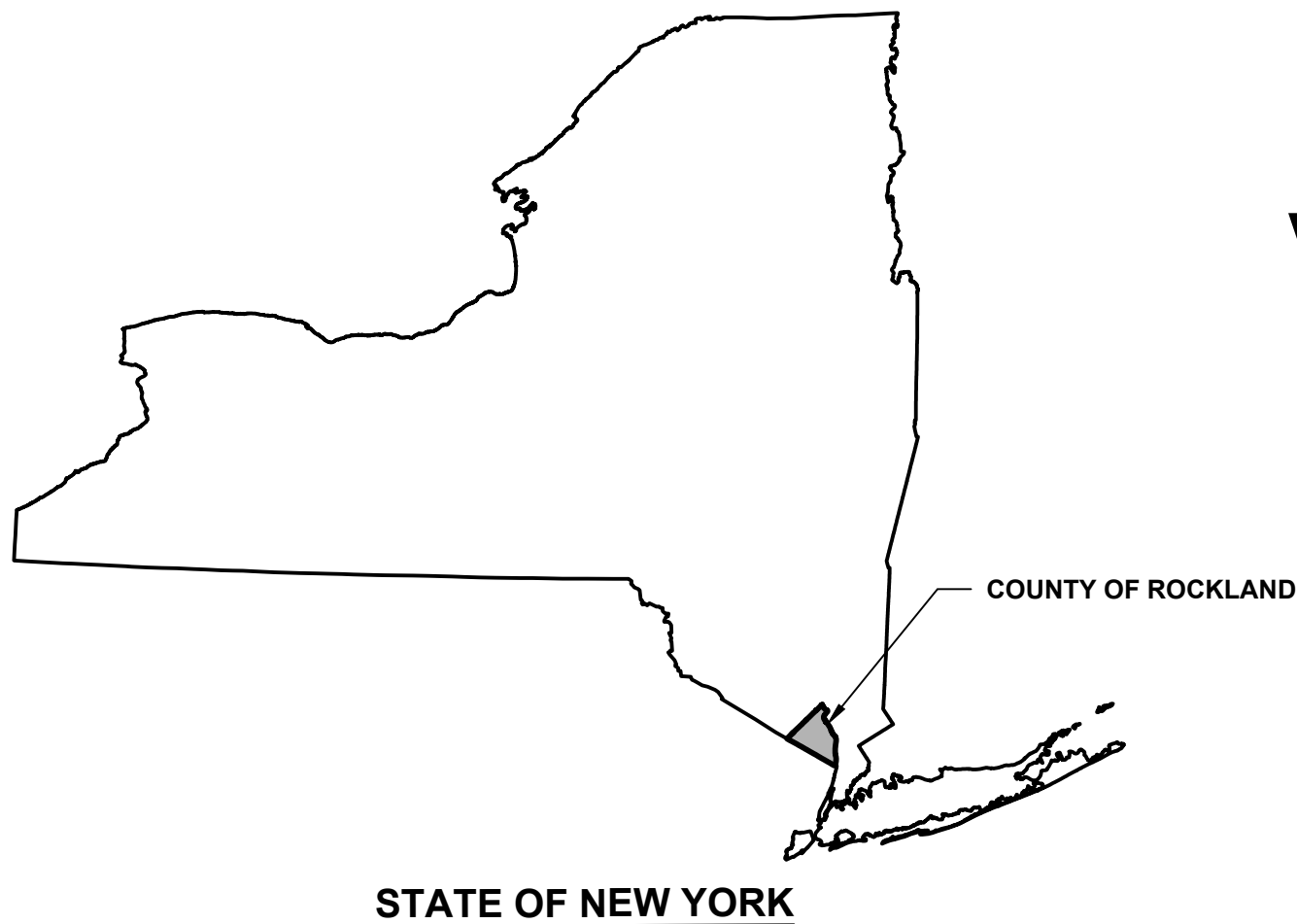


E:\SCE\Ramapo\12162.002\Sheets\12162.002 01 Cover Sheet.dwg Mon, Jun 21, 2021 - 8:57pm wschurmann SUBURBAN CONSULTING ENGINEERS, INC.

PRELIMINARY SITE PLAN FOR  
SUEZ WATER NY PFAS COMPLIANCE  
POMONA WELL NO. 38

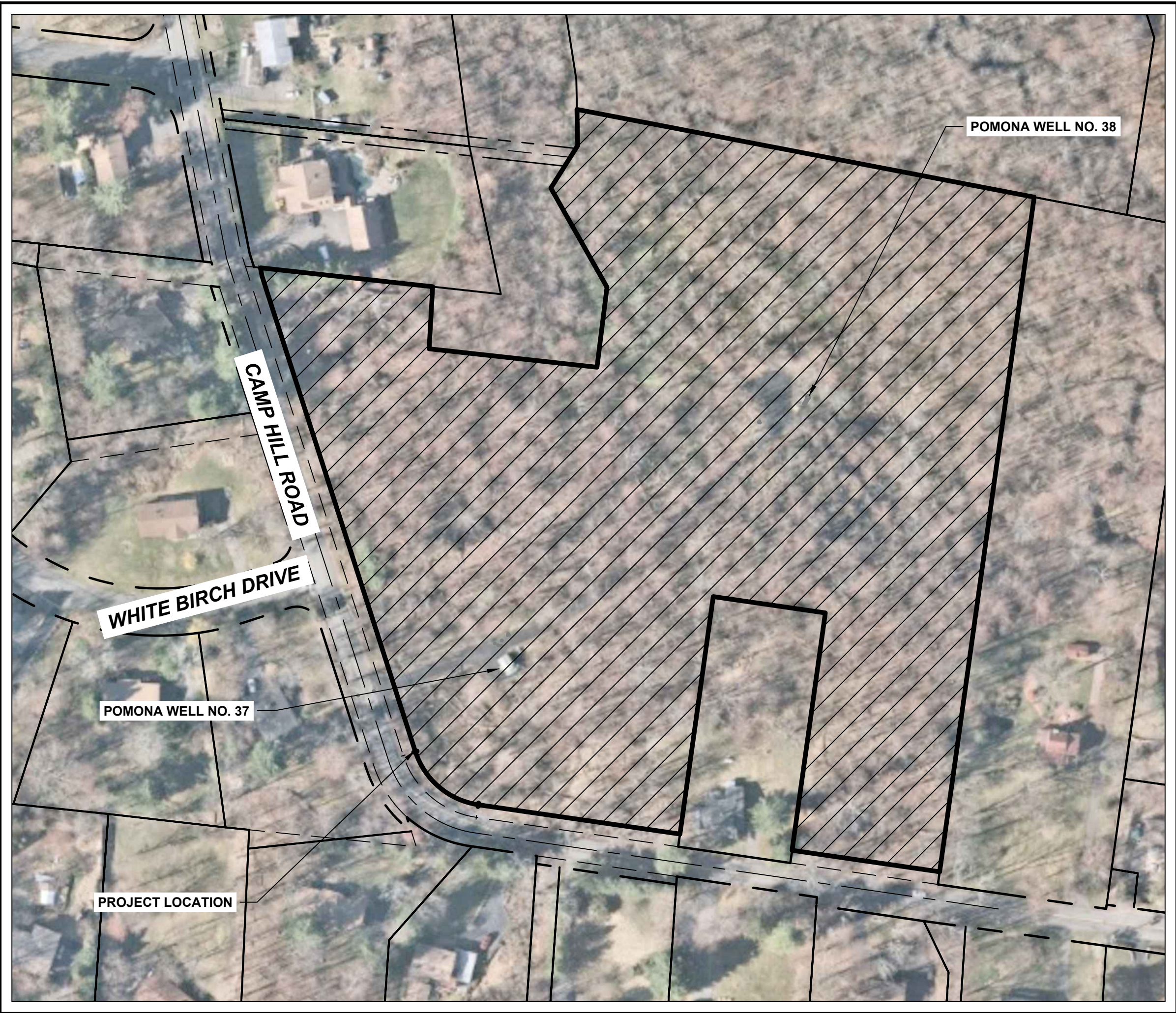
VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK



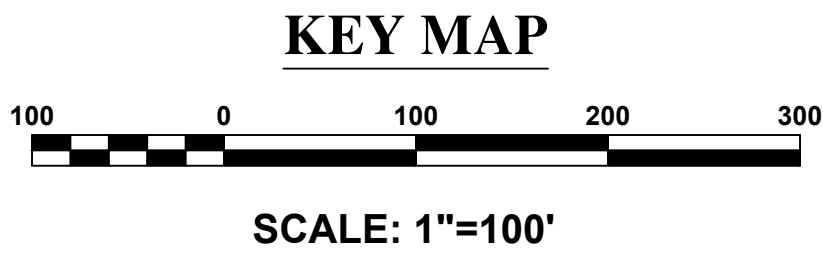
INDEX OF DRAWINGS

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4	YARD PIPING PLAN	
5	LANDSCAPE & GRADING PLAN	
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PUBLIC UTILITIES LIST	
GAS	ORANGE AND ROCKLAND UTILITIES
WATER	SUEZ WATER NEW YORK
SEWER	TOWNSHIP OF RAMAPO
ELECTRICITY	ORANGE AND ROCKLAND UTILITIES
COMMUNICATIONS	VERIZON



REFERENCES:  
1. TAX MAP - LOT 11, BLOCK 33.13-2, ON THE CURRENT TAX MAP OF THE TOWN OF RAMAPO, SHEET #33.12.  
2. AERIAL IMAGERY - © NEARMAP US, INC. <http://go.nearmap.com>



PRELIMINARY SITE PLAN FOR  
SUEZ WATER NY PFAS COMPLIANCE  
POMONA WELL NO. 38  
VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK  
COVER SHEET



CONSULTANT:  
**ANDREW S. HOLT, PE**  
NY PROFESSIONAL ENGINEER - 06564

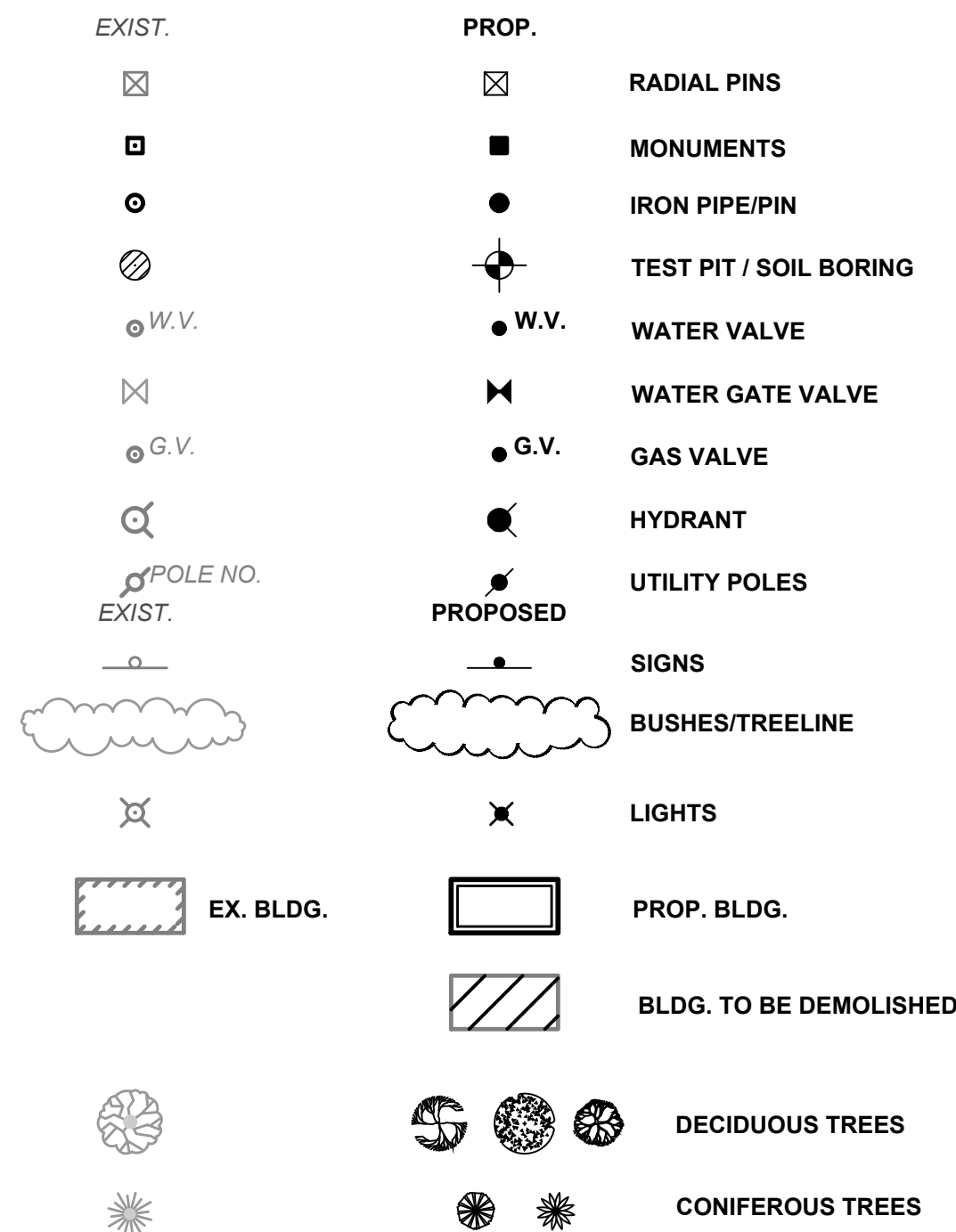
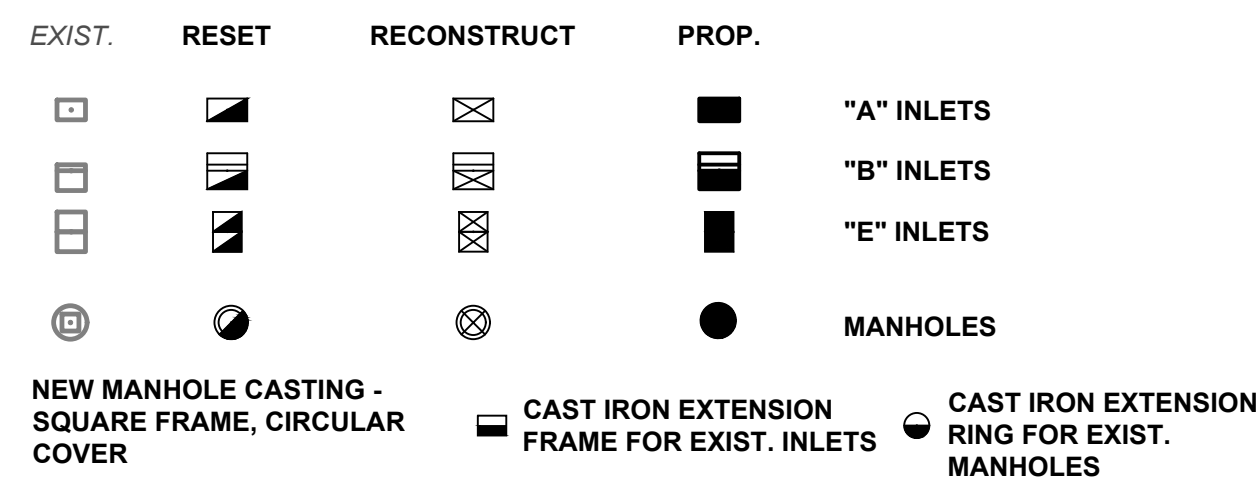
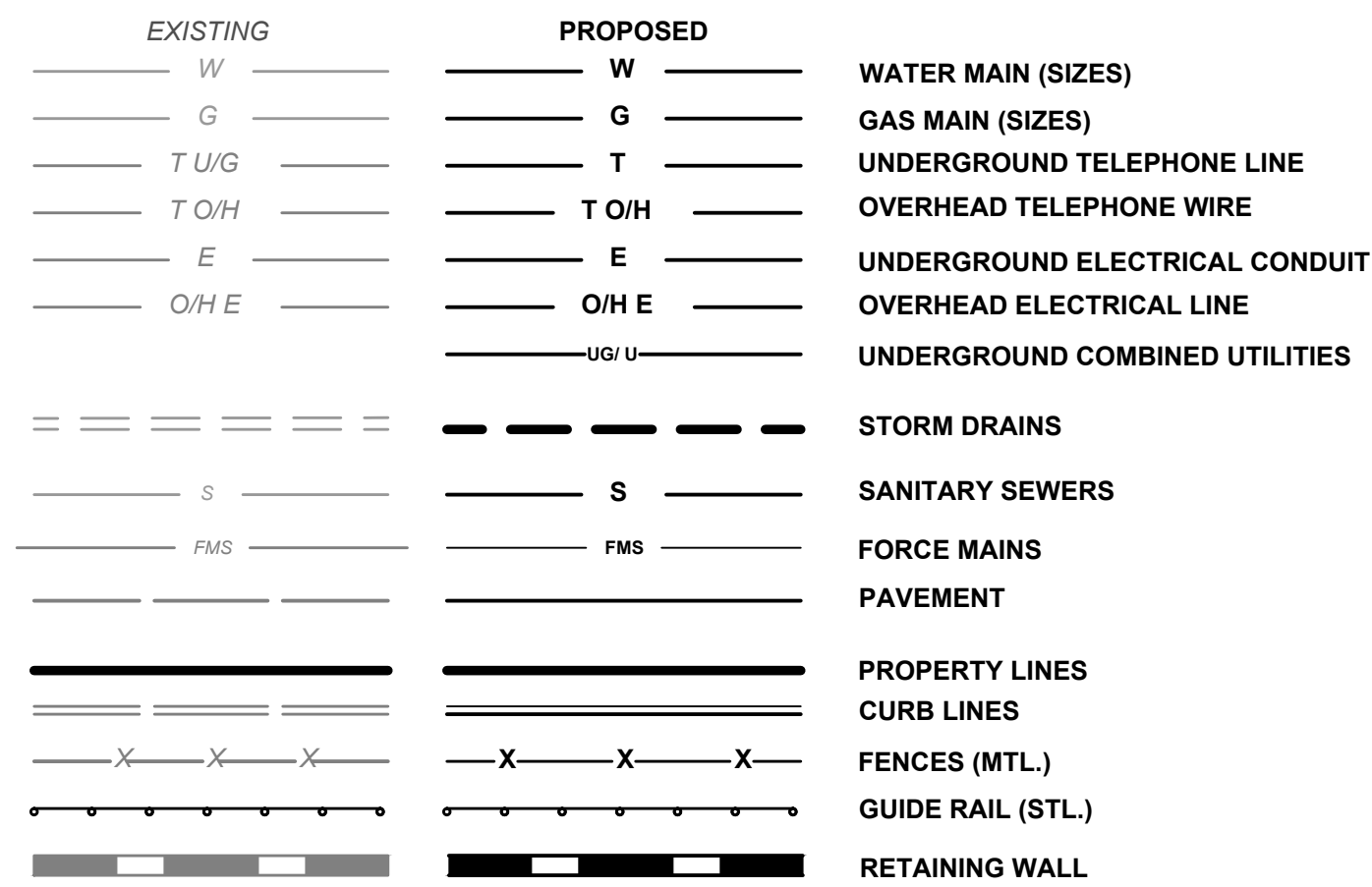
**60% DESIGN**

DATE: XX/XX/2021

PROJECT NUMBER: SCE-12162.002 SHEET 1 OF 15 REVISION



### LEGEND



**REFERENCES:**

1. **TAX MAP** - LOT 11, BLOCK 33.13-2, ON THE CURRENT TAX MAP OF THE TOWN OF RAMAPO, SHEET #33.12.
2. **AERIAL IMAGERY** - © NEARMAP US, INC. <http://go.nearmap.com>
3. **SITE PLAN** - "SPRING VALLEY WATER COMPANY INCORPORATED, SPRING VALLEY, N.Y. - POMONA WELD FIELD, RAMAPO, N.Y. PROPOSED WELL HOUSE" DATED SEPTEMBER 1974 AND LAST REVISED JUNE 7, 1977 AS REVISION 3.

**NOTE:**

**PRIOR TO ANY EXCAVATION, CONTRACTOR MUST HAVE ALL UTILITIES MARKED OUT BY THE APPROPRIATE UTILITY COMPANIES -> CALL 811**

### GENERAL NOTES

**OWNER:** UNITED WATER NEW YORK INC.  
12 CAMP HILL ROAD  
RAMAPO, NY 10970

**APPLICANT :** SUEZ WATER NEW YORK INC.  
162 OLD MILL ROAD  
WEST NYACK, NY 10994

1. THE SUBJECT PROPERTY IS KNOWN AS LOT 11, BLOCK 33.13-2, ON THE CURRENT TAX MAP OF THE TOWN OF RAMAPO, SHEET #33.12.
2. THE SUBJECT PROPERTY CONTAINS 9.514 ACRES (414,432 SF), AND IS SITUATED IN FOLLOWING DISTRICTS:

**ZONING:** RURAL-RESIDENTIAL - 80,000 SQ.FT. PER LOT (RR-80)  
**SCHOOL:** EAST RAMAPO CENTRAL SCHOOL DISTRICT

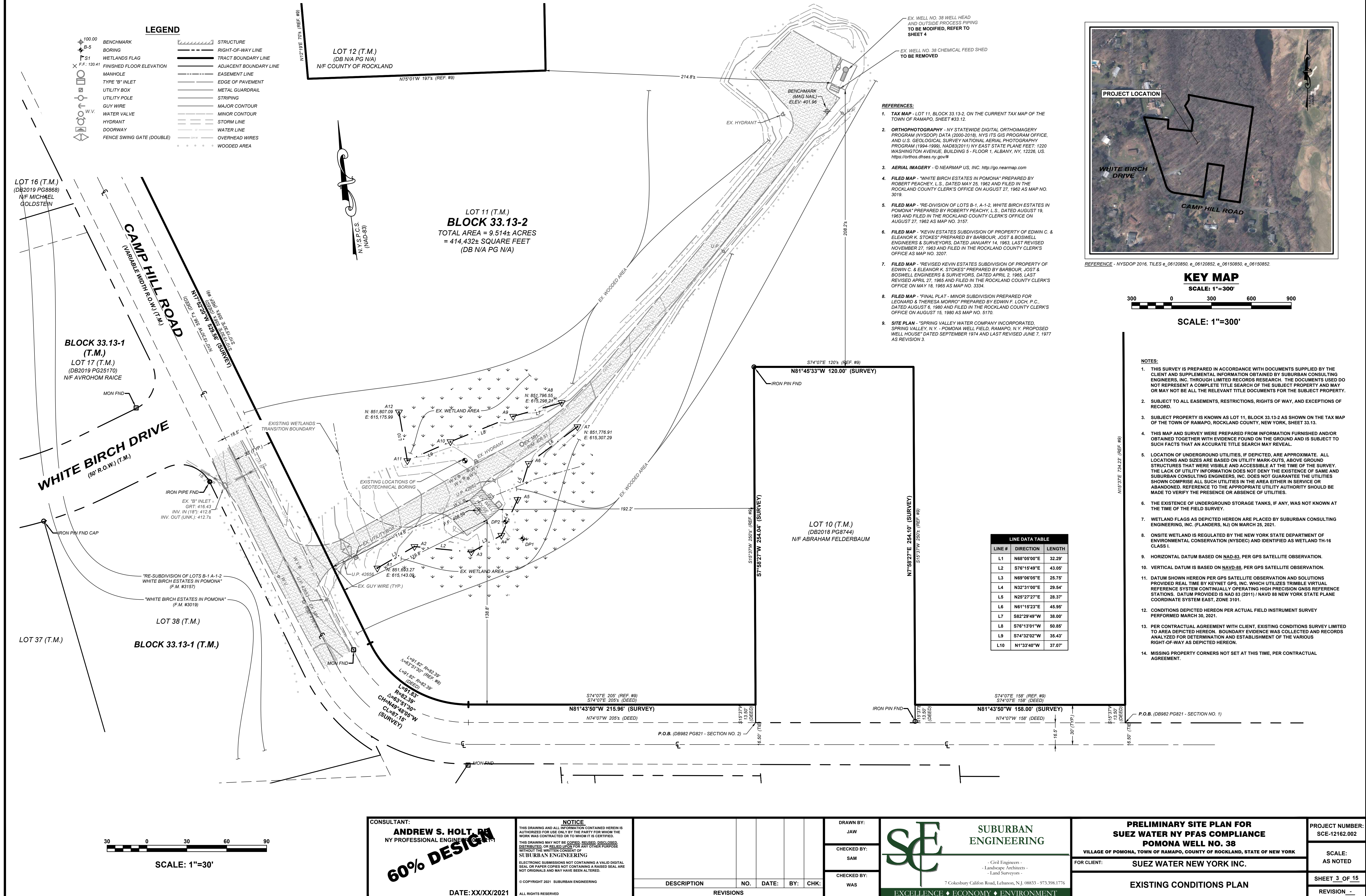
3. HORIZONTAL DATUM BASED ON NAD-83 (2011), PER GPS SATELLITE OBSERVATION.
4. VERTICAL DATUM IS BASED ON NAVD-88, PER GPS SATELLITE OBSERVATION.
5. PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY REFERENCED FROM SUBURBAN ENGINEERING, INC., ENTITLED "SUEZ WATER NEW YORK, INC. - PFAS COMPLIANCE - POMONA #37 & 38" DATED APRIL 8, 2021.
6. ALL UTILITIES WILL BE INSTALLED UNDERGROUND.
7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF RAMAPO STANDARDS AND SPECIFICATIONS, AND ALL STRUCTURES ARE SUBJECT TO REVIEW BY THE CONSTRUCTION CODE OFFICIAL. THE CONSTRUCTION OF ALL SITE IMPROVEMENTS SHALL COMPLY WITH THE NEW YORK STATE CONSTRUCTION CODE.
8. A PORTION OF THE SUBJECT PROPERTY IS SUBJECT TO FLOODING FROM THE 100 YEAR STORM, BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP (FIRM) FOR THE TOWN OF RAMAPO, PANEL 97 OF 207, COMMUNITY PANEL NUMBER 365340, LAST REVISED MARCH 3, 2014.
9. WORK MAY BE PERFORMED MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 AM AND 10:00 PM. THE TOWN MUST APPROVE EARLY STARTS AND WORK ON SATURDAYS, SUNDAYS AND HOLIDAYS. THE COST FOR INSPECTION SERVICES BY THE TOWN CONSTRUCTION DEPARTMENT OR THE OWNER/APPLICANT ENGINEER BEYOND NORMAL WORK DAYS AND HOURS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. NO MATERIAL OR EQUIPMENT IS TO BE STORED ON ANY AREA THAT HAS NOT BEEN ESTABLISHED AS A DESIGNATED STAGING AREA. ALL EXCAVATIONS SHALL BE PROTECTED AT THE END OF EACH WORK DAY. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. STAGING AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS BY THE CONTRACTOR.
11. ALL CONSTRUCTION MATERIALS, PRODUCTS, HOURS OF OPERATION, ETC. SHALL BE IN ACCORDANCE WITH THE OWNER, THE ON-SITE ENGINEER, AND THE TOWN OF RAMAPO. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL AS-BUILT SURVEYS PER TOWN REQUIREMENTS & FOR THE OWNER.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL LOCAL BUILDING PERMITS. THE OWNER WILL OBTAIN ALL PLANNING, ZONING AND LAND DISTURBANCE PERMITS, IF DEEMED NECESSARY.
13. BUILDING PERMITS SHALL SHOW LOWEST FLOOR ELEVATIONS SUBJECT TO APPROVAL AND INSPECTION BY DEPARTMENT OF ENGINEERING & FACILITIES MAINTENANCE.
14. NO BUILDING PERMIT FOR A BUILDING SUBJECT TO SITE PLAN APPROVAL SHALL BE ISSUED BY THE BUILDING INSPECTOR EXCEPT UPON AUTHORIZATION OF AND IN CONFORMITY WITH THE SITE PLAN APPROVED BY THE RAMAPO PLANNING BOARD.
15. ALL EXISTING ITEMS NOT DENOTED "TO REMAIN" OR "TO BE REMOVED" SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
16. SUEZ WATER NEW YORK INC. SHALL CONFORM TO SOIL EROSION AND SEDIMENT CONTROL PLAN ON FILE IN DEPARTMENT OF ENGINEERING & FACILITIES MAINTENANCE.
17. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

**GENERAL ENVIRONMENTAL NOTES:**

1. THE CONTRACTOR MUST PERFORM THE WORK IN ACCORDANCE WITH APPLICABLE PROVISIONS AND CONDITIONS OF THE ROCKLAND COUNTY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
2. THE TRENCH EXCAVATION MAY BE NO WIDER THAN NECESSARY TO COMPLY WITH OSHA SAFETY STANDARDS AND THE CONSTRUCTION DETAILS UNDER THE ACTUAL SURFACE AND SUBSURFACE CONDITIONS AS MAY BE ENCOUNTERED DURING CONSTRUCTION.
3. AVOID DISTURBANCE OF NATURAL VEGETATION DURING CLEARING OPERATIONS TO THE GREATEST EXTENT PRACTICABLE.
4. PERFORM "SOIL EROSION AND SEDIMENT CONTROL" AS DIRECTED BY THE ENGINEER OR SOIL CONSERVATION AGENCY REPRESENTATIVE AS CALLED FOR ON THE PLANS. PERFORM WORK IN ACCORDANCE WITH THE SPECIFICATIONS AS MAY BE WARRANTED BY ACTUAL FIELD CONDITIONS AND THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR ADJUSTMENTS, ADDITIONAL MATERIALS AND MAINTENANCE OF THIS WORK.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE, AND REPAIR OF SOIL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PERMIT. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES OR REMEDIATION REQUIRED DUE TO EROSION OR DOWNSTREAM SEDIMENT DEPOSITION.
6. MAINTAIN WORK WITHIN THE DESIGNATED LIMITS OF DISTURBANCE AS DELINEATED AND NOTED ON THE PLANS. RESTORE ANY DISTURBANCE BY WORK CONDUCTED OUTSIDE THOSE LIMITS AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. DISPOSE OF ALL WASTE, DEBRIS, AND UNSUITABLE EXCAVATED MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS, THE STATE AND LOCAL RULES AND REGULATIONS.

