

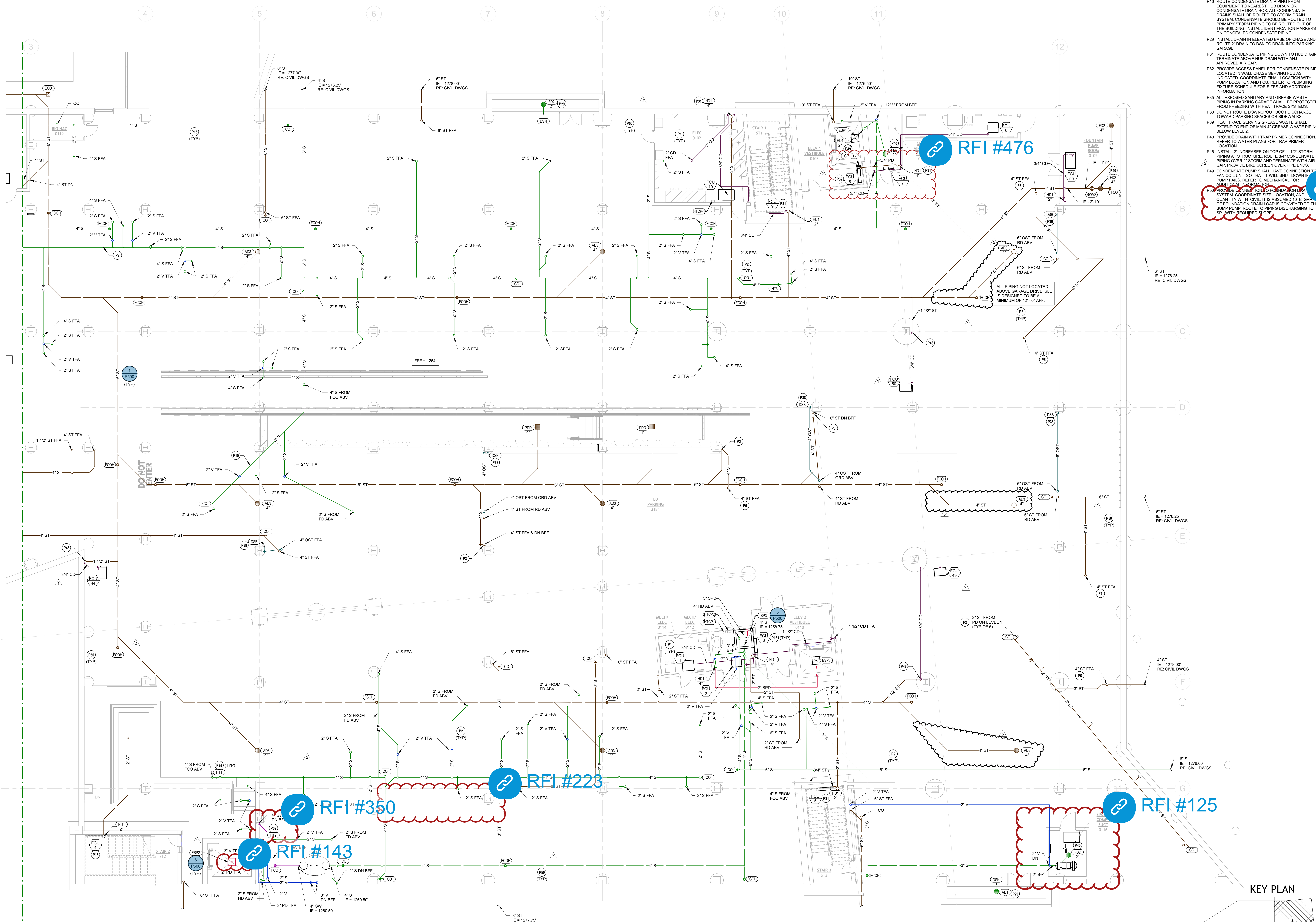
07/19/2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	ADDENDUM 1
2	06.28.23	ADDENDUM 2
3	07.18.23	REVISED

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



- 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).
 - P15 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD SERVING 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.
 - 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 GAP.
 - 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" INCREASER ON TOP OF 1-1/2" STORM PIPING AT STRUCTURE. ROUTE 3/4" CONDENSATE PIPING OVER 2" STORM AND TERMINATE WITH AIR GAP. PROVIDE BIRD SCREEN OVER PIPE ENDS.
 - P49 CONDENSATE PUMP SHALL HAVE CONNECTION TO FAN COIL UNIT SO THAT IT WILL SHUT DOWN IN PUMP FAILURE. 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 PUMP DISCHARGING TO SD WITH SLOPED PIPE.



RFI #223

RFI #350

RFI #143

RFI #476

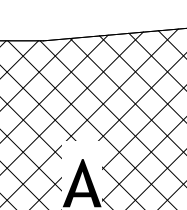
RFI #01

RFI #223

RFI #125

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

KEY PLAN



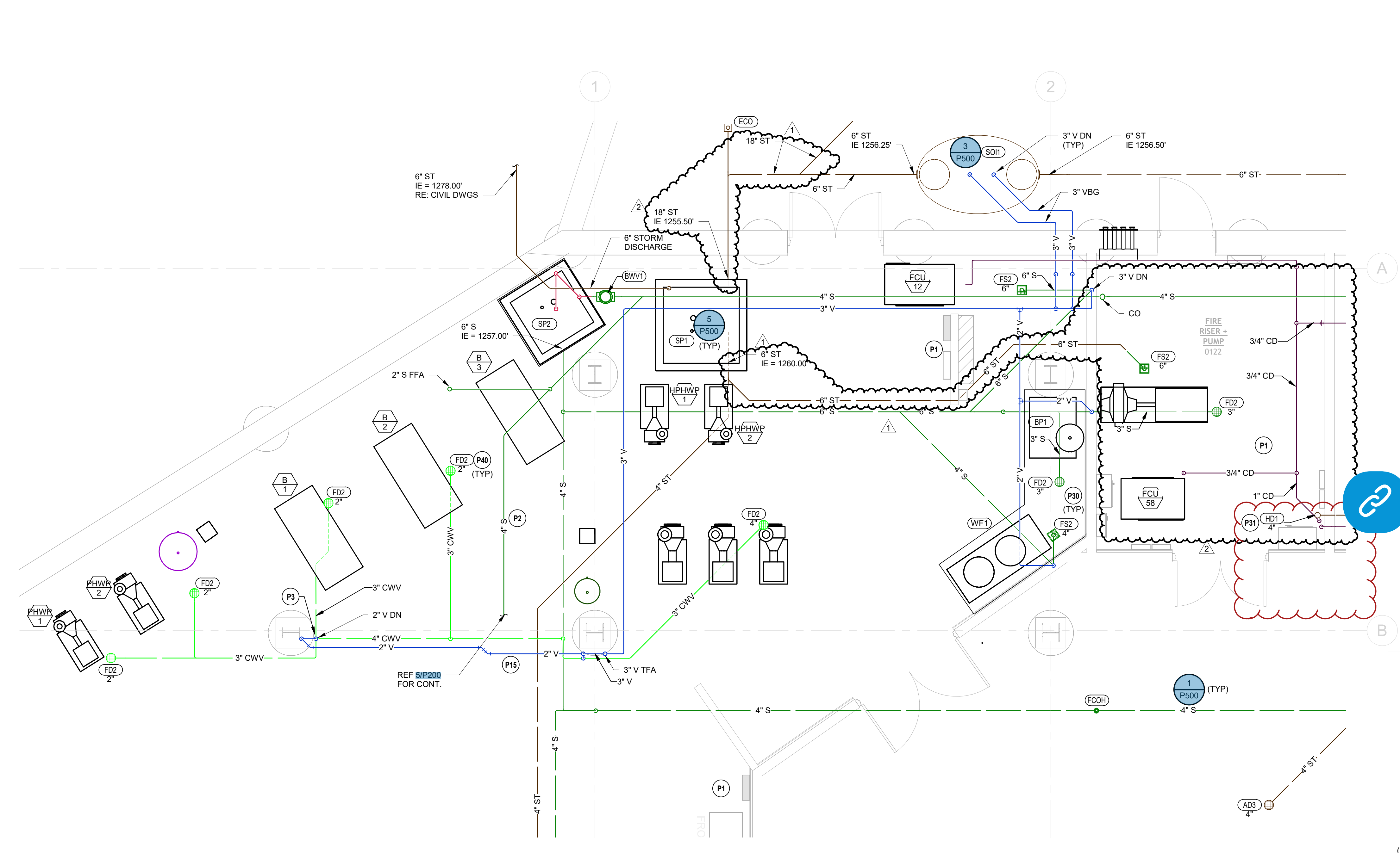
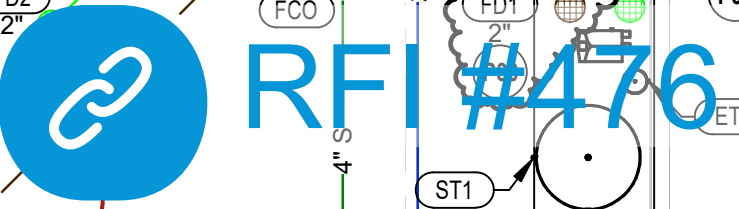
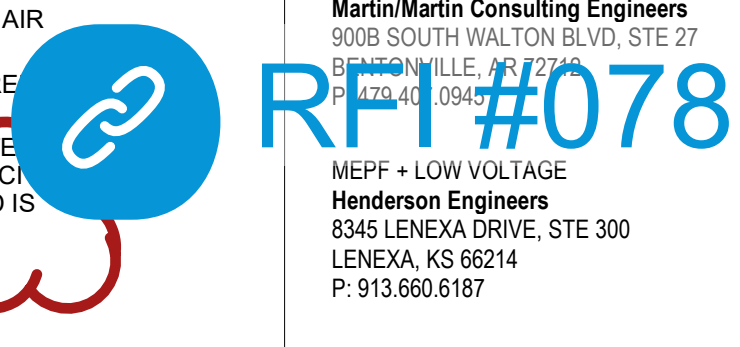


06/07/2023

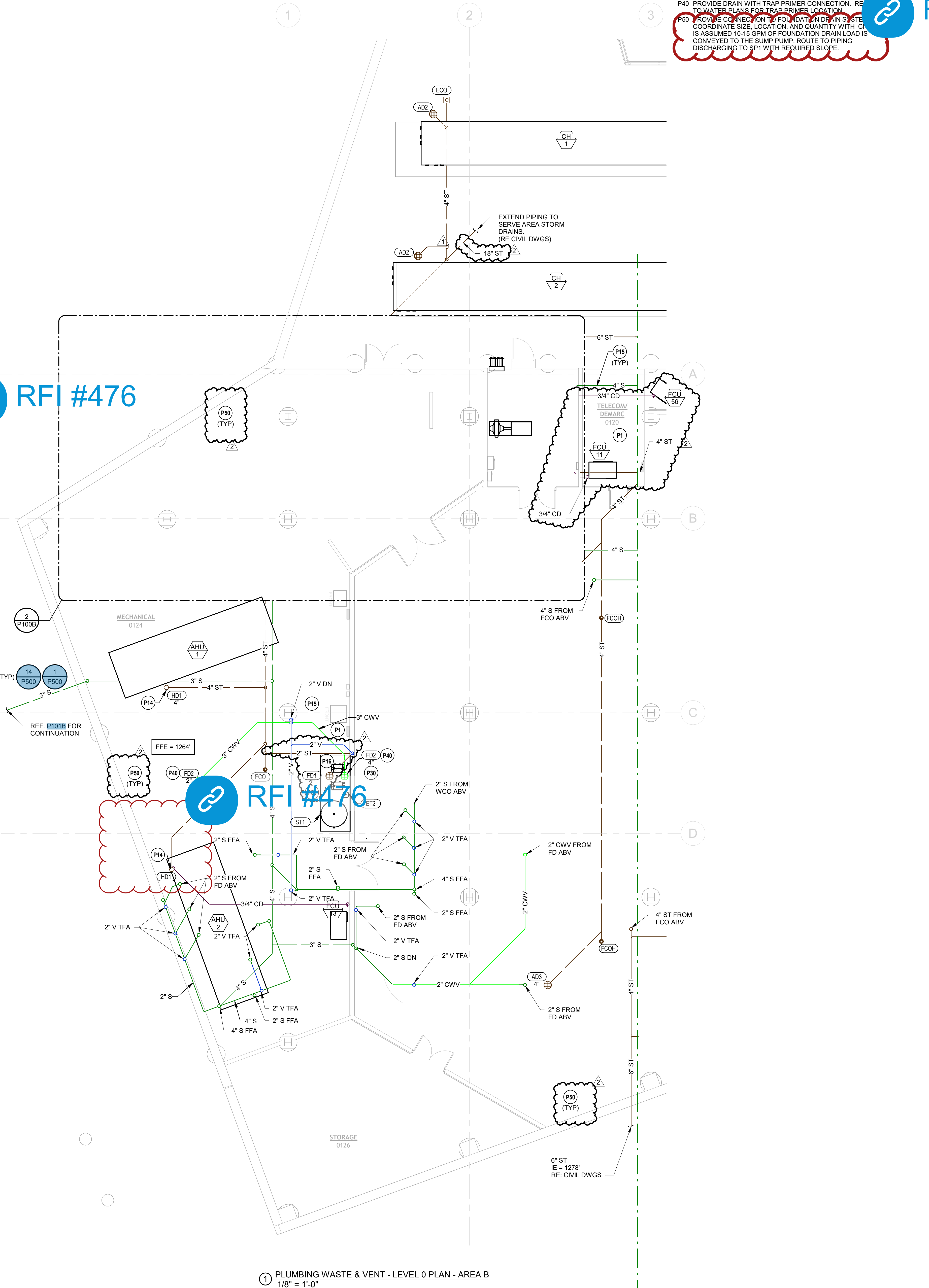
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NUMBER	DATE	DESCRIPTION
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2	06/29/23	Addendum 2

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

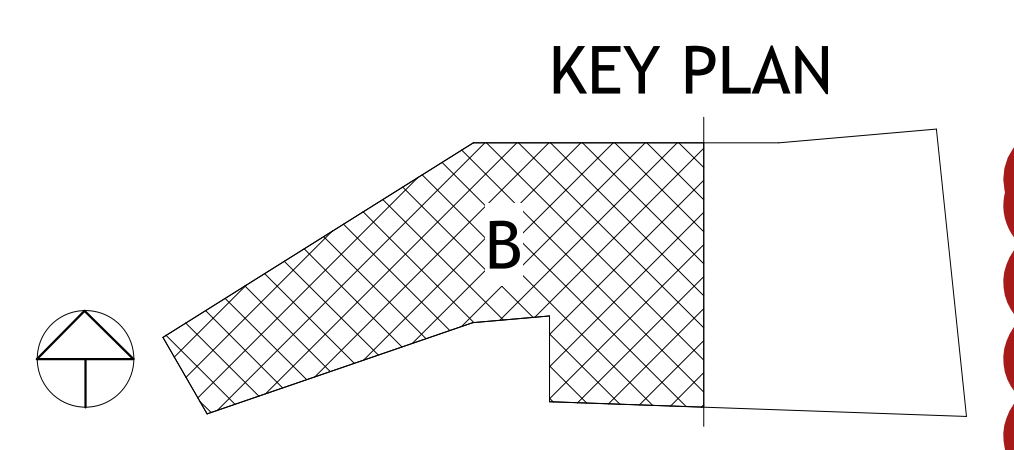
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P2 PIPING ROUTED OVERHEAD AT STRUCTURE. ALL PIPING ABOVE MAIN DRIVE RISES IN GARAGE TO BE MINIMUM 13'-6" ABOVE FINISHED FLOOR. SLOPE SANITARY AND STORM PIPING AS REQUIRED BY CODE. COORDINATE PIPE ROUTING 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. RELOCATE PLANS FOR TRAP PRIMER CONNECTION.
 - P41 FROM THE POINT OF ENTRY TO THE BUILDING, THE COORDINATE SIZE, LOCATION, AND QUANTITY WITH CIVIL. IS ASSURED 10-15 GPM OF FOUNDATION DRAIN LOAD IS CONVEYED TO THE SLUMP PUMP. ROUTE TO PIPING DISCHARGING TO SPT 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"





REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/23/23	As-Built #1
2	06/29/23	As-Built #2
3	07/28/24	PROJ. #1
4	09/24/24	PROJ. #2
5	10/24/24	PROJ. #3

- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P2 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.



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.
 P16 ROUTE CONDENSATE DRAIN PIPING FROM HVAC UNIT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM.

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 Little Rock, AR 72201
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 509 W. Spring St. | Suite 150
 Fayetteville, AR 72701
 479.444.0423 office
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CIVIL
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 1380 E STEARNS ST
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 P: 479.443.2377

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STRUCTURAL
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MEPF - LOW VOLTAGE
 Henderson Engineers
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 LENOXA, MS 38214
 P: 913.606.8187

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 SOM
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 P: 312.362.4121

SIGNAGE - WAYFINDING
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 236 W. 21st ST., SUITE 802
 NEW YORK, NY 10011
 P: 212.254.9870

FOOD SERVICE
 JMC HOSPITALITY
 8956 SK PINES DR., SUITE 8210
 THE WOODLANDS, TX 77380
 P: 409.641.2222

WATER FEATURES
 OTL
 2150 S. TOWNE CENTER, SUITE 100
 ANAHEIM, CA 92809
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 WC3 DESIGN
 11A ROBINSON MANOR BLVD.
 ROCKESBURG, PA 15136
 P: 844.231.7042

PSW Job Number:
993A
 Henderson Job Number:
2150002607

AWSOM
 Bentonville, AR

Issue Date:
02.24.2023

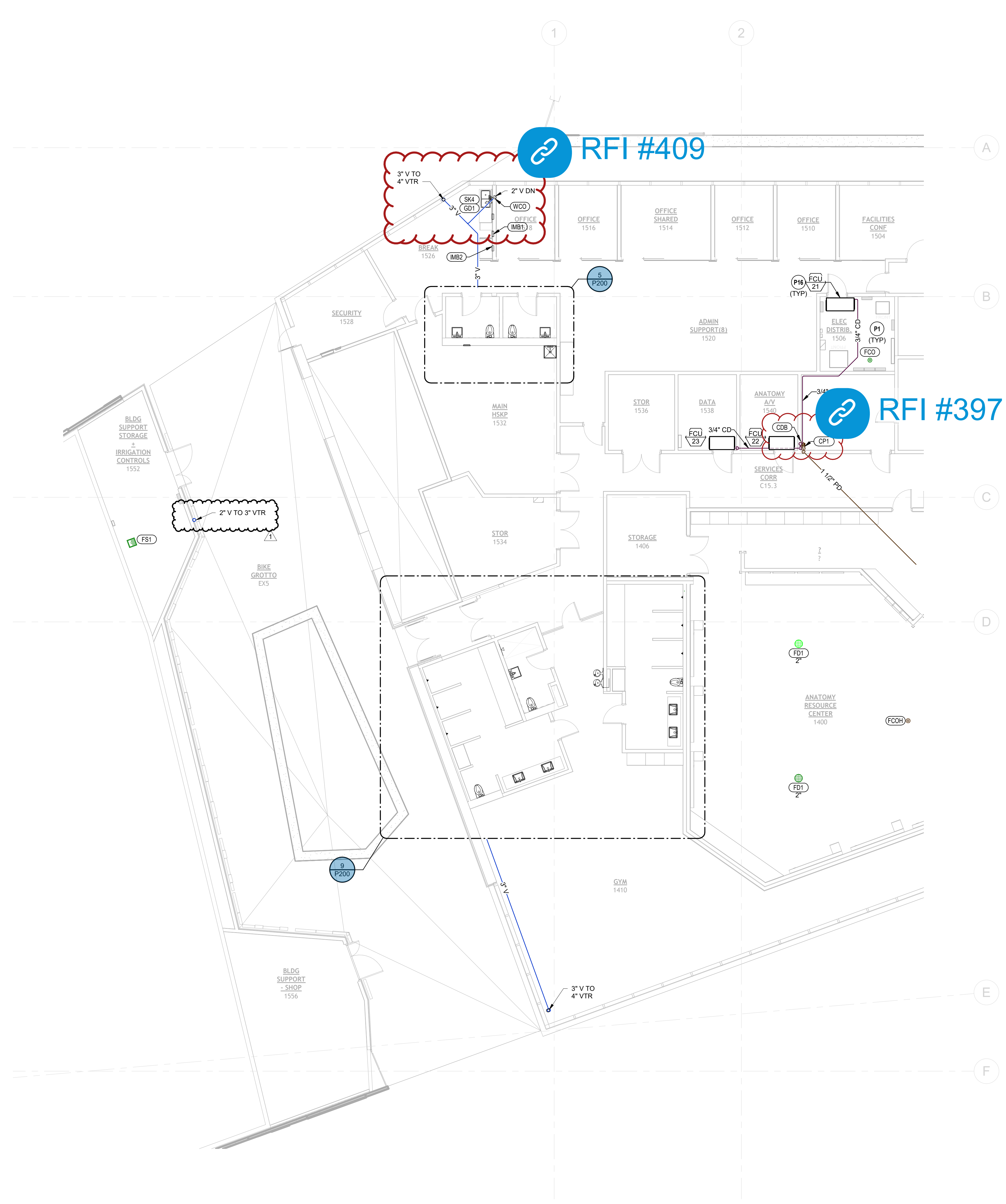
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NUMBER	DATE	DESCRIPTION
1	03/10/23	As Issued

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PLUMBING WASTE & VENT - LEVEL 1 PLAN - AREA B

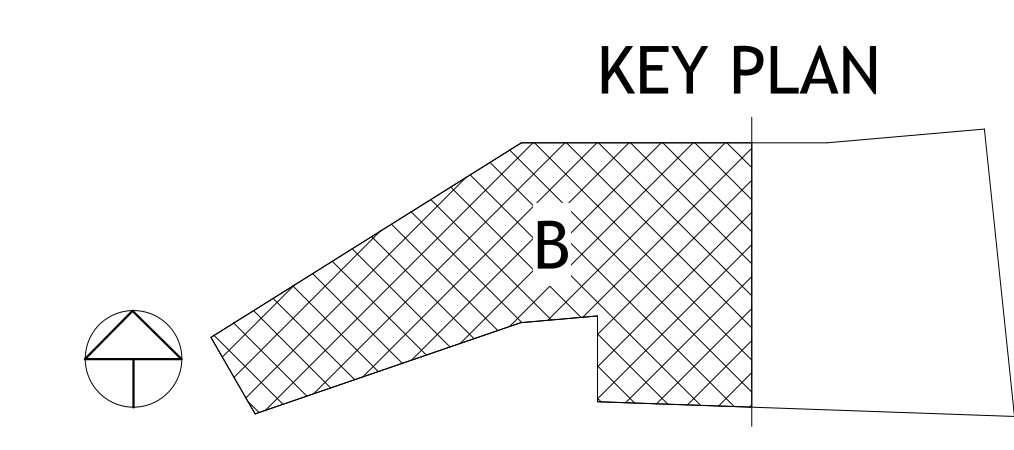


03/10/2023

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P101B



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





PLUMBING PLAN NOTES:

- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
- P6 HUB DRAINS RECEIVING PIPING SHALL BE RAISED AS REQUIRED TO PREVENT MAINTENANCE WATER FROM ENTERING DRAIN. ALL CONDENSATE PIPING SHALL BE CONNECTED TO STORM WATER SYSTEM PER CITY REGULATIONS.
- P14 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.
- P15 SANITARY PIPING ROUTED ABOVE CEILING OR THROUGH STRUCTURE OVERHEAD SERVING 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.

PSW Job Number: 993A
Henderson Job Number: 2150002607



03/05/2024

Issue Date: 02.24.2023

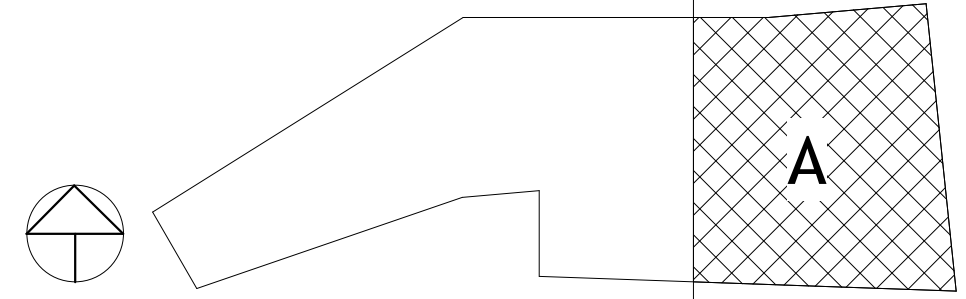
REVISIONS		
NUMBER	DATE	DESCRIPTION
1	02.19.23	ADDENDUM 1
2	03.09.24	PR-022

Contents:
PLUMBING WASTE & VENT - LEVEL 2 PLAN - AREA A

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1 PLUMBING WASTE & VENT - LEVEL 2 PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



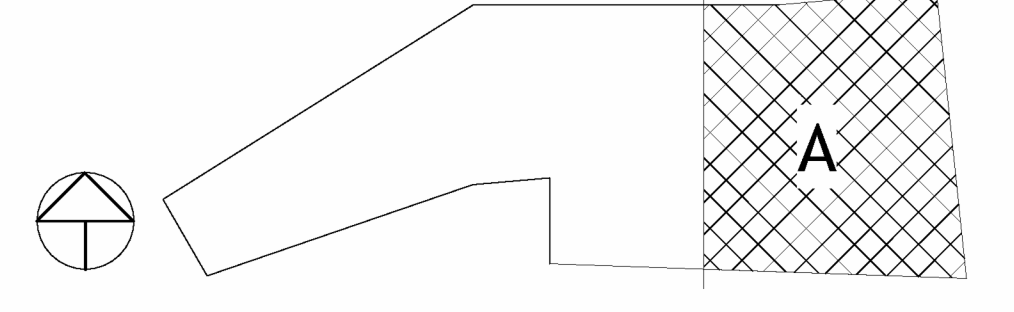
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P7 SLOPE STORM PIPING AS REQUIRED THROUGH SLOPED STRUCTURE ABOVE. PIPING TO BE ROUTED TO LEVEL BELOW AS INDICATED THROUGH STRUCTURE. REFER TO PLAN FOR LEVEL BELOW FOR CONTINUATION
 - P12 COORDINATE FINAL 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
 - P43 ROUTE VENT PIPING THRU STRUCTURE ABOVE. SLOPE WITH STRUCTURE AS REQUIRED SO PIPING IS ROUTED TO VENT THRU ROOF



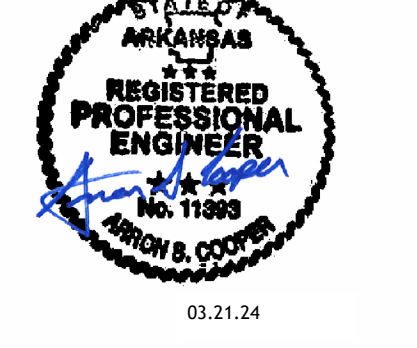
RFI #520

1 PLUMBING WASTE & VENT - LEVEL 3 PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



PSW Job Number:
993A
Henderson Job Number:
2150002607



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Bentonville, AR

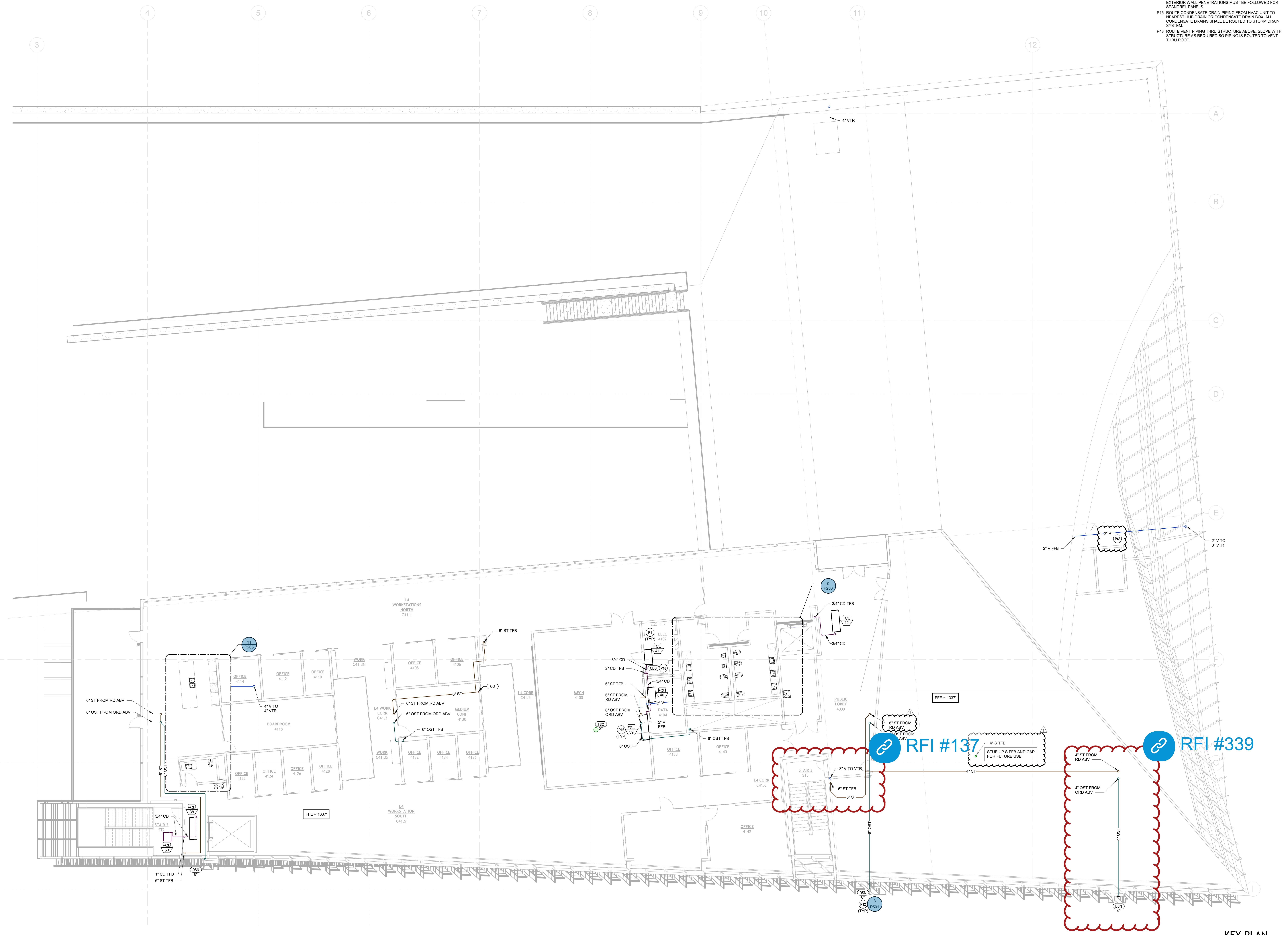
Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/29/23	Aspection 1
2	03/21/24	PROJ2

Contents:
PLUMBING WASTE & VENT - LEVEL 3 PLAN - AREA A

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P103A

- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P2 COORDINATE FINAL LOCATION OF DOWNSPOUT NOZZLE WITH ARCHITECT ELEVATIONS AND DETAILS. SPECIFIC EXTERIOR WALL PENETRATIONS MUST BE FOLLOWED FOR SPANDREL PANELS.
 - P3 ROUTE CONDENSATE DRAIN PIPING FROM HVAC UNIT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM.
 - P43 ROUTE VENT PIPING THRU STRUCTURE ABOVE. SLOPE WITH STRUCTURE AS REQUIRED SO PIPING IS ROUTED TO VENT THRU ROOF.



- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P2 COORDINATE FINAL LOCATION OF DOWNSPOUT NOZZLE WITH ARCHITECT ELEVATIONS AND DETAILS. SPECIFIC EXTERIOR WALL PENETRATIONS MUST BE FOLLOWED FOR SPANDREL PANELS.
 - P3 ROUTE CONDENSATE DRAIN PIPING FROM HVAC UNIT TO NEAREST HUB DRAIN OR CONDENSATE DRAIN BOX. ALL CONDENSATE DRAINS SHALL BE ROUTED TO STORM DRAIN SYSTEM.
 - P43 ROUTE VENT PIPING THRU STRUCTURE ABOVE. SLOPE WITH STRUCTURE AS REQUIRED SO PIPING IS ROUTED TO VENT THRU ROOF.

PSW Job Number:
993A

Henderson Job Number:
2150002607

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/23	Issued for I

Consents:
PLUMBING WASTE & VENT - LEVEL 4 PLAN - AREA A

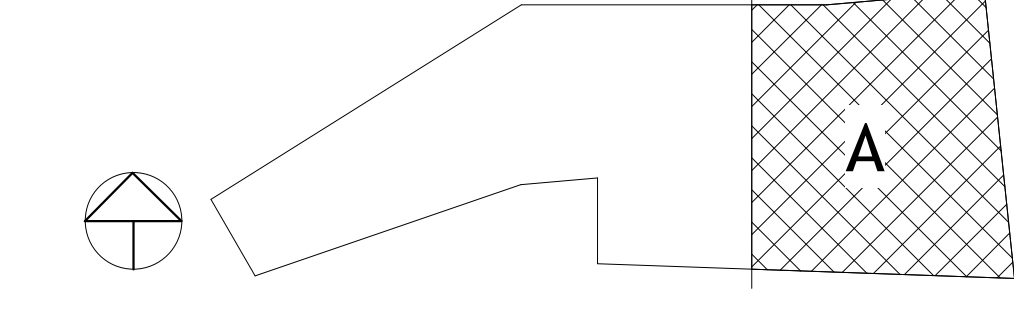


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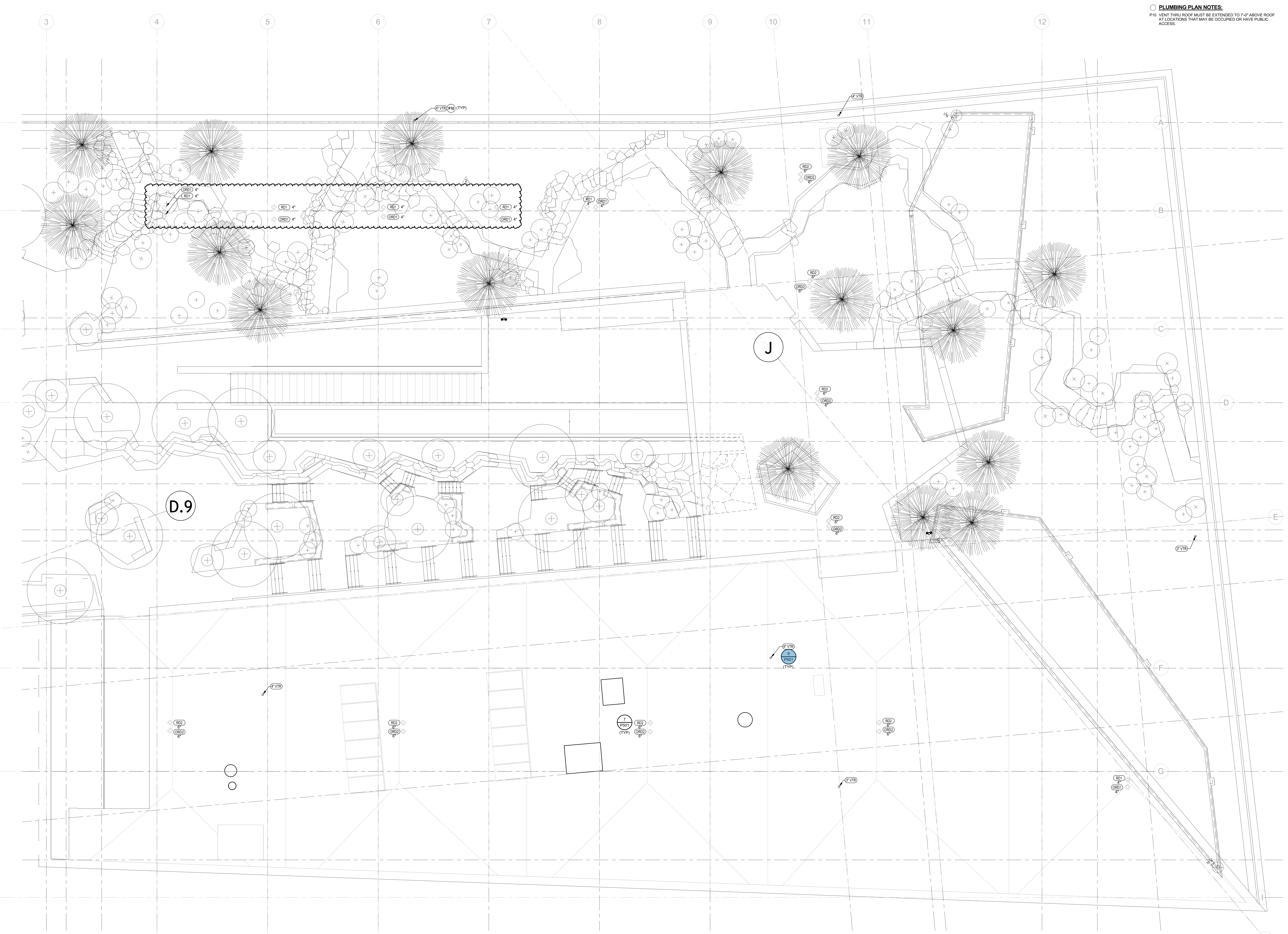
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P104A

1 PLUMBING WASTE & VENT - LEVEL 4 PLAN - AREA A
1/8" = 1'-0"

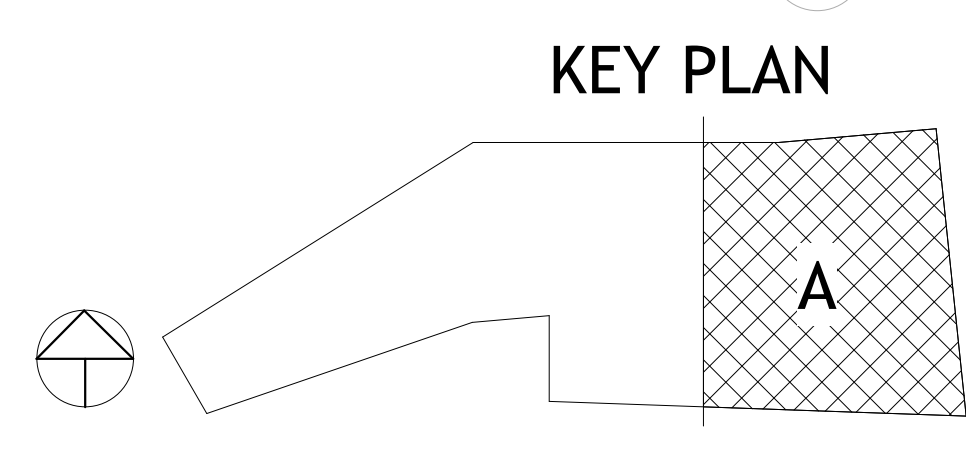
KEY PLAN



PLUMBING PLAN NOTES:
P10 VENT THRU ROOF MUST BE EXTENDED TO 7'-0" ABOVE ROOF AT LOCATIONS THAT MAY BE OCCUPIED OR HAVE PUBLIC ACCESS.



PLUMBING ROOF PLAN - AREA A
1/8" = 1'-0"



PSW Job Number:
993A
Henderson Job Number:
2150002607



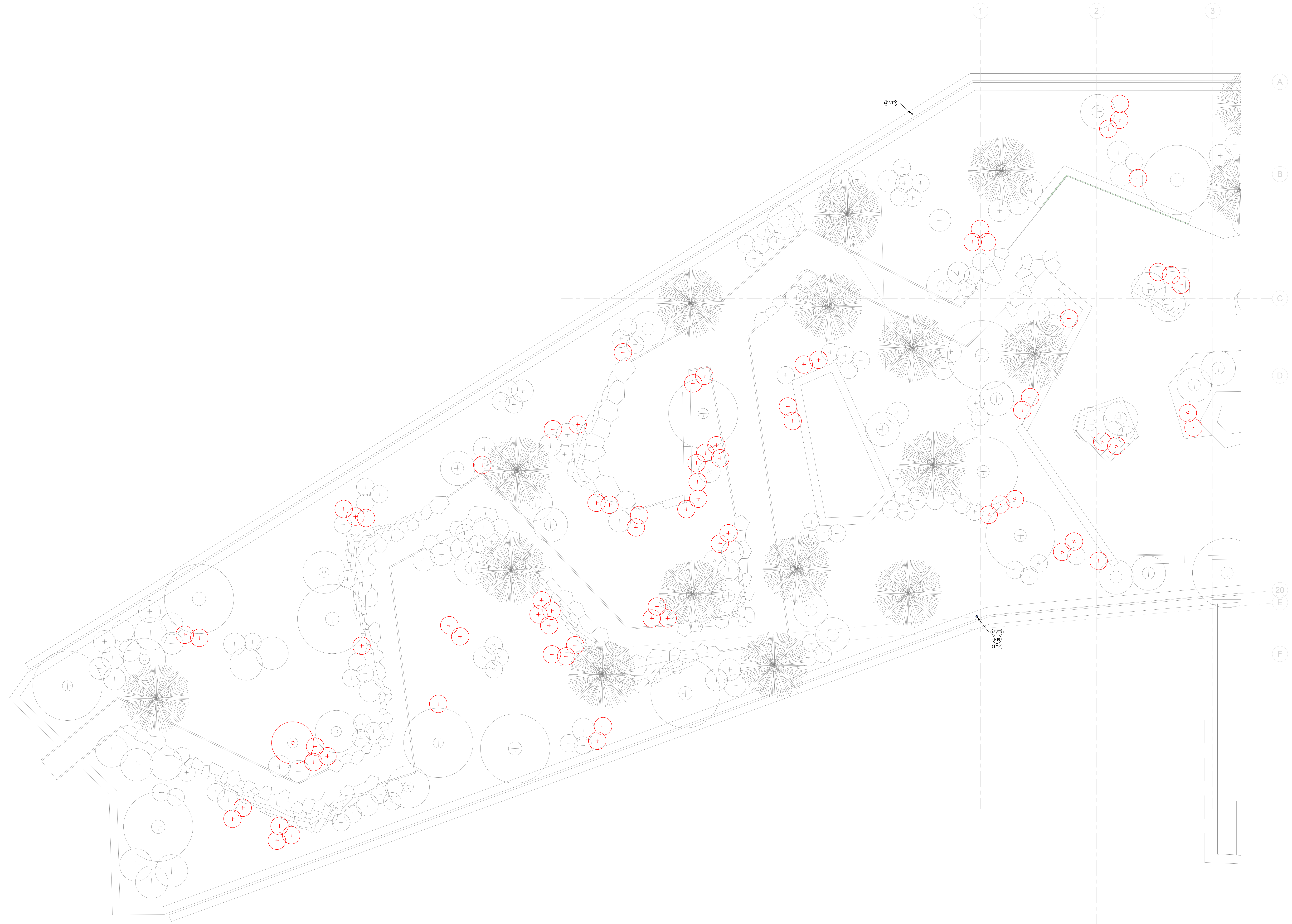
AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	03.29.24	PR-002

Contents:
PLUMBING - ROOF PLAN - AREA A

PLUMBING PLAN NOTES:
P10 VENT THRU ROOF MUST BE EXTENDED TO 7'-0" ABOVE ROOF AT LOCATIONS THAT MAY BE OCCUPIED OR HAVE PUBLIC ACCESS.



