
117			B							118
119			C							120

- PROVIDE (2) 60-POLE SECTIONS.

	CONNECTED KVA:				DEMAND FACT	CONT. KVA	SIZING AMPS:				
	PH-A	PH-B	PH-C	TOTAL			TOTAL	PH-A	PH-B	PH-C	
Power	0.0	0.0	0.0	0.0	1	0.0	1	0.0	0.0	0.0	0.0
TOTAL KVA:	0.0	0.0	0.0	0.0		0.0		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0

SPD PANELBOARD: 7CRL2 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	P	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1			A							2
3			B							4
5			C							6
7			A							8
9			B							10
11			C							12
13			A							14
15			B							16
17			C							18
19			A							20
21			B							22
23			C							24
25			A							26
27			B							28
29			C							30
31			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							

TECHNOLOGY SHEET INDEX

SHEET NO.	SHEET TITLE
T0.1	TECHNOLOGY GENERAL NOTES AND SYMBOLS
T1.0	7TH FLOOR DISTRIBUTION AND ZONING PLANS
T1.1A	7TH FLOOR COMMUNICATIONS PLAN - AREA A
T1.1B	7TH FLOOR COMMUNICATIONS PLAN - AREA B
T1.2A	7TH FLOOR DATA NETWORK PLAN - AREA A
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, MECHANICAL, STRUCTURAL, AND CIVIL DRAWINGS FOR RELATED INFORMATION.
- REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
- 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.
- 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" 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 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" C. WITH PULL ROPE STUBBED 6" ABOVE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED ON PLANS. CONDUITS STUBBED UP ABOVE ACCESSIBLE CEILINGS SHALL BE TURNED UP 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 AIA GUIDELINES.
- ALL PATIENT STATIONS SHALL INCLUDE A PILLOW SPEAKER.

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 FUSIST 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.

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.

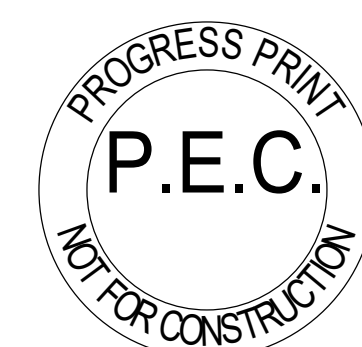
SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
ABBREVIATIONS					
AFB	ABOVE FINISHED FLOOR		UON	UNLESS OTHERWISE NOTED	
AFG	ABOVE FINISHED GRADE		WP	WEATHERPROOF	
COMMUNICATIONS / PUBLIC ADDRESS					
PA/CP	PA/SOUND SYSTEM W/RACK/SHELF	FLOOR/WALL	PM	PA MASTER	
PS-#	PAGING SPEAKER (ROUND/SQUARE)	CEILING	□	CALL SWITCH	46" AFF
PS-#	PAGING SPEAKER (ROUND)	PENDANT	□	VOLUME CONTROL	46" AFF
PS-#	PAGING SPEAKER	WALL	□	BELL	BOTTOM 80"
CS	CLOCK/SPEAKER (SYSTEM CLOCK)	WALL	□	MICROPHONE OUTLET	WALL
DF	ANALOG SYNCHRONIZED CLOCK SYSTEM (DF = DUAL FACE)	WALL	ECBM	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 S = SECURITY W = WIRELESS ACCESS POINT # = CABLE QUANTITY	SEE HORIZONTAL CABLE SCHEDULE
▶	2-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF	#		
▶	3-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF			
X	x-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18" AFF			
W	WALL PHONE (GEN NOTES T1 & T3)	46" AFF	[-]	CONDUIT SLEEVE	GENERAL NOTE 7
WAP	WIRELESS ACCESS POINT (MOUNT IN BISCUIT JACK)	CEILING	[-]F	FIRE-RATED CONDUIT SLEEVE	
T	TIME CLOCK (GEN NOTES T1 & T3)	46" AFF	▨	CABLE TRAY: WIRE BASKET LADDER SOLID BOTTOM	GENERAL NOTE 8
PM	PATIENT MONITORING (ORANGE JACK)(GEN NOTES T1 & T3)	48" AFF	▨	OPEN 2-POST DATA RACK WITH VERTICAL CABLE MANAGEMENT	FLOOR
◊	CABLE TV OR VIDEO OUTLET & CONNECTOR (GEN NOTES T1 & T3)	18" AFF	▨	DOUBLE-SWING ENCLOSED DATA CABINET	WALL
⊙	SPECIAL OUTLET (SEE SCHEDULE OR AS NOTED)				
NURSE CALL					
⊙	STAFF STATION	60" AFF	⊙	NC CONTROL PANEL	WALL
⊙	PATIENT STATION (GEN NOTE N3)	46" AFF	⊙	ZONE LIGHT	CLG/WALL
	STAFF/PATIENT STATION TAGS		⊙	DOME LIGHT	CLG/WALL
	- A = WITH AUDIO		⊙	BED INTERFACE CONNECTION	16" AFF
	- AUX = WITH AUXILIARY JACK		⊙	MASTER STATION	DESKTOP
	- CB = WITH CODE BLUE		⊙	DUTY STATION	46" AFF
	- DS = WITH DUTY STATION		⊙	CODE BLUE STATION	46" AFF
	- E = ENHANCED (WITH PLUG PORTS)		⊙	PRESENCE STATION	46" AFF
	- PC = PULL CORD		⊙	AUXILIARY JACK	36" AFF
	- SA = WITH STAFF ASSIST		⊙	EMERGENCY BATH STATION	GEN NOTE N2
	- WPC = WATERPROOF PULL CORD				
FIRE ALARM					
'FACP'	FIRE ALARM CONTROL PANEL	WALL	⊙	FIRE ALARM MANUAL STATION	46" AFF
'FAAP'	FIRE ALARM REMOTE ANNUNCIATOR	WALL	⊙	PHOTO ELECTRIC AREA SMOKE DETECTOR (GEN NOTE F2)	CLG/WALL ABOVE CLG UNDER FLR
'VEP'	VOICE EVACUATION PANEL	WALL	⊙	DUCT SMOKE DETECTOR (GEN NOTE F4)	DUCTWORK
⊙	FIRE ALARM HORN	BOTTOM 80"	⊙	DUCT SMOKE DETECTOR & FIRE/SMOKE DAMPER (GEN NOTES F4 & F5)	DUCTWORK
⊙	FIRE ALARM HORN	CEILING	⊙	HEAT DETECTOR (GEN NOTE F2) (FIXED TEMPERATURE UON)	
X	FIRE ALARM VISUAL SIGNAL	BOTTOM 80"	⊙	R = RATE OF RISE	
X	FIRE ALARM VISUAL SIGNAL	CEILING	⊙	H = HIGH TEMPERATURE	
⊙	COMB. F.A. HORN & VISUAL SIGNAL	BOTTOM 80"	⊙	CARBON MONOXIDE DETECTOR	
⊙	COMB. F.A. HORN & VISUAL SIGNAL	CEILING	⊙	CARBON DIOXIDE DETECTOR	
⊙	FIRE ALARM SPEAKER	WALL	⊙	SMOKE CAMERA (EQUAL TO XTRALIS OSID)	WALL (AS HIGH AS POSSIBLE)
⊙	FIRE ALARM SPEAKER	CEILING	⊙	FIRE SPRINKLER PRESSURE SWITCH	SPRKL RSR
⊙	COMB. F.A. SPEAKER & VIS SIGNAL	BOTTOM 80"	⊙	FIRE SPRINKLER TAMPER SWITCH	SPRKL RSR
⊙	COMB. F.A. SPEAKER & VIS SIGNAL	CEILING	⊙	FIRE SPRINKLER WATER FLOW SW	SPRKL RSR
⊙	CHIME	WALL			
⊙	FIRE SPRINKLER ALARM BELL	WALL			
⊙	ELECTROMAGNETIC DOOR HOLDER	WALL			
⊙	FIRE ALARM RELAY (GEN NOTE F3)				
⊙	FIRE ALARM CONTROL MODULE				
⊙	FIRE ALARM MONITOR MODULE				
SECURITY					
⊙	CCTV CAMERA - BULLET		⊙	ACCESS CONTROL SYSTEM PANEL	WALL
⊙	CCTV CAMERA - PAN/TILT/ZOOM		⊙	DOOR POSITION SWITCH	
⊙	CCTV CAMERA - 360° QUAD SENSOR WITH PTZ ATTACHMENT		⊙	ELECTRIC DOOR STRIKE	
⊙	CCTV DOME CAMERA - FIXED (SINGLE SENSOR)		⊙	MAGNETIC LOCK	
⊙	CCTV DOME CAMERA - FIXED (DUAL SENSOR)		⊙	CARD READER	WALL
⊙	CCTV DOME CAMERA - FIXED (TRI SENSOR)		⊙	CARD READER	MULLION
⊙	CCTV DOME CAMERA - FIXED (QUAD SENSOR)		⊙	KEY PAD	
⊙	CCTV DOME CAMERA - FIXED (360° FISH EYE)		⊙	REQUEST TO EXIT DEVICE (MOTION)	
⊙	DURESS		⊙	REQUEST TO EXIT DEVICE (PSHBTN)	WALL
⊙	DOOR RELEASE BUTTON		⊙	DOOR TAG	
			⊙	INTERCOM	WALL
			⊙	VIDEO INTERCOM	WALL
			⊙	VIDEO INTERCOM W/ CARD READER	WALL
			⊙	INTRUSION DETECTION SYST PANEL	WALL
			⊙	GLASS BREAK SENSOR	
			⊙	SECURITY BEAM DETECTOR	
			⊙	SEC ROOM MOTION DETECTOR	WALL/CLG
			⊙	SEC ROOM MOTION DETECTOR	CEILING
			⊙	SEC CORRIDOR MOTION DETECTOR	