<div>CONSULTANT: <b>ANDREW S. HOLT, P.E.</b> NY PROFESSIONAL ENGINEER NO. 17117</div> <div>60% DESIGN</div> <div>DATE: XX/XX/2021</div>	<div>NOTICE</div> <div>THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED. THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING.</div> <div>ELECTRONIC SUBMISSIONS NOT CONTAINING A VALID DIGITAL SEAL OR PAPER COPIES NOT CONTAINING A RAISED SEAL ARE NOT ORIGINALS AND MAY HAVE BEEN ALTERED.</div> <div>© COPYRIGHT 2021 SUBURBAN ENGINEERING</div> <div>ALL RIGHTS RESERVED</div>				<div>DRAWN BY:</div> <div>JAW</div> <div>CHECKED BY:</div> <div>SAM</div> <div>CHECKED BY:</div> <div>WAS</div>		<div><div>SE</div><div>SUBURBAN ENGINEERING</div><div>- Civil Engineers - - Landscape Architects - - Land Surveyors -</div><div>7 Cokesbury Caldon Road, Lebanon, N.J. 08833 - 973.398.1776</div><div>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</div></div>	<div>PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38</div> <div>VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</div> <div>FOR CLIENT: SUEZ WATER NEW YORK INC.</div> <div>GENERAL NOTES</div>		<div>PROJECT NUMBER: SCE-12162.002</div> <div>SCALE: N.T.S.</div> <div>SHEET 2 OF 15</div> <div>REVISION</div>					
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	REVISIONS														





CONSULTANT:  
**ANDREW S. HOLT, P.E.**  
NY PROFESSIONAL ENGINEER

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REVISIONS

DRAWN BY:

JAW

CHECKED BY:

SAM

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WAS



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**PRELIMINARY SITE PLAN FOR  
SUEZ WATER NY PFAS COMPLIANCE  
POMONA WELL NO. 38**  
VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK

FOR CLIENT: **SUEZ WATER NEW YORK INC.**

**EXISTING CONDITIONS PLAN**

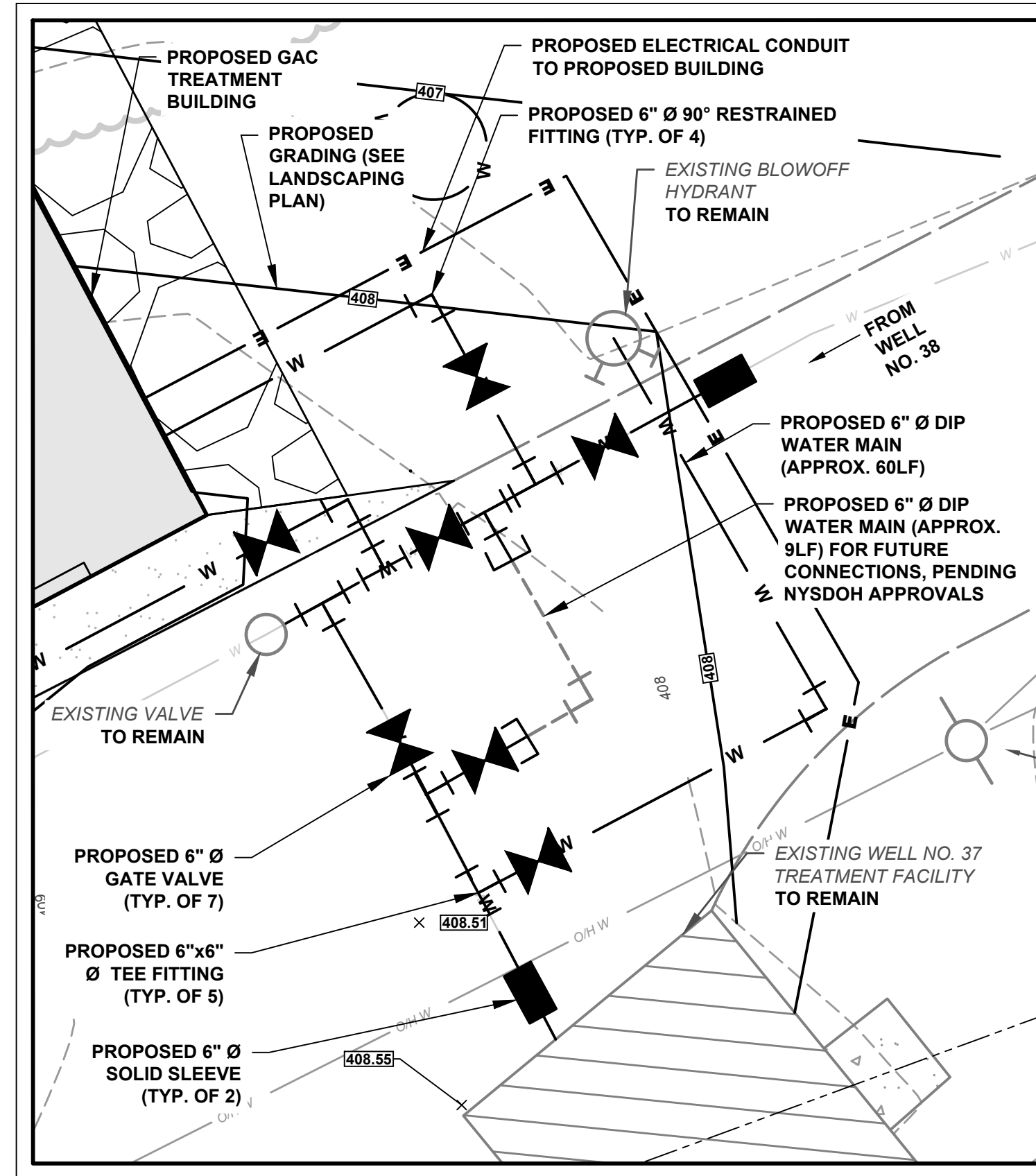
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SCE-12162.002

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AS NOTED

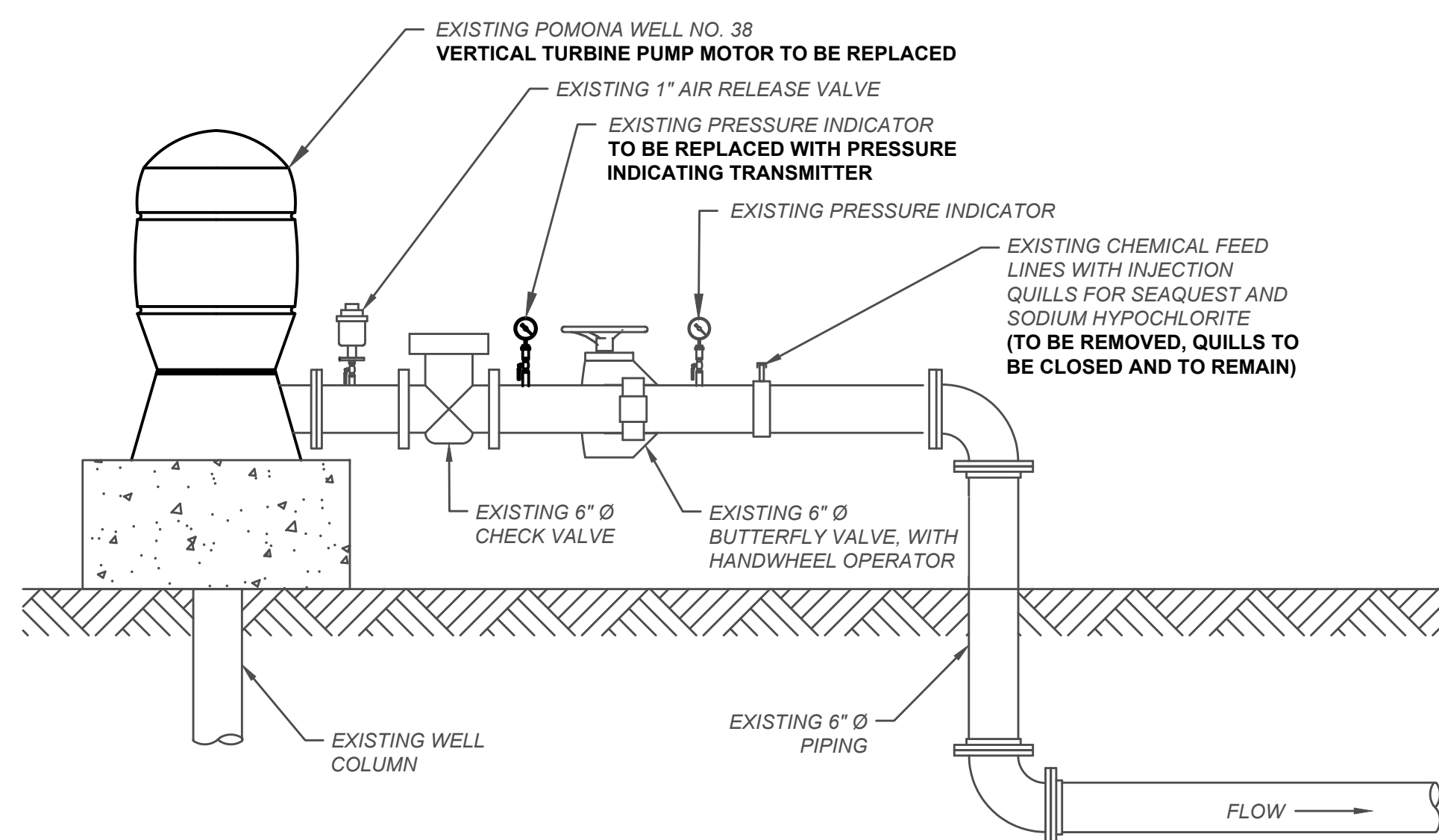
SHEET **3** OF **15**  
REVISION -



SCALE: 1"=5'



SCALE: 1"=5'

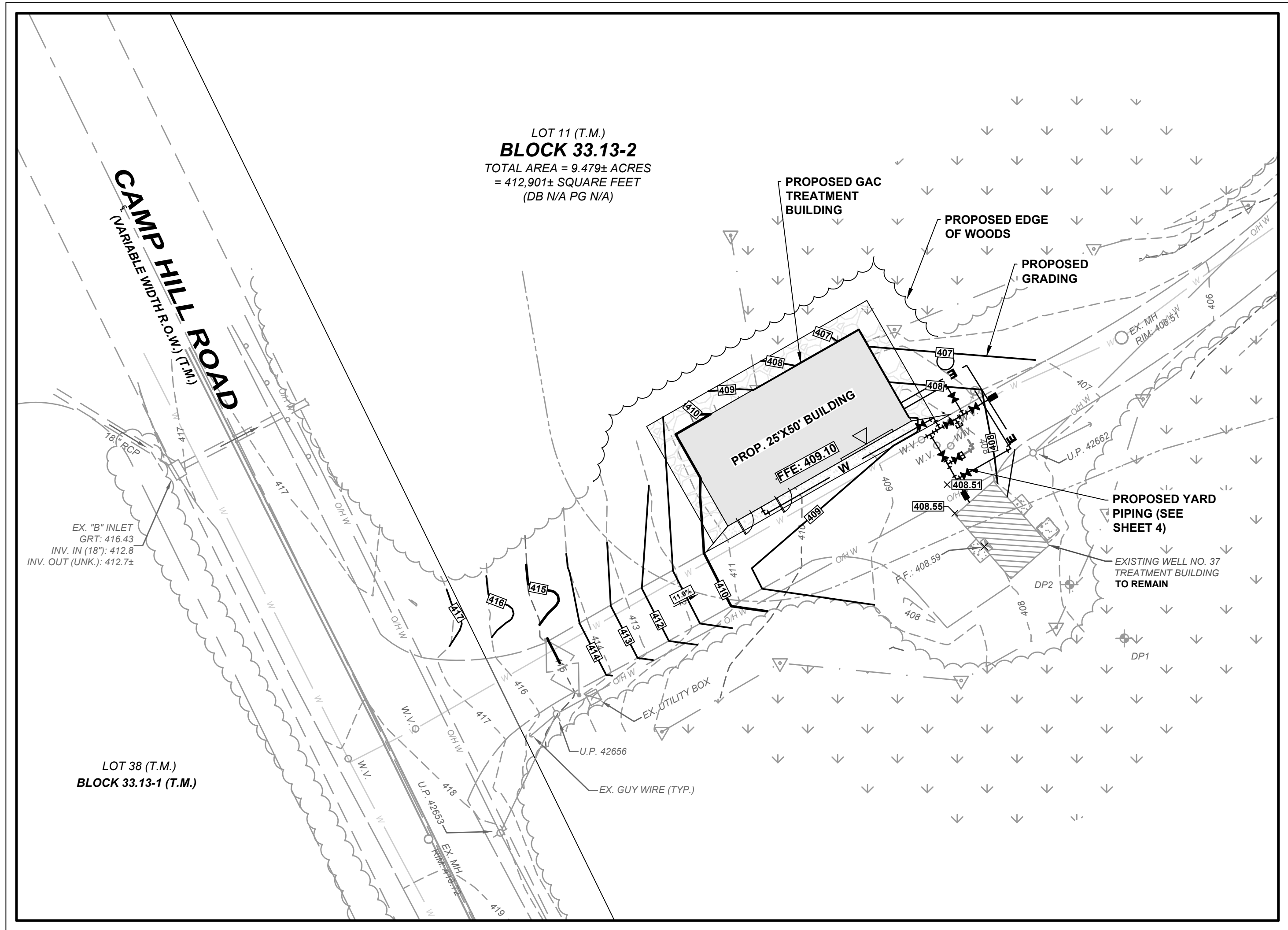


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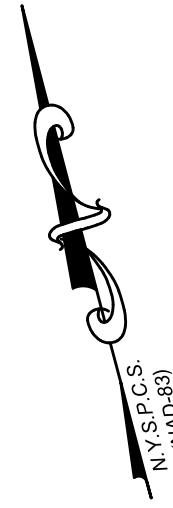
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N.Y.S.P.C.S.  
(NAD-83)



**SCALE: 1"=20'**

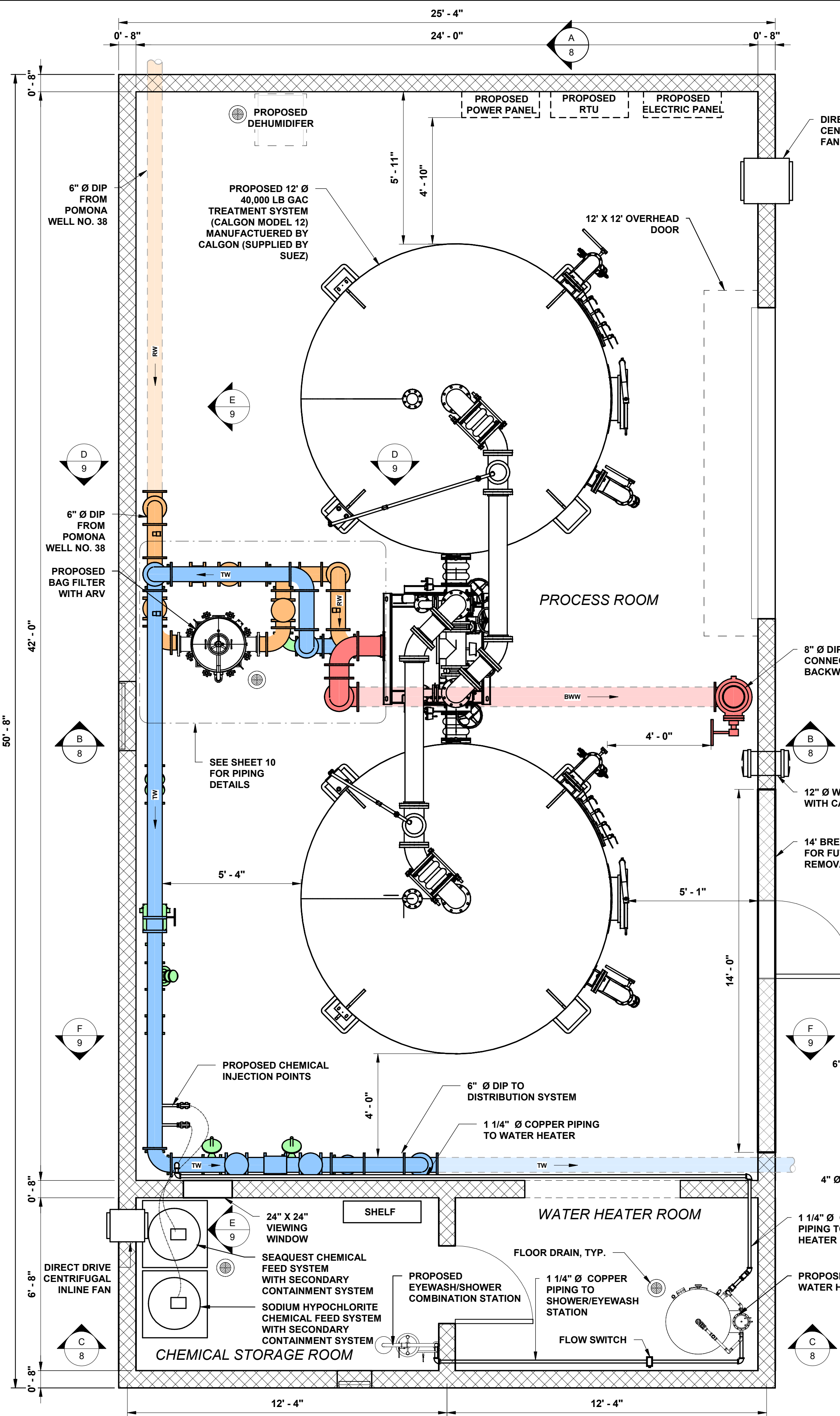


<div>CONSULTANT:</div> <div>ANDREW S. HOLT, PE</div> <div>NY PROFESSIONAL ENGINEER (0000017)</div> <div>60% Design</div> <div>DATE: XX/XX/2021</div>	<div>NOTICE</div> <div>THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.</div> <div>THIS DRAWING MAY NOT BE COPIED, REPRODUCED, DISTRIBUTED, OR BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING</div> <div>ELECTRONIC SUBMISSIONS NOT CONTAINING A VALID DIGITAL SEAL OR PAPER COPIES NOT CONTAINING A RAISED SEAL ARE NOT ORIGINALS AND MAY HAVE BEEN ALTERED.</div> <div>© COPYRIGHT 2021 SUBURBAN ENGINEERING</div> <div>ALL RIGHTS RESERVED</div>				<div>DRAWN BY:</div> <div>JAW</div> <div>CHECKED BY:</div> <div>SAM</div> <div>CHECKED BY:</div> <div>WAS</div>		<div><div>SE</div><div>SUBURBAN ENGINEERING</div><div>- Civil Engineers -</div><div>- Landscape Architects -</div><div>- Land Surveyors -</div><div>7 Cokesbury Caldon Road, Lebanon, NJ, 08833 - 973.398.1776</div><div>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</div></div>	<div>PRELIMINARY SITE PLAN FOR</div> <div>SUEZ WATER NY PFAS COMPLIANCE</div> <div>POMONA WELL NO. 38</div> <div>VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</div> <div>FOR CLIENT:</div> <div>SUEZ WATER NEW YORK INC.</div> <div>LANDSCAPE &amp; GRADING PLAN</div>		<div>PROJECT NUMBER:</div> <div>SCE-12162.002</div>						
								<div>SCALE:</div> <div>AS NOTED</div>								
								<div>SHEET 5 OF 15</div>								
								<div>REVISION</div> <div></div>								
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REVISIONS																

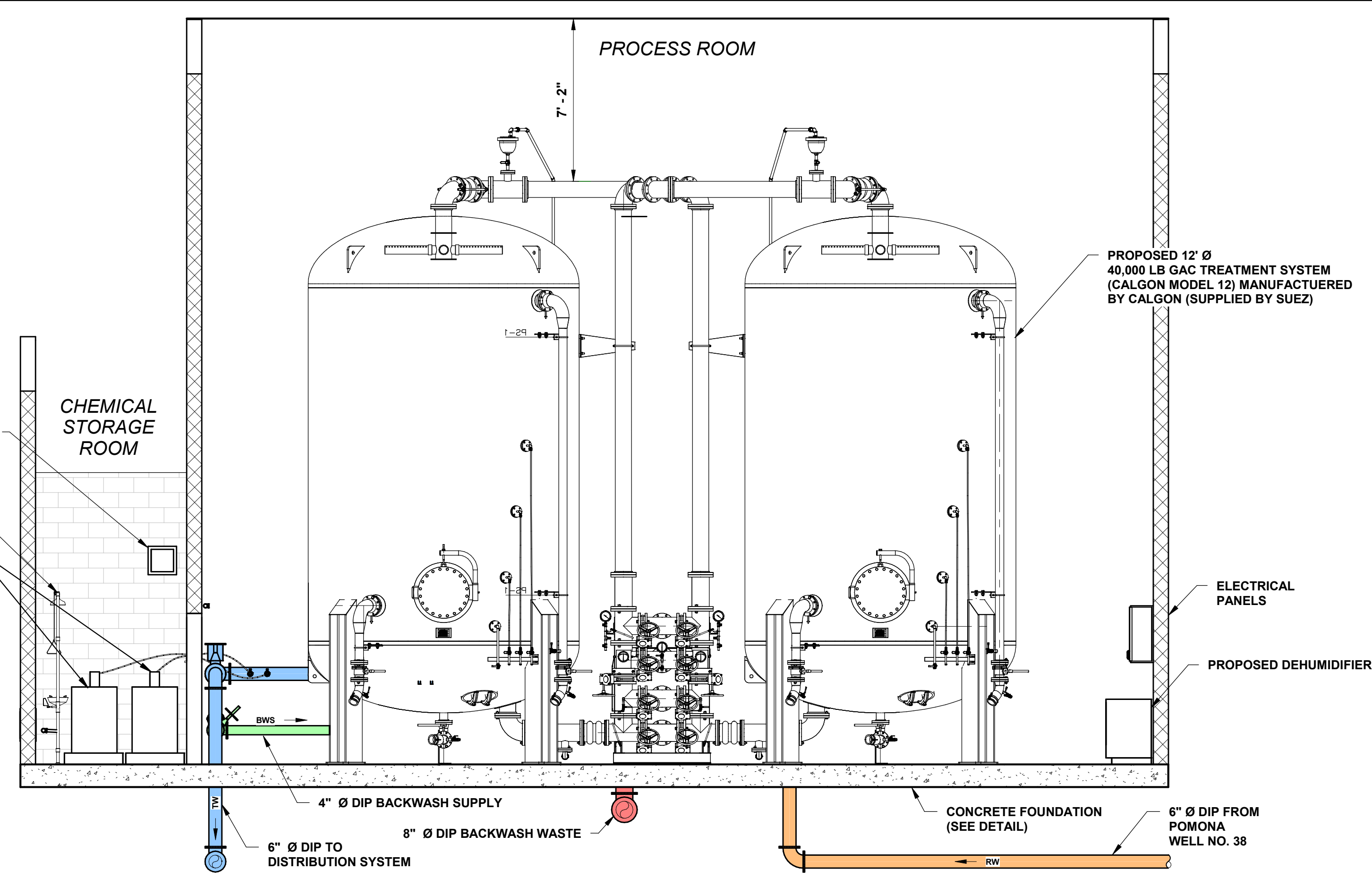




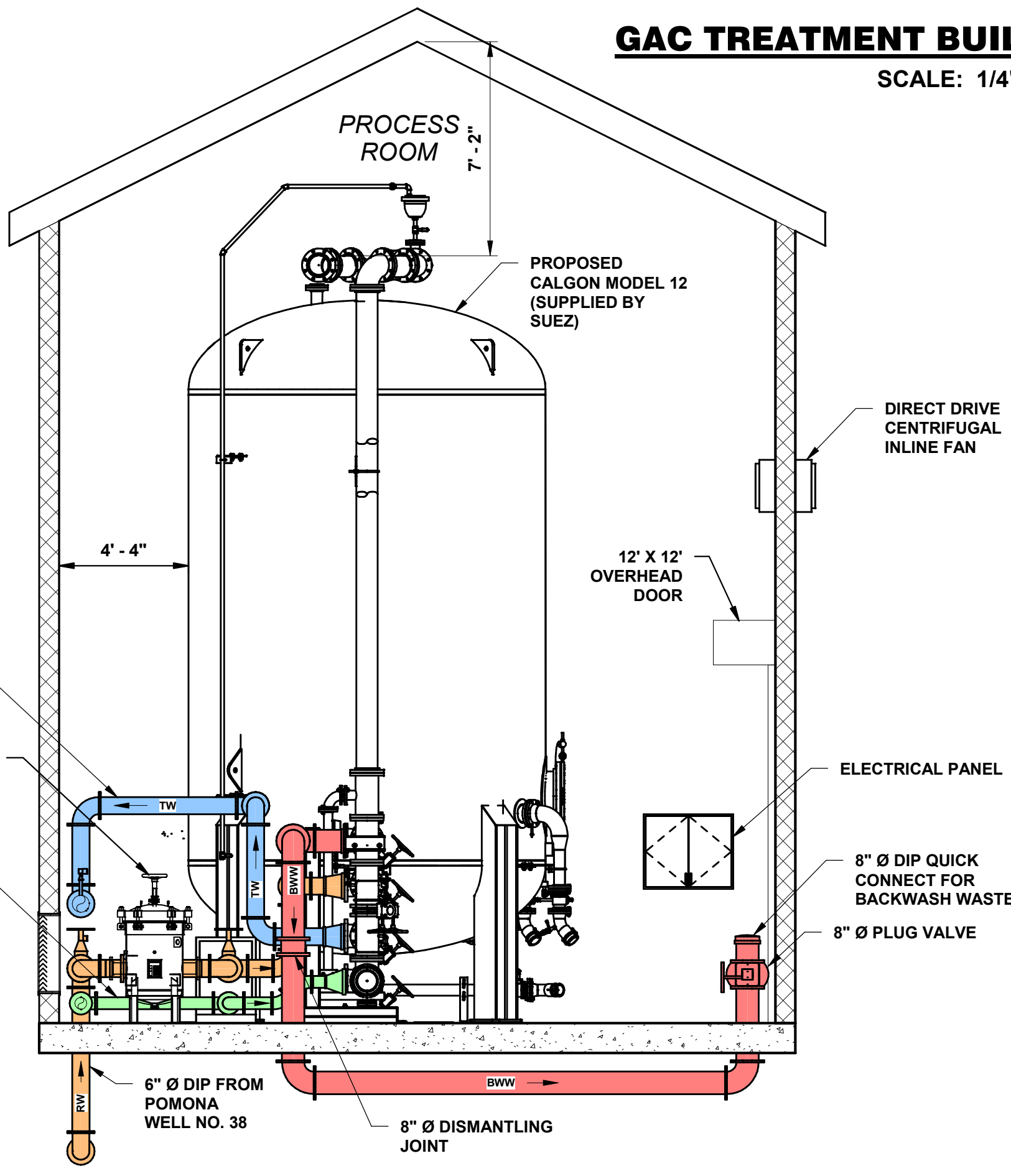




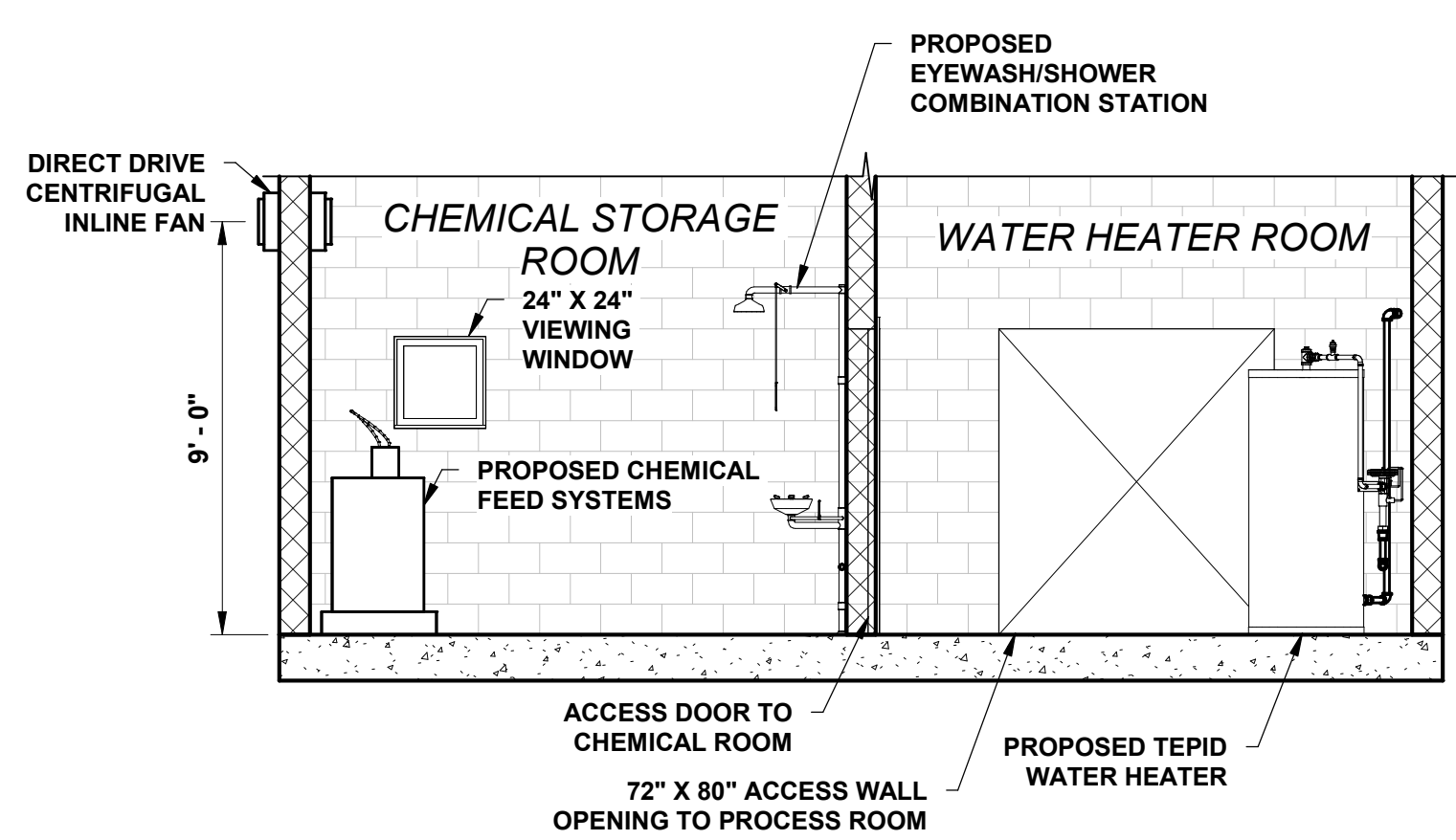
**GAC TREATMENT BUILDING PLAN VIEW**  
SCALE: 3/8" = 1'-0"