PSW Job Number:
993A

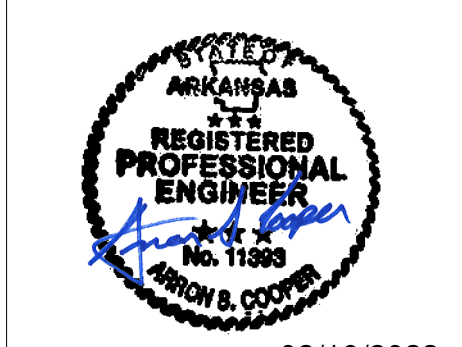
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2150002607

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Bentonville, AR

Issue Date:
02.24.2023

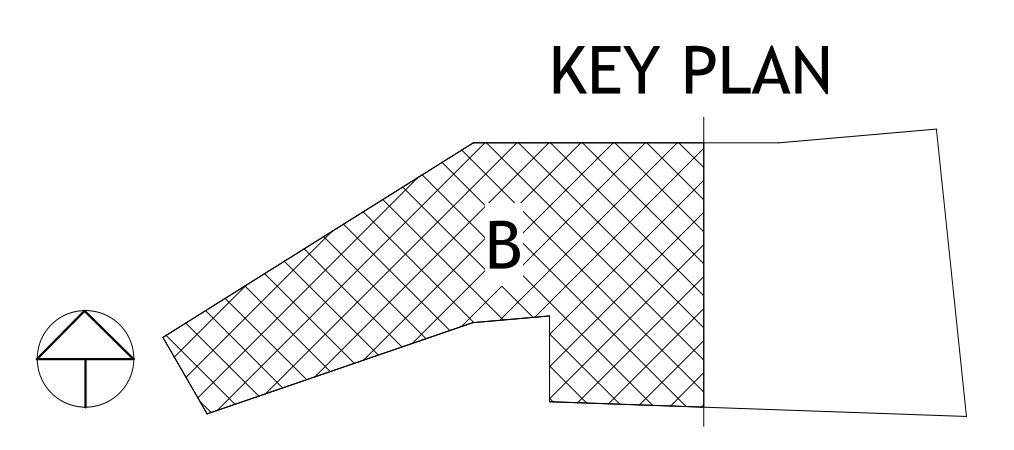
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NUMBER	DATE	DESCRIPTION
1	03/10/23	As shown

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**PLUMBING -
ROOF PLAN -
AREA B**

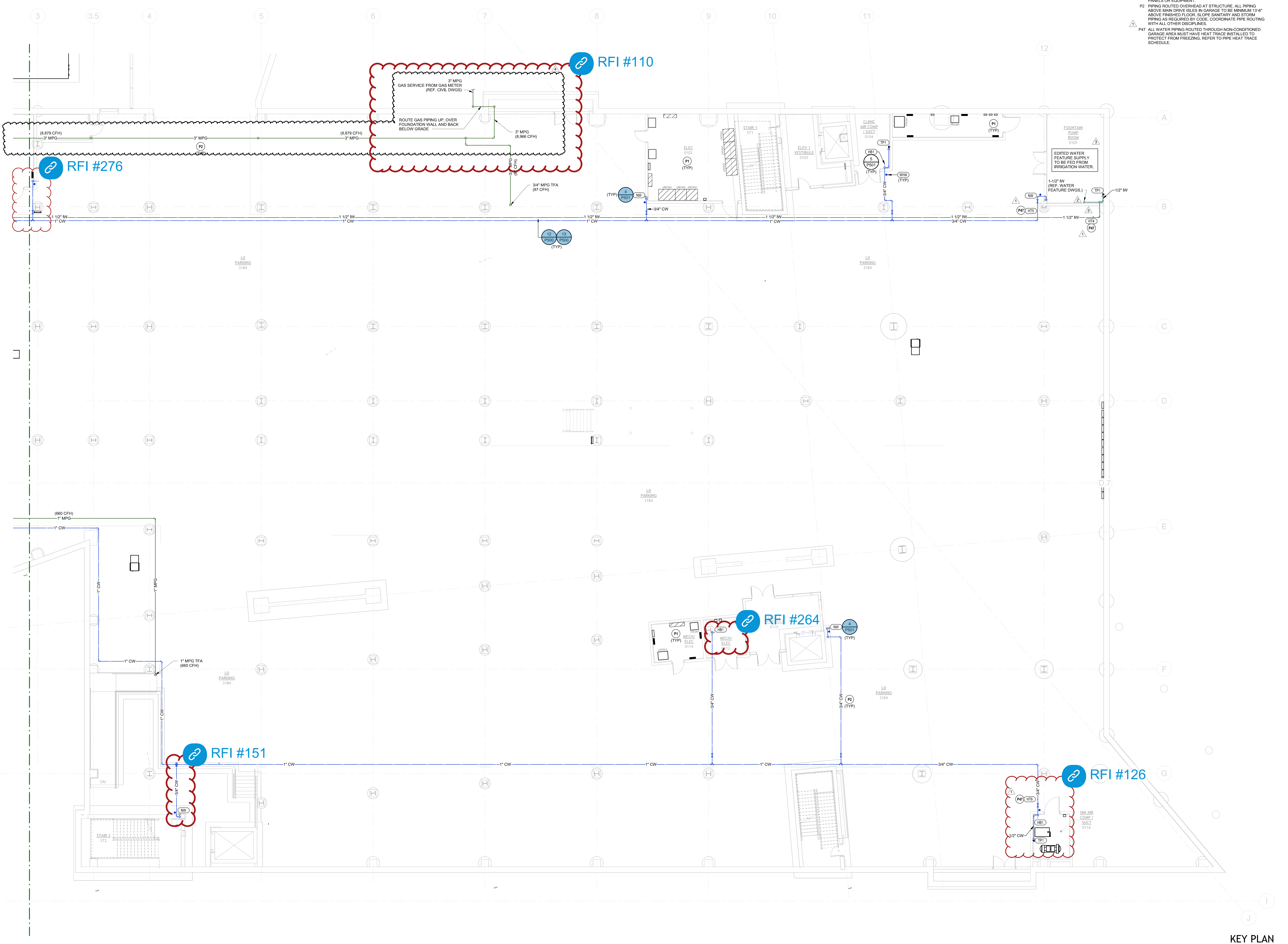


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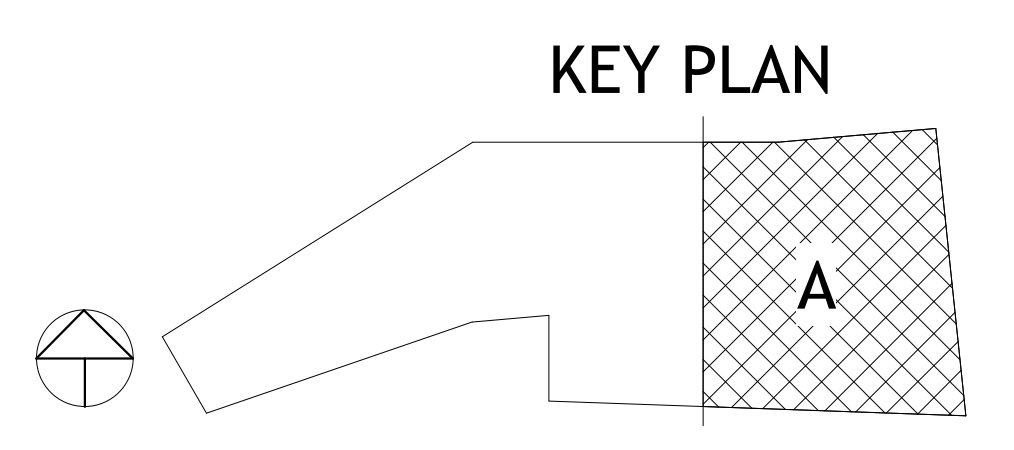
PLUMBING ROOF PLAN - AREA B
1/8" = 1'-0"



- 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:
993A
Henderson Job Number:
2150002607



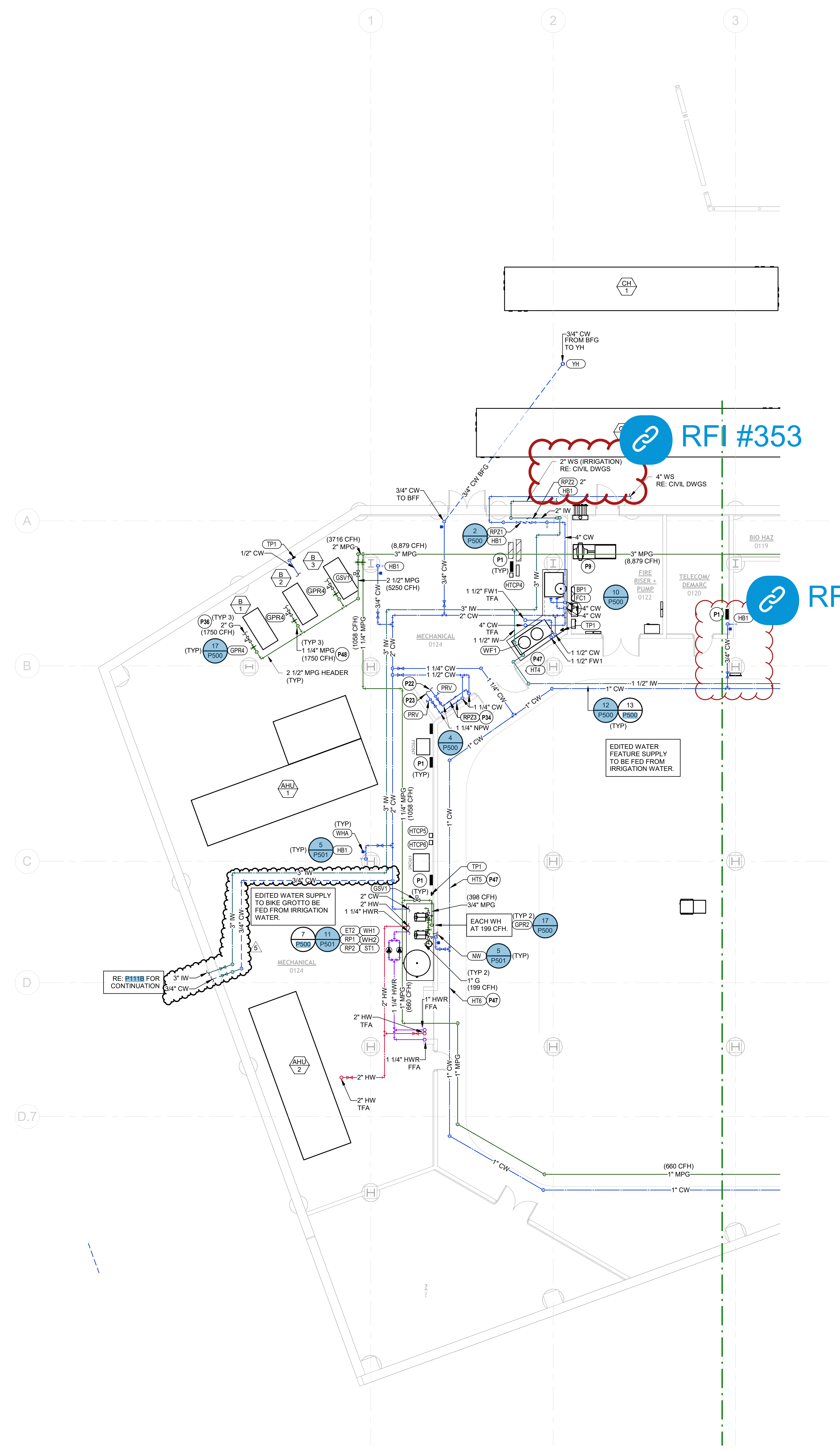
AWSOM
Bentonville, AR

Issue Date:
02.24.2023

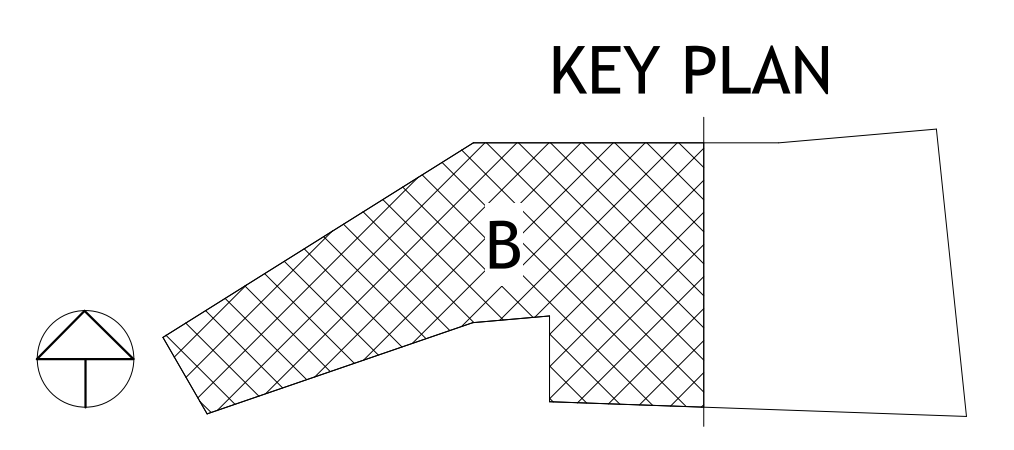
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NUMBER	DATE	DESCRIPTION
1	02/24/23	ADDENDUM 1
2	06/09/23	ADDENDUM 2
3	06/15/23	ADDENDUM 3
4	08/23/23	PR-010

Contents:
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:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

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02.24.2023

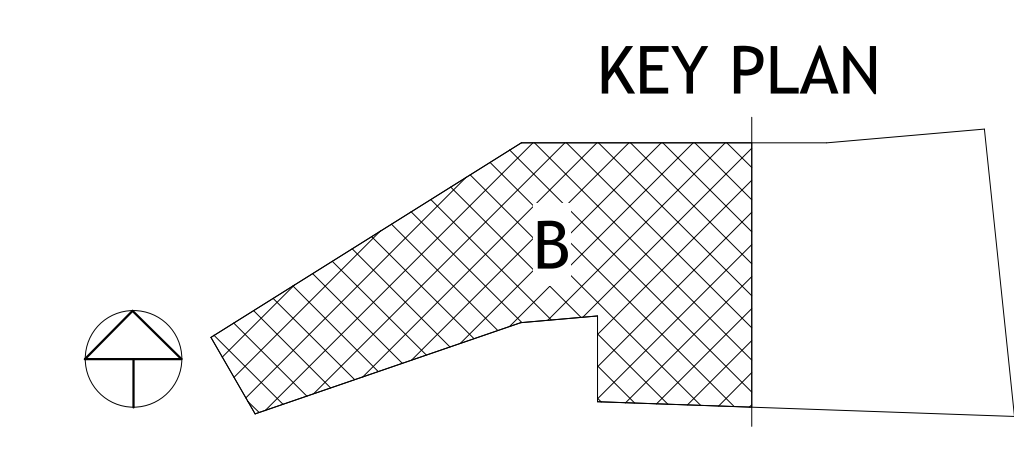
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1	03/10/23	ADDENDUM 1
2	06/09/23	ADDENDUM 2
3	06/15/23	ADDENDUM 3
4	09/27/23	PR-010
5	08/24/24	PR-011

Contents:
PLUMBING
WATER & GAS -
LEVEL 0 PLAN -
AREA B

PLUMBING PLAN NOTES:
P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
P24 PROVIDE SHUTOFF VALVE IN VERTICAL RISE (ABOVE FLOOR).



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



PSW Job Number:
993A
Henderson Job Number:
2150002607



08/23/2024

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

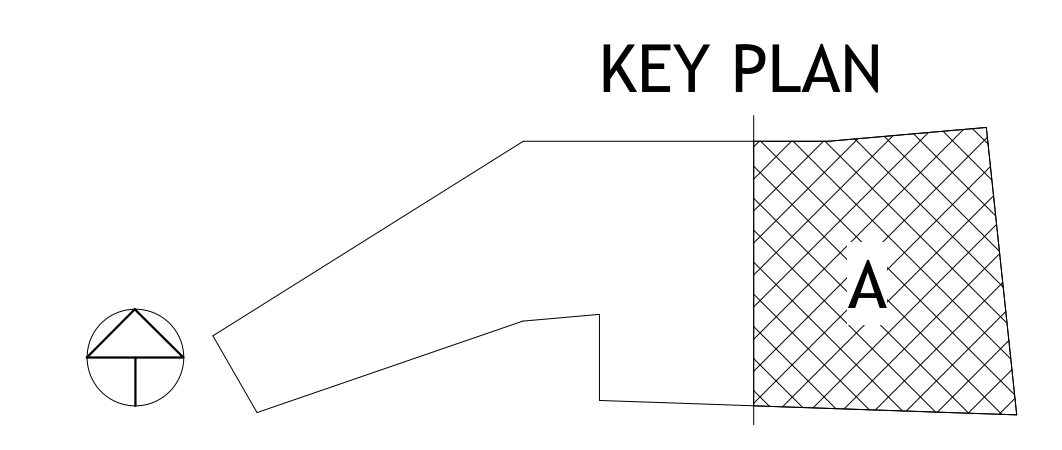
REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.15.23	Addendum 2
3	08.21.24	REV 01

Consents:
**PLUMBING
WATER & GAS -
LEVEL 1 PLAN -
AREA B**

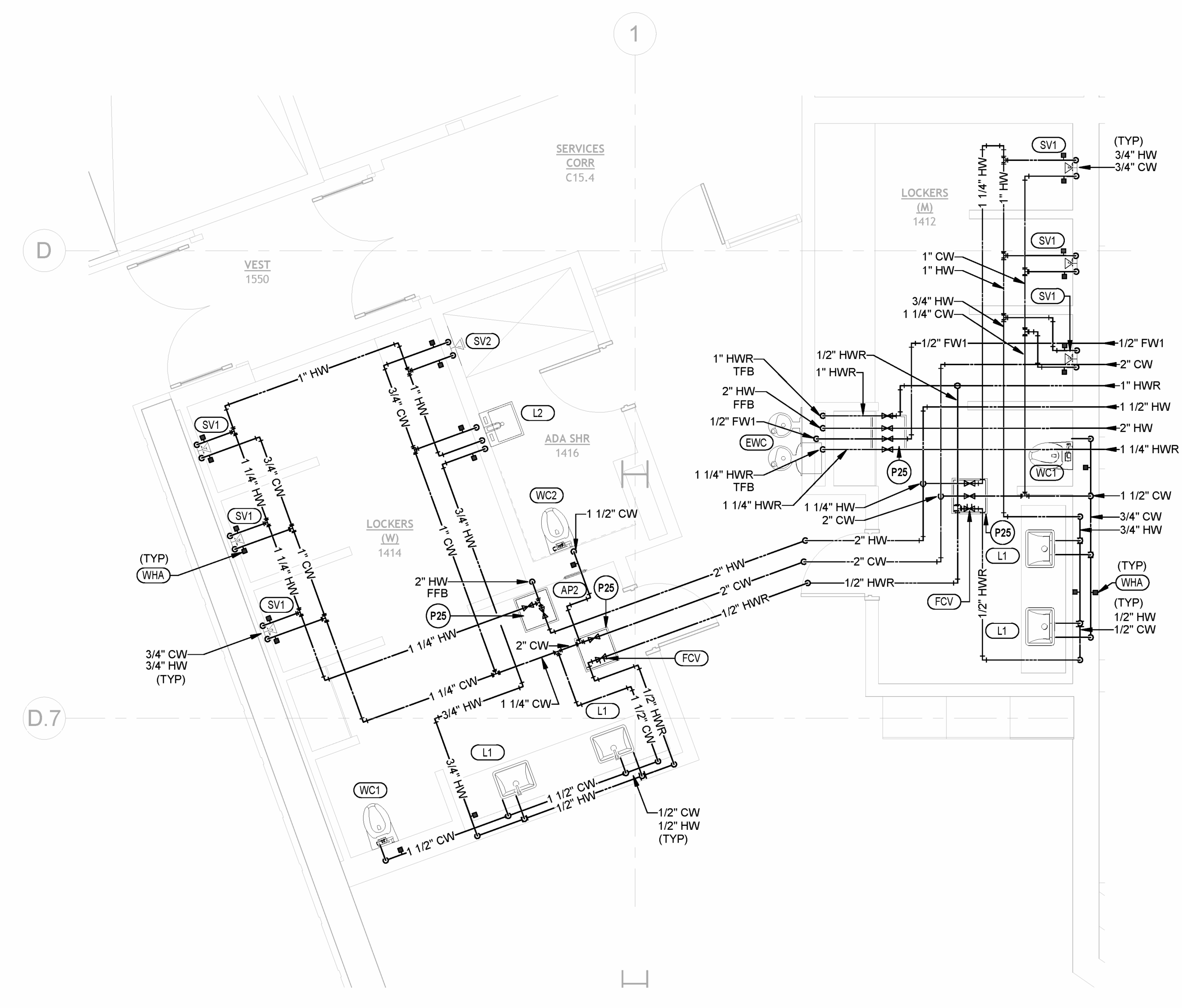
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT
 - P4 VALVE AND CAP PLUMBING SERVICES 12" AFF FOR FUTURE CONNECTION
 - P24 PROVIDE SHUTOFF VALVE IN VERTICAL RISE (ABOVE FLOOR)



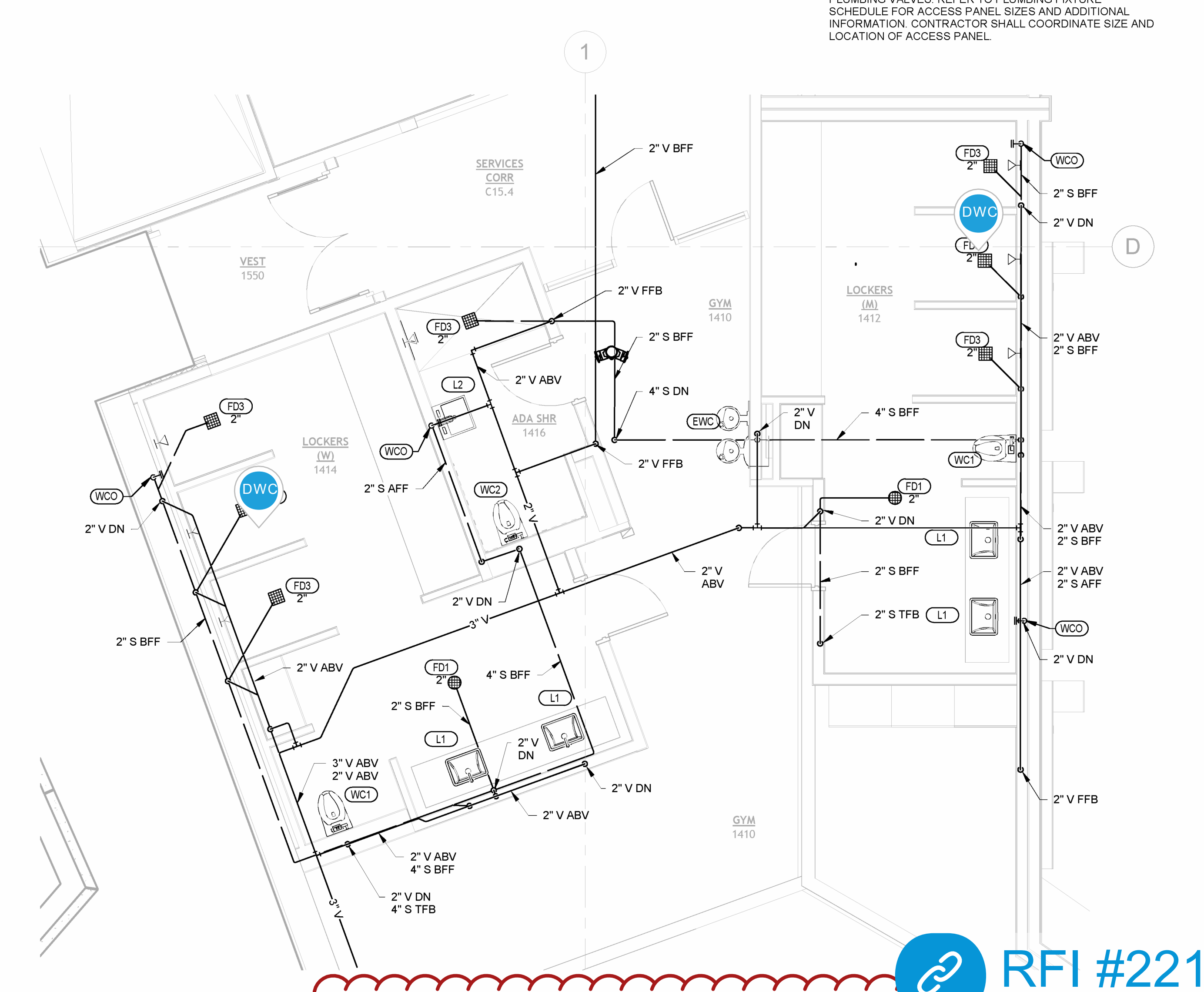
① PLUMBING WATER & GAS - LEVEL 4 PLAN - AREA A
1/8" = 1'-0"



PLUMBING PLAN NOTES:
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.

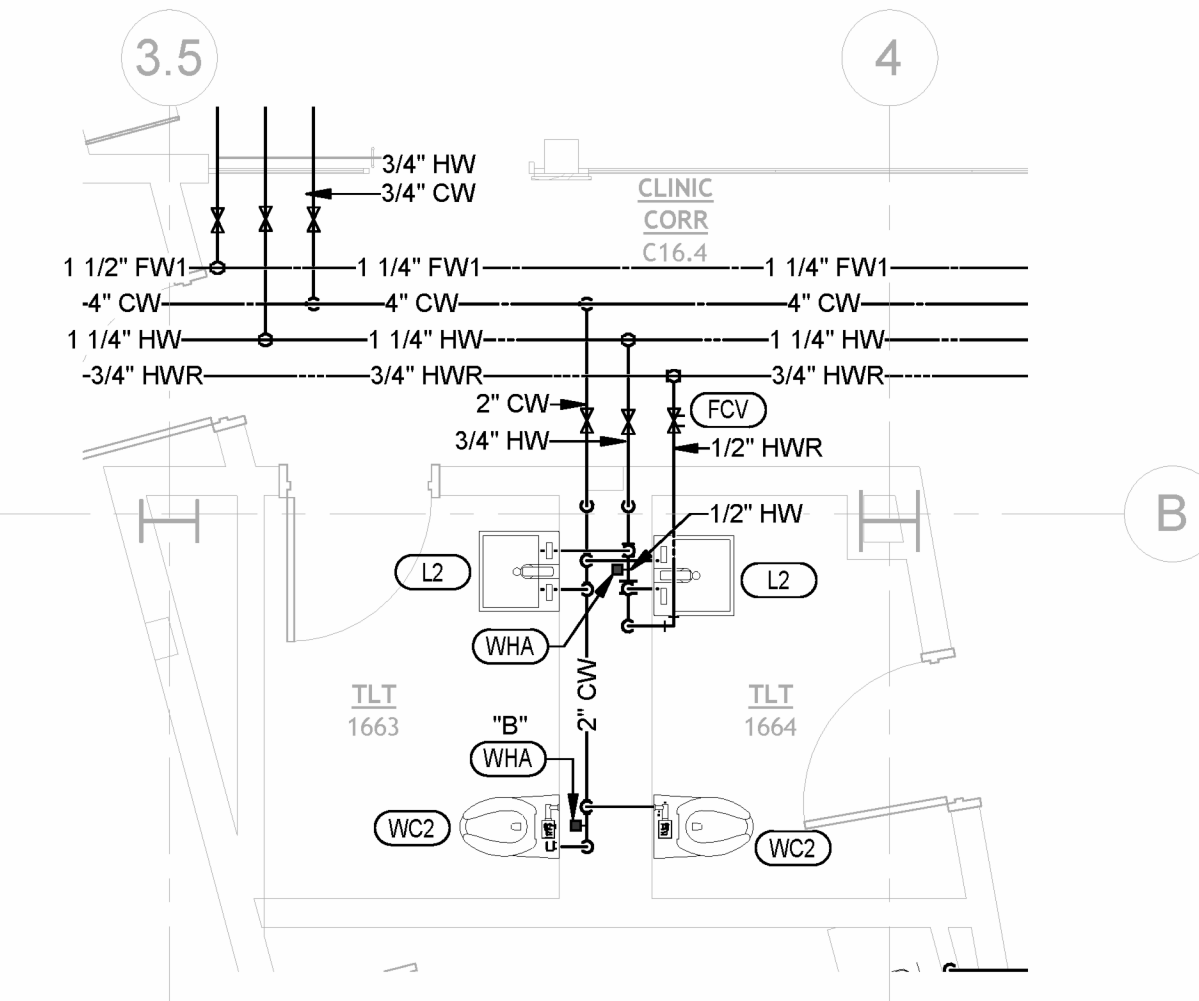


10 ENLARGED PLUMBING WATER AND GAS PLAN - LR 1412 & 1414
1/4" = 1'-0"

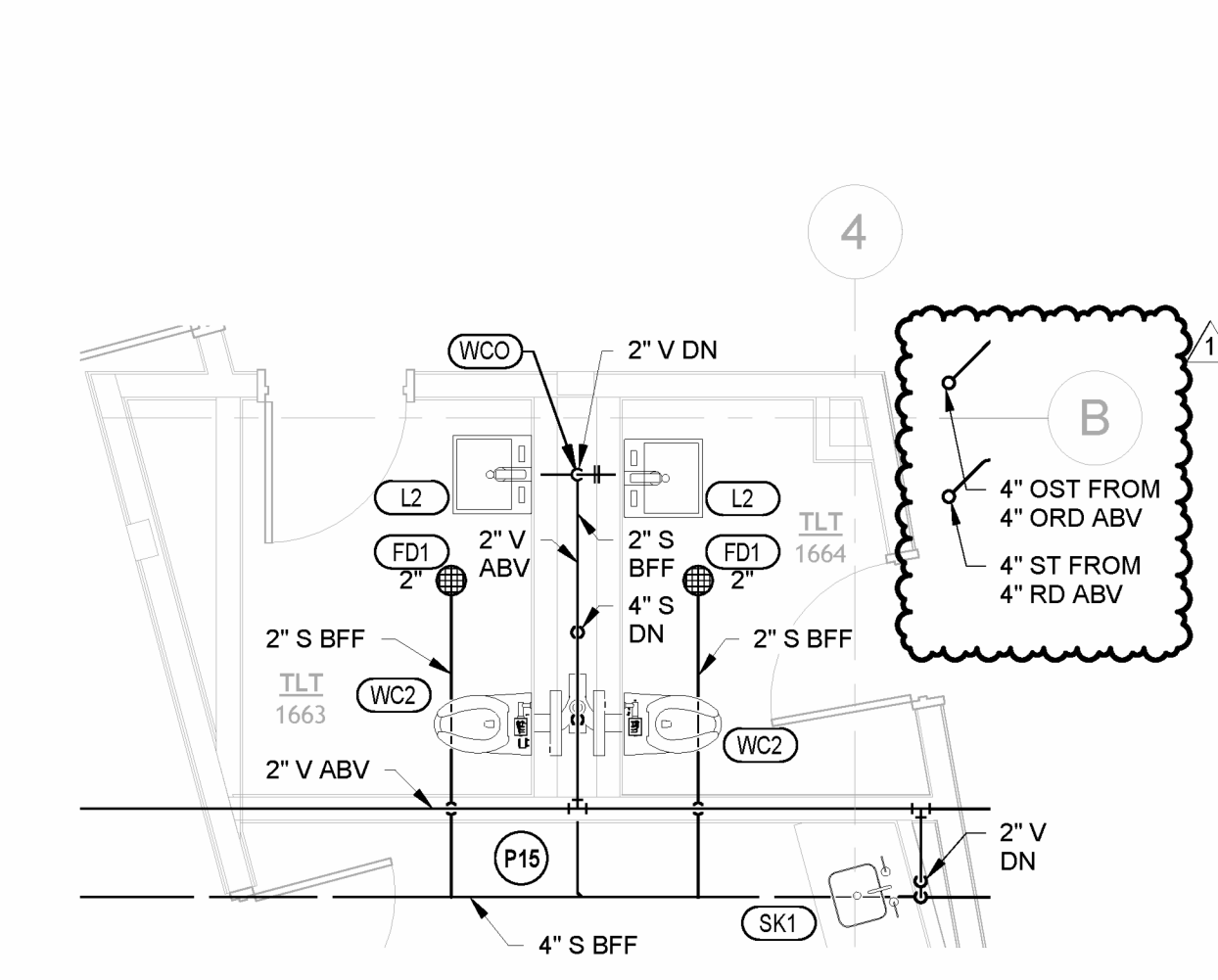


9 ENLARGED PLUMBING WASTE AND VENT PLAN - LR 1412 & 1414
1/4" = 1'-0"

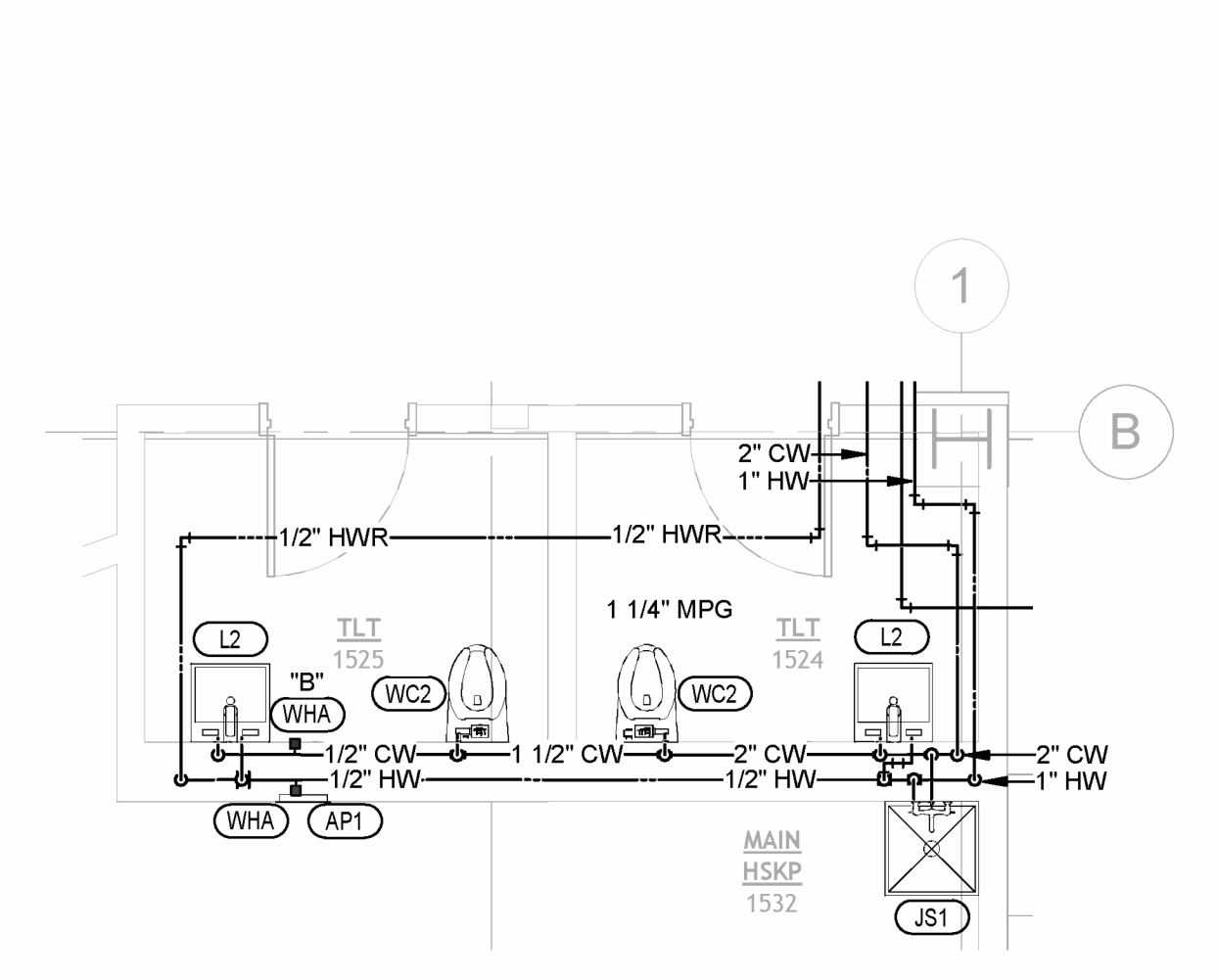
RFI #221



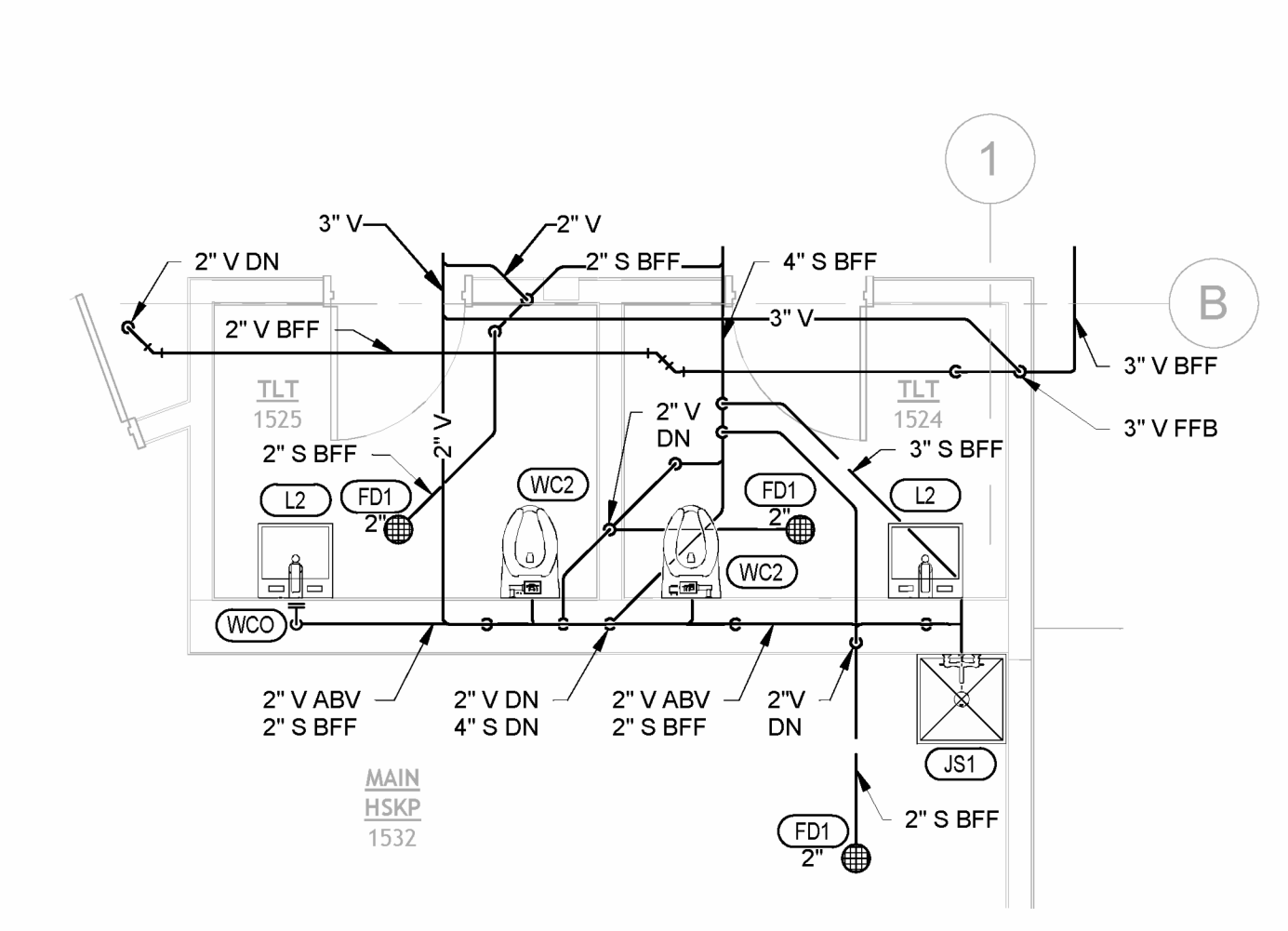
8 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1663 & 1664
1/4" = 1'-0"



7 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1663 & 1664
1/4" = 1'-0"



6 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1524 & 1525
1/4" = 1'-0"



5 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1524 & 1525
1/4" = 1'-0"

PSW Job Number:
993A
Henderson Job Number:
2150002607



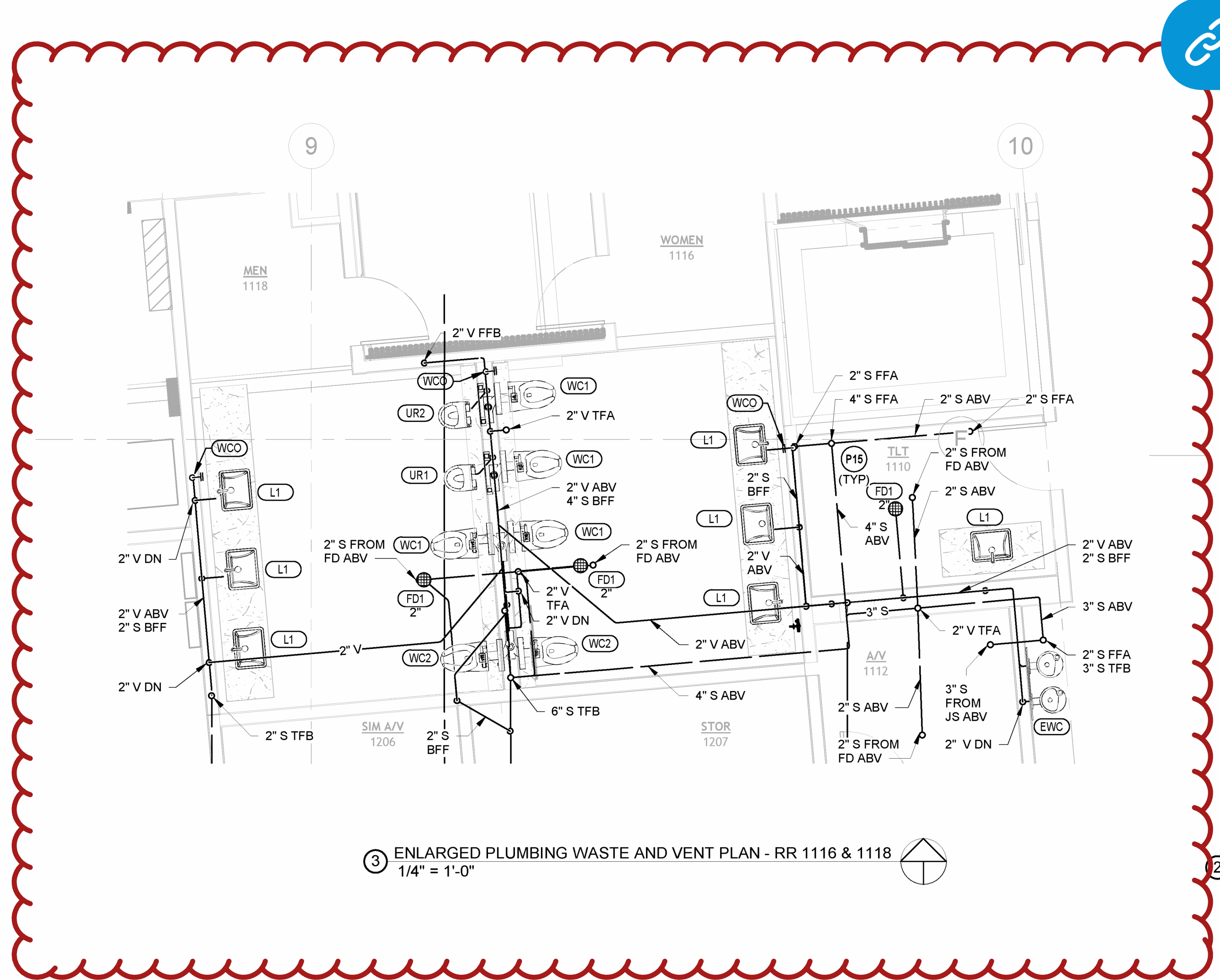
AWSOM
Bentonville, AR

Issue Date:
02.24.2023

NUMBER	DATE	DESCRIPTION
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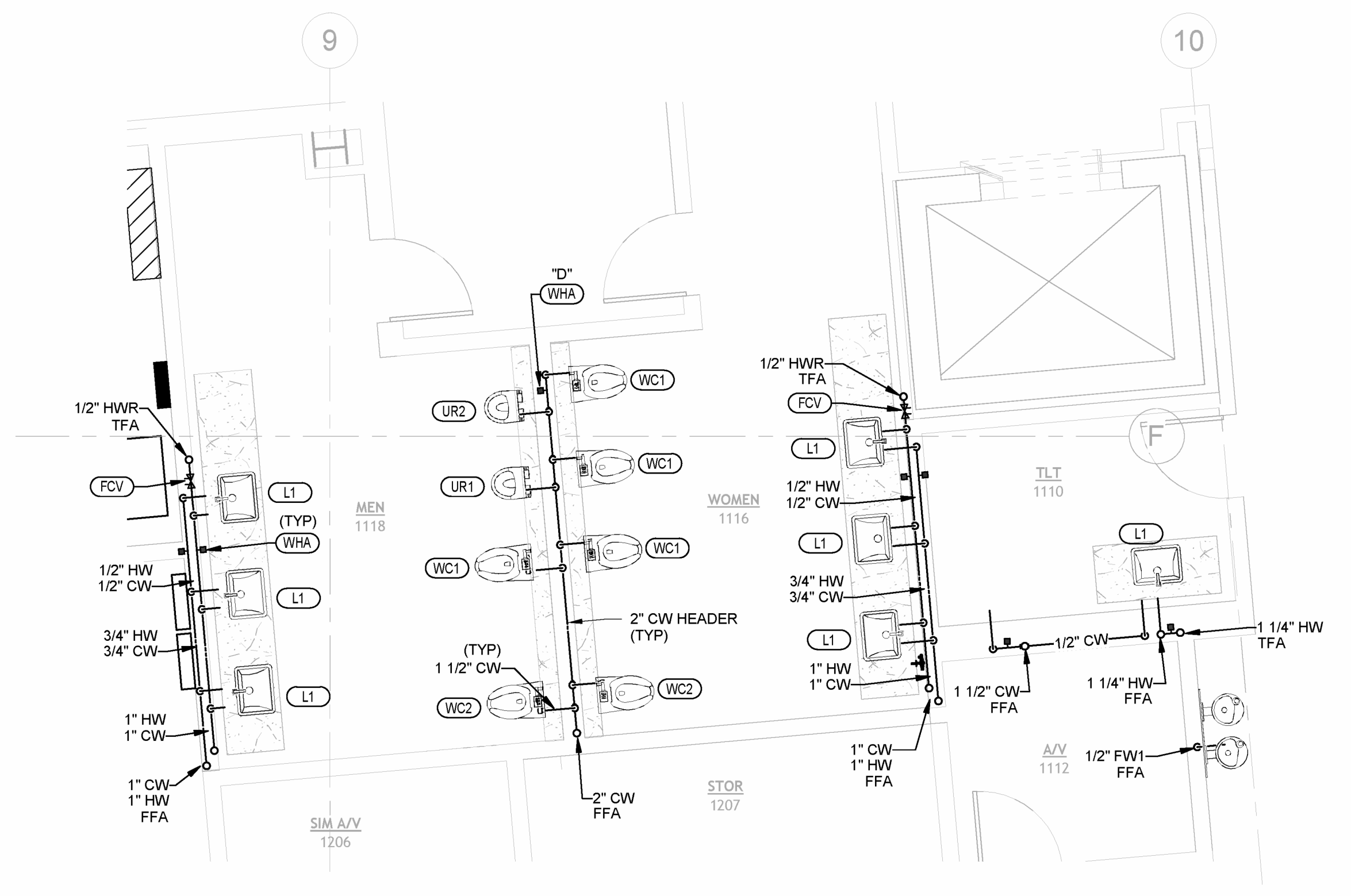
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PLUMBING ENLARGED PLANS

