

SYMBOL LEGEND

SYMBOL	DESCRIPTION	ABBREVIATIONS
	PIPE TURNING DOWN	A MEDICAL AIR
	PIPE TURNING UP	ABV ABOVE
	PIPE CAP	AFF ABOVE FINISH FLOOR
	TEE TURNING DOWN	BLW BELOW
	TEE TURNING UP	BF BARRIER FREE
	CIRCUIT SETTER	BFF BELOW FINISH FLOOR
	SHUT-OFF VALVE	CA COMPRESSED AIR
	CHECK VALVE	CO CLEANOUT
	BALANCING VALVE (PLUG TYPE)	CO2 CARBON DIOXIDE
	PRESSURE REDUCING VALVE	CONT CONTINUATION
	FLOOR DRAIN	DCW DOMESTIC COLD WATER
	ROOF DRAIN	DFU SANITARY DRAINAGE FIXTURE UNITS
	OVERFLOW ROOF DRAIN	DHW DOMESTIC HOT WATER
	FLOOR CLEANOUT	DHWR DOMESTIC HOT WATER RETURN
	END-OF-LINE CLEANOUT	DN DOWN
	WALL CLEANOUT	(EX) EXIST.
	YARD CLEANOUT	FCO FLOOR CLEANOUT
	SHOCK ARRESTOR (SUFFIX INDICATES PDI SIZE)	FD FLOOR DRAIN
	UNION	FR FRM FROM
	FROST PROOF HOSE BIB	FLR FLOOR
	HOSE BIB	FPHB FROST PROOF HOSE BIBB
	TRAP PRIMER	HB HOSE BIBB
	DIRECTION OF FLOW	IE INV. EL. INVERT ELEVATION
	POINT OF DEMOLITION	LAV LAVATORY
	FLEXIBLE CONNECTOR	MH MOUNTING HEIGHT
	DEMOLITION	N NITROGEN
		NO NITROGEN OXIDE
		N.O. NORMALLY OPEN
		N.C. NORMALLY CLOSED
		O OXYGEN
		ORD OVERFLOW ROOF DRAIN
		ORL OVERFLOW RAINWATER LEADER
		PSI POUNDS PER SQUARE INCH
		RD ROOF DRAIN
		RO REVERSE OSMOSIS
		RWL RAINWATER LEADER
		SA SHOCK ARRESTOR
		SAN, S SANITARY
		SD STORM DRAIN
		ST STORM
		SS SERVICE SINK
		TD TRENCH DRAIN
		TW TEMPERED WATER
		TYP TYPICAL
		V VENT or VACUUM
		VB VACUUM BREAKER
		VTR VENT THRU ROOF
		WAGD WASTE ANESTHETIC GAS DISPOSAL
		WCO WALL CLEANOUT

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	SAN	VENT	HW	CW	REMARKS
P-103	WALL MOUNTED WATER CLOSET, WALL OUTLET	4"	2"	-	1 1/4"	ADA - ELONGATED BOWL, SIPHON JET, WALL OUTLET, MANUAL FLUSH VALVE, ANTI-MICROBIAL SURFACE, OPEN-FRONT HEAVY-DUTY SEAT LESS COVER, WATER CLOSET AND CARRIER RATED FOR 800 LBS. TOP OF SEAT @ 18" A.F.F., 1.28 GPF FLOW RATE, NOTE: 1, 2, 3.
P-408	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	WALL HUNG, VITREOUS CHINA, APPROXIMATELY 18"x15" WITH MAXIMUM 4" APRON, PROVIDE LAVATORY CARRIER AND FAUCET WITH GOOSE NECK SPOUT AND 4" WRIST BLADE TYPE HANDLES. PROVIDE WITH TV-1 MIXING VALVE SET @ 110°F (ADJUSTABLE) IN COMPLIANCE WITH ASSE 1070, 0.5 GPM FLOW RATE.
P-502	MOP RECEPTOR	3"	2"	3/4"	3/4"	FLOOR MOUNTED TERRAZZO MOP BASIN, CHROME PLATED CAST BRASS WALL MOUNTED SERVICE SINK FAUCET W/ VACUUM BREAKER, STAINLESS STEEL BACK SPLASH TWO SIDES TO 80" A.F.F.
P-708	EMERGENCY EYE & FACE WASH	2"	1 1/2"	1/2"	1/2"	WALL MOUNTED, STAINLESS STEEL RECEPTOR, HAND CONTROL, PROVIDE TV-2 MIXING VALVE SET @ 85 DEG. F, (TEPID), 3 GPM FLOW.

NOTES:
1. REFER TO ARCHITECTURE PLANS FOR MOUNTING HEIGHT OF FIXTURES AND EQUIPMENT.
2. COORDINATE FLUSH VALVE INSTALLATION WITH GRAB BAR, IF APPLICABLE.
3. BACK TO BACK TOILET WALL CARRIER BASIS OF DESIGN: ZURN Z1202-ND4-XB

THERMOSTATIC MIXING VALVE SCHEDULE

TAG	FLOW RATE (GPM)	AVG. TEMPERATURE (°F)	INLET SIZE	OUTLET SIZE	REMARKS
TV-1	0.25-4	110 (TEMPERED)	3/8"	3/8"	FOR LAVATORIES, AND SINKS - BASIS OF DESIGN, LEONARD 170-LF
TV-2	0.5-4	85 (TEPID)	3/8"	3/8"	FOR EYE & FACE WASHES - BASIS OF DESIGN, BRADLEY S19-2000

- ### GENERAL PLUMBING NOTES
- COORDINATE PLUMBING PIPING WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
 - SLOPE WATER PIPING FOR DRAINAGE WITH DRAIN VALVES INSTALLED AT LOW POINTS.
 - PROVIDE ACCESS PANELS AT CONCEALED VALVES, WATER HAMMER ARRESTORS AND OTHER DEVICES ABOVE HARD CEILINGS AND WALLS.
 - PROVIDE CLEANOUTS WITH TOPS DESIGNED FOR SPECIFIC FLOOR FINISHES SUCH AS CARPET, TILE, ETC. UNLESS NOTED OTHERWISE.
 - COORDINATE WALL AND FLOOR PENETRATIONS AND INSTALL SLEEVES IN FLOORS.
 - REFER TO EQUIPMENT DETAILS FOR VENT PIPING AND VALVING NOT INDICATED ON THE PLANS.
 - DO NOT SCALE DRAWINGS. REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOORS, WINDOWS, WALLS, ETC.
 - LOCATE VERTICAL SUPPLY, STORM DRAINS, SANITARY WASTE, AND VENT PIPING IN WALLS OR PARTITIONS, UNLESS NOTED OTHERWISE.
 - LOCATE SUPPLY PIPING ABOVE CEILING, UNLESS NOTED OTHERWISE.
 - EXTEND VENTS UP AND COLLECT VENTS ABOVE THE CEILING.
 - PROVIDE FOR ACCESS TO EQUIPMENT REQUIRING CLEANING, ADJUSTMENT OR MAINTENANCE.
 - COORDINATE ALL PHASES OF WORK AND INTERRUPTIONS IN SERVICE.
 - THESE ENGINEERING DRAWINGS ARE DIAGRAMMATIC. PROVIDE WORK AND MATERIAL FOR A COMPLETE INSTALLATION. MAKE PROPER HOT AND COLD WATER, WASTE, VENT, ETC., PIPING CONNECTION TO FIXTURES AND EQUIPMENT. PROVIDE PIPE ESCUTCHEONS, ELECTRIC UNIONS, CRIP PANS, PIPE LABELS, VALVE TAPS, ANCHORS, SUPPORT SEALS, SLEEVE SEALS, ISOLATION VALVES, CLEANOUTS, ETC. IN QUANTITIES FOR A COMPLETE SYSTEM. PROVIDE EQUIPMENT, PLUMBING FIXTURES, TRIM HARDWARE AND /OR DEVICES UTILIZED IN THIS CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THESE DRAWINGS, BUT ARE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK.
 - PROVIDE INSULATION ON NEW PIPING PER SPECIFICATIONS.
 - LOCATE PIPING STACKS AND RISERS OUTSIDE OF LOAD BEARING WALLS.
 - PIPING SHALL NOT BE ROUTED ABOVE IT ROOMS, ELECTRICAL ROOMS, ELECTRICAL EQUIPMENT, OR UNDERNEATH ELECTRICAL ROOMS.
 - PIPE HANGERS, BRACES AND RESTRAINTS SHALL ADEQUATELY SUPPORT THE SYSTEM HORIZONTALLY AND VERTICALLY AND SHALL ALLOW FOR MOVEMENT WITHOUT TRANSMITTING STRESS OR VIBRATION TO THE STRUCTURE. HANGERS ON INSULATED PIPING SHALL BE PROVIDED WITH AND SHALL BE SIZED TO ACCOMMODATE HANGER SHIELDS, HORIZONTAL SOIL, WASTE AND VENT PIPING HUNG FROM BUILDING CONSTRUCTION SHALL BE SUPPORTED AT NOT OVER 5 FEET NEXT TO FITTINGS. PROVIDE ADDITIONAL SUPPORT AT JOINT, CHANGES IN DIRECTION AND ELSEWHERE AS REQUIRED TO MAINTAIN PROPER ALIGNMENT.
 - CLEAN FIXTURES, ADJUST VALVES, AND LEAVE THE SYSTEM IN GOOD WORKING ORDER. REMOVE DEBRIS AND RUBBISH AND REPAIR ANY DAMAGE CAUSED BY THE WORK.
 - SEAL PENETRATIONS OF FIRE RATED WALLS USING UL LISTED PENETRATION MATERIALS.
 - PROVIDE SUPPORT DEVICES. ALL LOCATIONS SHOULD BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION. DO NOT USE THE SUPPORTS OF OTHER TRADES.
 - PRIOR TO CORE DRILLING FOR PIPE, FLOOR SINKS, FLOOR DRAINS AND FLOOR CLEANOUTS, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING STRUCTURAL ELEMENTS AND ADJUST THE LOCATION OF THE AFOREMENTIONED ITEMS TO AVOID ANY CONFLICTS WITH THE EXISTING STRUCTURE, FLOOR PENETRATIONS, FLOOR DRAIN, FLOOR CLEANOUTS AND FLOOR SINKS LOCATIONS SHALL BE ADJUSTED TO SUITE FIELD CONDITIONS.
 - ALL EXISTING DOMESTIC SUPPLY, SANITARY AND STORM PIPING SERVING THE THIRD FLOOR SHALL REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE TEMPORARY SERVICES, FOR THE THIRD FLOOR, DURING ALL PHASES OF CONSTRUCTION.
 - PRIOR TO THE START OF ANY DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND VIDEO SCOPE THE EXISTING UNDERGROUND SANITARY AND RAIN WATER PIPING WITHIN PROJECT SCOPE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS AND LICENSES FOR THE COMPLETE INSTALLATION OF THEIR WORK.

