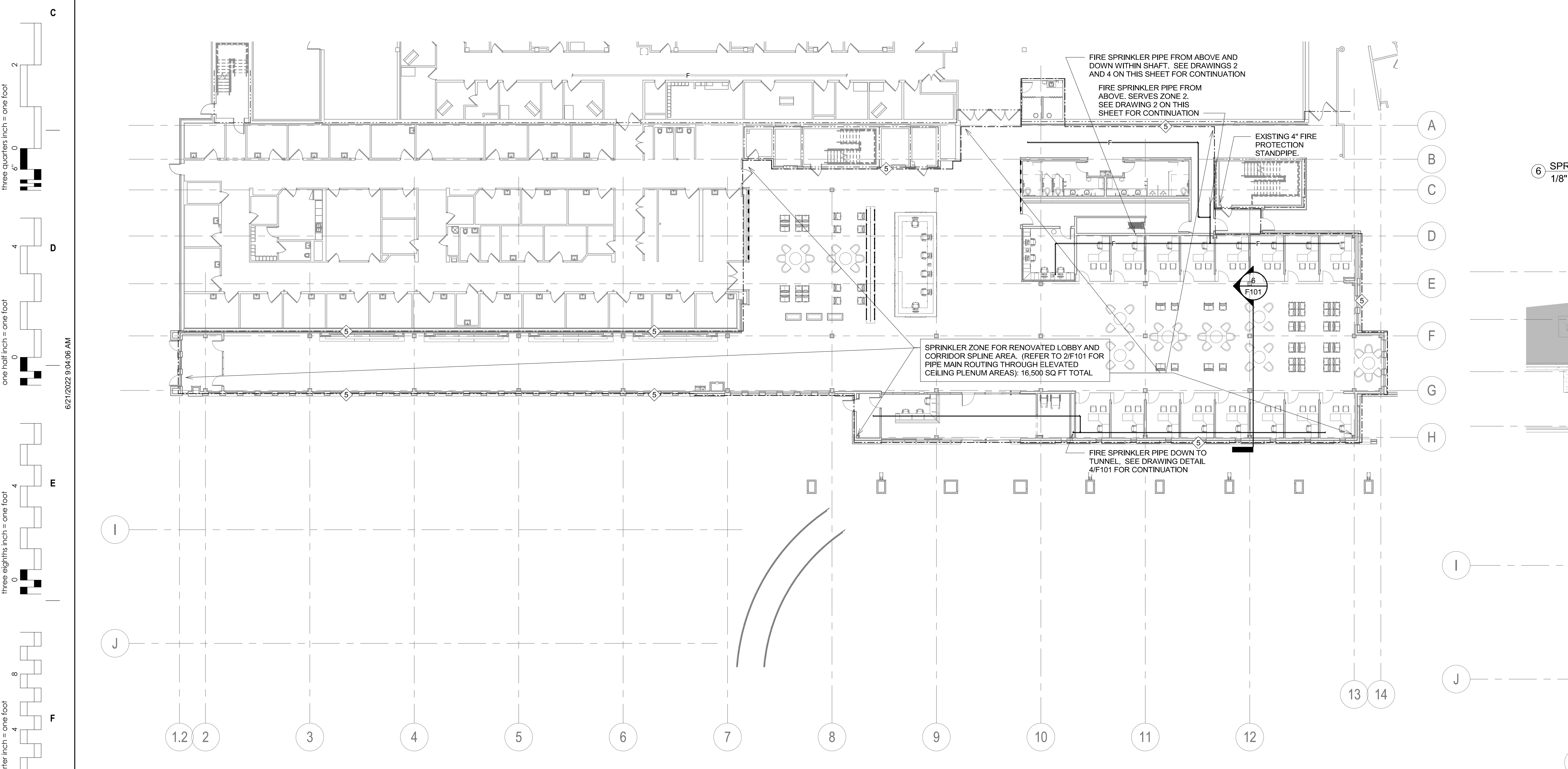


1 GROUND LEVEL DEMOLITION FIRE PROTECTION PLAN - AREA B  
1/16" = 1'-0"

2 FIRST FLOOR, AND ELEVATED GROUND FLOOR CEILING PLENUM, FIRE PROTECTION PLAN - AREA B  
1/16" = 1'-0"



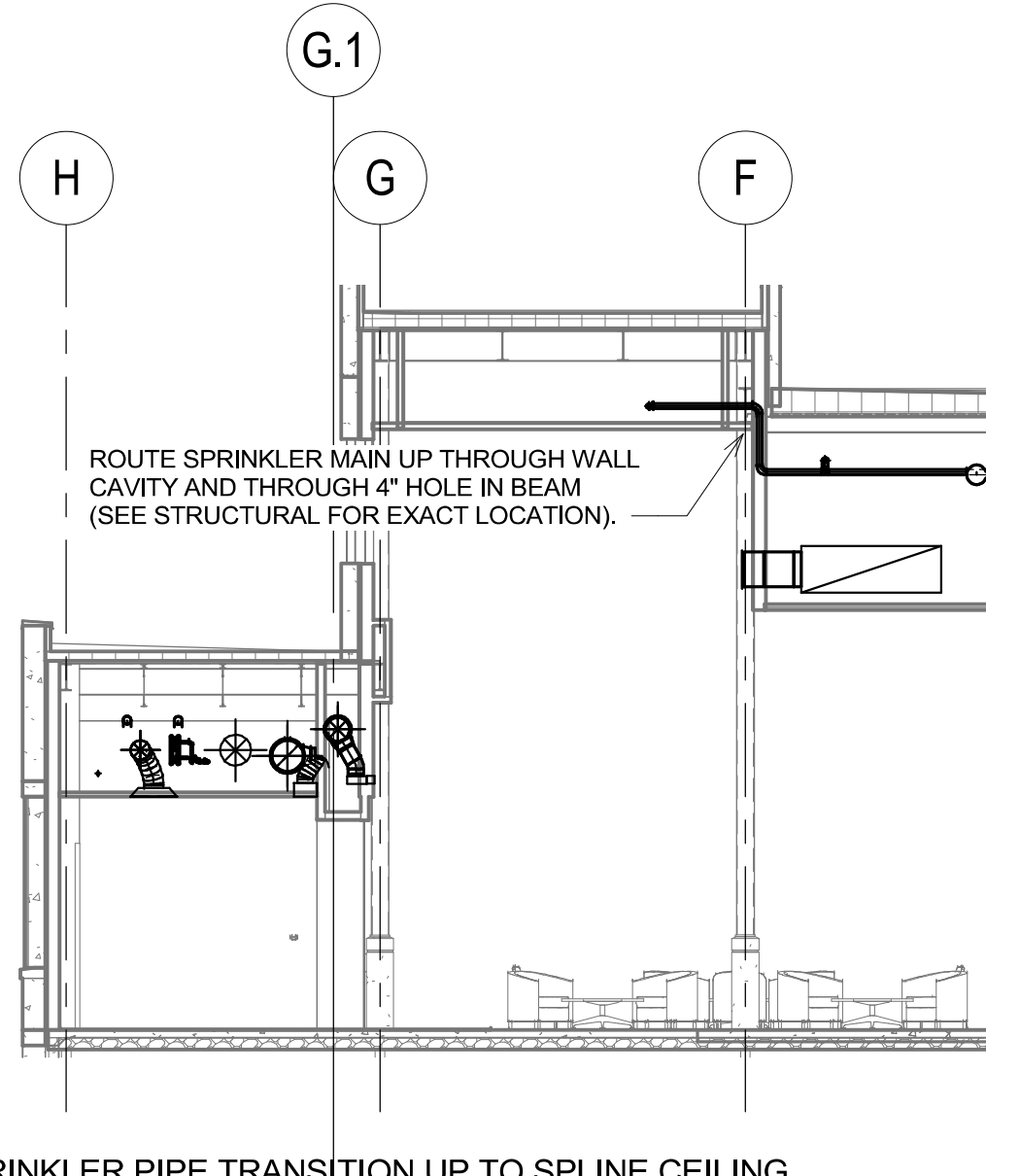
3 GROUND LEVEL FIRE PROTECTION PLAN - AREAS A & B  
1/16" = 1'-0"

**KEY NOTES:**

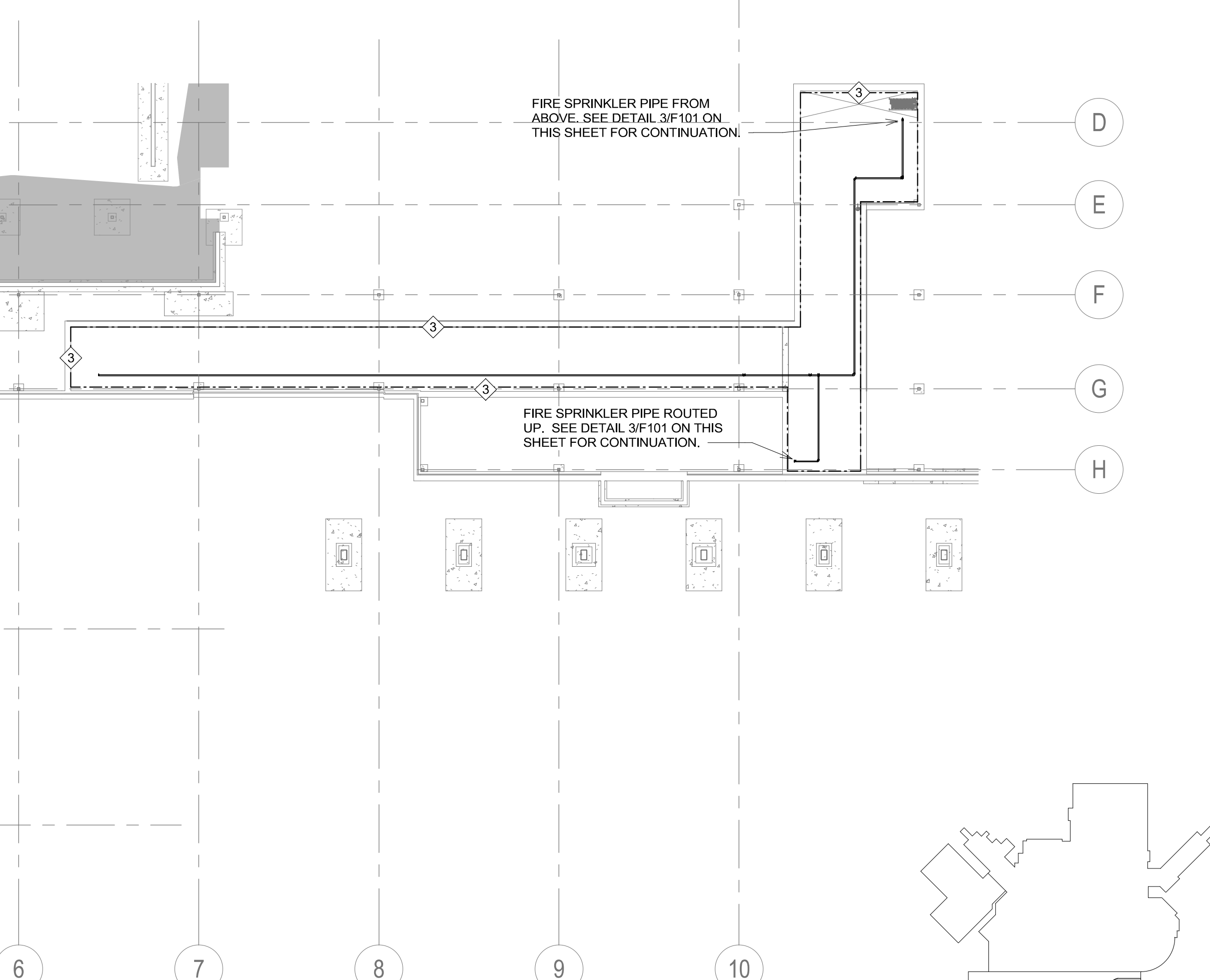
- DEMOLISH ALL PIPING AND SPRINKLER HEADS WITHIN AREA DEFINED BY DASH DOT LINE. COORDINATE ASSOCIATED OUTGAGE TO CAP.
- PROVIDE WET SPRINKLER COVERAGE WITH HIGH TEMPERATURE UPRIGHT, QUICK RESPONSE, CAGED HEADS FOR THE INDICATED AREA AS REQUIRED BY BUILDING CODE AND NFPA 13. COORDINATE OBSTRUCTIONS CAUSED BY EQUIPMENT, DUCTWORK, AND PIPING TO PROVIDE FULL COVERAGE THROUGHOUT MECHANICAL ROOM SPACE. NOTE THAT THIS AREA SHALL BE SERVED VIA NEW ZONE VALVE SERVING BOTH THE LOBBY AND PRIMARY CARE CLINIC AREAS.
- SAME AS KEY NOTE #2 ABOVE BUT THIS WILL SERVE LOWER LEVEL SERVICE TUNNEL TO THE PRIMARY CARE BUILDING EXPANSION. TUNNEL SHALL BE CONSIDERED AS AN ORDINARY HAZARD 1 OCCUPANCY.
- PROVIDE A NEW ZONE VALVE ASSEMBLY TIED INTO EXISTING STANDPIPE RISER WITHIN STAIRWELL. REFER TO DETAIL 10P400. ROUTE DRAIN PIPING FROM INSPECTOR TEST VALVE TO EXISTING DRAIN RISER WITHIN STAIRWELL. LABEL ZONE VALVE ASSEMBLY WITH DESIGNATED SMOKE ZONE SERVED WHICH INCLUDES ALL OF THE RENOVATED LOBBY AREA, PRIMARY CARE CENTER BUILDING EXPANSION, UNDERGROUND SERVICE TUNNEL, AND INTERSTITIAL MECHANICAL ROOM. ANY PIPING/SPRINKLERS FROM EXISTING SPRINKLER ZONES WITHIN THESE AREAS SHALL BE FULLY REMOVED AND CAPPED AND MAIN BRANCH TAKE-OFFS.
- LOBBY RENOVATION AREA, AND CORRESPONDING CORRIDOR SPLINE TO PRIMARY CARE CLINIC, SHALL BE FULLY SPRINKLERED UNDER A LIGHT HAZARD OCCUPANCY UTILIZING SEMI-RECESSED QUICK RESPONSE SPRINKLER HEADS. REFER TO GENERAL NOTES FOR SYMMETRICAL AND CLEAN LAYOUT OF SPRINKLERS IN THESE PUBLIC SPACES.

**GENERAL NOTES:**

- PROVIDE 175# PRESSURE RATED PIPING AND FITTINGS.
- REVISE / REPLACE EXISTING FIRE SPRINKLER PIPING, SPRINKLER HEAD TYPES & LOCATIONS, AND SYSTEM ACCESSORIES AS REQUIRED TO ACCOMMODATE NEW FLOOR LAYOUT, CEILINGS, AND SYSTEM REQUIREMENTS. ALL AREAS OF CONSTRUCTION SHALL BE FULLY SPRINKLERED.
- THE FIRE SPRINKLER SYSTEM SHALL BE FABRICATED, INSTALLED AND TESTED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
  - REGULATIONS OF THE LOCAL FIRE PROTECTION AUTHORITIES.
  - REQUIREMENTS OF THE OWNER'S INSURANCE CARRIER.
  - NFPA STANDARDS, INCLUDING BUT NOT LIMITED TO, STANDARD NO. 13 - SPRINKLER SYSTEMS, AND NO. 241 - SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATION.
  - THE CONSTRUCTION DOCUMENTS.
- THE REMODELED AREAS SHALL BE PROVIDED WITH AN AUTOMATIC WET FIRE SPRINKLER SYSTEM SIZED IN ACCORDANCE WITH THE APPLICABLE NFPA STANDARDS AND SHALL PROVIDE 100 PERCENT PROTECTION UNLESS INDICATED OTHERWISE.
- SPRINKLER SYSTEM DESIGN CRITERIA:
  - LIGHT HAZARD OCCUPANCY - PATIENT CARE, EXAM ROOMS, ADMINISTRATIVE AREAS, AND PUBLIC AREAS.
  - ORDINARY HAZARD 1 - LABORATORIES, MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, ELECTRICAL SWITCHGEAR BOOMS, ELECTRICAL CLOSETS AND REPAIR SHOPS.
  - ORDINARY HAZARD 2 - STORAGE ROOMS, TRASH ROOMS, CLEAN AND SOILED LINEN ROOMS, STORAGE AREAS, FILE STORAGE AREAS.
- AREAS OF SPECIAL DESIGN CONSIDERATION INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
  - QUICK RESPONSE SPRINKLERS SHALL BE INSTALLED IN ALL ROOMS.
  - SPRINKLERS SHALL BE INSTALLED IN ALL SPACES EXCEPT AS NOTED ON THE DRAWINGS.
  - SPRINKLERS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILES.
  - SEE ARCHITECTURAL CEILING PLANS FOR SPECIFIC AESTHETIC CONSIDERATIONS FOR LOCATING SPRINKLERS. FINAL SPRINKLER LOCATIONS WILL BE COORDINATED DURING SUBMITTAL REVIEW.
- SPRINKLER WORK INCLUDES THE DESIGN AND CONSTRUCTION NECESSARY TO PROVIDE A FULLY SPRINKLERED LAYOUT. CONTRACTOR SHALL FIELD VERIFY THE ACCURACY OF THE SHOP DRAWINGS FOR EXISTING AREAS. CONTRACTOR SHALL OBTAIN A CURRENT HYDRANT FLOW TEST AND PERFORM HYDRAULIC CALCULATIONS, AND VERIFY EXACT LOCATION OF THE EXISTING OVERHEAD SYSTEM PRIOR TO DESIGN AND CONSTRUCTION.
- SPRINKLER DESIGN DENSITIES / DEMAND CRITERIA NFPA 13, UNLESS OTHERWISE NOTED:
  - LIGHT HAZARD - 0.10 GPM / SQ.FT. OVER THE MOST REMOTE 1,500 SQ.FT.
  - ORDINARY HAZARD 1 - 0.15 GPM / SQ.FT. OVER THE MOST REMOTE 1,500 SQ.FT.
  - ORDINARY HAZARD 2 - 0.20 GPM / SQ.FT. OVER THE MOST REMOTE 1,500 SQ.FT.
- OBTAIN CERTIFIED TEST RESULTS FOR THE RECORD OF ALL ACCEPTANCE TESTS AS REQUIRED BY NFPA 13 FOR THE INSTALLED SPRINKLER SYSTEM. THE TEST RESULTS SHALL BE REPORTED USING NFPA STANDARD FORMS.
- SPRINKLER HEAD TYPES: PROVIDE QUICK RESPONSE, SEMI-RECESSED, PENDENT SPRINKLERS WITH CHROME ESCUTCHEON. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL PROVIDE APPROVED PENETRATION MATERIAL FOR FIRE RATED WALLS AS REQUIRED AND INSTALL FIREPROOFING MATERIALS AS REQUIRED.
- CONTRACTOR SHALL PROVIDE PIPE SLEEVES AT ALL FLOOR AND STRUCTURAL WALL OPENINGS. PENETRATIONS THROUGH FLOORS SHALL INCLUDE A 1" WATERPROOFING LIP TO PREVENT WATER FROM PASSING FROM ONE LEVEL TO ANOTHER. ANNULAR SPACE SHALL BE FILLED PER SPECIFICATION.
- SHOP DRAWINGS SHALL BE ROUTED TO ENGINEER ONLY AFTER ALL OTHER PARTIES HAVE REVIEWED AND STAMPED THEM.

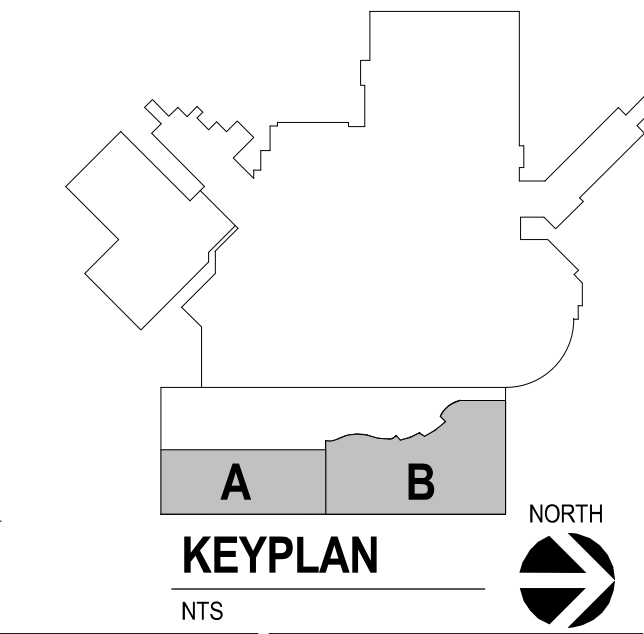


6 SPRINKLER PIPE TRANSITION UP TO SPLINE CEILING  
1/8" = 1'-0"



4 FOUNDATION/TUNNEL FIRE PROTECTION PLAN  
1/16" = 1'-0"

6/21/2022 9:04:08 AM  
C:\Revit\Projects\M - Lobby Central\_R201\_jason.gottwalt\S27.rvt  
one eighth inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
three inches = one foot



Revision#	Description	Date:

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**STAMP**

REGISTERED PROFESSIONAL ENGINEER  
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JASON R. GOTTWALT  
SOUTH DAKOTA

Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
**TUNNEL - FIRST FLOOR FIRE PROTECTION PLANS**

Approved:

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND PRIMARY CARE ADDITION**

Location  
**SIoux FALLS, SOUTH DAKOTA**

Issue Date  
06/22/2022

Checked  
JRG

Drawn  
TNH

Project Number  
VA #438-480  
SGA #201909

Building Number  
5

Drawing Number  
**F101**

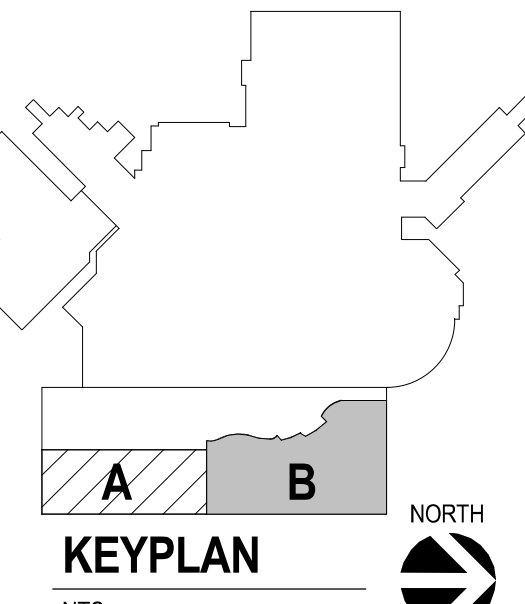
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- B. CONTRACTOR WILL BE RESPONSIBLE TO REVIEW ACCESSIBILITY TO AREAS OUTSIDE THE CONSTRUCTION LIMITS TO DETERMINE APPROXIMATE AMOUNT OF OVERTIME REQUIRED TO PERFORM ALL MECHANICAL WORK INDICATED. COORDINATION OF SCHEDULES WITH ADJACENT DEPARTMENTS AND CLEANING OF ALL DEBRIS AFTER EACH WORK SHIFT SHOULD BE ASSUMED IN THE BASE BID SCOPE.
- C. ANY MAJOR OUTAGES INDICATED ON THESE DRAWINGS SHALL BE SCHEDULED TO BE PERFORMED AFTER NORMAL BUSINESS HOURS OR DURING WEEKEND PERIODS TO MINIMIZE HOSPITAL DISRUPTION. VA HOSPITAL FACILITIES WILL REQUIRE A MINIMUM OF TWO (2) WEEKS NOTICE PRIOR TO ANY SUCH OUTAGE.
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- J. FIELD VERIFY EXISTING WATER, WASTE, VENT OR OTHER PIPING SYSTEMS FOR CONNECTIONS TO FIXTURES THAT MAY NOT BE IDENTIFIED ON PLANS PRIOR TO SERVICE OUTAGES, DEMOLITION OR ALTERATIONS OF EXISTING PIPE ROUTING. COORDINATE UNKNOWN SERVICE WITH FACILITIES AND ENGINEER OF RECORD.
- K. CONTRACTOR SHALL MAINTAIN ACCURATE RECORD DRAWINGS SHOWING ALL DISCREPANCIES WITH ANY EXISTING PIPING INDICATED OR REVISIONS TO THE NEW PLUMBING OR FIRE PROTECTION LAYOUTS. ALL CHANGES WILL BE UPDATED WITHIN THE FINAL RECORD DRAWING SET.
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**KEY NOTES:**

- ❖ DEMOLISH 4" WASTE BACK TO POINT OF DISCONNECT. CAP WASTE AT MAIN. PROTECT SANITARY WASTE MAIN PIPE SERVING FIXTURES TO REMAIN.
- ❖ DEMOLISH 2" WASTE BACK TO POINT OF DISCONNECT. CAP WASTE AT MAIN. PROTECT SANITARY WASTE MAIN PIPE SERVING FIXTURES TO REMAIN.
- ❖ DEMOLISH 2" WASTE BACK TO POINT OF DISCONNECT. CAP WASTE AT MAIN. PROTECT SANITARY WASTE MAIN PIPE SERVING FIXTURES TO REMAIN.
- ❖ DEMOLISH 6" STORM DRAIN BACK TO POINT OF DISCONNECT. CAP STORM DRAIN MAIN. PROTECT STORM DRAIN MAIN PIPE SERVING ROOF DRAINS TO REMAIN.
- ❖ DEMOLISH 6" OVERFLOW STORM DRAIN BACK TO POINT OF DISCONNECT. CAP OVERFLOW STORM DRAIN MAIN. PROTECT OVERFLOW STORM DRAIN MAIN PIPE SERVING ROOF DRAINS TO REMAIN.
- ❖ DEMOLISH 4" WASTE UP TO FLOOR CLEANOUT. CAP AT MAIN. PROTECT SANITARY WASTE MAIN PIPE SERVING FIXTURES TO REMAIN.
- ❖ DEMOLISH 12" STORM BACK TO POINT OF DISCONNECT. PROTECT EXISTING PIPING FOR CONNECTION TO NEW. FOR CONTINUATION REFER TO CIVIL PLANS.