**GAC TREATMENT BUILDING SECTION A-A**  
SCALE: 1/4" = 1'-0"



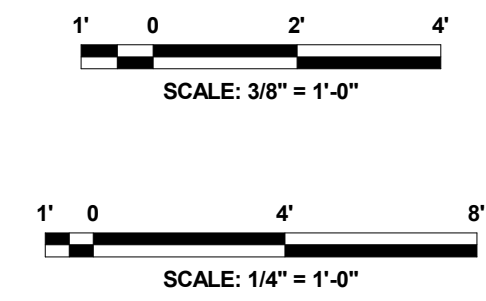
**GAC TREATMENT BUILDING SECTION B-B**  
SCALE: 1/4" = 1'-0"



**GAC TREATMENT BUILDING SECTION C-C**  
SCALE: 1/4" = 1'-0"

**PIPING COLOR LEGEND**

- RAW WATER (RW)
- TREATED WATER (TW)
- BACKWASH SUPPLY (BWS)
- BACKWASH WASTE (BWW)



CONSULTANT:  
**ANDREW S. HOLT**  
NY PROFESSIONAL ENGINEER 00111

**60% DESIGN**

DATE: XX/XX/2021

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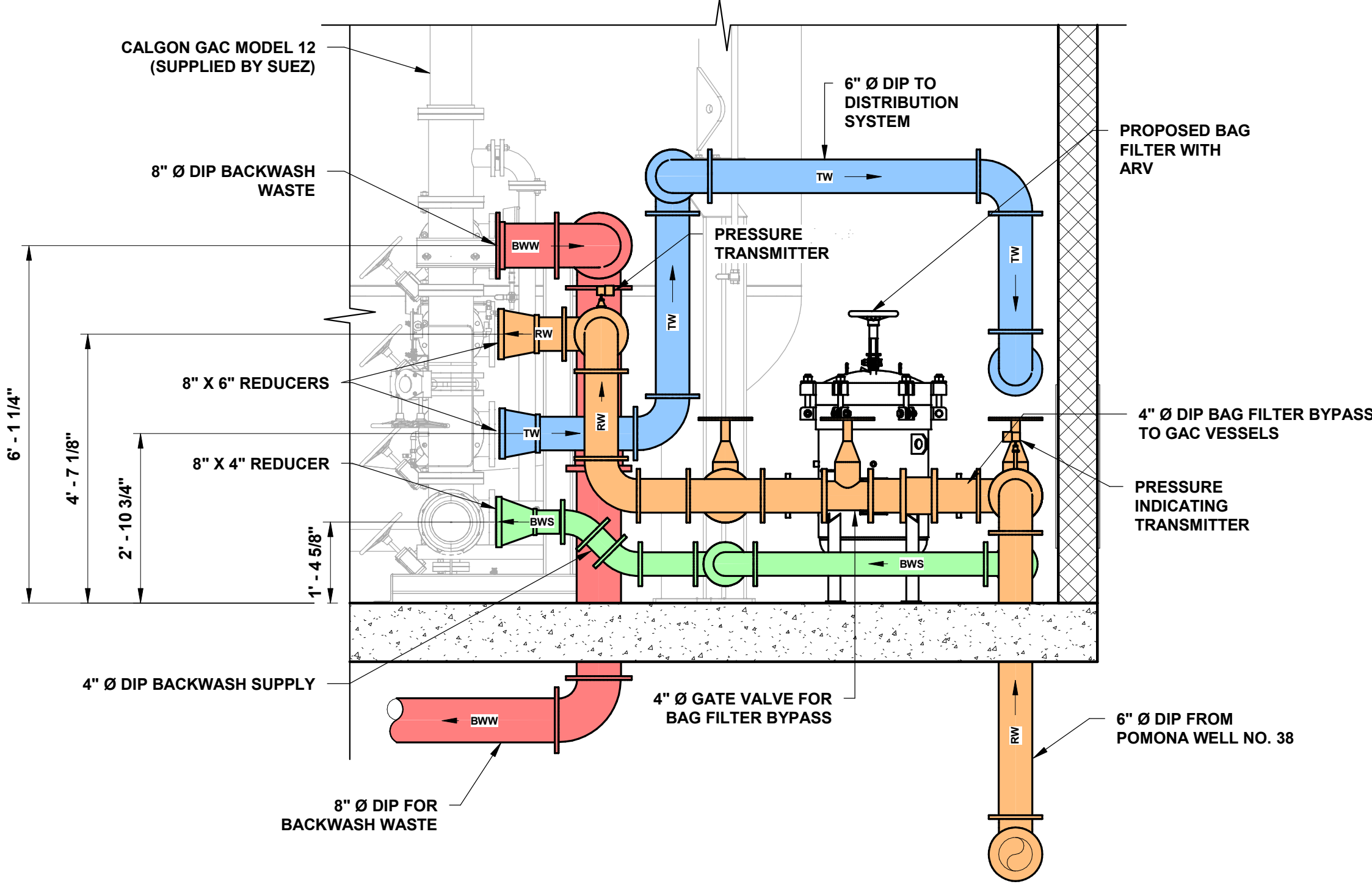
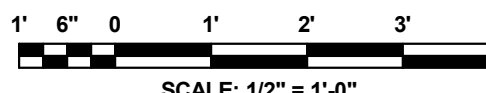
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<p><b>PRELIMINARY SITE PLAN FOR</b>  <b>SUEZ WATER NY PFAS COMPLIANCE</b>  <b>POMONA WELL NO. 38</b>          VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</p>		PROJECT NUMBER: SCE-12162.002
<p>FOR CLIENT: <b>SUEZ WATER NEW YORK INC.</b></p>		SCALE: As indicated
<p><b>GAC TREATMENT BUILDING PLAN AND SECTIONS</b></p>		SHEET <b>8</b> OF <b>14</b>
		REVISION <b>—</b>



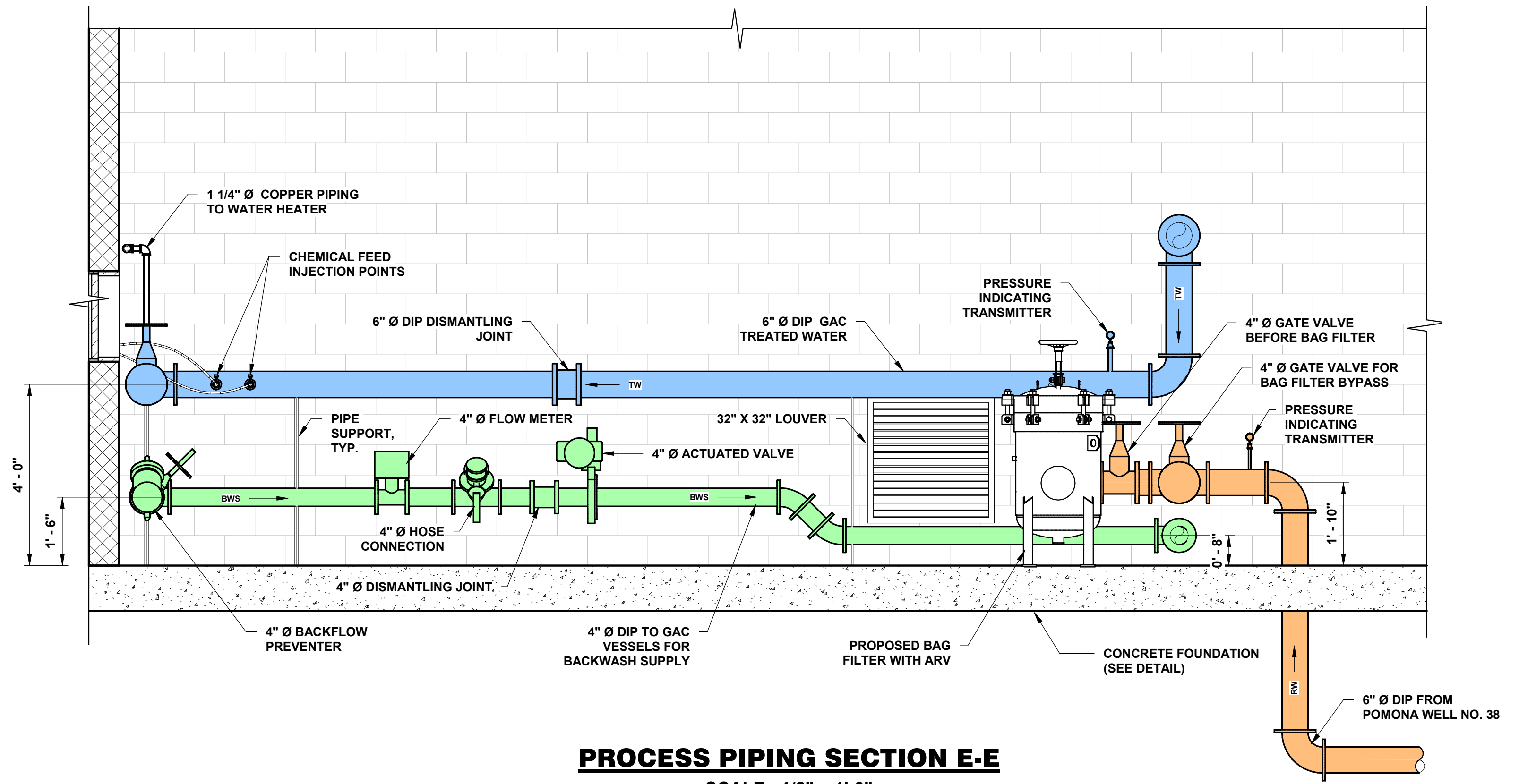
PIPING COLOR LEGEND

- RAW WATER (RW)
- TREATED WATER (TW)
- BACKWASH SUPPLY (BWS)
- BACKWASH WASTE (BWW)



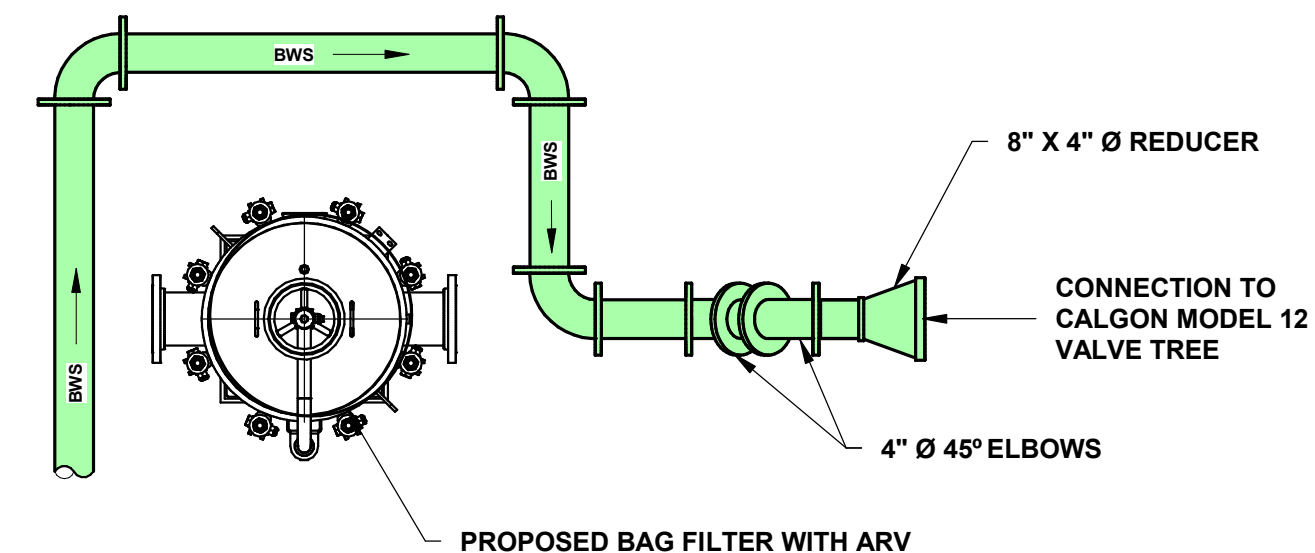
PROCESS PIPING SECTION D-D

SCALE: 1/2" = 1'-0"



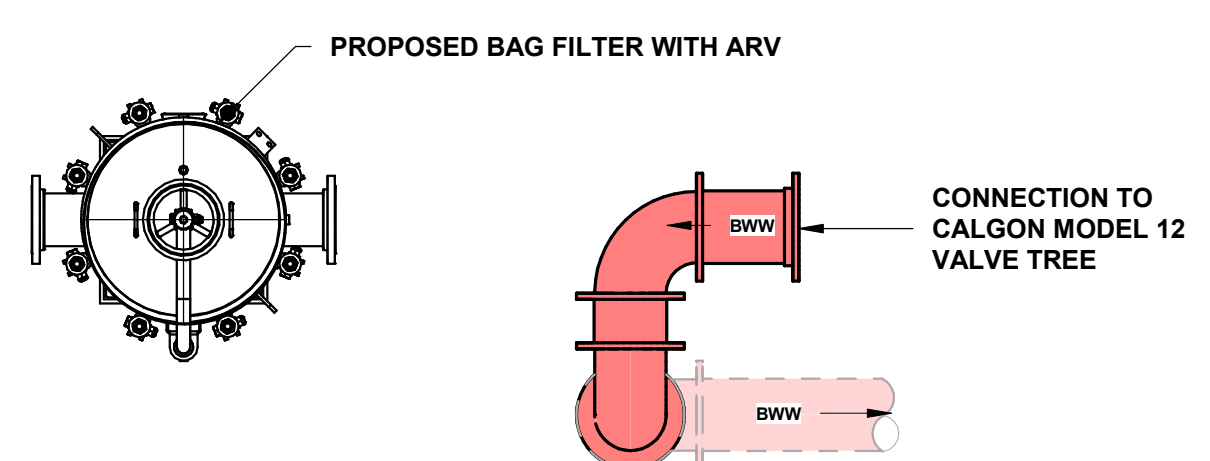
PROCESS PIPING SECTION E-E

SCALE: 1/2" = 1'-0"



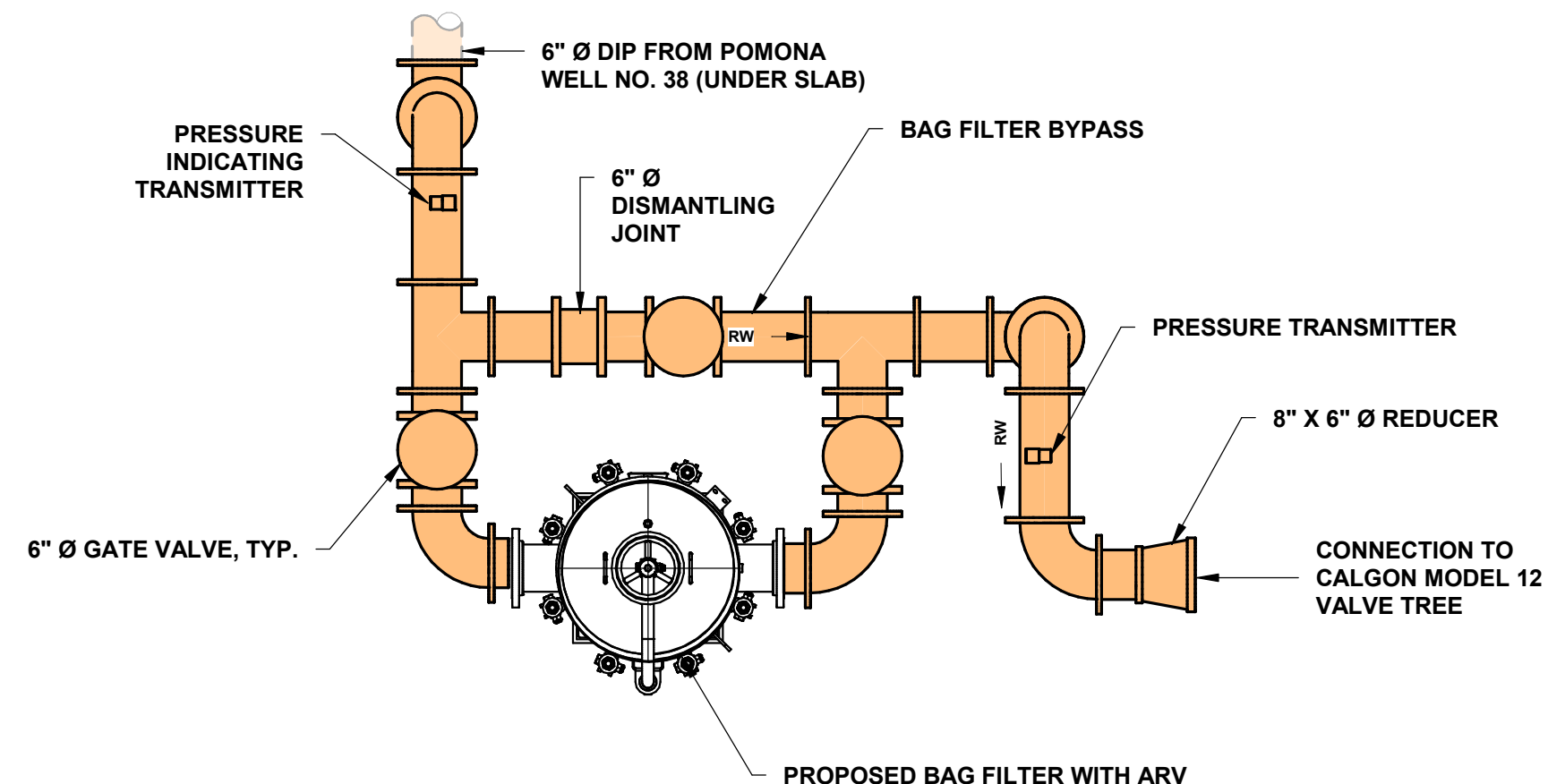
BACKWASH SUPPLY PIPING PLAN

SCALE: 1/2" = 1'-0"



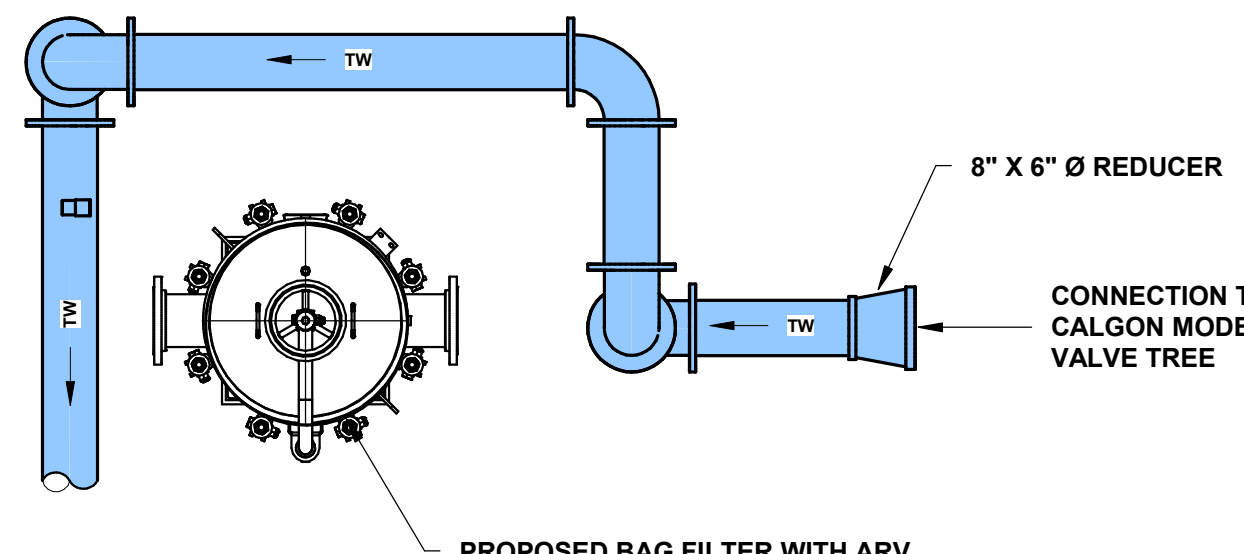
BACKWASH WASTE PIPING PLAN

SCALE: 1/2" = 1'-0"



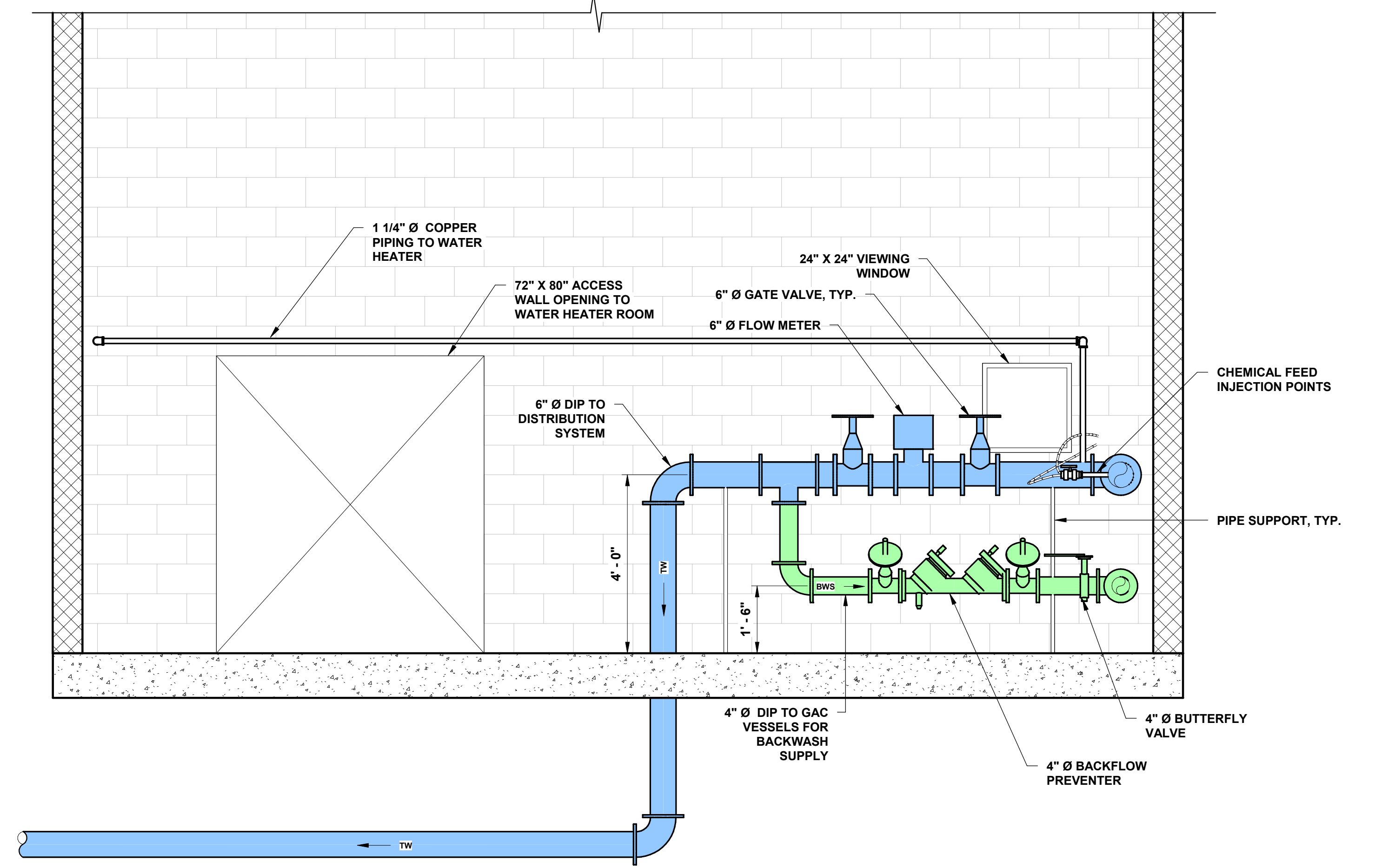
RAW WATER AND BAG FILTER BYPASS PIPING PLAN

SCALE: 1/2" = 1'-0"



TREATED WATER EFFLUENT PIPING PLAN

SCALE: 1/2" = 1'-0"

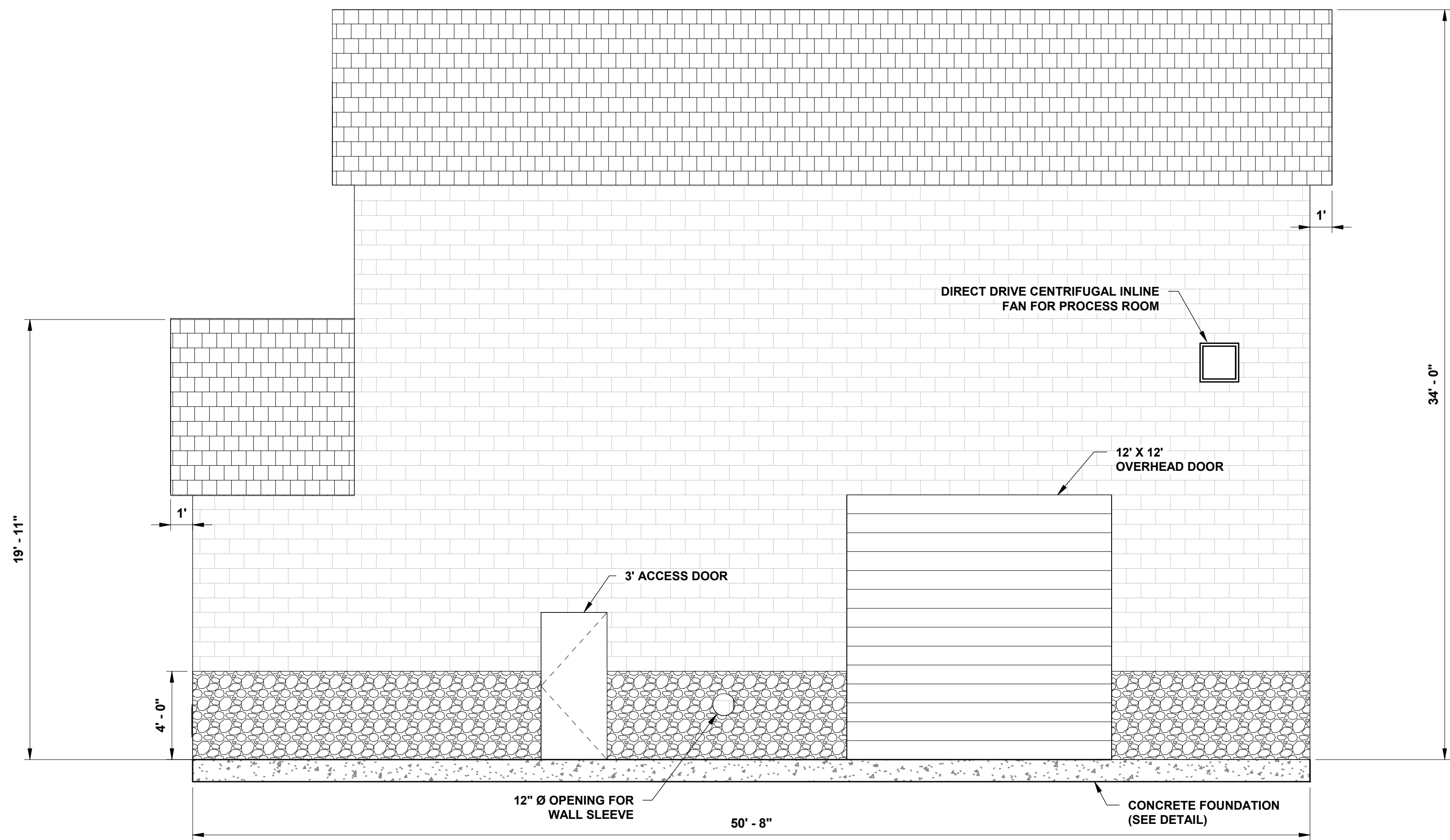


PROCESS PIPING SECTION F-F

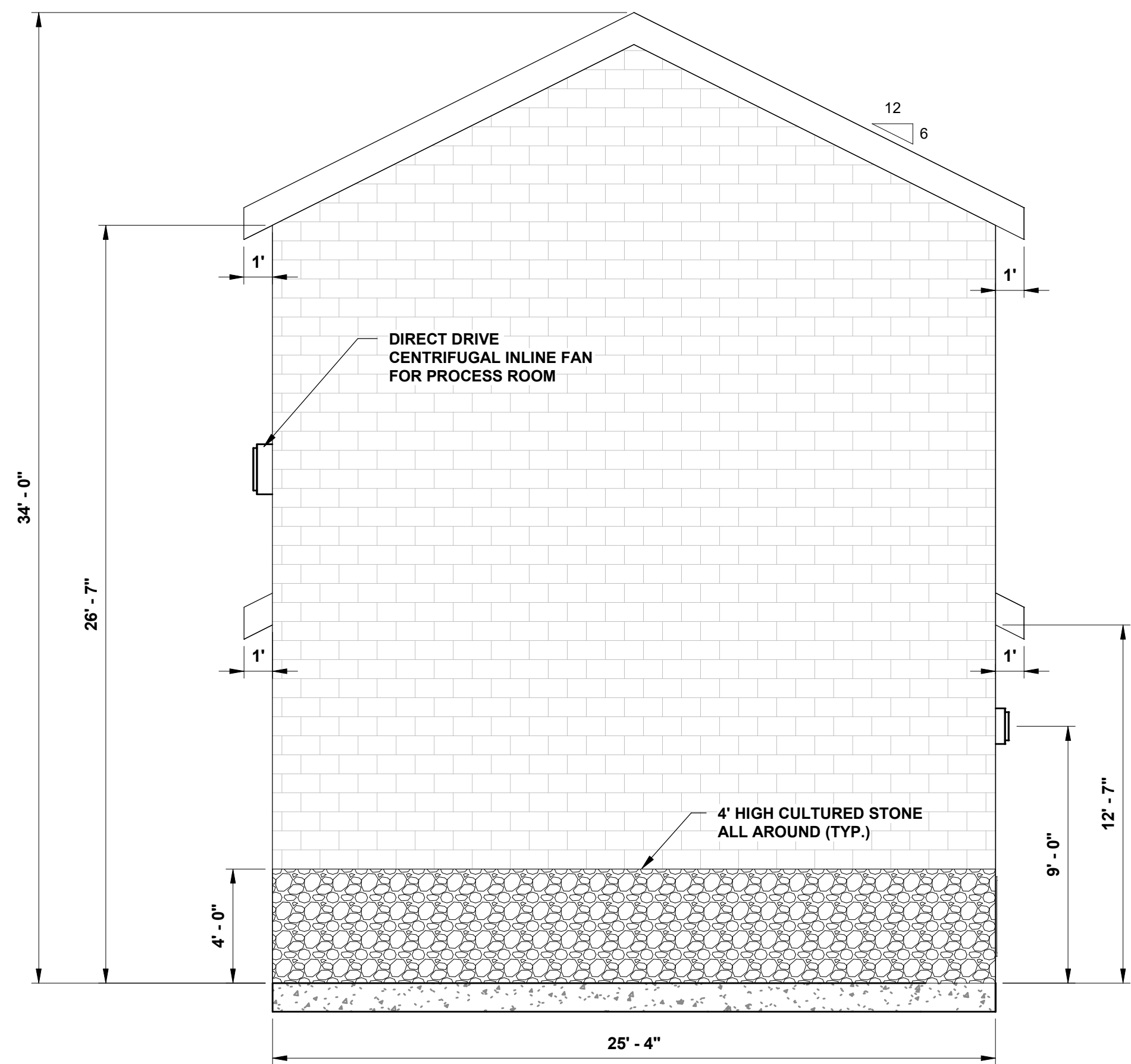
SCALE: 1/2" = 1'-0"