WATER HAMMER ARRESTOR SCHEDULE

SYMBOL	FIXTURE UNITS	MAX. FLUID TEMP.	CONNECTED PIPE SIZE	REMARKS
WHA-A	1 - 11	180°F	1/2"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED
WHA-B	12 - 32	180°F	3/4"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED
WHA-C	33 - 60	180°F	1"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED
WHA-D	61 - 113	180°F	1 1/4"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED
WHA-E	114 - 154	180°F	1 1/2"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED
WHA-F	155 - 330	180°F	2"	LOCATE IN ACCORDANCE WITH PDI WH 201 STANDARD/PROVIDE ACCESS DOORS AS REQUIRED

NOTES: PROVIDE WHA-B FOR TOILET ROOMS WITH FLUSH VALVE TOILETS.

DRAIN & CLEANOUT SCHEDULE

MARK	TYPE	DESCRIPTION	BASIS OF DESIGN	NOTES
FD* ^C	SHOWER & FLOOR DRAIN	SQUARE NICKEL BRONZE ADJUSTABLE 6" STRAINER WITH CAST IRON BODY	J.R. SMITH MODEL 2085Y-P-U	BY PIPE SIZE, NOTE 1
FCO	FLOOR	CAST IRON ADJUSTABLE FLOOR CLEANOUT WITH ROUND NICKEL BRONZE TOP	ZURN MODEL Z1474	BY PIPE SIZE
WCO	WALL	CAST IRON WALL CLEANOUT W/ CAST BRASS THREADED PLUG PROVIDE WITH STAINLESS STEEL WALL PLATE	ZURN MODEL Z1446	BY PIPE SIZE

NOTES: 1. PROVIDE WITH TRAP PRIMER VALVE EQUAL TO PPP MODEL NO. P1-500 AND VANDAL PROOF SCREWS.

PIPE LEGEND

NEW PIPE	EXISTING PIPE TO REMAIN	EXISTING PIPE TO BE REMOVED	PIPE DESCRIPTION
----	(E)CJW	(E)CJW	DOMESTIC COLD WATER
----	(E)HW	(E)HW	DOMESTIC HOT WATER
----	(E)HW	(E)HW	DOMESTIC HOT WATER RETURN
----	(E)SAN	(E)SAN	SANITARY WASTE
----	(E)V	(E)V	VENT
----	(E)RD	(E)RD	ROOF DRAIN
----	(E)ORD	(E)ORD	OVERFLOW ROOF DRAIN
----	(E)CA	(E)CA	COMPRESSED AIR
----	(E)O	(E)O	OXYGEN
----	(E)MA	(E)MA	MEDICAL AIR
----	(E)MV	(E)MV	MEDICAL VACUUM

RECIRCULATING PUMP SCHEDULE

MARK	TYPE	(GPM)	HEAD (FEET)	HP	WATTS	VOLTAGE	PHASE	BASIS OF DESIGN	REMARKS
DCWRP-1	COLD WATER RECIRCULATOR	1.5	15	1/6	70	120	1	BELL AND GOSSETT CIRCULATOR ECOCIRO*20-18	1 - 7


NOTES:
1. PROVIDE WITH 1" FLANGE KIT AND AQUASTAT. PUMP MOTOR TO HAVE INTEGRAL THERMAL OVERLOAD.
2. PROVIDE WITH HARD WIRED KIT.
3. DISCONNECT TO BE PROVIDED BY DIVISION 26.
4. PUMP SHALL BE POWERED FROM EMERGENCY POWER.
5. LEAD FREE CONSTRUCTION.
6. PROVIDE WITH HARD WIRE CONNECTION.
7. MULTISPEED PUMP. SET TO CONSTANT PRESSURE MAXIMUM HEAD PRESSURE SETTING.

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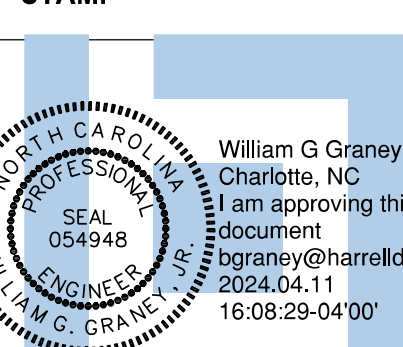
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DRAWING TITLE

GENERAL NOTES, LEGENDS, & SCHEDULES

APPROVED

PHASE

CONSTRUCTION DOCUMENTS SUBMISSION

FULLY SPRINKLERED

PROJECT TITLE

RENOVATE SPACE FOR LOGISTICS (B-1)

LOCATION
FAYETTEVILLE VA MEDICAL CENTER

ISSUE DATE
11 APRIL 2024

CHECKED
WGG

DRAWN
DM

PROJECT NUMBER
564-24-104

BUILDING NUMBER
1

DRAWING NUMBER
PL001-A

Engineering Service



**VETERANS HEALTH CARE SYSTEM
OF THE OZARKS**

VA U.S. Department of Veterans Affairs

GENERAL NOTES

- A. COORDINATE PROJECT PHASING AND WORK AREA WITH GC120 SERIES DRAWINGS AND SPECIFICATIONS.
- B. DEMOLISH ALL FIXTURES IN PROJECT AREA.
- C. COORDINATE WITH THE C.O.R. AND TURN OVER ALL FIXTURES, VALVES, OR OTHER DEVICES THAT THE GOVERNMENT TAGS AS SALVAGE OR DIRECTS THE CONTRACTOR TO SALVAGE.
- D. UTILITY SERVICES MUST BE MAINTAINED TO THE FLOOR ABOVE. ANY DISRUPTION IN SERVICES SHALL BE COORDINATED WITH THE C.O.R. TWO WEEKS BEFORE THE DISRUPTION. SERVICES SHALL NOT BE OUT FOR MORE THAN 8 HOURS OR AS ALLOWED BY THE C.O.R.
- E. SEE P101 FOR ADDITIONAL GENERAL NOTES.

SHEET KEYNOTES

1. EXISTING VENT AND SUPPLY PIPING UP TO FLOOR ABOVE TO REMAIN.
2. EXISTING SUPPLY PIPING FROM FLOOR BELOW TO REMAIN.
3. EXISTING PIPING BEYOND PROJECT SCOPE. FIELD VERIFY CONTINUATION.
4. CAP EXISTING MEDICAL GAS PIPING. TYPICAL.
5. EXISTING STORM PIPING SHALL REMAIN FULLY FUNCTIONAL DURING CONSTRUCTION. PROVIDE TEMPORARY PIPING TO ENSURE PIPING SYSTEM IS FULLY FUNCTIONAL.
6. DEMOLISH EXISTING MEDICAL GAS OUTLETS.
7. VENT PIPING UP TO FLOOR ABOVE.
8. EXISTING AND SUPPLY PIPING UP TO FLOOR ABOVE SHALL REMAIN IN SERVICE. TYPICAL OF ALL INSTANCES.
9. EXISTING MEDICAL GAS PIPING AND OUTLETS SHALL REMAIN IN SERVICE.
10. DISCONNECT EXISTING STORM PIPING IN CEILING SPACE OF THE BASEMENT LEVEL.
11. DEMOLISH EXISTING DRAIN PIPE FROM POINT INDICATED TO ITS TERMINATION AT FLOOR DRAIN.

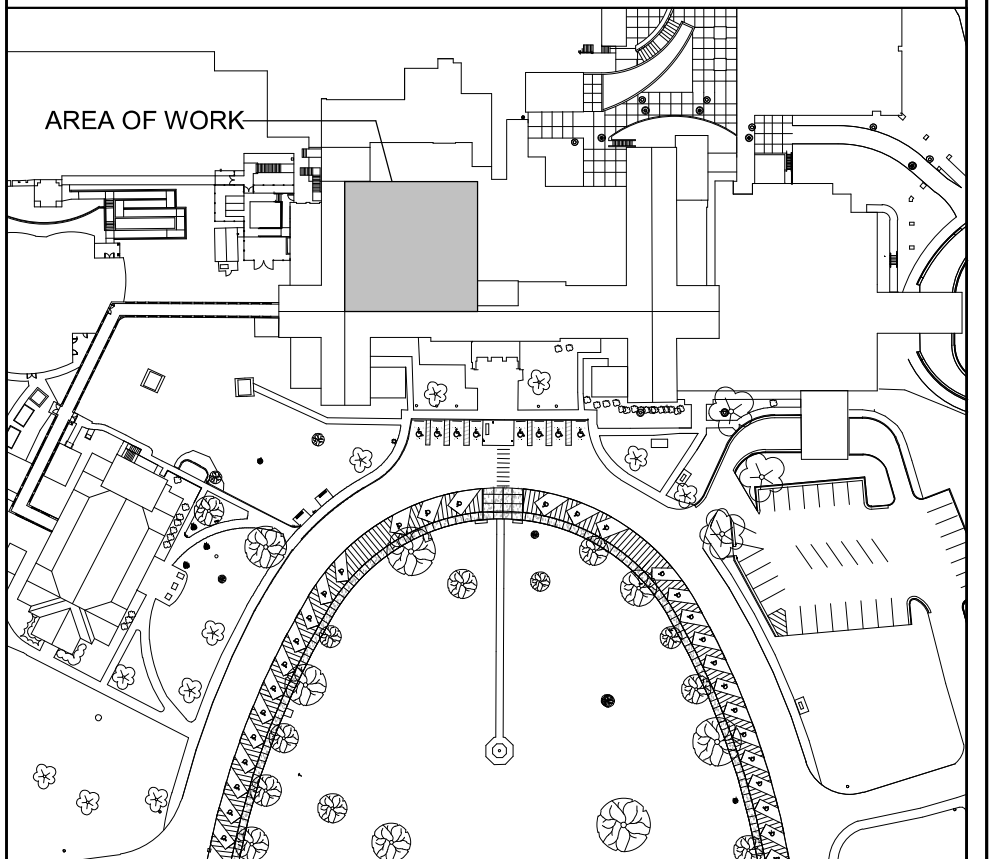
PARTITION LEGEND

- EXISTING PARTITION / BARRIER - WALL TO REMAIN
- EXISTING PARTITION / BARRIER - WALL TO BE REMOVED
- NEW PARTITION / BARRIER - WALL