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



No.	Date	Description



Sheet No.	Date	Scale

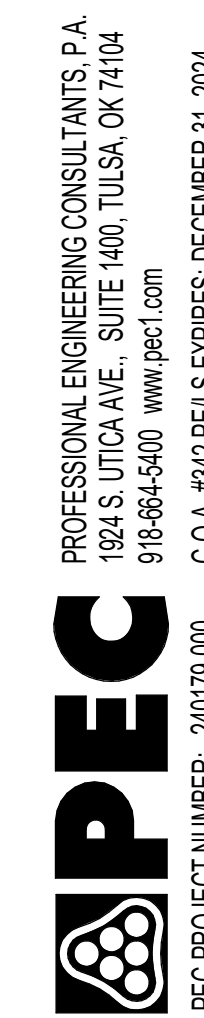
MERCY NWA HOSPITAL
Building No.: 1388
ROGERS 7TH FLOOR ICU
2710 RIFE MEDICAL LANE, ROGERS, AR 72758

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

TECHNOLOGY GENERAL NOTES AND SYMBOLS



T0.1



PROFESSIONAL ENGINEERING CONSULTANTS P.A.
1625 S. UTICA AVE. SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
C.O.A. #9427EELS EXPIRES: DECEMBER 31, 2024

COMMUNICATIONS GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. 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.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
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.
5. 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.
6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSITIA-969-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES

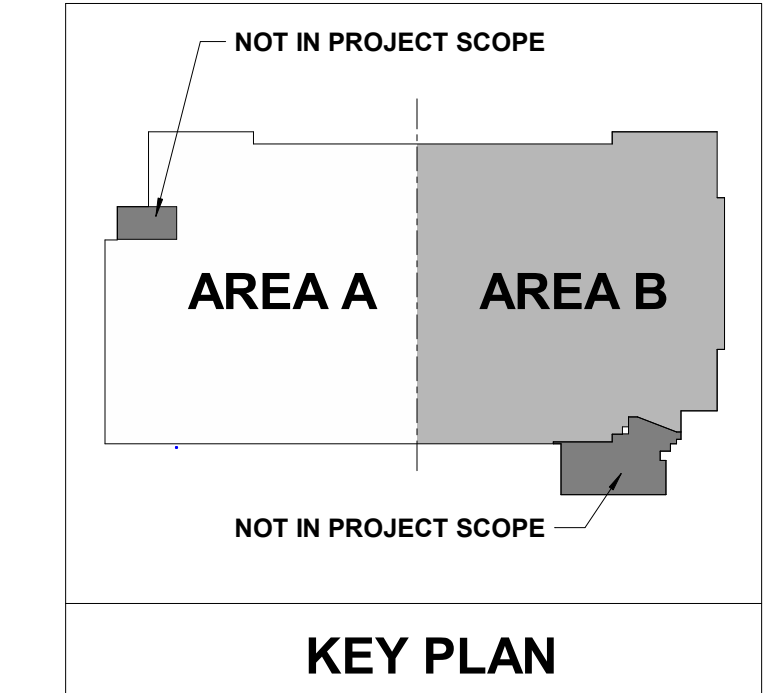
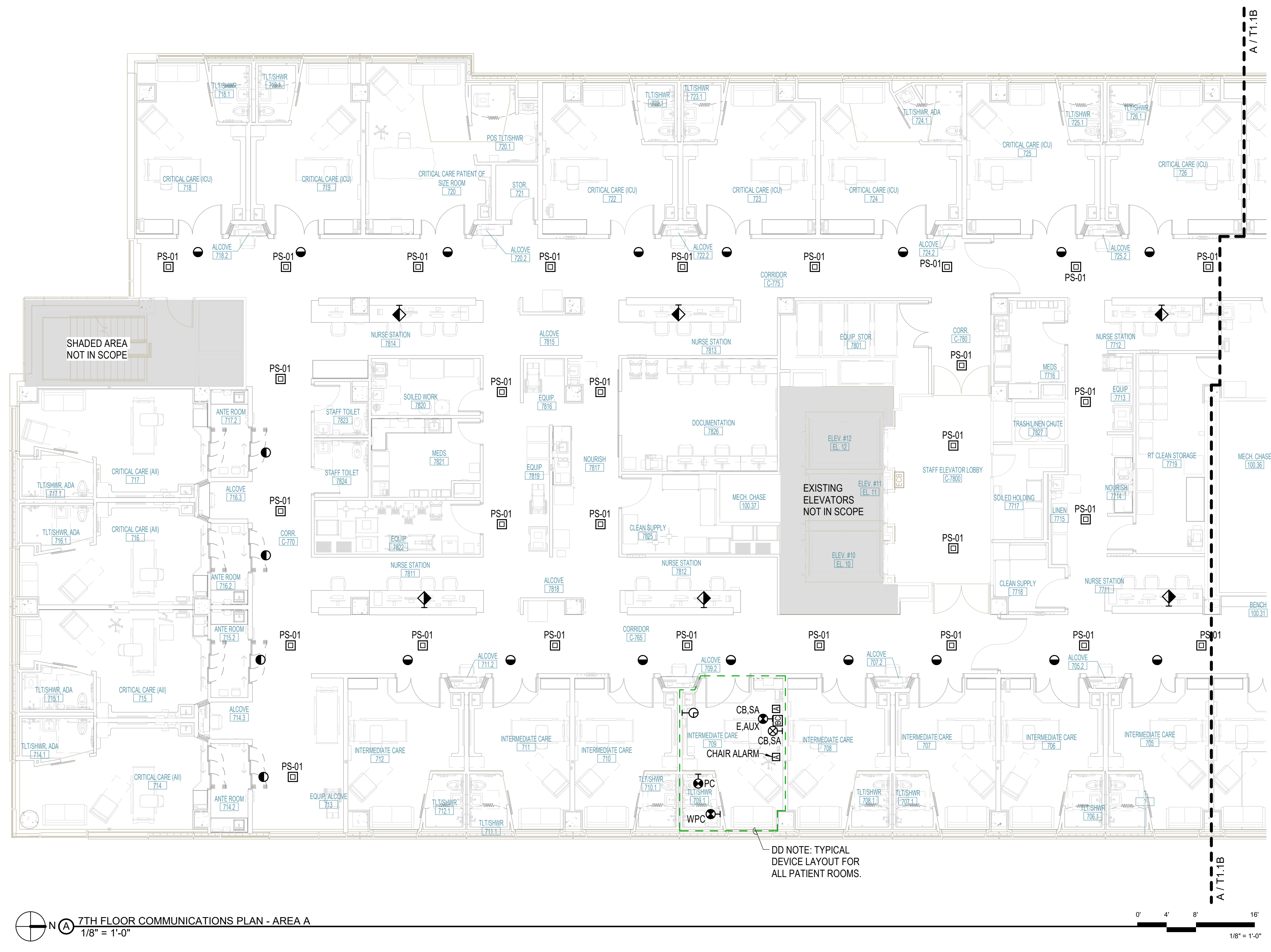
No.	Date	Description



Buy & Sell: **MERCY NWA HOSPITAL**
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: **7TH FLOOR COMMUNICATIONS PLAN - AREA A**

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

7TH FLOOR
T1.1A



DD NOTE: TYPICAL DEVICE LAYOUT FOR ALL PATIENT ROOMS.

