

Addendum 1 for RFB 950200-01

Project Name: MPCF Water Main Replacement

RFB #: 950200-01

DAS Project #: 9502.00

Date: 2/20/2026

Bid Due: February 25th, 2026 at 3:00 pm

Addendum No. 1 Items:

1. See MODUS Engineering Addendum #1
 - a. Revision to Specification Section 22 0529 – Hanger and Supports for Plumbing and Equipment
 - b. Revision to PD101.2 East Wing Plumbing Demolition Plan
 - c. Revision to P100.1 – Tunnel Plumbing Plan – at Powerhouse
 - d. Revision to P100.1A – Tunnel Plumbing Plan – at Powerhouse – Alternate 1
 - e. Revision to P100.2 – Tunnel Plumbing Plan – Central
 - f. Revision to P100.2A – Tunnel Plumbing plan – Central – Alternate 1
 - g. Revision to P100.3 – Tunnel Plumbing Plan – At Main Building
 - h. Revision to P100.3A – Tunnel Plumbing Plan – At Main Building – Alternate 1
 - i. Revision to P101.2 East Wing Plumbing Plan
 - j. Revision to P101.2A – East Wing Plumbing Plan – Alternate 1
 - k. Revision to P501 Plumbing Details and Schedules
 - l. Revision to ED101.0 Prison Facility Electrical Demolition Plans
 - m. Revision to E100.0 Powerhouse Electrical Plans

2. See attached Meeting Minutes & Sign-in Sheet from February 12th Pre-Bid Meeting.

END OF ADDENDUM

| | | |
|--------------------------------------|-------------------------------------|-------------------------|
| Mount Pleasant Correctional Facility | | |
| PROJECT: | Hot and Cold Water Main Replacement | PROJECT NUMBER: 25-182 |
| | | DATE: February 19, 2026 |

NOTE { THIS ADDENDUM HAS BEEN ISSUED TO MODIFY AND/OR INTERPRET THE BIDDING DOCUMENTS, INCLUDING THE DRAWINGS AND SPECIFICATIONS. UNLESS OTHERWISE INSTRUCTED, THE INFORMATION CONTAINED ON THE ADDENDUM SHALL TAKE PRECEDENCE OVER ANYTHING CONTRARY ON THE ORIGINAL BIDDING DOCUMENTS AND SHALL BE HEREINAFTER CONSIDERED AS A PART OF THE BIDDING DOCUMENTS.

SPECIFICATIONS

SECTION 22 0529 – HANGER AND SUPPORTS FOR PLUMBING AND EQUIPMENT

- 1. **REVISE** entire specification section.

PLANS

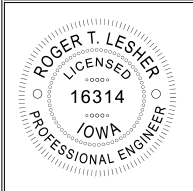
PD101.2 - EAST WING PLUMBING DEMOLITION PLAN

- VIEW 1 - EAST WING PLUMBING DEMOLITION PLAN
 - 1. **CLARIFY** room layout and location of existing switchgear in MECHANICAL/ELECTRICAL E022.
 - 2. **REVISE** demolition scope in MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.

P100.1 - TUNNEL PLUMBING PLAN - AT POWERHOUSE

- REFERENCED NOTES
 - 1. **ADD** Referenced Note P34 to read: OFFSET PIPING AROUND EXISTING CONCRETE THRUST BLOCK IN THIS AREA. TO MAINTAIN EXISTING WALKWAY, PIPING SHALL NOT EXTEND WEST BEYOND WEST FACE OF THRUST BLOCK.
- VIEW 1 - TUNNEL PLUMBING PLAN - AT POWERHOUSE
 - 1. **CLARIFY** location of existing concrete thrust block. Refer to supplemental drawings for location.
 - 2. **ADD** required offsets to accommodate existing concrete thrust block. Refer to supplemental drawings for additional details.
 - 3. **ADD** Referenced Note P34. Refer to supplemental drawings for location.
- VIEW 2 - TUNNEL SECTION 1
 - 1. **CLARIFY** location of existing concrete thrust block. Refer to supplemental drawings for location.
 - 2. **ADD** required offsets to accommodate existing concrete thrust block. Refer to supplemental drawings for additional details.
 - 3. **ADD** Referenced Note P34. Refer to supplemental drawings for location.
 - 4. **REVISE** text note to read: MIN. 12" TO ALLOW SPACE FOR MAINTENANCE ACTIVITIES AND FUTURE CONNECTIONS EXCEPT WHERE OFFSETS ARE SHOWN AROUND OBSTACLES.

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. My license renewal date is December 31, 2027.



R. Leshler 02/19/2026
 Roger T. Leshler Date

Pages or sheets covered by this seal:
 Specification Div 22,26
 Drawings: See sheet index

P100.1A - TUNNEL PLUMBING PLAN - AT POWERHOUSE - ALTERNATE 1

- REFERENCED NOTES
 1. **ADD** Referenced Note P34 to read: OFFSET PIPING AROUND EXISTING CONCRETE THRUST BLOCK IN THIS AREA. TO MAINTAIN EXISTING WALKWAY, PIPING SHALL NOT EXTEND WEST BEYOND WEST FACE OF THRUST BLOCK.
- VIEW 1 - TUNNEL PLUMBING PLAN - AT POWERHOUSE - ALTERNATE 1
 1. **CLARIFY** location of existing concrete thrust block. Refer to supplemental drawings for location.
 2. **ADD** required offsets to accommodate existing concrete thrust block. Refer to supplemental drawings for additional details.
 3. **ADD** Referenced Note P34. Refer to supplemental drawings for location.
- VIEW 2 - TUNNEL SECTION 1 - ALTERNATE 1
 1. **CLARIFY** location of existing concrete thrust block. Refer to supplemental drawings for location.
 2. **ADD** required offsets to accommodate existing concrete thrust block. Refer to supplemental drawings for additional details.
 3. **ADD** Referenced Note P34. Refer to supplemental drawings for location.
 4. **REVISE** text note to read: MIN. 12" TO ALLOW SPACE FOR MAINTENANCE ACTIVITIES AND FUTURE CONNECTIONS EXCEPT WHERE OFFSETS ARE SHOWN AROUND OBSTACLES.

P100.2 - TUNNEL PLUMBING PLAN - CENTRAL

- REFERENCED NOTES
 1. **ADD** Referenced Note 35 to read: PROVIDE NEW PENETRATIONS IN EXISTING BLOCK WALL IN THIS LOCATION. OFFSET PIPING TO STACK VERTICALLY AS REQUIRED.
- VIEW 1 - TUNNEL PLUMBING PLAN - CENTRAL
 1. **ADD** required offsets to accommodate penetrations in existing block wall. Refer to supplemental drawings for additional details.
 2. **ADD** Referenced Note P35. Refer to supplemental drawings for location.
- VIEW 2 - TUNNEL SECTION 2
 1. **ADD** required offsets to accommodate penetrations in existing block wall. Refer to supplemental drawings for additional details.
 2. **ADD** Referenced Note P35. Refer to supplemental drawings for location.
 3. **REVISE** text note to read: MIN. 12" TO ALLOW SPACE FOR MAINTENANCE ACTIVITIES AND FUTURE CONNECTIONS EXCEPT WHERE OFFSETS ARE SHOWN AROUND OBSTACLES.

P100.2A - TUNNEL PLUMBING PLAN - CENTRAL - ALTERNATE 1

- REFERENCED NOTES
 1. **ADD** Referenced Note 35 to read: PROVIDE NEW PENETRATIONS IN EXISTING BLOCK WALL IN THIS LOCATION. OFFSET PIPING TO STACK VERTICALLY AS REQUIRED.
- VIEW 1 - TUNNEL PLUMBING PLAN - CENTRAL - ALTERNATE 1
 1. **ADD** required offsets to accommodate penetrations in existing block wall. Refer to supplemental drawings for additional details.
 2. **ADD** Referenced Note P35. Refer to supplemental drawings for location.
- VIEW 2 - TUNNEL SECTION 2 - ALTERNATE 1
 1. **ADD** required offsets to accommodate penetrations in existing block wall. Refer to supplemental drawings for additional details.
 2. **ADD** Referenced Note P35. Refer to supplemental drawings for location.
 3. **REVISE** text note to read: MIN. 12" TO ALLOW SPACE FOR MAINTENANCE ACTIVITIES AND FUTURE CONNECTIONS EXCEPT WHERE OFFSETS ARE SHOWN AROUND OBSTACLES.

