

# GENERAL NOTES AND CONDITIONS

- PRIOR TO ANY WORK COMMENCING IN AN AREA, THE CONTRACTOR SHALL NOTIFY THE COR OF HIS INTENTION TO WORK IN THE AREA AND SHALL SCHEDULE A WALKTHROUGH WITH THE COR TO DETERMINE EXISTING CONDITIONS. AFTER THE WORK, THE EXISTING WORK AREAS SHALL BE RETURNED TO THEIR ORIGINAL STATE BEFORE FINAL APPROVAL SHALL BE GIVEN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, INVERTS, PIPE SIZES AND MATERIALS, FLUID FLOW DIRECTION(S) AND CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING INSTALLATION OR FABRICATION WORK. (DO NOT SCALE DRAWINGS).
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES EVEN IF THE UTILITIES ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL REPAIR ALL DAMAGES AT THEIR OWN EXPENSE AND WILL BE RESPONSIBLE FOR ANY ADDITIONAL DAMAGES CAUSED BY A SYSTEM BEING DOWN.
- DAMAGE TO EXISTING WALLS, CEILINGS AND FLOORS DUE TO THE WORK OF THIS CONTRACTOR, INCLUDING REMOVAL OF FLOOR DRAIN AND PIPE PENETRATIONS, SHALL BE RESTORED TO ORIGINAL CONDITION. REFER TO ARCHITECTURAL DOCUMENTS FOR FINISHES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ENSURING THAT ALL RULES AND REGULATIONS, INCLUDING THOSE WHICH MAY BE ISSUED BY THE OWNER, ARE BEING OBSERVED, PARTICULARLY WORKPLACE SAFETY AND THE CONDUCT OF ALL THOSE EMPLOYED DIRECTLY AND INDIRECTLY BY HIM ON THE PREMISES, AND THE OWNER'S EMPLOYEES WHO MAY BE IMPACTED OR AFFECTED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL INSTALL SIGNAGE, TEMPORARY FENCES, BARRIERS, AND OTHER MEANS TO PROVIDE WARNING AND PERSONNEL SAFETY. PLACEMENT OF THESE ITEMS WILL BE COORDINATED WITH THE OWNER AND HIS ONGOING OPERATIONS AND WILL PROMPTLY BE RESTORED WHEN WORK IN A PARTICULAR AREA HAS BEEN COMPLETED.
- ALL WORK WILL BE LAWFULLY EXECUTED IN A NEAT AND WORKMANLIKE MANNER AND WILL BE DONE IN ACCORDANCE WITH THE GOVERNING CODES, INDUSTRY STANDARDS AND IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS.
- WORK UNDER THIS CONTRACT SHALL CONSIST OF THE CONTRACTOR PROVIDING ALL LABOR, MATERIALS, AND SERVICES, INCLUDING WORK NOT SPECIFICALLY SHOWN BUT REASONABLY IMPLIED.
- WORK ALL DRAWINGS WITH THE PROJECT SPECIFICATIONS.
- PIPING SHOWN ON RESPECTIVE PLANS OCCURS ABOVE THAT FLOOR OR AT THE CEILING OF THAT FLOOR SERVING THE FLOOR ABOVE UNLESS OTHERWISE NOTED.
- PIPING RISING WITHIN A STORY IS DESIGNATED AS "RISE". PIPING RISING TO ANOTHER STORY IS NOTED AS "UP". PIPING DROPPING WITHIN A STORY IS NOTED AS "DROP". PIPING DROPPING TO ANOTHER STORY IS NOTED AS "DN".
- AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLETELY CLEAN ALL SURFACES OF CONSTRUCTION DEBRIS. SURFACES SHALL BE WIPE CLEAN OF DUST, INCLUDING FIXTURES, NEXT TO FIXTURES AND CLOSE TO MAIN, WINDOW SILLS, DOOR FRAMES, ETC. ANY TOILETS OR SINKS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY CLEANED AFTER THE CONSTRUCTION HAS BEEN COMPLETED USING NATURAL CLEANSER.
- THE CONTRACTOR SHALL RECEIVE ALL DELIVERIES OF MATERIALS, EQUIPMENT, TOOLS, OR OTHER GOODS OFF OF STATION, AND BRING THEM TO THE JOB SITE. THE VA MEDICAL CENTER SHALL NOT ACCEPT DELIVERIES FOR PROJECT PURPOSES.
- COMPLETE LAYOUT DRAWINGS SHALL BE REQUIRED BY PARAGRAPH SUBMITTALS. CONSTRUCTION WORK SHALL NOT START ON ANY SYSTEM UNTIL THE LAYOUT DRAWINGS HAVE BEEN APPROVED BY VA.

# PLUMBING NOTES

- ALL PIPING MATERIALS AND COMPONENTS INCLUDING FITTINGS, PIPE, FLANGES, VALVES, ETC. SHALL BE DESIGNATED, FABRICATED AND INSTALLED PER THE APPROPRIATE SECTIONS OF THE LATEST CODES, VETERAN'S AFFAIRS PLUMBING STANDARDS AND PROJECT CONTRACT DOCUMENTS.
- ALL SANITARY SEWERS 2" AND SMALLER SHALL SLOPE 1/4" PER FOOT (MIN). ALL SANITARY SEWERS 3" AND LARGER SHALL SLOPE 1/8" PER FOOT (MIN) IN THE DIRECTION OF FLOW.
- ALL HORIZONTALLY ROUTED WASTE VENTS SHALL BE INSTALLED WITH A SLOPE TO FACILITATE GRAVITY DRAINAGE TO THE WASTE SYSTEM.
- ALL CLEANOUTS INSTALLED IN THE SEWER SYSTEM SHALL BE SIZED AS FOLLOWS:
 

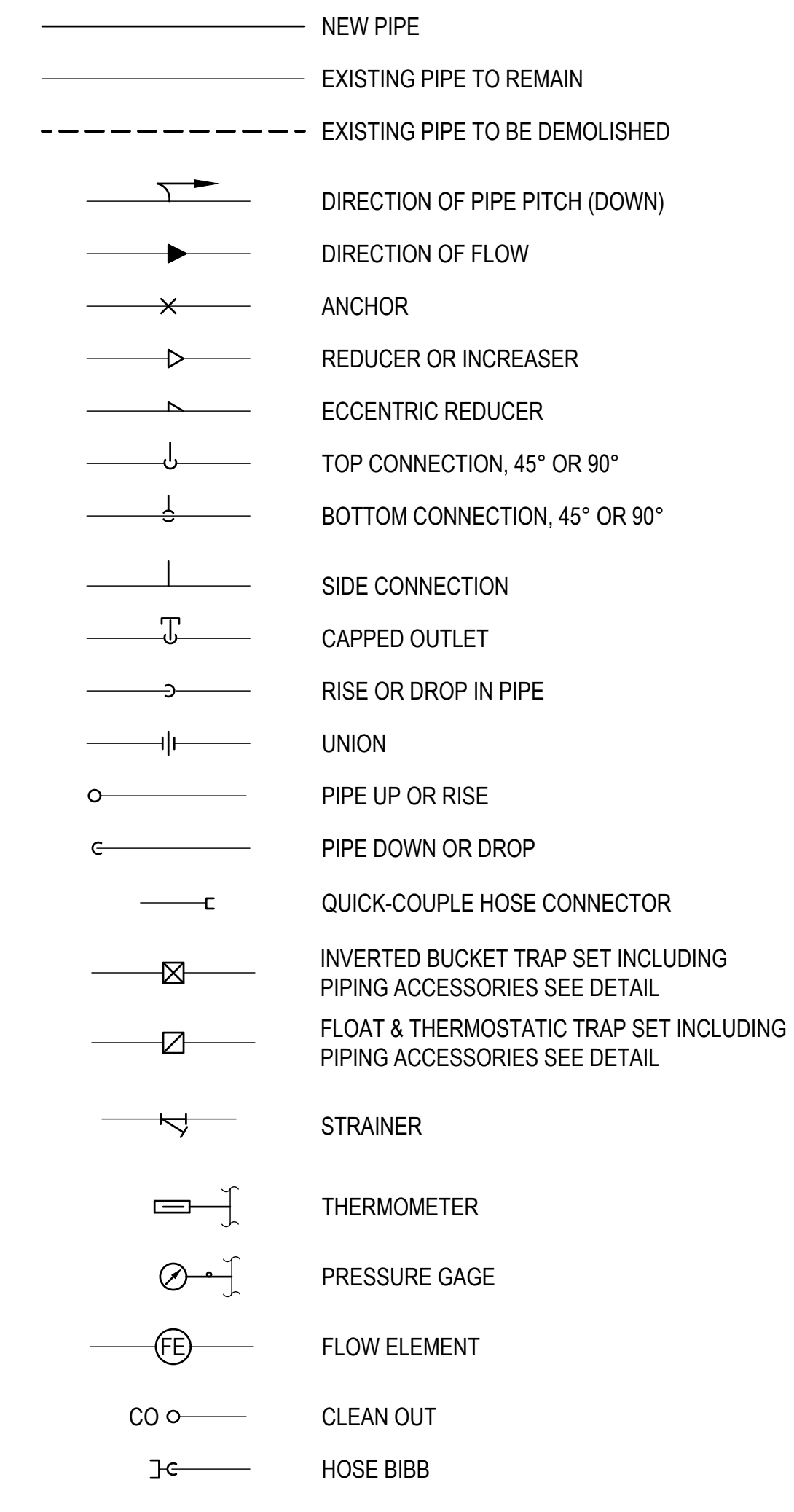
PIPE SIZE	SIZE OF CLEANOUT
2"	2"
2-1/2"	2-1/2"
3"	3"
4" TO 6"	4"
- CLEANOUTS INSTALLED IN HORIZONTAL DRAINAGE PIPING SHALL BE SPACED AT INTERVALS NOT EXCEEDING 100'.
- THE MAXIMUM VERTICAL DISTANCE FROM THE FIXTURE OUTLET (LAVATORY, FLOOR DRAIN ETC.) TO THE TRAP WEIR SHALL BE 24".

# PLUMBING ABBREVIATIONS

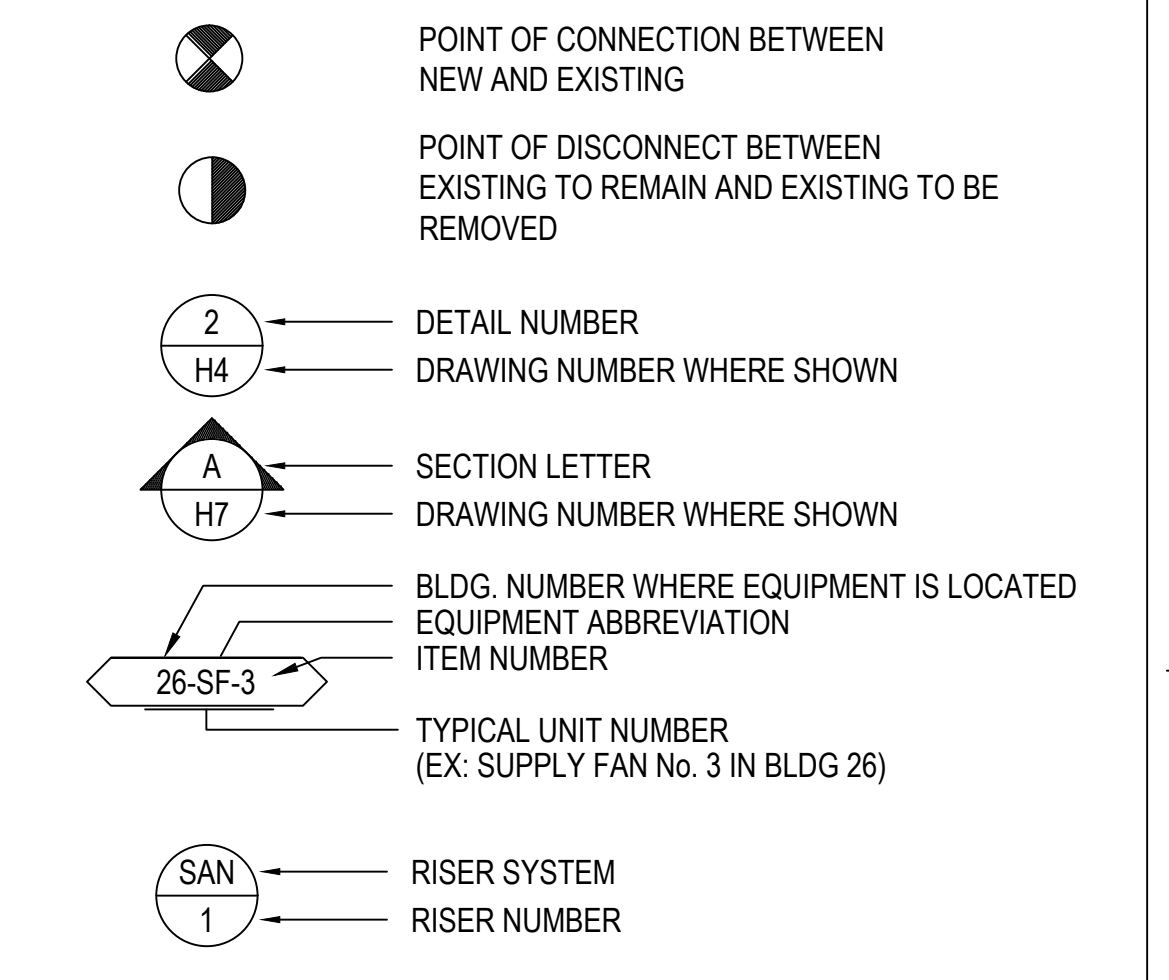
(NOTE: NOT ALL ABBREVIATIONS OR SYMBOLS MAY APPEAR ON DRAWINGS)

AAP	AREA ALARM PANEL	KG	KILOGRAM	VA CFM CSS	VA CFM CONSULTING SUPPORT SERVICE
AB	ANESTHESIA BOOM	KPA	KILOPASCAL	VAC	VACUUM
ACR	AIR CONDITIONING AND REFRIGERATION	KW	KILOWATT	VAC	VOLTAGE IN ALTERNATING CURRENT
A/E	ARCHITECT/ENGINEER	KWH	KILOWATT HOUR	VAMC	VETERANS ADMINISTRATION MEDICAL CENTER
AFF	ABOVE FINISH FLOOR	LAV	LAVATORY	VA TIL	WWW.CFM.VA.GOV/TIL/INDEX.ASP
AFG	ABOVE FINISH GRADE	LB	POUND	VHA	VETERANS HEALTH ADMINISTRATION
AG	AIR GAP	LBS/HR	POUNDS PER HOUR	VSD	VARIABLE SPEED DRIVE
AI	ANALOG INPUT	LNG	LIQUID NATURAL GAS	VTR	VENT THROUGH ROOF
AISI	AMERICAN IRON AND STEEL INSTITUTE	L/MIN	LITERS PER MINUTE	W	WASTE
AO	ANALOG OUTPUT	L/S	LITERS PER SECOND	WAGD	WASTE ANESTHESIA GAS DISPOSAL
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION, AIR CONDITIONING ENGINEERS	M	METER	WC	WATER CLOSET
ASJ	ALL SERVICE JACKET	MA	MEDICAL AIR	WCO	WALL CLEANOUT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MAV	MEDICAL AIR VENT	WG	WATER GAUGE
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS	MAX	MAXIMUM	WH	WALL HYDRANT
ASR	AUTOMATIC SPRINKLER RISER	MBH	1000 BTU PER HOUR	WOG	WATER, OIL, GAS
AWG	AMERICAN WIRE GAUGE	MER	MECHANICAL EQUIPMENT ROOM	WPD	WATER PRESSURE DROP
BACNET	BUILDING AUTOMATION AND CONTROL NETWORK	MFG	MANUFACTURER	WS	WASTE STACK
BAG	SILVER-COPPER-ZINC BRAZING ALLOY	MICG	MILLIGRAM / MEDICAL GAS	WSFU	WATER SUPPLY FIXTURE UNITS
BAS	BUILDING AUTOMATION SYSTEM	MCG	MEDICAL GAS HEADWALL	YCO	YARD CLEANOUT
BCUP	SILVER-COPPER-PHOSPHORUS BRAZING ALLOY	MGB	MEDICAL GAS BOOM	YH	YARD HYDRANT
BFP	REDUCED PRESSURE BACKFLOW PREVENTER	MM	MILLIMETER	ZVB	ZONE VALVE BOX
BHP	BRAKE HORSEPOWER	MIN	MINIMUM		
BTU	BRITISH THERMAL UNIT	MV	MEDICAL VACUUM		
BTU/H	BRITISH THERMAL UNIT PER HOUR	N2	NITROGEN		
BSG	BOROSILICATE GLASS PIPE	N2O	NITROGEN OXIDE		
C	CELSIUS	NC	NORMALLY CLOSED		
CD	COMPACT DISK	NCP	NITROGEN CONTROL PANEL		
CDA	COPPER DEVELOPMENT ASSOCIATION	NG	NATURAL GAS		
CGA	COMPRESSED GAS ASSOCIATION	NIC	NOT IN CONTRACT		
CFM	CUBIC FEET PER MINUTE	NO	NORMALLY OPEN		
CO	CLEANOUT	NOM	NOMINAL		
CO2	CARBON DIOXIDE	NPTF	NATIONAL PIPE THREAD FEMALE		
CPVC	CHLORINATED POLYVINYL CHLORIDE	NPS	NOMINAL PIPE SIZE		
CR	CHLOROPRENE	NPT	NOMINAL PIPE THREAD		
CRP	CORROSION RESISTANT PIPE	NTS	NOT TO SCALE		
CV	CONTROL VALVE	O2	OXYGEN		
CXA	COMMISSIONING AGENT	OC	ON CENTER		
DB	DECIBELS	OCAMES	REPLACED BY HEPP		
DB(A)	DECIBELS (A WEIGHTED)	OD	OUTSIDE DIAMETER		
DDC	DIRECT DIGITAL CONTROL	OR	OPERATING ROOM		
DFU	DRAINAGE FIXTURE UNITS	OSD	OPEN SIGHT DRAIN		
DI	DIGITAL INPUT	OS&Y	OUTSIDE STEM AND YOKE		
DI	DIAMETER WATER	OXY	OXYGEN		
DISS	DIAMETER INDEX SAFETY SYSTEM	PA	PASCAL		
DN	DIAMETER NOMINAL	PBPU	PREFABRICATED BEDSIDE PATIENT UNITS		
DO	DIGITAL OUTPUT	PD	PRESSURE DROP OR DIFFERENCE		
DOE	DEPARTMENT OF ENERGY	PDI	PLUMBING AND DRAINAGE INSTITUTE		
DVD	DIGITAL VIDEO DISC	PG	PRESSURE GAUGE		
DW	DISHWASHER	PH	POWER OF HYDROGEN		
DWG	DRAWING	PID	PROPORTIONAL-INTEGRAL-DIFFERENTIAL PROGRAMMABLE LOGIC CONTROLLERS		
DWV	DRAINAGE, WASTE AND VENT	PP	POLYPROPYLENE		
EB	EQUIPMENT BOOM	PPB	PARTS PER BILLION		
EL	ELEVATION	PPM	PARTS PER MILLION		
EPA	ENVIRONMENTAL PROTECTION AGENCY	PRV	PRESSURE REDUCING VALVE		
EPACT	ENERGY POLICY ACT	PSI	POUNDS PER SQUARE INCH		
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	PSIA	POUNDS PER SQUARE INCH ATMOSPHERE		
EPT	ETHYLENE PROPYLENE TERPOLYMER	PSIG	POUNDS PER SQUARE INCH GAUGE		
ETO	ETHYLENE OXIDE	PTFE	POLYTETRAFLUOROETHYLENE		
EX	EXISTING	PVC	POLYVINYL CHLORIDE		
F	FAHRENHEIT	PVDF	POLYVINYLIDENE FLUORIDE		
FAR	FEDERAL ACQUISITION REGULATIONS	PW	POTABLE WATER		
FCO	FLOOR CLEANOUT	RAD	RADIANS		
FD	FLOOR DRAIN	RD	ROOF DRAIN		
FDC	FIRE DEPARTMENT (HOSE) CONNECTION	RO	REVERSE OSMOSIS		
FNTF	FEMALE NATIONAL PIPE THREAD	RPM	REVOLUTIONS PER MINUTE		
FOP	FUEL OIL PUMP	RTD	RESISTANCE TEMPERATURE DETECTORS		
FOR	FUEL OIL RETURN	RTRP	REINFORCED THERMOSETTING RESIN PIPE		
FOF	FUEL OIL SUPPLY	SAN	SANITARY SEWER		
FOV	FUEL OIL VENT	SCFM	STANDARD CUBIC FEET PER MINUTE		
FPM	FLUOROELASTOMER POLYMER	SDI	SILT DENSITY INDEX		
FS	FLOW SWITCH	SDMH	STORM DRAIN MANHOLE		
FSK	FOIL-SCRIM-KRAFT FACING	SF	SQUARE FEET		
FSS	VA CONSTRUCTION & FACILITIES MANAGEMENT, FACILITY STANDARDS SERVICE	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION SPECIFICATION		
FU	FIXTURE UNITS	SPEC	SPECIFICATION		
GAL	GALLON	SPS	STERILE PROCESSING SERVICES		
GCO	GRADE CLEANOUTS	SQFT	SQUARE FEET		
GPD	GALLONS PER DAY	SS	STAINLESS STEEL		
GPH	GALLONS PER HOUR	STD	STANDARD		
GPM	GALLONS PER MINUTE	SUS	SAYBOLT UNIVERSAL SECOND		
GPR	GAS PRESSURE REGULATOR	SWC	SURGERY WASTE CART		
GRS	GAS REGULATOR STATION	SWP	STEAM WORKING PRESSURE		
GT	GREASE TRAP	TCV	TEMPERATURE CONTROL VALVE		
GVTR	GAS VENT THROUGH ROOF	TD	TRENCH DRAIN		
H&CW	HOT AND COLD WATER	TDH	TOTAL DYNAMIC HEAD		
HB	HOSE BIBB	TEFC	TOTALLY ENCLOSED FAN-COOLED TEMPERATURE		
HD	HUB DRAIN	TFE	TETRAFLUOROETHYLENE		
HDPE	HIGH DENSITY POLYETHYLENE	THERM	100,000 BTU THERMOPLASTIC HIGH-HEAT RESISTANT NYLON		
HEFP	HEALTHCARE ENVIRONMENT AND FACILITIES PROGRAM (REPLACEMENT FOR OCAMES)	THIN	COATED WIRE		
HEX	HEAT EXCHANGER	THWN	THERMOPLASTIC HEAT & WATER RESISTANT NYLON		
HG	MERCURY	TMV	THERMOSTATIC MIXING VALVE		
HOA	HANDS-OFF-AUTOMATIC	T/P	TEMPERATURE AND PRESSURE		
HP	HORSEPOWER	TP	TRAP PRIMER		
HVE	HIGH VOLUME EVACUATION	TSTAT	THERMOSTAT		
HWCP	HOT WATER CIRCULATING PUMP	TYP	TYPICAL		
HYD	HYDRANT	USDA	U.S. DEPARTMENT OF AGRICULTURE		
HZ	HERTZ	V	VENT / VOLT		
ID	INSIDE DIAMETER	VA	VETERANS ADMINISTRATION		
IE	INVERT ELEVATION	VA CFM	VA CONSTRUCTION & FACILITIES MANAGEMENT		
INV	INVERT				
IPC	INTERNATIONAL PLUMBING CODE				
IFS	IRON PIPE SIZE				