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

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

COMMUNICATIONS GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. 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.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
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.
5. 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.
6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSITIA-969-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES

Architect Logo



No.	Date	Description



Sheet & Date

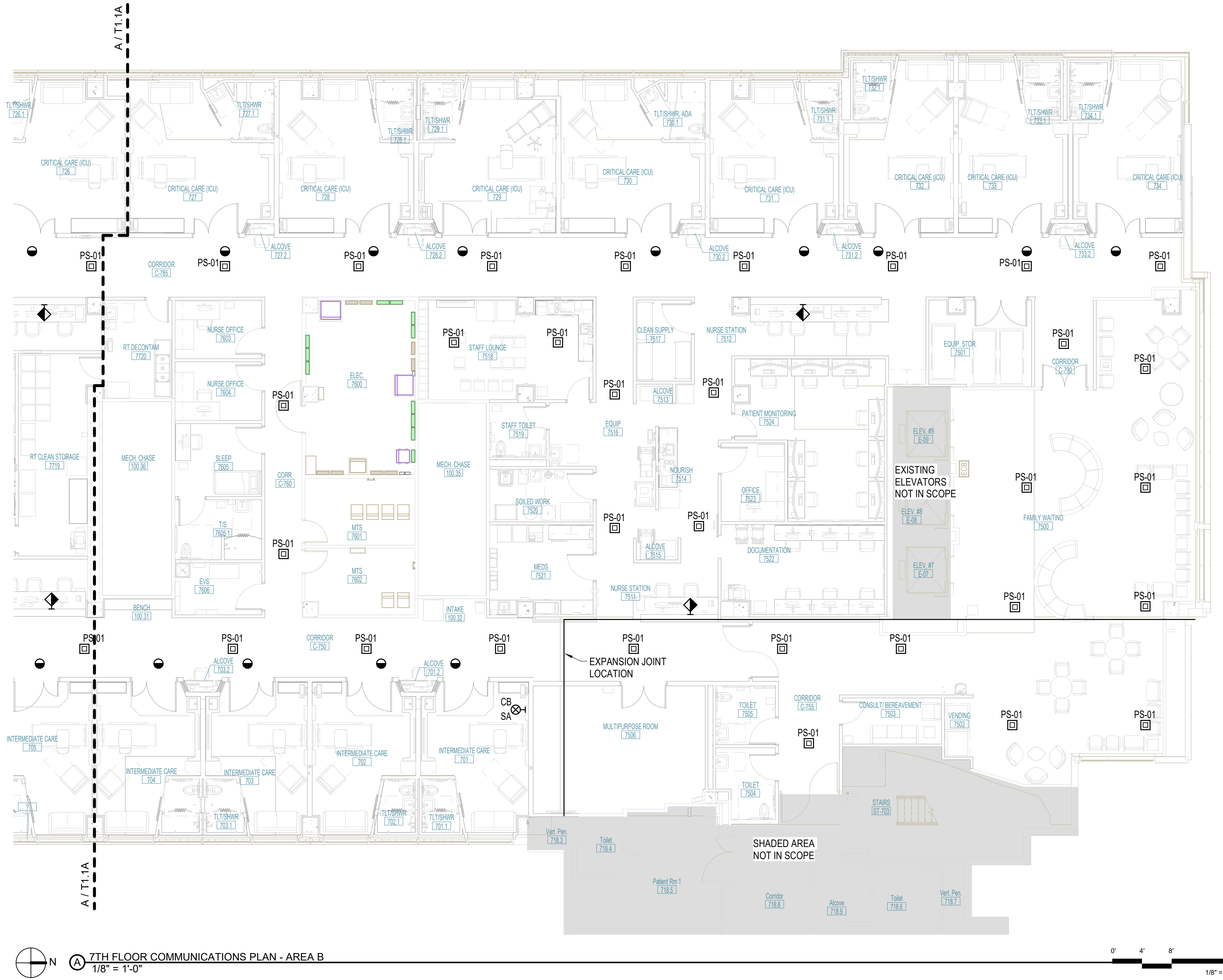
Building No.: 1388
 Rogers 7th Floor ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758

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

MERCY NWA HOSPITAL
ROGERS 7TH FLOOR ICU
 7TH FLOOR COMMUNICATIONS PLAN - AREA B

7TH FLOOR
T1.1B

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S UTICA AVE. SUITE 400, TULSA, OK 74104
 918-664-5400 www.pec.com
 PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024



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 CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. 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.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
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.
5. 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.
6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSII/TIA-568-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES



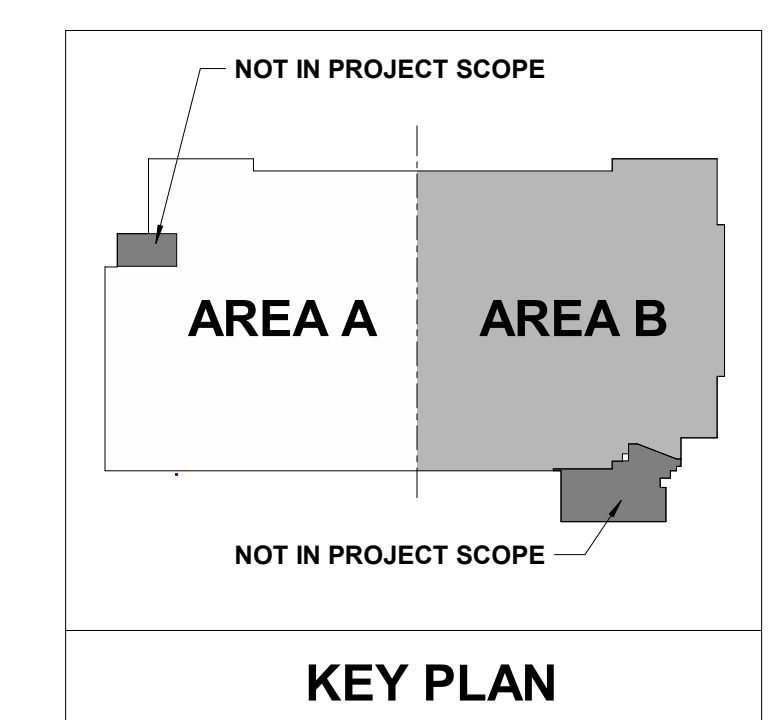
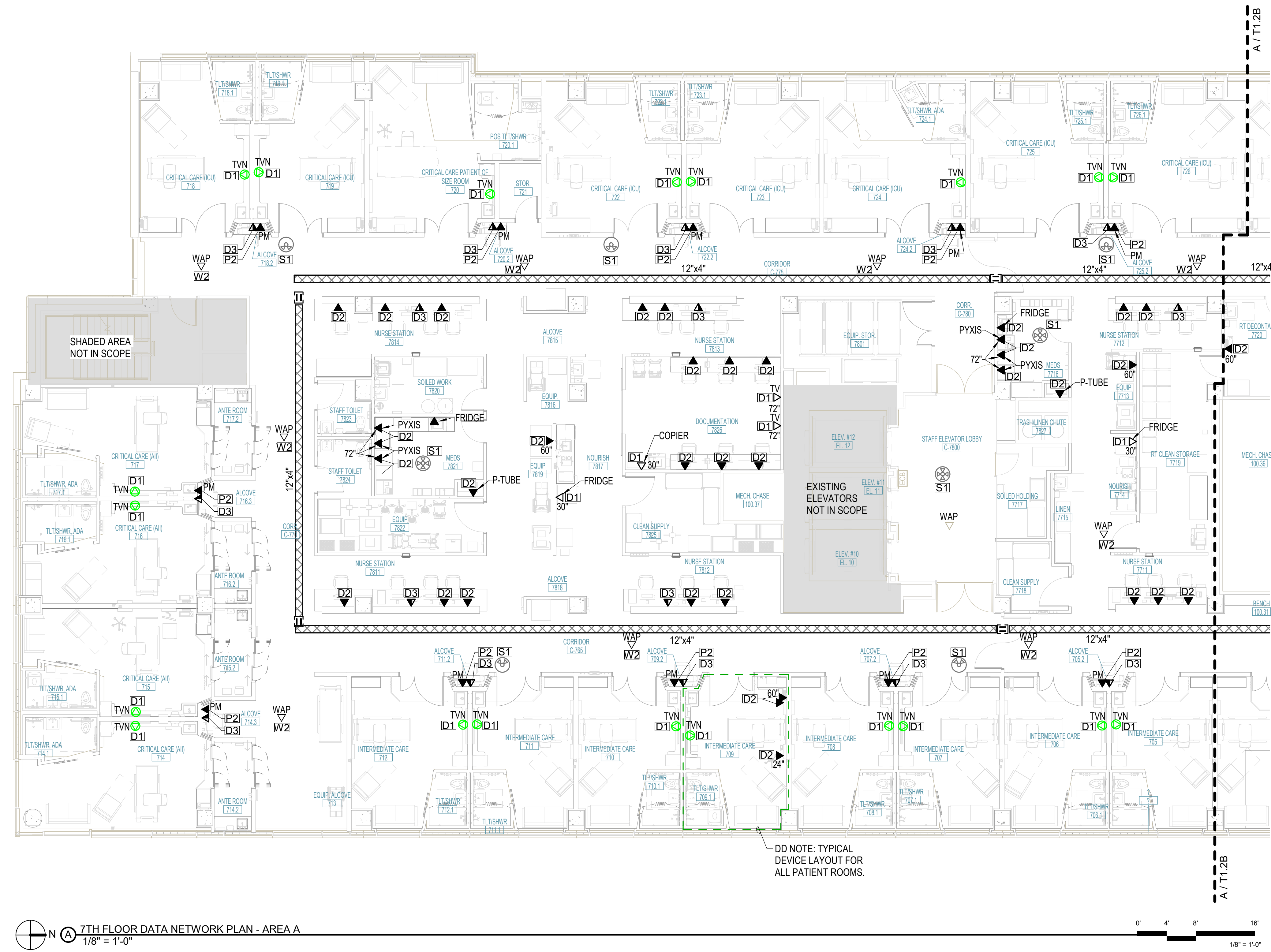
No.	Date	Description