1 UNDERFLOOR DEMOLITION PLAN - AREA B  
1/8" = 1'-0"



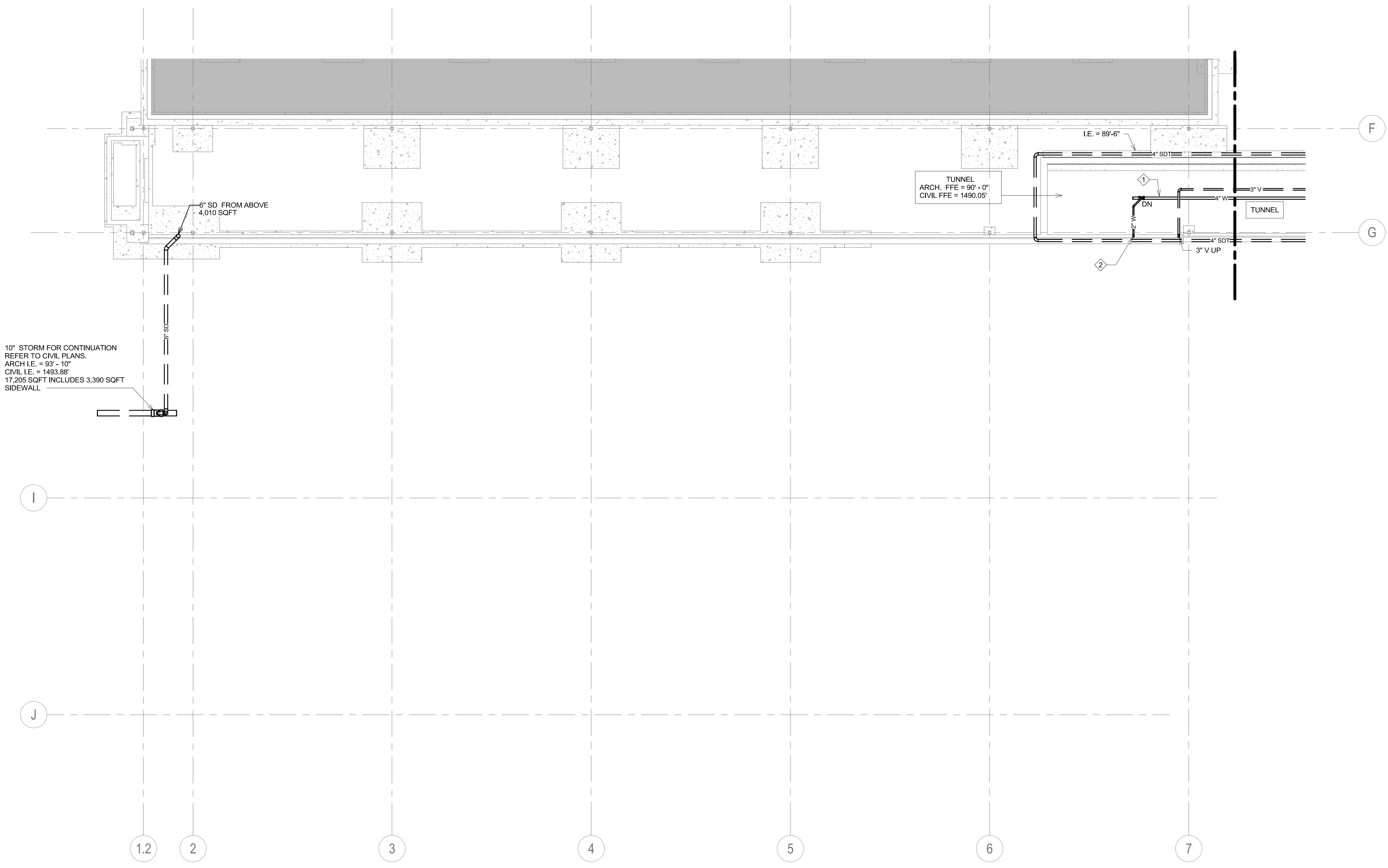
<p><b>CONSULTANTS</b></p> <p>ARCHITECTURAL: <b>BWB</b> R 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701</p> <p>STRUCTURAL: <b>ERA</b> ERICKSEN ROAD ASSOCIATES 2250 University Ave W St. Paul, MN 55402 Phone: 651-251-1770</p> <p>MEP: <b>DUNHAM</b> DUNHAM ASSOCIATES, INC. 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-465-7550 0421950-002-00</p> <p>CIVIL: <b>EVS</b> EVS 10025 Valley View Rd Suite 140 Eden Prairie, MN 55444 Phone: 952-446-0236</p> <p>LANDSCAPE: <b>CONFLUENCE</b> CONFLUENCE 524 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205</p>	<p><b>ARCHITECT OF RECORD</b></p> <p><b>A/E</b> Stone Group Architects 600 E 7th Street Sioux Falls, SD 57103 605-271-1144</p> <p><b>STAMP</b></p>	<p>Office of Construction and Facilities Management</p> <p><b>VA</b> U.S. Department of Veterans Affairs</p>	<p>Drawing Title <b>UNDERFLOOR DEMOLITION PLUMBING PLAN - AREA B</b></p> <p>Approved:</p>	<p>Phase <b>CONSTRUCTION DOCUMENTS</b></p>	<p>Project Title <b>NEW FRONT LOBBY AND PRIMARY CARE ADDITION</b></p> <p>Location <b>SIOUX FALLS, SOUTH DAKOTA</b></p> <p>Issue Date <b>06/22/2022</b></p> <p>Checked <b>JRG</b></p> <p>Drawn <b>TNH</b></p>	<p>Project Number <b>VA #438-480 SGA #201909</b></p> <p>Building Number <b>5</b></p> <p>Drawing Number <b>PD002</b></p>
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**KEY NOTES:**

- ① WASTE PIPING SHOWN IN TUNNEL IS BELOW TUNNEL SLAB.
- ② 2" WASTE UP TO ELECTRIC WATER COOLER.



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

10" STORM FOR CONTINUATION REFER TO CIVIL PLANS. ARCH I.E. = 93 - 10" CIVIL I.E. = 1493.88' 17,205 SQFT INCLUDES 3,390 SQFT SIDEWALL

TUNNEL ARCH. FFE = 90' - 0" CIVIL FFE = 1490.05'

I.E. = 89'-6"

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

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3" V UP

4" W

3" V UP

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3" V UP

4" W

3" V UP

4" W

3" V UP

4" W

3" V UP

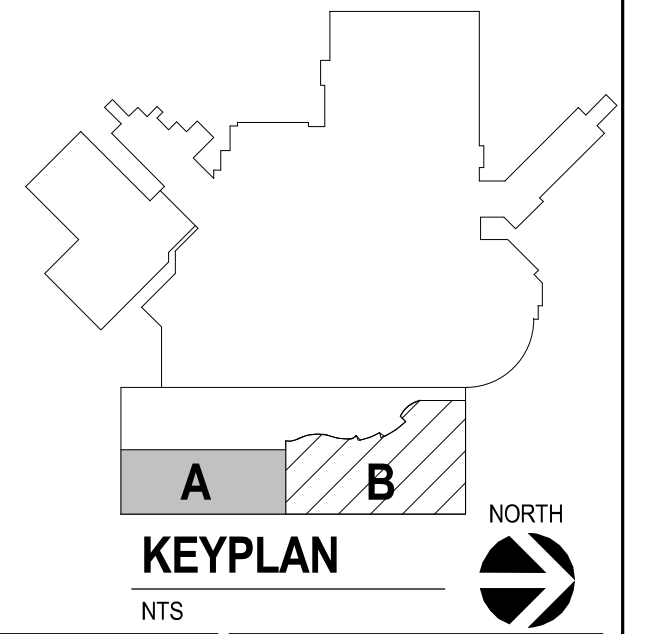
4" W

3" V UP

4" W

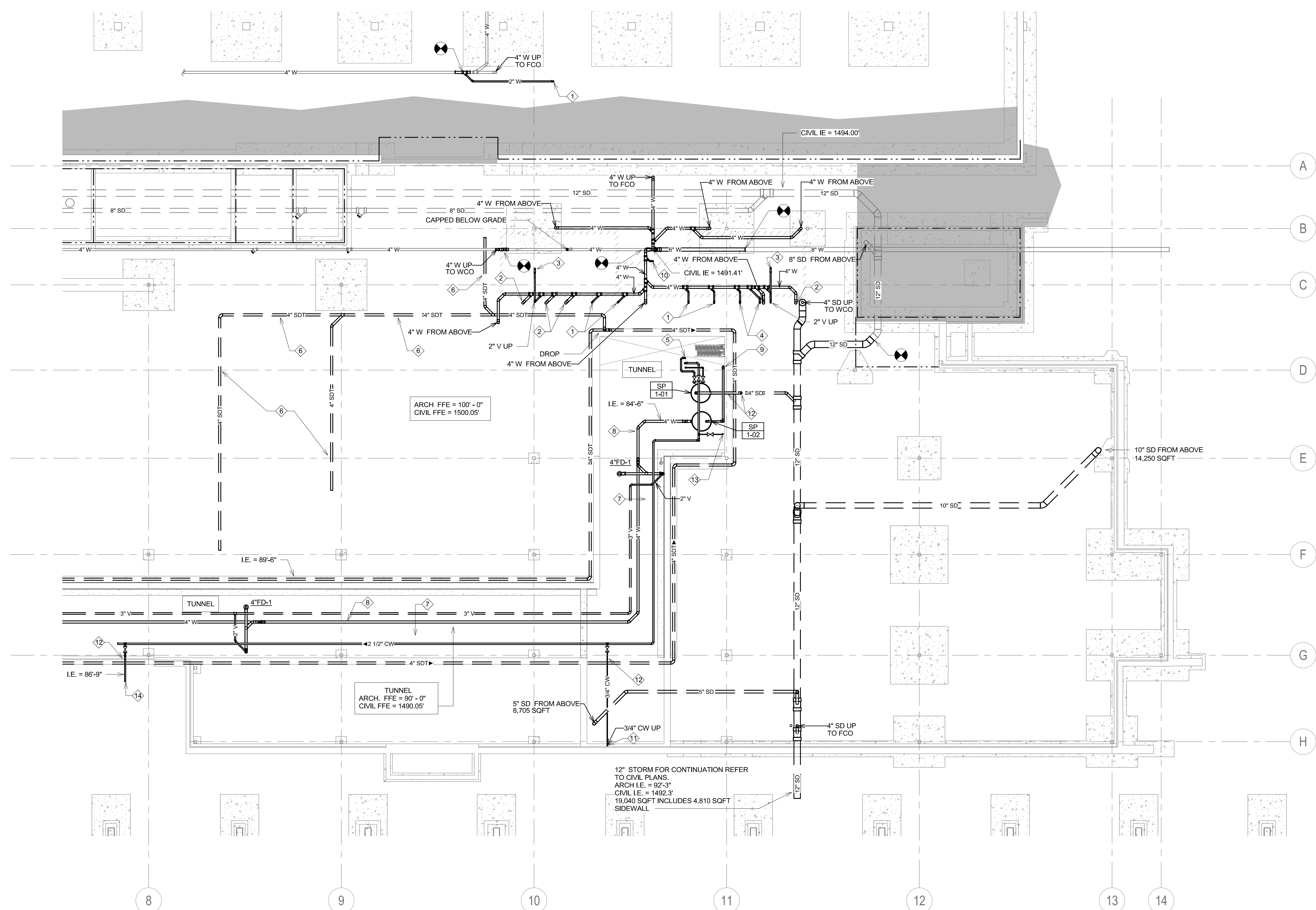
3" V UP

4" W



<b>CONSULTANTS</b> ARCHITECTURAL: B W B R STRUCTURAL: ERA MEP: DUNHAM CIVIL: EVS LANDSCAPE: CONFLUENCE		<b>ARCHITECT OF RECORD</b> A E  Stone Group Architects 600 E 7th Street Sioux Falls, SD 57103 605-271-1144		<b>STAMP</b> REGISTERED PROFESSIONAL ENGINEER 14844 JASON R. GOTTWALT SOUTH DAKOTA		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title: UNDERFLOOR/TUNNEL PLUMBING PLAN - AREA A Phase: CONSTRUCTION DOCUMENTS		Project Title: NEW FRONT LOBBY AND PRIMARY CARE ADDITION Location: SIOUX FALLS, SOUTH DAKOTA		Project Number: VA #438-480 SGA #201909 Building Number: 5 Drawing Number: PP001	
Revision# Description Date:		Approved:		Issue Date: 06/22/2022 Checked: JRG Drawn: TNH		Approved:		Issue Date: 06/22/2022 Checked: JRG Drawn: TNH		Issue Date: 06/22/2022 Checked: JRG Drawn: TNH		Issue Date: 06/22/2022 Checked: JRG Drawn: TNH	

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot



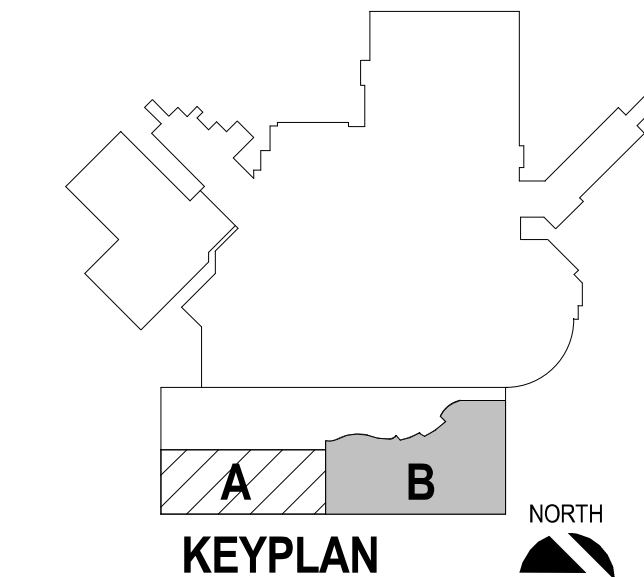
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- P. PROVIDE CLEANOUTS AT BASE OF EVERY STORM DRAIN LEADER.
- Q. NOTE THAT ALL COPPER PIPE FITTINGS SHALL BE SOLDERED. IF CONTRACTOR ENCOUNTERS ANY AREA WHERE A HOT PERMIT IS DIFFICULT TO COMPLY WITH, THAN WRITTEN APPROVAL MUST BE RECEIVED FROM COR FOR ALTERNATIVE FITTING CONNECTIONS.

**KEY NOTES:**

- 1 2" WASTE UP TO SINK/LAVATORY.
- 2 4" WASTE UP TO WATER CLOSET.
- 3 2" WASTE UP TO FLOOR DRAIN.
- 4 2" WASTE UP TO URINAL.
- 5 2-1/2" COLD WATER, 2" HOT WATER AND 1" RECIRCULATING HOT WATER PIPING FROM ABOVE.
- 6 INSTALL 4" SOIL DRAIN TILE PIPE BELOW HDPE DUCT. REFER TO SHEET M401 FOR DETAILS.
- 7 RACK DOMESTIC WATER PIPES ALONG WALL. SHOWN HORIZONTALLY FOR CLARITY.
- 8 WASTE PIPING SHOWN IN TUNNEL IS BELOW TUNNEL SLAB.
- 9 3" PUMPED WASTE UP TO MECHANICAL 189.
- 10 2" WASTE UP TO ELECTRIC WATER COOLER.
- 11 3/4" COLD WATER UP TO WALL HYDRANT. SEE SHEET PP102 FOR CONTINUATION.
- 12 PROVIDE PIPE SLEEVE.
- 13 PROVIDE ZURN AQUASPEC, Z87SL7 HOSE BIBB.
- 14 2" COLD WATER WITH BACK FLOW PREVENTER TO SERVE IRRIGATION SYSTEM. REFER TO SHEET P400 FOR DETAIL.



Revision#	Description	Date:

**CONSULTANTS**

ARCHITECTURAL: **BWB**  
380 St. Peter St  
Suite 600  
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Phone: 651-223-3701

STRUCTURAL: **ERA**  
Erickson Road Associates  
2250 University Ave W  
Suite 423-S  
St. Paul, MN 55402  
Phone: 651-251-1770

MEP: **DUNHAM**  
Dunham Associates, Inc.  
50 South Sixth St  
Suite 1100  
Minneapolis, MN 55344  
Phone: 612-665-7550  
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CIVIL: **EVS**  
EVS  
10025 Valley View Rd  
Suite 140  
Eden Prairie, MN 55344  
Phone: 952-646-0209

LANDSCAPE: **CONFLUENCE**  
CONFLUENCE  
524 N Main Ave  
Suite 201  
Sioux Falls, SD 57104  
Phone: 605-339-1205

**ARCHITECT OF RECORD**

A/E:  
**Stone Group Architects**  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STONE GROUP ARCHITECTS**

**STAMP**

REGISTERED PROFESSIONAL ENGINEER  
14844  
**JASON R. GOTTWALT**  
SOUTH DAKOTA  
01/13/2009

Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
**UNDERFLOOR/TUNNEL PLUMBING  
PLAN - AREA B**

Approved:

Phase  
**CONSTRUCTION  
DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND  
PRIMARY CARE ADDITION**

Location  
**SIOUX FALLS, SOUTH DAKOTA**

Issue Date  
06/22/2022

Checked  
JRG

Drawn  
TNH

Project Number  
VA #438-480  
SGA #201909

Building Number  
5

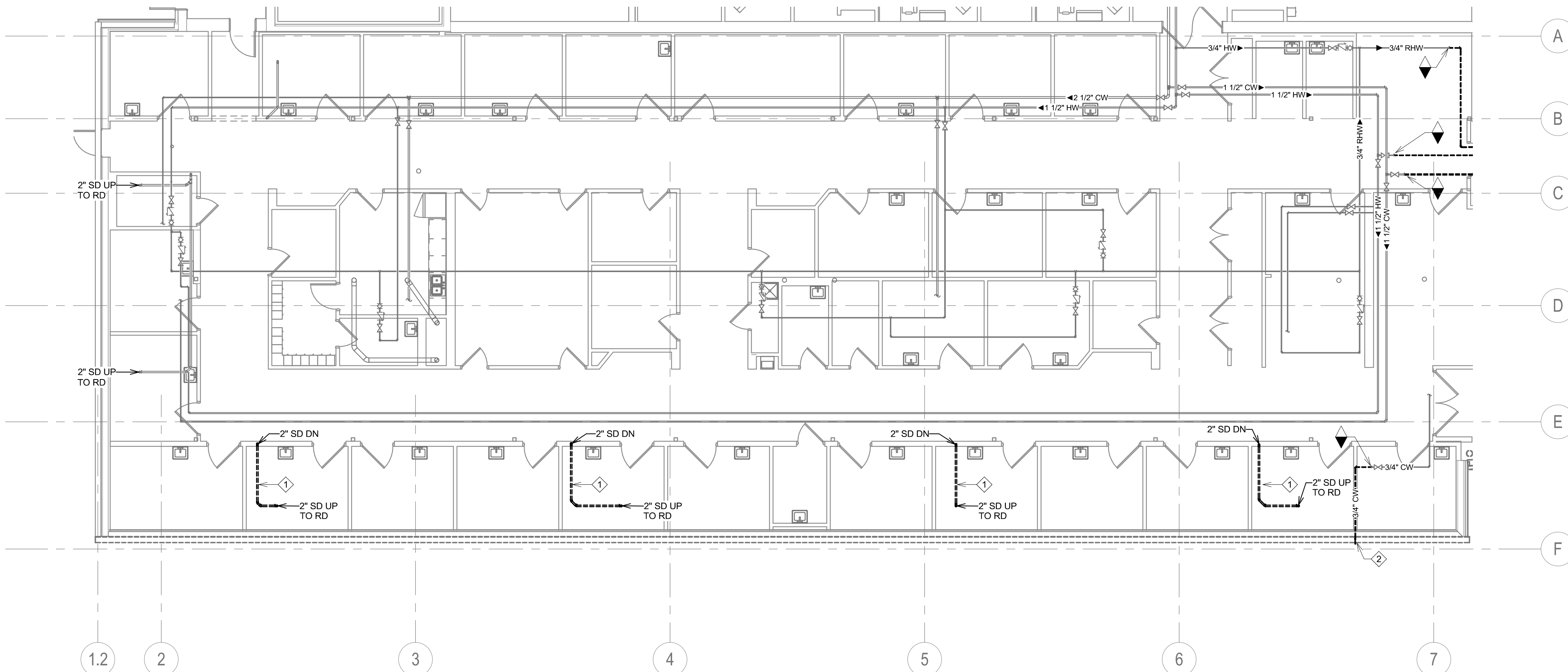
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**GENERAL NOTES:**

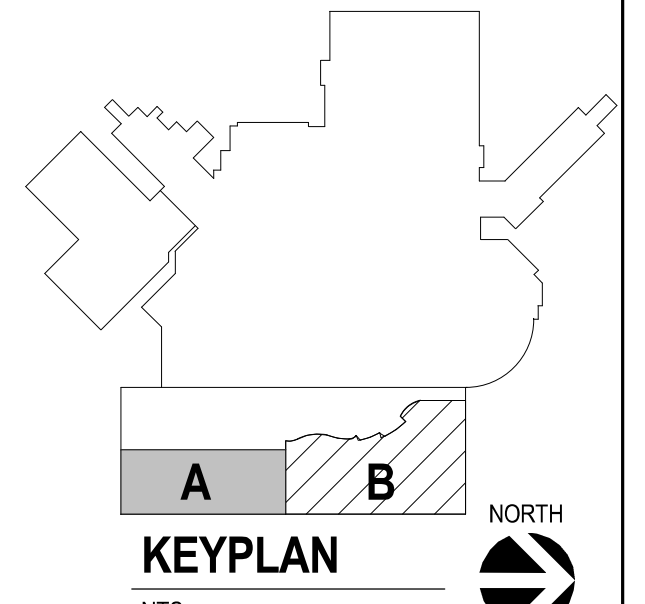
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**KEY NOTES:**

- 1 DEMOLISH 2" ROOF DRAIN AND 2" STORM TO WALL. CAP PIPE AT TOP OF WALL.
- 2 DEMOLISH WALL HYDRANT AND ASSOCIATED COLD WATER PIPING BACK TO POINT OF DISCONNECT. CAP PIPING ABOVE CEILING.