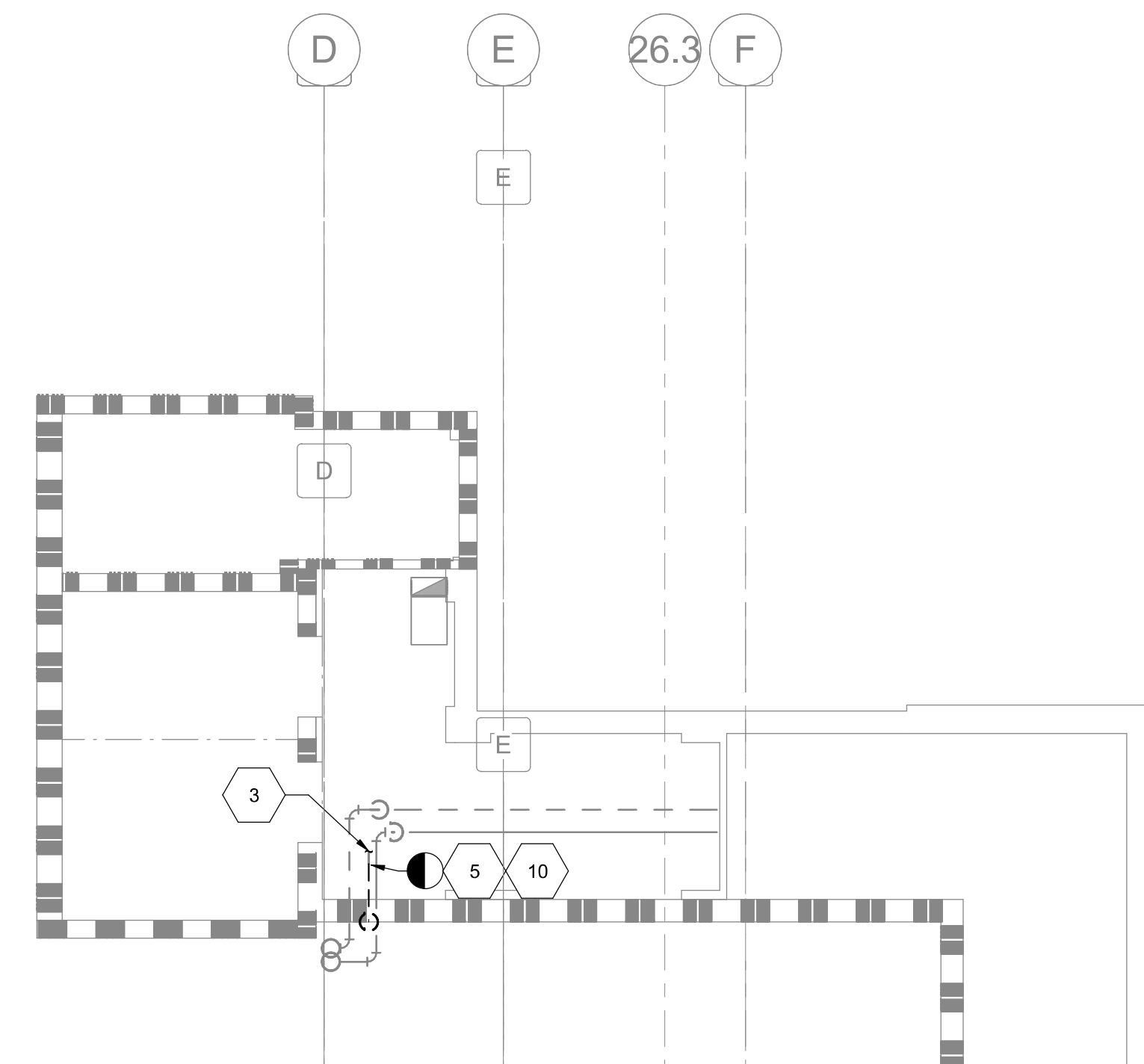
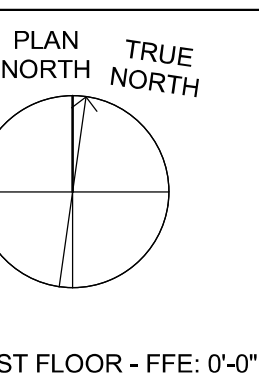
PARTITION GRAPHICS

- NO RATING
- SMOKE RESISTIVE PARTITION - NON RATED
- 1 HOUR FIRE BARRIER
- 1 HOUR FIRE/SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR FIRE/ SMOKE BARRIER

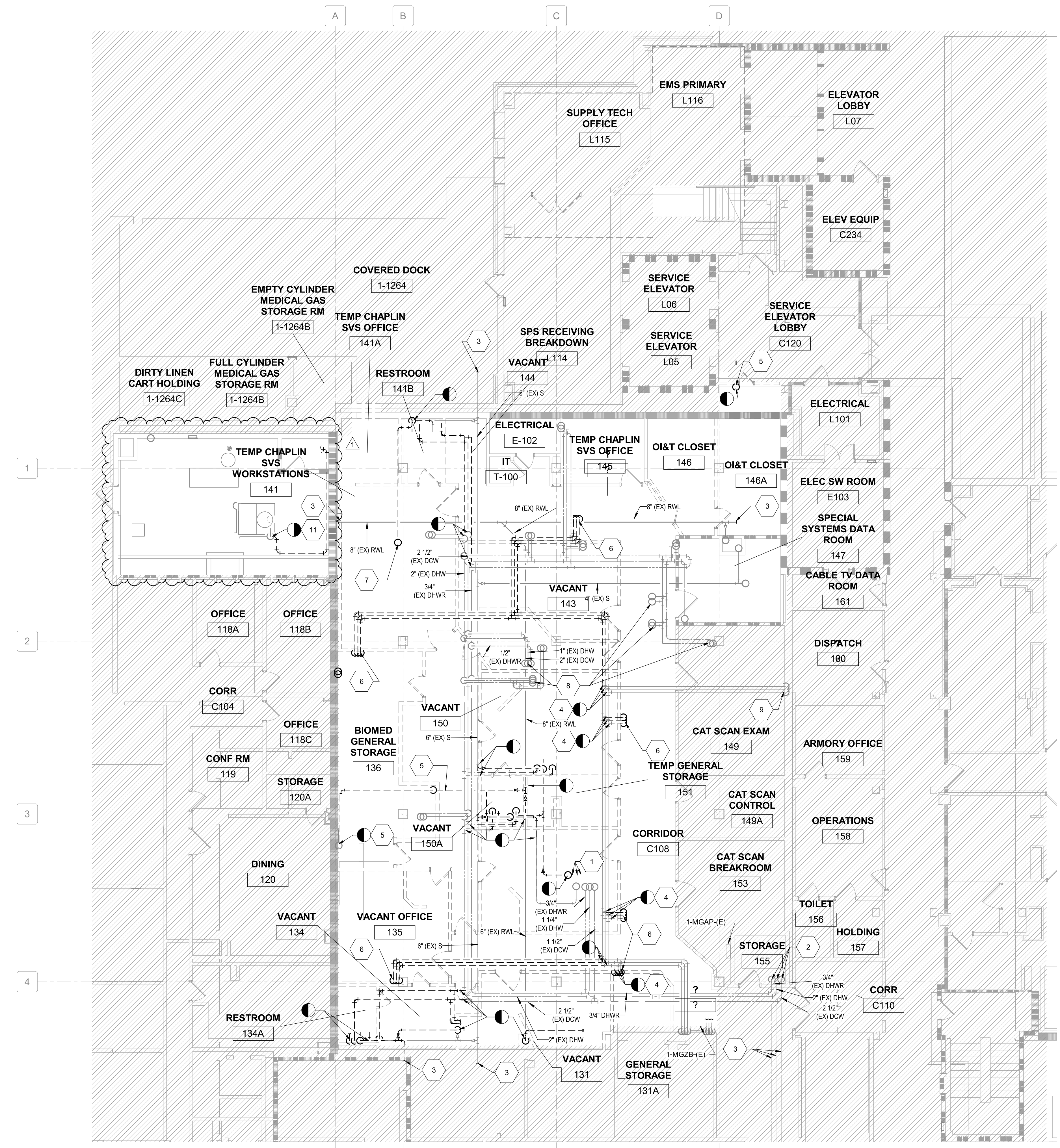
KEY PLAN



NORTH LEGEND



C2 BASEMENT STORM DEMOLITION PLAN
1/8" = 1'-0"



E5 FIRST FLOOR PLUMBING DEMOLITION PLAN
1/8" = 1'-0"

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FIRST FLOOR PLUMBING DEMOLITION PLAN

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PROJECT TITLE
RENOVATE SPACE FOR LOGISTICS (B-1)

LOCATION
FAYETTEVILLE VA MEDICAL CENTER

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PD101-A

Engineering Service

U.S. Department of Veterans Affairs

GENERAL NOTES

- A. REFER TO SHEET PL001 FOR LEGEND, ABBREVIATIONS, SCHEDULES AND GENERAL NOTES.
- B. UTILITY SERVICES MUST BE MAINTAINED TO THE FLOOR ABOVE. ANY DISRUPTION IN SERVICES SHALL BE COORDINATED WITH THE C.O.R. TWO WEEKS BEFORE THE DISRUPTION. SERVICES SHALL NOT BE OUT FOR MORE THAN 8 HOURS OR AS ALLOWED BY THE C.O.R.
- C. ALL WORK ON THE FLOORS BELOW SHALL BE DONE ON NIGHTS OR WEEK ENDS UNLESS OTHERWISE PERMITTED BY C.O.R.

SHEET KEYNOTES

- 1. NEW SUPPLY PIPING FOR FUTURE USE ON FLOOR ABOVE. CAP ENDS.
- 2. ALL EXISTING DOMESTIC WATER CONNECTIONS SERVING FLOOR ABOVE SHALL REMAIN UNDISTURBED AND IN SERVICE. TYPICAL OF ALL INSTANCES.
- 3. ALL WORK IN CORRIDOR L109 MUST BE PERFORMED AFTER HOURS AND MUST BE PATIENT ACCESSIBLE DURING FACILITY OPERATION HOURS. SEE SHEET AE111-A FOR MORE INFORMATION.

