



REVISIONS	
NUMBER	DATE / DESCRIPTION
2	06/29/23 Addendum 2

GENERAL NOTES:

- PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS. REFER TO SPECIFICATIONS.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- PROVIDE TO THE ARCHITECT A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS. REFER TO SPECIFICATIONS.
- INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND ALSO MEET ALL REQUIREMENTS OF THE LANDLORD. OBTAIN A COPY OF THE LANDLORD'S REQUIREMENTS AND REVIEW PRIOR TO SUBMITTING BID.
- PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PIPING INSTALLATION.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE.
- VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- INSTALL EXPOSED PIPING, WHERE NECESSARY, IN FINISHED AREAS TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. INSTALL PIPING PARALLEL AND/OR PERPENDICULAR TO WALLS.
- INSTALL VALVES AND APPURTENANCES A MAXIMUM OF 24" ABOVE CEILING IN ACCESSIBLE LOCATION WITHIN 24" OF ACCESS DOORS OR ACCESSIBLE CEILING TILES. PROVIDE PIPE AND FITTINGS TO INSTALL VALVES AND APPURTENANCES AT REQUIRED HEIGHT AND WITHIN 24" OF ACCESS DOORS OR ACCESSIBLE CEILING TILES.
- INSTALL NO PLASTIC PIPE OF ANY KIND ABOVE SLAB OR INSIDE THE BUILDING. INSTALL NO PLASTIC PIPE IN THE CEILING RETURN AIR PLENUM.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PILES, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTINGS, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- PROVIDE TRAP PRIMERS OR TRAP SEALS WHERE REQUIRED BY LOCAL AUTHORITIES.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS.
- PAINT ALL EXPOSED GAS AND WATER PIPING USING RUST INHIBITOR PAINT. PAINT AND COLOR SHALL BE COORDINATED WITH THE ARCHITECT AND/OR OWNER.
- COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10" MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2" CLEARANCE FROM ALL OTHER EQUIPMENT.
- INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.
- PROVIDE "HEAVY-DUTY" NO-HUB COUPLINGS ON STORM PIPING, INCLUDING CONNECTIONS TO ROOF DRAINS AND SOIL STACKS 4" AND LARGER AND CONNECTIONS TO SOIL STACKS. SEE DIVISION 22 SPECIFICATIONS FOR MORE INFORMATION.
- PROVIDE TRANSITION ADAPTER COUPLINGS FOR CONNECTION OF PVC DWV TO CAST IRON AT SLAB ON GRADE. SEE DIVISION 22 SPECIFICATION FOR MORE INFORMATION.
- PROVIDE TRANSITION ADAPTER COUPLINGS FOR CONNECTION OF PVC TO CAST IRON STORM PIPE AT SLAB ON GRADE. SEE DIVISION 22 SPECIFICATION SECTION 2800 DRAINAGE PIPING AND SPECIALTIES FOR MORE INFORMATION.
- PER CITY OF BENTONVILLE REQUIREMENTS ALL CONDENSATE DRAIN PIPING MUST DISCHARGE INTO STORM DRAIN SYSTEM.
- FLOW CONTROL VALVES SHALL BE SIZE 1/2" AND SET AT 0.5 GPM UNLESS NOTED OTHERWISE.
- WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.
- PROVIDE VERTICAL LIFT SPRING LOADED CHECK VALVES IN HOT AND COLD WATER SUPPLIES FOR MOP SINK FAUCETS DOWNSTREAM OF SHUTOFF VALVES.
- PROVIDE WALL PIPES AT PIPING PENETRATIONS OF ELEVATED WATERPROOF FLOOR SLABS, REFER TO SPECIFICATIONS.
- VERIFY EXISTING EQUIPMENT, INCLUDING ACCESSORIES, IS NOT DAMAGED AND IS IN GOOD WORKING ORDER. REPORT ANY DEFICIENCIES TO ARCHITECT.
- PROVIDE SIZE AND LENGTH OF HOT WATER FIXTURE SUPPLY PIPE FROM CIRCULATED HOT WATER BRANCH OR MAIN TO TERMINATION OF HOT WATER FIXTURE SUPPLY PIPE AT EACH FIXTURE PER 015 INTERNATIONAL ENERGY CONSERVATION CODE, TABLE C404.3.1. FOR 1/2" HOT WATER FIXTURE SUPPLY PIPE SIZE TO INDIVIDUAL LAVATOIRES, PROVIDE MAXIMUM LENGTH OF TWO FEET. FOR 3/4" HOT WATER FIXTURE SUPPLY PIPE SIZE TO INDIVIDUAL SINKS, PROVIDE MAXIMUM LENGTH OF 21 FEET.
- BELOW GRADE PVC PIPING IS ALLOWABLE AND MUST BE INSTALLED PER LOCAL CODE.

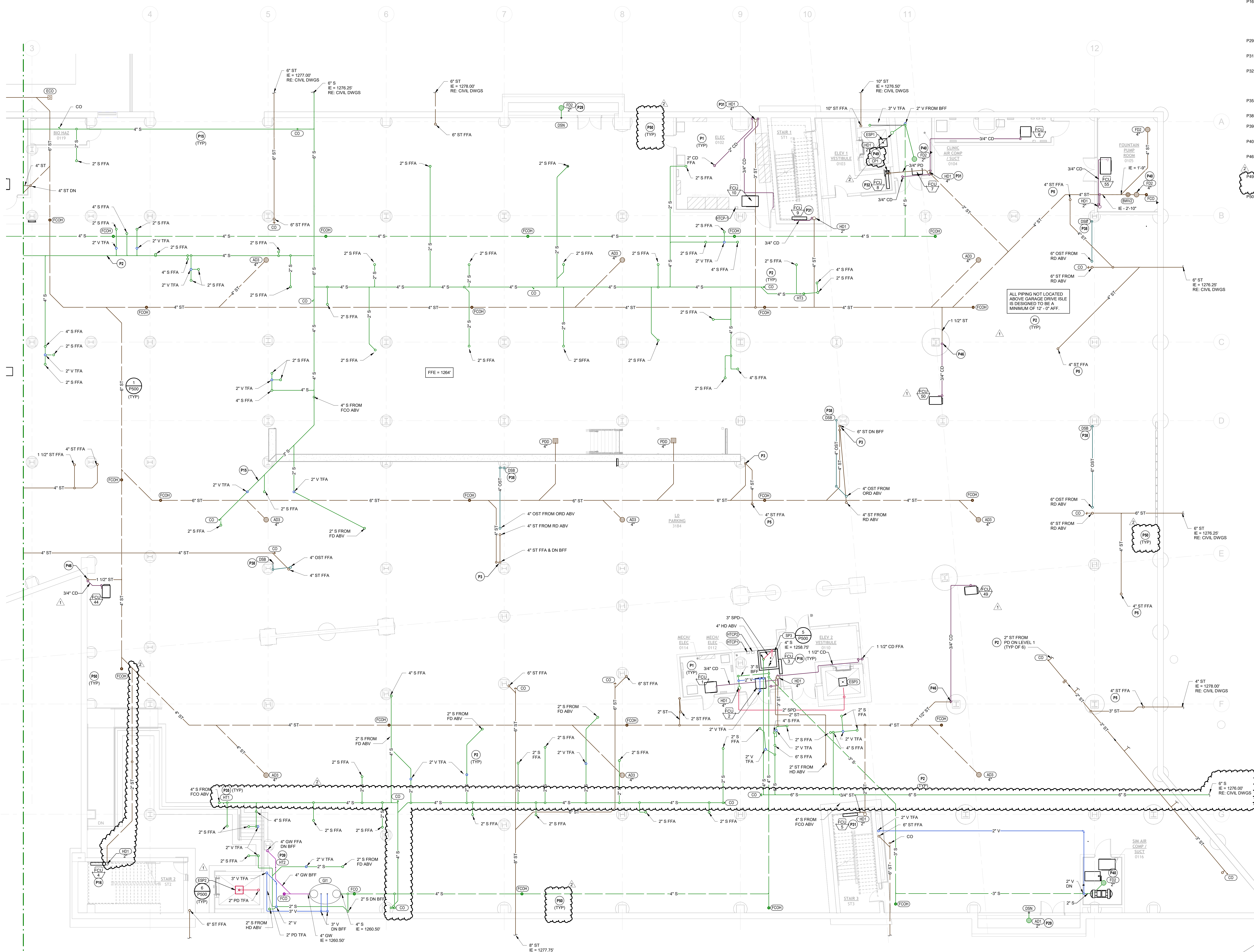
GENERAL NOTES UPDATED AS PART OF ADDENDUM #2

PLUMBING SYMBOLS

THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED.		V2.02																																																																																			
STANDARD MOUNTING HEIGHTS		PIPING SYMBOLS																																																																																			
CLINIC SERVICE SINKS (RM)	30"	—○—	OXYGEN OUTLET																																																																																		
HOSE BIBB (CENTERLINE)	30"	—SCW—	NITROUS OXIDE OUTLET																																																																																		
ICE MAKER OUTLET BOX (CENTER OF BOX)	24"	—HW—	MEDICAL AIR OUTLET																																																																																		
JANITOR'S SINK FAUCET FITTINGS (CENTERLINE)	42"	—NRO—	NITROGEN OUTLET																																																																																		
LAVATORY OR SINK	31"	—MV—	MEDICAL VACUUM INLET																																																																																		
STANDARD HEIGHT (RM)	31"	—FS—	FLOOR SINK (FS), SIZE & TYPE																																																																																		
ADA ACCESSIBLE (RM)	34"	—FD—	FLOOR DRAIN (FD), SIZE & TYPE																																																																																		
CHILD HEIGHT (RM)	24"	—RD—	ROOF DRAIN (RD), SIZE & TYPE																																																																																		
NON FREEZE WALL HYDRANT (AFG TO CENTERLINE)	18"	—B—	BALL VALVE																																																																																		
SHOWER HEAD	78"	—C—	CONTROL VALVE																																																																																		
MEN (CENTERLINE)	72"	—S—	SHUTOFF VALVE																																																																																		
WOMEN (CENTERLINE)	72"	—C—	CHECK VALVE																																																																																		
SHOWER VALVE	48"	—B—	BALANCING VALVE WITH PRESSURE PORTS																																																																																		
STANDARD HEIGHT - MEN (CENTERLINE)	48"	—W—	WATER METER																																																																																		
STANDARD HEIGHT - WOMEN (CENTERLINE)	42"	—S—	STRAINER																																																																																		
ADA ACCESSIBLE (CENTERLINE)	38" TO 48"	—N—	NON-FREEZING WALL HYDRANT (NW)																																																																																		
SURGEON'S SCRUB-UP SINK (FRONT RIM)	35"	—M—	MANUAL / AUTOMATIC AIR VENT OR VACUUM RELIEF VALVE																																																																																		
TUB VALVE	32"	—P—	PRESSURE / VACUUM SWITCH																																																																																		
STANDARD HEIGHT (CENTERLINE)	32"	—C—	CLEANOUT																																																																																		
ADA ACCESSIBLE - CENTER BETWEEN GRAB BAR AND TUB RIM		—CAP—	CAP																																																																																		
URINAL		—W—	WALL CLEANOUT (WCO)																																																																																		
STANDARD HEIGHT (RM)	24"	—FCO—	FLOOR CLEANOUT (FCO)																																																																																		
ADA ACCESSIBLE (RM)	17"	—ECO—	EXTERIOR CLEANOUT (ECO)																																																																																		
CHILD HEIGHT (RM)	14"	—E—	ELBOW UP																																																																																		
WASHING MACHINE OUTLET BOX (RIM)	42"	—D—	ELBOW DOWN																																																																																		
STANDARD HEIGHT (RM)	17"	—T—	TEE UP																																																																																		
ADA ACCESSIBLE (TOP OF SEAT)	17" TO 19"	—D—	TEE DOWN																																																																																		
CHILD HEIGHT (RM)	10"	—S—	ELBOW UP WITH SHUT-OFF VALVE (SOV)																																																																																		
WATER CLOSET		—D—	ELBOW DOWN WITH SHUT-OFF VALVE (SOV)																																																																																		
STANDARD HEIGHT (SPOUT)	10"	—T—	TEE UP WITH SHUT-OFF VALVE (SOV)																																																																																		
ADA ACCESSIBLE (SPOUT)	30"	—D—	TEE DOWN WITH SHUT OFF VALVE (SOV)																																																																																		
CHILD HEIGHT (SPOUT)	30"	—A—	WATER HAMMER ARRESTER (WHA) WITH PDI SIZES, (A, B, C, D, & E)																																																																																		
WATER COOLER OR DRINKING FOUNTAIN		—R—	RECIRCULATION PUMP																																																																																		
STANDARD HEIGHT (SPOUT)	41"	—P—	P-TRAP																																																																																		
CHILD HEIGHT (SPOUT)	30"	—C—	GAS COCK																																																																																		
		—T—	TRAP PRIMER																																																																																		
		—D—	TRAP PRIMER WITH DISTRIBUTION UNIT																																																																																		
INSTALL PLUMBING FIXTURES AT THE MOUNTING HEIGHTS SHOWN ABOVE UNO IN THE ARCHITECTURAL DRAWINGS OR ELSEWHERE IN THE CONSTRUCTION DOCUMENTS. FINAL APPROVAL OF LOCATIONS BY ARCHITECT. MOUNTING HEIGHTS LISTED ABOVE, OR ELSEWHERE IN THE CONSTRUCTION DOCUMENTS, ARE AFF. UNO. ALL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH CURRENT ADA AND LOCAL REQUIREMENTS.		PIPING LINETYPES —CW— DOMESTIC COLD WATER (CW) —SCW— SOFTENED COLD WATER (SCW) —HW— DOMESTIC HOT WATER (HW) —HWR— DOMESTIC HOT WATER REIRC. (HWR) —140"— DOMESTIC HOT WATER (140") —T— TRAP PRIMER LINE (T) —S— SOL PIPING - ABOVE FLOOR (S) —S— SOL PIPING - BELOW FLOOR (S) —W— WASTE PIPING - ABOVE FLOOR (W) —W— WASTE PIPING - BELOW FLOOR (W) —GW— GREASE WASTE - ABOVE FLOOR (GW) —GW— GREASE WASTE - BELOW FLOOR (GW) —CGWV— COMBINATION GREASE WASTE AND VENT (CGWV) —CWV— COMBINATION WASTE AND VENT (CWV) —ST— STORM DRAIN - ABOVE FLOOR (ST) —ST— STORM DRAIN - BELOW FLOOR (ST) —OST— OVERFLOW STORM DRAIN - ABOVE FLOOR (OST) —VBG— VENT BELOW GRADE (VBG) —VBF— VENT BELOW FLOOR (VBF) —ID— INDIRECT DRAIN (ID) —CDH— CONDENSATE DRAIN - HIGH EFFICIENCY RTU (CDH) —CD— CONDENSATE DRAIN (CD) —ACD— AUXILIARY CONDENSATE DRAIN (ACD) —SPD— SUMP OR SEWAGE PUMP DISCHARGE (SPD) —G— NATURAL GAS (G) —G— NATURAL GAS ON ROOF (G) —MPG— MEDIUM PRESSURE NATURAL GAS (MPG) —MPG— MEDIUM PRESSURE NATURAL GAS ON ROOF (MPG) —NPW— NON-POTABLE WATER (NPW) —LPG— LIQUEFIED PETROLEUM GAS (LPG) —WS— WATER SERVICE (WS) —DFP— FIRE PROTECTION SPRINKLER DRY (DFP) —FP— FIRE PROTECTION SPRINKLER WET (FP) —DSP— FIRE PROTECTION STANDPIPE DRY (DSP) —WSP— FIRE PROTECTION STANDPIPE WET (WSP) —PD— CONDENSATE PUMP DISCHARGE (PD) —V— VENT PIPING (V) —AW— ACID WASTE - ABOVE FLOOR (AW) —AW— ACID WASTE - BELOW FLOOR (AW) —AV— ACID VENT (AV) —GWS— GRAY WATER (GWS) —CA— COMPRESSED AIR (CA) —MA— MEDICAL AIR (MA) —MV— MEDICAL VACUUM (VE) —HE— HELIUM (HE) —IA— INSTRUMENT AIR (IA) —IV— INSTRUMENT VACUUM (IV) —N2— NITROGEN (N2) —N2O— NITROUS OXIDE (N2O) —O2— OXYGEN (O2) —EV— EVACUAGD (EV) —CO2— CARBON DIOXIDE (CO2) —AI— MEDICAL AIR INTAKE (AI) —VE— MEDICAL VACUUM EXHAUST (VE) —DA— DENTAL AIR (DA) —DV— DENTAL VACUUM (DV) —FW1— FILTERED WATER (FW1) —FW2— FILTERED WATER W/ SCALE INHIBITOR (FW2) —RO— REVERSE OSMOSIS (RO) —ROR— REVERSE OSMOSIS REMINERALIZATION (ROR)																																																																																			
ANNOTATION ① PLUMBING PLAN NOTE CALLOUT ② PLUMBING EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED). REFER TO PLUMBING FIXTURE OR EQUIPMENT SCHEDULES ③ EQUIPMENT DESIGNATION (OWNER FURNISHED, CONTRACTOR INSTALLED) ④ MECHANICAL EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE) ⑤ CONNECTION POINT OF NEW WORK TO EXISTING ⑥ DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER ⑦ SECTION CUT DESIGNATION ⑧ DEDICATED EQUIPMENT ACCESS TILE ⑨ ACCESS PANEL		LINETYPE LEGEND THROUGHOUT THE DRAWINGS DIFFERENT LINETYPES ARE USED IN COMBINATION WITH THE SYMBOLS TO INDICATE THE STATUS OF ITEMS AS EXISTING, TO BE DEMOLISHED, TO BE INCLUDED AS PART OF NEW WORK, AND/OR ITEMS WHICH ARE ANTICIPATED TO BE PROVIDED IN THE FUTURE. THE STATUS OF ITEMS USING THESE LINETYPES ARE RELATIVE TO THE VIEW IN WHICH THEY APPEAR. PHASING SHOWN IN DRAWINGS IS NOT INTENDED TO FULLY DESCRIBE ALL NECESSARY CONSTRUCTION PHASING, WHICH IS DETERMINED BY THE CONTRACTOR AS PART OF THEIR RESPONSIBILITIES. ANY SUCH PHASING DESCRIBED IN THE CONSTRUCTION DOCUMENTS ARE GENERAL AND ONLY INTENDED TO INDICATE A BROAD ORDER FOR THE SAKE OF DESCRIBING THE PROJECT. THE FOLLOWING LINETYPES MAY BE USED ON ANY DEVICE, EQUIPMENT, NOTE, LINE, SHAPE, ETC. EXISTING _____ NEW _____ DEMOLISH - - - - - FUTURE - - - - -																																																																																			
ABBREVIATIONS <table border="0"> <tr> <td>ADA AMERICANS WITH DISABILITIES ACT</td> <td>MIN MINIMUM</td> </tr> <tr> <td>AFF ABOVE FINISHED FLOOR</td> <td>NIC NORMALLY CLOSED</td> </tr> <tr> <td>AFG ABOVE FINISHED GRADE</td> <td>NIO NORMALLY OPEN</td> </tr> <tr> <td>AHU AIR HANDLING UNIT</td> <td>NIC NOT IN CONTRACT</td> </tr> <tr> <td>AP ACCESS PANEL</td> <td>ORD OVERFLOW ROOF DRAIN</td> </tr> <tr> <td>BAS BUILDING AUTOMATION SYSTEM</td> <td>PDI PLUMBING DRAINAGE INSTITUTE</td> </tr> <tr> <td>BFF BELOW FINISHED FLOOR</td> <td>PHV0 PHASE VALVE</td> </tr> <tr> <td>BFG BELOW FINISHED GRADE</td> <td>PRV PRESSURE REDUCING VALVE</td> </tr> <tr> <td>BOP BOTTOM OF PIPE</td> <td>PVC POLYVINYL CHLORIDE</td> </tr> <tr> <td>BOS BOTTOM OF STRUCTURE</td> <td>RCF REINFORCED CONCRETE</td> </tr> <tr> <td>BTU BRITISH THERMAL UNIT</td> <td>RD ROOF DRAIN</td> </tr> <tr> <td>CO CLEAN OUT</td> <td>RPM REVOLUTIONS PER MINUTE</td> </tr> <tr> <td>CP CONDENSATE PUMP</td> <td>RTU ROOFTOP UNIT</td> </tr> <tr> <td>CPVC CHLORINATED POLYVINYL CHLORIDE</td> <td>S SANITARY SEWER</td> </tr> <tr> <td>CU COPPER</td> <td>S SQUARE FEET</td> </tr> <tr> <td>DI DUCTILE IRON</td> <td>SP SUMP</td> </tr> <tr> <td>DN DOWN</td> <td>SS STAINLESS STEEL, SOIL</td> </tr> <tr> <td>DFU DRAINAGE FIXTURE UNIT</td> <td>SS STACK</td> </tr> <tr> <td>DS DOWNSPOUT</td> <td>TFA TOTAL DYNAMIC HEAD TO FLOOR ABOVE</td> </tr> <tr> <td>E EXISTING</td> <td>TDH TOTAL DYNAMIC HEAD</td> </tr> <tr> <td>EMS ENERGY MANAGEMENT SYSTEM</td> <td>TFB TO FLOOR BELOW</td> </tr> <tr> <td>ETR EXISTING TO REMAIN</td> <td>TFP TYPICAL</td> </tr> <tr> <td>EWC ELECTRIC WATER COOLER</td> <td>UL UNDERWRITERS LABORATORIES, INC.</td> </tr> <tr> <td>FD FLOOR DRAIN</td> <td>UNO UNLESS NOTED OTHERWISE</td> </tr> <tr> <td>FFA FROM FLOOR ABOVE</td> <td>UPS UNINTERRUPTIBLE POWER SUPPLY</td> </tr> <tr> <td>FFB FROM FLOOR BELOW</td> <td>VCP VITRIFIED CLAY PIPE</td> </tr> <tr> <td>FF FINISHED FLOOR</td> <td>VFD VARIABLE FREQUENCY DRIVE</td> </tr> <tr> <td>FL FLOOR LINE</td> <td>VS VENT STACK</td> </tr> <tr> <td>FLA FULL LOAD AMPS</td> <td>VTR VENT THROUGH ROOF</td> </tr> <tr> <td>FLR FLOOR</td> <td>W WITH</td> </tr> <tr> <td>GM GALLONS PER MINUTE</td> <td>W/ WITH</td> </tr> <tr> <td>HD HEAD, HUB DRAIN</td> <td>W/ WITH</td> </tr> <tr> <td>HZ HERTZ</td> <td>WC WASTE COLUMN</td> </tr> <tr> <td>IE INCHES OF WATER COLUMN</td> <td>WS WASTE STACK</td> </tr> <tr> <td>JB JUNCTION BOX</td> <td>WSFU WATER SUPPLY FIXTURE UNIT</td> </tr> <tr> <td>JBOX JUNCTION BOX</td> <td>WVS WASTE VENT STACK</td> </tr> <tr> <td>KW KILOWATT</td> <td></td> </tr> <tr> <td>MAU MAKE-UP AIR UNIT</td> <td></td> </tr> <tr> <td>MAX MAXIMUM</td> <td></td> </tr> <tr> <td>MBH 1000 BTU PER HOUR</td> <td></td> </tr> <tr> <td>MH MANHOLE</td> <td></td> </tr> </table>		ADA AMERICANS WITH DISABILITIES ACT	MIN MINIMUM	AFF ABOVE FINISHED FLOOR	NIC NORMALLY CLOSED	AFG ABOVE FINISHED GRADE	NIO NORMALLY OPEN	AHU AIR HANDLING UNIT	NIC NOT IN CONTRACT	AP ACCESS PANEL	ORD OVERFLOW ROOF DRAIN	BAS BUILDING AUTOMATION SYSTEM	PDI PLUMBING DRAINAGE INSTITUTE	BFF BELOW FINISHED FLOOR	PHV0 PHASE VALVE	BFG BELOW FINISHED GRADE	PRV PRESSURE REDUCING VALVE	BOP BOTTOM OF PIPE	PVC POLYVINYL CHLORIDE	BOS BOTTOM OF STRUCTURE	RCF REINFORCED CONCRETE	BTU BRITISH THERMAL UNIT	RD ROOF DRAIN	CO CLEAN OUT	RPM REVOLUTIONS PER MINUTE	CP CONDENSATE PUMP	RTU ROOFTOP UNIT	CPVC CHLORINATED POLYVINYL CHLORIDE	S SANITARY SEWER	CU COPPER	S SQUARE FEET	DI DUCTILE IRON	SP SUMP	DN DOWN	SS STAINLESS STEEL, SOIL	DFU DRAINAGE FIXTURE UNIT	SS STACK	DS DOWNSPOUT	TFA TOTAL DYNAMIC HEAD TO FLOOR ABOVE	E EXISTING	TDH TOTAL DYNAMIC HEAD	EMS ENERGY MANAGEMENT SYSTEM	TFB TO FLOOR BELOW	ETR EXISTING TO REMAIN	TFP TYPICAL	EWC ELECTRIC WATER COOLER	UL UNDERWRITERS LABORATORIES, INC.	FD FLOOR DRAIN	UNO UNLESS NOTED OTHERWISE	FFA FROM FLOOR ABOVE	UPS UNINTERRUPTIBLE POWER SUPPLY	FFB FROM FLOOR BELOW	VCP VITRIFIED CLAY PIPE	FF FINISHED FLOOR	VFD VARIABLE FREQUENCY DRIVE	FL FLOOR LINE	VS VENT STACK	FLA FULL LOAD AMPS	VTR VENT THROUGH ROOF	FLR FLOOR	W WITH	GM GALLONS PER MINUTE	W/ WITH	HD HEAD, HUB DRAIN	W/ WITH	HZ HERTZ	WC WASTE COLUMN	IE INCHES OF WATER COLUMN	WS WASTE STACK	JB JUNCTION BOX	WSFU WATER SUPPLY FIXTURE UNIT	JBOX JUNCTION BOX	WVS WASTE VENT STACK	KW KILOWATT		MAU MAKE-UP AIR UNIT		MAX MAXIMUM		MBH 1000 BTU PER HOUR		MH MANHOLE		CALL OUTS ENLARGED PLAN CALLOUT NOT IN SCOPE	
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- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P2 PIPING ROUTED OVERHEAD AT STRUCTURE. ALL PIPING ABOVE MAIN DRIVE ISLES IN GARAGE TO BE MINIMUM 13'-0" ABOVE FINISHED FLOOR. SLOPE SANITARY AND STORM PIPING AS REQUIRED BY CODE. COORDINATE PIPE ROUTING WITH ALL OTHER DISCIPLINES.
 - P3 OFFSET PIPING AT BASE OF COLUMN AS REQUIRED TO CLEAR CONCRETE FIBER BELOW SLAB.
 - P4 STORM WATER DRAIN PIPING SHALL CONNECT TO WATER FEATURE OVERFLOW ABOVE. ROUTE PIPING AWAY FROM MAIN DRIVE ISLE IN GARAGE. PIPING LOCATED ABOVE MAIN DRIVE ISLE MUST BE A MINIMUM OF 13'-0" ABOVE FINISHED FLOOR. COORDINATE FINAL CONNECTION LOCATION(S) WITH WATER FEATURE OVERFLOW DRAINS(S).
 - P5 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD SERVING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
 - P6 ROUTE CONDENSATE DRAIN PIPING FROM EQUIPMENT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM. CONDENSATE SHOULD BE ROUTED TO PRIMARY STORM PIPING TO BE ROUTED OUT OF THE BUILDING. INSTALL IDENTIFICATION MARKERS ON CONCEALED CONDENSATE PIPING.
 - P29 INSTALL DRAIN IN ELEVATED BASE OF CHASE AND ROUTE 2" DRAIN TO DSN TO DRAIN INTO PARKING GARAGE.
 - P31 ROUTE CONDENSATE PIPING DOWN TO HUB DRAIN. TERMINATE ABOVE HUB DRAIN WITH AHJ APPROVED AIR CAP.
 - P32 PROVIDE ACCESS PANEL FOR CONDENSATE PUMP LOCATED IN WALL CHASE SERVING FCU AS INDICATED. COORDINATE FINAL LOCATION WITH PUMP LOCATION AND FCU. REFER TO PLUMBING FIXTURE SCHEDULE FOR SIZES AND ADDITIONAL INFORMATION.
 - P35 ALL EXPOSED SANITARY AND GREASE WASTE PIPING IN PARKING GARAGE SHALL BE PROTECTED FROM FREEZING WITH HEAT TRACE SYSTEMS.
 - P38 DO NOT ROUTE DOWNSPOUT BOOT DISCHARGE TOWARD PARKING SPACES OR SIDEWALKS.
 - P39 HEAT TRACE SERVING GREASE WASTE SHALL EXTEND TO END OF MAIN 4" GREASE WASTE PIPING BELOW LEVEL 2.
 - P40 PROVIDE DRAIN WITH TRAP PRIMER CONNECTION. REFER TO WATER PLANS FOR TRAP PRIMER LOCATION.
 - P46 INSTALL 2" INCREASE ON TOP OF 1-1/2" STORM PIPING AT STRUCTURE. ROUTE 3/4" CONDENSATE PIPING OVER 2" STORM AND TERMINATE WITH AIR TRAP.
 - P49 CONDENSATE PUMP SHALL HAVE CONNECTION TO FAN COIL UNIT SO THAT IT WILL SHUT DOWN IF PUMP FAILS. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
 - P50 PROVIDE CONNECTION TO FOUNDATION DRAIN SYSTEM. COORDINATE SIZE, LOCATION, AND QUANTITY WITH CIVIL. IT IS ASSUMED 10-15 GPM OF FOUNDATION DRAIN LOAD IS CONVEYED TO THE SUMP PUMP. ROUTE TO PIPING DISCHARGING TO SP1 WITH REQUIRED SLOPE.