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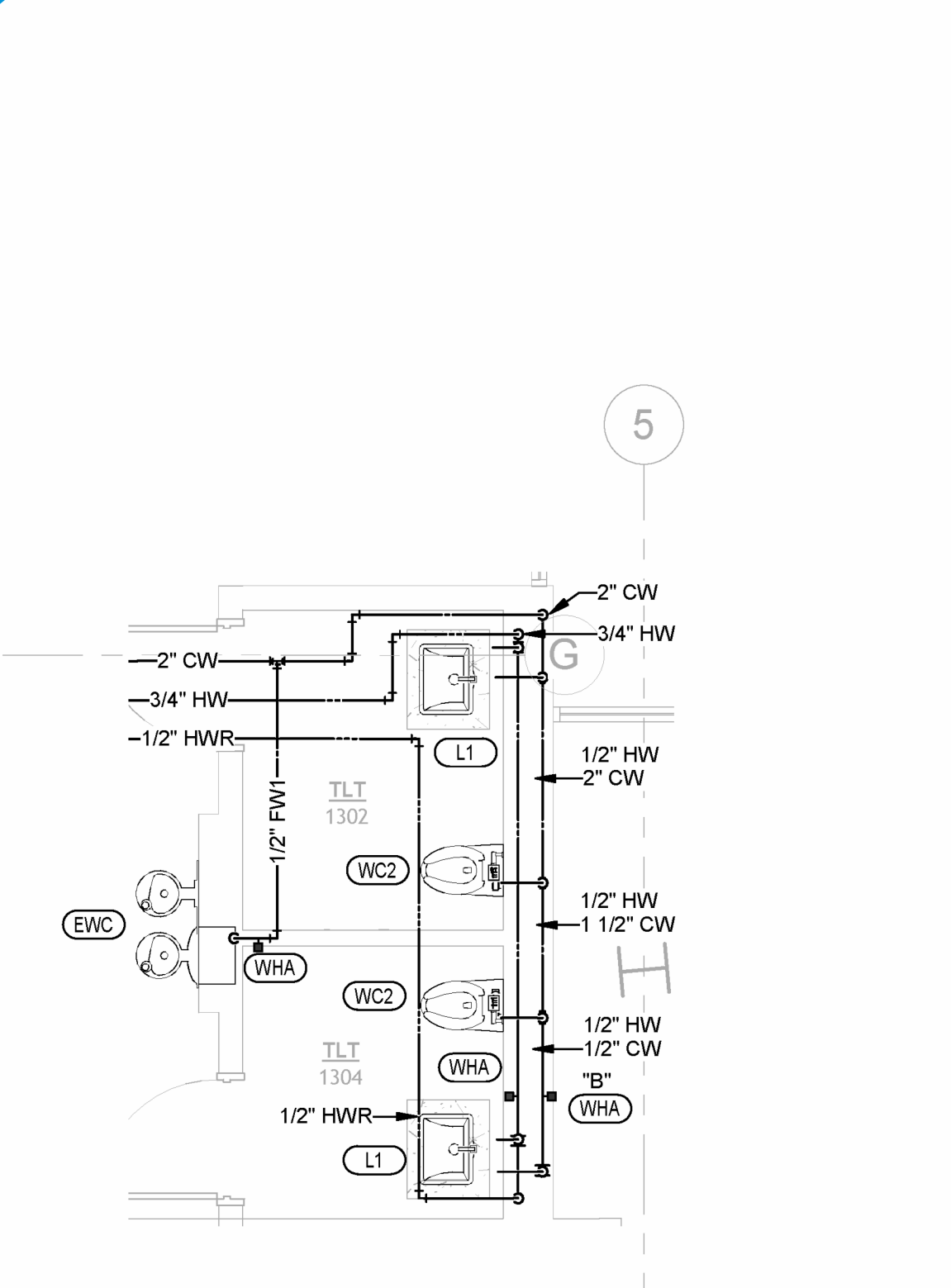


3 ENLARGED PLUMBING WASTE AND VENT PLAN - RR 1116 & 1118
1/4" = 1'-0"

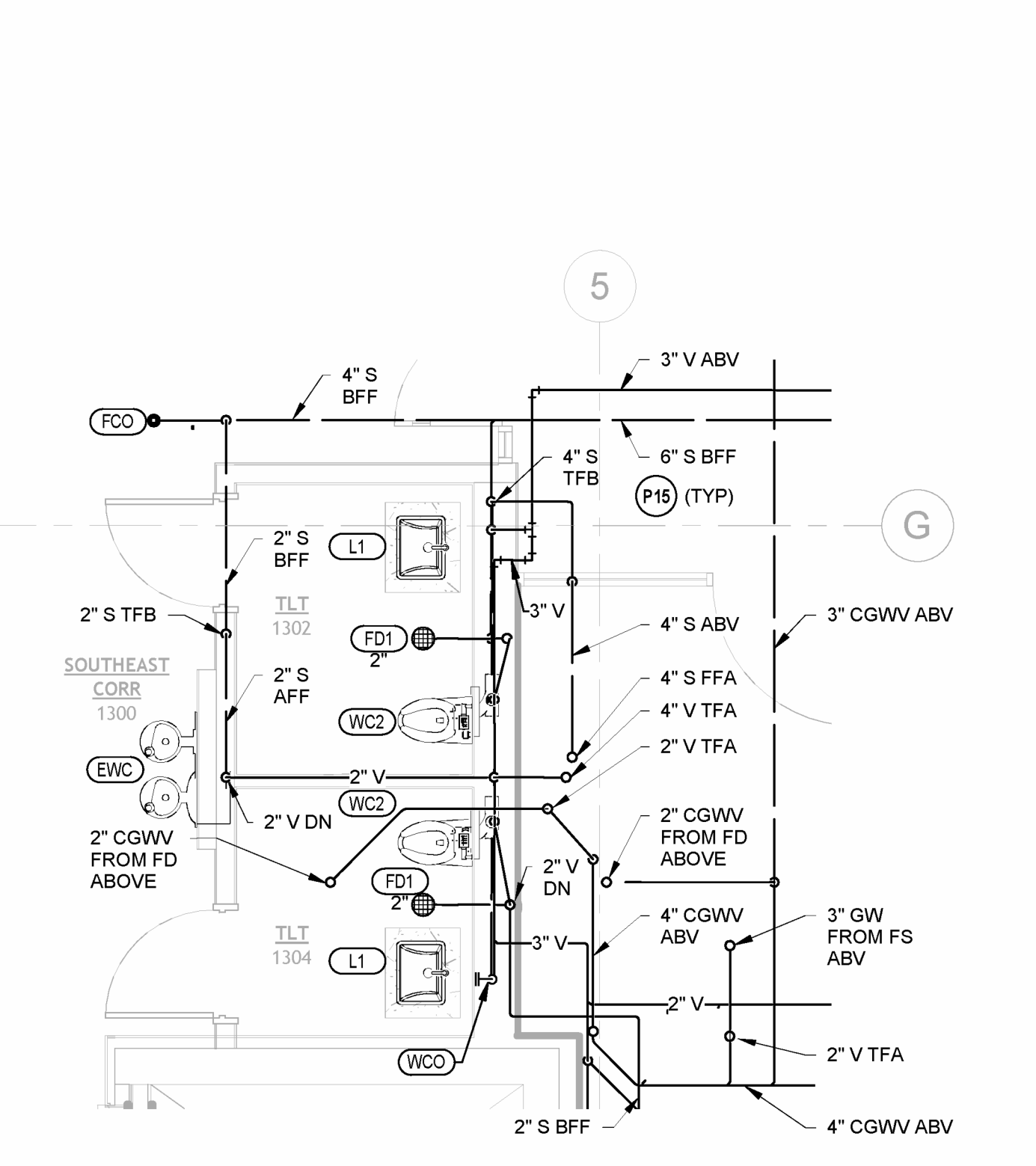
RFI #342



4 ENLARGED PLUMBING WATER AND GAS PLAN - RR 1116 & 1118
1/4" = 1'-0"



2 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1302 & 1304
1/4" = 1'-0"



1 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1302 & 1304
1/4" = 1'-0"

PSW Job Number:
993A
Henderson Job Number:
2150002607



09/23/2024

AWSOM
Bentonville, AR

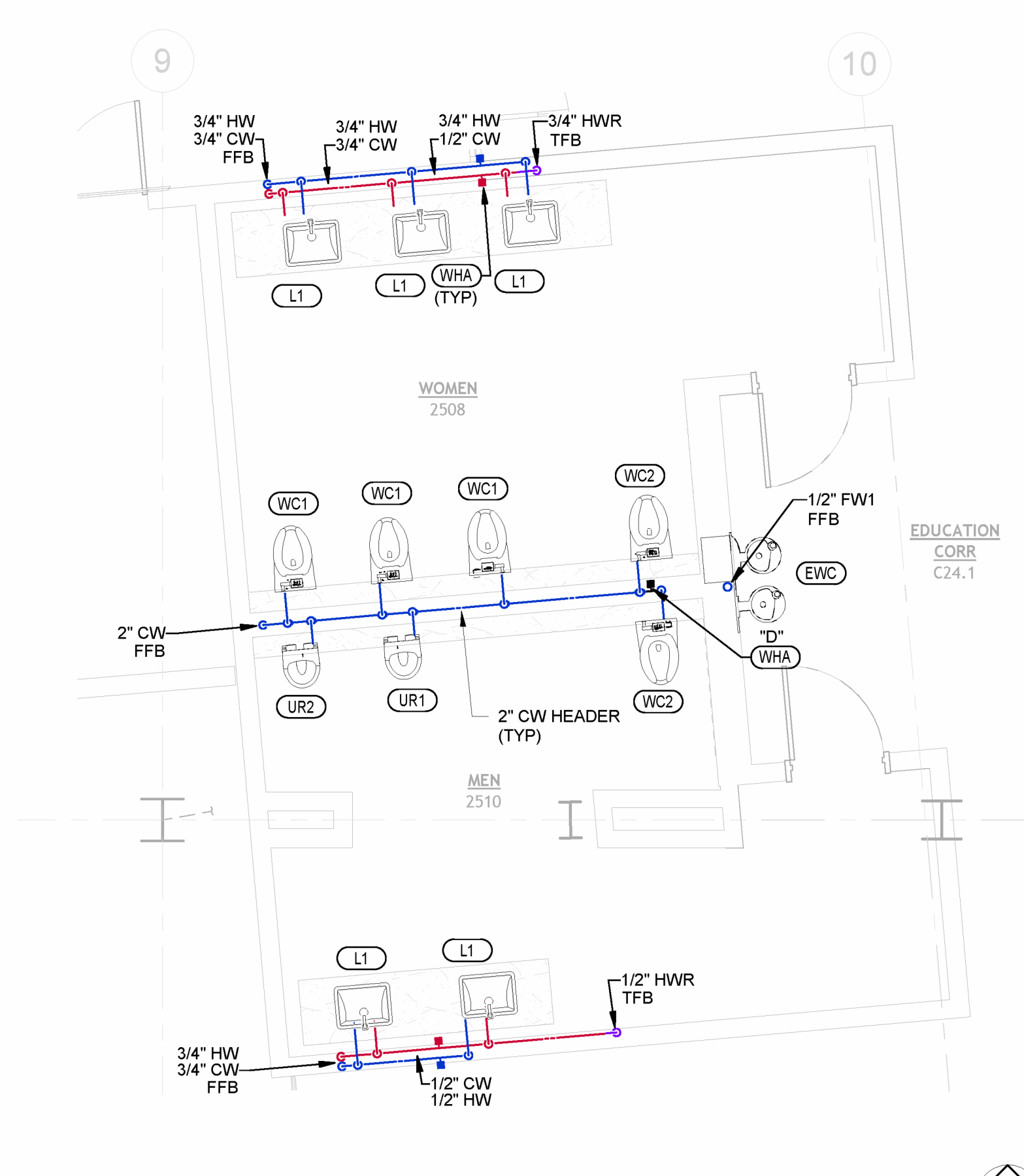
Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
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2	09/23/24	PROJ

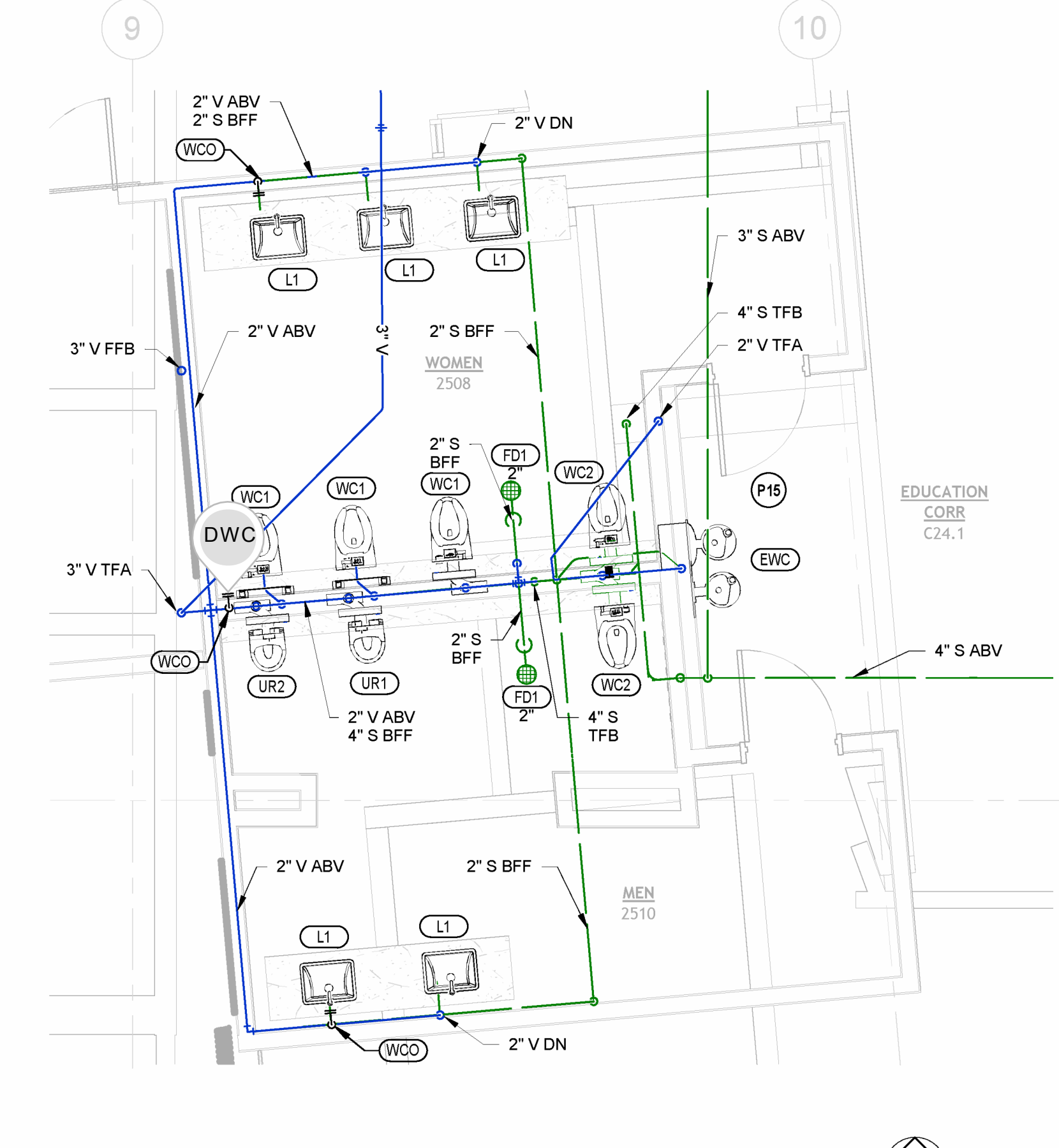
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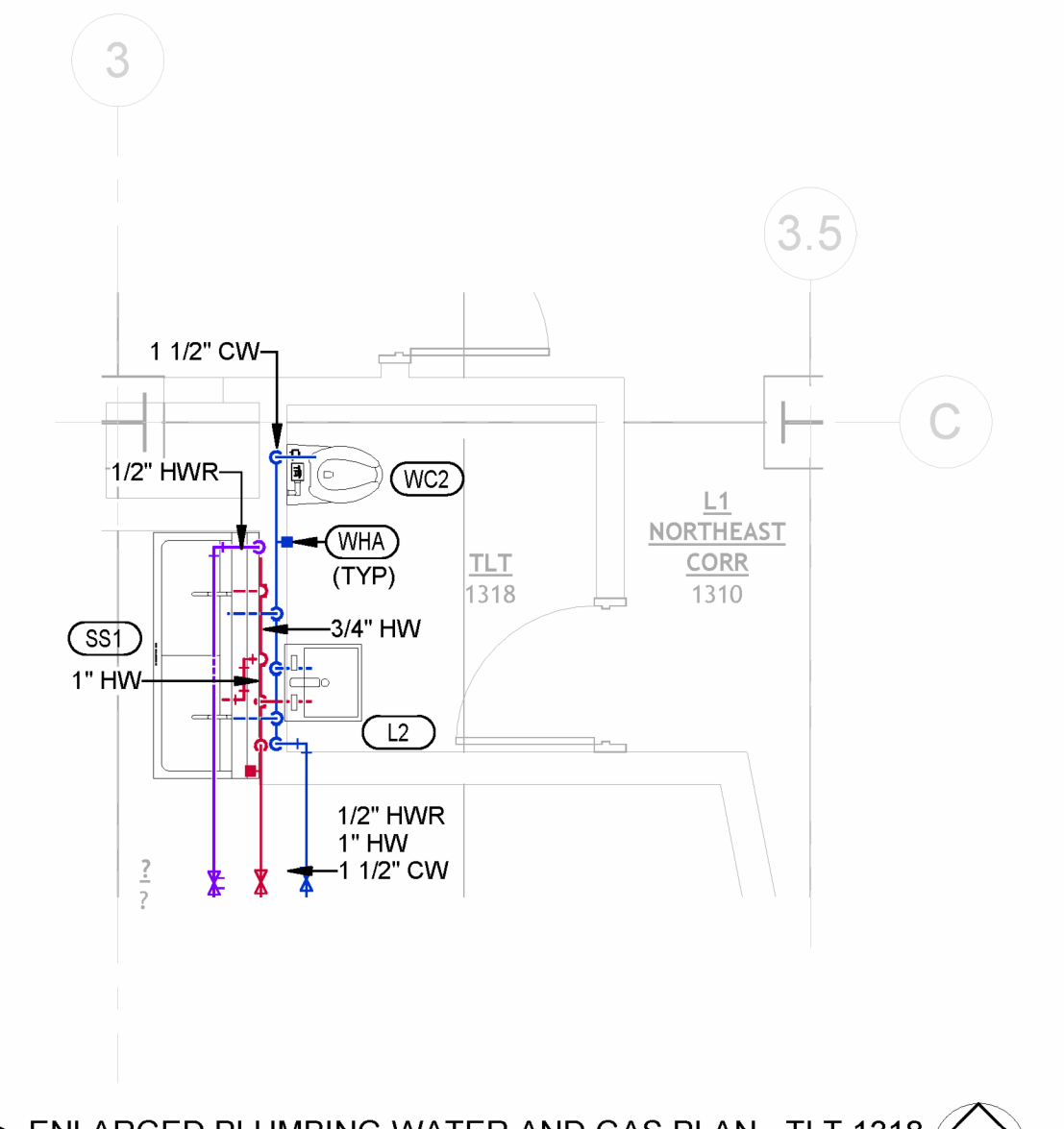
- PLUMBING PLAN NOTES:**
P15 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD SERVING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
P37 1/2" HOT & COLD WATER DROPS TO EMERGENCY MIXING VALVE.
P41 INSTALL FOOT PEDAL VALVE AT BASE OF CABINET FOR OPTIONAL HANDS FREE FAUCET OPERATION. PLUMB FAUCET SO THAT HAND ACTUATED VALVE OR FOOT VALVE WILL OPERATE FAUCET INDIVIDUALLY.



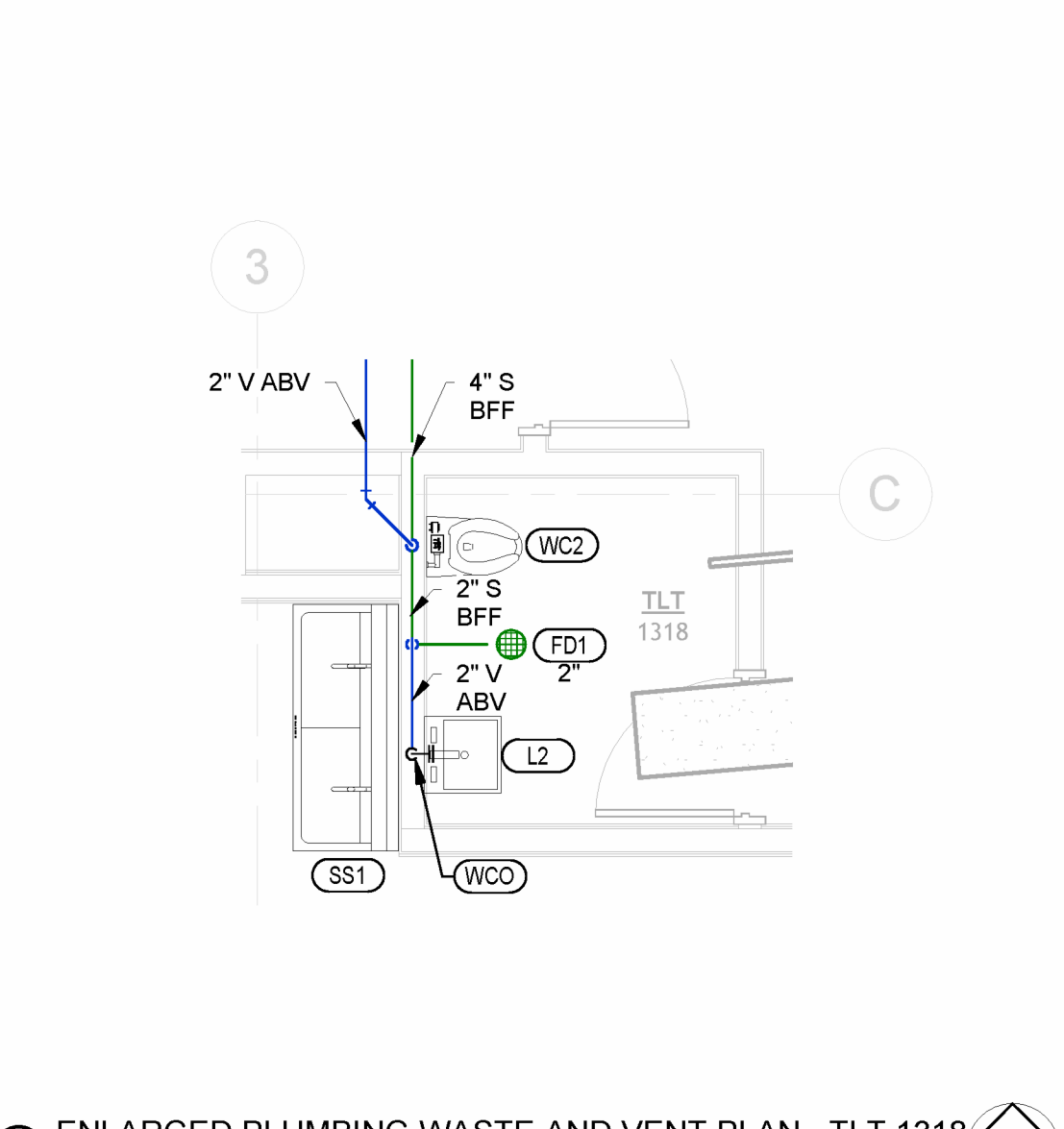
13 ENLARGED PLUMBING WATER AND GAS PLAN - RR 2508 & 2510
1/4" = 1'-0"



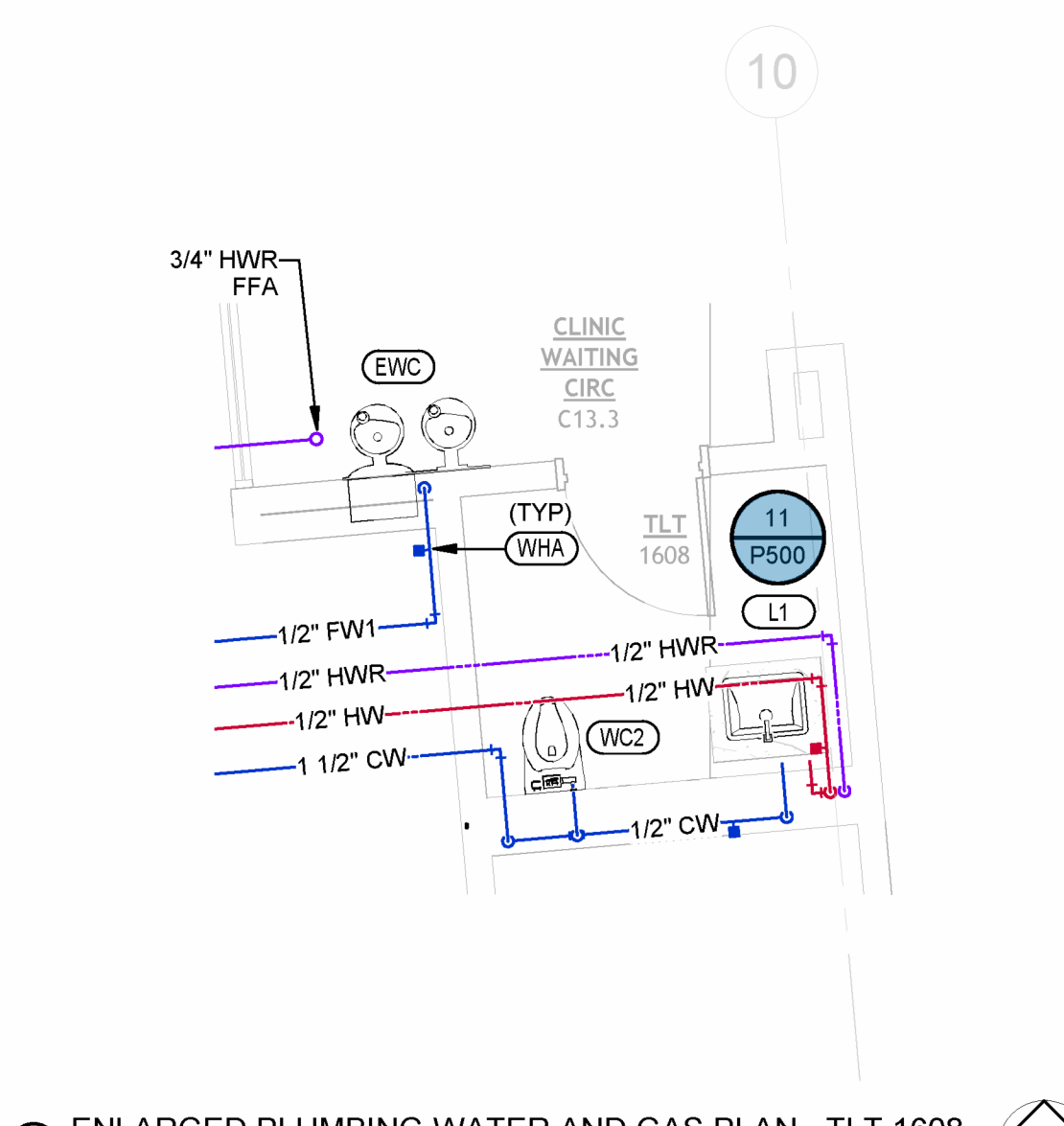
14 ENLARGED PLUMBING WASTE AND VENT PLAN - RR 2508 & 2510
1/4" = 1'-0"



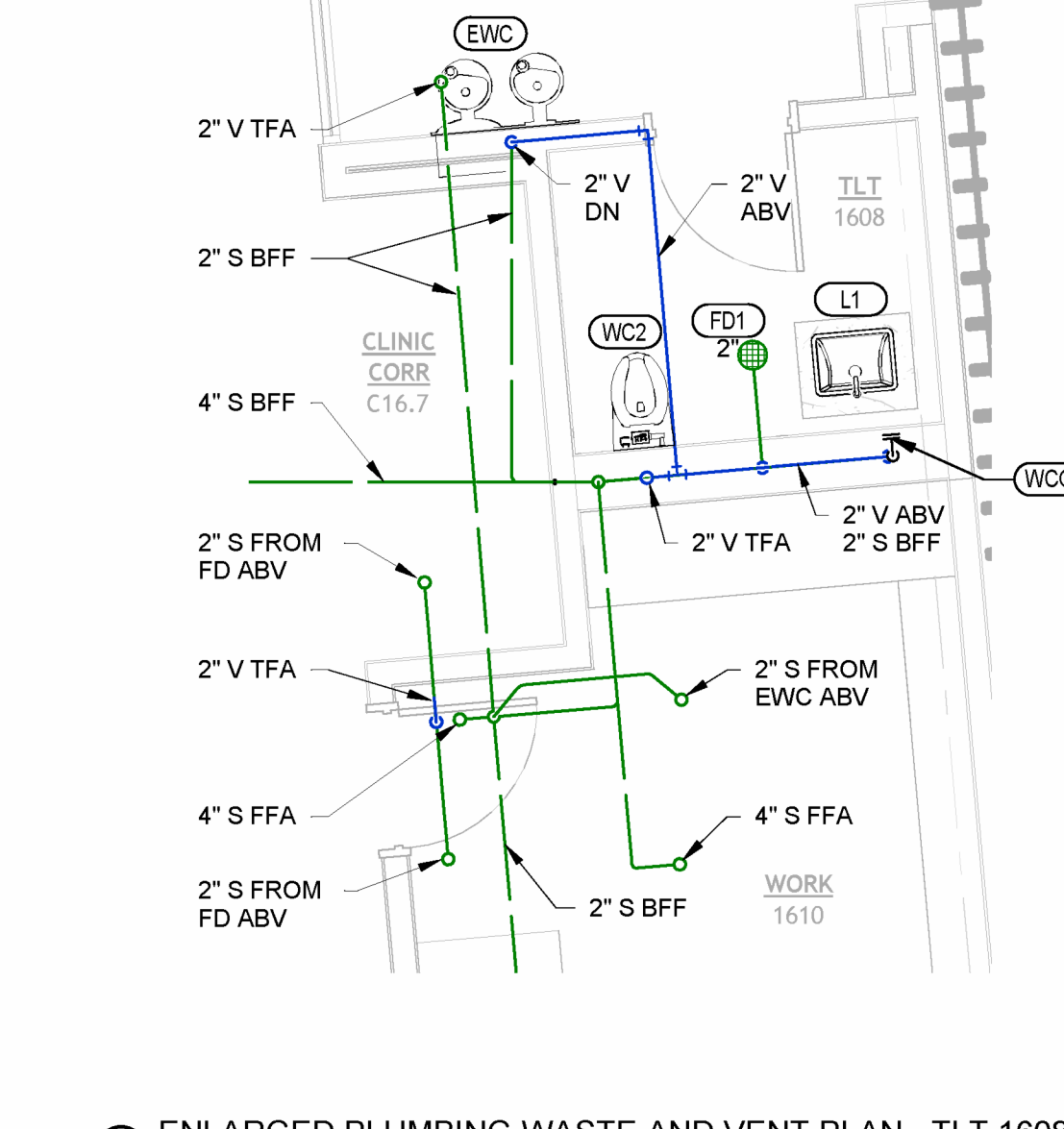
12 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1318
1/4" = 1'-0"



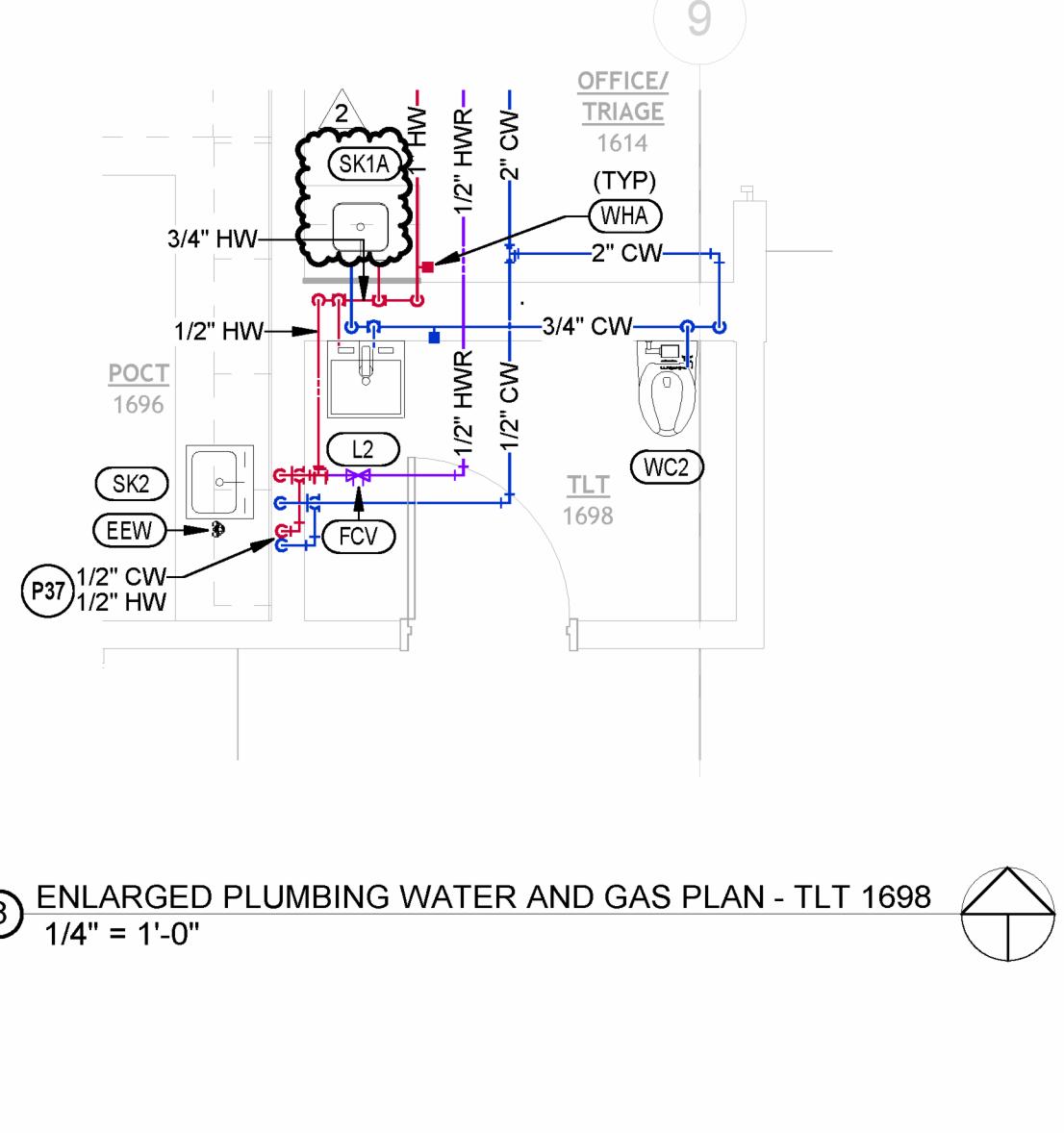
11 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1318
1/4" = 1'-0"



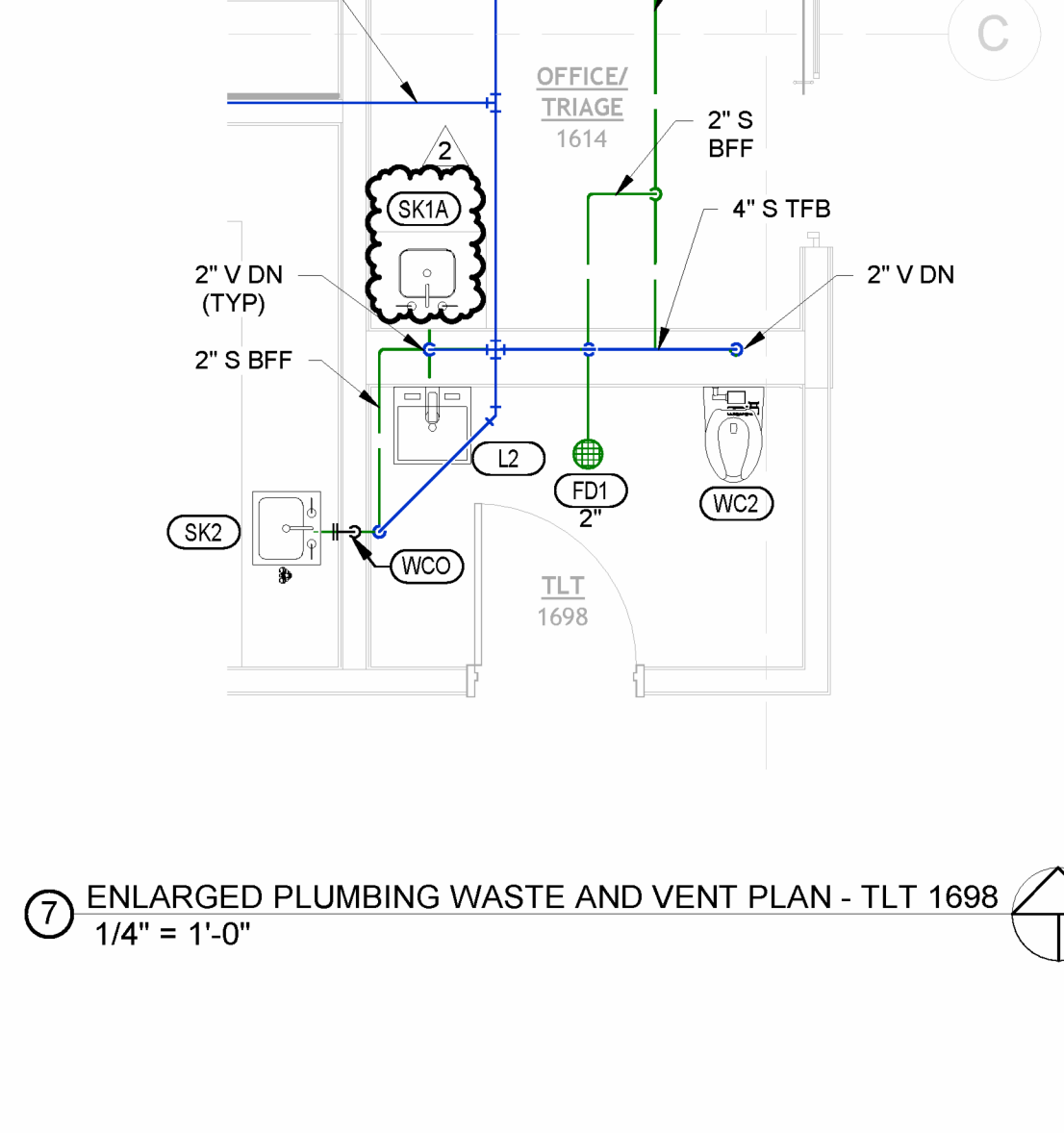
10 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1608
1/4" = 1'-0"



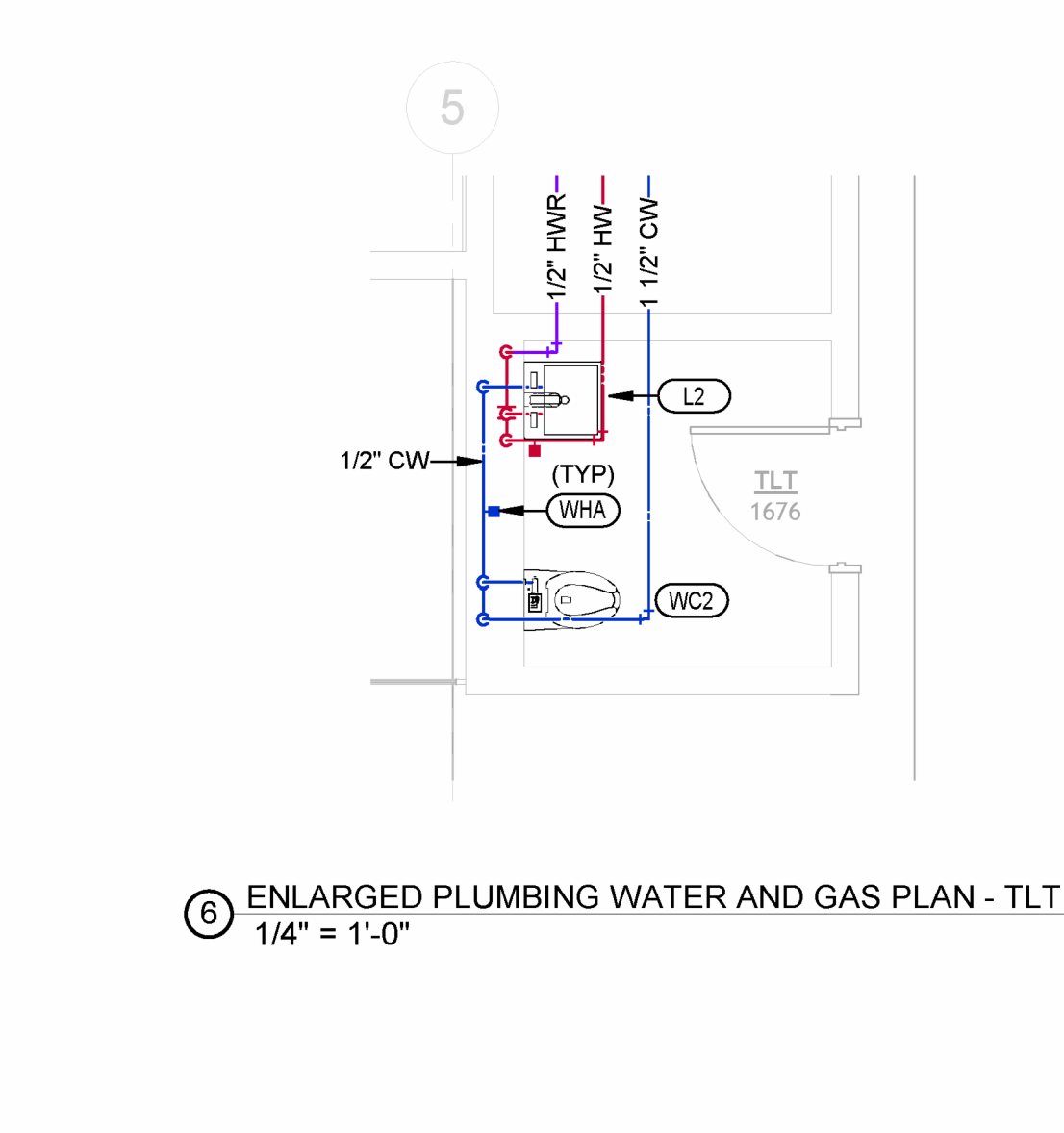
9 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1608
1/4" = 1'-0"



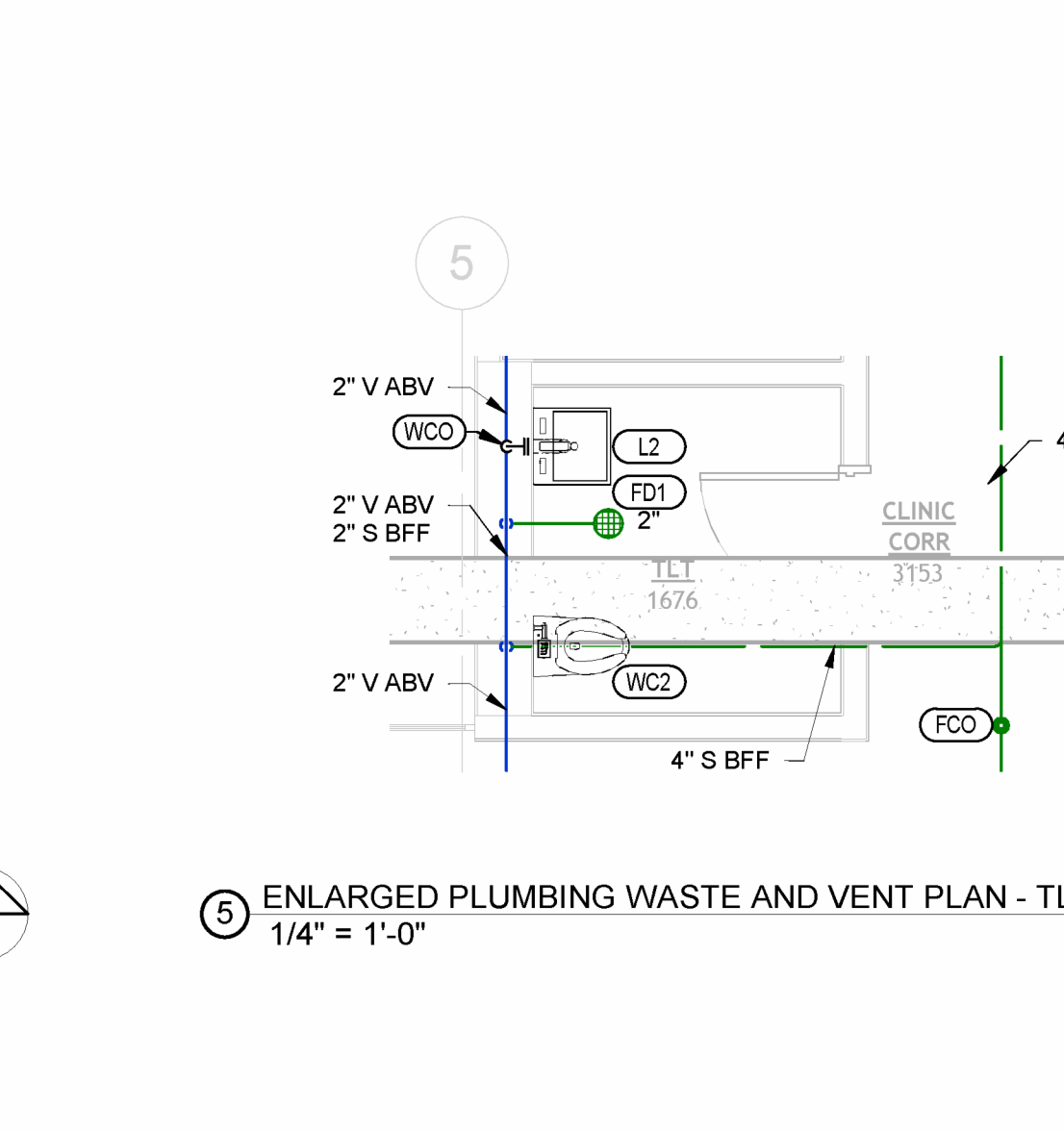
8 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1698
1/4" = 1'-0"