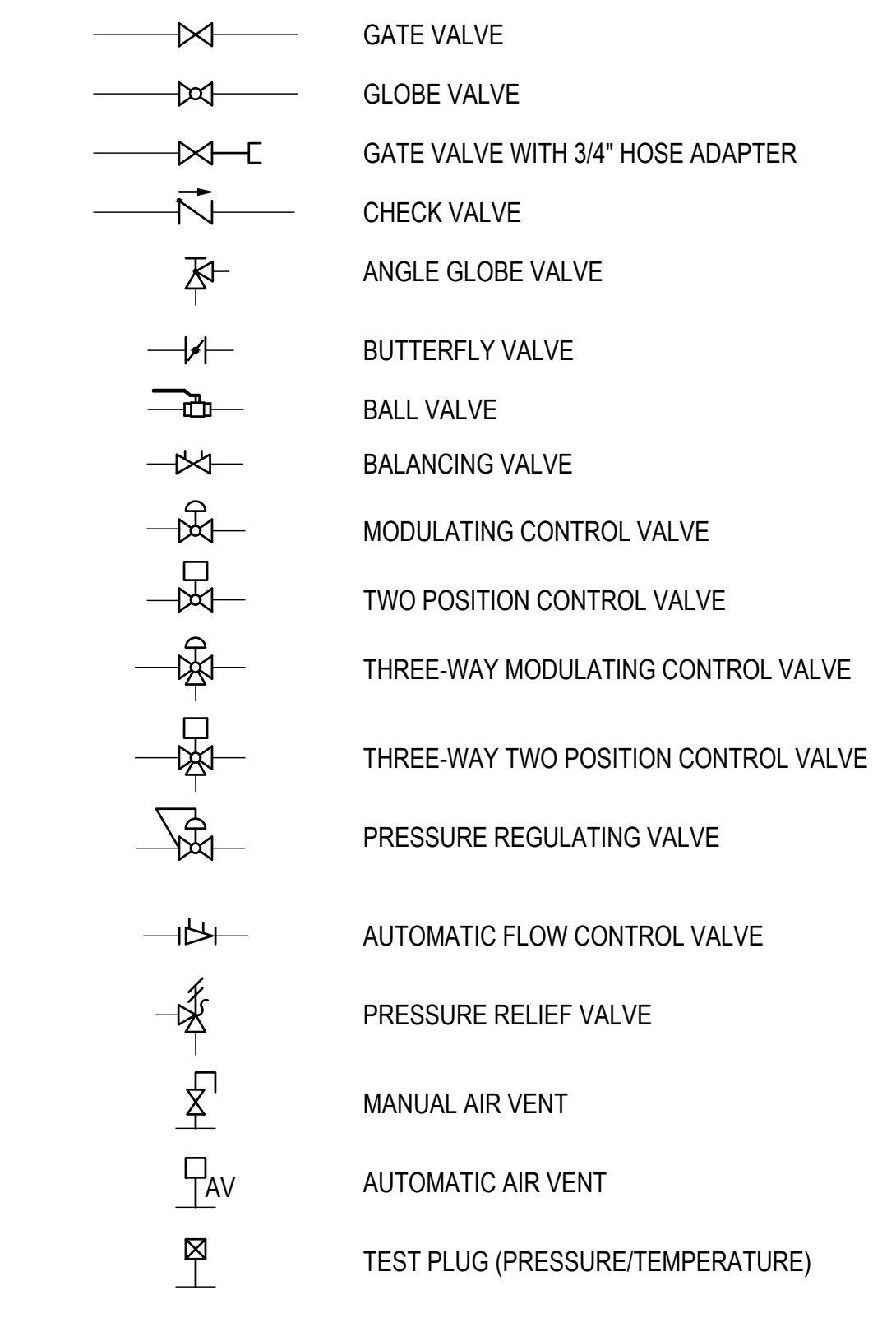
# GENERAL PLUMBING SYMBOLS



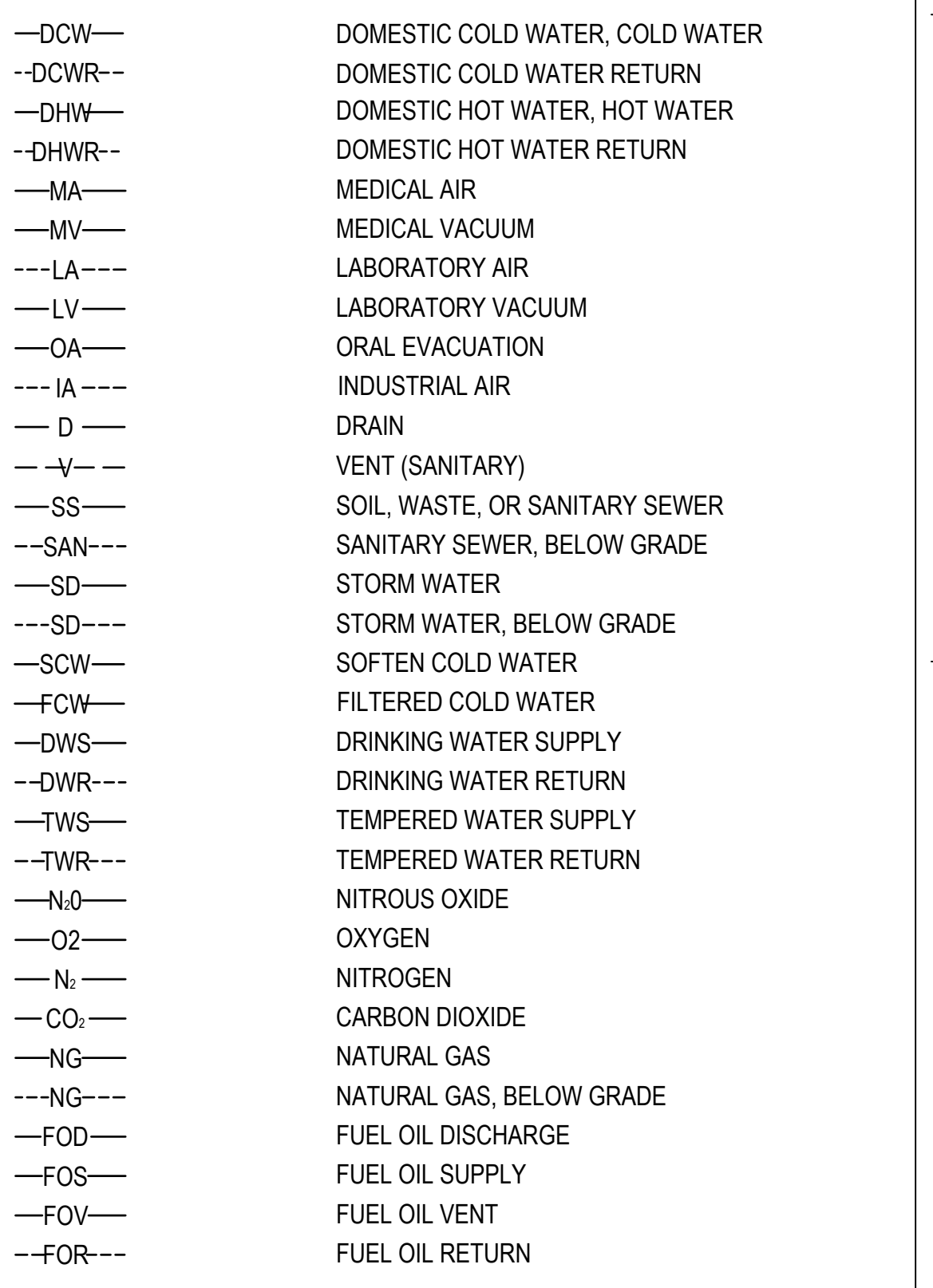
# GENERAL DRAWING SYMBOLS



# PLUMBING VALVE SYMBOLS



# PLUMBING PIPING SYMBOLS



PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

### CONSULTANTS

<b>Architecture:</b> PF&A DESIGN, P.C.	<b>Civil Engineering:</b> LABELLA ASSOCIATES	<b>Fire &amp; Life Safety:</b> STANTON ENGINEERING SERVICES, LLC
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### ENGINEER OF RECORD

MILLER-REMICK LLC  
PROFESSIONAL ENGINEER

### Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title <b>PLUMBING ABBREVIATIONS, NOTES &amp; SYMBOLS</b>
Approved by: Jon Manninen, COR

Phase BID DOCUMENTS
Fully Sprinklered

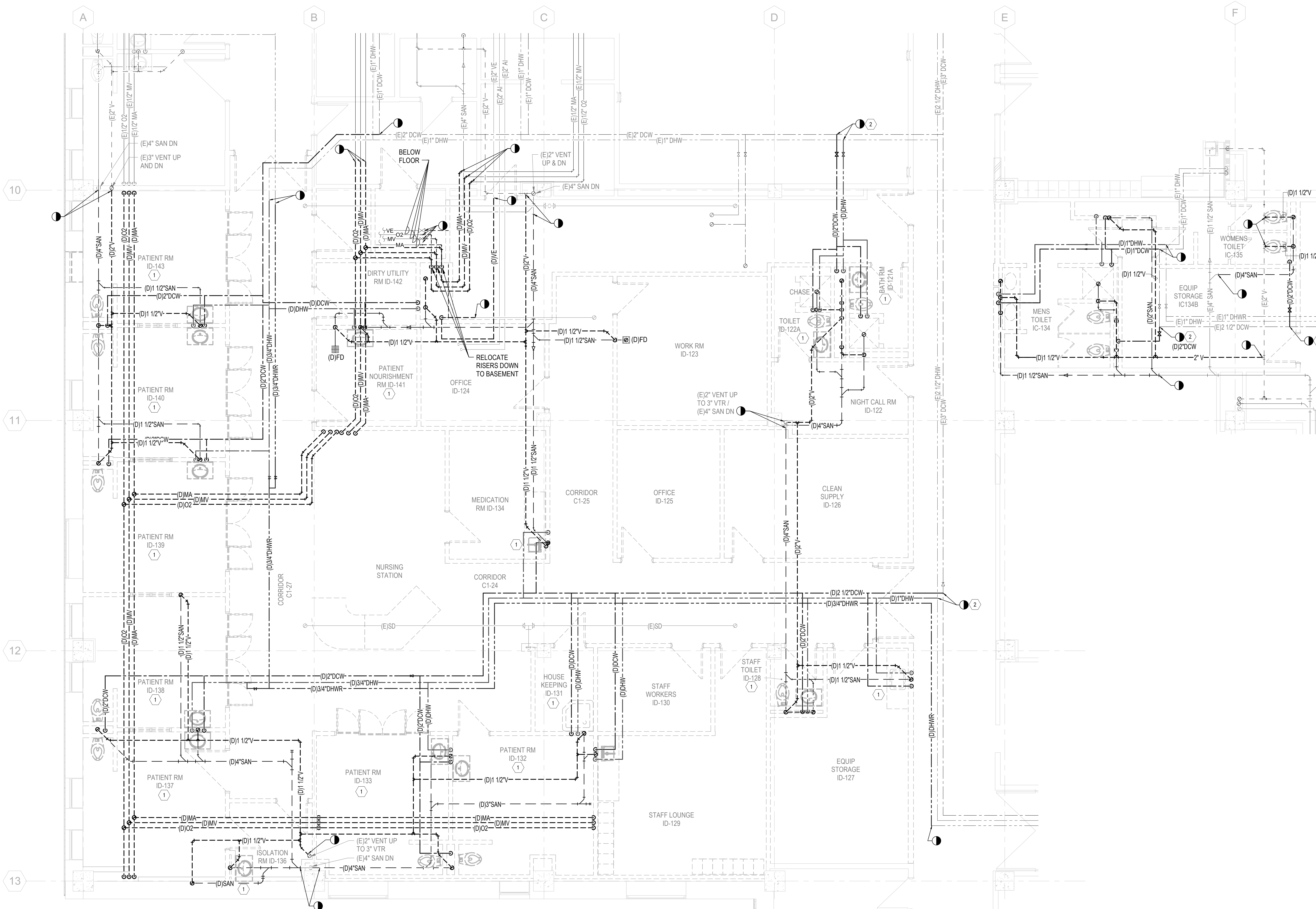
Project Title RENOVATE SURGICAL SUITE PHASE II	VA Drawing Number 2617
Project Number 658-19-103	Building Number 143
Location SALEM VA MEDICAL CENTER	Drawing Number P-001
Issue Date 2025-12-30	Checked DC
Drawn SP	

**GENERAL SHEET NOTES:**

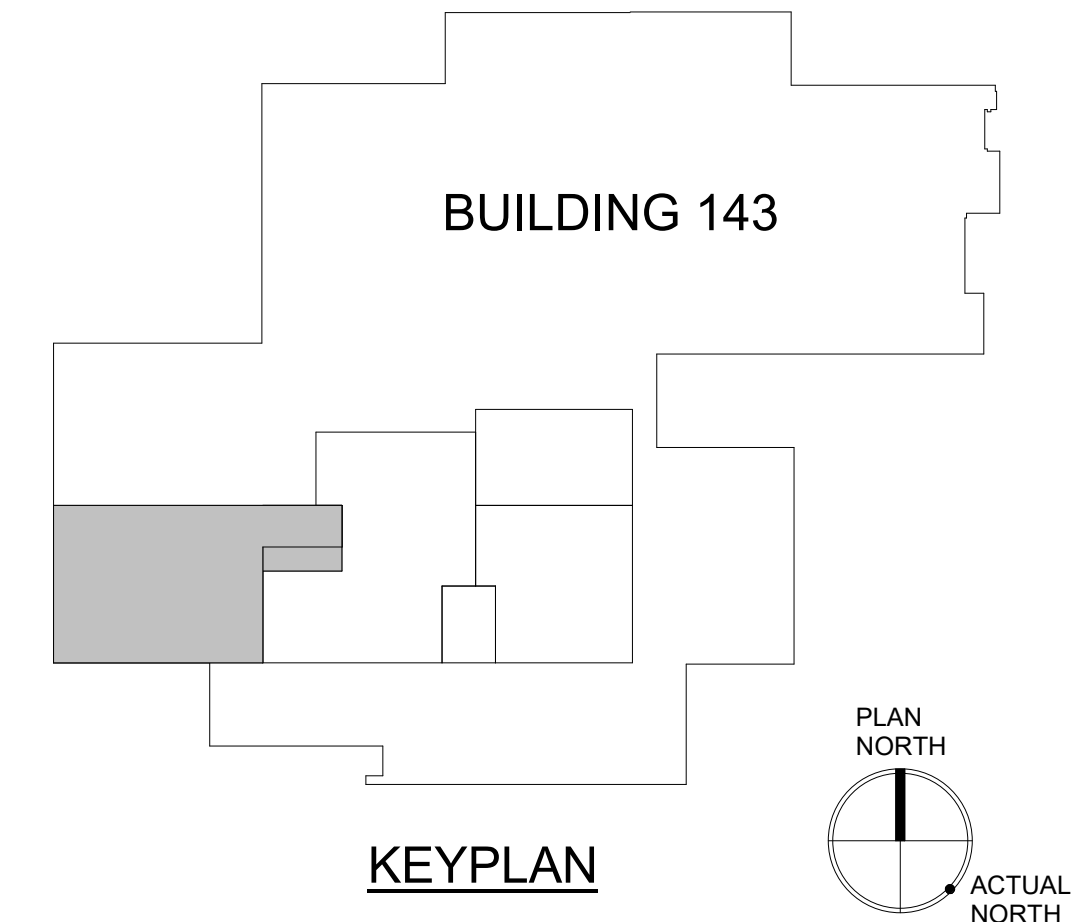
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2. REFER TO DRAWING SERIES P-500 FOR PLUMBING DETAILS
3. REFER TO DRAWING SERIES P-600 FOR PLUMBING RISER DIAGRAMS
4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES
5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.

**SHEET KEYNOTES:**

- 1 DEMOLISH EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING.
- 2 REMOVE DEAD LEGS FROM HOT AND COLD WATER PIPES AND INSTALL SPOOL PIECE. WHERE IT IS NOT POSSIBLE, LIMIT DEAD LEG TO 1.5 X PIPE DIAMETER.



**1 PLUMBING DEMOLITION PLAN - 1ST FLOOR, PHASE 1**  
SCALE: 1/4" = 1'-0"



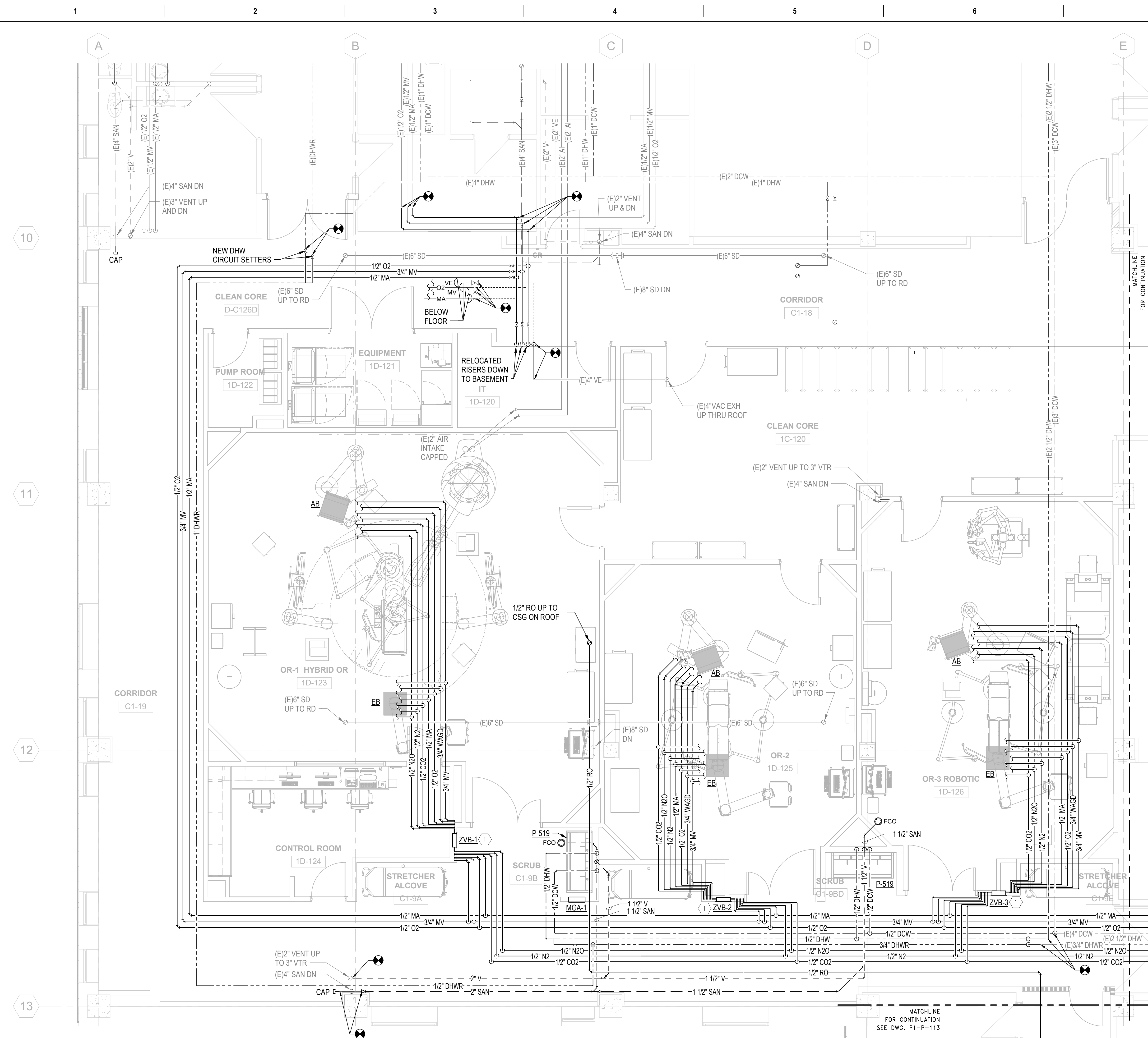
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Revisions:		Date:				Fully Sprinklered		Location SALEM VA MEDICAL CENTER		Issue Date 2025-12-30		Checked GM		Drawn SP	

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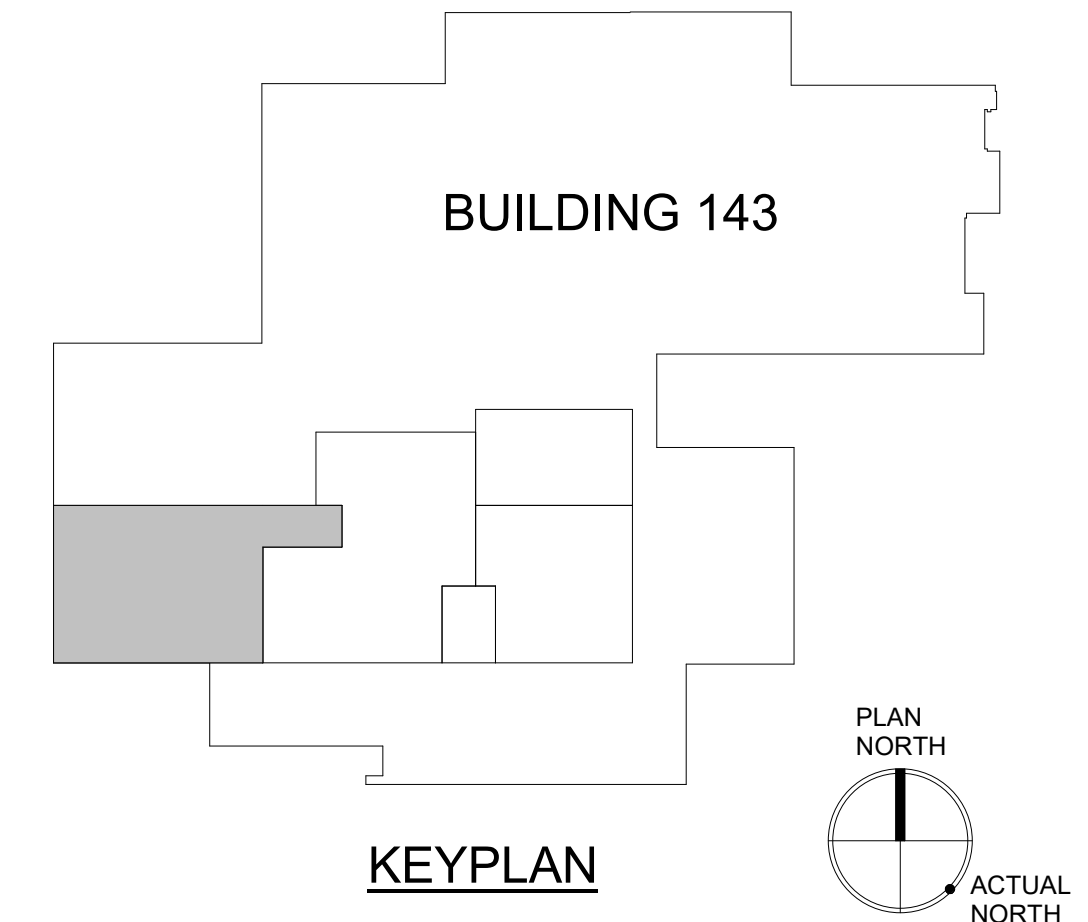
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4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES
5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.
6. PROVIDE LOCKABLE HANDLES FOR ALL MEDICAL GAS VALVES LOCATED ABOVE CEILING.
7. ALL DHW/DCW LINES TO FIXTURES TO BE 1/2"Ø UNLESS OTHERWISE NOTED.

**SHEET KEYNOTES:**

1. ZONE VALVE BOX. PROVIDE THE FOLLOWING MEDICAL GAS LINES TO / FROM ZVB - 1/2" MA, 3/4" MV, 1/2" O2, 1/2" N2O, 1/2" N2, 1/2" CO2 & 3/4" WAGD.