PLUMBING WASTE & VENT - LEVEL 0 PLAN - AREA A
 1/8" = 1'-0"

KEY PLAN

PSW Job Number:
993A

Henderson Job Number:
2150002607

06/07/2023

AWSOM
 Bentonville, AR

Issue Date:
02.24.2023

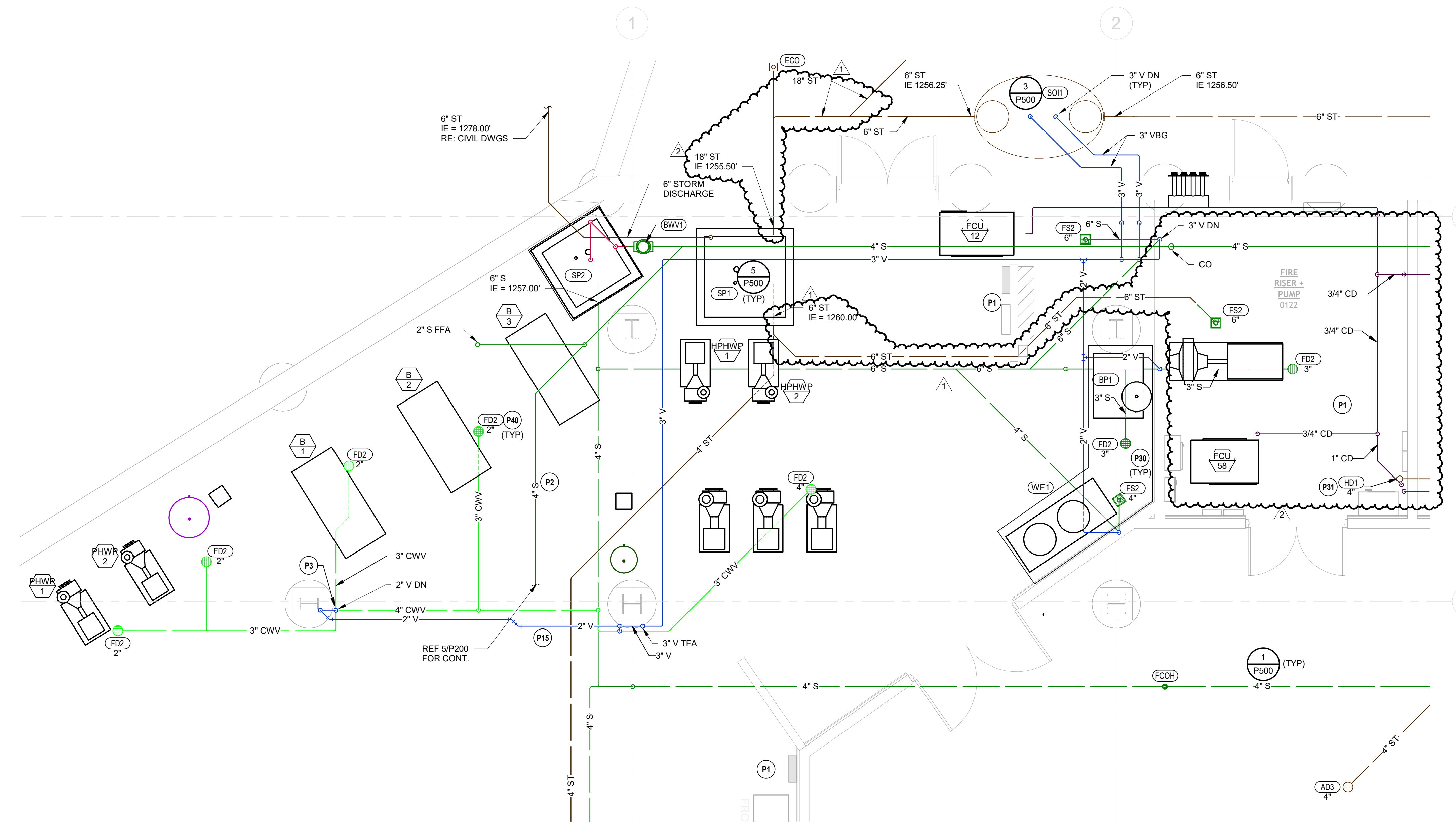
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NUMBER	DATE	DESCRIPTION	
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2	06/29/23	Addendum 2	

Consents:
PLUMBING WASTE & VENT - LEVEL 0 PLAN - AREA A

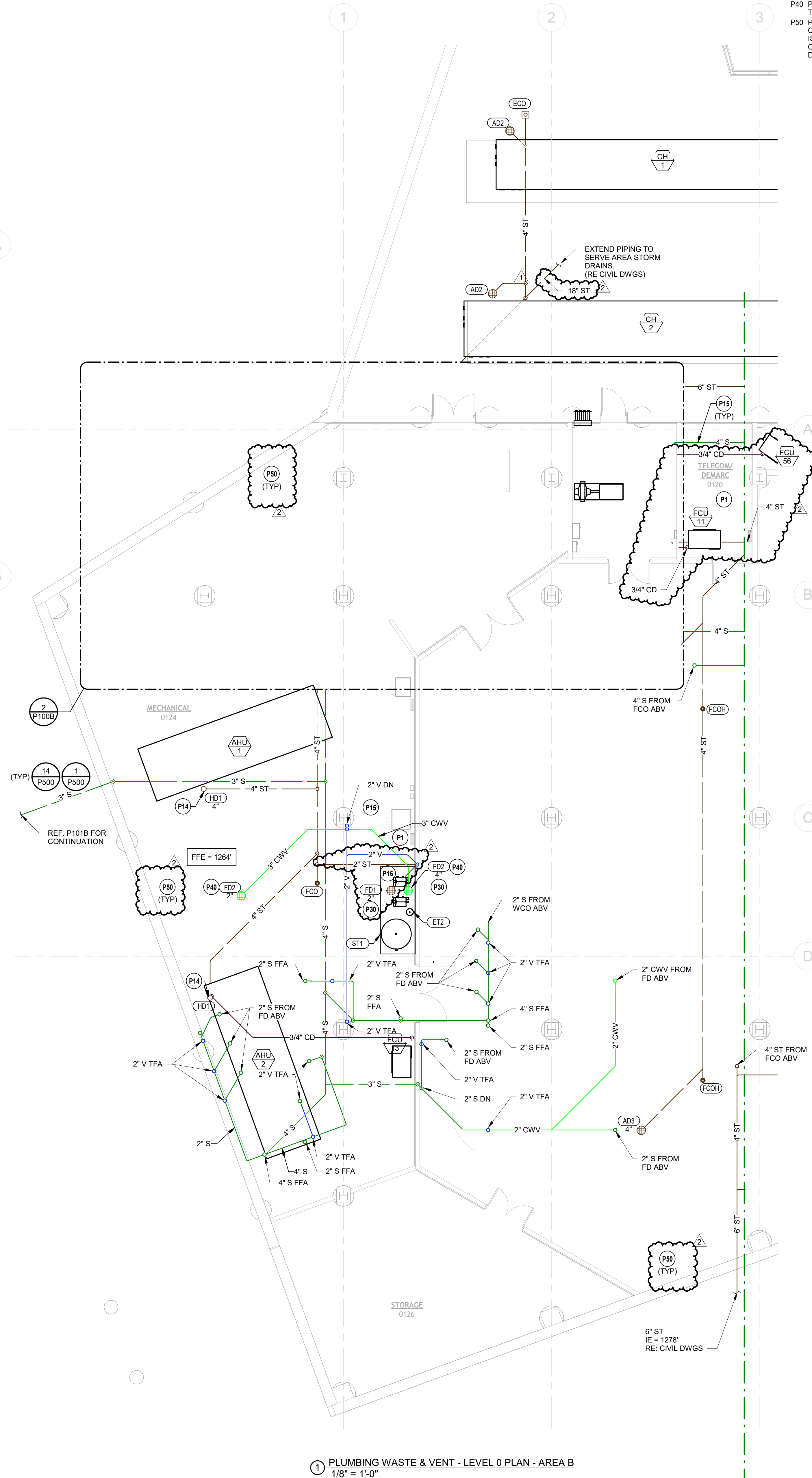
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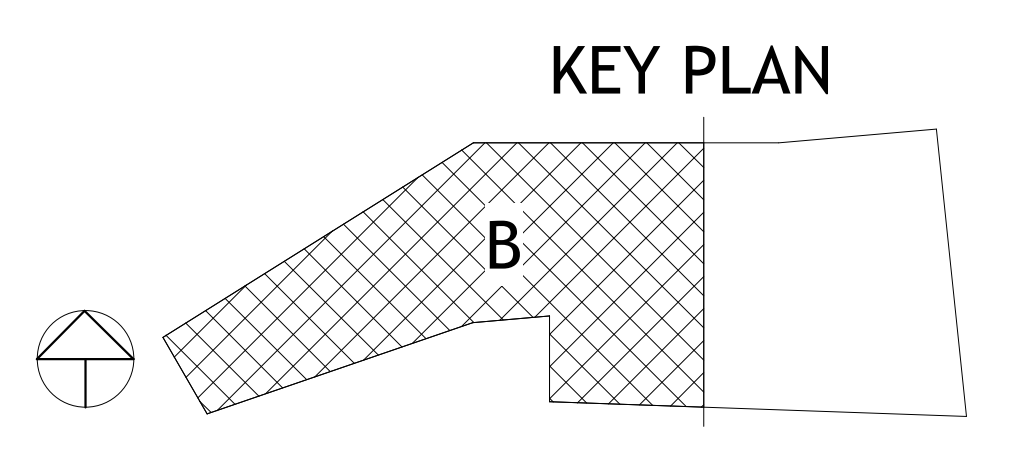
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P2 PIPING ROUTED OVERHEAD AT STRUCTURE. ALL PIPING ABOVE MAIN DRIVE RISES IN GARAGE TO BE MINIMUM 13'-6" ABOVE FINISHED FLOOR. SLOPE SANITARY AND STORM PIPING AS REQUIRED BY CODE. COORDINATE PIPE ROUTING WITH ALL OTHER DISCIPLINES.
 - P3 OFFSET PIPING AT BASE OF COLUMN AS REQUIRED TO CLEAR CONCRETE PIER BELOW SLAB.
 - P14 HUB DRAIN TO BE INSTALLED ABOVE FINISHED FLOOR LEVEL TO SERVE MECHANICAL UNIT CONDENSATE DRAIN AND PREVENT MAINTENANCE WATER ON FLOOR FROM ENTERING DRAIN. ROUTE CONDENSATE PIPING TO DRAIN AND TERMINATE ABOVE HUB DRAIN WITH AHJ APPROVED AIR GAP.
 - P15 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD. SERVICING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
 - P16 ROUTE CONDENSATE DRAIN PIPING FROM EQUIPMENT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM. CONDENSATE SHOULD BE ROUTED TO PRIMARY STORM PIPING TO BE ROUTED OUT OF THE BUILDING. INSTALL IDENTIFICATION MARKERS ON CONCEALED CONDENSATE PIPING.
 - P30 INSTALL FLOOR DRAIN IN RAISED HOUSE KEEPING PAD AS REQUIRED.
 - P31 ROUTE CONDENSATE PIPING DOWN TO HUB DRAIN TERMINATE ABOVE HUB DRAIN WITH AHJ APPROVED AIR GAP.
 - P40 PROVIDE DRAIN WITH TRAP PRIMER CONNECTION. REFER TO WATER PLANS FOR TRAP PRIMER LOCATION.
 - P45 PROVIDE CONNECTION TO FOUNDATION DRAIN SYSTEM. COORDINATE SIZE, LOCATION, AND QUANTITY WITH CIVIL. IT IS ASSUMED 10-15 GPM OF FOUNDATION DRAIN LOAD IS CONVEYED TO THE SUMP PUMP. ROUTE TO PIPING DISCHARGING TO SP1 WITH REQUIRED SLOPE.



2 ENLARGED PLUMBING WASTE & VENT - LEVEL 0
1/4" = 1'-0"



1 PLUMBING WASTE & VENT - LEVEL 0 PLAN - AREA B
1/8" = 1'-0"



PSW Job Number:
993A
Henderson Job Number:
2150002607



06/07/2023

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

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NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.29.23	Addendum 2

Consents:
PLUMBING
WASTE & VENT -
LEVEL 0 PLAN -
AREA B



REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/15/23	Addendum 1
2	06/29/23	Addendum 2

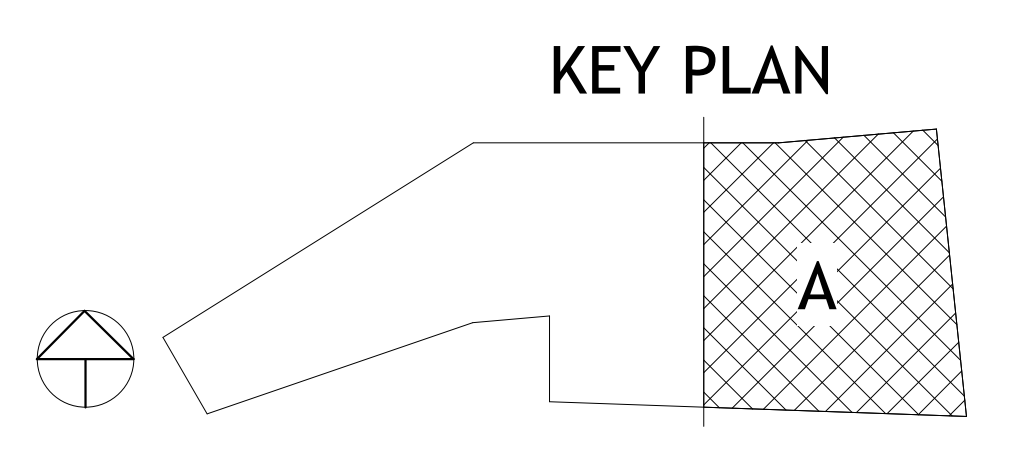
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PLUMBING WASTE & VENT - LEVEL 1 PLAN - AREA A

- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P8 STORM PIPING SHALL BE ROUTED THROUGH SLAB TO SERVE WATER FEATURE OVERFLOW DRAINS. COORDINATE FINAL LOCATION WITH WATER FEATURE CONTRACTOR AND PROJECT MANAGER. REFER TO LEVEL 0 PLAN FOR PIPE ROUTING BELOW.
 - P11 ROOF DRAIN AND OVERFLOW ROOF DRAIN TO BE RECESSED IN LANDSCAPING. COORDINATE FINAL DRAIN LOCATIONS WITH LANDSCAPE DESIGN. REFER TO LANDSCAPING DRAWINGS FOR ALL MOUNTING INFORMATION AND DETAILS.
 - P12 COORDINATE FINAL LOCATION OF DOWNSPOUT NOZZLE WITH ARCHITECT ELEVATIONS AND DETAILS. SPECIFIC EXTERIOR WALL PENETRATIONS MUST BE FOLLOWED FOR SPANDREL PANELS.
 - P16 ROUTE CONDENSATE DRAIN PIPING FROM EQUIPMENT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM. CONDENSATE SHOULD BE ROUTED TO PRIMARY STORM PIPING TO BE ROUTED OUT OF THE BUILDING. INSTALL IDENTIFICATION MARKERS ON CONCEALED CONDENSATE PIPING.
 - P26 STORM PIPES SERVING PLANTER DRAINS SHALL BE ROUTED THRU SLOPED STRUCTURE BE DOWN TO STORM PIPING AS SHOWN ON SHEET P100A.
 - P27 INSTALL PLANTER DRAINS IN BOTTOM OF PLANTER PER MANUFACTURE RECOMMENDATIONS. COORDINATE DRAIN LOCATION WITH PLANTER CONSTRUCTION AND SLOPE OF BASE.
 - P39 HEAT TRACE SERVING GREASE WASTE SHALL EXTEND TO END OF MAIN 4" GREASE WASTE PIPING BELOW LEVEL 2.