P100.3 - TUNNEL PLUMBING PLAN - AT MAIN BUILDING

- REFERENCED NOTES
 1. **REVISE** Referenced Note P16 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO MAINTAIN ACCESS AND CLEARANCE FOR ELECTRICAL JUNCTION BOXES AND MAXIMIZE ACCESSIBILITY FROM SIDE TUNNEL STAIRWAY. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
 2. **REVISE** Referenced Note P17 to read: COORDINATE NEW HOT WATER AND HOT WATER RECIRCULATION MAIN ROUTING WITH EXISTING PIPING AND ELECTRICAL JUNCTION BOXES IN THIS AREA AND OFFSET AS NECESSARY TO ROUTE AS TIGHT TO TUNNEL CEILING AND SOUTH WALL OF EAST-WEST TUNNEL OFF-SHOOTS AS POSSIBLE WHILE MAINTAINING ACCESS AND CLEARANCE FOR EXISTING EQUIPMENT.
 3. **ADD** Referenced Note 36 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO MAINTAIN ACCESS AND CLEARANCE FOR ELECTRICAL JUNCTION BOXES. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
 4. **ADD** Referenced Note 37 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO AVOID SANITARY SEWER RISER IN THIS LOCATION. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
 5. **ADD** Referenced Note 39 to read: NEW NORTH-SOUTH ORIENTED PIPING NORTH OF THIS POINT SHALL BE SUPPORTED USING FLOOR SUPPORTS PER TUNNEL NORTH SECTION FLOOR SUPPORT DETAIL. SUPPORTS SHALL BE SPACED PER CODE REQUIREMENTS AND COORDINATED WITH EXISTING ELECTRICAL CONDUIT AND JUNCTION BOXES.
- VIEW 1 - TUNNEL PLUMBING PLAN - CENTRAL
 1. **REVISE** extents of offset around kitchen tunnel stairway to accommodate existing junction boxes. Refer to supplemental drawings for additional details.

2. **ADD** Referenced Note P39. Refer to supplemental drawings for location.
3. **ADD** piping offsets to accommodate existing electrical junction boxes and sanitary sewer piping along east wall of tunnel. Refer to supplemental drawings for additional details.
4. **ADD** Referenced Note P36. Refer to supplemental drawings for location.
5. **ADD** Referenced Note P37. Refer to supplemental drawings for location.
6. **CLARIFY** routing intent in East-West tunnel offshoots. Refer to supplemental drawings for additional details.

P100.3A - TUNNEL PLUMBING PLAN - AT MAIN BUILDING - ALTERNATE 1

- REFERENCED NOTES

1. **REVISE** Referenced Note P16 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO MAINTAIN ACCESS AND CLEARANCE FOR ELECTRICAL JUNCTION BOXES AND MAXIMIZE ACCESSIBILITY FROM SIDE TUNNEL STAIRWAY. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
2. **REVISE** Referenced Note P17 to read: COORDINATE NEW HOT WATER AND HOT WATER RECIRCULATION MAIN ROUTING WITH EXISTING PIPING AND ELECTRICAL JUNCTION BOXES IN THIS AREA AND OFFSET AS NECESSARY TO ROUTE AS TIGHT TO TUNNEL CEILING AND SOUTH WALL OF EAST-WEST TUNNEL OFF-SHOOTS AS POSSIBLE WHILE MAINTAINING ACCESS AND CLEARANCE FOR EXISTING EQUIPMENT.
3. **ADD** Referenced Note 36 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO MAINTAIN ACCESS AND CLEARANCE FOR ELECTRICAL JUNCTION BOXES. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
4. **ADD** Referenced Note 37 to read: OFFSET PIPING HORIZONTALLY AND VERTICALLY AS NECESSARY TO AVOID SANITARY SEWER RISER IN THIS LOCATION. PIPING SHOULD STAY AS CLOSE TO EAST WALL AND TUNNEL CEILING AS POSSIBLE.
5. **ADD** Referenced Note 39 to read: NEW NORTH-SOUTH ORIENTED PIPING NORTH OF THIS POINT SHALL BE SUPPORTED USING FLOOR SUPPORTS PER TUNNEL NORTH SECTION FLOOR SUPPORT DETAIL. SUPPORTS SHALL BE SPACED PER CODE REQUIREMENTS AND COORDINATED WITH EXISTING ELECTRICAL CONDUIT AND JUNCTION BOXES.

- VIEW 1 - TUNNEL PLUMBING PLAN - CENTRAL - ALTERNATE 1

1. **REVISE** extents of offset around kitchen tunnel stairway to accommodate existing junction boxes. Refer to supplemental drawings for additional details.
2. **ADD** Referenced Note P39. Refer to supplemental drawings for location.
3. **ADD** piping offsets to accommodate existing electrical junction boxes and sanitary sewer piping along east wall of tunnel. Refer to supplemental drawings for additional details.
4. **ADD** Referenced Note P36. Refer to supplemental drawings for location.
5. **ADD** Referenced Note P37. Refer to supplemental drawings for location.
6. **CLARIFY** routing intent in East-West tunnel offshoots. Refer to supplemental drawings for additional details.

P101.2 - EAST WING PLUMBING PLAN

- REFERENCED NOTES
 1. **ADD** Referenced Note 38 to read: OFFSET PIPING IN THIS LOCATION TO MAINTAIN CODE REQUIRED CLEARANCE AROUND EXISTING SWITCHGEAR AND COORDINATE WITH EXISTING BEAM ORIENTED EAST-WEST AT APPROX. 8'0" AFF. PROVIDE 3/4" DRAIN WITH BALL VALVE AND HOSE CONNECTION ON WEST-MOST VERTICAL OFFSET.
- VIEW 1 - EAST WING PLUMBING PLAN
 1. **CLARIFY** piping entrance from tunnel to accommodate clarification on Sheet P100.3. Refer to supplemental drawings for additional details.
 2. **REMOVE** main domestic hot water and cold water drains in STORAGE E027. Refer to supplemental drawings for additional details.
 3. **CLARIFY** existing conditions and switch gear location in MECHANICAL ELECTRICAL E022. Refer to supplemental drawings for additional details.
 4. **ADD** piping offsets to accommodate existing electrical switchgear and structural beam in MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.
 5. **ADD** Referenced Note P38. Refer to supplemental drawings for location.
 6. **REVISE** domestic cold water branch connection in MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.

P101.2A - EAST WING PLUMBING PLAN - ALTERNATE 1

- REFERENCED NOTES
 1. **ADD** Referenced Note 38 to read: OFFSET PIPING IN THIS LOCATION TO MAINTAIN CODE REQUIRED CLEARANCE AROUND EXISTING SWITCHGEAR AND COORDINATE WITH EXISTING BEAM ORIENTED EAST-WEST AT APPROX. 8'0" AFF. PROVIDE 3/4" DRAIN WITH BALL VALVE AND HOSE CONNECTION ON WEST-MOST VERTICAL OFFSET.
- VIEW 1 - EAST WING PLUMBING PLAN - ALTERNATE 1
 1. **CLARIFY** piping entrance from tunnel to accommodate clarification on Sheet P100.3. Refer to supplemental drawings for additional details.
 2. **REMOVE** main domestic hot water and cold water drains in STORAGE E027. Refer to supplemental drawings for additional details.
 3. **CLARIFY** existing conditions and switch gear location in MECHANICAL ELECTRICAL E022. Refer to supplemental drawings for additional details.
 4. **ADD** piping offsets to accommodate existing electrical switchgear and structural beam in MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.
 5. **ADD** Referenced Note P38. Refer to supplemental drawings for location.
 6. **REVISE** domestic cold water branch connection in MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.

P501 - PLUMBING DETAILS AND SCHEDULES

- VIEW 1 - TUNNEL NORTH SECTION PIPE FLOOR SUPPORT DETAIL
 1. **ADD** detail in its entirety. Refer to supplemental drawings for additional details.

ED101.0 - PRISON FACILITY ELECTRICAL DEMOLITION PLANS

- REFERENCED NOTES
 1. **REVISE** Referenced Note ED02 to read: REMOVE EXISTING WIRING, CONDUIT, AND ELECTRICAL ACCESSORIES STRICTLY SERVING EXISTING PUMP BACK TO PANEL. IF CIRCUIT IS FOUND TO SERVE OTHER EXISTING EQUIPMENT, REMOVAL EXTENTS SHALL BE BACK TO JUNCTION BOX SERVING EXISTING EQUIPMENT TO REMAIN. CIRCUIT DIRECTORY SHALL BE UPDATED WITH CONNECTED EQUIPMENT OR LABELED AS SPARE PER FINAL PROJECT CONDITIONS.
 2. **REVISE** Referenced Note ED03 to read: REMOVE EXISTING WIRING, CONDUIT, AND ELECTRICAL ACCESSORIES SERVING EXISTING PUMP BACK TO SWITCH HOUSING MOUNTED TO CEILING. REMOVE SWITCH DEVICE, CAP EXISTING WIRING WITHIN REMAINING HOUSING, AND PROVIDE BLANK COVER PLATE WITH LABEL TO DENOTE CIRCUIT AND PANEL THAT FEED WIRING.
 3. **REVISE** Referenced Note ED04 to read: REMOVE EXISTING WIRING, CONDUIT, AND ELECTRICAL ACCESSORIES SERVING EXISTING PUMP BACK TO JUNCTION BOX SERVING EXISTING EQUIPMENT TO REMAIN. CIRCUIT DIRECTORY SHALL BE UPDATED WITH CONNECTED EQUIPMENT OR LABELED AS SPARE PER FINAL PROJECT CONDITIONS.
- WEST WING ELECTRICAL DEMOLITION PLAN
 1. **REVISE** Referenced Note in MECH/ELECT. W017 to be ED02 Refer to supplemental drawings for location.
 2. **CLARIFY** scope intent within MECH/ELECT. W017. Refer to supplemental drawings for additional details.
 3. **REVISE** Referenced Note in MECH 119 to be ED03. Refer to supplemental drawings for location.
 4. **CLARIFY** scope intent within MECH 119. Refer to supplemental drawings for additional details.
- EAST WING ELECTRICAL DEMOLITION PLAN
 1. **REVISE** Referenced Note in MECH E030 to be ED04. Refer to supplemental drawings for location.
 2. **CLARIFY** scope intent within MECH E030. Refer to supplemental drawings for additional details.
 3. **CLARIFY** location of EX EAST WING EM PANEL serving existing condensate pump. Refer to supplemental drawings for location.
 4. **REVISE** Referenced Note in CONFERENCE E021 to be ED02. Refer to supplemental drawings for location.
 5. **CLARIFY** scope intent within CONFERENCE E021 and MECHANICAL/ELECTRICAL E022. Refer to supplemental drawings for additional details.