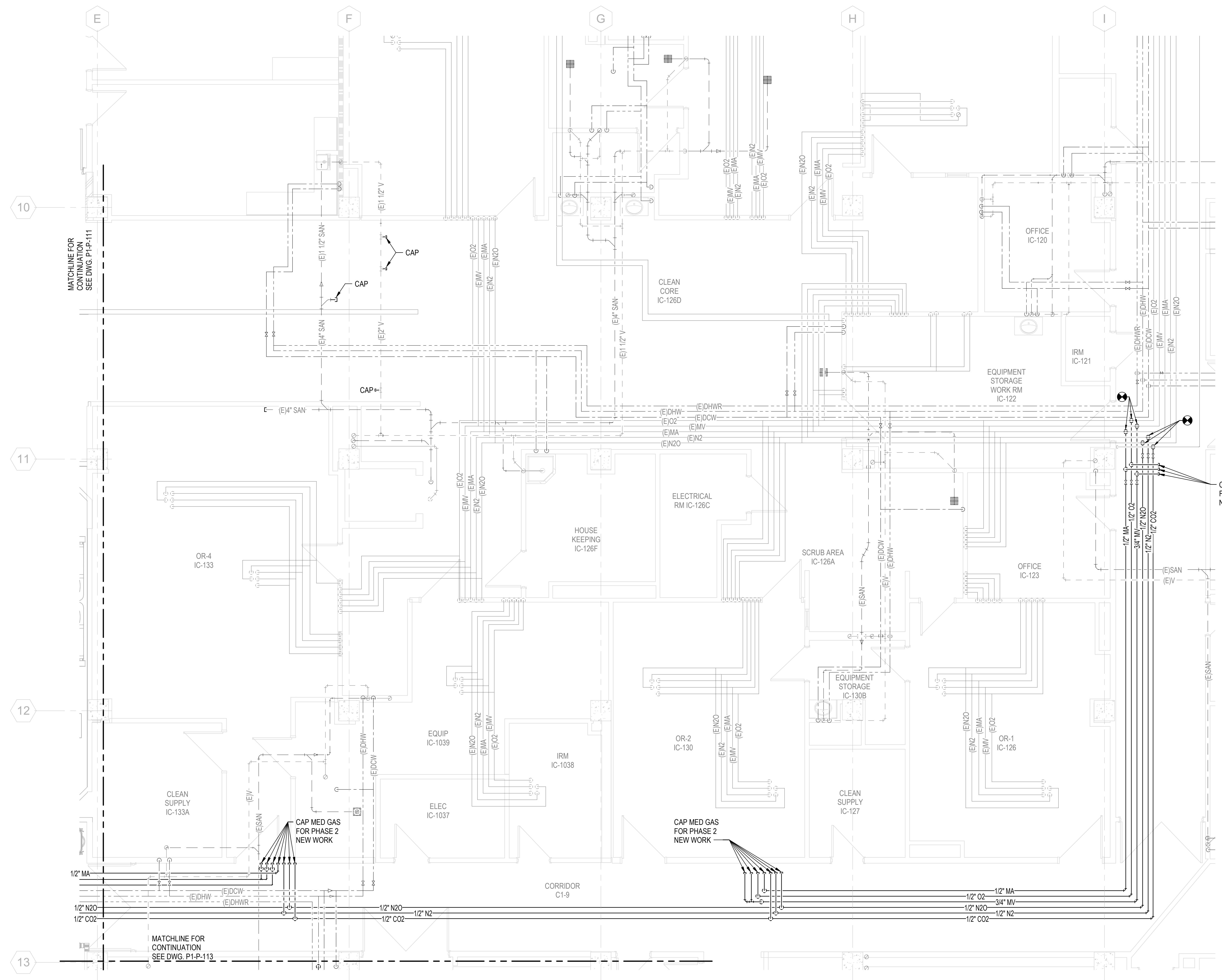
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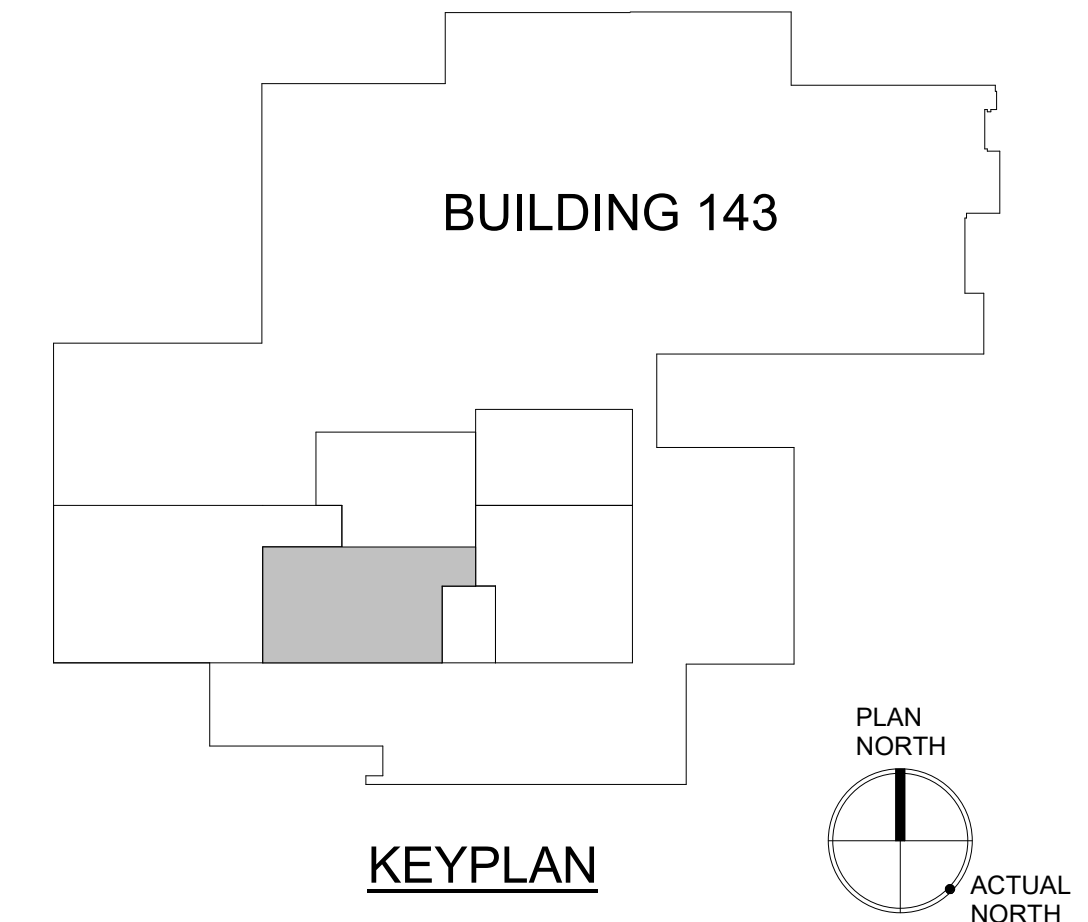
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Revisions: 2/29/25 10:58:02 AM									Fully Sprinklered		Location SALEM VA MEDICAL CENTER		Drawing Number P1-P-111			
Date:											Issue Date 2025-12-30		Checked GM		Drawn SP	



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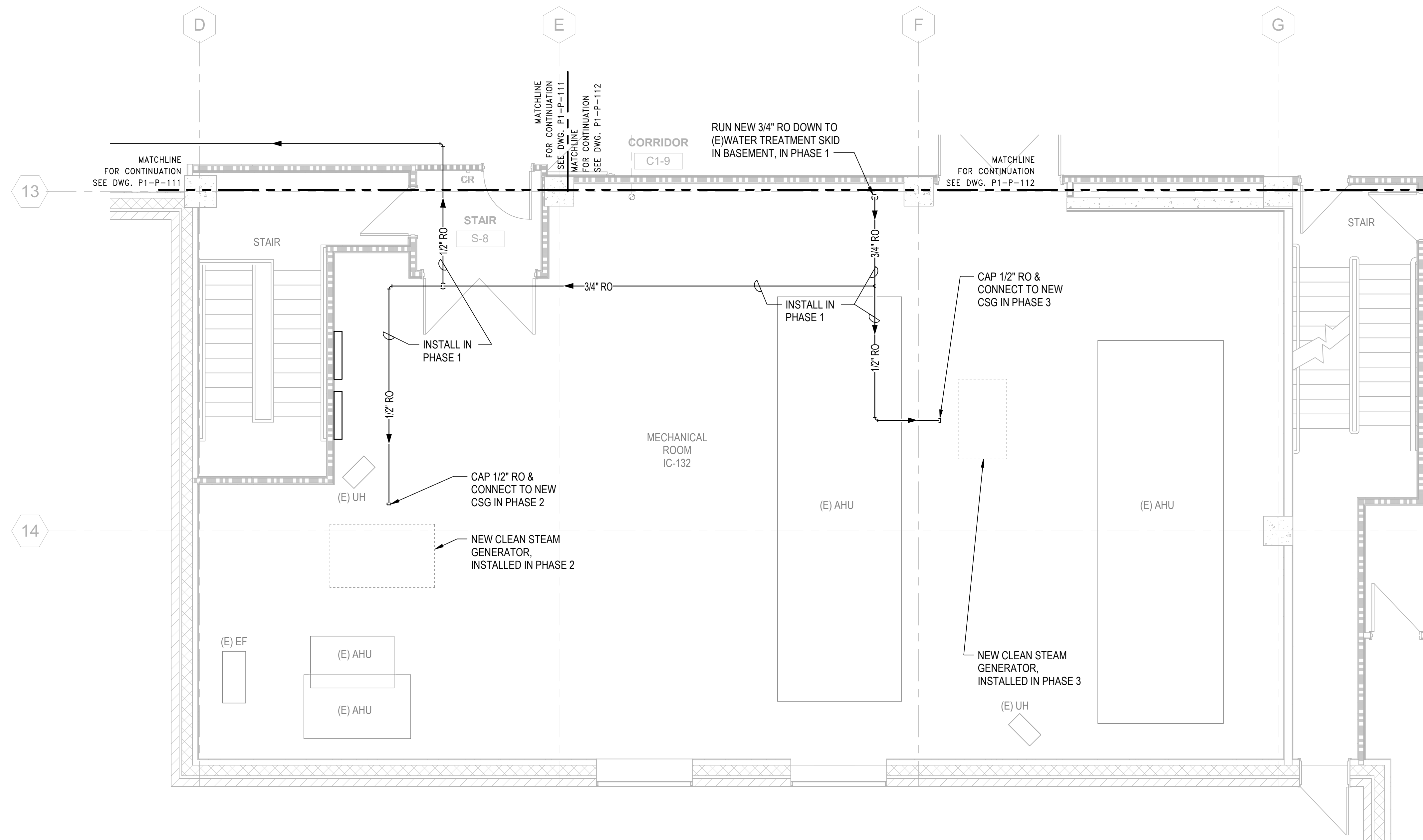
**1 PLUMBING PLAN - 1ST FLOOR, PHASE 1**  
SCALE: 1/4" = 1'-0"



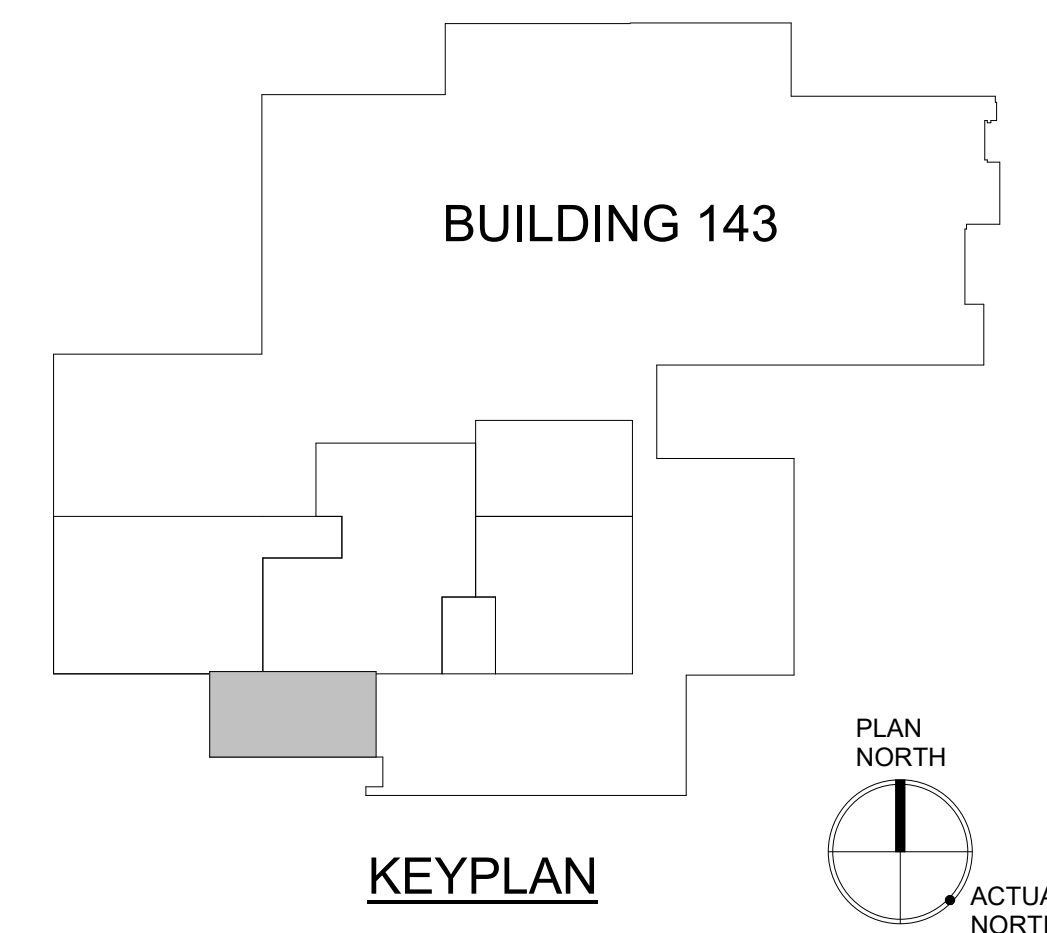
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4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES



**1 FLOOR PLAN - MECHANICAL ROOM**  
SCALE: 1/4" = 1'-0"



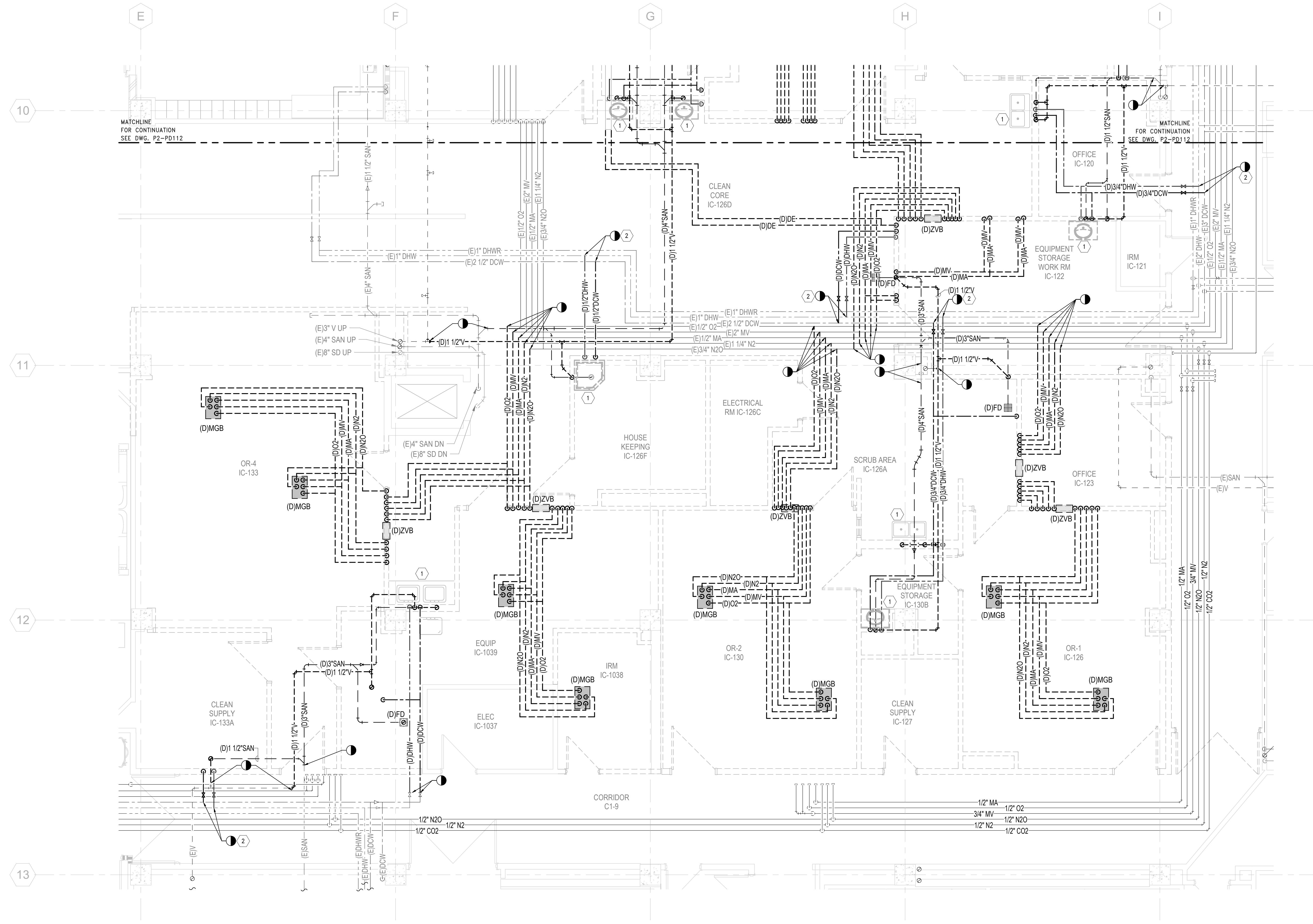
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Revisions: 2/29/2025 1:51:50 PM												Fully Sprinklered <b>FULLY SPRINKLERED</b>			Location <b>SALEM VA MEDICAL CENTER</b> Issue Date 2025-12-30 Checked CS Drawn SP			Drawing Number <b>P1-P-113</b>								

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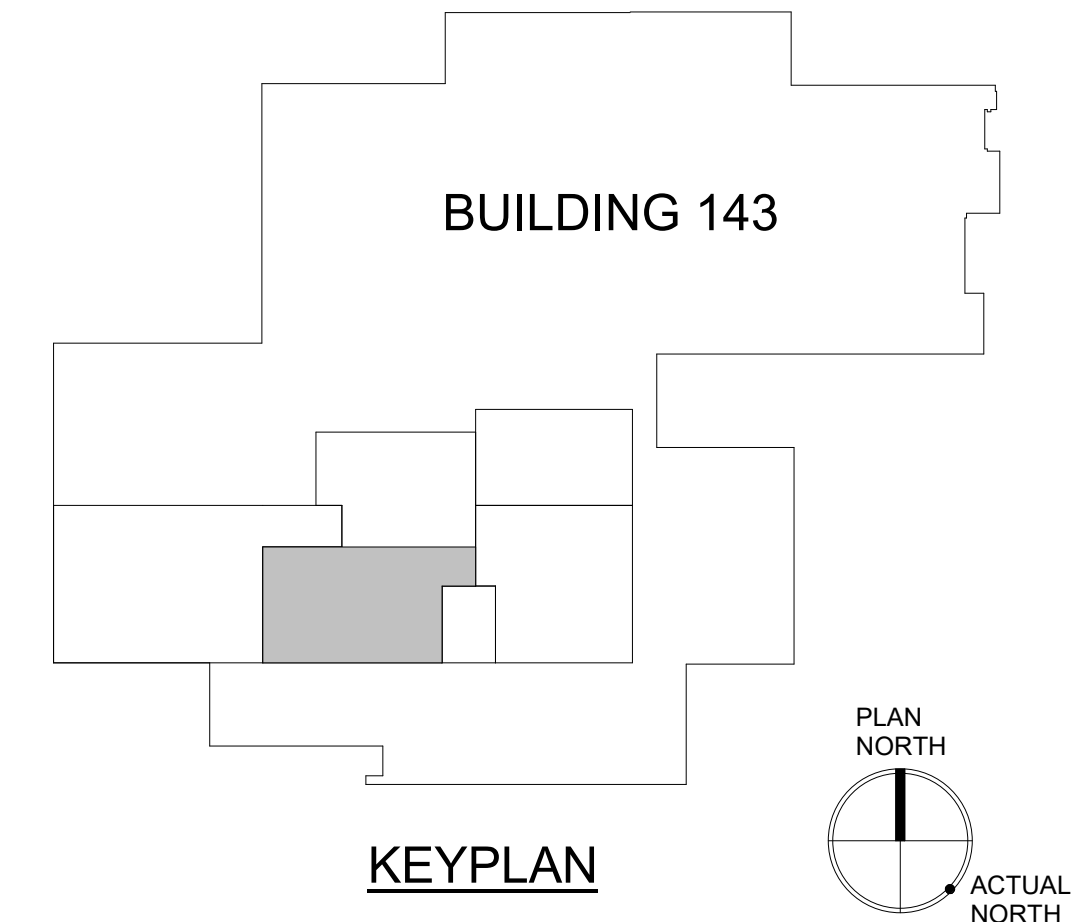
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**SHEET KEYNOTES:**

1. DEMOLISH EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING.
2. REMOVE DEAD LEGS FROM HOT AND COLD WATER PIPES AND INSTALL SPOOL PIECE. WHERE IT IS NOT POSSIBLE, LIMIT DEAD LEG TO 1.5 x PIPE DIAMETER.