<p>CONSULTANT:</p> <p><b>ANDREW S. HOLT</b></p> <p>NY PROFESSIONAL ENGINEER 00111-1</p> <p><b>60% DESIGN</b></p> <p>DATE:XX/XX/2021</p>	<p>NOTICE</p> <p>THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.</p> <p>THIS DRAWING MAY NOT BE COPIED, REPRODUCED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING</p> <p>PER N.J.A.C. ELECTRONIC SUBMISSIONS NOT CONTAINING A VALID DIGITAL SEAL OR PAPER COPIES NOT CONTAINING A RAISED SEAL ARE NOT ORIGINALS AND MAY HAVE BEEN ALTERED.</p> <p>© COPYRIGHT 2021 SUBURBAN CONSULTING ENGINEERS, INC.™</p> <p>ALL RIGHTS RESERVED</p>	<table><tr><td>DESCRIPTION</td><td>NO.</td><td>DATE</td><td>BY</td><td>CHK</td></tr><tr><td colspan="5">REVISIONS</td></tr></table>	DESCRIPTION	NO.	DATE	BY	CHK	REVISIONS					<p>DRAWN BY:</p>	<p><b>SCE</b></p> <p><b>SUBURBAN ENGINEERING</b></p> <p>- Civil Engineers - - Landscape Architects - - Land Surveyors -</p> <p>7 Cockebury Caldon Road, Lebanon, N.J. - 973.398.1776</p> <p>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</p>	<p>PROJECT NUMBER:</p> <p>SCE-12162.002</p>
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			REVISIONS												
			<p>CHECKED BY:</p>	<p>SCALE:</p> <p>As indicated</p>											
<p>CHECKED BY:</p>	<p>SHEET 9 OF 14</p>														
<p>PROCESS PIPING PLAN AND SECTIONS</p>		<p>REVISION</p>													
<p>PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38</p> <p>VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</p> <p>FOR CLIENT: SUEZ WATER NEW YORK INC.</p>															

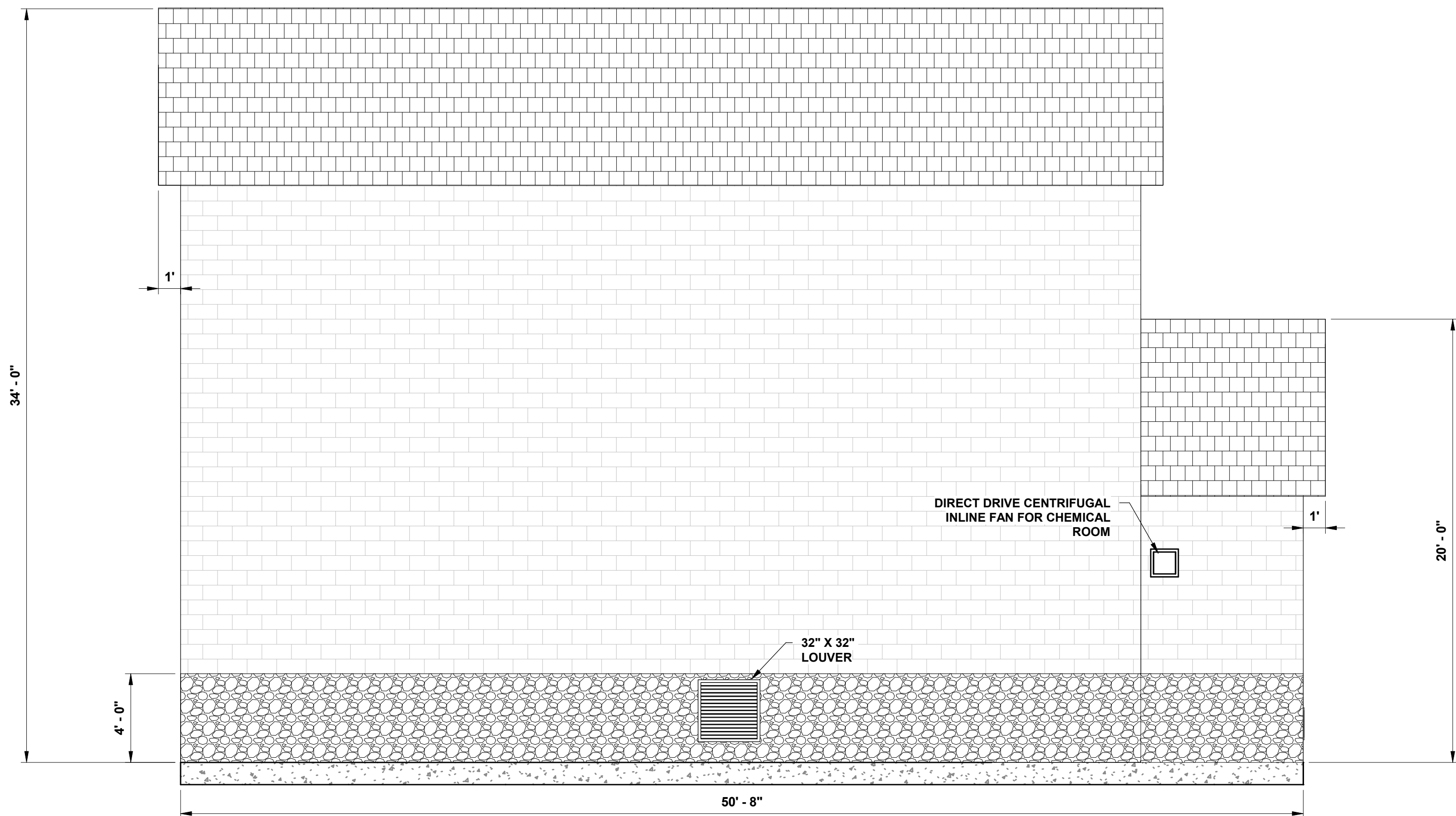




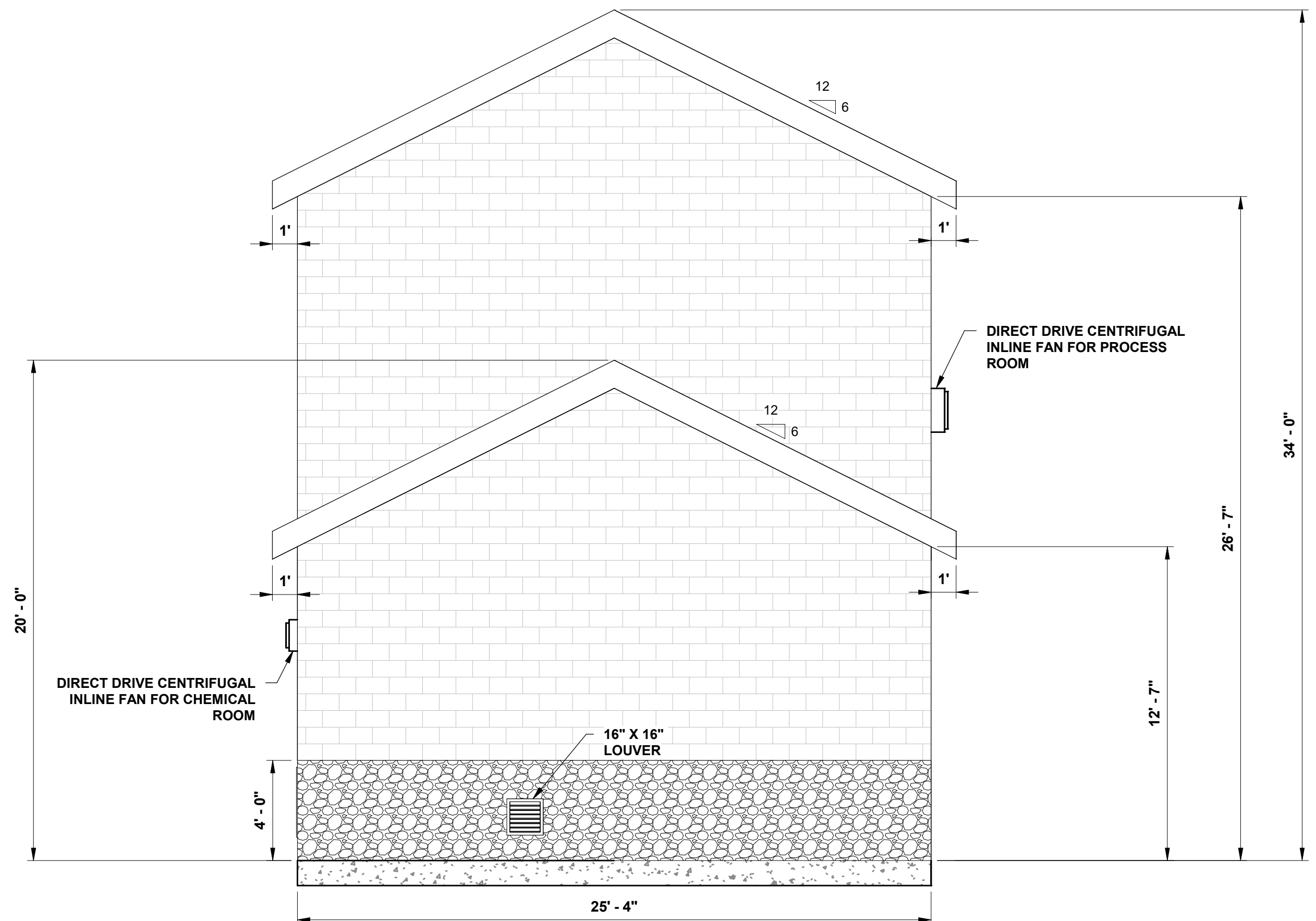
**SOUTH ELEVATION VIEW**  
SCALE: 1/4" = 1'-0"



**EAST ELEVATION VIEW**  
SCALE: 1/4" = 1'-0"



**NORTH ELEVATION VIEW**  
SCALE: 1/4" = 1'-0"



**WEST ELEVATION VIEW**  
SCALE: 1/4" = 1'-0"

CONSULTANT:  
**ANDREW S. HOLT**  
NY PROFESSIONAL ENGINEER NO. 13071-1  
**60% DESIGN**  
DATE: XX/XX/2021

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REVISIONS				

DRAWN BY:  
CHECKED BY:  
CHECKED BY:

**SC** **SUBURBAN ENGINEERING**  
- Civil Engineers -  
- Landscape Architects -  
- Land Surveyors -  
7 Cockebury Caldon Road, Lebanon, N.J. - 973.398.1776  
**EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT**

**PRELIMINARY SITE PLAN FOR  
SUEZ WATER NY PFAS COMPLIANCE  
POMONA WELL NO. 38**  
VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK  
FOR CLIENT: **SUEZ WATER NEW YORK INC.**  
**GAC TREATMENT BUILDING ELEVATION VIEWS**

PROJECT NUMBER:  
SCE-12162.002  
SCALE:  
1/4" = 1'-0"  
SHEET **10** OF **14**  
REVISION **—**






HVAC SCHEDULE		
ITEM NAME	VOLTAGE	DESCRIPTION
DH-1	480V	3PH, 45KW MAIN ROOM DUCT HEATER
DH-1 INTAKE FAN	208V	1PH, MAIN ROOM DUCT HEATER INTAKE FAN
DH-2	480V	3PH, 5KW CHEMICAL ROOM DUCT HEATER
DH-2 INTAKE FAN	115V	1PH, CHEMICAL ROOM DUCT HEATER INTAKE FAN

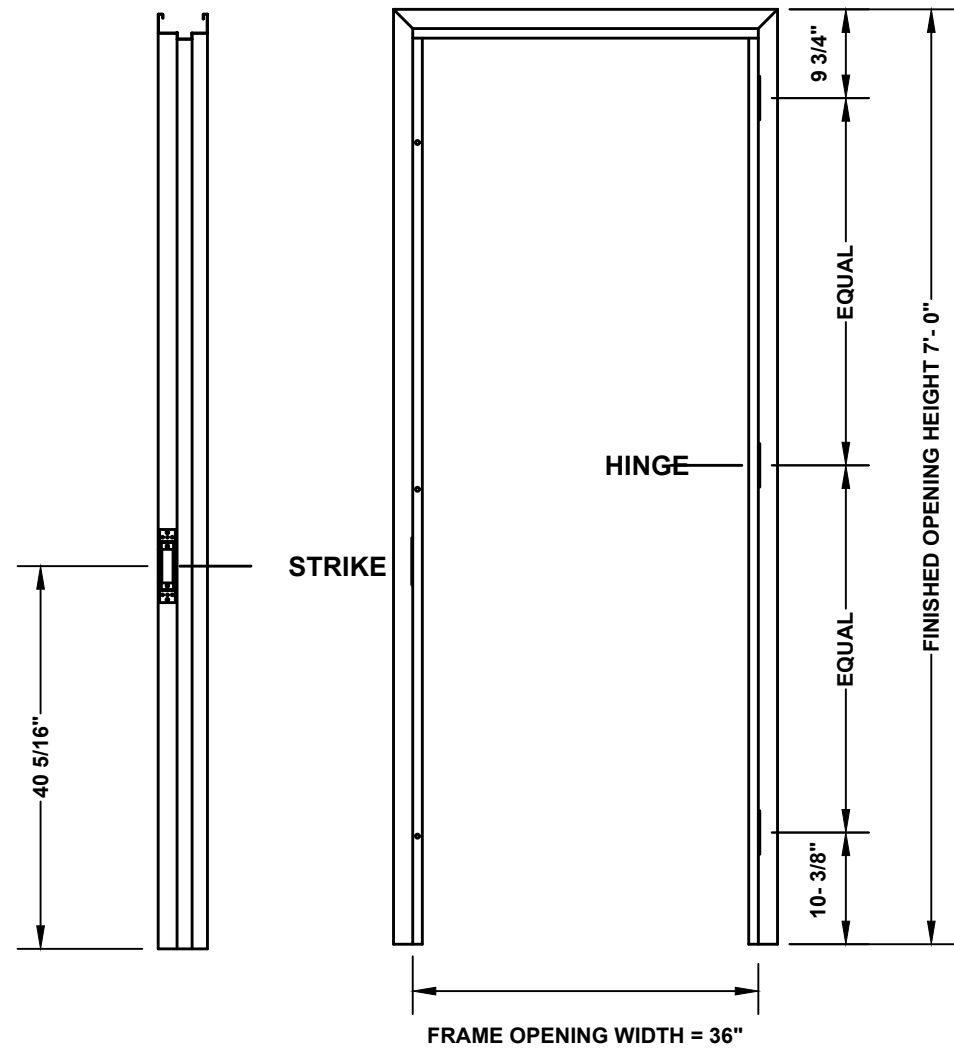
## LP-A PANEL SCHEDULE

## SCADA SYSTEM I/O LIST

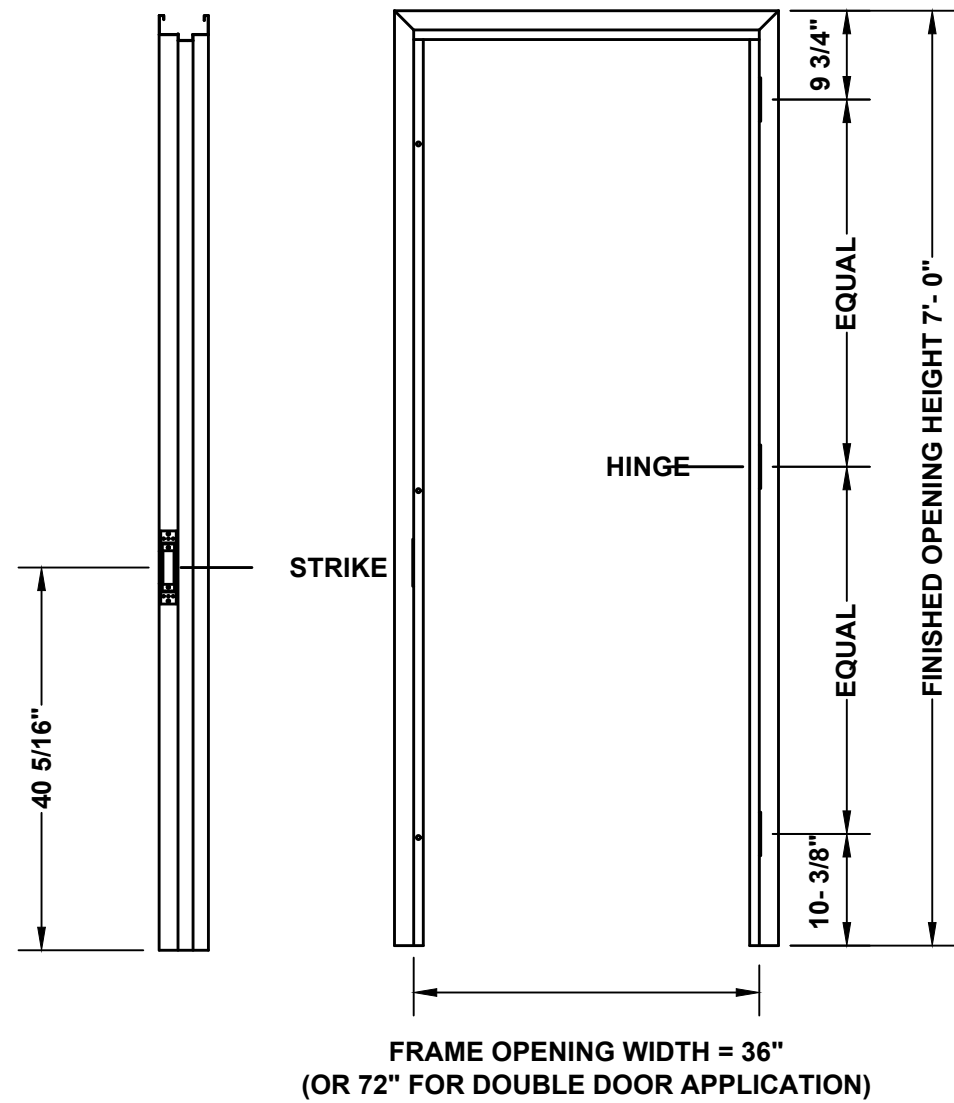
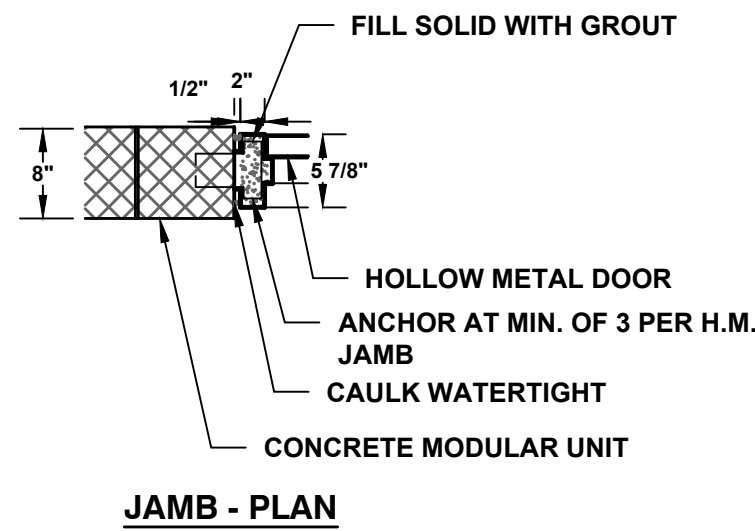


CONSULTANT: <b>ANDREW S. HOLT, P.E.</b> NY PROFESSIONAL ENGINEER <div style="position: absolute; top: 50px; left: 10px; font-size: 40px; color: black; transform: rotate(-30deg); opacity: 0.5;">60% DESIGN</div>	<b>NOTICE</b> THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.  THIS DRAWING MAY NOT BE COPIED, REPRODUCED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING					<div style="text-align: center;">   <b>SUBURBAN ENGINEERING</b>          - Civil Engineers -          - Landscape Architects -          - Land Surveyors -          7 Cokesbury Caldon Road, Lebanon, N.J. 08833 - 973.398.1776       </div>	<b>PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38</b> VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK			PROJECT NUMBER: SCE-12162.002								
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	ALL RIGHTS RESERVED						CHECKED BY: SAM	FOR CLIENT: SUEZ WATER NEW YORK INC.										
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DESCRIPTION	NO.	DATE:	BY:	CHK:														
<b>REVISIONS</b>																		
DATE: XX/XX/2021					EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT													
					<b>ELECTRICAL PLAN</b>													

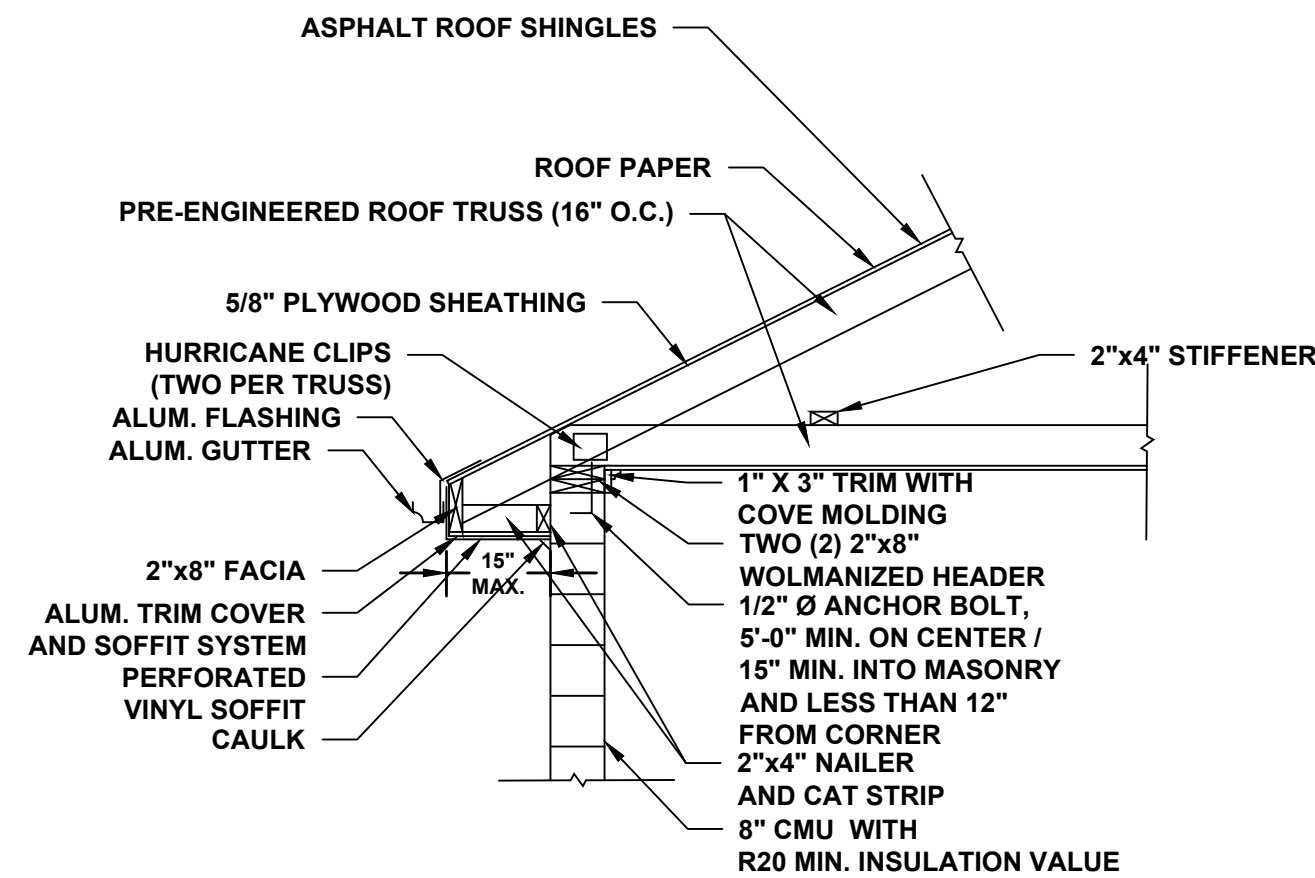
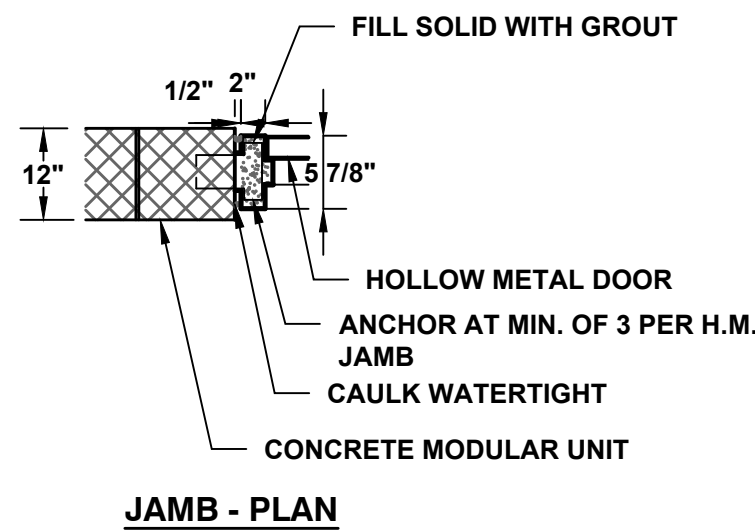




MASONRY WALL INTERIOR DOOR  
INSTALLATION DETAIL  
N.T.S.