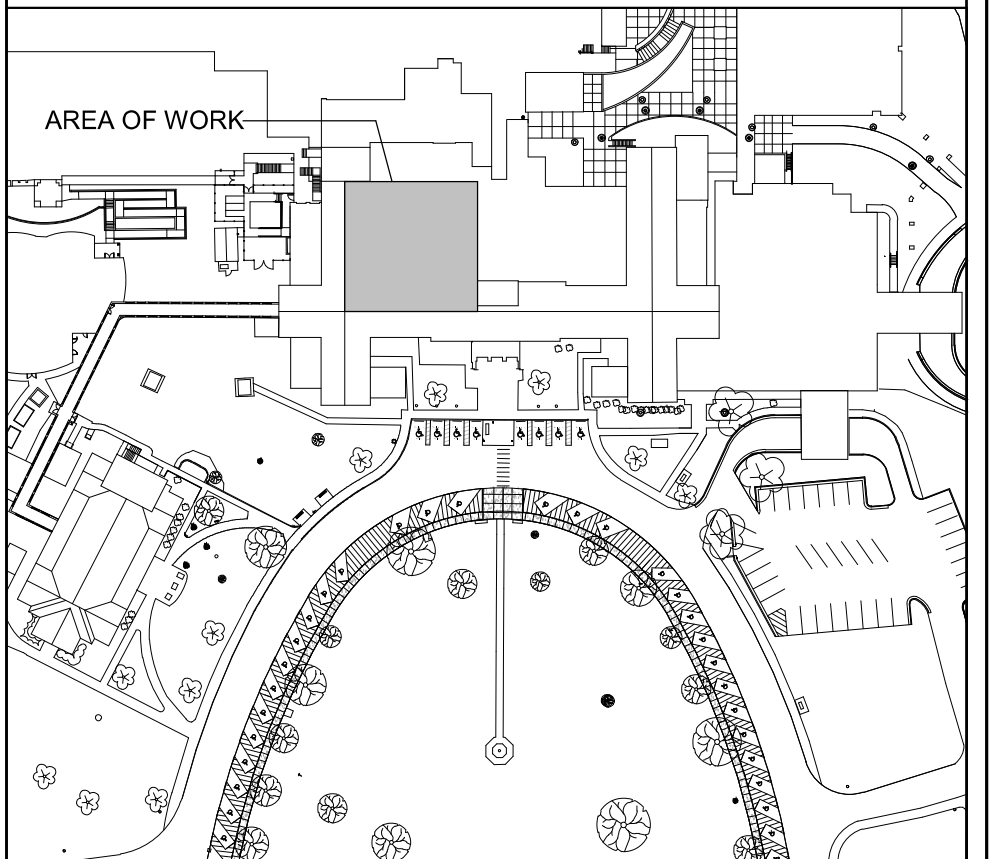
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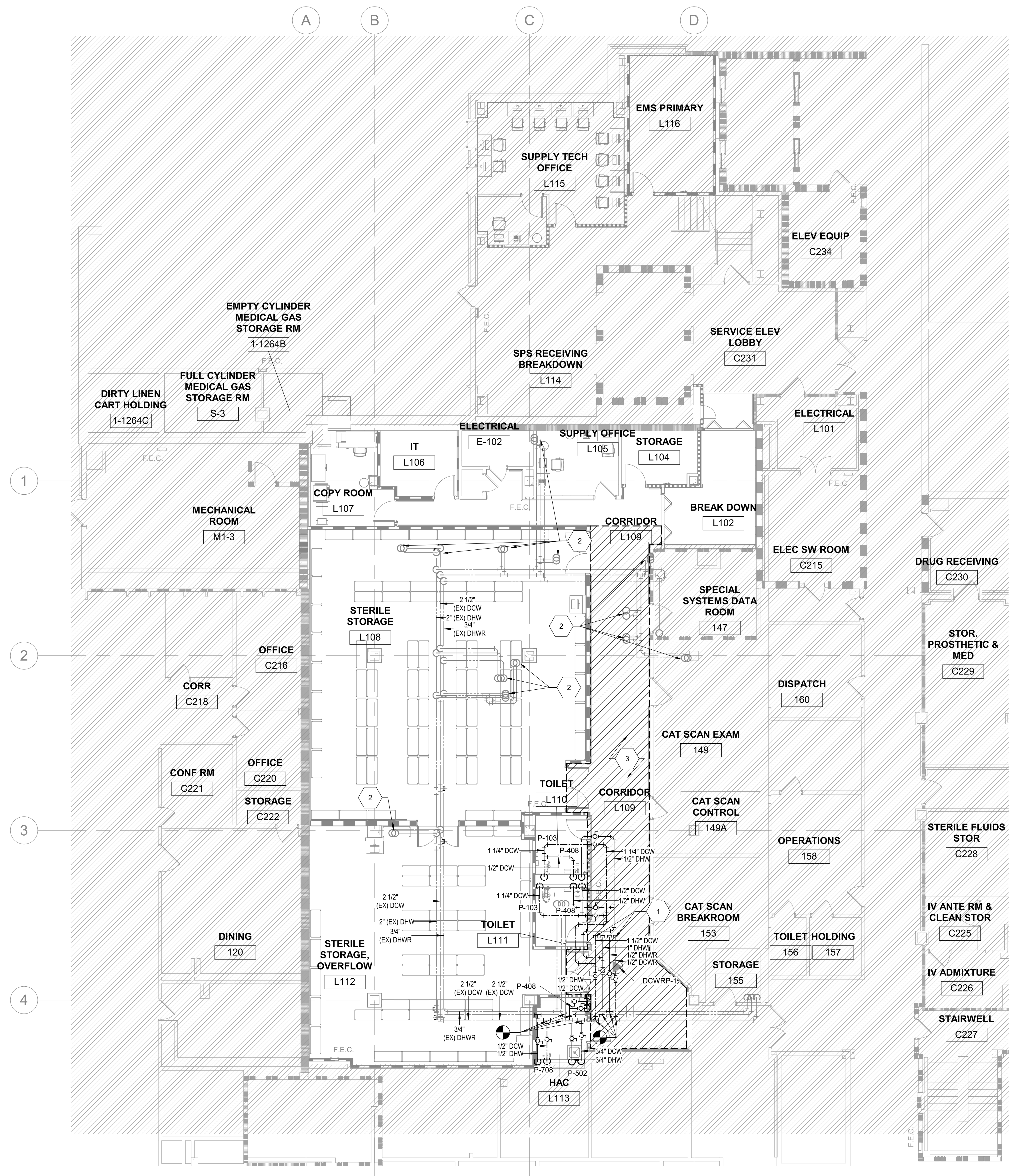
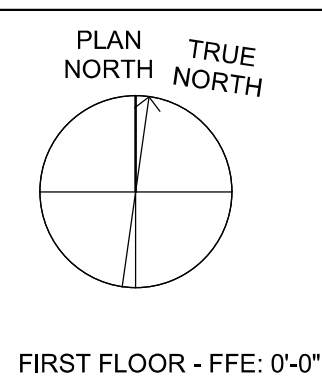
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- 2 HOUR FIRE/SMOKE BARRIER

KEY PLAN



NORTH LEGEND



E4 FIRST FLOOR DOMESTIC WATER PLAN
1/8" = 1'-0"

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FIRST FLOOR DOMESTIC WATER PLANS

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PROJECT TITLE
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- C. ALL WORK ON THE FLOOR SHALL BE DONE ON NIGHTS OR WEEK ENDS UNLESS OTHERWISE PERMITTED BY C.O.R.

SHEET KEYNOTES

1. 4" SANITARY FROM FLOOR ABOVE.
2. 3" VENT PIPE TO FLOOR ABOVE.
3. FUTURE 4" STORM PIPE. CAP PIPE ABOVE CEILING.
4. EXISTING 6" STORM PIPING FROM FLOOR ABOVE.
5. REVISE EXISTING PIPE ROUTING ON FLOOR BELOW TO ACCOMMODATE NEW STORM PIPE PENETRATION.
6. ALL WORK IN CORRIDOR L108 MUST BE PERFORMED AFTER HOURS AND MUST BE PATIENT ACCESSIBLE DURING FACILITY OPERATION HOURS. SEE SHEET AE111-A FOR MORE INFORMATION.
7. FUTURE LOCATION FOR SUMP PUMP CONNECTION.
8. EXISTING 4" SANITARY PIPE FROM FLOOR ABOVE ROUTED WITHIN THE CEILING SPACE OF THE FIRST FLOOR.
9. EXISTING 6" STORM PIPE FROM FLOOR ABOVE ROUTED WITHIN THE CEILING SPACE OF THE FIRST FLOOR.
10. FUTURE 4" WASTE PIPE. CAP PIPE ABOVE CEILING.
11. INSTALL NEW CLEANOUT ON EXISTING SANITARY AND STORM PIPING.
12. CONNECT NEW DRAIN PIPE TO EXISTING PIPE AND ROUTE TO FLOOR DRAIN AS SHOWN.