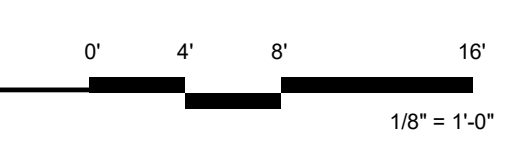
Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated

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

Mercy
 7TH FLOOR
T1.2A



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



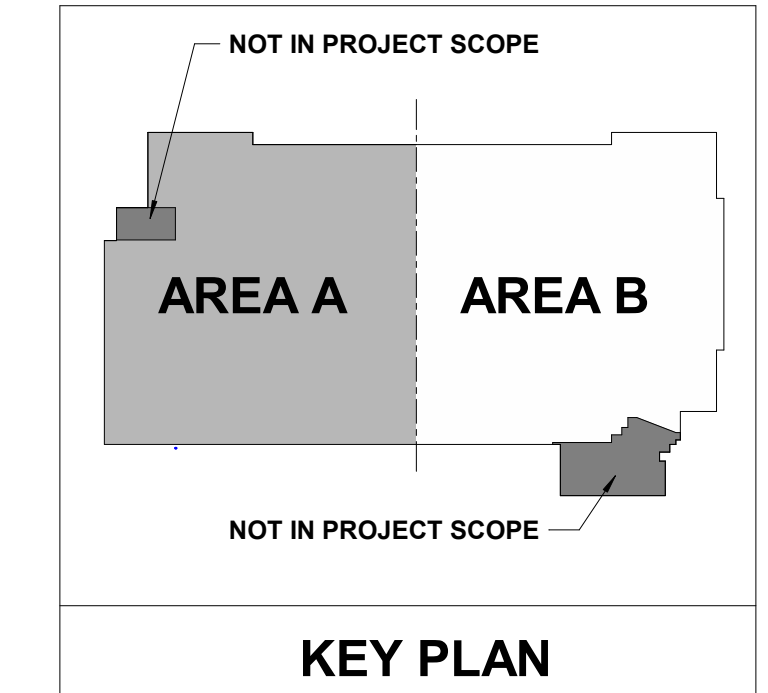
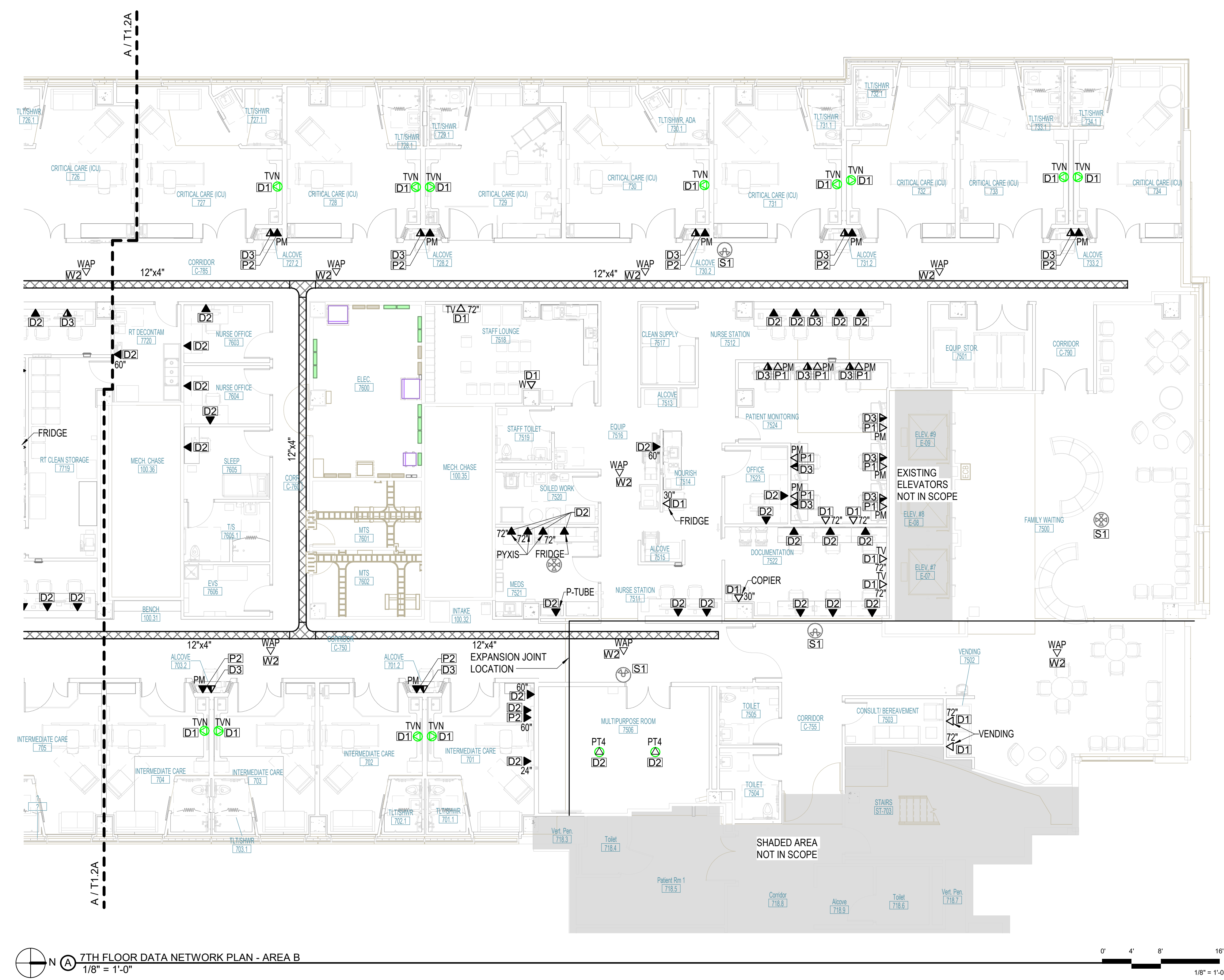
DD NOTE: TYPICAL DEVICE LAYOUT FOR ALL PATIENT ROOMS.

COMMUNICATIONS GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. 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.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
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.
5. 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.
6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSITIA-669-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

KEYNOTES

No.	Date	Description



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



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

Mercy
7TH FLOOR
T1.2B

PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
1624 S UTICA AVE. SUITE 400, TULSA, OK 74104
918-684-6400 www.pcc.com
PEC PROJECT NUMBER: 240179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

SAFETY-SECURITY 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.
- 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.
- 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.
- 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.