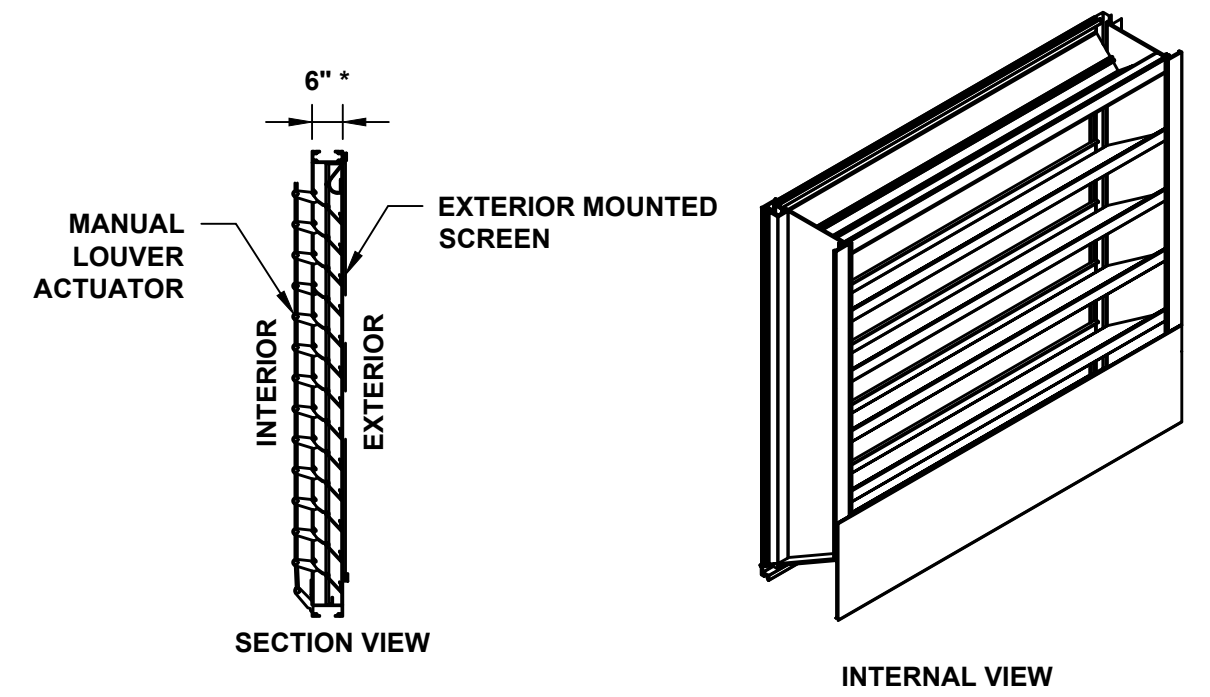


MASONRY WALL EXTERIOR DOOR  
INSTALLATION DETAIL  
N.T.S.

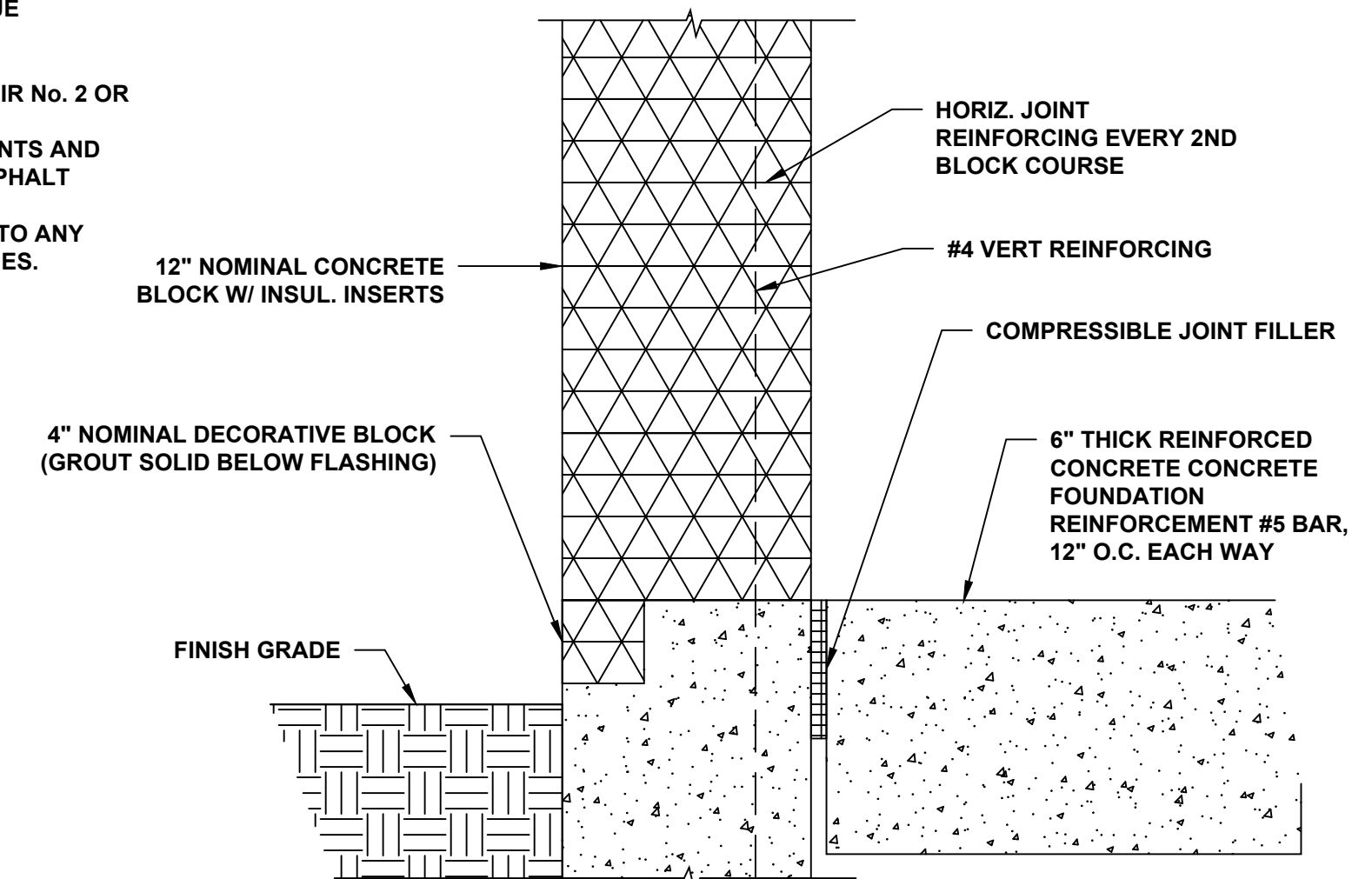


- NOTES:
1. LUMBER SHALL BE CONSTRUCTION GRADE DOUGLAS FIR No. 2 OR BETTER.
  2. ROOF PANEL CLIPS, TRIM, FASCIAS, CLOSURES, SEALANTS AND OTHER ACCESSORIES SHALL BE CONSISTENT WITH ASPHALT SHINGLE ROOF MANUFACTURER RECOMMENDATIONS.
  3. PROVIDE 20" X 30" ACCESS HATCH FOR ATTIC ACCESS TO ANY ATTIC AREA HAVING A CLEAR HEIGHT OF OVER 30 INCHES.

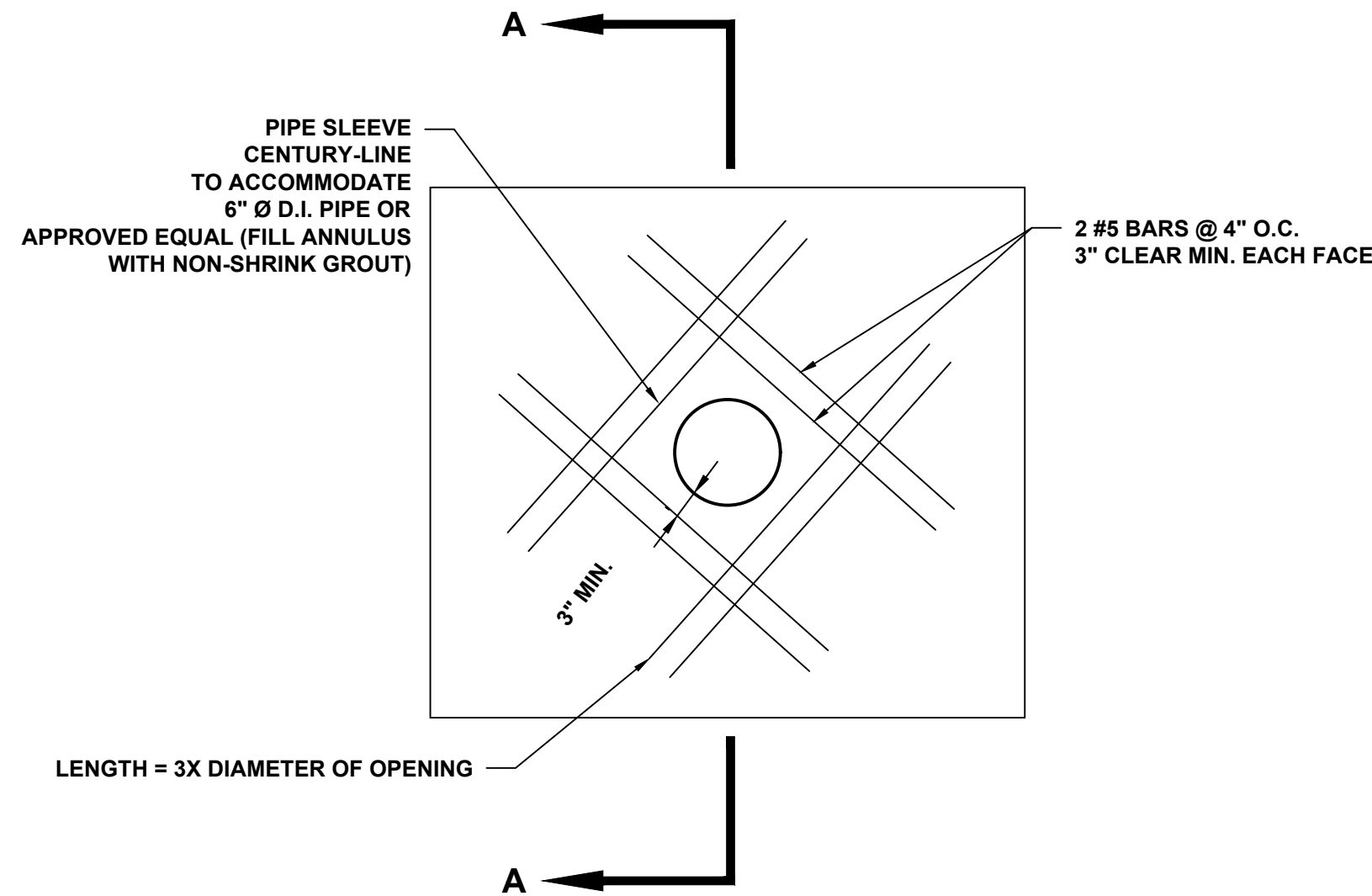
TYPICAL ROOF DETAIL  
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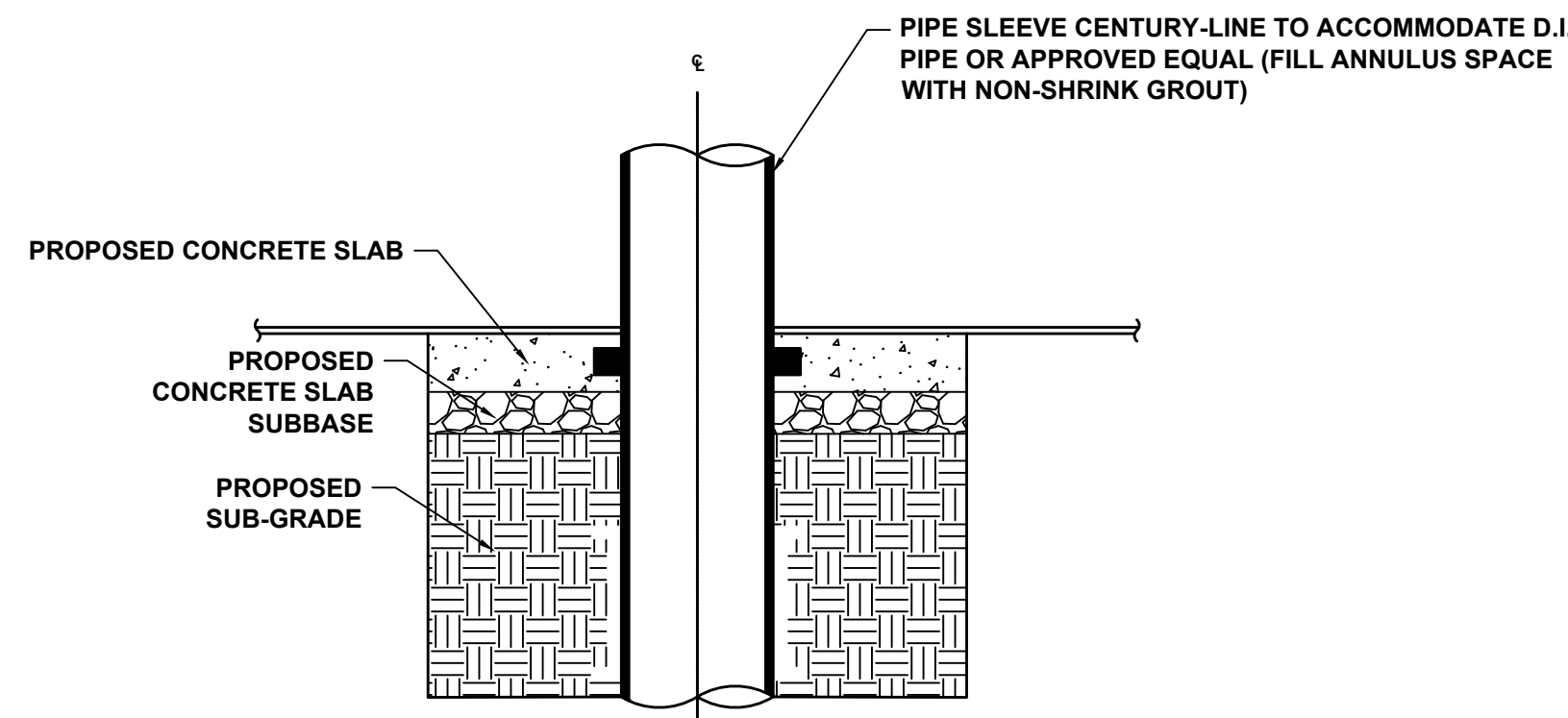
MANUAL OPERATED LOUVER DETAIL  
N.T.S.



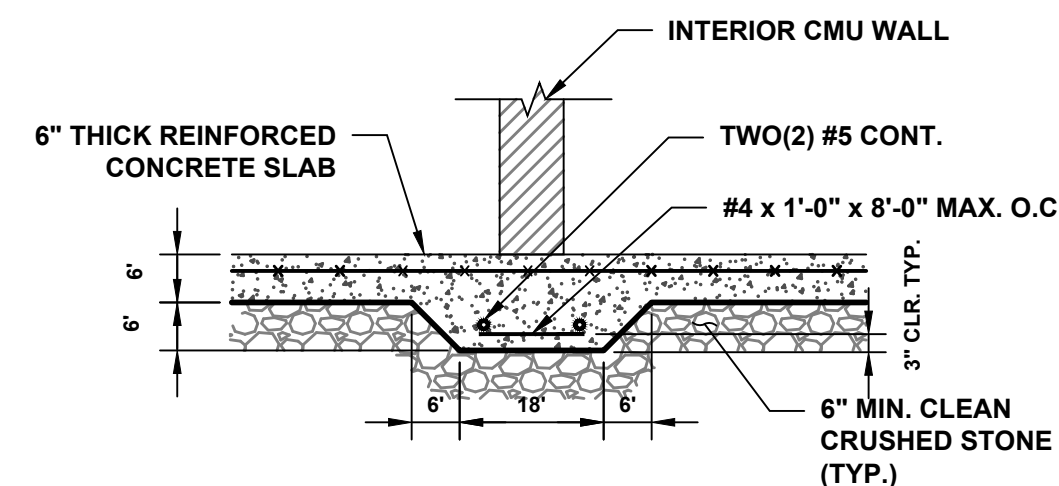
BASE OF WALL SECTION DETAIL  
N.T.S.



PLAN VIEW



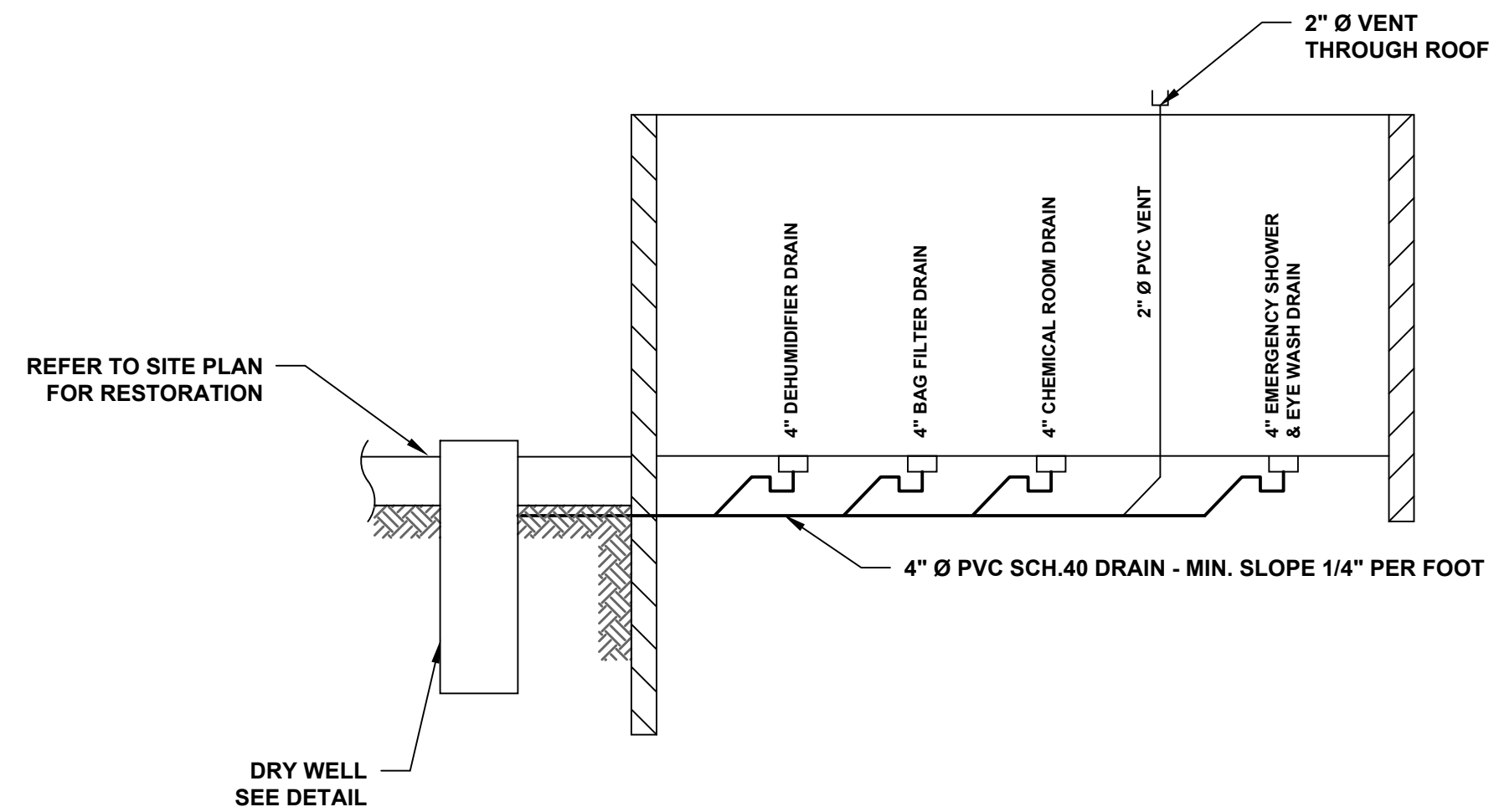
FLOOR PENETRATION DETAIL  
N.T.S.



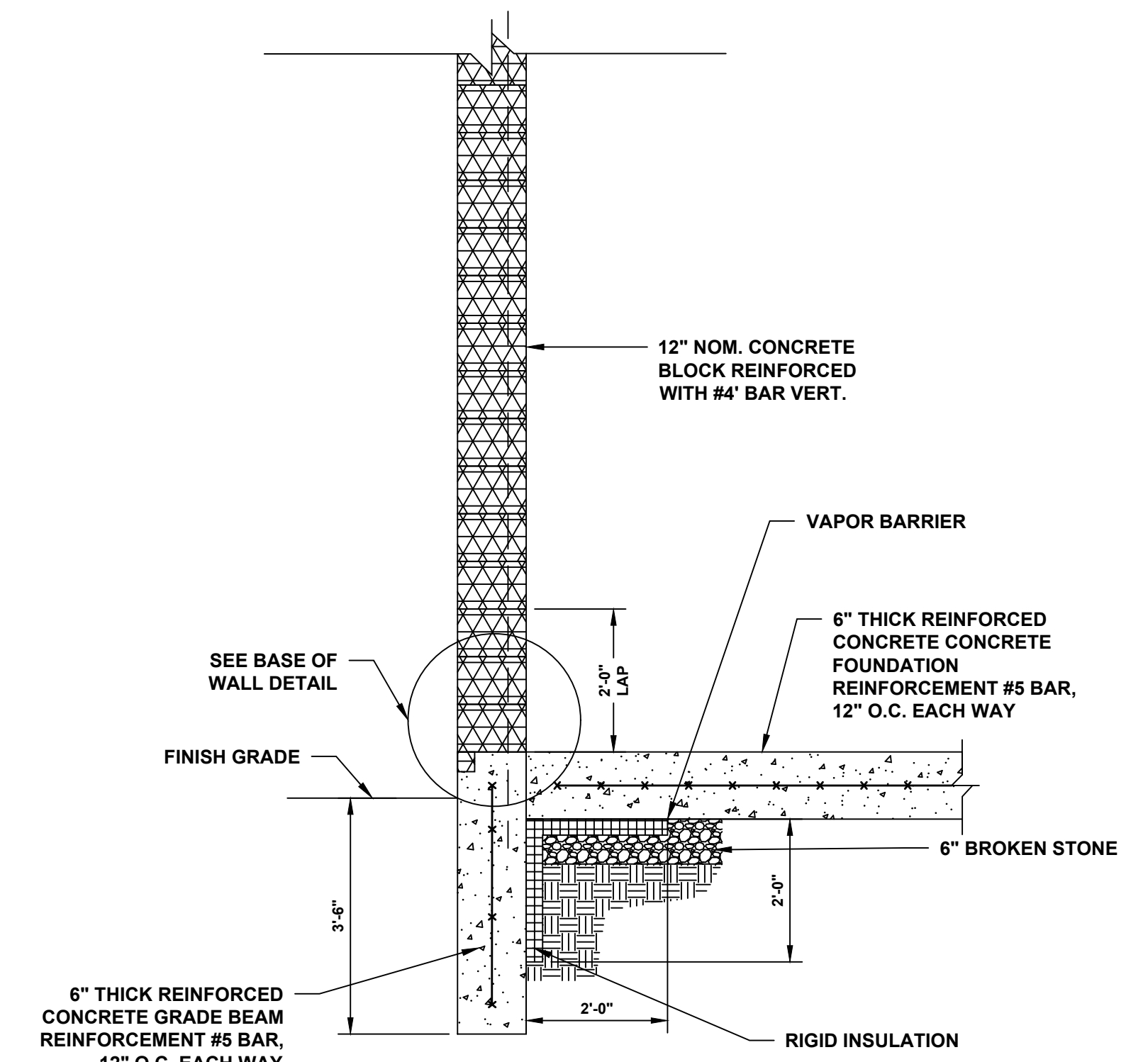
HAUNCHED FOOTING DETAIL  
N.T.S.

- NOTES:
1. 480V, 3PH, DUCT HEATERS SHALL BE USED TO PROVIDE HEAT AND VENTILATION FOR THE SITE.


ELECTRIC DUCT HEATER DETAIL  
N.T.S.



FLOOR DRAIN RISER DIAGRAM  
N.T.S.

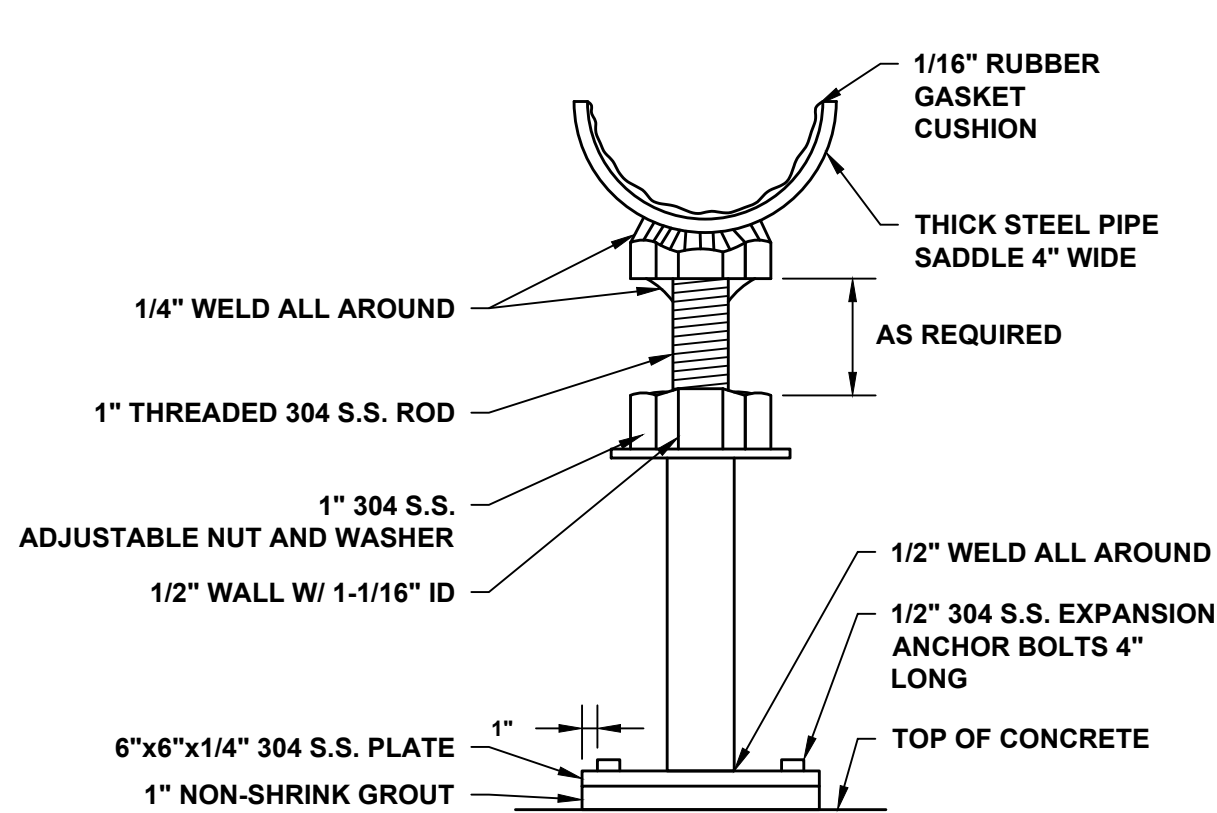


TYPICAL WALL SECTION DETAIL  
N.T.S.