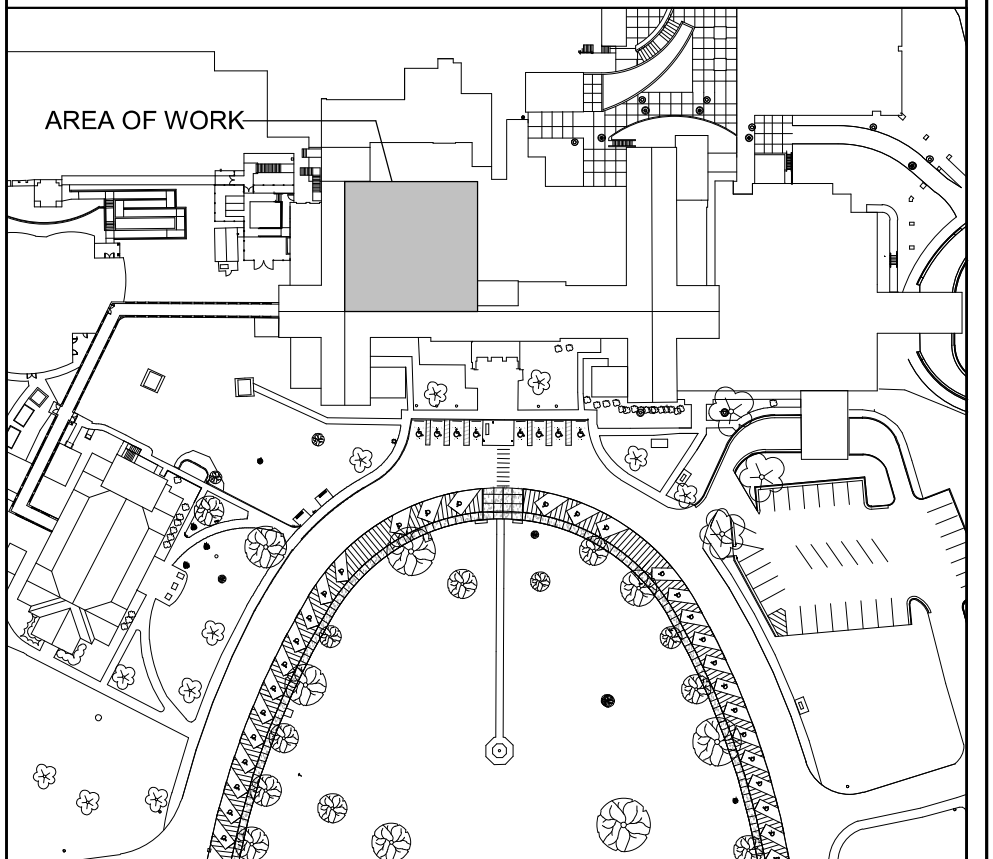
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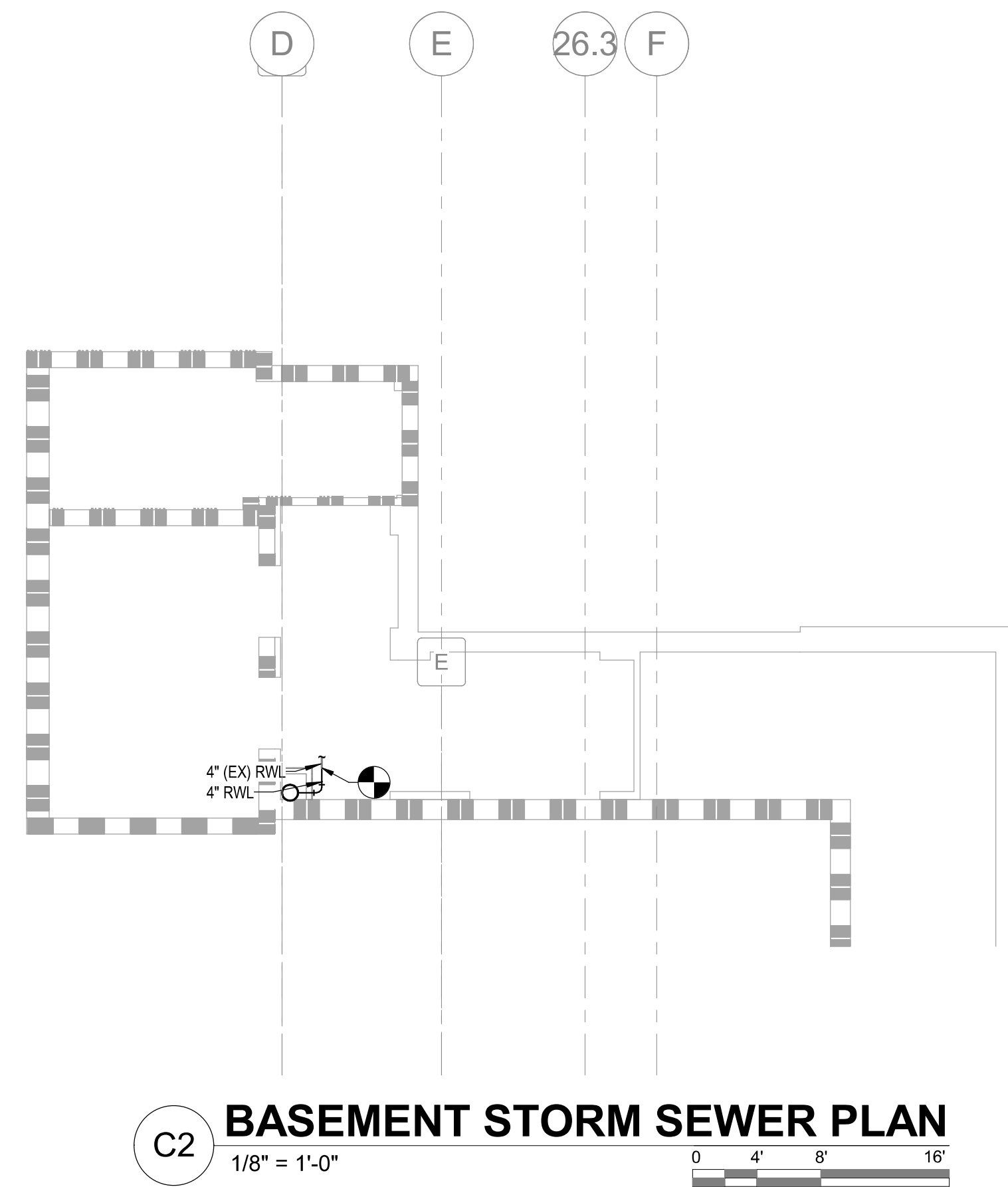
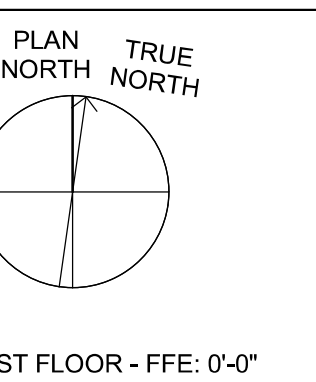
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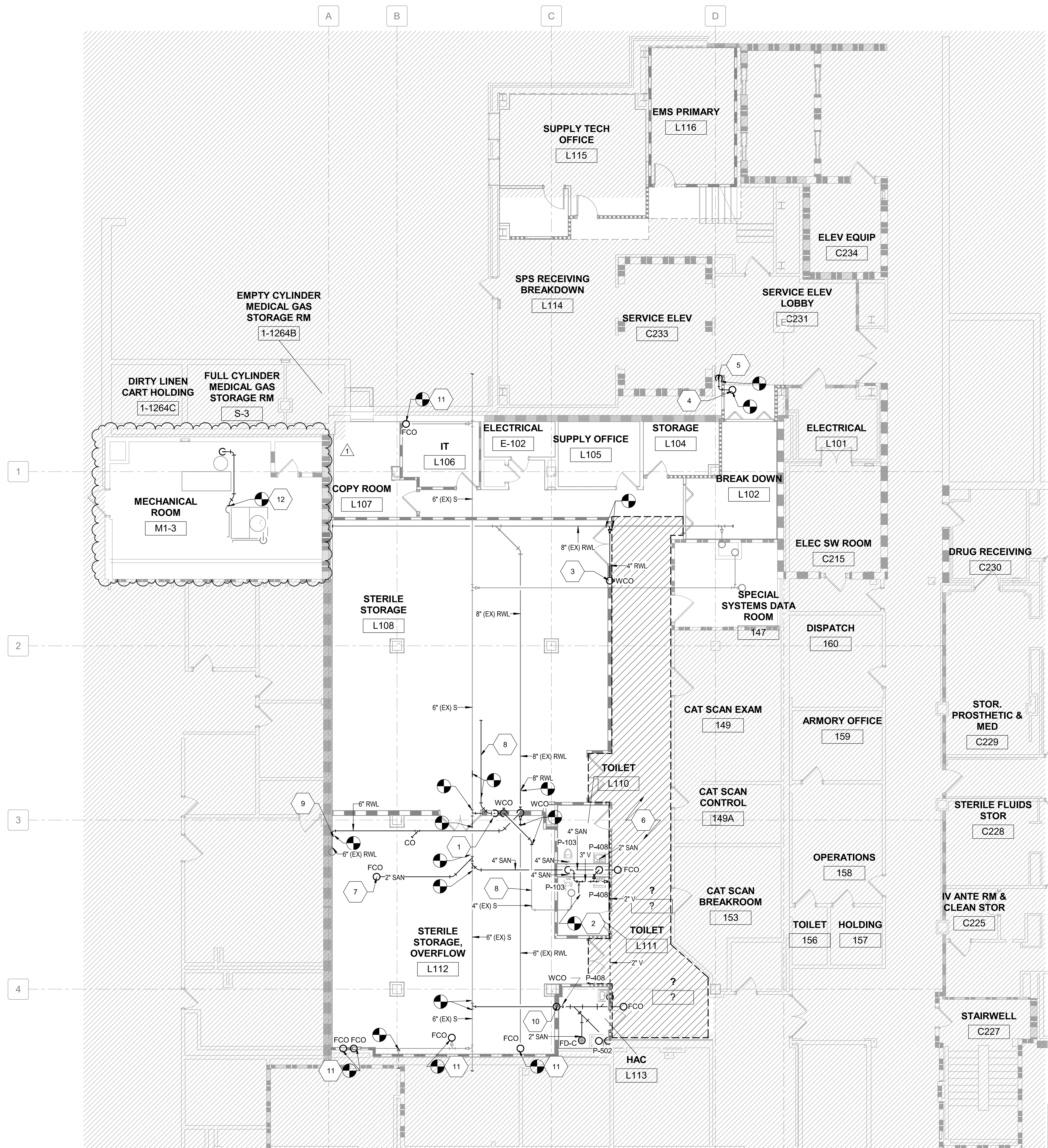
KEY PLAN



NORTH LEGEND



C2 BASEMENT STORM SEWER PLAN
1/8" = 1'-0"



F4 FIRST FLOOR SANITARY SEWER PLAN
1/8" = 1'-0"

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1	AMENDMENT 02	07/11/2024

CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS

ARCHITECT/ENGINEER OF RECORD

A/E:
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POC: LEE HARRELL PE, LEED AP, QCCP
PRESIDENT
HDG PROJECT: 19022

MP

William G. Graney Jr.
Charlotte, NC
I am approving this document
8/29/24 4:11:11
154329-0430

DRAWING TITLE
FIRST FLOOR SANITARY SEWER PLAN

PHASE
CONSTRUCTION DOCUMENTS SUBMISSION

APPROVED

FULLY SPRINKLERED

PROJECT TITLE
RENOVATE SPACE FOR LOGISTICS (B-1)