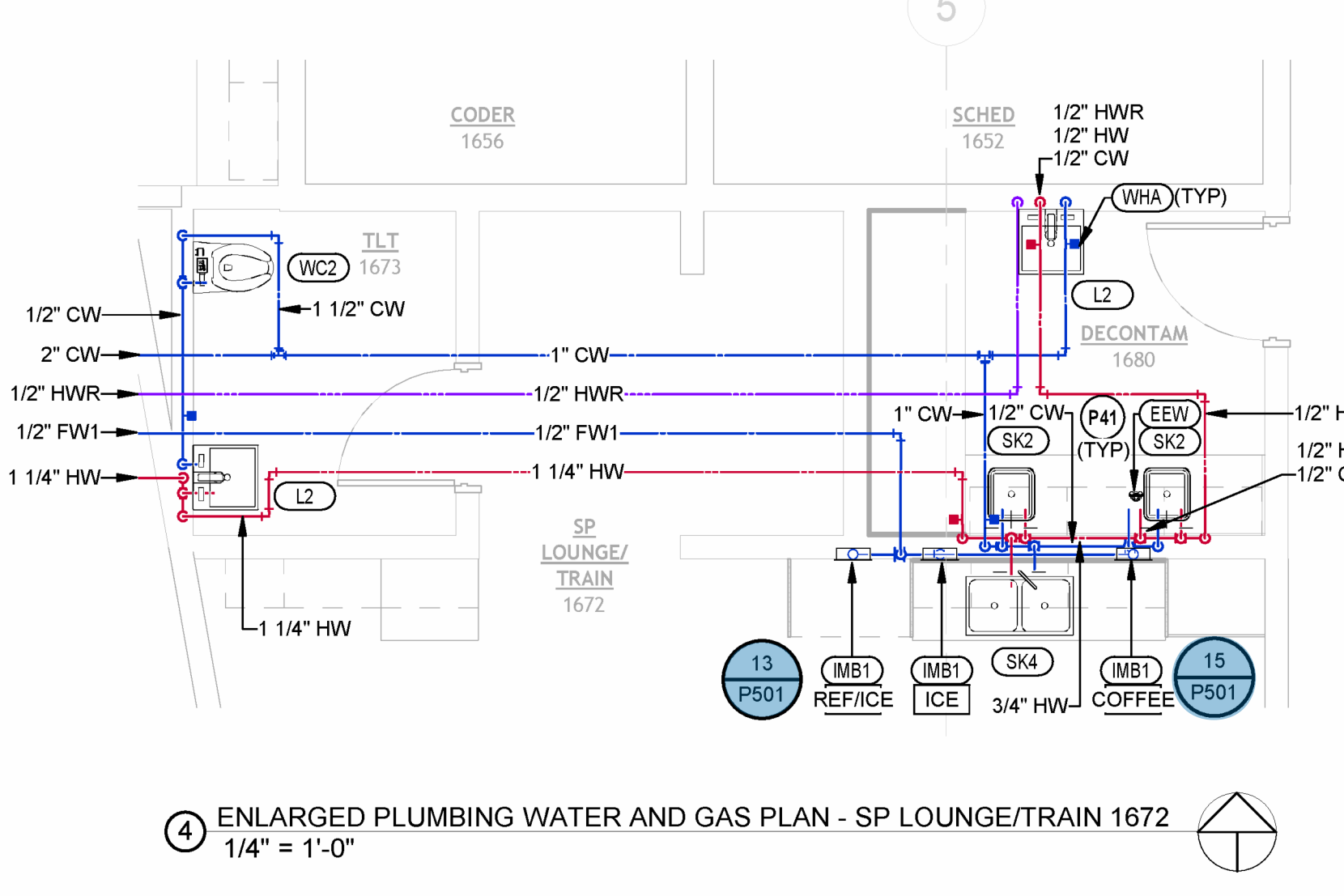
7 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1698
1/4" = 1'-0"



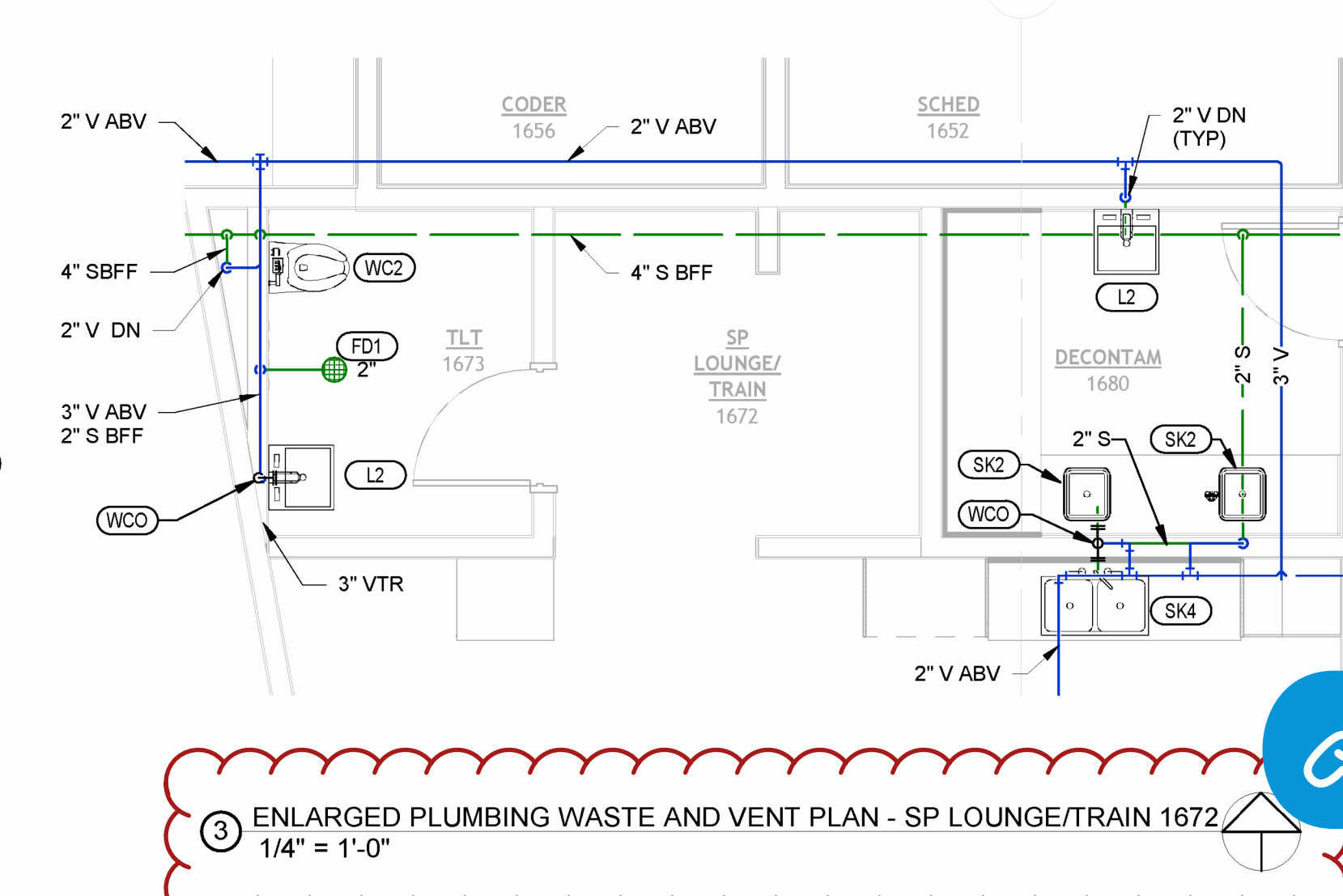
6 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1676
1/4" = 1'-0"



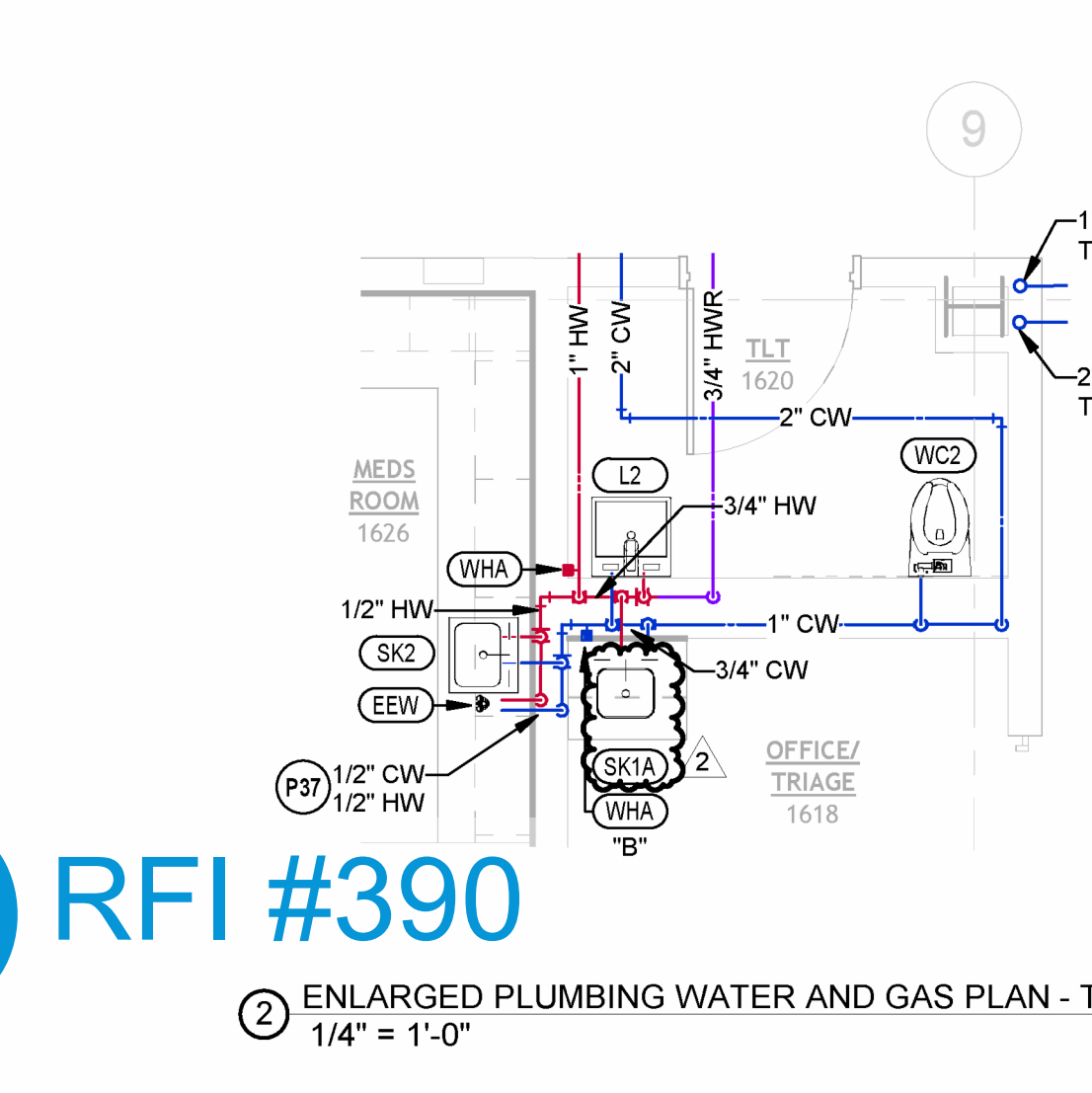
5 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1676
1/4" = 1'-0"



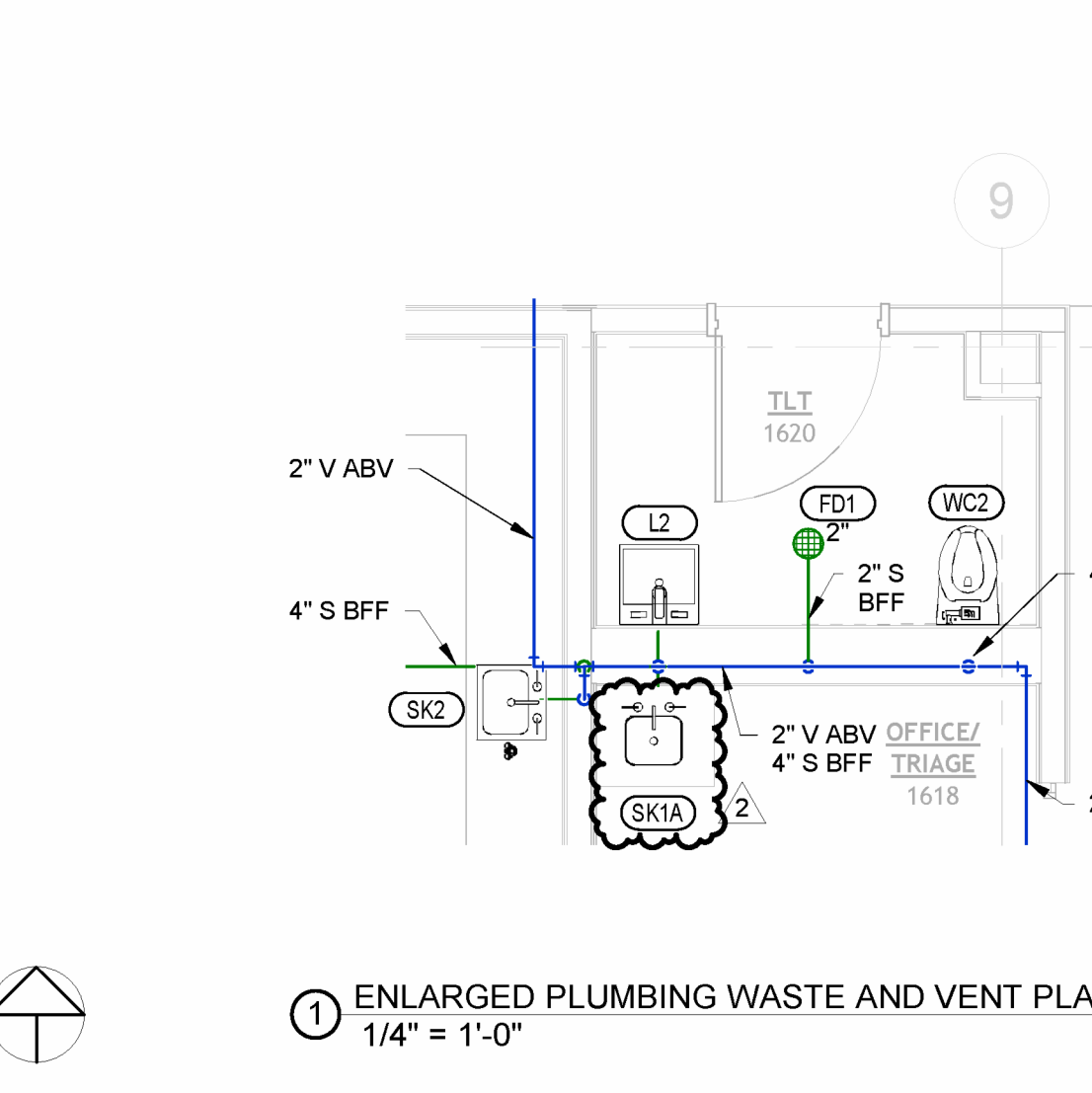
4 ENLARGED PLUMBING WATER AND GAS PLAN - SP LOUNGE/TRAIN 1672
1/4" = 1'-0"



3 ENLARGED PLUMBING WASTE AND VENT PLAN - SP LOUNGE/TRAIN 1672
1/4" = 1'-0"



2 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 1620
1/4" = 1'-0"



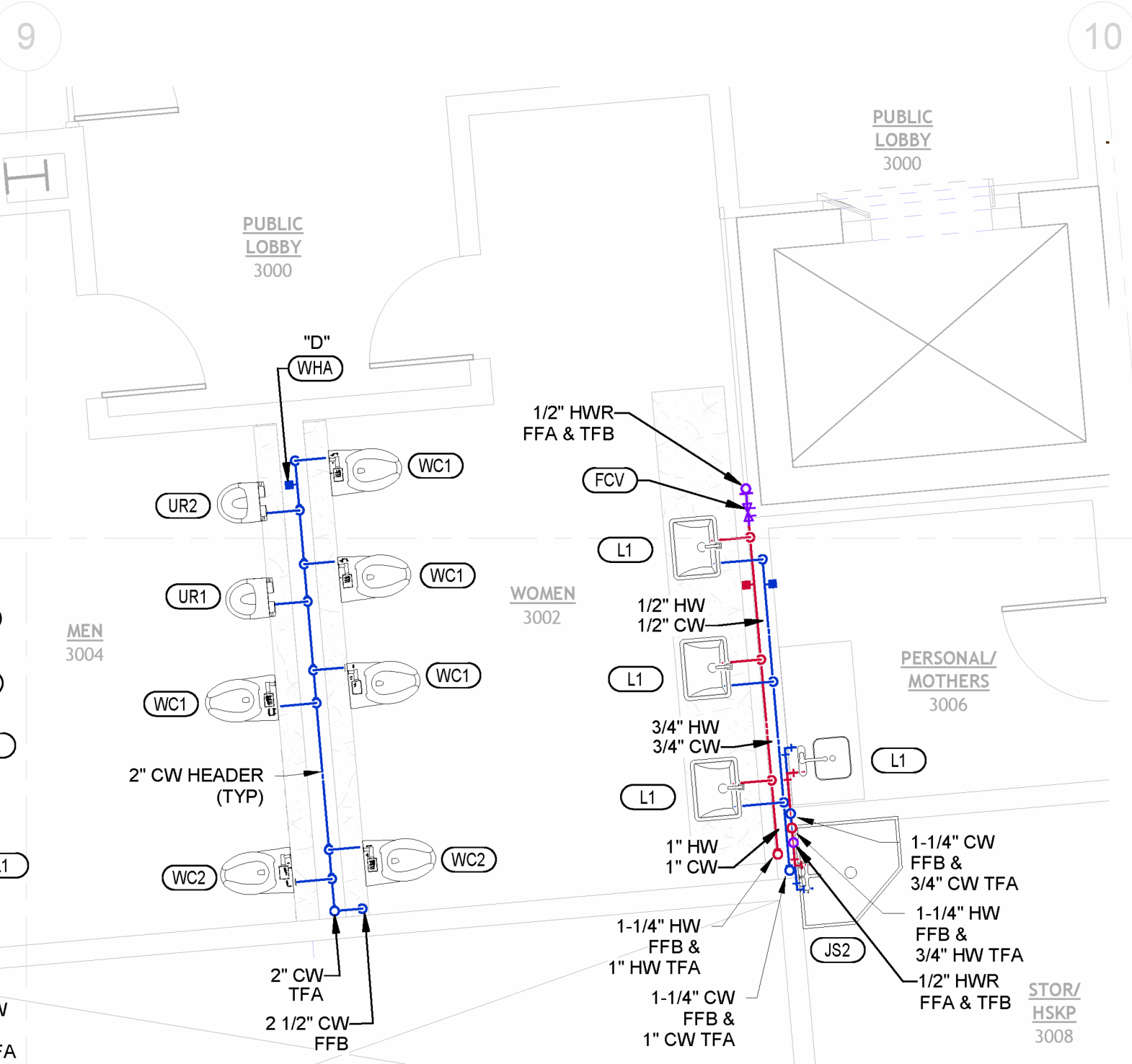
1 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 1620
1/4" = 1'-0"

RFI #390

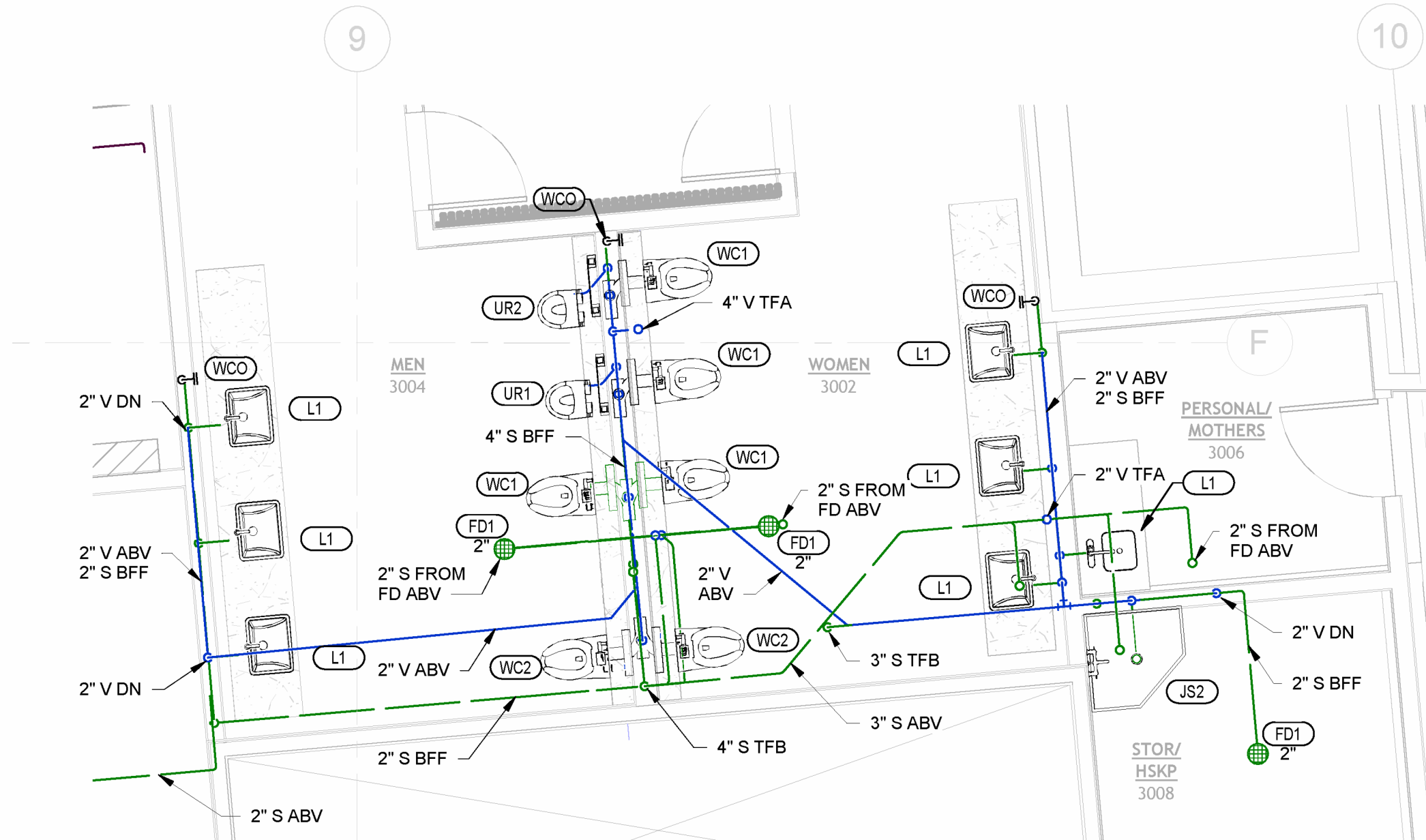


REVISIONS		
NUMBER	DATE	DESCRIPTION
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2	08/02/23	Asst. Design
3	07/26/24	Proposed

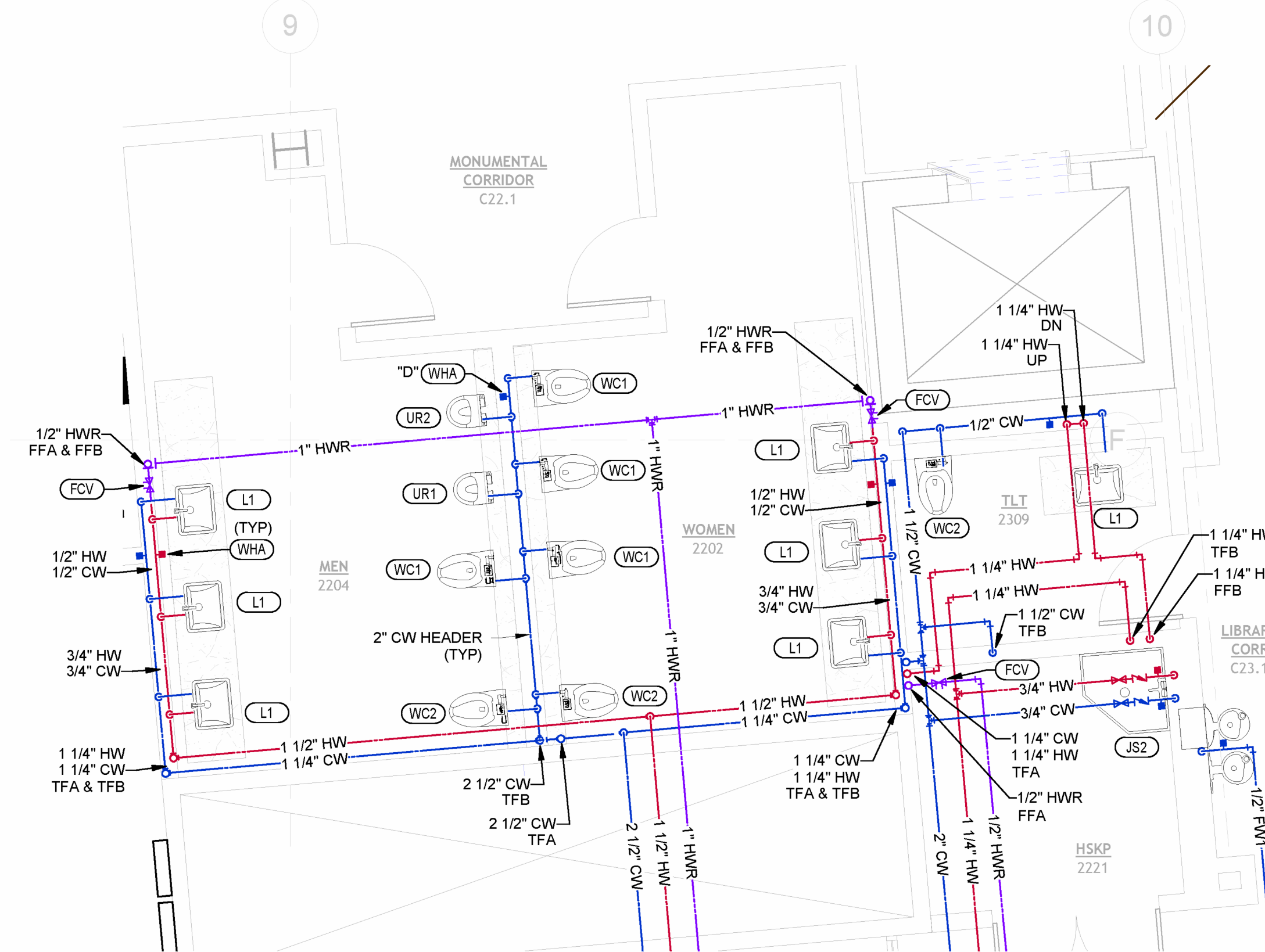
- PLUMBING PLAN NOTES:**
- P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT.
 - P15 SANITARY PIPING ROUTED ABOVE CEILING OR THRU STRUCTURE OVERHEAD SERVING PLUMBING FIXTURE ON LEVEL ABOVE. COORDINATE ROUTING WITH ALL OTHER DISCIPLINES.
 - P25 PROVIDE ACCESS PANEL IN CEILING FOR ACCESS 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.



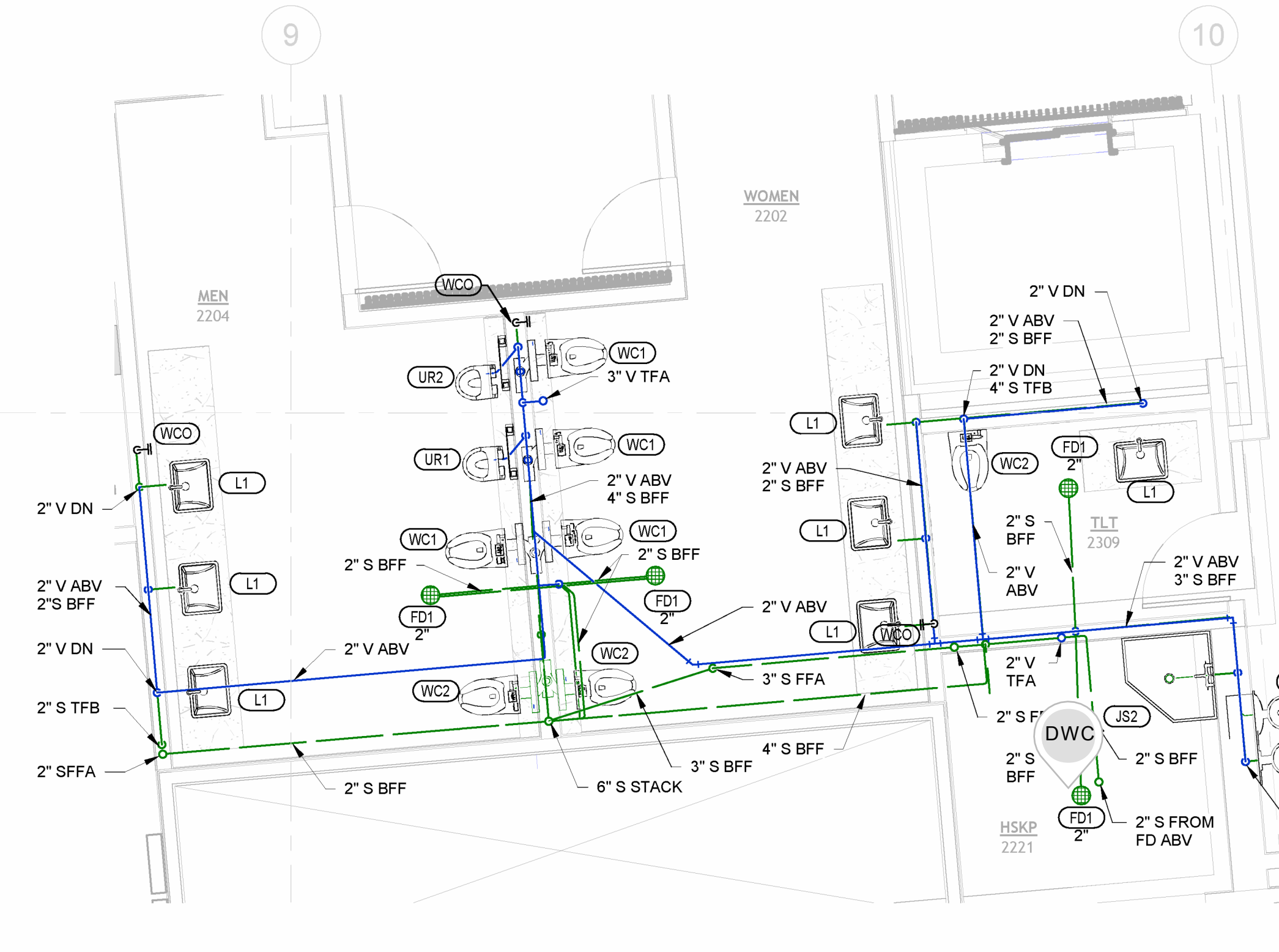
① ENLARGED PLUMBING WATER AND GAS PLAN - RR 3002 & 3004
1/4" = 1'-0"



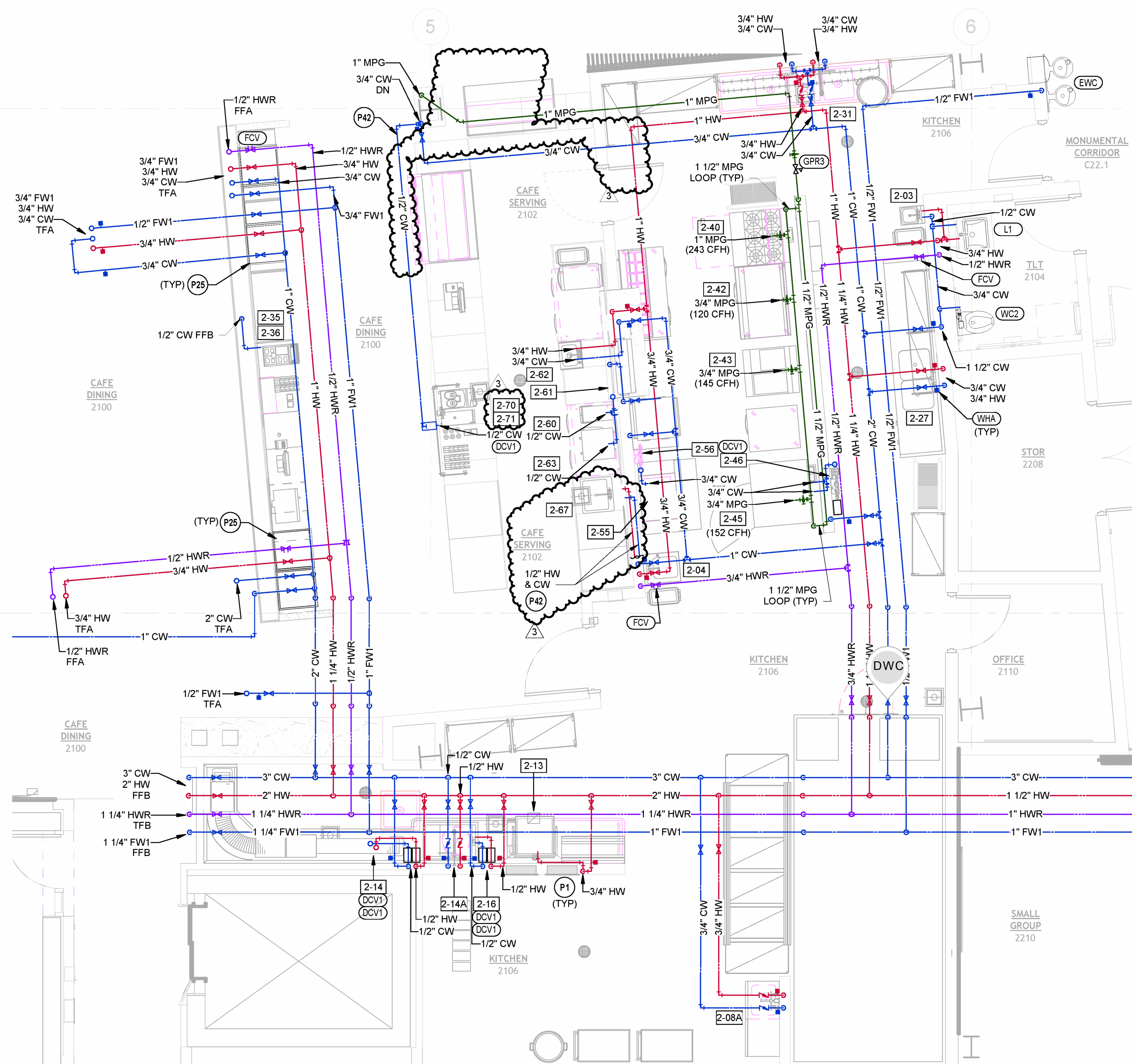
② ENLARGED PLUMBING WASTE AND VENT PLAN - RR 3004 & 3006
1/4" = 1'-0"



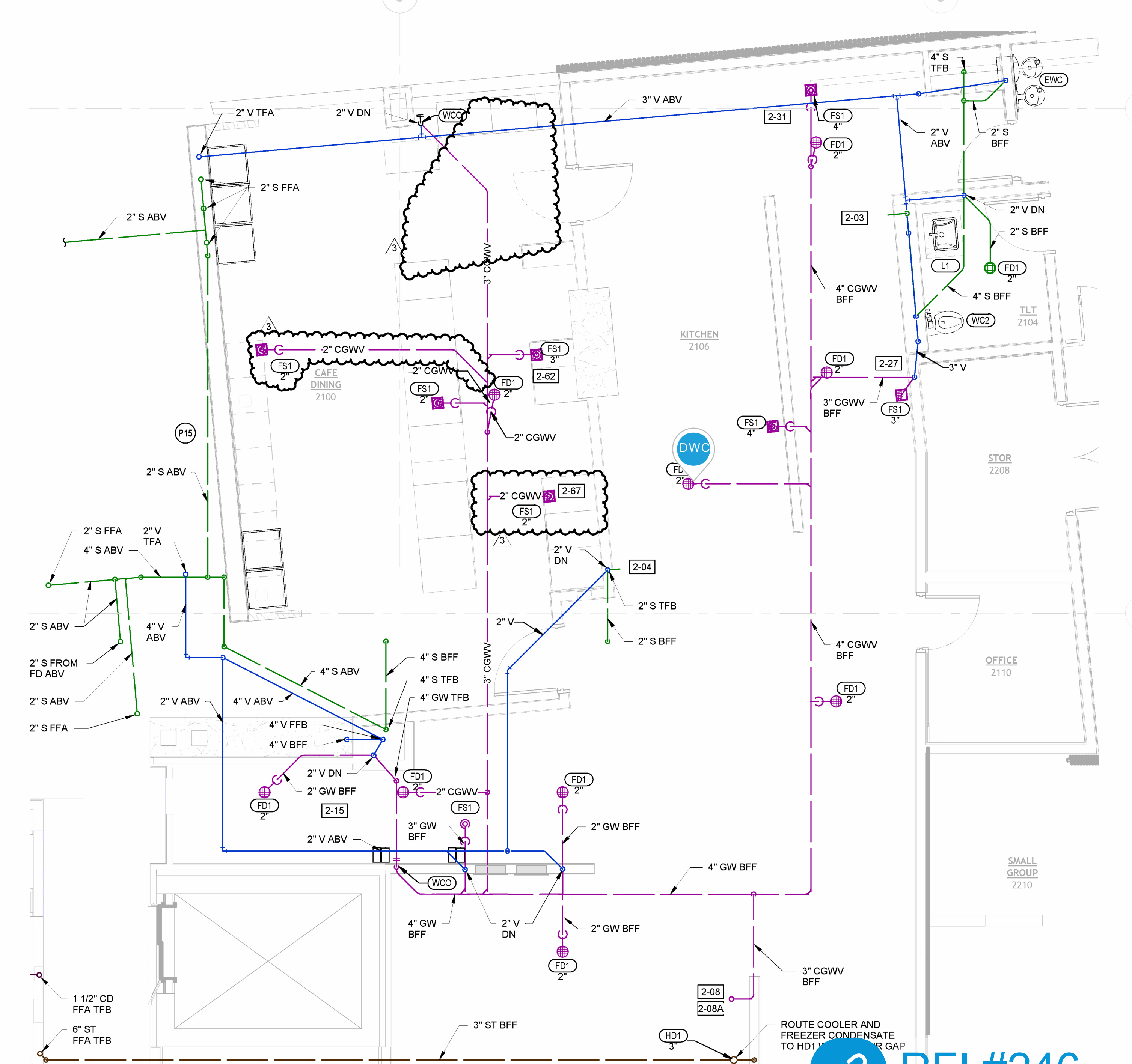
③ ENLARGED PLUMBING WATER AND GAS PLAN - RR 2202 & 2204
1/4" = 1'-0"



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



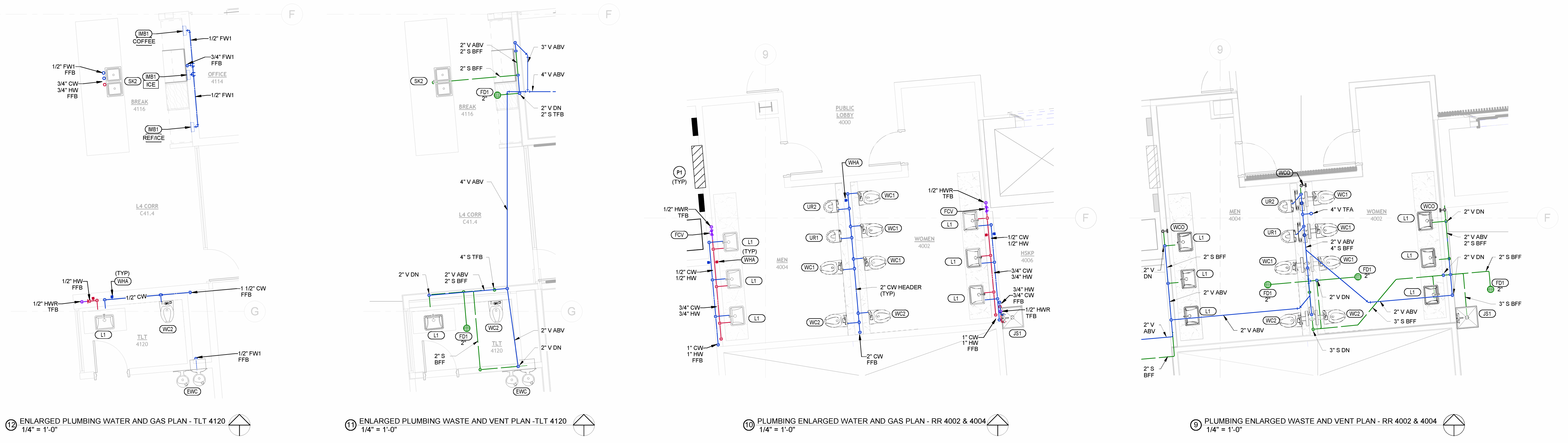
⑤ ENLARGED PLUMBING WATER AND GAS PLAN - CAFE
1/4" = 1'-0"



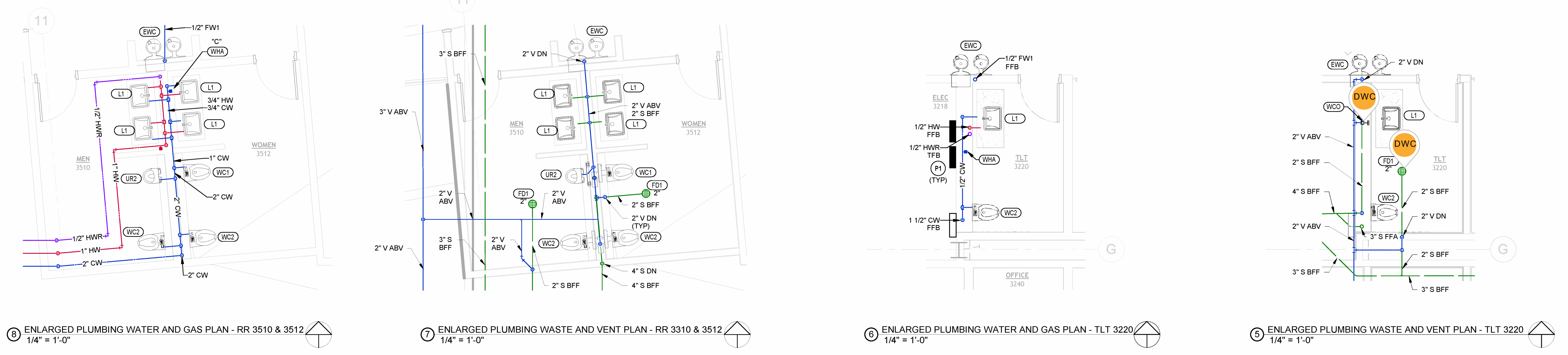
⑥ ENLARGED PLUMBING WASTE AND VENT PLAN - CAFE
1/4" = 1'-0"

RFI #246

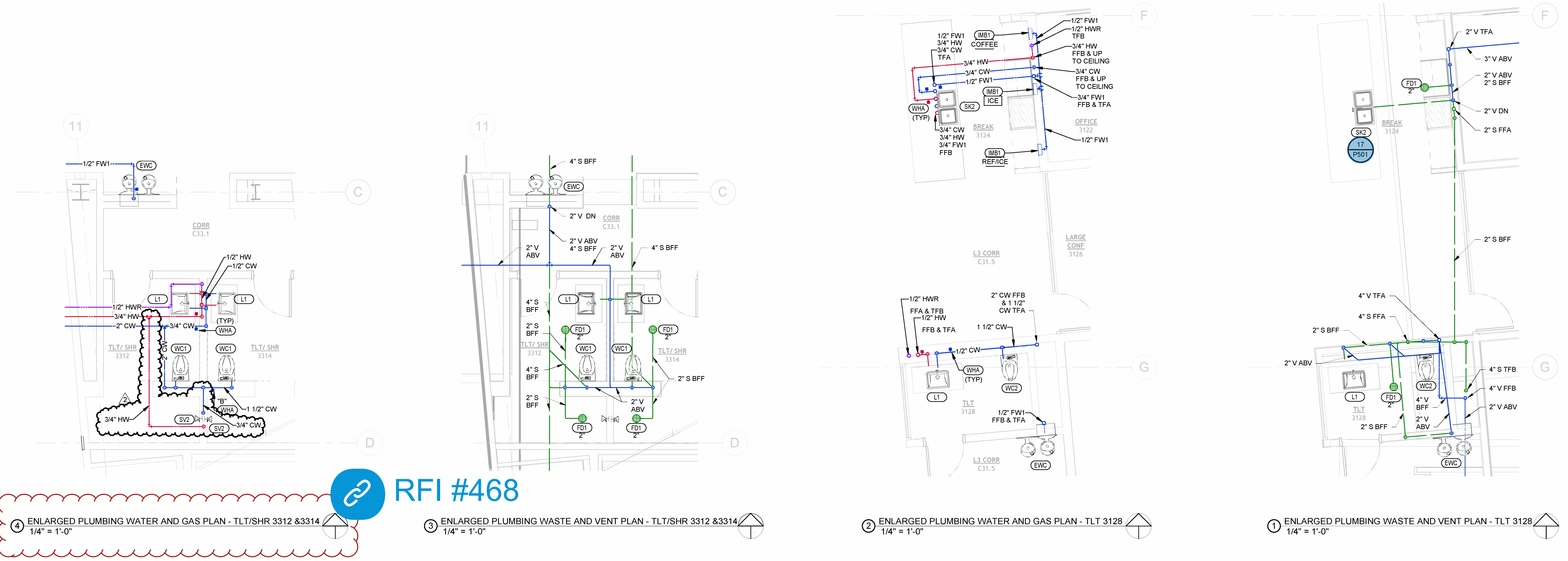
PLUMBING PLAN NOTES:
P1 DO NOT INSTALL PLUMBING PIPING OVER ELECTRICAL PANELS OR EQUIPMENT