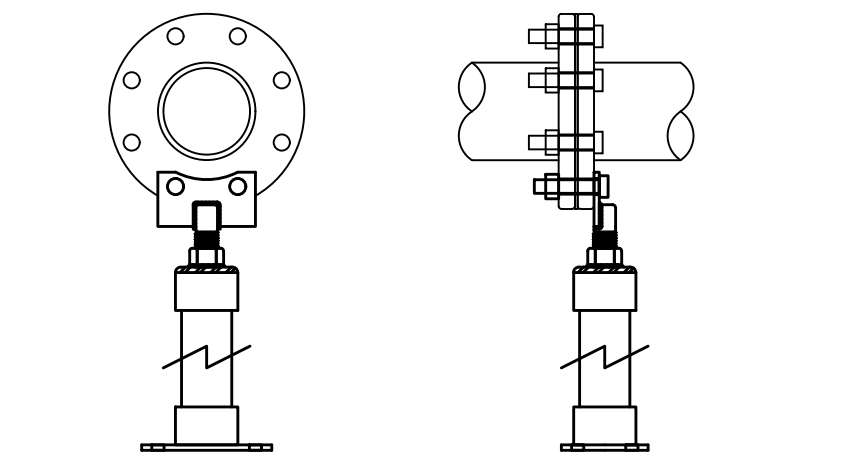
CONSULTANT: <b>ANDREW S. HOLT, P.E.</b> NY PROFESSIONAL ENGINEER <b>60% DESIGN</b>		<b>NOTICE</b> THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED. THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING. ELECTRONIC SUBMISSIONS NOT CONTAINING A VALID DIGITAL SEAL OR PAPER COPIES NOT CONTAINING A RAISED SEAL ARE NOT ORIGINALS AND MAY HAVE BEEN ALTERED. © COPYRIGHT 2021 SUBURBAN ENGINEERING ALL RIGHTS RESERVED					<b>DRAWN BY:</b> JAW  <b>CHECKED BY:</b> SAM  <b>CHECKED BY:</b> WAS					 <b>SUBURBAN ENGINEERING</b>  - Civil Engineers - - Landscape Architects - - Land Surveyors -  7 Cokesbury Caldon Road, Lebanon, NJ, 08833 - 973.398.1776 <b>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</b>			<b>PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38</b> <b>VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</b> <b>FOR CLIENT: SUEZ WATER NEW YORK INC.</b>			PROJECT NUMBER: SCE-12162.002  SCALE: N.T.S.									
DATE: XX/XX/2021		<table><thead><tr><th>DESCRIPTION</th><th>NO.</th><th>DATE:</th><th>BY:</th><th>CHK:</th></tr></thead><tbody><tr><td colspan="5">REVISIONS</td></tr></tbody></table>					DESCRIPTION	NO.	DATE:	BY:	CHK:	REVISIONS											<b>CONSTRUCTION DETAILS I</b>			SHEET <b>12</b> OF <b>15</b>  REVISION -	
DESCRIPTION	NO.	DATE:	BY:	CHK:																							
REVISIONS																											



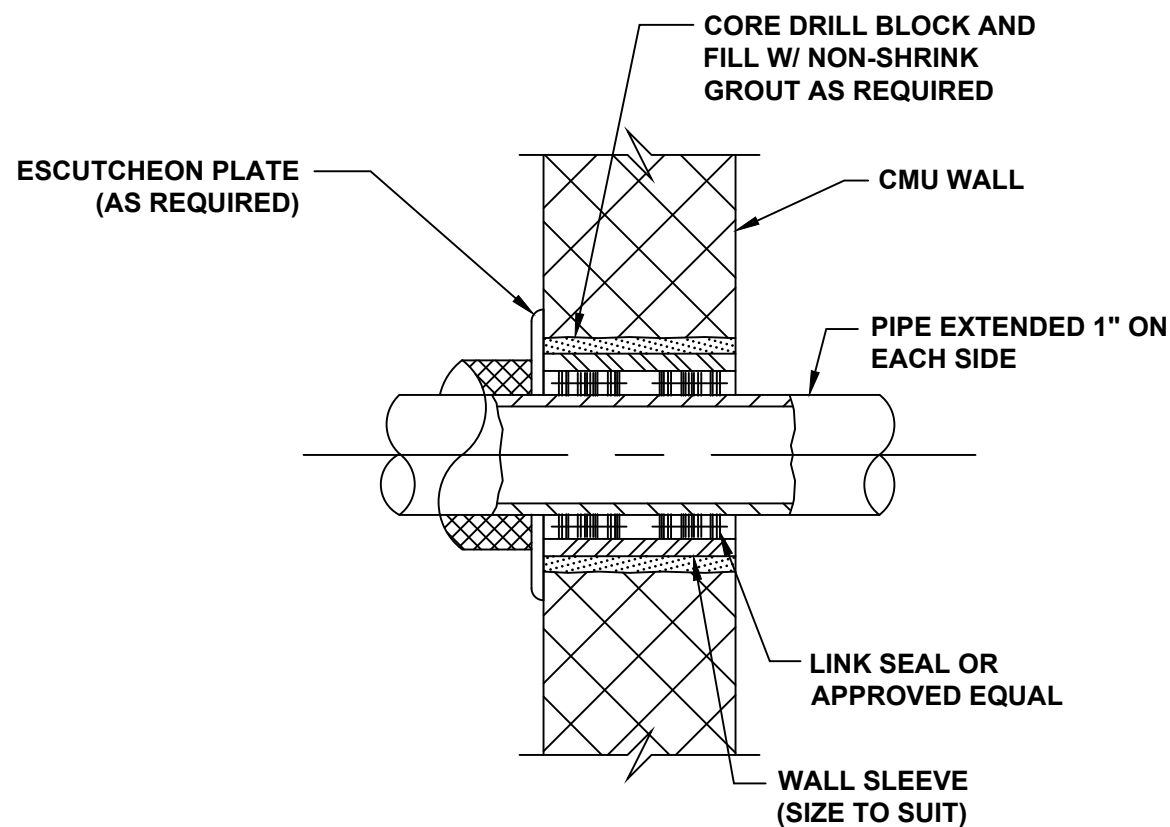
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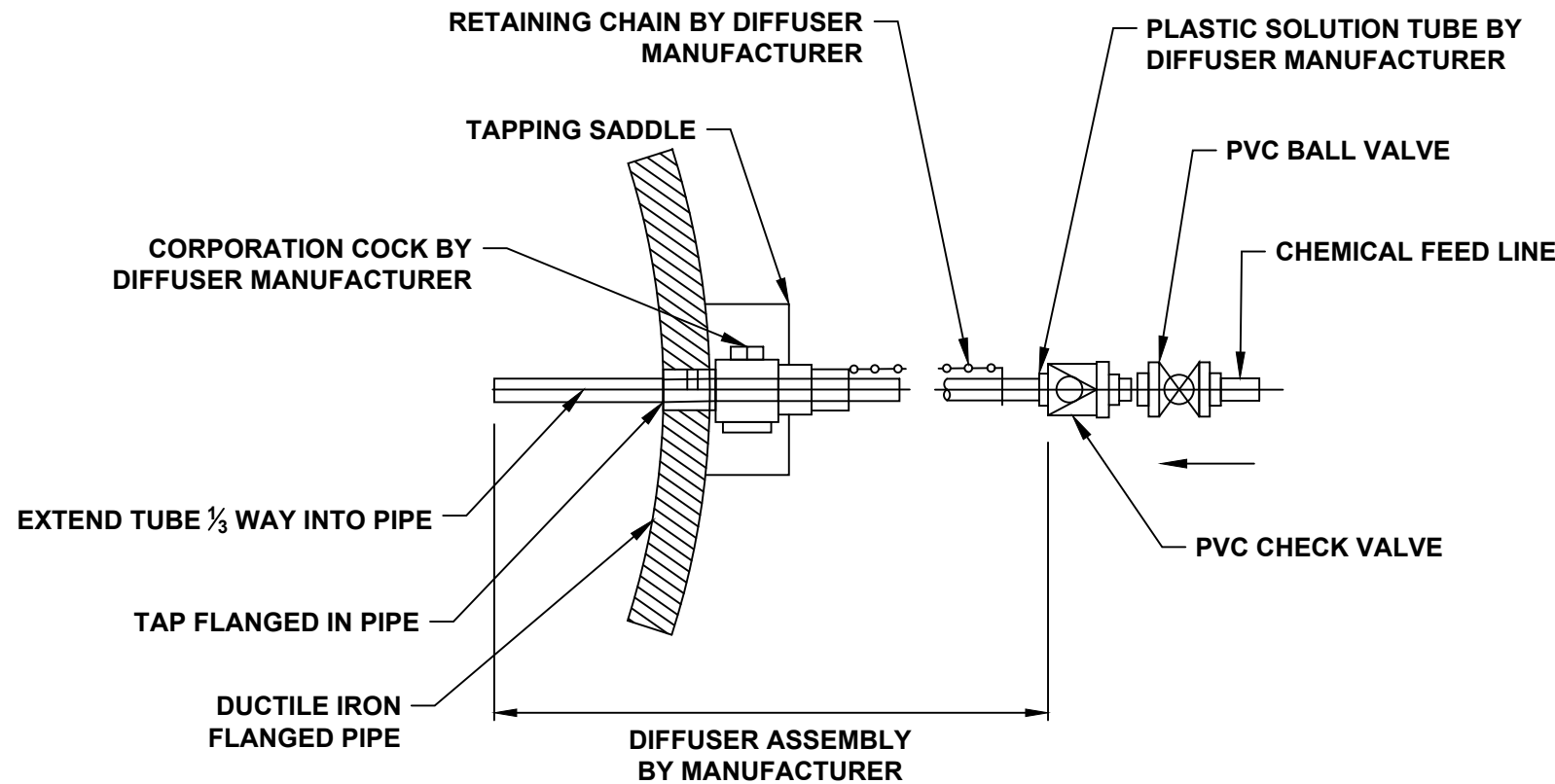
**PIPE SUPPORT DETAIL**  
N.T.S.



**FLANGE SUPPORT DETAIL**  
N.T.S.



**WALL PENETRATION DETAIL**  
SCALE = N.T.S.



**DIP CHEMICAL INJECTION DETAIL**  
SCALE = N.T.S.

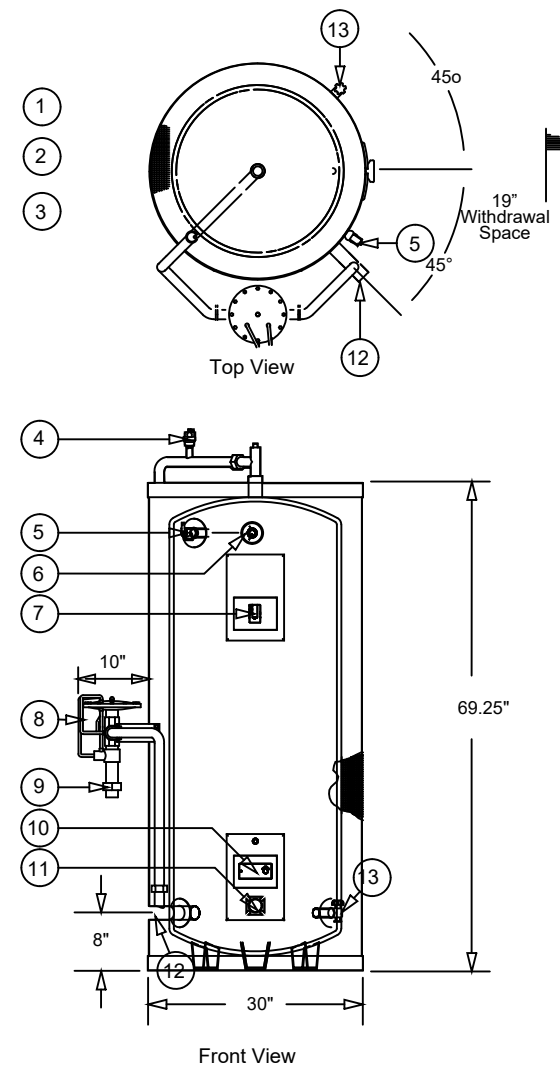
- CHEMICAL INJECTION NOTES:**
1. CONTRACTOR SHALL PROVIDE A SAF-T-FLOW RETRACTABLE INJECTION QUILL MODEL, OR APPROVED EQUAL. THE SADDLE FOR TEE FITTING SHALL BE 3/4"Ø FOR INJECTION QUILL, OR OTHERWISE DIRECTED FOR THE PROPER INSTALLATION OF THE QUILL. THE CHEMICAL RESISTANT TUBING FOR THE QUILL IS 3/8", CONTRACTOR SHALL PROVIDE REDUCER TO 1/4" TUBING AS REQUIRED.
  2. INJECTION SHALL BE INSTALLED AT THE 90-DEGREE MARK ON THE PIPE PER SUEZ PREFERENCE.

HOT WATER HEATER DEPICTED: HUBBELL HOT WATER MODEL EMV OR APPROVED EQUAL: 1500 WATT EMV SINGLE PHASE MODEL. HOT WATER HEATER SHALL SERVICE EMERGENCY EYEWASH AND SHOWER ONLY

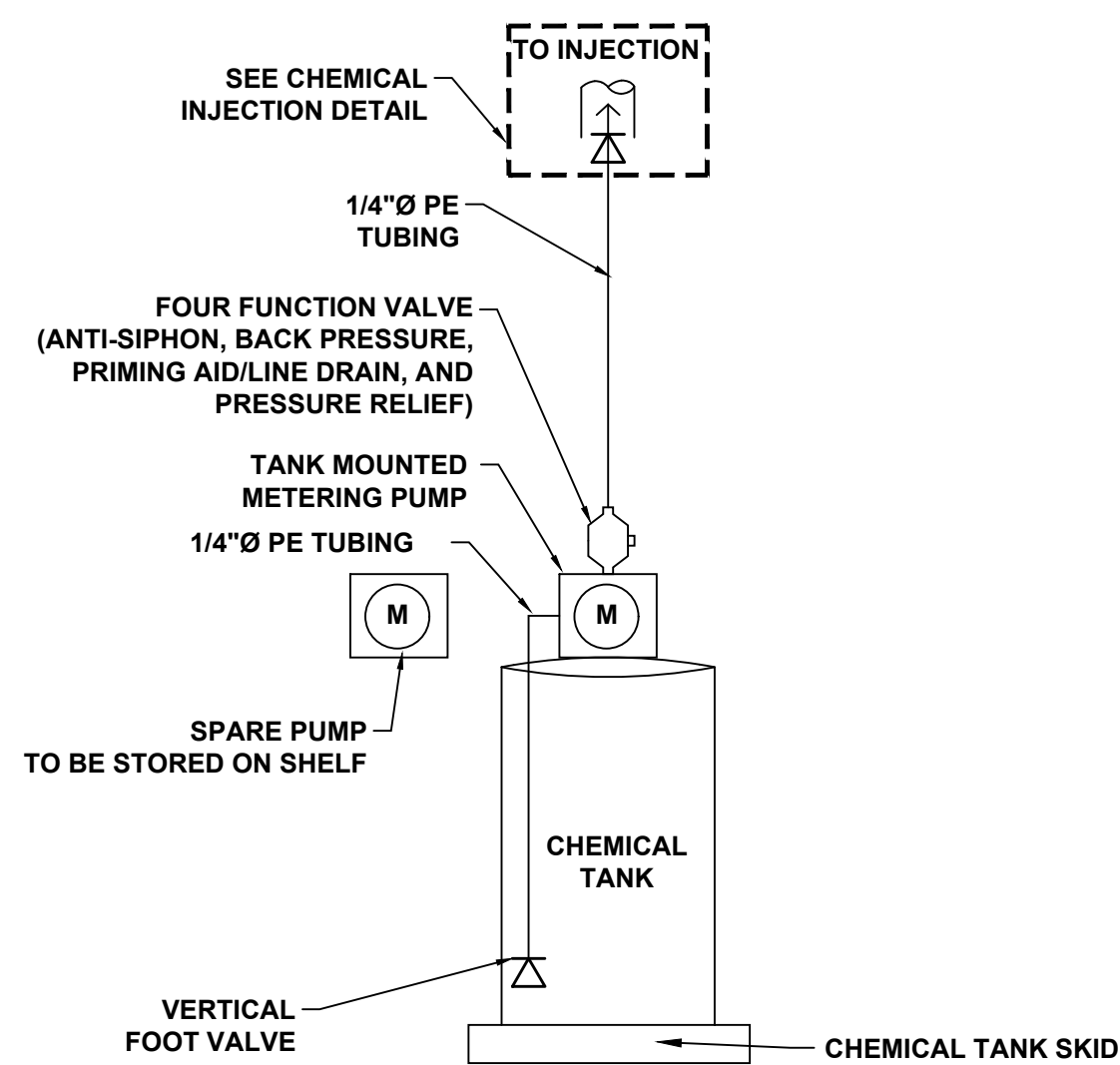
**NOTES:**

1. STORAGE TANK RATED FOR 150 PSI WP
2. ASME RATED T&P RELIEF VALVE FACTORY INSTALLED AND PIPED TO 12" FROM FLOOR
3. ALL ELECTRICAL CONTROLS ARE INSIDE AND PRE-WIRED
4. MIXING VALVE (8) IS FACTORY SET, CALIBRATED AND TESTED TO DELIVER 85°F WATER

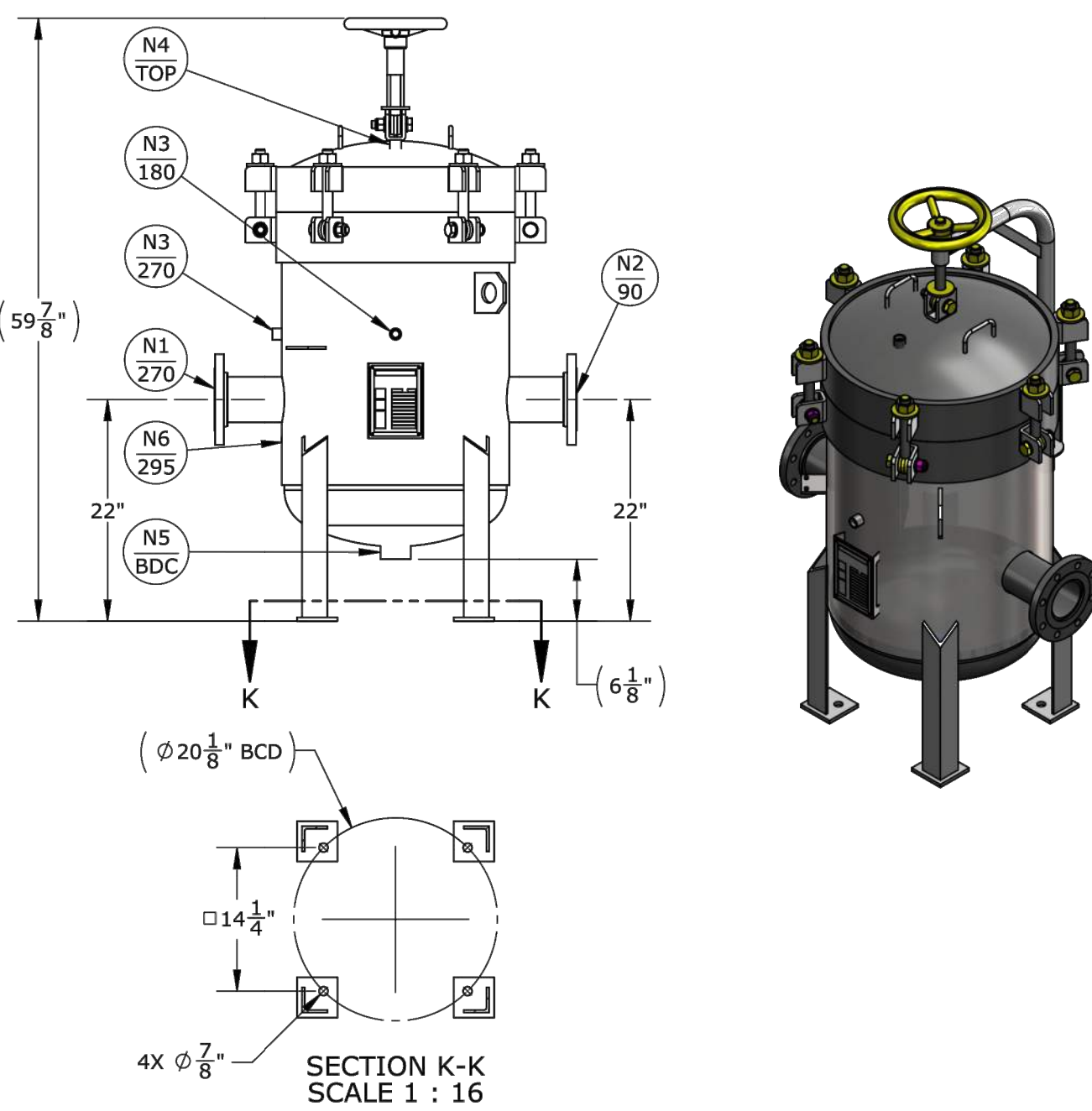
Number	Description
1	Hydrastone cement Lined Tank
2	3" Polyurethane Foam Insulation
3	Corrosion Resistant Jacket
4	Air Vent Valve
5	Relief Valve Connection
6	Dial Temperature Pressure Gauge
7	Hi-Limit Thermostat
8	Mixing Valve
9	Temid Water Outlet
10	Tank Operating Thermostat
11	Heating Element
12	Cold Water Inlet
13	Drain Connection



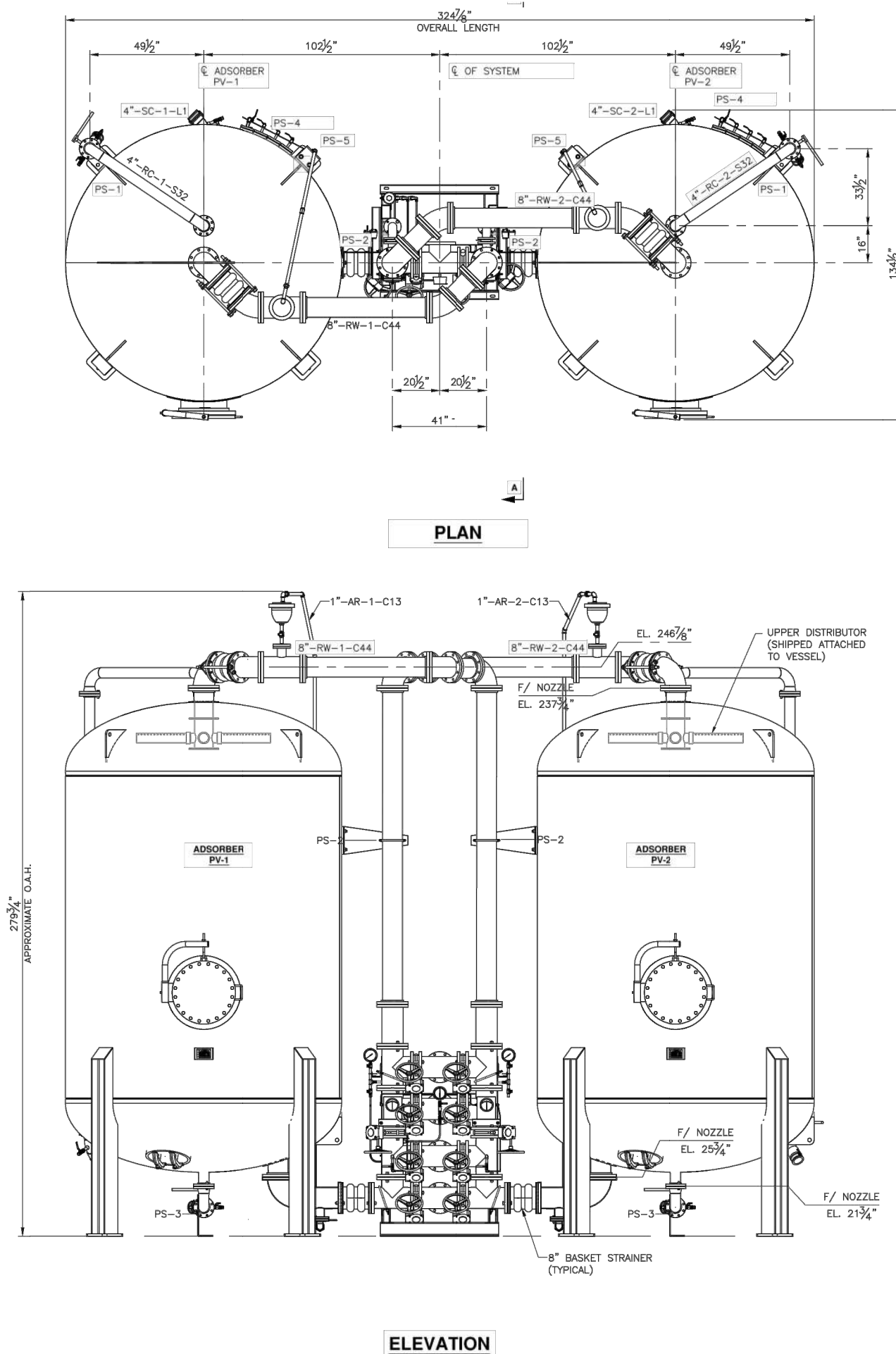
**TEPID WATER HEATING SYSTEM DETAIL**  
N.T.S.



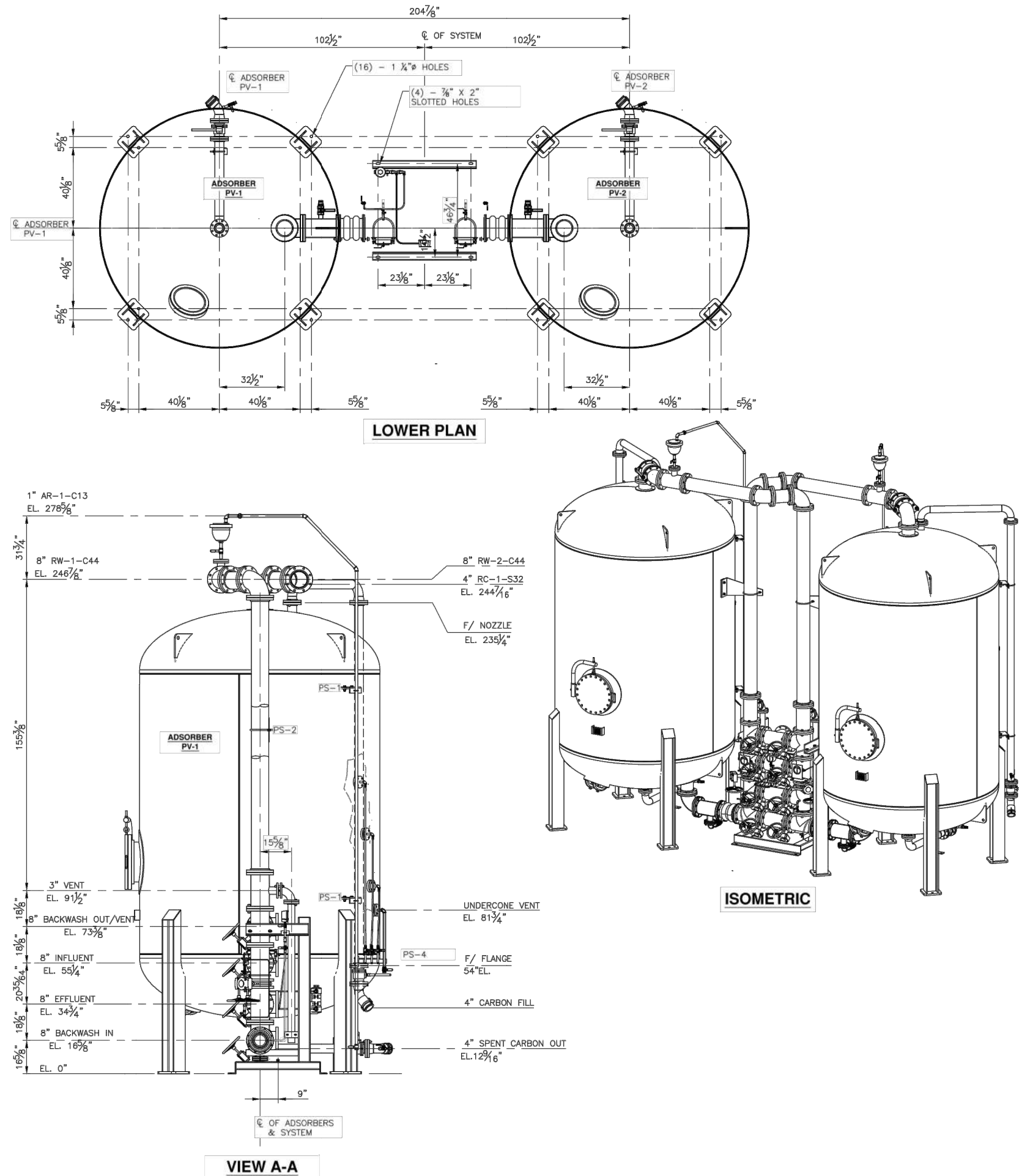
**CHEMICAL SUPPLY/FEED SYSTEM SCHEMATIC**  
SCALE = N.T.S.