1 GROUND LEVEL DEMOLITION PLUMBING PLAN - AREA A  
1/8" = 1'-0"



Revision#	Description	Date:

**CONSULTANTS**

<b>ARCHITECTURAL:</b> BWB 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701	<b>STRUCTURAL:</b> ERA 2250 University Ave W Suite 423-S St. Paul, MN 55402 Phone: 651-251-1770	<b>MEP:</b> DUNHAM 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-685-7550 0421950-002-00	<b>CIVIL:</b> EVS 10025 Valley View Rd Suite 140 Eden Prairie, MN 55344 Phone: 952-646-0299	<b>LANDSCAPE:</b> CONFLUENCE 524 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205
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**ARCHITECT OF RECORD**

**A/E:**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STAMP**

Office of  
Construction  
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Management

Drawing Title  
**GROUND LEVEL DEMOLITION  
PLUMBING PLAN - AREA A**

Approved: \_\_\_\_\_

Phase  
**CONSTRUCTION  
DOCUMENTS**

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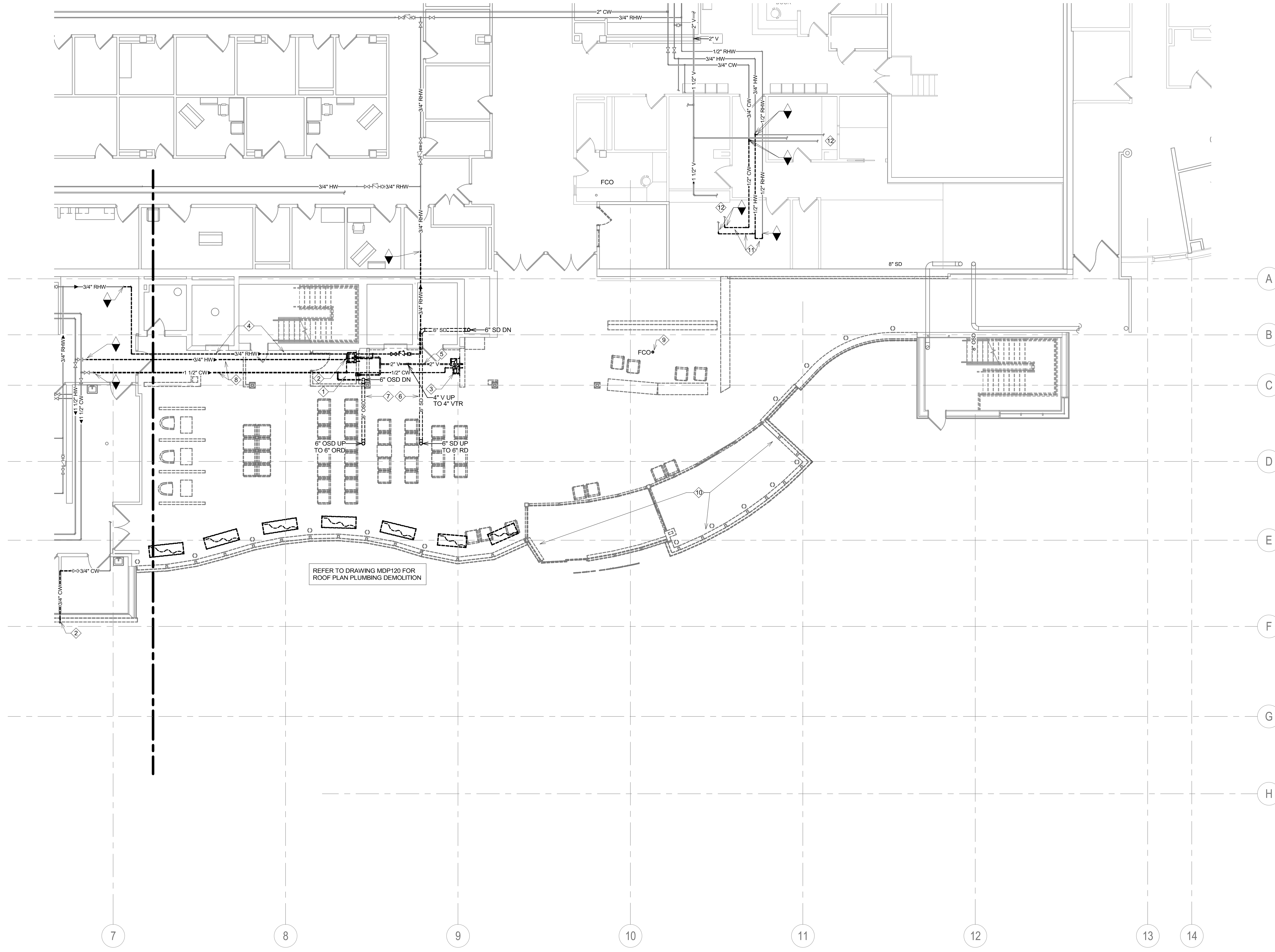
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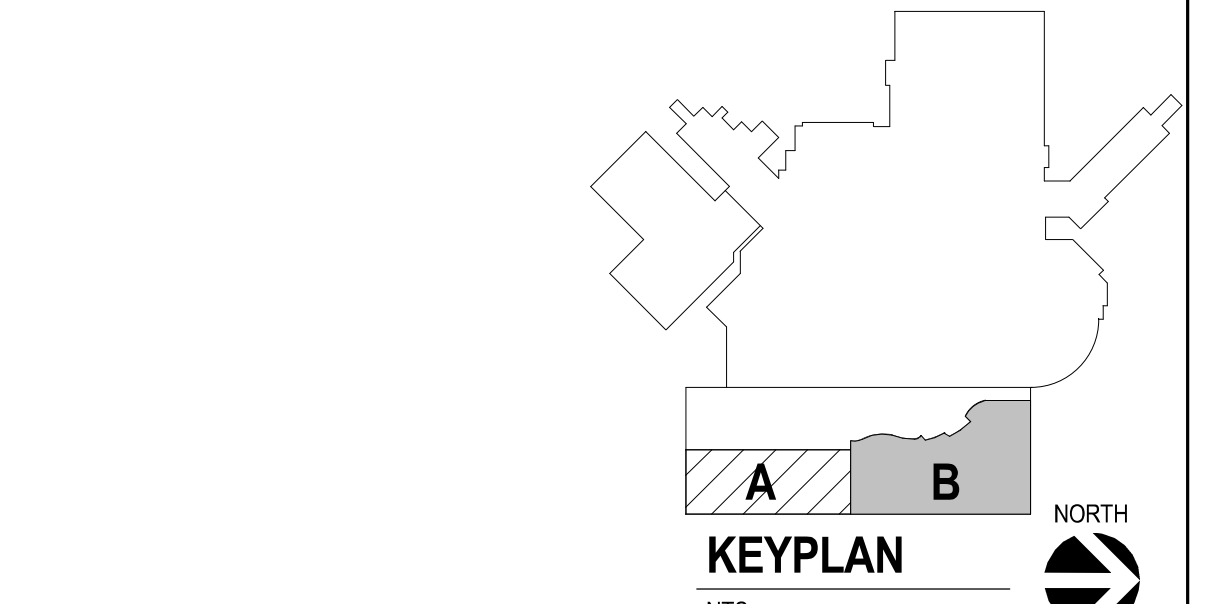
**KEY NOTES:**

- 1 DEMOLISH WATER CLOSET AND ASSOCIATED DOMESTIC WATER BACK TO POINT OF DISCONNECT. DEMOLISH 4" WASTE DOWN THROUGH SLAB.
- 2 DEMOLISH LAVATORY/SINK AND ASSOCIATED DOMESTIC WATER BACK TO POINT OF DISCONNECT. NO DEAD LEGS PERMITTED. DEMOLISH 2" WASTE DOWN THROUGH SLAB.
- 3 DEMOLISH ELECTRIC WATER COOLER AND ASSOCIATED DOMESTIC WATER BACK TO POINT OF DISCONNECT. NO DEAD LEGS PERMITTED. DEMOLISH 2" WASTE DOWN THROUGH SLAB.
- 4 DEMOLISH RECIRCULATING HOT WATER PIPE BETWEEN POINTS OF DISCONNECT. PROTECT EXISTING PIPING TO REMAIN FOR CONNECTION TO NEW.
- 5 DEMOLISH VENT PIPING SERVING FIXTURES TO BE DEMOLISHED. DEMOLISH 4" VENT THROUGH ROOF.
- 6 DEMOLISH 6" STORM DRAIN PIPING UP TO ROOF DRAIN AND DOWN THROUGH SLAB.
- 7 DEMOLISH 6" OVERFLOW STORM DRAIN PIPING UP TO ROOF DRAIN AND DOWN THROUGH SLAB.
- 8 DEMOLISH 1-1/2" COLD WATER AND 3/4" HOT WATER BACK TO POINT OF DISCONNECT AND CAP AT MAIN.
- 9 DEMOLISH FLOOR CLEANOUT AND CAP AT MAIN.
- 10 DEMOLISH STORM AND OVERFLOW STORM PIPING SERVING VESTIBULE AREAS UP THROUGH ROOF AND DOWN THROUGH SLAB.
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- 12 1/2" COLD AND HOT WATER AND 1-1/2" VENT PIPE TO EXISTING SINK/LAVATORY TO REMAIN.



REFER TO DRAWING MDP120 FOR ROOF PLAN PLUMBING DEMOLITION

1 GROUND LEVEL DEMOLITION PLUMBING PLAN - AREA B  
1/8" = 1'-0"



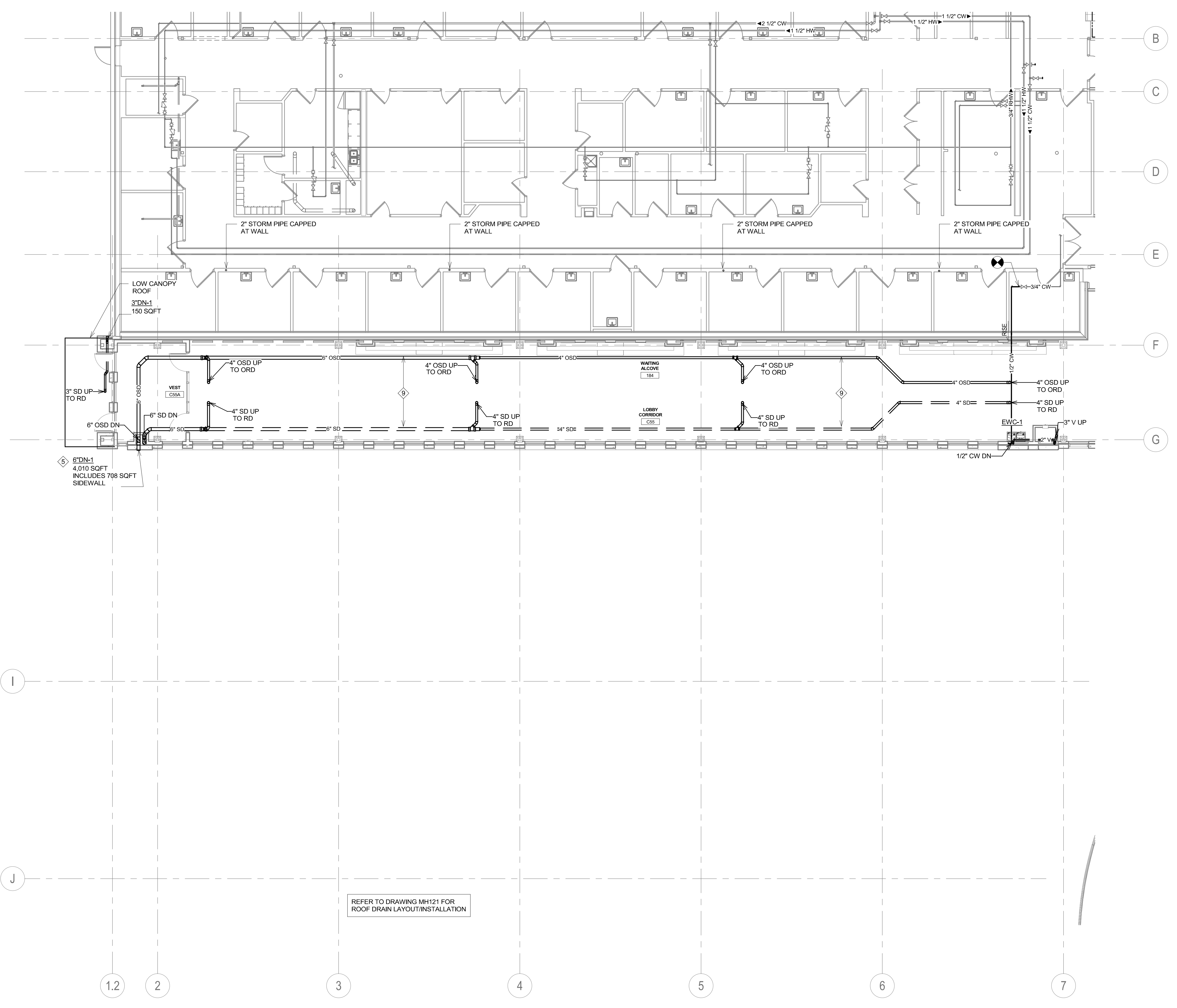
<p><b>CONSULTANTS</b></p> <p>ARCHITECTURAL: <b>BWBR</b> 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701</p> <p>STRUCTURAL: <b>ERA</b> 2250 University Ave W Suite 423-S St. Paul, MN 55402 Phone: 651-251-1770</p> <p>MEP: <b>DUNHAM</b> 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-685-7550 0421950-002-00</p> <p>CIVIL: <b>EVS</b> 10025 Valley View Rd Suite 140 Eden Prairie, MN 55344 Phone: 952-646-0299</p> <p>LANDSCAPE: <b>CONFLUENCE</b> 224 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205</p>	<p><b>ARCHITECT OF RECORD</b></p> <p><b>A/E</b> <b>Stone Group Architects</b> 600 E 7th Street Sioux Falls, SD 57103 605-271-1144</p> <p><b>STAMP</b></p> <p>REGISTERED PROFESSIONAL ENGINEER 14844 <b>JASON R. GOTTWALT</b> SOUTH DAKOTA</p>	<p><b>Office of Construction and Facilities Management</b></p> <p><b>VA</b> U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p><b>GROUND LEVEL DEMOLITION PLUMBING PLAN - AREA B</b></p> <p>Approved:</p>	<p>Phase</p> <p><b>CONSTRUCTION DOCUMENTS</b></p>	<p>Project Title</p> <p><b>NEW FRONT LOBBY AND PRIMARY CARE ADDITION</b></p> <p>Location</p> <p><b>SIoux FALLS, SOUTH DAKOTA</b></p> <p>Issue Date</p> <p>06/22/2022</p> <p>Checked</p> <p>JRG</p> <p>Drawn</p> <p>TNH</p>	<p>Project Number</p> <p>VA #438-480 SGA #201909</p> <p>Building Number</p> <p>5</p> <p>Drawing Number</p> <p>PD102</p>
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- P. PROVIDE CLEANOUTS AT BASE OF EVERY STORM DRAIN LEADER.
- Q. NOTE THAT ALL COPPER PIPE FITTINGS SHALL BE SOLDERED. IF CONTRACTOR ENCOUNTERS ANY AREA WHERE A HOT PERMIT IS DIFFICULT TO COMPLY WITH, THAN WRITTEN APPROVAL MUST BE RECEIVED FROM COR FOR ALTERNATIVE FITTING CONNECTIONS.

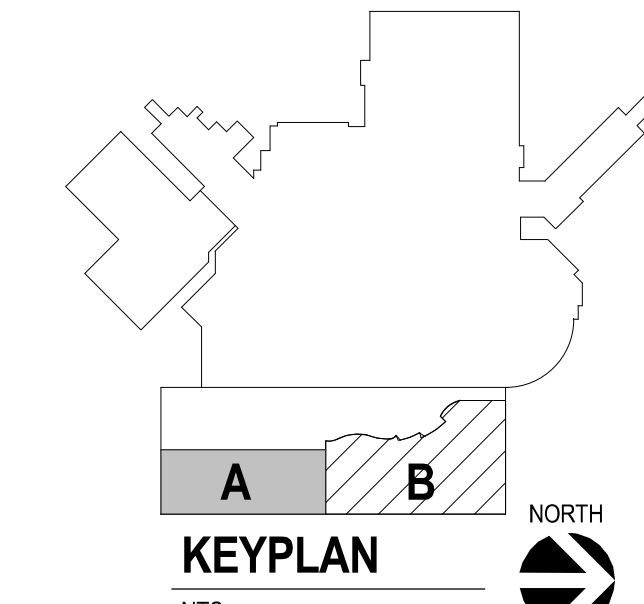
**KEY NOTES:**

- 1 DO NOT ROUTE PIPING ABOVE THIS ROOM.
- 2 1-1/2" HOT WATER, 2" COLD WATER AND 3/4" RECIRCULATING HOT WATER VALVED AND CAPPED FOR FUTURE.
- 3 BALANCE TO 2.0 GPM.
- 4 2-1/2" COLD WATER, 2" HOT WATER AND 1" RECIRCULATING HOT WATER PIPING FROM BELOW.
- 5 INSTALL DOWNSPOUT NOZZLE COCENTERED IN BRICK FACE 18 TO 24 INCHES ABOVE GRADE (VERIFY WITH ARCHITECT). PROVIDE CONCRETE SPLASH BLOCK.
- 6 ROUTE 3/4" COLD WATER PIPE DOWN. PROVIDE WOODFORD MODEL 89 FREEZELESS WALL HYDRANT INLET 'C' OPERATING ROD 55420. PROTECTED BY INTEGRAL COVER AND ASSE 1052 DOUBLE CHECK BACK FLOW PREVENTER. INSTALL WALL HYDRANT CENTERED IN BRICK FACE 18 TO 24 INCHES ABOVE FINISHED GRADE.
- 7 PROVIDE WALL CLEANOUT FOR BACK-TO-BACK SINKS.
- 8 COORDINATE ELEVATION WITH OWNER PROVIDED REFRIGERATORS WATER CONNECTIONS.
- 9 ROUTE STORM AND OVERFLOW STORM PIPING TO AVOID LIGHTS IN WOOD CEILING.



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

REFER TO DRAWING MH121 FOR ROOF DRAIN LAYOUT/INSTALLATION



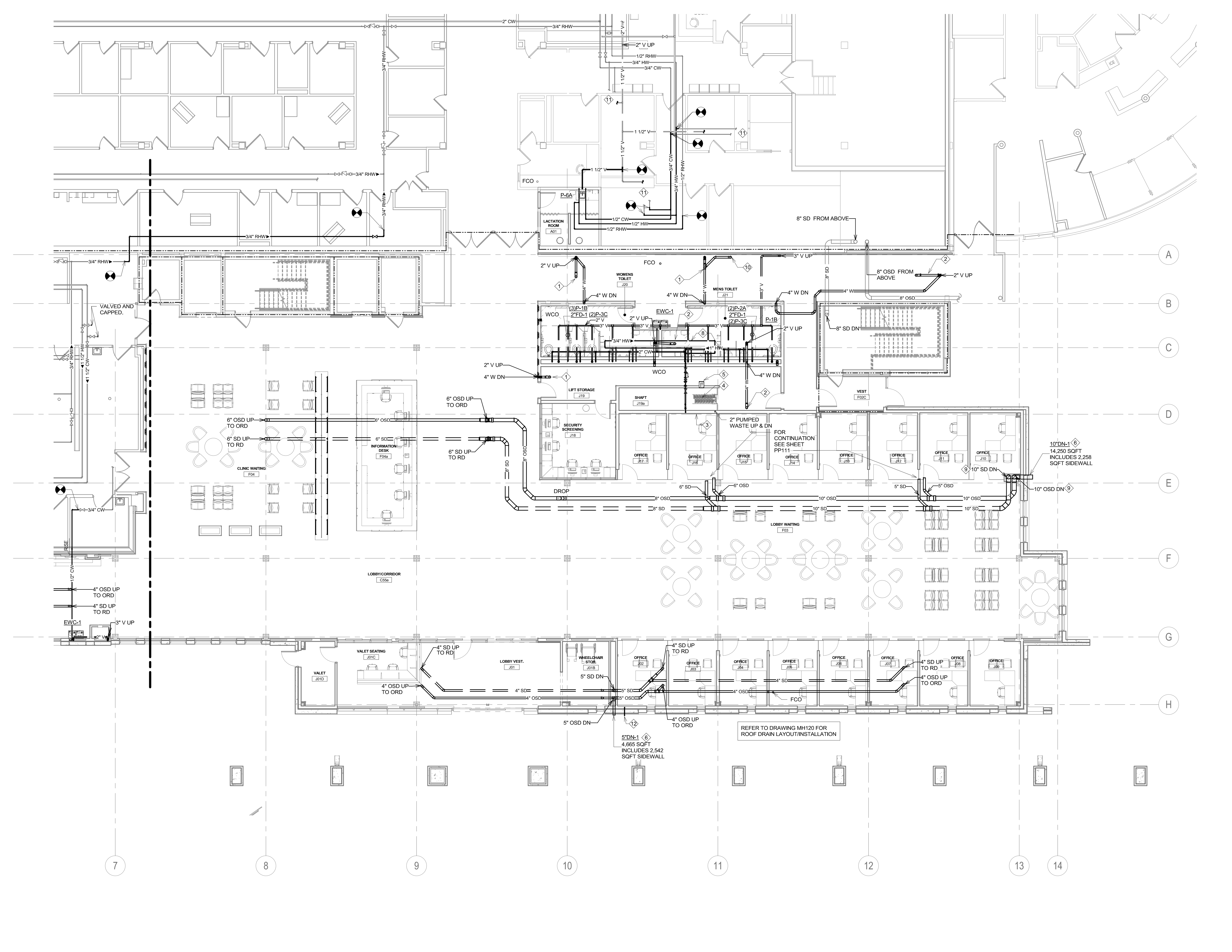
<b>CONSULTANTS</b> ARCHITECTURAL: B W B R STRUCTURAL: ERA MEP: DUNHAM CIVIL: EVS LANDSCAPE: CONFLUENCE		<b>ARCHITECT OF RECORD</b> A E C Stone Group Architects 600 E 7th Street Sioux Falls, SD 57103 605-271-1144		<b>STAMP</b> REGISTERED PROFESSIONAL ENGINEER 14844 JASON R. GOTTWALT SOUTH DAKOTA		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		Drawing Title <b>GROUND LEVEL PLUMBING PLAN - AREA A</b> Approved:		Phase <b>CONSTRUCTION DOCUMENTS</b>		Project Title <b>NEW FRONT LOBBY AND PRIMARY CARE ADDITION</b>		Project Number VA #438-480 SGA #201909 Building Number 5	
Location <b>SIoux FALLS, SOUTH DAKOTA</b>		Issue Date 06/22/2022		Checked JRG		Drawn TNH		Drawing Number <b>PP101</b>							