LOCATION
FAYETTEVILLE VA MEDICAL CENTER

ISSUE DATE
11 APRIL 2024

CHECKED
WGG

DRAWN
DM

PROJECT NUMBER
564-24-104

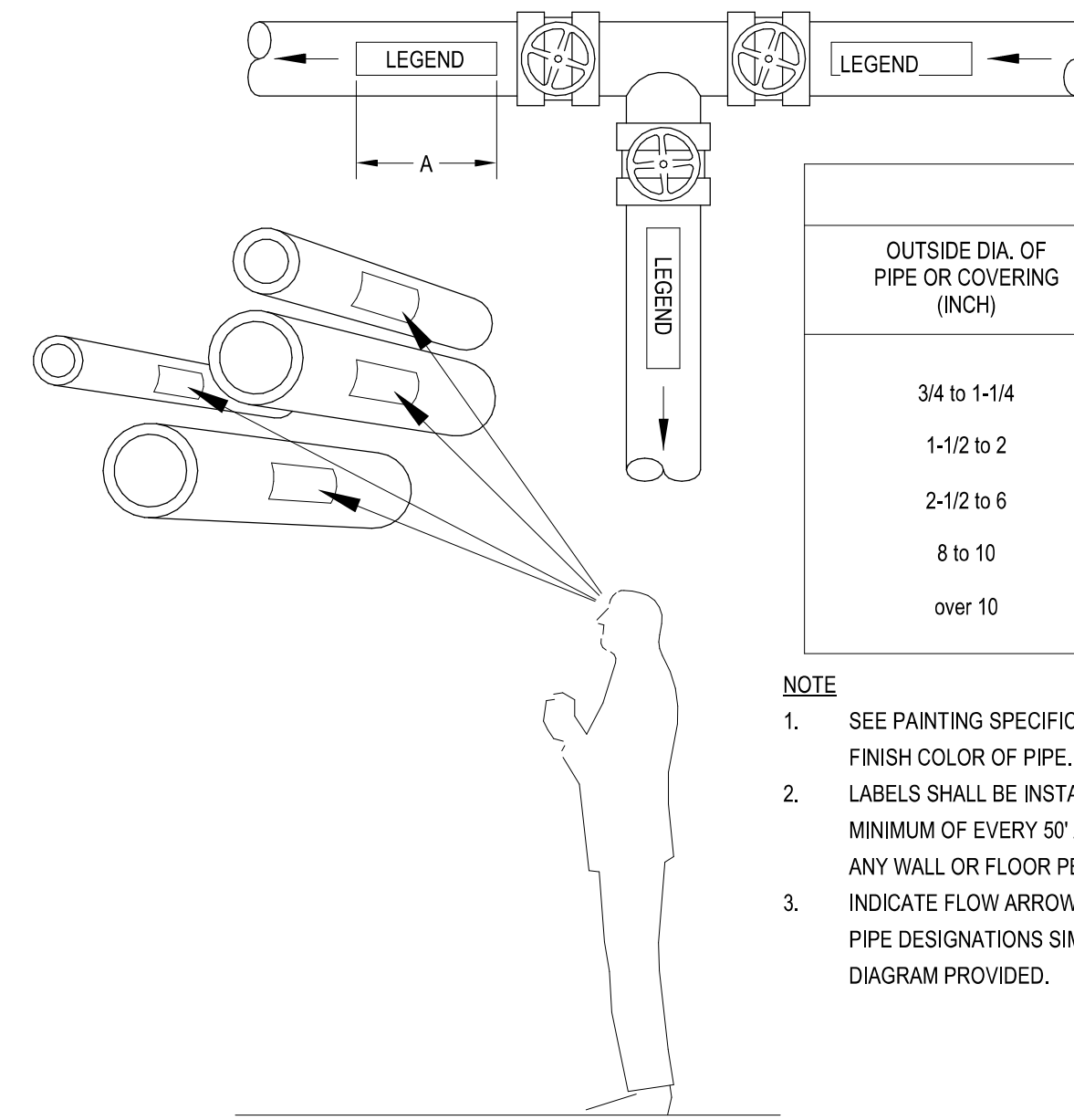
BUILDING NUMBER
1

DRAWING NUMBER
PL201-A

Engineering Service

VETERANS HEALTH CARE SYSTEM OF THE OZARKS

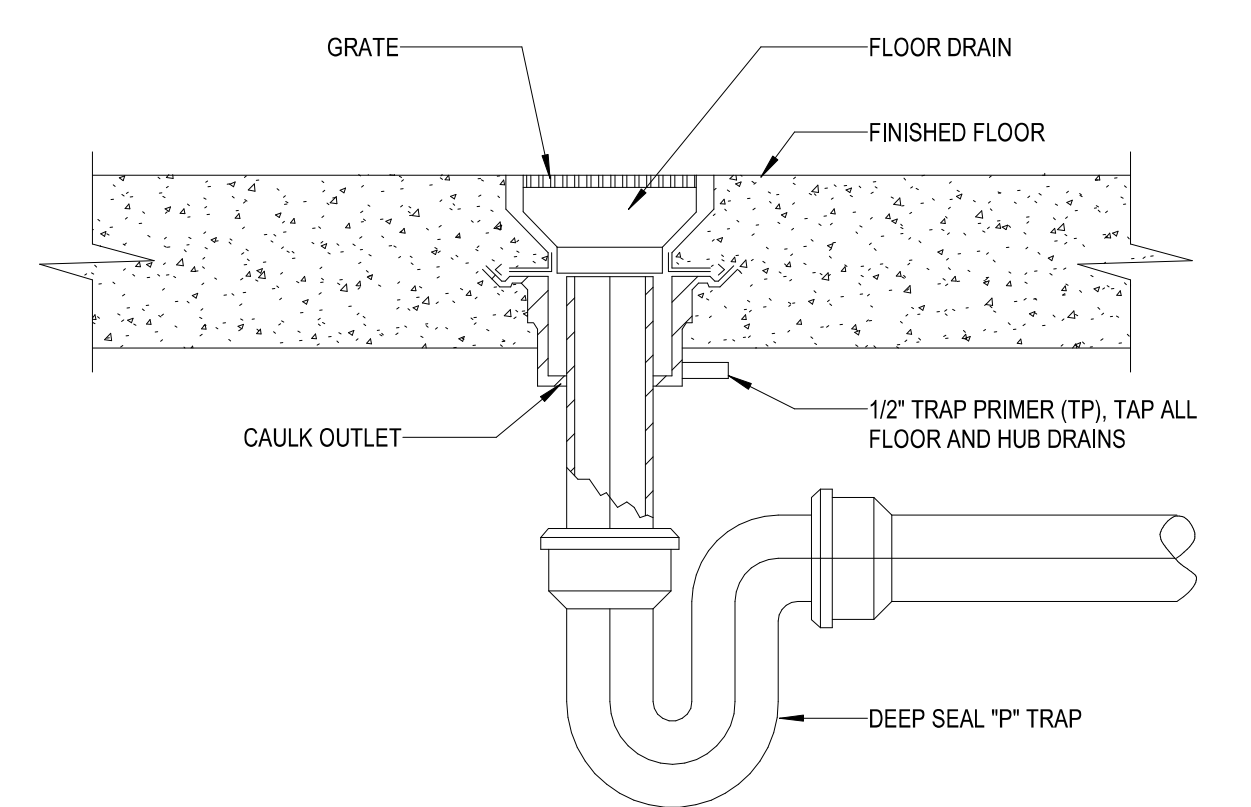
U.S. Department of Veterans Affairs



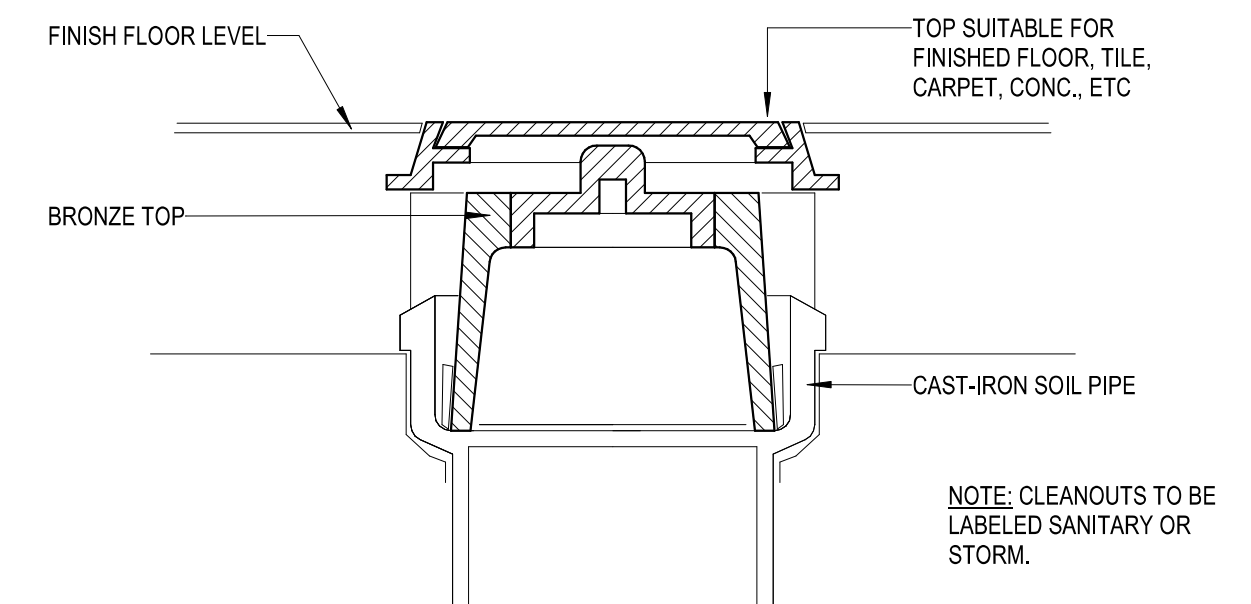
SIZE OF LEGEND LETTERS		
OUTSIDE DIA. OF PIPE OR COVERING (INCH)	LENGTH OF COLOR FIELD (A) (INCH)	LETTER HEIGHT (B) (INCH)
3/4 to 1-1/4	8	1/2
1-1/2 to 2	8	3/4
2-1/2 to 6	12	1-1/4
8 to 10	24	2-1/2
over 10	32	3-1/2

- NOTE**
- SEE PAINTING SPECIFICATION FOR FINISH COLOR OF PIPE.
 - LABELS SHALL BE INSTALLED AT A MINIMUM OF EVERY 50' AND AT ANY WALL OR FLOOR PENETRATION.
 - INDICATE FLOW ARROWS AT EACH PIPE DESIGNATIONS SIMILAR TO DIAGRAM PROVIDED.

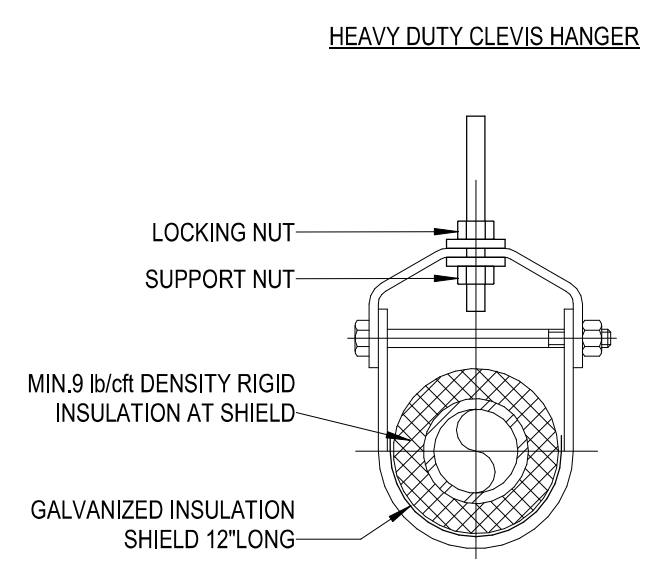
B7 PIPING SYSTEM IDENTIFICATION
NOT TO SCALE



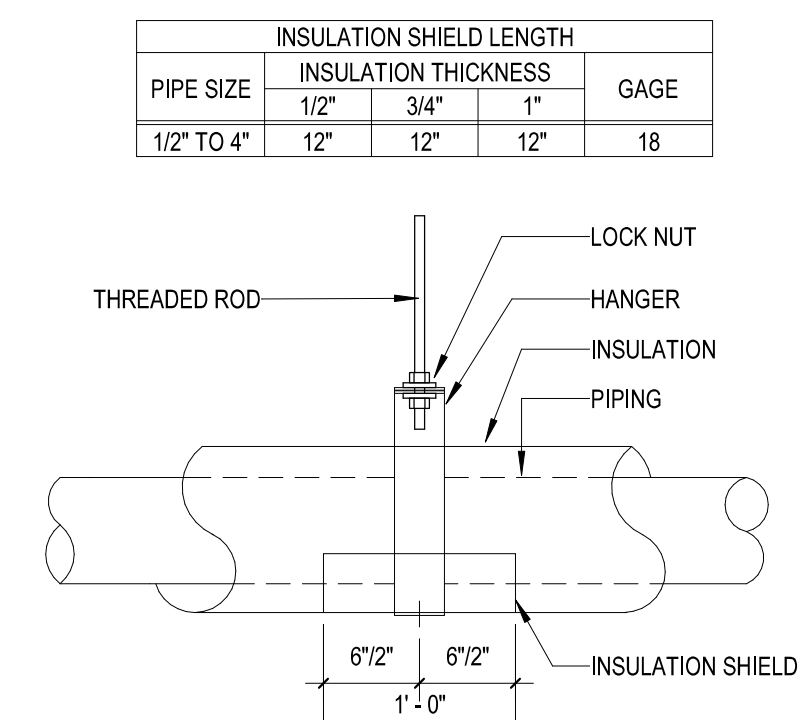
B8 TYPICAL FLOOR DRAIN DETAIL
NOT TO SCALE