E100.0 POWERHOUSE ELECTRICAL PLANS

- REFERENCED NOTES
 1. **REVISE** Referenced Note E01 to read: CONNECT NEW ECM RECIRCULATION PUMP WITH INTEGRAL MOTOR STARTER TO EXISTING CIRCUIT SERVING REMOVED PUMP. PROVIDE NEW DISCONNECT AND COORDINATE WITH OWNER, NEW PUMP LOCATION, AND EXISTING CONDITIONS FOR FINAL DISCONNECT LOCATION.
 2. **REVISE** Referenced Note ED01 to read: REMOVE WIRING, CONDUIT, AND ELECTRICAL ACCESSORIES, INCLUDING LOCAL DISCONNECT SERVING EXISTING PUMP BACK AS NECESSARY TO MAKE CONNECTIONS SHOWN IN NEW WORK.

- VIEW 1 BOILER ROOM ELECTRICAL DEMOLITION PLANS
 1. **REVISE** view name to be: BOILER ROOM ELECTRICAL PLAN.
 2. **CLARIFY** location of EX EM PANEL 1 serving existing pump to be removed. Refer to supplemental drawings for location.
 3. **CLARIFY** existing panel EX P1 does not exist.
 4. **CLARIFY** location of existing disconnect serving existing pump to be removed. Refer to supplemental drawings for location.
 5. **REVISE** Referenced Note at pump to be ED01. Refer to supplemental drawings for location.

- VIEW 2 BOILER ROOM ELECTRICAL PLAN
 1. **REVISE** view name to be: BOILER ROOM ELECTRICAL DEMOLITION PLAN.
 2. **CLARIFY** location of EX EM PANEL 1 serving existing pump to be removed. Refer to supplemental drawings for location.
 3. **CLARIFY** existing panel EX P1 does not exist.
 4. **CLARIFY** existing pump circuit details to be: 208V-3P/15A EX EM PANEL 1-7,9,11.

VENDOR APPROVAL

NO VENDOR APPROVALS ARE INCLUDED IN THIS ADDENDUM.

ATTACHMENTS

SECTION 23 0529 – HANGER AND SUPPORTS FOR PLUMBING AND EQUIPMENT... (8.5 x 11); PD101.2 - EAST WING PLUMBING DEMOLITION PLAN.PDF; P100.1 - TUNNEL PLUMBING PLAN - AT POWERHOUSE.PDF; P100.1A - TUNNEL PLUMBING PLAN - AT POWERHOUSE - ALTERNATE 1.PDF; P100.2 - TUNNEL PLUMBING PLAN - CENTRAL.PDF; P100.2A - TUNNEL PLUMBING PLAN - CENTRAL - ALTERNATE 1.PDF; P100.3 - TUNNEL PLUMBING PLAN - AT MAIN BUILDING.PDF; P100.3A - TUNNEL PLUMBING PLAN - AT MAIN BUILDING - ALTERNATE 1.PDF; P101.2 - EAST WING PLUMBING PLAN.PDF; P101.2A - EAST WING PLUMBING PLAN - ALTERNATE 1.PDF; P501 - PLUMBING DETAILS AND SCHEDULES.PDF; ED101.0 - PRISON FACILITY ELECTRICAL DEMOLITION PLANS.PDF; E100.0 POWERHOUSE ELECTRICAL PLANS.PDF

TOTAL PAGES...23

SECTION 22 0529

HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT (ADDENDUM #1)

PPART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pipe hangers and supports
- B. Accessories
- C. Sleeves

1.02 RELATED SECTIONS

- A. Specification Section 22 0548 - Vibration and Seismic Controls for Plumbing Piping and Equipment
- B. Specification Section 22 1116 - Domestic Water Piping

1.03 REFERENCES

- A. ASME B31.9 - Building Services Piping
- B. ASTM F708 - Design and Installation of Rigid Pipe Hangers
- C. MSS SP58 - Pipe Hangers and Supports - Materials, Design and Manufacturer
- D. MSS SP69 - Pipe Hangers and Supports - Selection and Application
- E. MSS SP89 - Pipe Hangers and Supports - Fabrication and Installation Practices

1.04 SUBMITTALS

- A. All submitted documents shall be:
 - 1. Digital (scanned documents are not acceptable)
 - 2. Current, within last 5 years
 - 3. Complete and in sufficient detail to allow ready determination of compliance with contract documents
 - 4. Have options clearly indicated as applicable to each submittal
- B. Construction submittal
 - 1. Provide (1) submittal including all products listed in this specification section. Provide the following for each product.
 - a. Product Data
 - b. Design Data, indicating load capacity of hangers

1.05 REGULATORY REQUIREMENTS

- A. Conform to applicable code for support of piping.

PART 2 PRODUCTS

2.01 PIPE HANGERS AND SUPPORTS

- A. Manufacturers:
 - 1. Anvil International
 - 2. Tolco/Cooper B-Line
 - 3. Engineer pre-approved equal.
- B. Plumbing Piping - Water:
 - 1. Conform to ASME B31.9; ASTM F708.
 - 2. Hangers for Pipe Sizes 1/2 Inch to 1-1/2 Inches: Carbon steel adjustable swivel, split ring. Anvil International Figure 104.
 - 3. Hangers for Cold Pipe Sizes 2 Inch and Over: Carbon steel, adjustable, clevis.
 - 4. Hangers for Hot Pipe Sizes 2 Inch to 4 Inch: Carbon steel, adjustable, clevis.

5. Multiple or Trapeze Hangers: Steel channels with welded spacers and hanger rods.
 6. Wall Support for Pipe Sizes to 3 Inches: Welded steel bracket with galvanized coating.
 7. Wall Support for Pipe Sizes 4 Inches Over: Welded steel bracket and wrought steel clamp.
 8. Vertical Support: Steel riser clamp.
 9. Floor Support for Cold Pipe: Cast iron adjustable pipe saddle, lock nut, nipple, floor flange, and concrete pier or steel support.
 10. Floor Support for Hot Pipe Sizes to 4 Inches: Cast iron adjustable pipe saddle, lock nut, nipple, floor flange, and concrete pier or steel support.
 11. Provide stainless steel hangers and supports in tunnel.
- C. PEX-A Support Requirements:
1. Support PEX piping per requirements of the 2024 Uniform plumbing code, the manufacturer's recommendations, and these specifications.
 2. Provide PEX-A pipe support channel and strapping every 3 feet for all main piping 2" and above.
 3. Provide split ring clamps spaced per PEX-A hanger schedule on piping mains conveying fluids above ambient temperature.
 4. Provide fixed points per detail on drawings and spaced per PEX-A hanger schedule on piping mains conveying fluids above ambient temperature.

2.02 ACCESSORIES

- A. Hanger Rods: Mild steel threaded both ends, threaded one end or continuous threaded.

2.03 SLEEVES

- A. Sleeves for pipes through wall below grade shall be Schedule 40, two pipe diameters larger than pipe. Seal with Linkseal.
- B. Sleeves for pipes through non-fire rated beams, walls, footings, and potentially wet floors shall be Schedule 40 steel pipe or 18 gauge galvanized steel.
- C. Sleeves for pipes through fire rated and fire resistive floors and walls, and fire proofing to be a fire rated sleeve assembly including seals, UL listed.
- D. Stuffing and Firestopping Insulation: Fiberglass type, non-combustible per UL tested assembly type.
- E. Sealant Manufacturers:
1. Dow Corning Silicone RTV Foam.
 2. 3-M Fire Barrier Caulk and Putty.
 3. Thomas & Betts Flame Safe Fire Stop System.
 4. Engineer approved equal.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

3.02 PIPE HANGERS AND SUPPORTS

- A. Support horizontal piping as scheduled.
- B. Install hangers to provide minimum 1/2 inch space between finished covering and adjacent work.
- C. Place hangers within 12 inch of each horizontal elbow.

- D. Use hangers with 1-1/2 inch minimum vertical adjustment.
- E. Where several pipes can be installed in parallel and at same elevation, provide multiple or trapeze hangers.
- F. Support riser piping independently of connected horizontal piping.
- G. Design hangers for pipe movement without disengagement of supported pipe.

3.03 SLEEVES

- A. Set sleeves in position in formwork. Provide reinforcing around sleeves.
- B. Size sleeves large enough to allow for movement due to expansion and contraction. Provide for continuous insulation wrapping.
- C. Provide sleeves where piping penetrates floor, ceiling or wall. Close off space between pipe and adjacent work with fire stopping insulation and caulk.
- D. Provide close fitting metal collar or escutcheon covers at both sides of penetration. Install chrome plated steel escutcheons at finished surfaces and within cabinets.