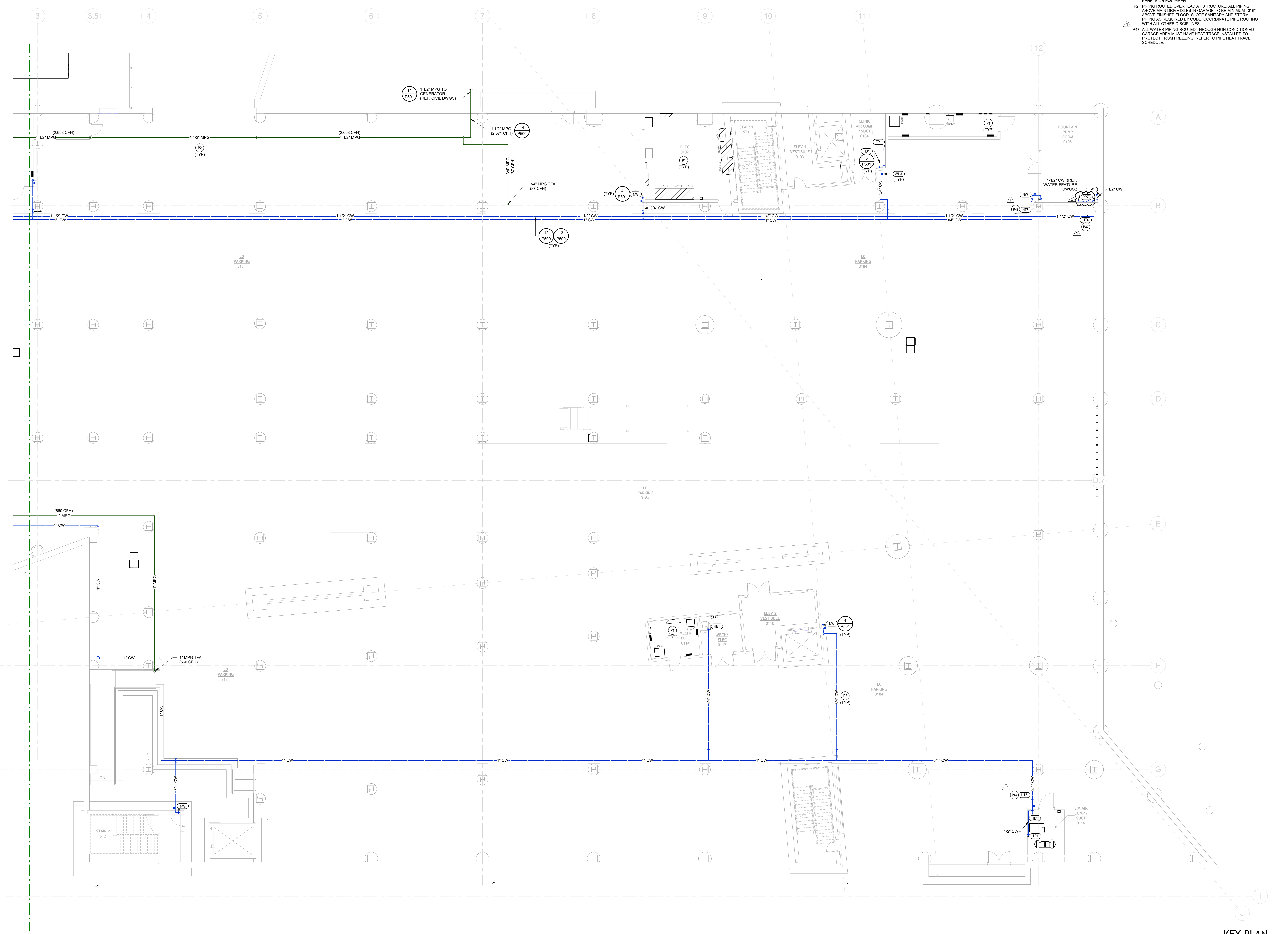
4" ST SHOWN TO SERVE WATER FEATURE OVERFLOW LOCATED AT LEVEL 1 EXTERIOR DECK BELOW BUILDING OVERHANG.

PLANTER DRAINS IN THIS AREA LOCATED IN OVERHANG ABOVE LEVEL 1 EXTERIOR DECK AREA.

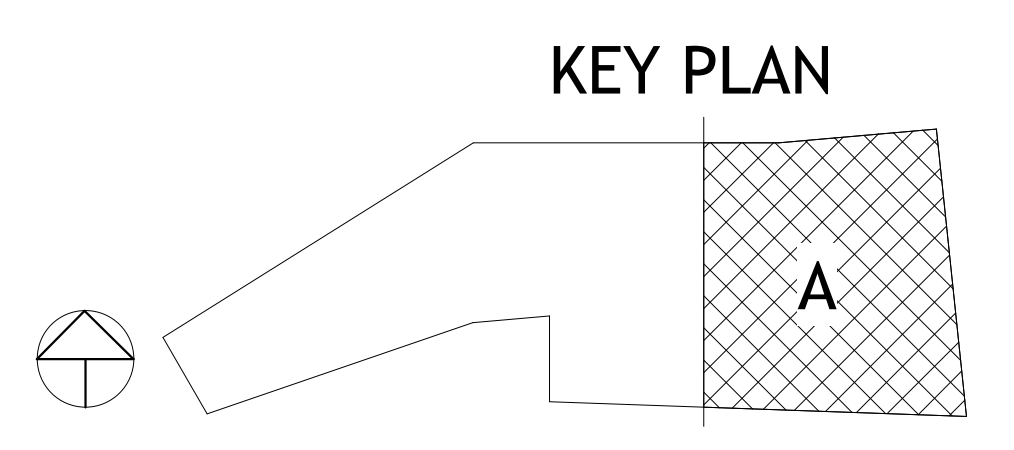


PLUMBING WASTE & VENT - LEVEL 1 PLAN - AREA A
1/8" = 1'-0"

- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P2 PIPING ROUTED OVERHEAD AT STRUCTURE. ALL PIPING ABOVE MAIN DRIVE ISLES IN GARAGE TO BE MINIMUM 13'-6" ABOVE FINISHED FLOOR. SLOPE SANITARY AND STORM PIPING AS REQUIRED BY CODE. COORDINATE PIPE ROUTING WITH ALL OTHER DISCIPLINES.
 - P3 ALL WATER PIPING ROUTED THROUGH NON-CONDITIONED GARAGE AREA MUST HAVE HEAT TRACE INSTALLED TO PROTECT FROM FREEZING. REFER TO PIPE HEAT TRACE SCHEDULE.



PLUMBING WATER & GAS - LEVEL 0 PLAN - AREA A
1/8" = 1'-0"



PSW Job Number:
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Henderson Job Number:
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06/07/2023

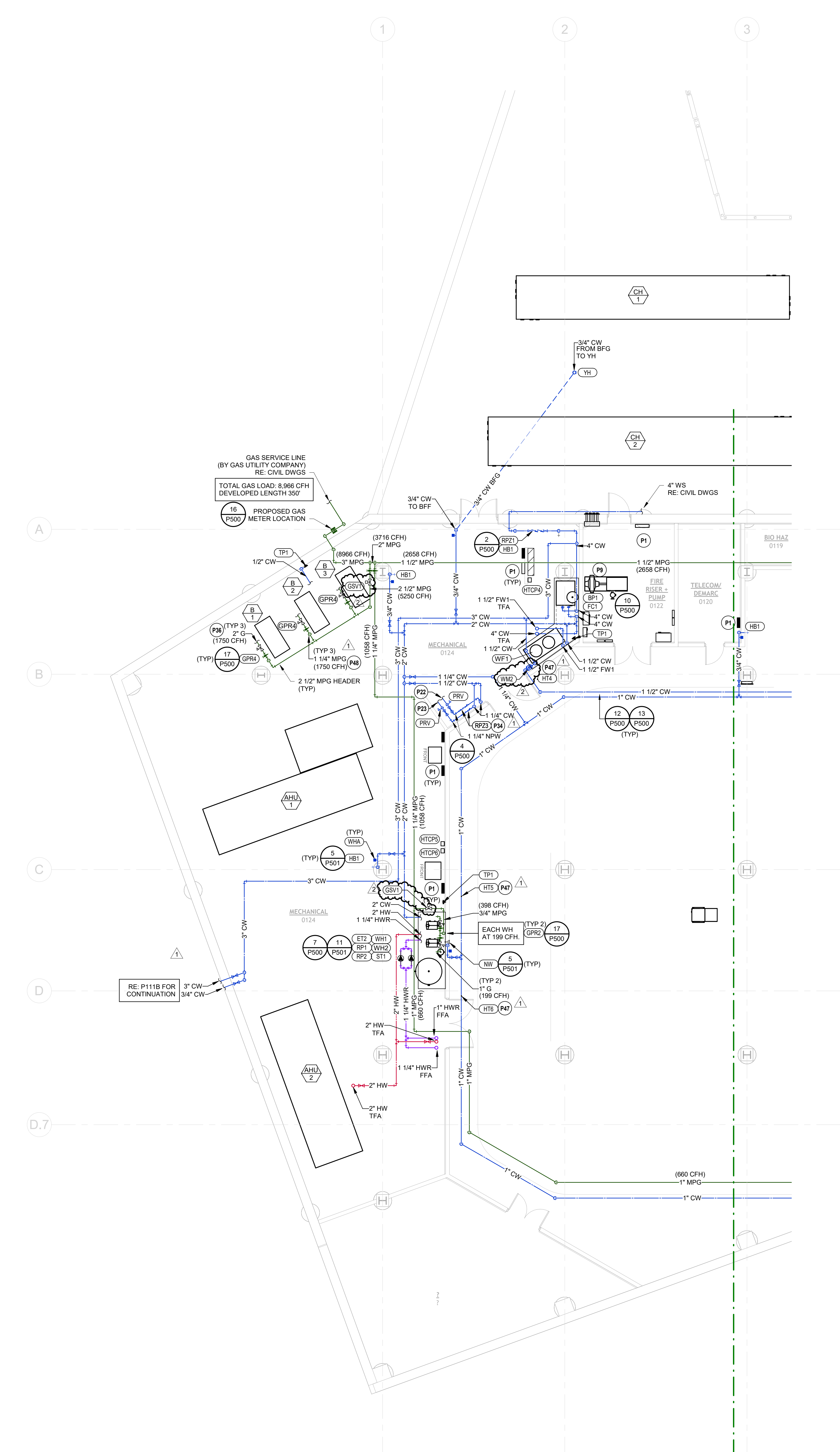
AWSOM
Bentonville, AR

Issue Date:
02.24.2023

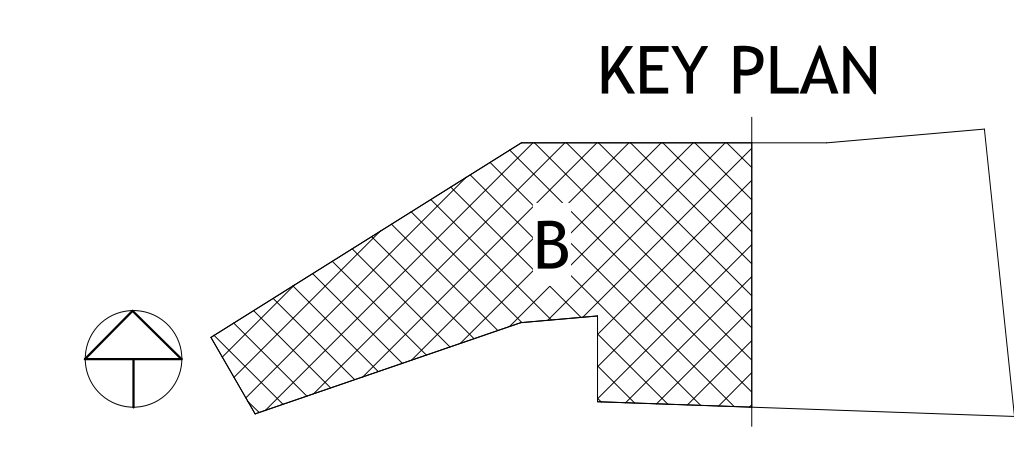
REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2

Consents:
**PLUMBING
WATER & GAS -
LEVEL 0 PLAN -
AREA A**

- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P9 INSTALL BOOSTER PUMP ACCUMULATOR TANK ON WALL MOUNTED PLATFORM ABOVE BOOSTER PUMP ASSEMBLY. ROUTE PIPING AS REQUIRED.
 - P22 1-1/4" NON-POTABLE MAKE-UP WATER TO MECHANICAL CHILLED WATER SYSTEMS. REFER TO MECH DWGS FOR CONTINUATION.
 - P23 1-1/4" NON-POTABLE MAKE-UP WATER TO MECHANICAL HEATING WATER SYSTEMS. REFER TO MECH DWGS FOR CONTINUATION.
 - P34 MOUNT BACKFLOW PREVENTERS ON WALL IN STACKED POSITION AT MAX HEIGHT OF 5'-0" AFF.
 - P36 PROVIDE GAS CONNECTION (SIZE AS SHOWN) TO BOILER. REFER TO MECH DWGS.
 - P47 ALL WATER PIPING ROUTED THROUGH NON-CONDITIONED GARAGE AREA MUST HAVE HEAT TRACE INSTALLED TO PROTECT FROM FREEZING. REFER TO PIPE HEAT TRACE SCHEDULE.
 - P48 MINIMUM GAS SUPPLY PIPE LENGTH FROM CONNECTION AT HEADER TO BOILER CONNECTION MUST TOTAL 10'-0" IN LENGTH.



1 PLUMBING WATER & GAS - LEVEL 0 PLAN - AREA B
1/8" = 1'-0"



PSW Job Number:
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Henderson Job Number:
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AWSOM
Bentonville, AR

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02.24.2023

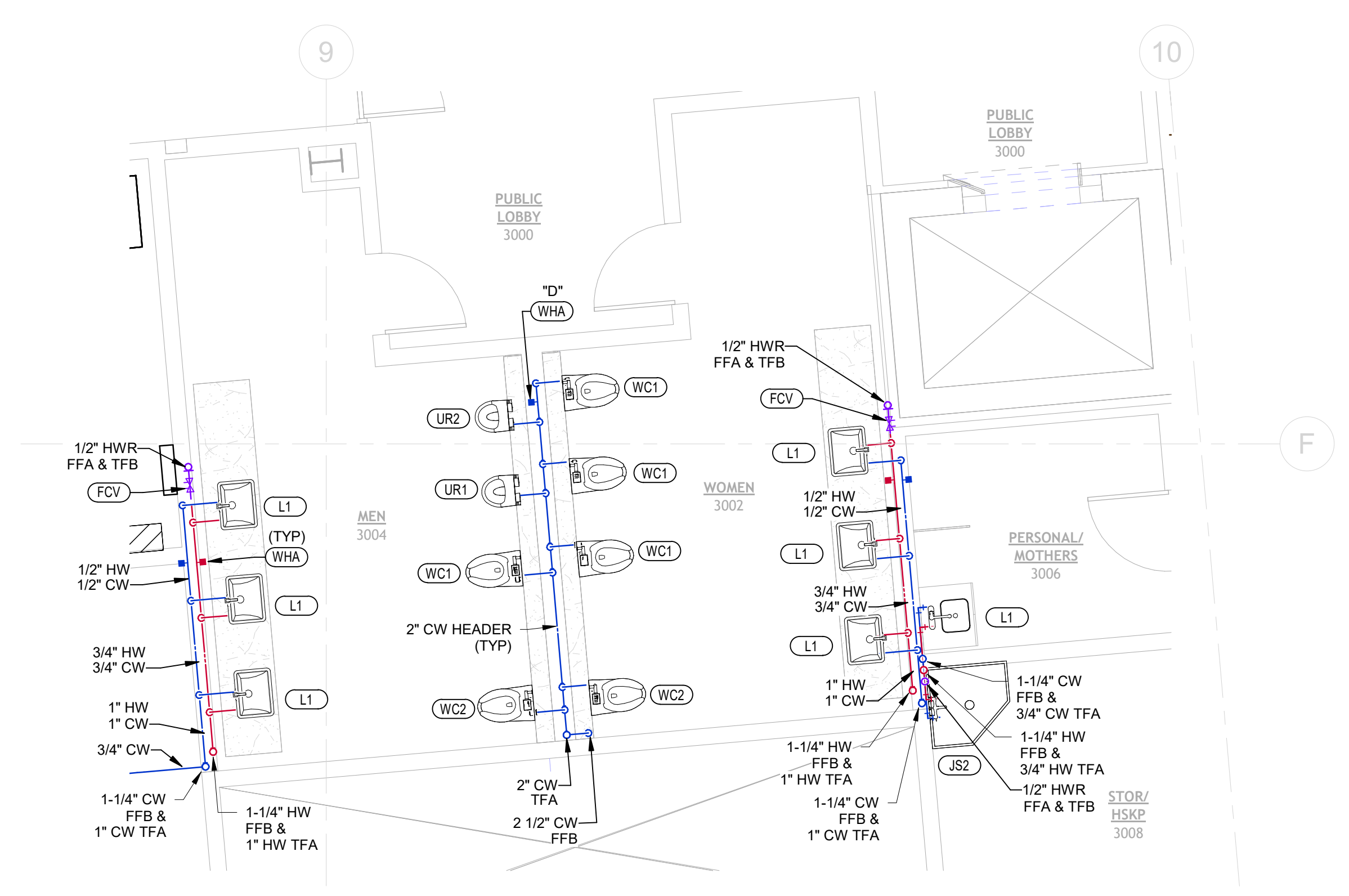
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NUMBER	DATE	DESCRIPTION
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2	06.09.23	Addendum 2

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PLUMBING
WATER & GAS -
LEVEL 0 PLAN -
AREA B

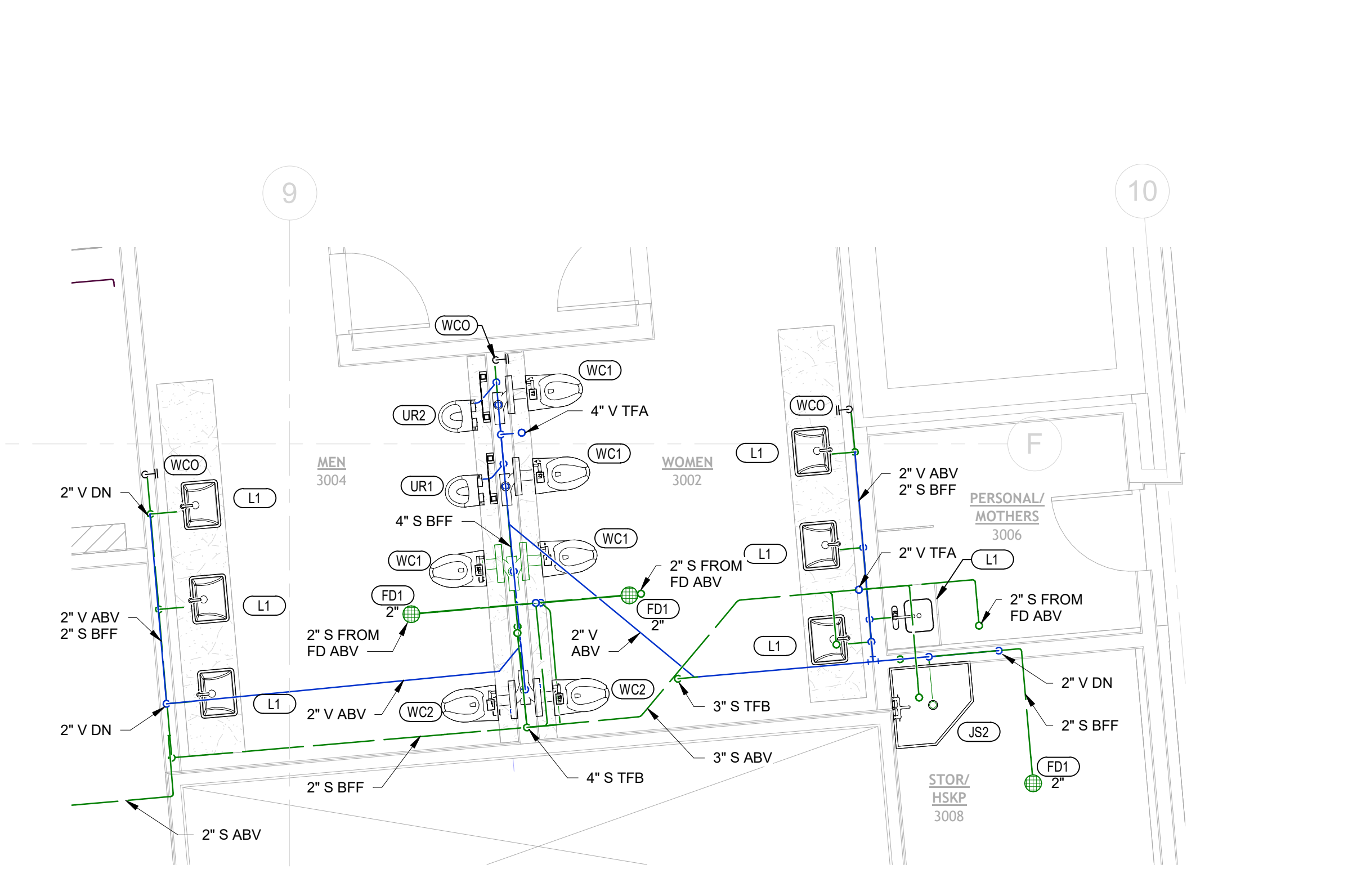


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2	06.29.23	Addendum 2

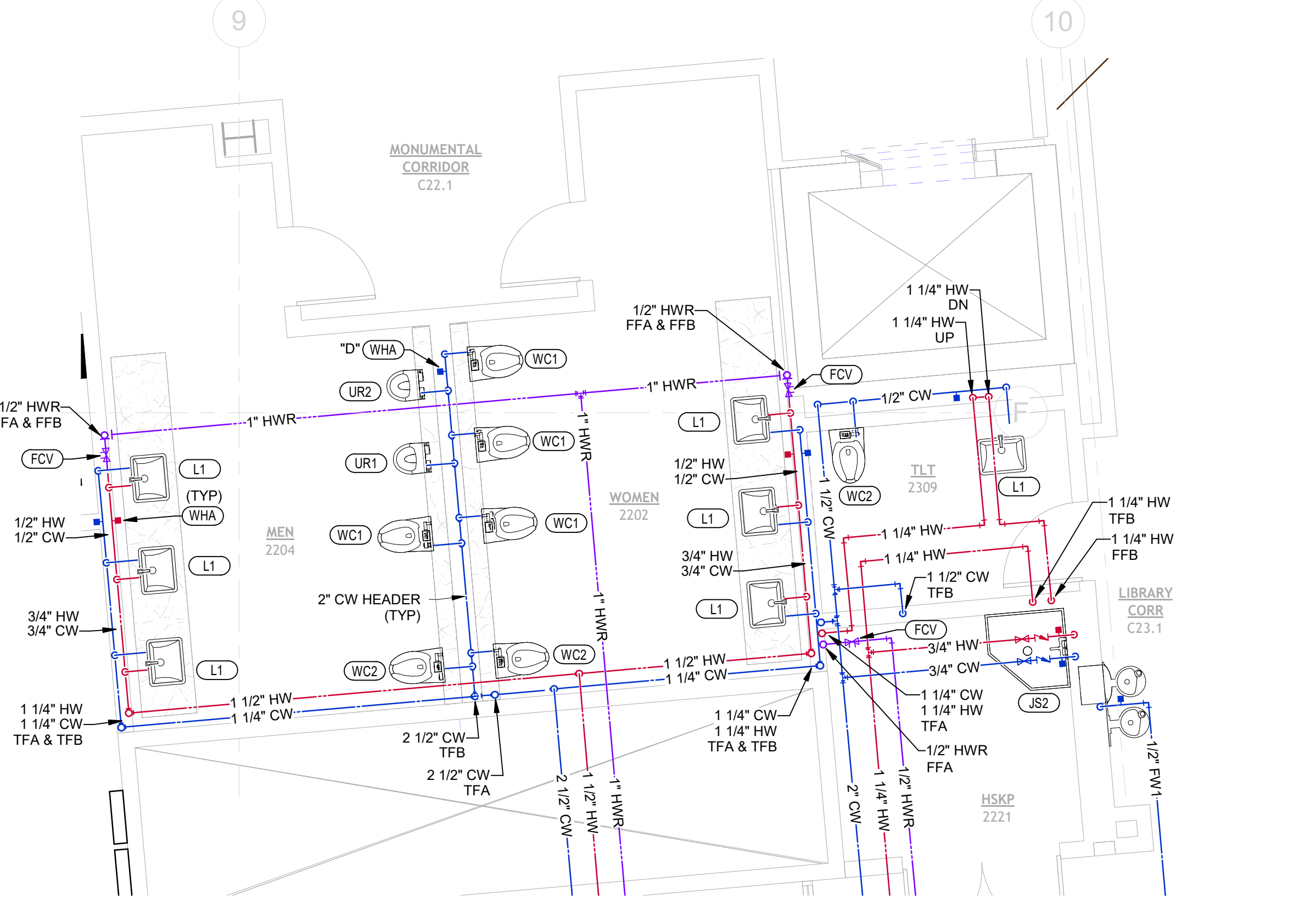
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P15 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD SERVING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
 - P25 PROVIDE ACCESS PANEL IN CEILING FOR ACCESS TO PLUMBING VALVES. REFER TO PLUMBING FIXTURE SCHEDULE FOR ACCESS PANEL SIZES AND ADDITIONAL INFORMATION. CONTRACTOR SHALL COORDINATE SIZE AND LOCATION OF ACCESS PANEL.
 - P42 ROUTE PLUMBING UTILITIES HORIZONTALLY IN COUNTER OR WALL.



