

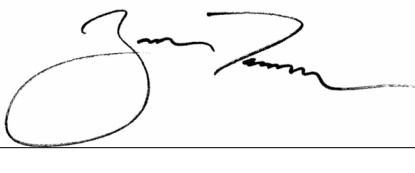
WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT # HHSI102201800141
PROJECT NUMBER: 022003.00

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT #
HHSI102201800141

project #: 022003.00
date: 1/17/2024 8:09:41 AM
drawn by: AUTHOR
checked by: CHECKER

signature: 
printed name: RYAN TURNER, AIA, ACHA, EDAC
reg. #: 14817
sign date: 01/12/2024


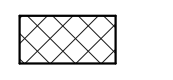

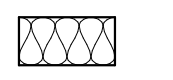
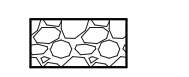

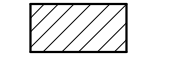
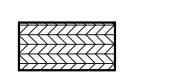
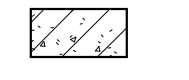
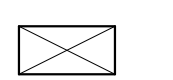
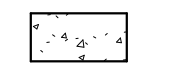
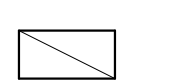
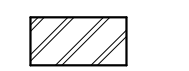

revision / issue	no.	date
ADD	1	2023/07/26

sheet title: TITLE SHEET
sheet number: **A0.1**

SHEET INDEX

0-COVER SHEET	
A0.1	TITLE SHEET
2-ARCHITECTURAL	
A1.1	LIFE SAFETY PLAN & SUMMARY
A1.3	DEMO PLAN
A2.1	AMBULANCE GARAGE
A2.2	PHARMACY
A3.1	FIRST FLOOR RCP
A4.1	SCHEDULES AND TYPES
A7.1	INTERIOR ELEVATIONS
A8.1	DETAILS
3-MECHANICAL	
M0.1	MECHANICAL TITLE SHEET
M1.1	PHARMACY - MECHANICAL DEMOLITION
M1.2	AMBULANCE GARAGE - MECHANICAL DEMOLITION
M2.1	PHARMACY - FIRE PROTECTION
M2.2	AMBULANCE GARAGE - FIRE PROTECTION
M3.0	PHARMACY - UNDERFLOOR PLUMBING
M3.1	PHARMACY - PLUMBING
M4.1	PHARMACY - PIPING
M4.2	AMBULANCE GARAGE - PIPING
M5.1	PHARMACY - HVAC
M5.2	AMBULANCE GARAGE - HVAC
M6.1	MECHANICAL SCHEDULES
M7.1	MECHANICAL DETAILS
4-ELECTRICAL	
E0.1	ELECTRICAL TITLE SHEET
E1.1	PHARMACY - ELECTRICAL DEMOLITION
E1.2	AMBULANCE GARAGE - ELECTRICAL DEMOLITION
E2.1	PHARMACY - LIGHTING
E2.2	AMBULANCE GARAGE - LIGHTING
E3.1	FIRST FLOOR PLAN - POWER & SYSTEMS
E3.2	PHARMACY - POWER & SYSTEMS
E3.3	AMBULANCE GARAGE - POWER & SYSTEMS
E4.1	SCHEDULES - ELECTRICAL
E4.2	SCHEDULES - ELECTRICAL
E5.1	DETAILS - ELECTRICAL

MATERIALS

	EARTH		RIGID INSULATION
	COMPACT FILL/SAND		BATT INSULATION
	POROUS FILL/GRAVEL		GYPSUM BOARD
	FACE BRICK		PLYWOOD
	CMU		CONT. ROUGH WOOD
	CONCRETE		WOOD BLOCKING
	STUD WALL/METAL		FINISHED WOOD

ARCHITECTURAL GENERAL NOTES

- GENERAL NOTES APPLY TO ALL DRAWING SHEETS.
- REVIEW THE CONSTRUCTION DOCUMENTS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT UPON ENCOUNTERING ANY UNFORESEEN CONDITIONS, DISCREPANCIES, ERRORS, OR INCONSISTENCIES.
- WORK SHALL BE DONE IN ACCORDANCE WITH ALL RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE PROJECT.
- THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES DURING CONSTRUCTION TO MINIMIZE DISTURBANCES TO ADJACENT SPACES AND /OR STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THROUGHFARES, ETC. MAINTAIN ALL REQUIRED EXITS DURING CONSTRUCTION.
- ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER.
- DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS IN THE FIELD FOR ACCURACY PRIOR TO CONSTRUCTION. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF WORK.
- IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON DRAWINGS AND DATA SHOWN IN THE SPECIFICATION, THE WORK OF GREATER QUALITY OR QUANTITY SHALL BE PROVIDED, IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION, AND NO CHANGE IN THE CONTRACT SUM WILL BE PERMITTED. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF LARGER SCOPE. NOTIFY ARCHITECT IF AT ANY TIME AN ERROR OR DISCREPANCY IS DISCOVERED.
- IMMEDIATELY NOTIFY ARCHITECT OF ANY LONG LEAD ITEMS THAT WILL AFFECT THE COMPLETION DATE.
- ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE BLOCK TO BE PRESSURE TREATED - TYPICAL.
- PROVIDE METAL BACKING AND /OR TREATED WOOD BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (GRAB BARS, TOILET ROOM ACCESSORIES, TV MOUNTS, HEADWALLS, EQUIPMENT RAILS, ETC.) VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
- PATCH ALL DISTURBED FIREPROOFING AS REQUIRED TO MAINTAIN RATING. REPAIR AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ANY NEW PENETRATIONS REQUIRED BY THE WORK. REFER TO CODE SUMMARY FOR RATINGS.
- ALL EXPOSED METAL TO RECEIVE PAINT UNLESS OTHERWISE NOTED.
- ALL ADJACENT DISSIMILAR MATERIALS TO RECEIVE CAULKING, INCLUDING EQUIPMENT MOUNTED TO WALLS.

ABBREVIATIONS

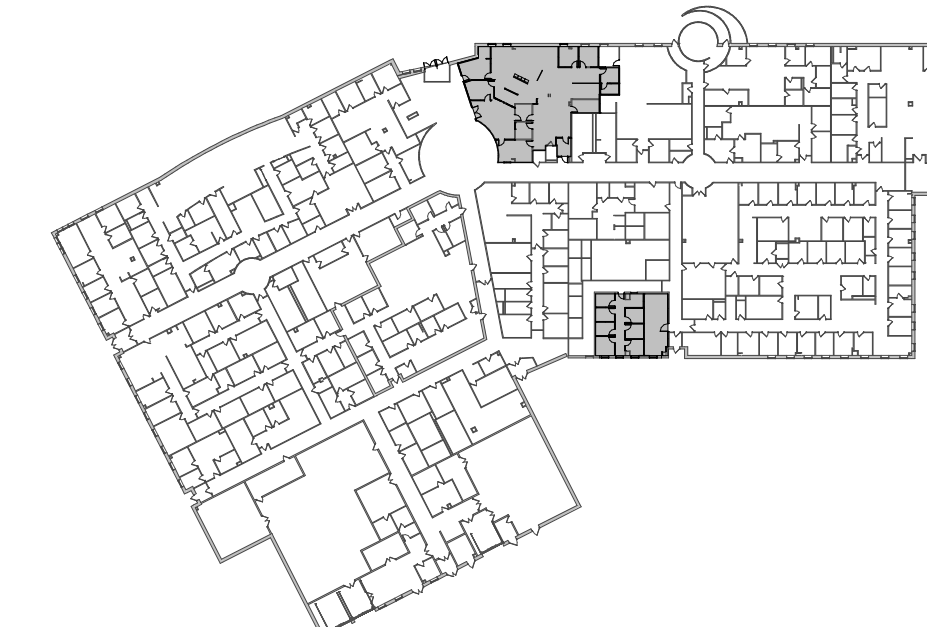
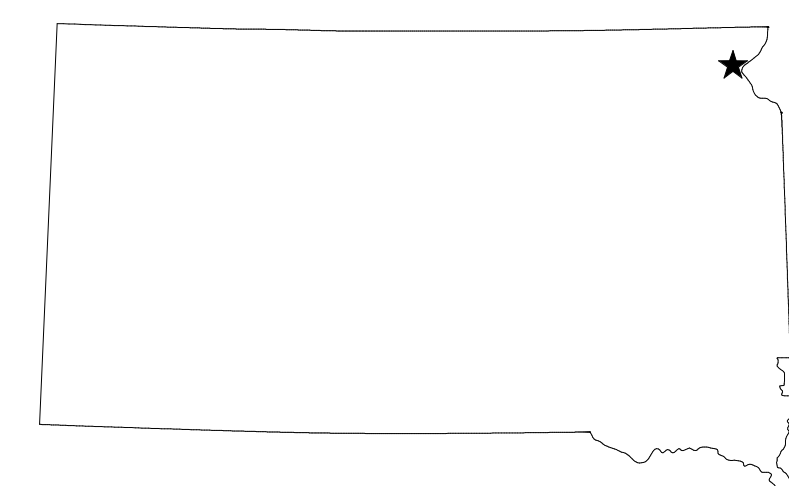
SV	SHEET VINYL	LAM	LAMINATE
ADJ	ADJUSTABLE	LVT	LUXURY VINYL TILE
AFB	ABOVE FINISHED FLOOR	MECH	MECHANICAL
AHU	AIR HANDLING UNIT	MIN	MINIMUM
ALT	ALTERNATE	MISC	MISCELLANEOUS
ALUM	ALUMINUM	MTL	METAL
APPROX	APPROXIMATE	NIC	NOT IN CONTACT
ARCH	ARCHITECT	NTS	NOT TO SCALE
B.O.	BOTTOM OF	OC	ON CENTER
B.SPLASH	BACKSPASH		
BLKG	BLOCKING		
C-TOP	COUNTERTOP	PC	PRECAST
CLG	CEILING	PLAM / P.LAM.	PLASTIC LAMINATE
CLR	CLEAR	PLYWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT	PNT	PAINT
CONC	CONCRETE	PTD	PAPER TOWEL DISPENSER
CPT	CARPET	RCP	REFLECTED CEILING PLAN
CT	CERAMIC TILE	REF	REFRIGERATOR
D	DEEP	REINF	REINFORCED
DIM	DIMENSION	REQD	REQUIRED
DISP	DISPENSER	RTU	ROOF TOP UNIT (MECH.)
EA	EACH	S.SPLASH	SIDESPLASH
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	SACT	SUSPENDED ACOUSTICAL CEILING TILE
ELEC	ELECTRICAL	SCHED	SCHEDULE
EQ	EQUAL	SD	SOAP DISPENSER
EQUIP / EQPT.	EQUIPMENT	SEAL	SEALANT
EXST / EX. / EXIST.	EXISTING	SF	SQUARE FOOT (FEET)
F.T.	FIRE TREATED	SIM	SIMILAR
F.V.	FIELD VERIFY	SIP	STRUCTURAL INSULATED (OR INSULATING) PANEL
FE	FIRE EXTINGUISHER	SPEC	SPECIFICATION
FEC	FIRE EXTINGUISHER CABINET	SS	STAINLESS STEEL
FLR	FLOOR	SSM	SOLID SURFACE MATERIAL
FRP	FIBERGLASS REINFORCED PANEL	STL	STEEL
FUR	FURRING	STRUCT	STRUCTURAL CONSULTANT
GALV	GALVANIZED	T.O.	TOP OF
GLAZ	GLAZING	TRTD	TREATED
GYP. BD. / G.BD / GBD	GYPSUM BOARD	TYP	TYPICAL
HM	HOLLOW METAL	VB	VINYL BASE
HT	HEIGHT	VCT	VINYL COMPOSITION TILE
ICF	INSULATED (OR INSULATING) CONCRETE FORM	VIF	VERIFY IN FIELD
INSUL	INSULATION	VWC	VINYL WALL COVERING
		W/	WITH
		W/O	WITHOUT
		WD	WOOD

PROJECT TEAM

OWNER IHS Woodrow Wilson Keeble Memorial Health Care Center 100 LAKE TRAVERSE DRIVE SISSETON, SD 57262 PHONE: 605-377-8823 CONTACT: JARRET COON EMAIL: JARRET.COON@IHS.GOV	ARCHITECT DSGW ARCHITECTS 2 WEST FIRST ST. SUITE 201 DULUTH, MN 55802 PHONE: 218-740-3632 CONTACT: RYAN TURNER EMAIL: RTURNER@DSGW.COM
STRUCTURAL ENGINEER NORTHLAND CONSULTING ENGINEERS 102 S. 21ST AVENUE WEST SUITE 1 DULUTH, MN 55806 PHONE: 218-727-5995 FAX: 218-727-7779 CONTACT: JON AAMODT EMAIL: JON@NCE-DULUTH.COM	MECH/ELECT. ENGINEER EDI-DOLEJS 1112 N 5TH STREET MINNEAPOLIS, MN., 55411 PHONE: 612-343-5965 CONTACT: EMAIL ADDRESS

LOCATION MAP

★ STAR INDICATES PROJECT LOCATION



① LOCATION
1" = 100'-0"

SYMBOLS

ELEVATION LABEL 100'-0" T.O. STL.	MATCHLINE IDENTIFICATION (WHEN REQ'D) MATCH LINE	BREAKLINE	NOTE IDENTIFICATION (LEADER OPTIONAL)
ELEVATION REFERENCE ELEVATION NUMBER SHEET NUMBER	SECTION REFERENCE SECTION NUMBER SHEET NUMBER	DETAIL REFERENCE DETAIL NUMBER SHEET NUMBER AREA TO BE DETAILED OR ENLARGED	
ROOM IDENTIFICATION TOILET ROOM ROOM NUMBER	WINDOW TAG W205	DOOR TAG 204	WALL TAG SEQUENTIAL INDICATOR APPROXIMATE THICKNESS IN INCHES
TITLE MARKER VIEW TITLE VIEW SCALE	REVISION IDENTIFICATION REVISION TYPE REVISION NUMBER	NORTH ARROW PLAN NORTH ACTUAL NORTH (IF DIFFERENT)	
DOOR REPRESENTS NEW DOOR	DOOR TO REMAIN REPRESENTS EXISTING DOOR TO REMAIN	DOOR TO BE REMOVED REPRESENTS EXISTING DOOR TO BE REMOVED.	
WALLS WITH HATCH INDICATE NEW CONSTRUCTION	WALLS SHADED GRAY INDICATE EXISTING TO REMAIN	DASHED LINES INDICATE WALLS & ITEMS TO BE REMOVED.	

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262
 IHS PROJECT #
 HHS1102201800141

project #: 022003.00
 date: 1/17/2024 8:09:43 AM
 drawn by: AUTHOR
 checked by: CHECKER

signature: *[Signature]*
 printed name: RYAN TURNER, AIA, ACHA, EDAC
 reg. #: 14817
 sign date: 01/12/2024

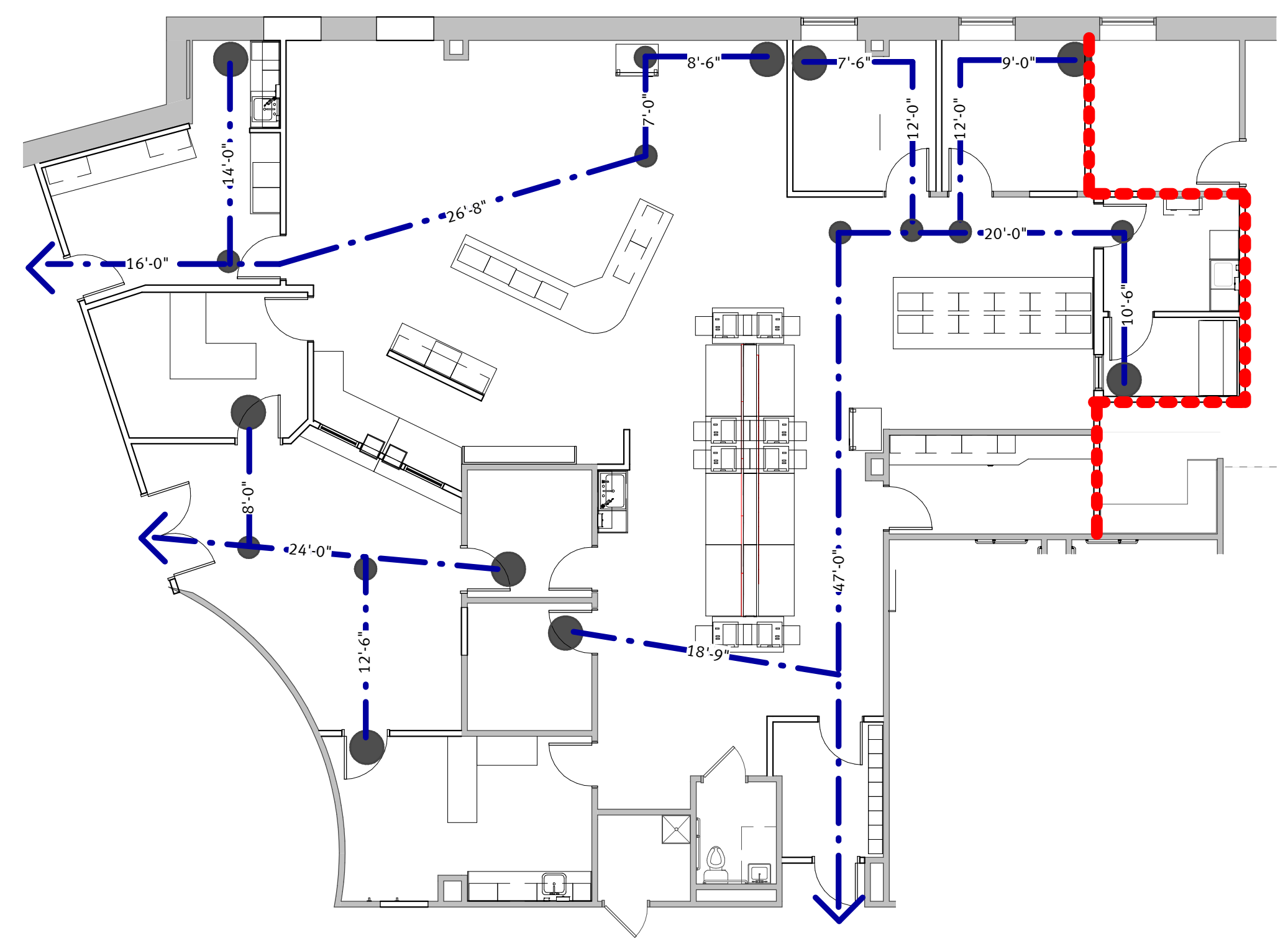
revision / issue	no.	date

LIFE SAFETY ANALYSIS

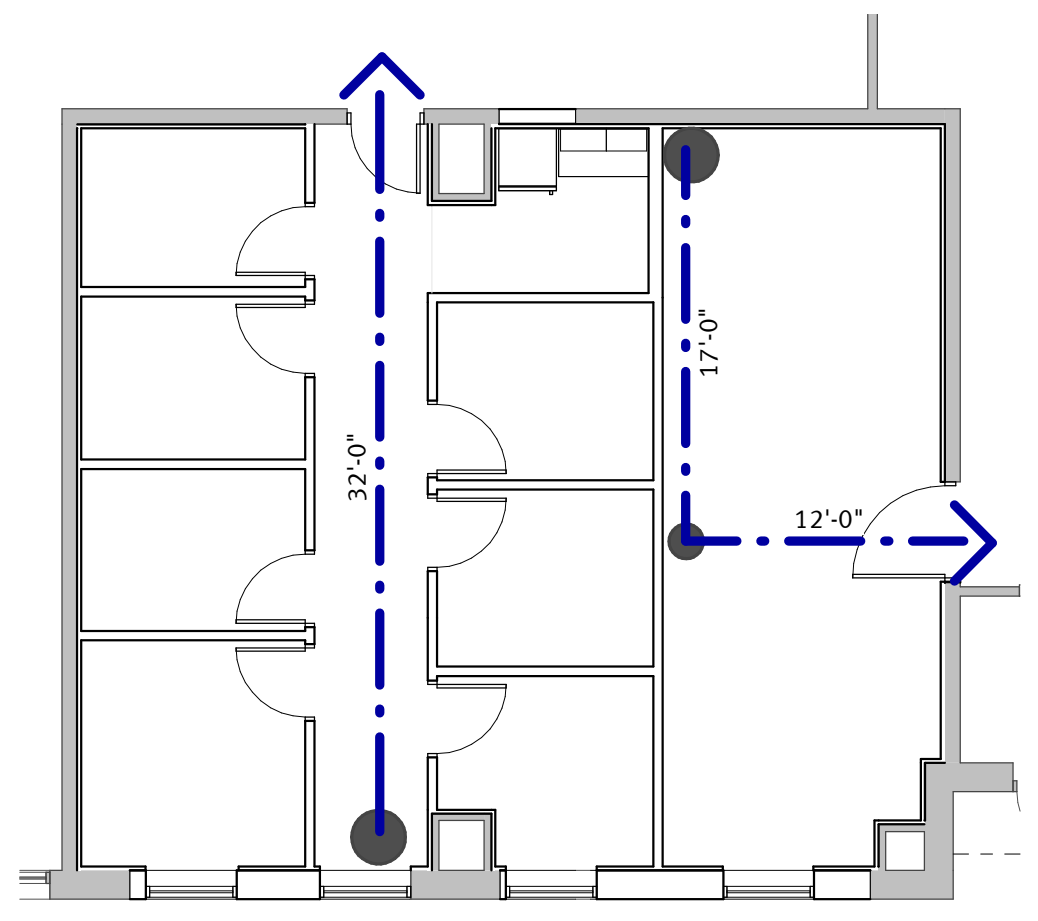
PROJECT: IHS WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE
 PROJECT NUMBER: 020053.00
 LOCATION: SISSETON, SD 57262
 ARCHITECT: DSGW ARCHITECTS
 PREPARED BY:
 OCCUPANCY: B (PHARMACY)
 CONST. TYPE: II-B
 OCCUPANT LOAD:
 CODE(S) USED: INTERNATIONAL BUILDING CODE, 2018 EDITION

NEW	NO	IS THIS A NONSEPERATED OCCUPANCY?	YES
REMODEL	YES	IS THIS A SEPERATED OCCUPANCY?	NO
ADDITION	YES	OCCUPANCY	B
SPRINKLED	YES	BASIC ALLOWABLE FOOTPRINT	92,000 SF
FIRE ALARM SYSTEM	YES	ACTUAL FOOTPRINT	86,616 SF
		PROJECT AREA	4,674 SF
		ALLOWABLE HEIGHT	75'
		ACTUAL NUMBER OF STORIES	1

BUILDING ELEMENT	TYPE		
FIRE-RESISTIVE RATING (TABLE 601/602)	II-B		
STRUCTURAL FRAME	0 HR (EXIST)		
BEARING WALLS	EXTERIOR	0 HR (EXIST)	
	INTERIOR	0 HR (EXIST)	
NONBEARING WALLS	EXTERIOR	X < 30	0 HR (EXIST)
		X <= 30	0 HR (EXIST)
	INTERIOR		0 HR (EXIST)
			0 HR (EXIST)
FLOOR CONSTRUCTION	0 HR (EXIST)		
ROOF CONSTRUCTION	0 HR (EXIST)		



① PHARMACY CODE PLAN
 1 : 100



② AMBULANCE BAY CODE PLAN
 1 : 100

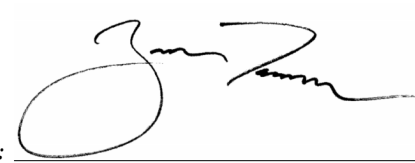
LIFE SAFETY LEGEND

- * BUILDING EXIT
- ♿ ACCESSIBLE FEATURE
- # ROOM OCCUPANCY LOAD
- ⊙ EXIT SIGNAGE
- ⊚ EMERGENCY LIGHTING
- FEX FIRE EXTINGUISHER (WALL HUNG)
- FEC FIRE EXTINGUISHER WITH CABINET
- ↔ MAX EXIT ACCESS TRAVEL POINT
- ↔ DISTANCE BETWEEN NODES
- ⊙ EXIT NODE
- EGRESS PATH
- (XX) MAX EXIT ACCESS
- SMOKE RESISTANT PARTITION
- - - - - 1 HOUR FIRE PARTITION
- - - - - 1 HOUR FIRE BARRIER (EXIT ENCLOSURE OR SHAFT)
- - - - - 1 HOUR FIRE BARRIER (OTHER)
- - - - - 2 HOUR FIRE BARRIER (EXIT ENCLOSURE OR SHAFT)
- - - - - 2 HOUR FIRE BARRIER (OTHER)
- - - - - FIRE WALL

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262
 IHS PROJECT #
 HHS1102201800141

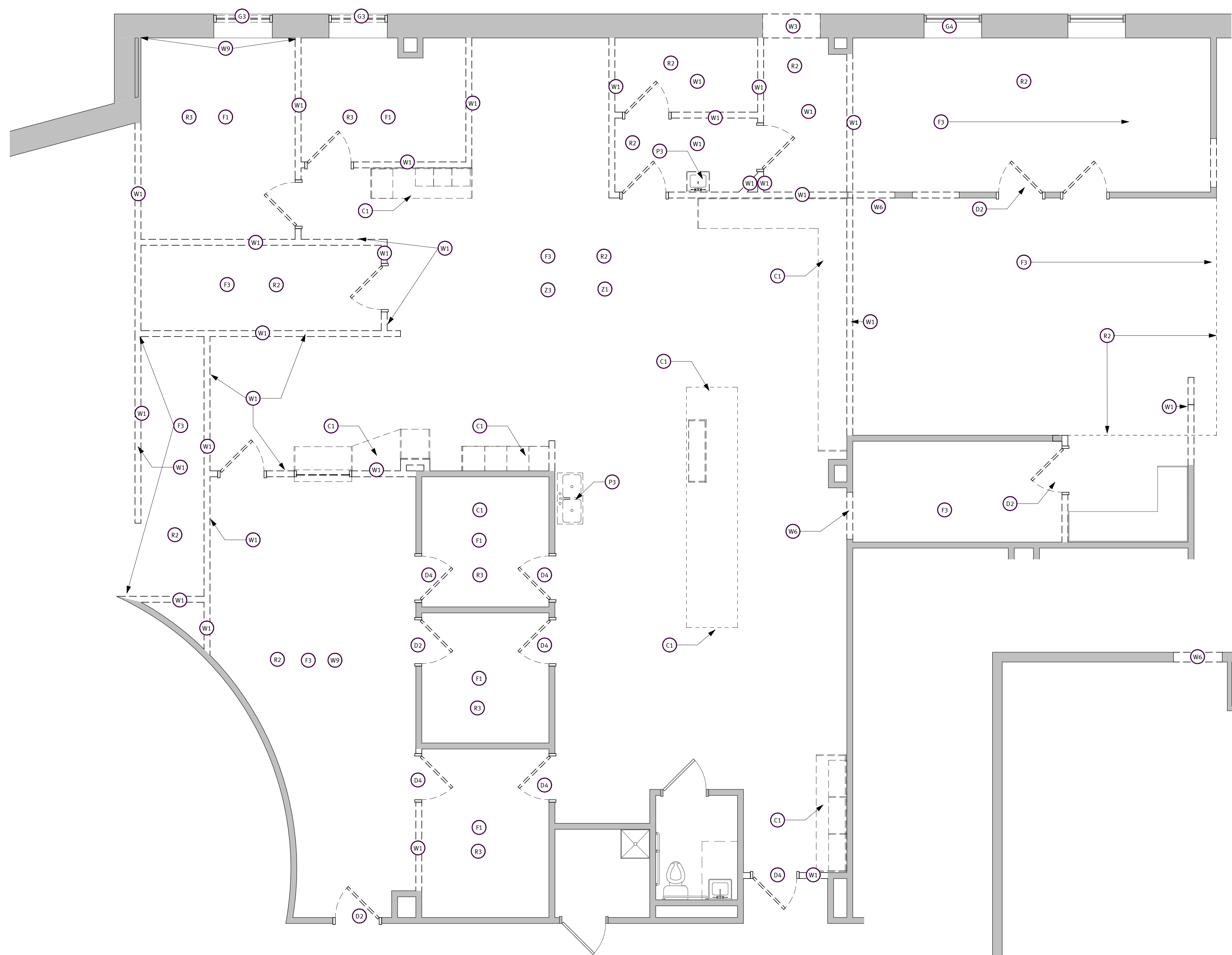
project #: 022003.00
 date: 1/17/2024 8:09:46 AM
 drawn by: AUTHOR
 checked by: CHECKER

signature: 
 printed name: RYAN TURNER, AIA, ACHA, EDAC
 reg. #: 14817
 sign date: 01/12/2024

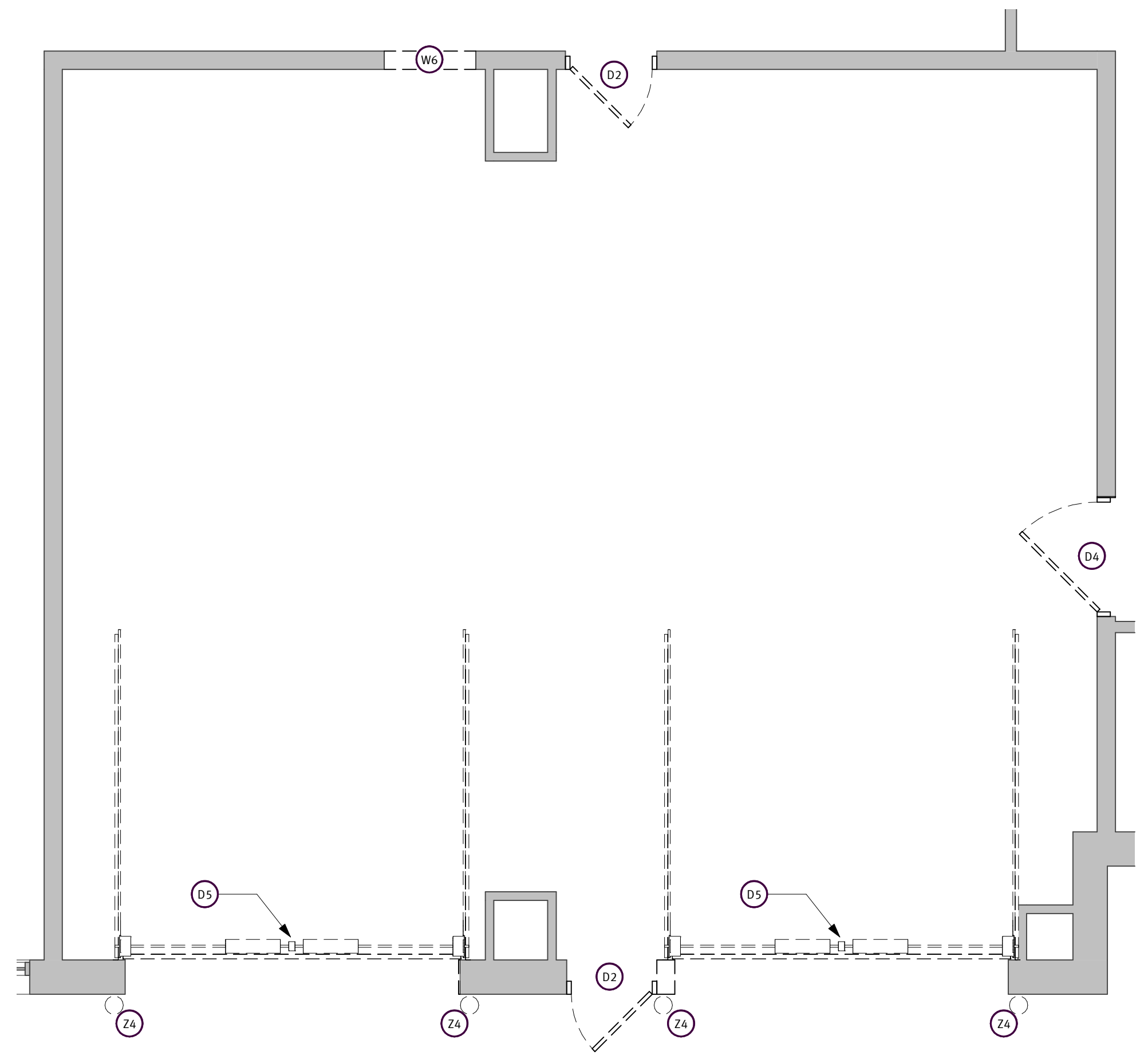
revision / issue	no.	date

- ### DEMO GENERAL NOTES
- DEMOLITION NOTES AND PLANS ARE PROVIDED AS A GUIDE ONLY. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND EXAMINE DRAWINGS AND DETAILS TO DETERMINE EXTENT AND LIMITS OF DEMOLITION TO ACCOMMODATE NEW CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL ASPECTS OF DEMOLITION AND RECONSTRUCTION. CONTRACTOR TO COORDINATE NEW WORK PLAN DIMENSIONS AND INSTALLATION OF NEW MATERIALS AND FINISHES, AS REQUIRED, WHETHER INDICATED ON DRAWINGS OR NOT.
 - DEMOLITION NOTES WITHOUT LEADERS INDICATE THAT THE NOTE APPLIES TO THE ENTIRE ROOM.
 - CONTRACTORS SHALL COORDINATE ALL DEMOLITION WORK PHASING AND SEQUENCING WITH OWNER PRIOR TO START OF CONSTRUCTION.
 - VERIFY EXISTING WALL TYPE AT WALL INFILL OR WALL EXTENSION AREAS. IF EXISTING WALL TYPE DOES NOT MATCH THE CALLED OUT WALL TYPE, INFILL OR EXTEND TO MATCH EXISTING WALL TYPE INSTEAD.
 - VERIFY EXISTING WALL MATERIALS TO BE REMOVED (GYPSUM BOARD, STUD, CMU, BRICK, ETC.).
 - PROVIDE TRANSITION STRIP AT AREAS OF NEW FLOORING MEETING EXISTING FLOORING AND AT NEW DOOR OPENINGS IN EXISTING WALLS. PATCH FLOOR AS REQUIRED.
 - PREP FLOORS AS NEEDED FOR NEW FINISHES.
 - REMOVE EXISTING WALL MOUNTED ITEMS SUCH AS GRAB BARS, MIRRORS, PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, SOAP DISPENSERS, TOILET PARTITIONS, ETC IN DEMOLISHED AREAS. PATCH EXISTING WALLS AS REQUIRED.
 - PATCH SUBFLOOR, WALLS, & CEILINGS DISTURBED BY DEMOLITION. PATCH TO MATCH EXISTING FINISHES AS REQUIRED.
 - REMOVE ALL FINISHES, ADHESIVES, OR OTHER MATERIALS THAT CONFLICT WITH NEW FINISHES SCHEDULED IN EXISTING OR NEWLY REMODELED SPACES.
 - VERIFY ANY ITEMS TO BE RETAINED FOR OWNERS USE PRIOR TO REMOVAL.
 - PROVIDE PROTECTION AND BE RESPONSIBLE FOR OWNER'S EQUIPMENT, FURNITURE AND ANY EXISTING FINISHES TO REMAIN AND REPAIR OR REPLACE ANY DAMAGED AREAS AS A RESULT OF THE WORK. ALL EXISTING FINISHES TO REMAIN SHALL BE CLEANED AT THE COMPLETION OF CONSTRUCTION. DOCUMENT ANY EXISTING CONDITIONS OR DAMAGES PRIOR TO THE START OF CONSTRUCTION.