**GENERAL NOTES:**

- A. CONTRACTOR SHALL REFER TO THE VA MASTER SPECIFICATION MANUAL EDITED FOR THIS PROJECT ALONG WITH ANY APPLICABLE STANDARDS WITHIN THE VA DESIGN GUIDES. ALL REQUIREMENTS OF THOSE MANUALS SHALL BE MAINTAINED IN ADDITION TO ALL NOTES AND DESCRIPTIONS INDICATED WITHIN THESE DRAWINGS. ANY CONFLICTS BETWEEN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR INTERPRETATION.
- B. CONTRACTOR WILL BE RESPONSIBLE TO REVIEW ACCESSIBILITY TO AREAS OUTSIDE THE CONSTRUCTION LIMITS TO DETERMINE APPROXIMATE AMOUNT OF OVERTIME REQUIRED TO PERFORM ALL MECHANICAL WORK INDICATED. COORDINATION OF SCHEDULES WITH ADJACENT DEPARTMENTS AND CLEANING OF ALL DEBRIS AFTER EACH WORK SHIFT SHOULD BE ASSUMED IN THE BASE BID SCOPE.
- C. ANY MAJOR OUTAGES INDICATED ON THESE DRAWINGS SHALL BE SCHEDULED TO BE PERFORMED AFTER NORMAL BUSINESS HOURS OR DURING WEEKEND PERIODS TO MINIMIZE HOSPITAL DISRUPTION. VA HOSPITAL FACILITIES WILL REQUIRE A MINIMUM OF TWO (2) WEEKS NOTICE PRIOR TO ANY SUCH OUTAGE.
- D. COORDINATE ALL NEW PLUMBING PIPING ROUTING WITH ALL OTHER TRADES TO ENSURE ADEQUATE CLEARANCES FOR ELECTRICAL CONDUIT, HVAC DUCTWORK & PIPING, STRUCTURAL SUPPORTS, ETC. ANY UNAVOIDABLE CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OF RECORD. PROVIDE ALL OFFSETS & TRANSITIONS AS REQUIRED FOR A CLEAN INSTALLATION.
- E. THE EXACT LOCATION OF EQUIPMENT ROUGH-INS SHALL BE VERIFIED WITH THE STAMPED APPROVED SHOP DRAWINGS PRIOR TO ANY FIELD INSTALLATION.
- F. SUPPORT ALL PIPING DIRECTLY TO STRUCTURE. DO NOT SUPPORT ANY PIPING FROM DUCTWORK, CONDUIT OR OTHER PIPING ENCOUNTERED.
- G. WHERE MECHANICAL SYSTEMS TO REMAIN ARE DAMAGED OR DISTURBED DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE TO REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL QUALITY AND FUNCTIONALITY.
- H. ALL EXISTING PIPING THROUGH NEW FIRE RATED WALLS SHALL BE ADEQUATELY FIRE SEALED AS REQUIRED. PIPING PENETRATIONS THROUGH INTERSTITIAL FLOOR SHALL BE DRILLED OR CUT BY THE CONTRACTOR AND FIRE SEALED AS REQUIRED.
- I. ALL CORE DRILLING OR ANY ACTIVITIES CAUSING EXTREME VIBRATION OR NOISE SHALL BE COORDINATED TO BE PERFORMED AFTER BUSINESS HOURS TO NOT AFFECT CRITICAL HOSPITAL FUNCTIONS WITHIN ADJACENT AREAS. COORDINATE WITH VA REPRESENTATIVE AS REQUIRED.
- J. FIELD VERIFY EXISTING WATER, WASTE, VENT OR OTHER PIPING SYSTEMS FOR CONNECTIONS TO FIXTURES THAT MAY NOT BE IDENTIFIED ON PLANS PRIOR TO SERVICE OUTAGES. DEMOLITION OR ALTERATIONS OF EXISTING PIPE ROUTING, COORDINATE UNKNOWN SERVICE WITH FACILITIES AND ENGINEER OF RECORD.
- K. CONTRACTOR SHALL MAINTAIN ACCURATE RECORD DRAWINGS SHOWING ALL DISCREPANCIES WITH ANY EXISTING PIPING INDICATED OR REVISIONS TO THE NEW PLUMBING OR FIRE PROTECTION LAYOUTS. ALL CHANGES WILL BE UPDATED WITHIN THE FINAL RECORD DRAWING SET.
- L. ALL CONTRACTORS TO REFERENCE THE INFECTION CONTROL NOTES IDENTIFIED WITHIN THE VENTILATION GENERAL NOTES ON THESE DRAWINGS. CONFORM TO ALL ICRA REQUIREMENTS.
- M. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL PIPING, FITTINGS, VALVES & ACCESSORIES AS REQUIRED FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
- N. REFER TO PLUMBING FIXTURE SCHEDULE AND PLUMBING RISER DIAGRAMS FOR INDIVIDUAL BRANCH SIZES TO FIXTURES.
- O. ALL VALVES TO BE LOCATED ABOVE LAY-IN CEILING FOR ACCESSIBILITY. WHERE VALVES MUST BE LOCATED ABOVE GYPSUM BOARD CEILINGS, MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF 24"x24" ACCESS PANELS WITH GENERAL CONTRACTOR.
- P. PROVIDE CLEANOUTS AT BASE OF EVERY STORM DRAIN LEADER.
- Q. NOTE THAT ALL COPPER PIPE FITTINGS SHALL BE SOLDERED. IF CONTRACTOR ENCOUNTERS ANY AREA WHERE A HOT PERMIT IS DIFFICULT TO COMPLY WITH, THAN WRITTEN APPROVAL MUST BE RECEIVED FROM COR FOR ALTERNATIVE FITTING CONNECTIONS.

**KEY NOTES:**

- 1. 4" WASTE UP TO FLOOR DRAIN.
- 2. 4" WASTE UP TO FLOOR SINK.
- 3. 2-1/2" COLD WATER, 2" HOT WATER AND 1" RECIRCULATING HOT WATER PIPING FROM ABOVE AND DOWN TO TUNNEL.
- 4. 2" COLD WATER, 1" HOT WATER AND 3/4" RECIRCULATING HOT WATER PIPING.
- 5. BALANCE TO 2.0 GPM.
- 6. INSTALL DOWNSPOUT NOZZLE CENTERED IN BRICK FACE 18 TO 24 INCHES ABOVE GRADE (VERIFY WITH ARCHITECT), PROVIDE CONCRETE SPLASH BLOCK.
- 7. ROUTE 3/4" COLD WATER PIPE DOWN. PROVIDE WOODFORD MODEL 68 FREEZELESS WALL HYDRANT, INLET 'C' OPERATING ROD 55420. PROTECTED BY INTEGRAL COVER AND ASSE 1052 DOUBLE CHECK BACK FLOW PREVENTER. INSTALL WALL HYDRANT CENTERED IN BRICK FACE 18 TO 24 INCHES ABOVE FINISHED GRADE.
- 8. ROUTE COLD AND HOT WATER SUPPLY PIPING IN PLUMBING CHASE. ROUTING SHOWN ABOVE CEILING ON PLAN FOR CLARITY.
- 9. ROUTE STORM PIPING DOWN THROUGH MECHANICAL 189 FLOOR SLAB.
- 10. 4" WASTE UP TO STANDPIPE.
- 11. 1/2" COLD AND HOT WATER AND 1-1/2" VENT PIPE TO EXISTING SINK/LAVATORY TO REMAIN.
- 12. ROUTE 3/4" COLD WATER PIPE FROM BELOW. PROVIDE WOODFORD MODEL 68 FREEZELESS WALL HYDRANT, INLET 'C' OPERATING ROD 55420. PROTECTED BY INTEGRAL COVER AND ASSE 1052 DOUBLE CHECK BACK FLOW PREVENTER. INSTALL WALL HYDRANT CENTERED IN BRICK FACE 18 TO 24 INCHES ABOVE FINISHED GRADE.



1. GROUND LEVEL PLUMBING PLAN - AREA B  
1/8" = 1'-0"

1  
2  
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D  
E  
F  
 three eighths inch = one foot  
 one and one half inch = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot  
 C:\Rev\Projects\MM - Lobby Central\_R201\_jasongottwalt527.rvt  
 6/21/2022 9:11:15 AM  
 VA FORM 08 - 6231

**CONSULTANTS**

<p>ARCHITECTURAL: <b>BWB</b> 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701</p>	<p>STRUCTURAL: <b>ERA</b> Erickson Road Associates 2250 University Ave W St. Paul, MN 55402 Phone: 651-251-1970</p>	<p>MEP: <b>DUNHAM</b> Dunham Associates, Inc. 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-685-7550 0421959-002-00</p>	<p>CIVIL: <b>EVS</b> 10025 Valley View Rd Suite 140 Eden Prairie, MN 55344 Phone: 952-646-0299</p>	<p>LANDSCAPE: <b>CONFLUENCE</b> 524 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205</p>
--	---	---	--	--

**ARCHITECT OF RECORD**

**A/E**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STONE GROUP ARCHITECTS**

**STAMP**

REGISTERED PROFESSIONAL ENGINEER  
14844  
JASON R. GOTTWALT  
SOUTH DAKOTA

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

Drawing Title  
**GROUND LEVEL PLUMBING PLAN - AREA B**

Approved:

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title <b>NEW FRONT LOBBY AND PRIMARY CARE ADDITION</b>	Project Number <b>VA #438-480 SGA #201909</b>
Location <b>SIOUX FALLS, SOUTH DAKOTA</b>	Building Number <b>5</b>
Issue Date <b>06/22/2022</b>	Drawing Number <b>PP102</b>
Checked <b>JRG</b>	Drawn <b>TNH</b>

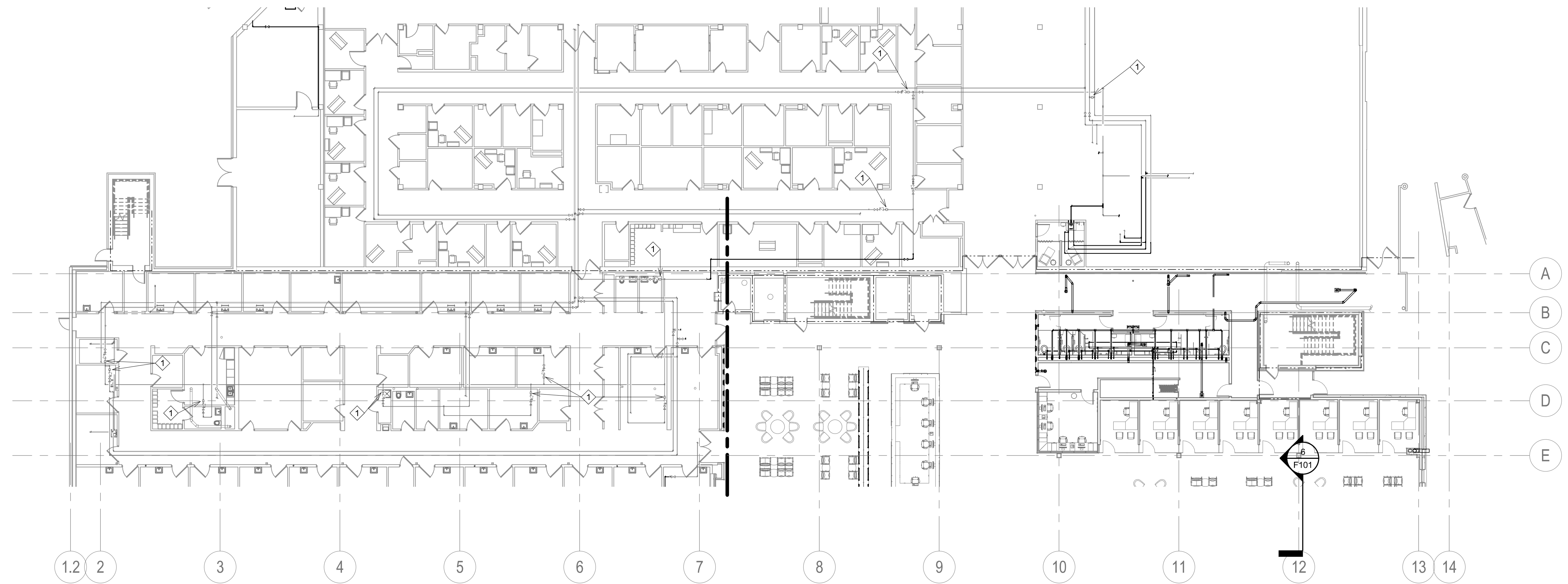


**GENERAL NOTES:**

- A. EXISTING RECIRCULATING HOT WATER BALANCING VALVES SHOWN ARE BASED ON EXISTING PLANS FROM PREVIOUS REMODEL PROJECTS. MECHANICAL CONTRACTOR TO FIELD VERIFY LOCATIONS OF RECIRCULATING HOT WATER BALANCING VALVES PRIOR TO FUTURE CONSTRUCTION IN CLINIC AREAS.
- B. ROUTING OF RECIRCULATING PIPING FOR FUTURE PROJECTS SHALL BE BID IN THE FUTURE PROJECT.
- C. RECIRCULATING HOT WATER PUMP INSTALLED IN THIS PROJECT SIZED FOR FUTURE AND NEW RECIRCULATING HOT WATER BALANCING VALVES AND EXISTING RECIRCULATING HOT WATER BALANCING VALVES.

**KEY NOTES:**

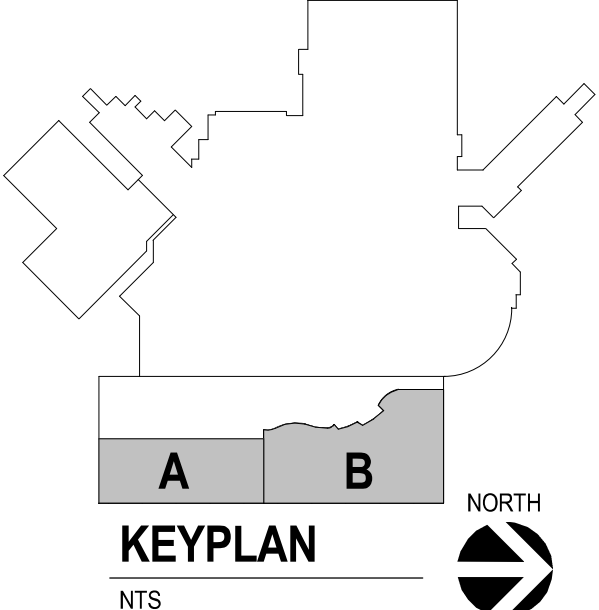
- ◇ BALANCE TO 0.5 GPM.



FOR REFERENCE ONLY

1 GROUND LEVEL PLUMBING PLAN - OVERALL  
1/16" = 1'-0"

Three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



Revision#	Description	Date:

**CONSULTANTS**

<b>ARCHITECTURAL:</b> BWB 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701	<b>STRUCTURAL:</b> ERA 2250 University Ave W Suite 423-S St. Paul, MN 55402 Phone: 651-251-1770	<b>MEP:</b> DUNHAM 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-465-7550 0421950-002-00	<b>CIVIL:</b> EVS 10025 Valley View Rd Suite 140 Eden Prairie, MN 55344 Phone: 952-646-0299	<b>LANDSCAPE:</b> CONFLUENCE 224 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205
--	--	--	--	--

**ARCHITECT OF RECORD**

**A/E:**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STAMP**

Office of  
Construction  
and Facilities  
Management

Drawing Title  
**GROUND LEVEL PLUMBING PLAN - OVERALL**

Approved: \_\_\_\_\_

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND PRIMARY CARE ADDITION**

Location  
**SIOUX FALLS, SOUTH DAKOTA**

Issue Date  
06/22/2022

Checked  
JRG

Drawn  
TNH

Project Number  
VA #438-480  
SGA #201909

Building Number  
5

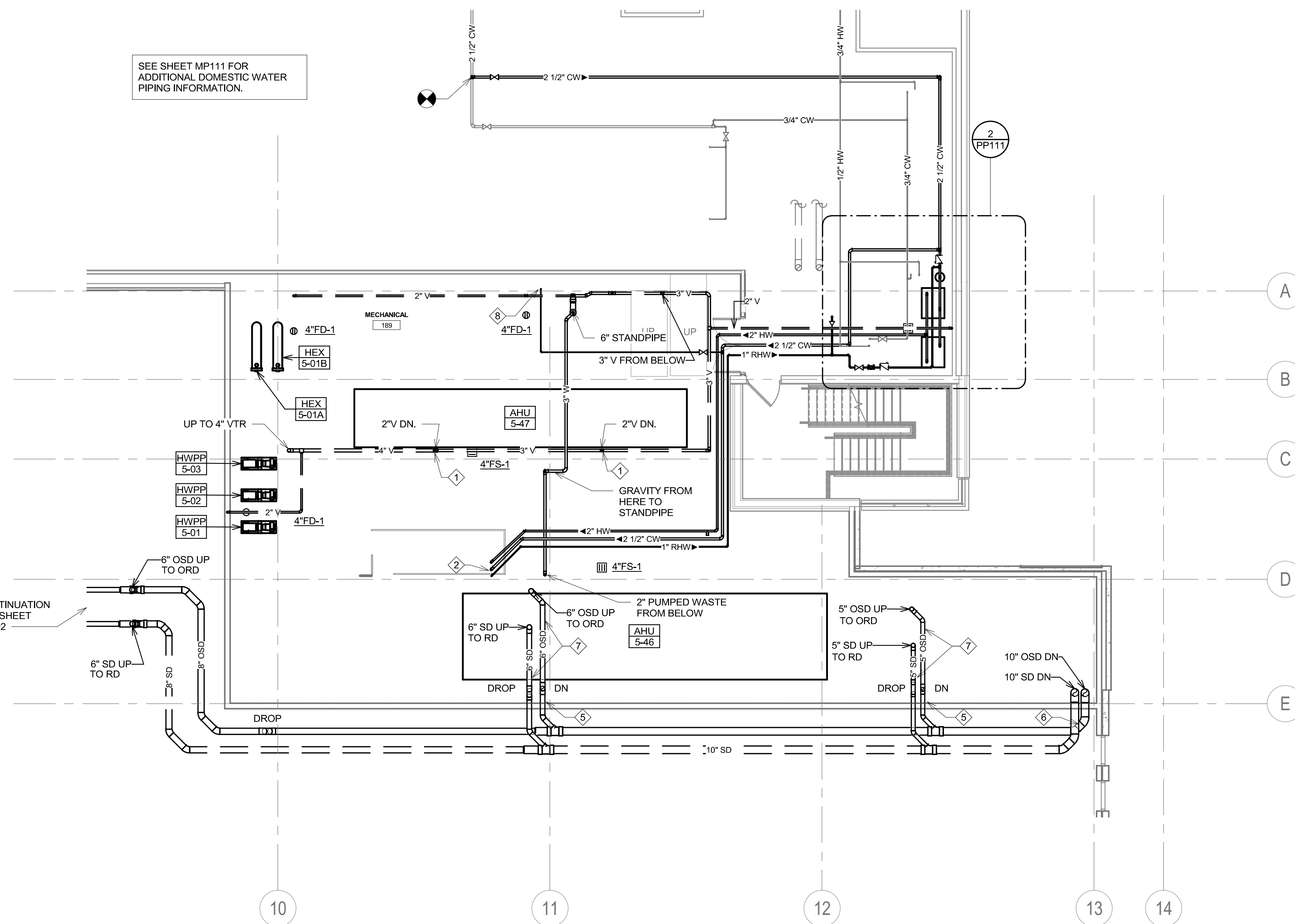
Drawing Number  
**PP103**

**GENERAL NOTES:**

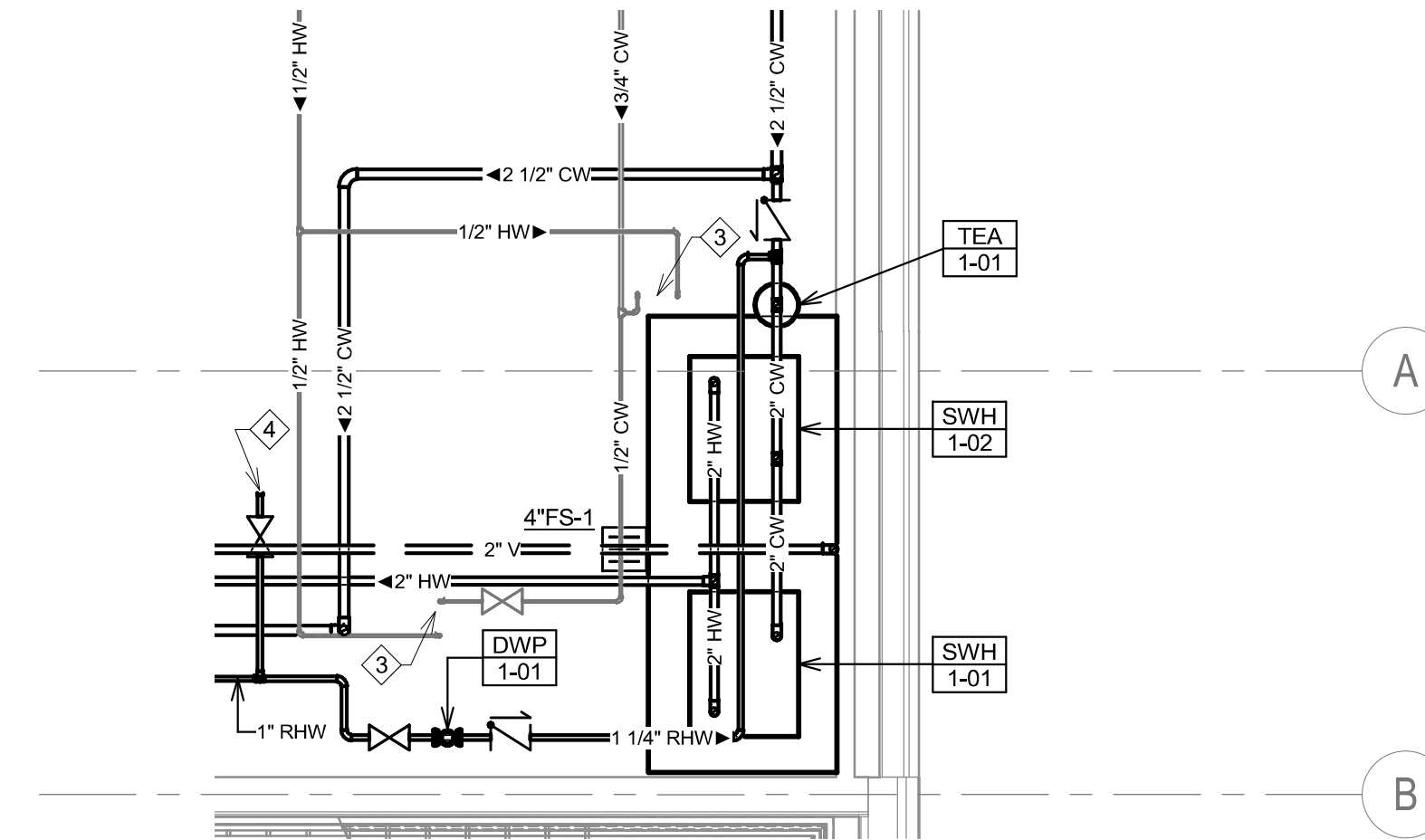
- A. CONTRACTOR SHALL REFER TO THE VA MASTER SPECIFICATION MANUAL EDITED FOR THIS PROJECT ALONG WITH ANY APPLICABLE STANDARDS WITHIN THE VA DESIGN GUIDES. ALL REQUIREMENTS OF THOSE MANUALS SHALL BE MAINTAINED IN ADDITION TO ALL NOTES AND DESCRIPTIONS INDICATED WITHIN THESE DRAWINGS. ANY CONFLICTS BETWEEN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR INTERPRETATION.
- B. CONTRACTOR WILL BE RESPONSIBLE TO REVIEW ACCESSIBILITY TO AREAS OUTSIDE THE CONSTRUCTION LIMITS TO DETERMINE APPROXIMATE AMOUNT OF OVERTIME REQUIRED TO PERFORM ALL MECHANICAL WORK INDICATED. COORDINATION OF SCHEDULES WITH ADJACENT DEPARTMENTS AND CLEANING OF ALL DEBRIS AFTER EACH WORK SHIFT SHOULD BE ASSUMED IN THE BASE BID SCOPE.
- C. ANY MAJOR OUTAGES INDICATED ON THESE DRAWINGS SHALL BE SCHEDULED TO BE PERFORMED AFTER NORMAL BUSINESS HOURS OR DURING WEEKEND PERIODS TO MINIMIZE HOSPITAL DISRUPTION. VA HOSPITAL FACILITIES WILL REQUIRE A MINIMUM OF TWO (2) WEEKS NOTICE PRIOR TO ANY SUCH OUTAGE.
- D. COORDINATE ALL NEW PLUMBING PIPING ROUTING WITH ALL OTHER TRADES TO ENSURE ADEQUATE CLEARANCES FOR ELECTRICAL CONDUIT, HVAC DUCTWORK & PIPING, STRUCTURAL SUPPORTS, ETC. ANY UNAVOIDABLE CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OF RECORD. PROVIDE ALL OFFSETS & TRANSITIONS AS REQUIRED FOR A CLEAN INSTALLATION.
- E. THE EXACT LOCATION OF EQUIPMENT ROUGH-INS SHALL BE VERIFIED WITH THE STAMPED APPROVED SHOP DRAWINGS PRIOR TO ANY FIELD INSTALLATION.
- F. SUPPORT ALL PIPING DIRECTLY TO STRUCTURE. DO NOT SUPPORT ANY PIPING FROM DUCTWORK, CONDUIT OR OTHER PIPING ENCOUNTERED.
- G. WHERE MECHANICAL SYSTEMS TO REMAIN ARE DAMAGED OR DISTURBED DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE TO REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL QUALITY AND FUNCTIONALITY.
- H. ALL EXISTING PIPING THROUGH NEW FIRE RATED WALLS SHALL BE ADEQUATELY FIRE SEALED AS REQUIRED. PIPING PENETRATIONS THROUGH INTERSTITIAL FLOOR SHALL BE DRILLED OR CUT BY THE CONTRACTOR AND FIRE SEALED AS REQUIRED.
- I. ALL CORE DRILLING OR ANY ACTIVITIES CAUSING EXTREME VIBRATION OR NOISE SHALL BE COORDINATED TO BE PERFORMED AFTER BUSINESS HOURS TO NOT AFFECT CRITICAL HOSPITAL FUNCTIONS WITHIN ADJACENT AREAS. COORDINATE WITH VA REPRESENTATIVE AS REQUIRED.
- J. FIELD VERIFY EXISTING WATER, WASTE, VENT OR OTHER PIPING SYSTEMS FOR CONNECTIONS TO FIXTURES THAT MAY NOT BE IDENTIFIED ON PLANS PRIOR TO SERVICE OUTAGES. DEMOLITION OR ALTERATIONS OF EXISTING PIPE ROUTING. COORDINATE UNKNOWN SERVICE WITH FACILITIES AND ENGINEER OF RECORD.
- K. CONTRACTOR SHALL MAINTAIN ACCURATE RECORD DRAWINGS SHOWING ALL DISCREPANCIES WITH ANY EXISTING PIPING INDICATED OR REVISIONS TO THE NEW PLUMBING OR FIRE PROTECTION LAYOUTS. ALL CHANGES WILL BE UPDATED WITHIN THE FINAL RECORD DRAWING SET.
- L. ALL CONTRACTORS TO REFERENCE THE INFECTION CONTROL NOTES IDENTIFIED WITHIN THE VENTILATION GENERAL NOTES ON THESE DRAWINGS. CONFORM TO ALL ICRA REQUIREMENTS.
- M. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL PIPING, FITTINGS, VALVES & ACCESSORIES AS REQUIRED FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
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**KEY NOTES:**