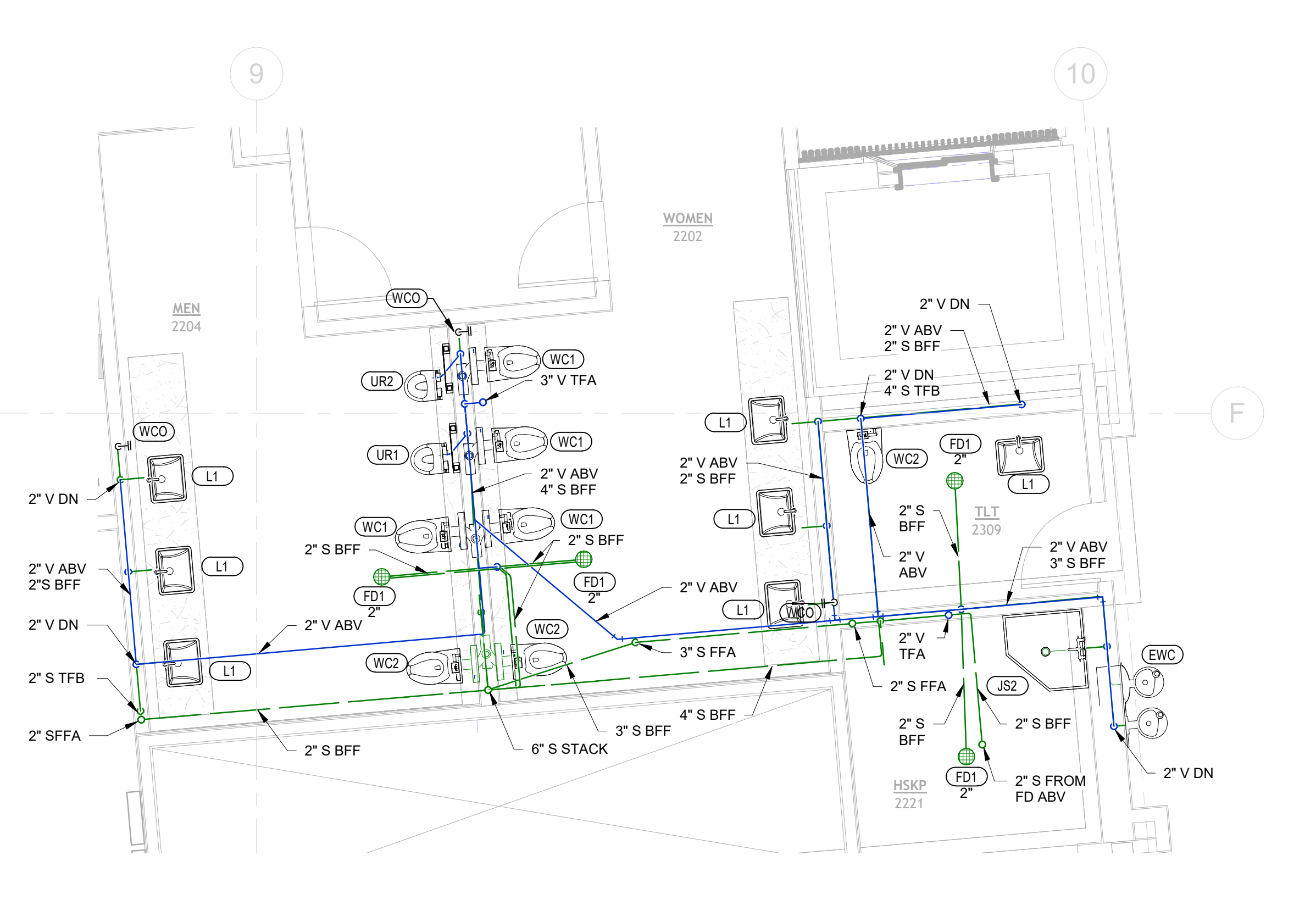
⑥ ENLARGED PLUMBING WATER AND GAS PLAN - RR 3002 & 3004
1/4" = 1'-0"



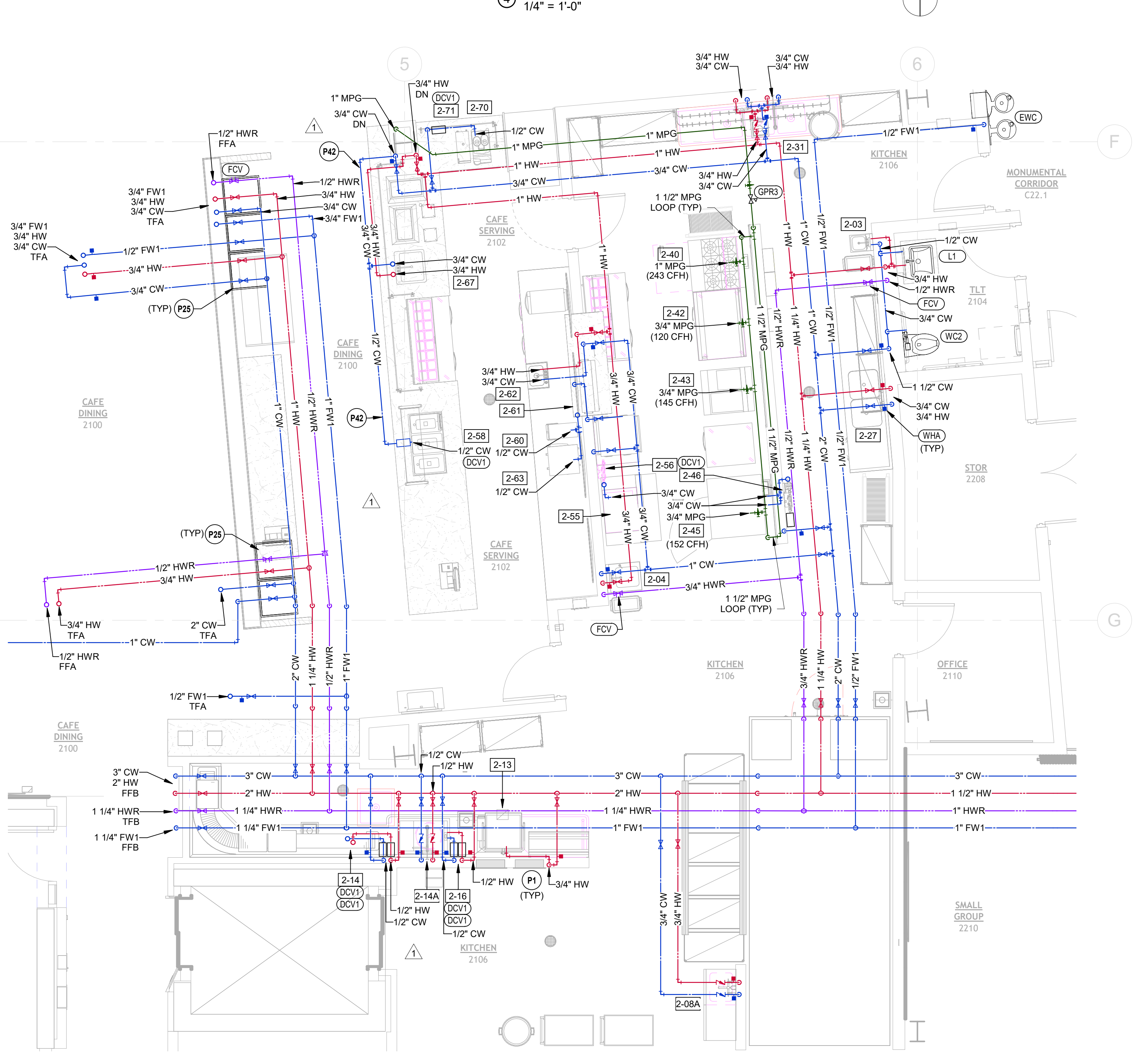
⑥ ENLARGED PLUMBING WASTE AND VENT PLAN - RR 3004 & 3006
1/4" = 1'-0"



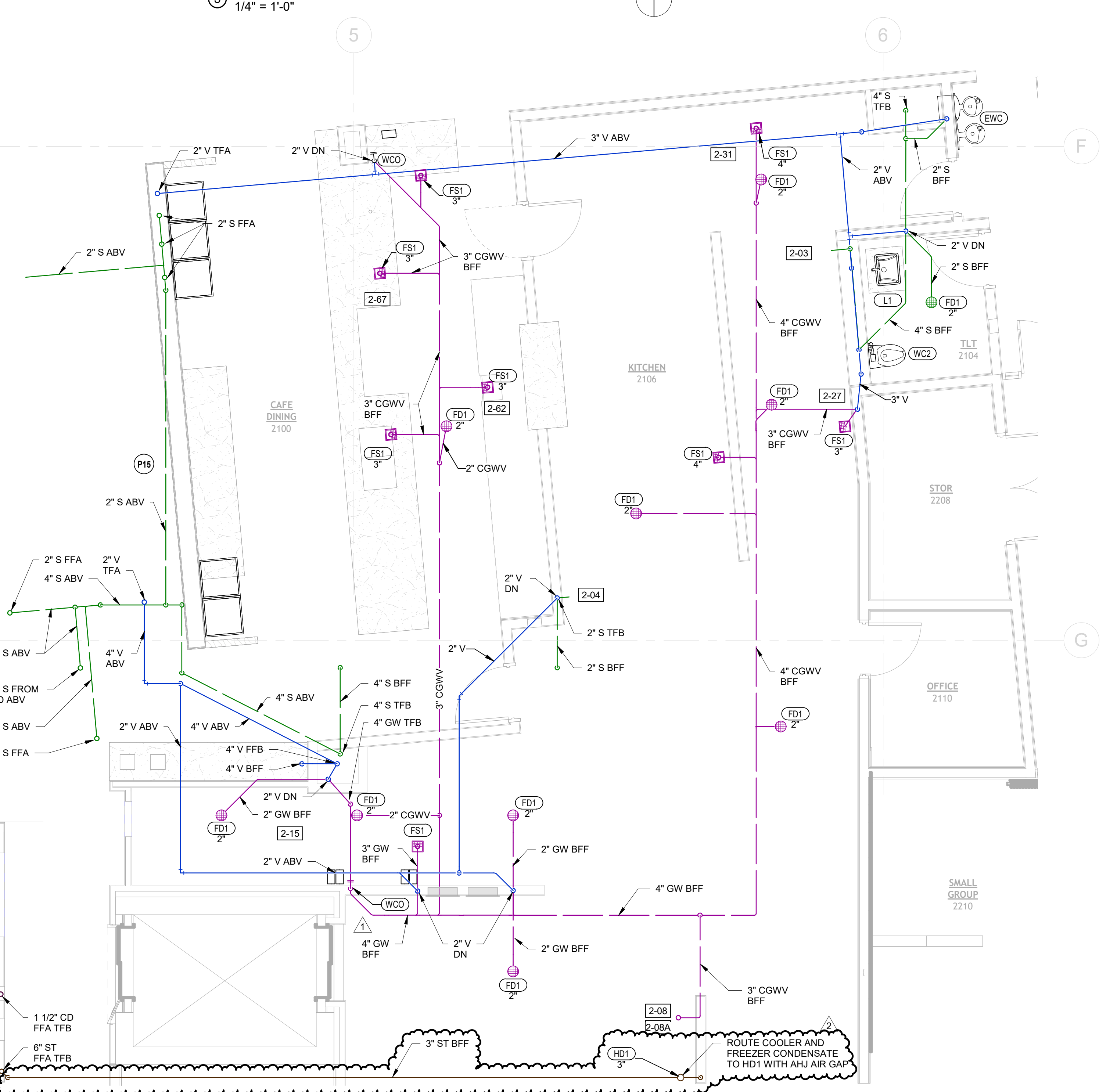
④ ENLARGED PLUMBING WATER AND GAS PLAN - RR 2202 & 2204
1/4" = 1'-0"



③ ENLARGED PLUMBING WASTE AND VENT PLAN - RR 2202 & 2204
1/4" = 1'-0"



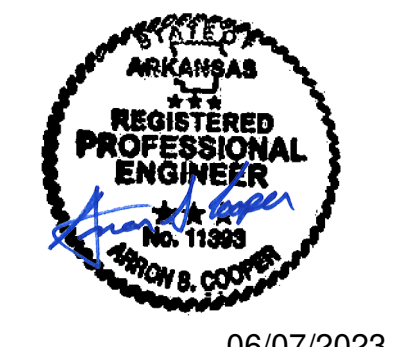
② ENLARGED PLUMBING WATER AND GAS PLAN - CAFE
1/4" = 1'-0"



① ENLARGED PLUMBING WASTE AND VENT PLAN - CAFE
1/4" = 1'-0"

PLUMBING PLAN NOTES:
 P2 PIPING ROUTED OVERHEAD AT STRUCTURE. ALL PIPING ABOVE MAIN DRIVE ISLES IN GARAGE TO BE MINIMUM 13'-4" ABOVE FINISHED FLOOR. SLOPE SANITARY AND STORM PIPING AS REQUIRED BY CODE. COORDINATE PIPE ROUTING WITH ALL OTHER DISCIPLINES.

PSW Job Number:
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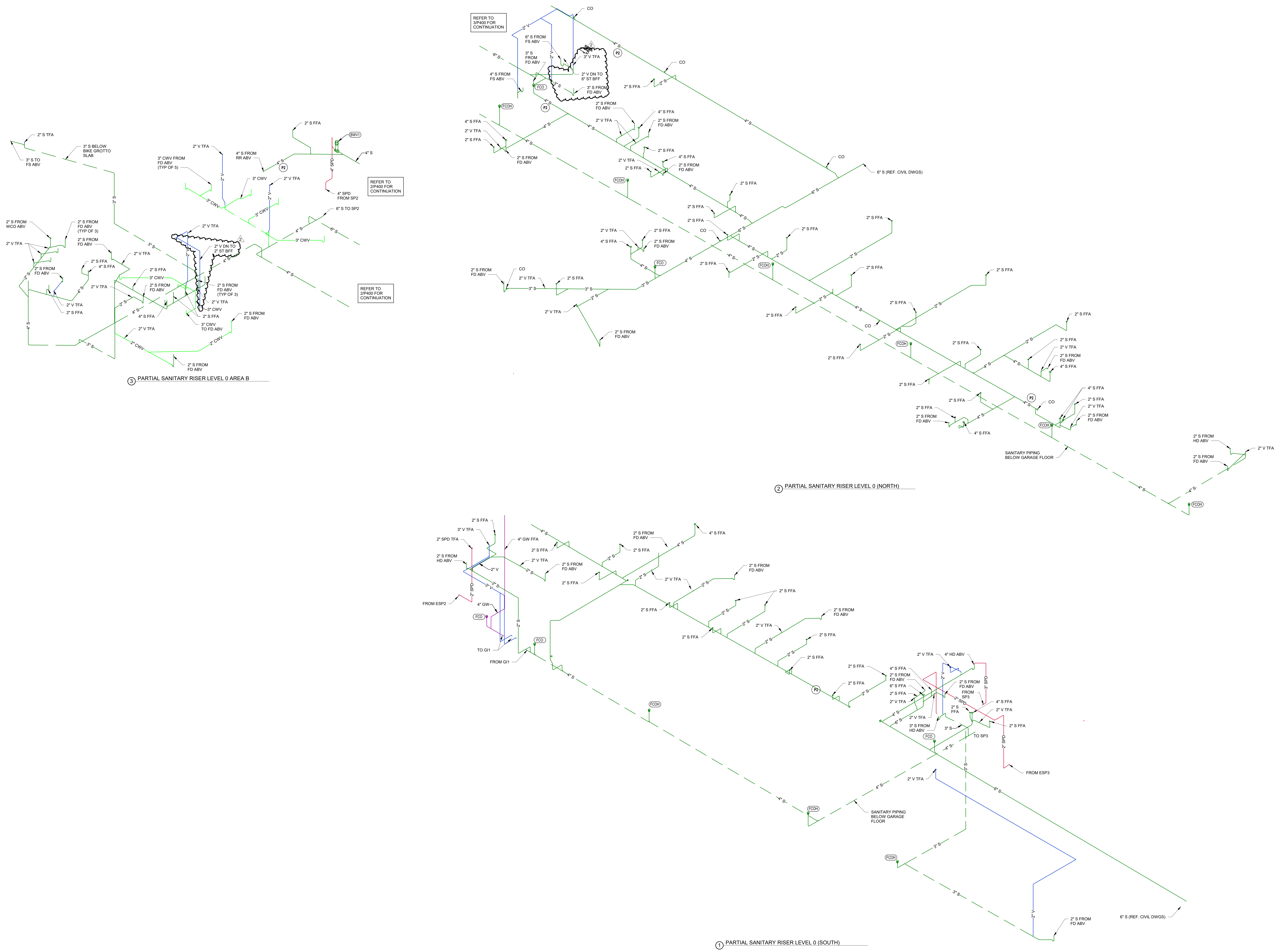
06/07/2023