3.04 SCHEDULES

METALLIC PIPING HANGER ROD DIAMETER SCHEDULE

| HANGER ROD PIPE SIZE (INCHES) | ROD DIAMETER (INCHES) |
|----------------------------------|--------------------------|
| 1/2 to 2 | 3/8 |
| 2-1/2 to 3 | 1/2 |
| 4 to 6 | 5/8 |

PEX-A HANGER SCHEDULE

| STANDARD HANGER PIPE SIZE (INCHES) | MAX. HANGER SPACING (FEET) | ROD DIAMETER (INCHES) |
|---------------------------------------|-------------------------------|--------------------------|
| 1/2-1 | 2.67 (32 INCHES) | 3/8 |
| 1-1/4-4 | 4 | 1/2 |

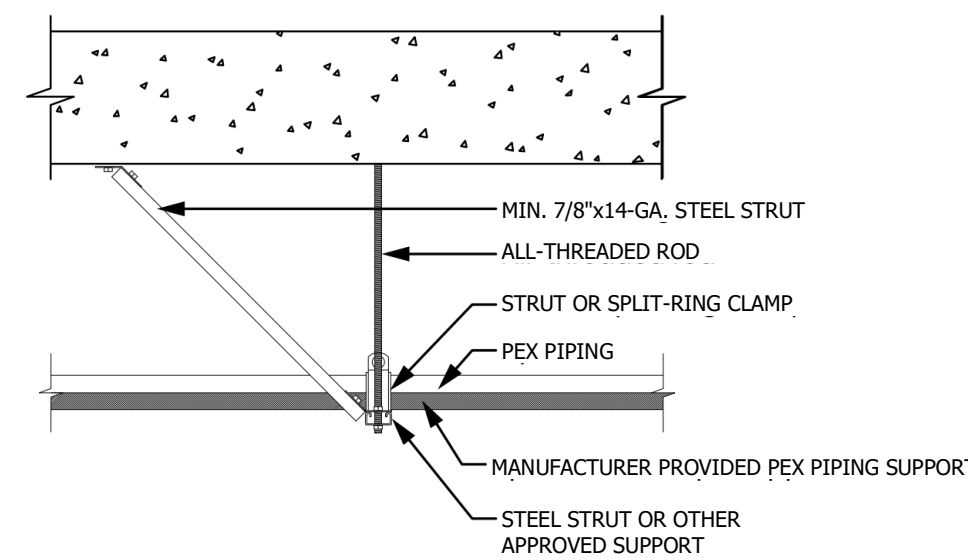
PEX-A CONVEYING FLUIDS ABOVE AMBIENT TEMMPERATURE

| SPLIT RING CLAMP PIZE SIZE (INCHES) | MAX CLAMP SPACING (FEET) | ROD DIAMETER (INCHES) |
|---|---|--|
| 2 AND ABOVE | 30 | 1/2 |
| LENGTH OF STRAIGHT RUN | NUMBER OF FIXED POINTS | FIXED POINT LOCATION(S) |
| 0-63 FEET | 0 | N/A |
| 64-128 FEET | 1 | CLOSEST SUPPORT WITH CLAMPS TO CENTERCLOSEST |
| 129-192 FEET | 2 | NO MORE THAN 64 FEET APART |
| 193+ FEET | 3 (+1 FOR EVERY ADDITIONAL 64 FEET OF STRAIGHT RUN) | NO MORE THAN 64 FEET APART |

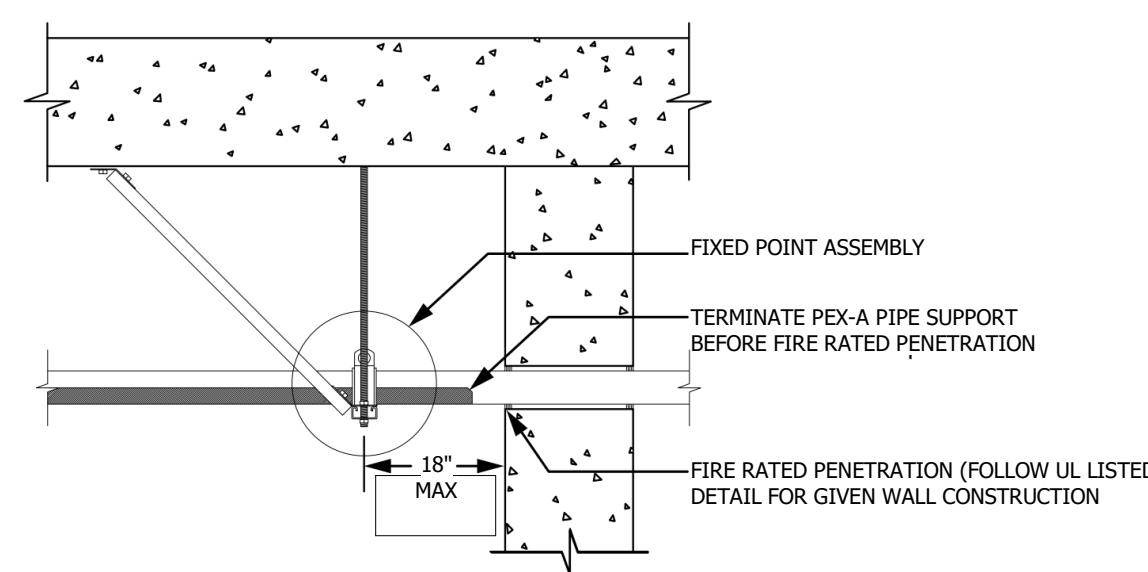
END OF SECTION

| PUMP SCHEDULE | | | | | | | | | | | | | | | | | |
|---------------|--------------|-----------------------|-------------------------|---------------------------|---------------|-----------------------------|-----------------|-----------------|-----------------|-----------------------------|--------------------------------------|----------|-------------------|-------------|------------|------|----------------|
| UNIT TAG | MANUFACTURER | MODEL | SYSTEM | LOCATION | FLUID TYPE | MATERIAL | FLUID TEMP (°F) | FLOW RATE (GPM) | TOTAL HEAD (FT) | EFFICIENCY @ DUTY POINT (%) | MOTOR INPUT POWER AT DUTY POINT (HP) | MOTOR HP | IMPELLER MATERIAL | SPEED (RPM) | MOTOR TYPE | MOCB | VOLTAGE/ PHASE |
| CP-1 | BELLGOSSETT | ECOCIRC XL 65-130 30H | HOT WATER RECIRCULATION | BOILER ROOM - POWER HOUSE | POTABLE WATER | LEAD FREE - STAINLESS STEEL | 120 | 26 | 40 | 23.5 | 0.778 | 1.0 | STAINLESS STEEL | 2984 | ECM | 15 | 208/3 |

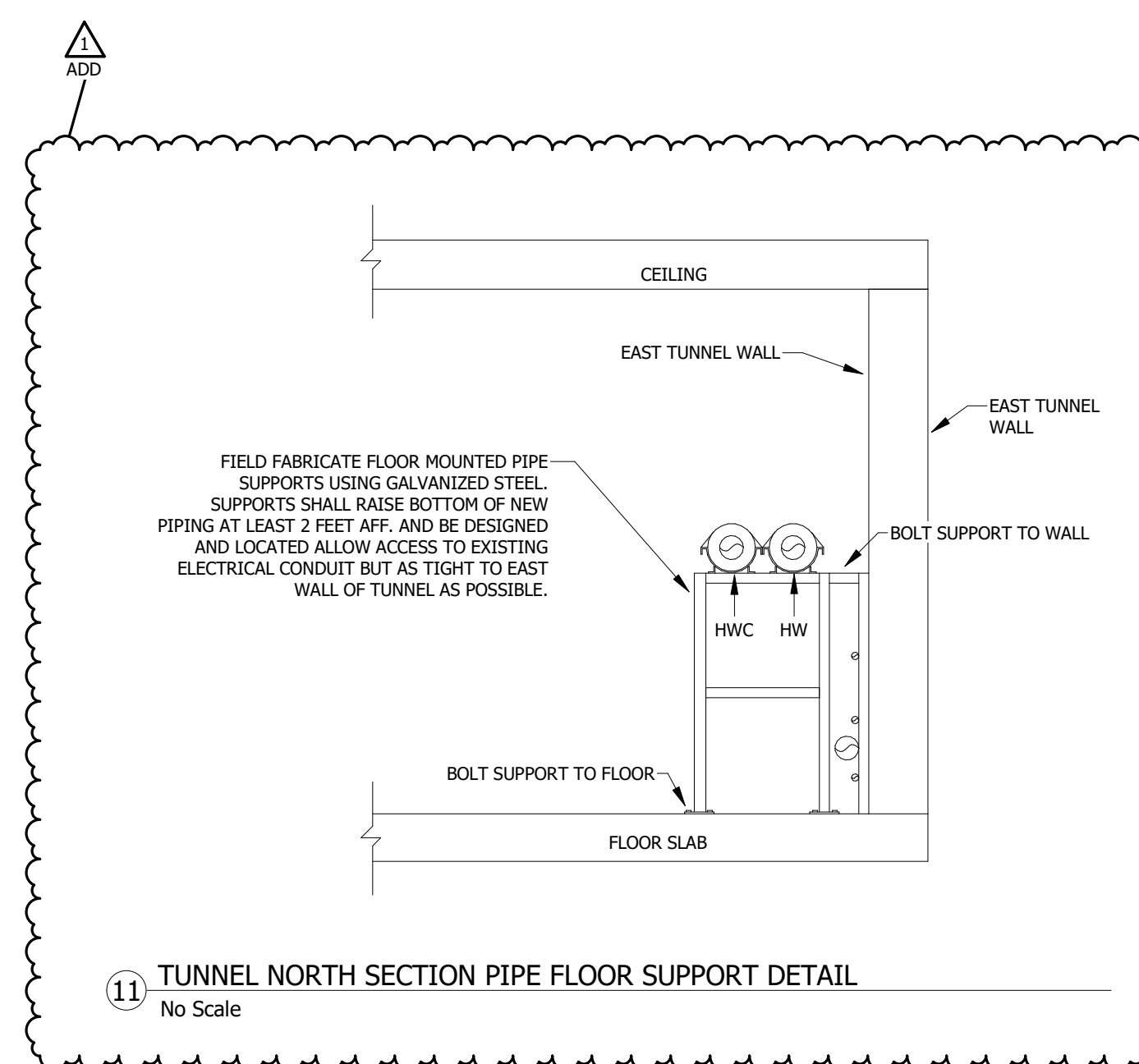
- NOTES:
- PUMP SHALL BE SET TO MAINTAIN A CONSTANT TEMPERATURE OF 100 DEGREES AT PUMPS INTEGRAL TEMPERATURE SENSOR.
 - PROVIDE PUMP WITH ALL REQUIRED MOUNTING ACCESSORIES TO FACILITATE MOUNTING TO WALL.
 - PROVIDE PUMP WITH ALL REQUIRED ACCESSORIES TO PROVIDE CONSTANT SPEED OPERATION WITHOUT INTEGRATION TO A BUILDING CONTROL SYSTEM.
 - COORDINATE PUMP POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING PUMP. REVISE PUMP MODEL TO ACCOMMODATE EXISTING ELECTRICAL CIRCUIT AS NECESSARY.