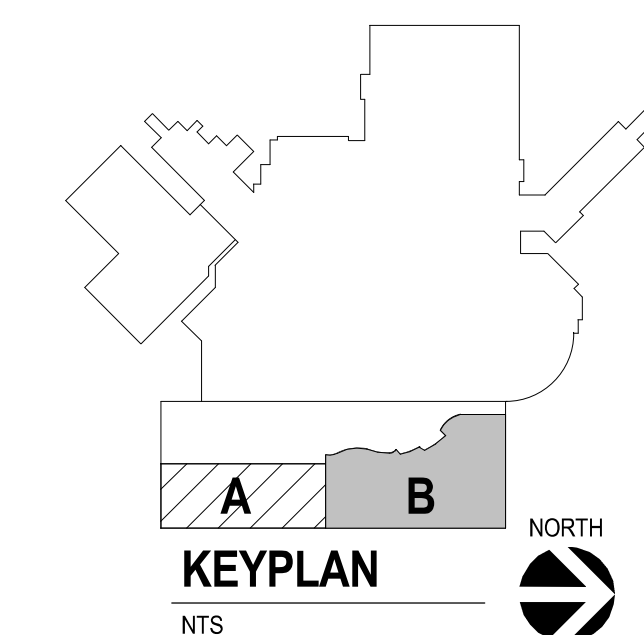
- ① SUPPORT 2" VENT PIPE AGAINST AIR HANDLING UNIT. COORDINATE LOCATION WITH AIR HANDLING UNIT ACCESS DOORS.
- ② 2" HOT WATER, 2-1/2" COLD WATER AND 1" RECIRCULATING HOT WATER DOWN.
- ③ EXISTING 1/2" COLD AND HOT WATER UP TO FIXTURE ON FLOOR ABOVE.
- ④ 1-1/4" RECIRCULATING HOT WATER PIPE VALVED AND CAPPED FOR FUTURE.
- ⑤ OFFSET 5" STORM PIPING TO AVOID STRUCTURAL BEAM.
- ⑥ ROUTE 8" OVERFLOW STORM BELOW 8" STORM PIPING IN THIS AREA.
- ⑦ ROUTE STORM PIPING HIGH, WITHIN BEAM POCKETS.
- ⑧ PROVIDE ZURN AQUASPEC, Z87SL7 HOSE BIBB.



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



② FIRST FLOOR PLUMBING ENLARGED PLAN - WATER HEATERS  
1/4" = 1'-0"



**KEYPLAN**  
NTS

Revision#	Description	Date:

**CONSULTANTS**

<b>ARCHITECTURAL:</b> BWB 380 St. Peter St Suite 600 St. Paul, MN 55102 Phone: 651-223-3701	<b>STRUCTURAL:</b> ERA 2250 University Ave W Suite 423-S St. Paul, MN 55402 Phone: 651-251-1770	<b>MEP:</b> DUNHAM 50 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-465-7550 0421959-002-00	<b>CIVIL:</b> EVS 10025 Valley View Rd Suite 140 Eden Prairie, MN 55344 Phone: 952-646-0299	<b>LANDSCAPE:</b> CONFLUENCE 524 N Main Ave Suite 201 Sioux Falls, SD 57104 Phone: 605-339-1205
--	--	--	--	--

**ARCHITECT OF RECORD**

A/E  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STAMP**

REGISTERED PROFESSIONAL ENGINEER  
14844  
JASON R. GOTTWALT  
SOUTH DAKOTA

Office of  
Construction  
and Facilities  
Management

VA U.S. Department  
of Veterans Affairs

Drawing Title  
**FIRST FLOOR PLUMBING PLAN**

Approved:

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND PRIMARY CARE ADDITION**

Location  
**SIOUX FALLS, SOUTH DAKOTA**

Issue Date  
06/22/2022

Checked  
JRG

Drawn  
TNH

Project Number  
VA #438-480  
SGA #201909

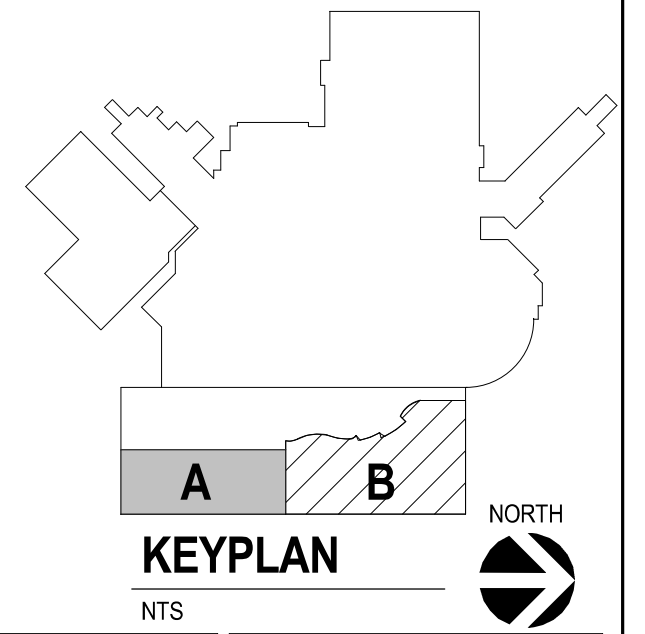
Building Number  
5

Drawing Number  
PP111

Three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



1 WASTE AND VENT RISER DIAGRAM - AREA A



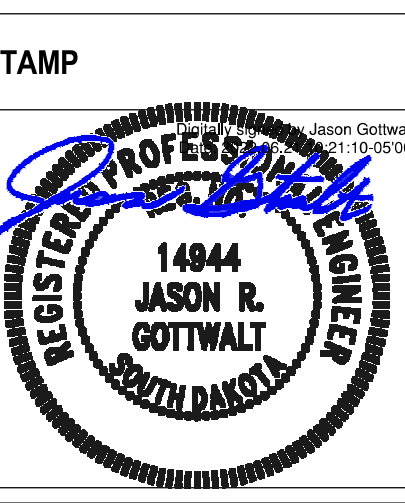
Revision#	Description	Date:

**CONSULTANTS**

<b>ARCHITECTURAL:</b> BWB R	<b>STRUCTURAL:</b> ERA ERICKSEN ROAD ASSOCIATES 2250 UNIVERSITY AVE W SUITE 423-S ST. PAUL, MN 55402 PHONE: 651-223-3701	<b>MEP:</b> DUNHAM DUNHAM ASSOCIATES, INC. 50 SOUTH SIXTH ST SUITE 1100 ST. PAUL, MN 55402 PHONE: 612-465-7550 0421950-002-00	<b>CIVIL:</b> EVS 10025 VALLEY VIEW RD SUITE 140 EDEN PRARIE, MN 55344 PHONE: 952-646-0236	<b>LANDSCAPE:</b> CONFLUENCE CONFLUENCE 224 N MAIN AVE SUITE 201 SIOUX FALLS, SD 57104 PHONE: 605-339-1205
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**ARCHITECT OF RECORD**

**A/E:**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144



**Office of Construction and Facilities Management**

**Drawing Title**  
WASTE AND VENT RISER DIAGRAM - GROUND LEVEL AREA

**Approved:**

**Phase**  
CONSTRUCTION DOCUMENTS

**Project Title**  
NEW FRONT LOBBY AND PRIMARY CARE ADDITION

**Location**  
SIOUX FALLS, SOUTH DAKOTA

**Issue Date**  
06/22/2022

**Checked**  
JRG

**Drawn**  
TNH

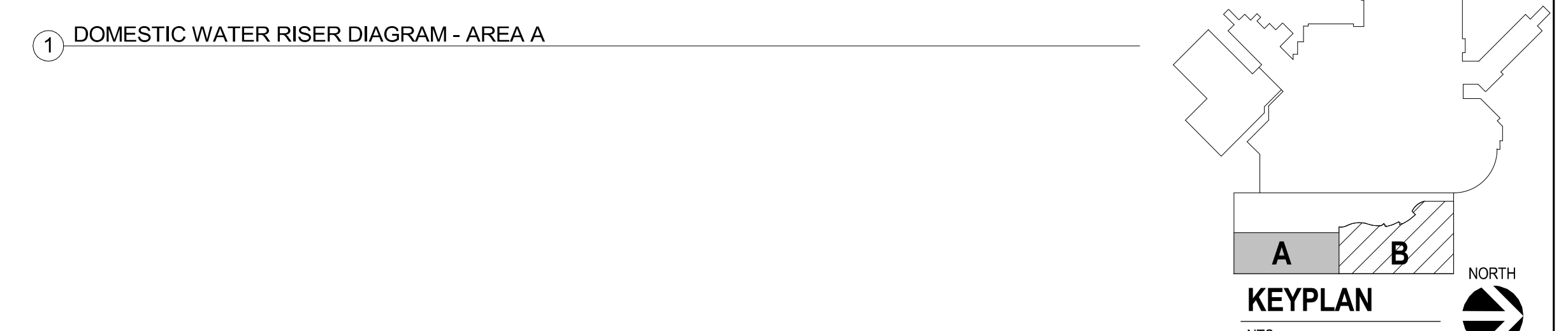
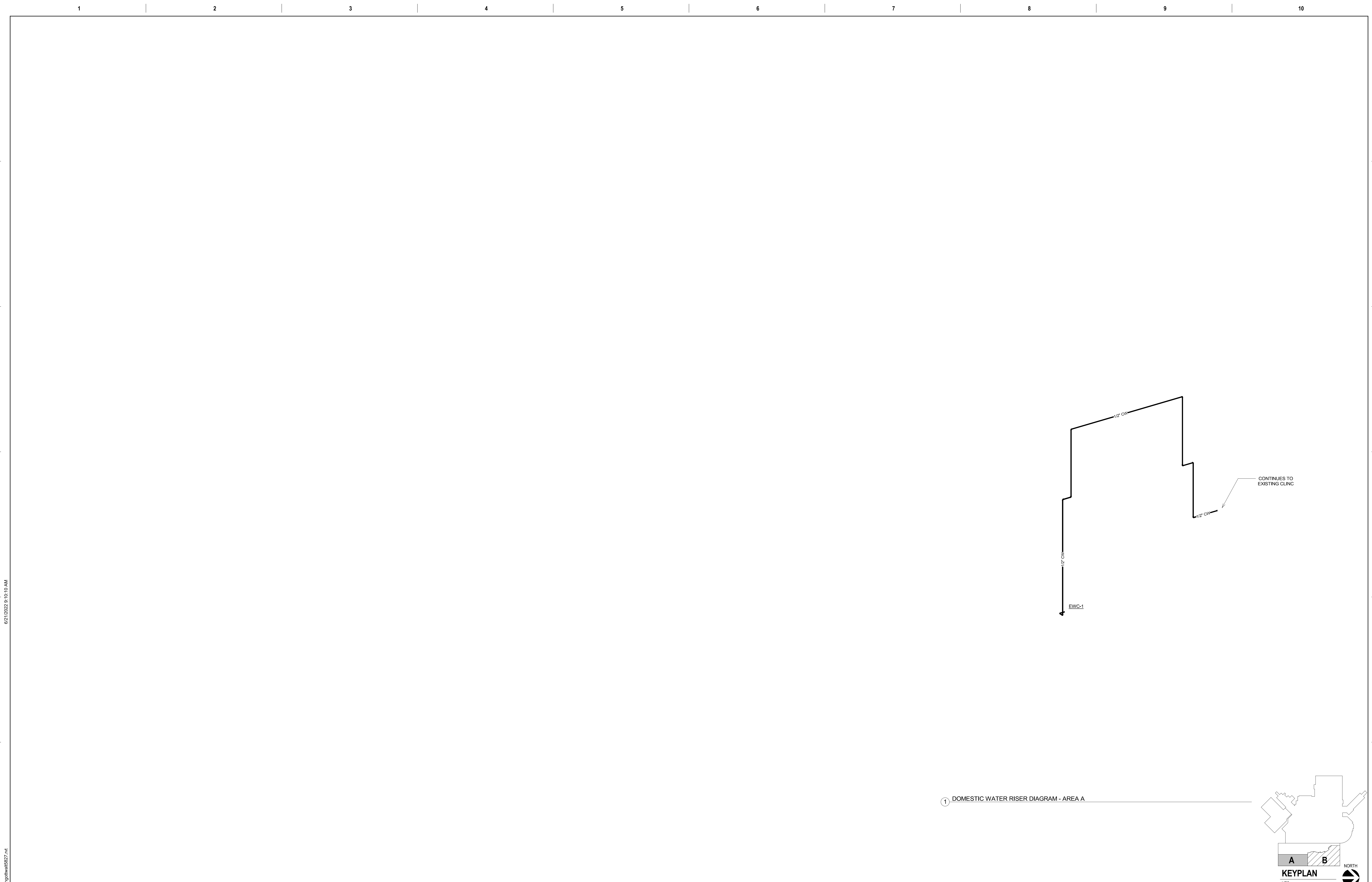
**Project Number**  
VA #438-480  
SGA #201909

**Building Number**  
5

**Drawing Number**  
P300



one eighth inch = one foot  
 one quarter inch = one foot  
 three eighths inch = one foot  
 one half inch = one foot  
 three quarters inch = one foot  
 one inch = one foot  
 one and one half inches = one foot  
 three inches = one foot



Revision#	Description	Date:

**CONSULTANTS**

<b>ARCHITECTURAL:</b> B W B R	<b>STRUCTURAL:</b> ERA ERICKSEN ROAD ASSOCIATES 2250 UNIVERSITY AVE W SUITE 423-S ST. PAUL, MN 55112 PHONE: 651-223-3701	<b>MEP:</b> DUNHAM DUNHAM ASSOCIATES, INC. 50 SOUTH SIXTH ST SUITE 1100 ST. PAUL, MN 55402 PHONE: 612-465-7550 0421950-002-00	<b>CIVIL:</b> EVS 10025 VALLEY VIEW RD SUITE 140 EDEN PRARIE, MN 55344 PHONE: 952-646-0236	<b>LANDSCAPE:</b> CONFLUENCE 224 N MAIN AVE SUITE 201 SIOUX FALLS, SD 57104 PHONE: 605-339-1205
----------------------------------	--	--	---	--

**ARCHITECT OF RECORD**

**A/E:**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STAMP**

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

Drawing Title  
**DOMESTIC WATER RISER DIAGRAM - GROUND LEVEL AREA**

Approved: \_\_\_\_\_

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND PRIMARY CARE ADDITION**

Location  
**SIOUX FALLS, SOUTH DAKOTA**

Issue Date  
 06/22/2022

Checked  
 JRG

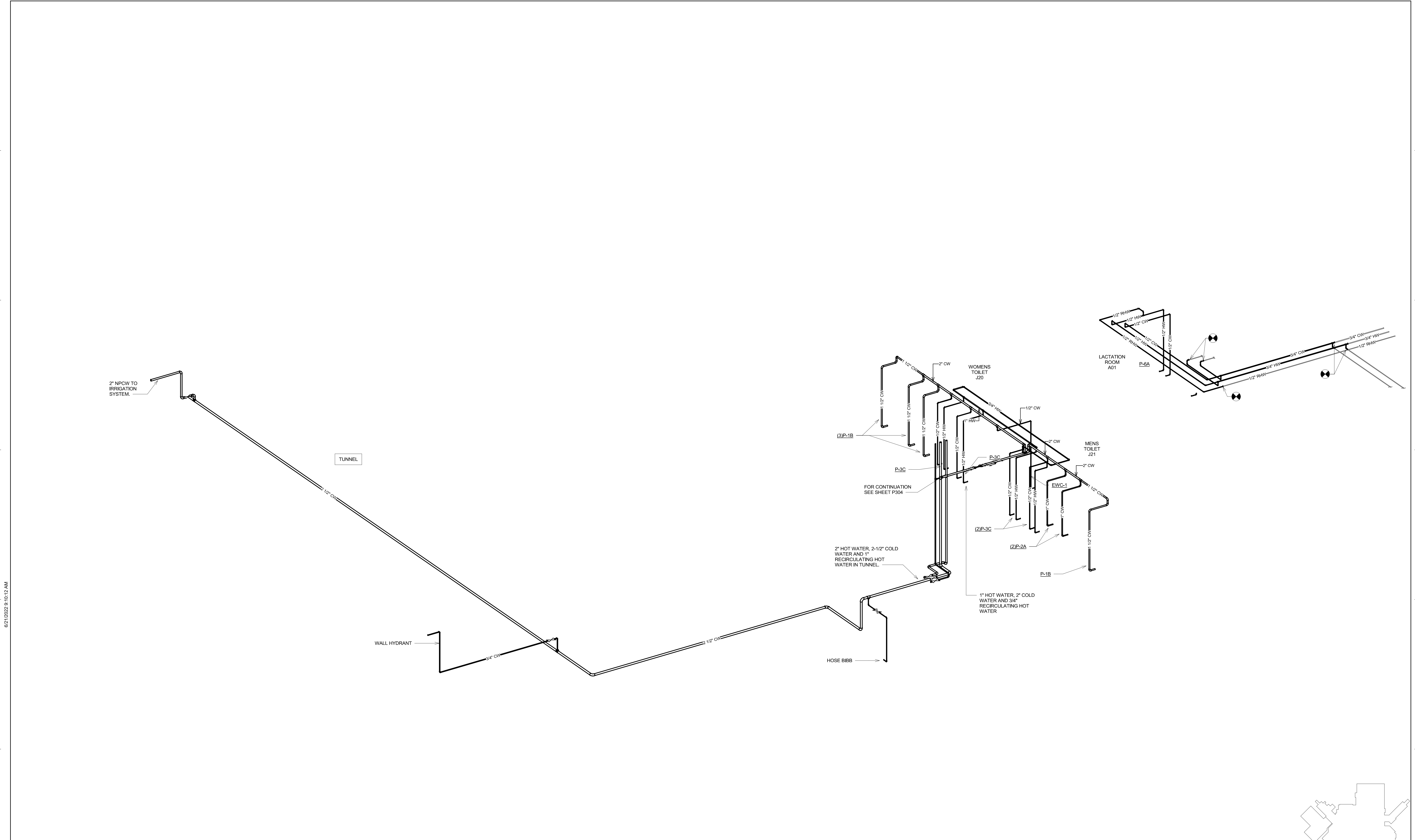
Drawn  
 TNH

Project Number  
 VA #438-480  
 SGA #201909

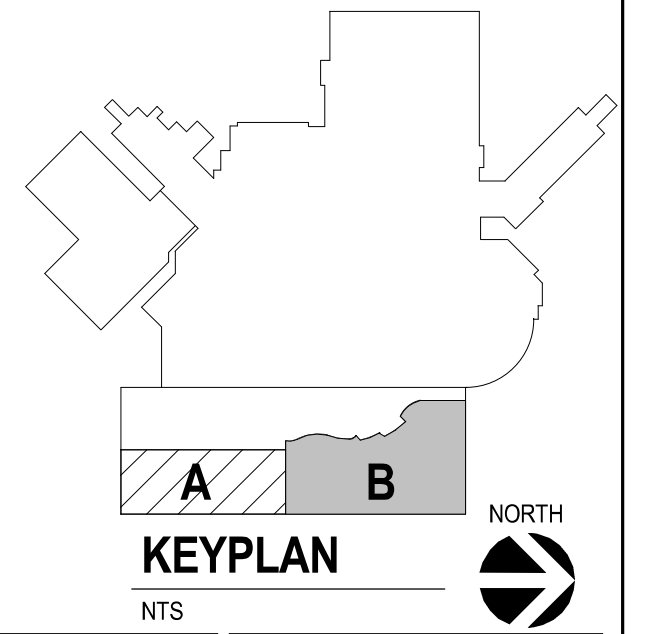
Building Number  
 5

Drawing Number  
**P302**

Three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



1 DOMESTIC WATER RISER DIAGRAM - AREA B



Revision#	Description	Date:

**CONSULTANTS**

**ARCHITECTURAL:** B|W|B R

**STRUCTURAL:** ERA STRUCTURAL ENGINEERING

**MEP:** DUNHAM

**CIVIL:** EVS

**LANDSCAPE:** CONFLUENCE

**BWBR:** 380 St. Peter St, Suite 600, St. Paul, MN 55102, Phone: 651-223-3701

**ERA:** 2250 University Ave W, Suite 423-S, St. Paul, MN 55402, Phone: 651-251-1770

**DUNHAM:** 50 South Sixth St, Suite 1100, Minneapolis, MN 55402, Phone: 612-465-7550

**EVS:** 10025 Valley View Rd, Suite 140, Eden Prairie, MN 55344, Phone: 952-446-4239

**CONFLUENCE:** 224 N Main Ave, Suite 201, Sioux Falls, SD 57104, Phone: 605-339-1205

**ARCHITECT OF RECORD**

**A/E:** Stone Group Architects, 600 E 7th Street, Sioux Falls, SD 57103, 605-271-1144

**STONE GROUP ARCHITECTS**

**STAMP**

REGISTERED PROFESSIONAL ENGINEER  
 14844  
 JASON R. GOTTWALT  
 SOUTH DAKOTA

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

Drawing Title: DOMESTIC WATER RISER DIAGRAM - GROUND LEVEL AREA

Approved: \_\_\_\_\_

Phase: CONSTRUCTION DOCUMENTS

Project Title: NEW FRONT LOBBY AND PRIMARY CARE ADDITION

Location: SIOUX FALLS, SOUTH DAKOTA

Issue Date: 06/22/2022

Checked: JRG

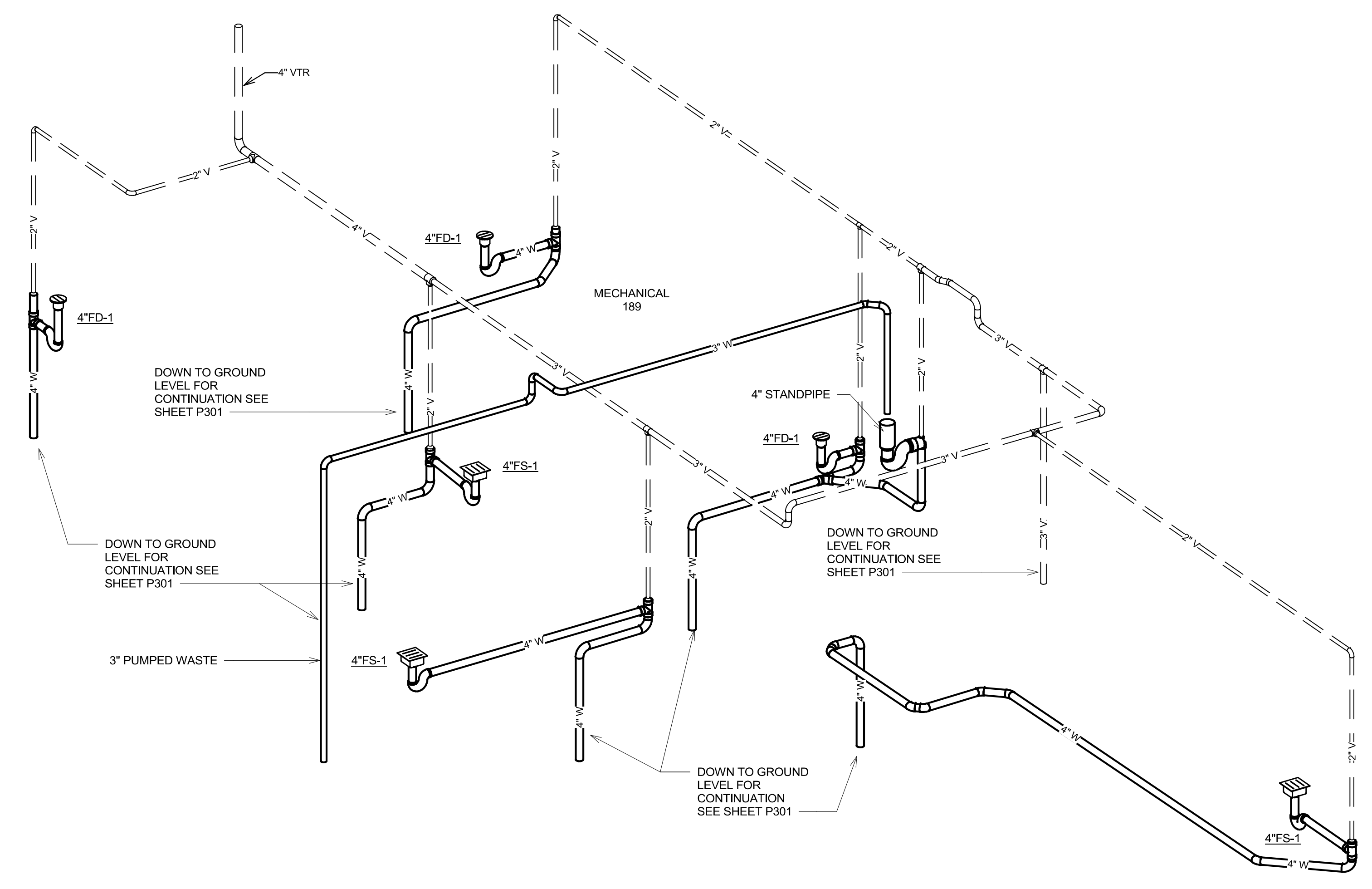
Drawn: TNH

Project Number: VA #438-480 SGA #201909

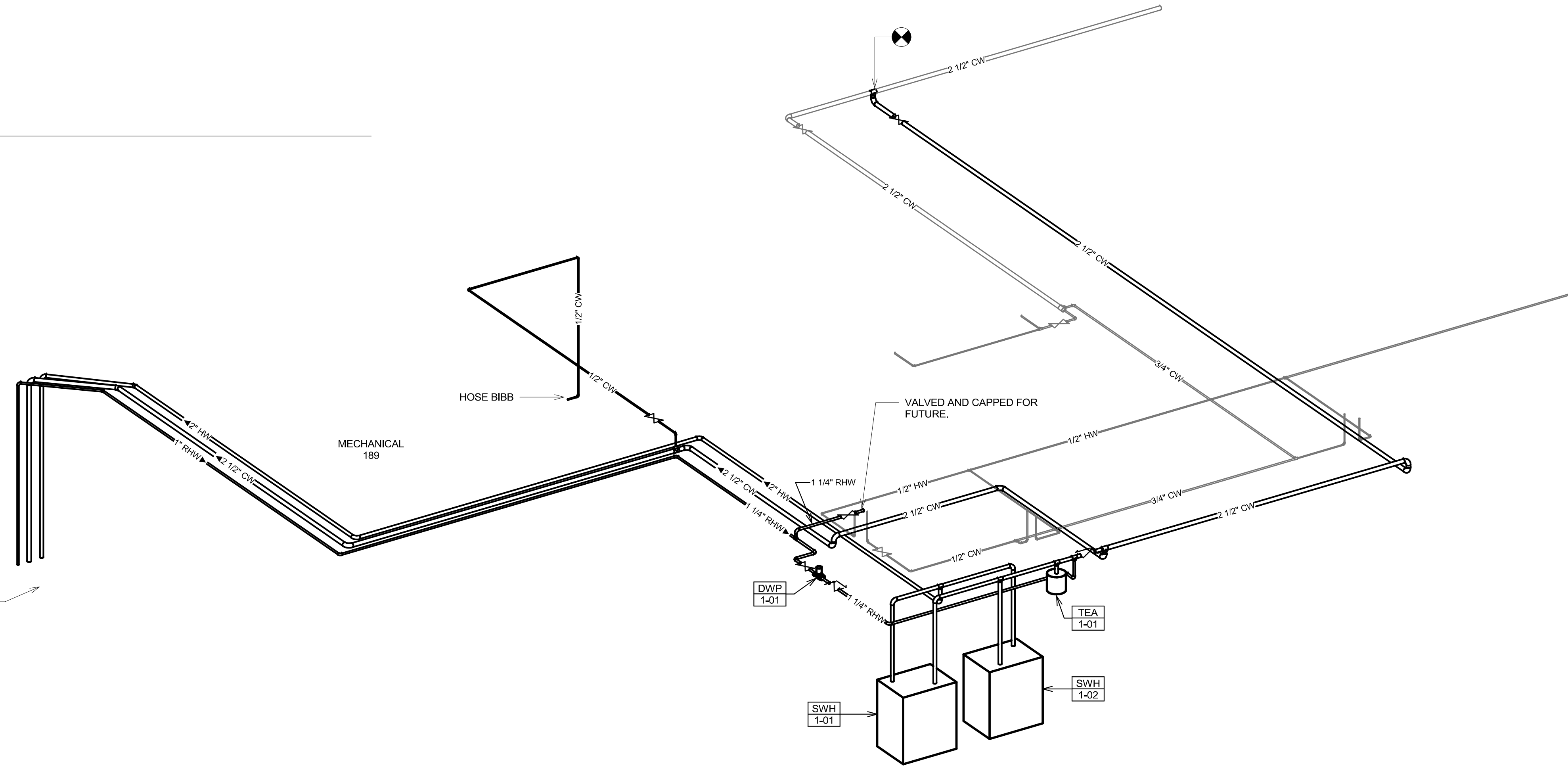
Building Number: 5

Drawing Number: P303

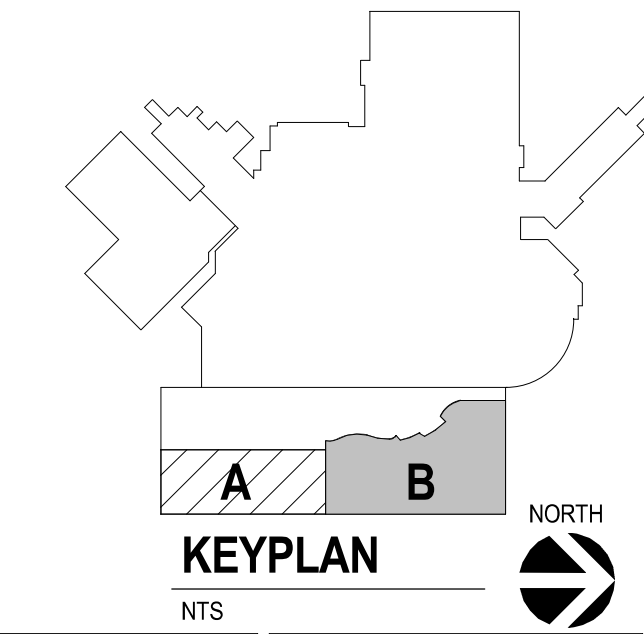
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1 WASTE AND VENT RISER DIAGRAM - FIRST FLOOR AREA B



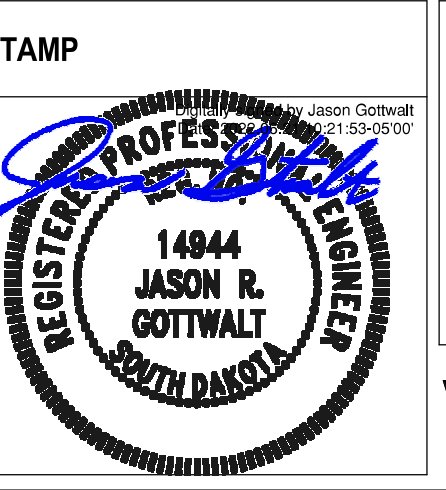
2 DOMESTIC WATER RISER DIAGRAM - FIRST FLOOR AREA B



Revision table with columns for Revision#, Description, and Date.

CONSULTANTS section listing architectural, structural, MEP, civil, and landscape firms: BWR, ERA, Dunham, EVS, and Confluence.

ARCHITECT OF RECORD section for Stone Group Architects, 600 E 7th Street, Sioux Falls, SD 57103, 605-271-1144.



