

GUARANTEED MAXIMUM PRICE AMENDMENT

**EXHIBIT "R" TO CONSTRUCTION MANAGEMENT AGREEMENT DATED SEPTEMBER 5, 2024
BETWEEN VILLAGE OF WELLINGTON AND WHARTON-SMITH, INC. ("CONSTRUCTION
MANAGER") FOR THE HIGH PRESSURE PUMP 9 IMPROVEMENT ("PROJECT") MADE THIS
_____ DAY OF _____ 2026.**

ARTICLE 1 - GUARANTEED MAXIMUM PRICE

1.1 Guaranteed Maximum Price ("GMP")

Pursuant to Section 3.2 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Cost of the Work, as that term is defined in Article 8 of this Agreement, and the Owner's Contingency. There shall be no Fee on Owner's Contingency unless and until such time as use of the Owner's Contingency is authorized by Owner. Notwithstanding, Manager's insurance and bond costs shall not be subject to Construction Manager's Fee.

1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed **Two Million One Hundred Thousand Nine Hundred Seventy-One Dollars (\$2,100,971.00)** subject to additions and deductions by Change Order as provided in the Contract Documents. The GMP is subject to Construction Manager's Assumptions and Clarifications to the GMP attached as **Exhibit "R5"**.

1.1.2 Allowances included in the Guaranteed Maximum Price are attached as **Exhibit "R4"**.

1.1.3 The Guaranteed Maximum Price includes a fixed amount for General Conditions and General Requirements of **Six Hundred Eighty-One Thousand One Hundred Five Dollars and No cents (\$681,105.00)** as detailed in **Exhibit "R7"**. Construction Manager's General Conditions and General Requirements are fixed and shall not be subject to increase or decrease unless authorized by written Change Order as set forth in the Agreement.

1.1.4 The GMP includes an Owner's Contingency in the amount of **Ninety-Eight Thousand Eight Hundred Twenty-Nine Dollars (\$98,829.00)** to be utilized as set forth in 7.2.3 of the Agreement.

1.1.5 It is the intent and understanding of Construction Manager in providing a GMP for this Work, that the Drawings, Plans and Specifications listed in the attached **Exhibit "R1"** provide for the construction of completed Work by the Construction Manager, including all devices, fasteners, materials or other work not shown in the Drawings and Specifications but which are reasonably inferable therefrom and any and all incidental accessories necessary to make the Work complete and operable in all respects (even if not specified in the description of the Work, but necessary for proper installation and operation of the Work under the Drawings and Specifications), all of which shall be included as part of the Cost of the Work. The expression "reasonably inferable" and similar terms in the Contract Documents shall be interpreted to mean reasonably inferable by a construction manager and general contractor familiar with the Project, having performed extensive Preconstruction Services, and exercising the care, skill and diligence of the Construction Manager by the Contract Documents. Notwithstanding, the foregoing shall not be construed to impose any design responsibility or liability on Construction Manager except where such design responsibility is an existing requirement of Florida law or the Contract Documents.

1.2 Schedule of Values. The Schedule of Values allocating the Contract Sum to the various portions of the Work is attached as **Exhibit "R2"**. The Construction Manager shall not imbalance its Schedule of Values nor artificially inflate any element thereof. Any violation of this provision by the Construction Manager shall constitute a material breach of this Construction Management Agreement. The Schedule of Values shall allocate the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Manager's Fee shall be shown as a single separate item.

ARTICLE 2 – CONTRACT TIME

2.1 Date of Commencement. The Work to be performed under this Construction Management Agreement shall be commenced upon the issuance of a Notice to Proceed from Owner (“Date of Commencement”).

2.2 Contract Time. Construction Manager shall meet all Milestones outlined in **Exhibit “R3”** and the entire Project shall reach Substantial Completion no later than **464** calendar days from the Date of Commencement. Construction Manager shall reach Final Completion no later than **45** days from the delivery of the Punch List as outlined in Paragraph 14.04(G) of the General Conditions, subject to any authorized extensions of time as set forth in the Contract Documents. All Work shall be performed in an expeditious manner.

2.2.1 Liquidated Damages. The parties to this Agreement agree that time is of the essence in the performance of this Agreement. Substantial Completion of the Work under this Agreement, as defined in Article 1 of the General Conditions shall be no later than the Substantial Completion date set forth in Section 2.2 of this GMP Amendment, subject to authorized extensions of time as set forth in the Article 12 of the General Conditions. In the event the Work is not substantially completed by the completion date stated above, and has not been extended by Change Order, the Owner shall be entitled to collect liquidated damages. Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of **five hundred dollars (\$500.00)** for each calendar day of unexcused delay for failure to achieve Substantial Completion of the Work. Further, Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of **two-hundred fifty dollars (\$250.00)** as liquidated damages for each and every calendar day of unexcused delay for failure to achieve Final Completion. It is hereby agreed that the amount of the per diem assessment for liquidated damages for the Construction Manager’s failure to achieve Substantial Completion of the Work or Final Completion of the Work within the time specified in this Agreement is not a penalty and not excessive in light of the circumstances known to the parties at the time this Agreement is executed. The Owner’s exercise of its right to terminate this Agreement shall not release the Construction Manager from its obligation to pay liquidated damages in the amount set forth herein. Such assessments shall be immediately due and payable to the Owner or, at the Owner’s option, may be deducted from future payments that may be due and owing to Construction Manager. Any sums due and payable hereunder by the Construction Manager shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing this Agreement. Construction Manager’s liability for liquidated damages shall survive completion and termination of the Agreement and are in addition to Owner’s other remedies available under the Contract Documents and by law.

ARTICLE 3 - MISCELLANEOUS

3.1 In addition to Construction Manager’s and Subcontractor’s warranty set forth in 6.19 of the General Conditions, Construction Manager shall be responsible for providing the Extended Warranties as set forth in **Exhibit “R6”**.

3.2 The GMP Amendment incorporates the following exhibits:

- 1.** Drawings, plans and specifications listed in the attached List of Drawings attached hereto as **Exhibit “R1”**;
- 2.** Construction Manager’s Schedule of Values to be attached as **Exhibit “R2”**;
- 3.** Construction Schedule to be attached as **Exhibit “R3”**;
- 4.** Construction Manager’s Allowances to be attached as **Exhibit “R4”**;
- 5.** Construction Manager’s Assumptions and Clarifications to the GMP, if any, to be attached as **Exhibit “R5”**;

6. List of extended warranties to be attached as **Exhibit “R6”**;
7. Construction Manager’s Stipulated General Conditions and General Requirements to be attached as **Exhibit “R7”**.
8. Submittal Schedule to be attached as **Exhibit “R8”**.

This GMP Amendment and all Exhibits are hereby incorporated as part of the Contract Documents as defined in the Agreement.

3.3 Construction Manager shall deliver Payment and Performance Bonds in accordance with Fla. Stat. §255.05 and the forms set forth as **Exhibit “E”** from a surety registered in Florida and acceptable to Owner for the full value of the Guaranteed Maximum Price, plus all change orders.

3.4 Other than as modified herein, the terms and conditions set forth in the Agreement, General Conditions and other Contract Documents remain in full force and effect.

[Signatures on following page]

IN WITNESS WHEREOF, Owner and Construction Manager have signed this GMP Amendment. One counterpart each has been delivered to Owner, Construction Manager, and the Engineer. All portions of the Contract Documents have been signed or identified by Owner and Construction Manager or by the Engineer on their behalf.

OWNER:

VILLAGE OF WELLINGTON

By _____

Michael Napoleone, Mayor

Attest: _____

Chevelle Hall, Wellington's Clerk

(SEAL)

Address for giving notices

12300 Forest Hill Boulevard

Wellington, Florida 33414

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

Laurie Cohen, Attorney for Wellington

CONSTRUCTION MANAGER:

WHARTON-SMITH, INC.

By _____

Printed Name/Title_____

Attest: _____

Printed Name

(CORPORATE SEAL)

Address for giving notices

5210 Hood Road

Palm Beach Gardens, Florida 33418

License No. CGC1511243

Agent for service of process:

(If Construction Manager is a corporation, attach evidence
of authority to sign.)

Wharton-Smith, Inc.
CONSTRUCTION GROUP

CORPORATE RESOLUTION

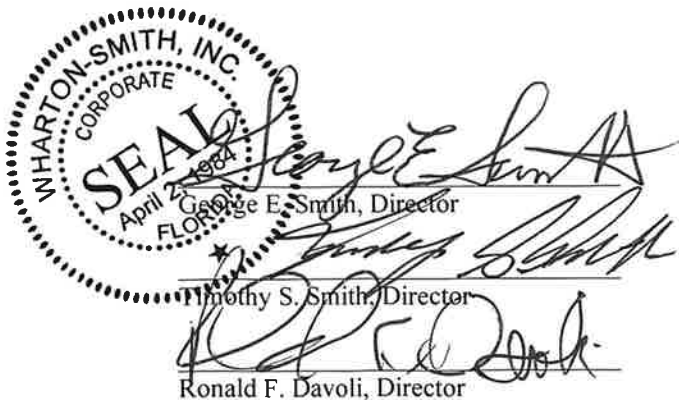
I, the undersigned Secretary of Wharton Smith, Inc., a corporation organized and existing under the laws of the State of Florida, do hereby certify that a meeting of the Board of Directors of said corporation, duly held on February 13, 2023, a quorum being present, the following resolution was adopted and entered upon the regular minute book of said corporation, is in accordance with the by-laws and is now in full force and effect to-wit:

The current list of qualifiers to act for the business organization in all matters connected with its contracting business has now been amended to read:

Ronald F. Davoli
George E. Smith
Timothy S. Smith
Stephanie L. Pompeo
Patrick J. Hewitt
Kenneth E. Marcell III
Darin A. Crafton
Todd H. O'Donnell
Gregory L. Williams
Thomas D. Iarossi
Andre P. Boagni

I HEREBY certify that the foregoing is a true and exact copy of the resolution adopted by the Board of Directors of this Corporation and that such resolution has not been amended, modified, or revoked and is still in force and effect.