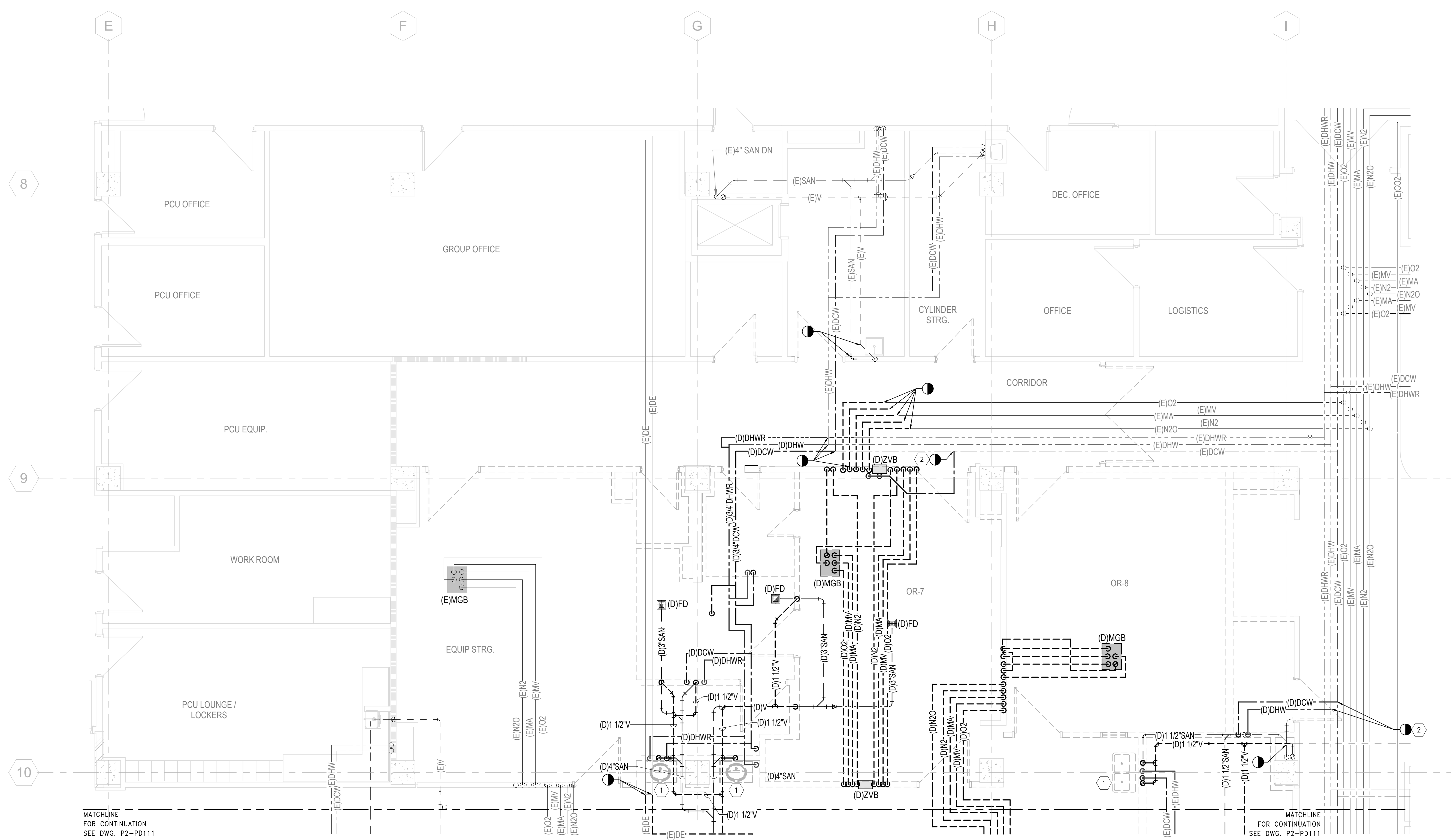
**1 PLUMBING DEMOLITION PLAN - 1ST FLOOR, PHASE 2 (SOUTH)**  
SCALE: 1/4" = 1'-0"



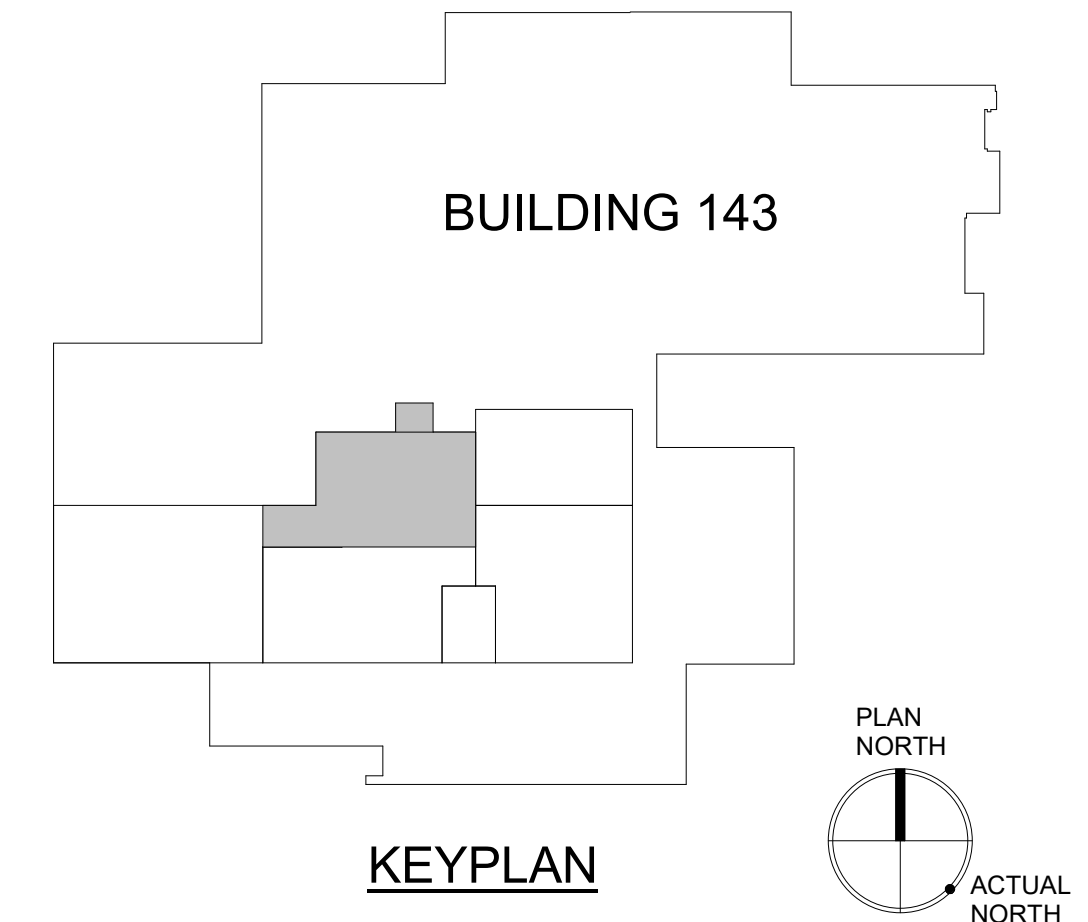
PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER 22/2025 10:58:14 AM Revisions: _____ Date: _____		<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC		<b>ENGINEER OF RECORD</b> MILLER-REMICK LLC PROFESSIONAL ENGINEER  A Service Disabled Veteran-Owned Small Business (856) 429-4000 • Miller-Remick.com		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title <b>PLUMBING DEMOLITION PLAN 1ST FLOOR, PHASE 2 (SOUTH)</b> Approved by: Jon Manninen, COR		Phase BID DOCUMENTS FULLY SPRINKLERED		Project Title <b>RENOVATE SURGICAL SUITE PHASE II</b> Project Number 658-19-103 Location <b>SALEM VA MEDICAL CENTER</b> Issue Date 2025-12-30 Checked GM Drawn SP		VA Drawing Number 2617 Building Number 143 Drawing Number <b>P2-PD111</b>	
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**GENERAL SHEET NOTES:**

1. REFER TO DRAWING P-001 FOR PLUMBING ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
2. REFER TO DRAWING SERIES P-500 FOR PLUMBING DETAILS
3. REFER TO DRAWING SERIES P-600 FOR PLUMBING RISER DIAGRAMS
4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES
5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.



**1 PLUMBING DEMOLITION PLAN - 1ST FLOOR, PHASE 2 (NORTH)**  
SCALE: 1/4" = 1'-0"



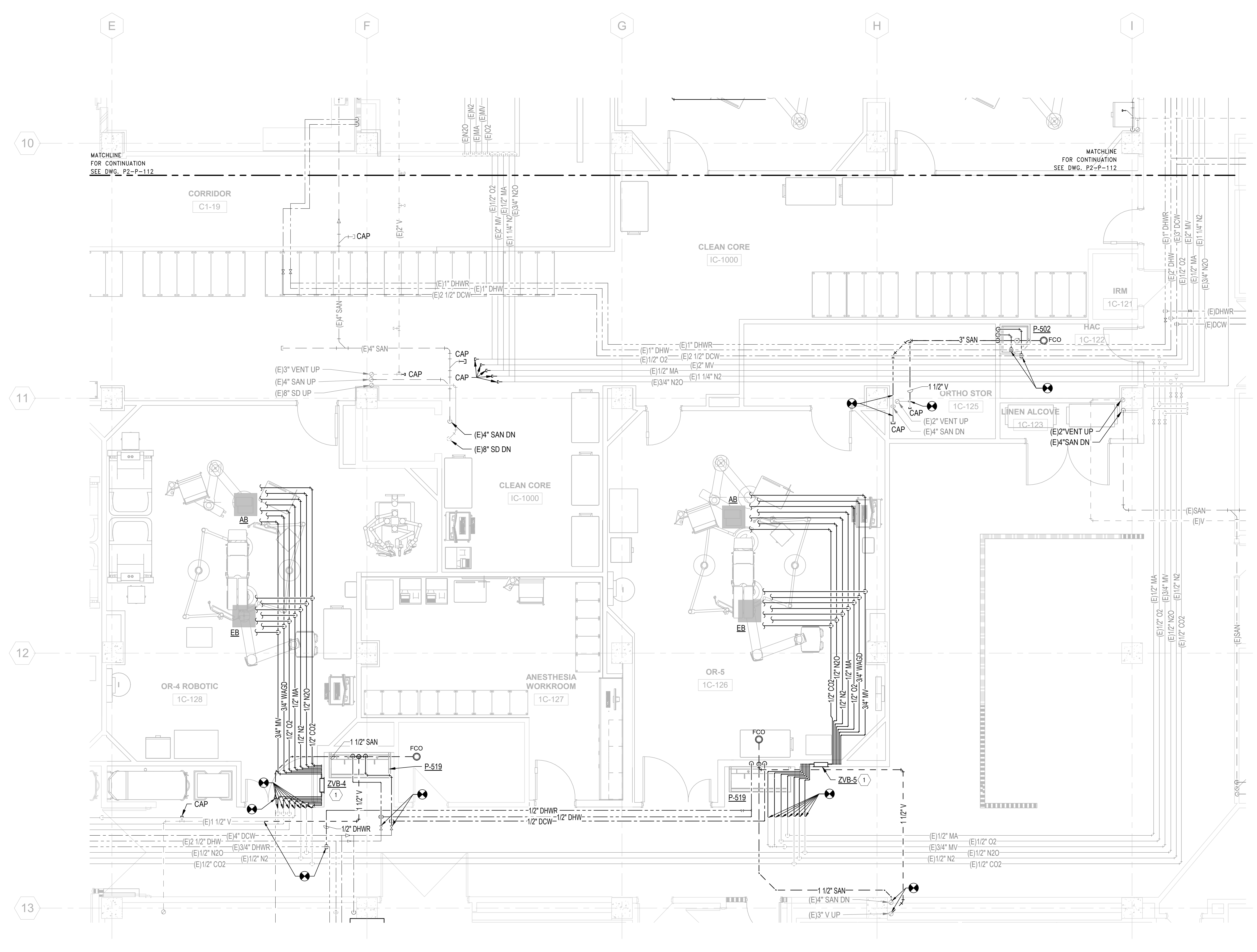
PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER  Revisions: _____ Date: _____ 2/29/2025 10:58:19 AM	<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC			<b>ENGINEER OF RECORD</b> MILLER-REMICK LLC PROFESSIONAL ENGINEER  A Service Disabled Veteran-Owned Small Business (856) 429-4000 • Miller-Remick.com		MILLER-REMICK LLC COMMONWEALTH OF VIRGINIA CONTRACTOR LICENSE NO. 402055079 Lic. Exp. 10/2025 12-30-2025		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title <b>PLUMBING DEMOLITION PLAN 1ST FLOOR, PHASE 2 (NORTH)</b> Approved by: Jon Manninen, COR		Phase BID DOCUMENTS		Project Title <b>RENOVATE SURGICAL SUITE PHASE II</b> Project Number 658-19-103		VA Drawing Number 2617 Building Number 143	
	FULLY SPRINKLERED		Location <b>SALEM VA MEDICAL CENTER</b> Issue Date 2025-12-30 Checked GM Drawn SP		Drawing Number <b>P2-PD112</b>												

**GENERAL SHEET NOTES:**

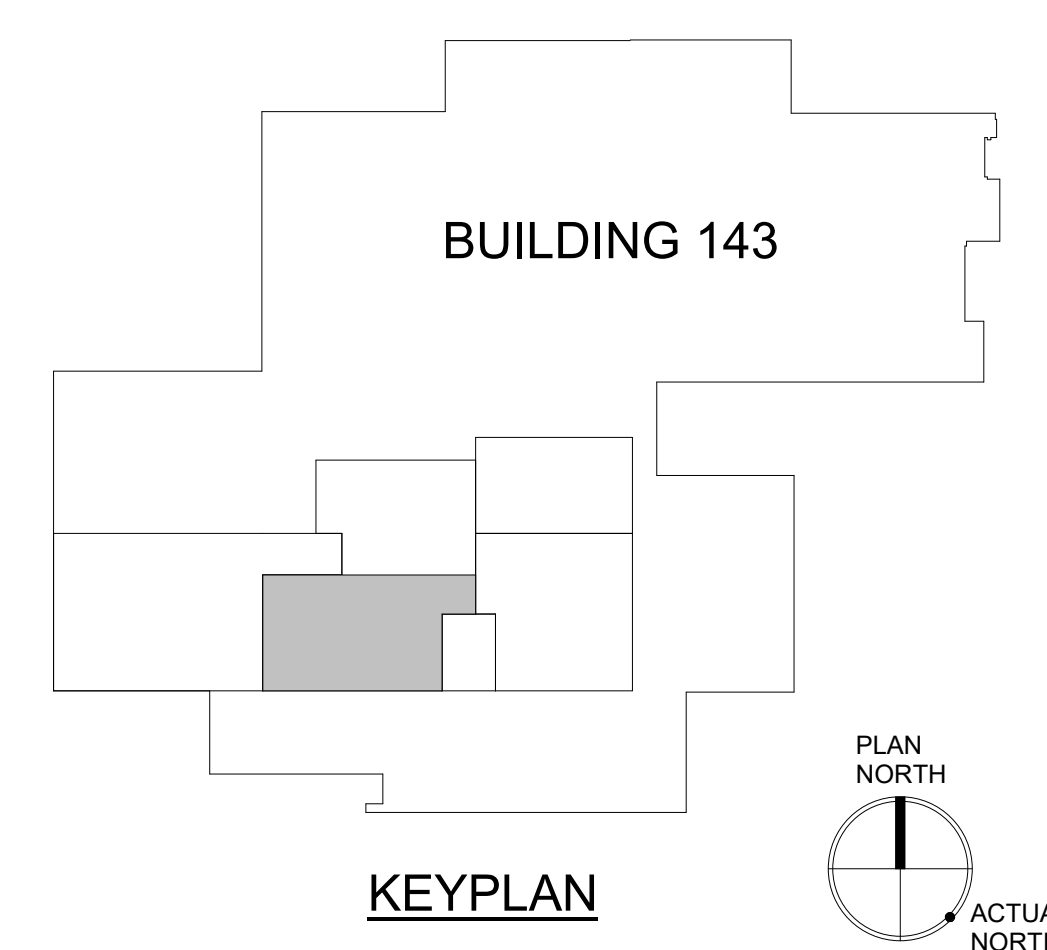
1. REFER TO DRAWING P-001 FOR PLUMBING ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
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5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.
6. PROVIDE LOCKABLE HANDLES FOR ALL MEDICAL GAS VALVES LOCATED ABOVE CEILING.
7. ALL DHW/DCW LINES TO FIXTURES TO BE 1/2" UNLESS OTHERWISE NOTED.

**SHEET KEYNOTES:**

1. ZONE VALVE BOX. PROVIDE THE FOLLOWING MEDICAL GAS LINES TO / FROM ZVB - 1/2" MA, 3/4" MV, 1/2" O2, 1/2" N2O, 1/2" N2, 1/2" CO2 & 3/4" WAGO.



**1 PLUMBING PLAN - 1ST FLOOR, PHASE 2 (SOUTH)**  
SCALE: 1/4" = 1'-0"



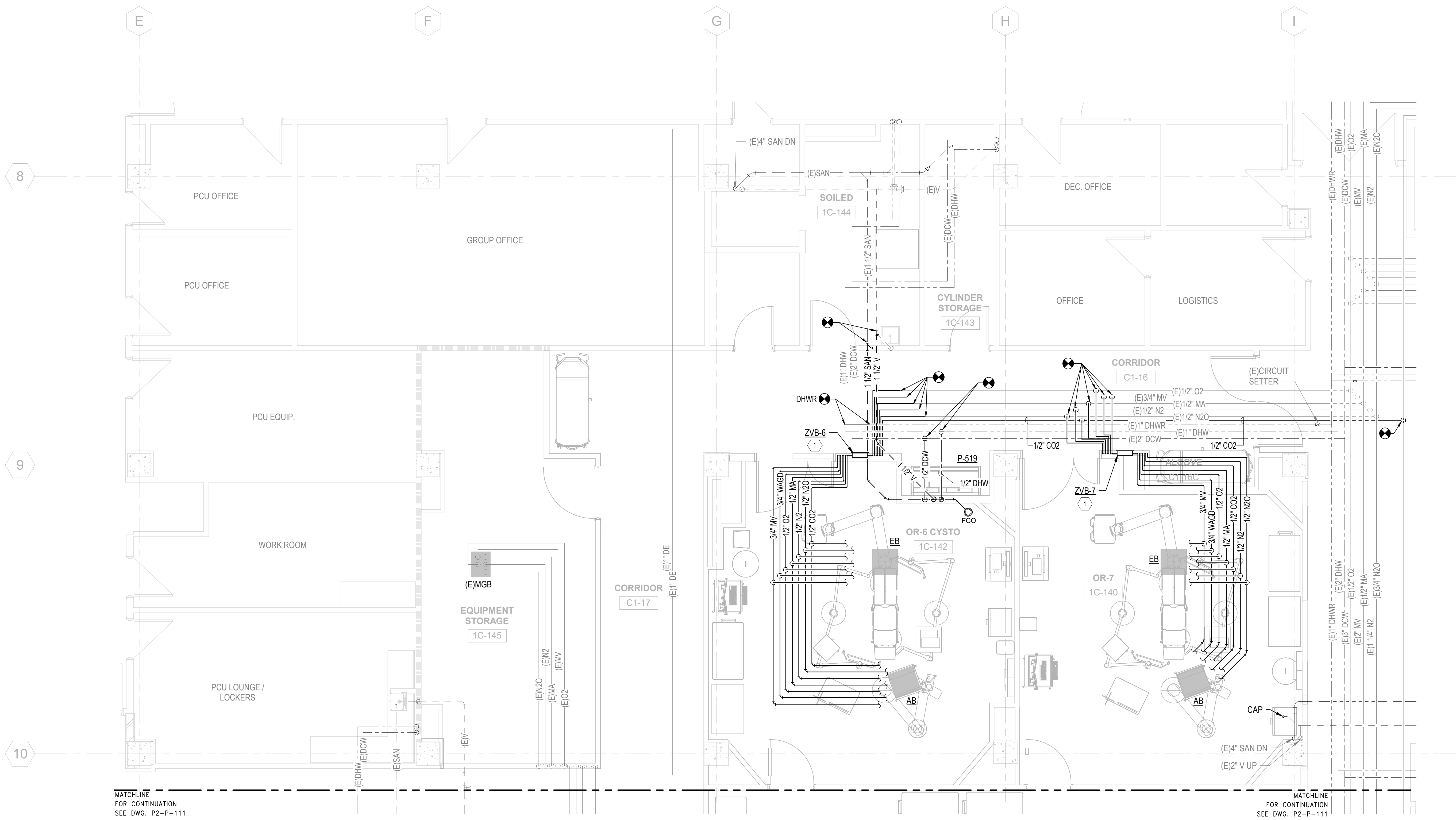
PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.			<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC		<b>ENGINEER OF RECORD</b> MILLER-REMICK LLC PROFESSIONAL ENGINEER A Service Disabled Veteran-Owned Small Business (856) 429-4000 • Miller-Remick.com		MILLER-REMICK LLC PROFESSIONAL ENGINEER 12.31.2025		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title <b>PLUMBING NEW WORK PLAN 1ST FLOOR, PHASE 2 (SOUTH)</b> Approved by: Jon Manninen, COR		Phase BID DOCUMENTS		Project Title RENOVATE SURGICAL SUITE PHASE II Project Number 658-19-103		VA Drawing Number 2617 Building Number 143	
Revisions:											Fully Sprinklered		Location SALEM VA MEDICAL CENTER		Drawing Number P2-P-111			
Date:													Issue Date 2025-12-30		Checked GM		Drawn SP	

**GENERAL SHEET NOTES:**

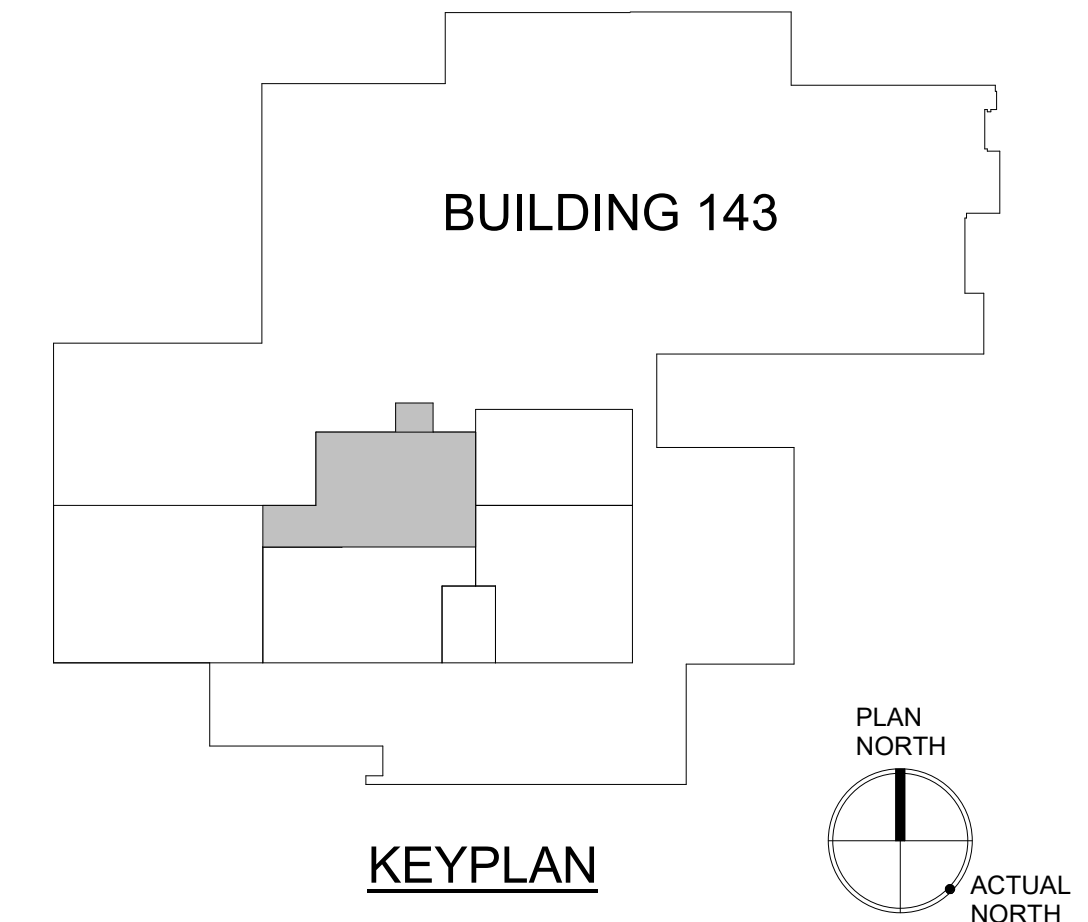
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**1 PLUMBING PLAN - 1ST FLOOR, PHASE 2 (NORTH)**  
SCALE: 1/4" = 1'-0"