- ### DEMO PLAN NOTES
- C1 DEMO & REMOVE EXISTING CASEWORK INCLUDING ANY UPPER OR LOWER CABINETS AND SHELVES, COUNTER, PLUMBING FIXTURES AND WALL MOUNTED ACCESSORIES (REMOVE APPLIANCES IF APPLICABLE)
 - D2 DEMO & REMOVE EXISTING INTERIOR DOOR, FRAME & HARDWARE; INFILL W/WALL TYPE TO MATCH
 - D4 DEMO & REMOVE EXISTING INTERIOR DOOR, FRAME & HARDWARE. REPLACE W/NEW SIMILAR SIZED DOOR, FRAME & HARDWARE; VERIFY SIZE- SEE SCHEDULE
 - D5 DEMO & REMOVE EXISTING EXTERIOR DOOR, FRAME, & HARDWARE INCLUDING GLAZING SYSTEM IF APPLICABLE; INFILL W/WALL TYPE TO MATCH
 - F1 DEMO & REMOVE EXISTING CARPET FLOORING & BASE AS APPLICABLE; PREP FLOOR FOR NEW FINISHES
 - F3 DEMO & REMOVE EXISTING VCT FLOORING & BASE WHERE APPLICABLE; PREP FLOOR FOR NEW FINISHES
 - G3 DEMO & REMOVE EXISTING EXTERIOR WINDOW, FRAME, & HARDWARE; INFILL W/WALL TYPE TO MATCH
 - G4 DEMO & REMOVE EXISTING GLAZING AND REPLACE WITH BALLISTIC GLASS AS SPECIFIED
 - P3 DEMO & REMOVE EXISTING SINK, FAUCET, & PLUMBING ROUGH-IN ALONG W/ANY WALL MOUNTED SHELVES OR ACCESSORIES
 - R2 DEMO & REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING TILE & GRID
 - R3 DEMO & REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING TILE. REPLACE WITH NEW TILE
 - W1 DEMO & REMOVE EXISTING INTERIOR WALL-FIELD VERIFY EXIST. CONSTRUCTION
 - W3 DEMO & REMOVE PORTION OF EXISTING EXTERIOR MASONRY WALL TO CREATE NEW WINDOW OPENING
 - W6 DEMO & REMOVE PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. PATCH FLOOR AS REQ'D
 - W9 DEMO & REMOVE EXISTING VWC AND PREP FOR NEW WALL FINISH
 - Z1 REMOVE & SALVAGE EXISTING MOUNTED SIGNAGE; REINSTALL AS DIRECTED BY OWNER
 - Z3 DEMO & REMOVE EXISTING HIGH DENSITY SHELVING
 - Z4 DEMO & REMOVE EXISTING BALLARDS



1 PHARM. DEMO PLAN
 1/4" = 1'-0"




2 AMB BAY DEMO PLAN
 1/4" = 1'-0"

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262
 IHS PROJECT #
 HHS1102201800141

project #: 022003.00
 date: 1/17/2024 8:09:50 AM
 drawn by: AUTHOR
 checked by: CHECKER

signature: 
 printed name: RYAN TURNER, AIA, ACHA, EDAC
 reg. #:
 sign date: 01/12/2024

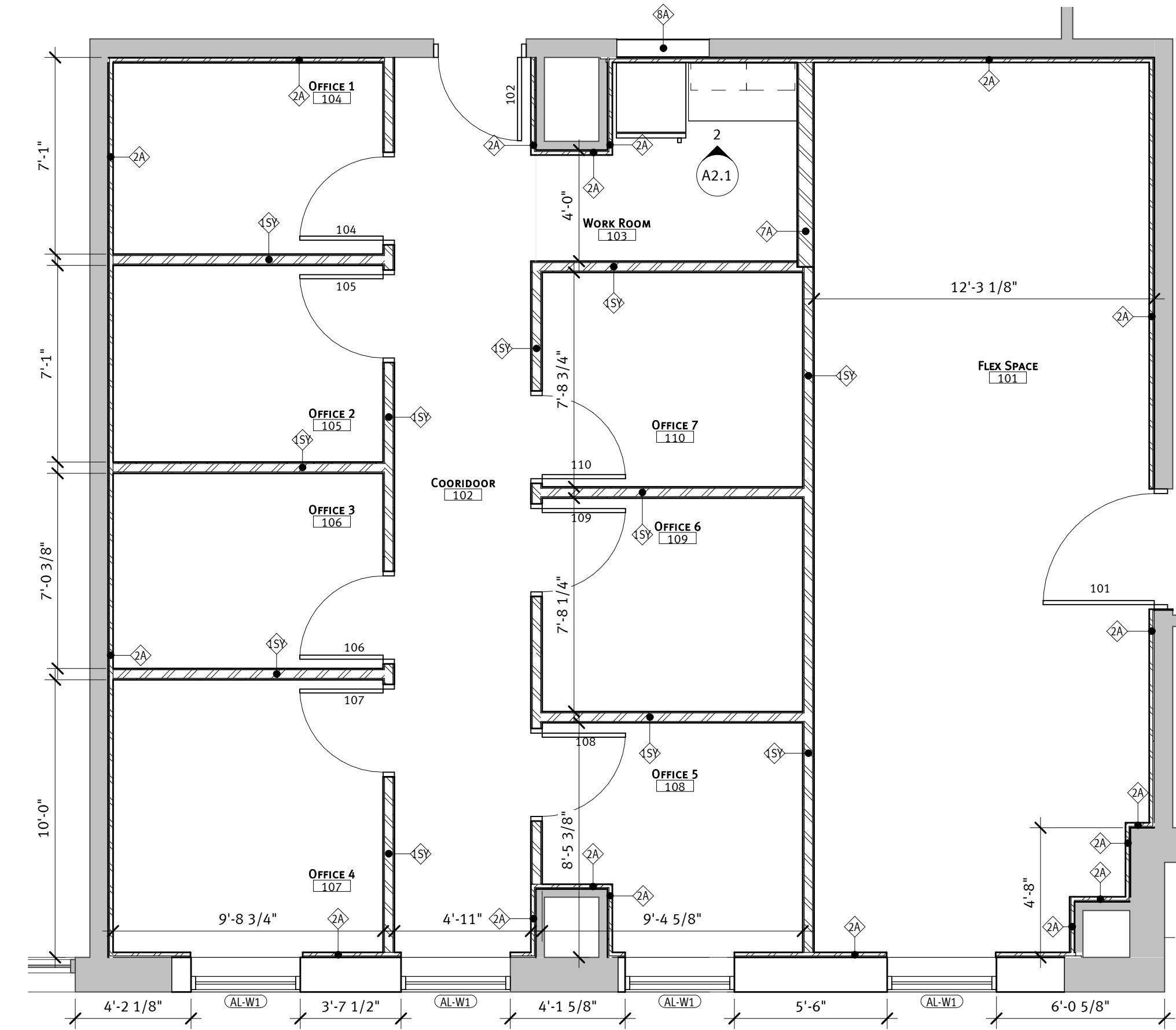
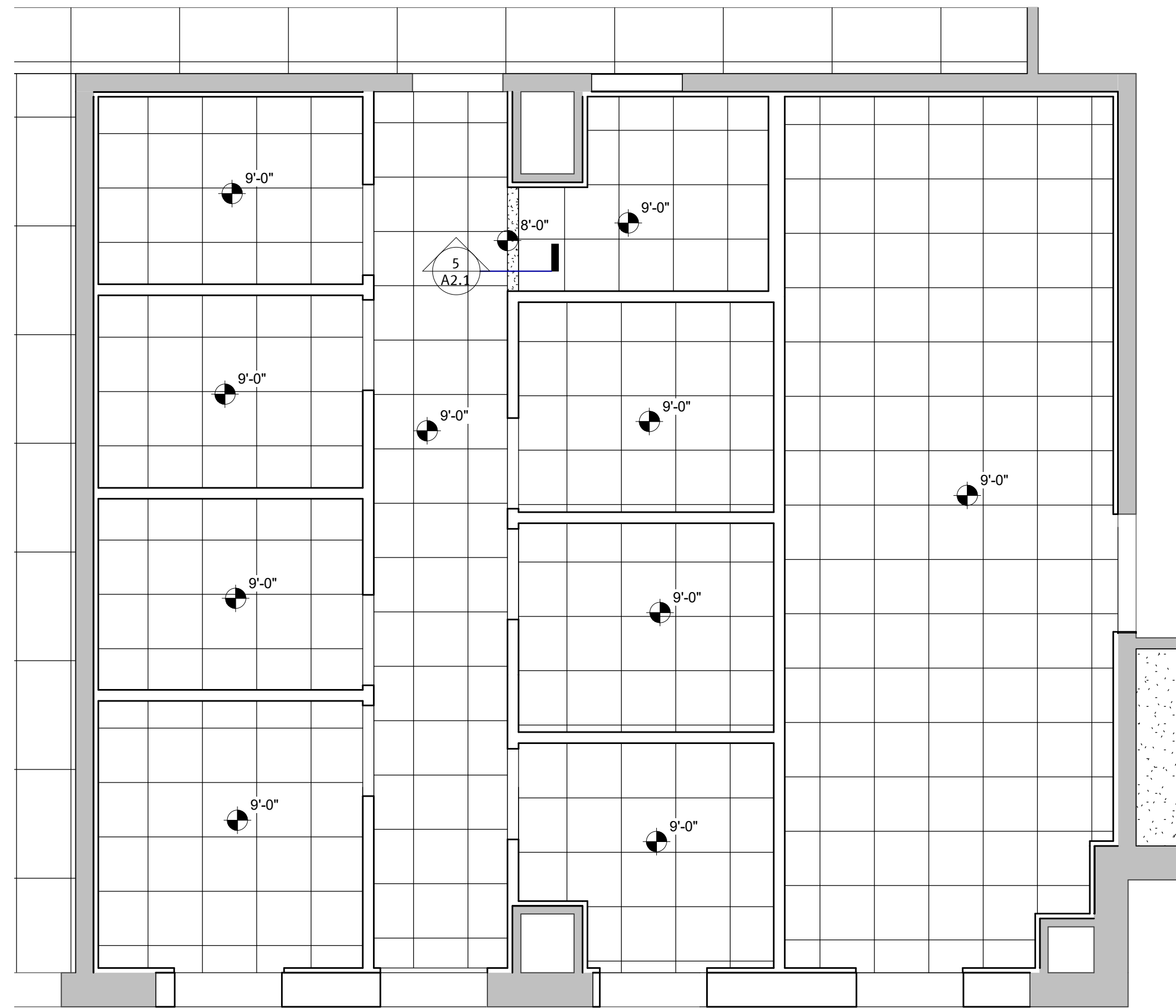
AMBULANCE BAY ROOM FINISH SCHEDULE										
NO.	NAME	FLOOR		WALL FINISH				CEILING		NOTES
		FINISH	BASE	NORTH	EAST	SOUTH	WEST	MAT'L	FINISH	
101	FLEX SPACE	VCT-1	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
102	COORDIDOR	CPT-1	RBR	PNT-1	PNT-1	PNT-1	PNT-1	SACT		
103	WORK ROOM	CPT-1	RBR	PNT-1	PNT-1	PNT-1	PNT-1	SACT		
104	OFFICE 1	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
105	OFFICE 2	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
106	OFFICE 3	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
107	OFFICE 4	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
108	OFFICE 5	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
109	OFFICE 6	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
110	OFFICE 7	CPT-2	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		

DOOR AND FRAME SCHEDULE - AMBULANCE GARAGE									
NO.	DOOR			FRAME			FIRE LABEL	HDW. NO.	NOTES
	WIDTH	HEIGHT	TYPE	TYPE	HEAD	DETAIL			
101	4'-0"	7'-0"	A						10
102	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
104	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			11
105	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
106	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
107	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
108	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
109	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04
110	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1			04

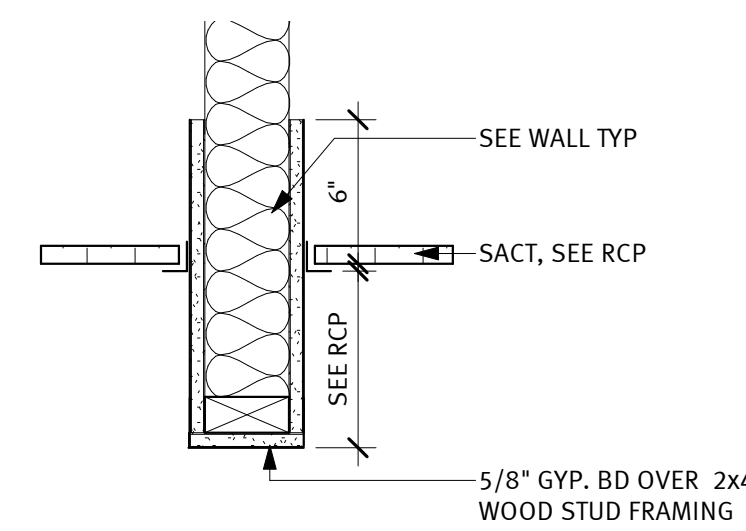
- GENERAL NOTES APPLY TO ALL DRAWING SHEETS.
- REVIEW THE CONSTRUCTION DOCUMENTS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT UPON ENCOUNTERING ANY UNFORESEEN CONDITIONS, DISCREPANCIES, ERRORS, OR INCONSISTENCIES.
- WORK SHALL BE DONE IN ACCORDANCE WITH ALL RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE PROJECT.
- THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES DURING CONSTRUCTION TO MINIMIZE DISTURBANCES TO ADJACENT SPACES AND /OR STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. MAINTAIN ALL REQUIRED EXITS DURING CONSTRUCTION.
- ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER.
- DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS IN THE FIELD FOR ACCURACY PRIOR TO CONSTRUCTION. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF WORK.
- IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON DRAWINGS AND DATA SHOWN IN THE SPECIFICATION, THE WORK OF GREATER QUALITY OR QUANTITY SHALL BE PROVIDED, IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION, AND NO CHANGE IN THE CONTRACT SUM WILL BE PERMITTED. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF LARGER SCOPE. NOTIFY ARCHITECT IF AT ANY TIME AN ERROR OR DISCREPANCY IS DISCOVERED.
- IMMEDIATELY NOTIFY ARCHITECT OF ANY LONG LEAD ITEMS THAT WILL AFFECT THE COMPLETION DATE.
- ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE BLOCK TO BE PRESSURE TREATED - TYPICAL.
- PROVIDE METAL BACKING AND / OR TREATED WOOD BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (GRAB BARS, TOILET ROOM ACCESSORIES, TV MOUNTS, HEADWALLS, EQUIPMENT RAILS, ETC) VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
- PATCH ALL DISTURBED FIREPROOFING AS REQUIRED TO MAINTAIN RATING. REPAIR AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ANY NEW PENETRATIONS REQUIRED BY THE WORK. REFER TO CODE SUMMARY FOR RATINGS.
- ALL EXPOSED METAL TO RECEIVE PAINT UNLESS OTHERWISE NOTED
- ALL ADJACENT DISSIMILAR MATERIALS TO RECEIVE CAULKING, INCLUDING EQUIPMENT MOUNTED TO WALLS

FLOOR PLAN GENERAL NOTES	
A	INTERIOR DIMENSIONS ARE TO FINISHED FACE OF STUD WALL, FACE OF MASONRY WALLS, TO CENTERLINE OF COLUMNS OR TO OTHER GRID POINTS UNLESS OTHERWISE NOTED. DIMENSIONS LABELED AS CLEAR OR CLR INDICATE MINIMUM DISTANCE TO FINISHED FACE OF WALLS. DIMENSIONS ARE TO FINISHED FACE OF EXISTING WALLS IF APPLICABLE.
B	ALL INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL OR CENTERED BETWEEN WALLS UNLESS OTHERWISE NOTED.
C	FURNITURE & EQUIPMENT SHOWN IS FOR REFERENCE ONLY AND IS NOT INCLUDED IN THE CONTRACT.
D	COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS WITH MEP CONSULTANT.
E	FIRE RATED WALLS ARE INDICATED ON THE LIFE SAFETY PLAN.
F	ALL PARTITIONS ARE TYPE "SC" UNLESS NOTED OTHERWISE
G	PROVIDE A CORNER GUARD WHERE SYMBOL IS SHOWN AT A WALL CORNER

RCP GENERAL NOTES	
1.	COORDINATE FINAL LOCATIONS OF CEILING MOUNTED EQUIPMENT W/ OWNER AND ARCHITECT.
2.	SEE M&E DRAWINGS FOR LIGHTING, GRILLS, AND DIFFUSER LOCATIONS.
3.	SUSPENDED ACUSTICAL CEILING TILE GRID IS TO BE CENTERED IN RECTANGULAR ROOM OR CENTERED BETWEEN THE LONGEST WALLS OF IRREGULARLY SHAPED ROOMS UNLESS OTHERWISE NOTED.
4.	VERIFY GYPSUM BOARD CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
5.	CEILING HEIGHTS INDICATED ARE FROM FINISHED FLOOR OF CURRENT LEVEL SHOWN.

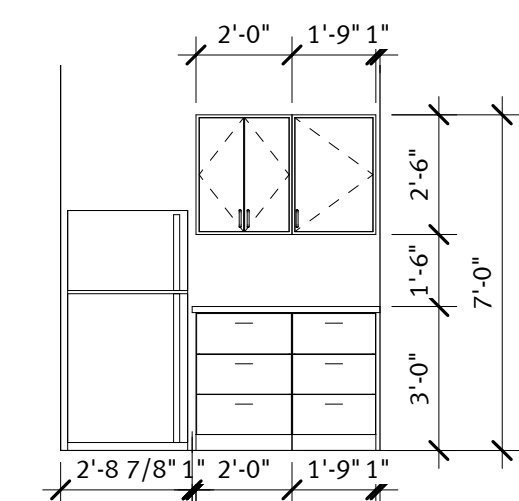


4 LEVEL 1 Amb. Bay RCP
 1/4" = 1'-0"

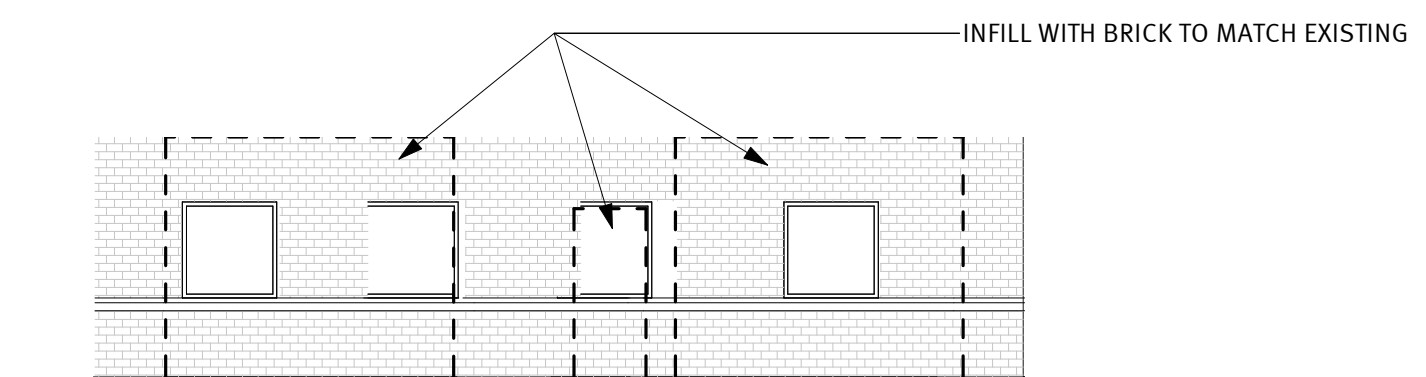


5 BULKHEAD
 1 1/2" = 1'-0"

1 AMBULANCE GARAGE
 1/4" = 1'-0"



2 WORK ROOM N
 1/4" = 1'-0"



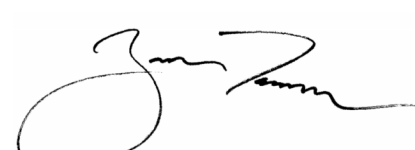
3 ROLLING SERVICE DOOR INFILL
 1/8" = 1'-0"

revision / issue	no.	date

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT #
HHS1102201800141

project #: 022003.00
date: 1/17/2024 8:09:54 AM
drawn by: AUTHOR
checked by: CHECKER

signature: 
printed name: RYAN TURNER, AIA, ACHA, EDAC
reg. #: 14817
sign date: 01/12/2024

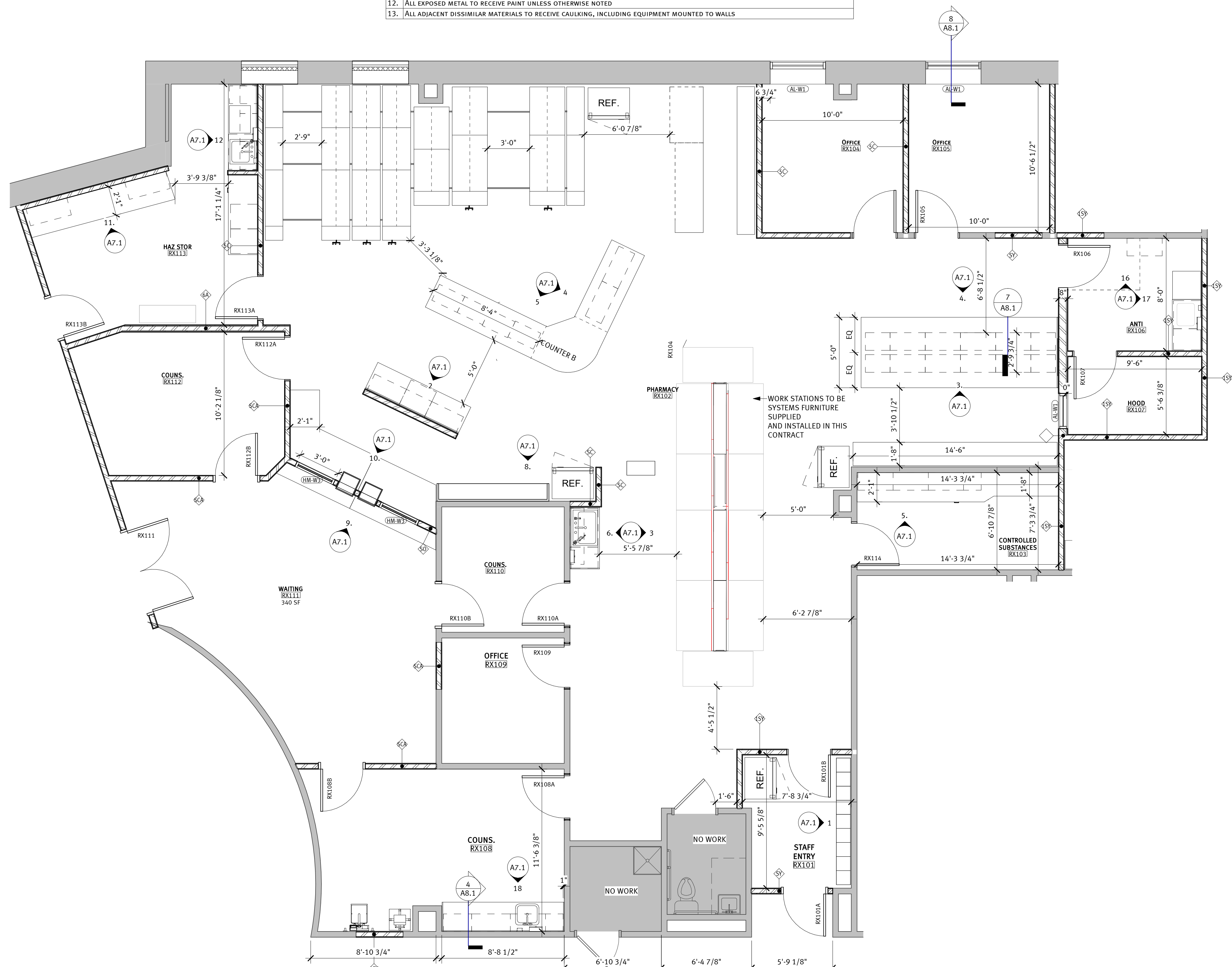
revision / issue	no.	date
ADD	1	2023/07/26

sheet title: PHARMACY

sheet number: **A2.2**

- GENERAL NOTES APPLY TO ALL DRAWING SHEETS.
- REVIEW THE CONSTRUCTION DOCUMENTS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT UPON ENCOUNTERING ANY UNFORESEEN CONDITIONS, DISCREPANCIES, ERRORS, OR INCONSISTENCIES.
- WORK SHALL BE DONE IN ACCORDANCE WITH ALL RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE PROJECT.
- THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES DURING CONSTRUCTION TO MINIMIZE DISTURBANCES TO ADJACENT SPACES AND /OR STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. MAINTAIN ALL REQUIRED EXITS DURING CONSTRUCTION.
- ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER.
- DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS IN THE FIELD FOR ACCURACY PRIOR TO CONSTRUCTION. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF WORK.
- IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON DRAWINGS AND DATA SHOWN IN THE SPECIFICATION, THE WORK OF GREATER QUALITY OR QUANTITY SHALL BE PROVIDED, IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION, AND NO CHANGE IN THE CONTRACT SUM WILL BE PERMITTED. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF LARGER SCOPE. NOTIFY ARCHITECT IF AT ANY TIME AN ERROR OR DISCREPANCY IS DISCOVERED.
- IMMEDIATELY NOTIFY ARCHITECT OF ANY LONG LEAD ITEMS THAT WILL AFFECT THE COMPLETION DATE
- ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE BLOCK TO BE PRESSURE TREATED - TYPICAL.
- PROVIDE METAL BACKING AND / OR TREATED WOOD BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (GRAB BARS, TOILET ROOM ACCESSORIES, TV MOUNTS, HEADWALLS, EQUIPMENT RAILS, ETC.) VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
- PATCH ALL DISTURBED FIREPROOFING AS REQUIRED TO MAINTAIN RATING. REPAIR AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ANY NEW PENETRATIONS REQUIRED BY THE WORK. REFER TO CODE SUMMARY FOR RATINGS.
- ALL EXPOSED METAL TO RECEIVE PAINT UNLESS OTHERWISE NOTED
- ALL ADJACENT DISSIMILAR MATERIALS TO RECEIVE CAULKING, INCLUDING EQUIPMENT MOUNTED TO WALLS

FLOOR PLAN GENERAL NOTES	
A	INTERIOR DIMENSIONS ARE TO FINISHED FACE OF STUD WALL, FACE OF MASONRY WALLS, TO CENTERLINE OF COLUMNS OR TO OTHER GRID POINTS UNLESS OTHERWISE NOTED. DIMENSIONS LABELED AS CLEAR OR CLR INDICATE MINIMUM DISTANCE TO FINISHED FACE OF WALLS. DIMENSIONS ARE TO FINISHED FACE OF EXISTING WALLS IF APPLICABLE.
B	ALL INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL OR CENTERED BETWEEN WALLS UNLESS OTHERWISE NOTED.
C	FURNITURE & EQUIPMENT SHOWN IS FOR REFERENCE ONLY AND IS NOT INCLUDED IN THE CONTRACT.
D	COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS WITH MEP CONSULTANT.
E	FIRE RATED WALLS ARE INDICATED ON THE LIFE SAFETY PLAN.
F	ALL PARTITIONS ARE TYPE "SC" UNLESS NOTED OTHERWISE
G	PROVIDE A CORNER GUARD WHERE SYMBOL IS SHOWN AT A WALL CORNER




1 NEW PHARM.
1/4" = 1'-0"

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT #
HHS1102201800141

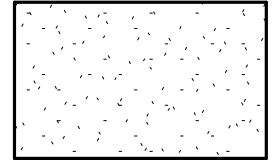
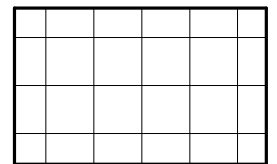
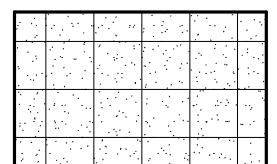
project #: 022003.00
date: 1/17/2024 8:09:55 AM
drawn by: AUTHOR
checked by: CHECKER

signature: 
printed name: RYAN TURNER, AIA, ACHA, EDAC
reg. #: _____
sign date: 01/12/2024

revision / issue	no.	date

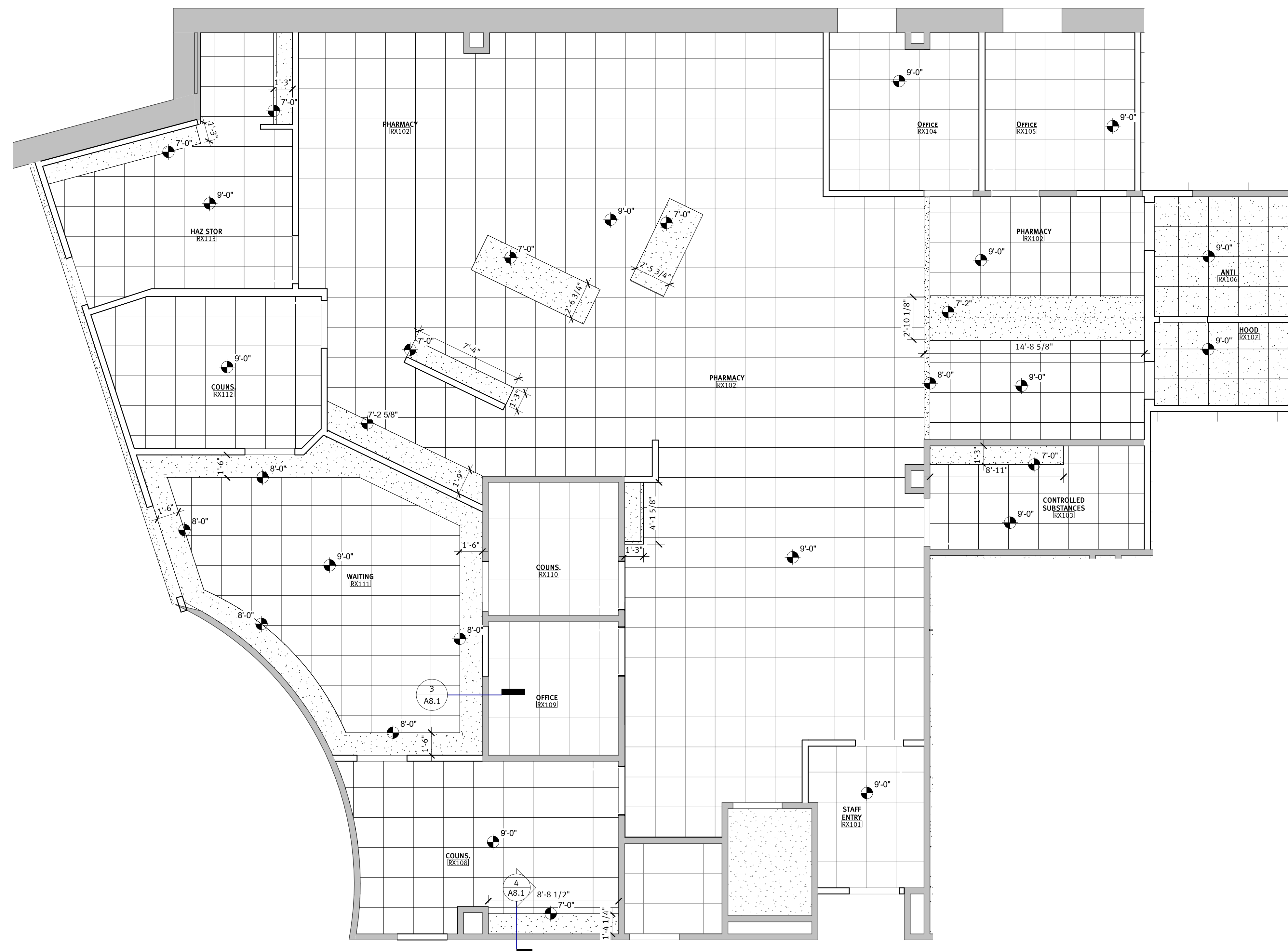
sheet title: FIRST FLOOR RCP
sheet number: **A3.1**

REFLECTED CEILING PLAN LEGEND

-  GYPSUM BOARD
-  SACT-1
2'-0" X 2'-0" SUSPENDED
ACOUSTICAL CEILING TILE
AND GRID
-  SACT-2
WASHABLE 2'-0" X 2'-0"
SUSPENDED ACOUSTICAL
CEILING TILE AND GRID

RCP GENERAL NOTES

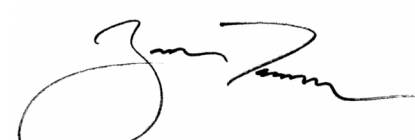
1. COORDINATE FINAL LOCATIONS OF CEILING MOUNTED EQUIPMENT W/ OWNER AND ARCHITECT.
2. SEE M&E DRAWINGS FOR LIGHTING, GRILLS, AND DIFFUSER LOCATIONS.
3. SUSPENDED ACOUSTICAL CEILING TILE GRID IS TO BE CENTERED IN RECTANGULAR ROOM OR CENTERED BETWEEN THE LONGEST WALLS OF IRREGULARLY SHAPED ROOMS UNLESS OTHERWISE NOTED.
4. VERIFY GYPSUM BOARD CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
5. CEILING HEIGHTS INDICATED ARE FROM FINISHED FLOOR OF CURRENT LEVEL SHOWN.



WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262
 IHS PROJECT #
 HHS1102201800141

project #: 022003.00
 date: 1/17/2024 8:09:58 AM
 drawn by: AUTHOR
 checked by: CHECKER

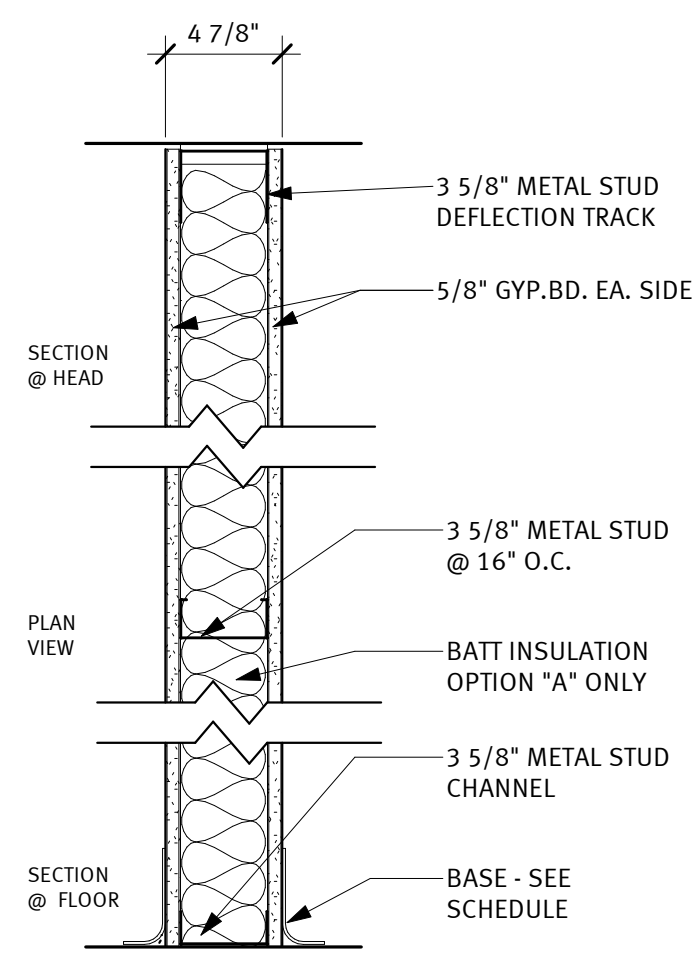
signature: 
 printed name: RYAN TURNER, AIA, ACHA, EDAC
 reg. #: _____
 sign date: 01/12/2024

revision / issue	no.	date
ADD	1	20230726

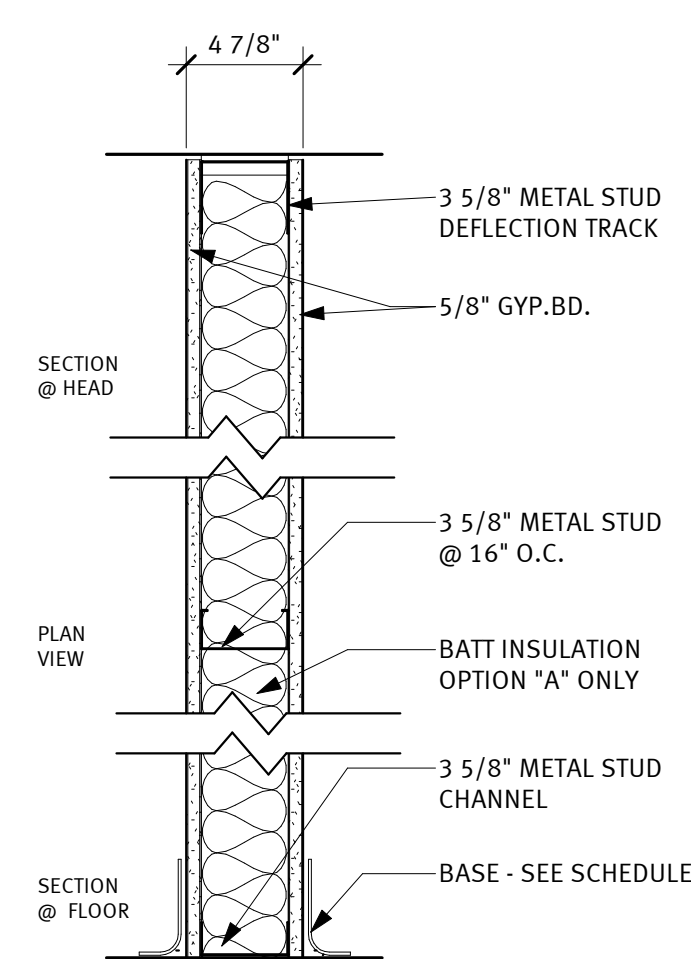
SCHEDULES AND TYPES
 sheet title:
 sheet number:
A4.1

WALL TYPES

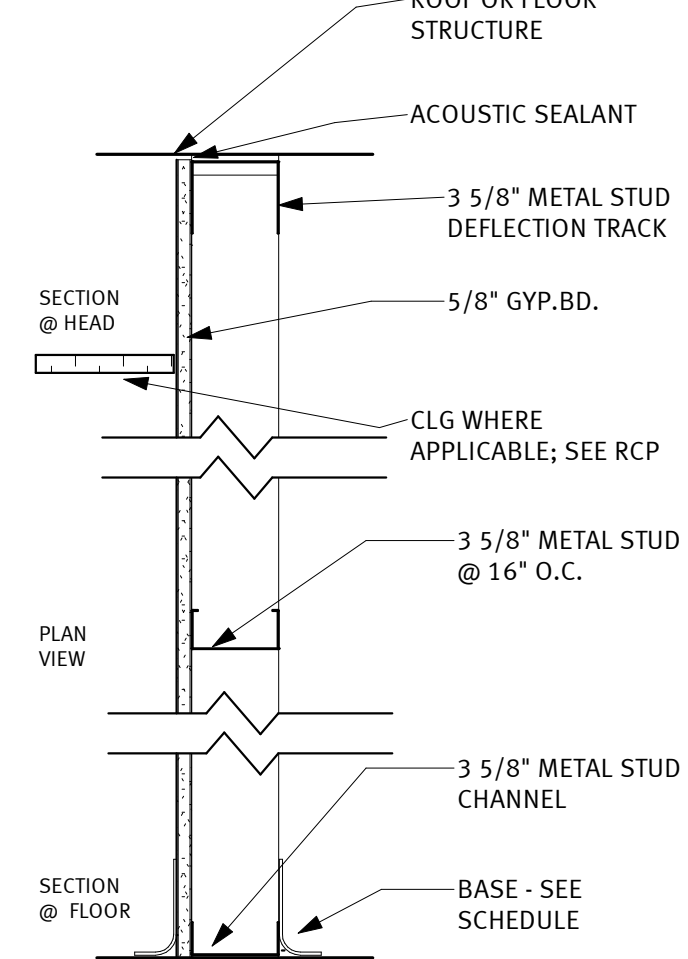
NOTE: ALL WALLS SHALL BE BUILT TO STRUCTURE ABOVE UNLESS OTHERWISE NOTED



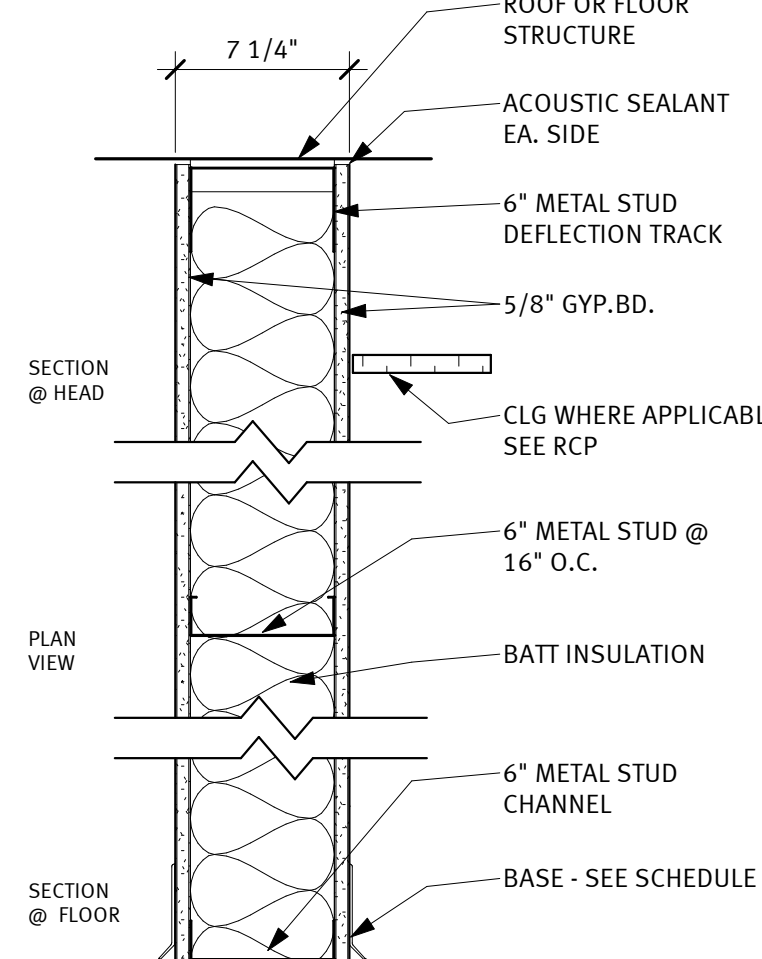
NON-RATED PARTITION



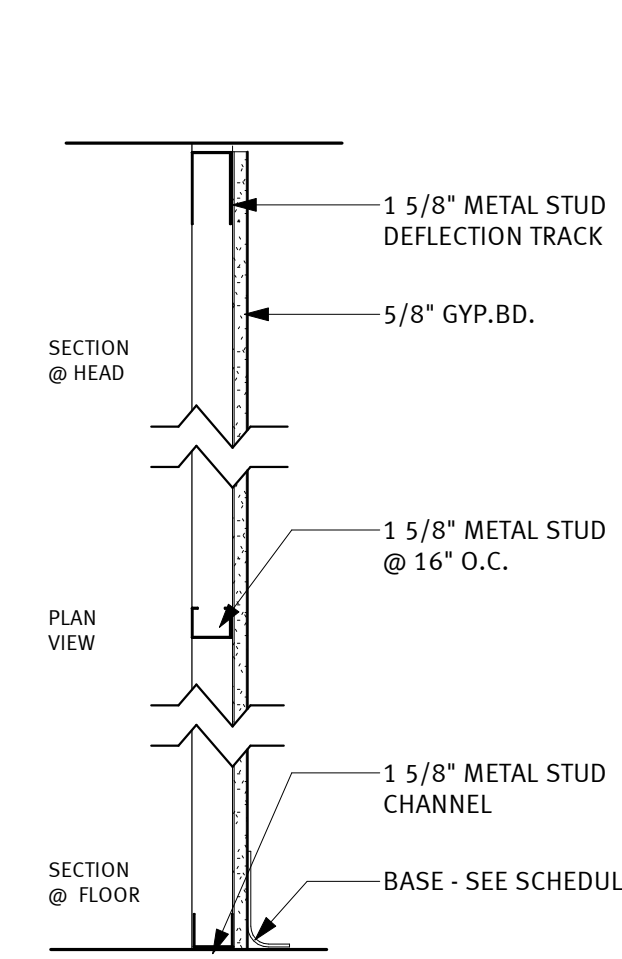
ONE HOUR FIRE RATING
 UL DES NO. U465



OPTION "0" - ONE GWB FACE ONLY



7A METAL STUD WALL TO STRUCTURE



2A FURRING OVER EXISTING WALL TO STRUCTURE

- 5 3.5" METAL STUD AT 1'-3.75" O.C. W/ 1/2" GWB BOTH SIDES TO STRUCTURE
- SC 3.5" METAL STUD AT 1'-3.75" O.C. TO 1/2" ABOVE CEILING W/ 1/8" GWB BOTH SIDES
- SCA 3.5" METAL STUD AT 1'-3.75" O.C. TO 1/2" ABOVE CEILING W/ ACOUSTICAL INSULATION W/ 1/8" GWB BOTH SIDES. PROVIDE ACOUSTICAL INSULATION 2'-0" ON BOTH SIDES OF PARTITION ABOVE CEILING
- SCA 3.5" METAL STUDS AT 1'-3.75" O.C. INSULATION W/ 1/8" GWB BOTH SIDES. PROVIDE ACOUSTICAL INSULATION 2'-0" ON BOTH SIDES OF PARTITION ABOVE CEILING
- 5Y 3.5" METAL STUD AT 1'-3.75" O.C. W/ 1/8" GWB BOTH SIDES TO STRUCTURE. DIAMOND SECURITY MESH ATTACHED TO ONE SIDE OF STUD.
- 15Y 3.5" METAL STUD AT 1'-3.75" O.C. W/ ACOUSTICAL INSULATION W/ 1/8" GWB BOTH SIDES TO STRUCTURE. DIAMOND SECURITY MESH ATTACHED TO ONE SIDE OF STUD.
- 15YA 6" METAL STUDS AT 1'-3.75" O.C. W/ ACOUSTICAL INSULATION W/ 1/8" GWB BOTH SIDES TO STRUCTURE. DIAMOND SECURITY MESH ATTACHED TO ONE SIDE OF STUD.