**PROPOSED FILTREK BAG FILTER**  
SCALE = N.T.S.



**CALGON MODEL 12 GAC UNIT DETAIL**  
SCALE = N.T.S.



CONSULTANT:  
**ANDREW S. HOLT, P.E.**  
NY PROFESSIONAL ENGINEER

**60% DESIGN**

DATE: XX/XX/2021

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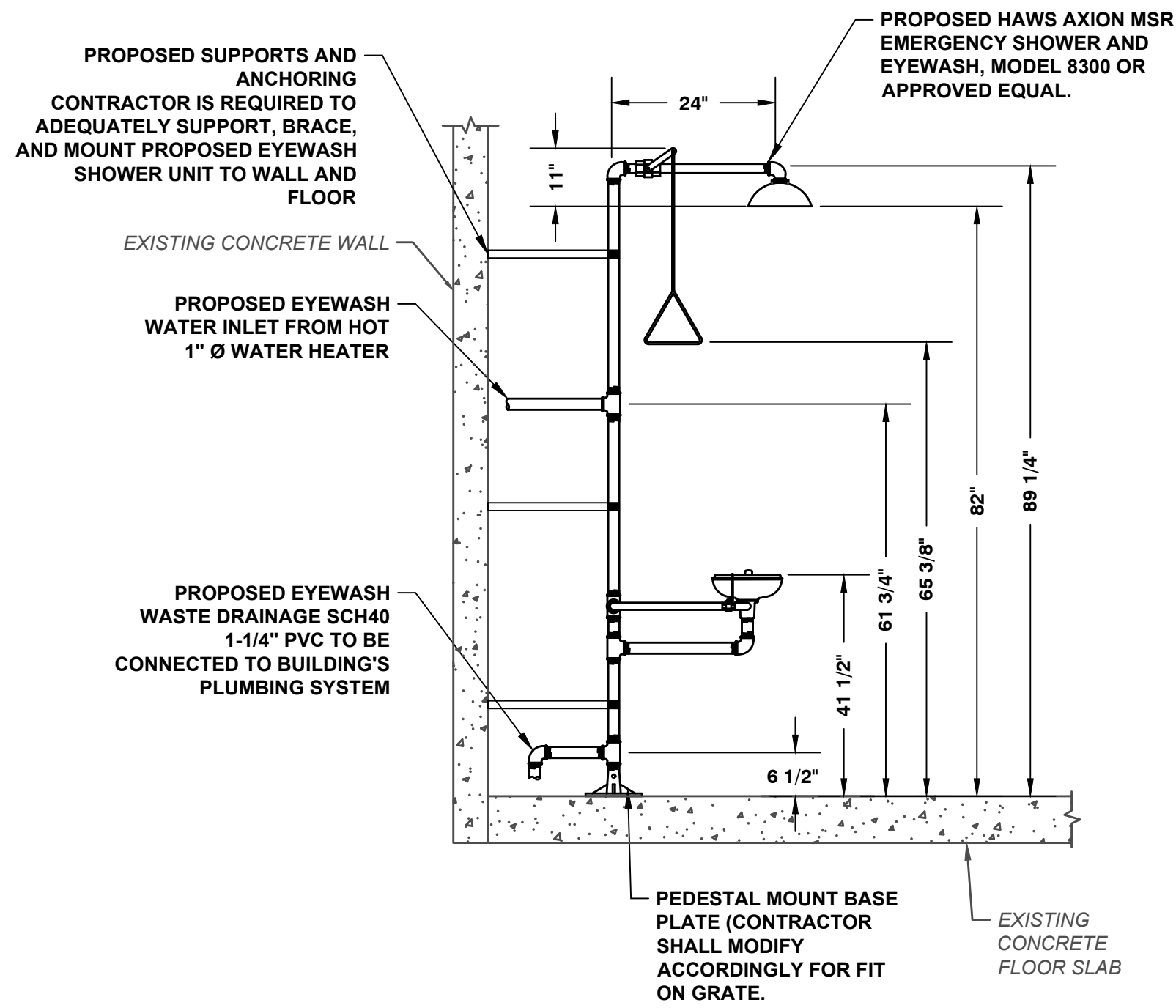


**PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38**  
VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK  
FOR CLIENT: **SUEZ WATER NEW YORK INC.**  
**CONSTRUCTION DETAILS II**

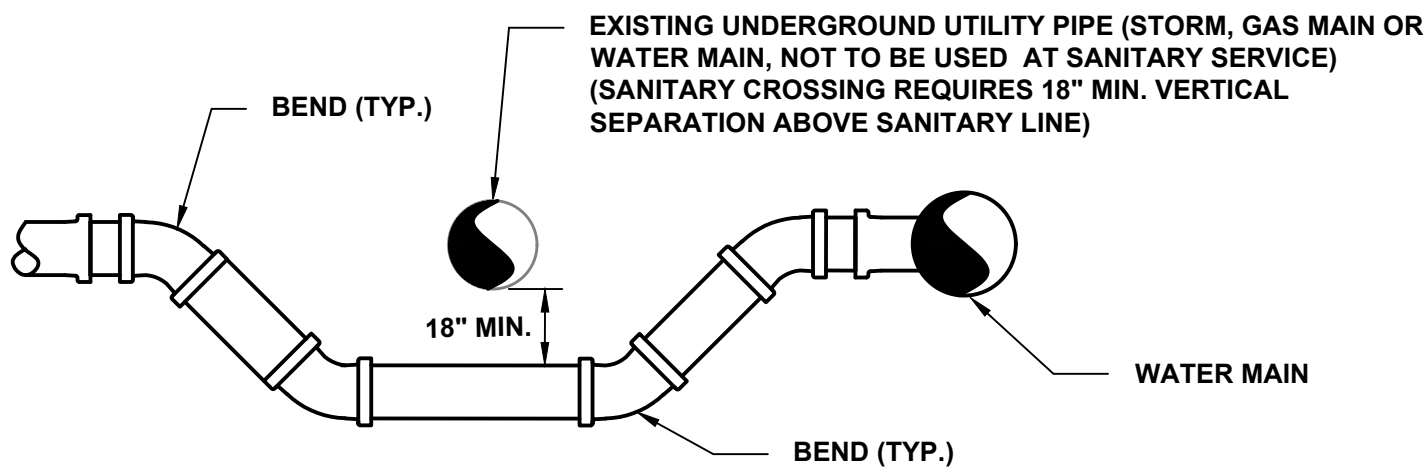
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SCE-12162.002  
SCALE:  
N.T.S.  
SHEET **13** OF **15**  
REVISION -



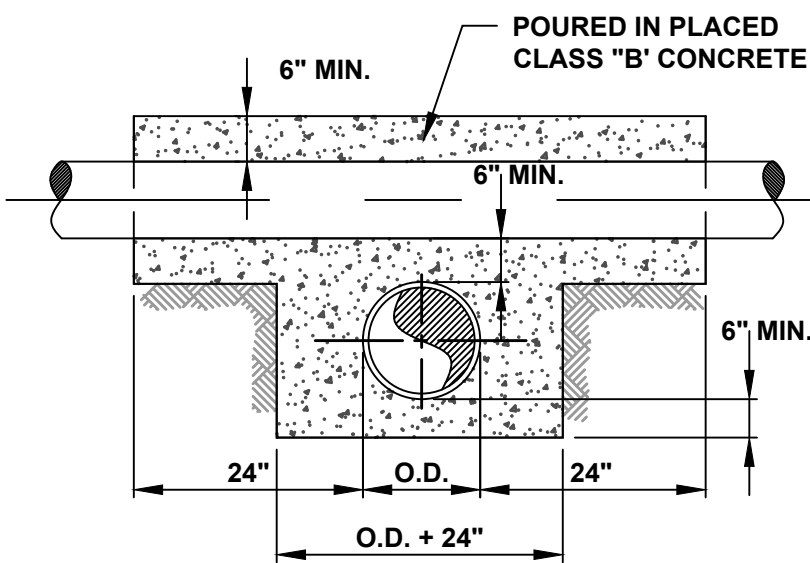
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**EYEWASH AND SHOWER DETAIL**  
SCALE = N.T.S.

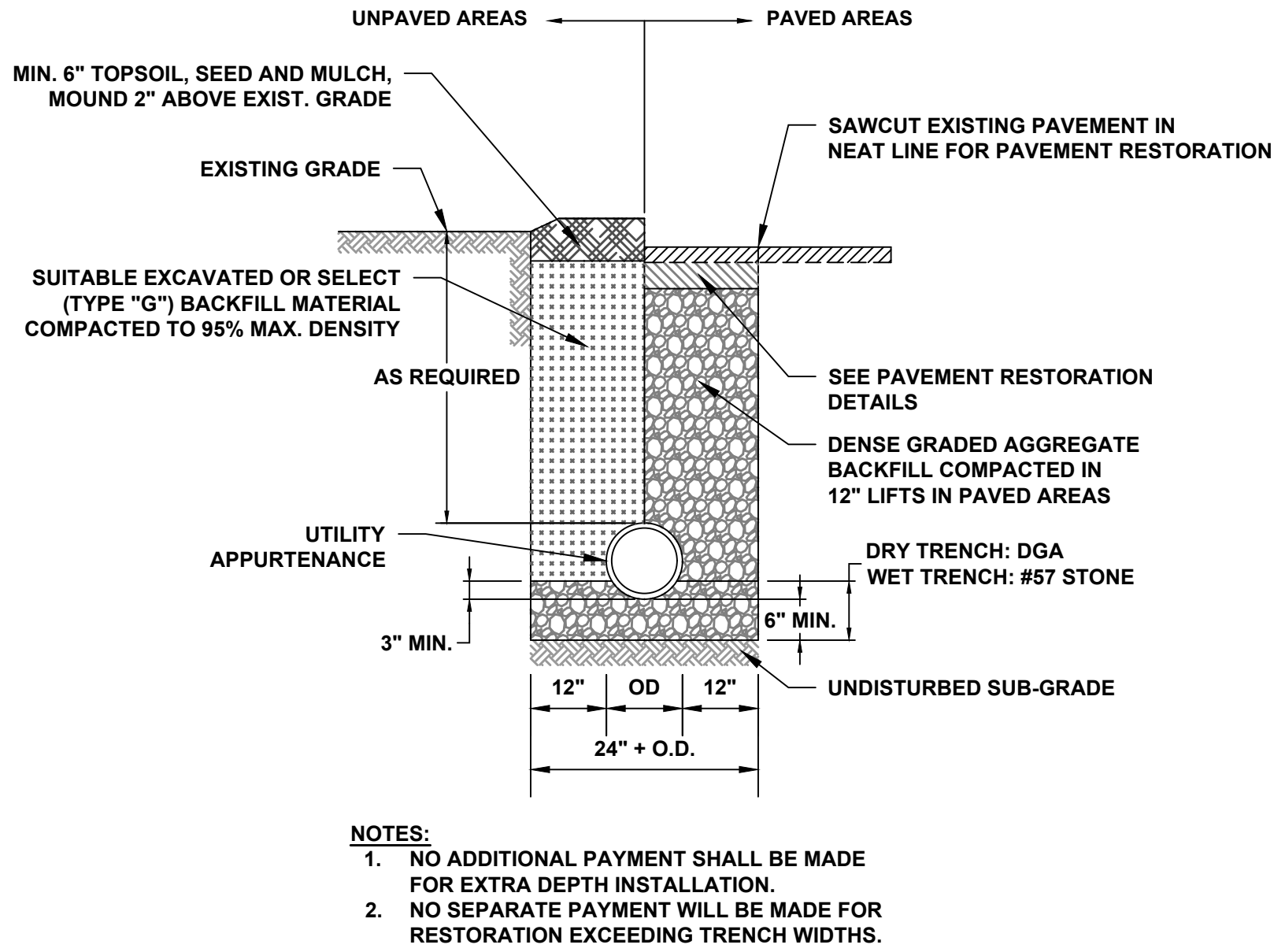


**TYPICAL UTILITY CROSSING DETAIL**  
N.T.S.



**UTILITY CROSSING DETAIL**  
N.T.S.

- NOTES:
1. AS REQUIRED BASED ON TEST PIT ANALYSIS.
  2. ENCASEMENT OF LOWER PIPE TO BE CARRIED 24\"
  3. THE ENCASEMENT SHOWN SHALL BE REQUIRED WHERE THE CLEARANCE BETWEEN PIPES IS 12\"

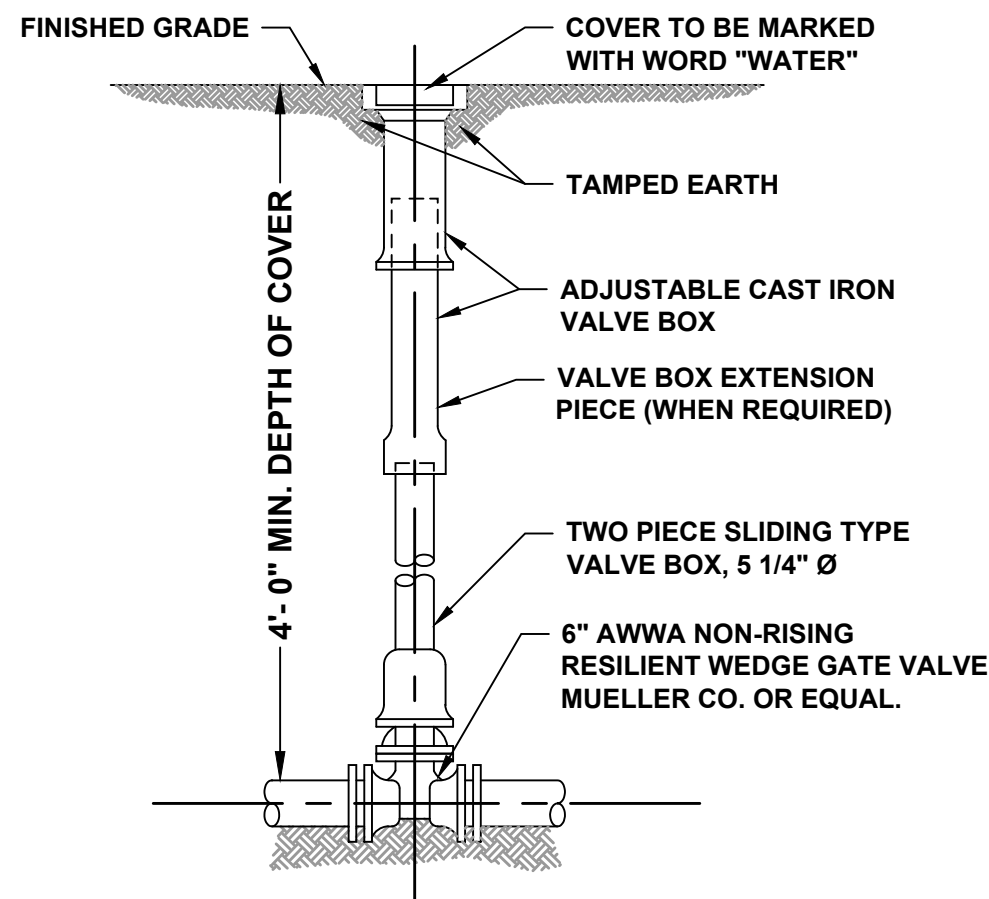


**TYPICAL TRENCH DETAIL**  
N.T.S.

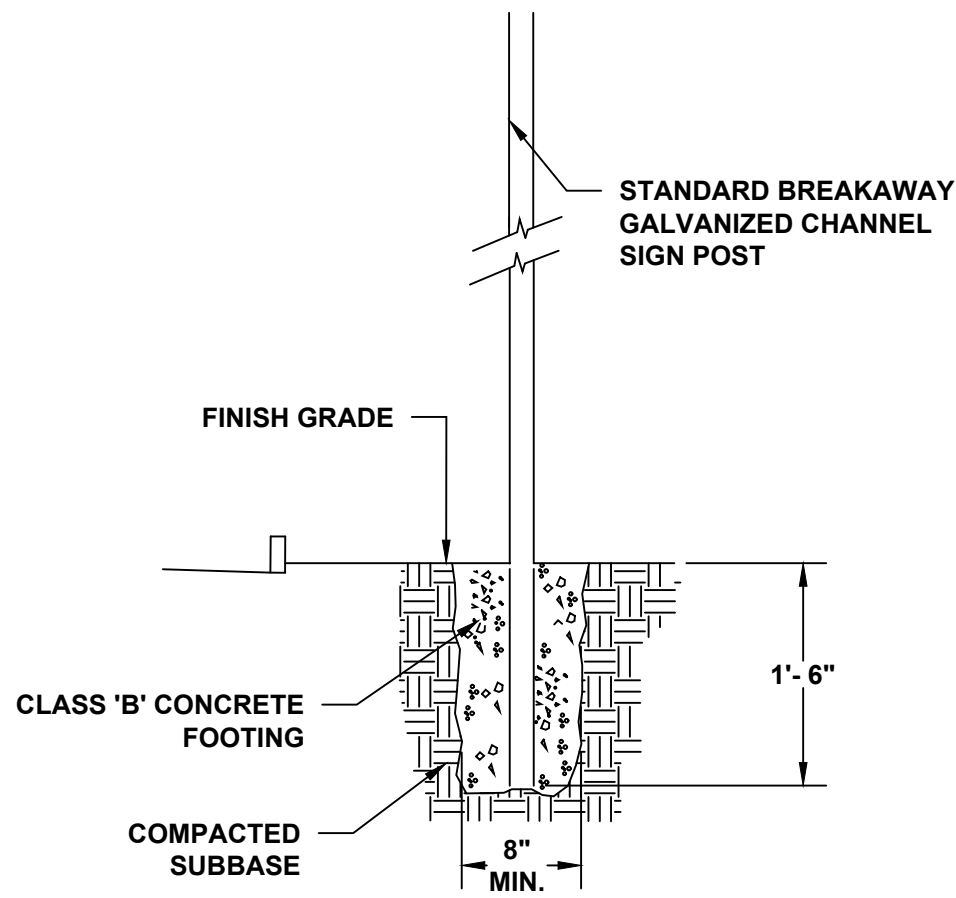
**SIDEWALK NOTES:**

1. SUBBASE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
2. EXPANSION JOINTS OF 1/2\"
3. LONGITUDINAL JOINTS, EVERY 1/4\"
4. TRANSVERSE SURFACE GROOVES SHALL BE CUT IN SIDEWALKS BETWEEN EXPANSION JOINTS AT INTERVALS EQUAL TO THE SIDEWALK WIDTH.
5. ALL JOINTS AND EDGES TO BE TOOLED.
6. SURFACE SHALL BE BRUSHED TRANSVERSELY TO A NEAT FINISH.
7. ADJACENT GROUND SHALL BE BACKFILLED AND GRADED TO MATCH THE EXISTING GROUND.

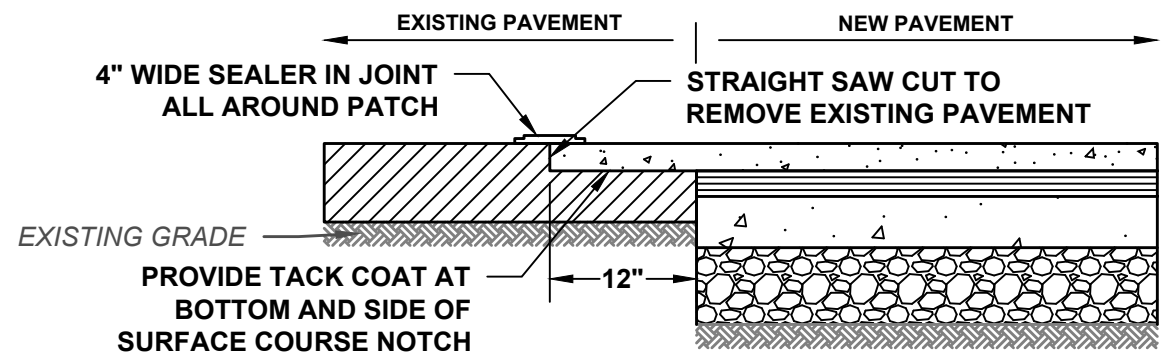
**STANDARD CONCRETE SIDEWALK**  
N.T.S.



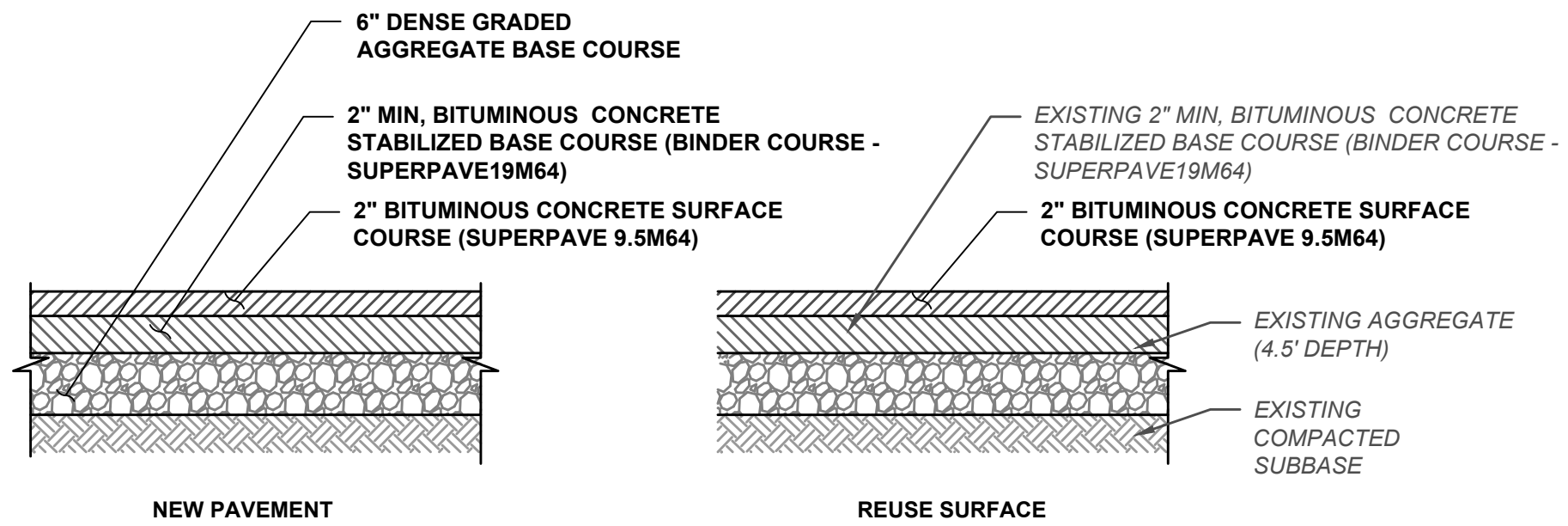
**GATE VALVE & BOX DETAIL**  
N.T.S.



**SIGN INSTALLATION DETAIL**  
N.T.S.



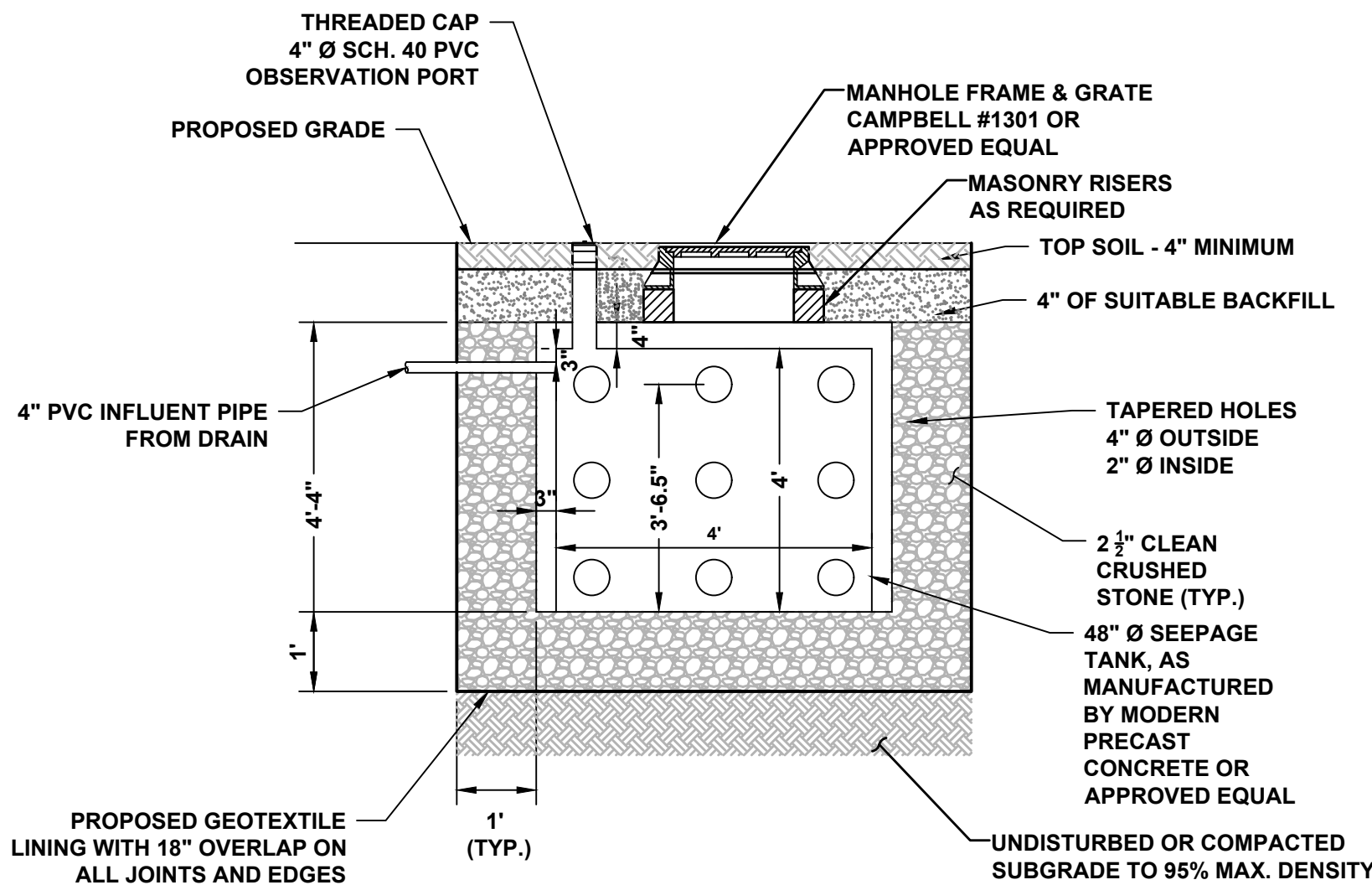
**PAVEMENT BUTTING DETAIL**  
N.T.S.



**PAVEMENT RESTORATION NOTES:**

1. NEW PAVEMENT WILL BE INSTALLED WHERE EXISTING ASPHALT: 1) WHERE IT DOES NOT EXIST, 2) IS LESS THAN 2\"
2. SUEZ REPRESENTATIVE WILL PERFORM A VISUAL INSPECTION TO ESTIMATE WHICH AREAS WILL REQUIRE NEW PAVEMENT AND CONFIRM NEW PAVEMENT AREAS WITH THE CONTRACTOR FOLLOWING MILLING.
3. ALL THICKNESS SHOWN ABOVE ARE AFTER COMPACTION.
4. AFTER PAVEMENT IS COMPLETE, CONTRACTOR WILL RAISE/LOWER SURROUNDING GRADE LEVEL WITH NEW DRIVEWAY SURFACE, INCLUDING REGRADING, RESEEDING, AND SOIL EROSION CONTROLS.

**PAVEMENT DETAIL**  
N.T.S.



**PROPOSED 48\"/>**

CONSULTANT:  
**ANDREW S. HOLT, P.E.**  
NY PROFESSIONAL ENGINEER

**60% DESIGN**


DATE: XX/XX/2021

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JAW  
CHECKED BY:  
SAM  
CHECKED BY:  
WAS



**SUBURBAN  
ENGINEERING**

- Civil Engineers -  
- Landscape Architects -  
- Land Surveyors -

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<b>PRELIMINARY SITE PLAN FOR SUEZ WATER NY PFAS COMPLIANCE POMONA WELL NO. 38</b> VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK		PROJECT NUMBER: SCE-12162.002
FOR CLIENT: <b>SUEZ WATER NEW YORK INC.</b>		SCALE: N.T.S.
<b>CONSTRUCTION DETAILS III</b>		SHEET <b>14</b> OF <b>15</b>
		REVISION -



ROCKLAND COUNTY SOIL & WATER CONSERVATION DISTRICT SOIL EROSION & SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, AND SHALL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. THE SITE AT ALL TIME SHALL BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND INSPECTING ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ON REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
4. STOCKPILES ARE NOT TO BE LOCATED WITHIN A FLOODPLAIN, BUFFER, ON A SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HAY BALE SEDIMENT BARRIER OR SILT FENCE.
5. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
6. ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE WORK AREA OR ONTO PUBLIC RIGHT-OF-WAY, SHALL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
7. DUST SHALL BE CONTROLLED AT ALL TIMES IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
8. TREES TO REMAIN AFTER CONSTRUCTION WITHIN THE WORK AREA SHALL BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
9. TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EARTHEN BERM, RIP RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTION SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
10. ALL DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN OPEN OR UNFINISHED FOR MORE THAN 10 DAYS SHALL BE TEMPORARILY SEEDED WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR CLAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE. A TEMPORARY SEEDING AND/ OR MULCHING SHOULD BE APPLIED TO DISTURBED AREAS THAT ARE LEFT FOR 15 DAYS UNLESS CONSTRUCTION WILL BEGIN WITHIN 30 DAYS.
11. SILT THAT LEAVES THE SITE SHALL BE COLLECTED AND REMOVED AS DIRECTED BY APPROPRIATE MUNICIPAL AUTHORITIES.
12. AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS RE-GRADED, PLANTED, OR TREATED IN ACCORDANCE WITH APPROVED PLANS.
13. ALL AREAS DISTURBED BY ON SITE GRADING, THAT ILL NOT BE CONSTRUCTED UPON, SHALL BE STABILIZED WITH PERMANENT VEGETATIVE COVER, USING THE FOLLOWING SEEDING SCHEDULE, OR EQUIVALENT:

	<u>1 LB. PER ACRE</u>	<u>1 LB PER 1,000 SF</u>
KENTUCKY BLUE GRASS -	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYE GRASS -	5	0.10

14. ALL SEEDED AREAS TO HAVE AN APPLICATION OF THE FOLLOWING:  
LIME - AMOUNT NEEDED TO OBTAIN A pH OF 5.5  
FERTILIZER - 15 LBS. PER 1,000 SF OF 10-20-10 FERTILIZER OR APPROVED EQUAL.  
IF NOT LANDSCAPED OTHERWISE, ALL NEW CONSTRUCTED STEEP PERMANENT SLOPED LESS THAN 1 (VERTICAL) : 2.5 (HORIZONTAL) TO BE SEEDED WITH THE FOLLOWING:
- |                                    |                       |                          |
|------------------------------------|-----------------------|--------------------------|
|                                    | <u>1 LB. PER ACRE</u> | <u>1 LB PER 1,000 SF</u> |
| CREeping RED FESCUE -              | 10                    | 0.45                     |
| TALL FESCUE OR SMOOTH BROMEGRASS - | 15                    | 0.35                     |
| W/ PERENNIAL RYE GRASS             | 5                     | 0.10                     |

15. ALL SLOPES 1 (VERTICAL): 2.5 (HORIZONTAL) TO BE MULCHED AND STABILIZED WITH CLOTH FABRIC AND PINNED TO THE GROUND.
16. SOD CAN BE USED INSTEAD OF SEED CONSTRUCTION SEQUENCE
- a. CONSTRUCTION STABILIZING CONSTRUCTION ENTRANCE.
- b. INSTALL SEDIMENT BARRIERS AS PER NOTE 1 ABOVE.
- c. CONSTRUCT DIVERSION SWALES AND DRAINAGE SYSTEMS WITH MINIMUM NECESSARY CLEARING.
- d. CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS O BE DISTURBED.
- e. PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.
- f. INSTALL SEDIMENT CONTROL BARRIERS AROUND ALL STORM DRAIN INLETS.
- g. SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OR 30 DAYS AS PER NOTE 2 ABOVE.
- h. AFTER COMPLETION OF SITE CONSTRUCTION FINE GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED AS PER NOTES 13 AND 14 ABOVE.
- i. REMOVE SEDIMENT BARRIERS AS PER NOTE 12 ABOVE.
- j. MAINTAIN ALL SEEDED AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE SPECS.
17. ALL CONSTRUCTION TO MEET CURRENT TOWN SPECS.
18. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SEEDING IN ALL DISTURBED AREAS.