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 Bentonville, AR

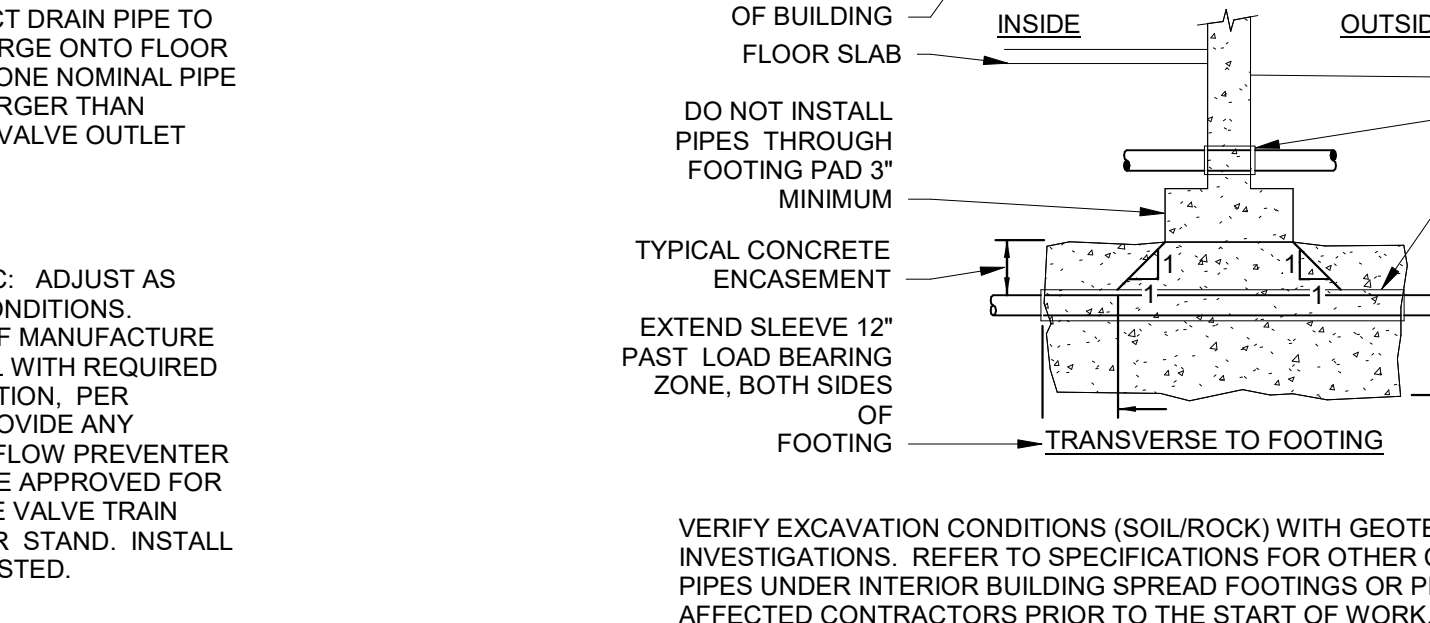
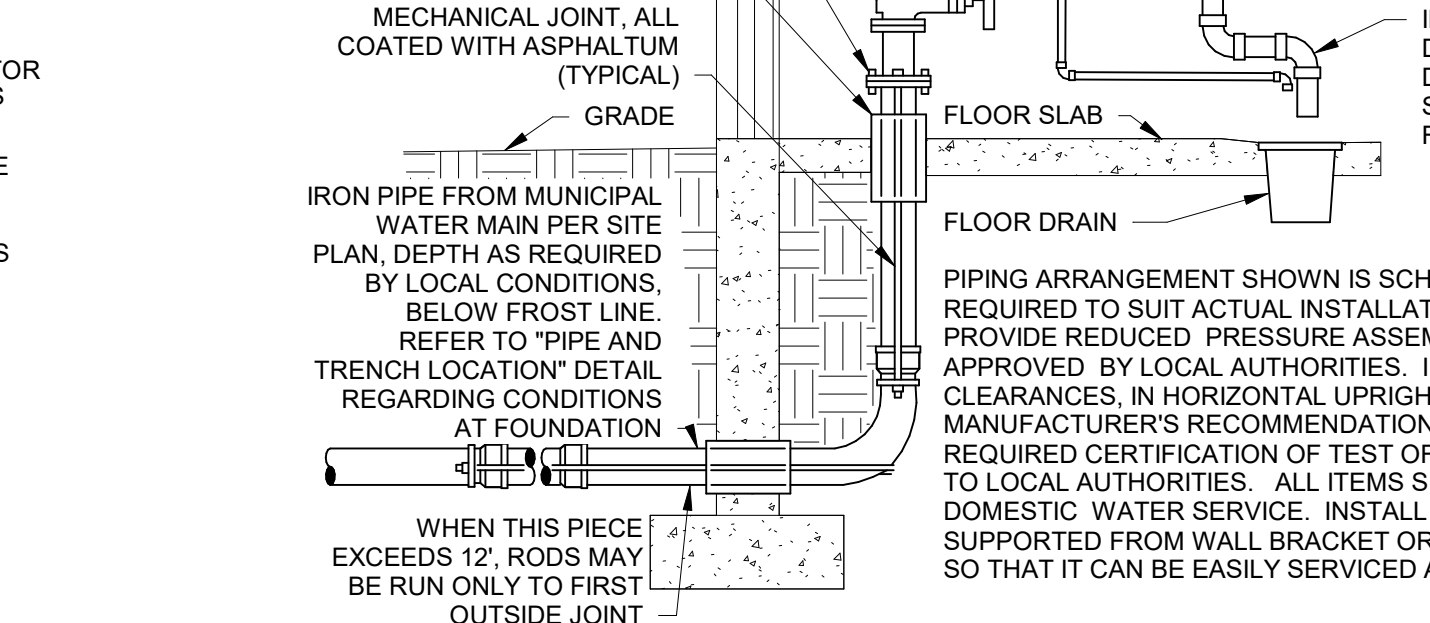
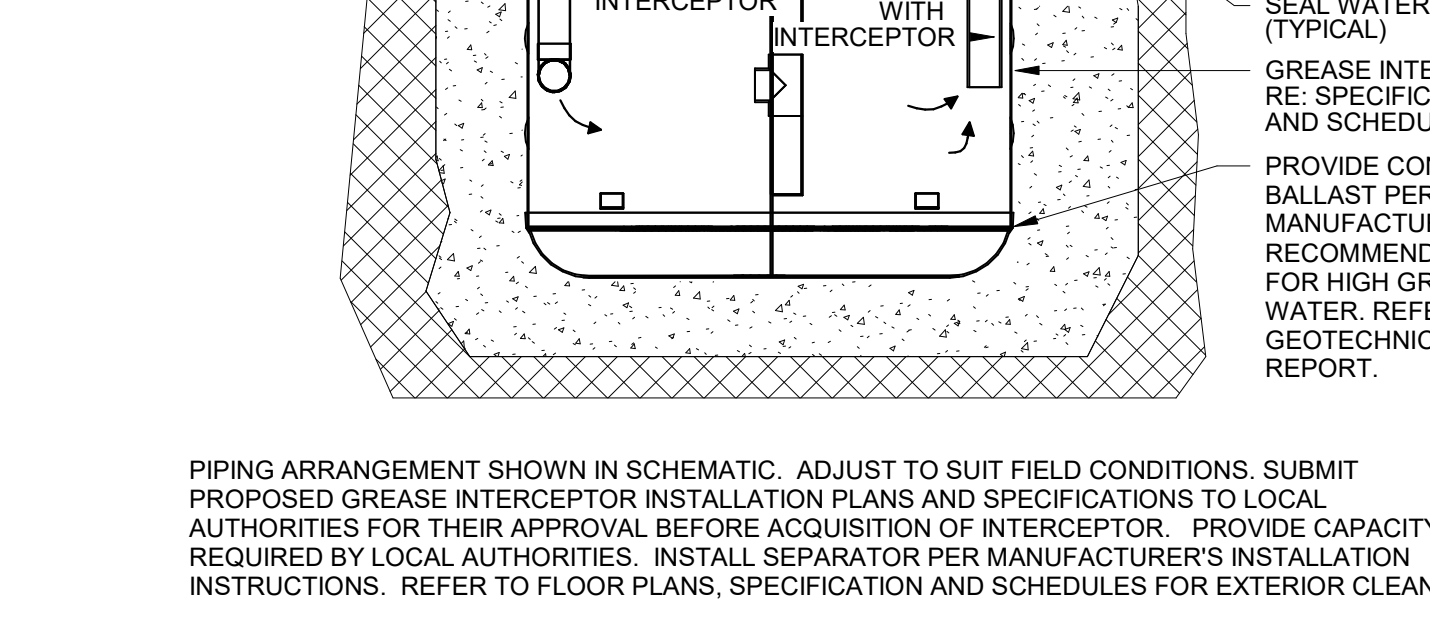
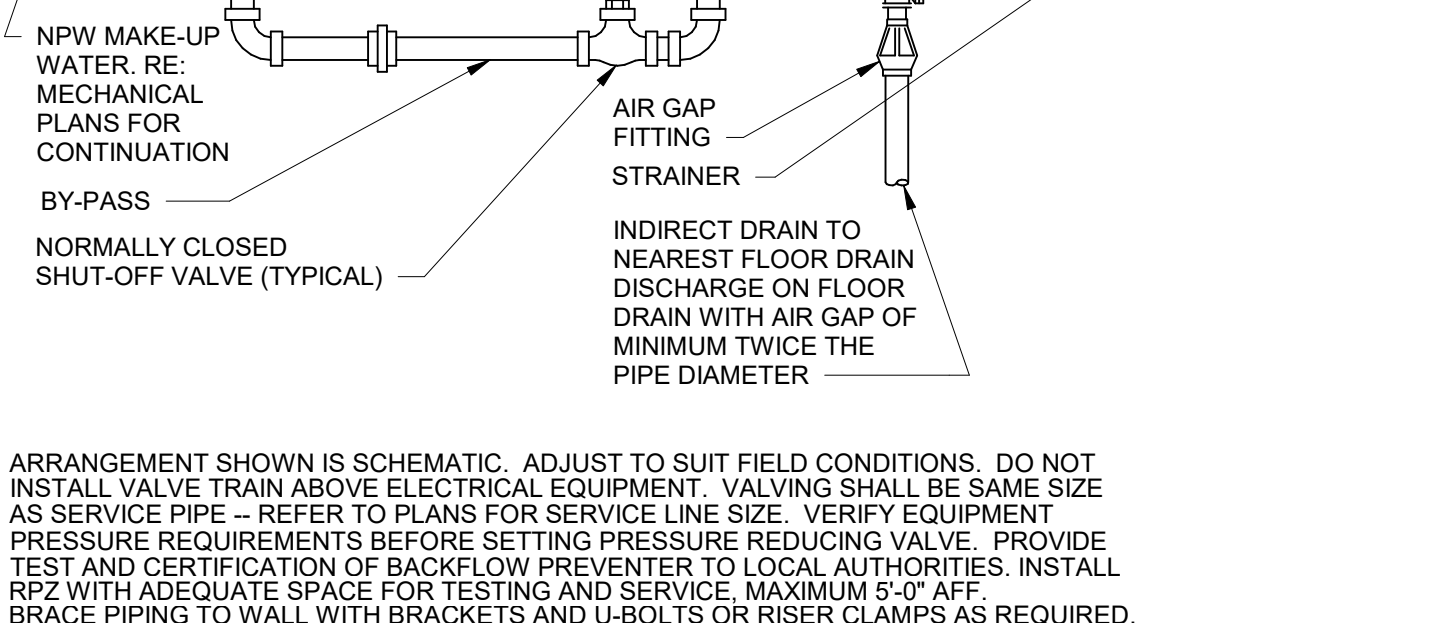
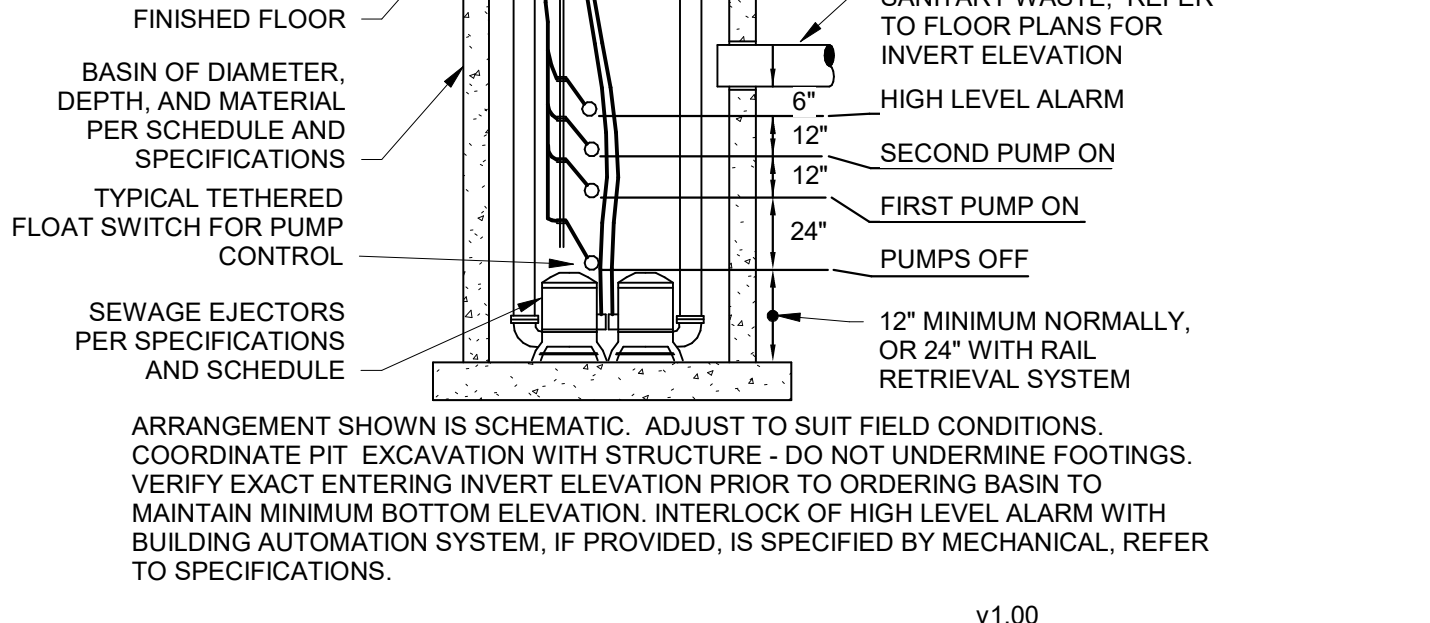
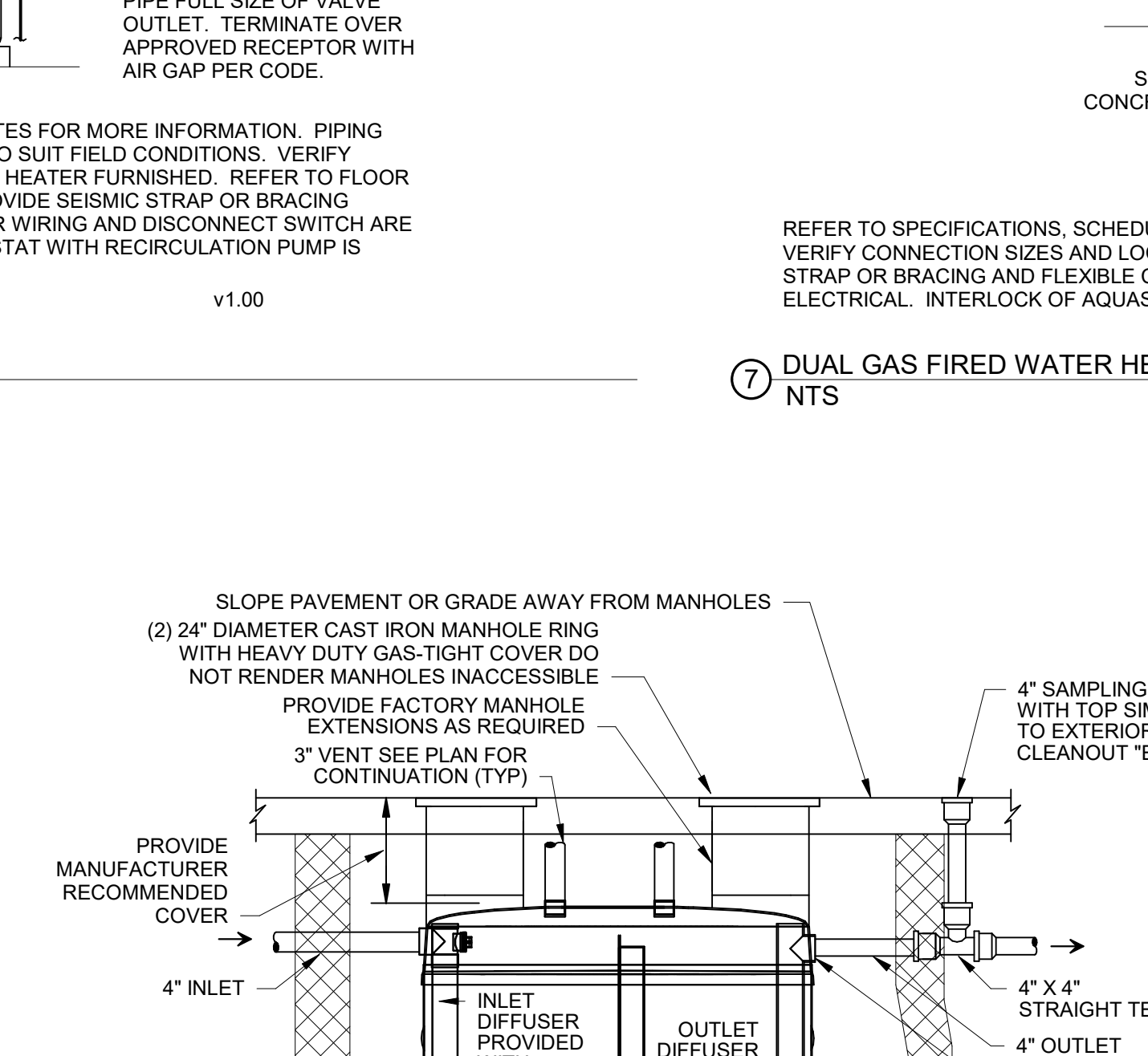
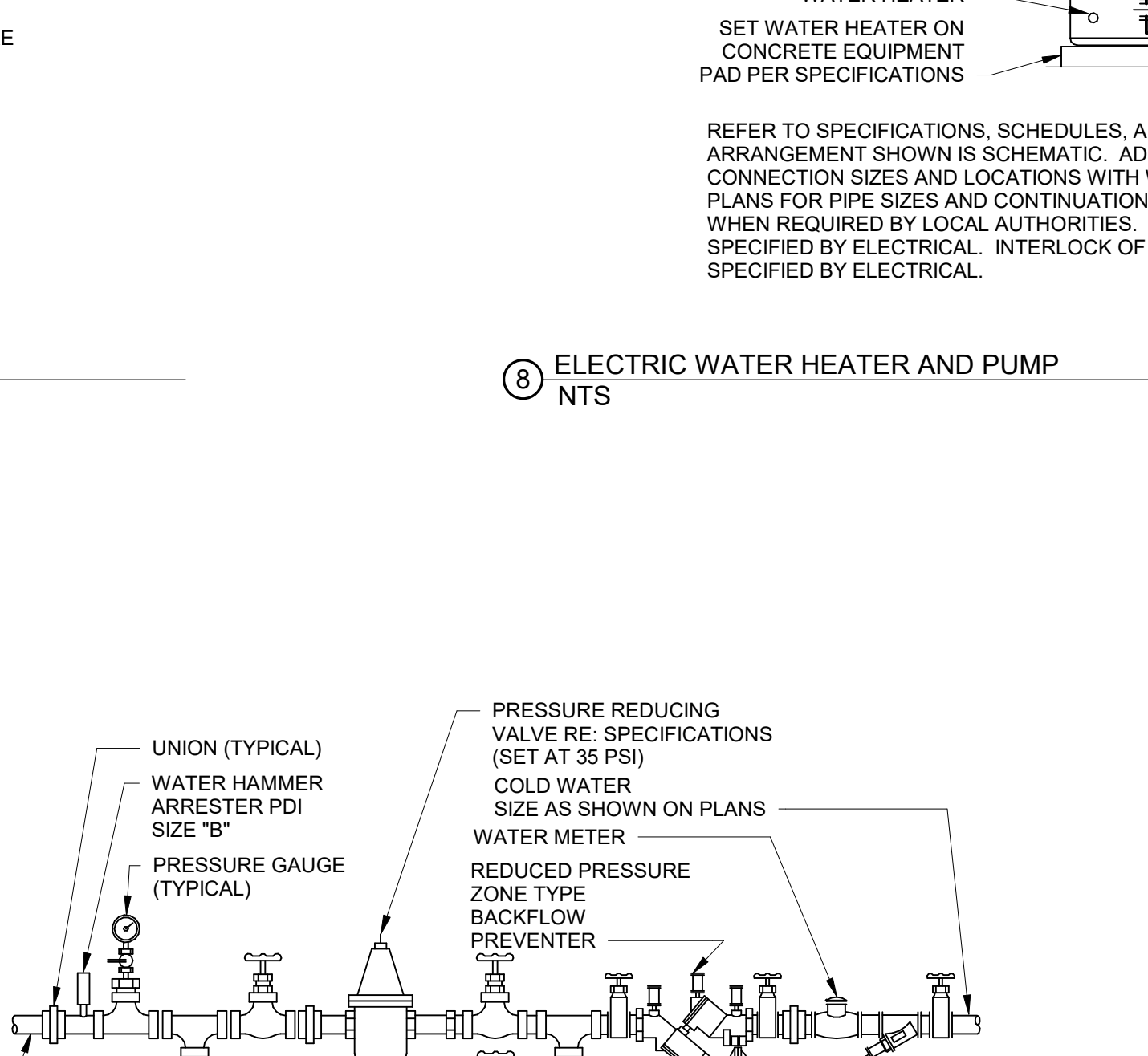