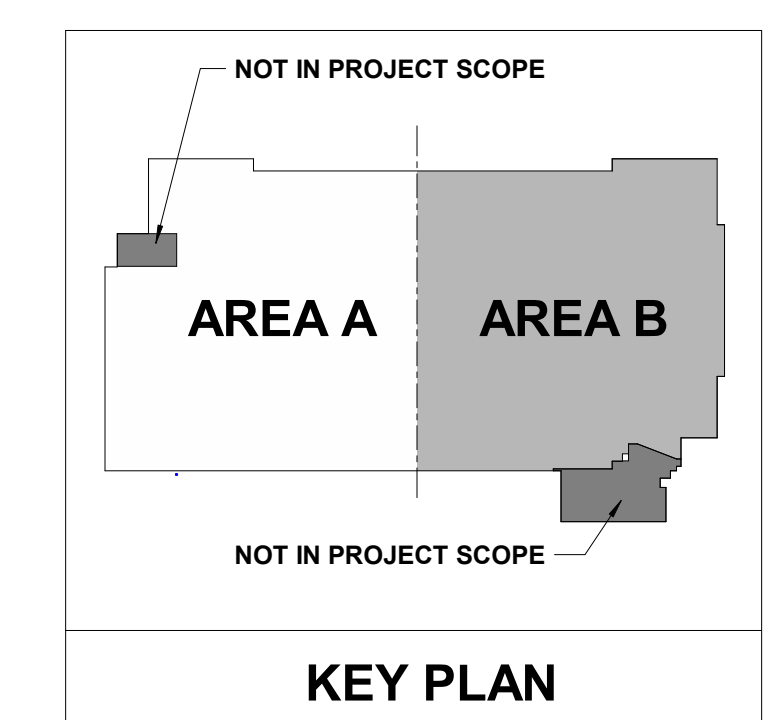
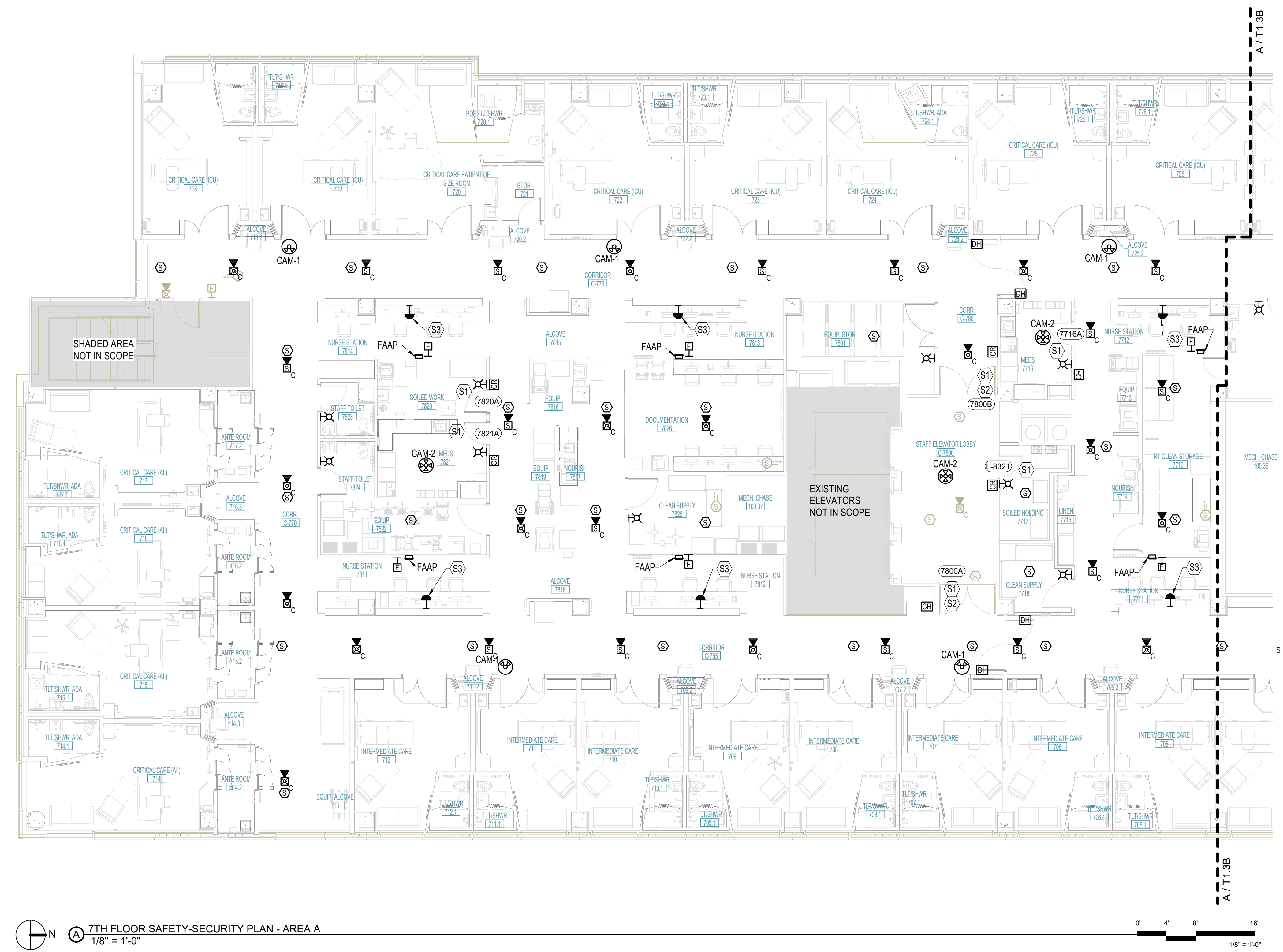
Architect Logo

No.	Date	Description



Step & Size:

MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: 7TH FLOOR SAFETY-SECURITY PLAN - AREA A
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated



PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1624 S UTICA AVE. SUITE 400, TULSA, OK 74104
 918-584-5400 www.pec.com
 PEC PROJECT NUMBER: 20179400 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

7TH FLOOR
T1.3A

SAFETY-SECURITY GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. 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.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
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.
5. 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.
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.
- S3 CONNECT TO EXISTING BUILDING DURESS SYSTEM TO ALERT SECURITY STAFF.