12 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 4120 1/4" = 1'-0"
11 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 4120 1/4" = 1'-0"
10 PLUMBING ENLARGED WATER AND GAS PLAN - RR 4002 & 4004 1/4" = 1'-0"
9 PLUMBING ENLARGED WASTE AND VENT PLAN - RR 4002 & 4004 1/4" = 1'-0"



8 ENLARGED PLUMBING WATER AND GAS PLAN - RR 3510 & 3512 1/4" = 1'-0"
7 ENLARGED PLUMBING WASTE AND VENT PLAN - RR 3310 & 3512 1/4" = 1'-0"
6 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 3220 1/4" = 1'-0"
5 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 3220 1/4" = 1'-0"



4 ENLARGED PLUMBING WATER AND GAS PLAN - TLT/SHR 3312 & 3314 1/4" = 1'-0"
3 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT/SHR 3312 & 3314 1/4" = 1'-0"
2 ENLARGED PLUMBING WATER AND GAS PLAN - TLT 3128 1/4" = 1'-0"
1 ENLARGED PLUMBING WASTE AND VENT PLAN - TLT 3128 1/4" = 1'-0"

RFI #468

PSW Job Number:
993A
Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/23/23	Aspermation
2	09/23/24	PRO-083

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PLUMBING ENLARGED PLANS

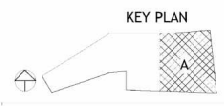


12/07/2023

PLUMBING PLAN NOTES:
1. ALL MEDICAL GAS PIPING SHALL BE 1/2" UNION BRASS
2. PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
3. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
4. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
5. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
6. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
7. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
8. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
9. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
10. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
11. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE
12. ALL MEDICAL GAS PIPING SHALL BE INSTALLED TO SERVE ALL FUTURE



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





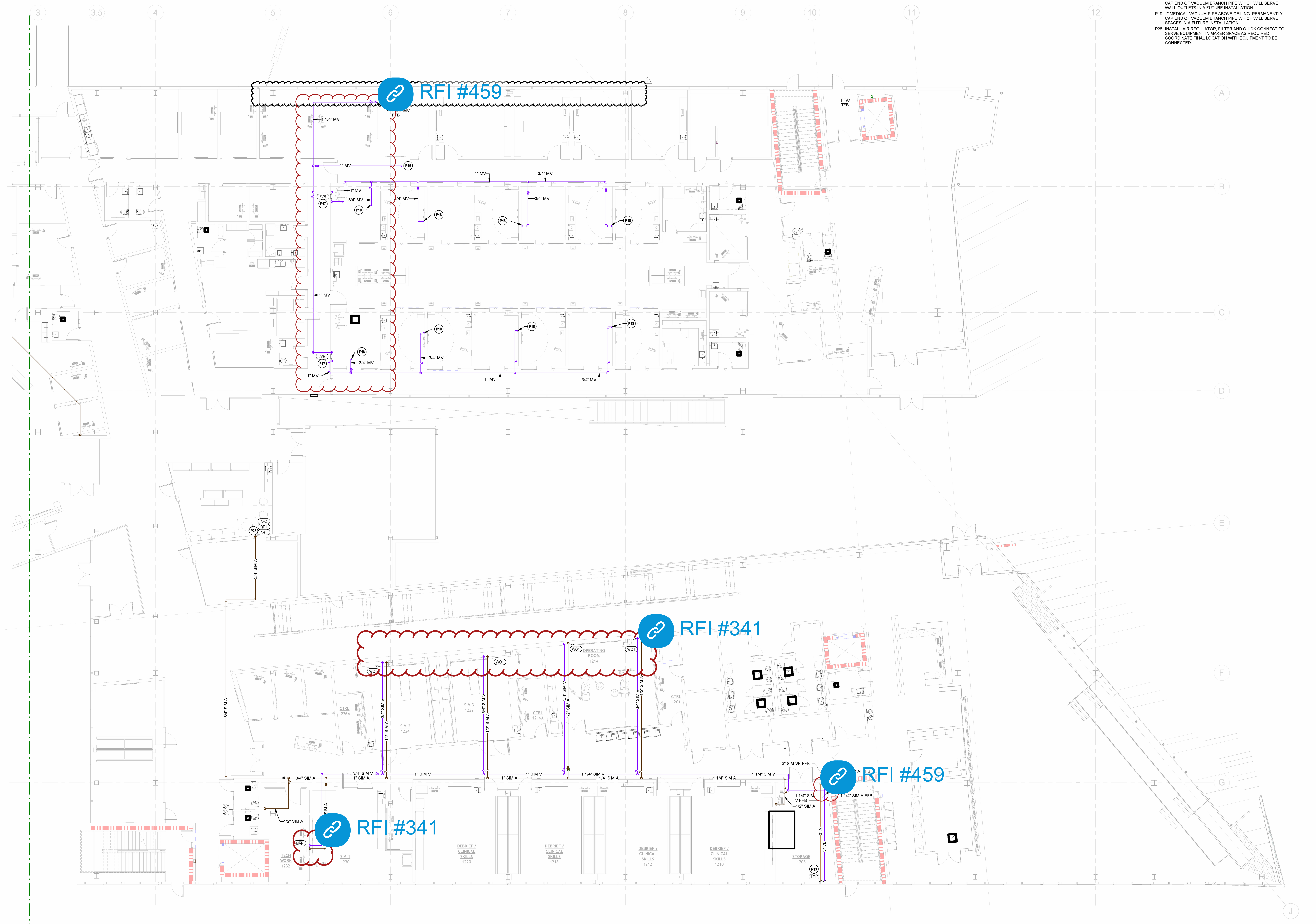
12/07/2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
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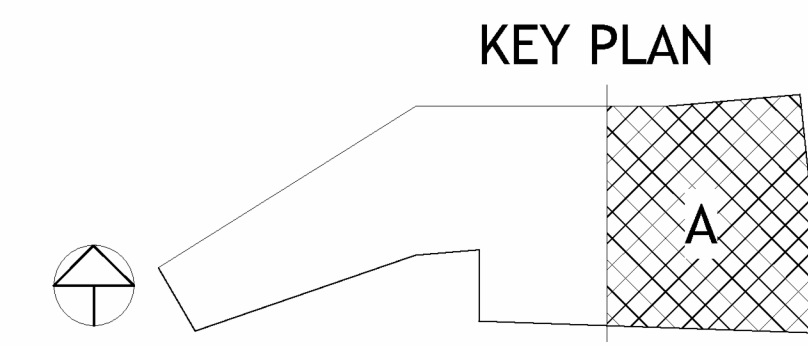
Contents:
PLUMBING
MEDICAL GAS -
LEVEL 1 PLAN -
AREA A

PLUMBING PLAN NOTES:

- P13 AIR INTAKE AND VACUUM EXHAUST PIPING TO BE ROUTED THROUGH EXTERIOR WALL. COORDINATE FINAL PIPE ROUTING WITH ARCHITECT ELEVATIONS AND DETAILS. SPECIFIC EXTERIOR WALL PENETRATIONS MUST BE FOLLOWED FOR SPANDREL PANELS.
- P17 INSTALL MEDICAL VACUUM ZONE VALVE IN ZONE VALVE BOX. TURN VALVE TO OFF POSITION AND REMOVE THE HANDLE. LABEL THE VALVE AS NOT IN USE.
- P18 3/4" MEDICAL VACUUM PIPE ABOVE CEILING. PERMANENTLY CAP END OF VACUUM BRANCH PIPE WHICH WILL SERVE WALL OUTLETS IN A FUTURE INSTALLATION.
- P19 1" MEDICAL VACUUM PIPE ABOVE CEILING. PERMANENTLY CAP END OF VACUUM BRANCH PIPE WHICH WILL SERVE SPACES IN A FUTURE INSTALLATION.
- P20 INSTALL AIR REGULATOR, FILTER AND QUICK CONNECT TO SERVE EQUIPMENT IN MAKER SPACE AS REQUIRED. COORDINATE FINAL LOCATION WITH EQUIPMENT TO BE CONNECTED.



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





PLUMBING PLAN NOTES:

**POLK
STANLEY
WILCOX**

80 Southpark Drive
Little Rock, AR 72229
501-783-2000
500 N. Sang Dr. Little Rock
Arkansas, AR 72207
501-485-8500
polkstanleywilcox.com

CS&E
McCallister Consulting Engineers, Inc.
1000 S. UNIVERSITY
ARLINGTON, VA 22202
P. 703.442.0217

LANDSCAPE
LTD. INC. LANDSCAPE ARCHITECTS
1000 N. UNIVERSITY
ARLINGTON, VA 22202
P. 703.442.0217

MECHANICAL
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

MECHANICAL
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
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SUSTAINABILITY
S&S SUSTAINABILITY CONSULTANTS
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

STRUCTURAL
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

WATER
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

WATER
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

WATER
McCallister Consulting Engineers
1000 S. UNIVERSITY RD, STE 200
ARLINGTON, VA 22202
P. 703.442.0217

PSN Job Number:
993A
Hardware Job Number:
2150002607



12/07/2023

AWSON
Bentonville, AR

Issue Date:
02-24-2023
NUMBER: 000000 | 000000
DATE: 000000 | 000000

Content:
**PLUMBING
MEDICAL GAS -
LEVEL 2 PLAN -
AREA A**

PLUMBING MEDICAL GAS - LEVEL 2 PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



THIS PAGE IS BEST
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P302A

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:
993A
 Henderson Job Number:
2150002607



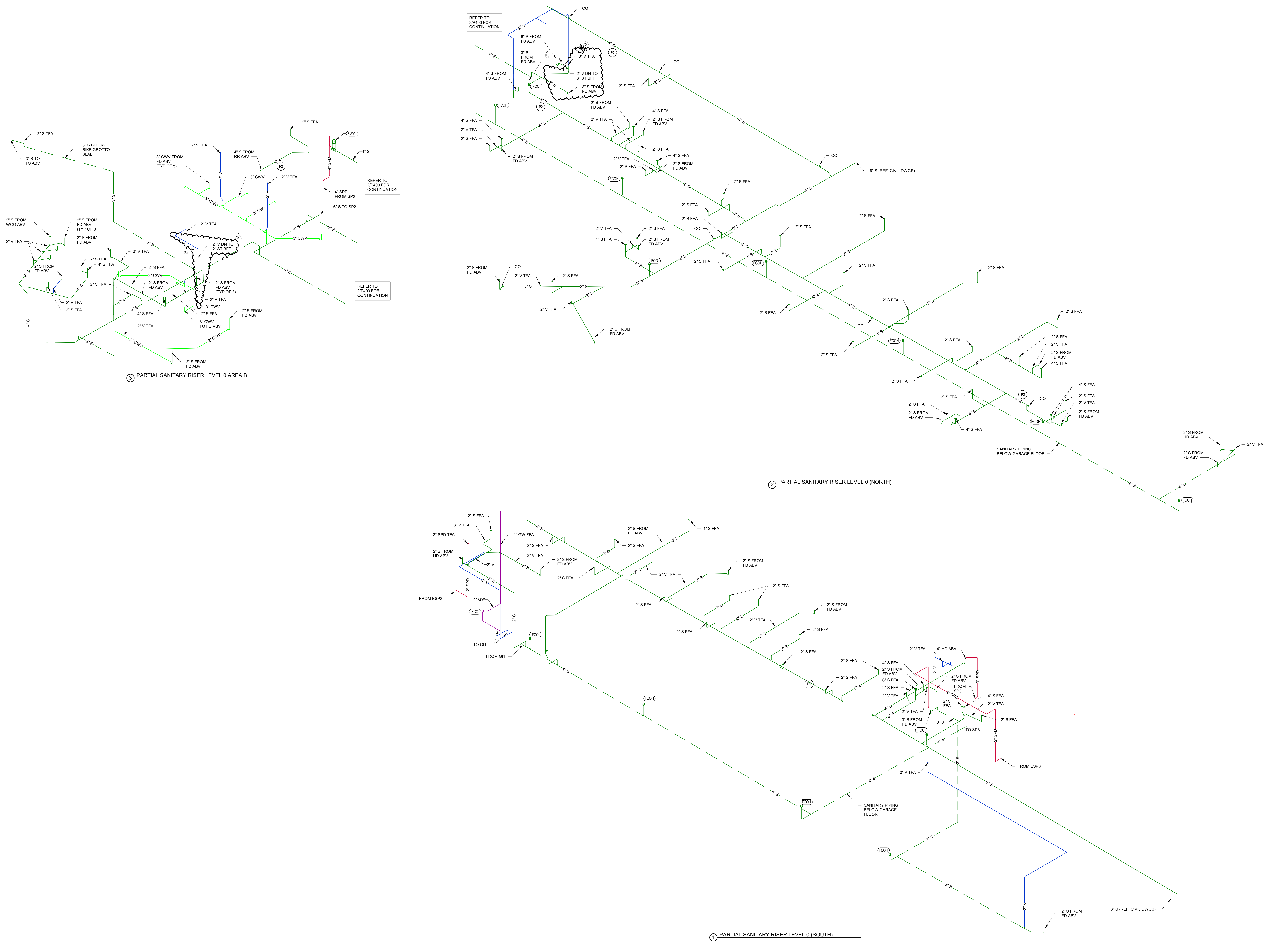
06/07/2023

AWSOM
 Bentonville, AR

Issue Date:
02.24.2023

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

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PLUMBING RISER DIAGRAMS



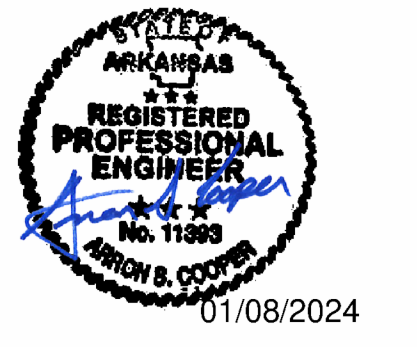
③ PARTIAL SANITARY RISER LEVEL 0 AREA B

② PARTIAL SANITARY RISER LEVEL 0 (NORTH)

① PARTIAL SANITARY RISER LEVEL 0 (SOUTH)