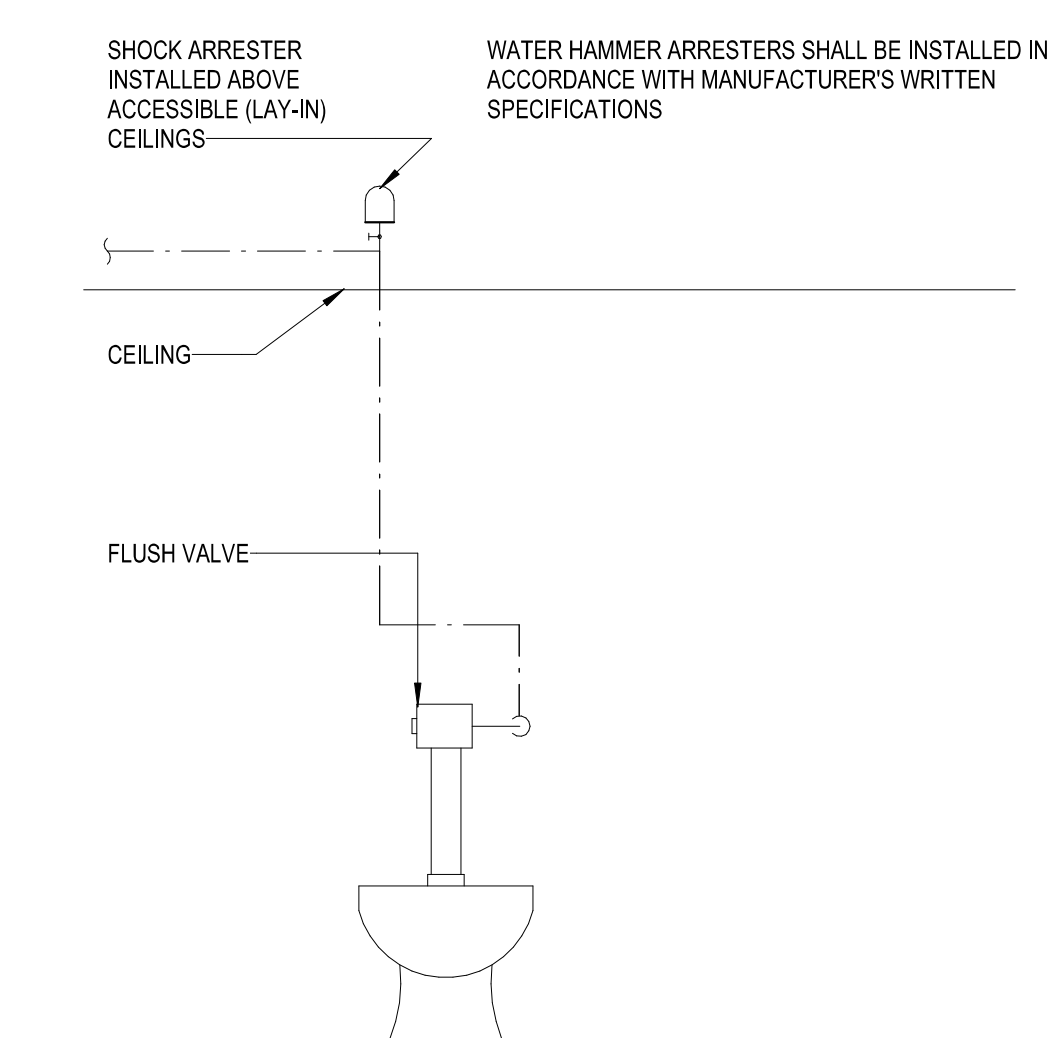
C8 CLEAN OUT DETAIL
NOT TO SCALE



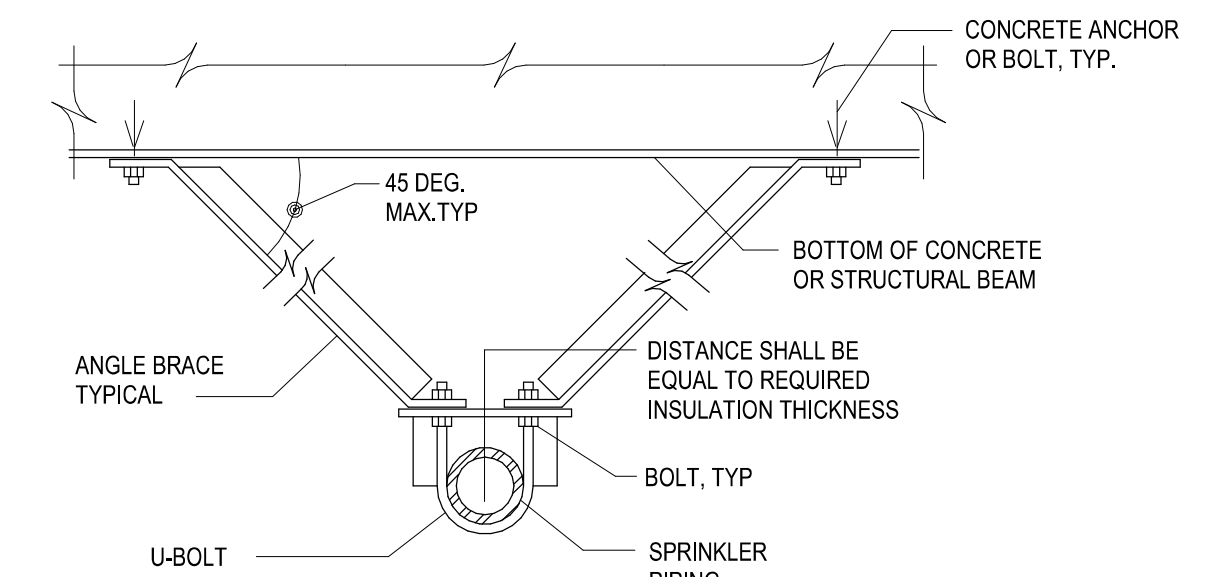
D2 PIPE HANGER SUPPORT DETAIL
NOT TO SCALE



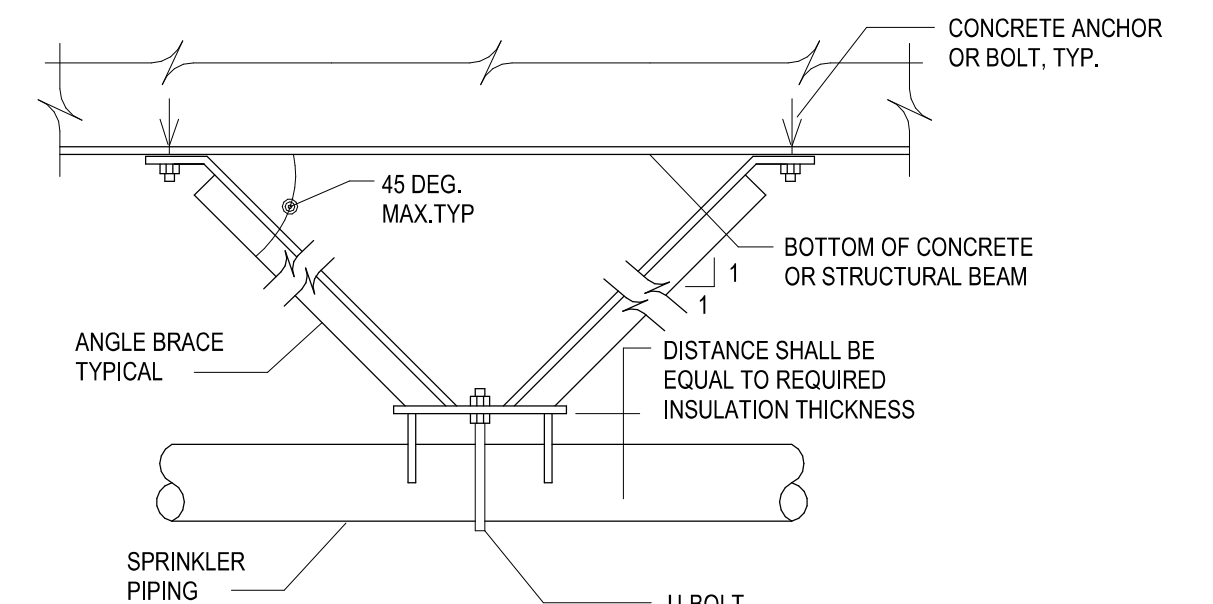
D4 INSULATION SHIELD DETAIL
NOT TO SCALE