Architect Logo

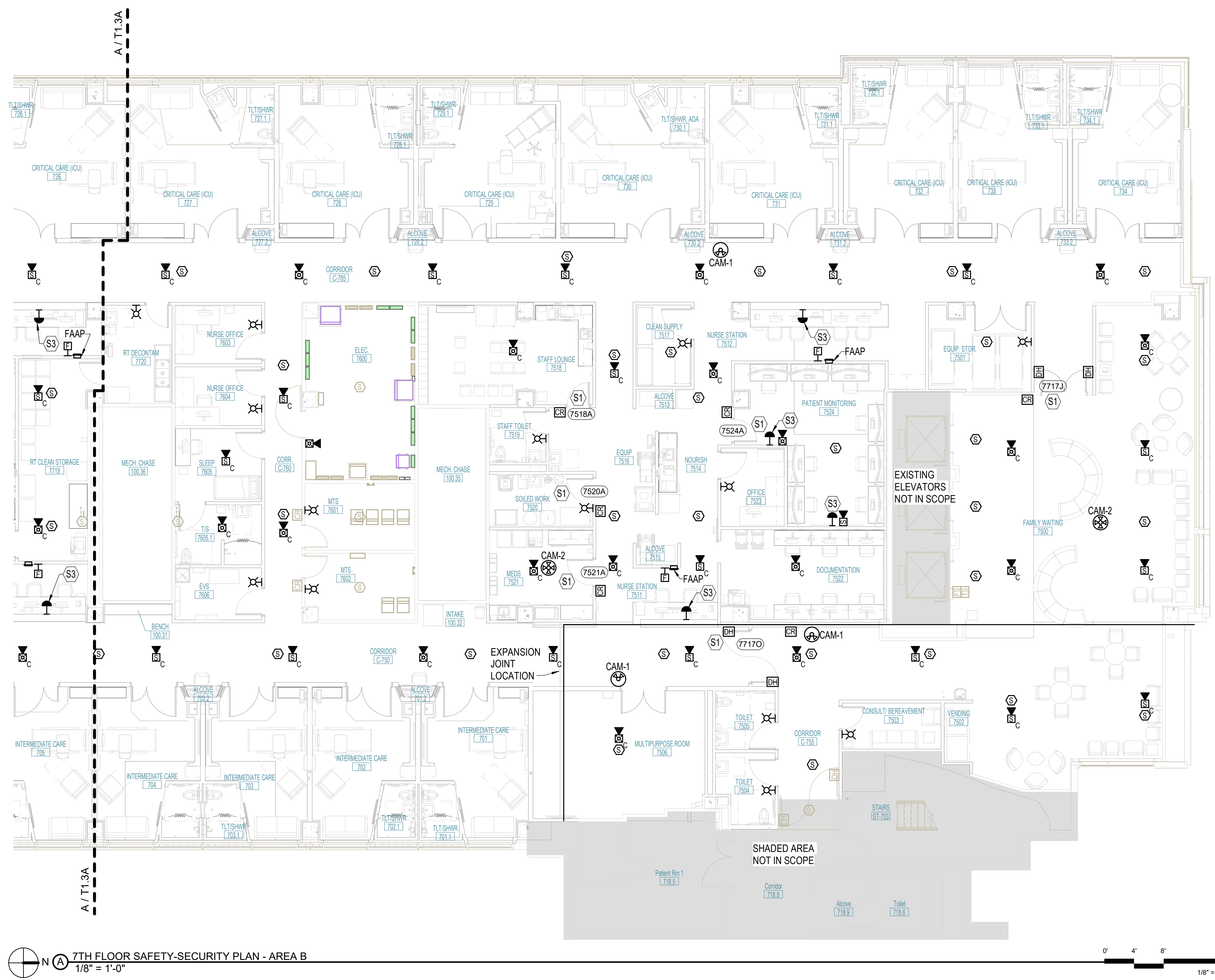


No.	Date	Description



Sheet & Size

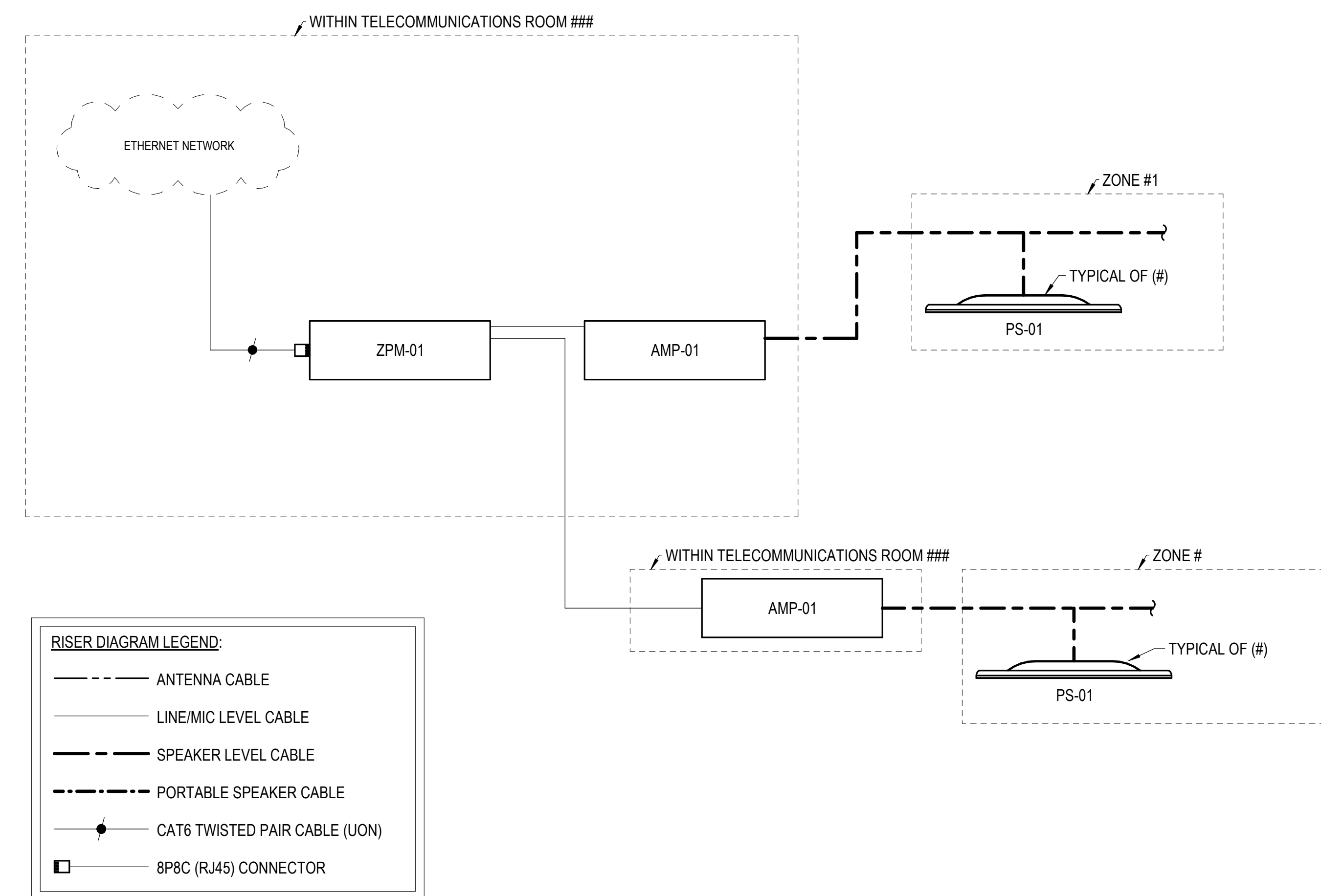
MERCY NWA HOSPITAL
 Building No.: 1388
ROGERS 7TH FLOOR ICU
 2710 RIFE MEDICAL LANE, ROGERS, AR 72758
 Sheet Name: 7TH FLOOR SAFETY-SECURITY PLAN - AREA B
 Mercy Project No.: 2040-821203
 Date: 11/13/2024
 Scale: As indicated



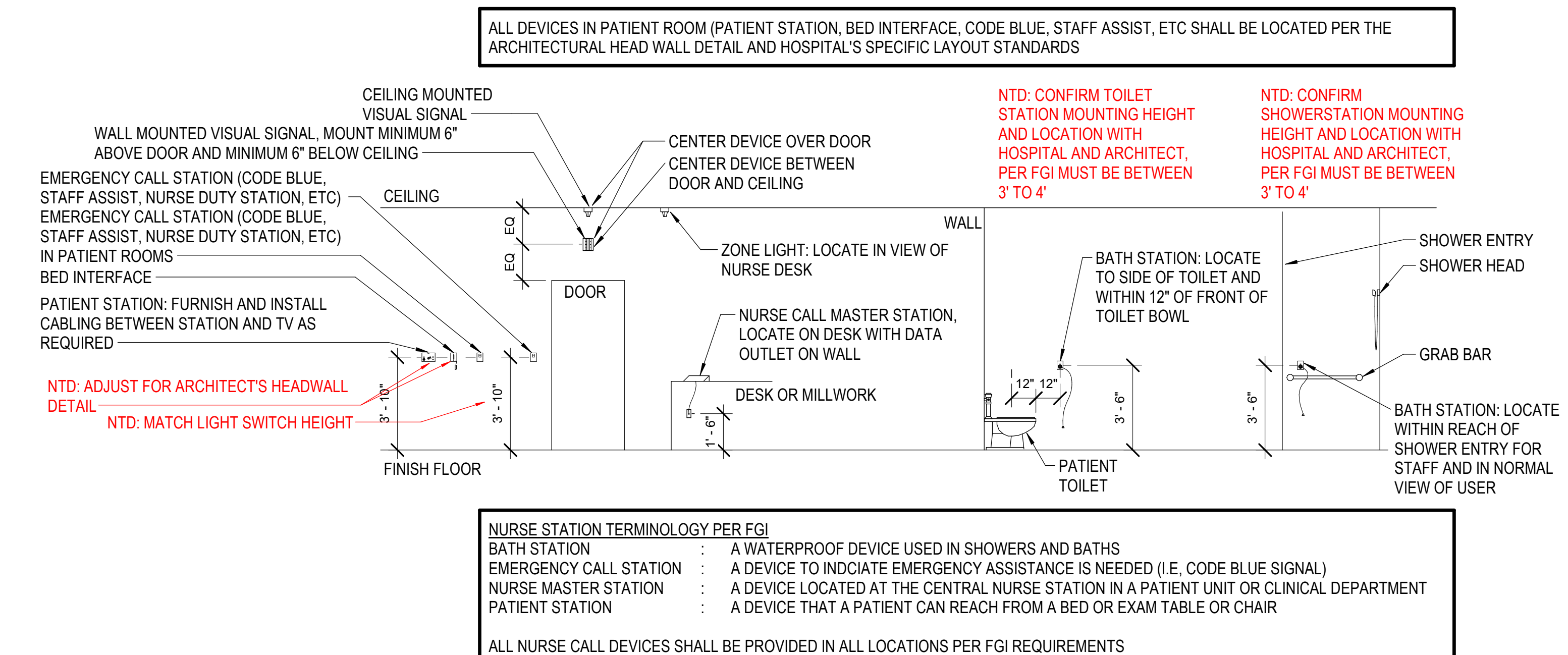
PUBLIC ADDRESS EQUIPMENT SCHEDULE

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

TAG	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
AMP-01	70-VOLT SPEAKER AMPLIFIER	BOGEN	GS	
PS-01	2'X2' CEILING-TILE 70-VOLT SPEAKER	BOGEN	CSD2X2	
ZPM-01	ZONED PAGING MODULE			SEE NOTE 1.



2 PUBLIC ADDRESS RISER DIAGRAM
NO SCALE



3 NURSE CALL MOUNTING DETAIL
NTS



No.	Date	Description



Step & Rev: Date: 11/13/2024
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
Date: 11/13/2024
Scale: As indicated