ENTIRE SHEET
 UPDATED

PSW Job Number:
993A
Henderson Job Number:
2150002607

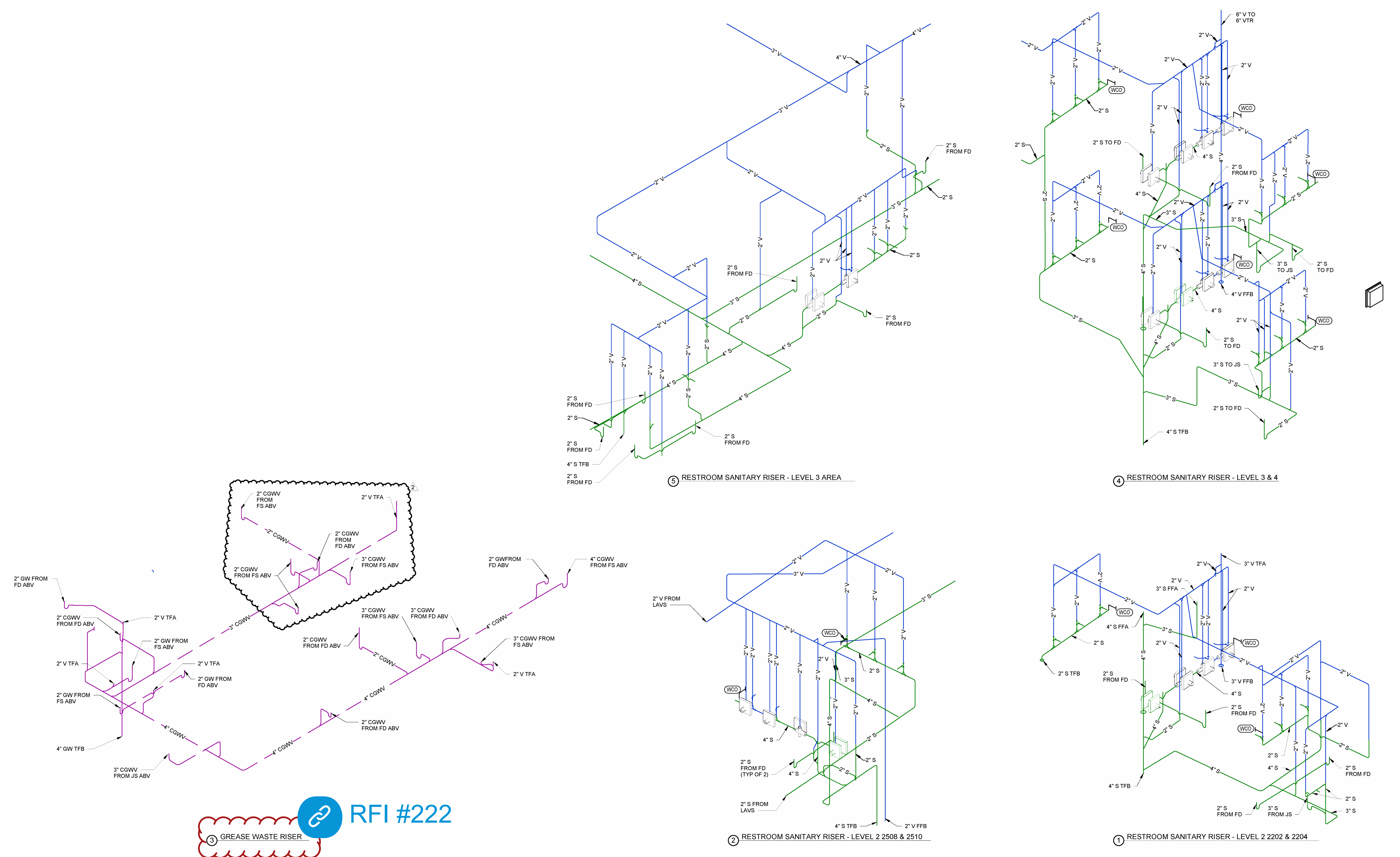


AWSOM
Bentonville, AR

Issue Date:
02.24.2023

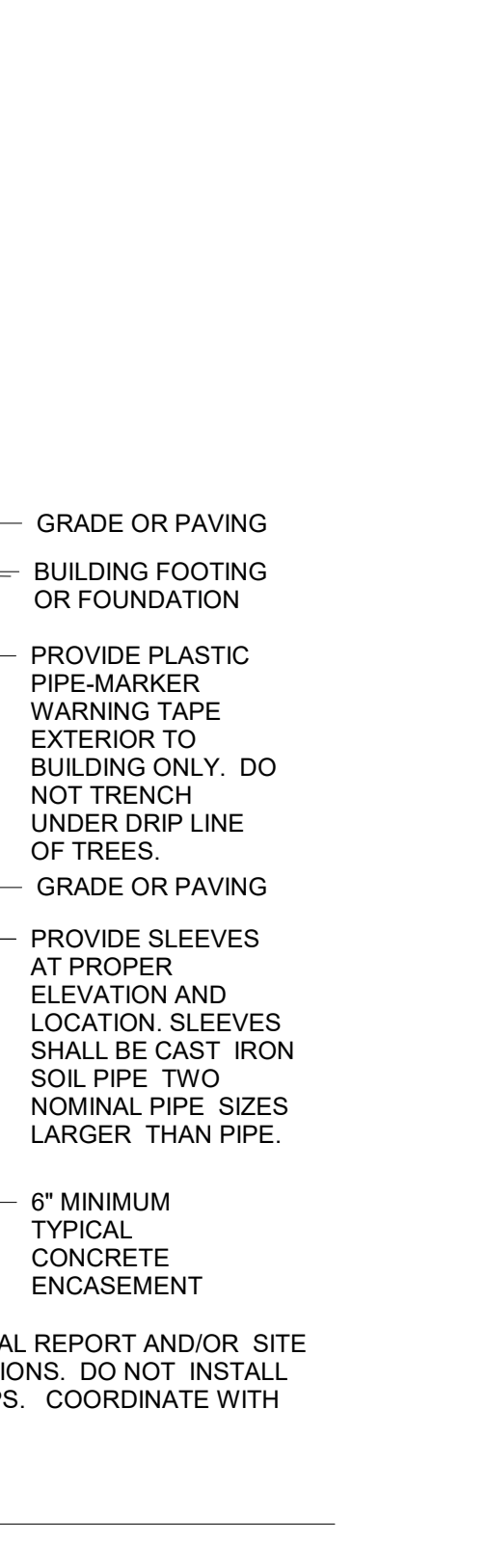
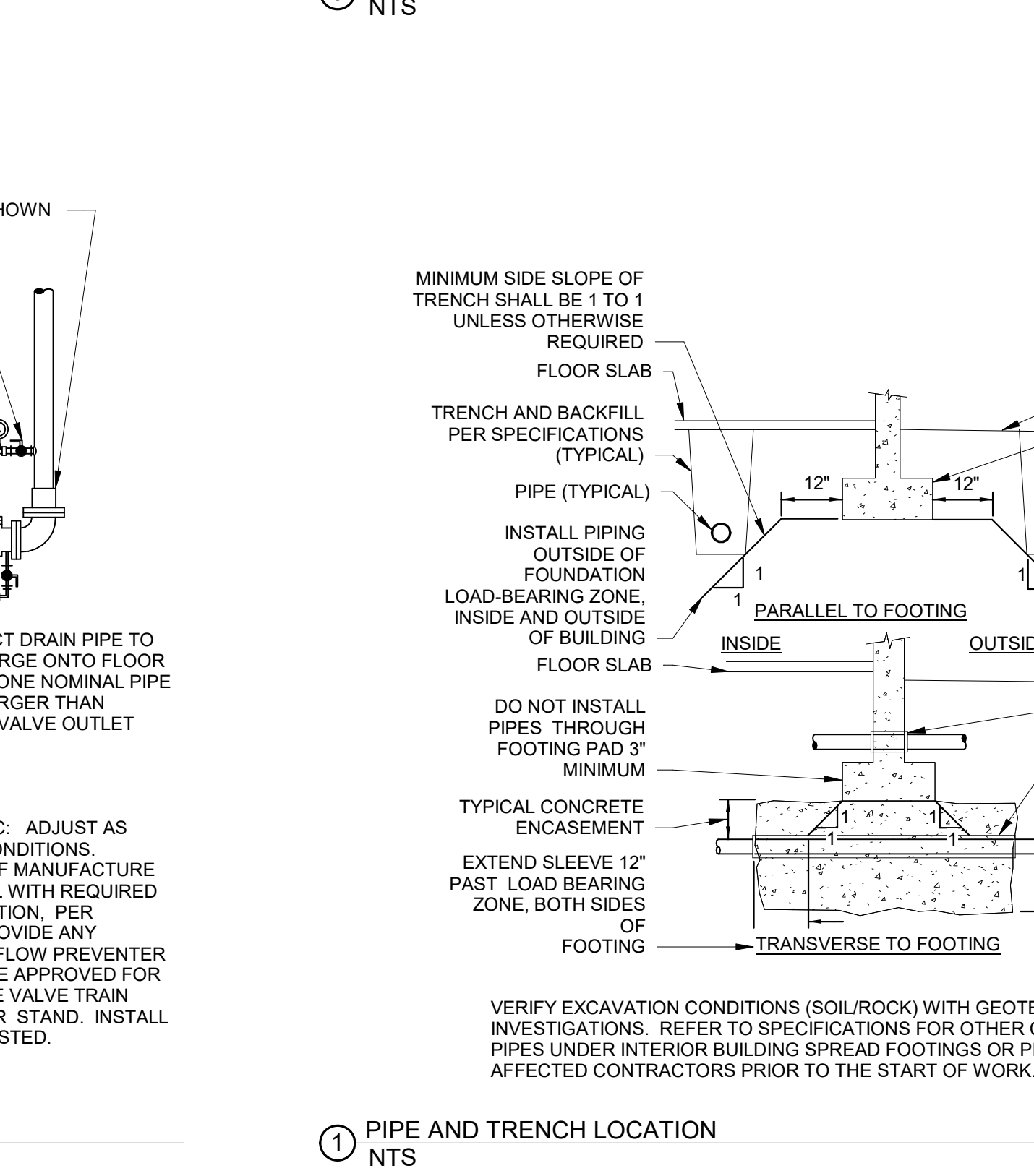
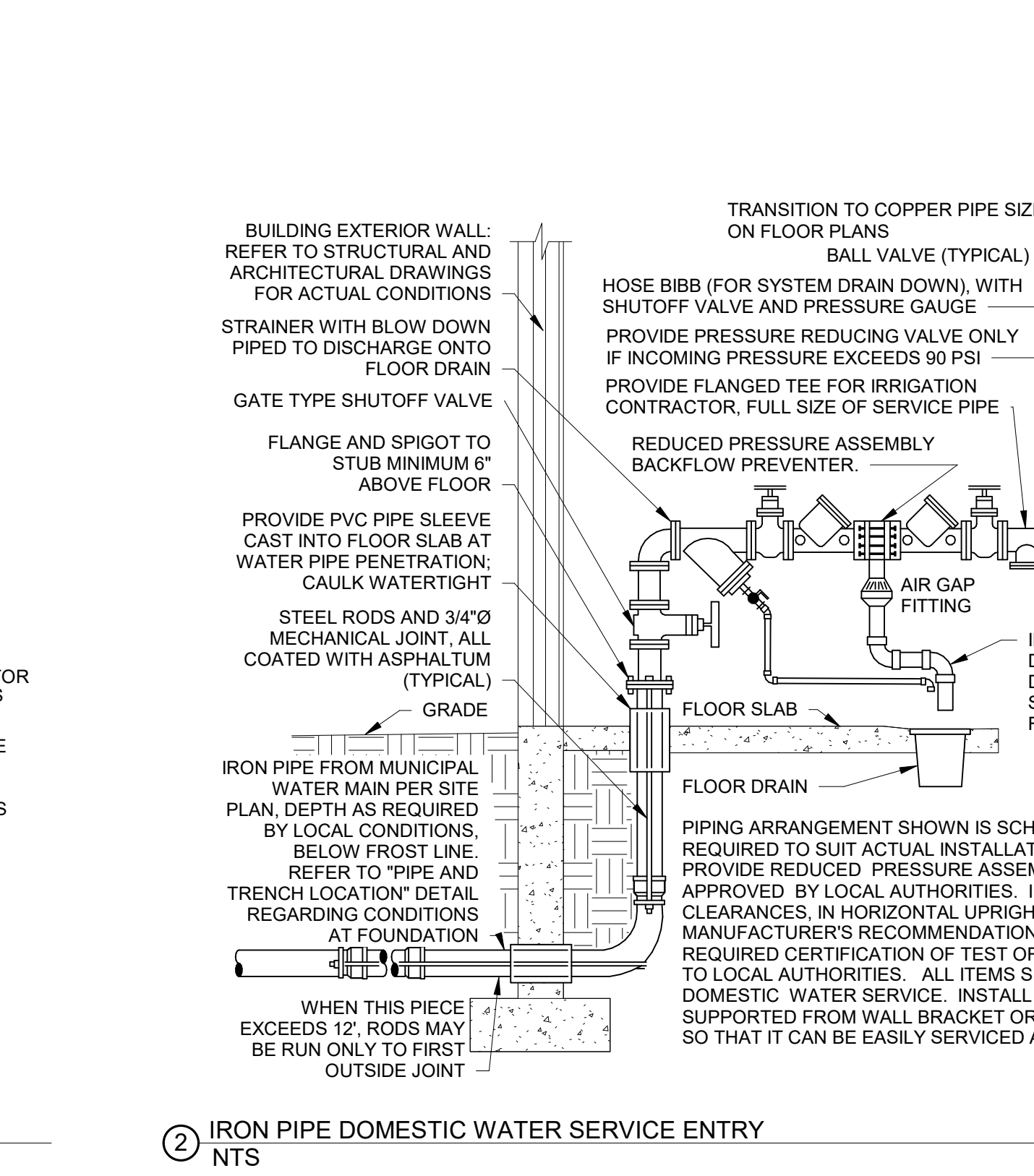
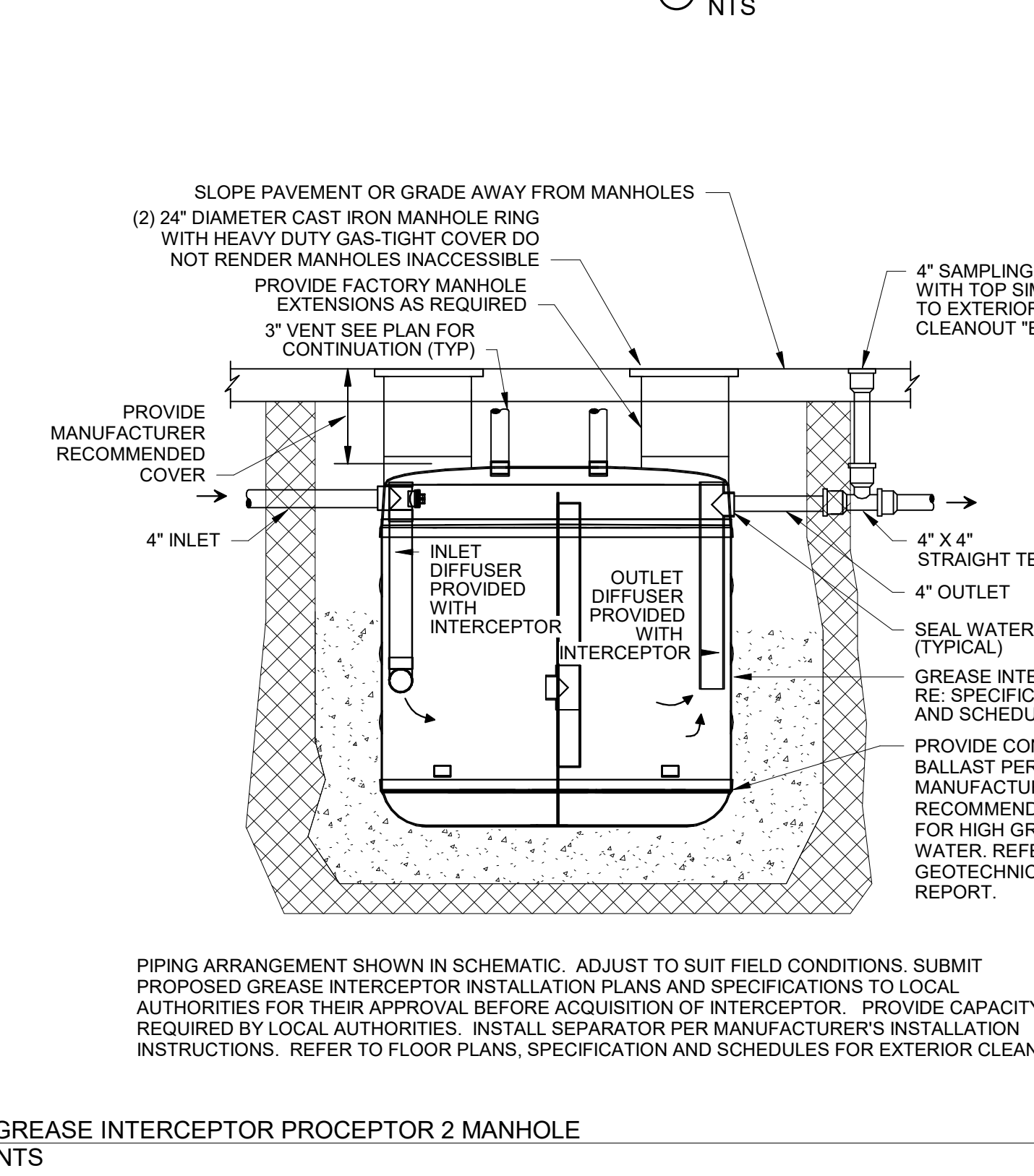
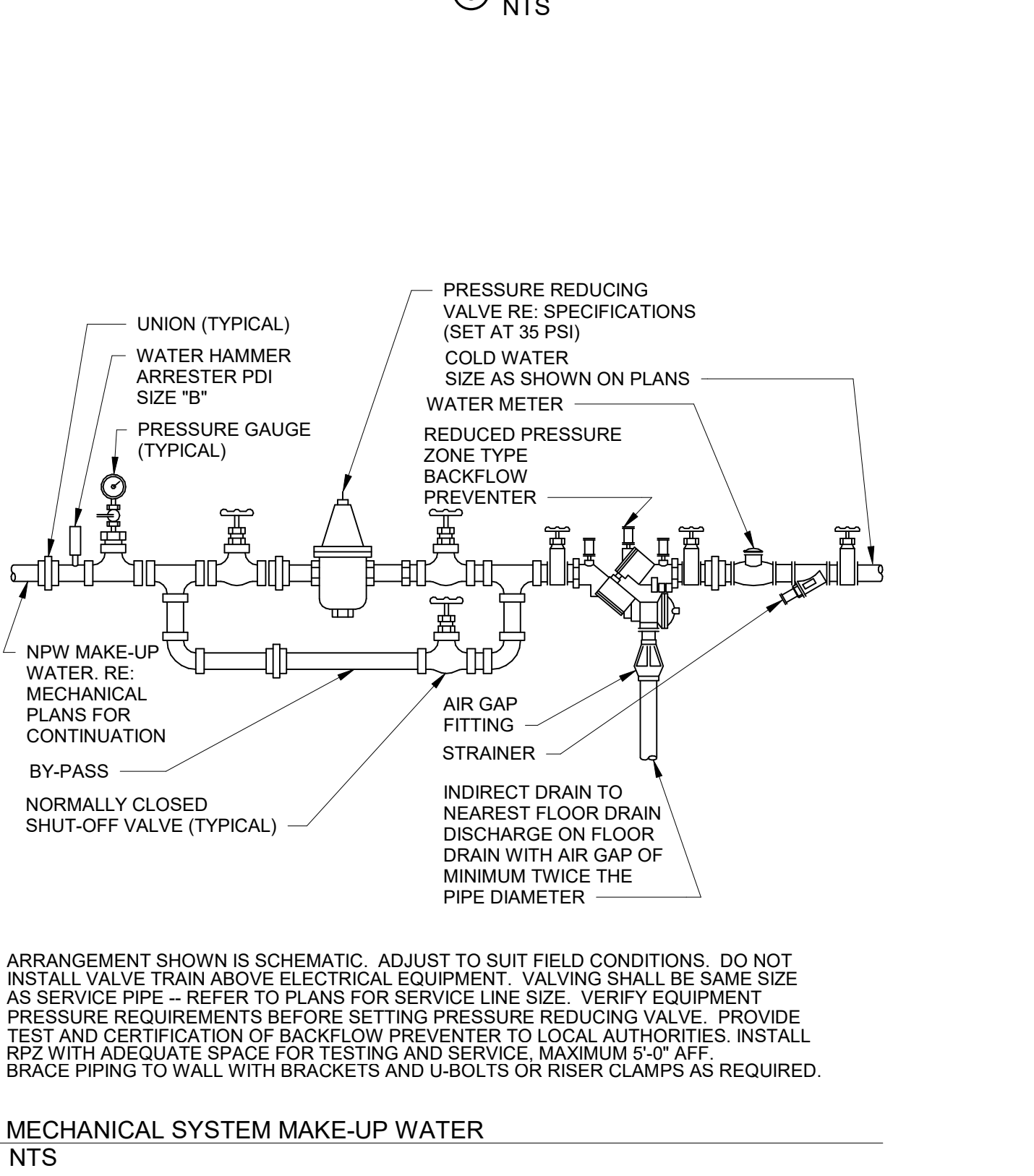
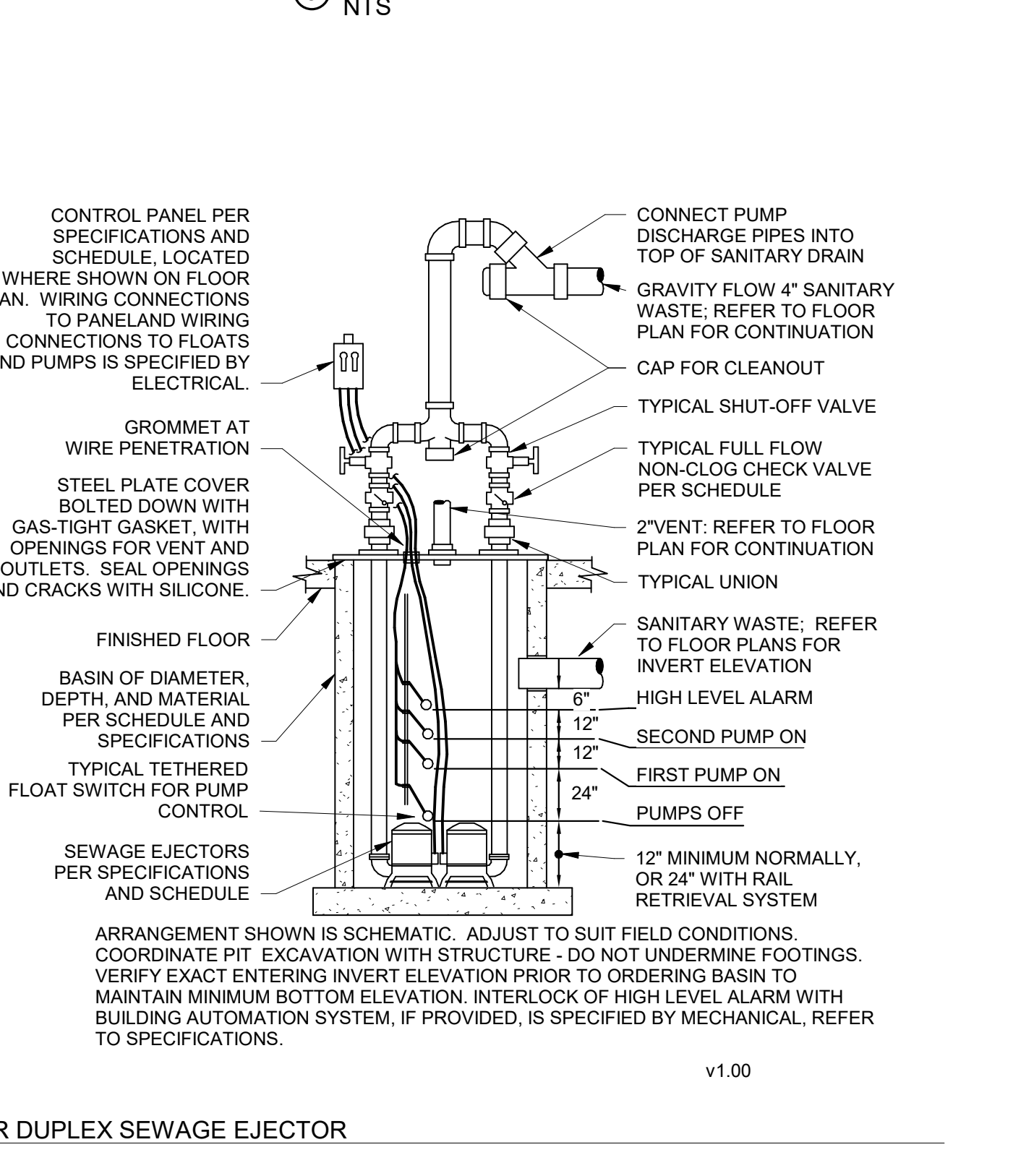
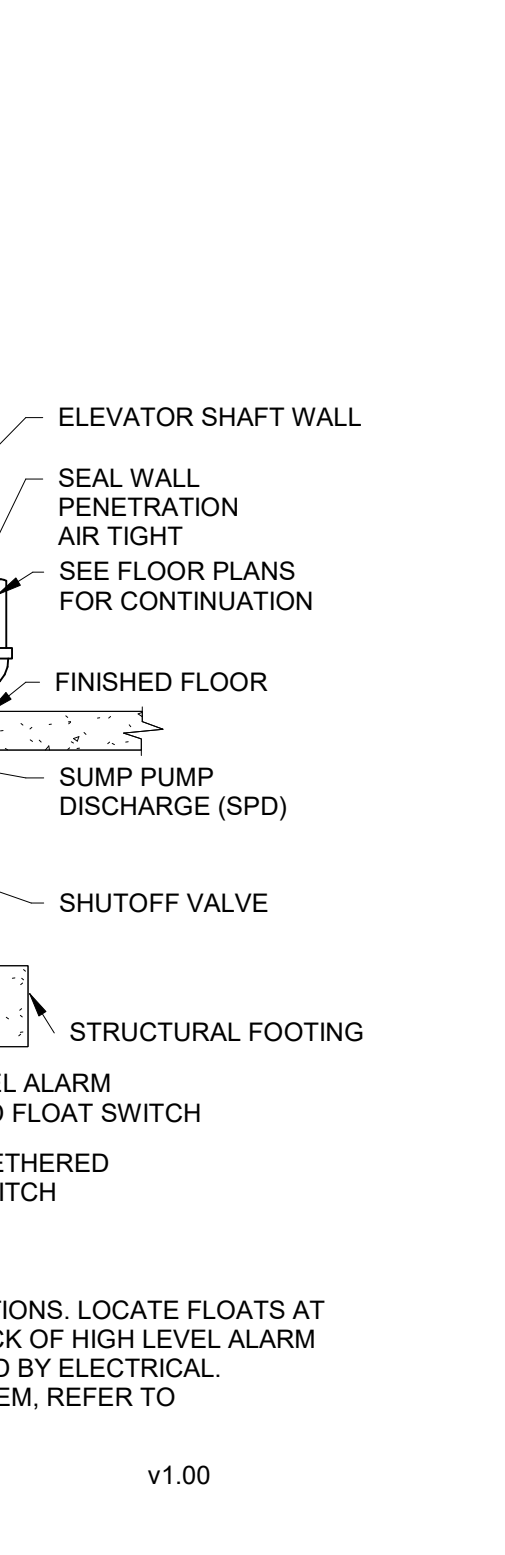
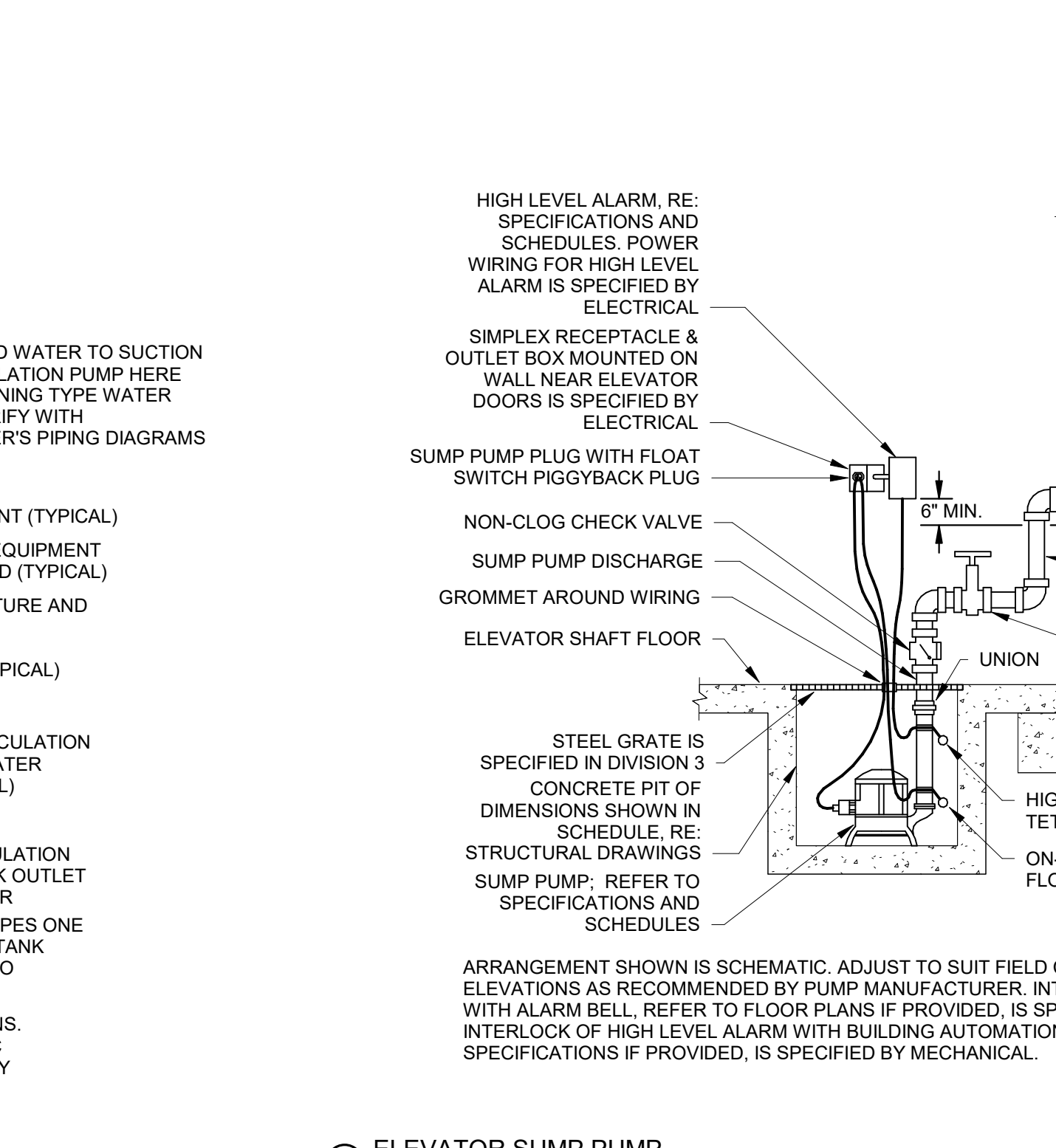
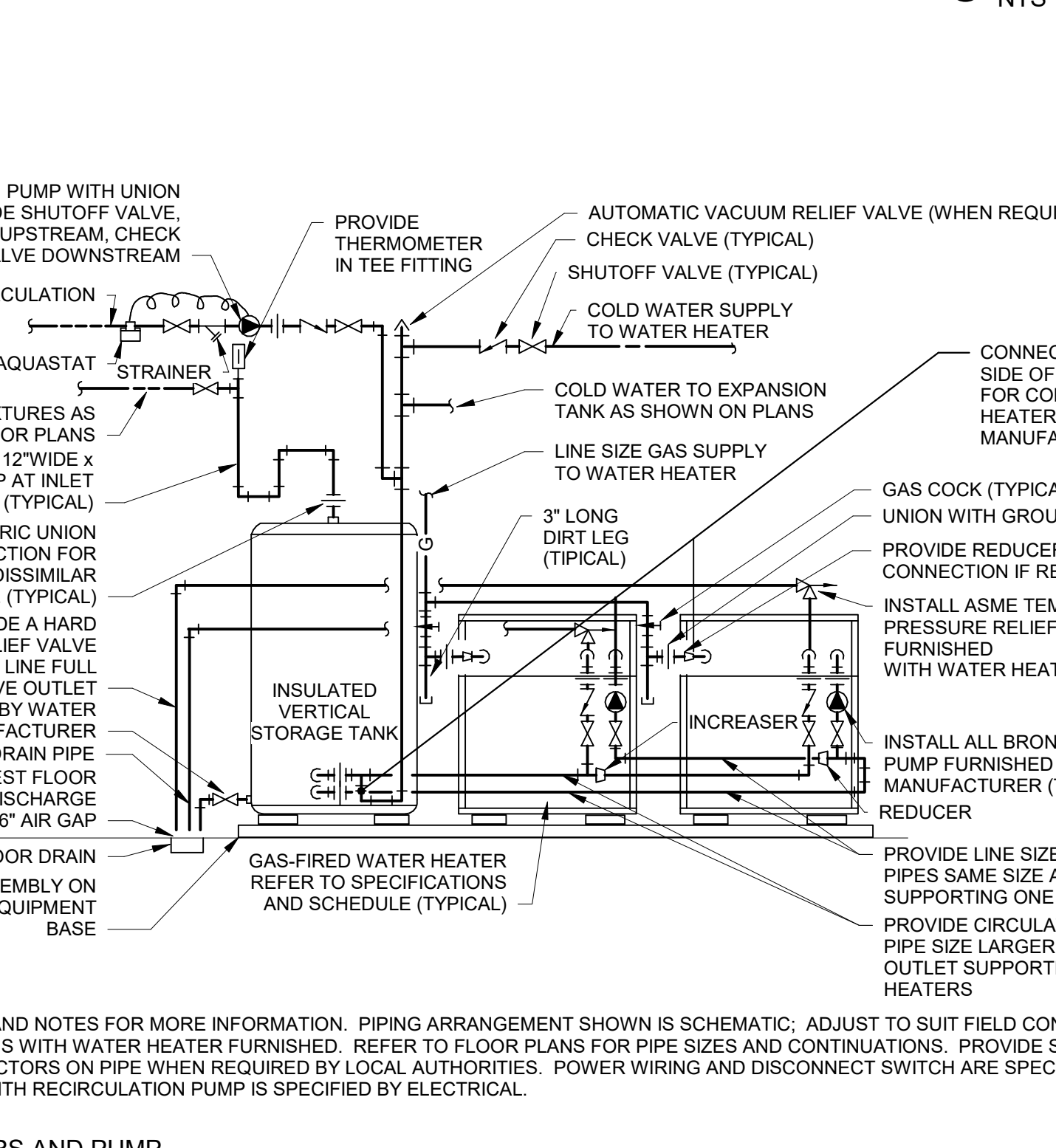
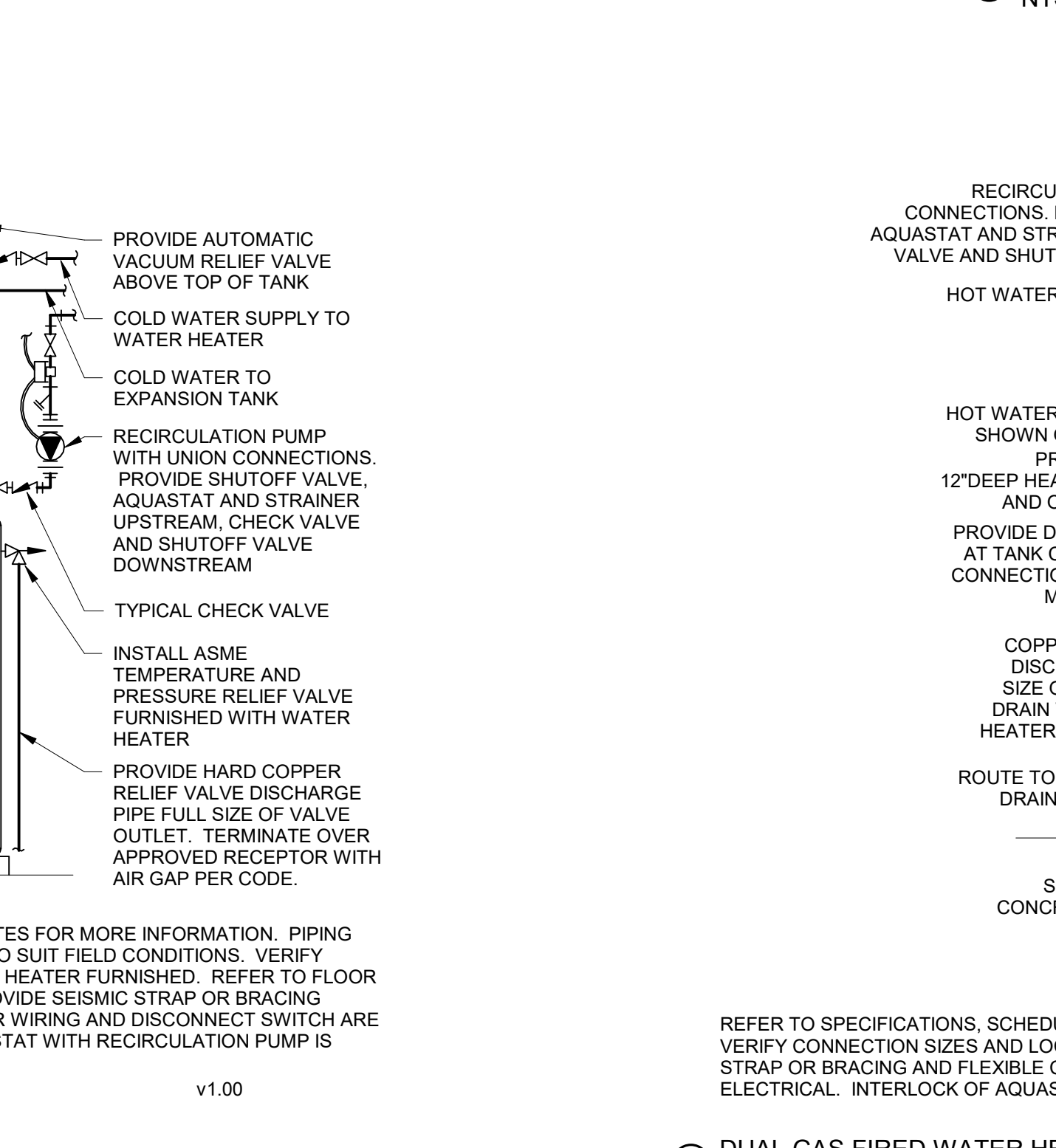
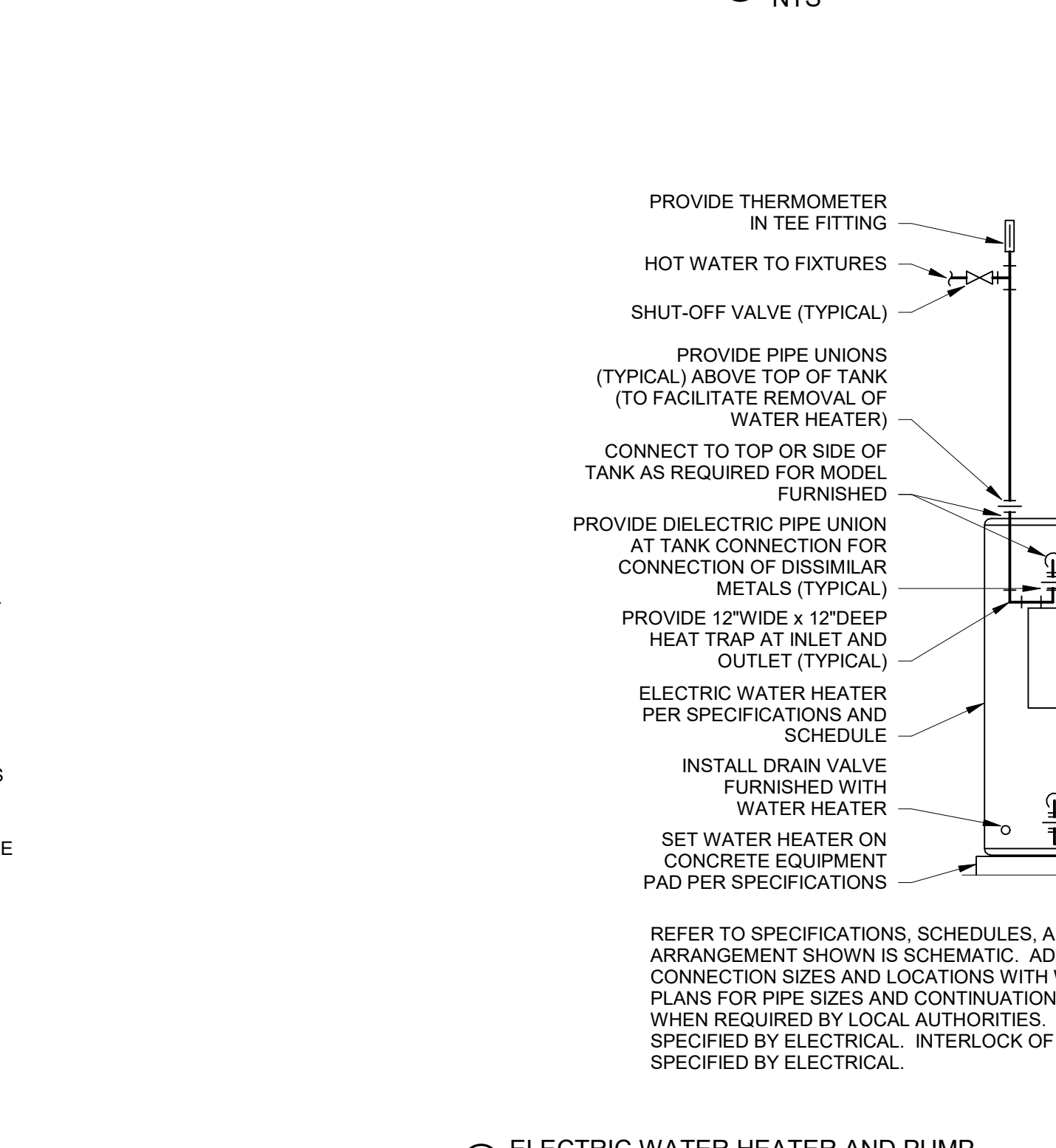
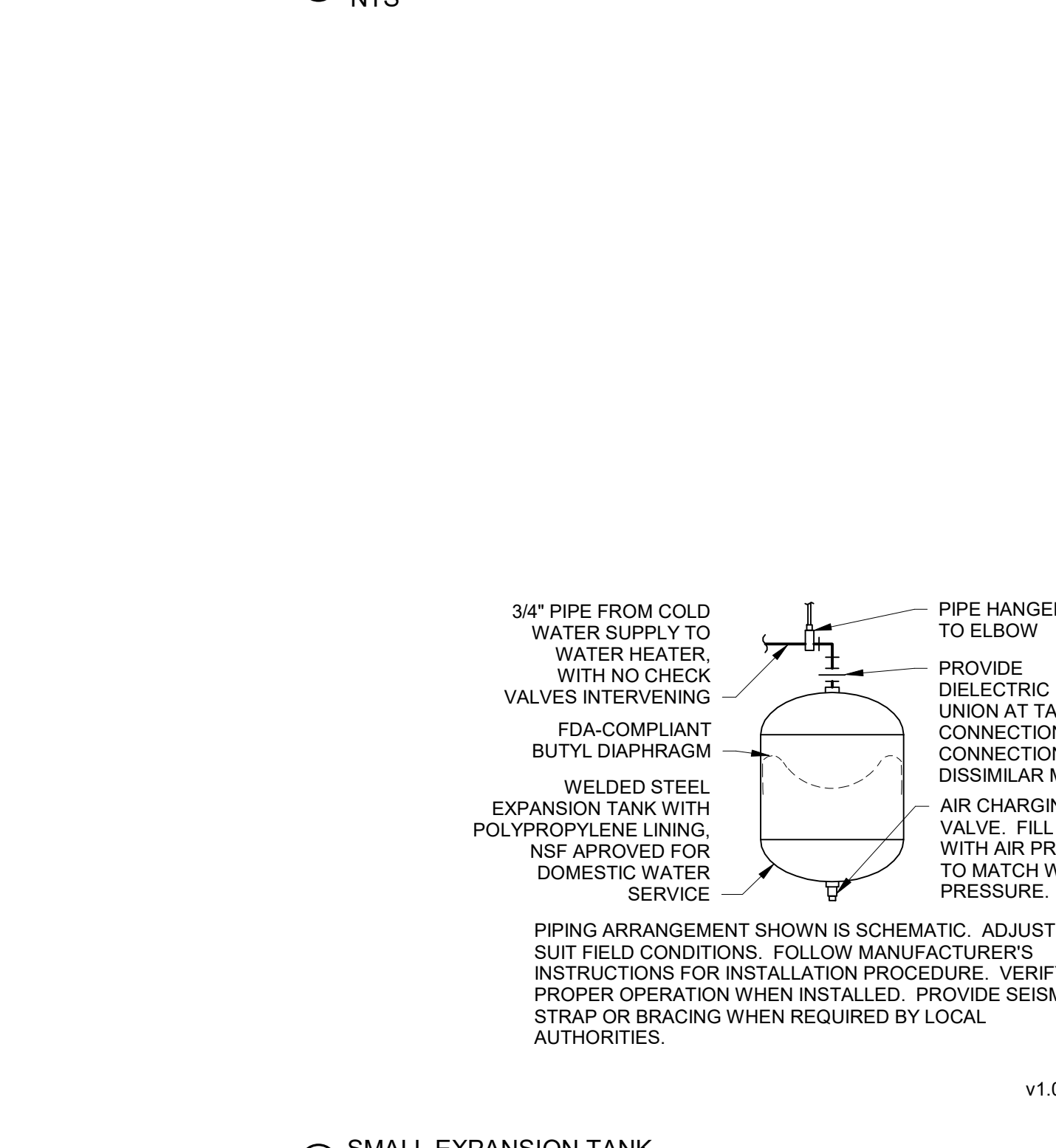
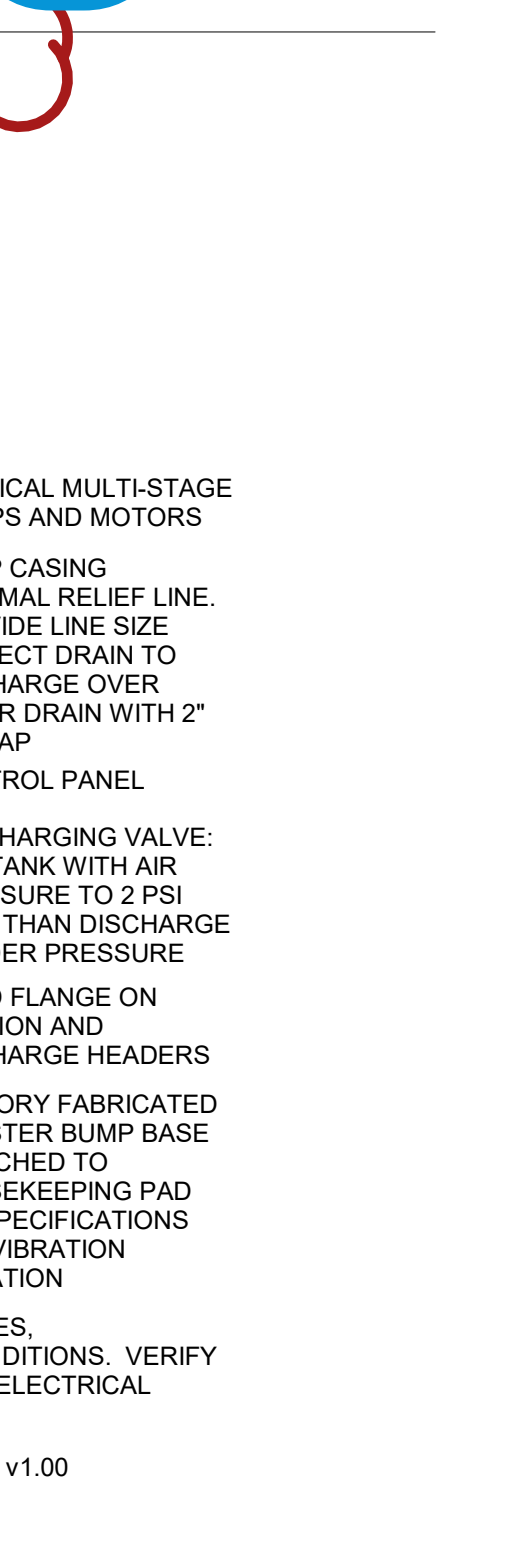
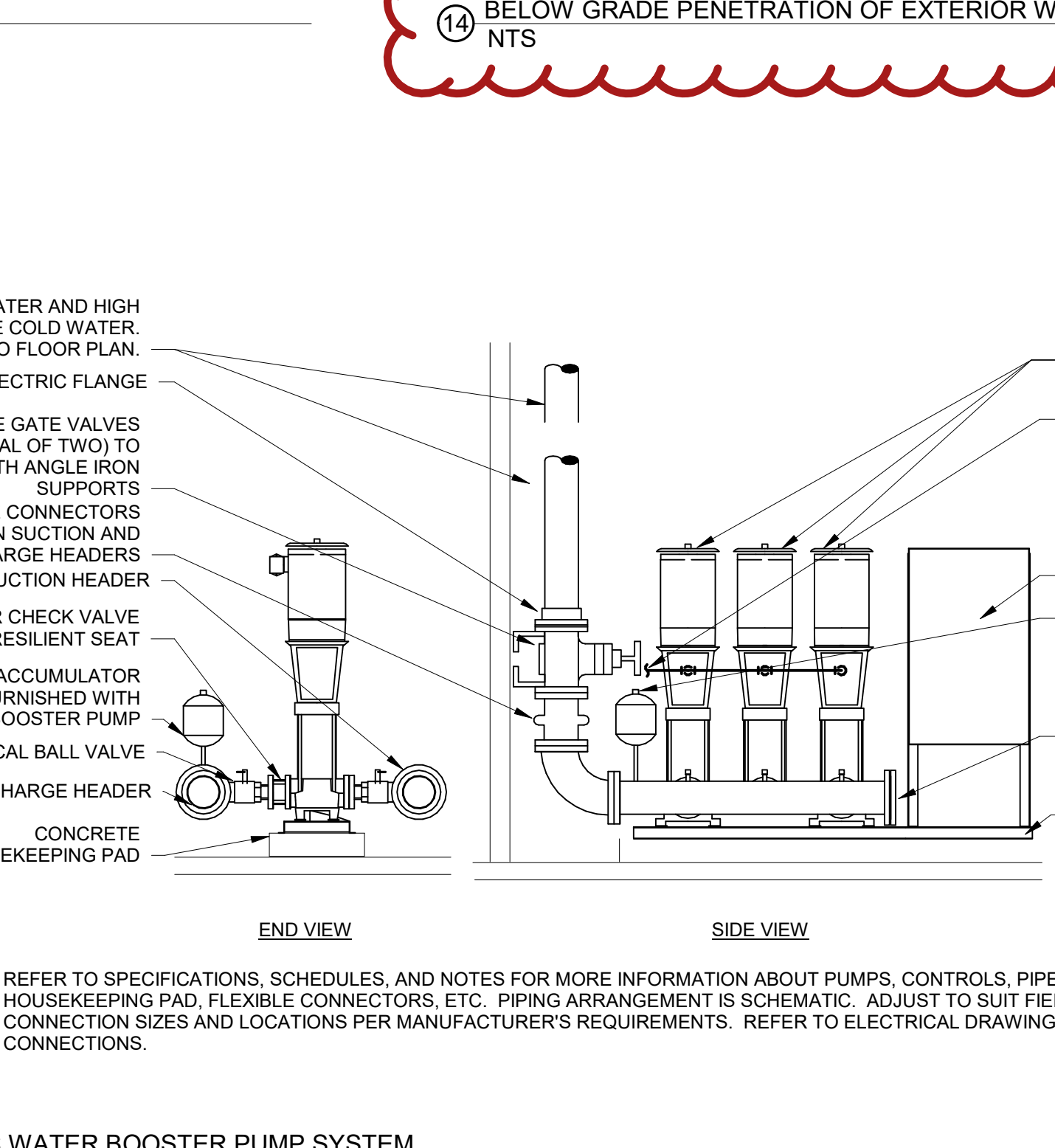
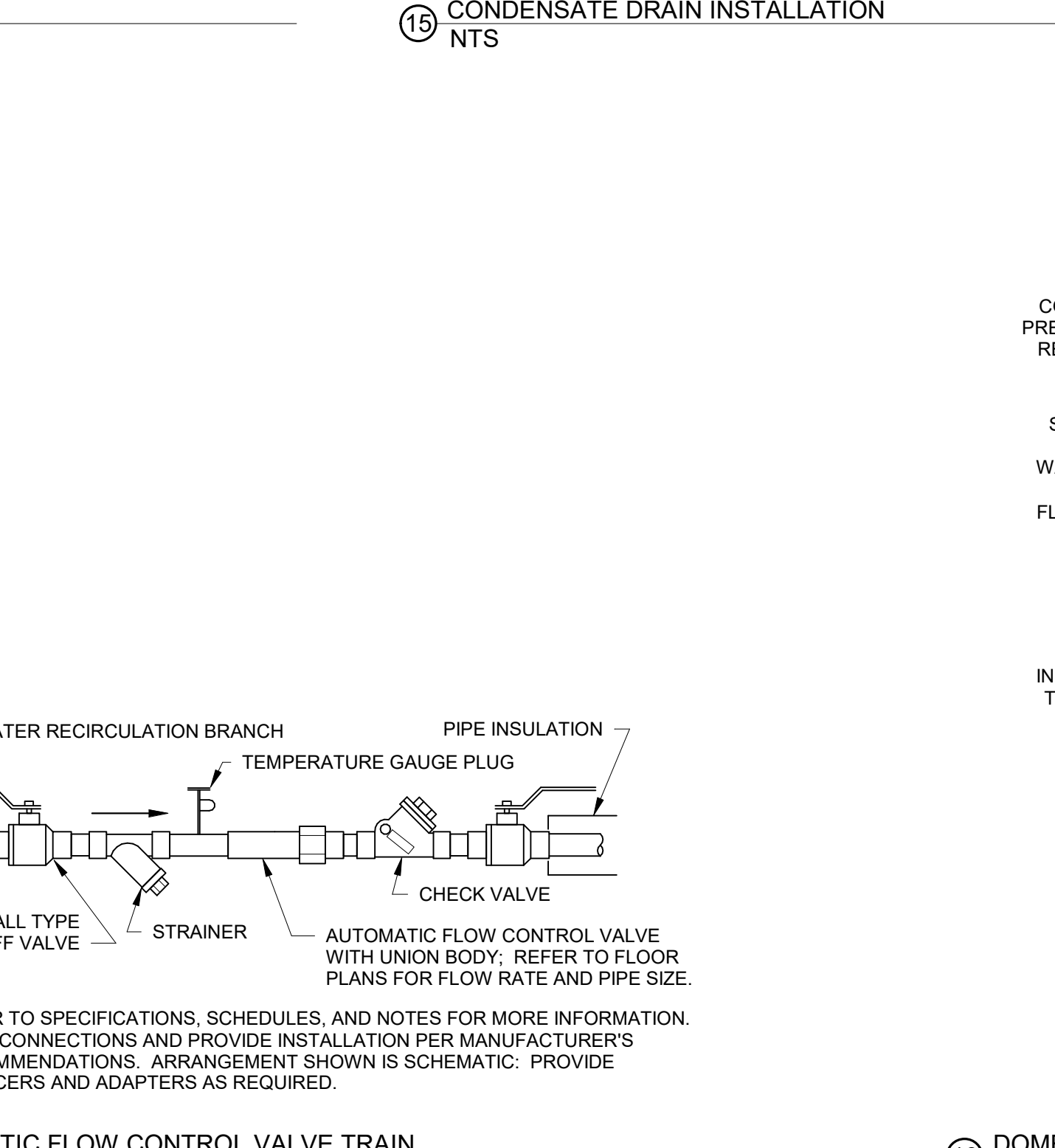
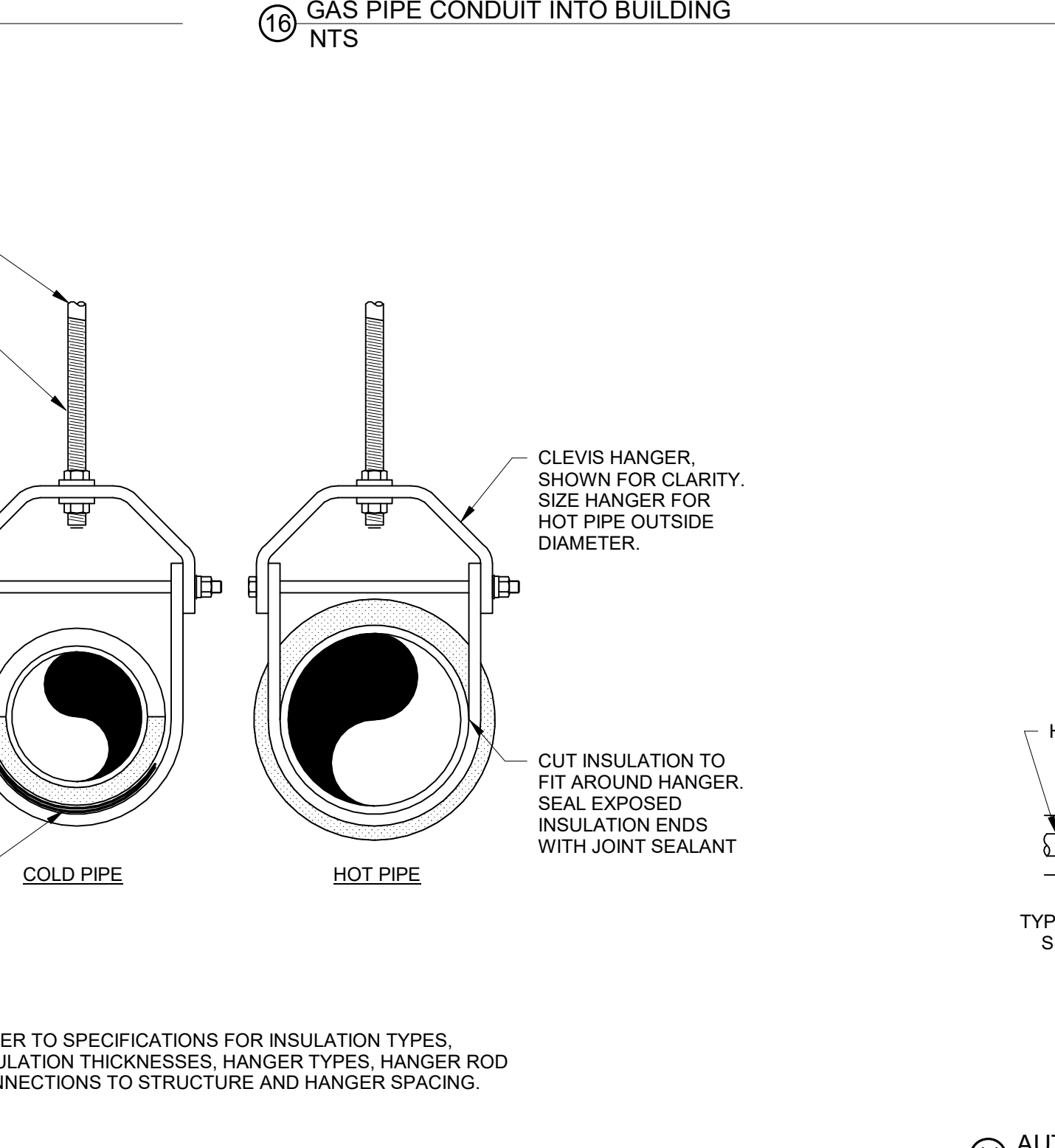
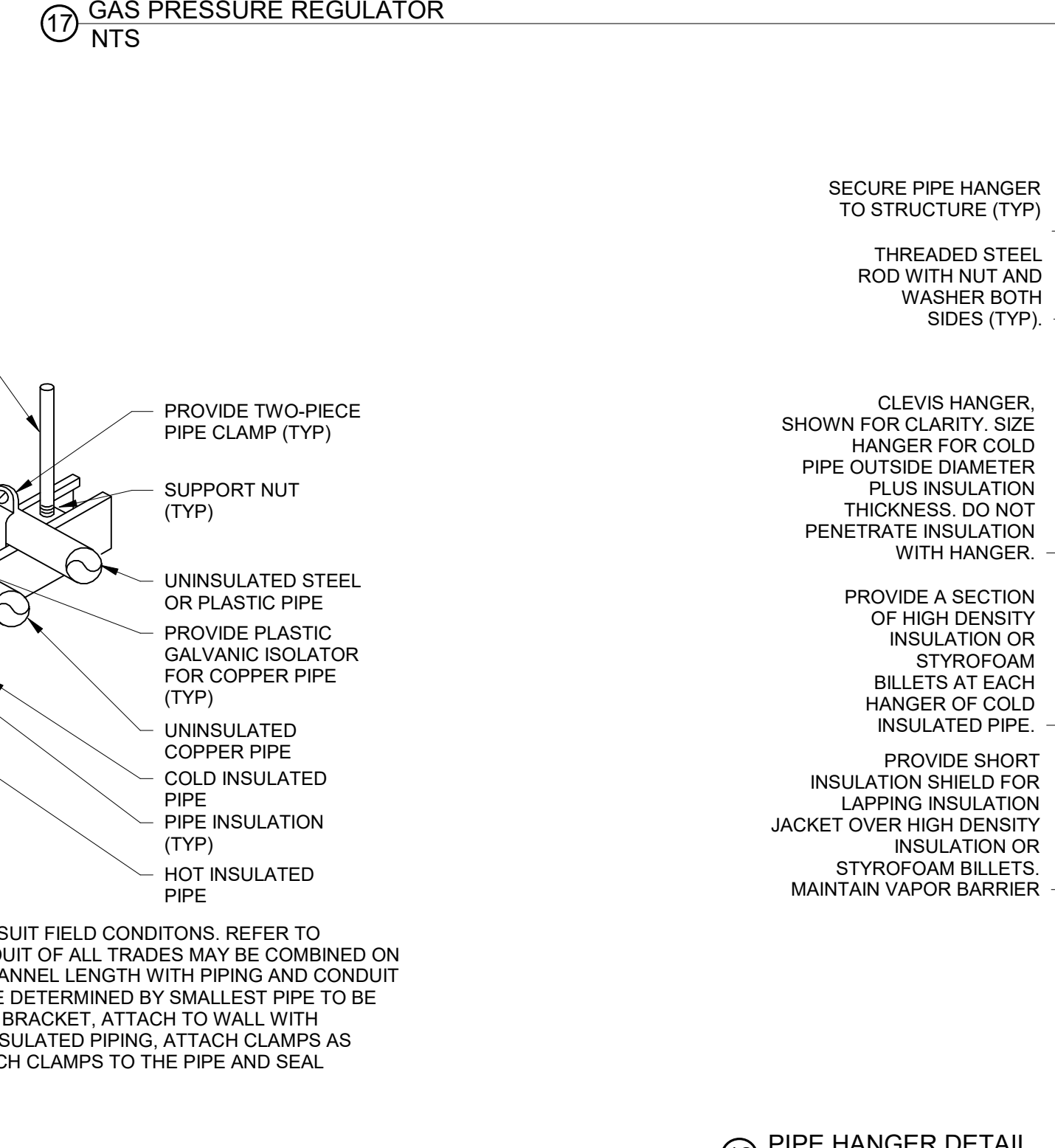
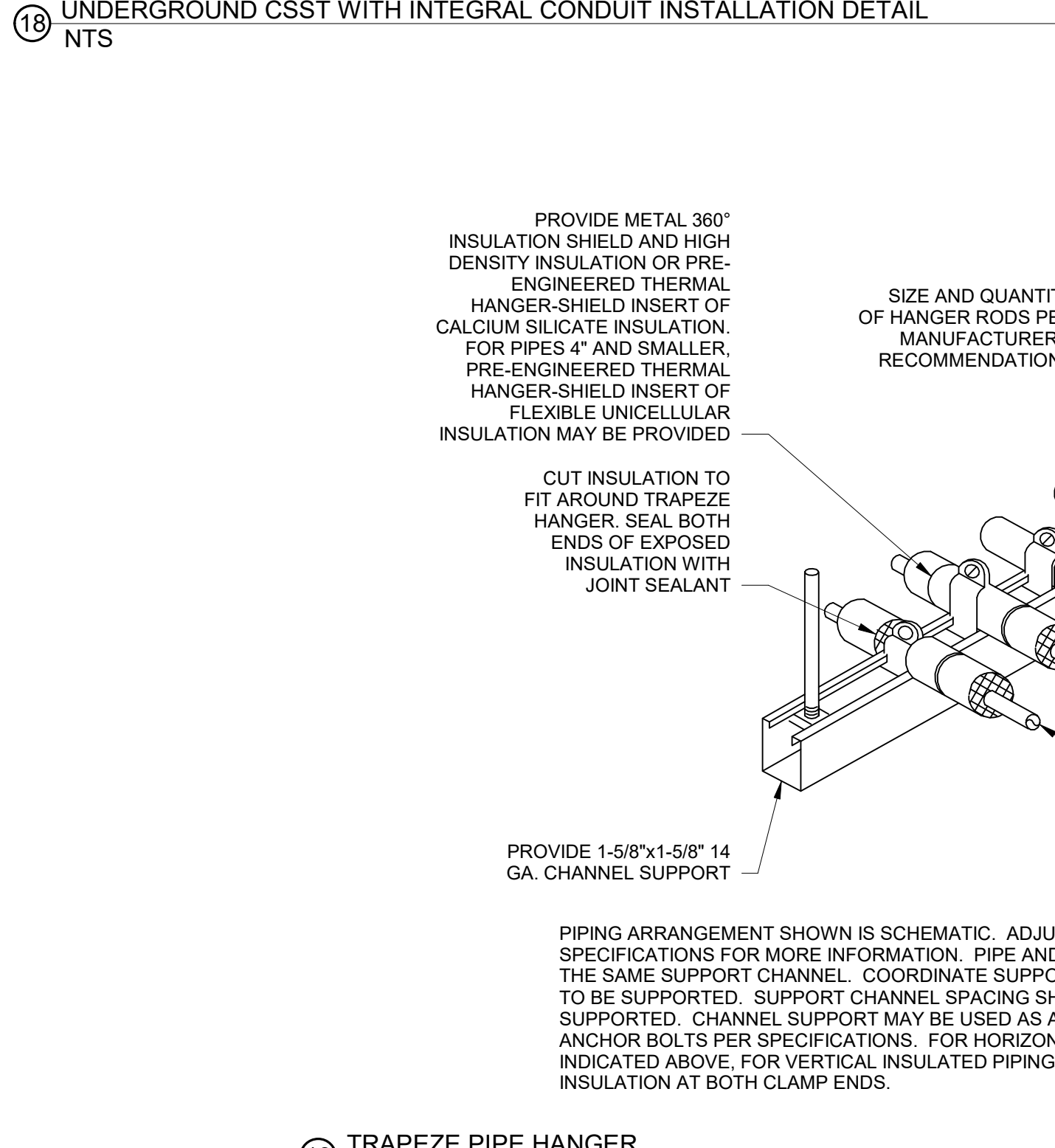
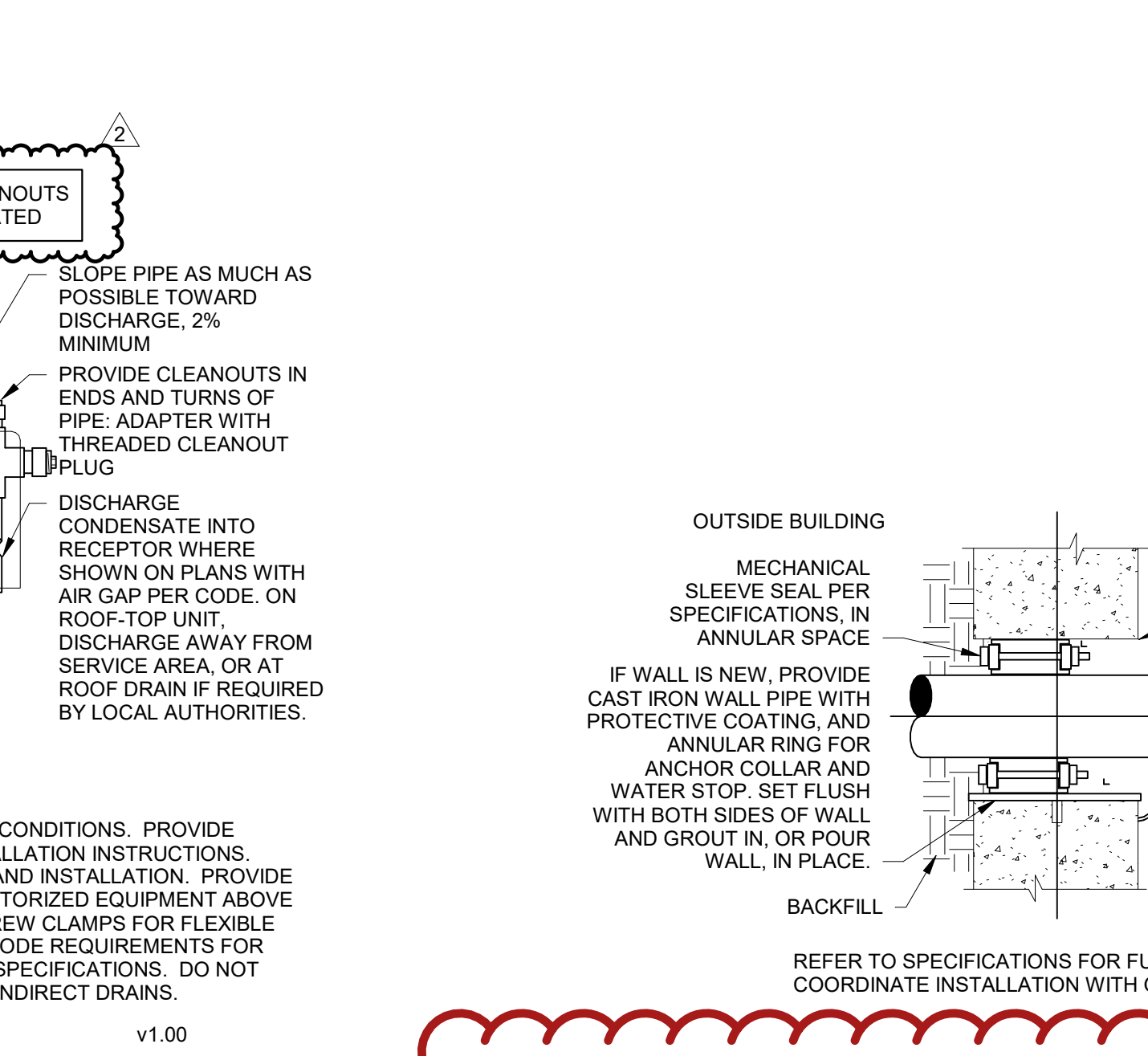
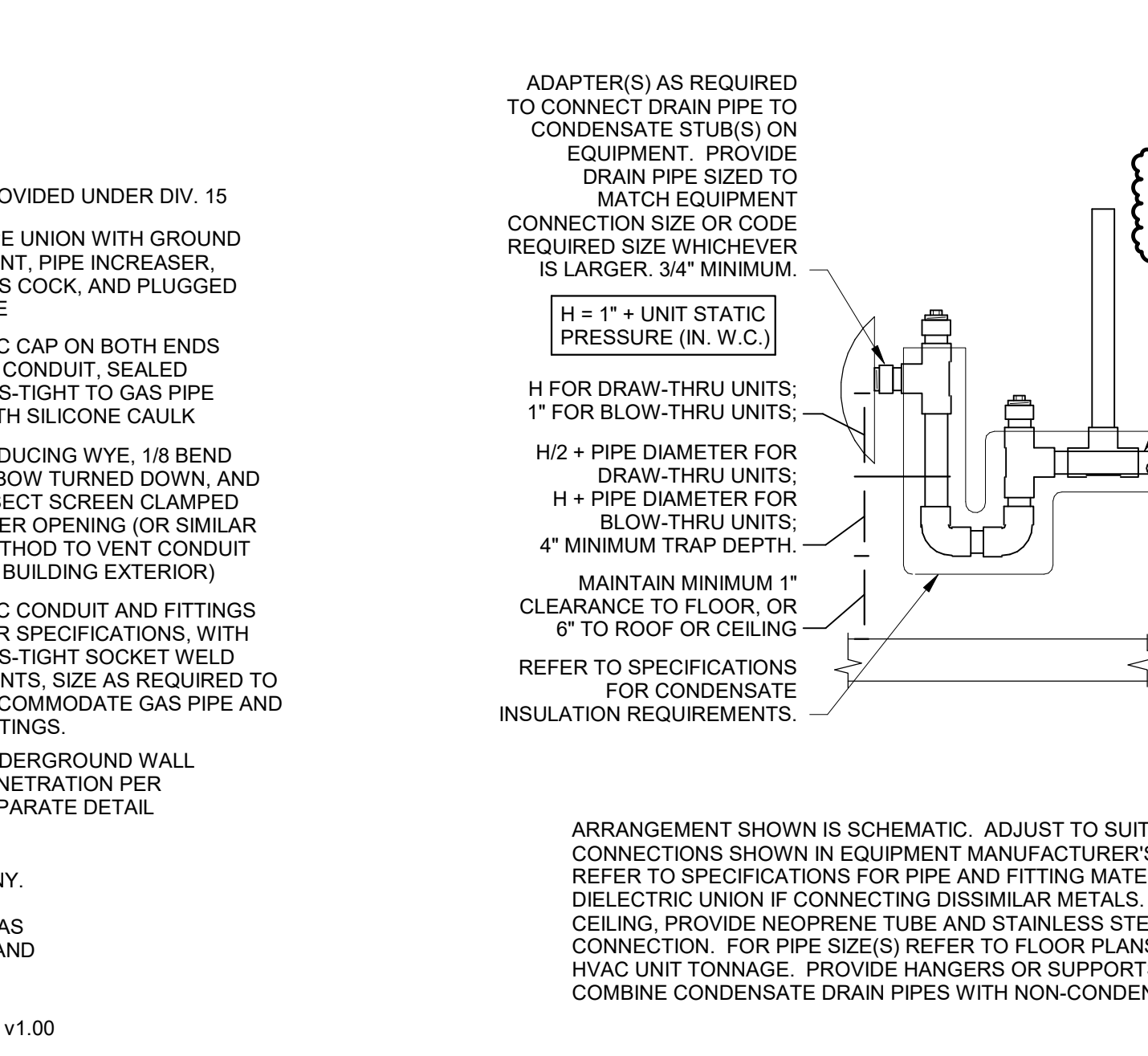
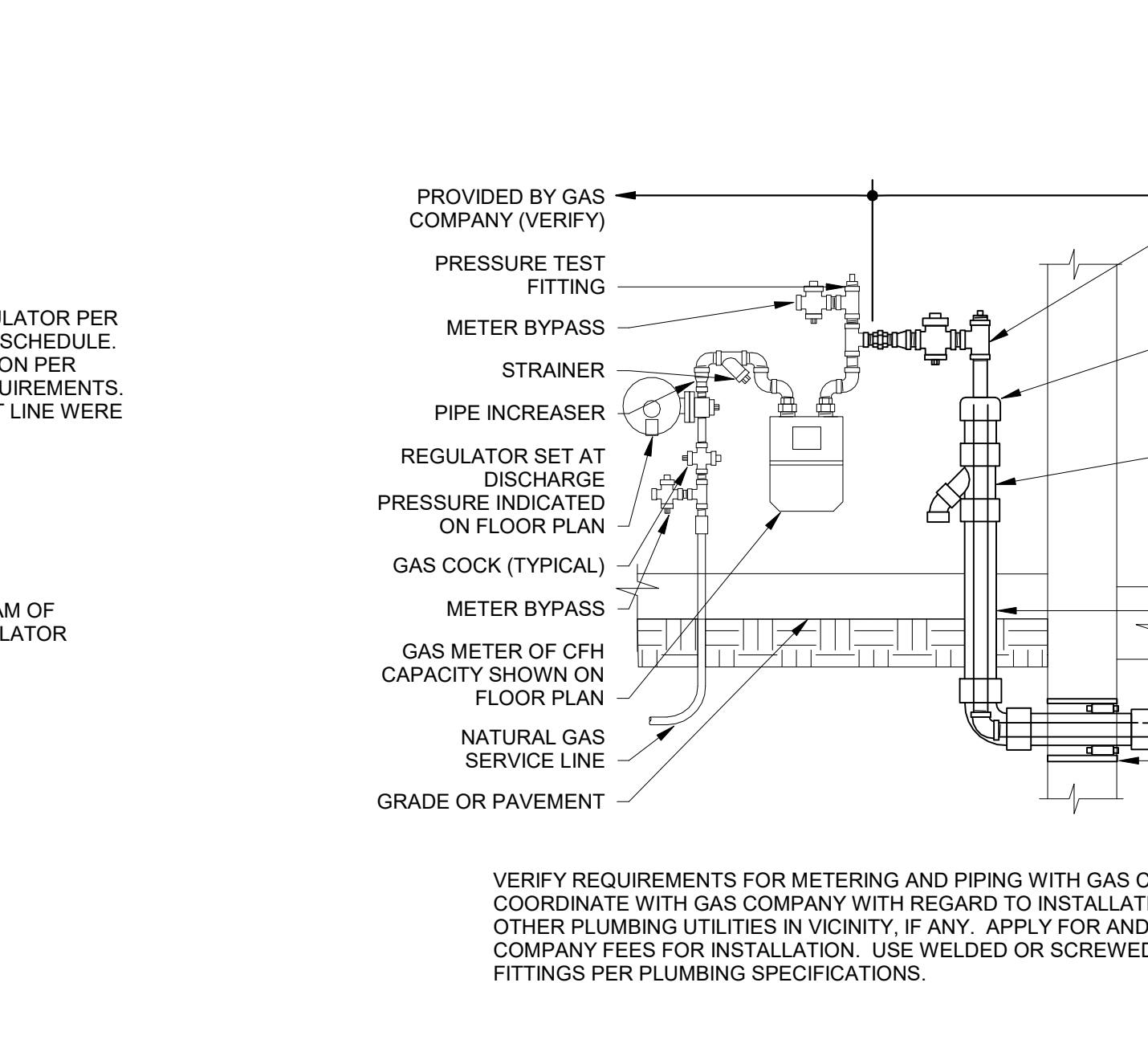
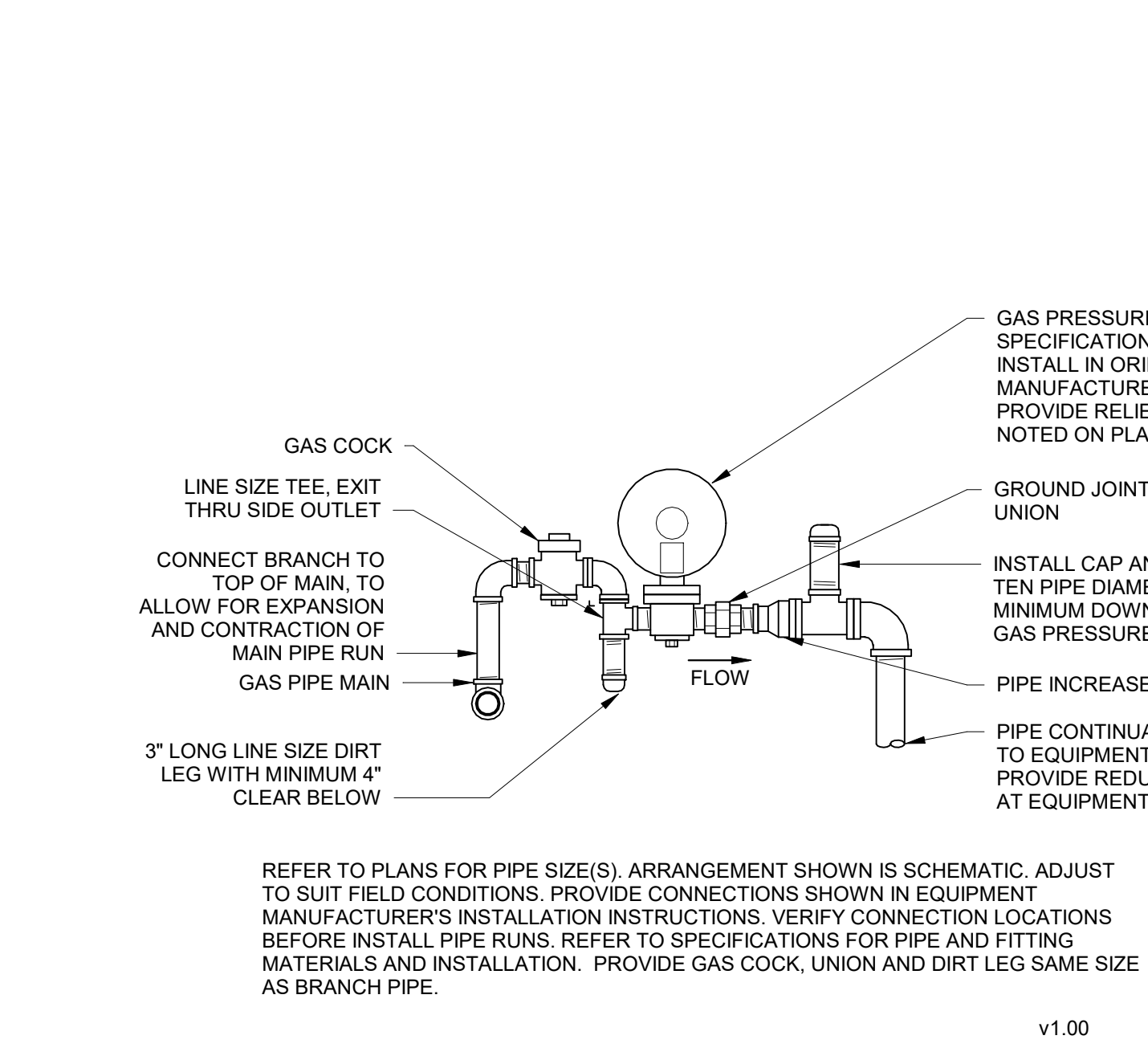
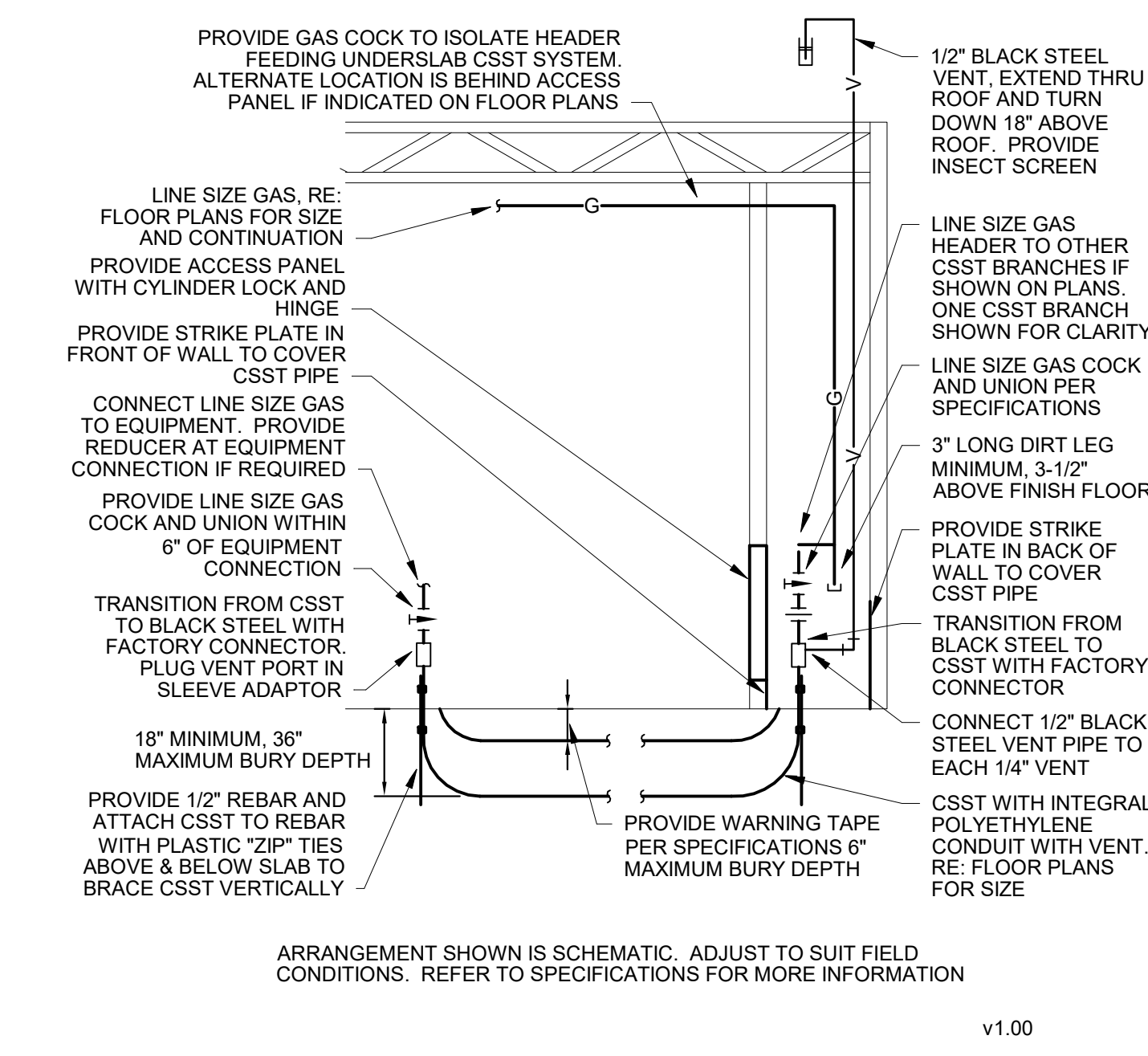
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NUMBER	DATE	DESCRIPTION
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2	01/08/24	PROJ