- 15SA 3.5" METAL STUDS AT 1'-3.75" O.C. W/ 1/8" FR GWB BOTH SIDES W/ ACOUSTICAL INSULATION TO SECURE
- 15SY 3.62" METAL STUDS AT 1'-3.75" O.C. W/ 1/8" FR GWB BOTH SIDES TO STRUCTURE WITH DIAMOND SECURITY MESH ATTACHED TO ONE SIDE OF STUD
- 50 3.5" METAL STUDS AT 1'-3.75" O.C. W/ 1/8" FR GWB ONE FACE ONLY

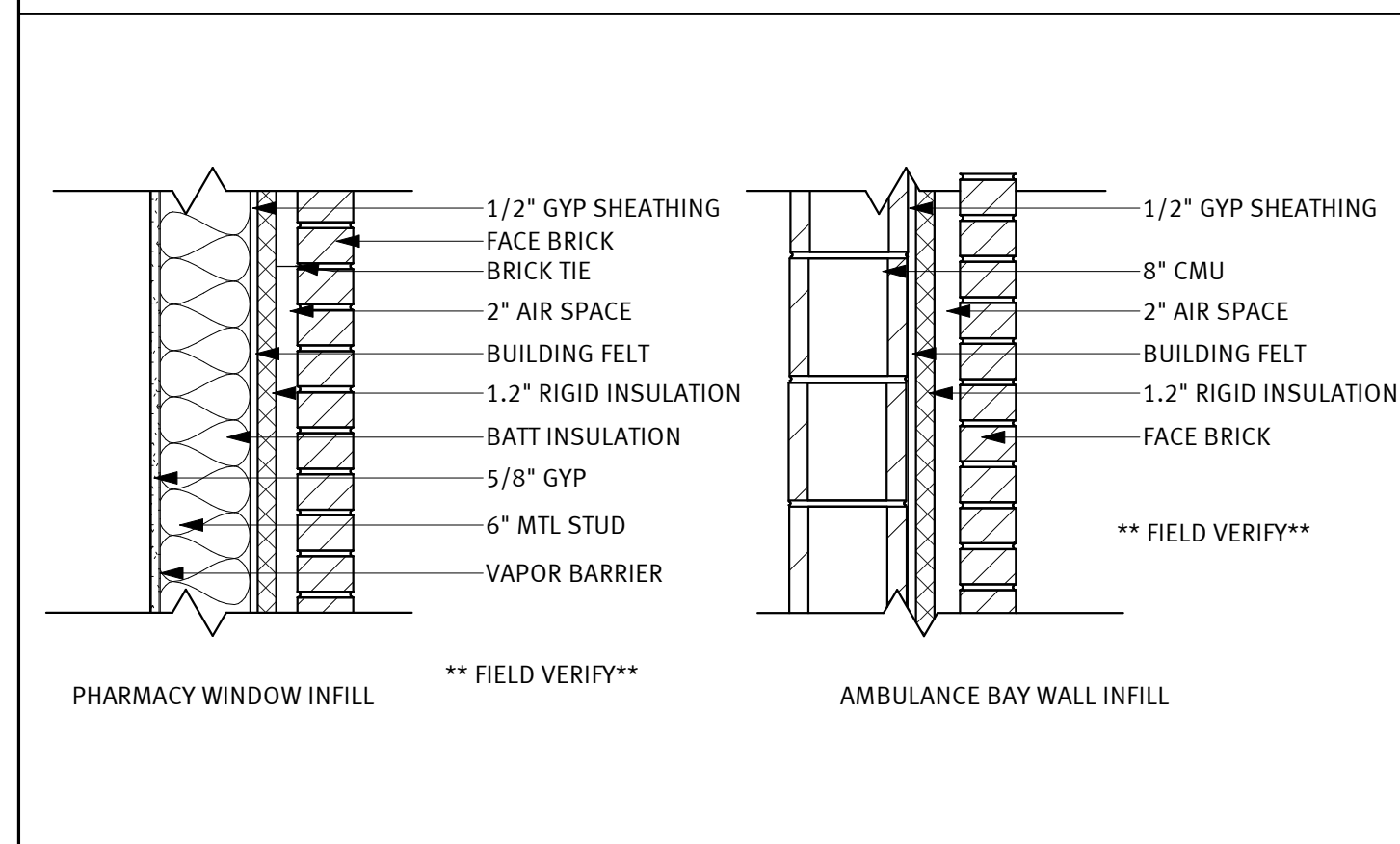
PHARMACY ROOM FINISH SCHEDULE

NO.	NAME	FLOOR		WALL FINISH				CEILING		NOTES
		FINISH	BASE	NORTH	EAST	SOUTH	WEST	MAT'L	FINISH	
RX101	STAFF ENTRY	SV	COVE	PNT-3	PNT-3	PNT-3	PNT-3	SACT		
RX102	PHARMACY	SV	COVE	PNT-1	PNT-1	PNT-1	PNT-1	SACT		
RX103	CONTROLLED SUBSTANCES	SV	COVE	PNT-1	PNT-1	PNT-1	PNT-1	SACT		
RX104	OFFICE	VCT-1	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
RX105	OFFICE	VCT-1	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
RX106	ANTI	SV	COVE	PNT-1	PNT-1	PNT-1	PNT-1	SACT	WASHABLE	
RX107	HOOD	SV	COVE	PNT-1	PNT-1	PNT-1	PNT-1	SACT	WASHABLE	
RX108	COUNS.	SV	COVE	PNT-3	PNT-3	PNT-3	PNT-3	SACT		
RX109	OFFICE	VCT-1	RBR	PNT-2	PNT-2	PNT-2	PNT-2	SACT		
RX110	COUNS.	SV	COVE	PNT-3	PNT-3	PNT-3	PNT-3	SACT		
RX111	WAITING	VCT-1	RBR	PNT-3/VWC	PNT-3/VWC	PNT-3/VWC	PNT-3/VWC	SACT		
RX112	COUNS.	SV	COVE	PNT-3	PNT-3	PNT-3	PNT-3	SACT		
RX113	HAZ STOR	SV	COVE	PNT-1	PNT-1	PNT-1	PNT-1	SACT		

DOOR AND FRAME SCHEDULE - PHARMACY

NO.	DOOR			FRAME			FIRE LABEL	HDW. NO.	NOTES
	WIDTH	HEIGHT	TYPE	TYPE	HEAD	JAMB			
RX101A	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1	--	02	
RX101B	3'-0"	7'-0"	D	HM-F1	1/A4.1	2/A4.1	--	08	
RX104	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	04	
RX105	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	04	
RX106	3'-0"	7'-0"	D	HM-F1	1/A4.1	2/A4.1	--	01	
RX107	3'-0"	7'-0"	D	HM-F1	1/A4.1	2/A4.1	--	01	
RX108A	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	02	
RX108B	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1	--	05	
RX109	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	04	
RX110A	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	02	
RX110B	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1	--	03	
RX111	6'-0"	7'-0"	C	HM-F1	1/A4.1	2/A4.1	--	09	
RX112A	3'-0"	7'-0"	B	HM-F1	1/A4.1	2/A4.1	--	02	
RX112B	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1	--	06	
RX113A	3'-0"	7'-0"	D	HM-F1	1/A4.1	2/A4.1	--	07	
RX113B	3'-0"	7'-0"	A	HM-F1	1/A4.1	2/A4.1	--	07	
RX114	3'-0"	7'-0"	D	HM-F1	1/A4.1	2/A4.1	--	02	

EXTERIOR WALL ASSEMBLIES

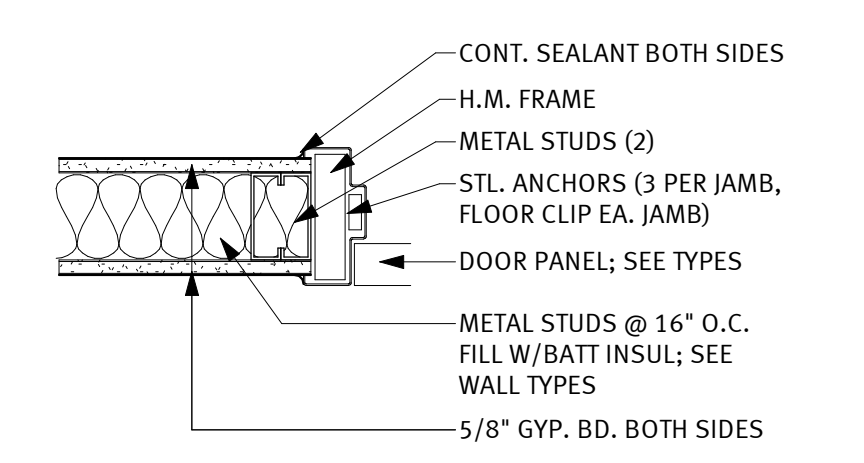
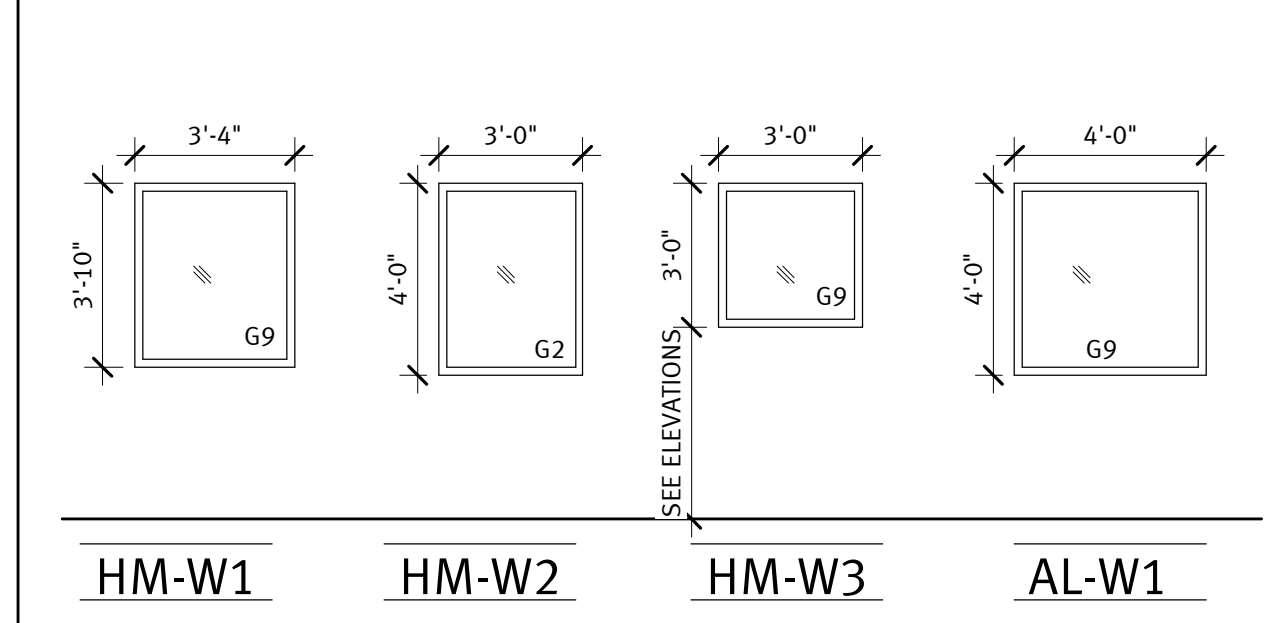


GLAZING TYPES

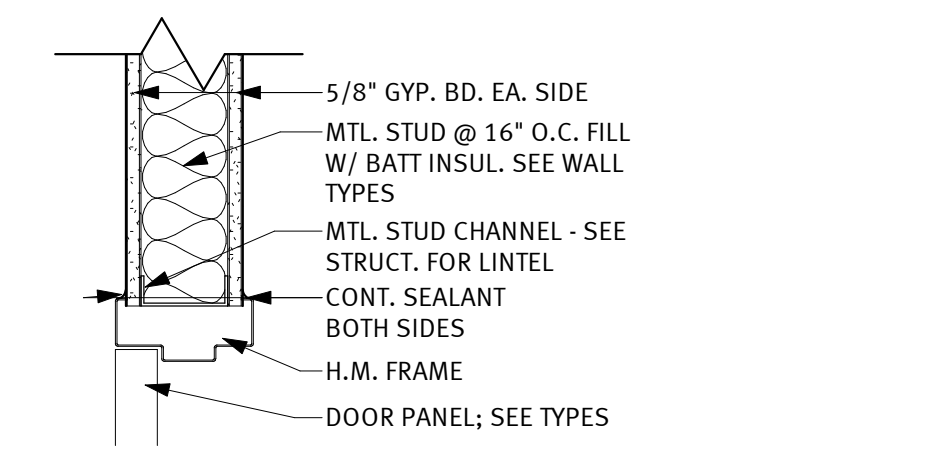
- G2: 1/4" TEMPERED, CLEAR GLAZING
- G9: BALLISTIC GLAZING

WINDOW TYPES

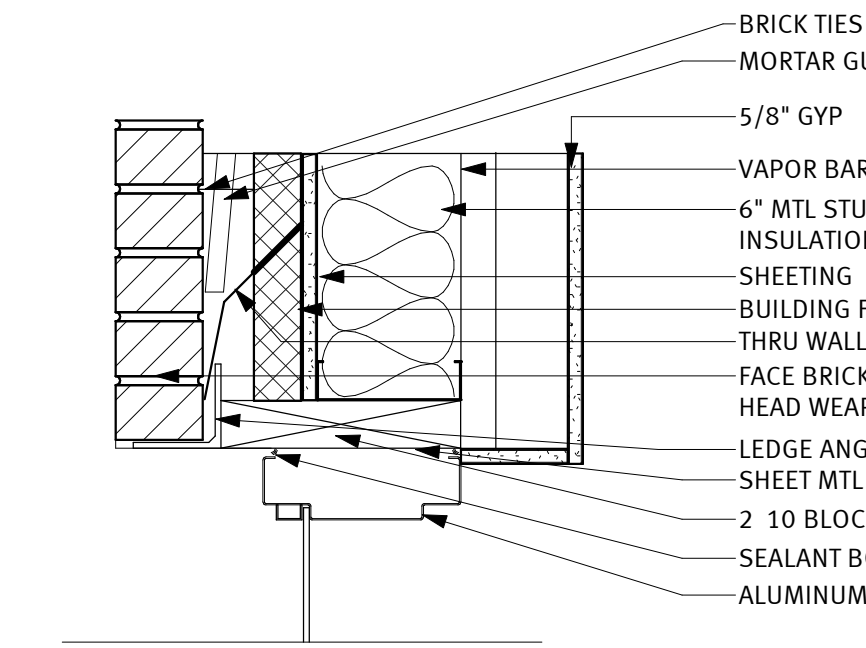
FRAME WIDTH IS 2" UNLESS OTHERWISE DIMENSIONED. FRAME DEPTH TO MATCH WALL THICKNESS PER INDUSTRY STANDARDS UNLESS OTHERWISE NOTED. SEE DETAILS.



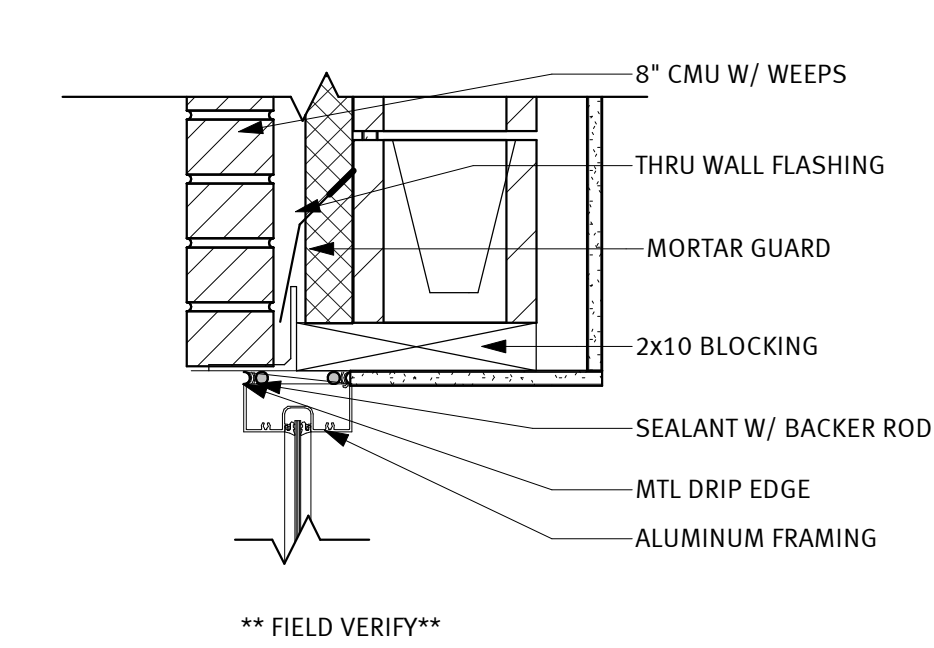
2 HM DOOR JAMB @ METAL STUD WALL
 1 1/2" = 1'-0"



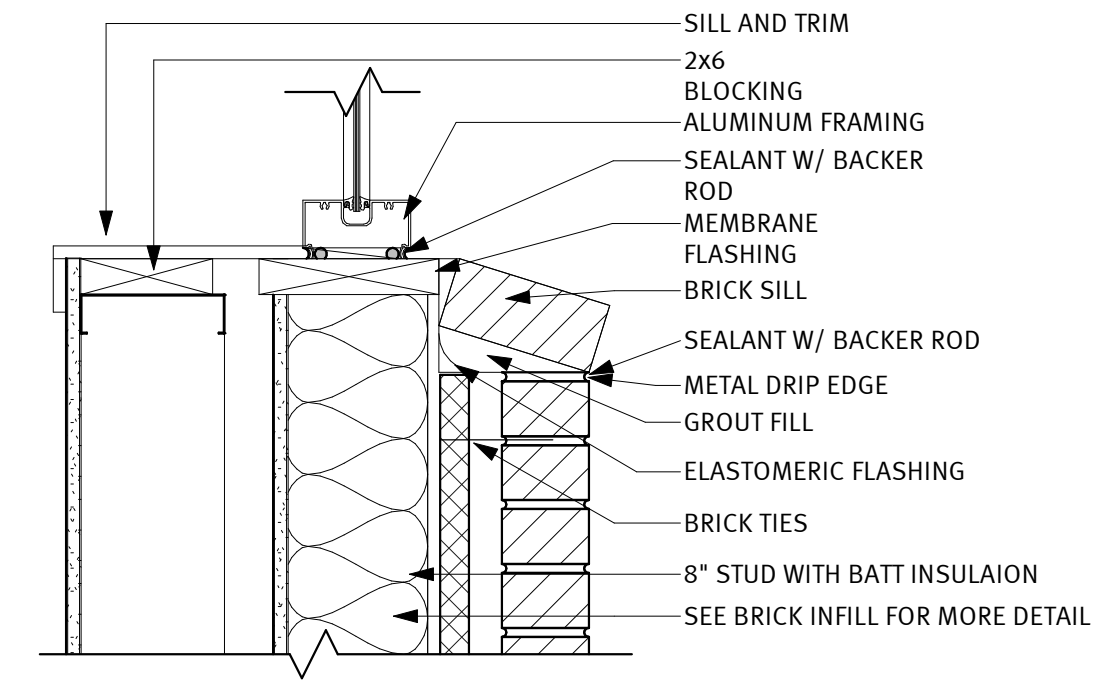
1 HM DOOR HEAD @ METAL STUD WALL
 1 1/2" = 1'-0"



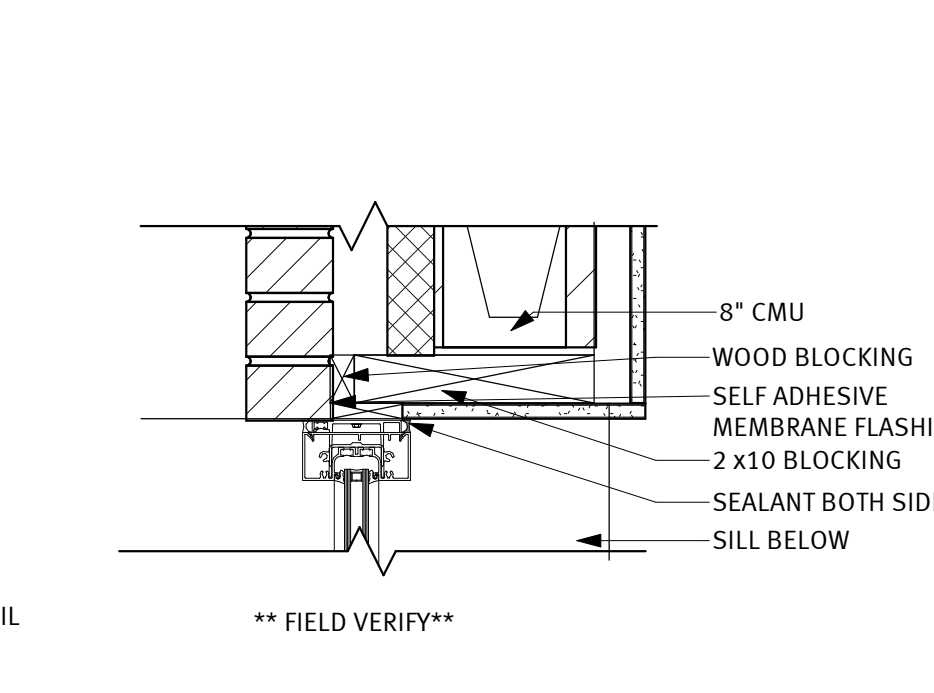
3 HEAD DETAIL @ BRICK ** FIELD VERIFY**
 1 1/2" = 1'-0"



5 HEAD DETAIL @ CMU ** FIELD VERIFY**
 1 1/2" = 1'-0"



4 SILL DETAIL @ BRICK ** FIELD VERIFY**
 1 1/2" = 1'-0"

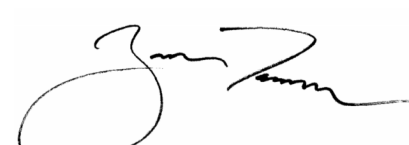


6 JAMB DETAIL @ CMU ** FIELD VERIFY**
 1 1/2" = 1'-0"

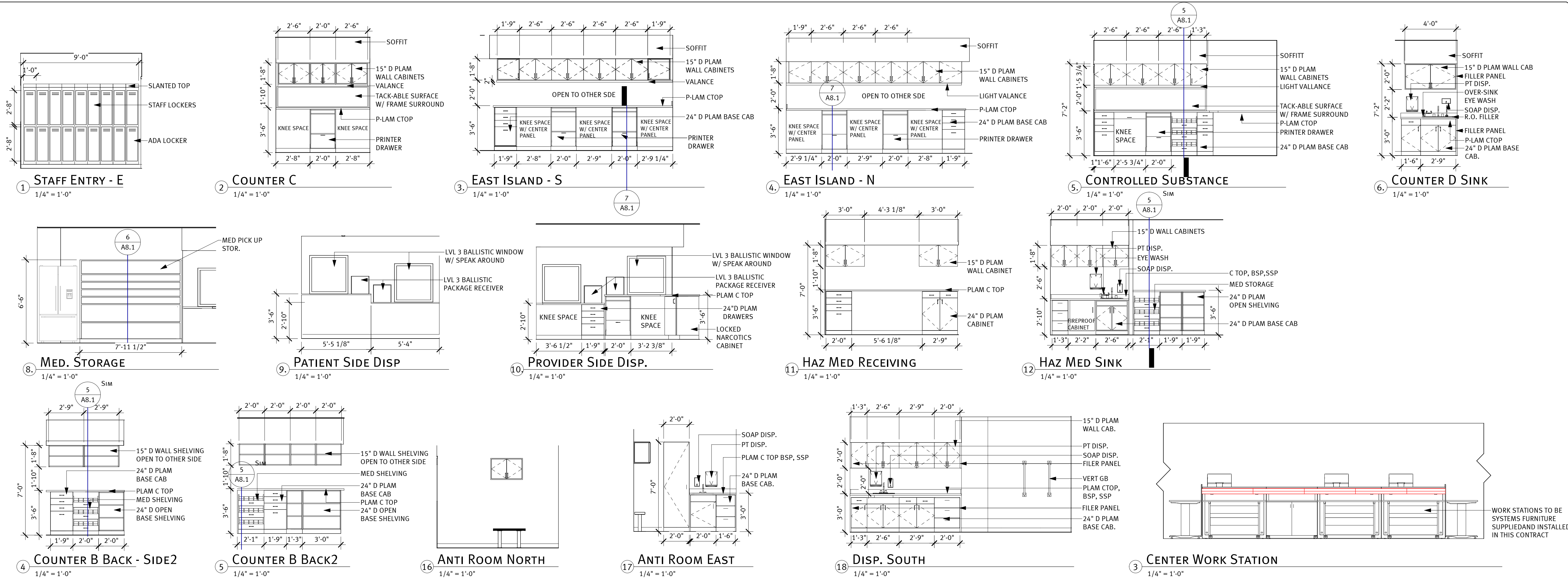
WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT #
HHS1102201800141

project #: 022003.00
date: 1/17/2024 8:10:02 AM
drawn by: AUTHOR
checked by: CHECKER

signature: 
printed name: RYAN TURNER, AIA, ACHA, EDAC
reg. #: 14817
sign date: 01/12/2024

revision / issue	no.	date
ADD	1	20230726



WORK STATIONS TO BE SUPPLIED AND INSTALLED IN THIS CONTRACT

WOODROW WILSON KEEBLE MEMORIAL HEALTH CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262
IHS PROJECT #
HHS102201800141

project #: 022003.00

date: 1/17/2024 8:10:04 AM

drawn by: AUTHOR

checked by: CHECKER

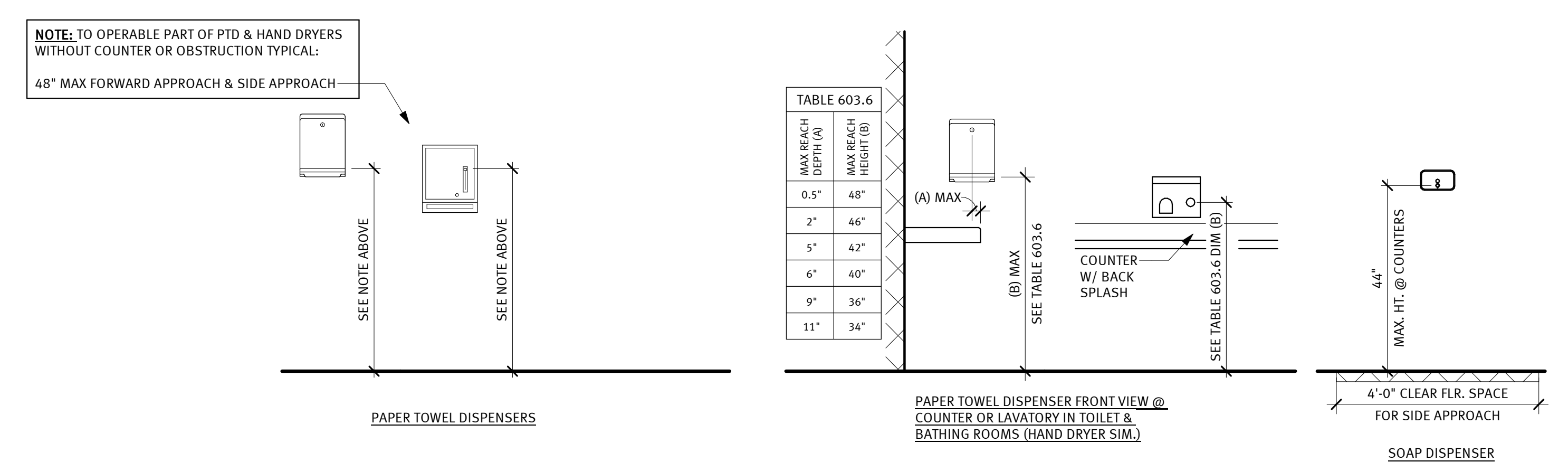
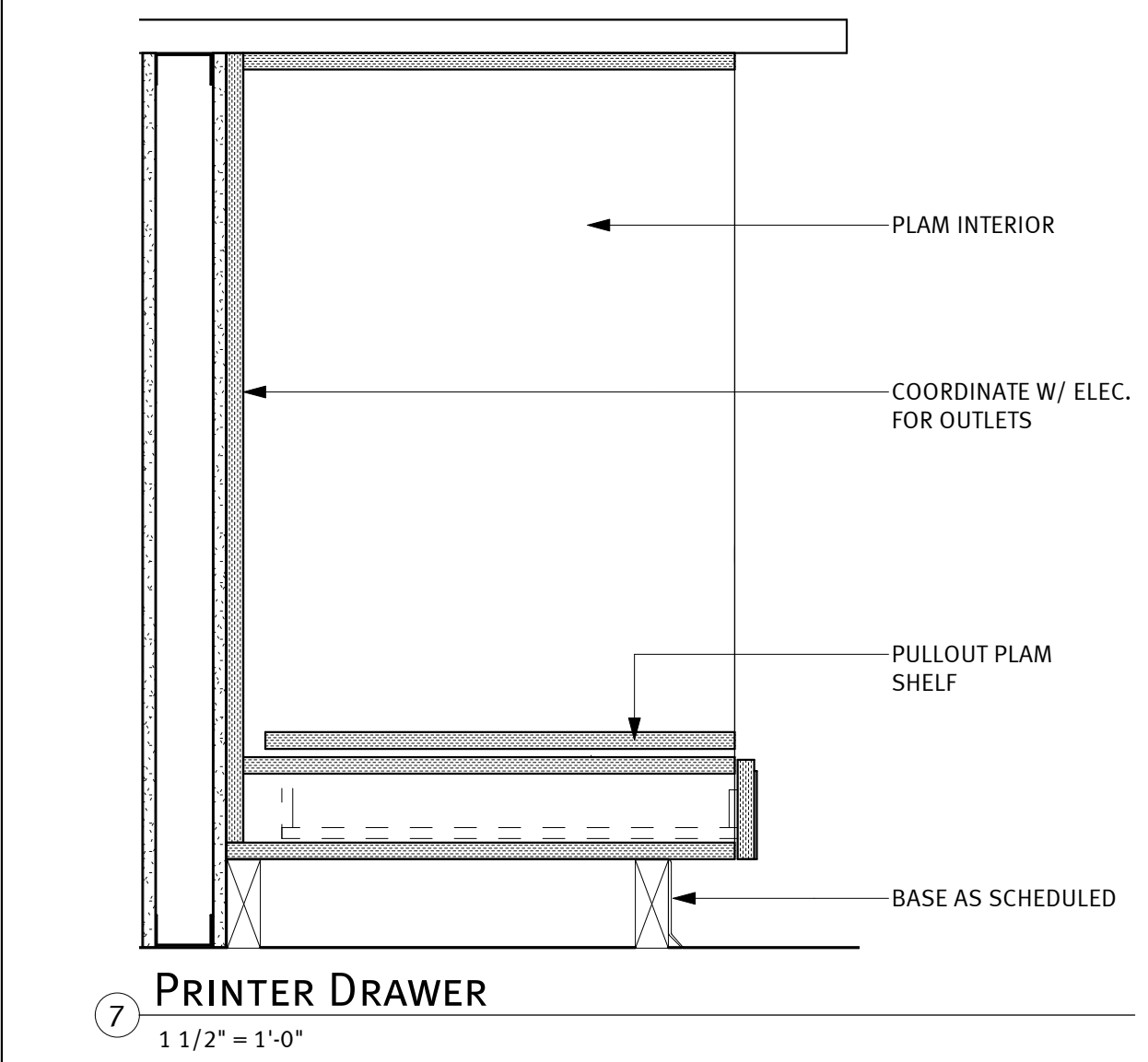
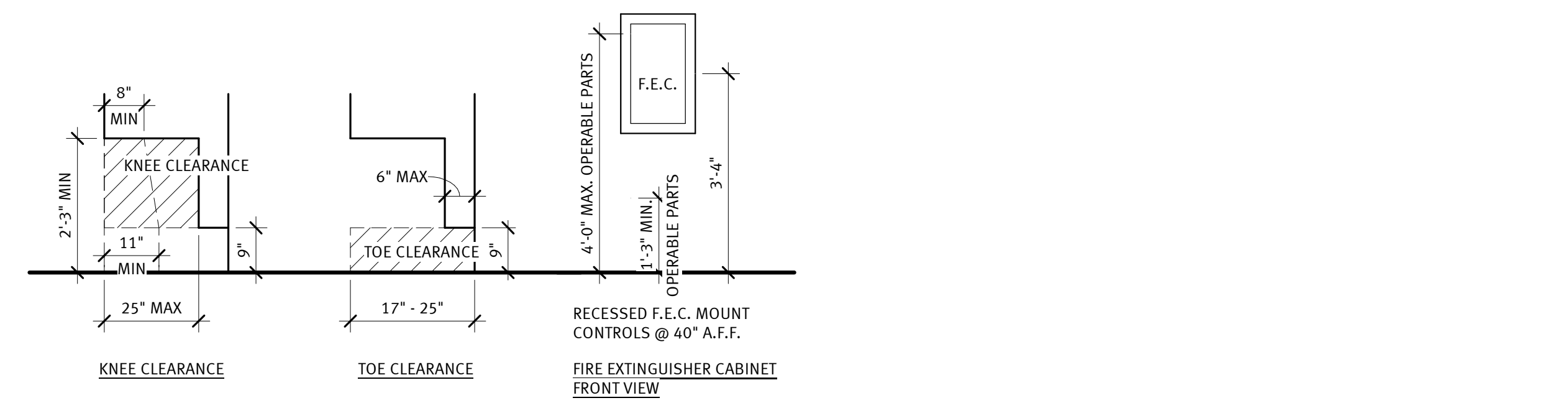
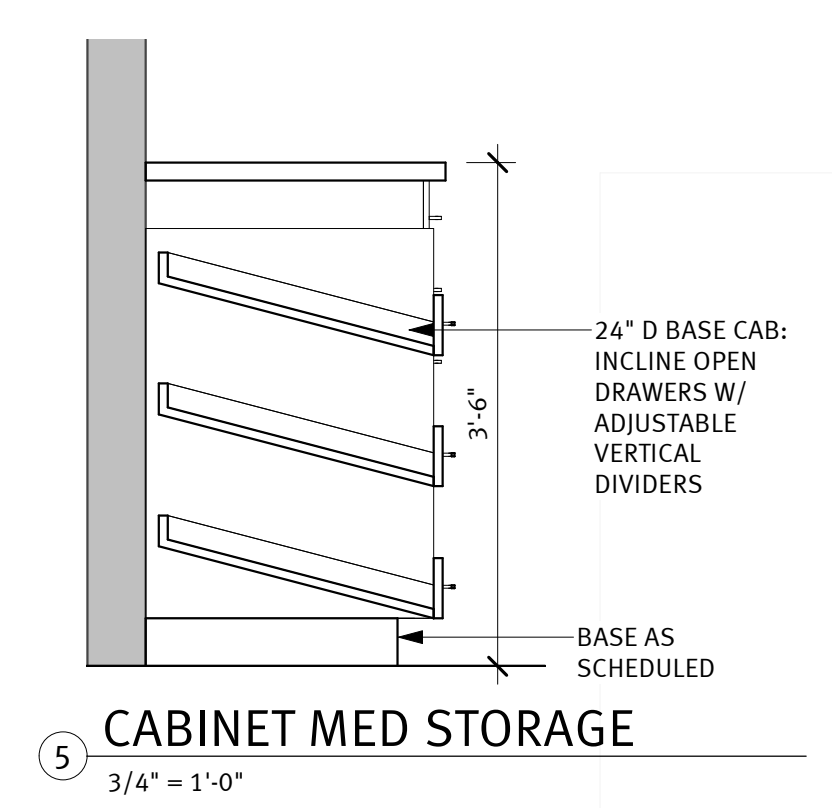
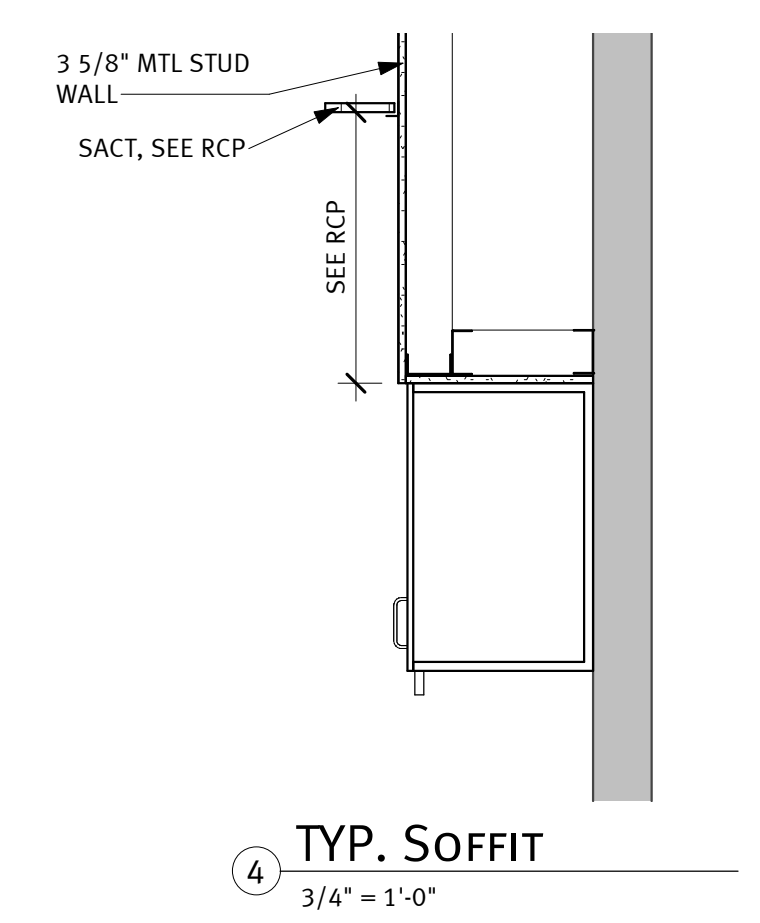
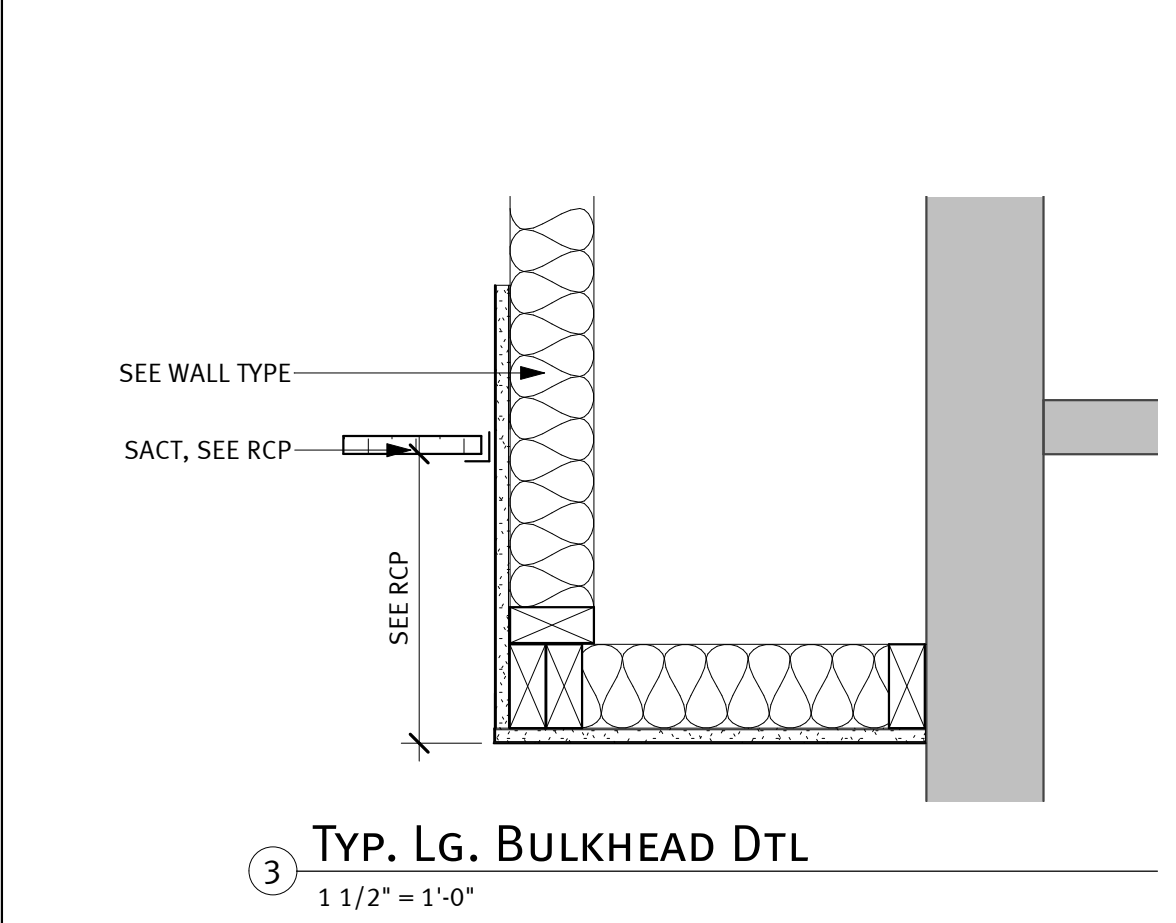
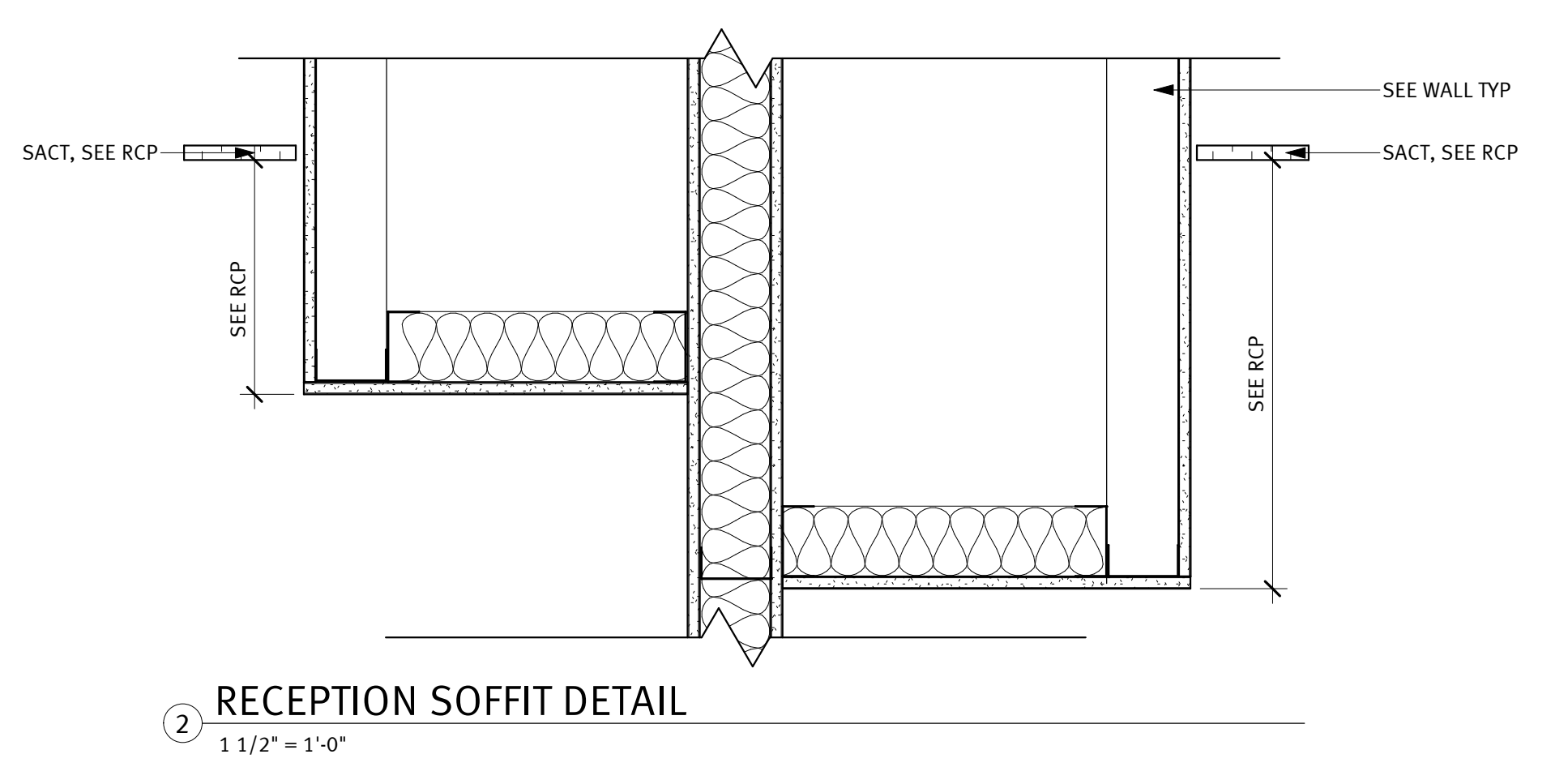
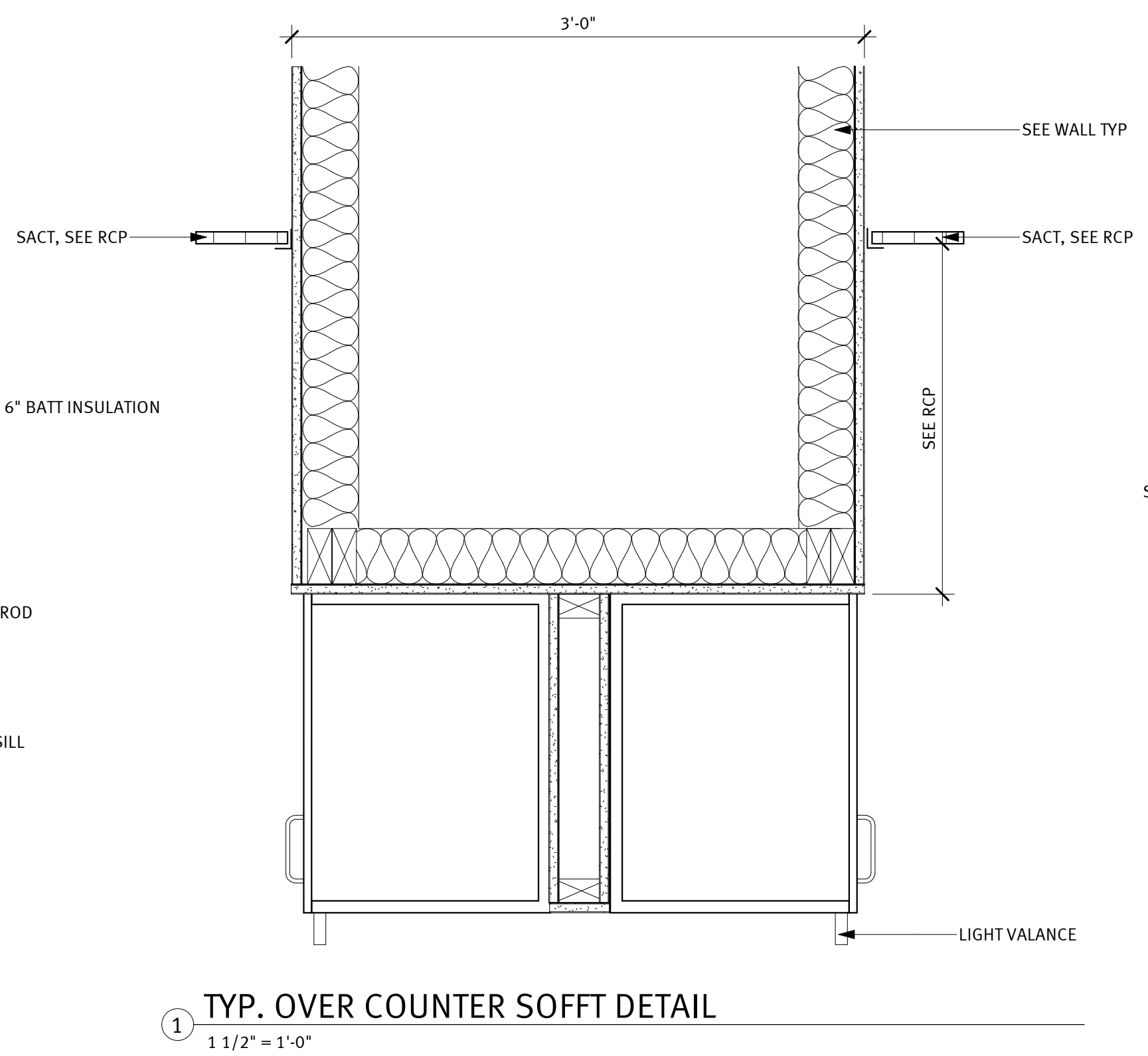
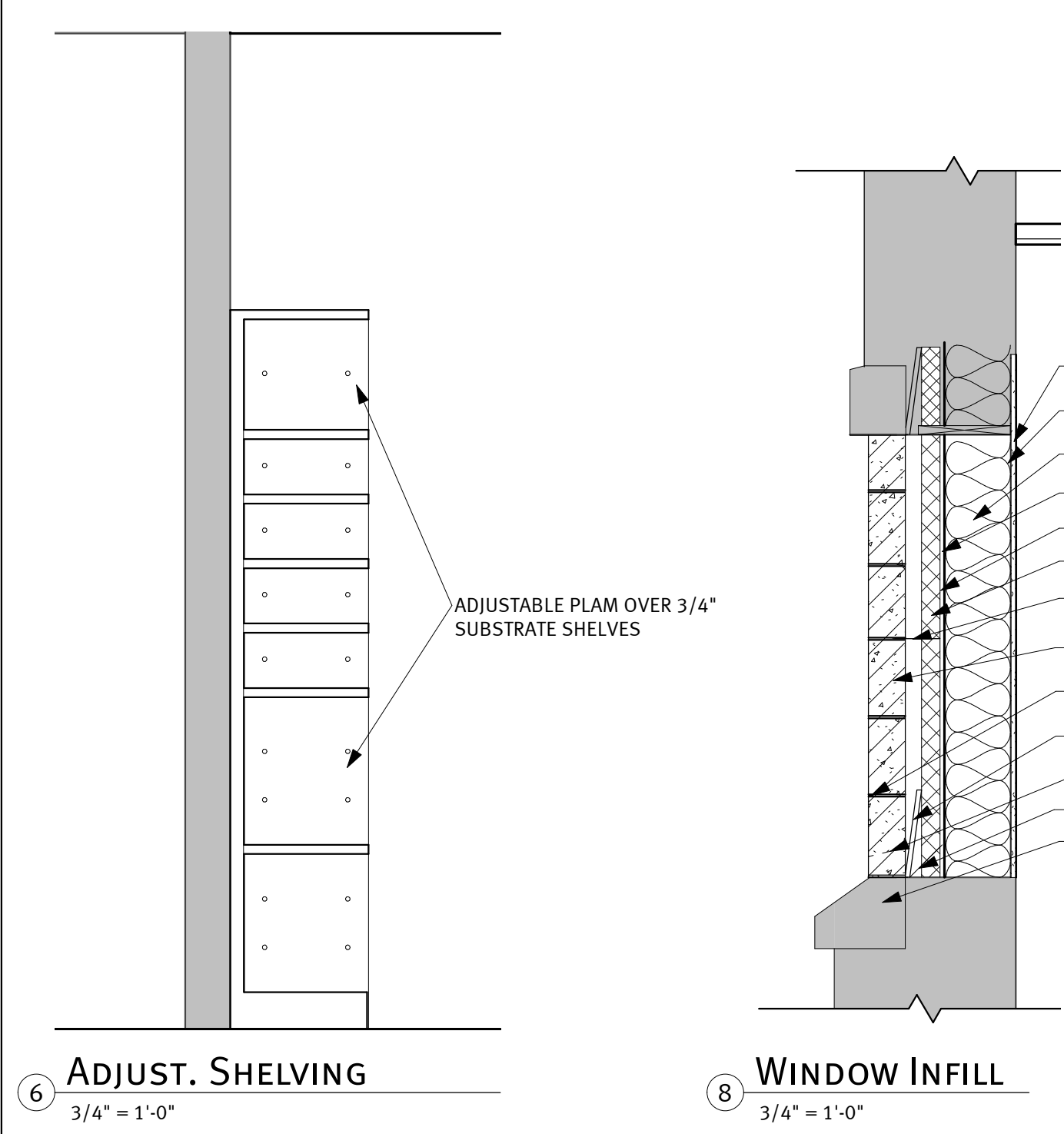
signature:

printed name: RYAN TURNER, AIA, ACHA, EDAC

reg. #: 14817

sign date: 01/12/2024

revision / issue	no.	date
ADD	1	20230726



TYPICAL FIXTURES AND ACCESSORIES MOUNTING HEIGHTS

○ FIXTURE MOUNTING HEIGHTS
1/2" = 1'-0"

sheet title: DETAILS

sheet number: **A8.1**

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262


project #: 020053.00

date: 07/22/2022

drawn by: AE

checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: 
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56031 (507) 625-7869

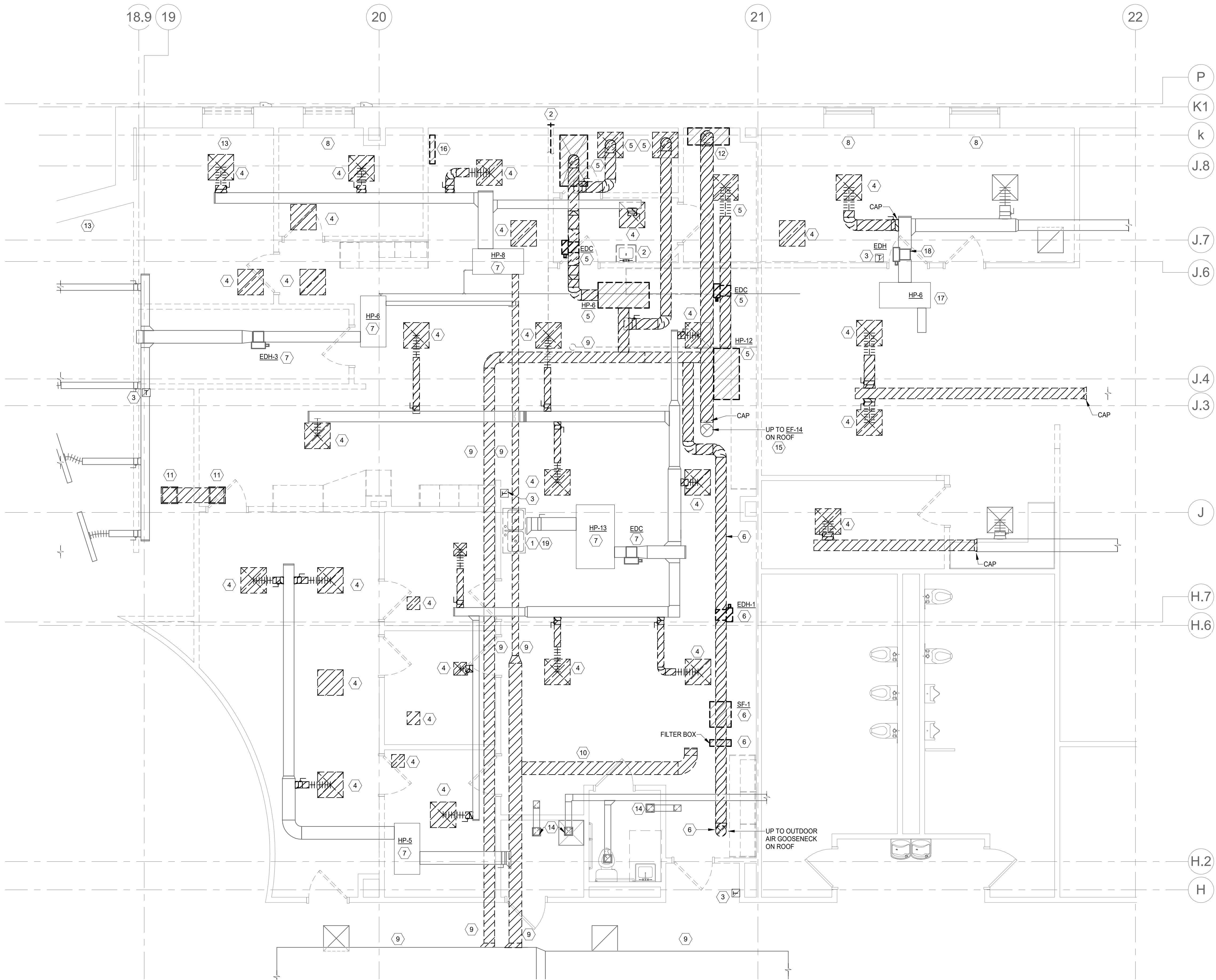
revision / issue	no.	date

PHARMACY - MECHANICAL DEMOLITION

sheet number: **M1.1**

- GENERAL NOTES**
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. FIELD VERIFY LOCATIONS AND SIZES OF DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED.
 - NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - CUT AND PATCH EXISTING SURFACES (WALLS, FLOORS, AND/OR CEILINGS) AS REQUIRED TO PERFORM WORK. PATCHING SHALL MATCH SURROUNDING SURFACES.
 - DISCONNECTED EQUIPMENT SHALL BE REMOVED. NO EQUIPMENT SHALL BE ABANDONED IN PLACE.

- PLAN NOTES**
- DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE, VERIFY EXISTING LOCATION. REFER TO SHEET M3.1 FOR NEW WORK.
 - DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE AND HOT AND COLD WATER BACK TO MAINS. VERIFY EXISTING LOCATIONS. REFER TO SHEET M3.1 FOR NEW WORK.
 - DISCONNECT EXISTING TEMPERATURE SENSOR. REFER TO SHEET M4.1 FOR NEW WORK.
 - DISCONNECT AND REMOVE EXISTING GRILLE, REGISTER, DIFFUSER AND FLEX DUCT. ASSOCIATED DUCTWORK TO REMAIN. REFER TO SHEET M5.1 FOR NEW WORK. SEAL UNUSED DUCT OPENINGS AT MAINS AIR TIGHT.
 - DISCONNECT AND REMOVE EXISTING HEAT PUMP AND ASSOCIATED ELECTRICAL, DUCT COIL, DUCTS, GRILLES, REGISTERS, DIFFUSERS, AND BRANCH PIPING. REFER TO SHEET M4.1 AND M5.1 FOR NEW WORK.
 - DISCONNECT AND REMOVE EXISTING ELECTRICAL DUCT COIL, IN-LINE SUPPLY FAN, FILTER BOX AND ASSOCIATED DUCTWORK. PATCH ROOF OPENING.
 - EXISTING HEAT PUMP, ELECTRIC DUCT COIL AND ASSOCIATED DUCTWORK AND PIPING TO REMAIN.
 - ELECTRIC BASEBOARD TO REMAIN.
 - DISCONNECT AND REMOVE EXISTING OUTDOOR AIR DUCTS AND CAP BRANCH CONNECTIONS AT MAIN. REFER TO SHEET M5.1 FOR NEW WORK.
 - DISCONNECT EXISTING OUTDOOR AIR DUCT.
 - DISCONNECT AND REMOVE EXISTING TRANSFER DUCT.
 - DISCONNECT AND REMOVE EXISTING EXHAUST DUCT AND ASSOCIATED HANGERS AND SUPPORT BACK TO MAIN DUCT THRU THE ROOF AND CAP. HOOD WILL BE REMOVED BY OTHERS. REFER TO SHEET M5.1 FOR NEW WORK.
 - DISCONNECT AND REMOVE EXISTING BASEBOARD AND CONTROLS.
 - EXISTING TRANSFER GRILLE AND ASSOCIATED DUCT TO REMAIN.
 - DISCONNECT AND REMOVE EXHAUST FAN ON THE ROOF. PROTECT ROOF CURB FOR REUSE. REFER TO SHEET M5.1 FOR NEW WORK.
 - DISCONNECT AND REMOVE EXISTING CABINET UNIT HEATER.
 - VERIFY EXISTING HEAT PUMP LOCATION. RELOCATE EXISTING HEAT PUMP IF PRESENT LOCATION CONFLICTS WITH NEW INTERIOR PARTITION. COORDINATE RELOCATION WITH ARCHITECT AND OWNER.
 - VERIFY EXISTING ELECTRIC DUCT HEATER LOCATION. RELOCATE EXISTING DUCT HEATER IF PRESENT LOCATION CONFLICTS WITH NEW INTERIOR PARTITION. COORDINATE RELOCATION WITH ARCHITECT AND OWNER.
 - DISCONNECT EXISTING REVERSE OSMOSIS WATER CONDITIONING EQUIPMENT AND PROTECT FOR REINSTALLATION. REFER TO SHEET M3.1 FOR NEW WORK.



1 Pharmacy - Mechanical Demolition
1/4" = 1'-0"



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

- GENERAL NOTES**
- A. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. FIELD VERIFY LOCATIONS AND SIZES OF DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED.
 - B. NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - C. CUT AND PATCH EXISTING SURFACES (WALLS, FLOORS, AND/OR CEILINGS) AS REQUIRED TO PERFORM WORK. PATCHING SHALL MATCH SURROUNDING SURFACES.
 - D. DISCONNECTED EQUIPMENT SHALL BE REMOVED. NO EQUIPMENT SHALL BE ABANDONED IN PLACE.

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

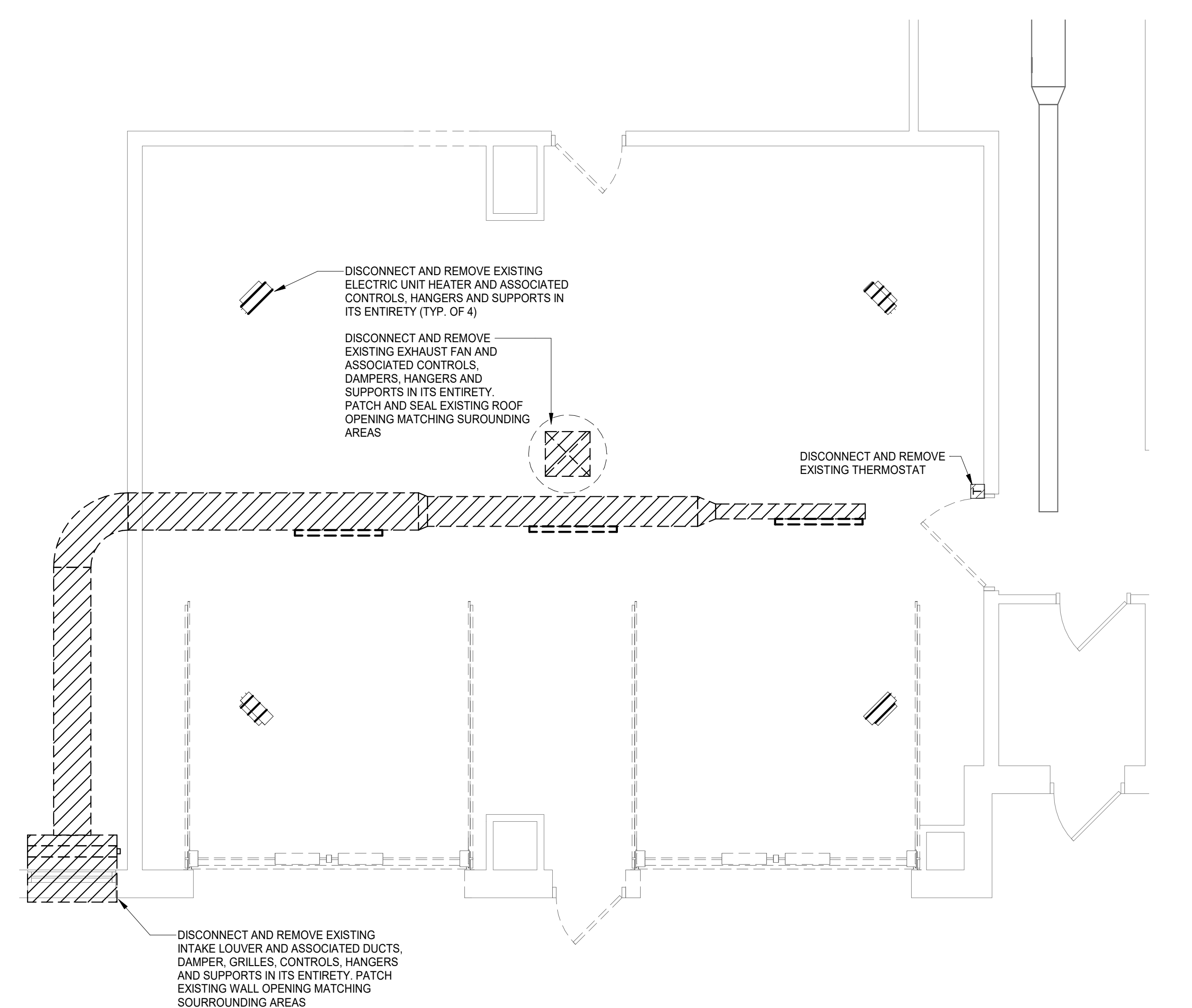
signature: *Mike Dolejs*
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | marquette

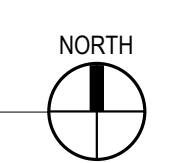
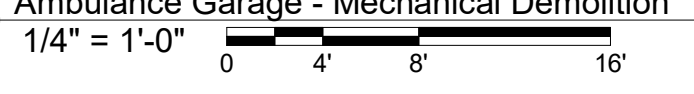
1112 North 5th Street Minneapolis, MN 55411 (612) 343-8965
1624 North Riverfront Drive Marquette, MN 56001 (507) 625-7869

revision / issue	no.	date

AMBULANCE GARAGE - MECHANICAL DEMOLITION
sheet title:
sheet number: **M1.2**



1 M1.2 Ambulance Garage - Mechanical Demolition
1/4" = 1'-0"




WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: 
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56001 (507) 625-7869

revision / issue	no.	date

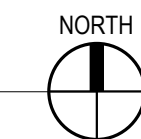
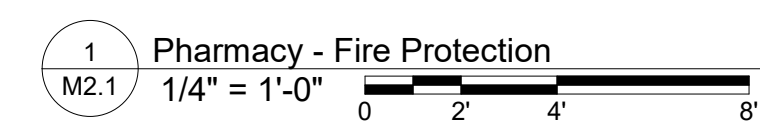
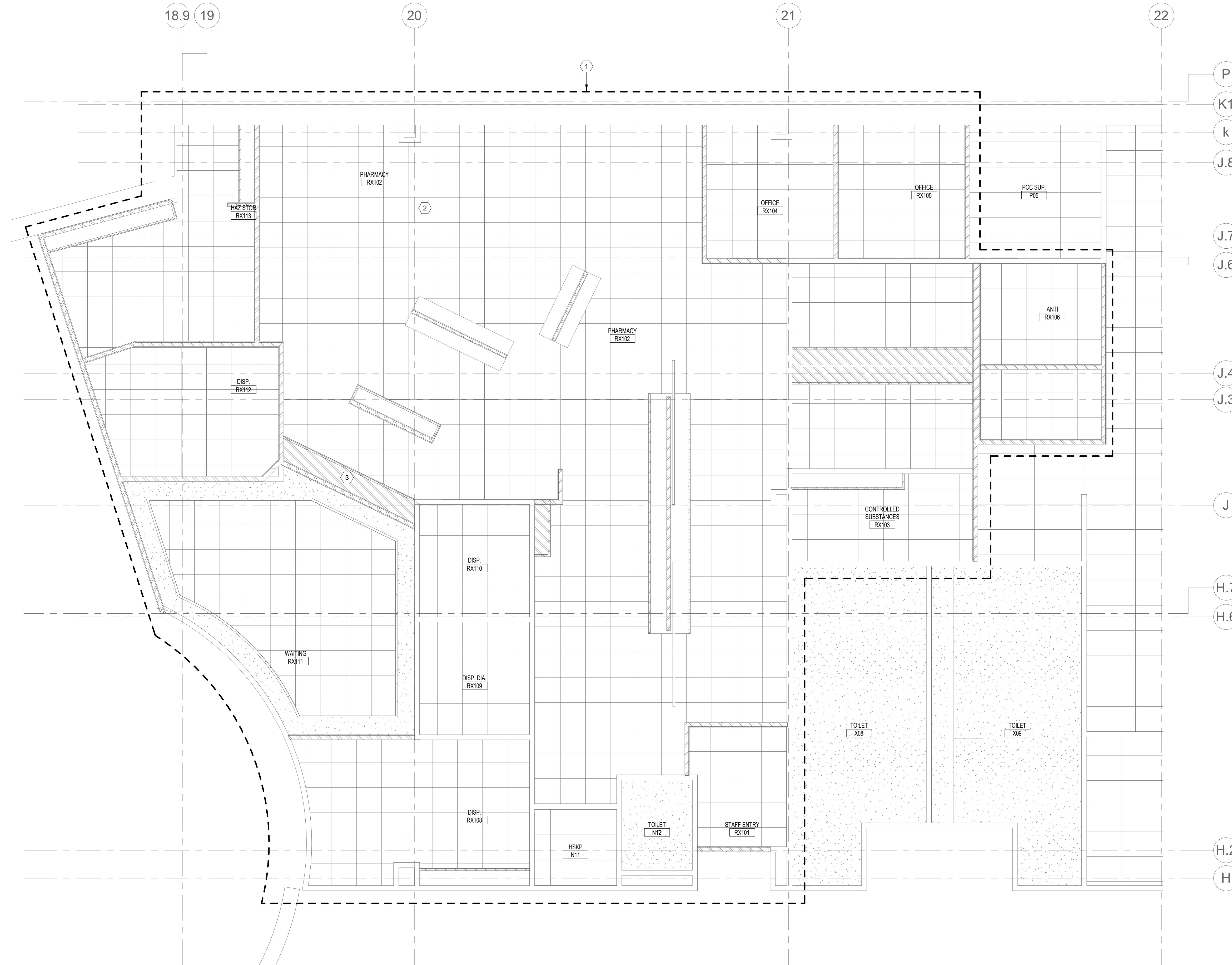
sheet title: PHARMACY - FIRE PROTECTION
sheet number: **M2.1**

GENERAL NOTES

- THIS DRAWING IS A BID DOCUMENT AND IS NOT A DESIGN DRAWING. CONFIRMATION OF FINAL DESIGN VIA SHOP DRAWINGS, HYDRAULIC CALCULATIONS, PRODUCT SUBMITTALS, ETC. IS THE SOLE RESPONSIBILITY OF THE FIRE PROTECTION DESIGN/BUILD CONTRACTOR.
- REFER TO ARCHITECTURAL PLANS FOR COMPLETE CEILING/FLOOR/ROOM PLAN INFORMATION.
- ALL AREAS SHALL BE DESIGNED AS LIGHT HAZARD OCCUPANCY UNLESS INDICATED OTHERWISE OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- PROVIDE PROTECTION ABOVE AND BELOW OBSTRUCTIONS AS REQUIRED, WHETHER INDICATED OR NOT.
- ALL SPRINKLERS LOCATED IN FINISHED AREAS SHALL BE SYMMETRICAL IN PATTERN FOR THE AREA SERVED.
- HIGH TEMPERATURE SPRINKLERS SHALL BE PROVIDED NEAR ALL HEAT PRODUCING EQUIPMENT IN ACCORDANCE WITH NFPA 13.
- DRY TYPE PENDANT AND SIDEWALL SPRINKLER HEADS SHALL FOLLOW THE MANUFACTURER'S REQUIREMENTS FOR THE MINIMUM BARREL LENGTH IN THE HEATED AREA.
- PROVIDE AUXILIARY DRAINS WITH PIPING TO APPROVED LOCATIONS FOR ALL TRAPPED PIPING. DRAIN PIPING SHALL BE SIZED PER NFPA 13 REQUIREMENTS.
- ALL WALL AND FLOOR PENETRATIONS WITH FIRE PROTECTION PIPING SHALL BE FULLY SLEEVED AND SEALED.
- APPROVED THROUGH PENETRATION FIRE STOP SYSTEMS SHALL BE USED FOR ALL TRAPPED WALLS AND FLOORS TO MAINTAIN RATING.
- NO STORAGE IS PERMITTED IN MECHANICAL OR ELECTRICAL ROOMS.
- EXTENDED COVERAGE SPRINKLERS SHALL NOT BE INSTALLED IN MECHANICAL ROOMS.
- DESIGN AREA REDUCTION FOR QUICK RESPONSE SPRINKLERS ALLOWED BY NFPA 13 SHALL NOT APPLY TO AREAS WITH CLOUD CEILINGS.
- ALL MATERIALS USED IN THE INSTALLATION OF THE FIRE PROTECTION SYSTEMS SHALL BE NEW AND OF CURRENT ISSUE, APPROVED BY U.L. AND/OR F.M. AND THE AUTHORITIES HAVING JURISDICTION.
- ALL FIRE PROTECTION WET AND DRY TYPE SYSTEM PIPING SHALL BE STEEL. DRY TYPE SYSTEM PIPING SHALL BE SCHEDULE 40.
- WHERE NEW SPRINKLER HEADS ARE INSTALLED IN AREAS WITH CEILINGS THEY SHALL BE CENTERED IN THE CEILING TILES.
- FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING FINAL SPRINKLER TYPES, LOCATIONS AND FINISHES IN ALL AREAS WITH ARCHITECT.
- TAMPER SWITCHES AND FLOW SWITCHES SHALL BE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR. WIRING OF SUCH DEVICES IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR. COORDINATE ALL FIRE PROTECTION WORK WITH FIRE ALARM CONTRACTOR.

PLAN NOTES

- MODIFY EXISTING FIRE PROTECTION IN THIS AREA. DISCONNECT AND REMOVE EXISTING FIRE PROTECTION SPRINKLER HEADS/PIPING/ESCUTCHEONS AS NECESSARY TO ACCOMMODATE RENOVATION WORK. PROVIDE ADDITIONAL SPRINKLER HEADS/PIPING/ESCUTCHEONS AS REQUIRED TO ACCOMMODATE NEW OCCUPANCY. PROVIDE ALL NEW SPRINKLER HEADS IN RENOVATED AREAS.
- MINIMUM OCCUPANCY CLASSIFICATION FOR BIDDING PURPOSES: COMPACT MOBILE STORAGE UNITS NO HIGHER THAN 8 FEET AND NO WIDER THAN 3 FEET WITH CLASS IV COMMODITIES (PLASTIC).
- PROVIDE FIRE PROTECTION SPRINKLER PROTECTION ABOVE AND BELOW SOFFITS WHERE REQUIRED BY NFPA 13 AND AUTHORITIES HAVING JURISDICTION.



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: AE

checked by: MD

I hereby certify that this plan,
specification, or report was
prepared by me or under my
direct supervision and that I am a
duly Licensed Professional
Engineer under the laws of the
State of South Dakota.

signature: 

printed name: MIKE DOLEJS

reg. #: 14204

sign date: 01/12/2024



revision / issue	no.	date

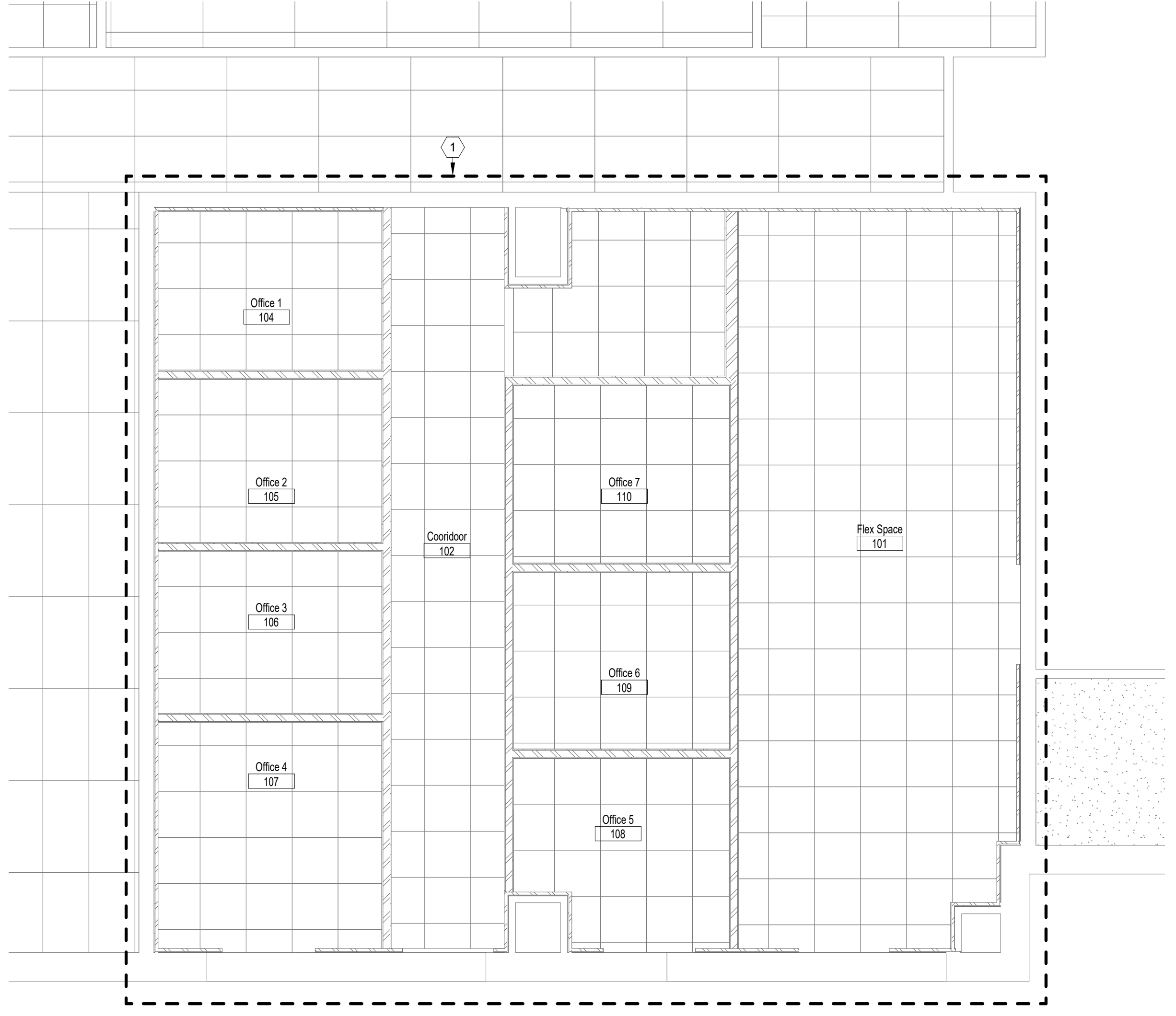
AMBULANCE
GARAGE - FIRE
PROTECTION
sheet title:
sheet number:
M2.2

GENERAL NOTES

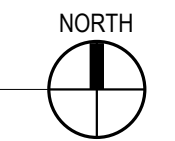
- A. THIS DRAWING IS A BID DOCUMENT AND IS NOT A DESIGN DRAWING. CONFIRMATION OF FINAL DESIGN VIA SHOP DRAWINGS, HYDRAULIC CALCULATIONS, PRODUCT SUBMITTALS, ETC. IS THE SOLE RESPONSIBILITY OF THE FIRE PROTECTION DESIGN/BUILD CONTRACTOR.
- B. REFER TO ARCHITECTURAL PLANS FOR COMPLETE CEILING/FLOOR/ROOM PLAN INFORMATION.
- C. ALL AREAS SHALL BE DESIGNED AS LIGHT HAZARD OCCUPANCY UNLESS INDICATED OTHERWISE OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- D. PROVIDE PROTECTION ABOVE AND BELOW OBSTRUCTIONS AS REQUIRED, WHETHER INDICATED OR NOT.
- E. ALL SPRINKLERS LOCATED IN FINISHED AREAS SHALL BE SYMMETRICAL IN PATTERN FOR THE AREA SERVED.
- F. HIGH TEMPERATURE SPRINKLERS SHALL BE PROVIDED NEAR ALL HEAT PRODUCING EQUIPMENT IN ACCORDANCE WITH NFPA 13.
- G. DRY TYPE PENDANT AND SIDEWALL SPRINKLER HEADS SHALL FOLLOW THE MANUFACTURER'S REQUIREMENTS FOR THE MINIMUM BARREL LENGTH IN THE HEATED AREA.
- H. PROVIDE AUXILIARY DRAINS WITH PIPING TO APPROVED LOCATIONS FOR ALL TRAPPED PIPING. DRAIN PIPING SHALL BE SIZED PER NFPA 13 REQUIREMENTS.
- I. ALL WALL AND FLOOR PENETRATIONS WITH FIRE PROTECTION PIPING SHALL BE FULLY SLEEVED AND SEALED.
- J. APPROVED THROUGH PENETRATION FIRE STOP SYSTEMS SHALL BE USED FOR ALL RATED WALLS AND FLOORS TO MAINTAIN RATING.
- K. NO STORAGE IS PERMITTED IN MECHANICAL OR ELECTRICAL ROOMS.
- L. EXTENDED COVERAGE SPRINKLERS SHALL NOT BE INSTALLED IN MECHANICAL ROOMS.
- M. DESIGN AREA REDUCTION FOR QUICK RESPONSE SPRINKLERS ALLOWED BY NFPA 13 SHALL NOT APPLY TO AREAS WITH CLOUD CEILINGS.
- N. ALL MATERIALS USED IN THE INSTALLATION OF THE FIRE PROTECTION SYSTEMS SHALL BE NEW AND OF CURRENT ISSUE, APPROVED BY U.L. AND/OR F.M. AND THE AUTHORITIES HAVING JURISDICTION.
- O. ALL FIRE PROTECTION WET AND DRY TYPE SYSTEM PIPING SHALL BE STEEL. DRY TYPE SYSTEM PIPING SHALL BE SCHEDULE 40.
- P. WHERE NEW SPRINKLER HEADS ARE INSTALLED IN AREAS WITH CEILINGS THEY SHALL BE CENTERED IN THE CEILING TILES.
- Q. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING FINAL SPRINKLER TYPES, LOCATIONS AND FINISHES IN ALL AREAS WITH ARCHITECT.
- R. TAMPER SWITCHES AND FLOW SWITCHES SHALL BE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR. WIRING OF SUCH DEVICES IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR. COORDINATE ALL FIRE PROTECTION WORK WITH FIRE ALARM CONTRACTOR.