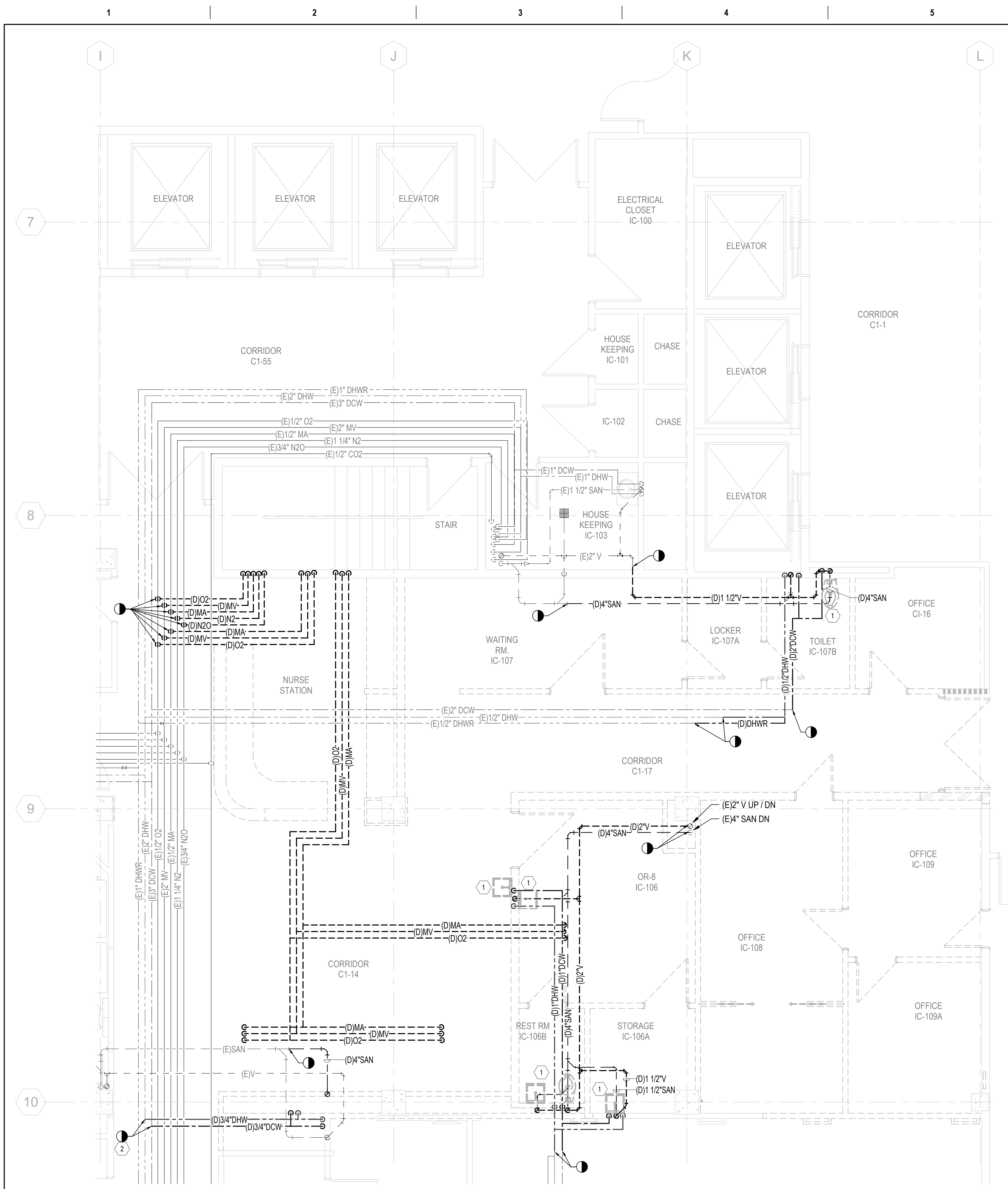
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Revisions: 2/29/2025 10:58:12 AM			Date:			A Service Disabled Veteran-Owned Small Business (866) 429-4000 • Miller-Remick.com 11220000114.470.00000000			Fully Sprinklered			Location SALEM VA MEDICAL CENTER Issue Date 2025-12-30 Checked GM Drawn SP			Drawing Number <b>P2-P-112</b>								

**GENERAL SHEET NOTES:**

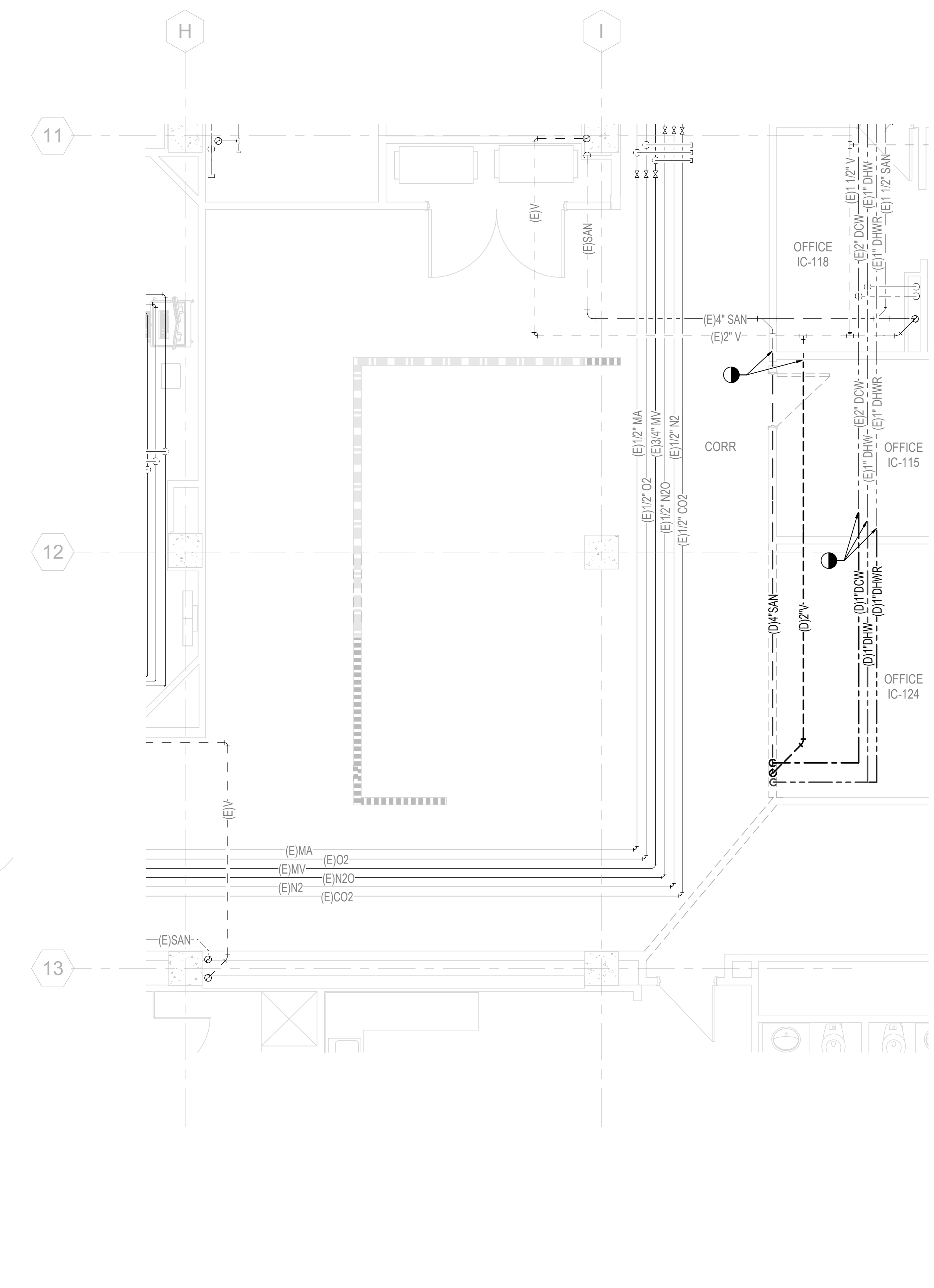
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5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.

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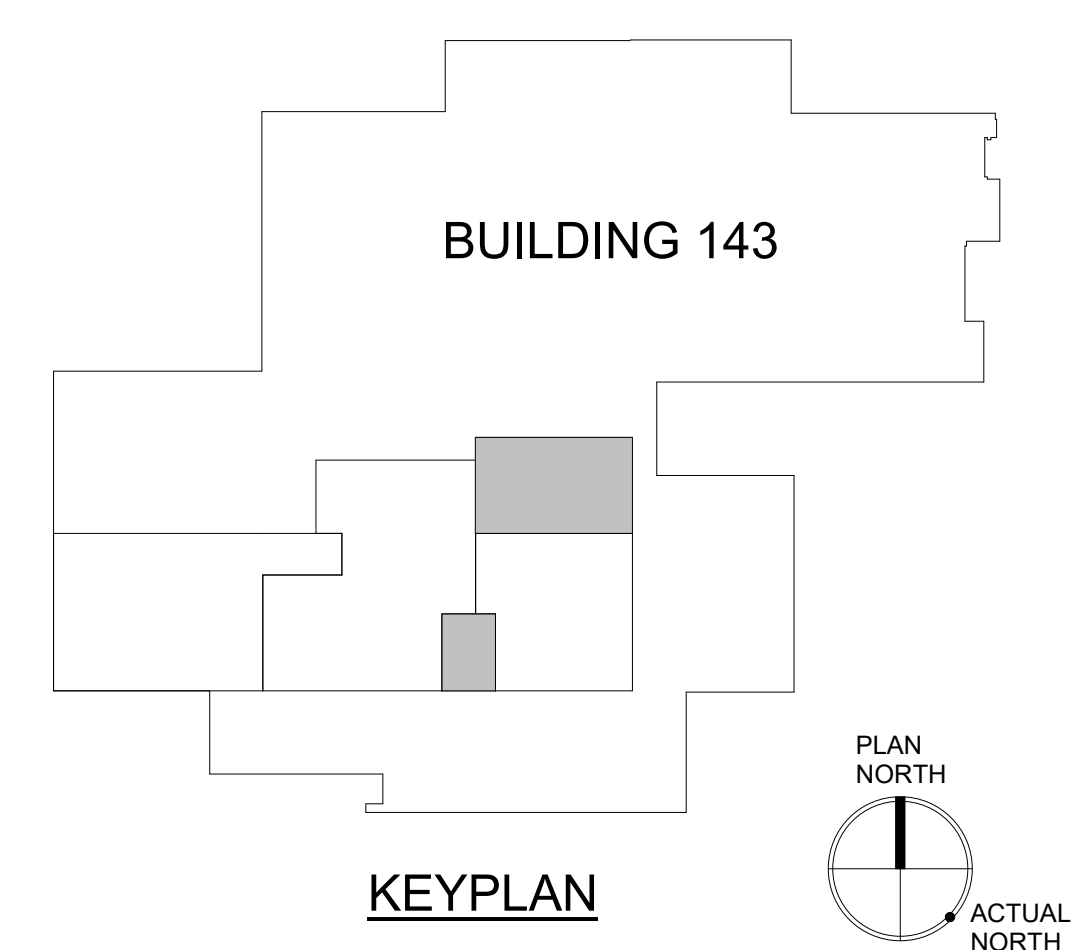
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**1 DEMOLITION PLAN - 1ST FLOOR, PHASE 3 (NORTH)**  
SCALE: 1/4" = 1'-0"



**2 DEMOLITION PLAN - 1ST FLOOR, PHASE 3 (SOUTH)**  
SCALE: 1/4" = 1'-0"



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Revisions:	Date:

CONSULTANT		
Architecture: PF&A DESIGN, P.C.	Civil Engineering: LABELLA ASSOCIATES	Fire Protection: STANTON ENGINEERING SERVICES, LLC

**ENGINEER OF RECORD**

Miller-Remick LLC  
PROFESSIONAL ENGINEER

A Service Disabled Veteran-Owned Small Business  
(856) 429-4000 • Miller-Remick.com

Office of  
Construction  
and Facilities  
Management

VA U.S. Department  
of Veterans Affairs

Drawing Title <b>PLUMBING DEMOLITION PLAN 1ST FLOOR, PHASE 3</b>	Phase BID DOCUMENTS
Approved by: Jon Manninen, COR	FULLY SPRINKLERED

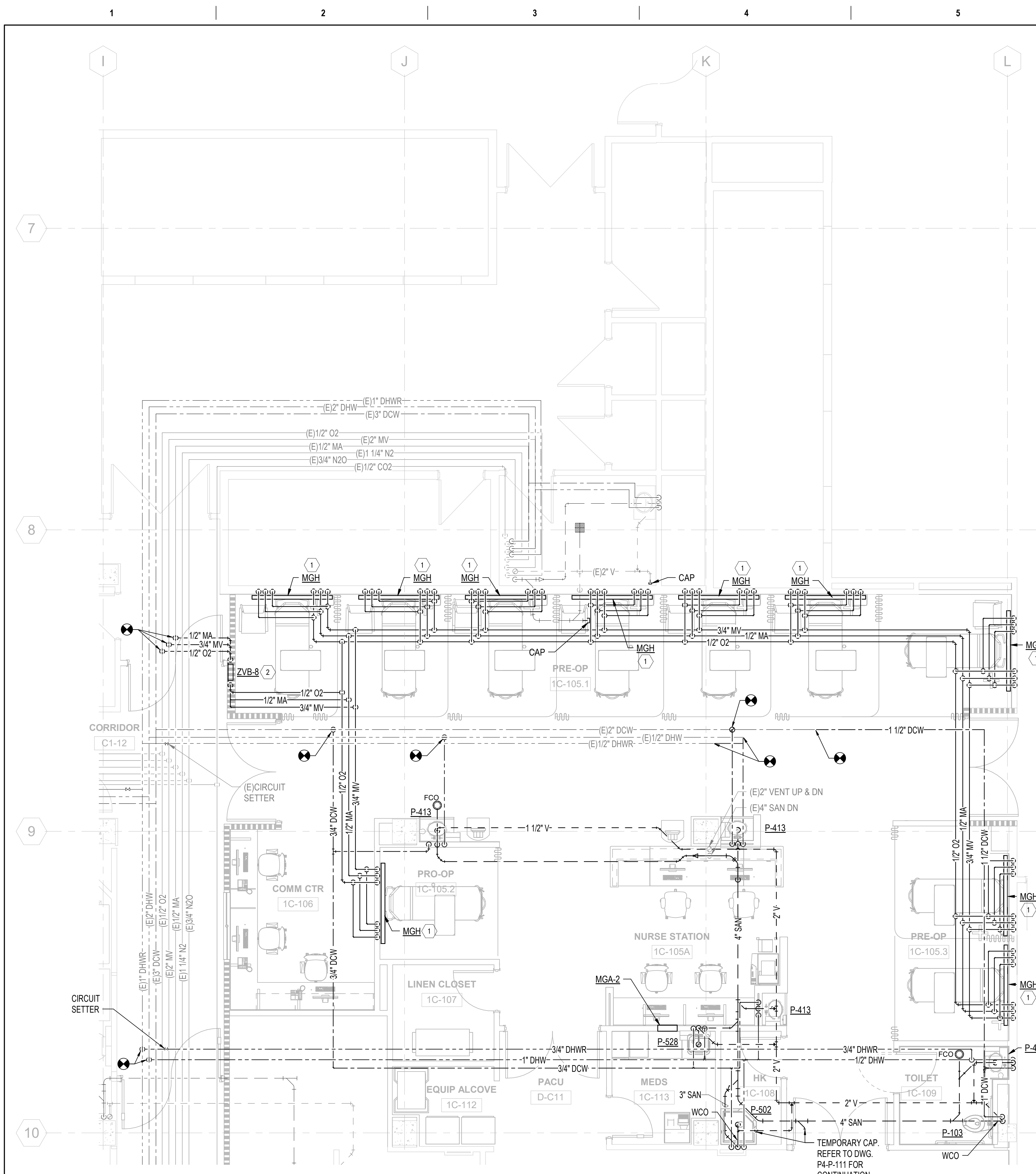
Project Title RENOVATE SURGICAL SUITE PHASE II	VA Drawing Number 2617
Project Number 658-19-103	Building Number 143
Location SALEM VA MEDICAL CENTER	Drawing Number P3-PD111
Issue Date 2025-12-30	Checked GM
	Drawn SP

**GENERAL SHEET NOTES:**

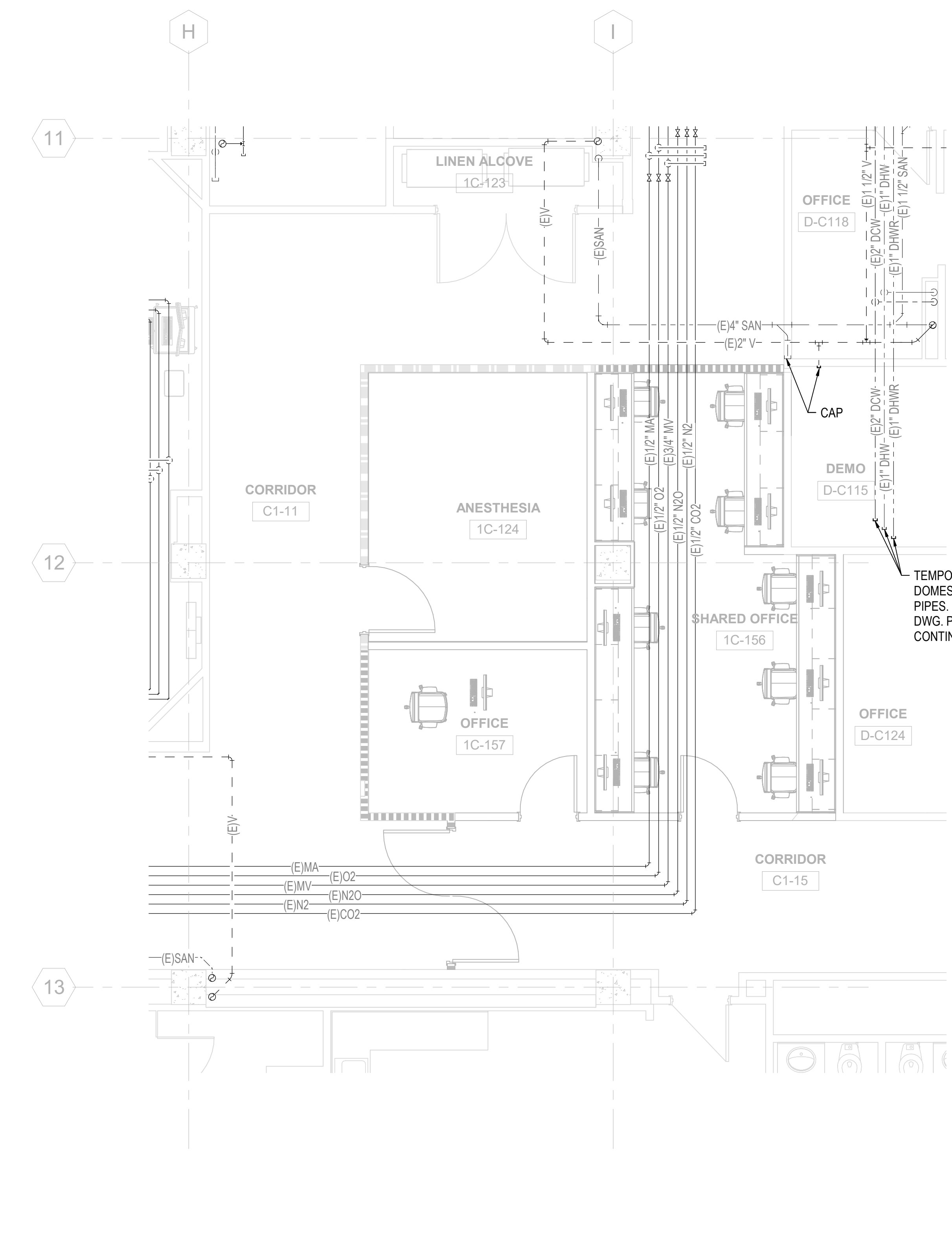
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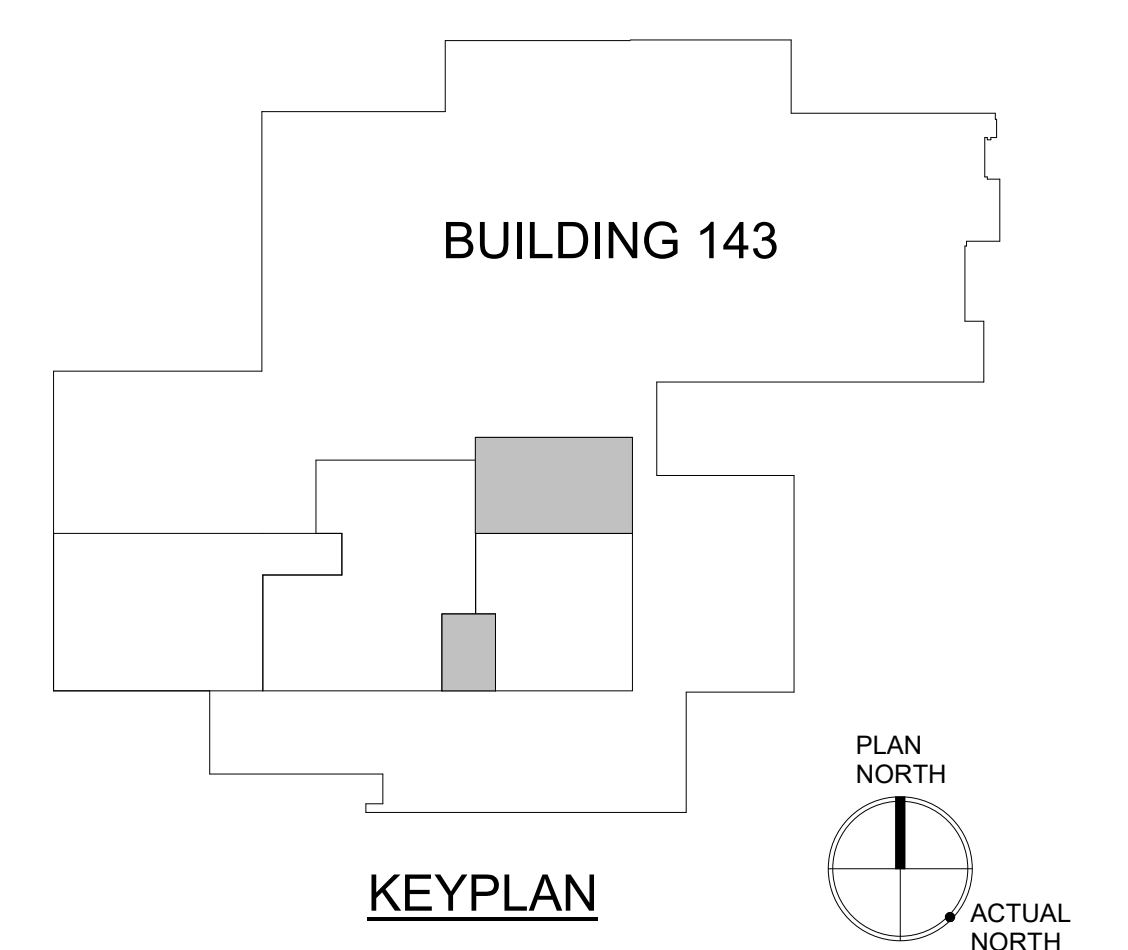
- 1 MEDICAL GAS HEADWALL. PROVIDE THE FOLLOWING MEDICAL GAS LINES FOR EACH PATIENT BED - 3/4" MV, 1/2" MA & 1/2" O2. REFER TO DETAIL 3 / P-501.
- 2 ZONE VALVE BOX. PROVIDE THE FOLLOWING MEDICAL GAS LINES TO / FROM ZVB - 3/4" MV, 1/2" MA & 1/2" O2.