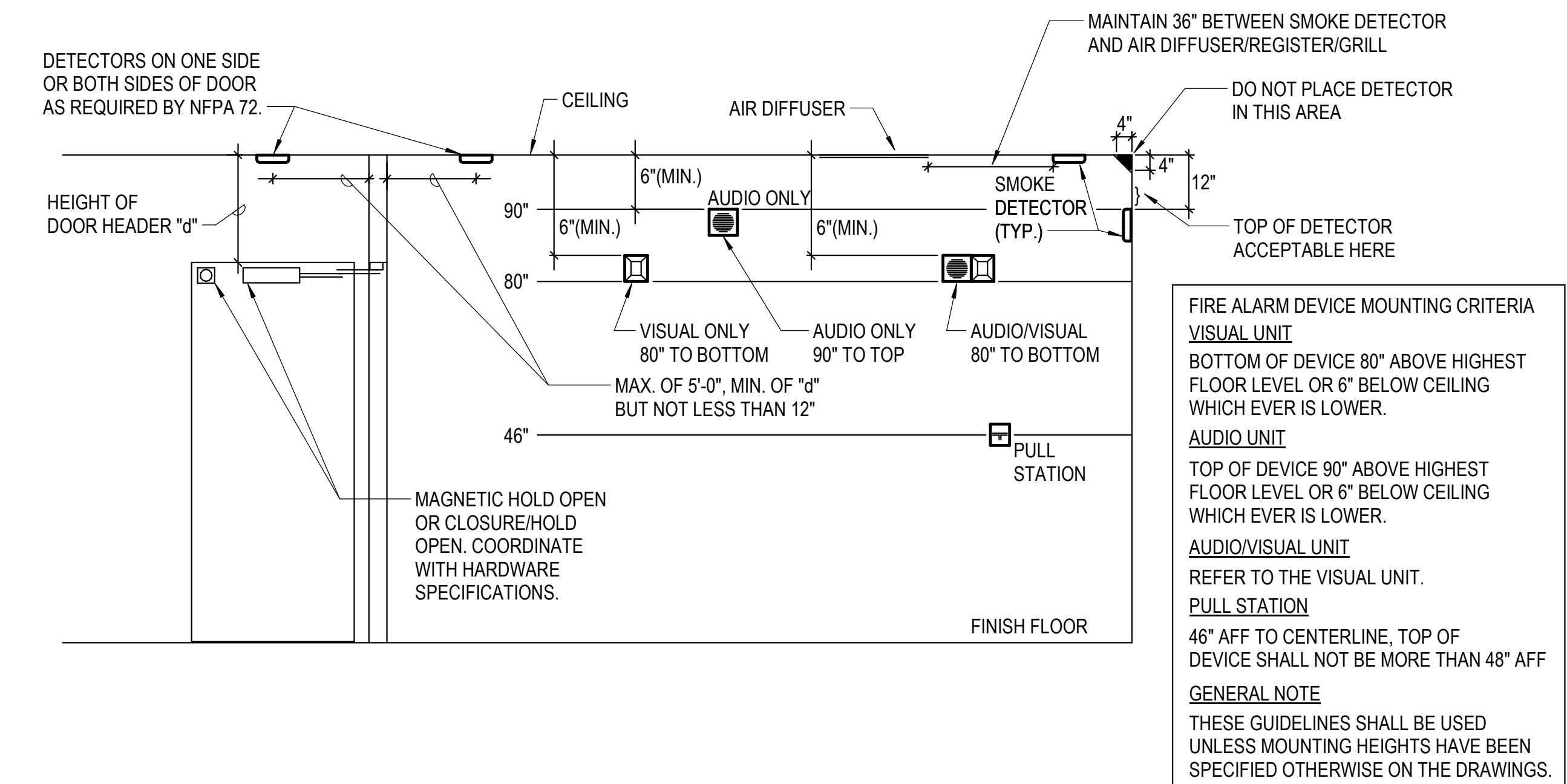
COMMUNICATIONS DETAILS



7TH FLOOR
Sheet No: **T5.1**

PEC PROFESSIONAL ENGINEERING CONSULTANTS P.A.
1824 S. UTICA AVE. SUITE 400, TULSA, OK 74104
918-584-5400 www.pec.com
PEC PROJECT NUMBER: 20170400 C.O.A. #942 P.E.I.S. EXPIRES: DECEMBER 31, 2024