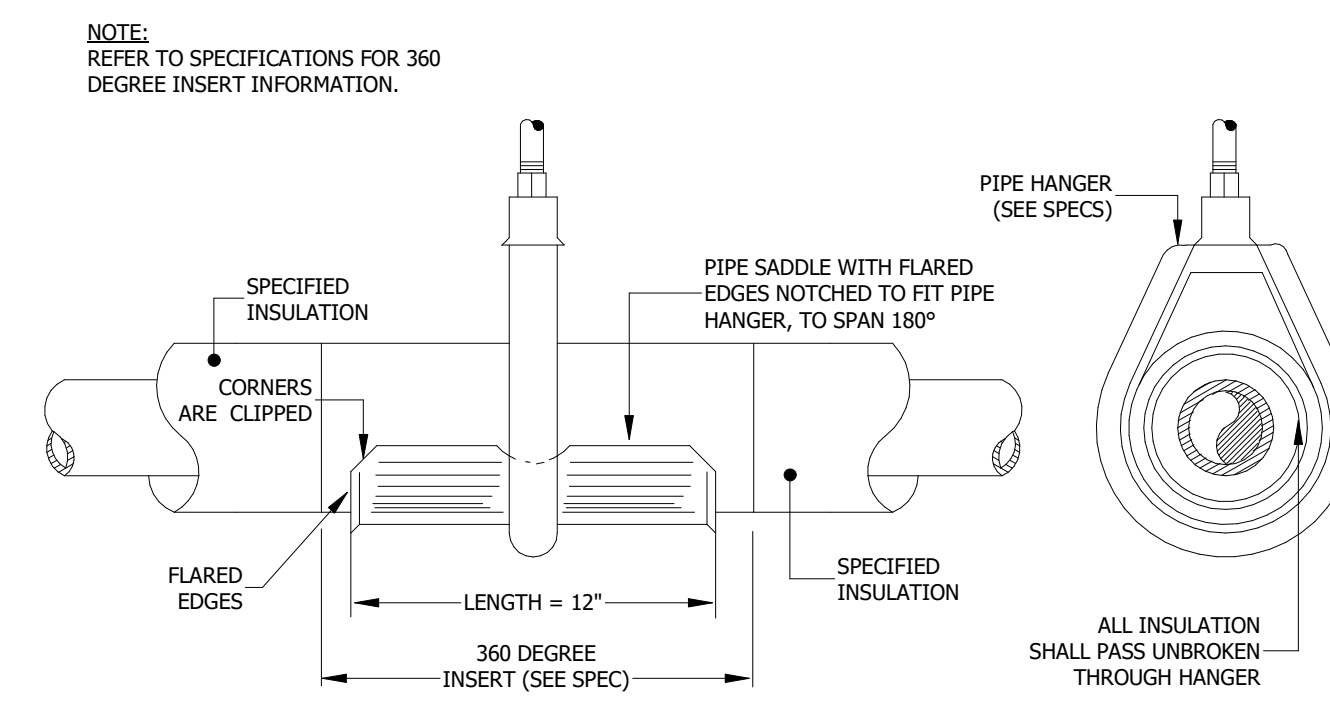
1 ALTERNATE 1 - PEX FIXED POINT INSTALLATION DETAIL
No Scale



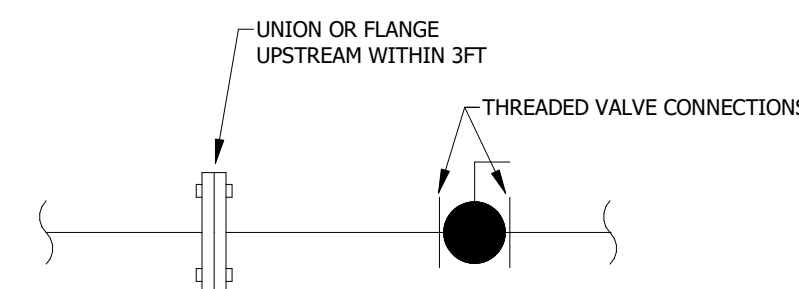
2 ALTERNATE 1 - PEX PIPE SUPPORT AT WALL PENETRATION DETAIL
No Scale



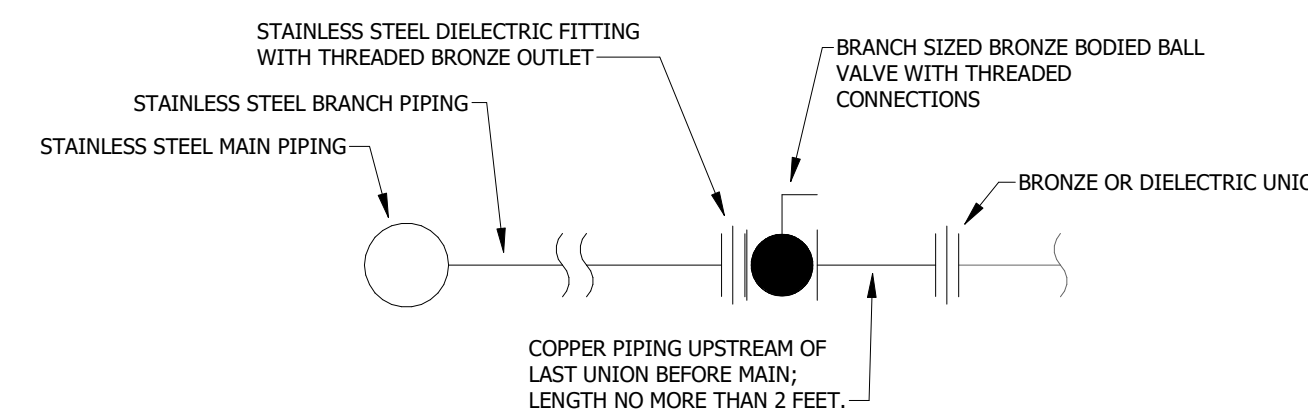
11 TUNNEL NORTH SECTION PIPE FLOOR SUPPORT DETAIL
No Scale