**1 PLUMBING PLAN - 1ST FLOOR, PHASE 3 (NORTH)**  
SCALE: 1/4" = 1'-0"



**2 PLUMBING PLAN - 1ST FLOOR, PHASE 3 (SOUTH)**  
SCALE: 1/4" = 1'-0"



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Revisions:	Date:

CONSULTANT		
Architecture: PF&A DESIGN, P.C.	Civil Engineering: LABELLA ASSOCIATES	Fire Protection: STANTON ENGINEERING SERVICES, LLC

**ENGINEER OF RECORD**

MILLER-REMIK  
A Service Disabled Veteran-Owned Small Business  
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MILLER-REMIK LLC  
PROFESSIONAL ENGINEER

Office of  
Construction  
and Facilities  
Management

U.S. Department  
of Veterans Affairs

Drawing Title <b>PLUMBING NEW WORK PLAN 1ST FLOOR, PHASE 3</b>
Approved by: Jon Manninen, COR

Phase BID DOCUMENTS
FULLY SPRINKLERED

Project Title RENOVATE SURGICAL SUITE PHASE II	Project Number 658-19-103	VA Drawing Number 2617
Location SALEM VA MEDICAL CENTER	Issue Date 2025-12-30	Building Number 143
Checked GM	Drawn SP	Drawing Number P3-P-111

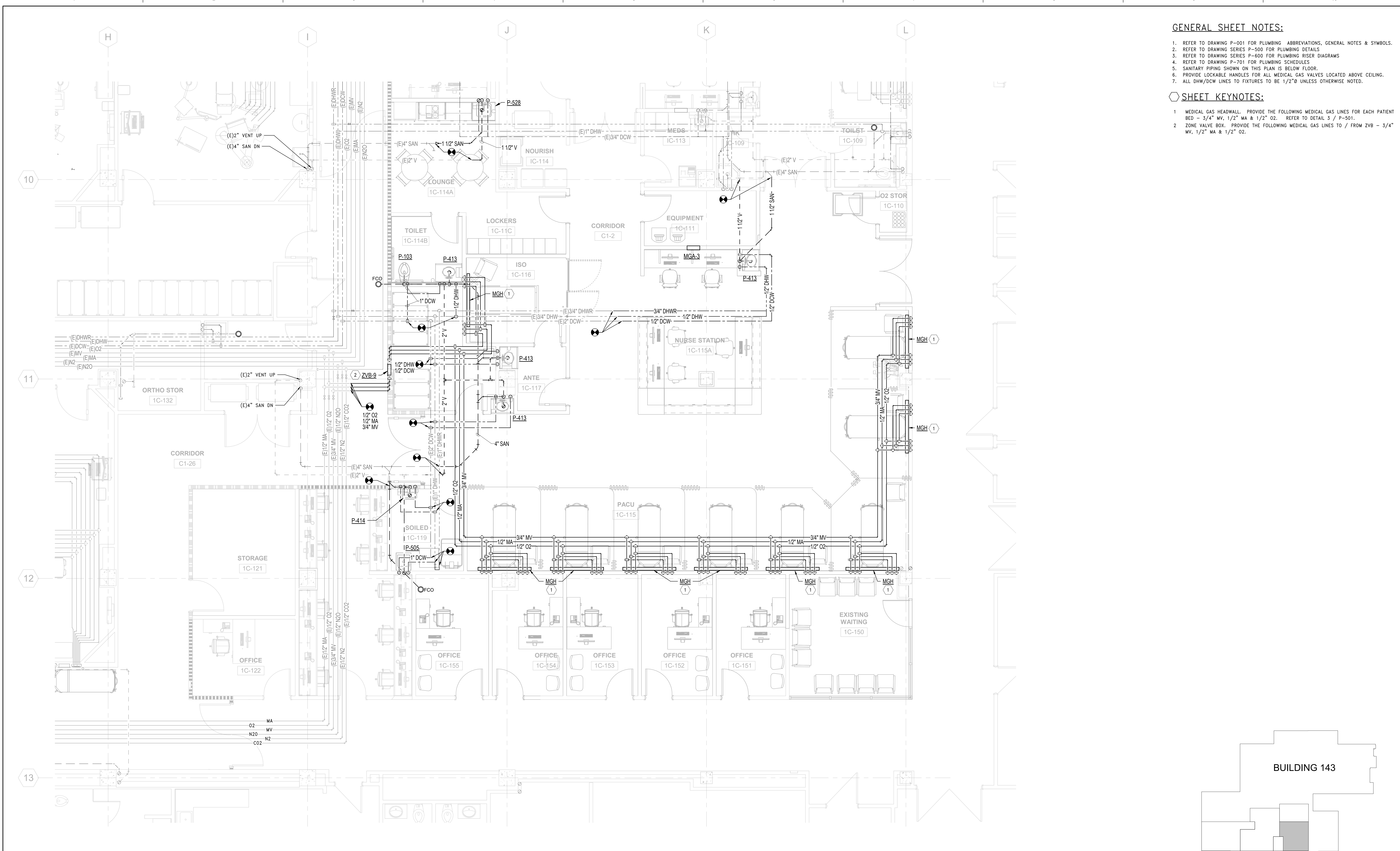


**GENERAL SHEET NOTES:**

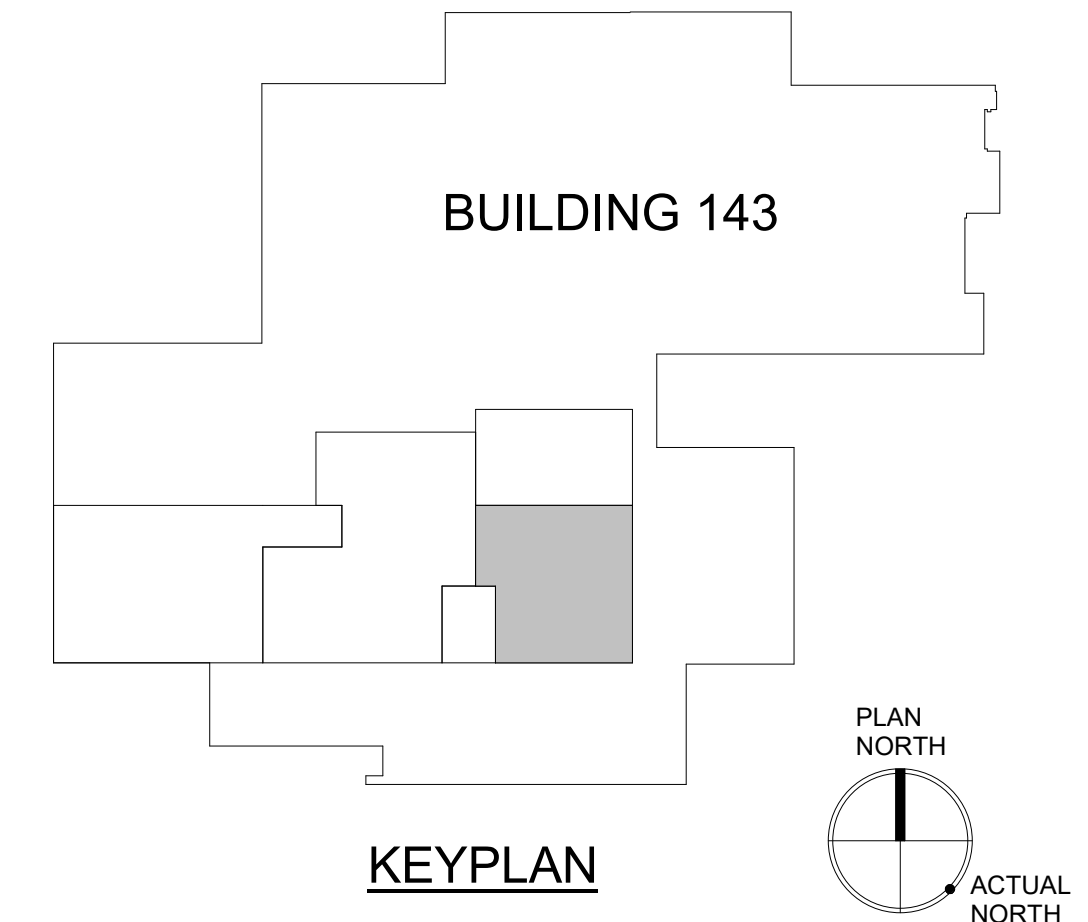
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6. PROVIDE LOCKABLE HANDLES FOR ALL MEDICAL GAS VALVES LOCATED ABOVE CEILING.
7. ALL DHW/DCW LINES TO FIXTURES TO BE 1/2"Ø UNLESS OTHERWISE NOTED.

**SHEET KEYNOTES:**

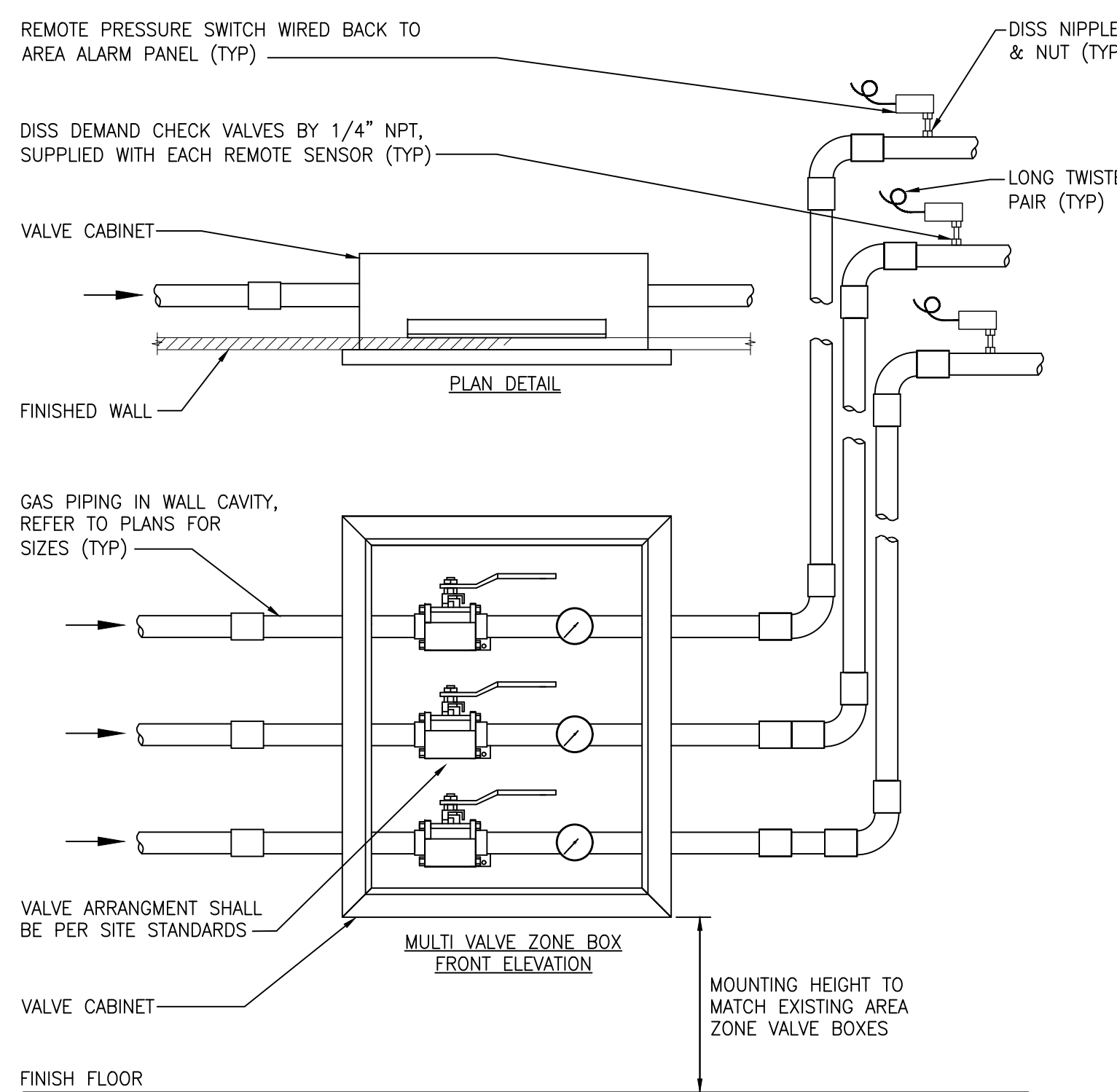
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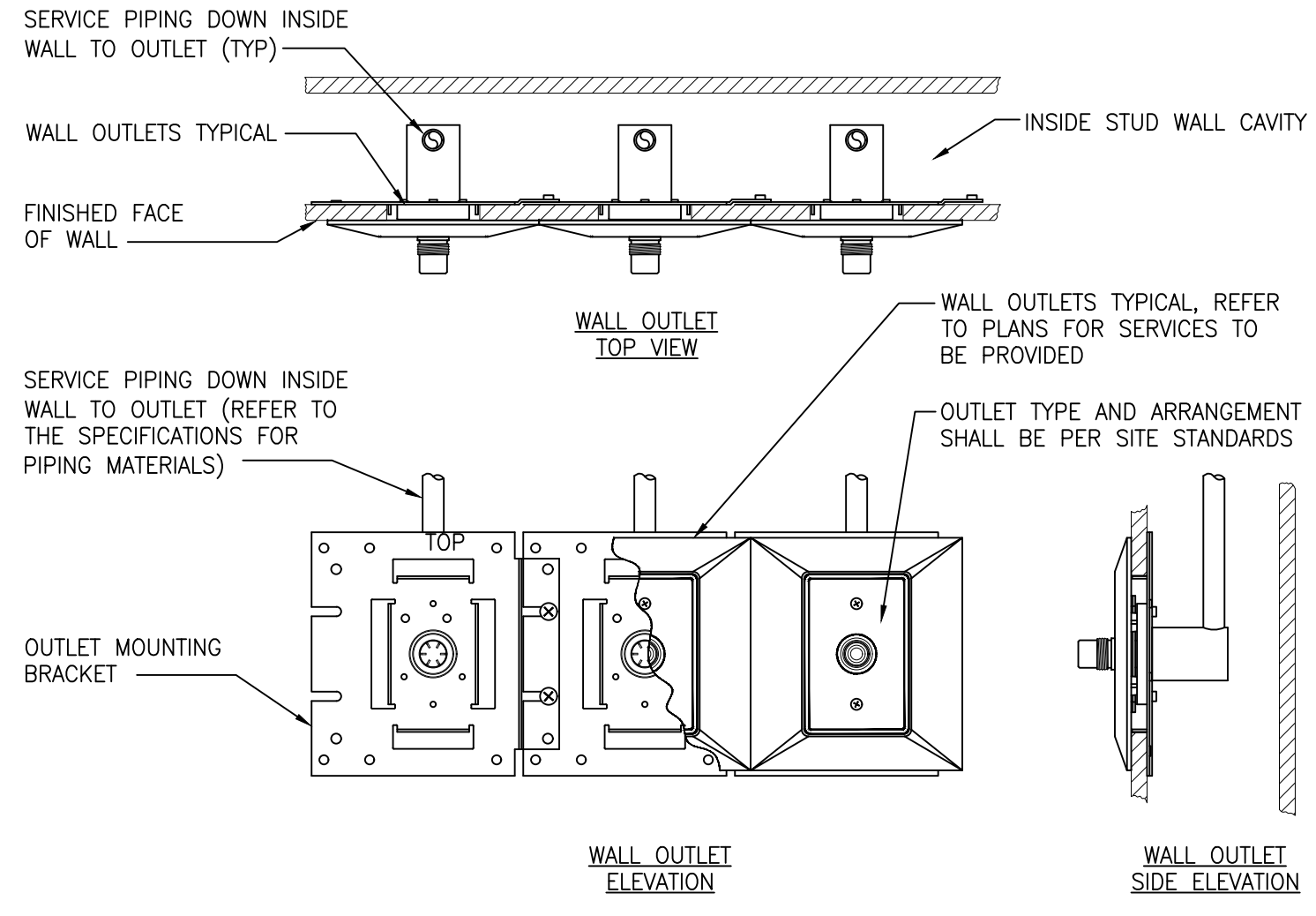
**1 PLUMBING PLAN - 1ST FLOOR, PHASE 4**  
SCALE: 1/4" = 1'-0"



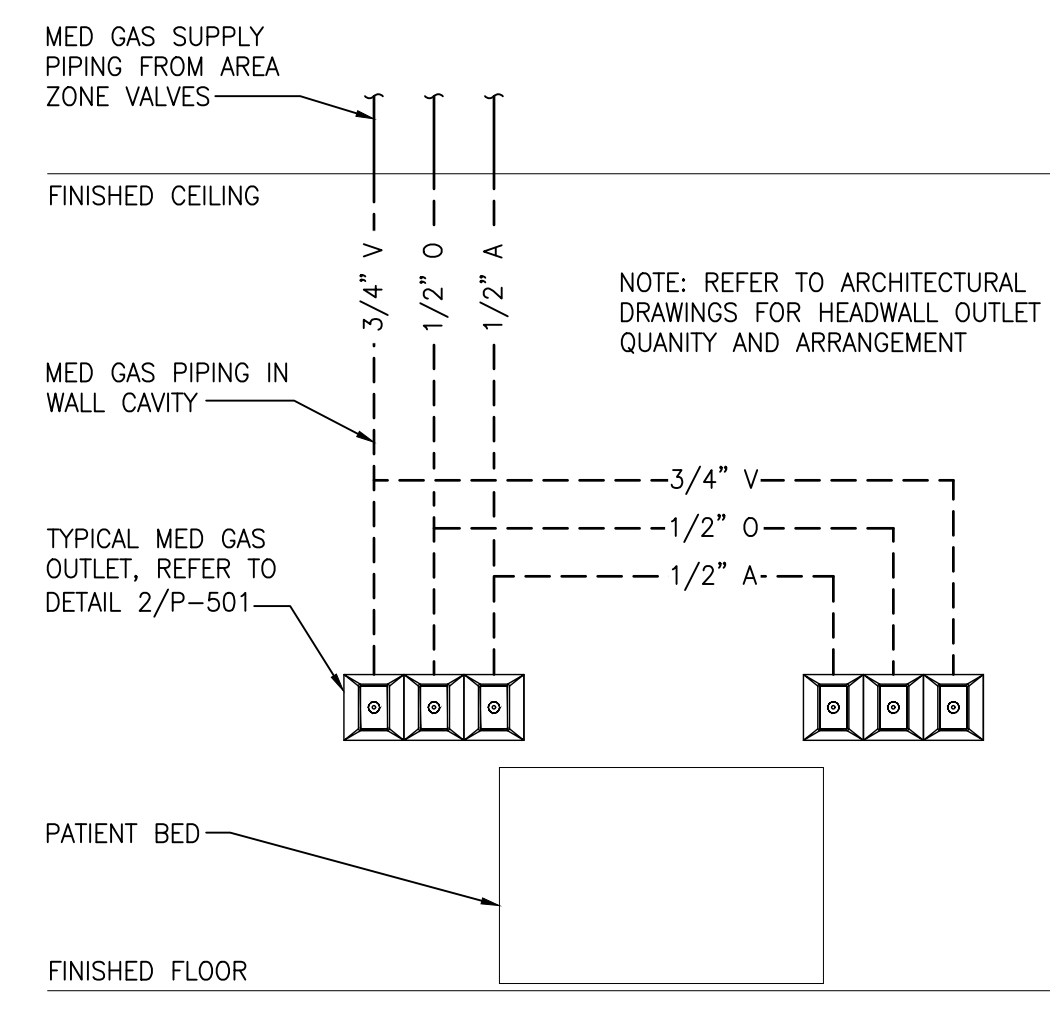
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Revisions:			Date:			U.S. Department of Veterans Affairs			<b>FULLY SPRINKLERED</b>			Location <b>SALEM VA MEDICAL CENTER</b> Issue Date 2025-12-30 Checked GM Drawn SP								



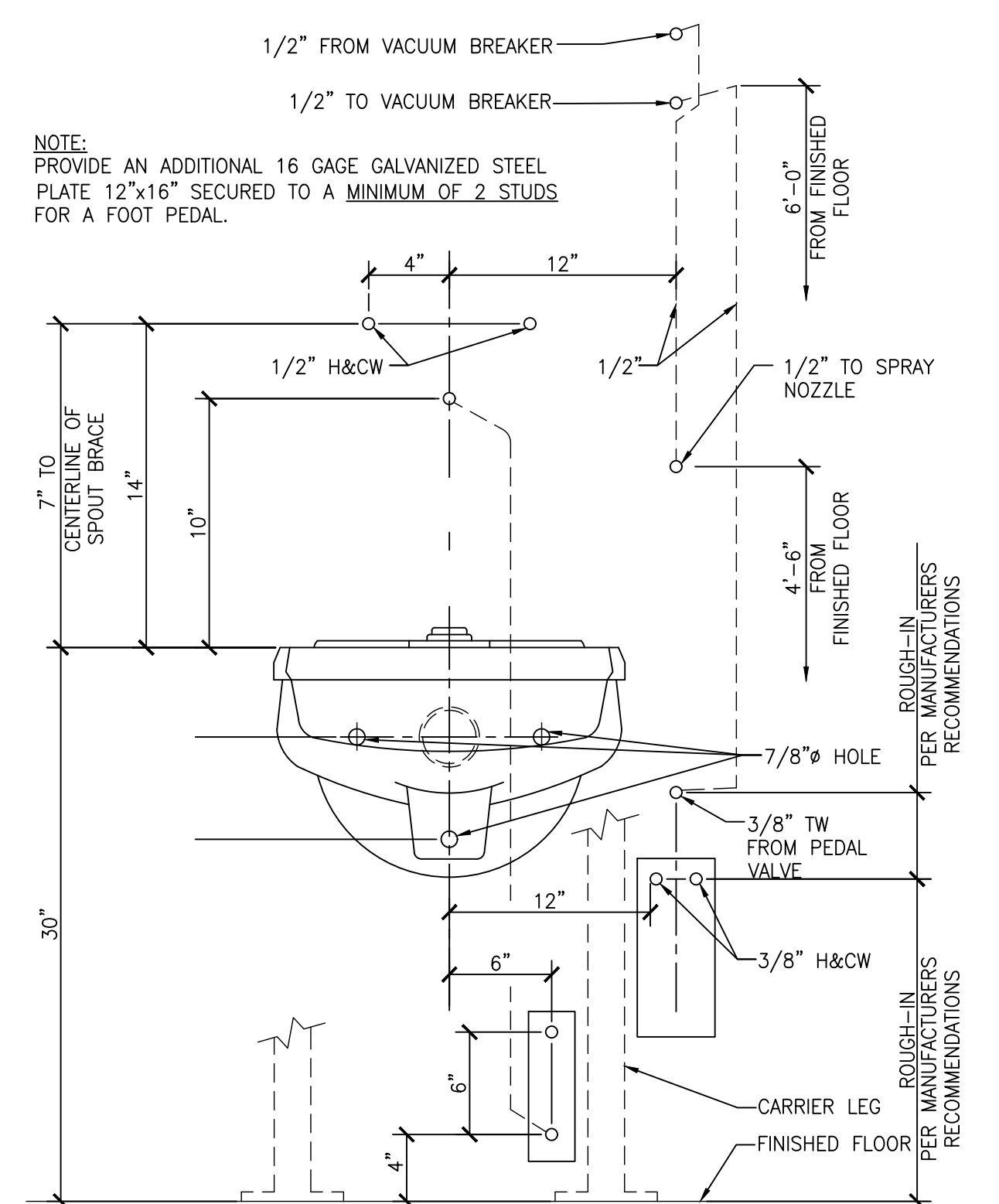
1 MED GAS ZONE VALVE BOX DETAIL  
SCALE: NTS