D7 WATER HAMMER ARRESTOR
NOT TO SCALE



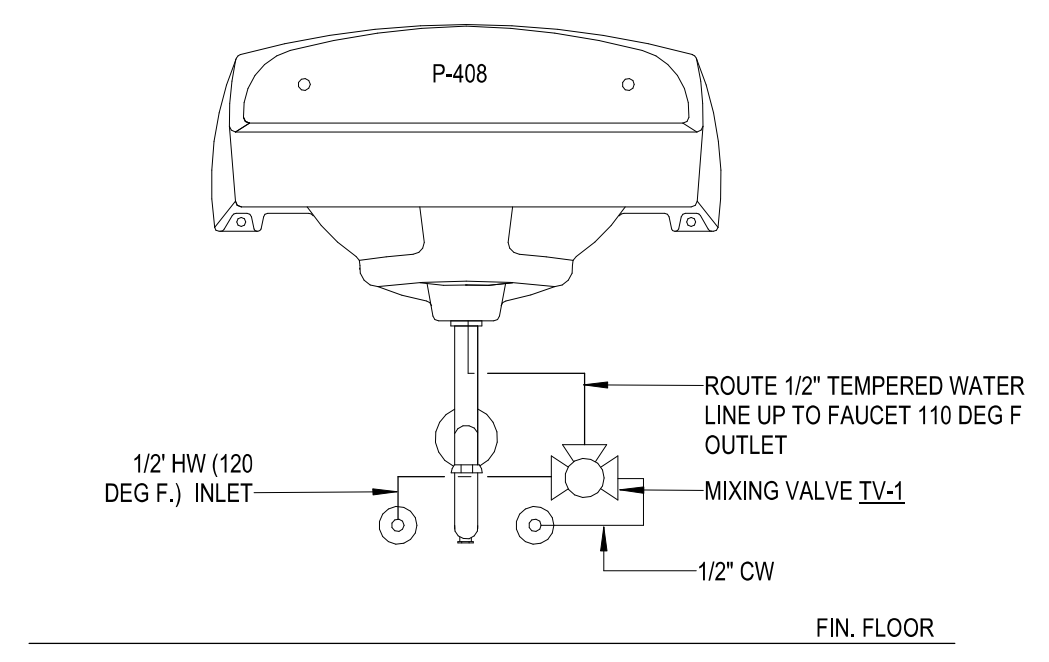
TRANSVERSE BRACE DETAIL



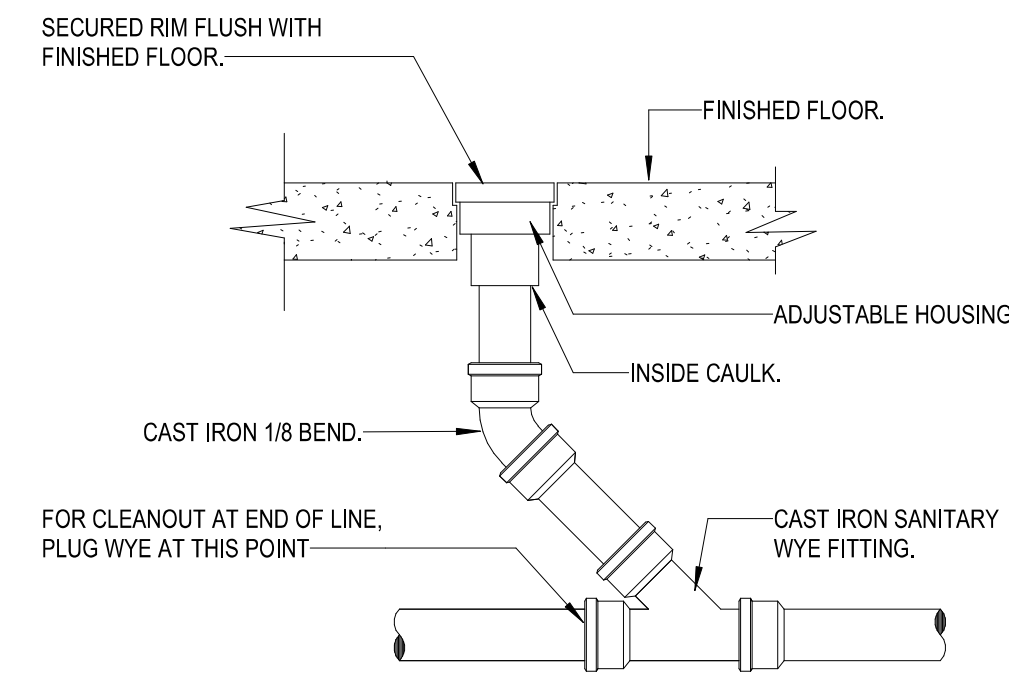
LONGITUDINAL BRACE DETAIL

- NOTES**
- DETAILS SHOWN ARE FOR PIPE BRACING. OTHER EQUIPMENT BRACING SHALL BE SIMILAR.
 - PL. SIZES SHALL BE COORDINATED WITH PIPING, AND EQUIPMENT ACTUAL SIZES.
 - BRACE SIZES, SPACINGS, LOCATIONS, AND ATTACHMENTS SHALL BE AS SPECIFIED. BRACES SHALL BE FULLY COORDINATED WITH STRUCTURAL FRAMING AND WITH ALL OTHER BUILDING MATERIALS AND SERVICES.
 - TRANSVERSE AND LONGITUDINAL BRACES MAY BE COMBINED WHERE REQUIRED TO RESIST MOTIONS IN BOTH DIRECTIONS AT THE SAME TIME.
 - PIPING CLAMPS MAY BE UTILIZED IN LIEU OF WELDING AT BLACK STEEL OR OTHER PIPING MATERIALS.

F8 SEISMIC BRACING DETAIL
NOT TO SCALE



F4 MIXING VALVE FOR LAVATORIES
NOT TO SCALE



F7 FLOOR CLEANOUT DETAIL
NOT TO SCALE

4/11/2024 2:58:02 PM
BIM 360/19022 - Fayetteville VA Medical Center - Project No. 964-19-003 Renovation of SPS/19022 - PLUMB - R2020.rvt

Revision Number	Revisions:	Date:

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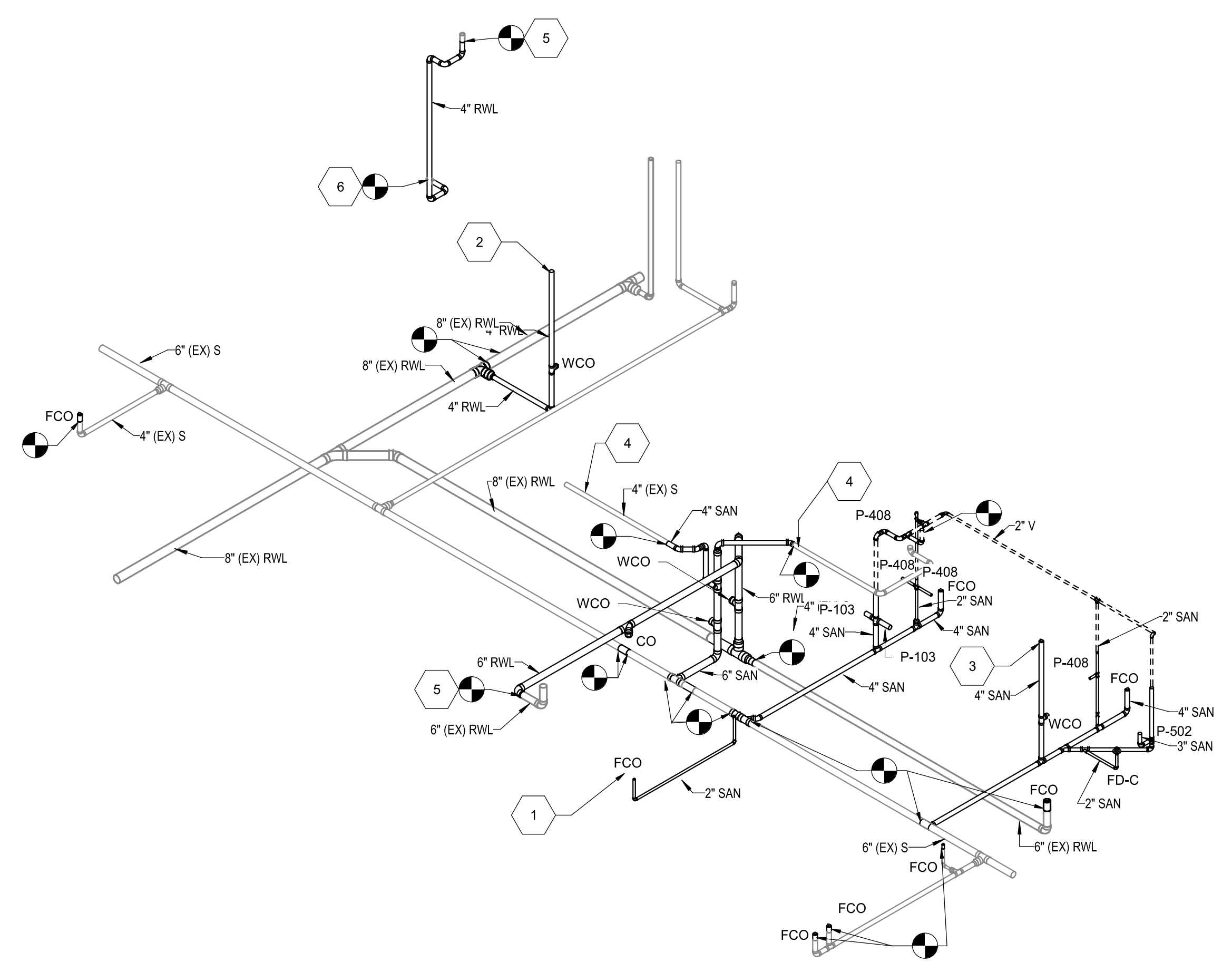
DRAWING NUMBER
PL501-A

Engineering Service

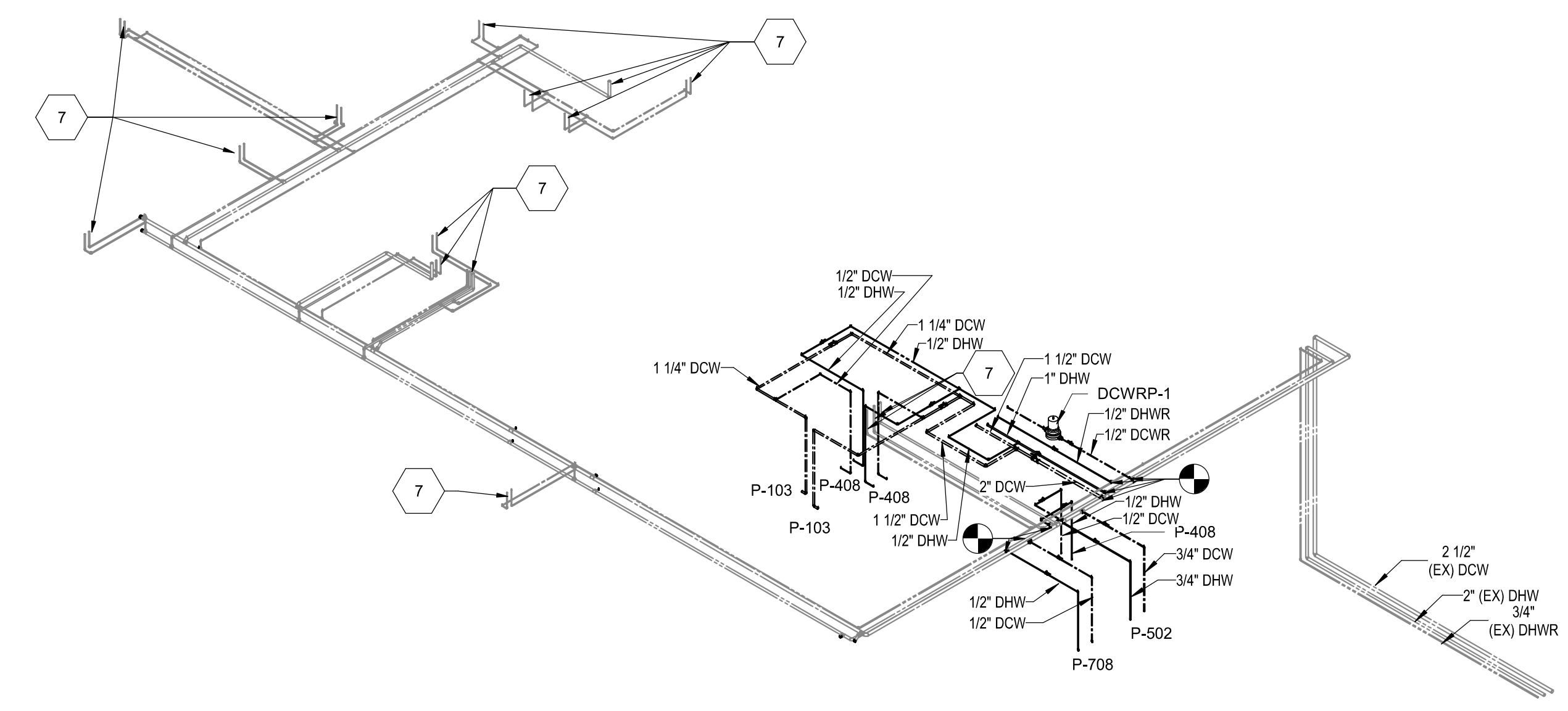
VA U.S. Department of Veterans Affairs

SHEET KEYNOTES

1. 2" SANITARY PIPE FOR FUTURE SUMP PUMP.
2. ROUTE 4" STORM PIPE UP TO CEILING SPACE AND CAP FOR FUTURE USE.
3. ROUTE 4" SANITARY PIPE UP TO CEILING SPACE AND CAP FOR FUTURE USE.
4. EXISTING SANITARY PIPING WITHIN CEILING SPACE.
5. EXISTING STORM PIPING WITHIN CEILING SPACE.
6. EXISTING STORM PIPING WITHIN CEILING SPACE OF BASEMENT.
7. EXISTING DOMESTIC SUPPLY PIPING SERVING FLOOR ABOVE. SHALL REMAIN UNDISTURBED AND IN SERVICE. TYPICAL OF ALL INSTANCES.



E3 WASTE AND VENT ISOMETRIC



E7 DOMESTIC SUPPLY ISOMETRIC

BIM 360://19022 - Fayetteville IDIC Project No. 664-19-003 Renovation of SPS/19022 - PLUMB - R2024.rvt
 4/11/2024 2:58:03 PM
 VA FORM 08 - 6231

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Engineering Service

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