Signed and sealed this 13th day of February 2023.
(Seal of Corporation)




Stephanie L. Pompeo, Secretary



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Detail by Entity Name

Florida Profit Corporation
WHARTON-SMITH, INC.

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Principal Address

750 MONROE RD
SANFORD, FL 32771

Changed: 04/25/2006

Mailing Address

750 Monroe Road
Sanford, FL 32771

Changed: 01/02/2020

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Name Changed: 10/07/2019

Address Changed: 10/07/2019

Officer/Director Detail

Name & Address

Title President, CEO, Treasurer

SMITH, TIMOTHY S
750 MONROE RD
SANFORD, FL 32771

Title Chairman, Asst. Secretary

DAVOLI, RONALD F
750 MONROE RD
SANFORD, FL 32771

Title Director

Marcell , Kenneth E, III
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SANFORD, FL 32771

Title COO

HEWITT, PATRICK J
750 MONROE RD
SANFORD, FL 32771

Title COO

CRAFTON, DARIN A
750 MONROE ROAD
Sanford, FL 32771

Title Director

O'Donnell, Todd H
750 MONROE RD
SANFORD, FL 32771

Title Director

Williams, Gregory L
750 MONROE RD
SANFORD, FL 32771

Title CFO, Secretary

POMPEO, STEPHANIE
750 MONROE RD
SANFORD, FL 32771

Title Director

BOAGNI, ANDRE
750 MONROE RD
SANFORD, FL 32771

Annual Reports

Report Year	Filed Date
2023	01/03/2023
2024	01/03/2024
2025	01/08/2025

Document Images

01/08/2025 -- ANNUAL REPORT	View image in PDF format
03/21/2024 -- Amendment	View image in PDF format
01/03/2024 -- ANNUAL REPORT	View image in PDF format
04/21/2023 -- Amendment	View image in PDF format
02/17/2023 -- Amendment	View image in PDF format
01/03/2023 -- ANNUAL REPORT	View image in PDF format
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WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements Village of Wellington



GMP Proposal

November 17, 2025

Presented by Wharton-Smith (CMAR)



Wharton-Smith Contact:
Greg Williams – Vice President
gwilliams@whartonsmith.com

Engineer: Kimley-Horn

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SECTION 1 – EXECUTIVE SUMMARY

November 17, 2025

Mrs. Anjuli Panse, PE
Director of Utilities
Village of Wellington
12300 Forest Hill Blvd.
Wellington, FL 33414

Re: WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements
GMP Proposal

Dear Mrs. Panse:

Wharton-Smith is pleased to submit the Guaranteed Maximum Price (GMP) proposal for the WTP Membrane Plant 2 (M2) High Pressure Pump 9 Improvements project. A comprehensive breakdown of material, equipment, subcontractor, and labor is provided in the supporting documentation following this letter. The GMP is valued at **\$2,100,971.00** and is broken out as follows:

- **Base Bid: \$1,704,215**
- **Alternate Bid: \$396,756**

Please note the following clarifications regarding this proposal:

1. Per discussions with the Village of Wellington, the following items are provided in accordance with the CMAR GMP Amendment Guide:
 - a. The Daily Liquidated Damages are as follows:
 - i. \$500 per calendar day for Substantial Completion
 - ii. \$250 per calendar day for Final Completion.
 - b. The GMP includes an Owner Controlled Contingency of \$98,829.00, broken out as follows:
 - i. Base Bid Owner Contingency: \$78,482
 - ii. Alternate Bid Owner Contingency: \$20,347
 - c. Project shall reach Substantial Completion no later than 464 calendar days from the Date of Commencement.
 - d. The following is a list of the competitively bid work packages and the recommended low responsive bidder for each. Please refer to Section 3 for the detailed bid evaluations.
 - i. Master Plant Contractor – Wharton-Smith
 - ii. Electrical – Loveland Electric
 - iii. Instrumentation & Controls – CC Control
 - e. There are no proposed Owner Direct Purchases for this project.
 - f. The proposed GMP is valued at \$2,100,971.00. Refer to Exhibit R2 for the Cost of Work organized by the scope of work bid packages, allowances, Owner's Contingency, and the Construction Manager's Fee.
2. The work is in accordance with Kimley-Horn's "Membrane Plant #2 (M2) High Pressure Pump 9 Improvements" conformed documents dated May 2025. Please refer to Section 2 for the Drawings and Specifications.

3. The GMP includes work for High Pressure Pump 9 along with the associated piping and Trains 6, 7, and 8 concentrate piping modifications. Pricing for the bid proposals received will remain valid for a period of one hundred and eighty (180) days after the bid date.
4. We have included an Owner Controlled Contingency of \$98,829.00. Please note that this contingency is currently shown below the line without fee, fee to be included on contingency usage once brought into the project as approved by the Village of Wellington.
5. We have included the following allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.
 - a. Coatings - \$35,000
 - b. Independent Testing - \$10,000
 - c. Flow Meter Installation - \$130,000
6. We have included a performance and payment bond and insurance.
7. ERP, FDEP, FDOT, & ROW permit fees are by others.
8. Village of Wellington Building Department fees are by others.
9. Costs associated with Davis-Bacon Wages & AIS requirements have not been included.
10. It is assumed that the Village of Wellington will provide power and water for use during construction and startup at no cost.
11. We have not included any costs for Lead/Asbestos Survey nor abatement of any kind.
12. Pricing includes no knowledge of buried or concealed conditions beyond what is indicated or shown on documents received to date. Unforeseen conflicts and utilities will be submitted as additional costs.
13. All Pricing (Labor, Material, Equipment, Subcontract) is based on current market value with no escalation or inflation adjustment. Duration of Material lead times are based on current market conditions.
14. The following is Owner furnished equipment:
 - a. High Pressure Pump 9, Motor and Can
 - b. Cartridge Filter Housing
 - c. Micron Filters
 - d. VFD
15. Owner furnished Equipment is subject to Engineer's shop drawing submittal review and approval. The Equipment services and features specified within Bid Documents are to be verified by Direct Purchaser prior to their system integration by Contractor.
16. We have included administrative costs to coordinate field services with Owner furnished equipment vendors. This is limited to communication and scheduling. Wharton Smith and subcontractors are not responsible for delays associated with these vendors.
17. Procurement, review, submission, and copies of Operation and Maintenance Manuals for Owner Furnished Equipment is excluded. It is the Owner's responsibility to coordinate this effort and share all pertinent information with Wharton Smith in a timely manner.
18. All work required per Specification Section 02670 *Flushing, Testing and Disinfection* is excluded as no discharge and bacteriological sampling locations have been identified in the bid drawings. Wharton Smith responsibility will be limited to swabbing all new piping to be installed on the Raw Water Feed System. If required, additional form of disinfection, temporary piping, flushing, and bacteriological sampling will be coordinated with the Owner and submitted as additional cost.
19. Spare Parts for all Owner Furnished Equipment are excluded.
20. Factory testing for all Owner Furnished Equipment is excluded. This includes coordinating, reviewing test reports, and submission.

21. Vibration testing costs per Specification Section 11936 *Vertical Turbine High Pressure Pump* and Specification Section 13080 *Vibration and Alignment*, are excluded as these costs were carried by Afton for Owner Furnished HPP 9. Wharton Smith responsibility will be limited to coordinating with Afton.
22. Part 1 of Specification Sections 16480 and 16485/16495 is excluded since the manufacturer's services were included in the direct Purchase Order from the Village of Wellington to Schneider.
23. Offloading and storage of Owner Furnished Equipment is excluded.
24. Part 3.1 of Specification Section 16485/16495 states that a 10% payment retainage will be released to Contractor upon final acceptance of the work. Per Executed CMAR Agreement, a 5% retainage will be held.
25. Additional material cost or delays to the Project Schedule due to Owner or Owner's contracted Supplier will be assessed and Contractor reserves the right to submit any applicable claims within the Terms and Conditions of the Contract.
26. It is assumed that the 10" 90° bends can be modified and reinstalled, therefore, we have included cost for these modifications per General Note No. 9 on Sheet M-2. If for reasons outside of our control, new 90° bends are required, a Contingency Authorization Request will be submitted for the additional cost.
27. Cost to modify existing grating is included as shown in the bid documents. Additional modifications will be submitted as additional cost.
28. As requested by the Village of Wellington, cost to furnish the micron filters is not included.
29. Coiling, hanging, or arranging of existing wiring and other items present within existing PLC-RO2 or PCPMOVRO2 is excluded.
30. Contractor has excluded cost to perform post-construction inspection referenced in Spec Section 01700-1.9. It is the Owner's responsibility to send notification of any deficiencies concerning material, equipment, and workmanship furnished by Wharton Smith within the warranty period established in the bid documents. Deficiencies relating to Owner Furnished Equipment will be the sole responsibility of the Owner.
31. It is assumed that Engineer and Owner will review and return submittals within 14 calendar days. RFIs and resubmittals shall be returned within 7 calendar days.
32. It is assumed that Contractor will utilize the Owner's existing gantry crane and that the crane's capacity is sufficient for the cartridge filter and HPP. Should the gantry crane capacity not be sufficient, Contractor will seek alternate method of hoisting for additional cost.
33. Pricing only includes materials and equipment specified in the bid documents. As there are no references to the Village's Approved Product List (APL), those approved products have been excluded.
34. Please refer to Section 4 for the proposed GMP schedule. Please note that the P6 schedule is referenced in "work days" as the program automatically accounts for weekends and holidays. The contract time is expressed in "calendar days". 508 calendar days from Notice of Commencement to Final Completion indicated equates to the 522 work days shown in the P6 schedule. Our current estimated duration of on-site construction is 8 months.