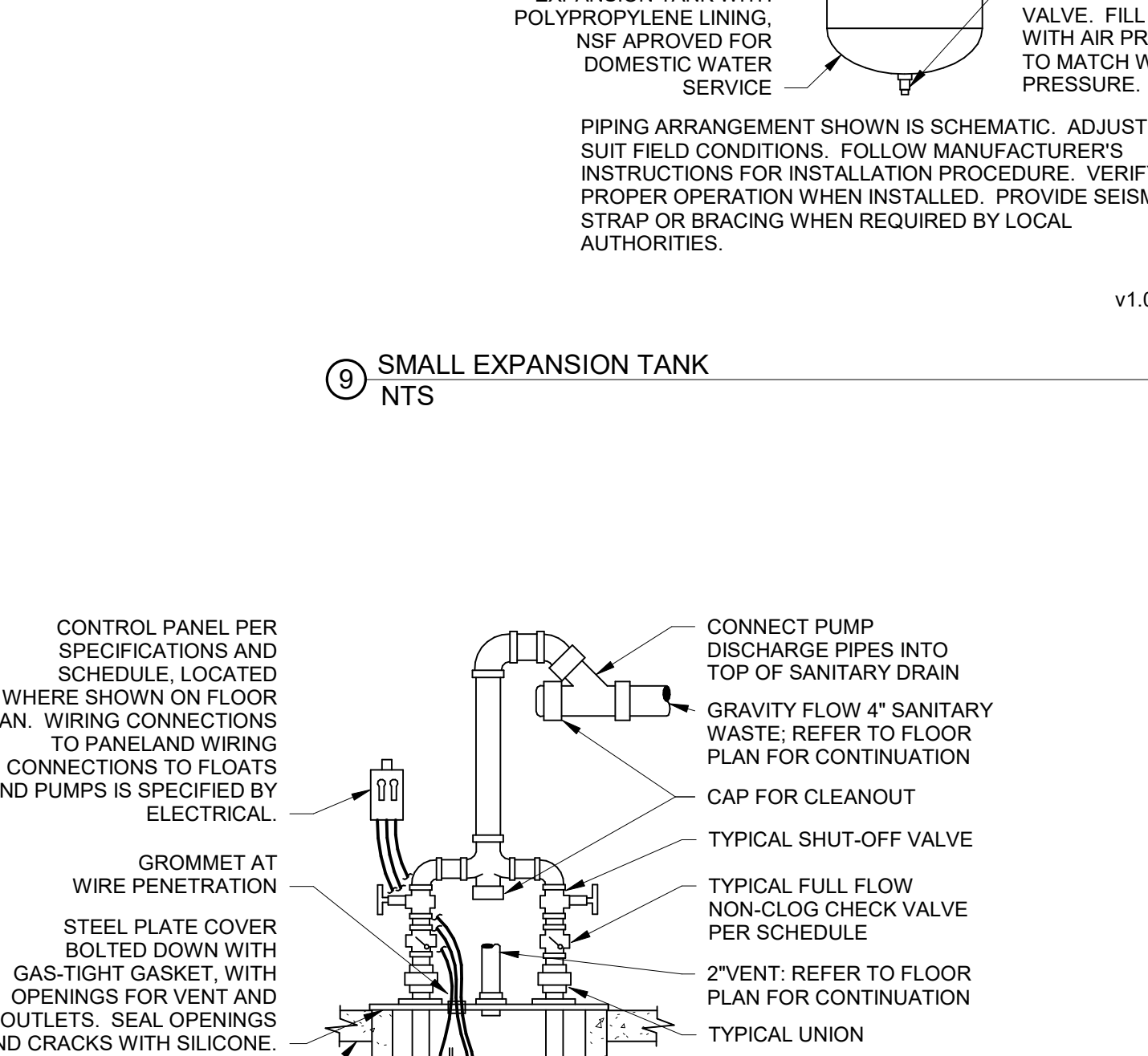
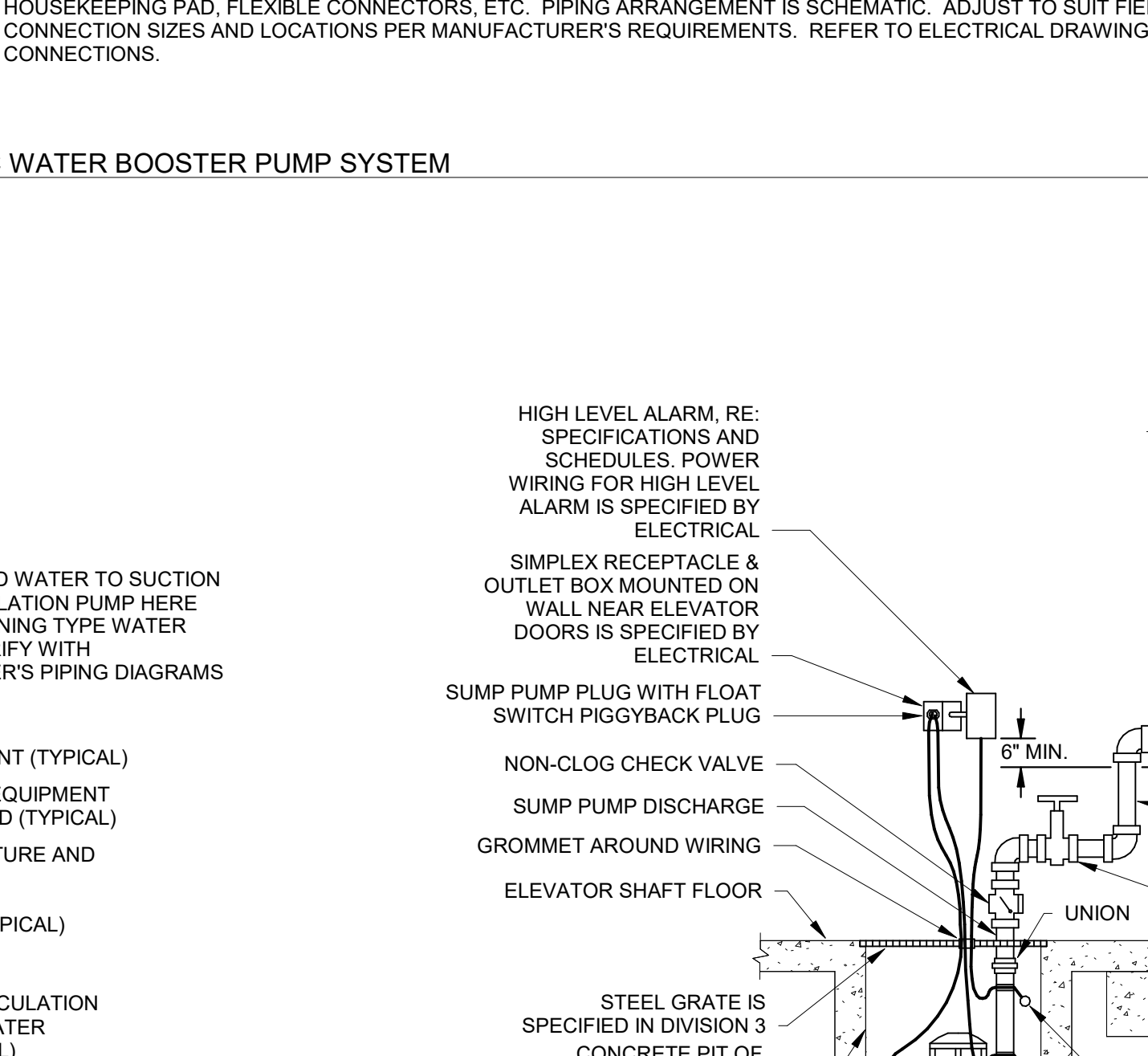
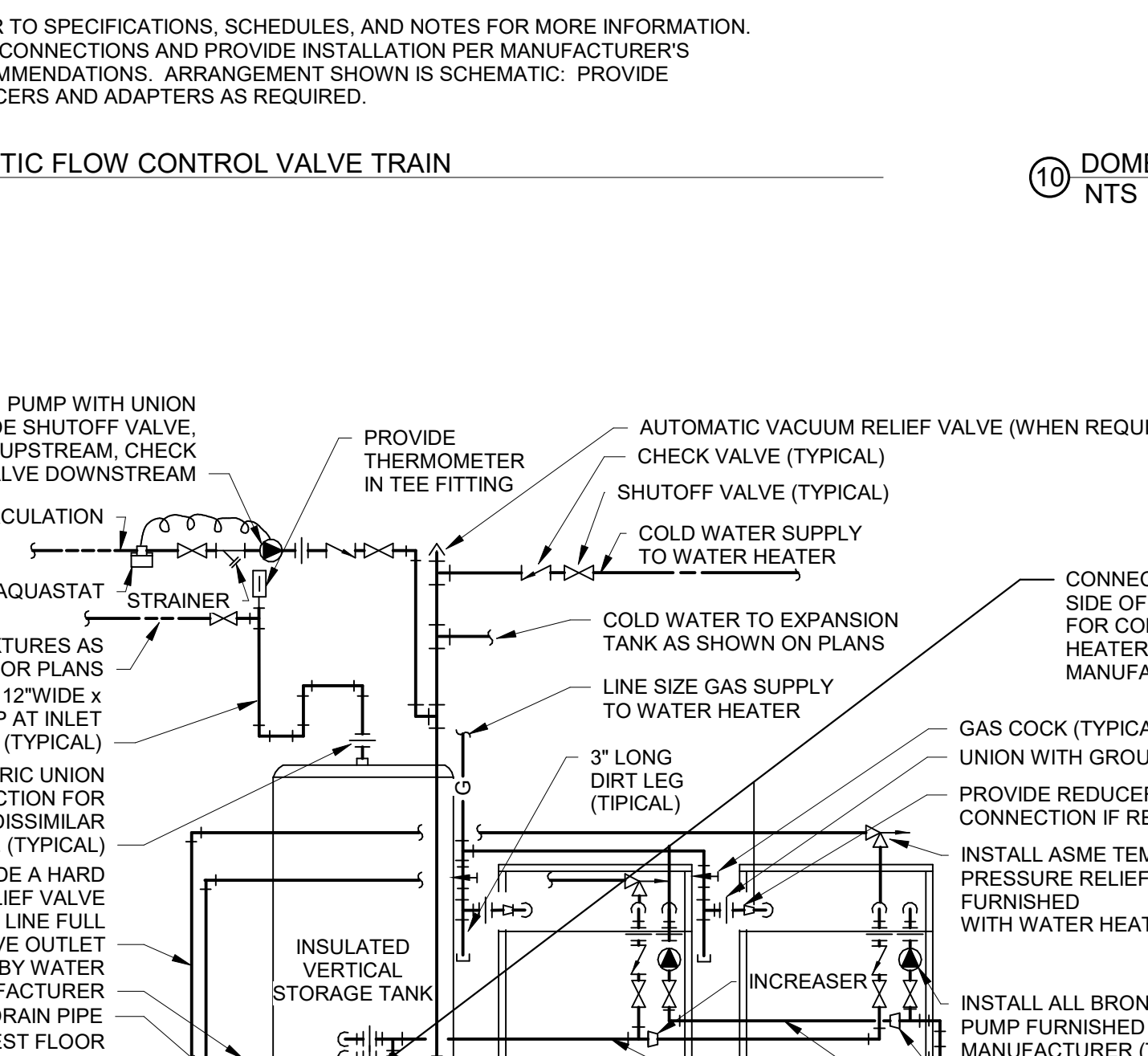
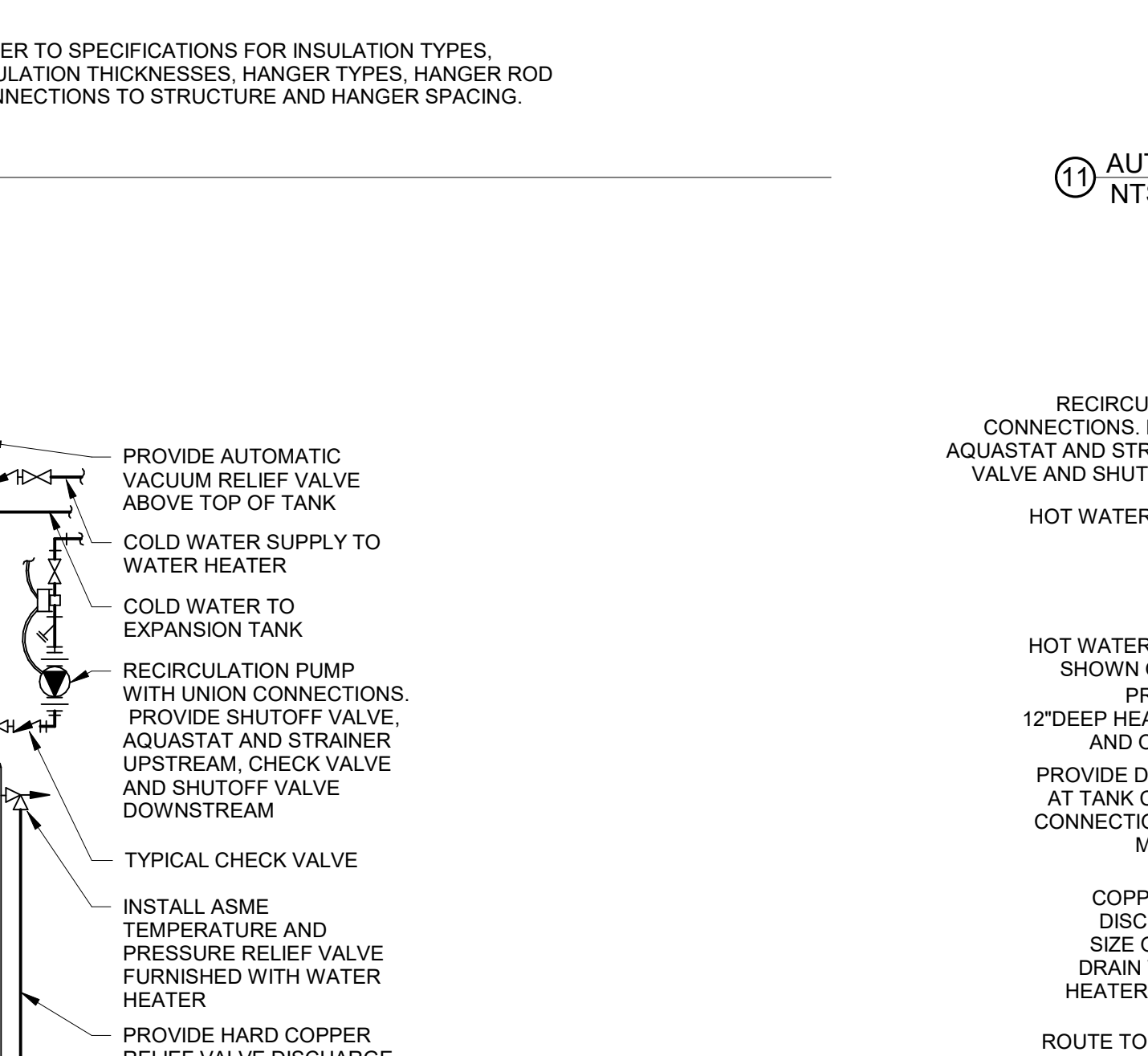
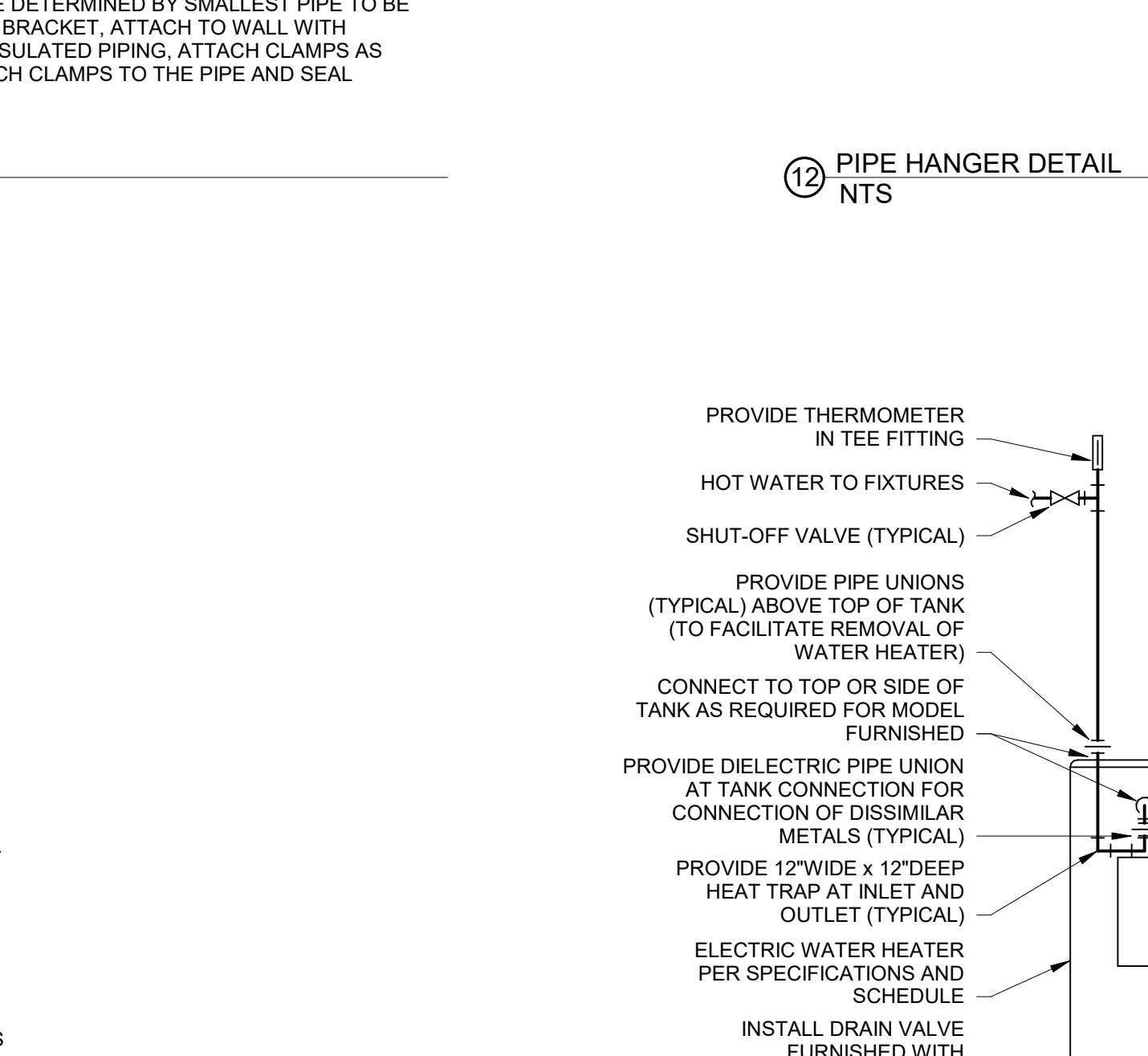
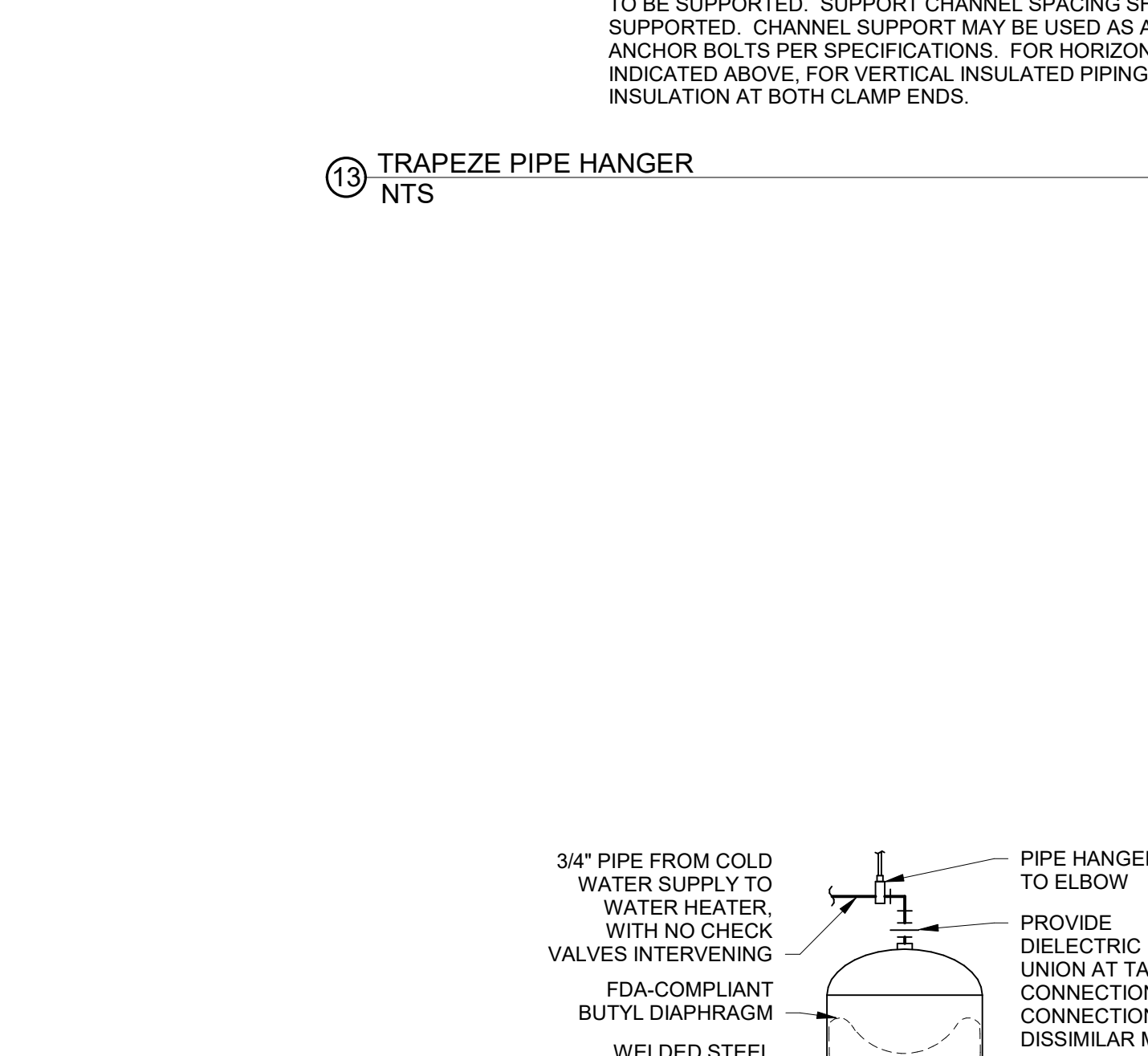
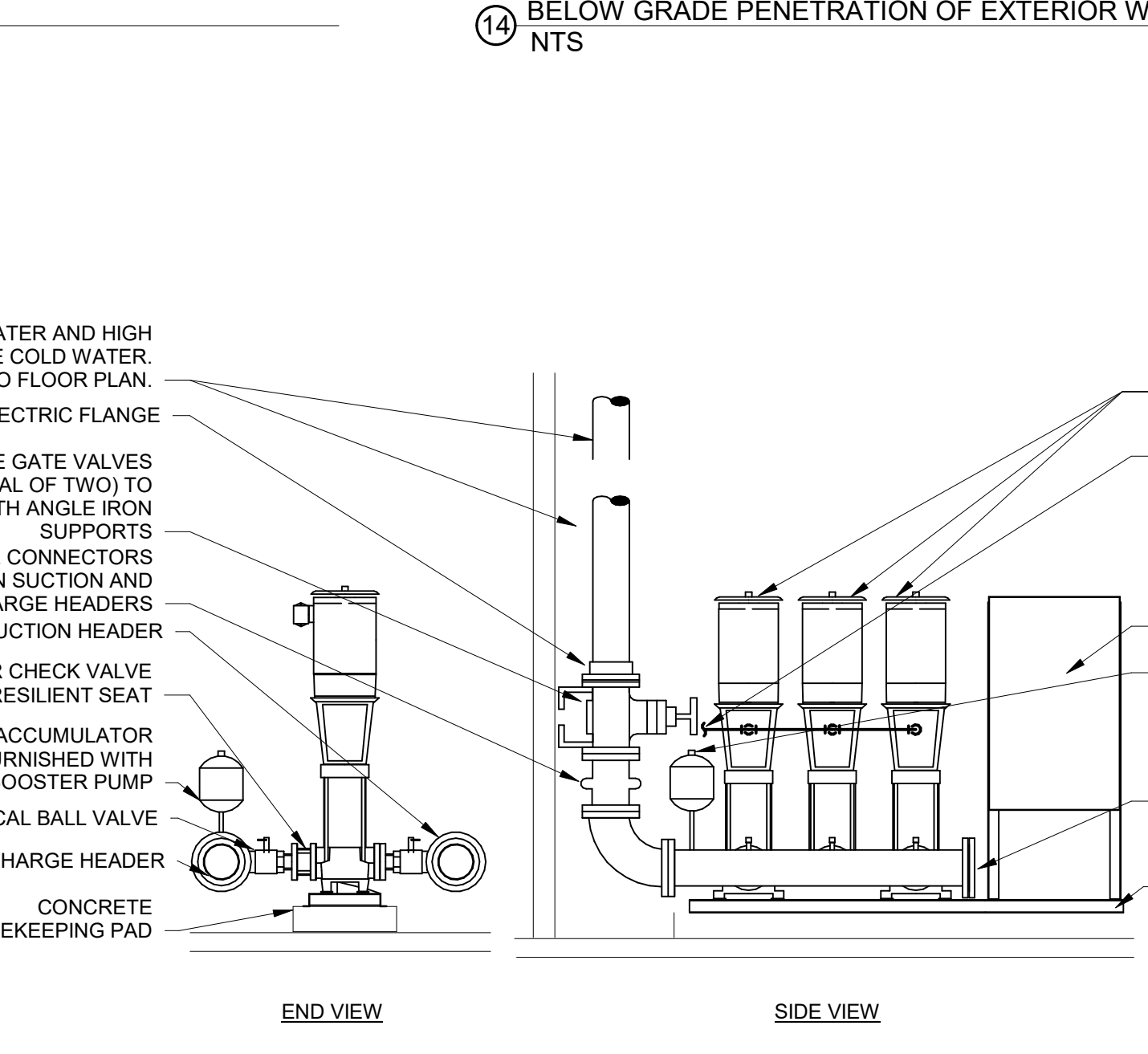
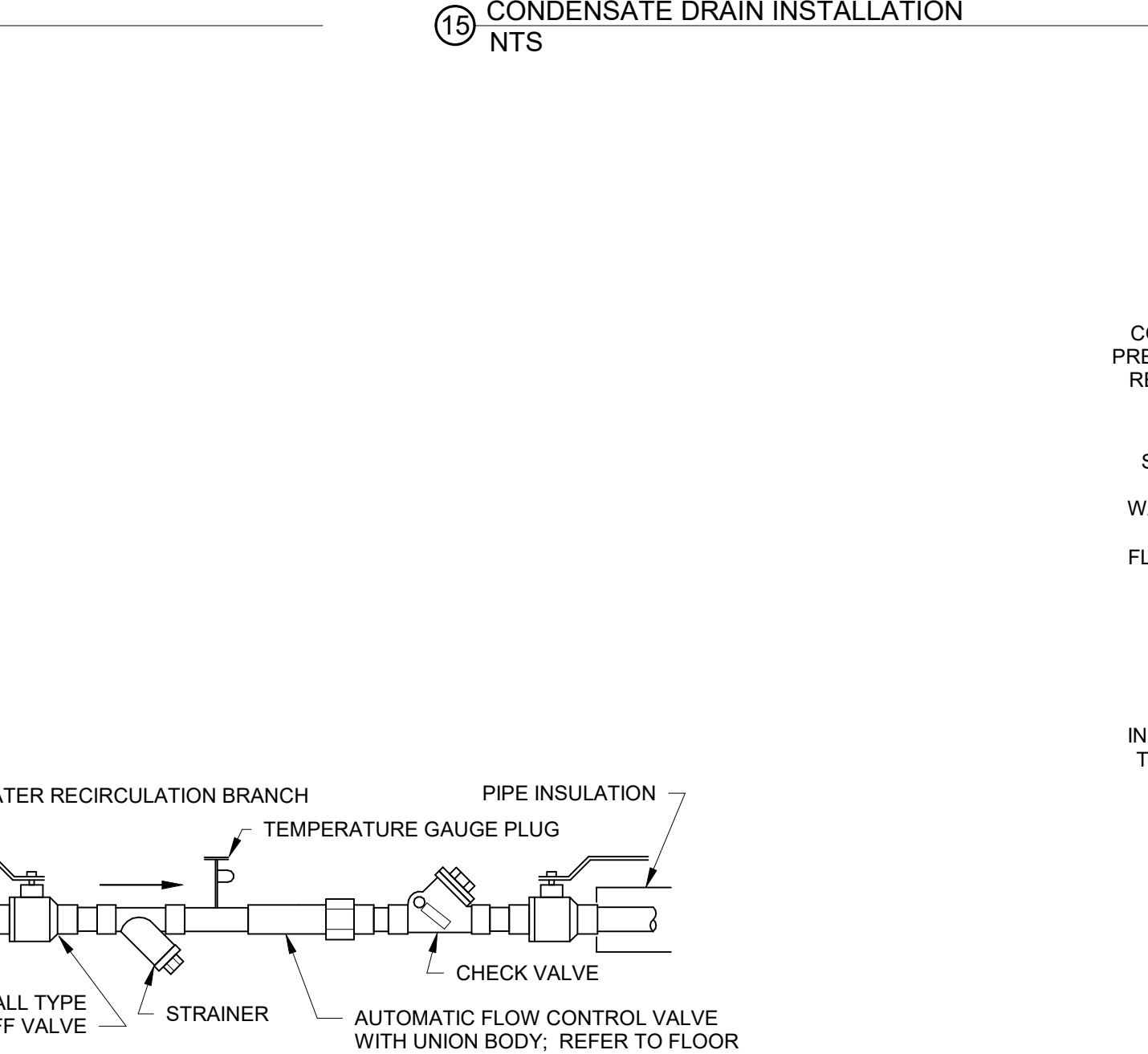
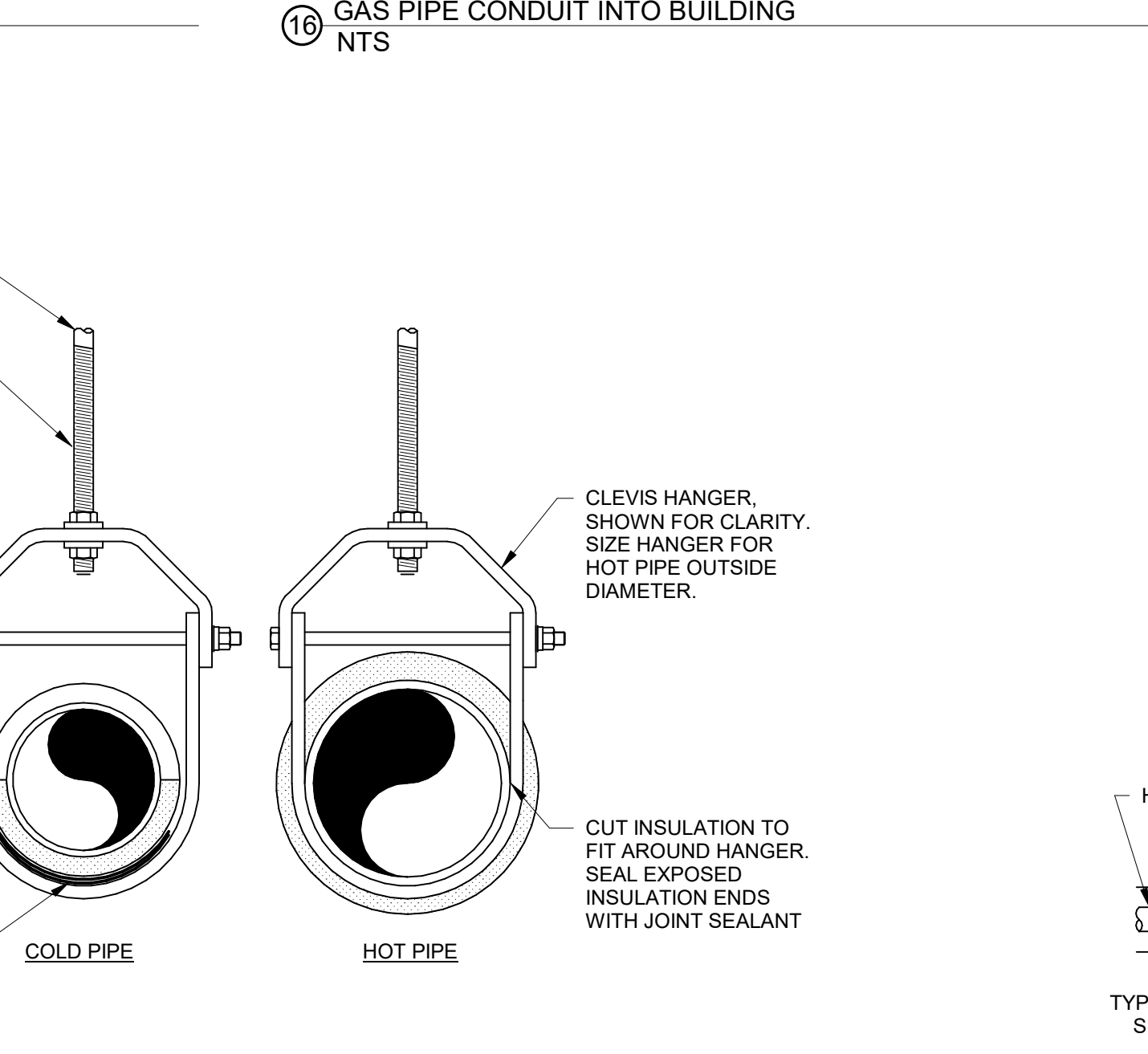
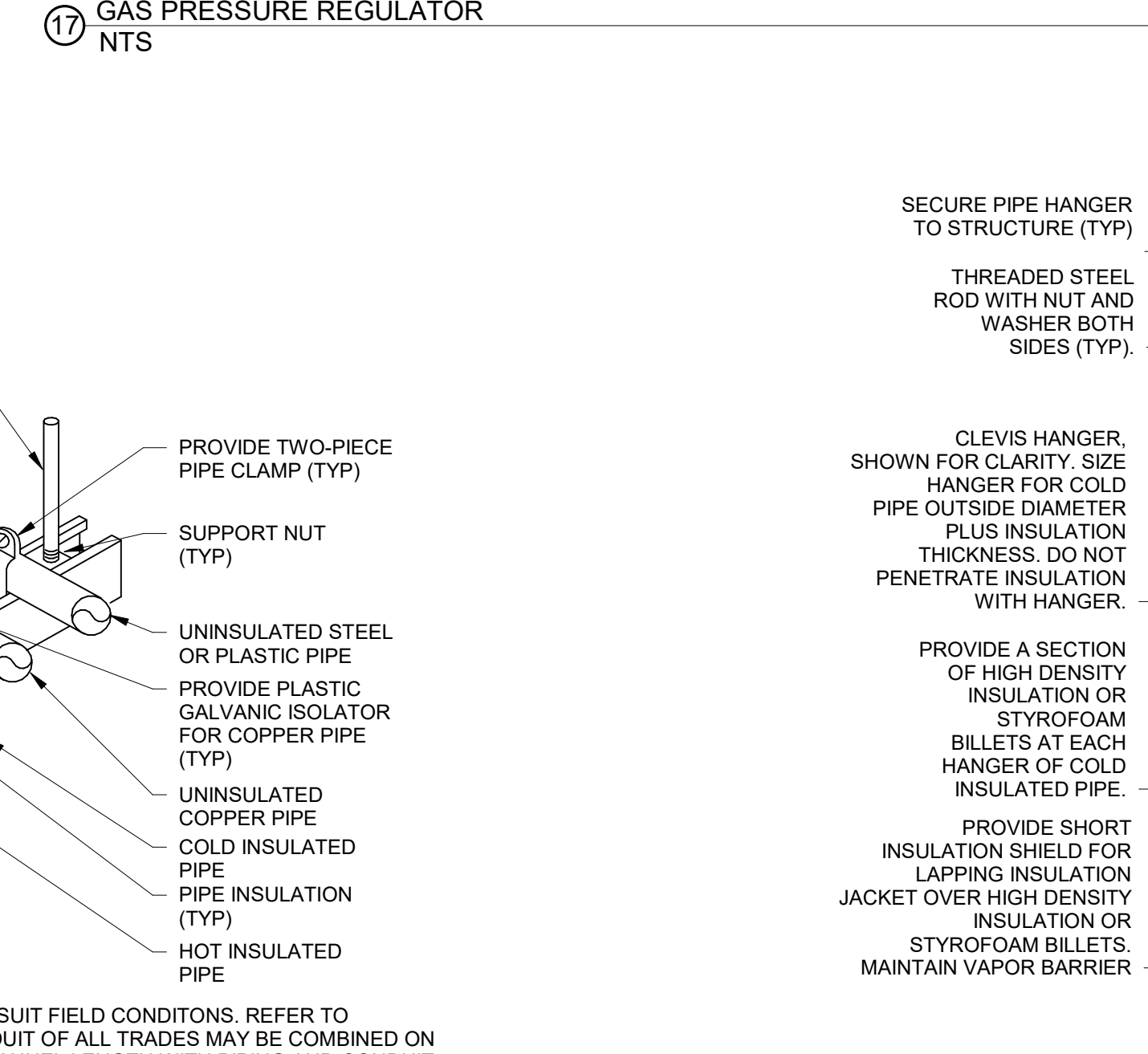