PLAN NOTES

- 1. MODIFY EXISTING FIRE PROTECTION IN THIS AREA. DISCONNECT AND REMOVE EXISTING FIRE PROTECTION SPRINKLER HEADS/PIPING/ESCUTCHEONS AS NECESSARY TO ACCOMMODATE RENOVATION WORK. PROVIDE ADDITIONAL SPRINKLER HEADS/PIPING/ESCUTCHEONS AS REQUIRED TO ACCOMMODATE NEW OCCUPANCY. PROVIDE ALL NEW SPRINKLER HEADS IN RENOVATED AREAS.
- 2. MINIMUM OCCUPANCY CLASSIFICATION FOR BIDDING PURPOSES: COMPACT MOBILE STORAGE UNITS NO HIGHER THAN 8 FEET AND NO WIDER THAN 3 FEET WITH CLASS IV COMODITIES (PLASTIC).
- 3. PROVIDE FIRE PROTECTION SPRINKLER PROTECTION ABOVE AND BELOW CLOUD CEILINGS WHERE REQUIRED BY NFPA 13 AND AUTHORITIES HAVING JURISDICTION.



1 M2.2 Ambulance Garage - Fire Protection
1/4" = 1'-0"
0 4 8 16'




WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: 
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | mankato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Mankato, MN 56001 (507) 625-7869

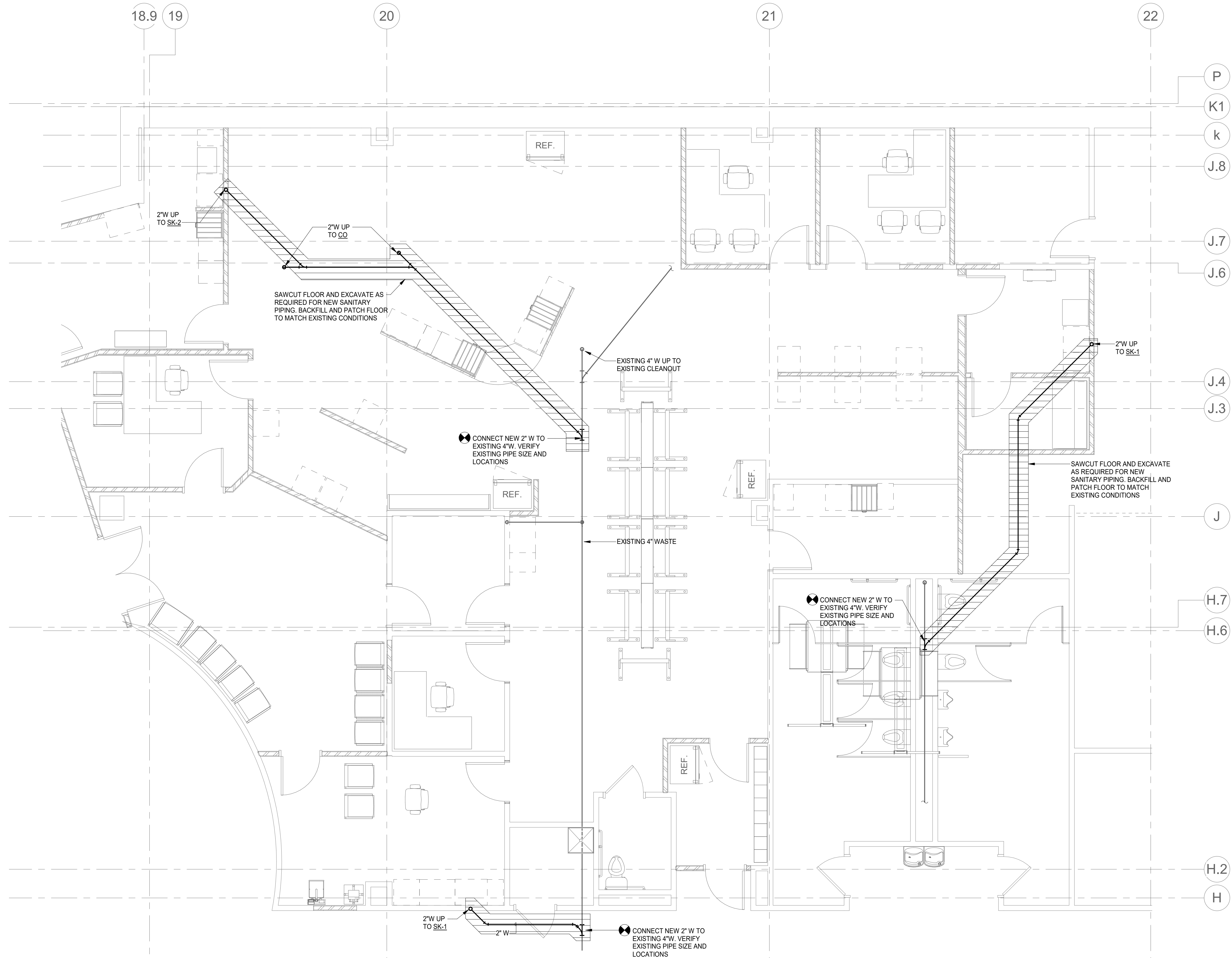
revision / issue	no.	date

PHARMACY - UNDERFLOOR PLUMBING

sheet number: **M3.0**

GENERAL NOTES

- PROVIDE A WALL OR FLOOR CLEANOUT AS REQUIRED TO SERVE EACH PLUMBING FIXTURE. SPECIALTY DEVICE, ETC. THAT HAS A NON-ACCESSIBLE TRAP, TYPICAL.
- REFER TO PIPE HANGER AND SUPPORT DETAIL ON SHEET M7.1 INDICATING INSTALLATION REQUIREMENTS, TYPICAL.
- REFER TO PIPE PENETRATION DETAIL ON SHEET M7.1 FOR PIPE PENETRATION INSTALLATION REQUIREMENTS, TYPICAL.
- REFER TO WASTE AND VENT RISER DIAGRAM AND DOMESTIC WATER RISER DIAGRAMS ON SHEETS M2.3 THRU M2.6 FOR ADDITIONAL SIZES, PIPE ROUTING, VALVES AND PLUMBING SPECIALTY DEVICES. REFER TO PLUMBING RISER SHEETS FOR PLUMBING ROUGH-IN SCHEDULE, TYPICAL.
- PROVIDE SLEEVES FOR ALL SANITARY WASTE PIPING PASSING THROUGH STRUCTURAL FOOTINGS AND FOUNDATION WALLS. REFER TO SPECIFICATION SECTION 22 0500 AND DETAIL ON SHEET M7.1 FOR ADDITIONAL INFORMATION. COORDINATE AND VERIFY EXACT LOCATIONS AND ELEVATIONS WITH STRUCTURAL, TYPICAL.



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Mike Dolejs*
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

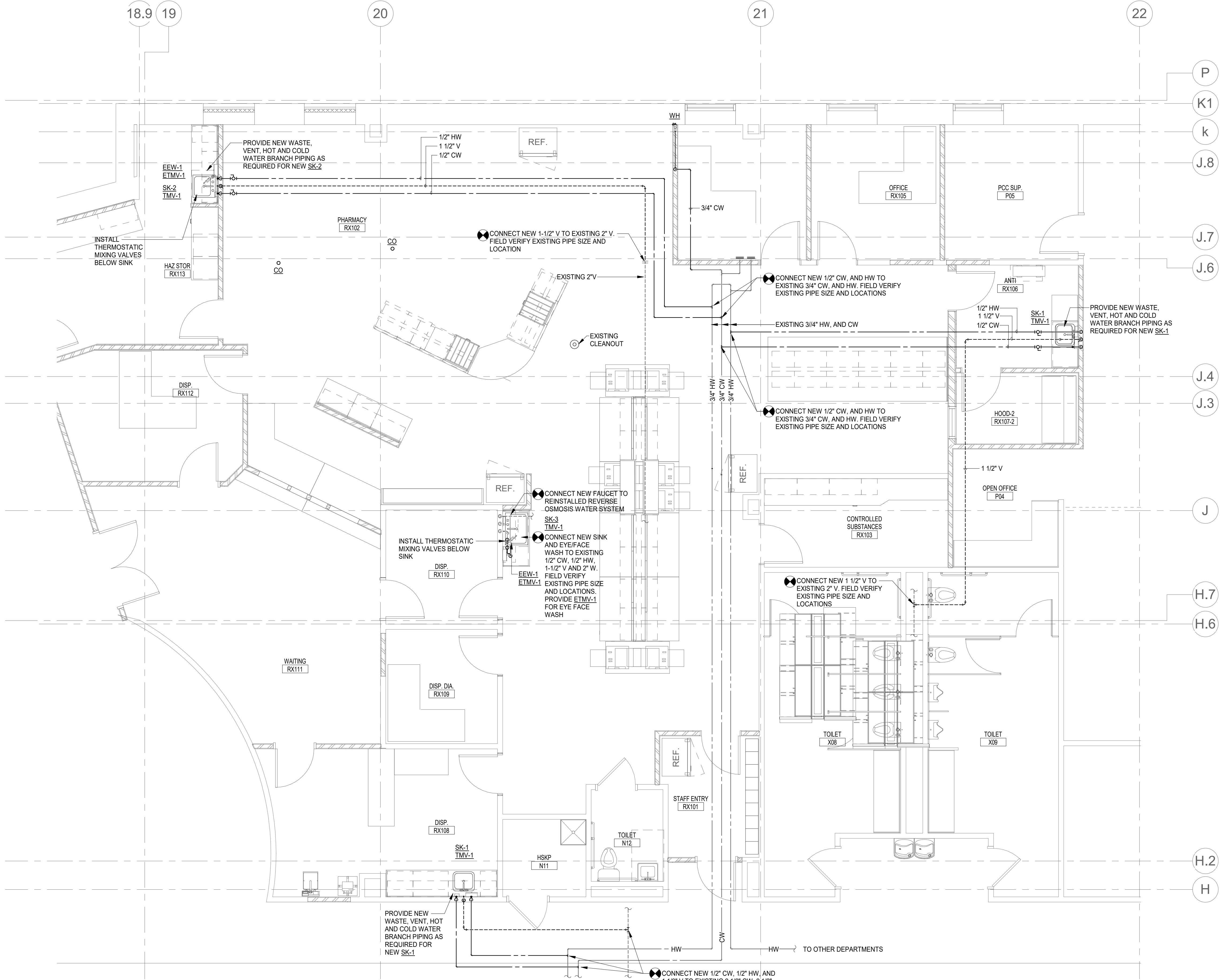
1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56001 (507) 625-7869

revision / issue	no.	date

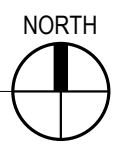
sheet title:
sheet number:

M3.1

- ### GENERAL NOTES
- PROVIDE A WALL OR FLOOR CLEANOUT AS REQUIRED TO SERVE EACH PLUMBING FIXTURE. SPECIALTY DEVICE, ETC. THAT HAS A NON-ACCESSIBLE TRAP. TYPICAL.
 - REFER TO PIPE HANGER AND SUPPORT DETAIL ON SHEET M7.1 INDICATING INSTALLATION REQUIREMENTS, TYPICAL.
 - REFER TO PIPE PENETRATION DETAIL ON SHEET M7.1 FOR PIPE PENETRATION INSTALLATION REQUIREMENTS, TYPICAL.
 - REFER TO WASTE AND VENT RISER DIAGRAM AND DOMESTIC WATER RISER DIAGRAMS ON SHEETS M2.3 THRU M2.6 FOR ADDITIONAL SIZES, PIPE ROUTING, VALVES AND PLUMBING SPECIALTY DEVICES. REFER TO PLUMBING RISER DIAGRAM SHEETS FOR PLUMBING ROUGH-IN SCHEDULE, TYPICAL.
 - PROVIDE SLEEVES FOR ALL SANITARY WASTE PIPING PASSING THROUGH STRUCTURAL FOOTINGS AND FOUNDATION WALLS. REFER TO SPECIFICATION SECTION 22 0500 AND DETAIL ON SHEET M7.1 FOR ADDITIONAL INFORMATION. COORDINATE AND VERIFY EXACT LOCATIONS AND ELEVATIONS WITH STRUCTURAL, TYPICAL.



1 Pharmacy - Plumbing
M3.1 1/4" = 1'-0"



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: AE

checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: 

printed name: MIKE DOLEJS

reg. #: 14204

sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street
Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive
Markato, MN 56001 (507) 625-7869

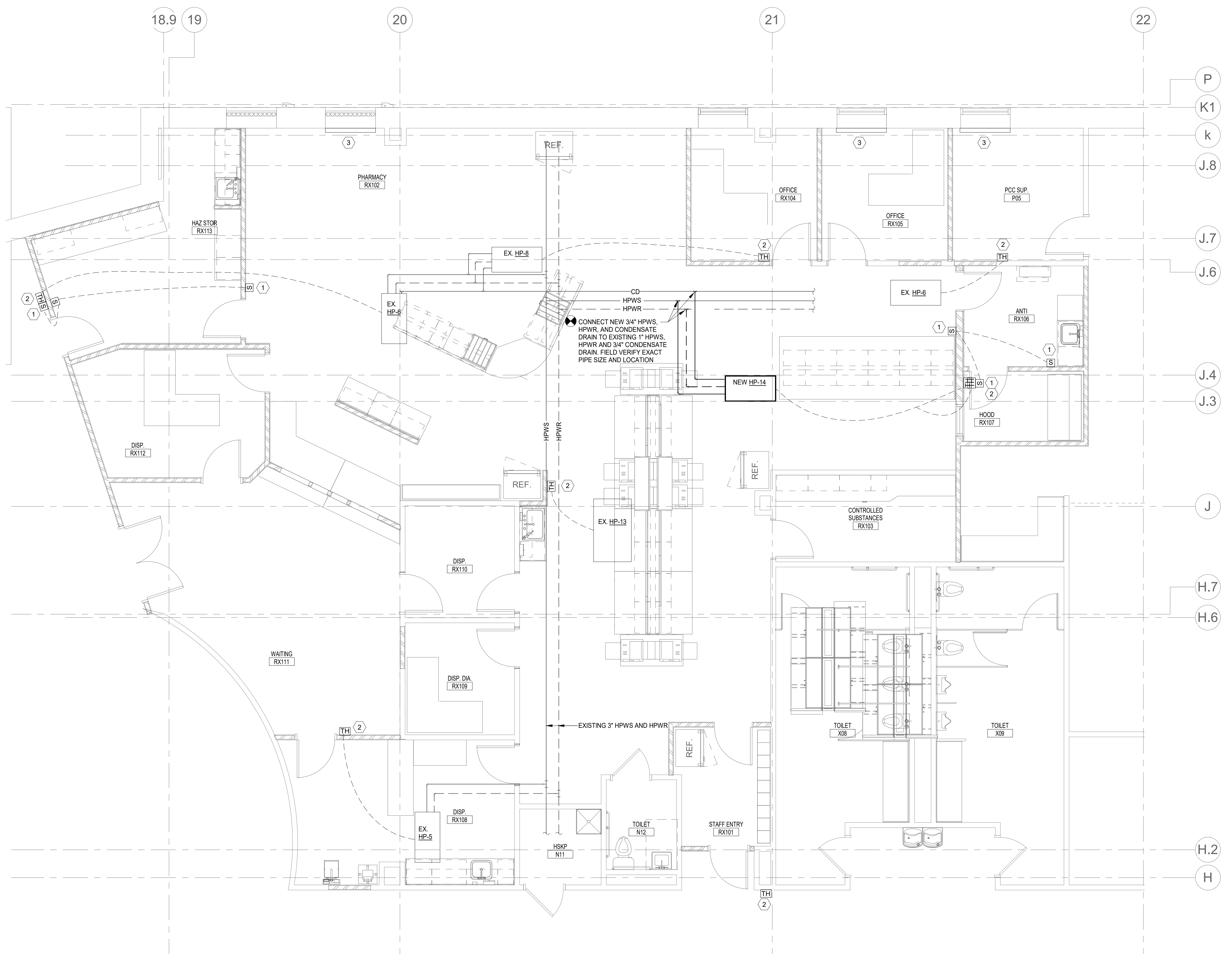
revision / issue	no.	date

PHARMACY - PIPING

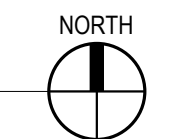
sheet number: **M4.1**

- GENERAL NOTES**
- A. REFER TO SHEET M7.1 FOR PIPE HANGER AND SUPPORT INSTALLATION REQUIREMENTS. TYPICAL.
 - B. REFER TO SHEET M7.1 FOR PIPE PENETRATION DETAIL INDICATING INSTALLATION REQUIREMENTS. TYPICAL.
 - C. REFER TO SHEET M7.1 FOR PIPE GUIDE DETAIL. TYPICAL.
 - D. REFER TO SHEET M7.1 FOR PIPE GUIDE SUPPORT DETAIL. TYPICAL.
 - E. ALL RUNOUTS TO VAV BOX REHEAT COILS, DUCT COILS, CABINET UNIT HEATERS, UNIT HEATERS AND INFLOOR RADIANT HEATING MANIFOLDS SHALL BE 3/4" UNLESS OTHERWISE NOTED.

- PLAN NOTES**
1. AIR-PRESSURE DIFFERENTIAL INDICATING TRANSMITTER, SWITCH, AND CONTROLLER. REFER TO SPECIFICATION 23 0993 FOR SEQUENCE OF OPERATION.
 2. TEMPERATURE AND HUMIDITY SENSOR.
 3. EXISTING ELECTRICAL BASEBOARD.



1 Pharmacy - Piping
M4.1 1/4" = 1'-0"



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

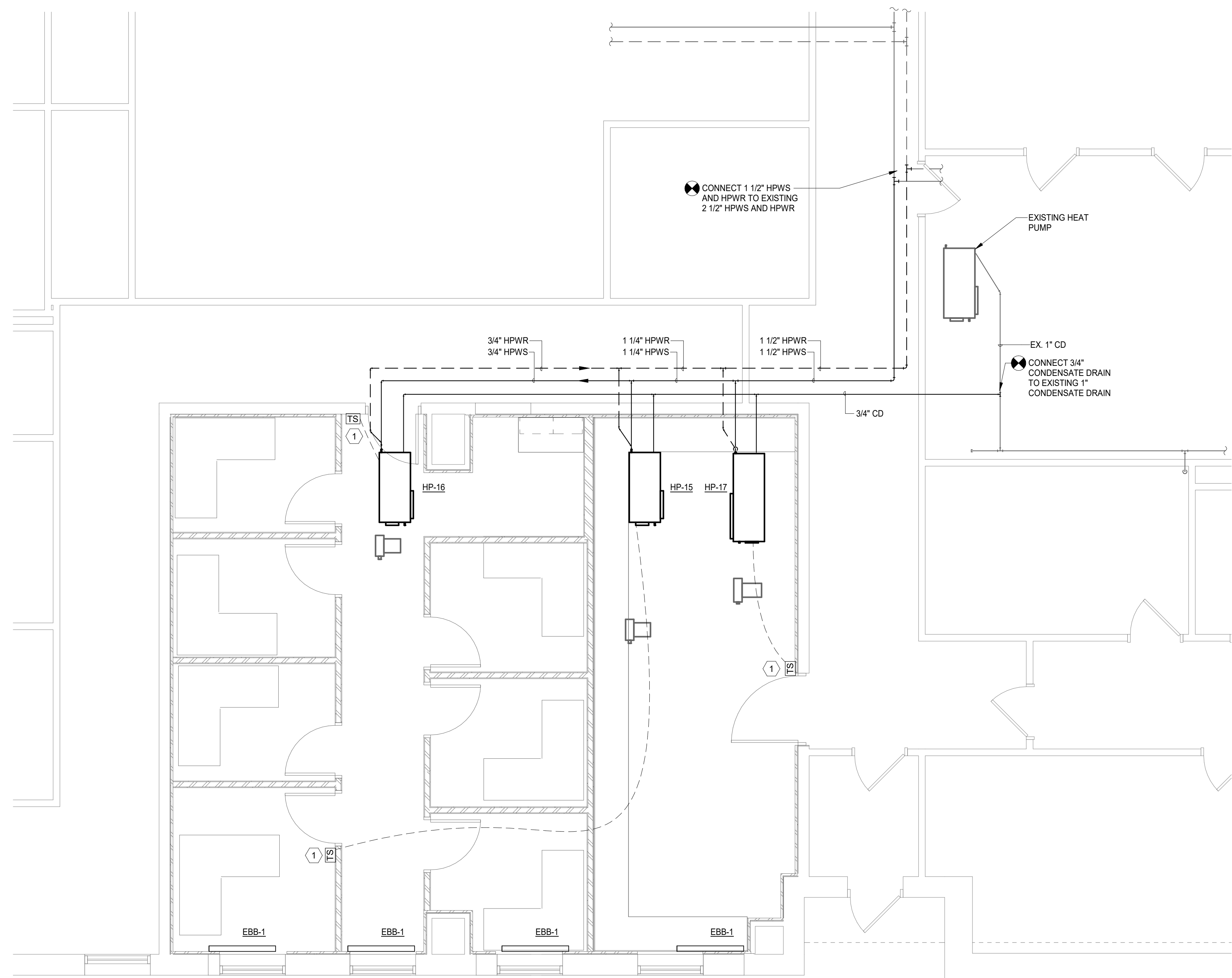
100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

GENERAL NOTES

- A. REFER TO SHEET M7.1 FOR PIPE HANGER AND SUPPORT INSTALLATION REQUIREMENTS. TYPICAL.
- B. REFER TO SHEET M7.1 FOR PIPE PENETRATION DETAIL INDICATING INSTALLATION REQUIREMENTS. TYPICAL.
- C. REFER TO SHEET M7.1 FOR PIPE GUIDE DETAIL. TYPICAL.
- D. REFER TO SHEET M7.1 FOR PIPE GUIDE SUPPORT DETAIL. TYPICAL.
- E. ALL RUNOUTS TO VAV BOX REHEAT COILS, DUCT COILS, CABINET UNIT HEATERS, UNIT HEATERS AND INFLOOR RADIANT HEATING MANIFOLDS SHALL BE 3/4" UNLESS OTHERWISE NOTED.

PLAN NOTES

- 1. TEMPERATURE AND HUMIDITY SENSOR.



project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

Signature

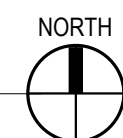
signature: *MIKE DOLEJS*
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | marquette

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Marquette, MN 56001 (507) 625-7869

revision / issue	no.	date

1 M4.2 Ambulance Garage - Piping
1/4" = 1'-0"
0 4 8 16'



AMBULANCE GARAGE - PIPING
sheet title:
sheet number:
M4.2

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Mike Dolejs*
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

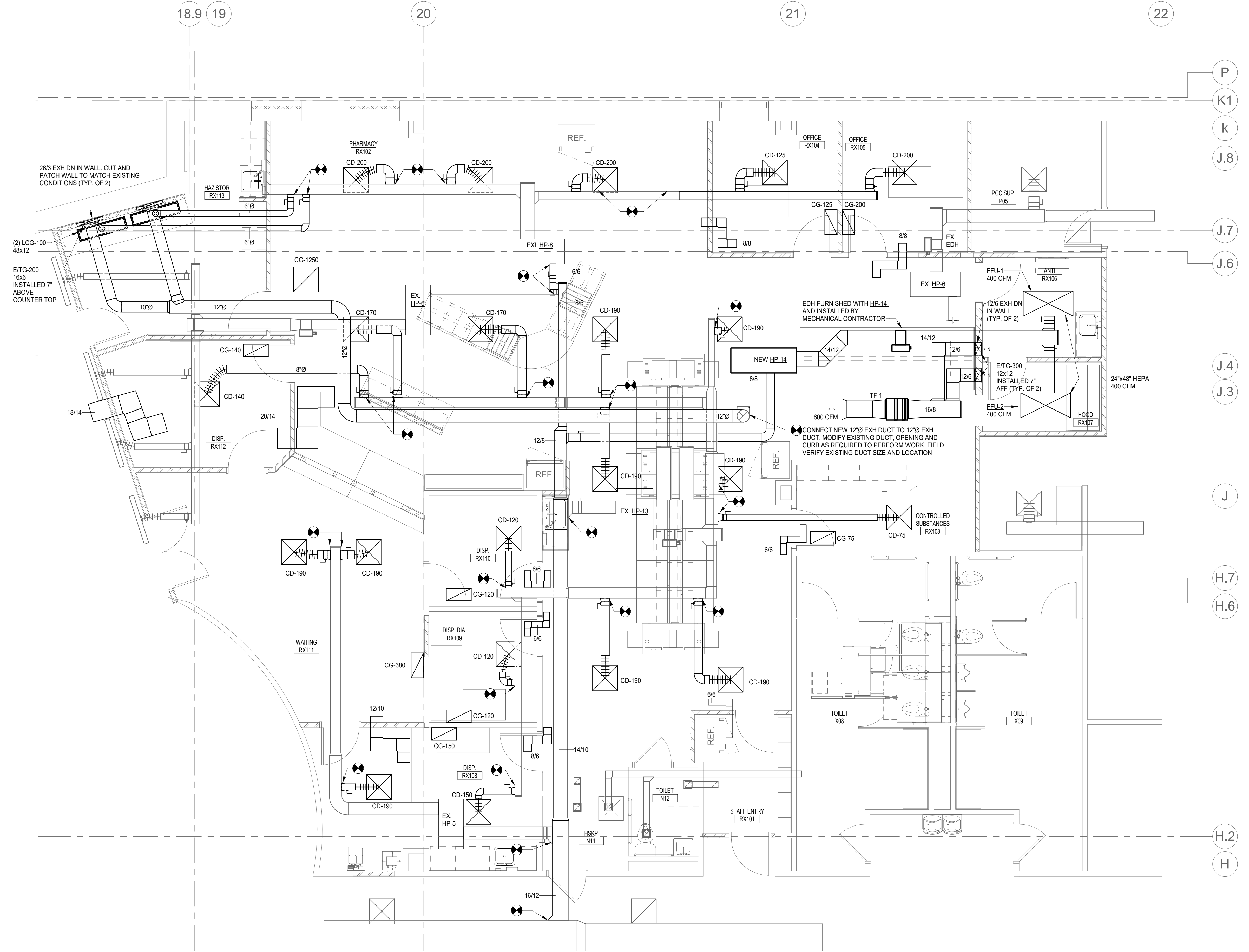
edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56031 (507) 625-7869

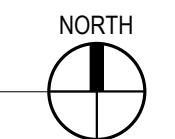
revision / issue	no.	date

sheet title: PHARMACY - HVAC
sheet number: **M5.1**

- GENERAL NOTES**
- DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS WHERE DUCTWORK IS INTERNALLY LINED. INCREASE DIMENSIONS OF SHEET METAL ACCORDINGLY.
 - ALL TRANSFER DUCTS SHALL BE INTERNALLY LINED WITH 1" ACOUSTIC LINER.
 - MAINTAIN UNOBSTRUCTED CLEARANCE TO THE ENTIRE BOTTOM PANEL OF ALL VAV BOX/REHEAT COILS.
 - DIFFUSER BRANCH DUCT SIZE SHALL BE THE SAME AS THE DIFFUSER NECK SIZE UNLESS OTHERWISE NOTED.
 - PROVIDE BALANCING DAMPER FOR EACH SUPPLY OUTLET AND EXHAUST INLET, UNLESS THERE IS ONLY ONE DIFFUSER FOR A VAV BOX.
 - REFER TO VAV/REHEAT COIL TERMINAL UNIT SIZING SCHEDULE FOR VAV BOX INLET DUCT SIZES.
 - REFER TO CEILING DIFFUSERS SIZE SCHEDULE FOR DIFFUSERS NECK SIZES.
 - ALL CEILING GRILLES (RETURN AIR) SHALL BE 24"x12" UNLESS NOTED OTHERWISE.
 - TEMPERATURE CONTROL CONTRACTOR SHALL FURNISH ALL MOTORIZED DAMPERS FOR INSTALLATION BY MECHANICAL CONTRACTOR.



1 Pharmacy - HVAC
M5.1 1/4" = 1'-0"



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: AE

checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature:

printed name: MIKE DOLEJS

reg. #: 14204

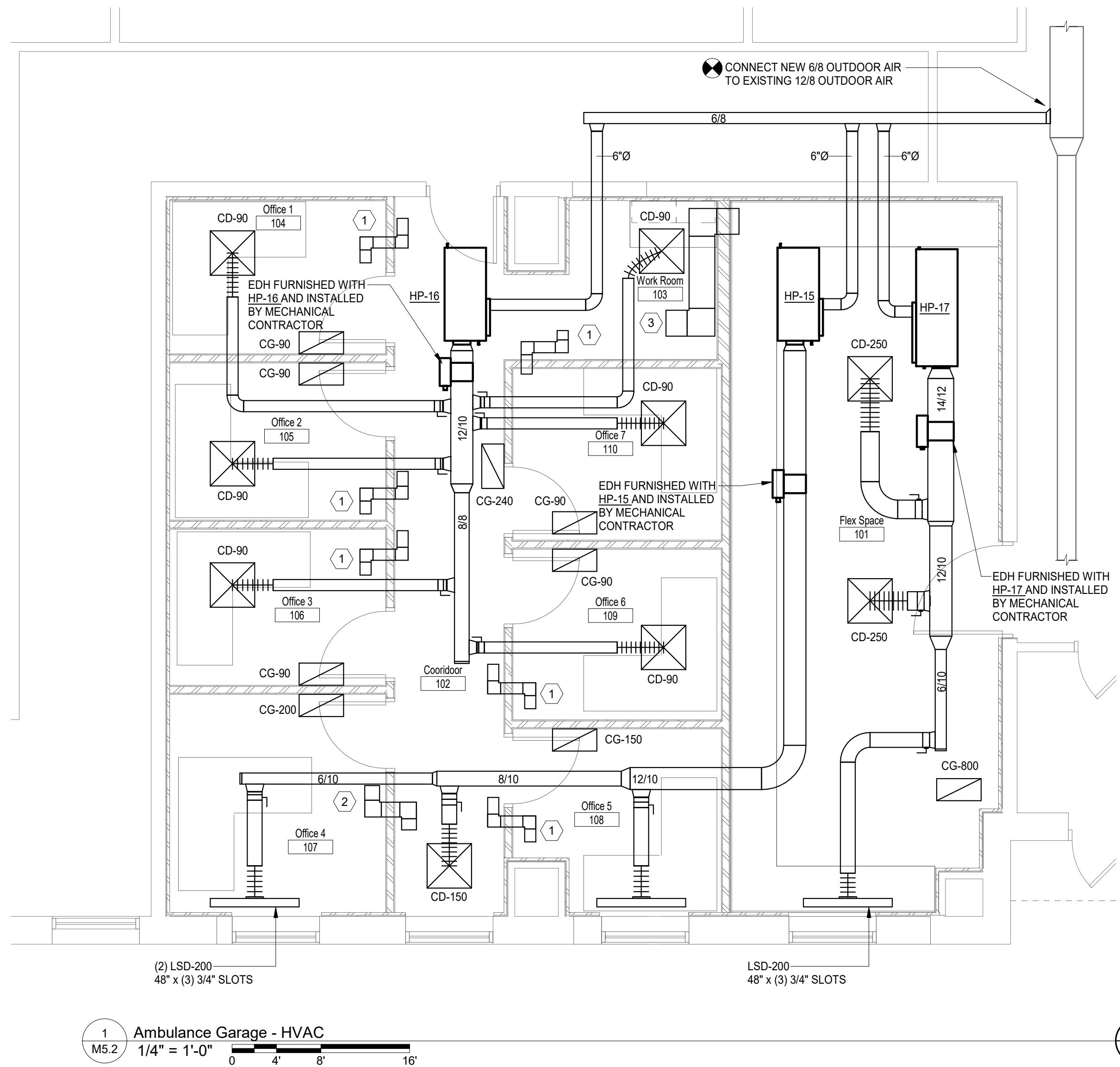
sign date: 01/12/2024

edi-dolejs
 consulting engineers
 minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
 1624 North Riverfront Drive Markato, MN 56001 (507) 625-7869

- GENERAL NOTES**
- DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS WHERE DUCTWORK IS INTERNALLY LINED. INCREASE DIMENSIONS OF SHEET METAL ACCORDINGLY.
 - ALL TRANSFER DUCTS SHALL BE INTERNALLY LINED WITH 1" ACOUSTIC LINER.
 - MAINTAIN UNOBSTRUCTED CLEARANCE TO THE ENTIRE BOTTOM PANEL OF ALL VAV BOX/REHEAT COILS.
 - DIFFUSER BRANCH DUCT SIZE SHALL BE THE SAME AS THE DIFFUSER NECK SIZE UNLESS OTHERWISE NOTED.
 - PROVIDE BALANCING DAMPER FOR EACH SUPPLY OUTLET AND EXHAUST INLET, UNLESS THERE IS ONLY ONE DIFFUSER FOR A VAV BOX.
 - REFER TO VAV/REHEAT COIL TERMINAL UNIT SIZING SCHEDULE FOR VAV BOX INLET DUCT SIZES.
 - REFER TO CEILING DIFFUSERS SIZE SCHEDULE FOR DIFFUSERS NECK SIZES.
 - ALL CEILING GRILLES (RETURN AIR) SHALL BE 24"x12" UNLESS NOTED OTHERWISE.
 - TEMPERATURE CONTROL CONTRACTOR SHALL FURNISH ALL MOTORIZED DAMPERS FOR INSTALLATION BY MECHANICAL CONTRACTOR.

- PLAN NOTES**
- 6/8 TRANSFER DUCT.
 - 8/8 TRANSFER DUCT.
 - 14/12 TRANSFER DUCT.



revision / issue	no.	date
ADD #1	1	07/18/23

sheet title: **AMBULANCE GARAGE - HVAC**
 sheet number: **M5.2**

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

WATER TO AIR HEAT PUMP SCHEDULE

ITEM TAG	SERVICE	MANUFACTURER	MODEL	TOTAL AIR CFM	WATER FLOW GPM	WATER PRESSURE DROP (FT-HD)	HPWS/ HPWR SIZES (IN.)	EAT DB DEG F	EAT WB DEG F	COOLING				HEATING				CONTROL VALVE TYPE	REFER TO NOTES
										TOTAL CAP. MBTUH	SENSIBLE CAP. MBTUH	HEAT REJECTION MBTUH	EER	EAT DB F	TOTAL CAP. MBTUH	HEAT ABSORPTION MBTUH	COP		
HP-14	RX106, RX107	DAIKIN	WGTH-026	800	6.0	5.5	3/4" / 3/4"	80	67	25.9	18.6	31.6	15.6	65	18.1	13.5	3.9	2-PORT	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
HP-15	102, 107, 108	DAIKIN	WGSB-015	500	5.0	9.6	3/4" / 3/4"	80	67	15.1	11.3	18.3	16.3	65	12.3	9.3	4.1	2-PORT	1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
HP-16	103, 104, 105, 106, 109, 110	DAIKIN	WGSB-019	600	4.5	7.6	3/4" / 3/4"	80	67	16.9	12.8	20.8	14.8	65	13.8	10.2	3.8	2-PORT	1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
HP-17	101	DAIKIN	WGTH-026	800	6.0	5.5	3/4" / 3/4"	80	67	25.9	18.6	31.6	15.6	65	18.1	13.5	3.9	2-PORT	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

NOTES:

- COOLING RATINGS BASED UPON: 90F EWT
- HEATING RATINGS BASED UPON: 30F EWT
- PROVIDE HEAT PUMP WITH DDC CONTROLS FOR INTERFACE WITH BUILDING AUTOMATION SYSTEM. HEAT PUMP UNIT DDC CONTROLS SHALL BE COMPATIBLE WITH AND INTEGRATED WITH EXISTING JOHNSON CONTROLS BUILDING AUTOMATION SYSTEM.
- PROVIDE UNIT WITH 2-STAGE COMPRESSOR, CONSTANT AIRFLOW ECM FAN MOTOR, STAINLESS STEEL DRAIN PAN AND CONDENSATE DRAIN PAN OVERFLOW PROTECTION.
- PROVIDE UNIT WITH SINGLE STAGE COMPRESSOR, CONSTANT AIRFLOW ECM FAN MOTOR, STAINLESS STEEL DRAIN PAN AND CONDENSATE DRAIN PAN OVERFLOW PROTECTION.
- PROVIDE UNIT WITH FOIL FACED INSULATION, DOUBLE-ISOLATED COMPRESSOR, COMPRESSOR SOUND ATTENUATION BLANKET, LOW LEAK 2" FILTER RACK AND MERV 13 FILTER OPTIONS.
- PROVIDE UNIT WITH EXTENDED LOOP WATER TEMPERATURE RANGE OPTION AND ELECTRIC PHASE LOSS PROTECTION.
- PROVIDE UNIT WITH SMART EC FAN AND HOT GAS REHEAT DEHUMIDIFICATION OPTION.
- PROVIDE UNIT WITH SUPPLY HOSE KIT HAVING WYE STRAINER/BLOWDOWN VALVE, ISOLATION BALL VALVE AND P/T PORT. REFER TO SPECIFICATION SECTION 23 8146 FOR ADDITIONAL HOSE KIT INFORMATION.
- PROVIDE UNIT WITH RETURN HOSE KIT HAVING AUTOMATIC FLOW CONTROL VALVE, ISOLATION BALL VALVE AND P/T PORT. REFER TO SPECIFICATION SECTION 23 8146 FOR ADDITIONAL HOSE KIT INFORMATION.
- PROVIDE UNIT WITH FIELD INSTALLED 5-KW ELECTRIC DUCT HEATER KIT.
- PROVIDE 4-YEAR EXTENDED COMPRESSOR AND REFRIGERATION CIRCUIT WARRANTY.
- HEAT PUMPS SHALL MEET OR EXCEED ARI 13296-1 RATING.
- REFER TO SPECIFICATION SECTION 23 8146 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.

CEILING DIFFUSER SIZE SCHEDULE - CD AND CD2

CFM RANGE	FACE SIZE	NECK SIZE
0 - 125	12"x12"	6" dia.
0 - 125	24"x24"	6" dia.
126 - 225	24"x24"	8" dia.
226 - 330	24"x24"	10" dia.
331 - 440	24"x24"	12" dia.
441 - 580	24"x24"	14" dia.
580 - 1000	24"x24"	15" dia.

ALL BRANCH RUN OUTS SHALL BE THE SAME AS THE DIFFUSER NECK SIZE OR EQUIVALENT

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

TYPE	SERVICE	MANUFACTURER AND MODEL NO.	VOLUME DAMPER	FINISH	FRAME AND BORDER TYPE	MATERIAL	DESCRIPTION	REFER TO NOTES
CD	CEILING DIFFUSER	TITUS TMSA	---	WHITE ENAMEL	NOTE 1	STEEL	24x24 MODULAR FULL-FACE DIFFUSER WITH ROUND NECK	1, 2
CG	CEILING GRILLE	TITUS 50F	---	WHITE ENAMEL	NOTE 1	ALUMINUM	1/2"x1/2"x1/2" EGGRATE GRID.	1, 2
LSD	LINEAR SLOT DIFFUSER	TITUS ML-38	PATTERN CONTROLLERS	WHITE ENAMEL	NOTE 1	ALUMINUM	PROVIDE MP-38 INSULATED PLENUMS SIZED FOR 1, 2, 3, OR 4 SLOTS AS REQUIRED. 3/4" SLOTS	
TG	TRANSFER GRILLE	TITUS 301RL-HD	---	STANDARD WHITE	NOTE 1	STEEL	0 DEG. DEFLECTION, 1/2" SPACING	1, 2
E/TG	EXH/TRANSFER GRILLE	PRICE LG	---	STANDARD WHITE	NOTE 1	STAINLESS STEEL	LATTICE, 1/2" SQUARE MESH	1, 2
LCG	LAMINAR CEILING GRILLE	TITUS TLF	---	STANDARD WHITE	NOTE 1	STEEL	PERFORATED LAMINAR FLOW GRILLE, INTERNAL Baffles	1, 2

NOTES:

- CONTRACTOR TO VERIFY CEILING/WALL/FLOOR TYPE AND PROVIDE PROPER FRAME AND BORDER TYPE.
- REFER TO SPECIFICATION SECTION 23 3713 FOR ADDITIONAL REQUIREMENTS.

EXHAUST/TRANSFER FAN SCHEDULE

UNIT NO.	SERVICE	MANUFACTURER	MODEL NO.	TYPE	DRIVE	CFM	ESP (IN. W.C.)	MAX. FAN RPM	HP	REFER TO NOTES
TF-1	N15 - ANTE N16 - COMPOUNDING	COOK	13SSQN17DEC	INLINE	ECM	600	0.75	1330	3/4	1, 2, 3
EF-14	N06 - MED RECEIVING N14 - CONTR SUBST	COOK	TCNHBLE-100-5	LAB EXHAUST	BELT	500	1.50	2990	3/4	1, 2, 4, 5

NOTES:

- REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS (VOLTS AND PHASE).
- PROVIDE WITH FAN SPEED CONTROLLER FOR AIR BALANCING.
- PROVIDE WITH 12" HIGH LAB EXHAUSTER CURB, ISOLATION BOX, GRAVITY ISOLATION DAMPER.
- OVERALL FAN ASSEMBLY CONE NOZZLE DISCHARGE HEIGHT SHALL BE MINIMUM 10 FT ABOVE ROOF DECK.