As always, I am available to discuss at your earliest convenience.

Respectfully,



Eliana Corie
Project Manager
Wharton-Smith, Inc.

SECTION 2 – EXHIBIT R1 DRAWINGS, PLANS AND SPECIFICATIONS

Water Treatment Plant (WTP) Membrane Plant #2 (M2) High Pressure Pump No. 9 Improvements

Prepared For:
Village of Wellington

Prepared By:
Kimley-Horn and Associates, Inc.
1920 Wekiva Way, Suite 200
West Palm Beach FL 33411
Ca 00000696

April 2025
PROJECT NO. 144957081

SECTION 01000

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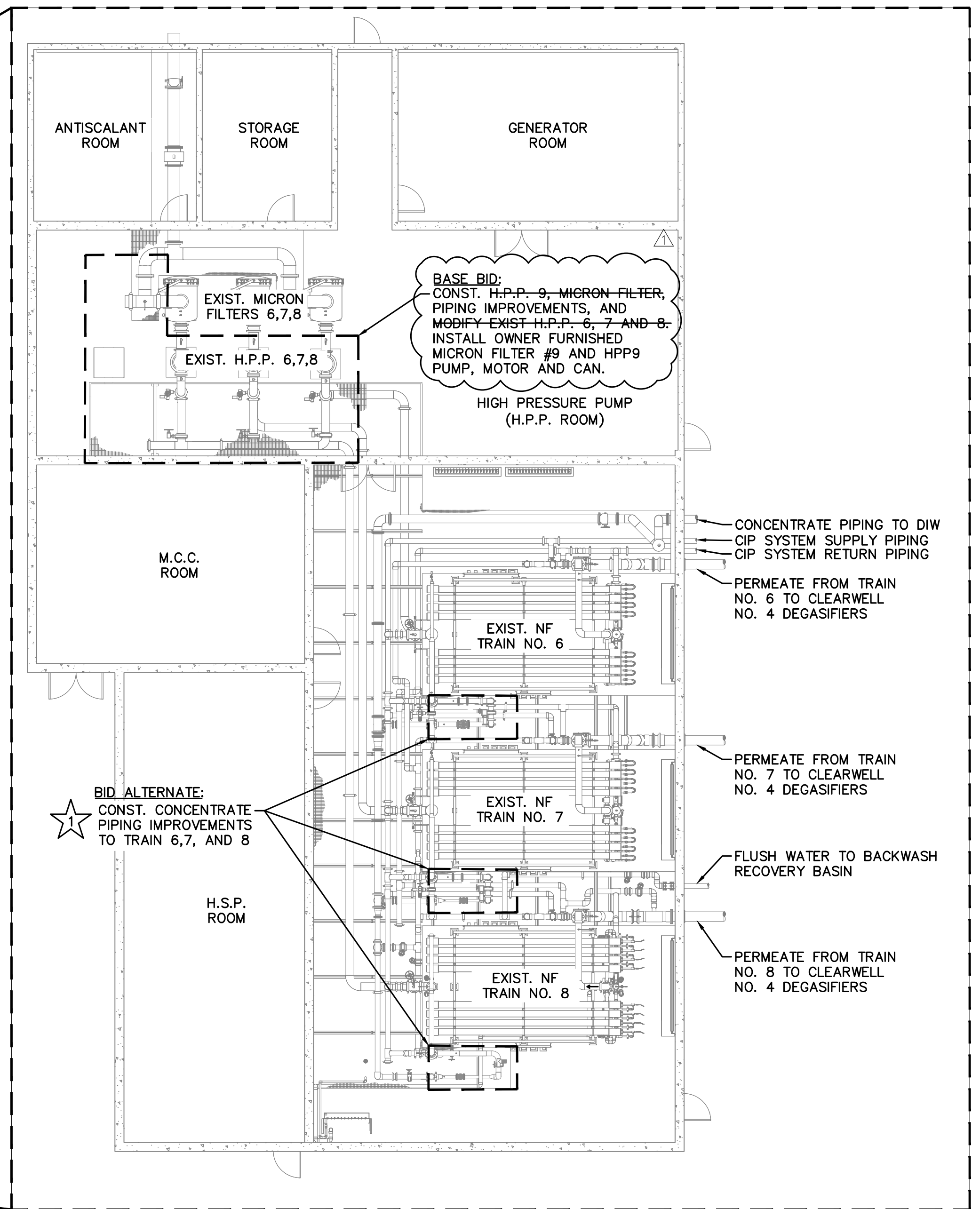
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	16405	Electric Motors
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	16485	Variable Frequency Drives – (Owner Furnished)
	16950	Electrical Testing
17301	Instrumentation and Controls	

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and copiation by Kinley-Horn and Associates, Inc. shall be without liability to Kinley-Horn and Associates, Inc.



THE VILLAGE OF
ELLINGTON

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


1. CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER AND PROVIDE ONE WEEK NOTICE PRIOR TO DEMOLITION.
2. CONTRACTOR SHALL CONFIRM SIZE, MATERIAL, AND LOCATION OF ALL MECHANICAL EQUIPMENT AND FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS TO ACCOMMODATE PROPOSED EQUIPMENT AS REQUIRED.
3. THE TYPE, SIZE, AND MATERIAL OF M2 PROCESS PIPING AND FITTINGS IS INDICATED ON THE DRAWINGS. IF NOT INDICATED OR WHERE PIPING OR FITTINGS OF DIFFERING SIZE, MATERIAL, OR RATING ARE IDENTIFIED IN THE FIELD AND ARE TO BE CONNECTED (NEW OR EXISTING), THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NECESSARY FITTINGS, TRANSITIONS, AND OR ADAPTORS TO FACILITATE EXISTING AND OR PROPOSED CONNECTIONS. THE MATERIAL AND PRESSURE RATING SHALL BE CONSISTENT WITH PROCESS PIPING TO WHICH THESE ARE CONNECTED AND SUBJECT TO OWNER'S APPROVAL.
4. ALL STAINLESS STEEL PIPING AND FITTINGS SHALL BE FINAL PICKLED AND PASSIVATED U.O.N, WELDED 316/316L SCHEDULE 10S MINIMUM. ALL STAINLESS STEEL PIPING AND FITTING ABOVE THE PIPE TRENCH SHALL ALSO BE ELECTROPOLISHED.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS AND CONSTRUCTION.
6. CONTRACTOR SHALL FIELD LOCATE EXISTING UTILITIES AND SHALL PROTECT AND MAINTAIN THE INTEGRITY OF ANY AND ALL EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES. CONTRACTOR WILL BE REQUIRED TO REPAIR/REPLACE ANY DAMAGED UTILITIES TO OWNERS SATISFACTION.
7. ALL AREAS IMPACTED BY CONSTRUCTION SHALL BE RESTORED PER SPECIFICATIONS.
8. ELEVATION SHOWN HEREIN REFERENCE TO NGVD'29. CONVERSION FROM NGVD 1929 TO NAVD 1988 IS AS FOLLOWS: $(\text{NGVD } 1929) - 1.471 = (\text{NAVD } 1988)$
9. ONLY ONE NF TRAIN MAY BE TAKEN OFF-LINE AT ANY GIVEN TIME. WORK MUST BE COMPLETED AND ACCEPTED BY OWNER PRIOR TO COMMENCING WORK ON SUBSEQUENT NF TRAIN OR HIGH PRESSURE PUMP.

BFV	BUTTERFLY VALVE	MIN.	MINIMUM
CL, C	CENTERLINE	NFC	NANOFILTRATION CONCENTRATE
CONST.	CONSTRUCT	NFF	NANOFILTRATION FEEDWATER
CFV	CARTRIDGE FILTER	NFI	NANOFILTRATION INTERSTAGE
CSR	CLEANING SYSTEM	NFP	NANOFILTRATION PERMEATE
CSS	CLEANING SYSTEM	O.C.	ON CENTER
CWSW	CLEANING SYSTEM	SL	SAMPLE LINE
LS	LUG STYLE	SST	STAINLESS STEEL
LR	LONG RADIUS	T.O.	TOP OF
		VSF	VANSTONE FLANGE

 BID ALTERNATE WORK

CONFORMED SET

Sweet Sal, VOW				
	CONTRACT MODIFICATIONS		10/16/24	NPO
	No.	REVISIONS	DATE	BY

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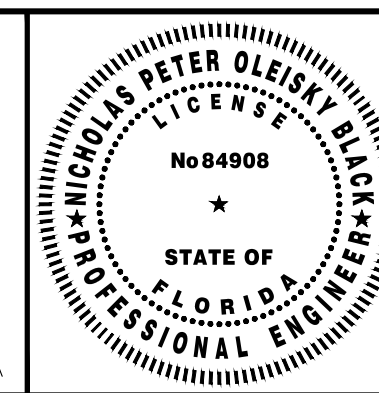
KHA PROJECT 144957081	
DATE MAY 2025	
SCALE	AS SHOWN
DESIGNED BY	NPOB
DRAWN BY	DC
CHECKED BY	NPOB

HIGH PRESSURE PUMP NO. 9 IMPROVEMENTS

PREPARED FOR
VILLAGE OF WELLINGTON

PALM BEACH COUNTY

FLORIDA



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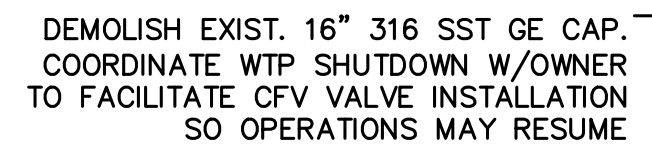
SITE KEY MAP, PROCESS AREA PLAN AND GENERAL NOTES

ON THE DATE ADJACENT TO THE SEAL.
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SHEET NUMBER

G-2

2 OF 21



DEMOLISH EXIST. —
DIAMOND PLATE
AND TAPCONS

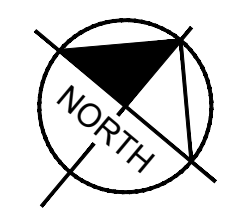
DEMOLISH EXIST. 10" 316-
SST BFV HANDWHEEL
OPERATOR (TYP. OF 3).
SEE NOTE 8 THIS SHEET.