3 INSULATED PIPE HANGER DETAIL
No Scale

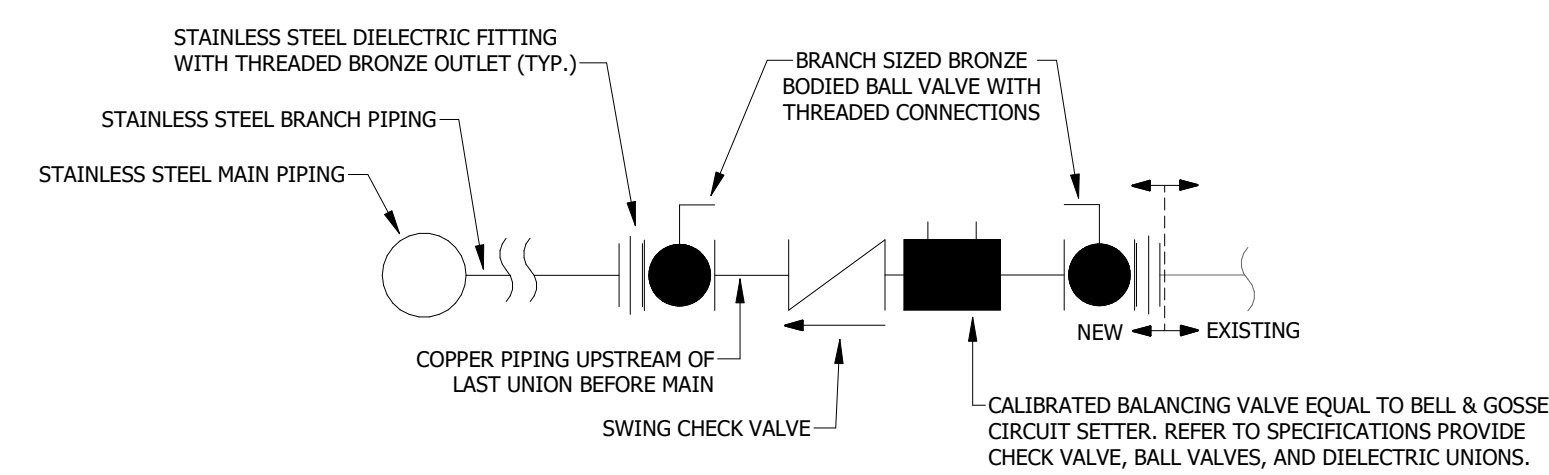


4 TYPICAL VALVE DETAIL
No Scale



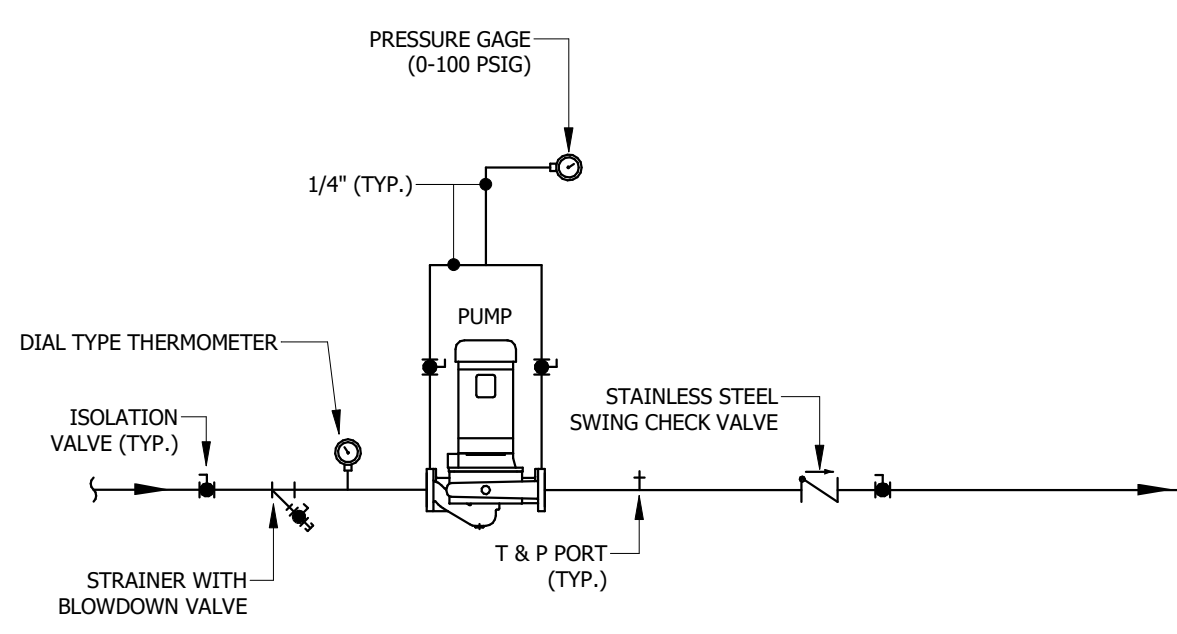
- NOTES:
- SEE PLANS FOR INDIVIDUAL BRANCH SIZING.
 - EXISTING DOMESTIC COLD WATER BRANCHES MAY BE GALVANIZED STEEL AND REQUIRE A DIELECTRIC UNION DOWNSTREAM OF VALVE.
 - ALL BRONZE FITTINGS, VALVES, AND UNIONS SHALL BE LISTED AS NSF 61/272 LEAD-FREE.
 - ALTERNATE 1: NEW PIPE MATERIAL CHANGES TO PEX AND DIELECTRIC FITTINGS SHALL BE REMOVED FROM SCOPE. BALL VALVES SHALL STILL BE BRONZE WITH THREADED CONNECTIONS.

5 TYPICAL HOT WATER/COLD WATER BRANCH CONNECTION DETAIL
No Scale



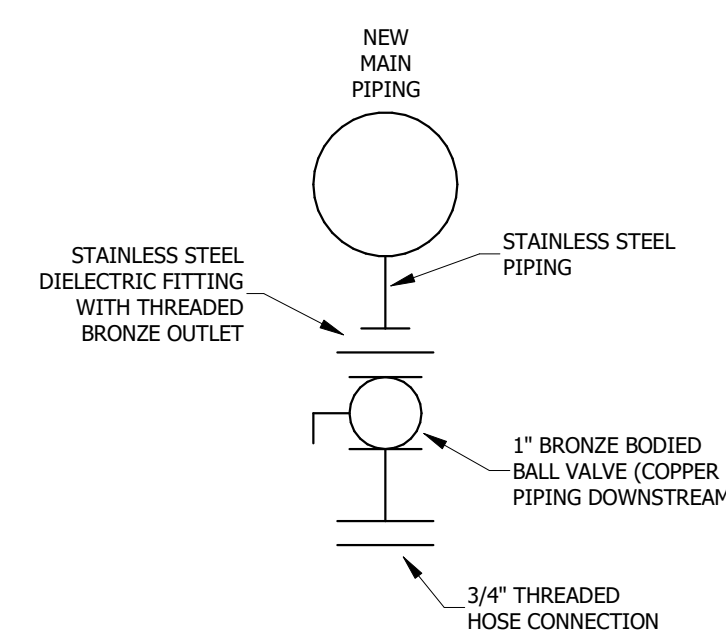
- NOTES:
- SEE PLANS FOR INDIVIDUAL BRANCH SIZING.
 - ALL BRONZE FITTINGS, VALVES, AND UNIONS SHALL BE LISTED AS NSF 61/272 LEAD-FREE.
 - ALTERNATE 1: NEW PIPE MATERIAL CHANGES TO PEX AND DIELECTRIC FITTINGS SHALL BE REMOVED FROM SCOPE. BALL VALVES SHALL STILL BE BRONZE WITH THREADED CONNECTIONS.

6 TYPICAL HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL
No Scale

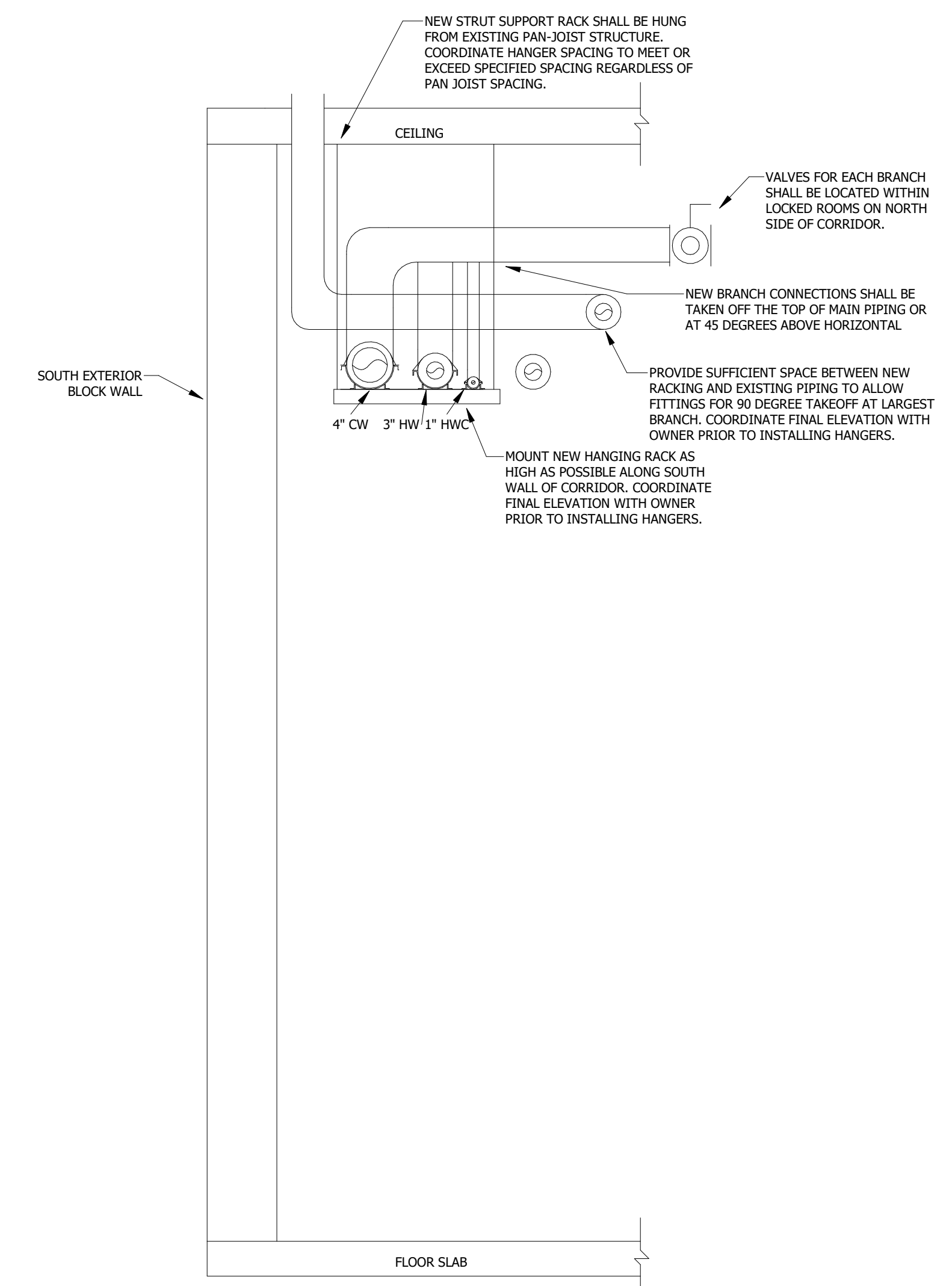


- NOTES:
- SUPPORT PUMP PER MANUFACTURER'S INSTALLATION REQUIREMENTS, IF THOSE REQUIREMENTS ARE NOT STATED, SUPPORT PUMP BODY WITH FLOOR SUPPORTS OR HANGERS THAT CONTACT THE BODY ON THE WATER ENTERING AND WATER LEAVING SIDES.