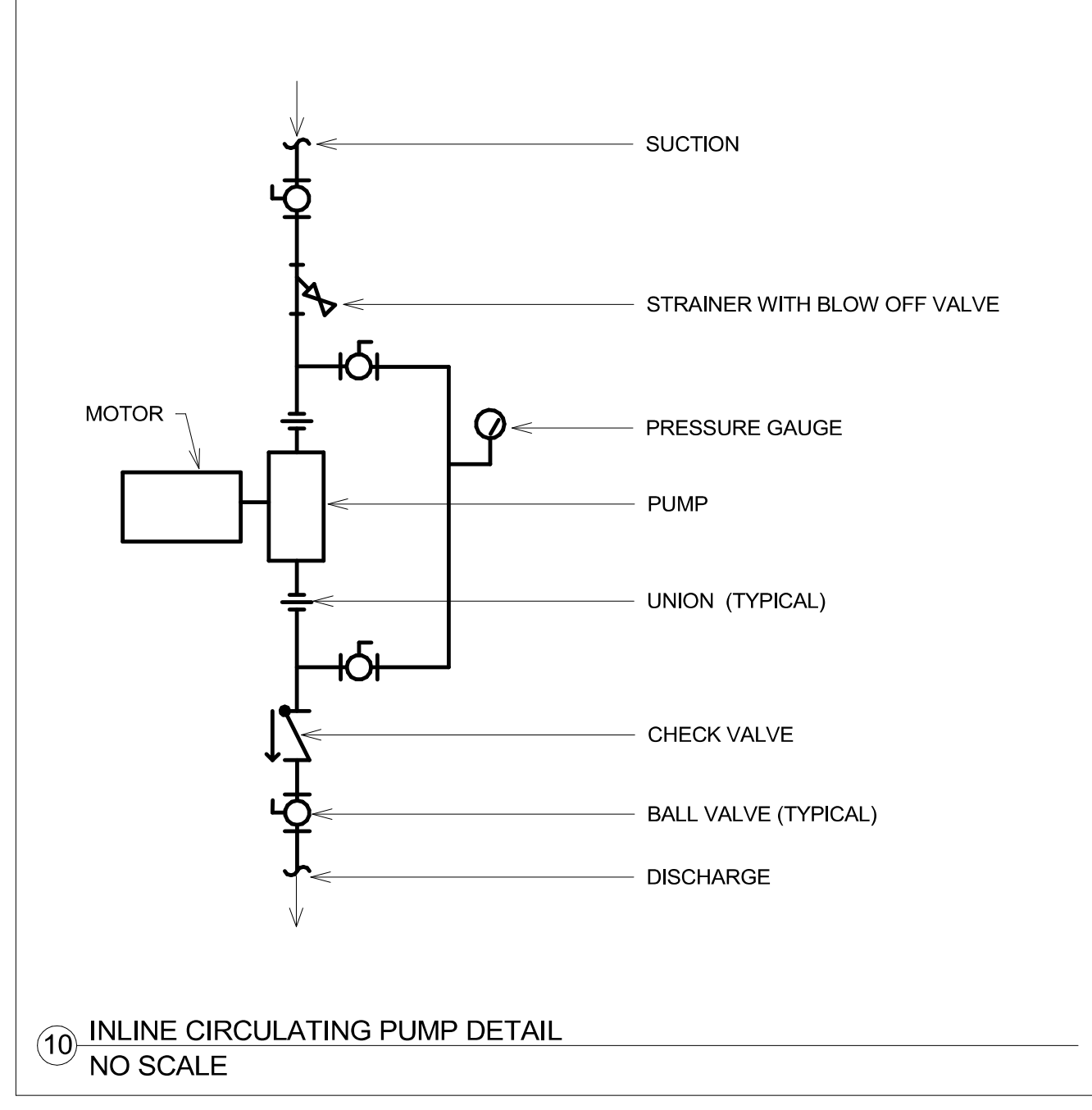
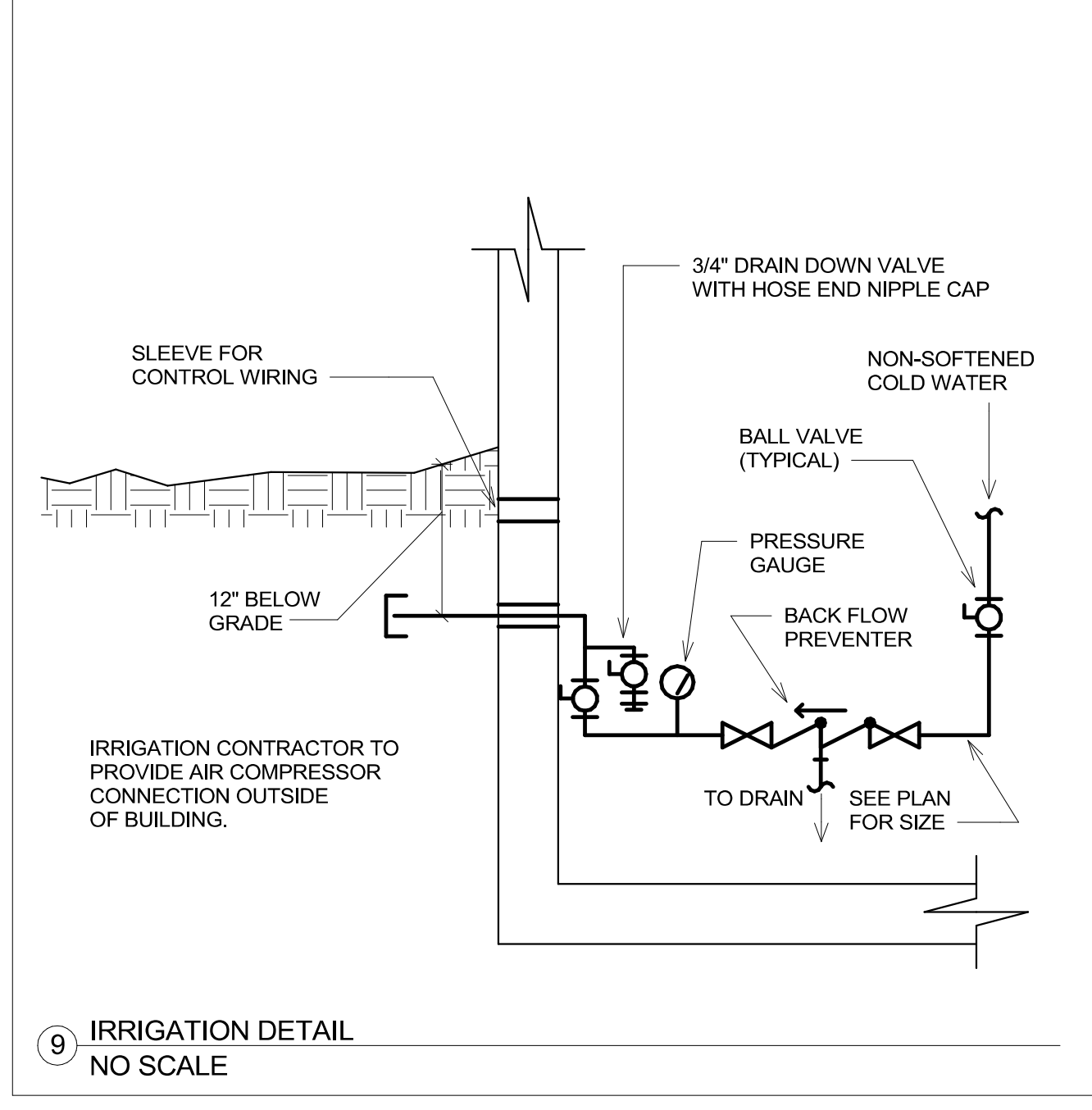
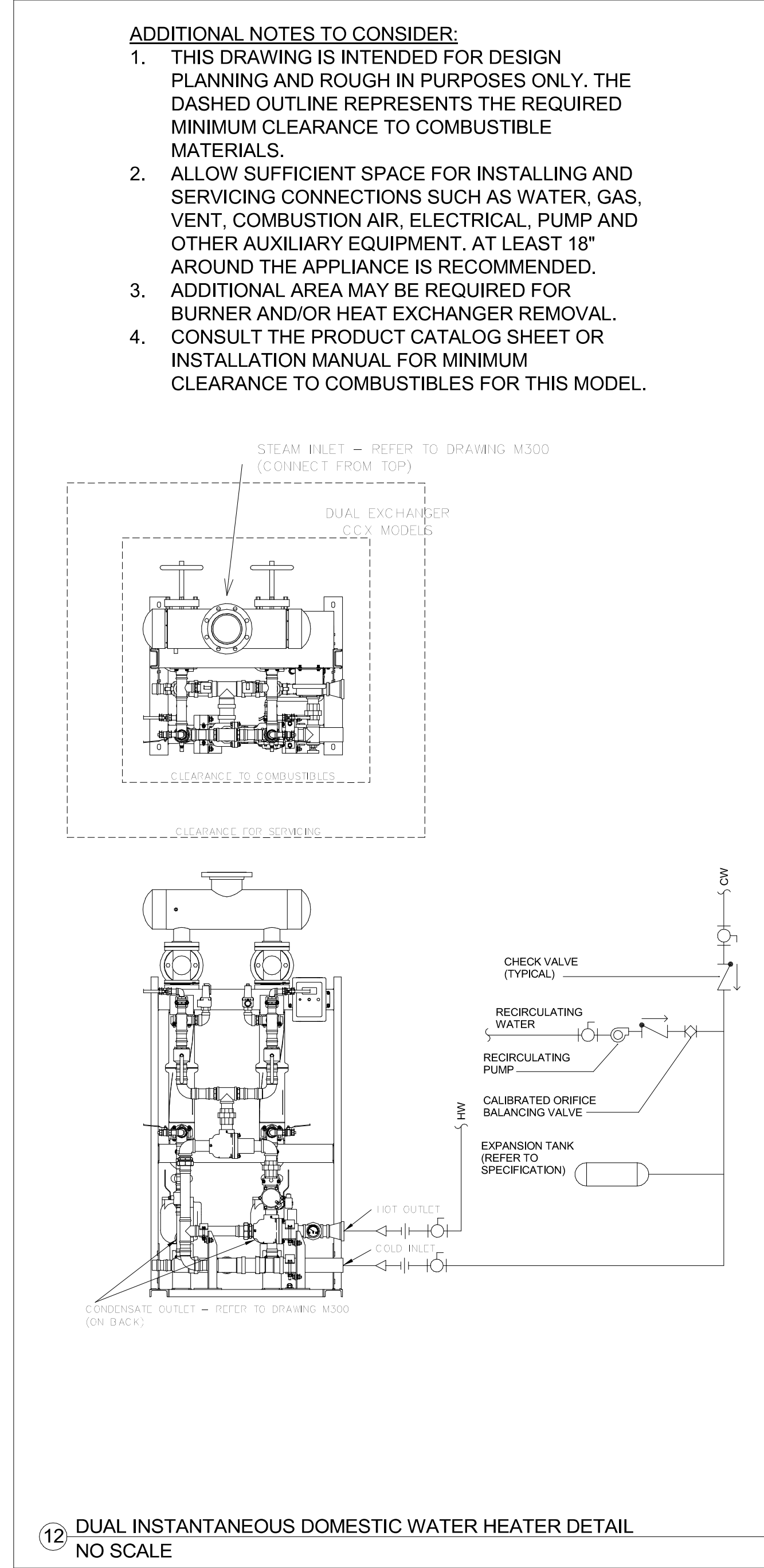
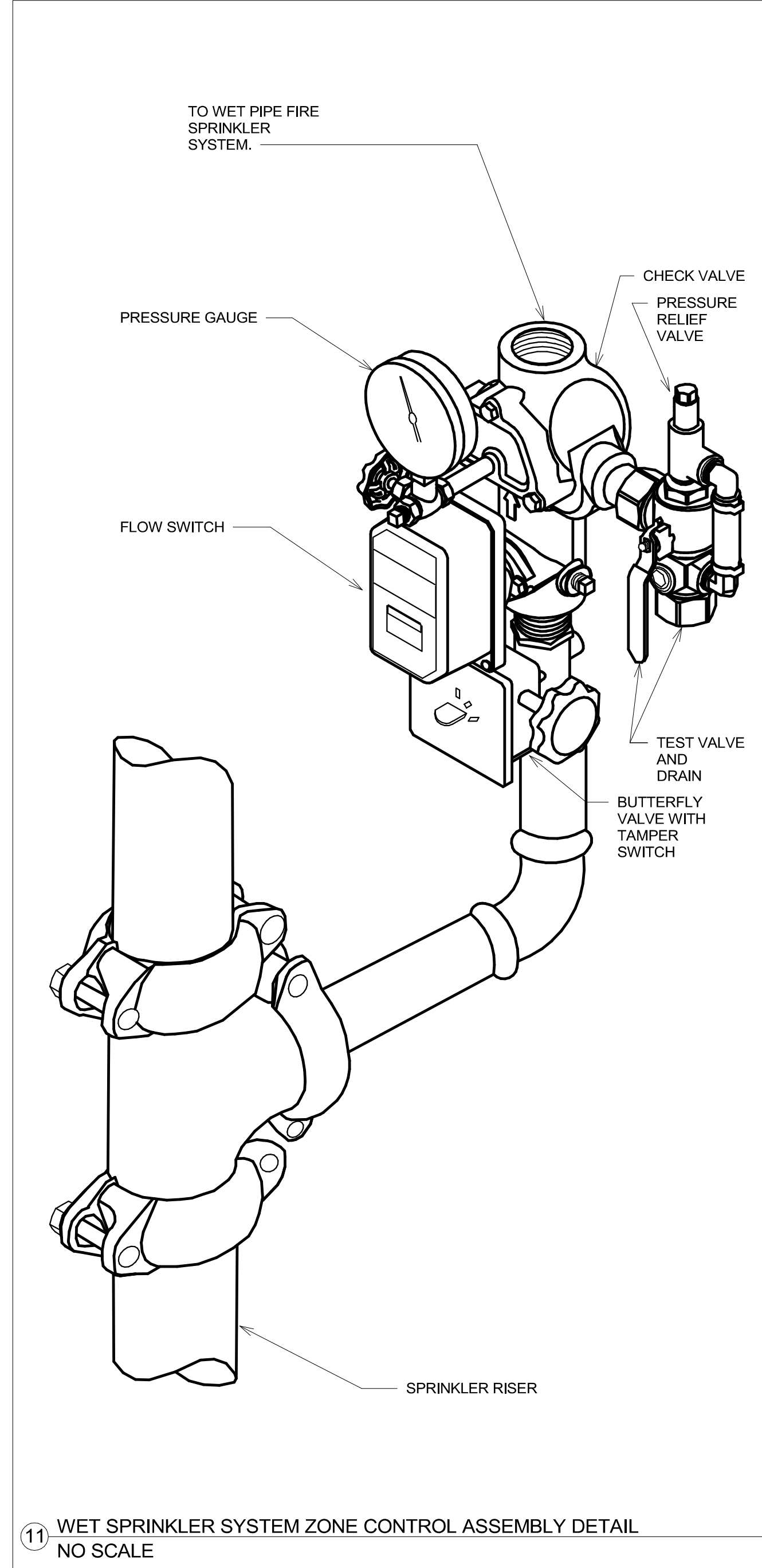
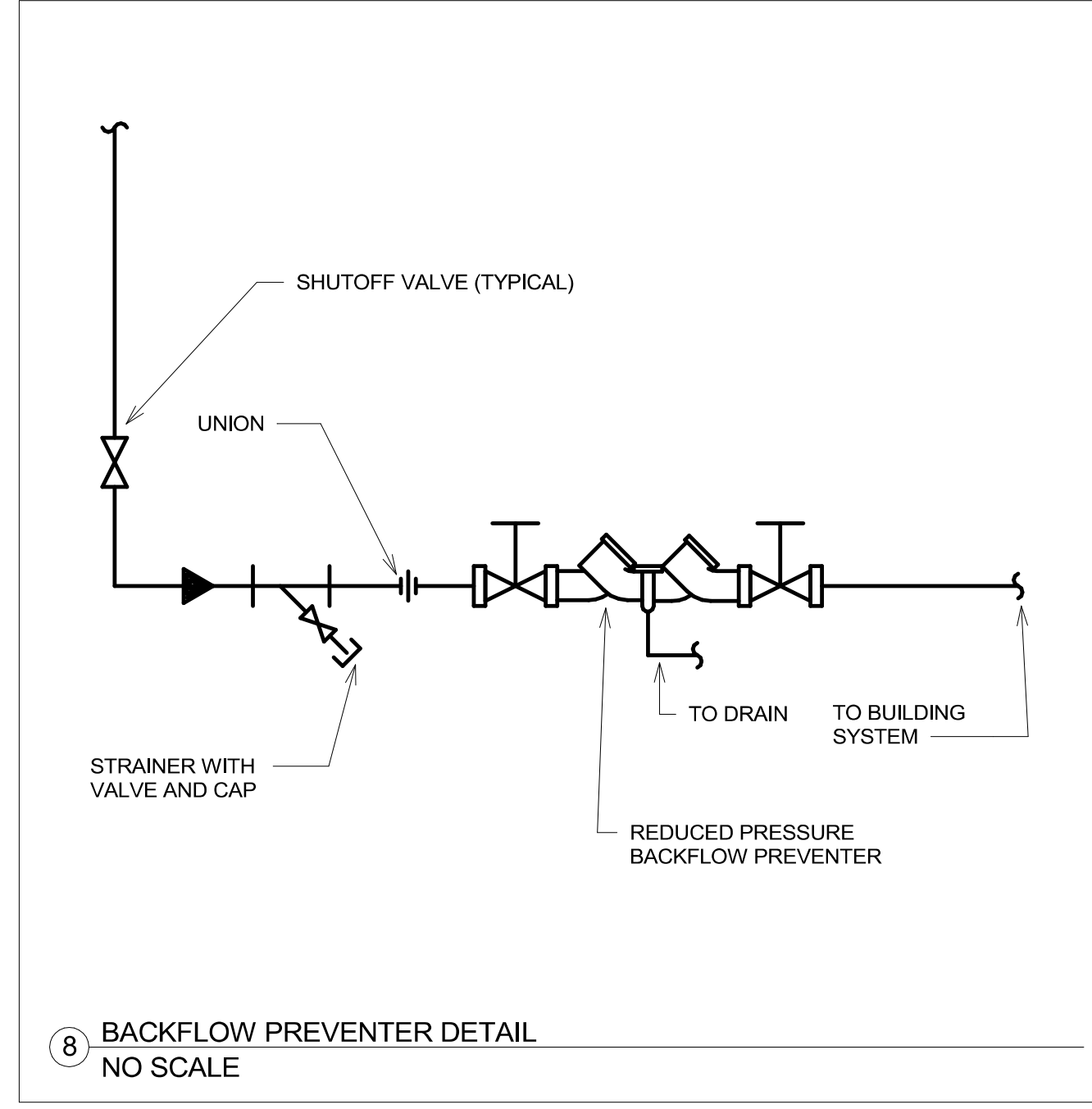
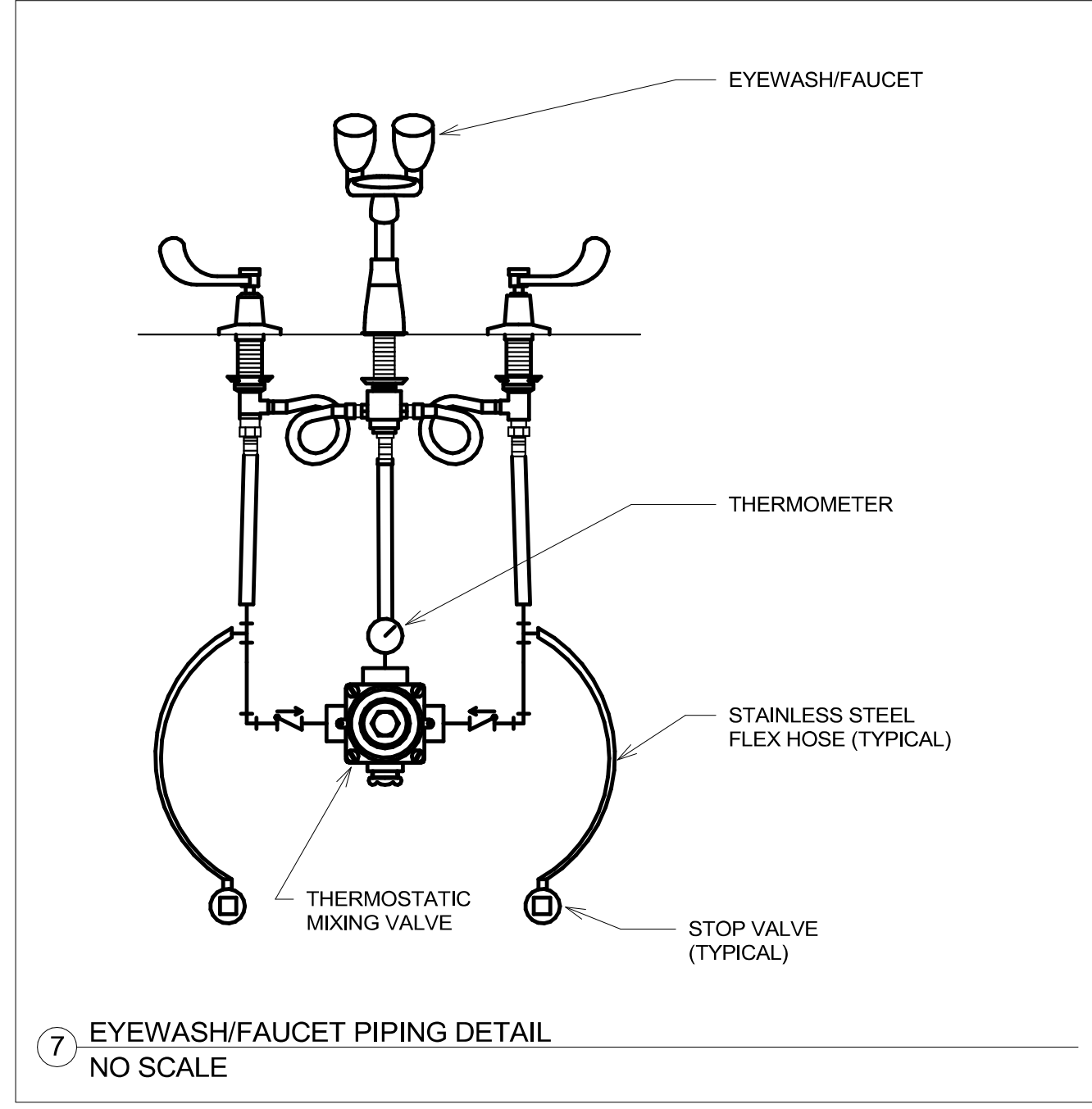
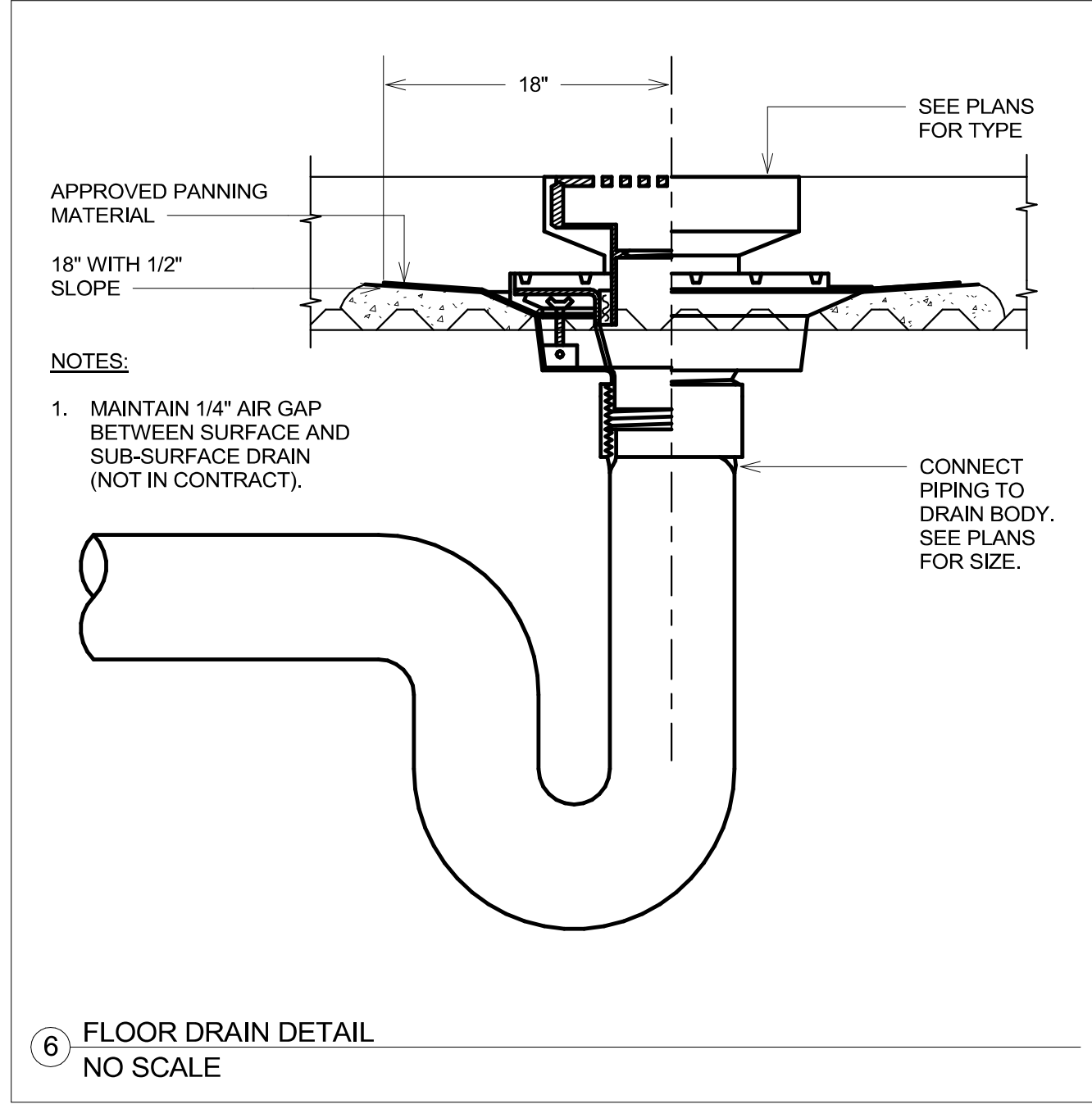
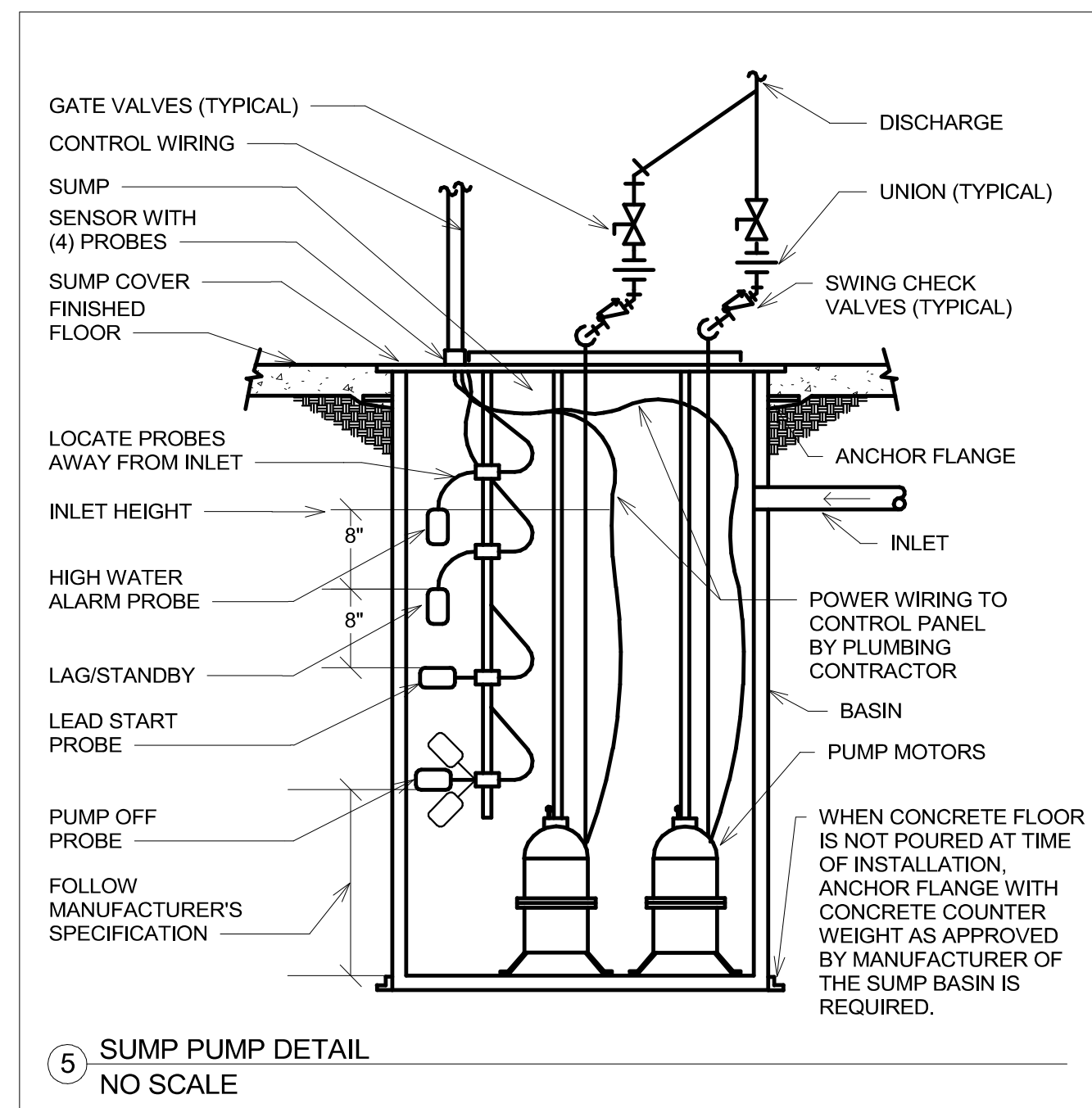
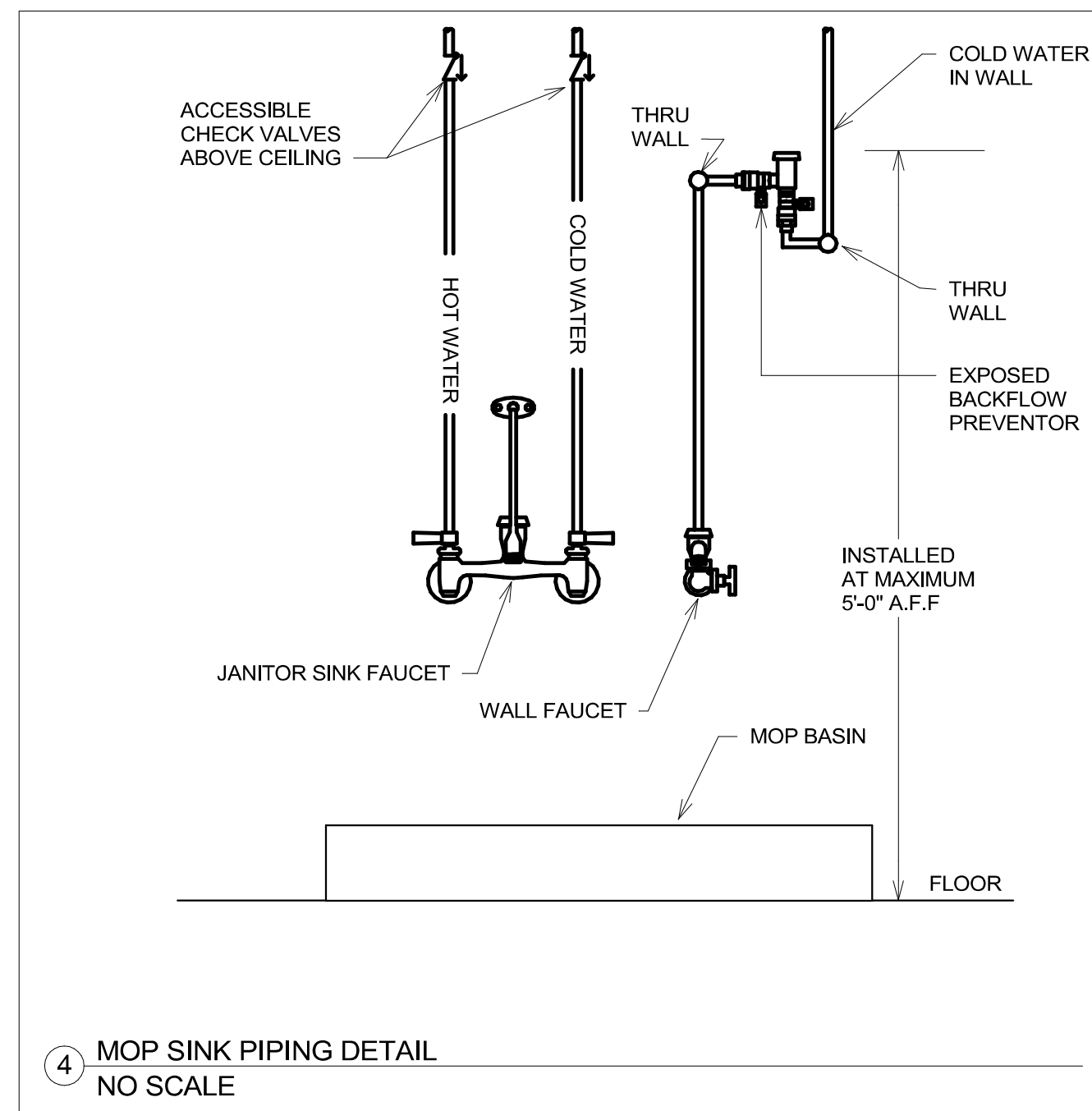
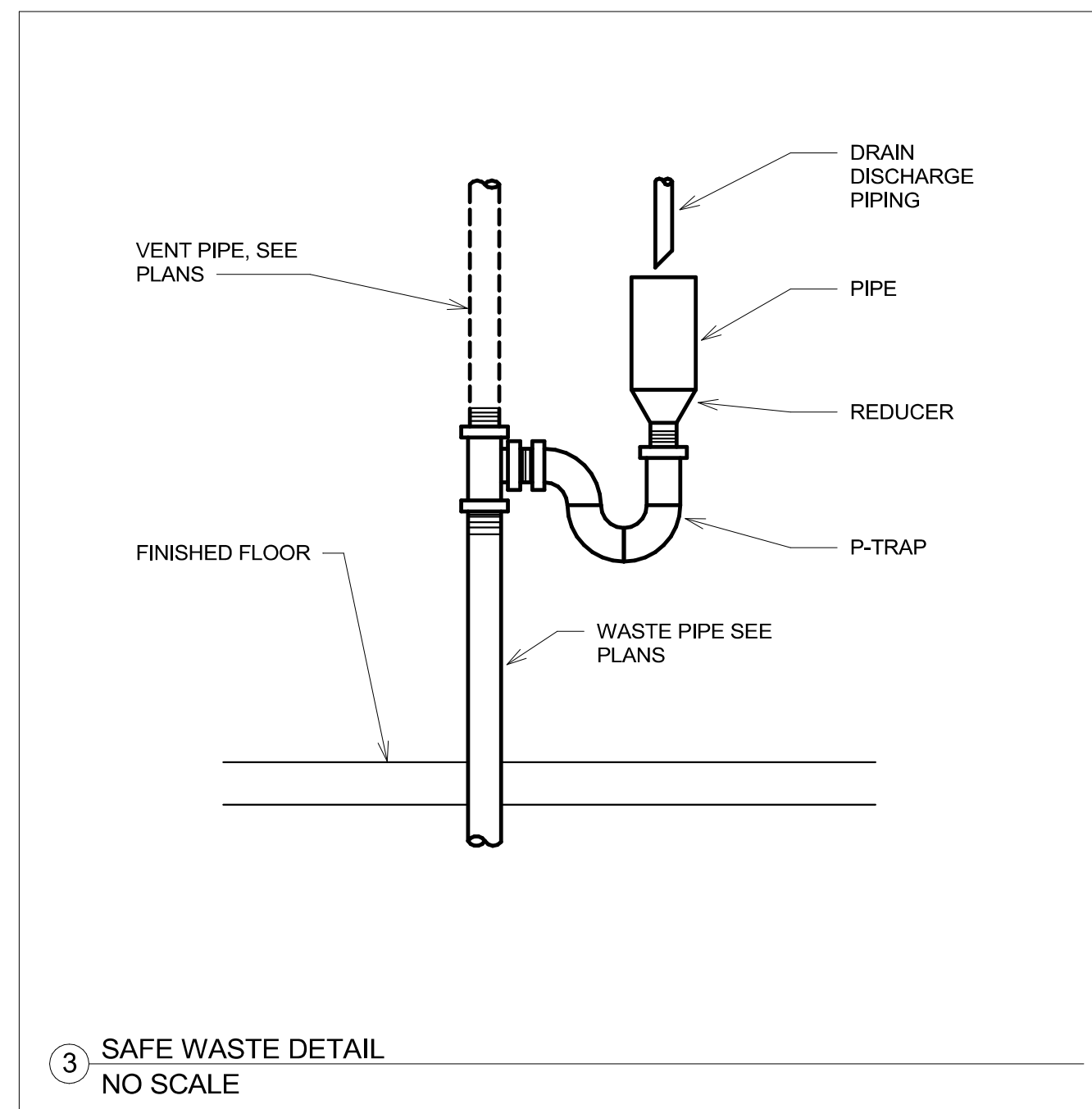
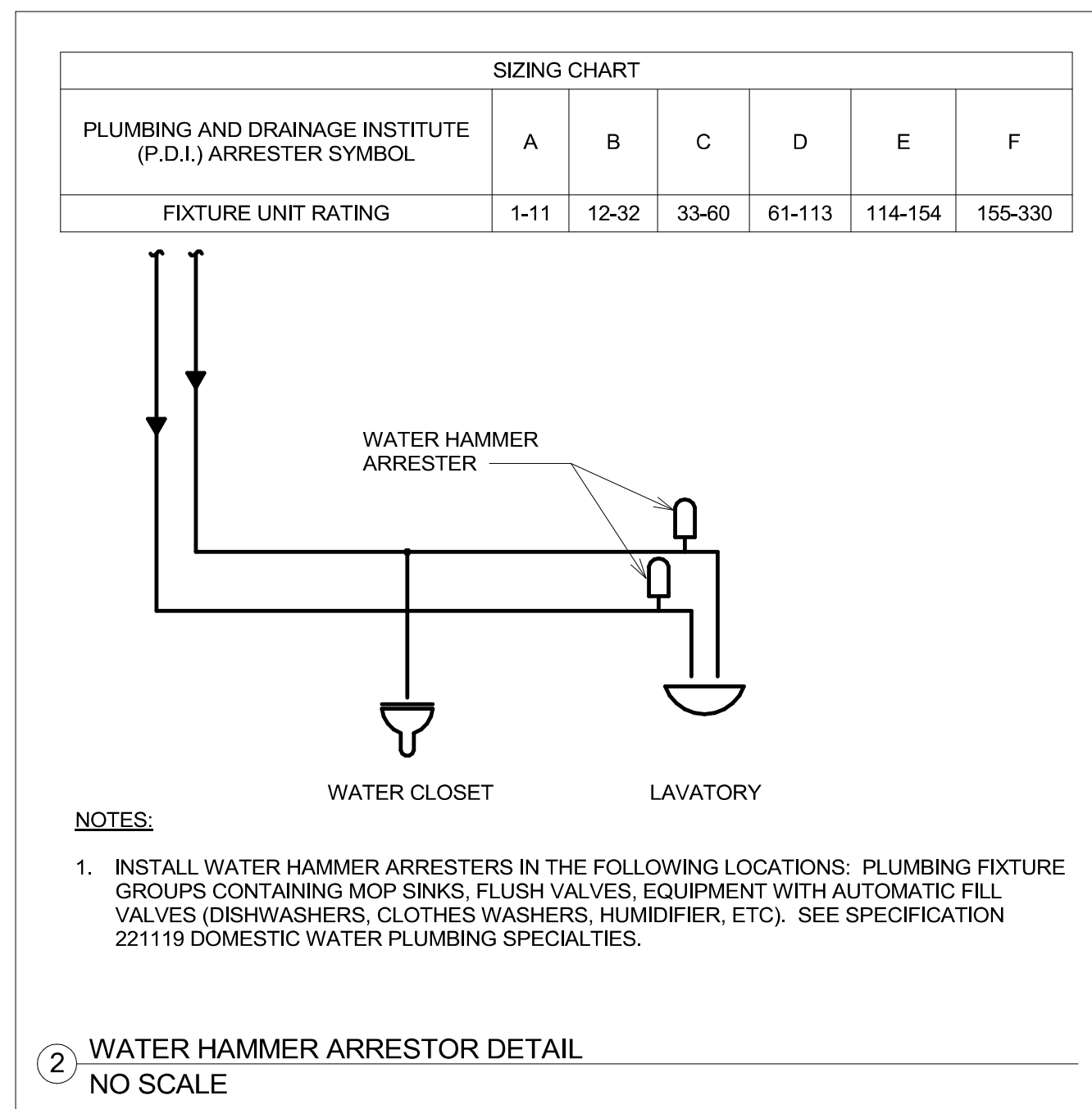
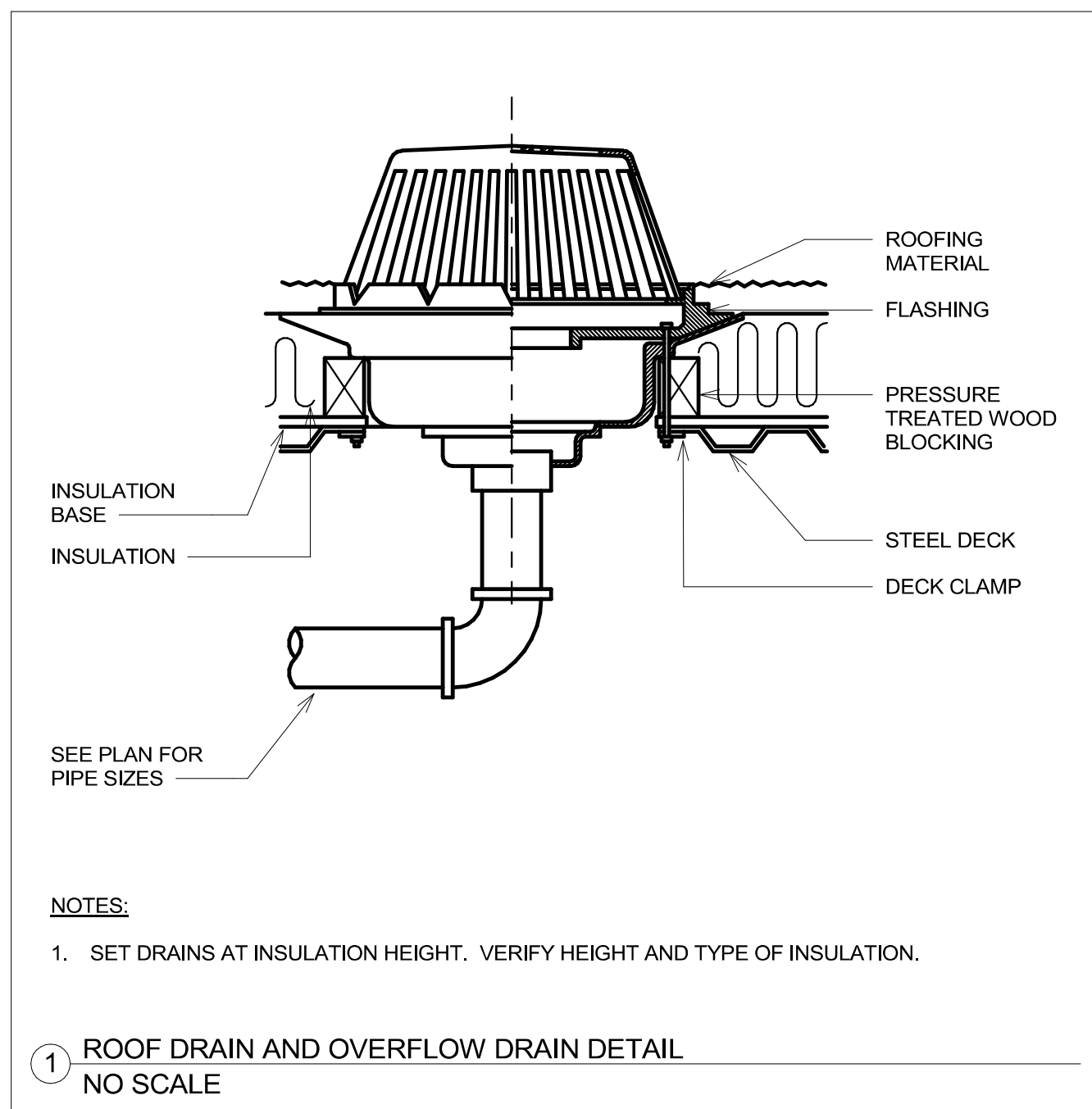
Office of Construction and Facilities Management, U.S. Department of Veterans Affairs.