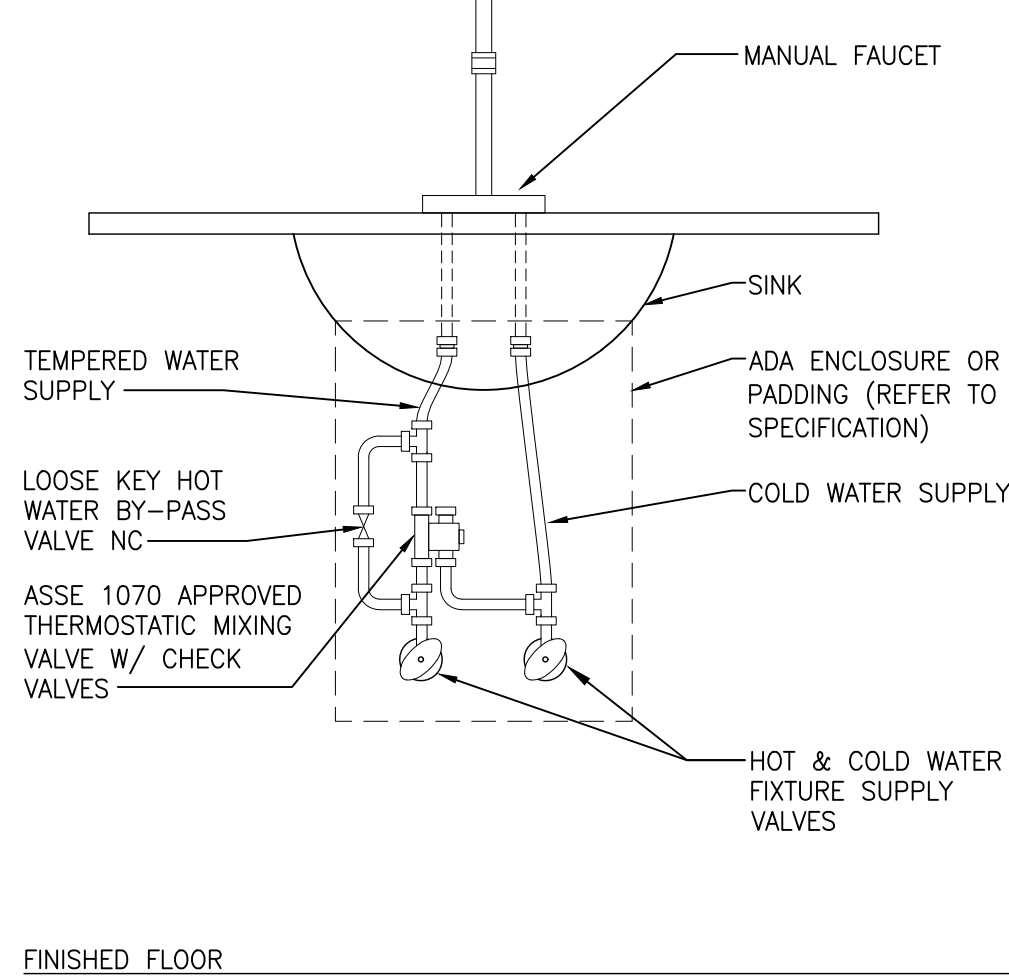
2 TYPICAL MED GAS WALL OUTLET DETAIL  
SCALE: NTS



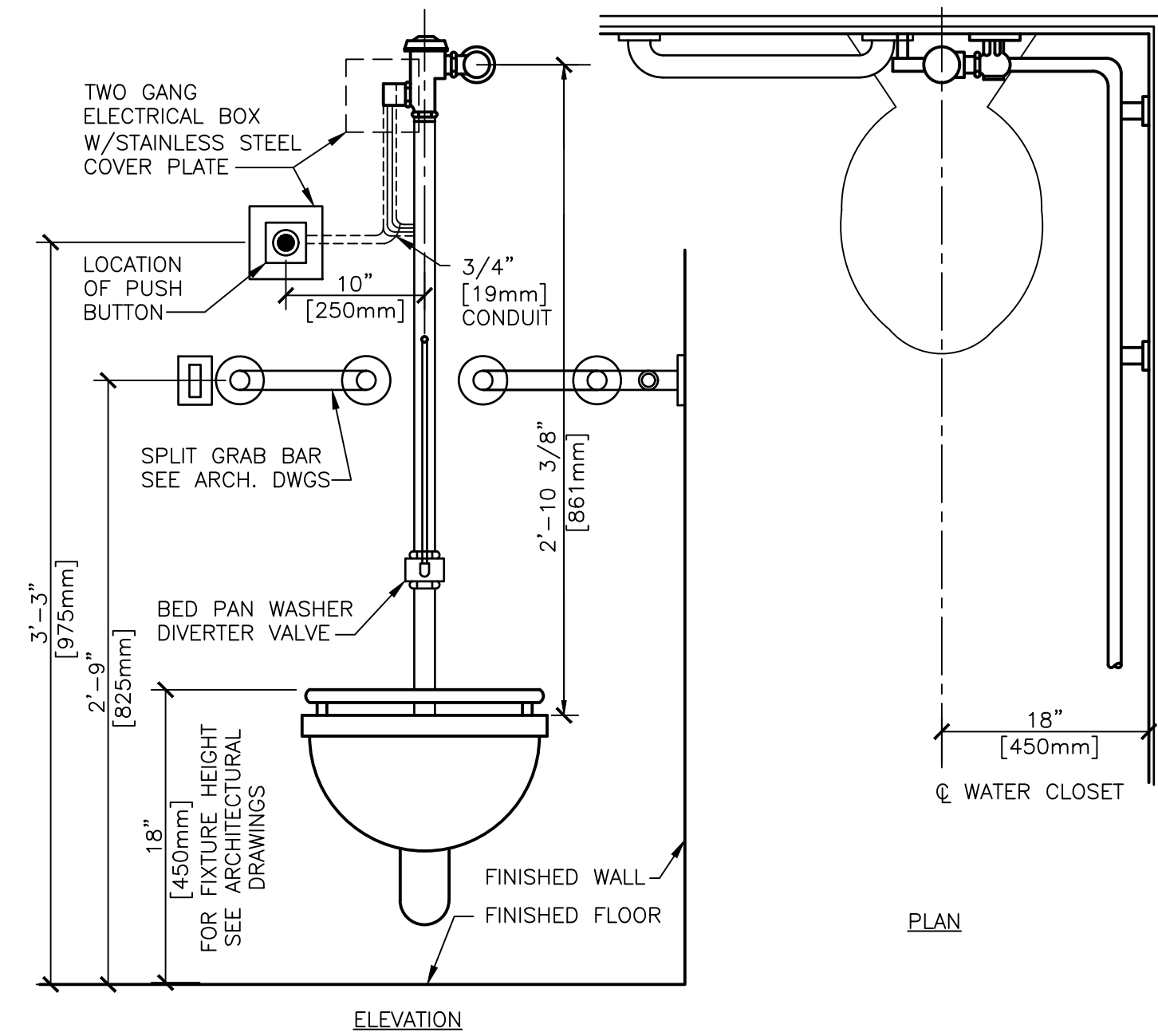
3 TYPICAL HEADWALL MED GAS DETAIL  
SCALE: NTS



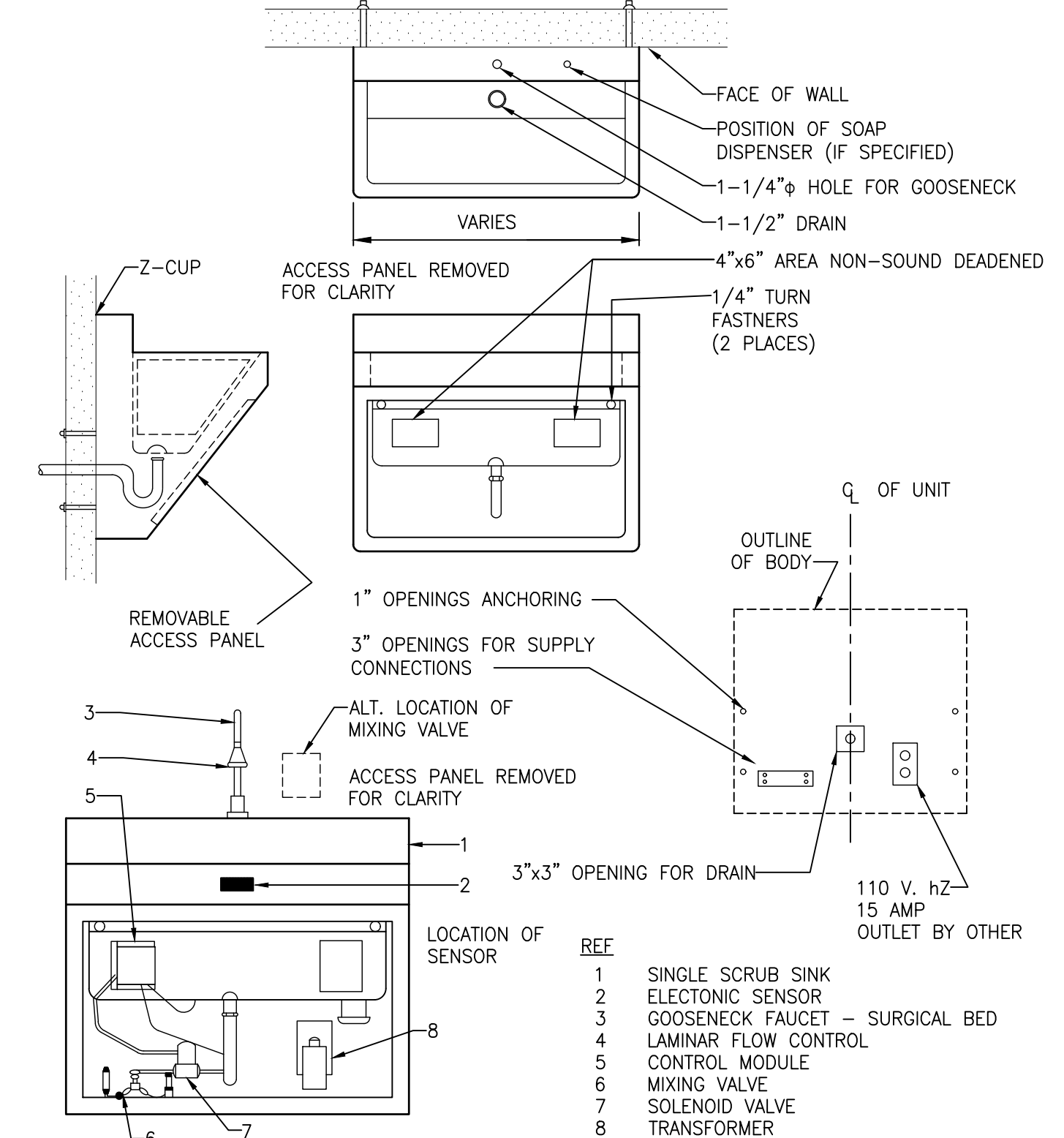
4 TYPICAL CLINIC SINK ROUGH-IN DETAIL  
SCALE: NTS



5 TYPICAL MANUAL FAUCET PIPING DETAIL  
SCALE: NTS



6 P-103 WATER CLOSET DETAIL  
SCALE: NTS



7 TYPICAL SCRUB SINK DETAIL  
SCALE: NTS

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NO.	DESCRIPTION	DATE

CONSULTANTS		
Architecture: PF&A DESIGN, P.C.	Civil Engineering: LABELLA ASSOCIATES	Fire & Life Safety: STANTON ENGINEERING SERVICES, LLC

ENGINEER OF RECORD

MILLER-REMICK LLC  
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management  
VA U.S. Department of Veterans Affairs

Drawing Title  
PLUMBING DETAILS

Approved by:  
Jon Manninen, COR

Phase  
BID DOCUMENTS

FULLY SPRINKLERED

Project Title  
RENOVATE SURGICAL SUITE PHASE II

Project Number  
658-19-103

Location  
SALEM VA MEDICAL CENTER

Issue Date  
2025-12-30

Checked  
BH

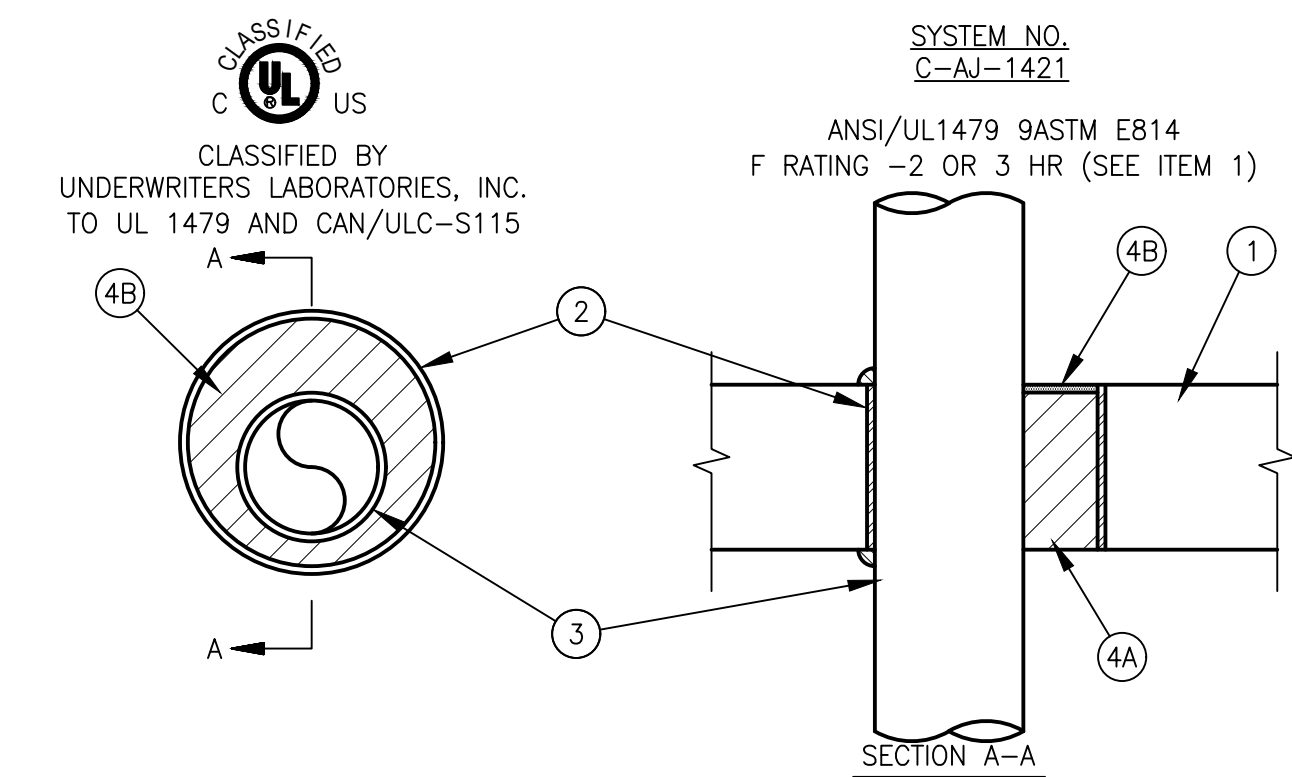
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VA Drawing Number  
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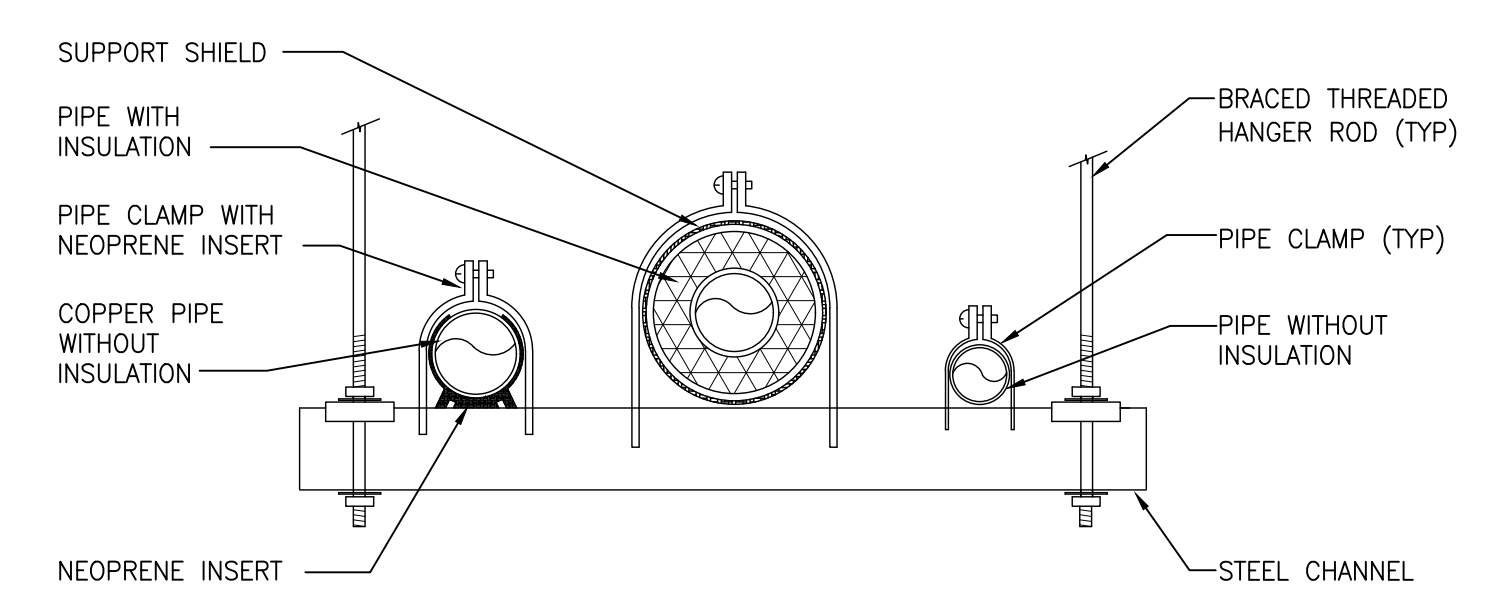
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Drawing Number  
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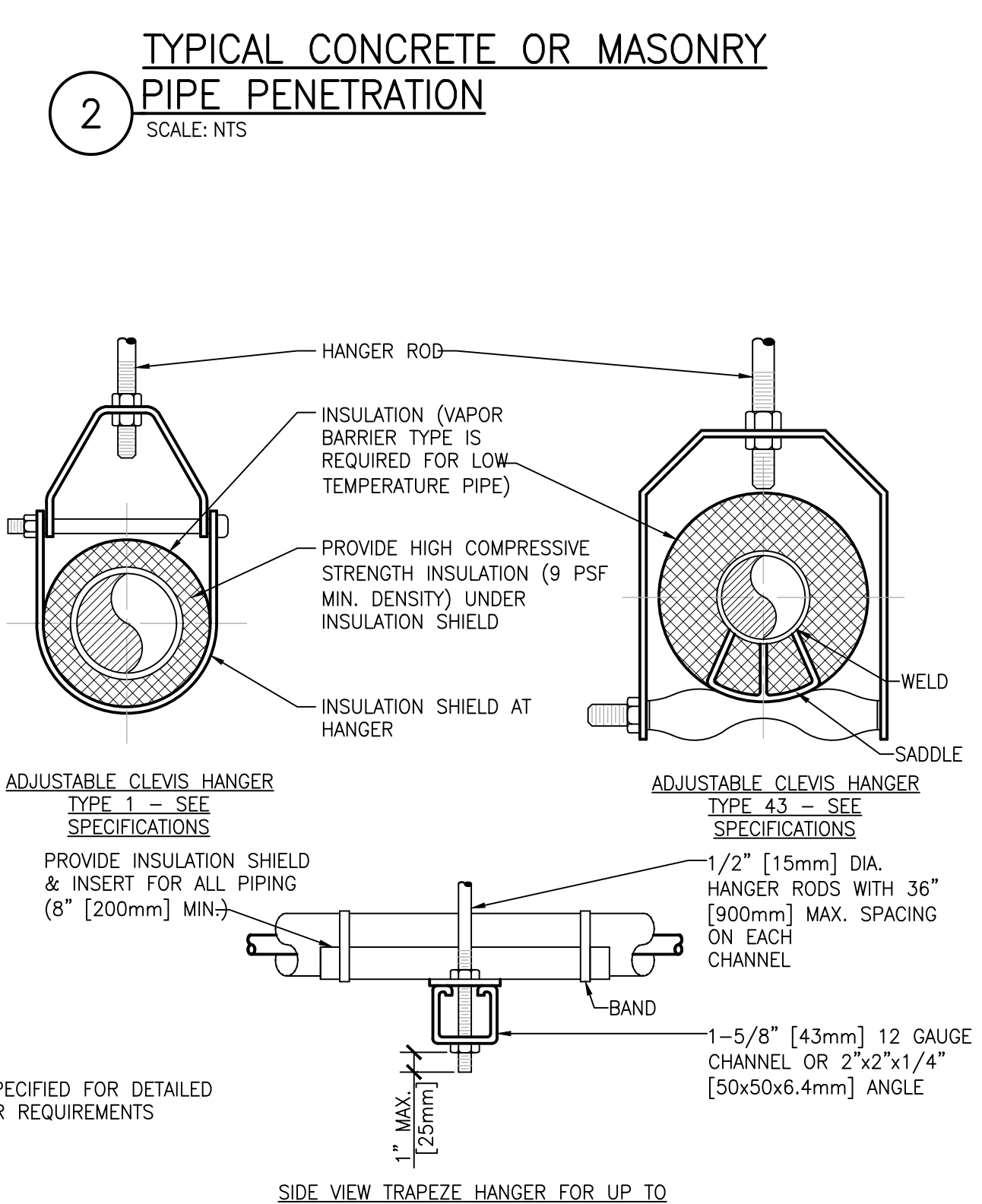
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one quarter inch = one foot  
 three eighths inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot



- EXISTING FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX. DIAM OF OPENING IS 6 IN.
- METALLIC SLEEVE - (OPTIONAL) NOM 6 IN. DIAM (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY, FLUSH WITH FLOOR OR WALL SURFACES.
- THROUGH PENETRANTS - ONE METALLIC PIPE OR TUBING TO BE EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN. 0 IN. (POINT CONTACT) TO A MAX 5-3/8 IN. PIPE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES OR TUBING MAY BE USED:
  - A. STEEL PIPE - NOM 4 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
  - B. COPPER TUBING - NOM 4 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
- FIRESTOP SYSTEM - THE FIRE STOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
  - A. PACKING MATERIAL - MIN 4 IN. THICKNESS OF 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
  - B. FILL VOID OR CAVITY MATERIAL\* - SEALANT - MIN 1/4 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH THE TOP SURFACE OF THE FLOOR OR BOTH SURFACES OF WALL. FOR 3 HR RATED ASSEMBLIES, A MIN 1/4 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE AT THE POINT CONTACT LOCATION ON THE TOP SURFACE OF FLOOR AND ON BOTH SURFACES OF WALL.
    - HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE SEALANT OR FS-ONE MAX INTUMESCENT SEALANT
    - \* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR cUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR cUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.



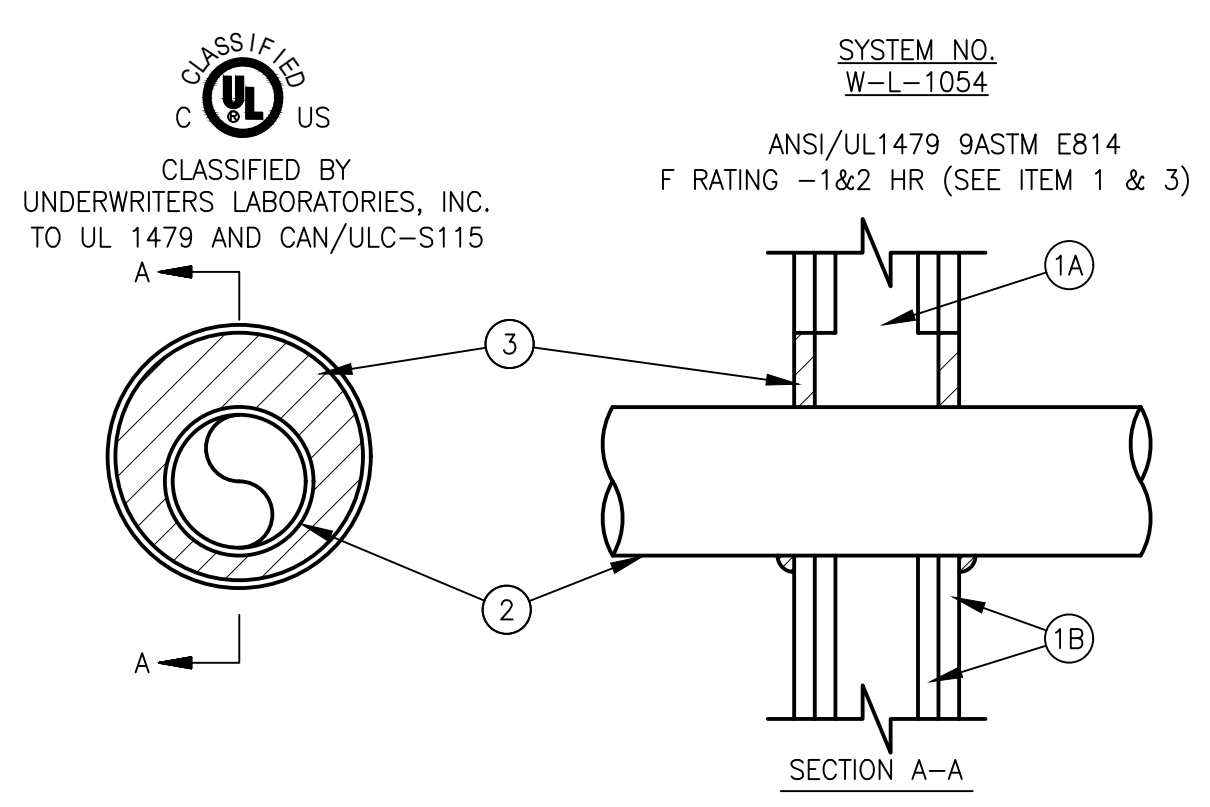
1 TYPICAL TRAPEZE PIPE SUPPORT DETAIL  
 SCALE: NTS



MAXIMUM PIPE/TUBING SUPPORT SPACING

NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
		[20]	[25]	[32]	[40]	[50]	[63]	[75]	[100]	[125]	[150]	[200]	[250]
PIPE	FT.	7	7	7	9	10	11	12	14	16	17	19	22
	(mm)	[2100]	[2100]	[2100]	[2700]	[3000]	[3400]	[3700]	[4100]	[4900]	[5200]	[5800]	[6700]
TUBING	FT.	5	6	7	8	8	9	10	12	13	14	16	-
	(mm)	[1500]	[1800]	[2100]	[2400]	[2400]	[2700]	[3000]	[3700]	[4000]	[4100]	[4900]	-

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.