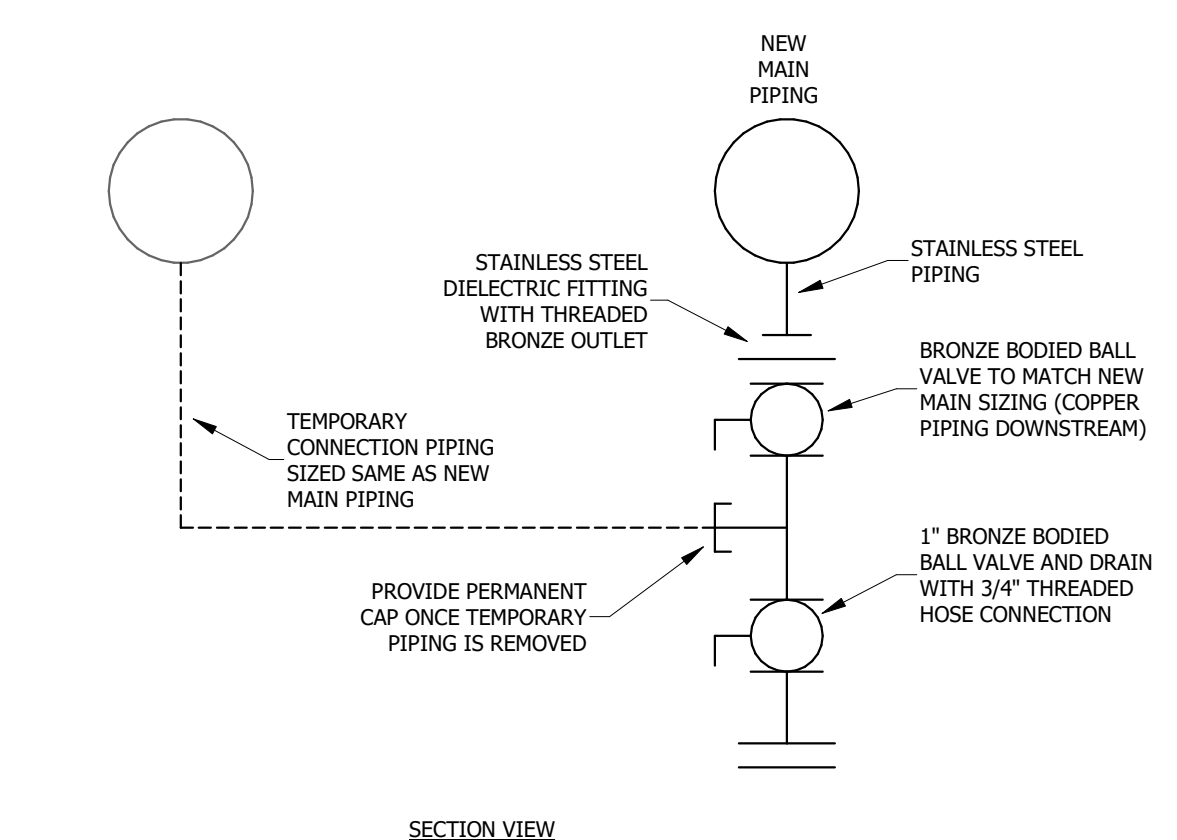
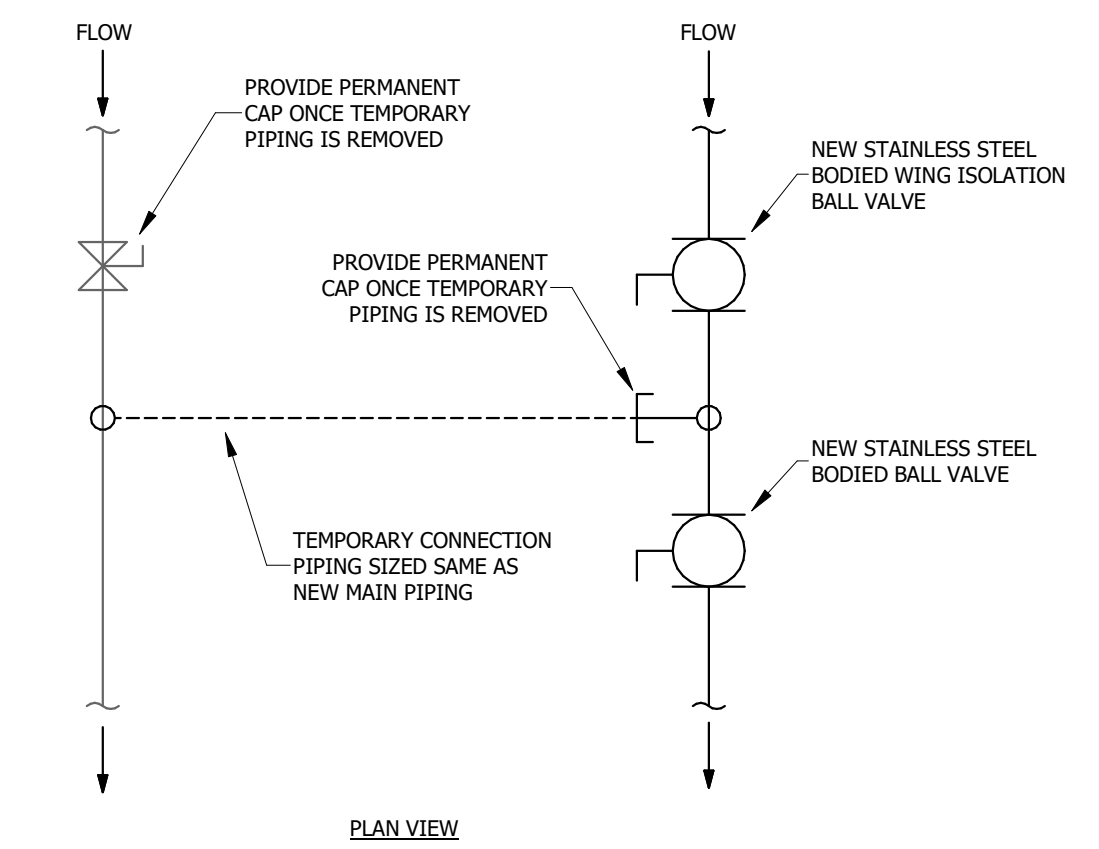
8 IN-LINE PUMP DETAIL
No Scale



9 PIPING DRAIN DETAIL
No Scale



7 WEST CORRIDOR PIPE SUPPORT DETAIL
1/8" = 1'-0"



10 TEMPORARY CROSS CONNECTION DETAIL
No Scale

NOTE:
VERIFY BUILDING DIMENSIONS FOR ROUGH-IN

| DESCRIPTION | DATE | NO. |
|-------------|------------|-----|
| ADDENDUM 1 | 2026.02.19 | 1 |

RFB Pre-Bid Minutes: Meeting #1

| | | | |
|-------------------------|--|---------------------|--|
| Meeting Date | Feb 11, 2026 | Meeting Time | 09:00 am - 10:30 am Central Time (US & Canada) |
| Meeting Location | Mt. Pleasant Correctional Facility | | |
| Overview | Meeting to allow prospective bidders to visit the site, when possible, and learn more about the project. | | |
| Notes | | | |
| Attachments | | | |

Scheduled Attendees

Introduction

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|--|--|----------|----------|--------|
| 1.1 | 1 | Introductions | | | | Open |
| | | Description | Please provide your information on the sign-in sheet if you have not already | | | |
| | | Attachments | MPCF Pre-Bid Meeting Sign-in - 2.12.26.pdf | | | |
| | | Official Documented Meeting Minutes | See attached sign-in sheet from pre-bid conference and walkthrough. | | | |