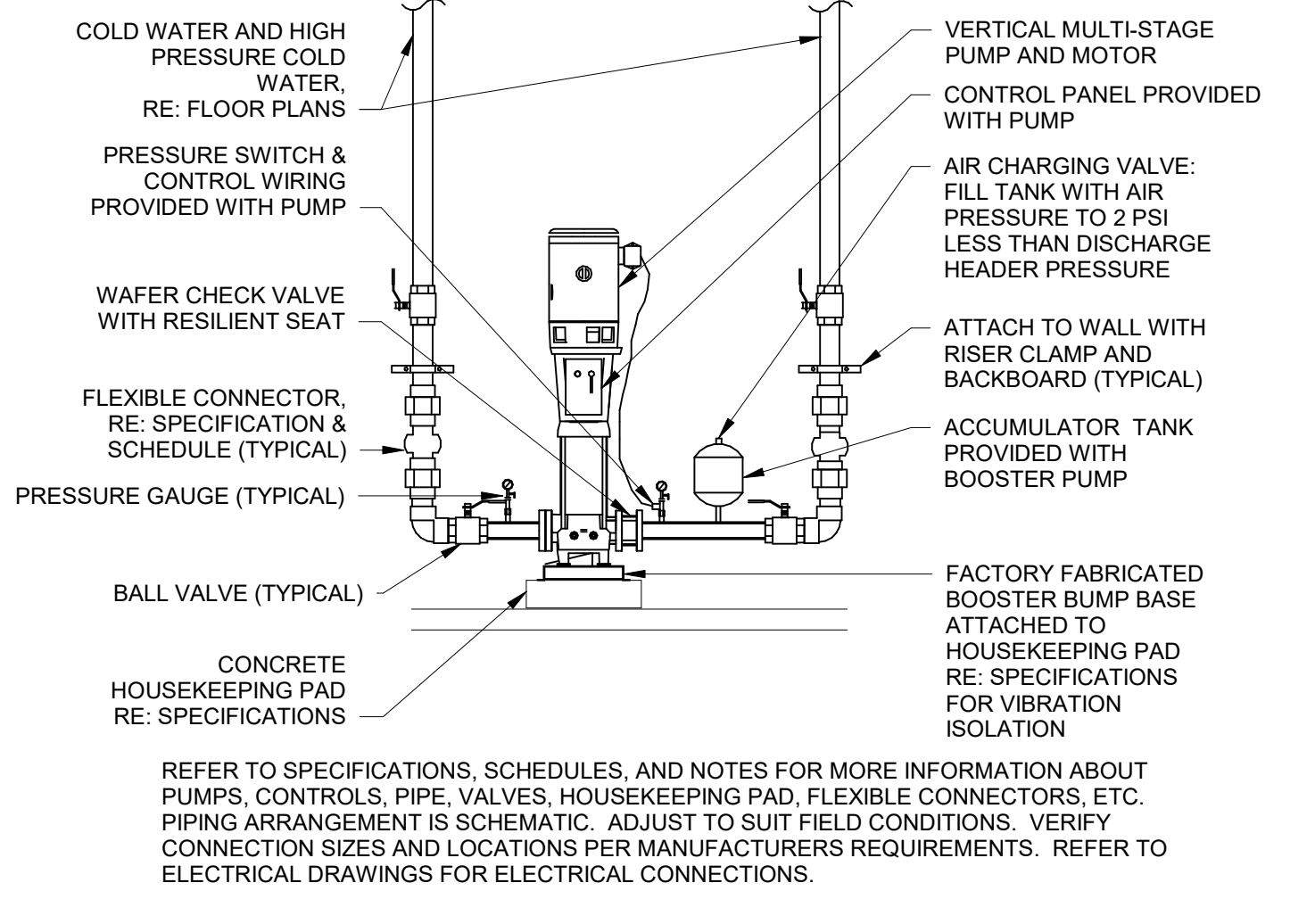
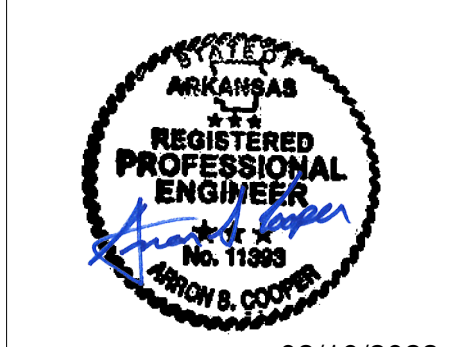
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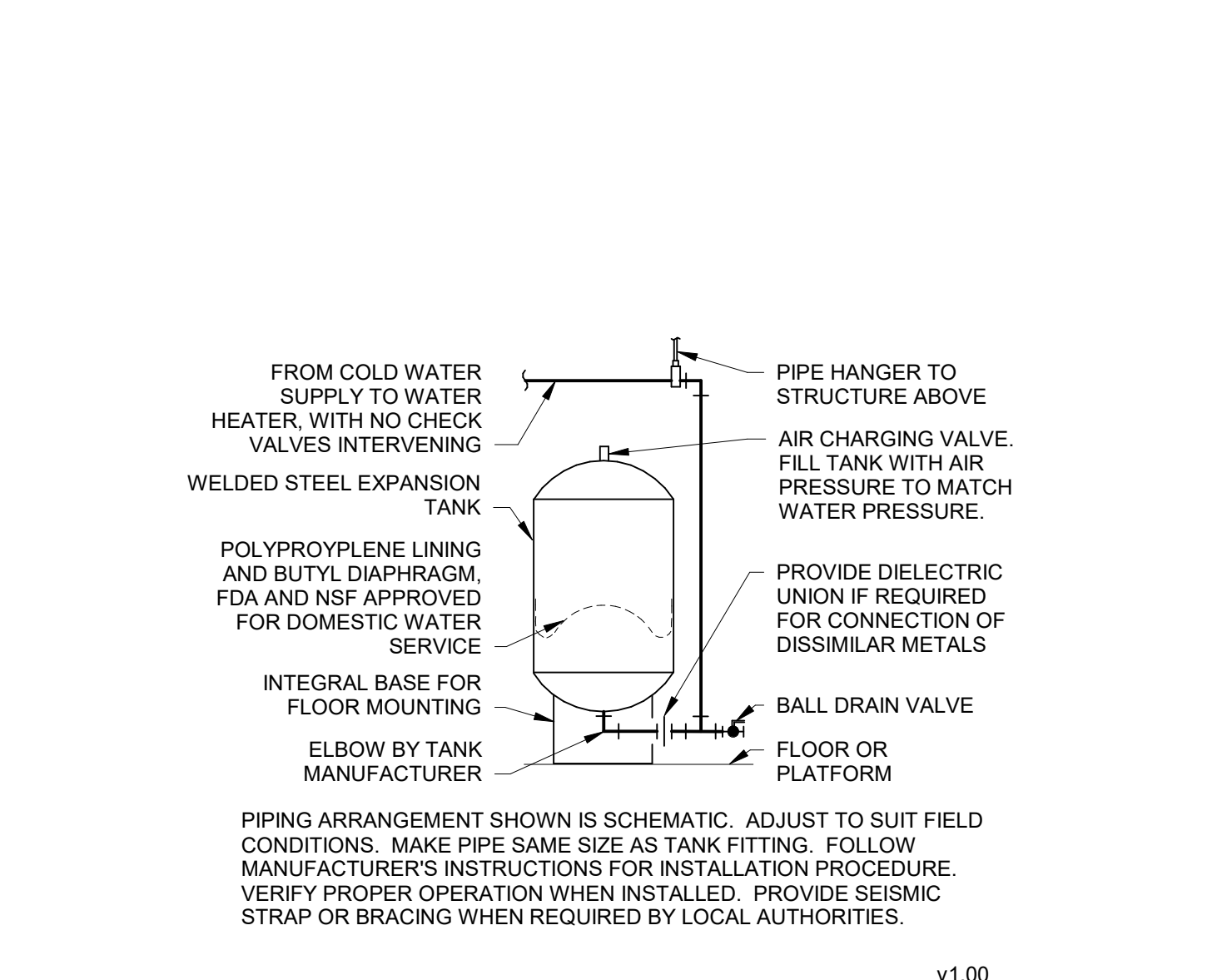
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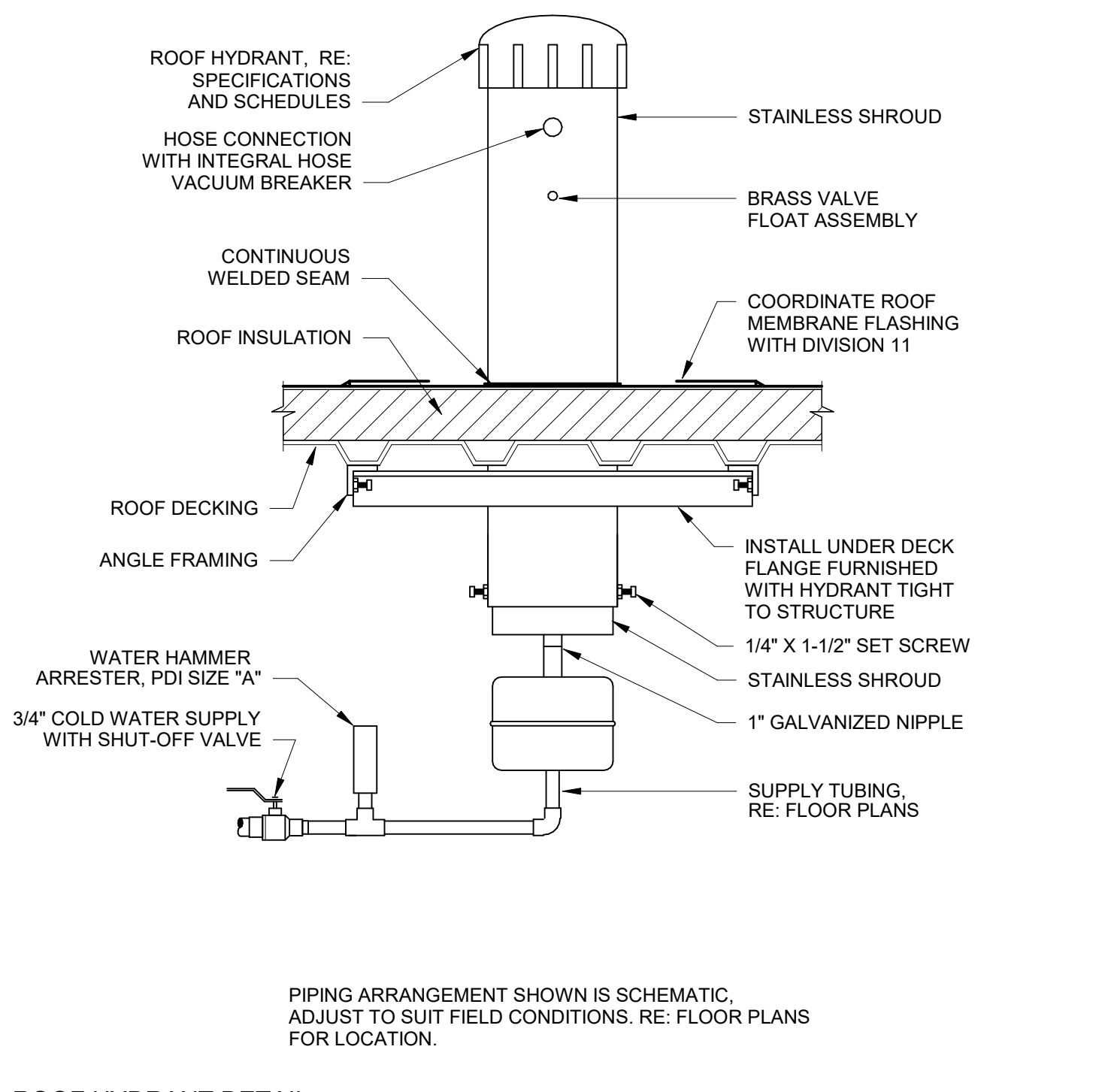




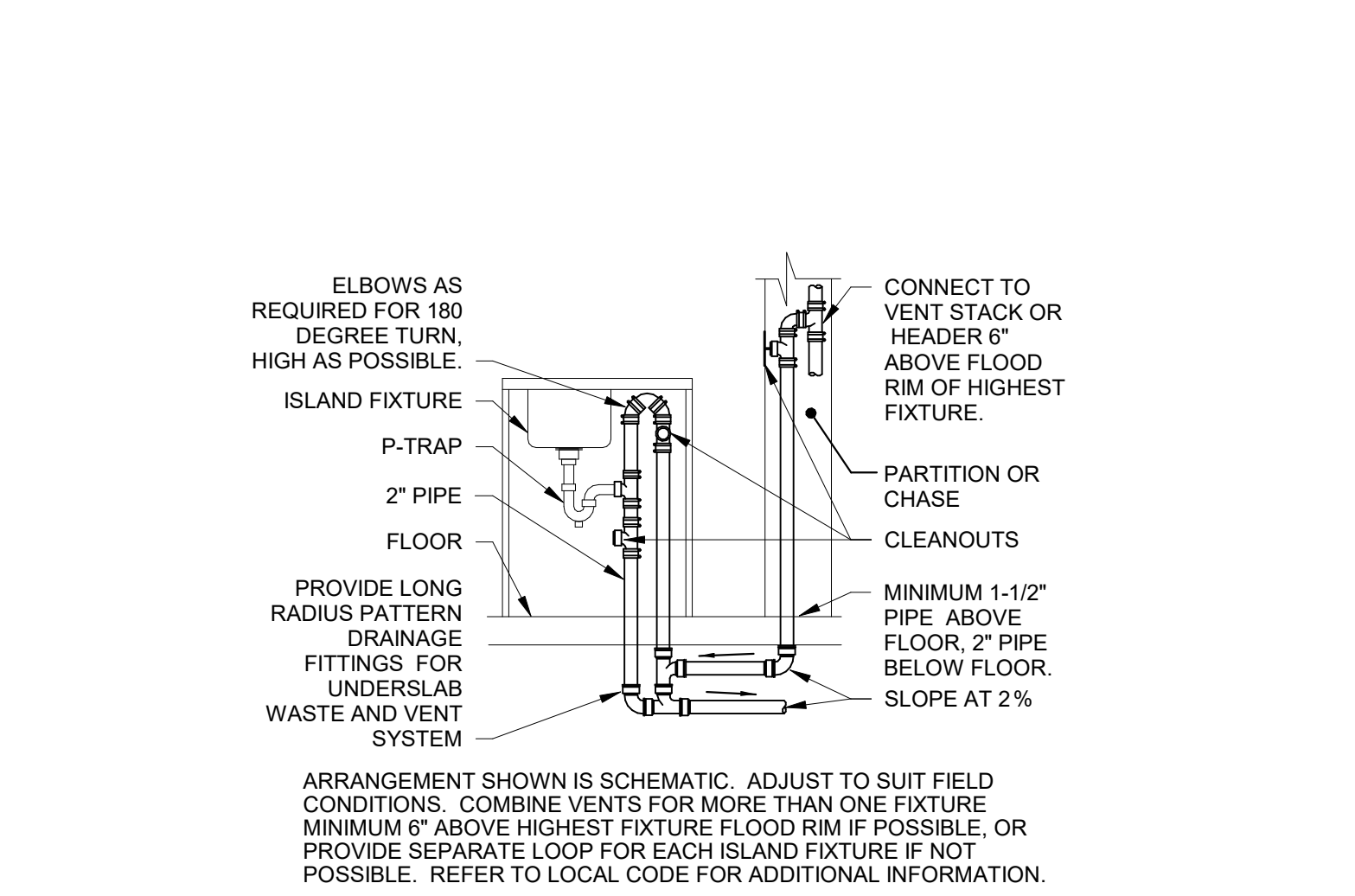
16 SIMPLEX MULTI-STAGE DOMESTIC WATER BOOSTER SYSTEM
NTS



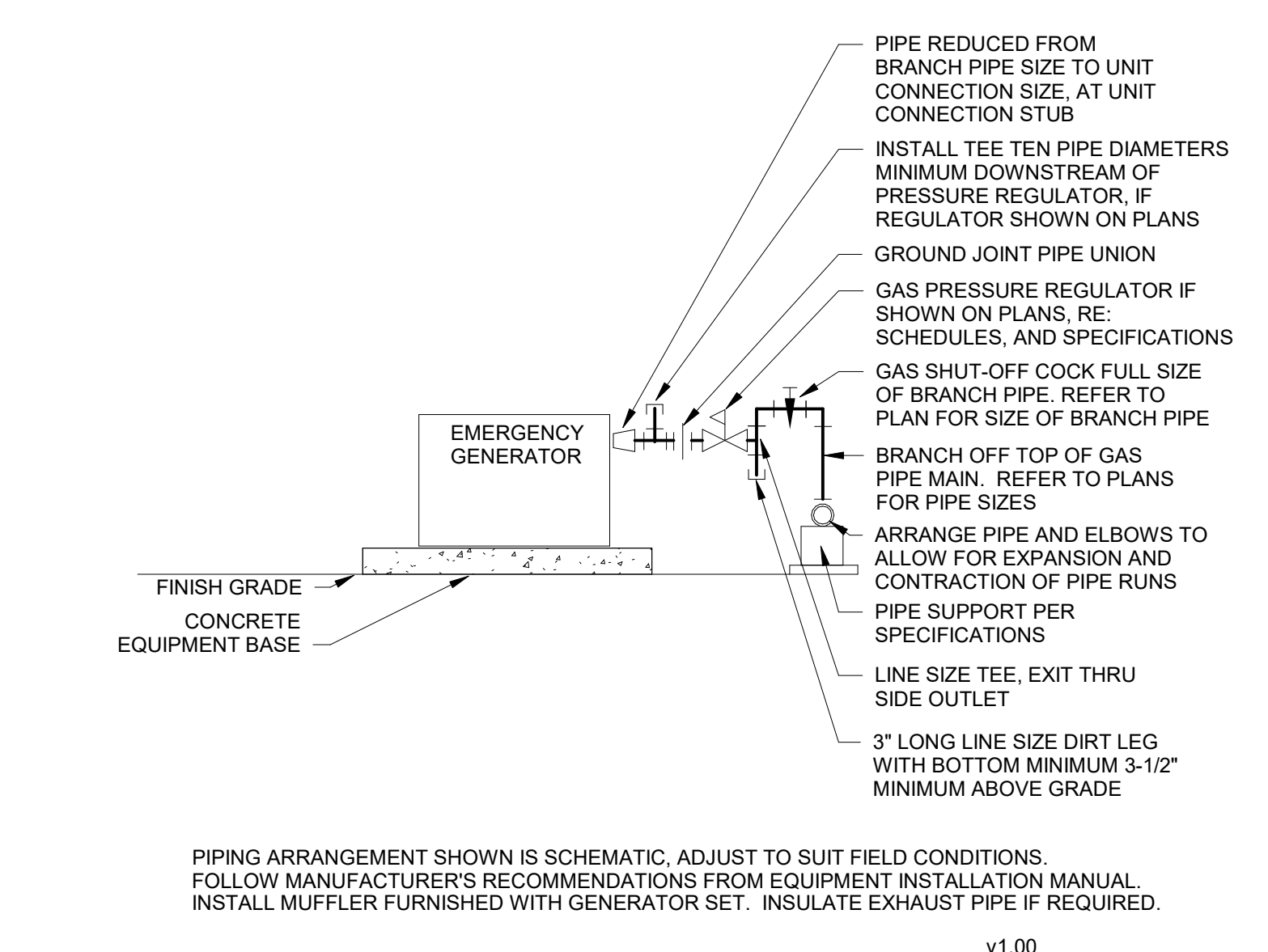
17 LARGE EXPANSION TANK
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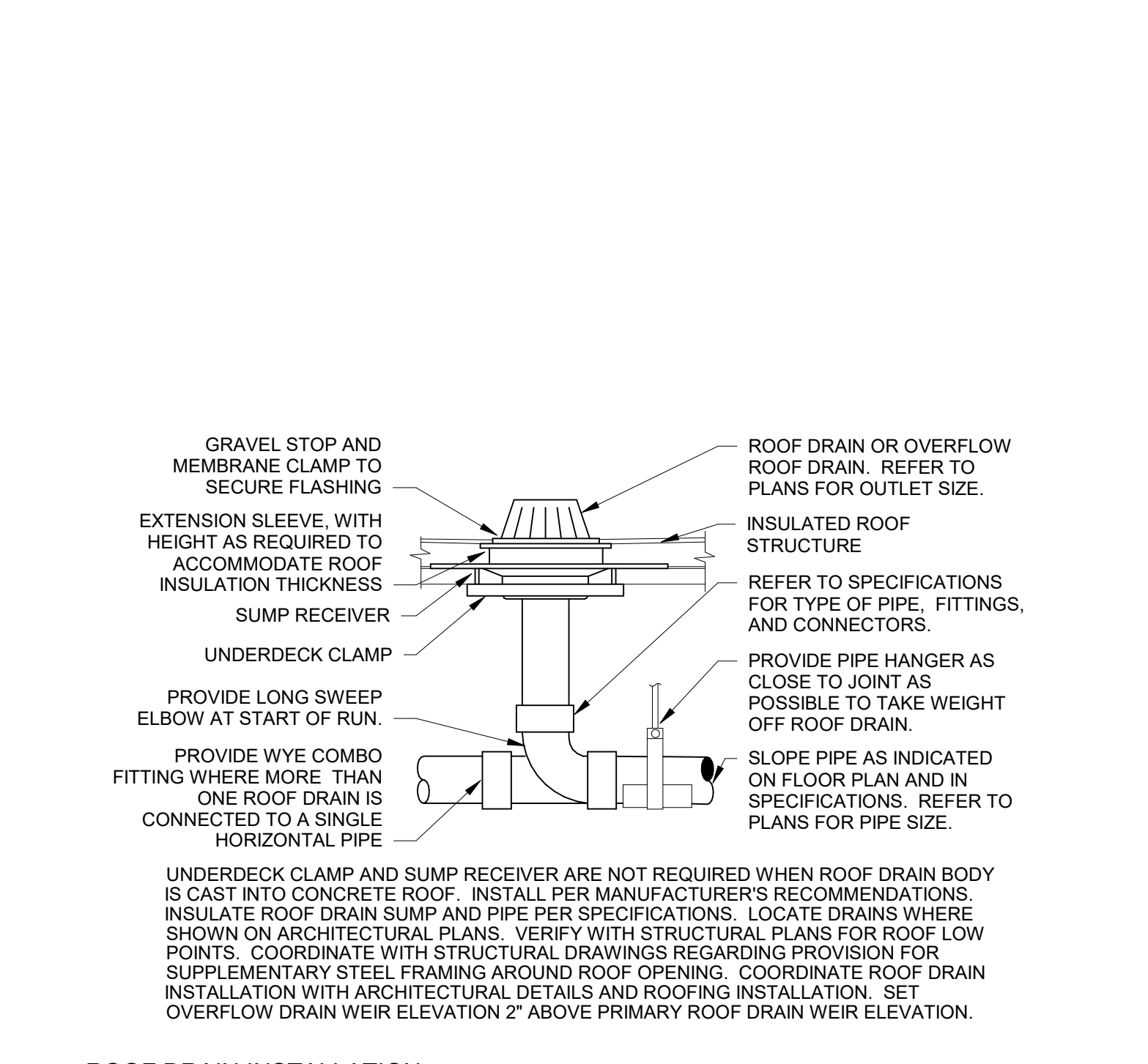
18 ROOF HYDRANT DETAIL
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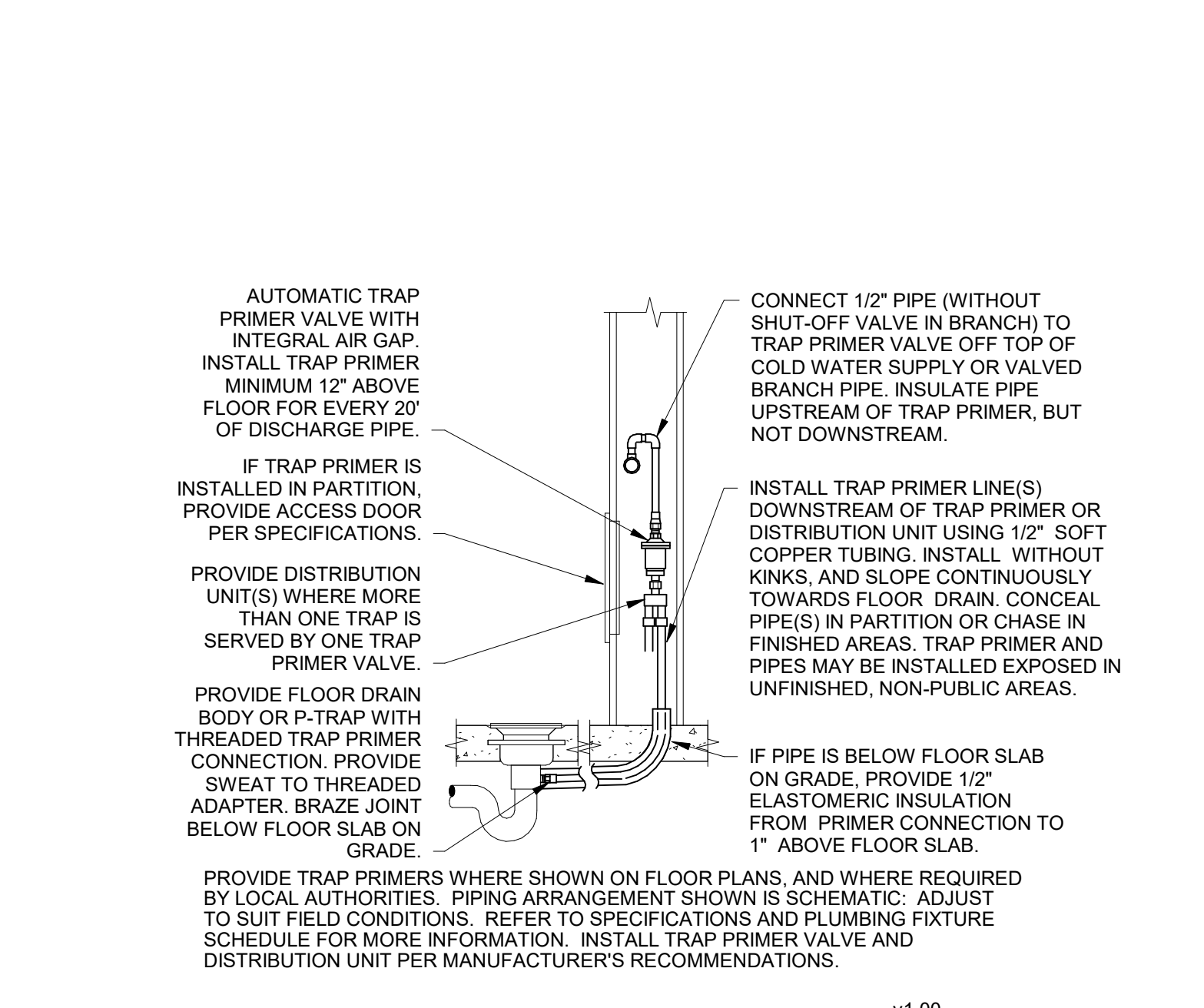
19 ISLAND FIXTURE VENT
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20 EMERGENCY GENERATOR CONNECTION
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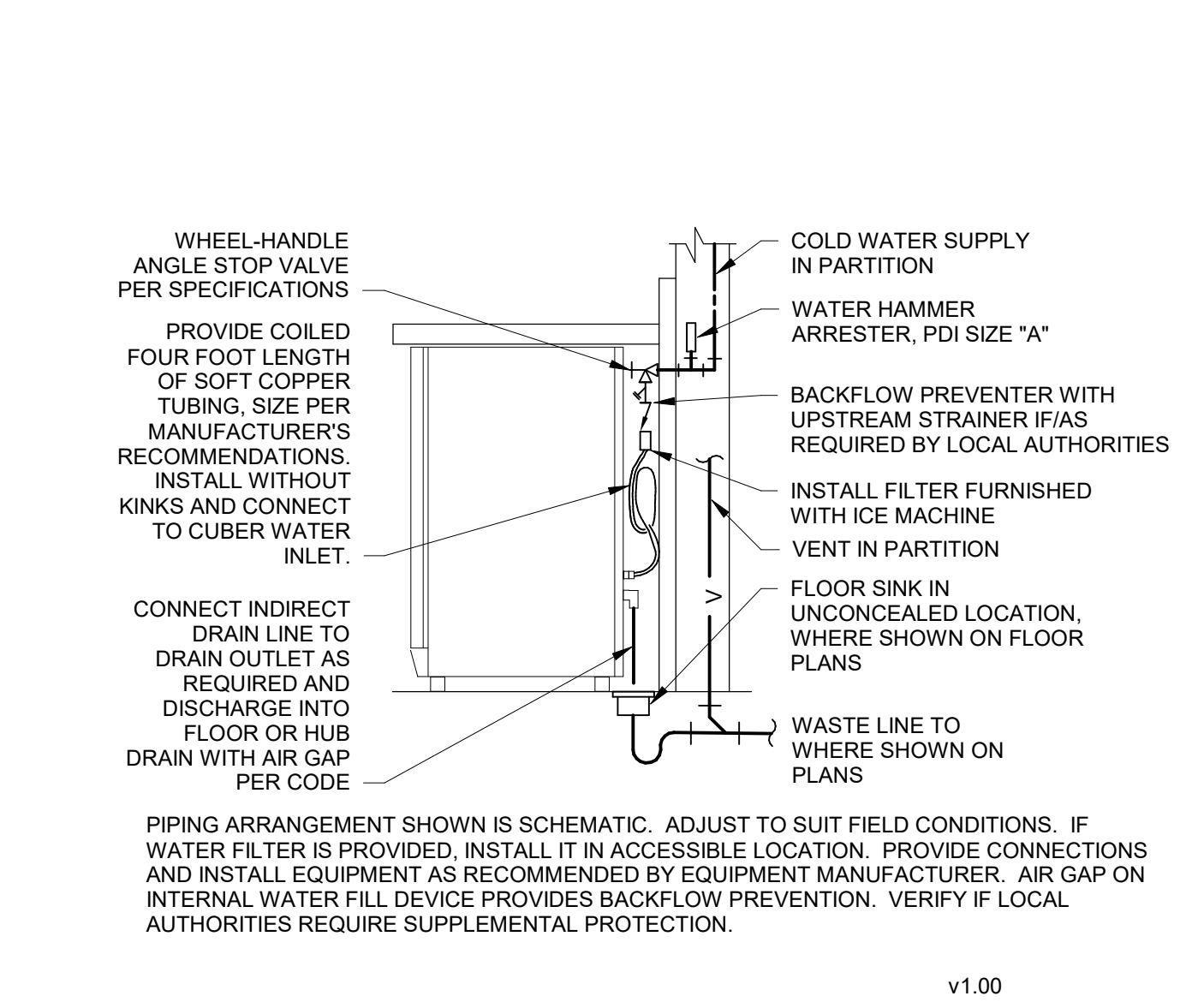
21 ROOF DRAIN INSTALLATION
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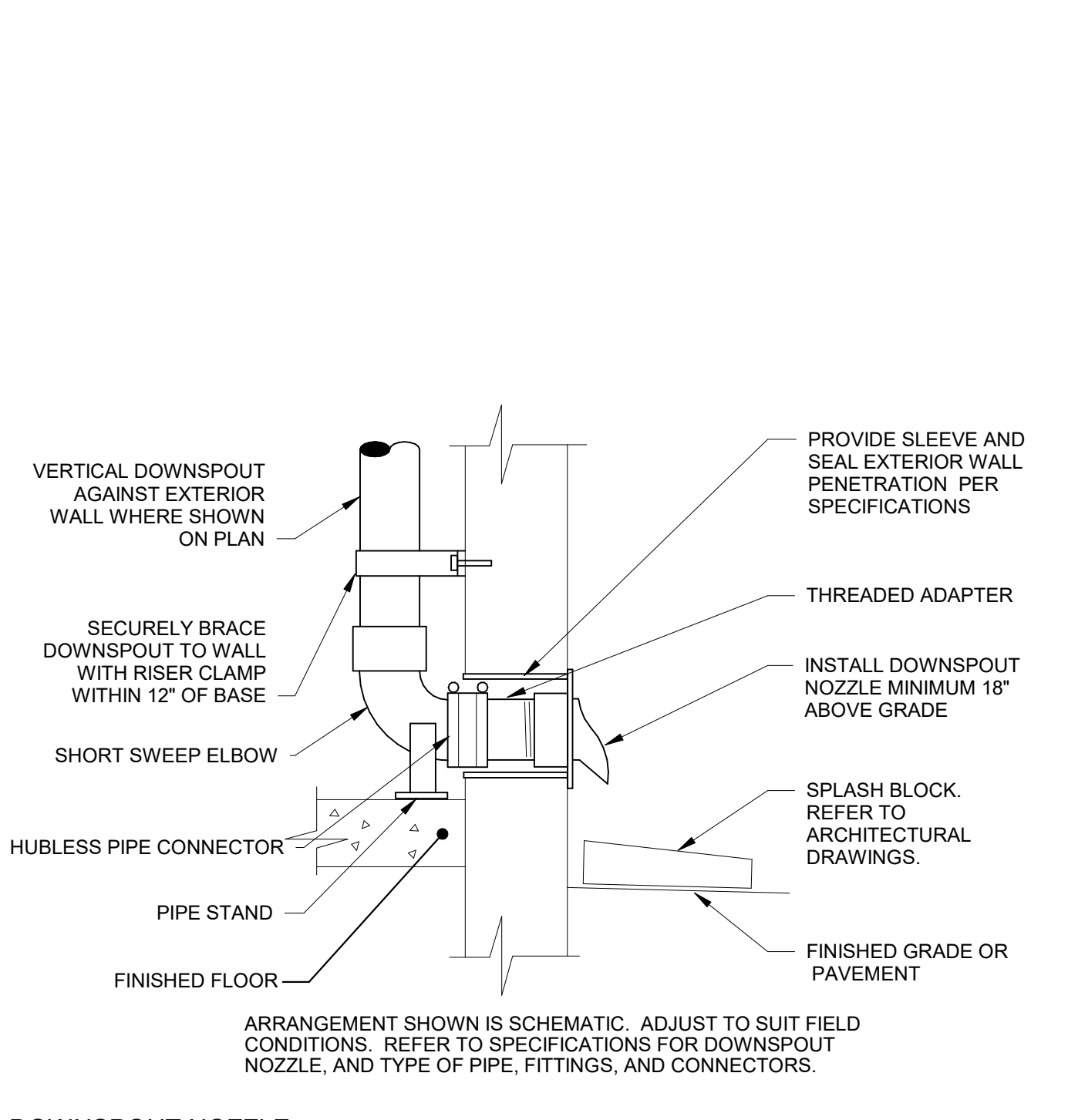
22 TRAP PRIMER UNDER LAVATORY
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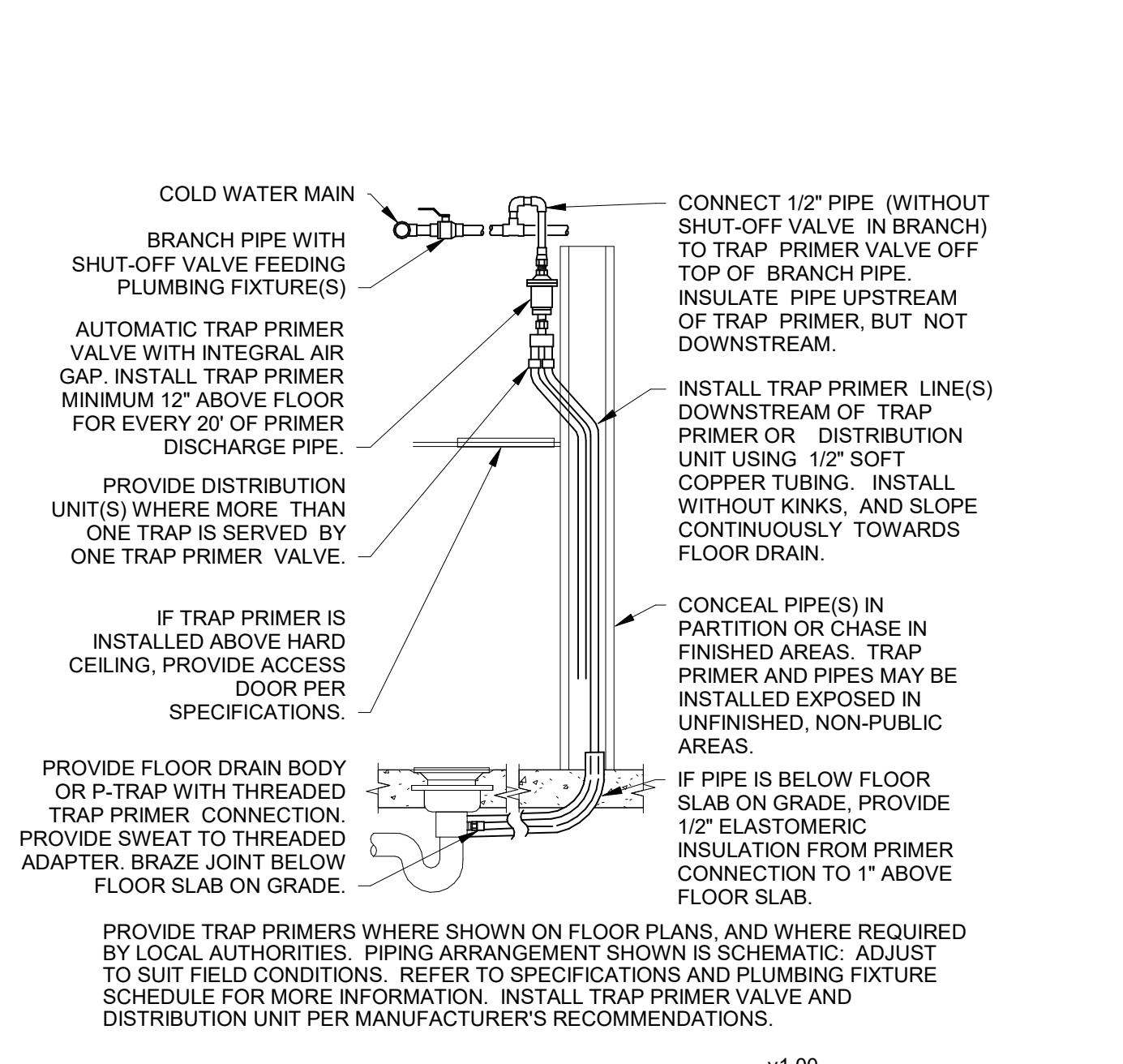
23 UNDER COUNTER ICE MACHINE
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24 RESIDENTIAL DISHWASHER CONNECTION
NTS