- EXISTING WALL ASSEMBLY - 1 OR 2 HR FIRE RATED GYPSUM BOARD/STUD WALL ASSEMBLY.
- THROUGH PENETRANTS - ONE METALLIC PIPE OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 IN. TO MAX 2-1/4 IN. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT CONTACT. PIPE OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES OR TUBING MAY BE USED:
  - A. STEEL PIPE - NOM 3/4 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
  - B. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
- FILL VOID OR CAVITY MATERIAL\* - SEALANT - MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT OR CONTINUOUS CONTACT LOCATION BETWEEN PIPE AND WALL, A MIN 1/2 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE PIPE WALL INTERFACE ON BOTH SURFACES OF WALL.
  - \* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR cUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR cUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

3 TYPICAL GYPSUM STUB WALL PIPE PENETRATION  
 SCALE: NTS

4 PIPE HANGER DETAIL  
 SCALE: NTS

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE

CONSULTANTS		
Architecture: PF&A DESIGN, P.C.	Civil Engineering: LABELLA ASSOCIATES	Fire & Life Safety: STANTON ENGINEERING SERVICES, LLC

ENGINEER OF RECORD

MILLER-REMICK LLC  
 PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

Drawing Title  
**PLUMBING DETAILS**

Approved by:  
 Jon Manninen, COR

Phase  
 BID DOCUMENTS

FULLY SPRINKLERED

Project Title  
 RENOVATE SURGICAL SUITE PHASE II

Project Number  
 658-19-103

Location  
 SALEM VA MEDICAL CENTER

Issue Date  
 2025-12-30

Checked  
 BH

Drawn  
 pd

VA Drawing Number  
 2617

Building Number  
 143

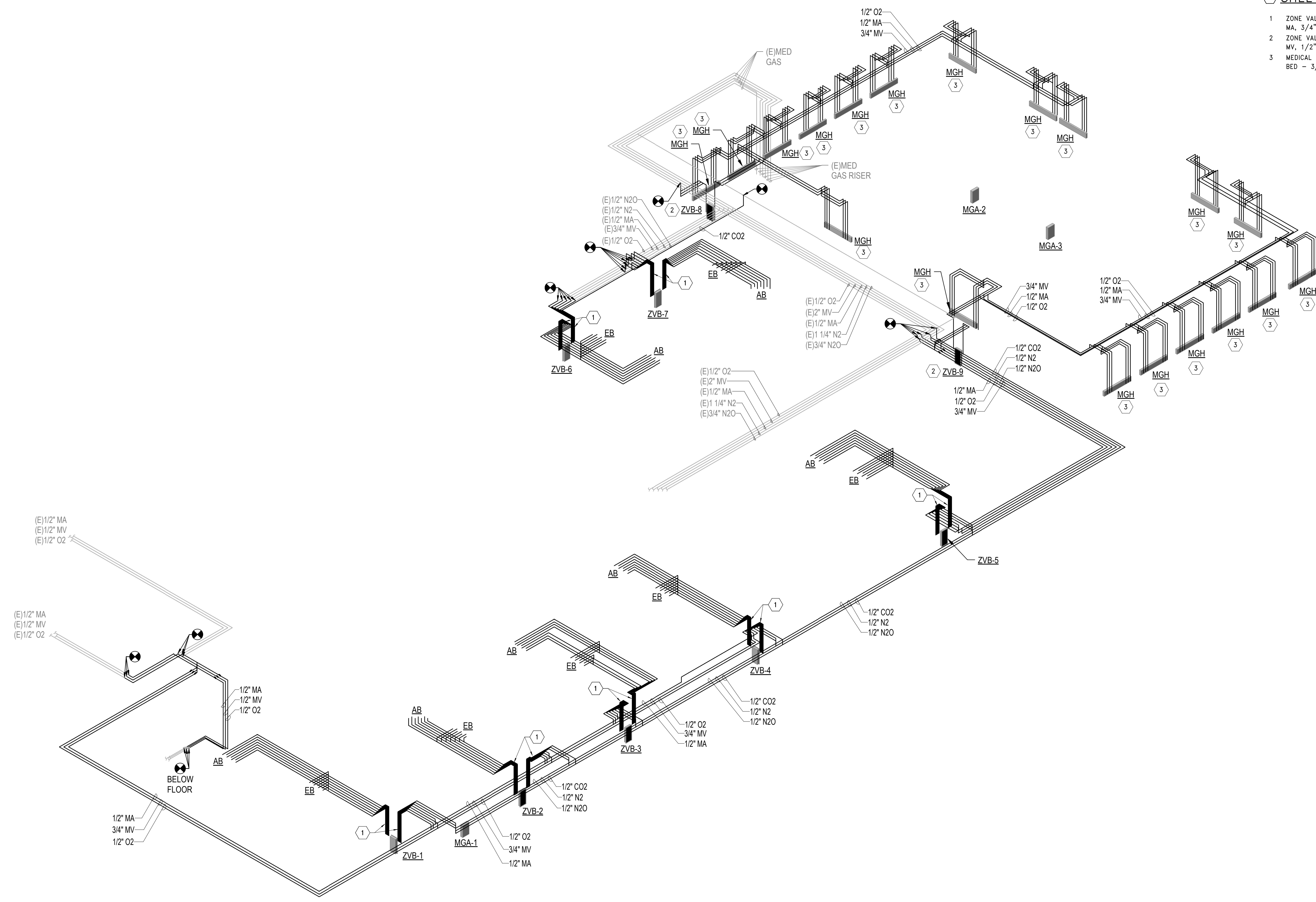
Drawing Number  
**P-502**

**GENERAL SHEET NOTES:**


1. REFER TO DRAWING P-001 FOR PLUMBING ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
2. REFER TO DRAWING SERIES P-500 FOR PLUMBING DETAILS
3. REFER TO DRAWING SERIES P-600 FOR PLUMBING RISER DIAGRAMS
4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES
5. SANITARY PIPING SHOWN ON THIS PLAN IS BELOW FLOOR.

**SHEET KEYNOTES:**

1. ZONE VALVE BOX. PROVIDE THE FOLLOWING MEDICAL GAS LINES TO / FROM ZVB - 1/2" MA, 3/4" MV, 1/2" O2, 1/2" N2O, 1/2" N2, 1/2" CO2 & 3/4" WAGD.
2. ZONE VALVE BOX. PROVIDE THE FOLLOWING MEDICAL GAS LINES TO / FROM ZVB - 3/4" MV, 1/2" MA & 1/2" O2.
3. MEDICAL GAS HEADWALL. PROVIDE THE FOLLOWING MEDICAL GAS LINES FOR EACH PATIENT BED - 3/4" MV, 1/2" MA & 1/2" O2. REFER TO DETAIL 3 / P-501.

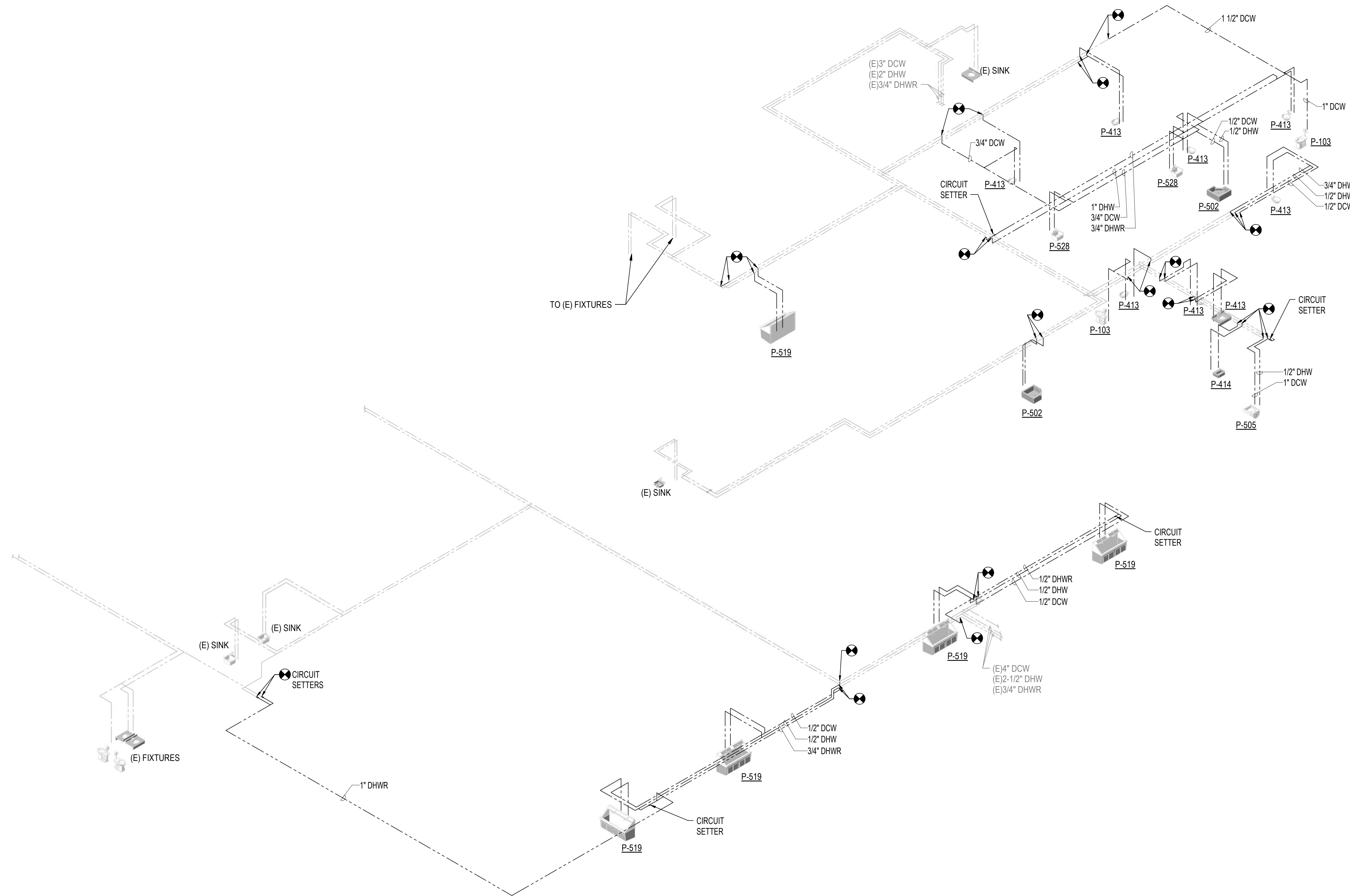


**1 ISOMETRIC DIAGRAM MEDICAL GAS**  
SCALE: NTS

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.		<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC		<b>ENGINEER OF RECORD</b>  MILLER-REMICK LLC PROFESSIONAL ENGINEER COMMONWEALTH OF VIRGINIA Lic. No. 402055078 PROFESSIONAL ENGINEER		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title: PLUMBING ISOMETRIC DIAGRAM MEDICAL GAS Approved by: Jon Manninen, COR		Phase: BID DOCUMENTS FULLY SPRINKLERED		Project Title: RENOVATE SURGICAL SUITE PHASE II Project Number: 658-19-103 Location: SALEM VA MEDICAL CENTER Issue Date: 2025-12-30 Checked: JS Drawn: SP		VA Drawing Number: 2617 Building Number: 143 Drawing Number: P-601	
Revisions:		Date:		VA FORM 08 - 6231											

**GENERAL SHEET NOTES:**

1. REFER TO DRAWING P-001 FOR PLUMBING ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
2. REFER TO DRAWING SERIES P-500 FOR PLUMBING DETAILS
3. REFER TO DRAWING SERIES P-600 FOR PLUMBING RISER DIAGRAMS
4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES
5. ALL DHW/DCW LINES TO FIXTURES TO BE 1/2"Ø UNLESS OTHERWISE NOTED.

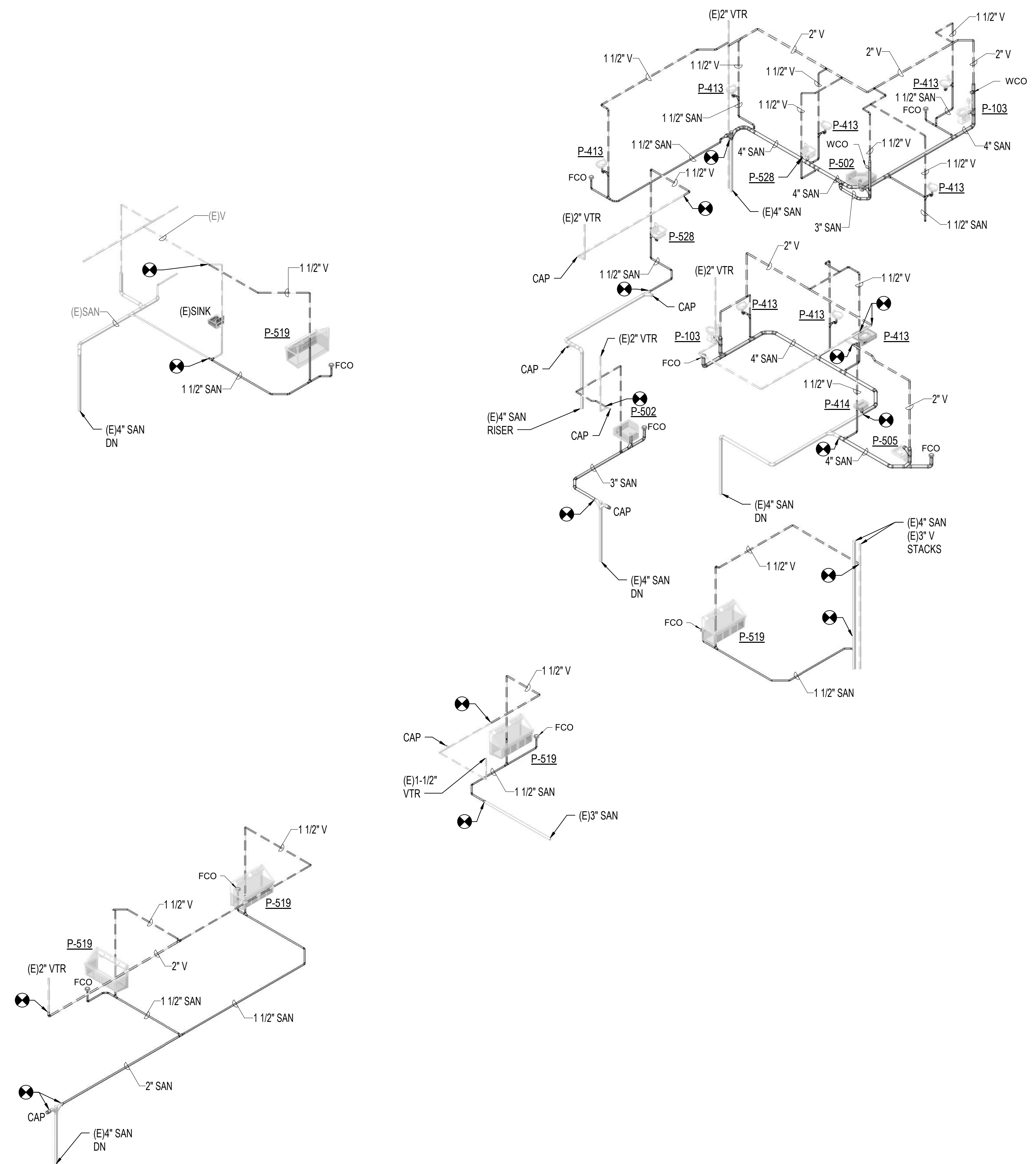


**1 ISOMETRIC DIAGRAM DOMESTIC WATER**  
SCALE: NTS

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER		<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC		<b>ENGINEER OF RECORD</b>  MILLER-REMICK LLC PROFESSIONAL ENGINEER COMMONWEALTH OF VIRGINIA License No. 402055079 12.31.2025		<b>Office of Construction and Facilities Management</b> VA U.S. Department of Veterans Affairs		Drawing Title: <b>PLUMBING ISOMETRIC DIAGRAM DOMESTIC WATER</b> Approved by: Jon Manninen, COR		Phase: <b>BID DOCUMENTS</b> <b>FULLY SPRINKLERED</b>		Project Title: <b>RENOVATE SURGICAL SUITE PHASE II</b> Project Number: 658-19-103 Location: SALEM VA MEDICAL CENTER Issue Date: 2025-12-30 Checked: JS Drawn: SP		VA Drawing Number: 2617 Building Number: 143 Drawing Number: P-602	
Revisions: _____ Date: _____															

**GENERAL SHEET NOTES:**

1. REFER TO DRAWING P-001 FOR PLUMBING ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
2. REFER TO DRAWING SERIES P-500 FOR PLUMBING DETAILS
3. REFER TO DRAWING SERIES P-600 FOR PLUMBING RISER DIAGRAMS
4. REFER TO DRAWING P-701 FOR PLUMBING SCHEDULES



**1 ISOMETRIC DIAGRAM SANITARY & VENT**  
SCALE: NTS

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER		<b>CONSULTANT</b> Architecture: PF&A DESIGN, P.C. Civil Engineering: LABELLA ASSOCIATES Fire Protection: STANTON ENGINEERING SERVICES, LLC		<b>ENGINEER OF RECORD</b> MILLER-REMICK LLC PROFESSIONAL ENGINEER COMMONWEALTH OF VIRGINIA License No. 402055079 12-30-2025		Office of Construction and Facilities Management U.S. Department of Veterans Affairs		Drawing Title: <b>PLUMBING ISOMETRIC DIAGRAM SANITARY &amp; VENT</b> Approved by: Jon Manninen, COR		Phase: <b>BID DOCUMENTS</b> FULLY SPRINKLERED		Project Title: <b>RENOVATE SURGICAL SUITE PHASE II</b> Project Number: 658-19-103 Location: SALEM VA MEDICAL CENTER Issue Date: 2025-12-30 Checked: JS Drawn: SP		VA Drawing Number: 2617 Building Number: 143 Drawing Number: P-603	
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6" = 1' (three times)  
 1" = 1' (one time)  
 1/2" = 1' (one time)  
 3/4" = 1' (one time)  
 1/4" = 1' (one time)  
 1/8" = 1' (one time)

EQUIPMENT CONNECTION SCHEDULE										
MARK	LOCATION	SYSTEM AND/OR SERVICE	EQUIPMENT DESCRIPTION	OXYGEN	MED AIR	NITROGEN	NITROUS OXIDE	CARBON DIOXIDE	VACUUM	WAGD
				IN	IN	IN	IN	IN	IN	IN
AB	OR'S	MEDICAL GAS	ANESTHESIA BOOM	1/2	1/2	1/2	1/2	1/2	3/4	3/4
EB	OR'S	MEDICAL GAS	EQUIP BOOM	1/2	1/2	1/2	1/2	1/2	3/4	3/4
MGH	PRE-OP	MEDICAL GAS	MEDICAL HEADWALL	1/2	1/2	-	-	-	3/4	-

MEDICAL GAS ALARM PANEL SCHEDULE											
MARK	LOCATION	TYPE OF PANEL	GAGES	TEST BUTTON	ABNORMAL SERVICE PRESSURE INDICATOR LIGHTS						
					CARBON DIOXIDE	MEDICAL AIR	MED VACUUM	WAGD	NITROGEN	NITROUS OXIDE	OXYGEN
MGA-1	OR	AREA ALARM	YES	YES	NO	YES	YES	YES	YES	NO	YES
MGA-2	PRE-OP	AREA ALARM	YES	YES	NO	YES	YES	YES	NO	NO	YES
MGA-3	PACU	AREA ALARM	YES	YES	NO	YES	YES	YES	NO	NO	YES

PLUMBING FIXTURE SCHEDULE										
MARK	DESCRIPTION	WASTE PIPE	VENT PIPE	COLD WATER	HOT WATER	WASTE FIXTURE UNITS	WATER FIXTURE UNITS	WRIST BLADE HANDLES	ELECTRIC SENSOR	REMARKS
		IN	IN	IN	IN					
P-103	WATER CLOSET	4	2	1		4	10	NO	YES	WALL HUNG
P-413	LAVATORY	1-1/2	1-1/2	1/2	1/2	1	1	YES	NO	COUNTERTOP, WITH WATER TEMPERATURE LIMITING DEVICE
P-414	LAVATORY	1-1/2	1-1/2	1/2	1/2	1	1	YES	NO	WALL HUNG, WITH WATER TEMPERATURE LIMITING DEVICE
P-502	MOP RECEPTOR	3	1-1/2	1/2	1/2	2	4	NO	NO	FLOOR MOUNTED
P-505	CLINIC SINK	4	2	1	1/2	5	10	NO	NO	
P-519	SCRUB SINK	1-1/2	1-1/2	1/2	1/2	3	2	NO	NO	FLOOR MOUNTED, DOUBLE STATION
P-528	SINK	1-1/2	1-1/2	1/2	1/2	3	2	NO	NO	COUNTERTOP, WITH WATER TEMPERATURE LIMITING DEVICE

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.

NO.	DESCRIPTION	DATE


CONSULTANTS		
Architecture: PF&A DESIGN, P.C.	Civil Engineering: LABELLA ASSOCIATES	Fire & Life Safety: STANTON ENGINEERING SERVICES, LLC

**ENGINEER OF RECORD**



MILLER-REMICK LLC  
PROFESSIONAL ENGINEER

A Service Disabled Veteran-Owned Small Business  
(850) 429-4000 • Miller-Remick.com



**Office of Construction and Facilities Management**

VA U.S. Department of Veterans Affairs

Drawing Title <b>PLUMBING SCHEDULES</b>
Approved by: Jon Manninen, COR

Phase BID DOCUMENTS
FULLY SPRINKLERED

Project Title RENOVATE SURGICAL SUITE PHASE II
Project Number 658-19-103
Location SALEM VA MEDICAL CENTER
Issue Date 2025-12-30
Checked BH
Drawn pd

VA Drawing Number 2617
Building Number 143
Drawing Number <b>P-701</b>