Project Overview

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|-----------------------------|---|----------|----------|--------|
| 2.1 | 1 | Project Description | | | | Open |
| | | Description | Replacement of the water mains on the interior of the facility. Work in tunnels, and basement of the East & West wing. | | | |
| | | • Anticipated sequence | <ul style="list-style-type: none"> ◦ Review spec. section 22 0050 part 1.05 SEQUENCING AND SCHEDULING <ul style="list-style-type: none"> ▪ After award of contract we will work together to solidify the schedule & sequence | | | |
| | | • Access requirements | <ul style="list-style-type: none"> ◦ When working in the basement of the East & West wings MPCF staff will accompany the construction team - work to only occur in one area when working in East & West wings ◦ Material access into the main facility is to be coordinated with MPCF facilities team | | | |
| | | • Asbestos & lead abatement | <ul style="list-style-type: none"> ◦ Asbestos abatement to be completed by the State ◦ Lead abatement to be part of Bid Package | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|-------|--|----------|----------|--------|
| | | | <ul style="list-style-type: none"> • Existing wall types <ul style="list-style-type: none"> ◦ Patch existing walls with similar materials ◦ Plan on all openings to 1 hour fire rated • Base bid <ul style="list-style-type: none"> ◦ Base bid to include welded stainless steel piping for domestic hot water and hot water recirculation main piping, grooved stainless steel piping for domestic cold water main piping, and threaded stainless steel for new branch piping up to the new branch ball valve (bronze bodied). All piping shall be insulated using fiberglass insulation with all service jacket and PVC fitting covers. • Alternates <ul style="list-style-type: none"> ◦ Alternate #01 – Contractor shall use colorless PEX-a piping with cold expansion fittings and insulated with elastomeric foam insulation for all domestic hot water and hot water recirculation piping and domestic cold-water branches up to the new branch ball valve (bronze bodied). Domestic cold water mains shall be grooved stainless steel piping insulated with fiberglass insulation with all service jacket and PVC fitting covers. The use of PEX piping will necessitate an increase in hot water recirculation piping from 1.25" to 2.5" and from 2" to 3". See alternate drawings within the construction documents for PEX necessitated piping changes. ◦ Alternate #02 – Piping materials and scope of work are as specified in the Base Bid. All piping outside of the tunnel shall be insulated using fiberglass insulation with all service jacket and PVC fitting covers, and piping within the tunnel shall be insulated using elastomeric foam insulation. | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|--|------------|------------------|------------|----------|----------|--------|
| 2.2 | 1 | Project Schedule | | | | Open |
| <p>Description</p> <ul style="list-style-type: none"> • Contract(s) Issued: Early March • Submittals: March to April • Construction: Anticipate early April to end of August • Closeout: 30 days of closeout period - month of September <p>A pull-plan session will be held with the successful bid package contractors to finalize the construction schedule.</p> <p>State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day</p> | | | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|---|------------|------------|------------|----------|----------|--------|
| 2.3 | 1 | Site Rules | | | | Open |
| <p>Description</p> <ul style="list-style-type: none"> • Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place. | | | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|-------|--|----------|----------|--------|
| | | | <ul style="list-style-type: none"> • Contractors shall provide daily logs for each day they are on site. • Construction progress meeting will be established once construction starts. • It is of the utmost importance to show respect and courtesy to all staff at all times. • Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area. • No smoking, vaping or smokeless tobacco use onsite. • Expectations & Requirements working onsite: <ul style="list-style-type: none"> ◦ 72 hour shutdown notice - plan in advance of any switchovers ◦ Shutdowns for switchovers are anticipated to be after hours. 10:00 pm - 4:00 am <ul style="list-style-type: none"> ▪ Contractor is required to create a switchover / tie-in plan to clearly communicate what is being effected, and how long it will be effected. ◦ Weekly update on where work will occur the next week to clearly communicate with the facility ◦ Tool check-in and check-out daily • Temporary facilities - use of facilities restrooms is acceptable, please be respectful • Demolished equipment and materials • Tool control - check in and check out daily • Cell phones • Background checks are required - see Specification section 01 1200 for specifics. • Work hours: 7:00 am - 5:00 pm • View Specification 01 1200 - Contract Summary for more information. | | | |
| | | | <p>Official Documented Meeting Minutes</p> <ul style="list-style-type: none"> • Daily logs can be put together in any program or format as long as it meets criteria outlined in construction documents. Daily logs to be submitted to McGough superintendent to upload to Procore. • Background check information to be sent to MPCF a minimum of 1 week in advance. <ul style="list-style-type: none"> ◦ McGough to share information on where and how to share background information after award of contract • Cell phones - keep number of cell phones to a minimum. One cell phone per company • Work hours to can be as early as 6:00 am, and as late as 4:00 pm. Ideally crews work (4) 10-hour days when working in the East and West wings when a escort guard stays with crews. • Small job box is allowed in specific locations inside the facility. • PREA (Prison Rape Elimination Act) video to be watched for all employees working at the facility | | | |

RFB Overview

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|--|------------|----------|----------|--------|
| 3.1 | 1 | Bid Submission | | | | Open |
| | | <p>Description</p> <ul style="list-style-type: none"> • Bids are due 2/25/2026 at 3:00 pm • The Bid shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System. <ul style="list-style-type: none"> ◦ Link and information is in the project manual ◦ Contractors will need to register prior to bidding ◦ Bidders will need to register regardless of whether it has already done business with the State of Iowa. ◦ Bidders should complete the registration process and ensure the ability to log in as soon as possible to ensure Bids can be submitted on the due date. ◦ Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted. • Bid Opening will be held via conference call on 2/25/2026 at 4:00 pm • Contractor shall reference section 00 0116 for the bid submittal checklist | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|---|---|----------|----------|--------|
| | | | <ul style="list-style-type: none"> ◦ Bid Proposal Information ◦ Non Discrimination Clause Information ◦ Contractor Targeted Small Business Enterprise Pre-Bid Contract Information ◦ Bid Security – 5% of total Bid amount <ul style="list-style-type: none"> • Apparent low bidder will be required to submit subcontractor/supplier list 48hrs after the bid opening | | | |
| | | Official Documented Meeting Minutes | | | | |
| | | <ul style="list-style-type: none"> • 48 hour submission of subcontractor/supplier list is a State Law. | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|--|------------|----------|----------|--------|
| 3.2 | 1 | Bid Schedule | | | | Open |
| | | Description | | | | |
| | | <ul style="list-style-type: none"> • Questions/Substitutions Due in Writing to Construction.Procurement@iowa.gov: <ul style="list-style-type: none"> ◦ Questions due: 2/17/2026 at 3:00 pm • Addendum Issued: by EOD 2/20/2026 • Bids Due: 2/25/2026 at 3:00 pm • Tentative NOI Issued: 2/27/2026 | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|---|------------|----------|----------|--------|
| 3.3 | 1 | Administrative Details | | | | Open |
| | | Description | | | | |
| | | <ul style="list-style-type: none"> • Contractors will sign a modified ConsensusDocs 802. Example in the project manual. • Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802. • Project-specific P&P bonds must be provided prior to contract execution. • Successful contractor must turn in their list of subcontractors and suppliers within 48 hours of the bid. • DAS will provide tax exempt certificates upon request. • Procore will be used for all project management, at no cost to the trade contractor. <ul style="list-style-type: none"> ◦ Submittals, Invoicing, RFIs, ASIs, PRs, RFQs ◦ Contracts, Change Orders and Certificates of Substantial and Final Completion will also use Docusign • Contractor Schedule of Values shall be broken out as specified in the project manual. <ul style="list-style-type: none"> ◦ SOV must contain a closeout line item for at least 1% of the total contract value. ◦ This line item can only be invoiced once the certificate of final completion has been signed by all parties. | | | | |

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|-----|------------|---|------------|----------|----------|--------|
| 3.4 | 1 | Pre-Bid Site Visits | | | | Open |
| | | Description | | | | |
| | | If additional site visits are requested coordinate with Aaron Ledebor (McGough) | | | | |

Questions

| No. | Mtg Origin | Title | Assignment | Due Date | Priority | Status |
|---|------------|-----------|------------|----------|----------|--------|
| 4.1 | 1 | Questions | | | | Open |
| Description Submit all questions in writing to construction.procurement@iowa.gov . | | | | | | |

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting. Please contact State of Iowa - Department of Administrative Services if there are any discrepancies or questions with the content of these minutes.

Sign In Sheet: Pre-Bid Meeting & Walkthrough

Project Name: DOC MPCF Water Main Replacement

Date: 2/11/26

| Print Name | Company | Phone | Email |
|------------------|-------------------|-------------------------|-------------------------------------|
| 1. Dylan Muekey | MODUS Engineering | | |
| 2. Kevin Pincak | MODUS Engineering | | |
| 3. BRANDON FREER | WINGER | 217-430-8245 | bricbe@wingercompanies.com |
| 4. Cody Graham | Winger | 319 768 9693 | cgraham@wingercompanies.com |
| 5. George Mente | Gagnon | (563) 529-0005 | gwent@gagnon-inc.com |
| 6. Andre Sallis | Fosters Kraus | 319-721-0267 | Andre.S@FostersKraus.com |
| 7. Brian Felton | Fosters Kraus | 319-432-2322 | BrianF@FostersKraus.com |
| 8. Ben Paustian | Modern | 309 314 1702 | Ben.Paustian@moderncompaniesinc.com |
| 9. Dan Tompos | Modern | 563-549-0810 | dan.tompos@moderncompaniesinc.com |
| 10. | | | |
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| 12. | | | |
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| 14. | | | |