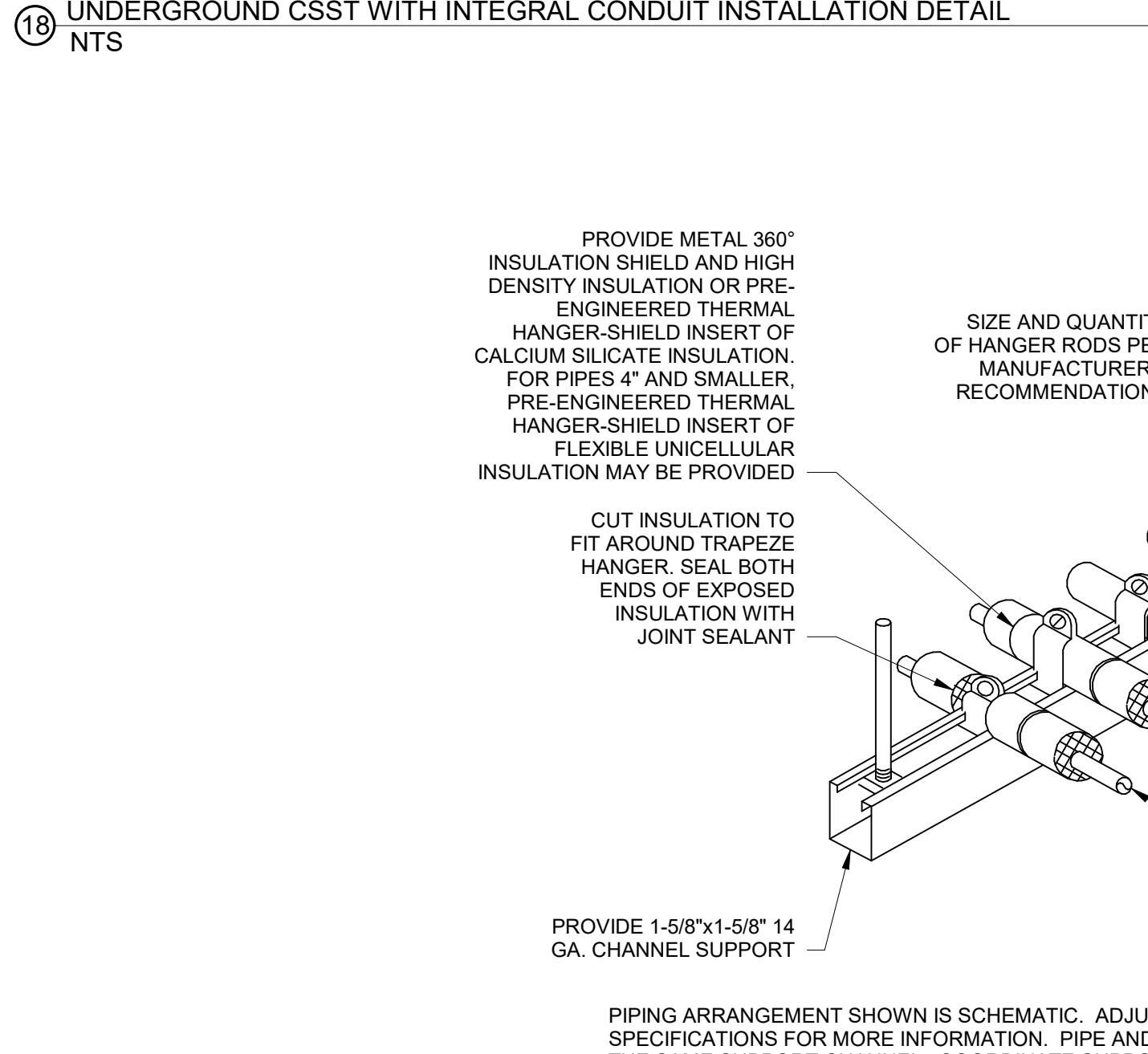
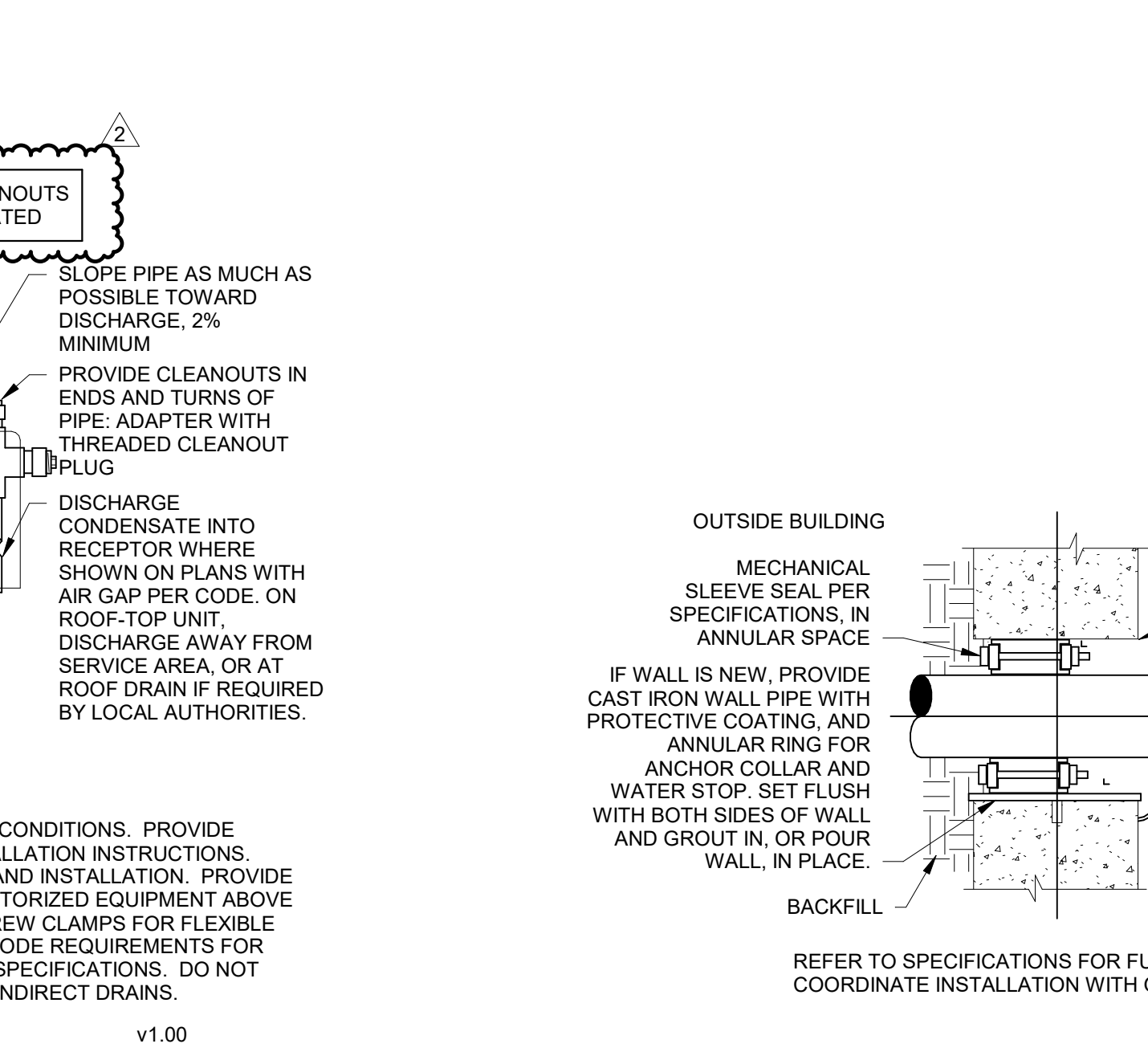
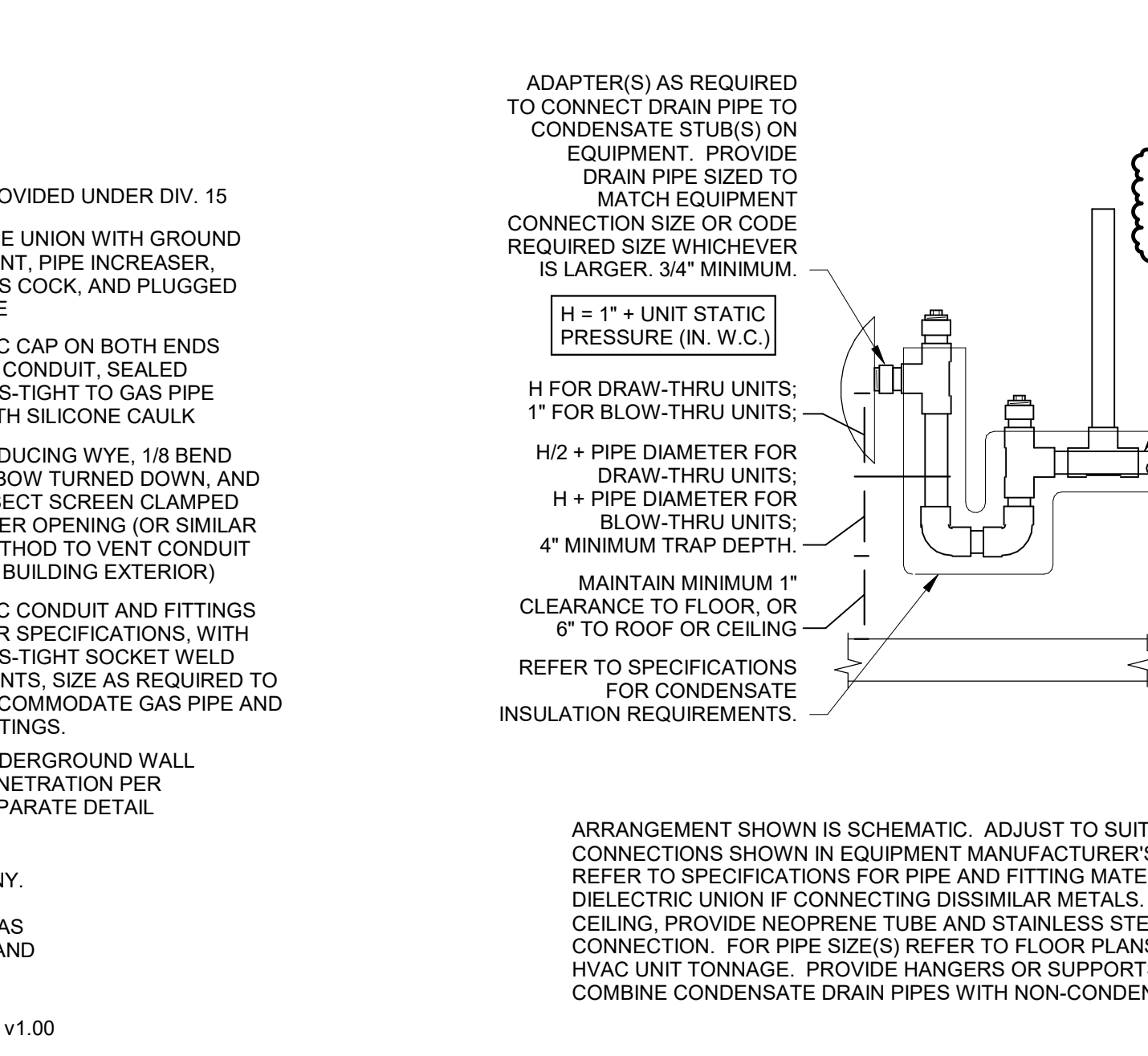
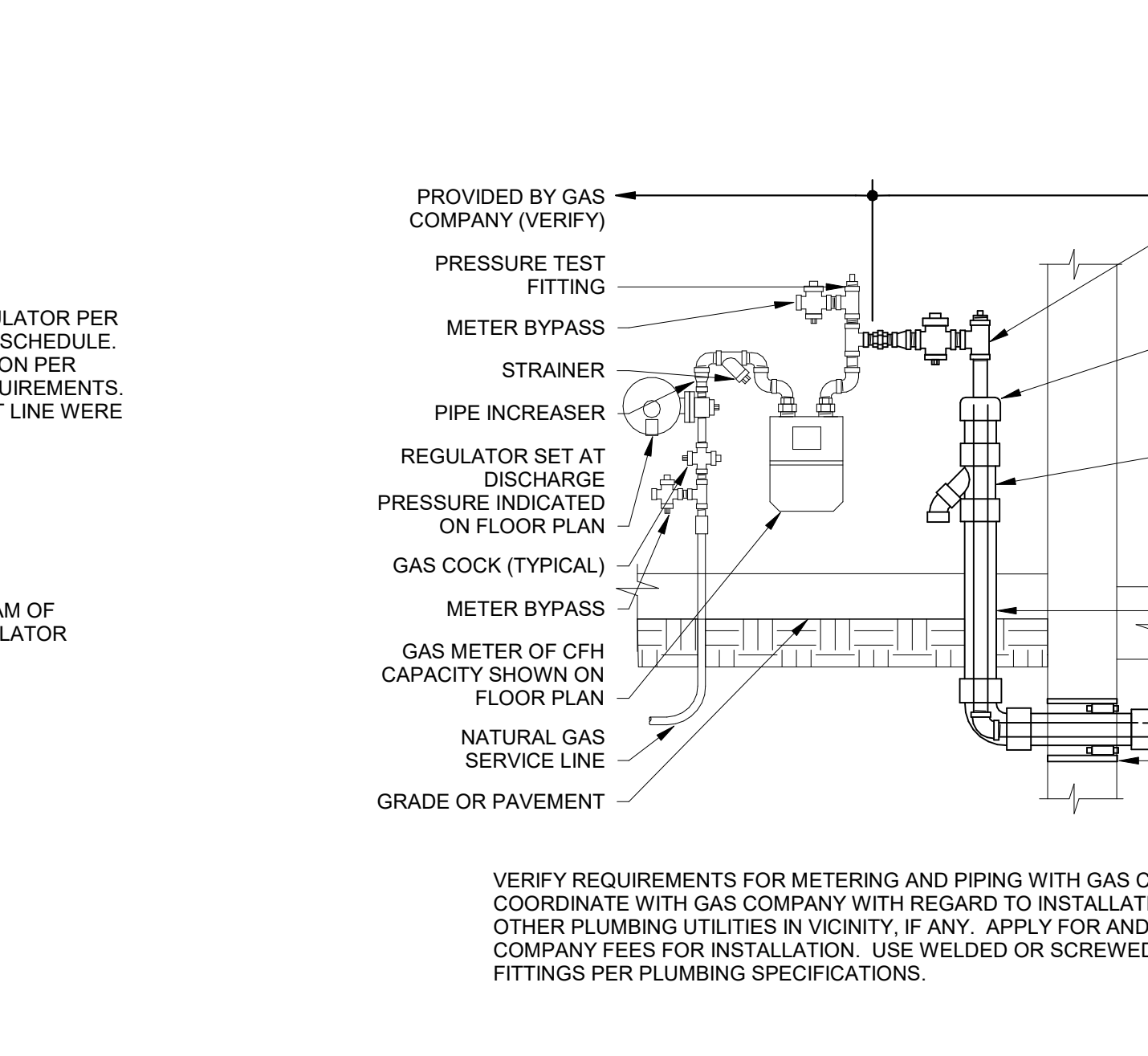
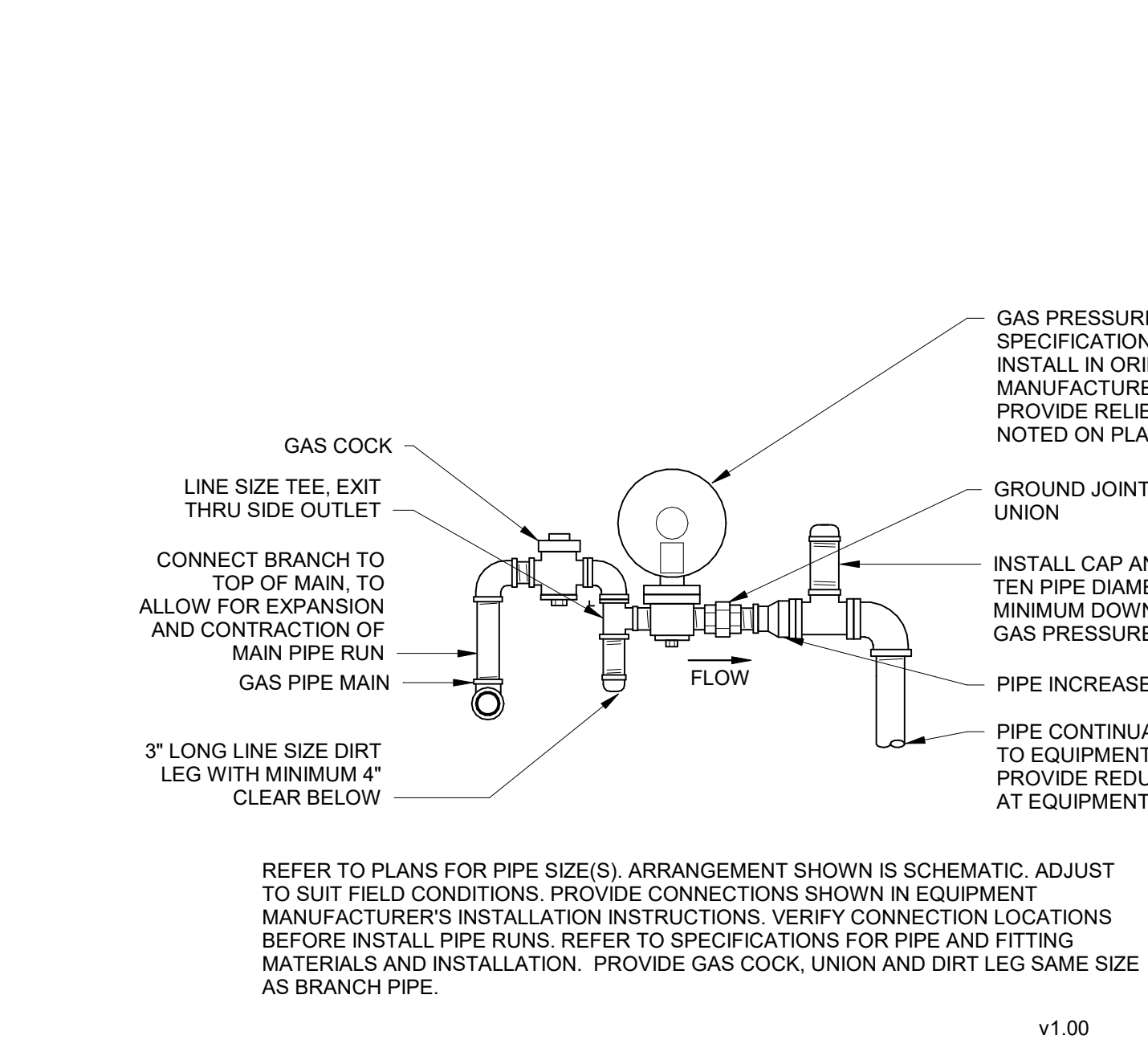
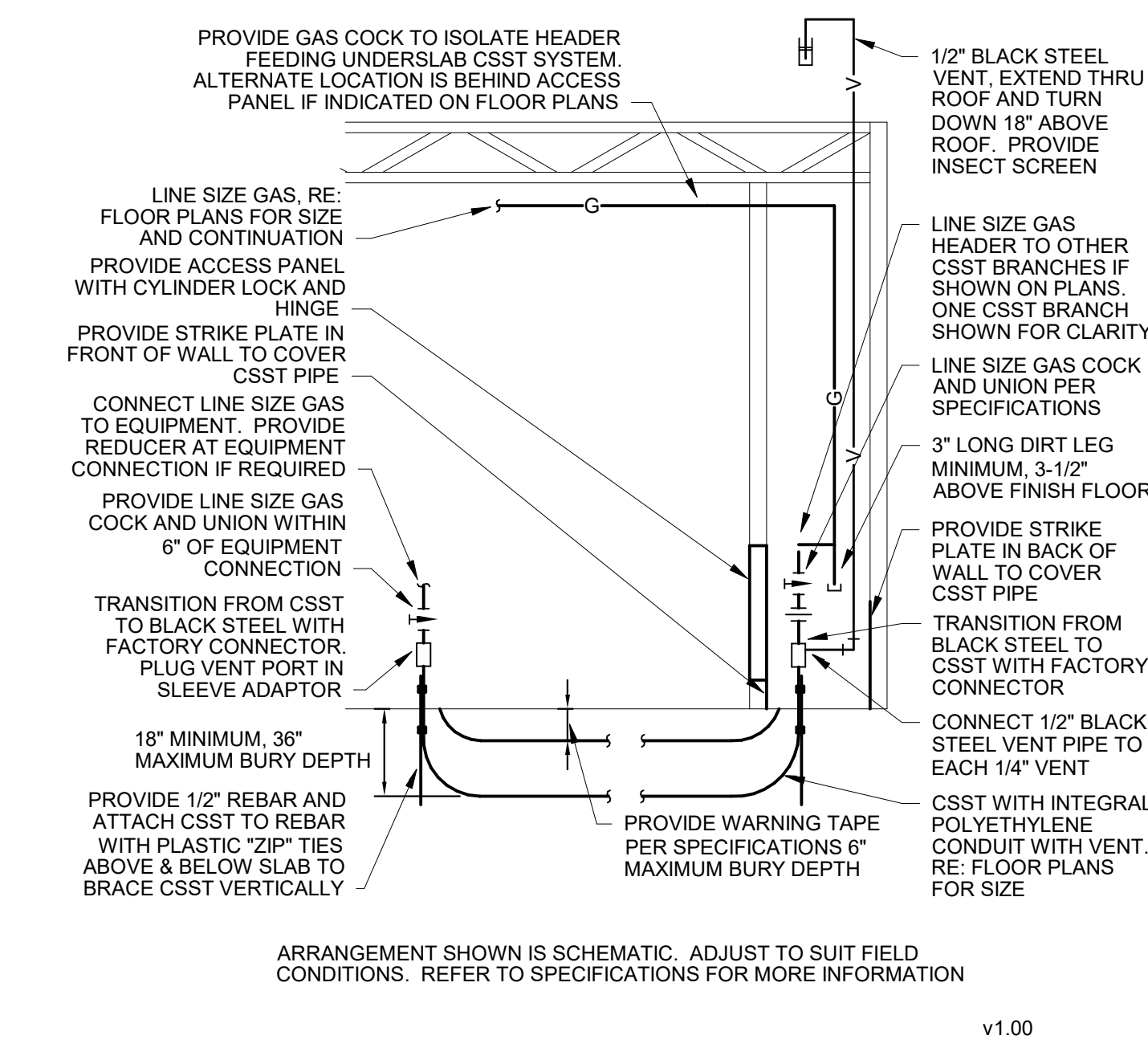
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02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2