DEMOLISH EXIST 10' -
316 SST GE CAP

~~MODIFY EXIST. H.P.P. 6,
7 AND 8. REFER TO
SPECIFICATIONS.~~

DEMO. 10" 316 SST LR 90 BEND.
EXIST. PITs 1642, 1742, 1842
TO BE REMOVED AND REINSTALLED
WITH NEW PIPING (TYP.). SEE NOTE
9 THIS SHEET.

24x36 SHEET SIZE: $\frac{1}{2}" = 1'-0"$
11x17 SHEET SIZE: $\frac{1}{4}" = 1'-0"$



SHEET NUMBER

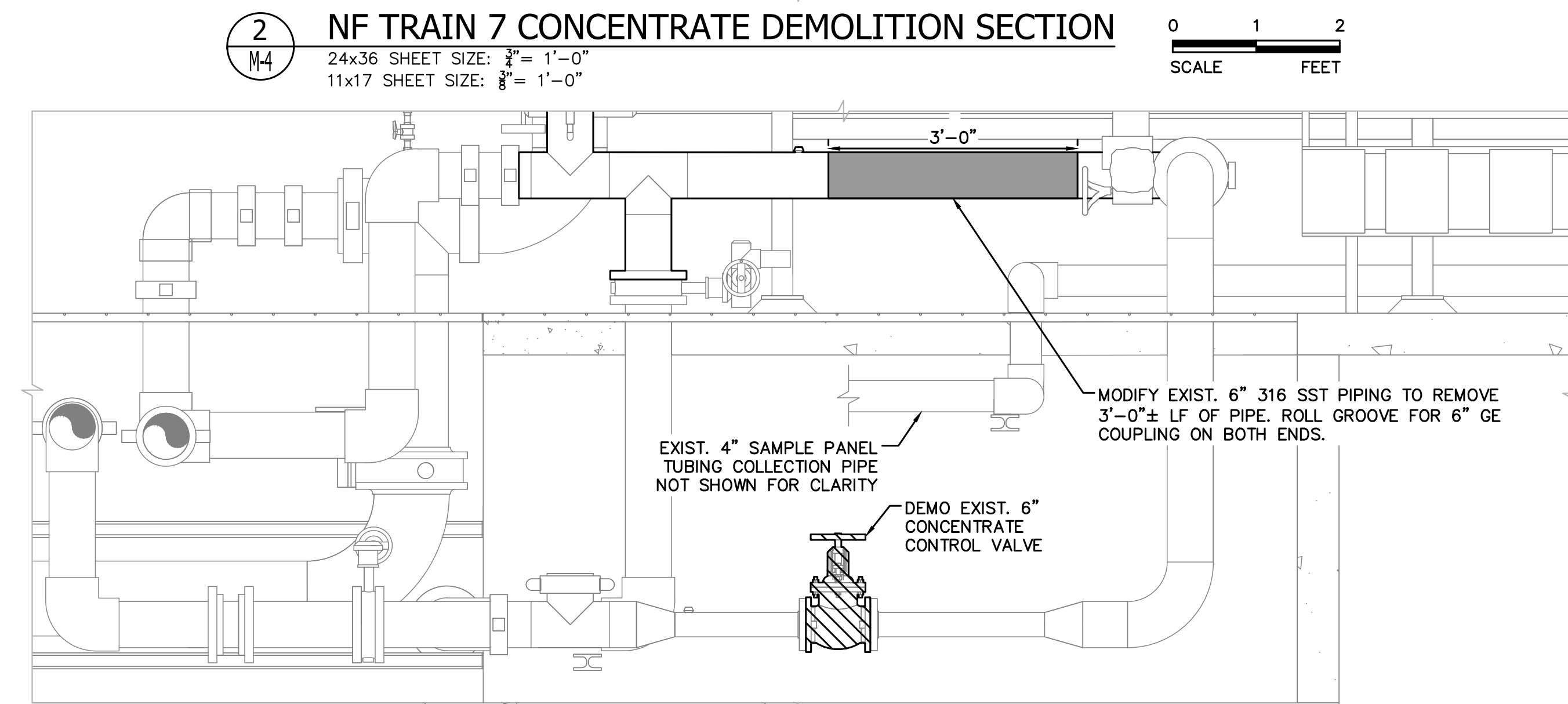
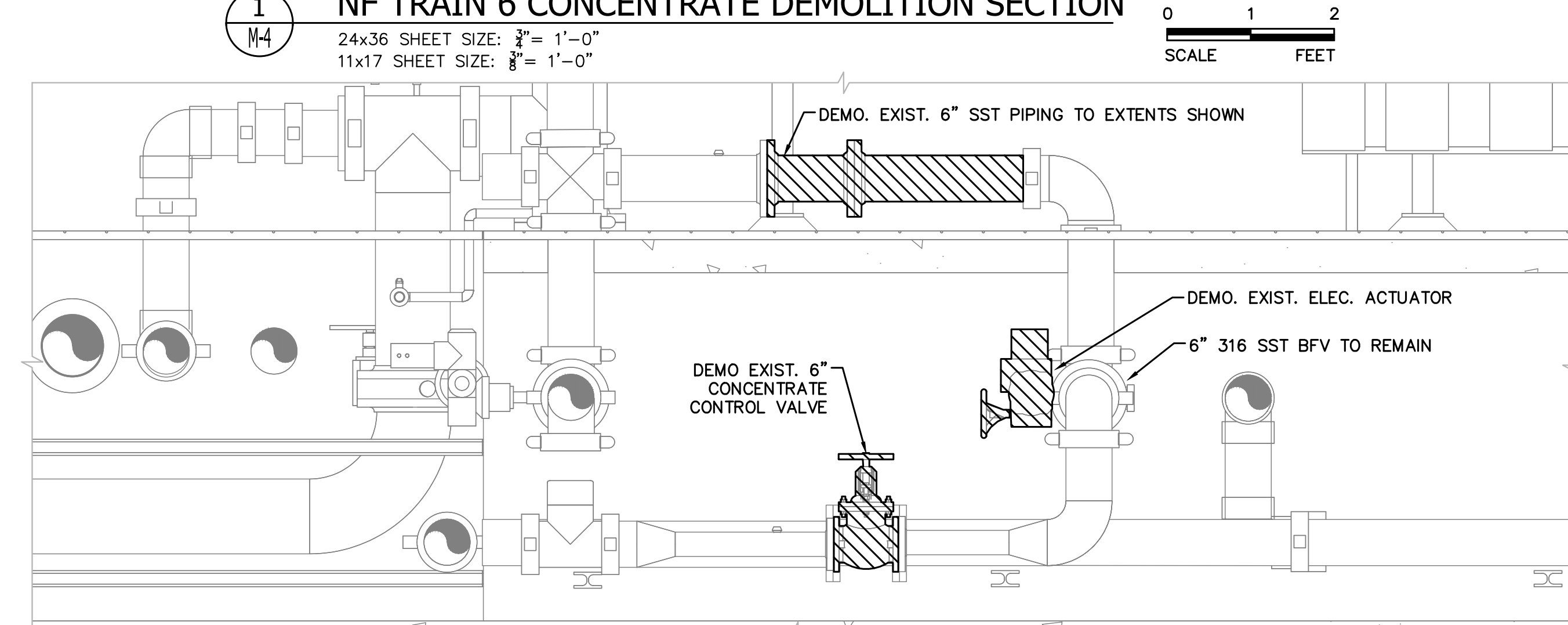
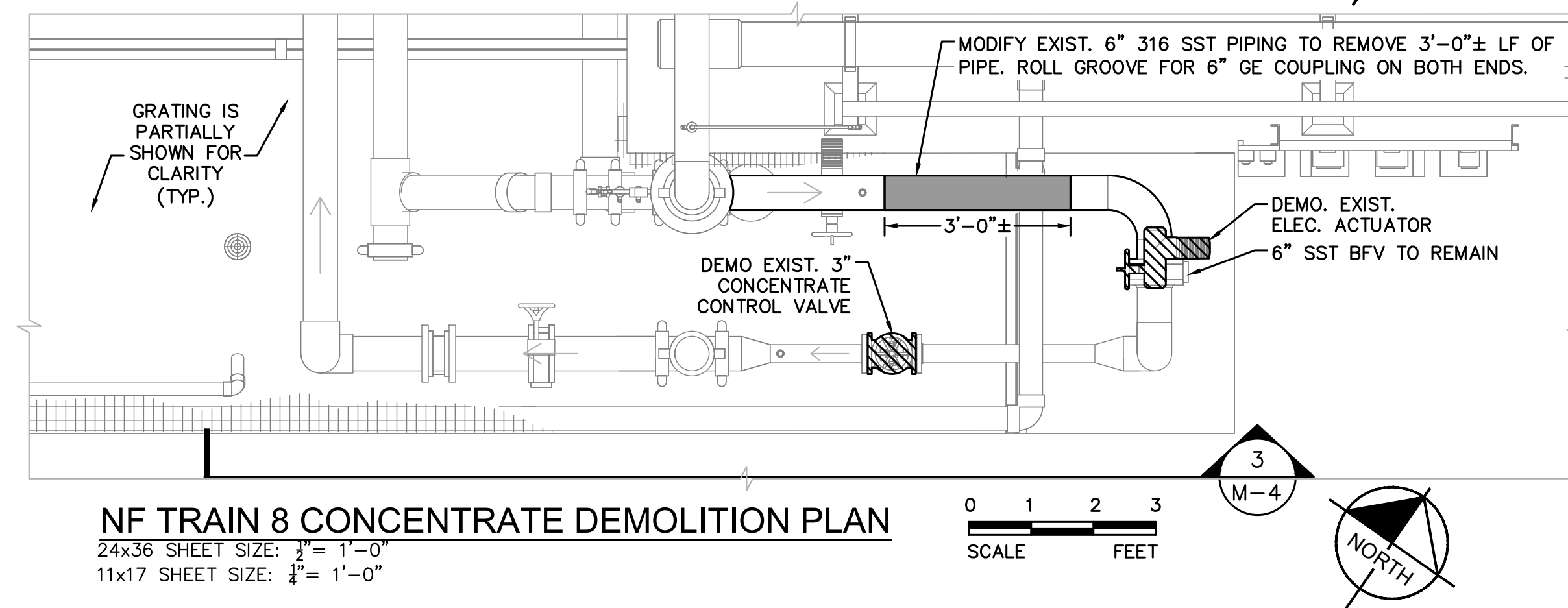
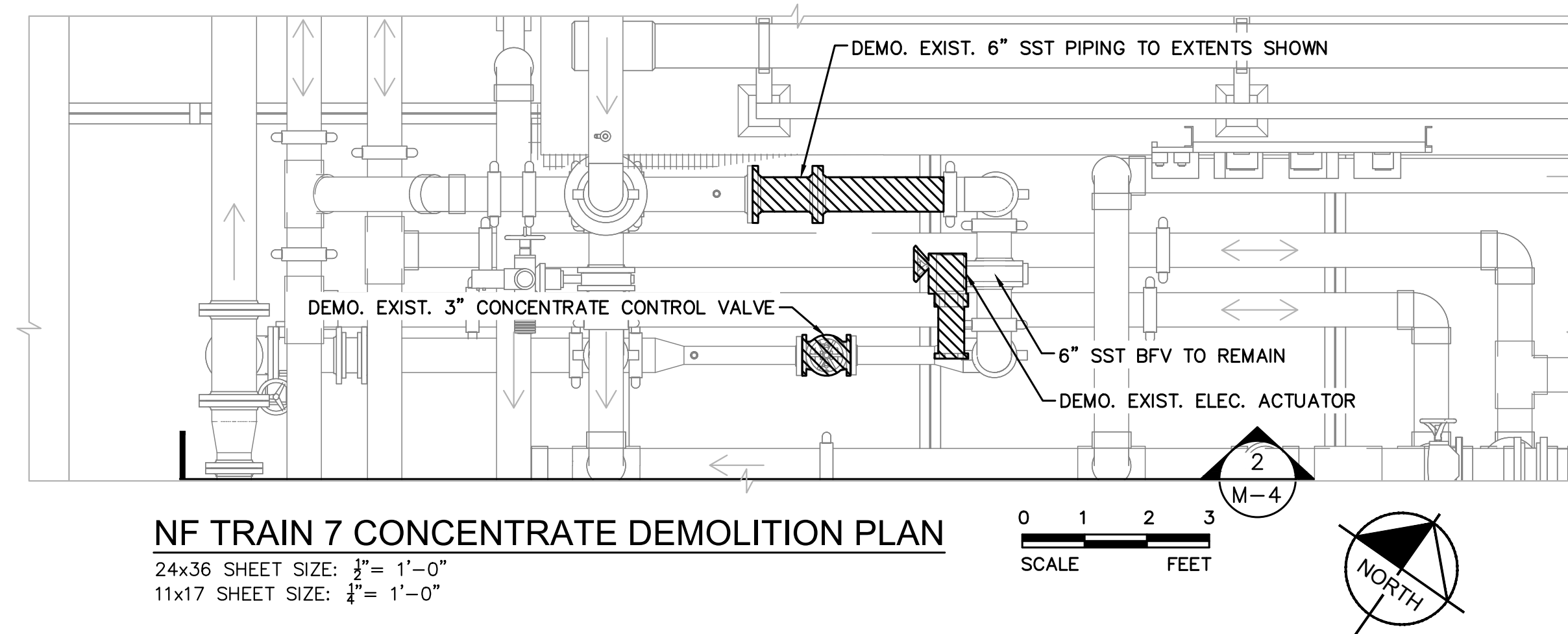
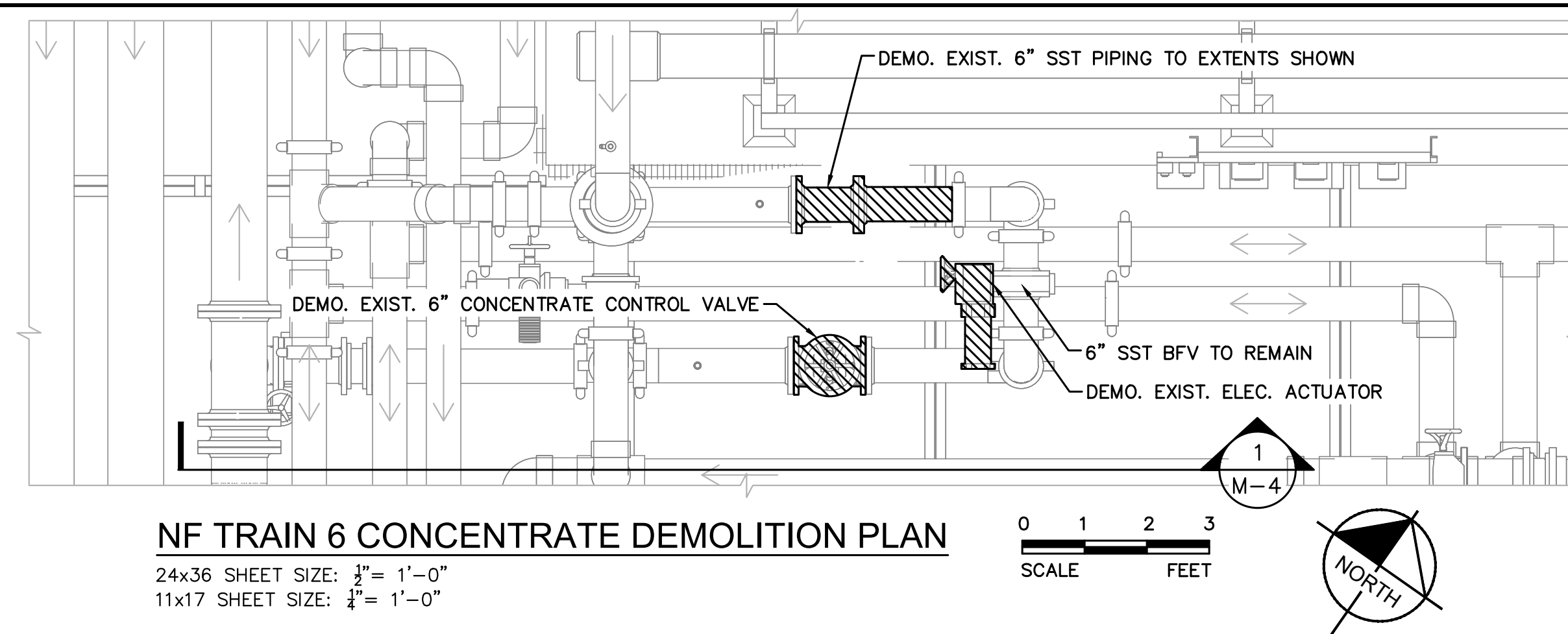
M-1