Drawing Title: PLUMBING RISERS - FIRST FLOOR AREA B. Includes an approved signature line.

Phase: CONSTRUCTION DOCUMENTS.

Project Title: NEW FRONT LOBBY AND PRIMARY CARE ADDITION. Location: SIOUX FALLS, SOUTH DAKOTA. Issue Date: 06/22/2022. Checked by: JRG. Drawn by: TNH.

Project Number: VA #438-480, SGA #201909. Building Number: 5. Drawing Number: P304.



**ADDITIONAL NOTES TO CONSIDER:**

- THIS DRAWING IS INTENDED FOR DESIGN PLANNING AND ROUGH IN PURPOSES ONLY. THE DASHED OUTLINE REPRESENTS THE REQUIRED MINIMUM CLEARANCE TO COMBUSTIBLE MATERIALS.
- ALLOW SUFFICIENT SPACE FOR INSTALLING AND SERVICING CONNECTIONS SUCH AS WATER, GAS, VENT, COMBUSTION AIR, ELECTRICAL, PUMP AND OTHER AUXILIARY EQUIPMENT. AT LEAST 18" AROUND THE APPLIANCE IS RECOMMENDED.
- ADDITIONAL AREA MAY BE REQUIRED FOR BURNER AND/OR HEAT EXCHANGER REMOVAL.
- CONSULT THE PRODUCT CATALOG SHEET OR INSTALLATION MANUAL FOR MINIMUM CLEARANCE TO COMBUSTIBLES FOR THIS MODEL.

Three inches = one foot  
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one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot

6/21/2022 9:10:18 AM  
C:\Revit\Projects\M - Lobby Central\_R201\_jason@ghwallace27.rvt

Revision#	Description	Date:

**CONSULTANTS**

ARCHITECTURAL: **BWB**  
380 St. Peter St  
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MEP: **DUNHAM**  
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Suite 1100  
Minneapolis, MN 55402  
Phone: 612-685-7550  
0421959-002-00

CIVIL: **EVS**  
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Eden Prairie, MN 55344  
Phone: 952-646-4239

LANDSCAPE: **CONFLUENCE**  
524 N Main Ave  
Suite 201  
Sioux Falls, SD 57104  
Phone: 605-339-1205

**ARCHITECT OF RECORD**

**A/E**  
Stone Group Architects  
600 E 7th Street  
Sioux Falls, SD 57103  
605-271-1144

**STAMP**  
REGISTERED PROFESSIONAL ARCHITECT  
14844  
JASON R. GOTTLWALT  
SOUTH DAKOTA

**STONE GROUP ARCHITECTS**

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

Drawing Title  
**PLUMBING DETAILS**

Approved:

Phase  
**CONSTRUCTION DOCUMENTS**

Project Title  
**NEW FRONT LOBBY AND PRIMARY CARE ADDITION**

Location  
**SIOUX FALLS, SOUTH DAKOTA**

Issue Date  
06/22/2022

Checked  
JRG

Drawn  
TNH

Project Number  
VA #438-480  
SGA #201909

Building Number  
5

Drawing Number  
**P400**



PLUMBING FIXTURE SCHEDULE

MECHANICAL (224200, 224223, 224300)

Table with columns: FIXTURE TAG, FIXTURE DESCRIPTION, MOUNTING, ADA, FIXTURE, TRIM, STOP, TRAP, CARRIER, WASTE (IN), TRAP (IN), VENT (IN), CW (IN), HW (IN), MECHANICAL NOTES. Includes items like P-1B Water Closet, P-2A Urinal, P-3C Lavatory, P-6A Single Bowl Sink.

FLOOR DRAIN SCHEDULE

MECHANICAL (221319)

Table with columns: EQUIPMENT TAG, SIZE (IN), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes FD-1.

MECHANICAL NOTES: 1. REFER TO DRAWINGS FOR CONNECTION SIZE AND FULL TRAP BELOW GRADE. 2. ROUND NIKALY SUPER-FLO STRAINER (-A).

FLOOR SINK SCHEDULE

MECHANICAL (221319)

Table with columns: EQUIPMENT TAG, SIZE (IN), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes FS-1.

MECHANICAL NOTES: 1. REFER TO DRAWINGS FOR CONNECTION SIZE AND FULL TRAP BELOW GRADE. 2. 12" SQUARE, NICKEL BRONZE TOP, 1/2 GRATE (-3), SEDIMENT BUCKET (-31).

ROOF AND OVERFLOW DRAIN SCHEDULE

MECHANICAL (221423)

Table with columns: EQUIPMENT TAG, SIZE (IN), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes DN-1, ORD-1, RD-1, RD-2.

MECHANICAL NOTES: 1. PROVIDE DRAIN WITH 2" INTERNAL WATER DAM. 2. COORDINATE ROOF INSULATION DEPTH WITH ROOFING CONTRACTOR.

DOMESTIC WATER PUMP SCHEDULE

MECHANICAL (221123)

Table with columns: EQUIPMENT TAG, APPLICATION, TYPE, GPM, DISCHARGE HEAD (FT), NPSHR (FT), RPM, BHP, SUCTION SIZE (IN), DISCHARGE SIZE (IN), VFD (YES/NO), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes DWP 1-01.

GENERAL MECHANICAL NOTES: A. REFER TO ELECTRICAL SECTION BELOW FOR CALCULATED SHORT-CIRCUIT CURRENT AT EQUIPMENT. MECHANICAL NOTES:

ELECTRICAL

Table with columns: EQUIPMENT TAG, HP/LOAD, VOLTAGE, PHASE, CALCULATED AFC, TYPE, FURNISHED BY/INSTALLED BY, LOCATION, CTRL WIRE BY, AMPS/TYPE, FUSE SIZE (AMPS), NEMA TYPE, FURNISHED BY/INSTALLED BY, LOCATION, PANEL, CIRCUIT NUMBER, CONDUIT/FEEDER SIZE, ELECTRICAL NOTES. Includes DWP 1-01.

GENERAL ELECTRICAL NOTES: A. WHEN THE CONTROLLER TYPE IS A VFD OR MAGNETIC STARTER, REFER TO THE VARIABLE FREQUENCY DRIVE CONTROLLER SCHEDULE OR THE MAGNETIC STARTER SCHEDULE FOR MORE INFORMATION. B. MECHANICAL EQUIPMENT AND CORRESPONDING ELECTRICAL DISCONNECTS/CONTROLLERS SHALL HAVE A STANDARD SHORT-CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN IN THIS SCHEDULE, DETAILED BY THE "CALCULATED AFC" COLUMN. CONTROLLER TYPES: VFD - VARIABLE FREQUENCY MOTOR CONTROLLER, MMS - MANUAL MOTOR STARTER (WITH OVERLOADS), CP - CONTROL PANEL, MAGS - MAGNETIC STARTER, MRS/MS - MOTOR RATED SWITCH (WITHOUT OVERLOADS).

THERMAL EXPANSION ABSORBER SCHEDULE

MECHANICAL (223300, 223400)

Table with columns: EQUIPMENT TAG, APPLICATION, TYPE, TANK VOLUME (GAL), ACCEPTANCE VOLUME (GAL), PRECHARGE PRESSURE (PSIG), ASME CERTIFIED (YES/NO), SIZE DIAMETER (IN), LENGTH (IN), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes TEA 1-01.

MECHANICAL NOTES:

WATER HEATER SCHEDULE - STEAM - SEMI-INSTANTANEOUS

MECHANICAL (223500)

Table with columns: EQUIPMENT TAG, APPLICATION, STORAGE CAPACITY (GAL), RECOVERY RATE (GPH), TEMPERATURE RISE (F), PRESSURE BEFORE CONTROL VALVE (PSIG), CONTROL VALVE AT BUNDLE (PSIG), STEAM PRESSURE, STEAM CAPACITY (LBS/HR), DOUBLE WALL HEAT EXCHANGER (YES/NO), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes SWH 1-01, SWH 1-02.

GENERAL MECHANICAL NOTES: A. REFER TO ELECTRICAL SECTION BELOW FOR CALCULATED SHORT-CIRCUIT CURRENT AT EQUIPMENT. MECHANICAL NOTES:

ELECTRICAL

Table with columns: EQUIPMENT TAG, HP/LOAD, VOLTAGE, PHASE, CALCULATED AFC, TYPE, FURNISHED BY/INSTALLED BY, LOCATION, CTRL WIRE BY, AMPS/TYPE, FUSE SIZE (AMPS), NEMA TYPE, FURNISHED BY/INSTALLED BY, LOCATION, PANEL, CIRCUIT NUMBER, CONDUIT/FEEDER SIZE, ELECTRICAL NOTES. Includes SWH 1-01, SWH 1-02.

GENERAL ELECTRICAL NOTES: A. WHEN THE CONTROLLER TYPE IS A VFD OR MAGNETIC STARTER, REFER TO THE VARIABLE FREQUENCY DRIVE CONTROLLER SCHEDULE OR THE MAGNETIC STARTER SCHEDULE FOR MORE INFORMATION. B. MECHANICAL EQUIPMENT AND CORRESPONDING ELECTRICAL DISCONNECTS/CONTROLLERS SHALL HAVE A STANDARD SHORT-CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN IN THIS SCHEDULE, DETAILED BY THE "CALCULATED AFC" COLUMN. CONTROLLER TYPES: MMS - MANUAL MOTOR STARTER (WITH OVERLOADS), CP - CONTROL PANEL, MAGS - MAGNETIC STARTER, MRS/MS - MOTOR RATED SWITCH (WITHOUT OVERLOADS).

SUMP PUMP SCHEDULE

MECHANICAL (221429)

Table with columns: EQUIPMENT TAG, APPLICATION, TYPE, GPM, DISCHARGE HEAD (FT), NUMBER OF PUMPS, MOTOR RPM (EACH), DIAMETER (IN), DEPTH (IN), MANUFACTURER, MODEL NUMBER, MECHANICAL NOTES. Includes SP 1-01, SP 1-02.

GENERAL MECHANICAL NOTES: A. REFER TO ELECTRICAL SECTION BELOW FOR CALCULATED SHORT-CIRCUIT CURRENT AT EQUIPMENT. MECHANICAL NOTES: 1. CONNECT HIGH WATER ALARMS TO BULIDN AUTOMATION SYSTEM.

ELECTRICAL

Table with columns: EQUIPMENT TAG, HP/LOAD, VOLTAGE, PHASE, CALCULATED AFC, TYPE, FURNISHED BY/INSTALLED BY, LOCATION, CTRL WIRE BY, AMPS/TYPE, FUSE SIZE (AMPS), NEMA TYPE, FURNISHED BY/INSTALLED BY, LOCATION, PANEL, CIRCUIT NUMBER, CONDUIT/FEEDER SIZE, ELECTRICAL NOTES. Includes SP 1-02.

GENERAL ELECTRICAL NOTES: A. WHEN THE CONTROLLER TYPE IS A VFD OR MAGNETIC STARTER, REFER TO THE VARIABLE FREQUENCY DRIVE CONTROLLER SCHEDULE OR THE MAGNETIC STARTER SCHEDULE FOR MORE INFORMATION. B. MECHANICAL EQUIPMENT AND CORRESPONDING ELECTRICAL DISCONNECTS/CONTROLLERS SHALL HAVE A STANDARD SHORT-CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN IN THIS SCHEDULE, DETAILED BY THE "CALCULATED AFC" COLUMN. CONTROLLER TYPES: MMS - MANUAL MOTOR STARTER (WITH OVERLOADS), CP - CONTROL PANEL, MAGS - MAGNETIC STARTER, MRS/MS - MOTOR RATED SWITCH (WITHOUT OVERLOADS). ELECTRICAL NOTES: 1. PROVIDE CONNECTION TO DUPLEX PUMPS.

ELECTRIC WATER COOLER SCHEDULE

MECHANICAL (224716)

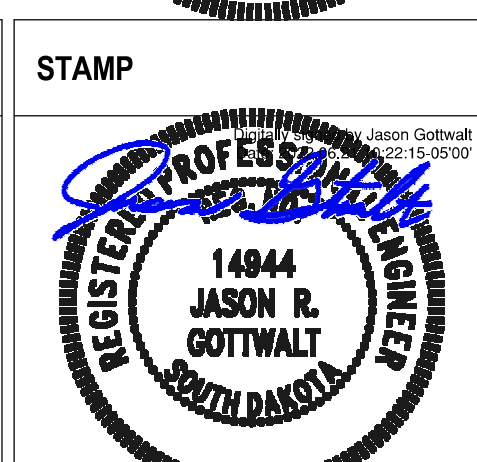
Table with columns: EQUIPMENT TAG, FIXTURE DESCRIPTION, MOUNTING, ADA, FIXTURE, STOP, TRAP, WASTE (IN), TRAP (IN), VENT (IN), CW (IN), MECHANICAL NOTES. Includes EWC-1.

MECHANICAL NOTES: 1. REFER TO ELECTRICAL PLANS FOR RECEPTACLE LOCATION. 2. BOTTLE FILLER TO HAVE TOUCH-LESS ELECTRONIC SENSOR ACTIVATION. 3. DUAL-LEVEL WATER COOLER SHALL COMPLY WITH ALL ADA COMPLIANCE AND HAVE ANTIMICROBIAL CONSTRUCTION. 4. PROVIDE ALL REQUIRED WALL BRACKETS AND ANCHORS FOR SECURE INSTALLATION PER MANUFACTURER RECOMMENDATIONS.

Table with columns: Revision#, Description, Date.

CONSULTANTS section listing ARCHITECTURAL (BWB), STRUCTURAL (ERA), MEP (DUNHAM), CIVIL (EVS), and LANDSCAPE (CONFLUENCE) with contact information.

ARCHITECT OF RECORD section listing Stone Group Architects, 600 E 7th Street, Sioux Falls, SD 57103, 605-271-1144.



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

Drawing Title: PLUMBING/ELECTRICAL SCHEDULES. Approved: [Signature]

Phase: CONSTRUCTION DOCUMENTS.

Project Title: NEW FRONT LOBBY AND PRIMARY CARE ADDITION. Project Number: VA #438-480 SGA #201909. Building Number: 5. Drawing Number: P500.