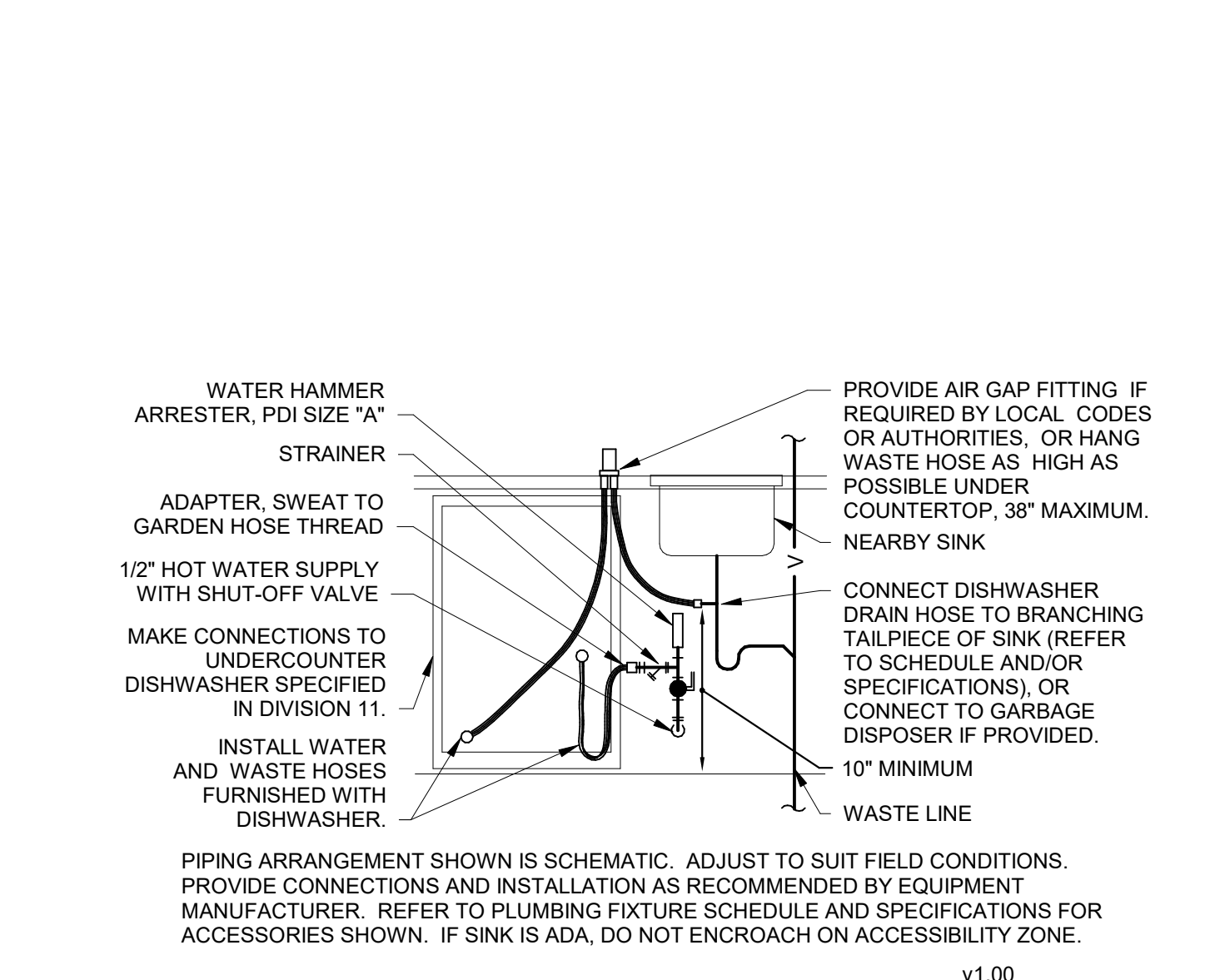
25 DOWNSPOUT NOZZLE
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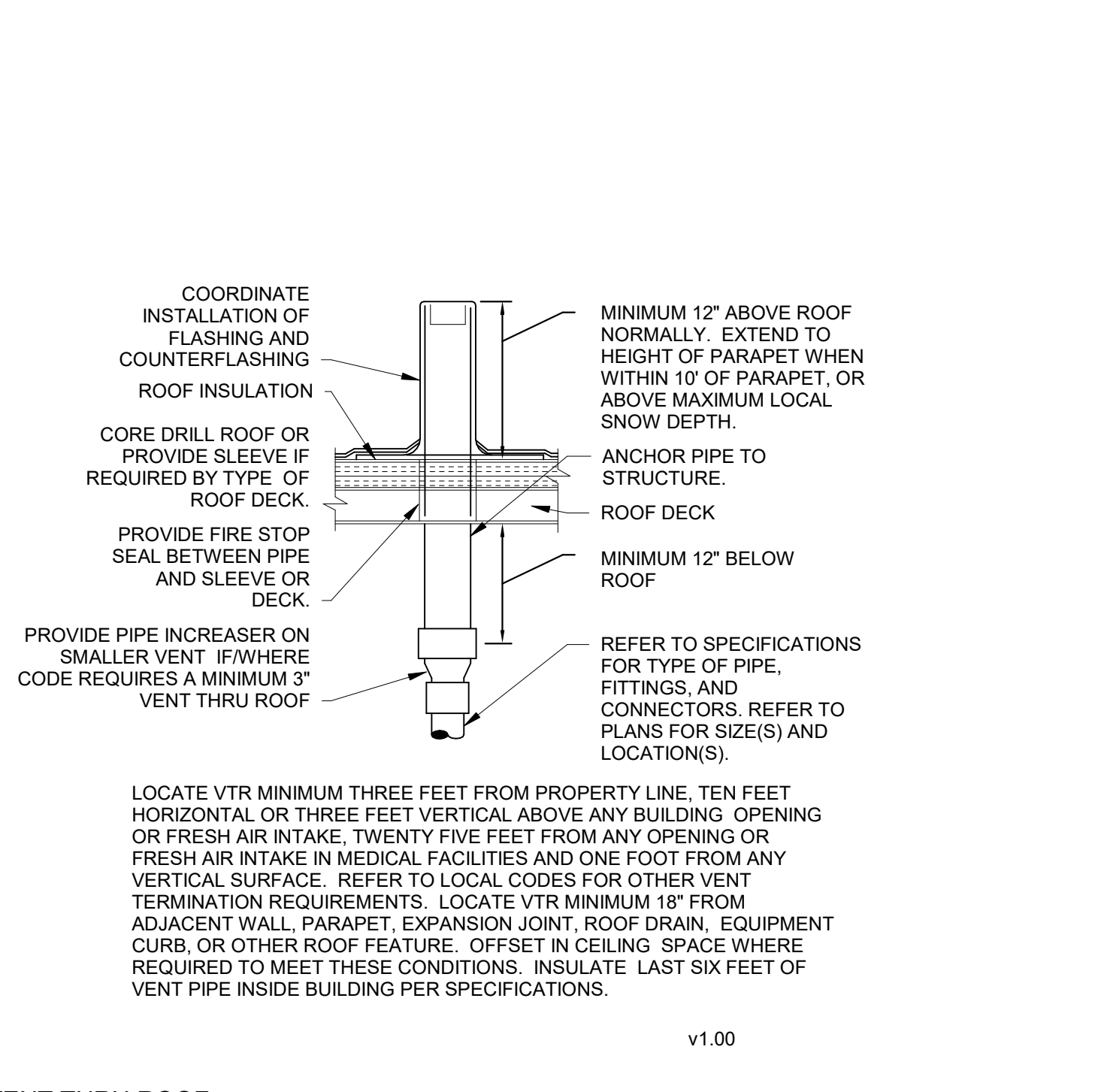
26 TRAP PRIMER OVERHEAD
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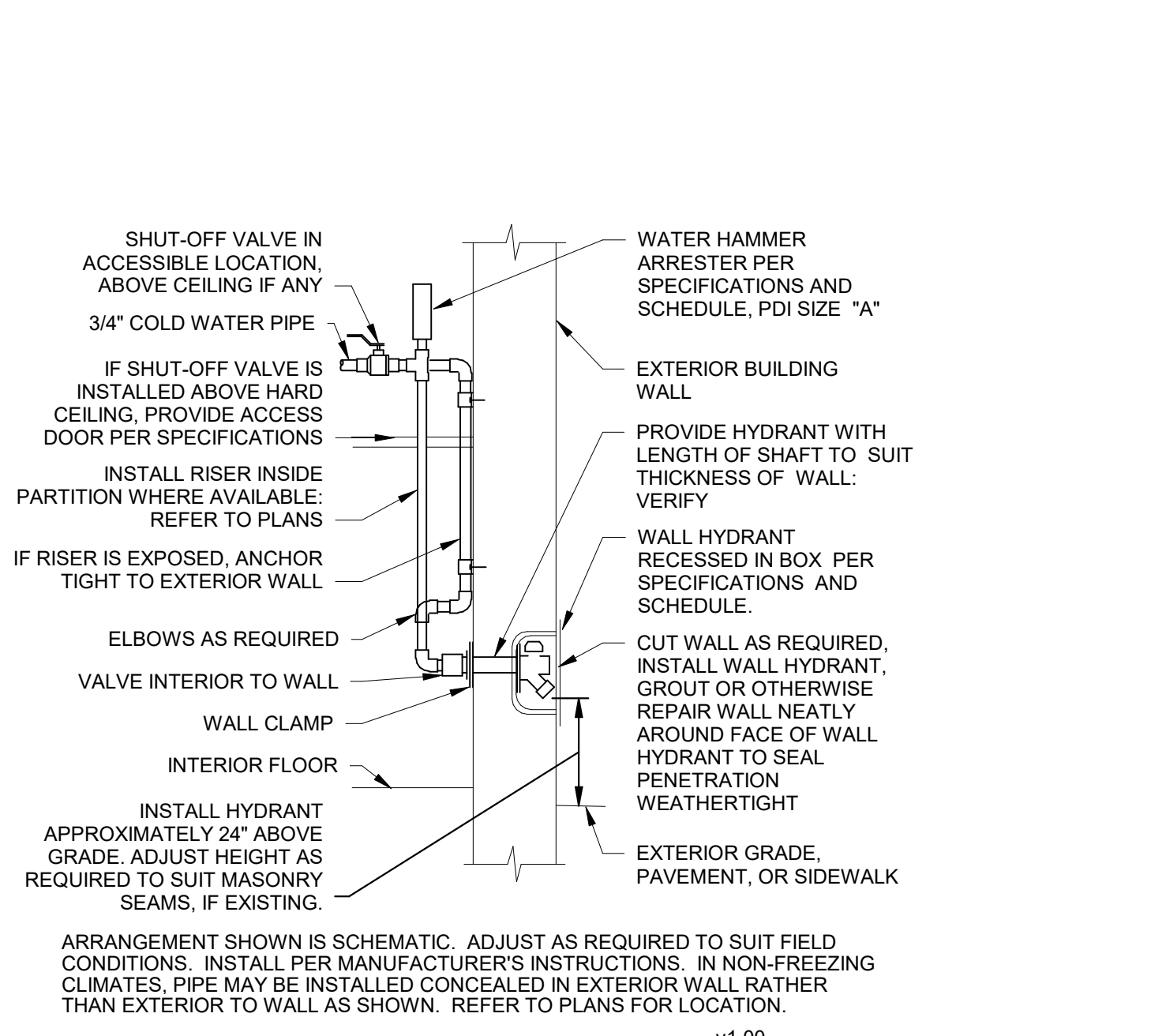
27 BEVERAGE DISPENSER CONNECTION
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28 NATURAL GAS VENT THRU ROOF
NTS



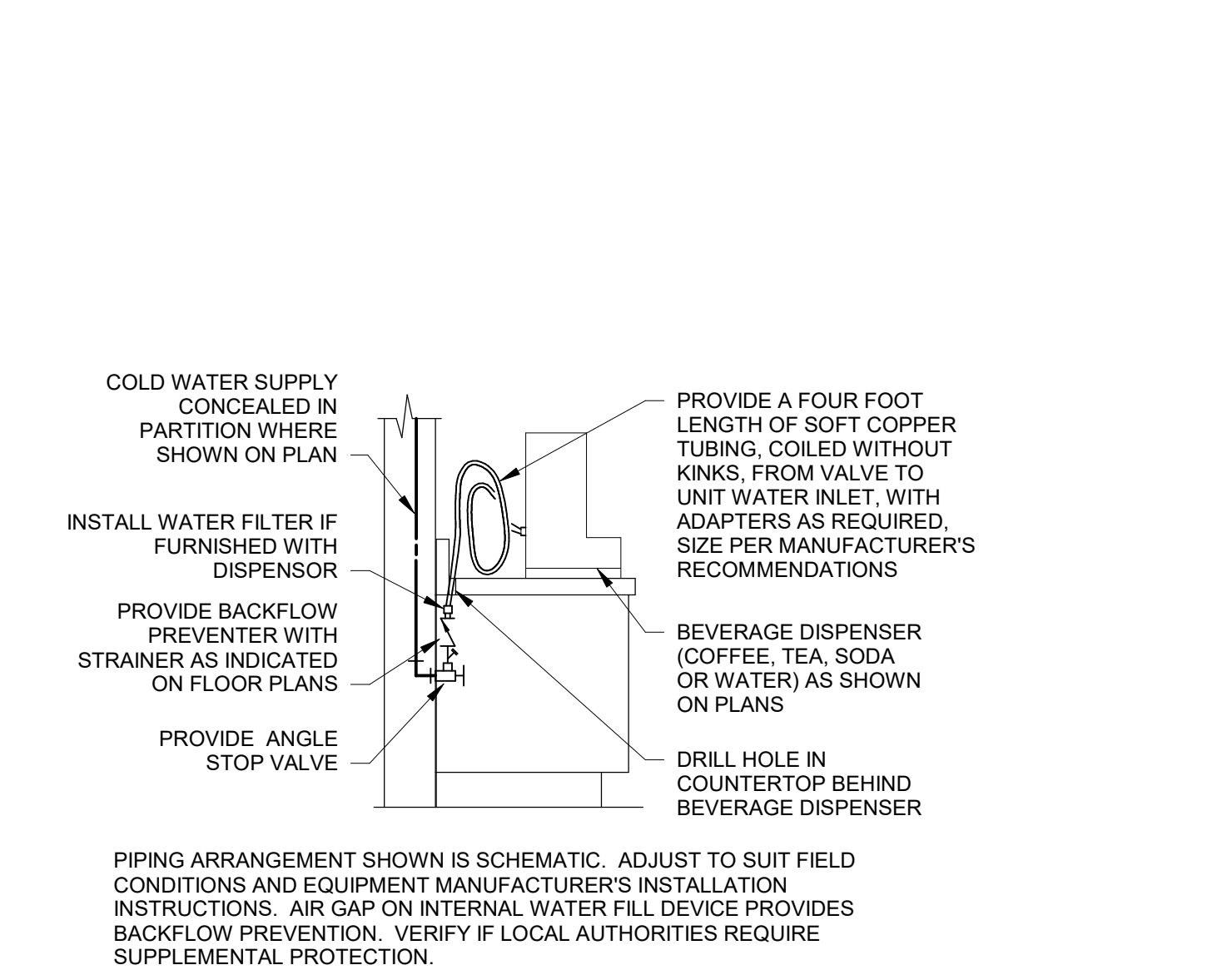
29 VENT THRU ROOF
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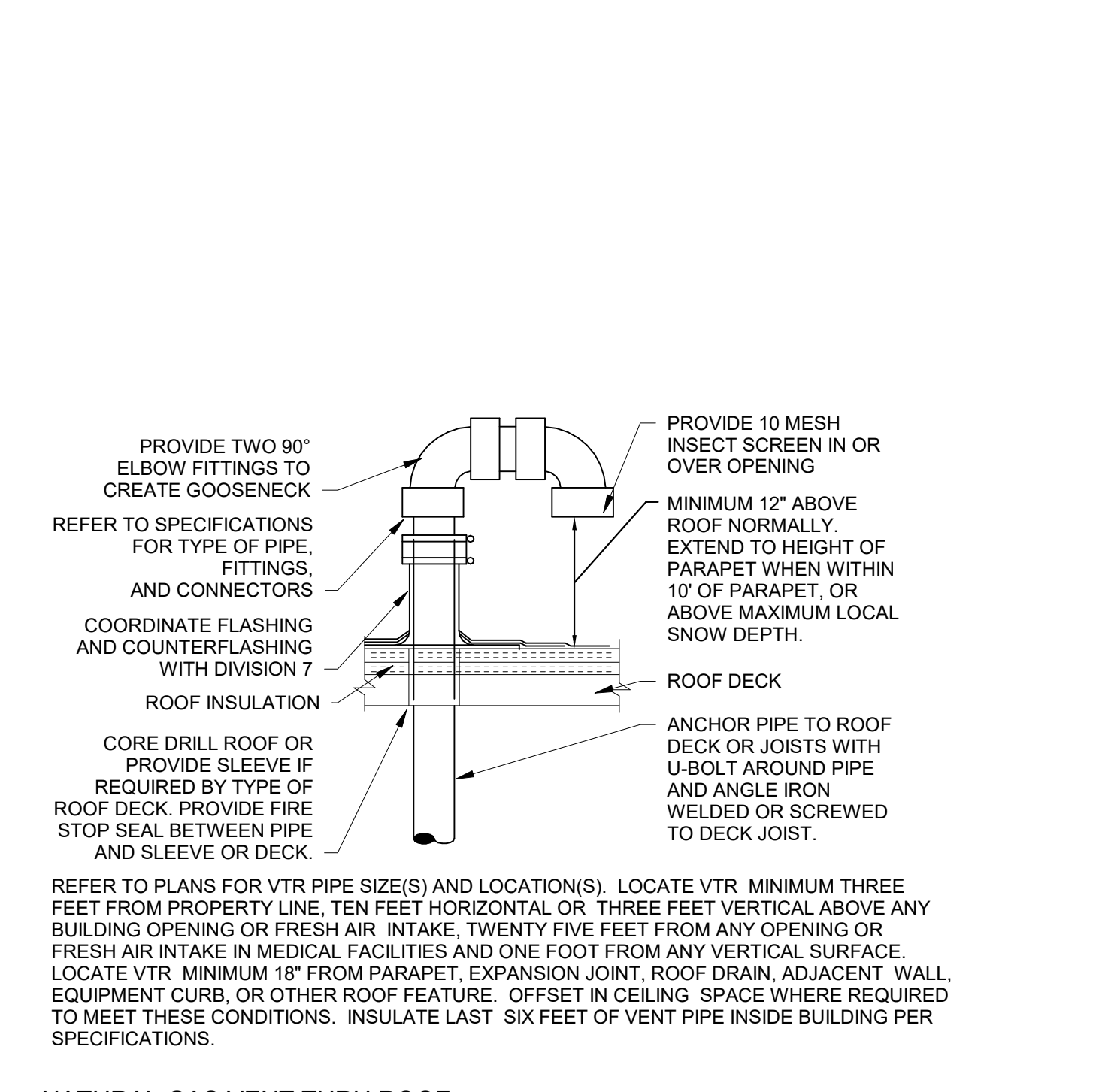
30 WALL HYDRANT INSTALLATION
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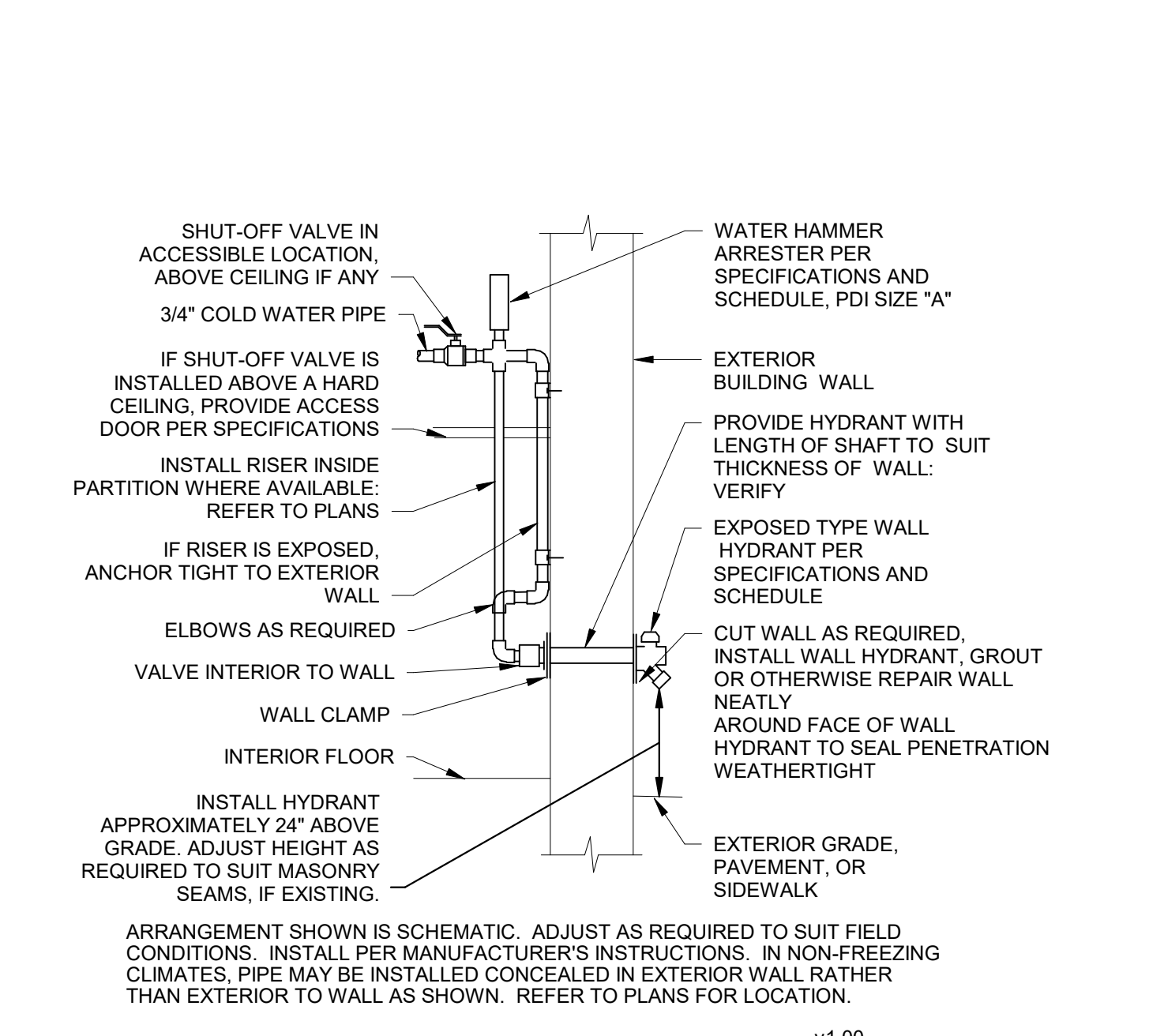
31 WALL HYDRANT INSTALLATION
NTS



32 TRAP PRIMER IN/ON WALL
NTS



33 TRAP PRIMER UNDER LAVATORY
NTS



34 WALL HYDRANT INSTALLATION
NTS

AIR COMPRESSOR SCHEDULE												
MARK	MANUFACTURER/ MODEL #	LOCATION	TYPE	ACCUMULATOR		COMPRESSOR CAPACITY		ELECTRICAL DATA			WEIGHT (LBS)	NOTES
				NOTE A	NOTE B	NOTE A	NOTE B	VOLTS	PHASE	HP		
MAC1	POWEREX.MTD0203	SIM AIR COMP + SUCTION	D		80		8.3 SCFM @ 50 PSIG	208	1	2	750	A, B, C, D, E

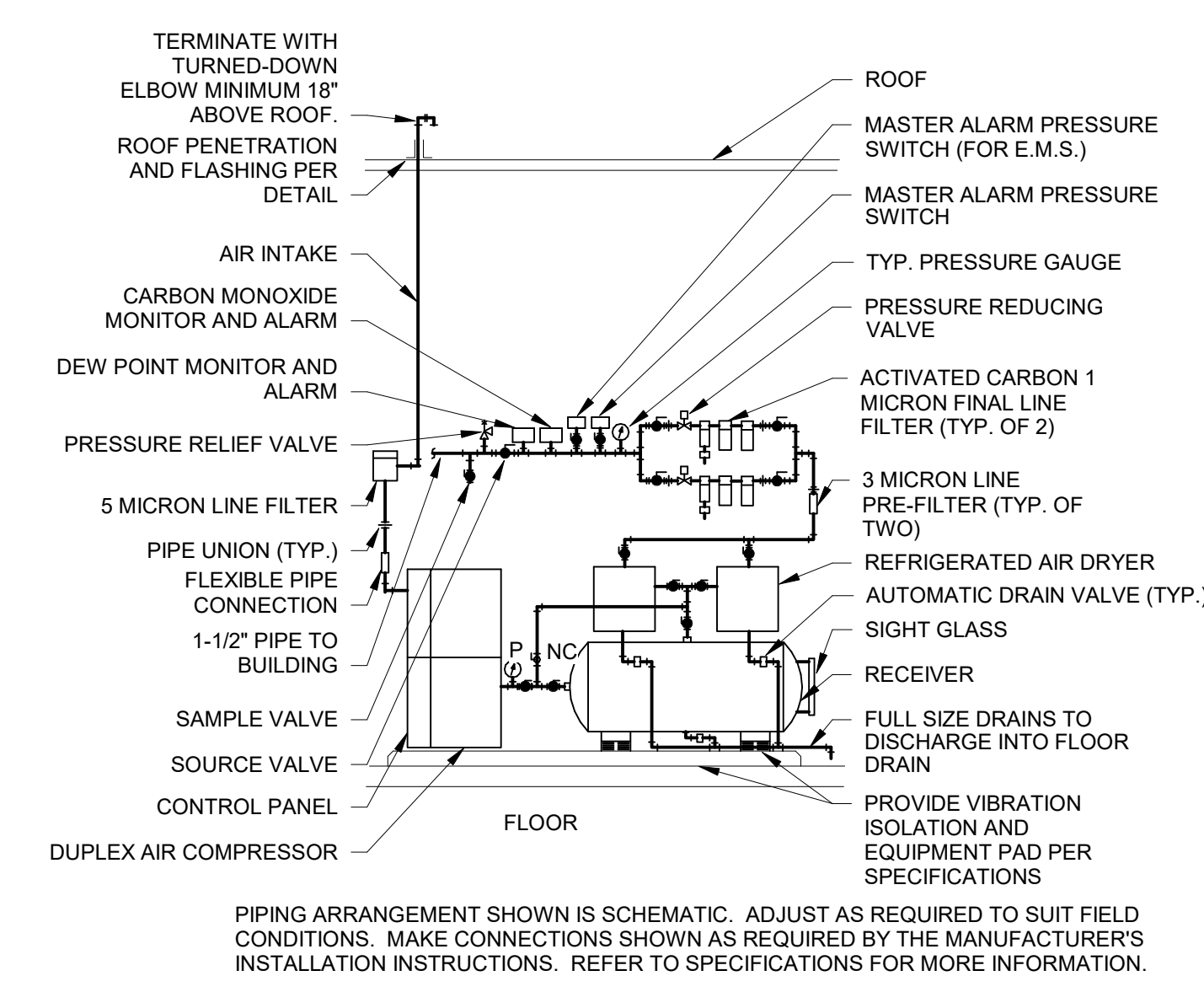
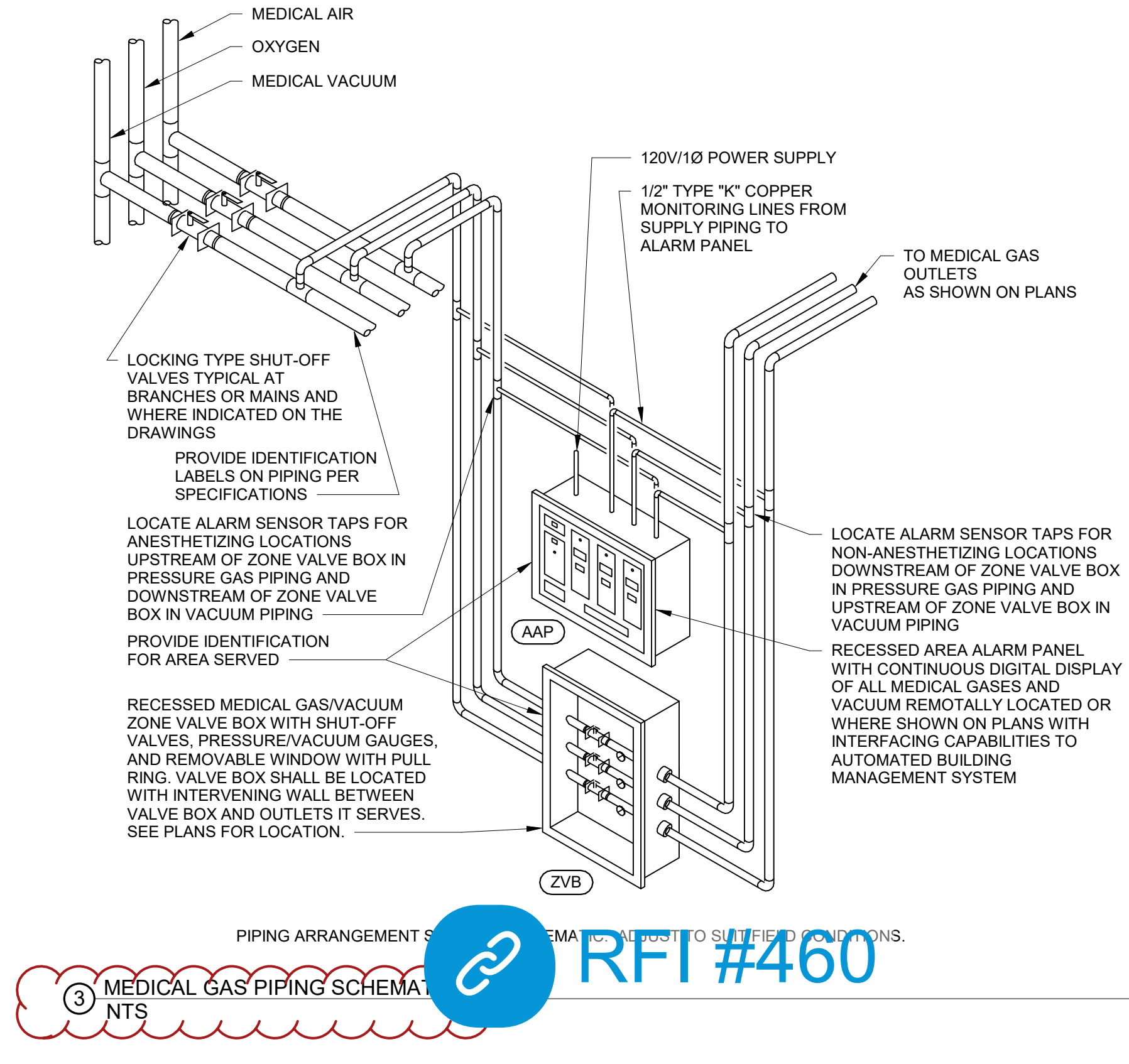
NOTES:
A. S = SIMPLEX, TANK MOUNTED. D = DUPLEX, TANK MOUNTED
B. FOR ONE COMPRESSOR ONLY
C. PROVIDE WITH TANK MOUNTED DUPLEX CONTROL PANEL WITH SINGLE SOURCE ELECTRICAL CONNECTION
D. COMPRESSORS SHALL BE OIL-LESS, SINGLE STAGE TYPE
E. SEE SPECIFICATIONS FOR MORE INFORMATION

VACUUM PUMP SCHEDULE											
MARK	MANUFACTURER / MODEL #	TYPE	STORAGE TANK CAPACITY (GALLONS)	PUMP CAPACITY (CFM @ 15" HG)	ELECTRICAL DATA			WEIGHT (LBS)	NOTES		
					NOTE A	NOTE B	NOTE C			VOLTS	PHASE
MVP1	POWEREX.VVOTD151	TMD	30	5			208	1	2	492	A, B, C, D

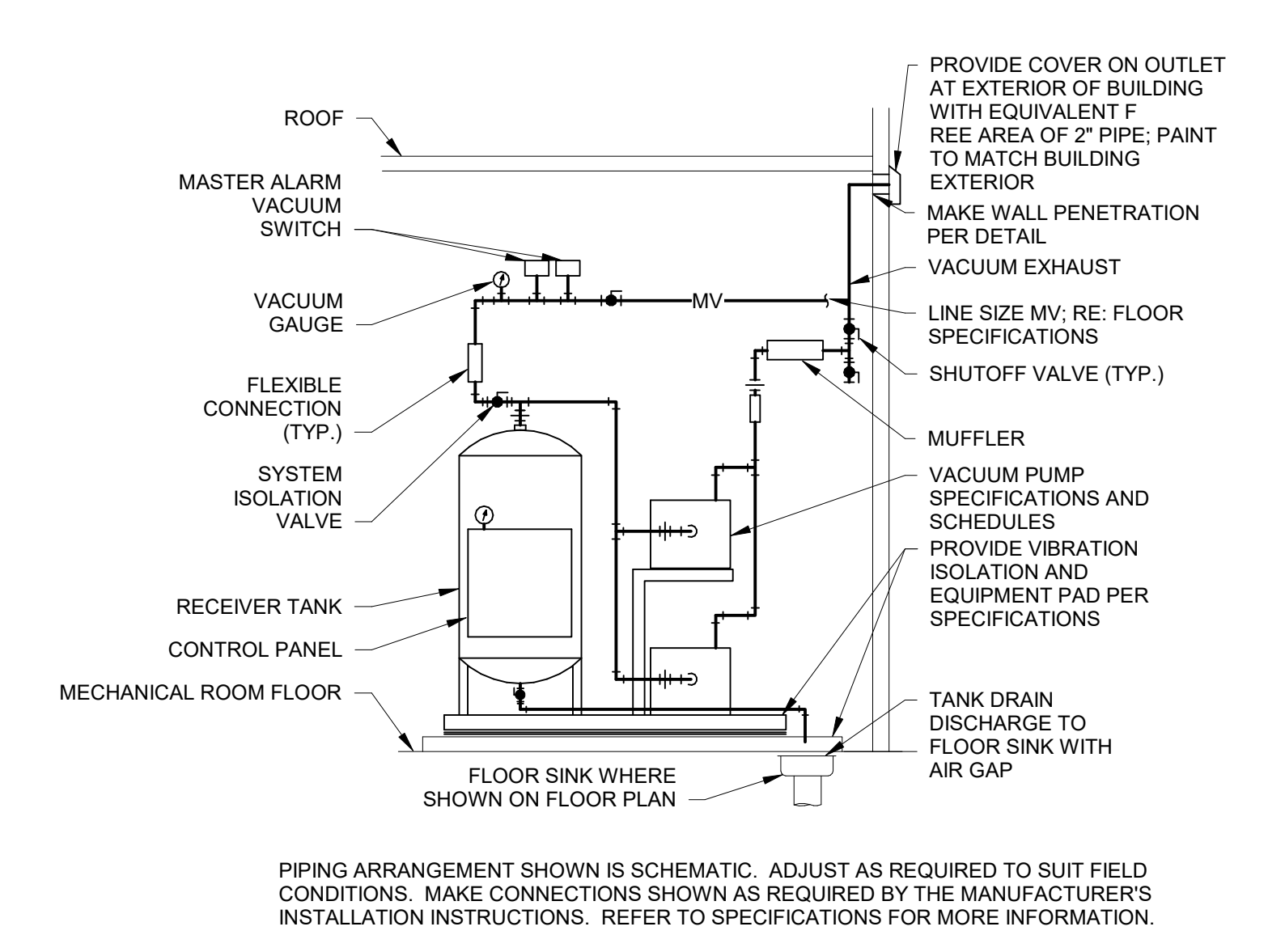
NOTES:
A. FOR EACH PUMP
B. TMD = TANK MOUNTED DUPLEX
C. VACUUM PUMPS SHALL BE OIL-LESS VANE TYPE
D. VERTICAL RECEIVER

MEDICAL GAS DEVICE SCHEDULE											
PLUMBING PLAN MARK	UNIT TYPE	MANUFACTURER	MODEL	MEDICAL AIR	MEDICAL VACUUM	OXYGEN	NOTES				
							A	B	C	D	
MAP	MASTER ALARM PANEL	AMICO	ALERT-2 SERIES								A, B, E
WO1	WALL OUTLETS	POWEREX	OLET-WALL-PB-	X			X				A, B, C, G
ZVB	ZONE VALVE BOX	POWEREX	ZVB	X			X				A, B, D, E, F

NOTES:
A. PROVIDE COMPLETE INSTALLATION OF SYSTEMS PER NFPA 99 REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS.
B. INSTALL ITEMS AT LOCATIONS AND ELEVATIONS INDICATED ON ARCHITECTURAL DRAWINGS. COORDINATE LOCATIONS WITH OTHER TRADES.
C. WALL OUTLETS SHALL BE QUICK-CONNECT TYPE GEOMETRIC INDEX.
D. INSTALL DEVICES WITH CENTERLINE OF BOXES AT 60" AFF. UNLESS INDICATED OTHERWISE.
E. MAKE ZONE VALVE BOXES SAME SIZE AS PIPE THEY SERVE. REFER TO FLOOR PLANS FOR SIZES.
F. FROM TOP TO BOTTOM IN ZONE VALVE BOXES, ORDER OF SERVICES SHALL BE OXYGEN, MEDICAL AIR, AND MEDICAL VACUUM.
G. PROVIDE A SLIDE BESIDE EACH VACUUM INLET.
H. 4 X 4 OXYGEN MANIFOLD, ROUTE PRESSURE RELIEF VALVE TO THE EXTERIOR OF THE BUILDING, TURN DOWN, AND SCREEN. PROVIDE WITH HEADER BAR ASSEMBLY AND STAINLESS STEEL BRAIDED PIG TAILS.



5 DUPLEX SIMULATION AIR COMPRESSOR SCHEDULES



4 DUPLEX VERTICAL SIMULATION VACUUM PUMP SCHEDULES

PSW Job Number:
993A

Henderson Job Number:
2150002607

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION

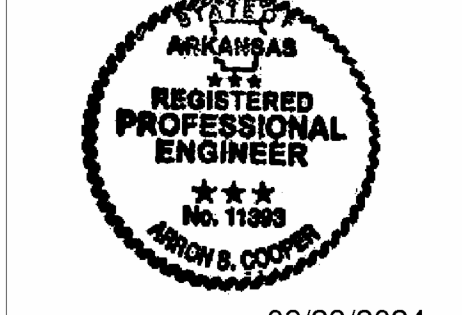
Consents:
MEDICAL GAS DETAILS AND SCHEDULES



02/21/2023

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P502



DOMESTIC BOOSTER PUMP SCHEDULE

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

A. BOOSTER PUMP CONFIGURATION TYPES: 1-TWO 2-TRIPLEX W/ VARIABLE FREQUENCY DRIVE FOR EACH VERTICAL MULTI-STAGE PUMP CRE 15-2. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

B. MOTOR HORSEPOWER SHOWN IS FOR ONE PUMP.

C. PROVIDE WITH CONTROL PANEL. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

D. MINIMUM DISCHARGE HEADER PRESSURE = OPERATING PRESSURE - DESIGN FRICTION LOSS.

E. PROVIDE PUMPS WITH SCHEDULED DESIGN FLOW RATE WITH TOTAL DYNAMIC HEAD + DISCHARGE PRESSURE - SUCTION PRESSURE - PSI FOR SYSTEM LOSSES.

IRRIGATION BOOSTER PUMP SCHEDULE

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

AMTRON 40T-12 ACCUMULATOR TANK FURNISHED AS PART OF PUMP PACKAGE.

FACTORY-MOUNTED DISCONNECT PROVIDED AS PART OF PUMP PACKAGE.

WATER FILTER SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, SERVICE FLOW RATE, DOWNFLOW RATE, PIPE CONNECTIONS, ELECTRICAL, OPERATING WEIGHT, NOTES.

TOXINSHIELD FILTRATION

Table with columns: QUANTITY, TANK DIMENSIONS, TYPE, CONNECTIONS, ELECTRICAL.

NO SALT CONDITIONER

Table with columns: QUANTITY, CONTROLLER, TWS, TYPE, CONNECTIONS, ELECTRICAL.

UV DISINFECTION

Table with columns: QUANTITY, MODEL #, TWS, CONNECTIONS, ELECTRICAL.

A. ALL COMPONENTS SHALL BE SKID MOUNTED AS A SINGLE UNIT PRE-PIPED AND PRE-WIRED.

WATER PIPE SIZING CHART (IPC)

LEVEL 0, LEVEL 1, LEVEL 2

Water pipe sizing chart for Level 0, Level 1, and Level 2. Columns include Pipe Size, Internal Diameter, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM.

WATER PIPE SIZING CHART (IPC)

LEVEL 3

Water pipe sizing chart for Level 3. Columns include Pipe Size, Internal Diameter, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM.

WATER PIPE SIZING CHART (IPC)

LEVEL 4

Water pipe sizing chart for Level 4. Columns include Pipe Size, Internal Diameter, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM, Flush Tank SFU, Flush Valve SFU, Velocity, Flow GPM.

WATER HEATER GAS COPPER FIN TUBE SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, INPUT BTU/H, ELECTRICAL REQUIREMENTS, EFFICIENCY (%), RECOVERY (GPM), WEIGHT (LBS), NOTES.

ASME EXPANSION TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TANK SIZE (GALLONS), VOLUME (GALLONS), AIR PRESSURE (PSI), SERVICE WEIGHT (LBS), NOTES.

EXPANSION TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, TANK SIZE (GALLONS), VOLUME (GALLONS), AIR PRESSURE (PSI), SERVICE WEIGHT (LBS), NOTES.

HOT WATER STORAGE TANK SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE (GALLONS), WEIGHT (LBS), NOTES.

ELECTRIC STORAGE WATER HEATER SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, TANK SIZE (GALLONS), ELECTRICAL DATA, RECOVERY (GPM), WEIGHT (LBS), NOTES.

CONDENSATE PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, CONDENSATE RATE (GPM), HEAD (FT), RESERVOIR SIZE (GAL), ELEC. DATA, WEIGHT (LBS), NOTES.

RECIRCULATION PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, GPM, HEAD (FT), CONNECTION SIZE (IN), IMPELLER SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

ELEVATOR SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

HEAT TRACE CONTROL PANEL SCHEDULE

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

TOTAL CONNECTED NATURAL GAS LOAD

Table with columns: EQUIPMENT DESIGNATION, DESCRIPTION, CFH (EACH), TOTAL.

Table with columns: PIPE SIZE, INTERNAL DIAMETER, LOAD (CFH).

Table with columns: EQUIPMENT DESIGNATION, DESCRIPTION, CFH (EACH), TOTAL.

Table with columns: MARK, MANUFACTURER / MODEL #, VALVE TYPE, VALVE BODY SIZE (INCHES), MAX. FLOW RATE (CFH), INLET PRESSURE (PSI), OUTLET PRESSURE (PSI), SERVICE, NOTES.

GAS PRESSURE REGULATOR SCHEDULE FOR 2 PSI SYSTEMS

Table with columns: MARK, MANUFACTURER / MODEL #, VALVE TYPE, VALVE BODY SIZE (INCHES), MAX. FLOW RATE (CFH), INLET PRESSURE (PSI), OUTLET PRESSURE (PSI), SERVICE, NOTES.

PIPE HEAT TRACE SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

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Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

Table with columns: MARK, MANUFACTURER / MODEL #, APPLICATION, TOTAL LENGTH (FT), NUMBER OF CIRCUITS, LENGTH PER CIRCUIT (FT), PIPE HEAT TEMP. SETTINGS (F), VOLTS, WATTS, PHASE, NOTES.

CONDENSATE PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, CONDENSATE RATE (GPM), HEAD (FT), RESERVOIR SIZE (GAL), ELEC. DATA, WEIGHT (LBS), NOTES.

RECIRCULATION PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, GPM, HEAD (FT), CONNECTION SIZE (IN), IMPELLER SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

ELEVATOR SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

HEAT TRACE CONTROL PANEL SCHEDULE

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

CONDENSATE PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, LOCATION, CONDENSATE RATE (GPM), HEAD (FT), RESERVOIR SIZE (GAL), ELEC. DATA, WEIGHT (LBS), NOTES.

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SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, AREA SERVED, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

ELEVATOR SUMP PUMP SCHEDULE

Table with columns: MARK, MANUFACTURER / MODEL #, GPM, HEAD (FT), DISCHARGE SIZE (IN), ELECTRICAL DATA, WEIGHT (LBS), NOTES.

HEAT TRACE CONTROL PANEL SCHEDULE

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