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Page 22

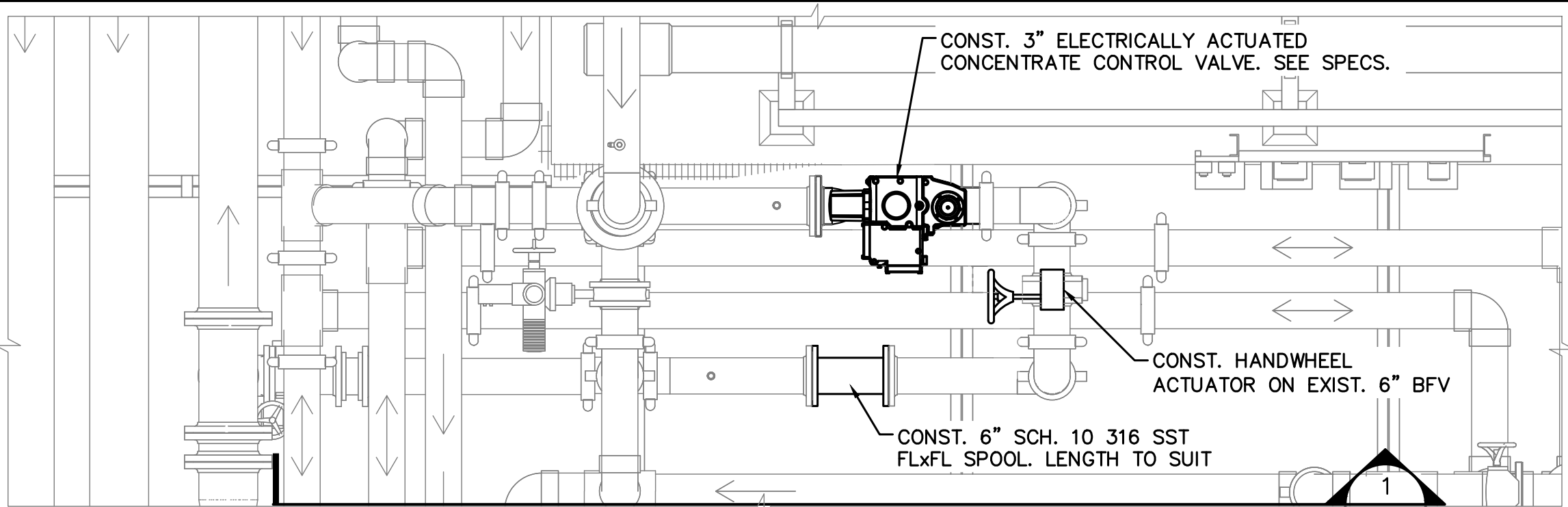
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-
- 3
M-3
- EXIST. AIR RELEASE VALVE
- EXIST. RAW WATER INFLUENT
- EXISTING TO REMAIN
- PROPOSED CONSTRUCTION
- CONST. 16" 316 SST GEXPE PIPE, RE-USE EXIST. COUPLING.
- INSTALL OWNER FURNISHED H.P.P. 9 PUMP, MOTOR AND CAN, SEE SPECS.
- CONST. 16" SCH. 10 SST LR 90° BEND
- CONST. SCH. 10 SST 16"x12" REDUCER
- DAVT ARM ASSEMBLY (TYP.)
- CONST. 12" 316 SST LS BFV
- 3/4" CHAMFER, TYP. ALL EDGES
- 0.75Ø MOUNTING HOLES (TYP. OF 4), UTILIZE 316 SST LEVELING NUTS AND BOLTS. GROUT PACK ANNULUS.
- #4 BARS 12" O.C.E.W
- 9'-4"± PROCESS ROOM FLOOR TO FEED HEADER CL
- INSTALL (2) 3/4" NPT VENT CPNNECTION W/ 1/2" SS BALL VALVES
- CONST. (2) 1/2" NTP GAUGE CONNECTION W/ 316 SST PIPING, 316 SST ISOLATION BALL VALVES, AND PRESSURE GAUGES (0-100 PSI) FOR CLEAN/DIRTY DRAIN
- INSTALL OWNER FURNISHED CFV #9.
- INSTALL 2" NPT DRAINS W/ PVC BALL VALVES TO TRENCH WITH 1-1/2" SCH 80 PVC, SECURE TO FLOOR W 316 SS HARDWARE.
- CONST. CFV PAD (TYP.)
- 4'x4'x AS REQUIRED THICK CONCRETE SUPPORT PAD, GROUT SST SADDLE TO PAD AND DOWEL PAD TO FLOOR W/(4) #4 6" LONG BARS. COAT PAD TO MATCH EXIST.
- SCARIFY SLAB AND APPLY BONDING AGENT
- 1
M-3



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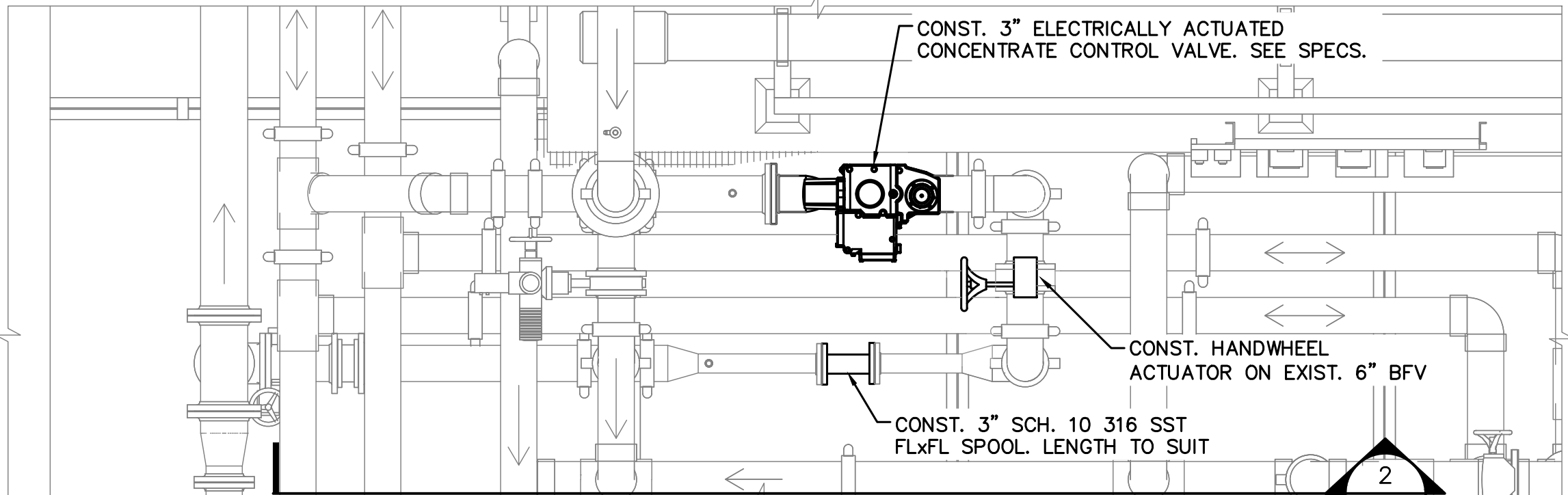
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NF TRAIN 6 CONCENTRATE IMPROVEMENTS PLAN

24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 1/4" = 1'-0"

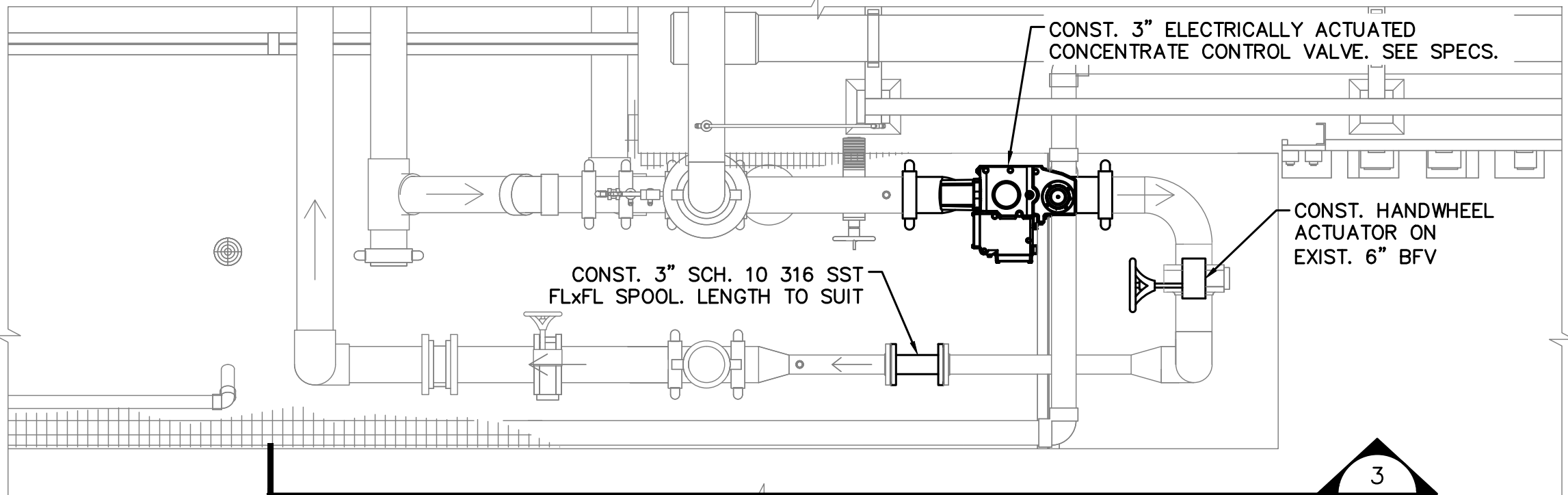
0 1 2 3
SCALE FEET



NF TRAIN 6 CONCENTRATE IMPROVEMENTS PLAN

24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 1/4" = 1'-0"