ELECTRIC BASEBOARD RADIATOR SCHEDULE

UNIT NO.	LOCATION	MANUFACTURER	MODEL	HEATING TYPE	ENCLOSURE HEIGHT (IN)	LENGTH OF UNIT (FT)	CAPACITY REQUIRED (WATTS)	CAPACITY REQUIRED (BTUH)
EBB-1	SEE PLAN	TRANE	DBF	ELECTRIC	6"	4	617	4265

NOTES:

- REFER TO SPECIFICATION SECTION 23 82 36 FOR ADDITIONAL REQUIREMENTS.
- UNIT COLOR TO BE SELECTED BY ARCHITECT FROM STANDARD COLOR CHART.
- UNIT SHALL BE FLOOR MOUNTED.
- PROVIDE WITH INTEGRAL 20 AMP, 120-277 VOLT, DOUBLE POLE DISCONNECT SWITCH.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
- PROVIDE BUILT-IN THERMOSTAT.

PLUMBING ROUGH-IN SCHEDULE

FIXTURE TAG	FIXTURE TYPE	WASTE	VENT	CW	HW	REMARKS
SK-1	SINK	2	1-1/2	1/2	1/2	
SK-2	SINK	2	1-1/2	1/2	1/2	
SK-3	DOUBLE BOWL SINK	---	---	---	---	EXISTING WASTE, VENT, CW AND HW
EEW-1	EMERGENCY EYE WASH	-	-	1/2 TW	-	COUNTER MOUNT/TEMPERED HW INLET
ETMV-1	EMERGENCY THERMOSTATIC MIXING VALVE	-	-	1/2	1/2	1/2 TEMPERED HW OUTLET

NOTES:

- REFER TO DIVISION 22 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

FAN FILTER UNIT SCHEDULE

UNIT NO.	AREA(S) SERVED	MANUFACTURER	MODEL	VOLUME (CFM)	E.S.P. (IN WC)	OPERATING POWER (WATTS)
FFU-1	N15 - ANTE	CAMFIL	PHARMASEAL	400	0.5	78
FFU-2	N16 - COMPOUNDING	CAMFIL	PHARMASEAL	400	0.5	78

NOTES:

- REFER TO SPECIFICATION SECTION 23 4100 FOR ADDITIONAL INFORMATION.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.

project #: 020053.00

date: 07/22/2022

drawn by: AE

checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature:

printed name: MIKE DOLEJS

reg. #: 14204

sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street
Minneapolis, MN 55411
(612) 343-5965

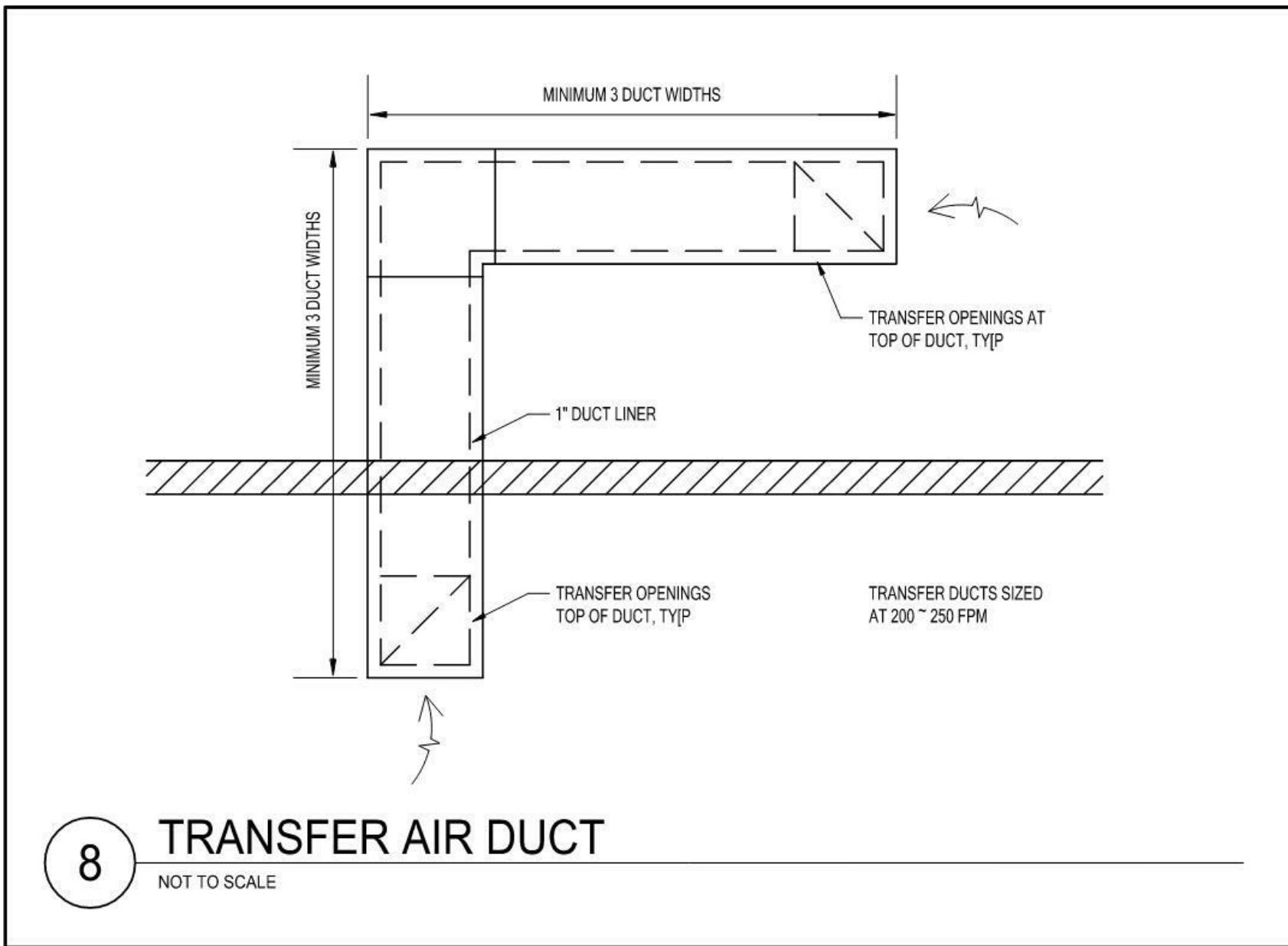
1624 North Riverfront Drive
Markato, MN 56031
(507) 625-7869

revision / issue no. date

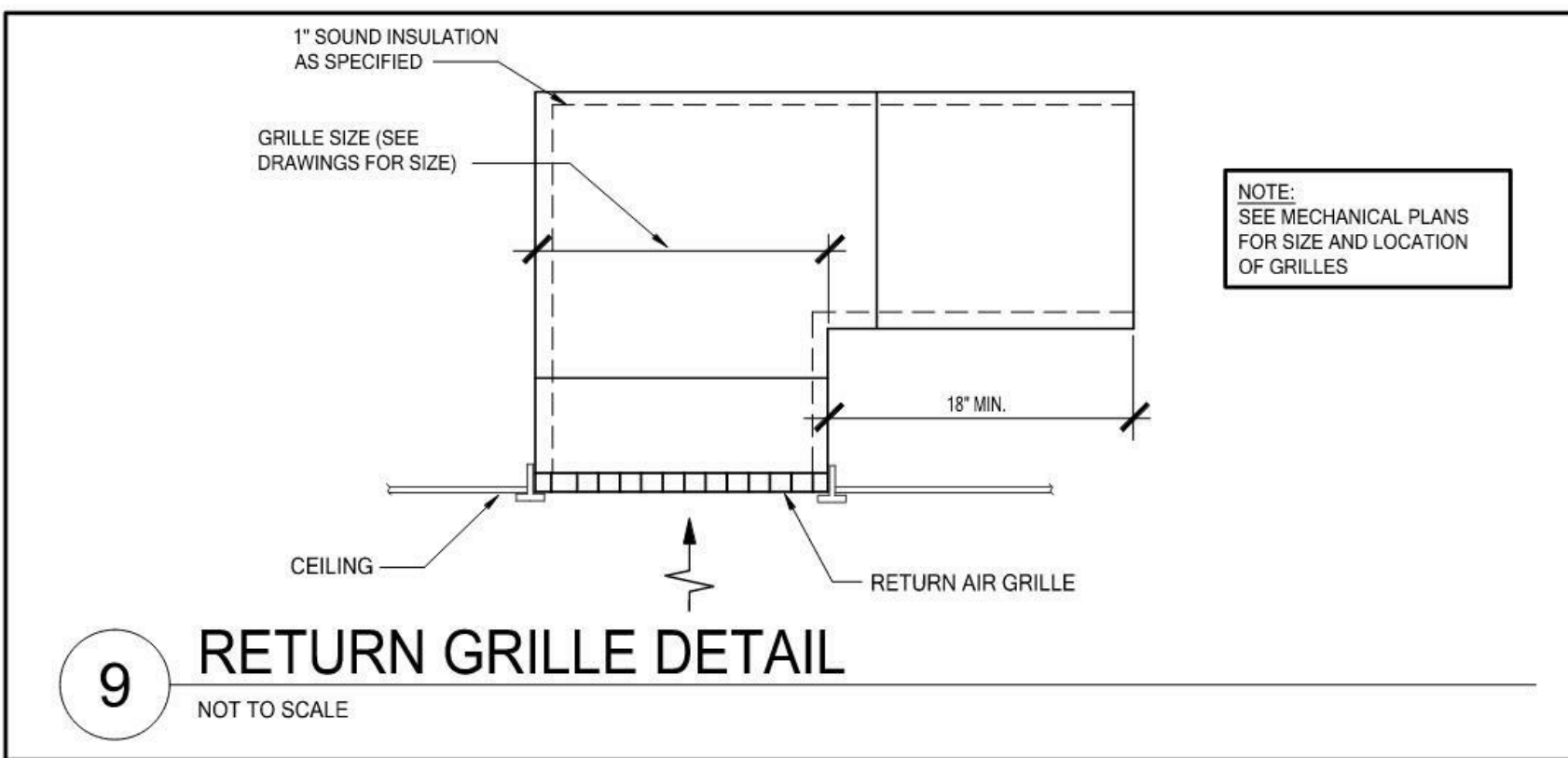
revision / issue	no.	date

MECHANICAL
SCHEDULES

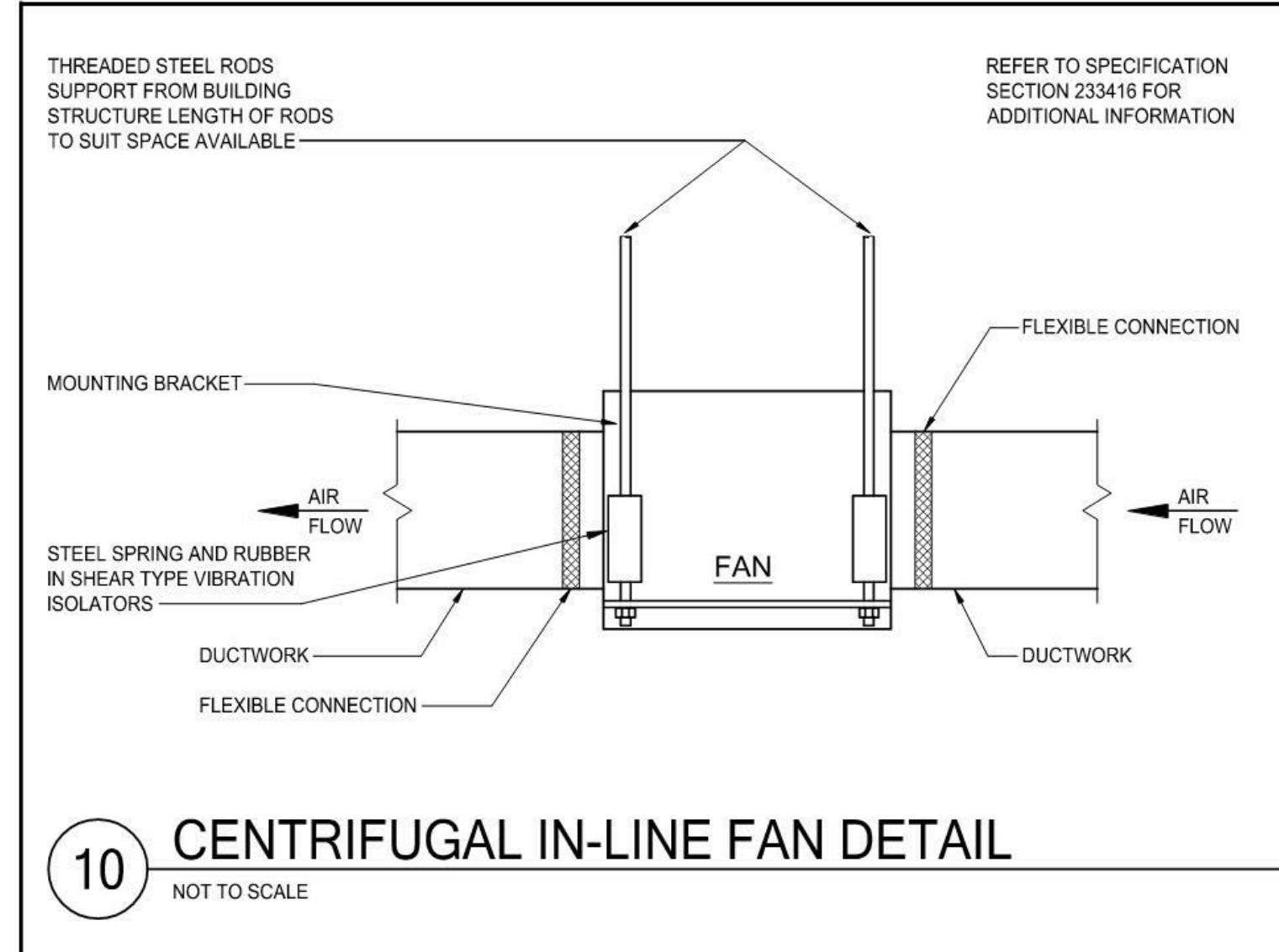
sheet
title:
sheet
number: **M6.1**



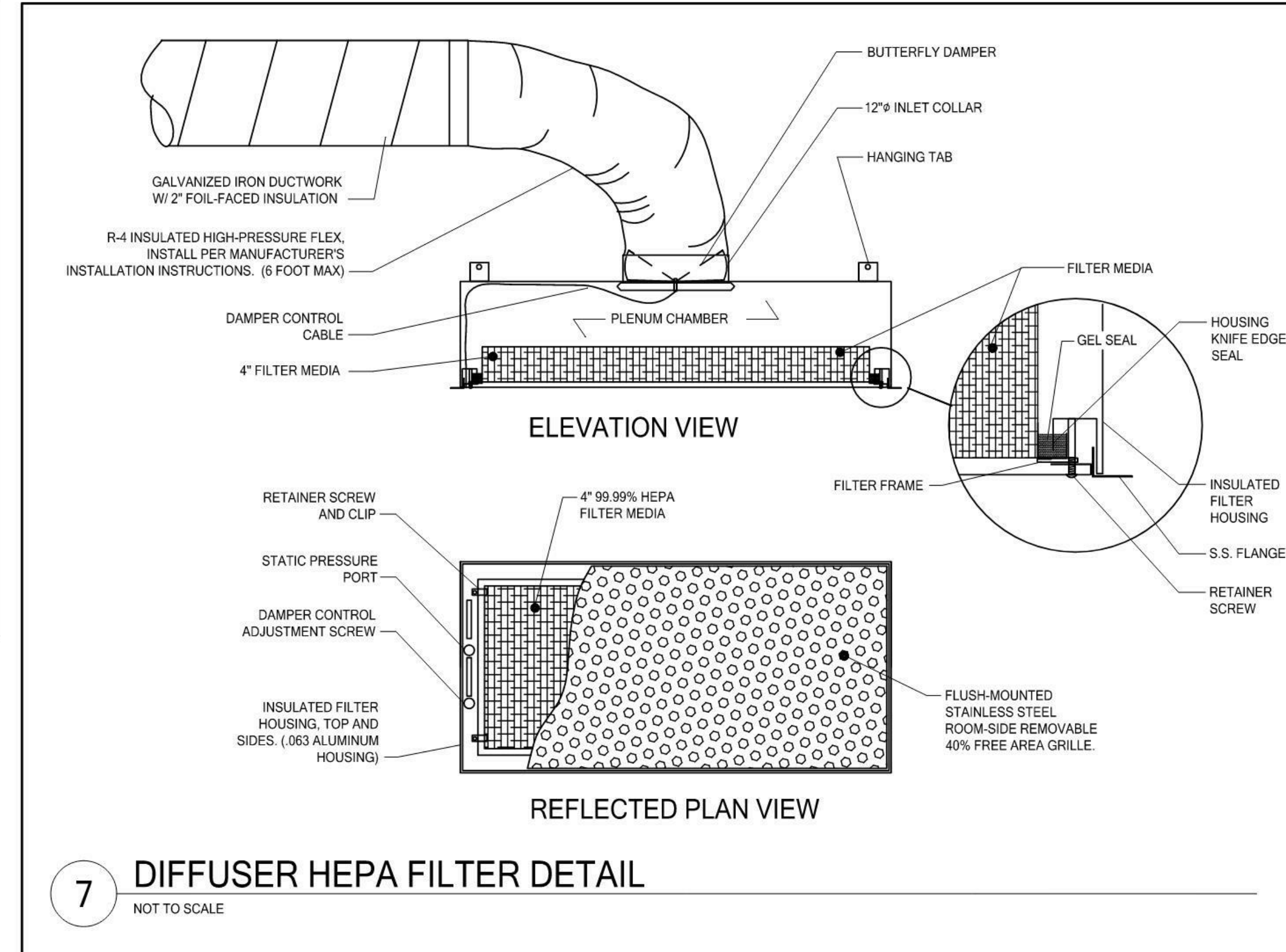
8 TRANSFER AIR DUCT
NOT TO SCALE



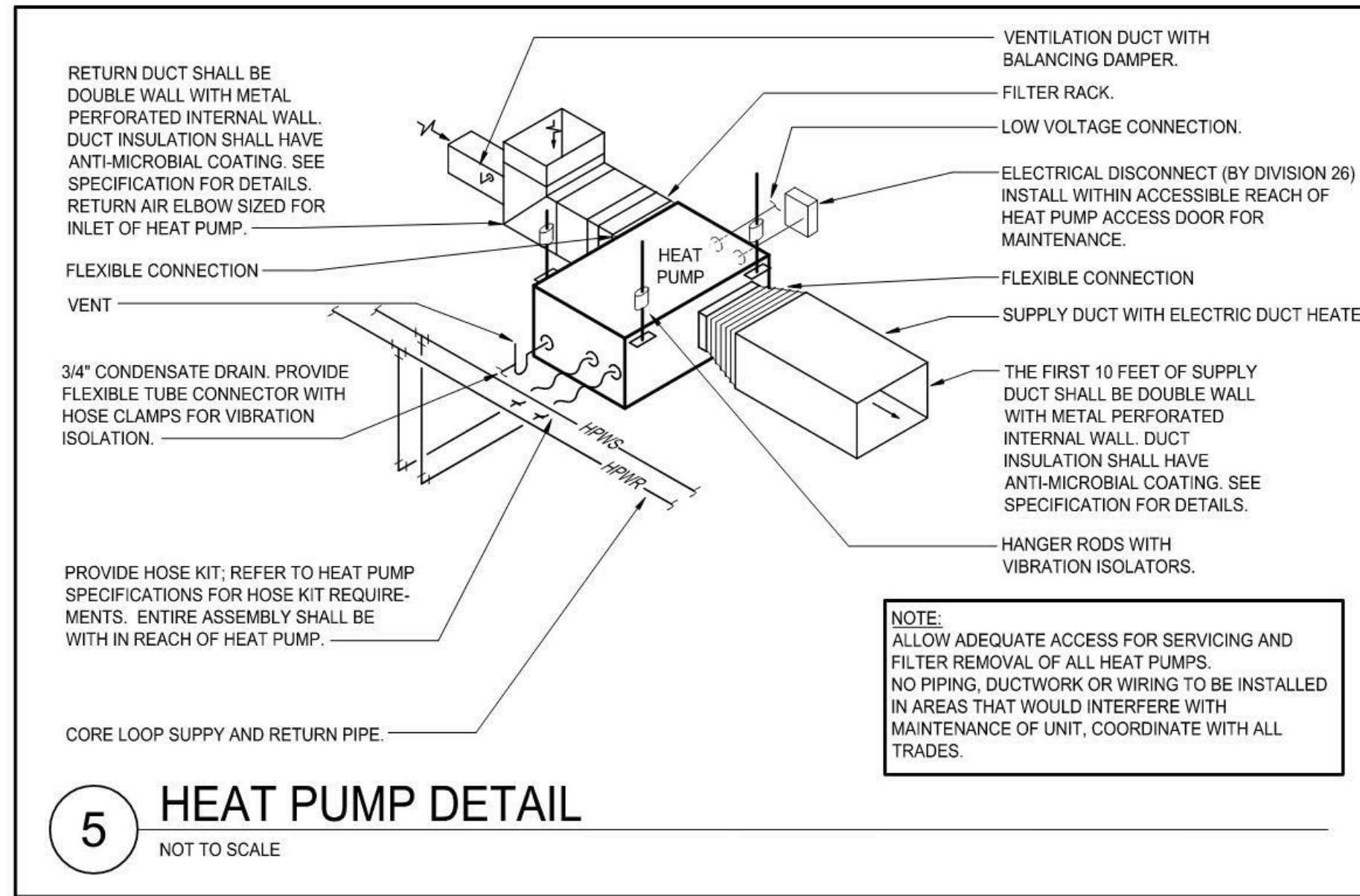
9 RETURN GRILLE DETAIL
NOT TO SCALE



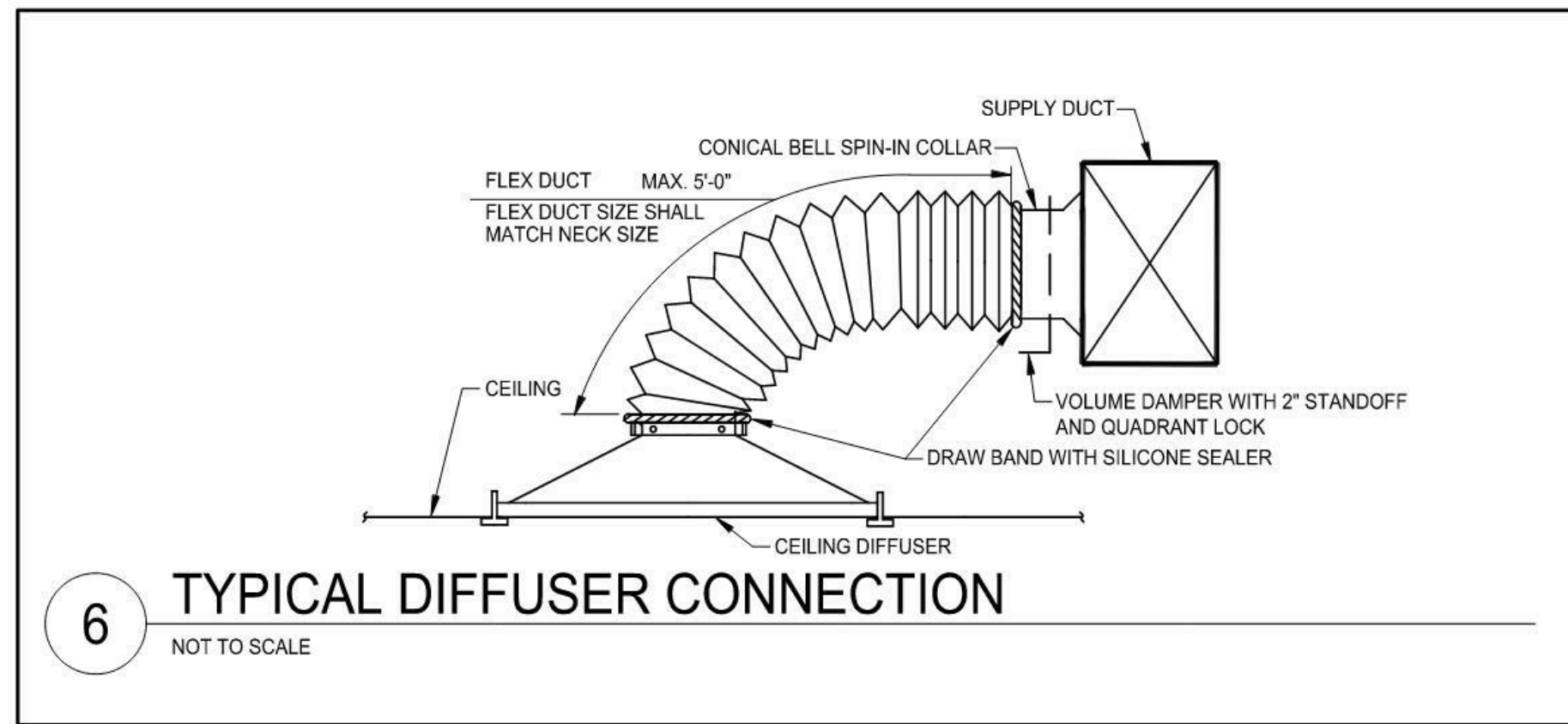
10 CENTRIFUGAL IN-LINE FAN DETAIL
NOT TO SCALE



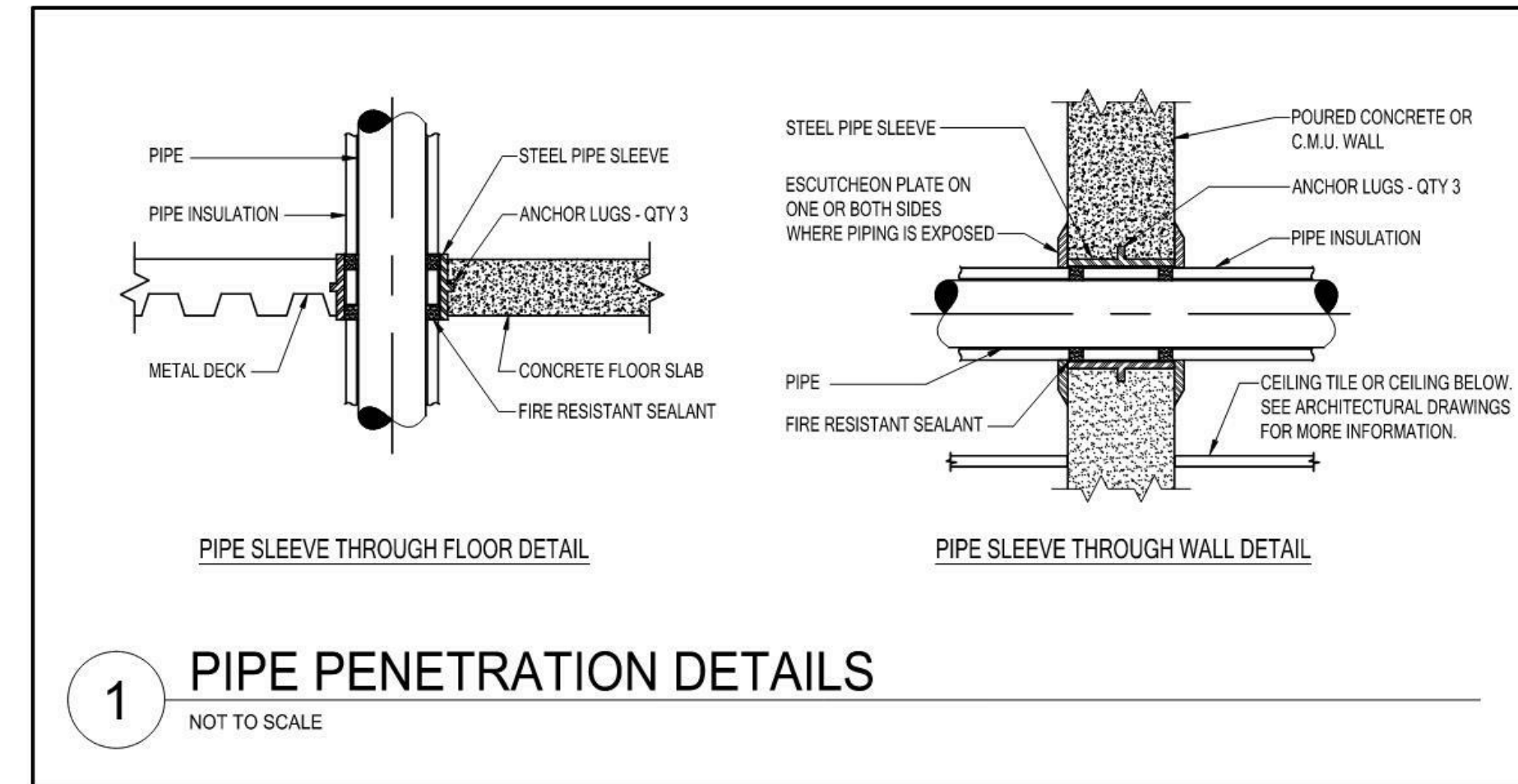
7 DIFFUSER HEPA FILTER DETAIL
NOT TO SCALE



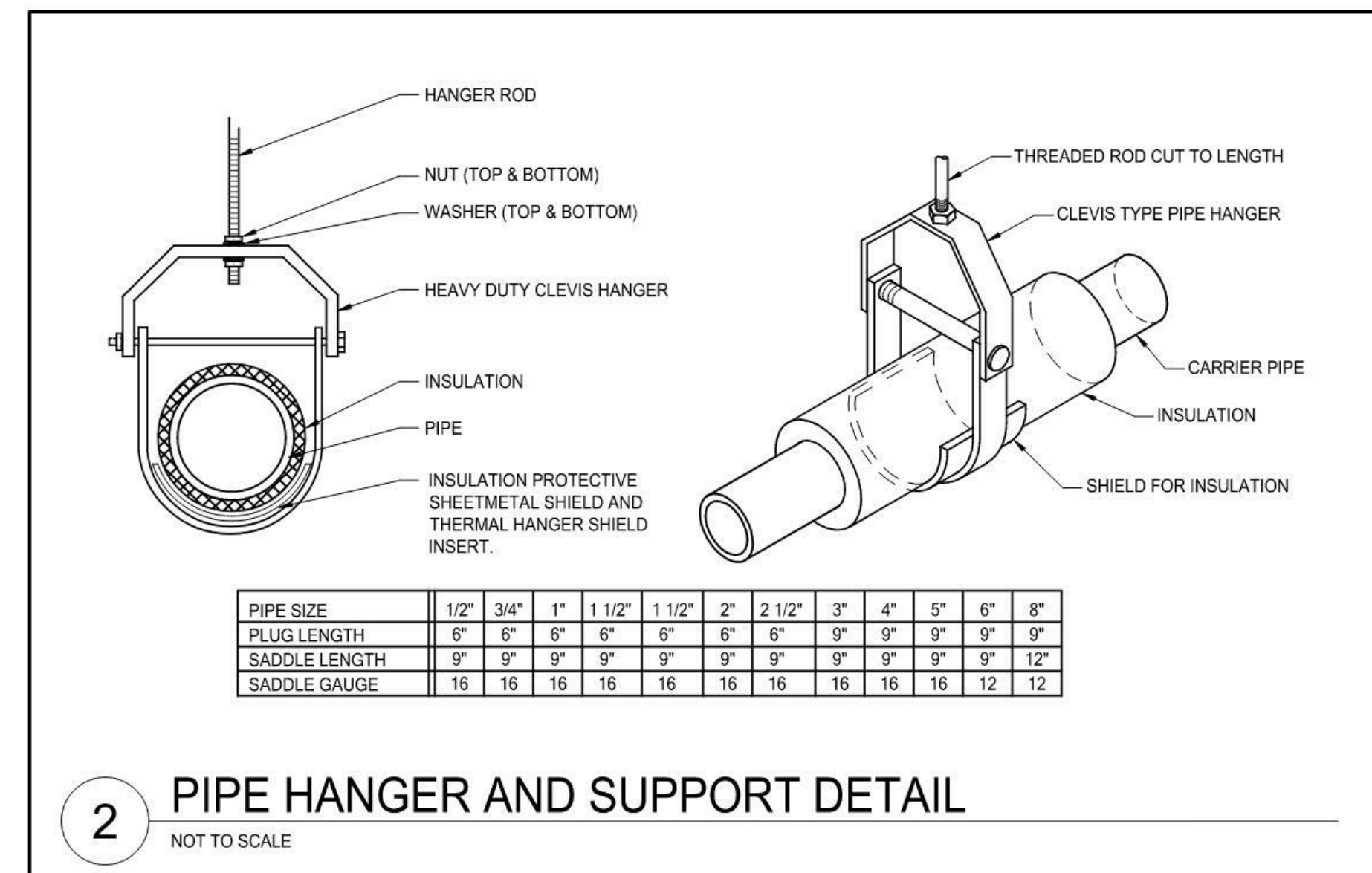
5 HEAT PUMP DETAIL
NOT TO SCALE



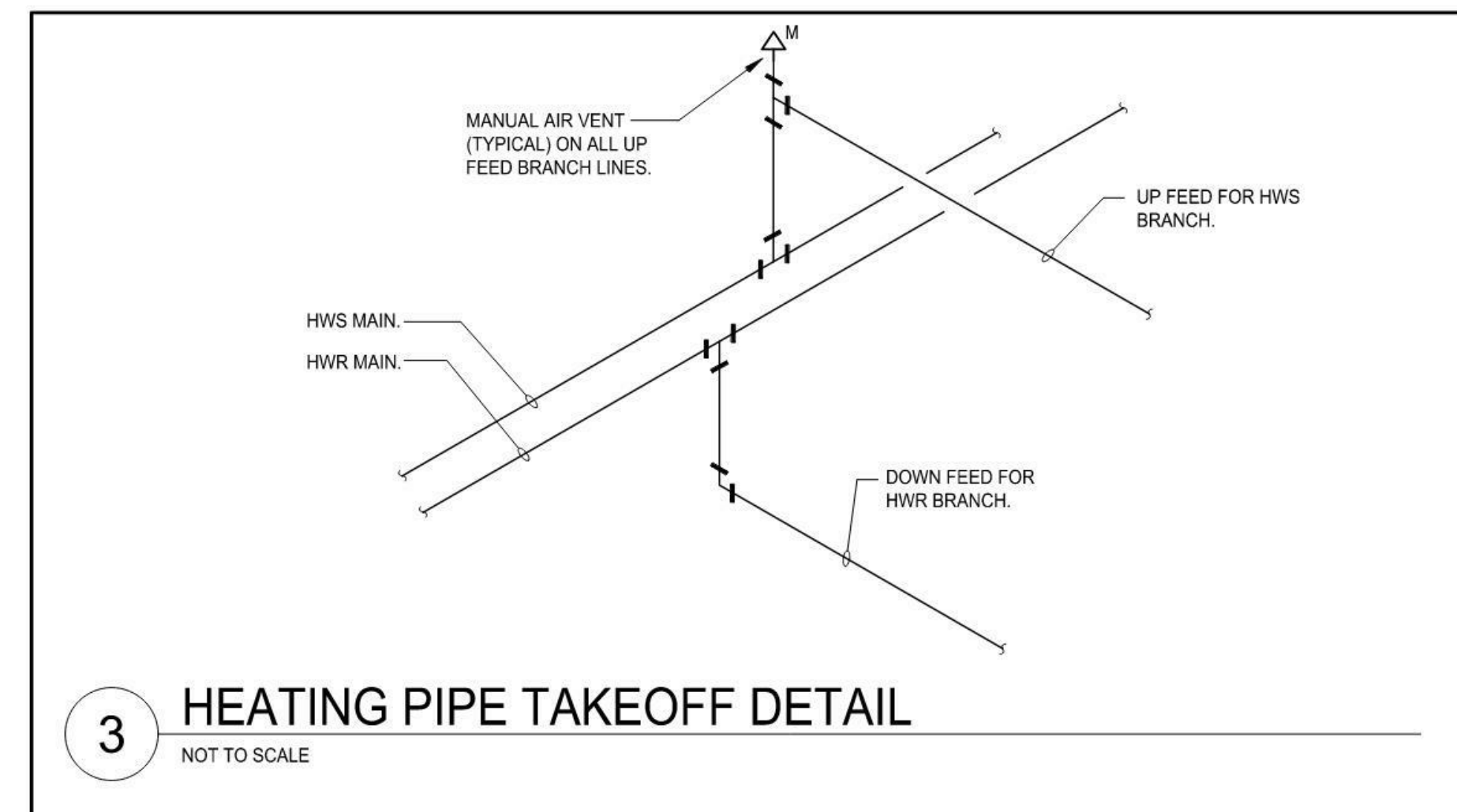
6 TYPICAL DIFFUSER CONNECTION
NOT TO SCALE



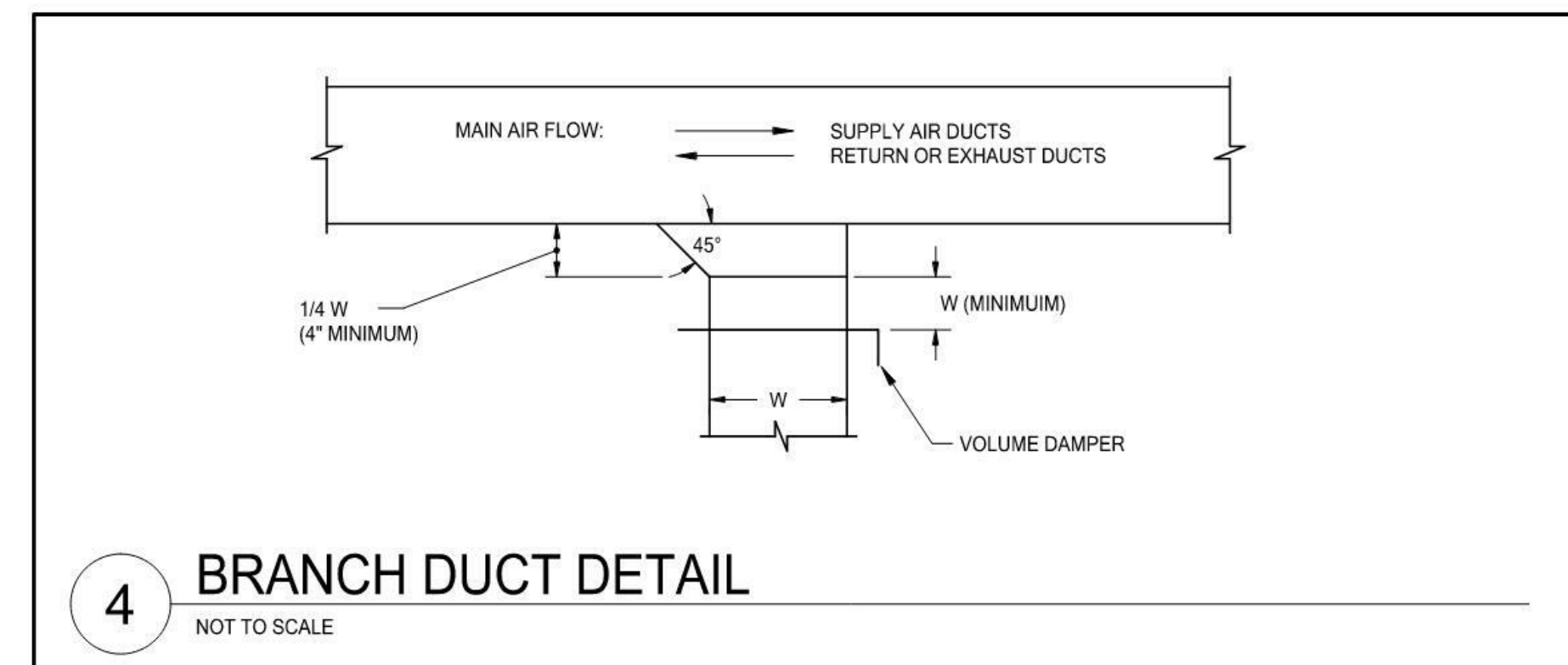
1 PIPE PENETRATION DETAILS
NOT TO SCALE



2 PIPE HANGER AND SUPPORT DETAIL
NOT TO SCALE



3 HEATING PIPE TAKEOFF DETAIL
NOT TO SCALE



4 BRANCH DUCT DETAIL
NOT TO SCALE

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00
date: 07/22/2022
drawn by: AE
checked by: MD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

Signature

signature: MIKE DOLEJS
printed name: MIKE DOLEJS
reg. #: 14204
sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | mankato

1112 North 5th Street
Minneapolis, MN 55411
(612) 343-5965

1624 North Riverfront Drive
Mankato, MN 56001
(507) 625-7869

revision / issue no. date

revision / issue	no.	date

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruby*

printed name: JAY S. HRUBY P.E.

reg. #: 8782

sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street
Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive
Markato, MN 56001 (507) 625-7869

revision / issue	no.	date

PHARMACY - ELECTRICAL DEMOLITION

sheet title:

sheet number:

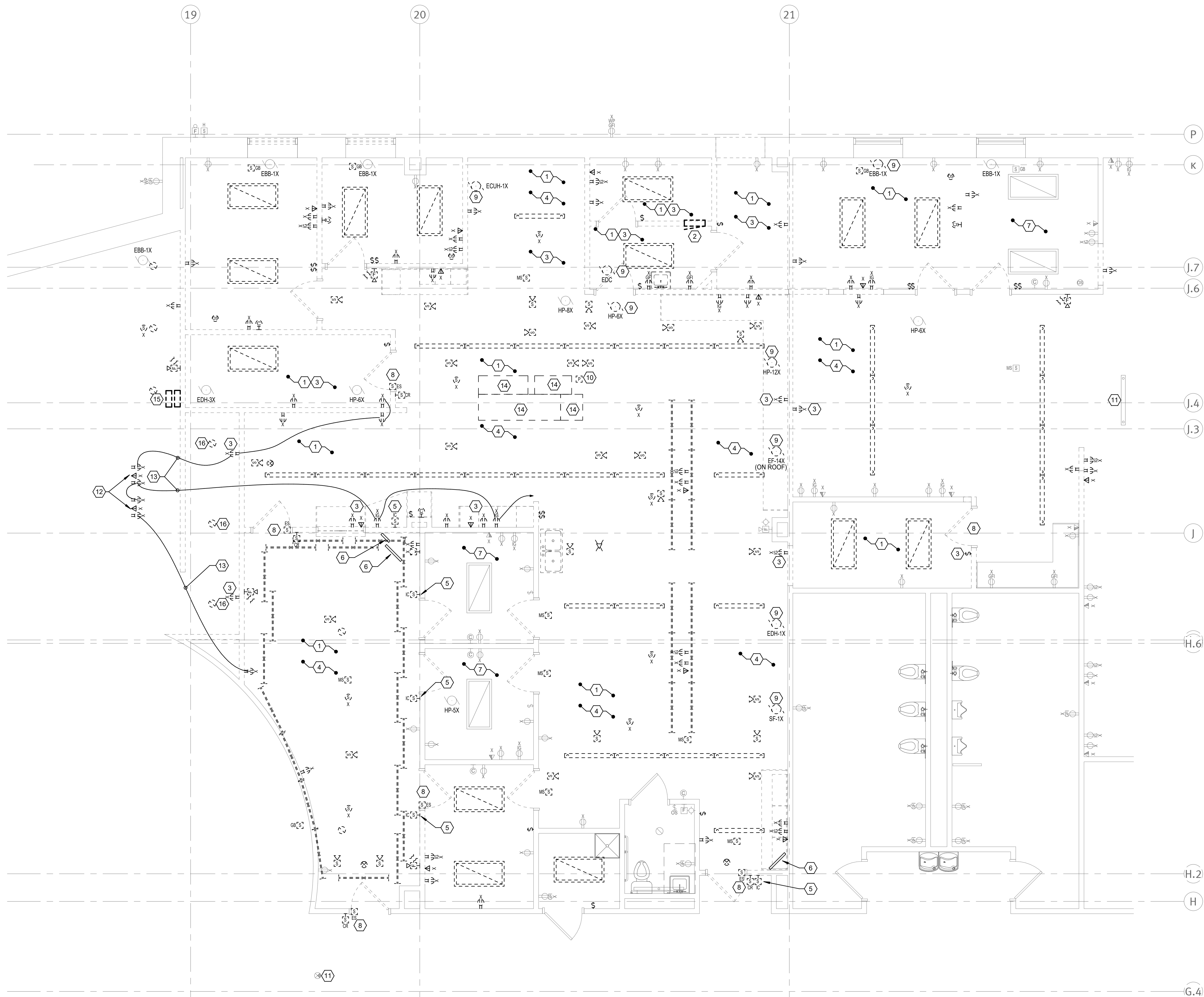
E1.1

GENERAL NOTES

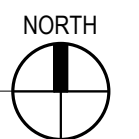
- A. FOR ITEMS TO BE REMOVED, REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX UNLESS NOTED OTHERWISE. LABEL WIRES AS SPARE. IF DEVICES IS ON ITS OWN CIRCUIT, REMOVE WIRING FROM CIRCUIT BREAKER AND LABEL CIRCUIT BREAKER AS 'SPARE'. FOR DEVICES SHOWN TO BE REMOVED IN WALLS THAT REMAIN, REMOVE DEVICE AND PROVIDE BLANK STAINLESS STEEL COVER PLATE. REMOVE WIRING AND CONDUIT IN ALL WALLS AND CEILING BEING REMOVED. ENSURE CONTINUITY TO ALL EXISTING RECEPTACLES, LIGHTS AND ALL OTHER DEVICES THAT REMAIN.
- B. FIELD VERIFY EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CHANGES WHICH OCCUR AFTER BIDS ARE SUBMITTED DUE TO EXISTING CONDITIONS.
- C. CUTTING AND PATCHING AS REQUIRED FOR COMPLETION OF ELECTRICAL WORK SHALL BE CARRIED OUT BY THIS CONTRACTOR.
- D. EXISTING BRANCH CIRCUITS FOR PHARMACY AREA ARE HOME RUN TO ELECTRICAL ROOM P10. EXISTING BRANCH CIRCUITS FOR THE AMBULANCE GARAGE AREA ARE HOME RUN TO ROOM W31.
- E. DATA/COMMUNICATION CIRCUITS FOR PHARMACY AREA ARE HOME RUN TO TELECOM ROOM T40/P12. DATA/COMMUNICATION CIRCUITS FOR AMBULANCE GARAGE AREA ARE HOME RUN TO TELECOM ROOM W38.