Contents:
PLUMBING RISER DIAGRAMS



ENTIRE SHEET
 UPDATED





REVISIONS
NUMBER DATE DESCRIPTION
1 03/29/23 Addition 2
2 06/23/23 Addition 2

PLUMBING FIXTURE SCHEDULE

Table with columns: PLUMBING PLAN MARK, DESCRIPTION, and NOTES. Includes items like NON-FREEZE WALL HYDRANT, OVERFLOW ROOF DRAIN, and OVERFLOW ROOF DRAIN.

PLUMBING FIXTURE SCHEDULE

Table with columns: PLUMBING PLAN MARK, DESCRIPTION, and NOTES. Includes items like AIR ADMITTANCE VALVE, DUCTILE IRON CLEAN OUT, and PARKING DECK DRAIN.

DOMESTIC BOOSTER PUMP SCHEDULE

Table with columns: MARK, SERVICE, MANUFACTURER / MODEL #, TYPE, DISCHARGE HEAD, SUCTION HEAD, NUMBER OF PUMPS, SYSTEM FLOW, INDIVIDUAL PUMP, SUCTION HEAD, DISCHARGE HEAD, ELECTRICAL DATA, ACCUMULATOR, WEIGHT, and NOTES.

IRRIGATION BOOSTER PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, DISCHARGE HEAD, SUCTION HEAD, NUMBER OF PUMPS, SYSTEM FLOW, INDIVIDUAL PUMP, SUCTION HEAD, DISCHARGE HEAD, ELEC. and NOTES.

WATER FILTER SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, SERVICE FLOW RATE, TYPE, CONNECTIONS, OPERATING WEIGHT, and NOTES.

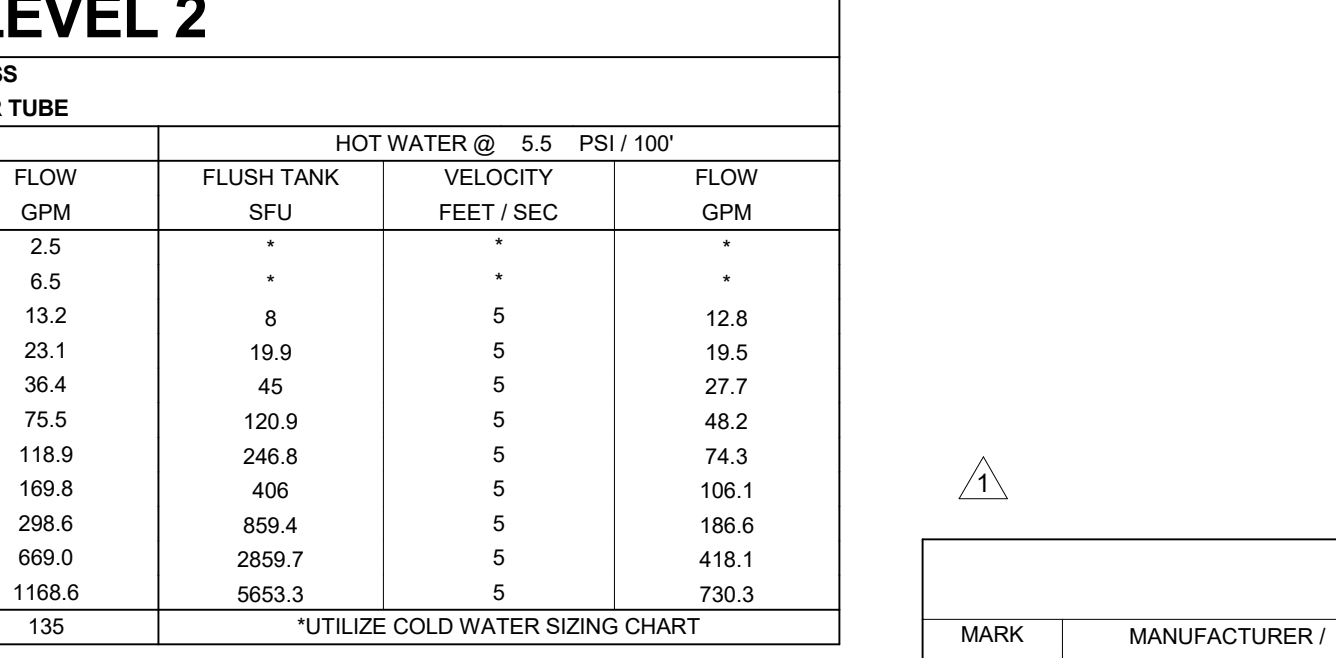
WATER HEATER GAS COPPER FIN TUBE SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, INPUT, ELECTRICAL REQUIREMENTS, THERMAL EFFICIENCY, RECOVERY, WEIGHT, and NOTES.

UV DISINFECTON

Table with columns: QUANTITY, CONTROLLER, TWS, TFS, CONNECTIONS, ELECTRICAL, and NOTES.

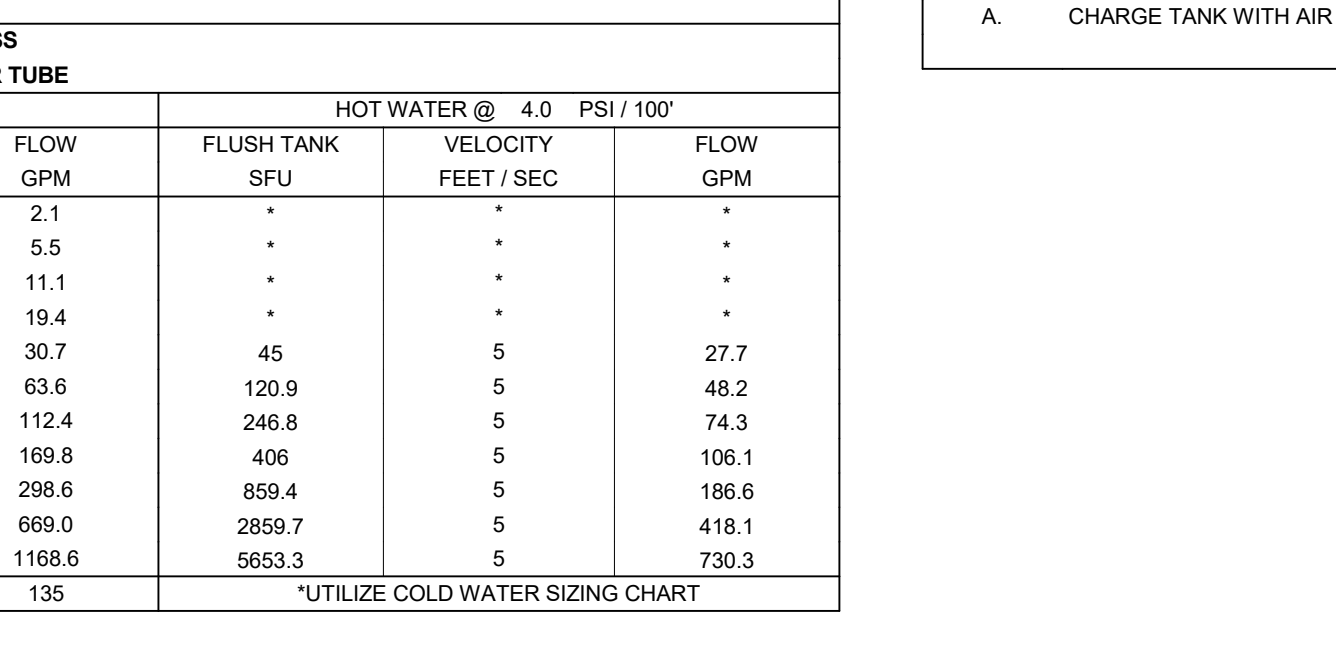
WATER PIPE SIZING CHART (IPC)



EXPANSION TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TANK SIZE, AIR PRESSURE, SERVICE, WEIGHT, and NOTES.

WATER PIPE SIZING CHART (IPC)



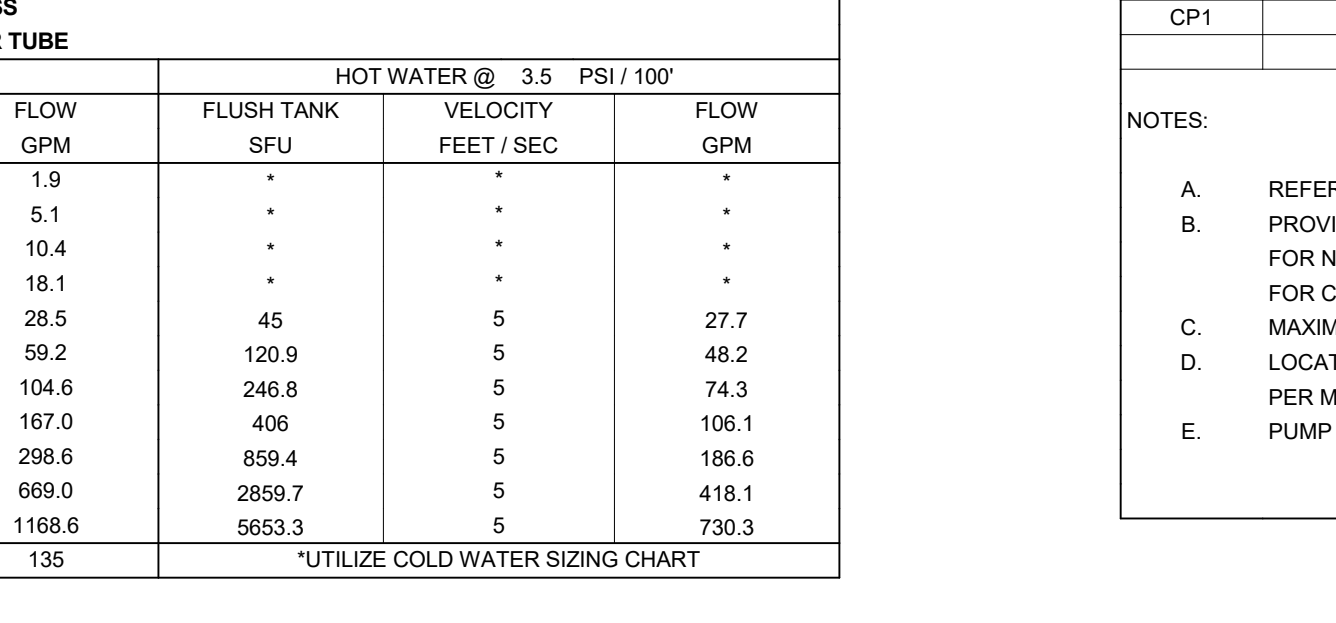
ASME EXPANSION TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TANK SIZE, ACCUMULATOR, AIR PRESSURE, SERVICE, WEIGHT, and NOTES.

HOT WATER STORAGE TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE, WEIGHT, and NOTES.

WATER PIPE SIZING CHART (IPC)



CONDENSATE PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, STORAGE, and NOTES.

ELECTRIC STORAGE WATER HEATER SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE, ELECTRICAL DATA, RECOVERY, WEIGHT, and NOTES.

TOTAL CONNECTED NATURAL GAS LOAD

Table with columns: EQUIPMENT DESIGNATION, DESCRIPTION, and CPH (EACH).

RECIRCULATION PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, GPM, HEAD, CONNECTION, IMPELLER, ELECTRICAL, and NOTES.

GAS PRESSURE REGULATOR SCHEDULE FOR 2 PSI SYSTEMS

Table with columns: MARK, MANUFACTURER / MODEL #, VALVE, VALVE BODY, MAX FLOW, INLET PRESSURE, OUTLET PRESSURE, SERVICE, and NOTES.

ELEVATOR SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, GARAGE, HEAD, DISCHARGE, ELECTRICAL, and NOTES.

PIPE HEAT TRACE SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TOTAL LENGTH, NUMBER OF CIRCUITS, TEMPERATURE SETTINGS, and ELECTRICAL.

HEAT TRACE CONTROL PANEL SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, DEVICE SERVED, TRACE QUANTITY, WATTS, VOLTS, PHASE, and NOTES.

PLUMBING FIXTURE SCHEDULE

Table with columns: PLUMBING PLAN MARK, DESCRIPTION, and NOTES. Includes items like NON-FREEZE WALL HYDRANT, OVERFLOW ROOF DRAIN, and OVERFLOW ROOF DRAIN.

ELEVATOR SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, GARAGE, HEAD, DISCHARGE, ELECTRICAL, and NOTES.

PLUMBING FIXTURE SCHEDULE

Table with columns: PLUMBING PLAN MARK, DESCRIPTION, and NOTES. Includes items like AIR ADMITTANCE VALVE, DUCTILE IRON CLEAN OUT, and PARKING DECK DRAIN.

EXPANSION TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TANK SIZE, AIR PRESSURE, SERVICE, WEIGHT, and NOTES.

WATER HEATER GAS COPPER FIN TUBE SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, INPUT, ELECTRICAL REQUIREMENTS, THERMAL EFFICIENCY, RECOVERY, WEIGHT, and NOTES.

HOT WATER STORAGE TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE, WEIGHT, and NOTES.

CONDENSATE PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, STORAGE, and NOTES.

ELECTRIC STORAGE WATER HEATER SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE, ELECTRICAL DATA, RECOVERY, WEIGHT, and NOTES.