0 1 2 3
SCALE FEET



NF TRAIN 8 CONCENTRATE IMPROVEMENTS PLAN

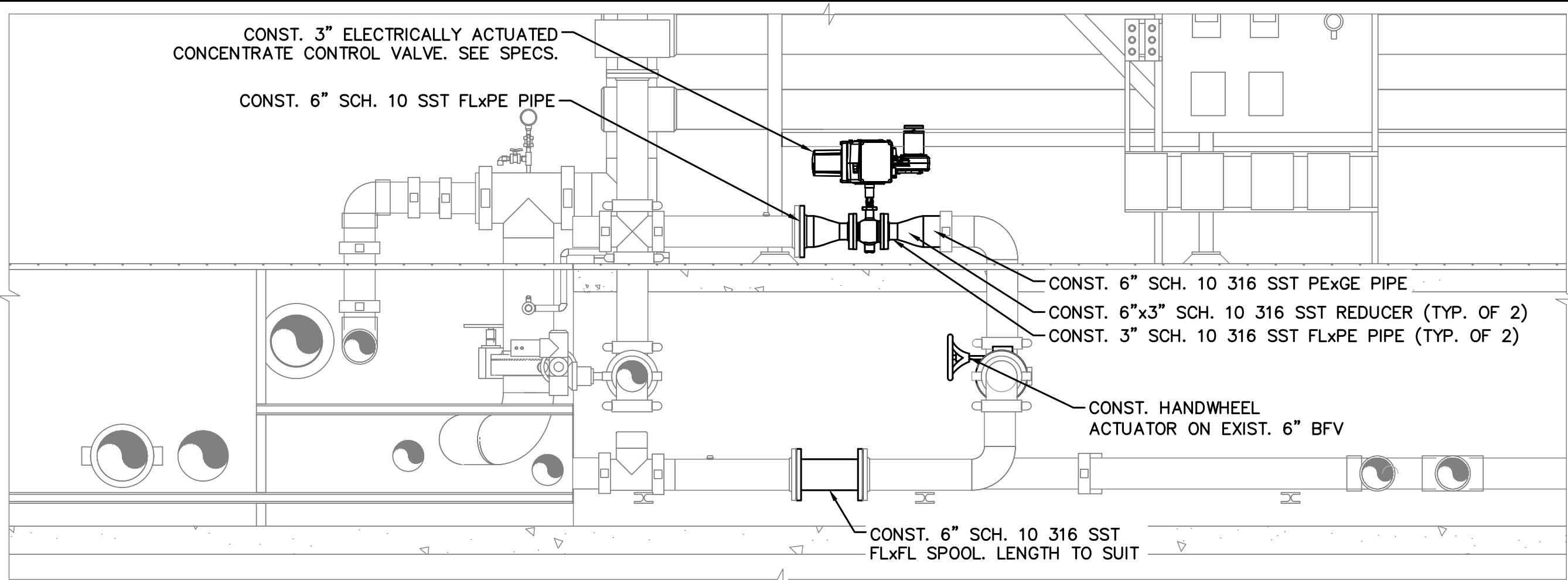
24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 1/4" = 1'-0"

0 1 2 3
SCALE FEET



GENERAL NOTES

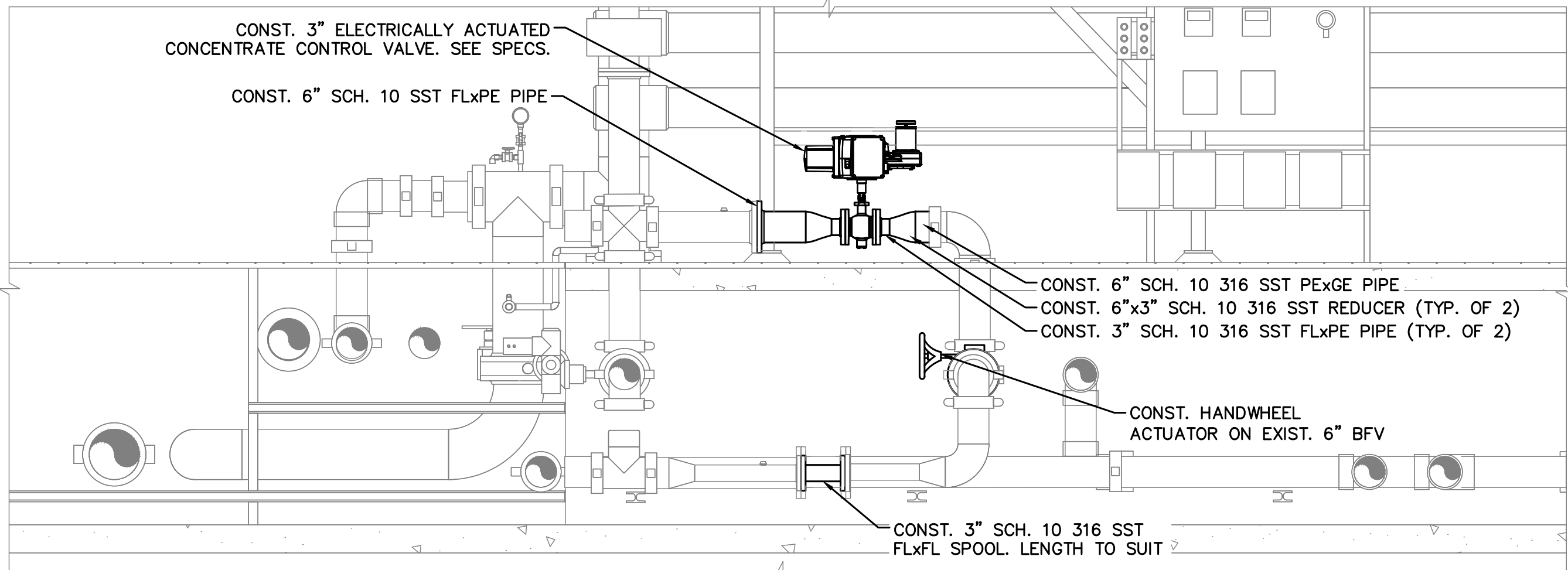
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ALL PIPING SHALL BE SCH. 10 316 SST, U.O.N. ALL GROOVES SHALL BE SCH. 40 CUT GROOVES
3. CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER AND PROVIDE 48-HOURS NOTICE PRIOR TO DEMOLITION.
4. CONTRACTOR SHALL FIELD LOCATE EXISTING PIPING, EQUIPMENT, AND STRUCTURAL/SUPPORT COMPONENTS AND SHALL PROTECT AND MAINTAIN THE INTEGRITY OF ANY AND ALL EXISTING PIPING, EQUIPMENT, AND STRUCTURAL/SUPPORT COMPONENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING COMPONENTS. CONTRACTOR WILL BE REQUIRED TO REPAIR/REPLACE ANY DAMAGED COMPONENTS TO OWNERS SATISFACTION.
5. ALL AREAS IMPACTED BY CONSTRUCTION SHALL BE RESTORED PER SPECIFICATIONS.
6. COORDINATE WITH THE OWNER AND ENGINEER FOR ITEMS TO BE RETURNED AFTER DEMOLITION. THE OWNER RESERVES THE RIGHT TO DESIGNATE ANY ITEMS FOR SALVAGE PER SPECIFICATION SECTION 02050. ALL MATERIALS TO BE DEMOLISHED ARE TO BE DISPOSED OF LEGALLY OFF-SITE.
8. ALL BUTTERFLY VALVES ARE TO BE INSTALLED WITH THE SHAFT IN THE SAME PLANE, OR PARALLEL, WITH ANY BEND IN THE PIPE ATTACHED TO EITHER SIDE OF THE VALVE. A TEE IS CONSIDERED A BEND.



1 NF TRAIN 6 CONCENTRATE IMPROVEMENTS SECTION

24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 3/8" = 1'-0"

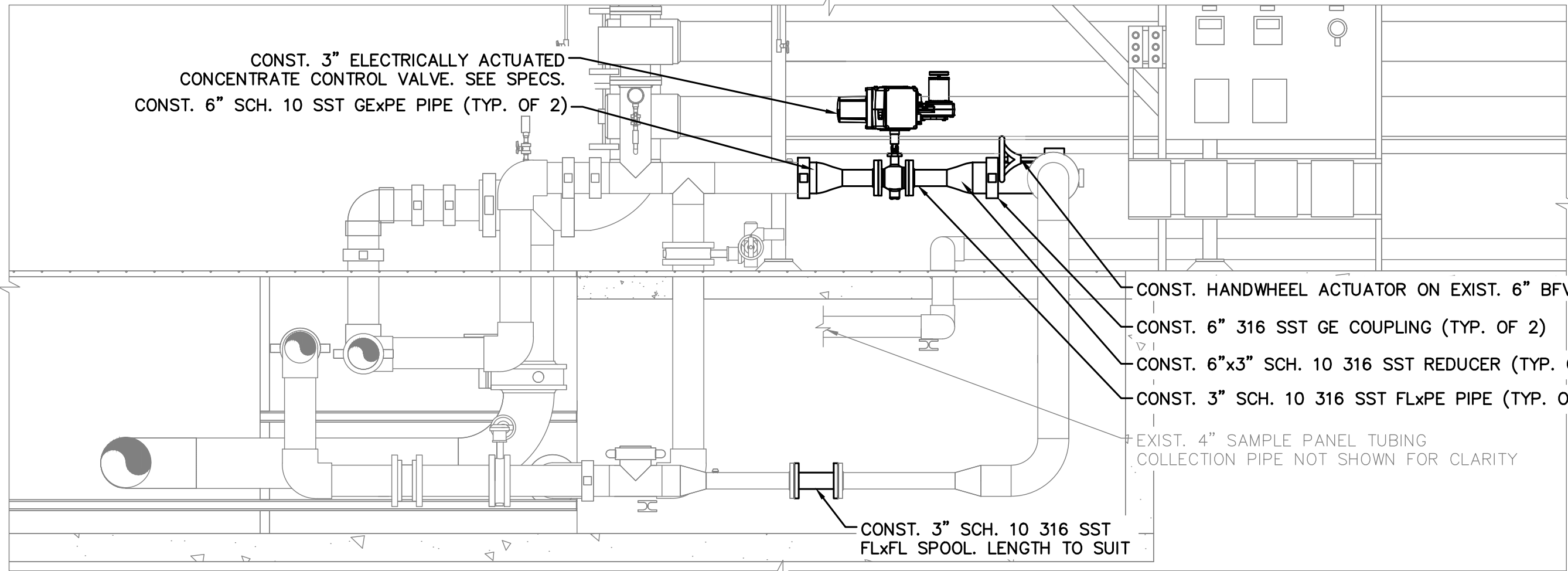
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SCALE FEET