SEEDING HIERARCHY

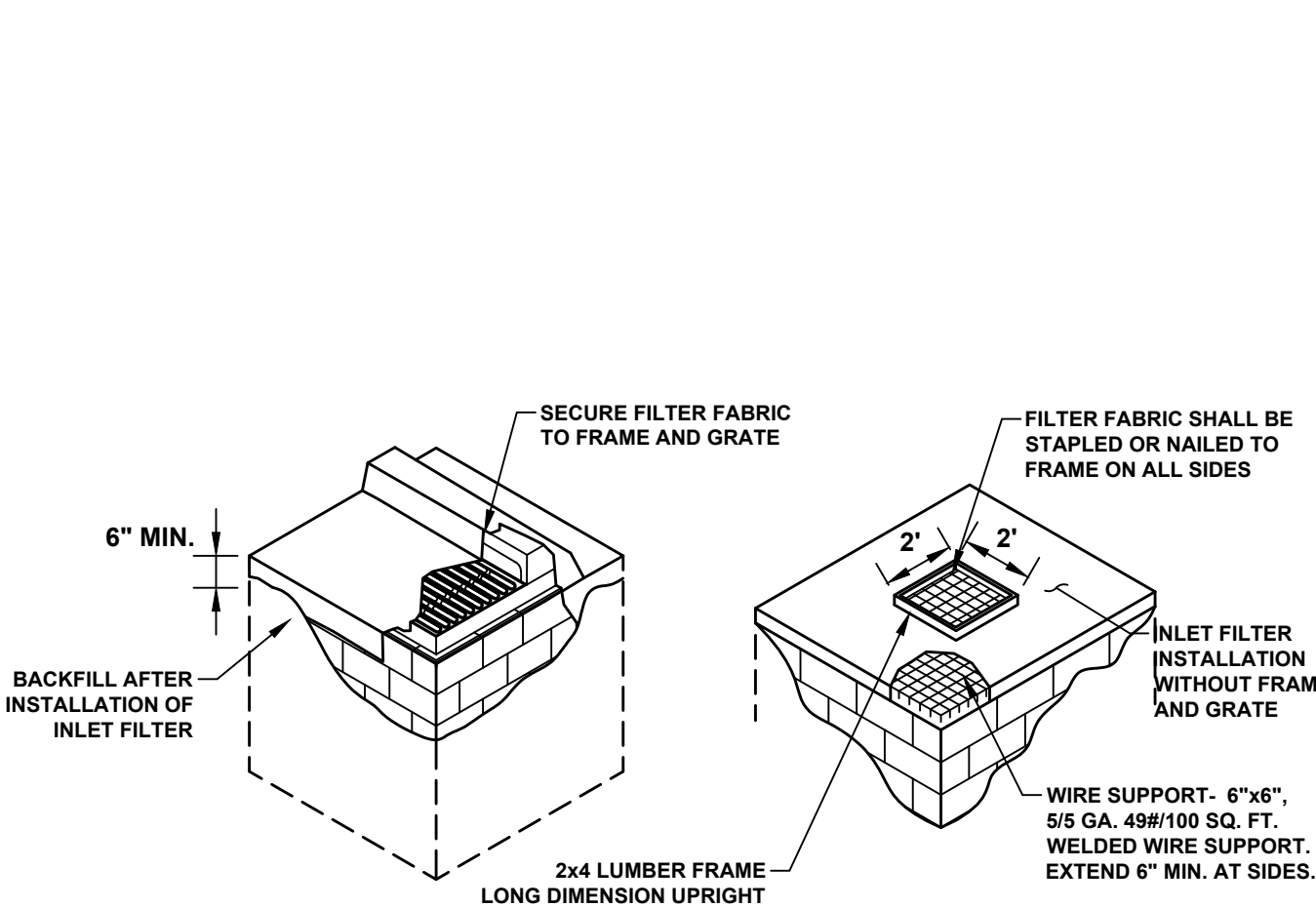
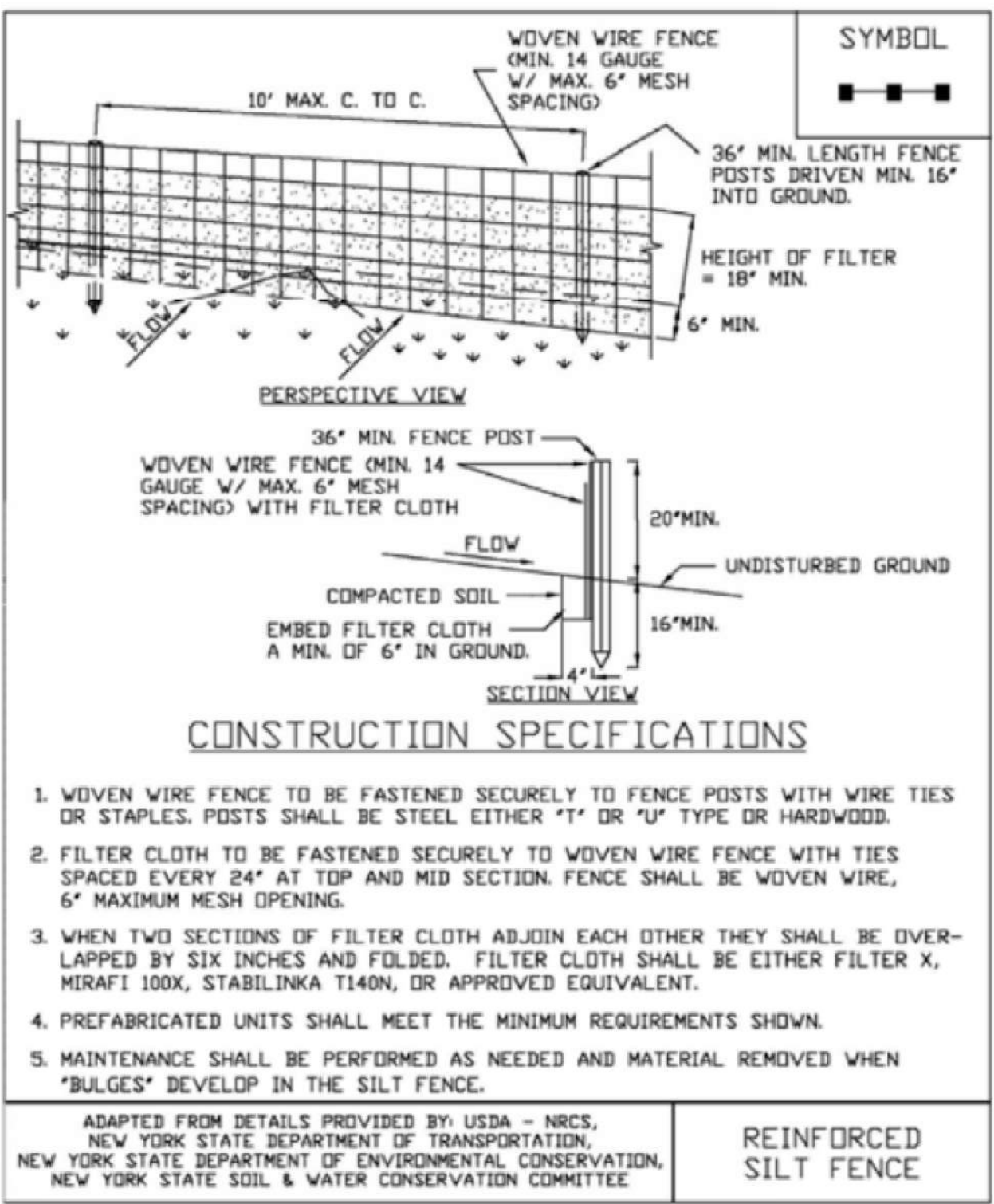
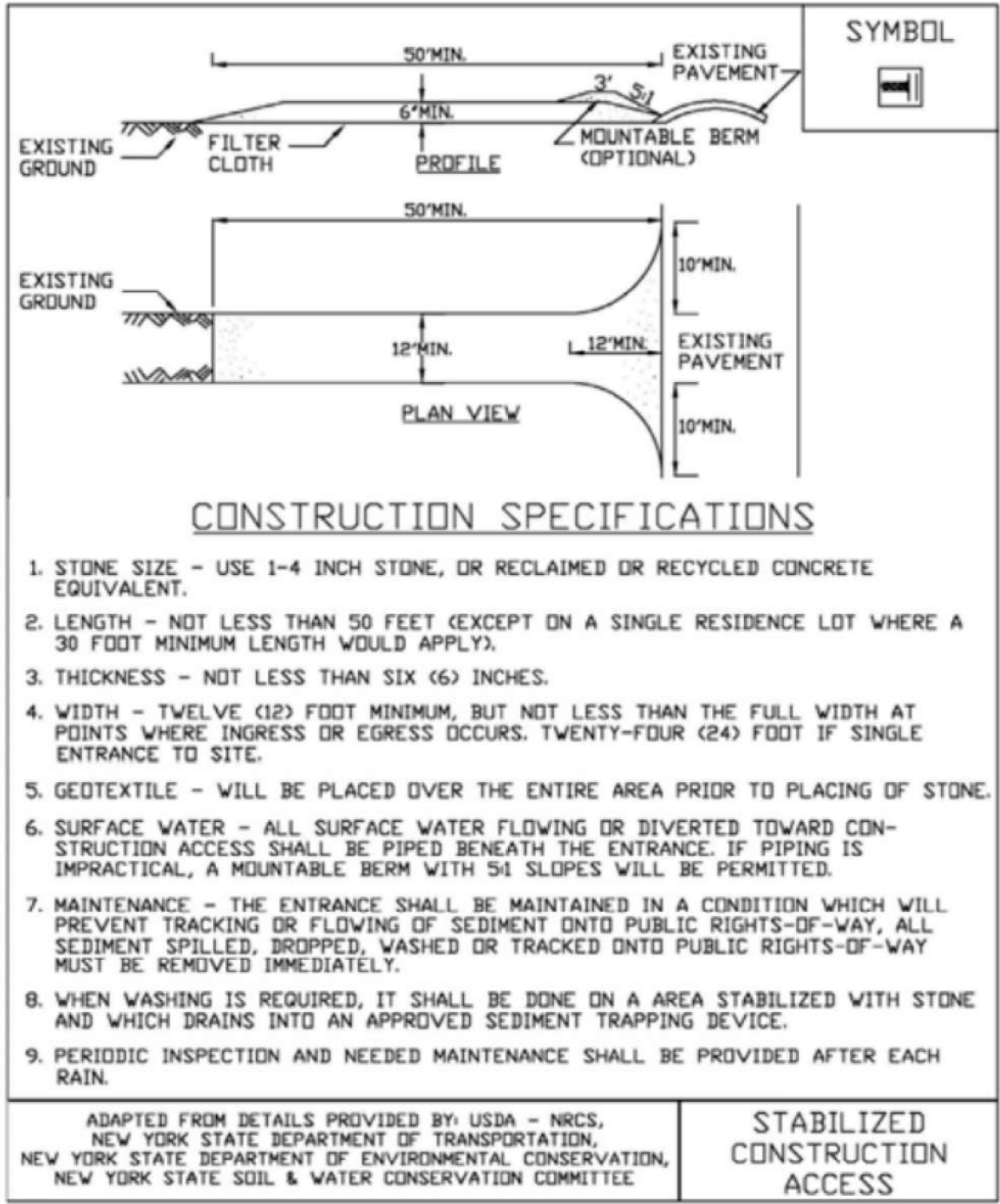
1. REFER TO PLANTING PLAN FOR AREAS TO RECEIVE "ROADSIDE MIX".
2. REFER TO BASIN PLANTING NOTES FOR BASIN ONLY.
3. REFER TO NOTES 13-15 ABOVE FOR ALL OTHER DISTURBANCE AREAS.

DETENTION BASIN MAINTENANCE NOTES:

1. THE LONG TERM MAINTENANCE OF THE ON-SITE DETENTION BASIN SHALL BE THE RESPONSIBILITY OF THE OWNER.
2. THE DETENTION BASIN HAS BEEN DESIGNED WITH A POND DRAIN TO ALLOW DEWATERING OF THE BASIN.
3. THE DETENTION BASIN SHOULD BE MAINTAINED IN ACCORDANCE WITH THE PROCEDURES AND GUIDELINES CONTAINED IN THE LATEST EDITION OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL.
4. THE DETENTION BASIN SHOULD BE INSPECTED ON A MONTHLY BASIS AND IMMEDIATELY AFTER MAJOR STORMS. MAINTENANCE MEASURES SHALL INCLUDE THE FOLLOWING:
- 4.1. THE POND SHALL BE TREATED FOR MOSQUITO CONTROL PURPOSES IN ACCORDANCE WITH ROCKLAND COUNTY DEPARTMENT OF HEALTH GUIDELINES FOR MOSQUITO SUPPRESSION.
- 4.2. REMOVE ACCUMULATED TRASH AND DEBRIS FROM INSIDE THE DETENTION BASIN.
- 4.3. KEEP OUTLET STRUCTURE AND EMERGENCY OVERFLOW CLEAR OF OBSTRUCTIONS AND DEBRIS.
- 4.4. MAINTAIN ADEQUATE VEGETATION AND GROUND COVER ON THE EMBANKMENTS. SEEDING AND VEGETATION SHALL BE PROVIDED AS NEEDED TO ASSURE 100% COVERAGE
- 4.5. REMOVE UNDESIRABLE WEEDS AND WOODED VEGETATION GROWTH.
- 4.6. REPAIR AND STABILIZE EMBANKMENT EROSION.
- 4.7. MAINTAIN AND REPAIR CONCRETE OUTLET STRUCTURE AND PVC UNDERDRAINS.
- 4.8. REMOVE ACCUMULATED SEDIMENT FROM BASIN INTERIOR.

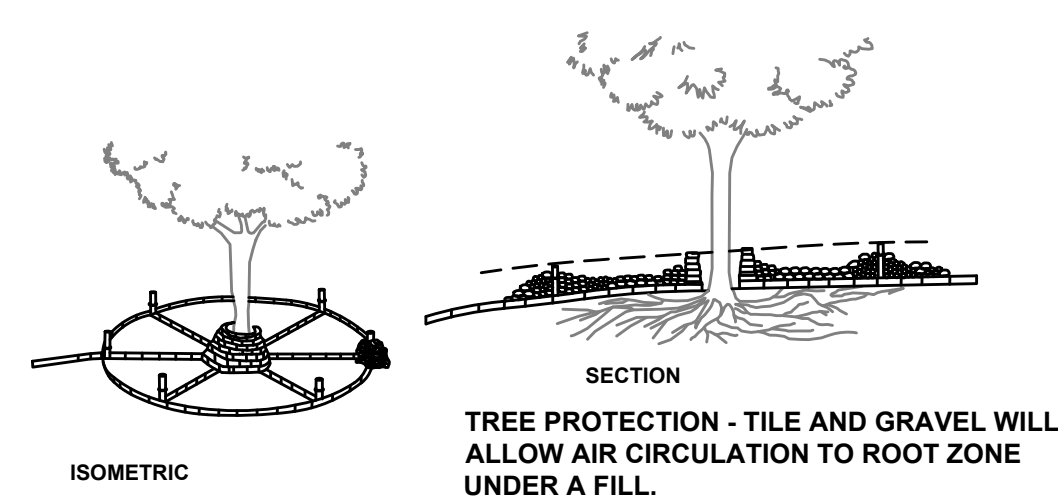
MOSQUITO CONTROL NOTES

1. ALL STORMWATER FACILITIES ON THIS SITE HAVE BEEN DESIGNED TO REMOVE ALL STANDING WATER WITHIN FIVE DAYS OF A RAIN EVENT.
2. ALL STORMWATER FACILITIES SHALL BE INSPECTED AFTER SIGNIFICANT RAINFALLS AND AT LEAST ONCE PER MONTH.
3. IF, UPON INSPECTION, WATER REMAINS IN THE STORMWATER FACILITIES LONGER THAN FIVE DAYS AFTER A RAIN EVENT, ONE OF THE FOLLOWING MEASURES WILL BE TAKEN:  
A) THE WATER WILL BE MECHANICALLY REMOVED (I.E. BY VACUUM); OR  
B) THE WATER WILL BE MECHANICALLY AGITATED TO PREVENT MOSQUITO BREEDING; OR  
C) THE WATER WILL BE TREATED WITH MOSQUITO LARVICIDE IN ACCORDANCE WITH NYSDEC AND ROCKLAND COUNTY HEALTH DEPARTMENT GUIDELINES, REGULATIONS AND PROCEDURES.
4. MOSQUITO BREEDING SUPPRESSION MEASURES MUST BE IMPLEMENTED BETWEEN APRIL 1 AND OCTOBER 31.
5. LARVICIDE TO BE APPLIED SHALL BE "MOSQUITO DUNKS" AS MANUFACTURED BY SUMMIT CHEMICAL CO., BALTIMORE, MD. OR MANUFACTURER'S SPECIFICATIONS.
6. THE LONG TERM MAINTENANCE OF THE ON-SITE STORMWATER SYSTEM SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

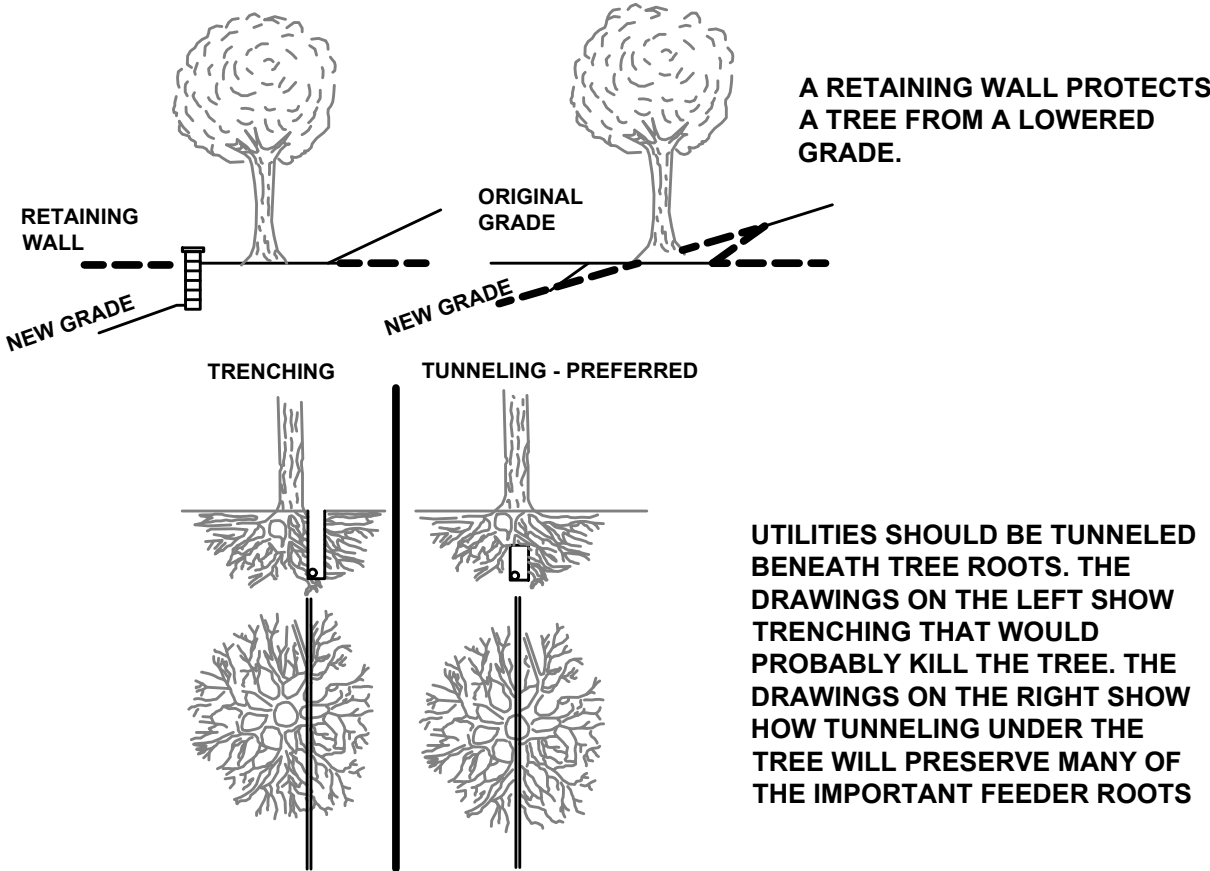


- NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. IF BOTTOM OF ROADWAY BOX IS BELLOW TOP OF GRATE, CONSTRUCT OPENINGS IN INLET WALL TO ALLOW WATER TO FLOW IN, COVER OPENINGS WITH WELDED WIRE SUPPORT AND FILTER FABRIC.
3. INSPECTION SHALL BE MADE FREQUENT. MAINTENANCE, REPAIR AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS BEEN STABILIZED.

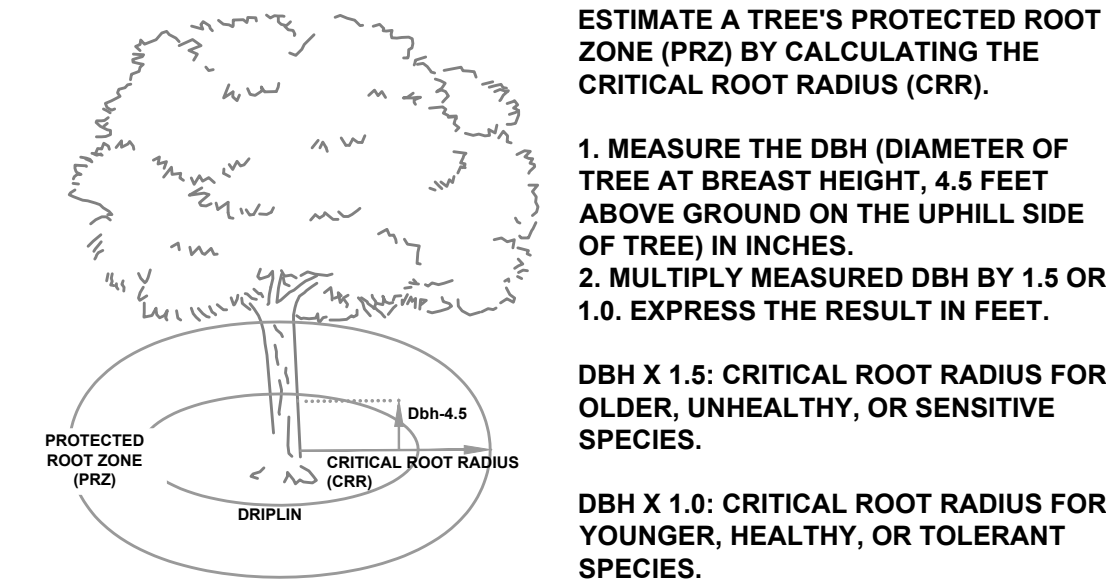
INLET FILTER DETAIL  
N.T.S.



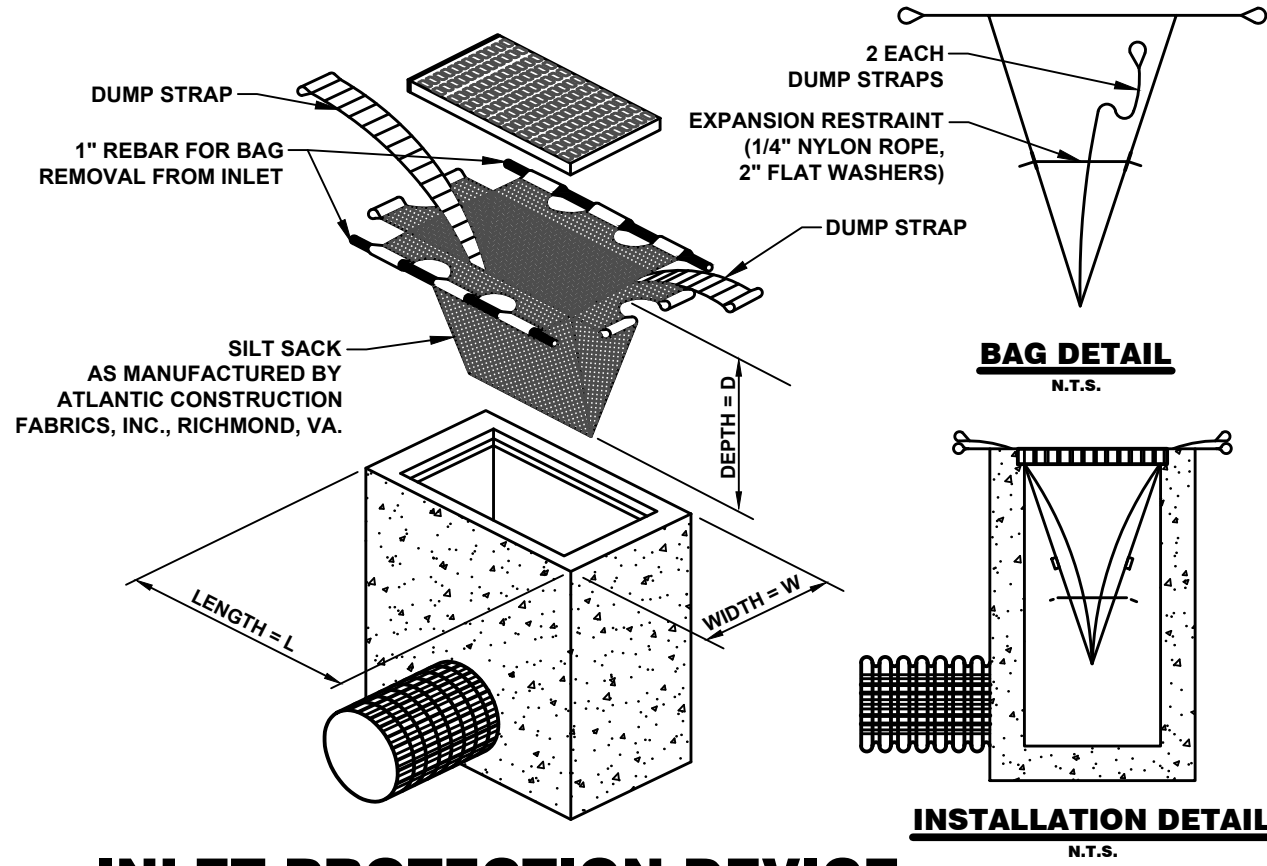
TREE PROTECTION  
N.T.S.



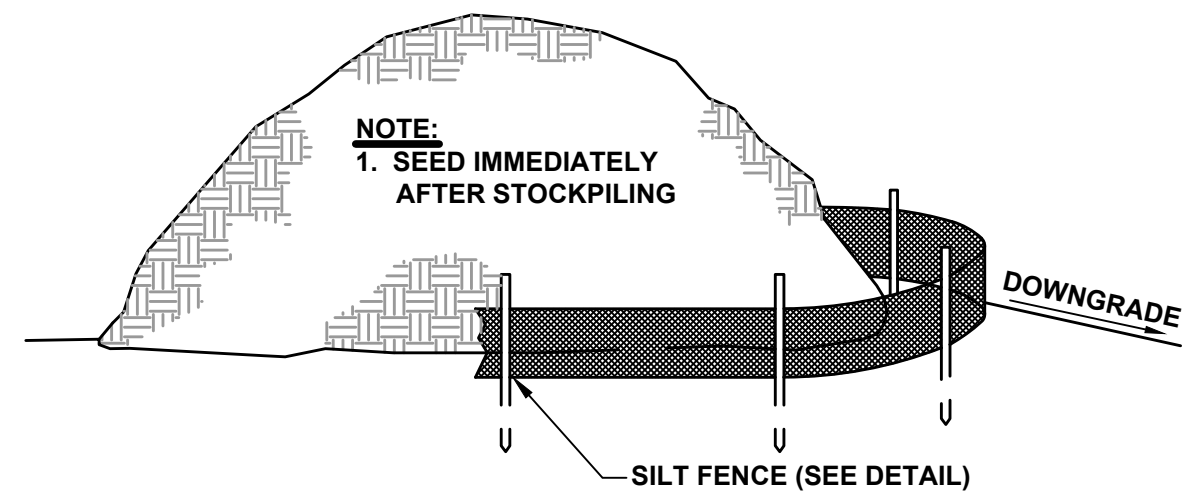
TREE PROTECTION-UNDERGROUND UTILITY INSTALLATION  
N.T.S.




TREE PROTECTION  
N.T.S.



INLET PROTECTION DEVICE  
N.T.S.



TYPICAL TOPSOIL STOCKPILE  
N.T.S.

<div>CONSULTANT:</div> <div>ANDREW S. HOLT, P.E.</div> <div>NY PROFESSIONAL ENGINEER</div> <div>60% DESIGN</div> <div>DATE: XX/XX/2021</div>	<div>NOTICE</div> <div>THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.</div> <div>THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF SUBURBAN ENGINEERING</div> <div>ELECTRONIC SUBMISSIONS NOT CONTAINING A VALID DIGITAL SEAL OR PAPER COPIES NOT CONTAINING A RAISED SEAL ARE NOT ORIGINALS AND MAY HAVE BEEN ALTERED.</div> <div>© COPYRIGHT 2021 SUBURBAN ENGINEERING</div> <div>ALL RIGHTS RESERVED</div>				<div>DRAWN BY:</div> <div>JAW</div> <div>CHECKED BY:</div> <div>SAM</div> <div>CHECKED BY:</div> <div>WAS</div>		<div></div> <div>SUBURBAN ENGINEERING</div> <div>- Civil Engineers -</div> <div>- Landscape Architects -</div> <div>- Land Surveyors -</div> <div>7 Cokesbury Caldon Road, Lebanon, N.J. 08835 - 973.398.1776</div> <div>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</div>	<div>PRELIMINARY SITE PLAN FOR</div> <div>SUEZ WATER NY PFAS COMPLIANCE</div> <div>POMONA WELL NO. 38</div> <div>VILLAGE OF POMONA, TOWN OF RAMAPO, COUNTY OF ROCKLAND, STATE OF NEW YORK</div> <div>FOR CLIENT:</div> <div>SUEZ WATER NEW YORK INC.</div> <div>SOIL EROSION &amp; SEDIMENT CONTROL PLAN</div>		<div>PROJECT NUMBER:</div> <div>SCE-12162.002</div>
	<div>DESCRIPTION</div> <div>NO.</div> <div>DATE:</div> <div>BY:</div> <div>CHK:</div>		<div>SCALE:</div> <div>N.T.S.</div>	<div>SHEET 13 OF 15</div>						
	<div>REVISIONS</div>			<div>REVISION</div> <div>-</div>						