PLAN NOTES

1. DISCONNECT AND REMOVE LIGHTING EQUIPMENT IN THIS SPACE, INCLUDING LIGHT FIXTURES, SWITCHES, EMERGENCY AND NORMAL LIGHTING WIRING. ALSO FIRE ALARM DEVICES AS SHOWN. MAINTAIN CONTINUITY TO REMAINING CIRCUITS.
2. RELOCATE EXISTING 100 AMP 480/277 VOLT 3 PHASE PANELBOARD H7HP AND ASSOCIATED CIRCUITS TO NEW LOCATION SHOWN. EXTEND CIRCUITS AS NEEDED. REFER TO PANELBOARD SCHEDULE.
3. DISCONNECT AND REMOVE DEVICES AND CIRCUITS SHOWN IN WALLS TO BE REMOVED. WHERE CONDUITS FOR DEVICES COME FROM FLOOR SAW CUT AND PROVIDE FLOOR BOXES AND WIRING AT LOCATIONS TO ENABLE CIRCUIT CONTINUITY. UTILIZE ON GRADE BOXES SIMILAR TO WIREMOLD 880 SERIES ONE GANG OR TWO GANG WITH SOLID COVERS. COLOR BY ARCHITECT.
4. EXISTING CEILING MOUNTED DEVICES SUCH AS CAMERAS, MOTION SENSORS, EXIT SIGNS, SPEAKERS, WIRELESS ACCESS ARE TO BE DISCONNECTED TO FACILITATE THE CEILING REPLACEMENT. RELOCATE AND RECONNECT AT NEW CEILING LOCATIONS AS SHOWN ON SHEET E3.2.
5. DISCONNECT AND REMOVE EXISTING INTERCOM SYSTEM. REPLACE WITH NEW INTERCOM SYSTEM AS SHOWN ON SHEET E3.2.
6. RELOCATE EXISTING MONITORS TO NEW LOCATIONS AS SHOWN ON SHEET E3.2.
7. EXISTING SPACE TO REMAIN AS-IS UNLESS NOTED OTHERWISE.
8. DISCONNECT AND REMOVE EXISTING DOOR CONTROLS TO ENABLE DOOR REPLACEMENT. SALVAGE EXISTING CARD READER FOR REUSE BY OWNER'S VENDOR.
9. DISCONNECT POWER TO EXISTING MECHANICAL EQUIPMENT IN THIS SPACE TO ENABLE REMOVAL BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE ASSOCIATED ELECTRICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR.
10. CONTRACTOR TO RELOCATE EXISTING POWER POLE WITH FOUR (4) POWER AND SIX (6) DATA CIRCUITS FEEDING THE DISPENSING UNIT AND OTHER ADJACENT EQUIPMENT. RELOCATE POWER POLE AND CIRCUITS TO NEW LOCATION AS SHOWN ON SHEET E3.2.
11. PROVIDE NEW WIRING CONNECTION FOR EMERGENCY LIGHTING CIRCUIT FROM EXISTING LAMP CIRCUIT TO EXISTING EXIT LIGHT. UTILIZE TWO (2) #12 AWG PLUS ONE (1) #12 AWG GROUND.
12. EXISTING SECURITY DESK POWER AND DATA CIRCUITS TO BE DISCONNECTED AND REMOVED.
13. MAINTAIN CIRCUIT CONTINUITY OF EXISTING REMAINING POWER AND DATA CIRCUITS TO THE SECURITY DESK.
14. EXISTING DISPENSING EQUIPMENT TO BE RELOCATED BY OWNER. CONTRACTOR TO RELOCATE POWER AND DATA CIRCUITS AT NEW LOCATION AS PER PLAN NOTE 10.
15. EXISTING GENERATOR ALARM AND ANNUNCIATOR PANELS TO BE RELOCATED BY CONTRACTOR TO NEW LOCATION AS SHOWN ON SHEET E3.2. EXTEND WIRING AS NEEDED.
16. DISCONNECT AND REMOVE EXISTING CEILING MOUNTED LIGHTS FROM CEILING SPACE AT THE BACK OF THE EXISTING SECURITY DESK.



1 Pharmacy - Electrical Demolition
E1.1 1/4" = 1'-0"



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature:

printed name: JAY S. HRUBY P.E.

reg. #: 8782

sign date: 01/12/2024



1112 North 5th Street Minneapolis, MN 55411 (612) 343-8965
1624 North Riverfront Drive Mankato, MN 56001 (507) 625-7869

revision / issue	no.	date
------------------	-----	------

AMBULANCE GARAGE - ELECTRICAL DEMOLITION

sheet title:

sheet number:

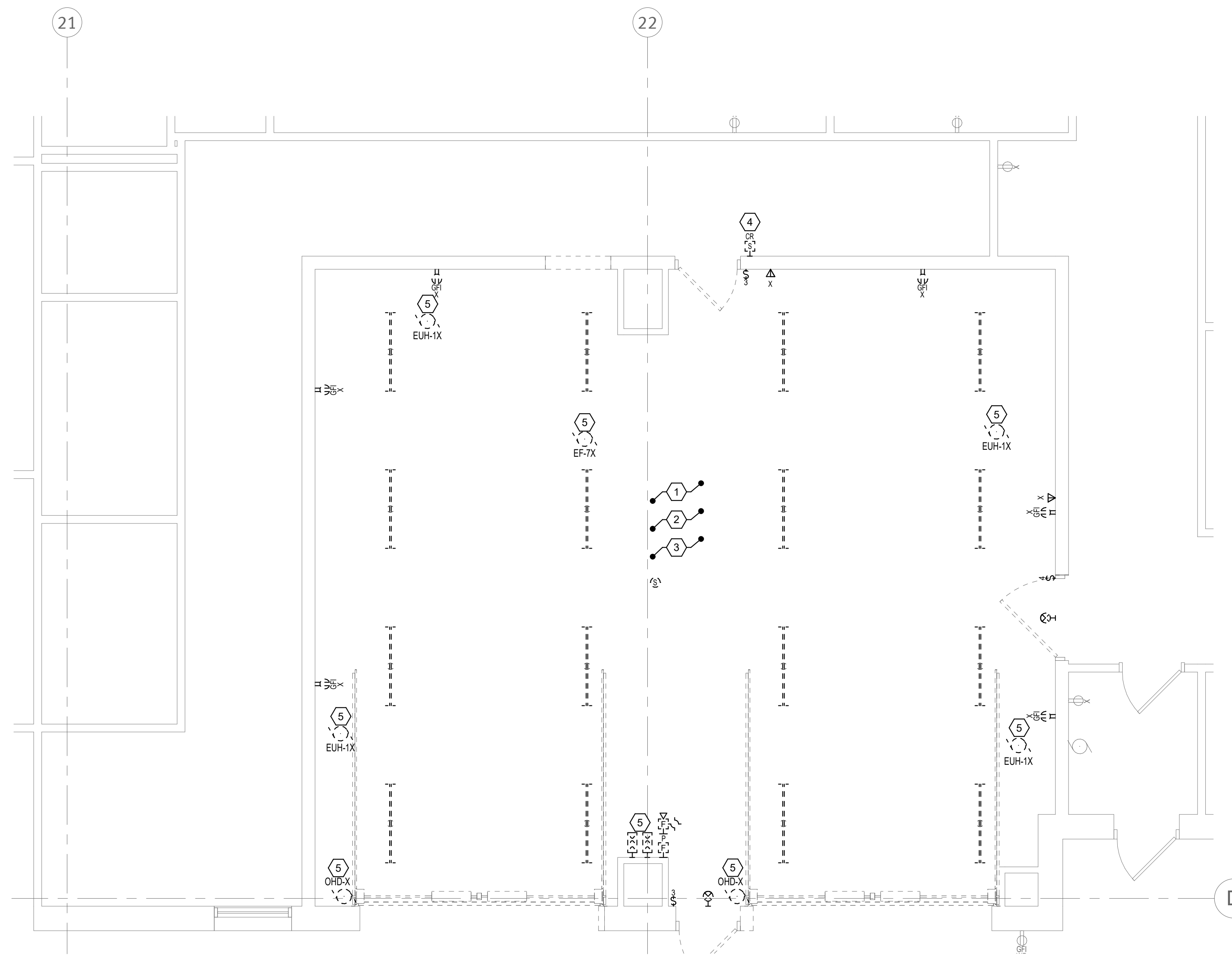
E1.2

GENERAL NOTES

- A. FOR ITEMS TO BE REMOVED, REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX UNLESS NOTED OTHERWISE. LABEL WIRES AS SPARE. IF DEVICES IS ON ITS OWN CIRCUIT. REMOVE WIRING FROM CIRCUIT BREAKER AND LABEL CIRCUIT BREAKER AS 'SPARE'. FOR DEVICES SHOWN TO BE REMOVED IN WALLS THAT REMAIN, REMOVE DEVICE AND PROVIDE BLANK STAINLESS STEEL COVER PLATE. REMOVE WIRING AND CONDUIT IN ALL WALLS AND CEILING BEING REMOVED. ENSURE CONTINUITY TO ALL EXISTING RECEPTACLES, LIGHTS AND ALL OTHER DEVICES THAT REMAIN.
- B. FIELD VERIFY EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CHANGES WHICH OCCUR AFTER BIDS ARE SUBMITTED DUE TO EXISTING CONDITIONS.
- C. CUTTING AND PATCHING AS REQUIRED FOR COMPLETION OF ELECTRICAL WORK SHALL BE CARRIED OUT BY THIS CONTRACTOR.
- D. EXISTING BRANCH CIRCUITS FOR PHARMACY AREA ARE HOME RUN TO ELECTRICAL ROOM P10. EXISTING BRANCH CIRCUITS FOR THE AMBULANCE GARAGE AREA ARE HOME RUN TO ROOM W31.
- E. DATA/COMMUNICATION CIRCUITS FOR PHARMACY AREA ARE HOME RUN TO TELECOM ROOM T40/P12. DATA/COMMUNICATION CIRCUITS FOR AMBULANCE GARAGE AREA ARE HOME RUN TO TELECOM ROOM W38.

PLAN NOTES

- 1. DISCONNECT AND REMOVE LIGHTING EQUIPMENT IN THIS SPACE, INCLUDING LIGHT FIXTURES, SWITCHES, EMERGENCY AND NORMAL LIGHTING WIRING. ALSO FIRE ALARM DEVICES AS SHOWN. MAINTAIN CONTINUITY TO REMAINING CIRCUITS.
- 2. DISCONNECT AND REMOVE DEVICES AND CIRCUITS SHOWN IN WALLS REMAINING AND TO BE REMOVED. WHERE CONDUITS FOR DEVICES COME FROM FLOOR SAW CUT AND PROVIDE FLOOR BOXES AND WIRING AT LOCATIONS TO ENABLE CIRCUIT CONTINUITY. UTILIZE ON GRADE BOXES SIMILAR TO WIREMOLD 880 SERIES ONE GANG OR TWO GANG WITH SOLID COVERS. COLOR BY ARCHITECT.
- 3. EXISTING MOUNTED DEVICES SUCH AS CAMERAS, MOTION SENSORS, SPEAKERS, WIRELESS ACCESS ARE TO BE DISCONNECTED TO FACILITATE THE CEILING INSTALLATION. RE-INSTALL AT NEW CEILING LOCATIONS AS SHOWN ON SHEET E3.3.
- 4. DISCONNECT AND REMOVE EXISTING DOOR CONTROLS TO ENABLE DOOR REMOVAL. SALVAGE EXISTING CARD READER FOR REUSE BY OWNER'S VENDOR.
- 5. DISCONNECT POWER TO EXISTING MECHANICAL EQUIPMENT IN THIS SPACE TO ENABLE REMOVAL. DISCONNECT AND REMOVE ASSOCIATED ELECTRICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR OR OTHER TRADES.



1 Ambulance Garage - Electrical Demolition
E1.2 1/4" = 1'-0"
0 2 4 8

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
 SISSETON, SD 57262

project #: 020053.00
 date: 07/22/2022
 drawn by: LLA
 checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruba*
 name: JAY S. HRUBA P.E.
 reg. #: 8782
 sign date: 01/12/2024

edi-dolejs consulting engineers
 minneapolis | markato
 1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
 1624 North Riverfront Drive Markato, MN 56001 (507) 625-7869

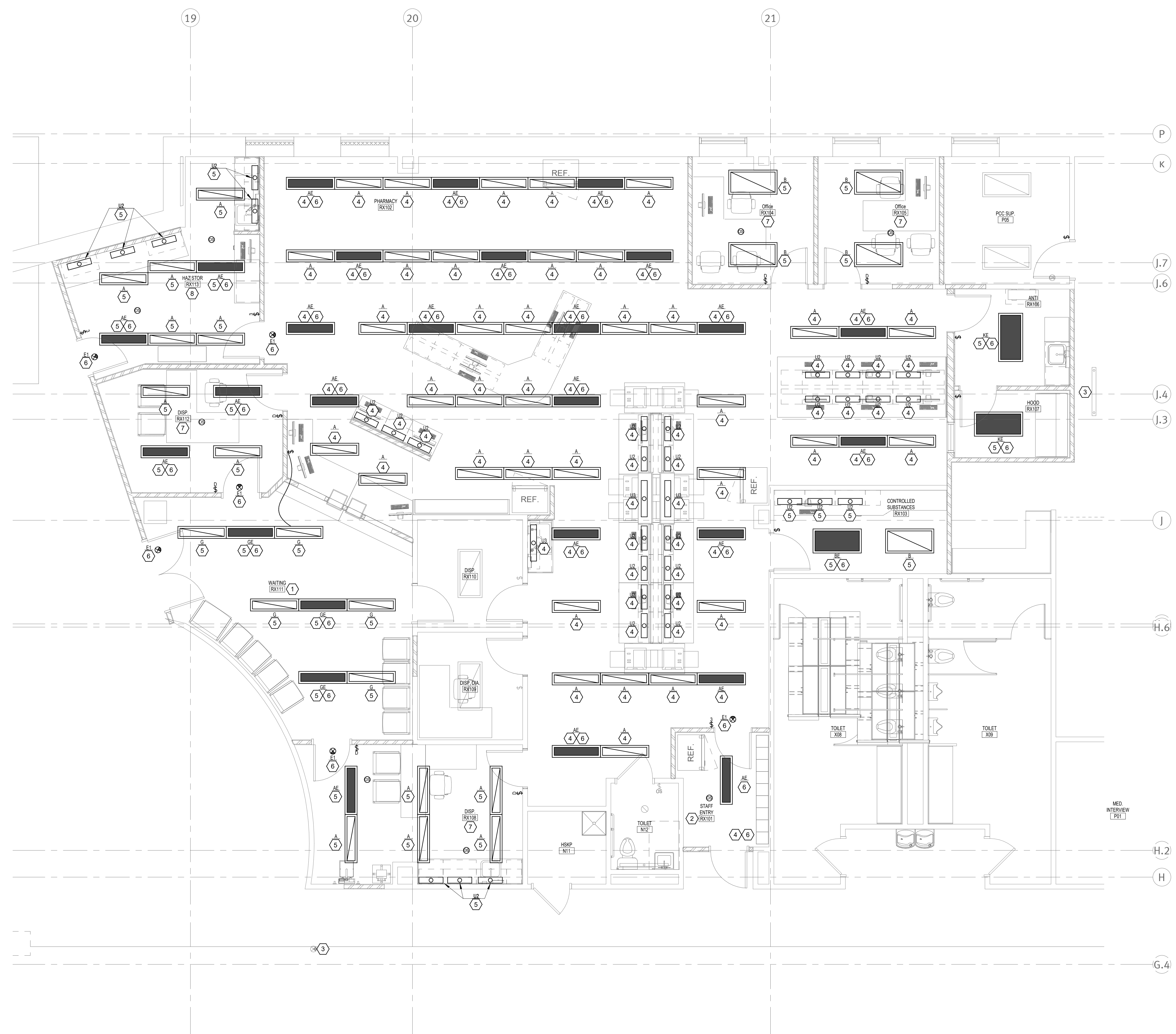
GENERAL NOTES

A. PROVIDE AN ADDITIONAL ELECTRICAL CONNECTION TO ALL EMERGENCY LIGHT FIXTURES. ELECTRICAL CONNECTION TO BE FEED FROM UNSWITCHED LEG OF THE CIRCUIT FEEDING THE LIGHT FIXTURES IN THE ROOM/AREA THEY ARE LOCATED IN.

B. PROVIDE PROPER NUMBER OF CONDUCTORS AND CONTROL WIRES TO ACHIEVE CIRCUITING AND LIGHTING CONTROL AS SHOWN.

PLAN NOTES

- WAITING:**
 - INTERIOR LIGHTING SHALL BE CONTROLLED WITH LOW-VOLTAGE OCCUPANCY SENSOR AND LOW-VOLTAGE SWITCH.
 - THE LOW-VOLTAGE WALL SWITCH/S AND SENSOR SHALL PROVIDE MANUAL (24 HOUR/7 DAYS A WEEK) CONTROL AS WELL AS A TIME OF DAY 'ON' SCHEDULE BETWEEN THE HOURS OF 7 A.M. TO 6 P.M. DURING THE WEEK-DAYS.
 - THE SENSOR/S SHALL ALSO PROVIDE AUTOMATIC 'ON' (24 HOUR/7 DAYS A WEEK) CONTROL OF WITH A 15 MINUTE TIME-OUT SETTING AFTER HOURS WHICH WILL THEN TURN THE LIGHTS 'OFF'.
- STAFF ENTRY:**
 - THE LIGHTING SHALL BE CONTROLLED VIA CEILING MOUNTED OCCUPANCY SENSOR; THE CEILING MOUNTED OCCUPANCY SENSOR SHALL 'TURN ON & OFF' ALL LIGHTING IN THE SPACE. WHEN NOT OCCUPIED THE TIME DELAY OFF SHALL BE SET AT 15 MINUTES.
- PROVIDE NEW WIRING BETWEEN THESE CIRCUITS AS PER PLAN NOTE #11 ON SHEET E1.1.
- FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION.
- FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION.
- FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4S TO FEED NEW EMERGENCY LIGHTING CIRCUITS AS NOTED IN PHARMACY AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION. PROVIDE CONNECTION TO EMERGENCY LIGHT CIRCUIT VIA GENERATOR TRANSFER DEVICE.
- SMALL OFFICE, EXAM & CONFERENCE/MEETING ROOMS:**
 - THE LIGHTING IN THE ROOM SHALL BE CONTROLLED VIA 0-10 VOLT DIMMER SWITCHES AND OCCUPANCY SENSORS.
 - THE 0-10 VOLT DIMMER SWITCHES SHALL 'TURN ON/OFF/RAISE/LOWER' ALL LIGHTING IN THE SPACE.
 - THE OCCUPANCY SENSOR/S SHALL 'TURN OFF' ALL LIGHTING IN THE SPACE WHEN THE OFFICE IS NOT OCCUPIED FOR A FIELD ADJUSTABLE TIME. TIME DELAY OFF SHALL BE SET AT 15 MINUTES.
 - THE SYSTEM SHALL BE CONFIGURED FOR MANUAL ON OPERATION.
- LARGE STORAGE ROOMS:**
 - LIGHTING SHALL BE CONTROLLED WITH LOW-VOLTAGE OCCUPANCY SENSOR AND LOW-VOLTAGE SWITCH
 - THE LOW-VOLTAGE SWITCHES SHALL 'TURN ON/OFF' ALL LIGHTING IN THE SPACE.
 - THE OCCUPANCY SENSOR/S SHALL 'TURN OFF' ALL LIGHTING IN THE SPACE WHEN THE OFFICE IS NOT OCCUPIED FOR A FIELD ADJUSTABLE TIME. TIME DELAY OFF SHALL BE SET AT 15 MINUTES.
- CORRIDORS:**
 - INTERIOR CORRIDOR LIGHTING LOW-VOLTAGE SWITCH AND TIME OF DAY.
 - THE LOW-VOLTAGE WALL SWITCH/S SHALL PROVIDE MANUAL 'ON AND OFF' (24 HOUR/7 DAYS A WEEK) CONTROL OF SWITCH LEG (a). A TIME OF DAY 'OFF' SCHEDULE BETWEEN THE HOURS OF 7 A.M. TO 6 P.M. DURING THE WEEK-DAYS.
 - WHEN SWITCH LEG (a) IS TURNED OFF LOW LEVEL WALKWAY NIGHT LIGHTING SWITCH LEG (b) SHALL BE TURNED ON. WHEN SWITCH LEG (a) IS TURN ON LOW LEVEL WALKWAY NIGHT LIGHT SWITCH LEG (b) SHALL BE TURNED OFF.
- FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H5N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION



1 Pharmacy - Lighting
 E2.1 1/4" = 1'-0"

revision / issue	no.	date

PHARMACY - LIGHTING
 sheet number: E2.1

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

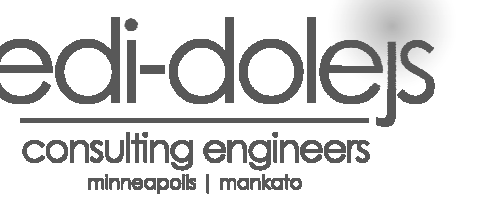
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruby*

printed name: JAY S. HRUBY P.E.

reg. #: 8782

sign date: 01/12/2024



1112 North 5th Street Minneapolis, MN 55411
1624 North Riverfront Drive Markato, MN 56031
(612) 343-5965 (507) 625-7869

revision / issue	no.	date
------------------	-----	------

GENERAL NOTES

A. PROVIDE AN ADDITIONAL ELECTRICAL CONNECTION TO ALL EMERGENCY LIGHT FIXTURES. ELECTRICAL CONNECTION TO BE FEED FROM UNSWITCHED LEG OF THE CIRCUIT FEEDING THE LIGHT FIXTURES IN THE ROOM/AREA THEY ARE LOCATED IN.

B. PROVIDE PROPER NUMBER OF CONDUCTORS AND CONTROL WIRES TO ACHIEVE CIRCUITING AND LIGHTING CONTROL AS SHOWN.

PLAN NOTES

1. **WAITING:**

a. INTERIOR LIGHTING SHALL BE CONTROLLED WITH LOW-VOLTAGE OCCUPANCY SENSOR AND LOW-VOLTAGE SWITCH.

b. THE LOW-VOLTAGE WALL SWITCH/S AND SENSOR SHALL PROVIDE MANUAL (24 HOUR/7 DAYS A WEEK) CONTROL AS WELL AS, A TIME OF DAY 'ON' SCHEDULE BETWEEN THE HOURS OF 7 A.M. TO 6 P.M. DURING THE WEEK-DAYS.

c. THE SENSOR/S SHALL ALSO PROVIDE AUTOMATIC 'ON' (24 HOUR/7 DAYS A WEEK) CONTROL, OF WITH A 15 MINUTE TIME-OUT SETTING AFTER HOURS WHICH WILL THEN TURN THE LIGHTS 'OFF'.

2. **STAFF ENTRY:**

a. THE LIGHTING SHALL BE CONTROLLED VIA CEILING MOUNTED OCCUPANCY SENSOR. THE CEILING MOUNTED OCCUPANCY SENSOR SHALL 'TURN ON & OFF' ALL LIGHTING IN THE SPACE. WHEN NOT OCCUPIED THE TIME DELAY OFF SHALL BE SET AT 15 MINUTES.

3. PROVIDE NEW WIRING BETWEEN THESE CIRCUITS AS PER PLAN NOTE #11 ON SHEET E1.1.

4. FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION.

5. FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION.

6. FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H4LS TO FEED NEW EMERGENCY LIGHTING CIRCUITS AS NOTED IN PHARMACY AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION. PROVIDE CONNECTION TO EMERGENCY LIGHT CIRCUIT VIA GENERATOR TRANSFER DEVICE.

7. **SMALL OFFICE, EXAM & CONFERENCE/MEETING ROOMS:**

A. THE LIGHTING IN THE ROOM SHALL BE CONTROLLED VIA 0-10 VOLT DIMMER SWITCHES AND OCCUPANCY SENSOR/S.

B. THE 0-10 VOLT DIMMER SWITCHES SHALL 'TURN ON/OFF/RAISE/LOWER' ALL LIGHTING IN THE SPACE.

C. THE OCCUPANCY SENSOR/S SHALL 'TURN OFF' ALL LIGHTING IN THE SPACE WHEN THE OFFICE IS NOT OCCUPIED FOR A FIELD ADJUSTABLE TIME. TIME DELAY OFF SHALL BE SET AT 15 MINUTES.

D. THE SYSTEM SHALL BE CONFIGURED FOR MANUAL ON OPERATION.

8. **LARGE STORAGE ROOMS:**

A. LIGHTING SHALL BE CONTROLLED WITH LOW-VOLTAGE OCCUPANCY SENSOR AND LOW-VOLTAGE SWITCH.

B. THE LOW-VOLTAGE SWITCHES SHALL 'TURN ON/OFF' ALL LIGHTING IN THE SPACE.

C. THE OCCUPANCY SENSOR/S SHALL 'TURN OFF' ALL LIGHTING IN THE SPACE WHEN THE OFFICE IS NOT OCCUPIED FOR A FIELD ADJUSTABLE TIME. TIME DELAY OFF SHALL BE SET AT 15 MINUTES.

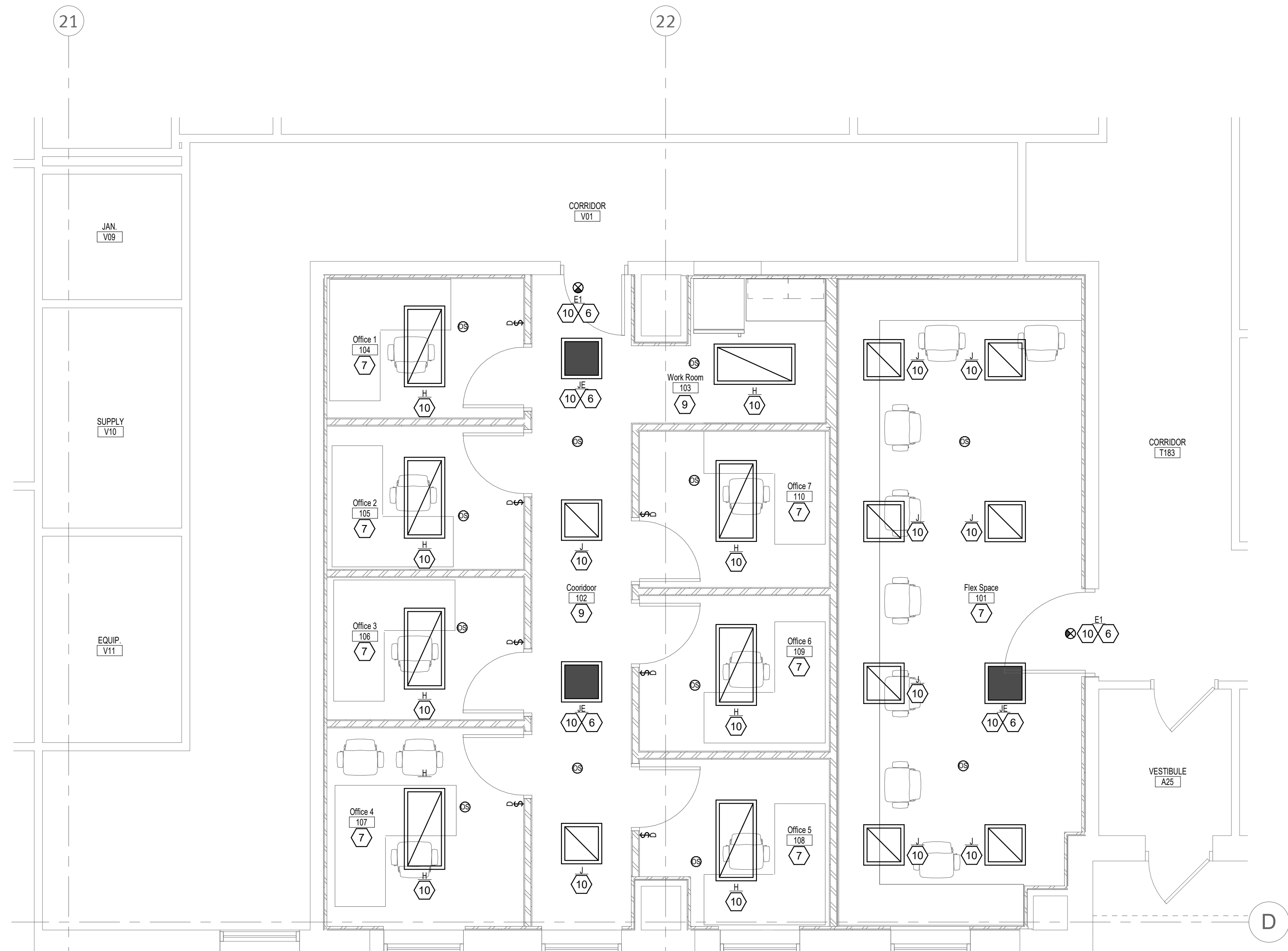
9. **CORRIDORS:**

A. INTERIOR CORRIDOR LIGHTING LOW-VOLTAGE SWITCH AND TIME OF DAY.

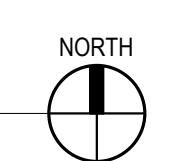
B. THE LOW-VOLTAGE WALL SWITCH/S SHALL PROVIDE MANUAL 'ON AND OFF' (24 HOUR/7 DAYS A WEEK) CONTROL OF SWITCH LEG (a). A TIME OF DAY 'OFF' SCHEDULE BETWEEN THE HOURS OF 7 A.M. TO 6 P.M. DURING THE WEEK-DAYS.

C. WHEN SWITCH LEG (a) IS TURNED OFF LOW LEVEL WALKWAY NIGHT LIGHTING SWITCH LEG (b) SHALL BE TURNED ON. WHEN SWITCH LEG (a) IS TURN ON LOW LEVEL WALKWAY NIGHT LIGHT SWITCH LEG (b) SHALL BE TURNED OFF.

10. FURNISH AND INSTALL (3)#12AWG IN 1/2" CONDUIT FROM PANEL H5N TO FEED NEW LIGHTING CIRCUITS AS NOTED IN AREA. SEE SHEET E3.1 FOR ADDITIONAL INFORMATION.



1
E2.2 Ambulance Garage - Lightings
1/4" = 1'-0"
0 2 4 8



WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruba*

printed name: JAY S. HRUBA P.E.

reg. #: 8782

sign date: 01/12/2024

edi-doleys
consulting engineers
minneapolis | monticello

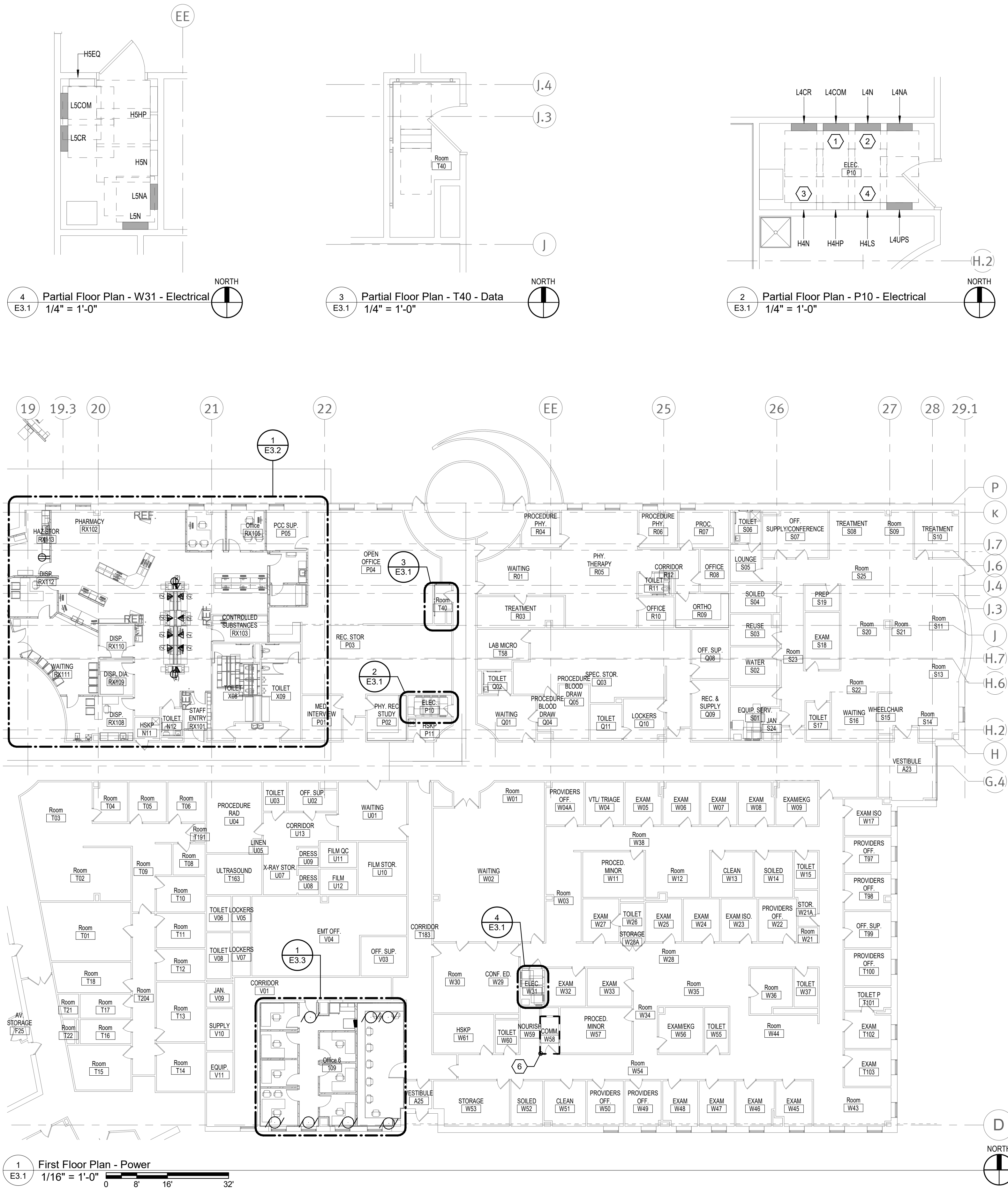
1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Monticello, MN 56001 (507) 625-7869

GENERAL NOTES

- A. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
- B. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON THIS DRAWING.
- C. WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
- D. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- E. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN.
- F. CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANEL BOARD BREAKERS (SEE PANEL BOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.
- G. USE #10 AWG CONDUCTORS FOR 20 AMPERE. 120 VOLT BRANCH CIRCUITS LONGER THAN 75 FEET, UNLESS SPECIFICALLY INDICATED OTHERWISE. THIS SHALL BE REQUIRED FOR THE ENTIRE LENGTH OF THE CIRCUIT.
- H. ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECTURAL INTERIOR ELEVATIONS AND MILLWORK SHOP DRAWINGS.
- I. RECEPTACLES FED FROM UPS CIRCUITS SHALL BE RED IN COLOR. RECEPTACLES FED FROM L4COM PANEL SHALL BE ORANGE IN COLOR. NORMAL RECEPTACLES SHALL BE WHITE. COORDINATE WITH OWNER ON COLORS.
- J. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN BOXES, CABLING, AND 120-VOLT POWER FOR SECURITY AND ACCESS CONTROL EQUIPMENT. EQUIPMENT TERMINATIONS AND TESTING SHALL BE BY THE OWNER'S VENDOR. COORDINATE WIRING REQUIREMENTS WITH VENDOR SUPPLYING EQUIPMENT.
- K. DIVISION 26 SHALL PROVIDE ALL RACEWAYS FOR LOW-VOLTAGE WIRING SPECIFIED IN DIVISION 27.
- L. ELECTRICAL CONTRACTOR TO VERIFY POWER AND DATA LOCATIONS WITH OWNER'S FURNITURE LAYOUT PRIOR TO INSTALLATION.
- M. DIVISION 27 CONTRACTOR SHALL COORDINATE COLOR OF DATA/COM RECEPTACLES WITH OWNER.