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

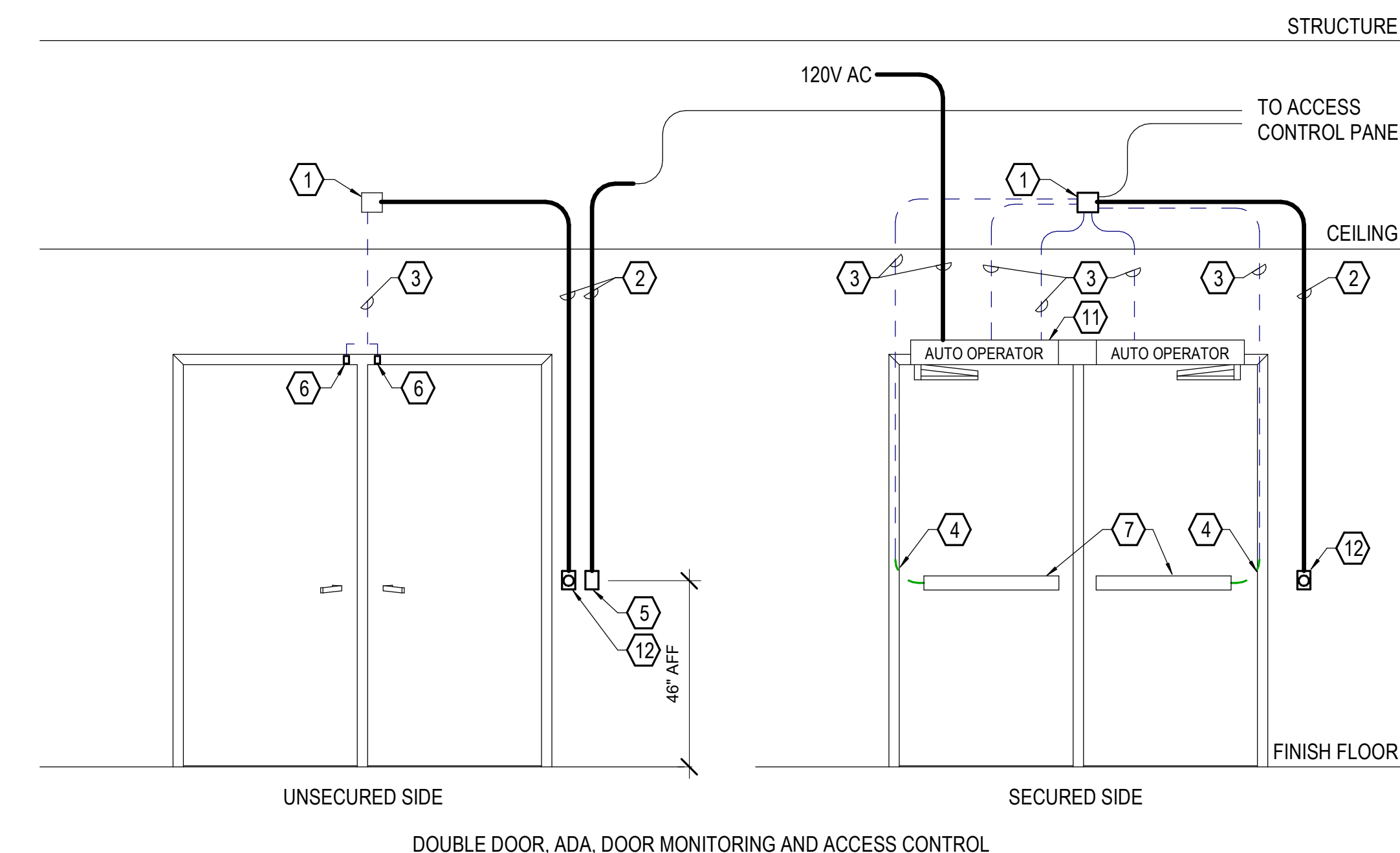
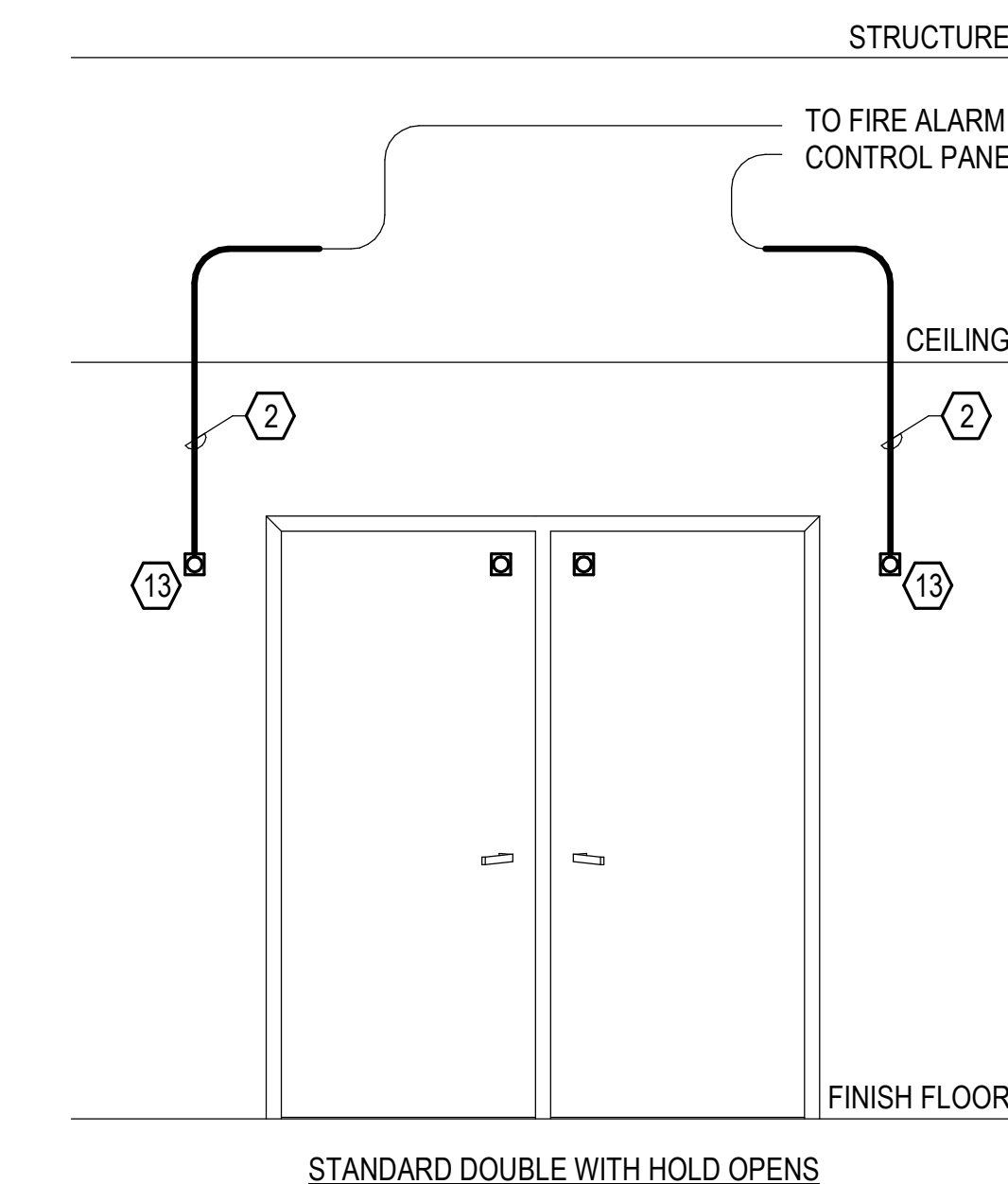
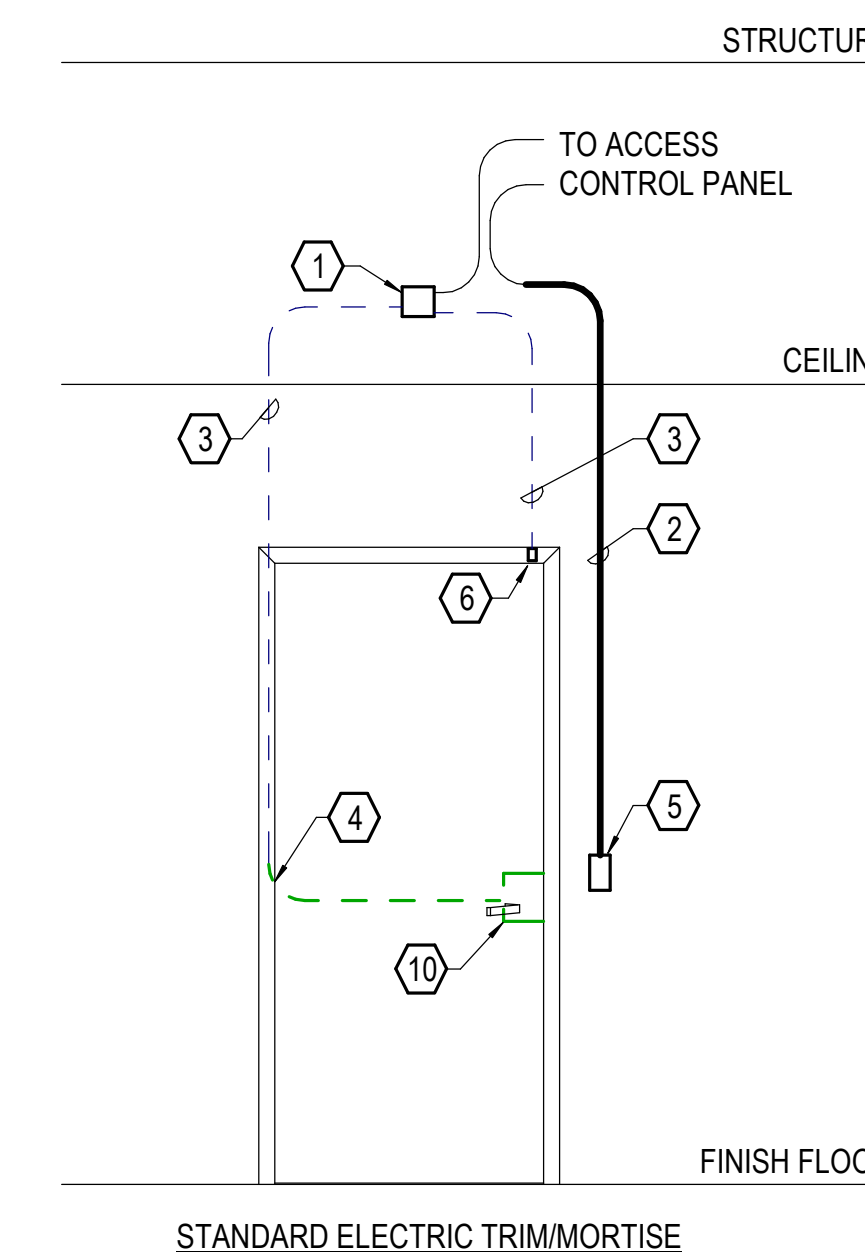
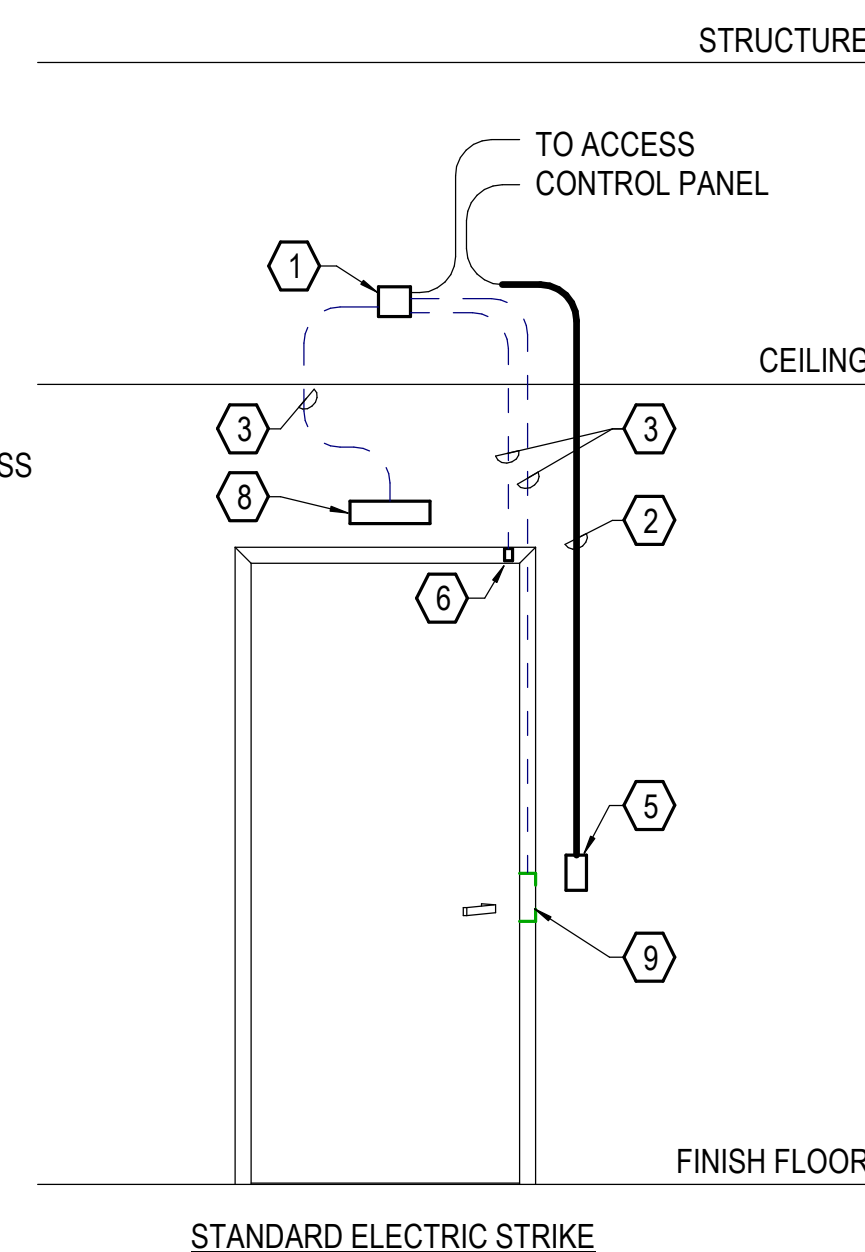
ACCESS CONTROL/DOOR HARDWARE RESPONSIBILITY MATRIX					
COMPONENTS	DOOR HARDWARE CONTRACTOR (DHC)	DOOR ACCESS (SECURITY) CONTRACTOR (DAC)	ELECTRICAL CONTRACTOR (EC)	OTHER	COMMENTS
DOOR HARDWARE					
ELECTRIFIED HARDWARE (INCLUDING BUT NOT LIMITED TO): LOCKSETS, STRIKES, PANIC BARS AND INTEGRATED PROXIMITY 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

No.	Date	Description



Step & Rev: _____
 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
SAFETY-SECURITY DETAILS



PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 1625 S. UTICA AVE. SUITE 1400, TULSA, OK 74104
 918-584-5400 www.pec.com
 C.O.A. #942 FEELS EXPIRES: DECEMBER 31, 2024

Sheet No.: **T5.3**