PLAN NOTES

- 1. EXISTING PANEL L4COM IS A SQUARE D 150 AMP 208/120 VOLT 3 PHASE PANEL. FURNISH AND INSTALL A 100/3 POLE BREAKER IN PANEL L4COM TO FEED NEW PANEL L4COM2 IN PHARMACY. SEE SHEET E3.2 PLAN NOTE 13 FOR MORE DETAILS.
- 2. EXISTING PANEL L4N IS A SQUARE D 150 AMP 208/120 VOLT 3 PHASE PANEL. FURNISH AND INSTALL A 100/3 POLE BREAKER IN PANEL L4N TO FEED NEW PANEL LAN2 IN PHARMACY. SEE SHEET E3.2 PLAN NOTE 15 FOR MORE DETAILS.
- 3. EXISTING PANEL H4N IS A SQUARE D 250 AMP 480/277 VOLT 3 PHASE PANEL. FURNISH AND INSTALL TWO (2) 20/1 POLE BREAKERS IN PANEL H4N TO FEED NEW LIGHTING CIRCUITS IN PHARMACY AREA.
- 4. EXISTING PANEL H4LS IS A SQUARE D 100 AMP 480/277 VOLT 3 PHASE PANEL. FURNISH AND INSTALL TWO (2) 20/1 POLE BREAKERS IN PANEL H4LS TO FEED NEW EMERGENCY LIGHTING CIRCUITS IN PHARMACY AREA.
- 5. EXISTING PANEL L5N IS A SQUARE D 225 AMP 208/120 VOLT 3 PHASE PANEL. FURNISH AND INSTALL THREE (3) POLE BREAKERS IN PANEL L5N TO FEED NEW PANEL L5NB IN FORMER AMBULANCE GARAGE. SEE SHEET E3.3 PLAN NOTE 1 FOR MORE DETAILS.
- 6. EXISTING DATA/COMM ROOM W58. ROUTE ALL DATA/COMM CIRCUITS FROM UPGRADED AMBULANCE GARAGE SPACE TO THIS ROOM. PROVIDE PATCH PANELS AS NEEDED.



revision / issue	no.	date

sheet title: **FIRST FLOOR PLAN- POWER & SYSTEMS**
sheet number: **E3.1**

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruby*

printed name: JAY S. HRUBY P.E.

reg. #: 8782

sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | marquette

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Marquette, MN 56021 (507) 625-7869

revision / issue	no.	date

PHARMACY - POWER & SYSTEMS

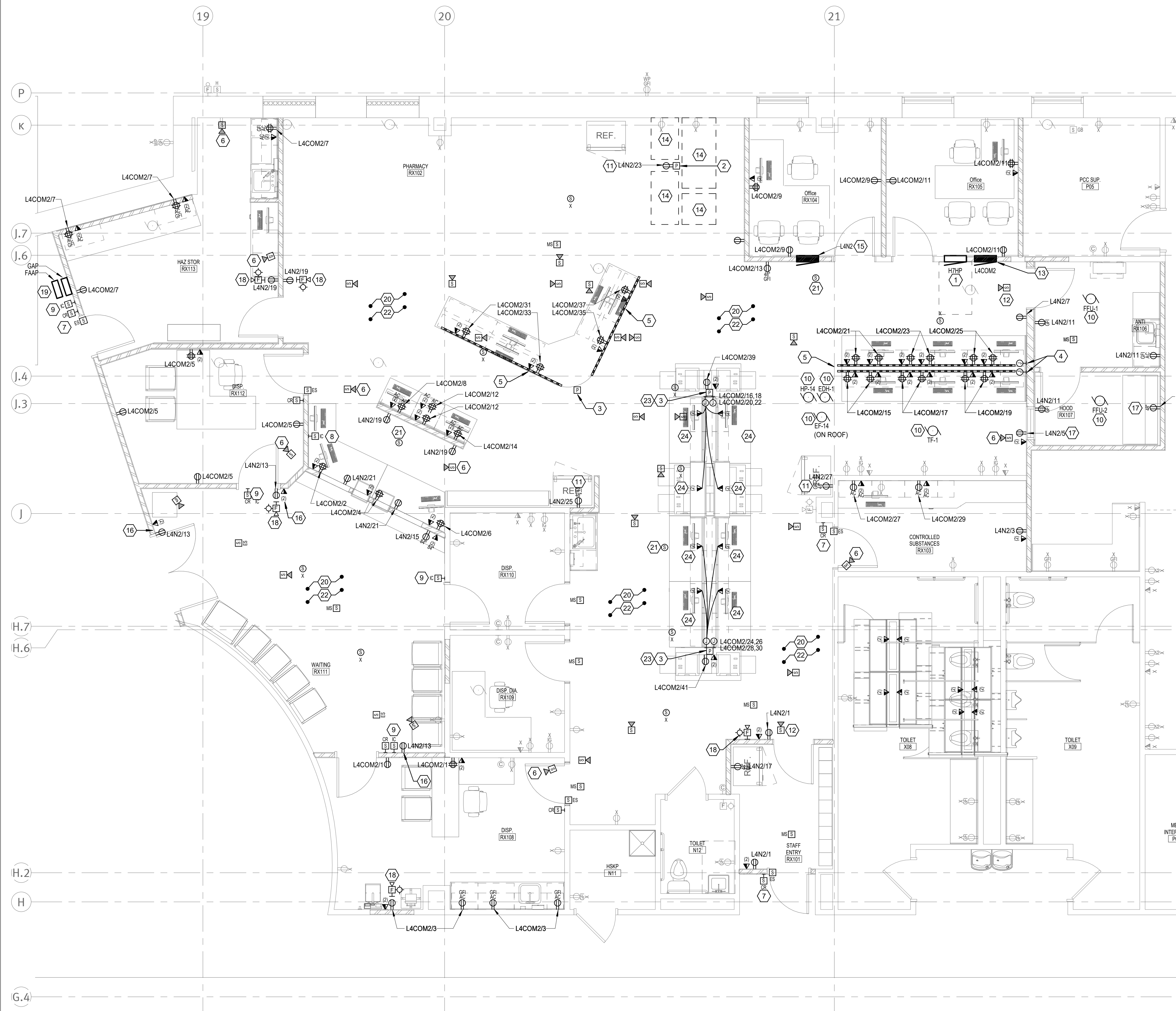
sheet title:
sheet number:
E3.2

GENERAL NOTES

- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON THIS DRAWING.
- WHERE CONNECTED TO A 20A BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
- VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN.
- CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.
- USE #10 AWG CONDUCTORS FOR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 75 FEET, UNLESS SPECIFICALLY INDICATED OTHERWISE. THIS SHALL BE REQUIRED FOR THE ENTIRE LENGTH OF THE CIRCUIT.
- ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECTURAL INTERIOR ELEVATIONS AND MILLWORK SHOP DRAWINGS.
- RECEPTACLES FED FROM UPS CIRCUITS SHALL BE RED IN COLOR. RECEPTACLES FED FROM L4COM PANEL SHALL BE ORANGE IN COLOR. NORMAL RECEPTACLES SHALL BE WHITE. COORDINATE WITH OWNER ON COLORS.
- DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN BOXES, CABLING, AND 120-VOLT POWER FOR SECURITY AND ACCESS CONTROL EQUIPMENT. EQUIPMENT TERMINATIONS AND TESTING SHALL BE BY THE OWNER'S VENDOR. COORDINATE WIRING REQUIREMENTS WITH VENDOR SUPPLYING EQUIPMENT.
- DIVISION 26 SHALL PROVIDE ALL RACEWAYS FOR LOW-VOLTAGE WIRING SPECIFIED IN DIVISION 27.
- ELECTRICAL CONTRACTOR TO VERIFY POWER AND DATA LOCATIONS WITH OWNER'S FURNITURE LAYOUT PRIOR TO INSTALLATION.
- DIVISION 27 CONTRACTOR SHALL COORDINATE COLOR OF DATA/COM RECEPTACLES WITH OWNER.

PLAN NOTES

- RELOCATE EXISTING PANELBOARD H7HP TO THIS LOCATION. EXTEND WIRING AND CONDUITS FOR CONNECTIONS TO EXISTING EQUIPMENT. REFER TO SCHEDULE FOR DETAILS.
- RELOCATE EXISTING POWER POLE FOR DISPENSING UNIT AND ADJACENT EQUIPMENT TO NEW LOCATION SHOWN. PROVIDE POWER AND DATA CONNECTIONS FOR THE UNIT AND ADJACENT EQUIPMENT UTILIZING EXISTING L4UPS CIRCUITS AND SIX (6) DATA CONNECTIONS.
- FURNISH AND INSTALL A POWER POLE FROM CEILING TO FLOOR TO FEED POWER AND DATA TO EACH WORKSTATION AS SHOWN. UTILIZE WIREMOLD SERIES 2557C BLANK POLE OR EQUAL. PROVIDE FOR CUSTOM COLOR. COORDINATE WITH ARCHITECT ON COLOR SELECTION.
- PROVIDE JUNCTION BOXES FOR POWER AND DATA FEEDS TO WORKSTATION WIREMOLD RUNS. COORDINATE WITH WORKSTATION SUPPLIER FOR INSTALLATION. UTILIZE LFMC CONDUIT AS NEEDED FOR CONNECTIONS FROM JUNCTION BOXES.
- FURNISH AND INSTALL TWO (2) SETS OF WIREMOLD AL5090 SERIES RACEWAY TO ACCOMMODATE POWER AND DATA RECEPTACLES AS SHOWN. INSTALL ONE (1) SET TO FEED EACH SIDE OF RECEPTACLES AS SHOWN UNDER WORKSTATION COUNTER. COORDINATE WITH THE WORKSTATION SUPPLIER ON INSTALLATION. PROVIDE LFMC FEED WHIPS AS NEEDED.
- FURNISH AND INSTALL ROUGH-IN BOXES AND CAT 6 CABLING FOR NEW CAMERAS AS SHOWN. RUN CABLING TO EXISTING NETWORK SYSTEM IN ROOM T40P12 FOR MONITORING OF THE PHARMACY AREA. CAMERAS, OTHER EQUIPMENT, TERMINATIONS AND PROGRAMMING TO BE PROVIDED BY OWNER'S SECURITY VENDOR. COORDINATE WITH OWNER'S SECURITY VENDOR.
- FURNISH AND INSTALL ROUGH-IN BOXES AND CABLING TO ROOM P10 FOR CARD READERS, CARD READERS, EQUIPMENT, TERMINATIONS AND PROGRAMMING TO BE PROVIDED BY OWNER'S SECURITY VENDOR. COORDINATE WITH THE OWNER'S SECURITY ACCESS CONTROL SUPPLIER.
- FURNISH AND INSTALL AN AIPHONE MASTER STATION IX-AM7 TO BE LOCATED ON WALL. PROVIDE A CAT 6 CABLE CONNECTION FROM NETWORK IN ROOM P12. WIRE AND PROGRAM FOR OPERATION WITH UNITS REF. PLAN NOTE 9.
- FURNISH AND INSTALL A VANDAL RESISTANT AIPHONE DOOR STATION IX-DV1 UNIT TO BE SIP COMPATIBLE FOR OPERATION WITH AN AIPHONE MASTER STATION IX-AM7 AS PER PLAN NOTE 8. PROVIDE A CAT 6 CONNECTION TO NETWORK IN ROOM P12. PROVIDE PROGRAMMING AND WIRING TO OPEN RESPECTIVE DOORS FROM THE MASTER STATION.
- PROVIDE POWER FEED AND CONNECTION TO MECHANICAL EQUIPMENT. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- EXISTING REFRIGERATOR. PROVIDE A 201 POLE GFI BREAKER IN PANEL L4N2 TO FEED UNIT.
- RELOCATE EXISTING CAMERA AND ASSOCIATED EQUIPMENT TO NEW LOCATION SHOWN. PROVIDE NEW CABLING AS NEEDED FROM ROOM T40P12. TERMINATIONS AND PROGRAMMING FOR SATISFACTORY OPERATION TO BE PROVIDED BY OWNER'S SECURITY VENDOR.
- FURNISH AND INSTALL A NEW 208/120 VOLT 3 PHASE 4 WIRE PANEL L4COM2. FEED THIS PANEL VIA A 100 AMP 3 PHASE 4 WIRE CIRCUIT FROM PANEL L4COM IN ROOM P10. UTILIZE FOUR (4) #2 AWG PLUS ONE (1) #8 GROUND IN 1 1/2" CONDUIT. PROVIDE FEEDS TO WORKSTATION CIRCUITS AS SHOWN. SEE SHEET E3.1 FOR PANEL L4COM LOCATION.
- EXISTING RELOCATED DISPENSING EQUIPMENT. CONTRACTOR TO PROVIDE POWER AND DATA CONNECTIONS FROM POWER POLE AS PER PLAN NOTE 2.
- FURNISH AND INSTALL A NEW 208/120 VOLT 3 PHASE 4 WIRE PANEL L4N2. FEED THIS PANEL VIA A 100 AMP 3 PHASE 4 WIRE CIRCUIT FROM PANEL L4N IN ROOM P10. UTILIZE FOUR (4) #2 AWG PLUS ONE (1) #8 GROUND IN 1 1/2" CONDUIT. PROVIDE FEEDS TO NORMAL CIRCUITS AS SHOWN. SEE SHEET E3.1 FOR PANEL L4N LOCATION.
- PROVIDE TAMPER RESISTANT RECEPTACLE AT THIS LOCATION.
- PROVIDE INDIVIDUAL CIRCUIT TO RECEPTACLE AS SHOWN FOR FEEDING MECHANICAL EQUIPMENT.
- FURNISH AND INSTALL NEW FIRE ALARM DEVICES AS SHOWN. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXISTING FIRE ALARM IS AN ADDRESSABLE UNIT KIDDE VS4 LOCATED IN ROOM H03.
- EXISTING GENERATOR ALARM AND ANNUNCIATOR PANEL TO BE RELOCATED TO THIS LOCATION. EXTEND WIRING AS NEEDED. TEST AND VERIFY SATISFACTORY OPERATION.
- CONTRACTOR TO COORDINATE WITH OWNER'S SECURITY VENDOR ON THE DESIRED LOCATION OF THE EXISTING AND NEW CEILING MOUNTED CAMERAS, MOTION SENSORS AND OTHER SECURITY DEVICES. PROVIDE CABLING AS NEEDED TO ROOM T40P12. COORDINATE LOCATIONS WITH LIGHTING AND HVAC EQUIPMENT.
- FURNISH AND INSTALL A NEW CEILING SPEAKER. CONNECT TO EXISTING PHARMACY ZONE AREA. MATCH TO EXISTING SPEAKERS. COORDINATE LOCATIONS WITH LIGHTING AND HVAC EQUIPMENT.
- ROUTE ALL DATA POINTS IN THESE SPACES TO RACKS IN ROOM T40P12. COORDINATE WITH OWNER'S IT PERSONNEL.
- FURNISH AND INSTALL A FOUR (4) CIRCUIT FEED TO SYSTEM FURNITURE AS SHOWN. UTILIZE #10 AWG FOR PHASE, NEUTRAL AND GROUND CIRCUITS IN 1/2" CONDUIT. PROVIDE WHIPS AS NEEDED FOR FEEDS TO SYSTEM FURNITURE. COORDINATE WITH SUPPLIER. TIE HANDLES OF CIRCUIT BREAKERS FEEDING SYSTEM FURNITURE.
- FURNISH AND INSTALL FOUR (4) 20 AMP DUPLEX RECEPTACLES PER STATION AS SHOWN. COORDINATE WITH SYSTEMS FURNITURE SUPPLIER.



1 Pharmacy - Power & Systems
E3.2
1/4" = 1'-0"

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruby*

printed name: JAY S. HRUBY P.E.

reg. #: 8782

sign date: 01/12/2024

edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56031 (507) 625-7869

revision / issue	no.	date
Addendum 1R	1	7/18/2023

AMBULANCE GARAGE - POWER & SYSTEMS

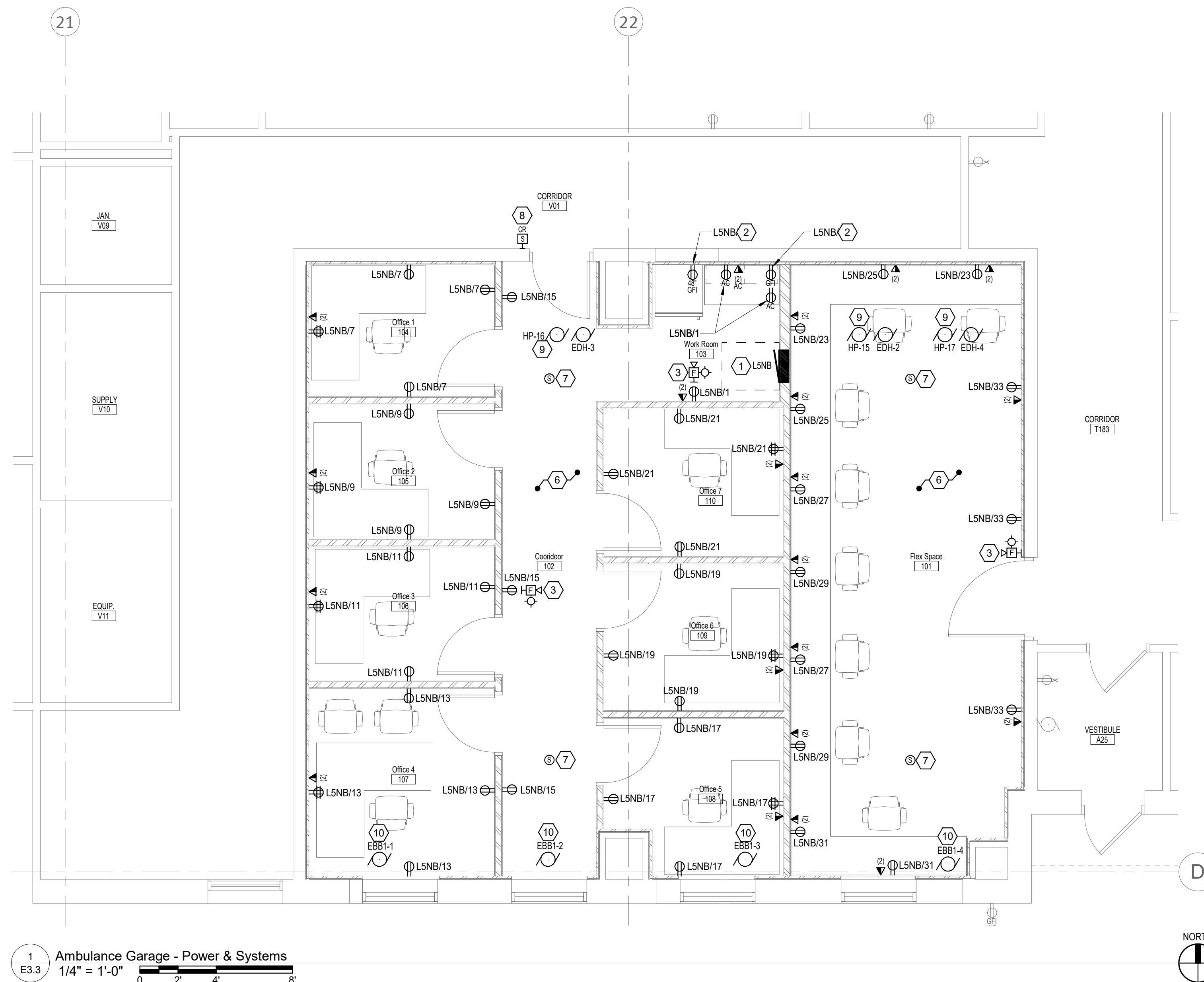
sheet title:

sheet number:

E3.3

PLAN NOTES

- FURNISH AND INSTALL A NEW 208/120 VOLT 3 PHASE 4 WIRE PANEL L5NB. FEED THIS PANEL VIA A 100 AMP 3 PHASE 4 WIRE CIRCUIT FROM PANEL L5N IN ROOM W31. UTILIZE FOUR (4) #2 AWG PLUS ONE (1) #8 GROUND IN 1 1/2" CONDUIT. PROVIDE FEEDS TO CIRCUITS AS SHOWN. SEE SHEET E3.1 FOR PANEL L5N LOCATION.
- REFRIGERATOR. PROVIDE A 20/1 POLE GFI BREAKER IN PANEL L5NB TO FEED UNIT.
- FURNISH AND INSTALL NEW FIRE ALARM DEVICES AS SHOWN. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXISTING FIRE ALARM IS AN ADDRESSABLE UNIT KIDDE VS4 LOCATED IN ROOM H03.
- PROVIDE POWER FEED AND CONNECTION TO MECHANICAL EQUIPMENT. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- PROVIDE INDIVIDUAL CIRCUIT TO RECEPTACLE AS SHOWN FOR FEEDING MECHANICAL EQUIPMENT.
- ROUTE ALL DATA POINTS IN THESE SPACES TO RACKS IN ROOM W58. COORDINATE WITH OWNER'S IT PERSONNEL.
- FURNISH AND INSTALL A NEW CEILING SPEAKER. CONNECT TO EXISTING ZONE AREA. MATCH TO EXISTING SPEAKERS. COORDINATE LOCATIONS WITH LIGHTING AND HVAC EQUIPMENT.
- FURNISH AND INSTALL ROUGH-IN BOXES AND CABLING TO ROOM P10 FOR CARD READERS. CARD READERS, EQUIPMENT, TERMINATIONS AND PROGRAMMING TO BE PROVIDED BY OWNER'S SECURITY VENDOR. COORDINATE WITH THE OWNER'S SECURITY ACCESS CONTROL SUPPLIER.
- FURNISH AND INSTALL A 15/1 POLE BREAKER IN EXISTING DEMOLISHED CIRCUIT FOR EXISTING PANEL H5HP. USE TO FEED EQUIPMENT AS SHOWN. REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR WIRING DETAILS.
- FURNISH AND INSTALL A 20/1 POLE BREAKER IN EXISTING DEMOLISHED CIRCUIT FOR EXISTING PANEL H5HP. USE TO FEED EQUIPMENT AS SHOWN. REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR WIRING DETAILS.



1
E3.3 Ambulance Garage - Power & Systems
1/4" = 1'-0"

WOODROW WILSON KEEBLE MEMORIAL HEALTH CARE CENTER USP COMPLIANCE

100 LAKE TRAVERSE DRIVE
SISSETON, SD 57262

project #: 020053.00

date: 07/22/2022

drawn by: LLA

checked by: LDB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

signature: *Jay S. Hruby*

printed name: JAY S. HRUBY P.E.

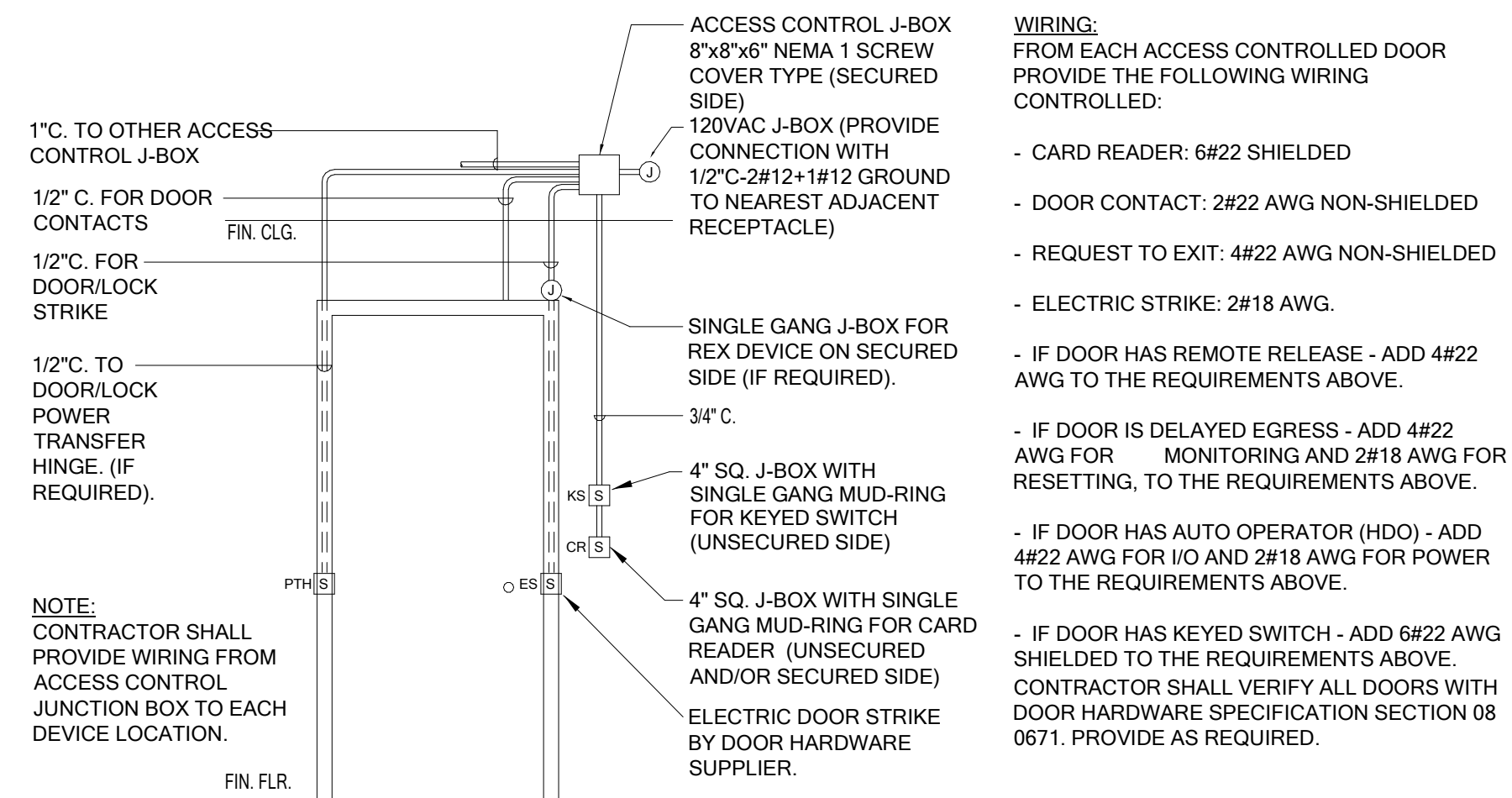
reg. #: 8782

sign date: 01/12/2024

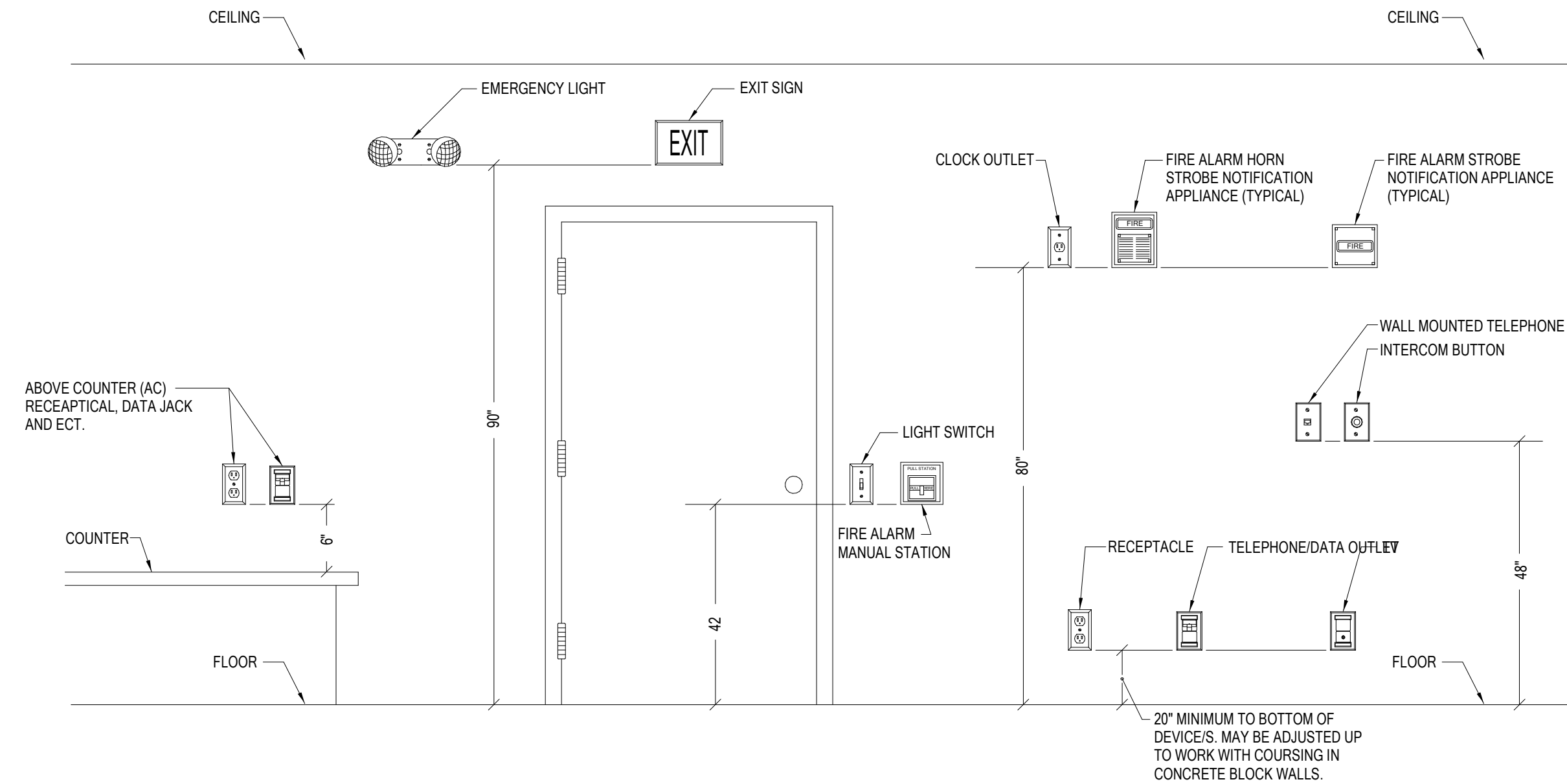
edi-dolejs
consulting engineers
minneapolis | markato

1112 North 5th Street Minneapolis, MN 55411 (612) 343-5965
1624 North Riverfront Drive Markato, MN 56001 (507) 625-7869

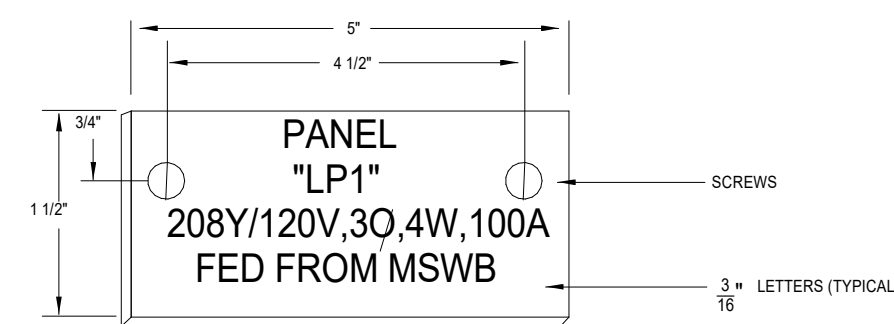
revision / issue	no.	date



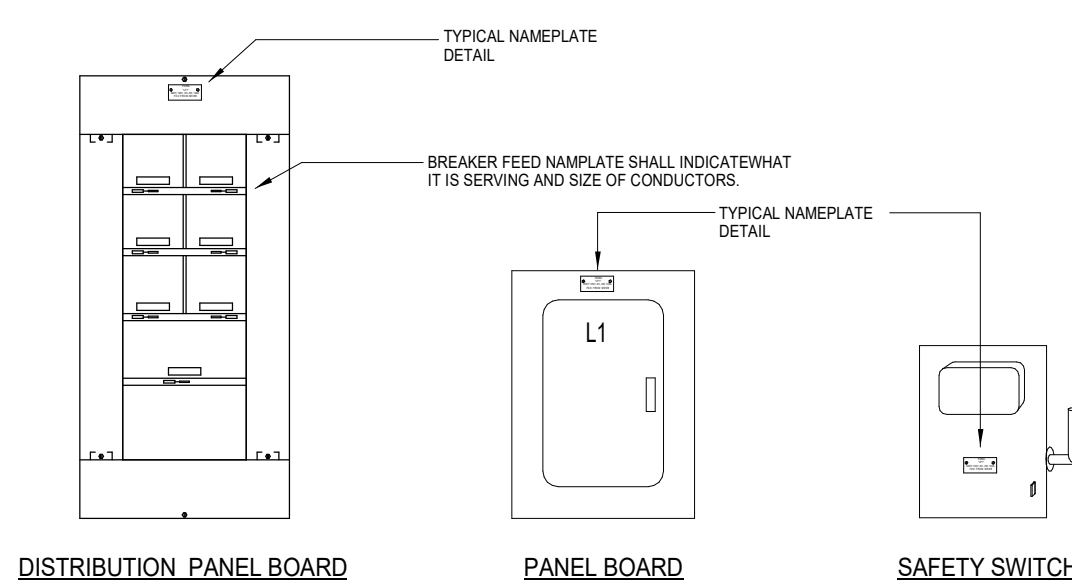
5 Access Control Rough-In Detail
SCALE: NO SCALE



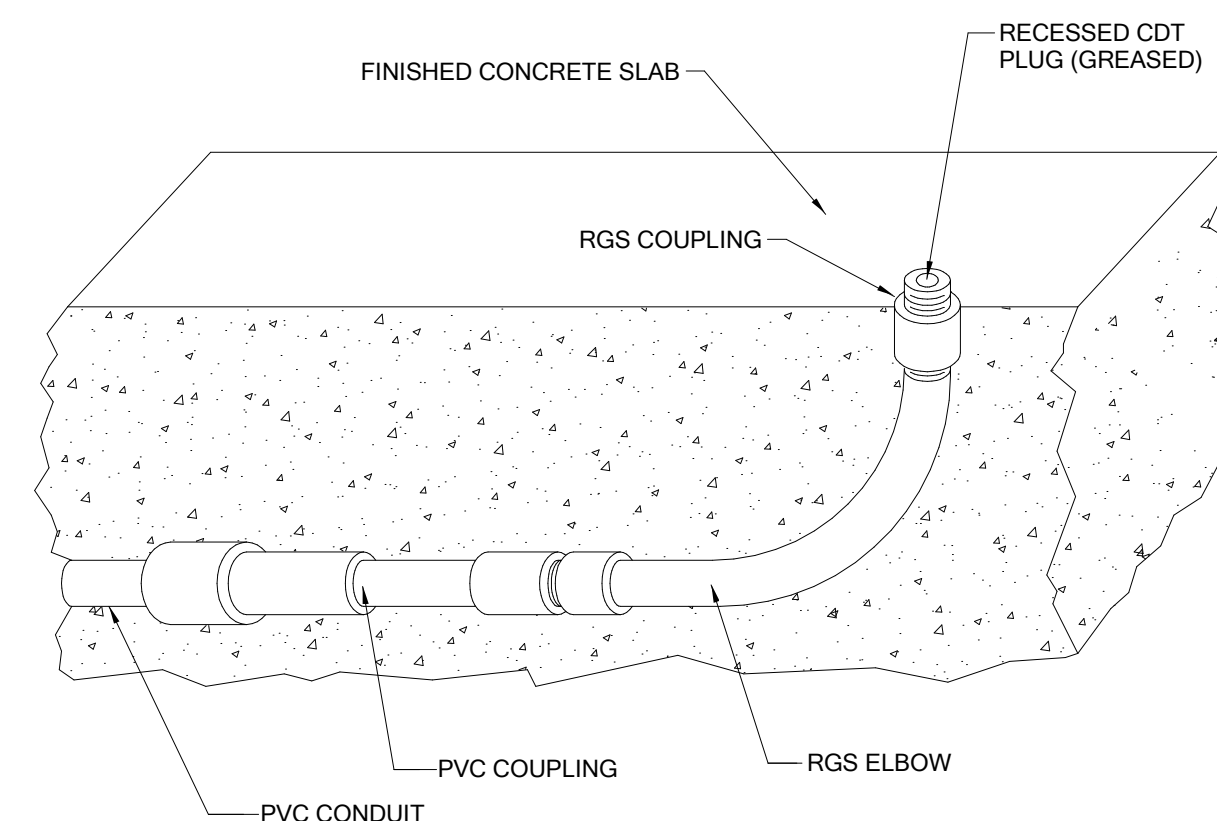
4 Typical Mounting Height Detail
NO SCALE



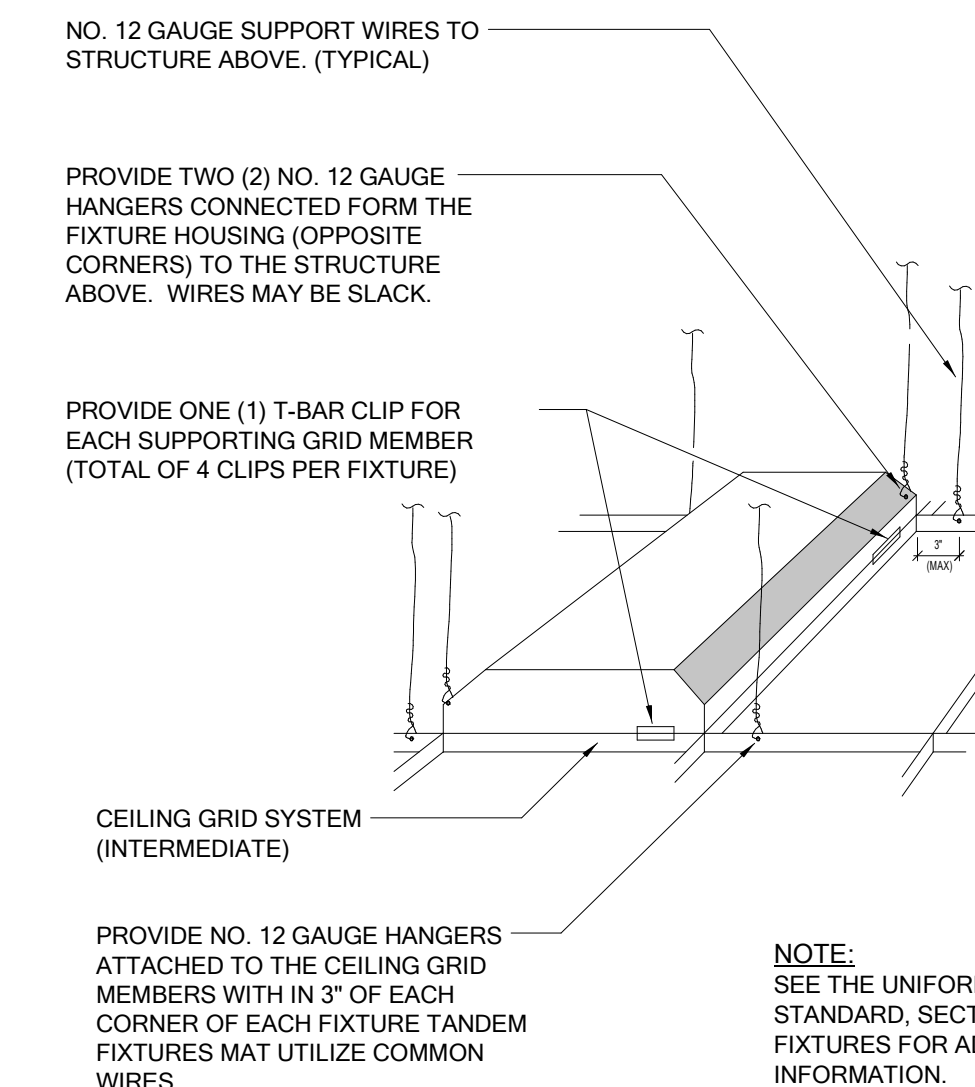
- NOTES:
- REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
 - NAMEPLATE TO BE 1/16\"
 - SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS.
 - NAMEPLATE INFORMATION SHALL INCLUDE DEVICE NAME, SUPPLY VOLTAGE, AMPERAGE AND LOCATION FED FROM.



3 Typical Nameplate Detail
NO SCALE



2 Under Slab Conduit Turn Up Detail
NO SCALE



1 Light Support Detail
NO SCALE

DETAILS -
ELECTRICAL

sheet number: **E5.1**