2 NF TRAIN 7 CONCENTRATE IMPROVEMENTS SECTION

24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 3/8" = 1'-0"

0 1 2
SCALE FEET



3 NF TRAIN 8 CONCENTRATE IMPROVEMENTS SECTION

24x36 SHEET SIZE: 3/4" = 1'-0"
11x17 SHEET SIZE: 3/8" = 1'-0"

0 1 2
SCALE FEET

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No.	REVISIONS	DATE	BY
1	CONTRACT MODIFICATIONS	10/16/24	NPOB

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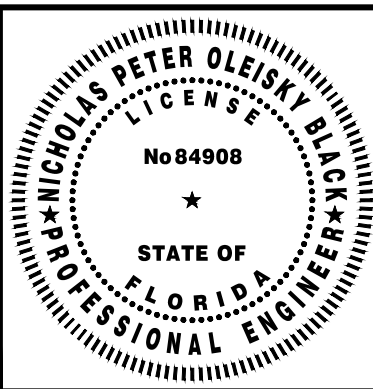
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PHONE: 561-845-0665 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM REGISTRY NO. 696

KHA PROJECT
144957081
DATE
MAY 2025
SCALE AS SHOWN
DESIGNED BY NPOB
DRAWN BY DC
CHECKED BY NPOB

**HIGH PRESSURE PUMP NO. 9
IMPROVEMENTS**
PREPARED FOR
VILLAGE OF WELLINGTON

PALM BEACH COUNTY

FLORIDA



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**NF ROOM PROPOSED PLAN AND
SECTIONS**

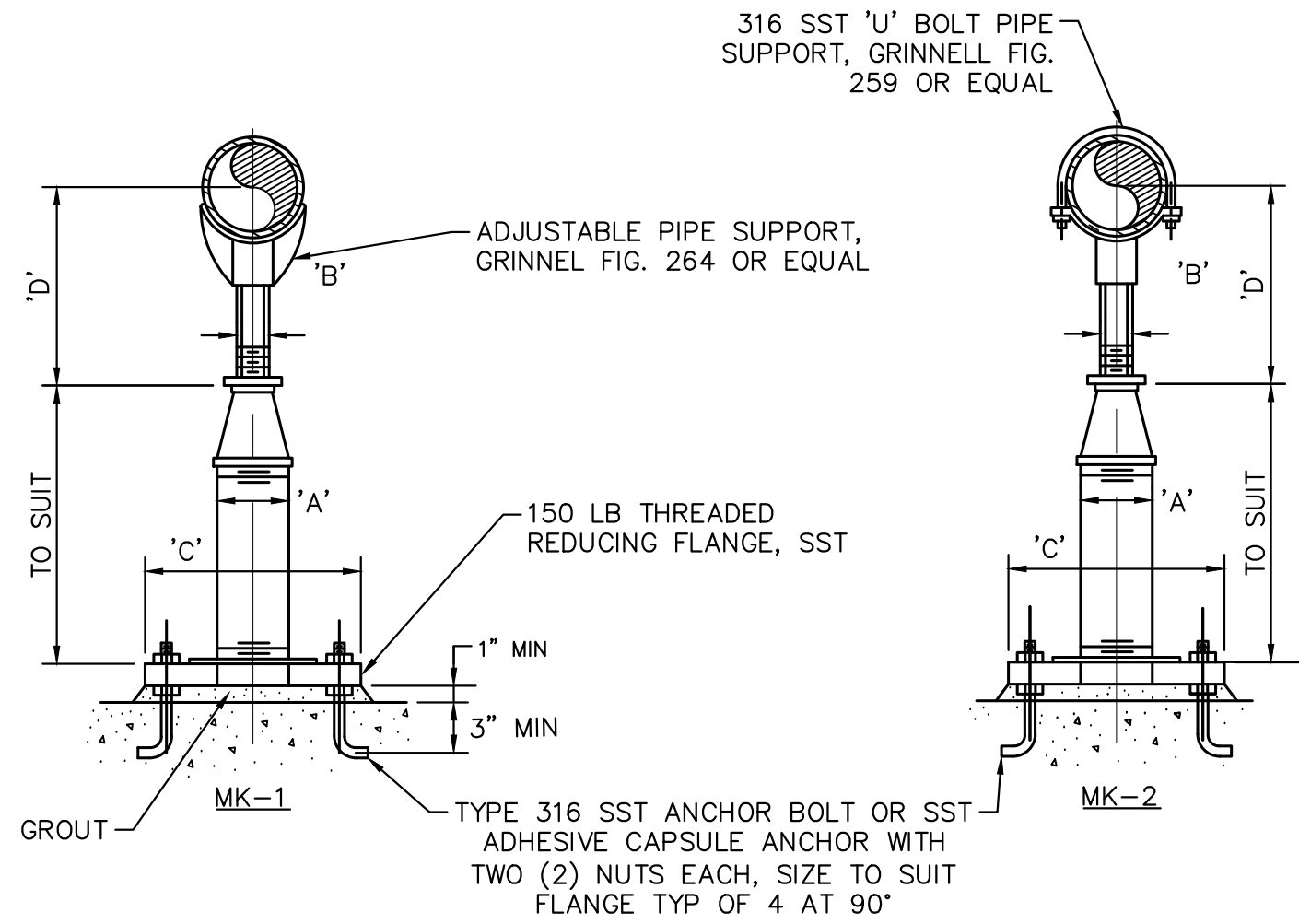
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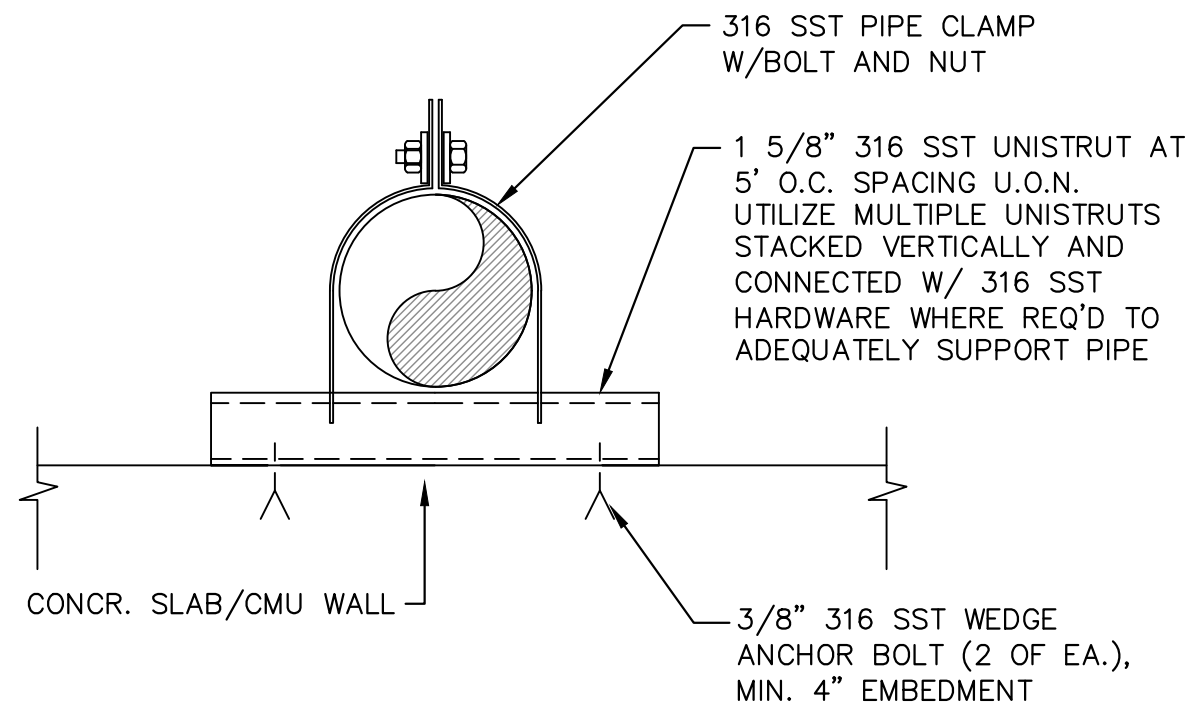


ADJUSTABLE PIPE SUPPORT APPROX. DIMENSIONS IN INCHES					
PIPE SIZE	A	B	C	D MIN.	D MAX.
2 1/2	2 1/2	1 1/2	9	8	11 1/2
3	2 1/2	1 1/2	9	8 1/4	11 3/4
3 1/2	2 1/2	1 1/2	9	8 1/2	12
4	3	2 1/2	9	10 1/4	14
6	3	2 1/2	9	11 5/8	15 1/4
8	3	2 1/2	9	13 5/8	16 1/2
10	3	2 1/2	9	14 5/8	18 1/4
12	3	2 1/2	9	15 5/8	19 3/4
14	4	3	11	18 5/8	20 3/4

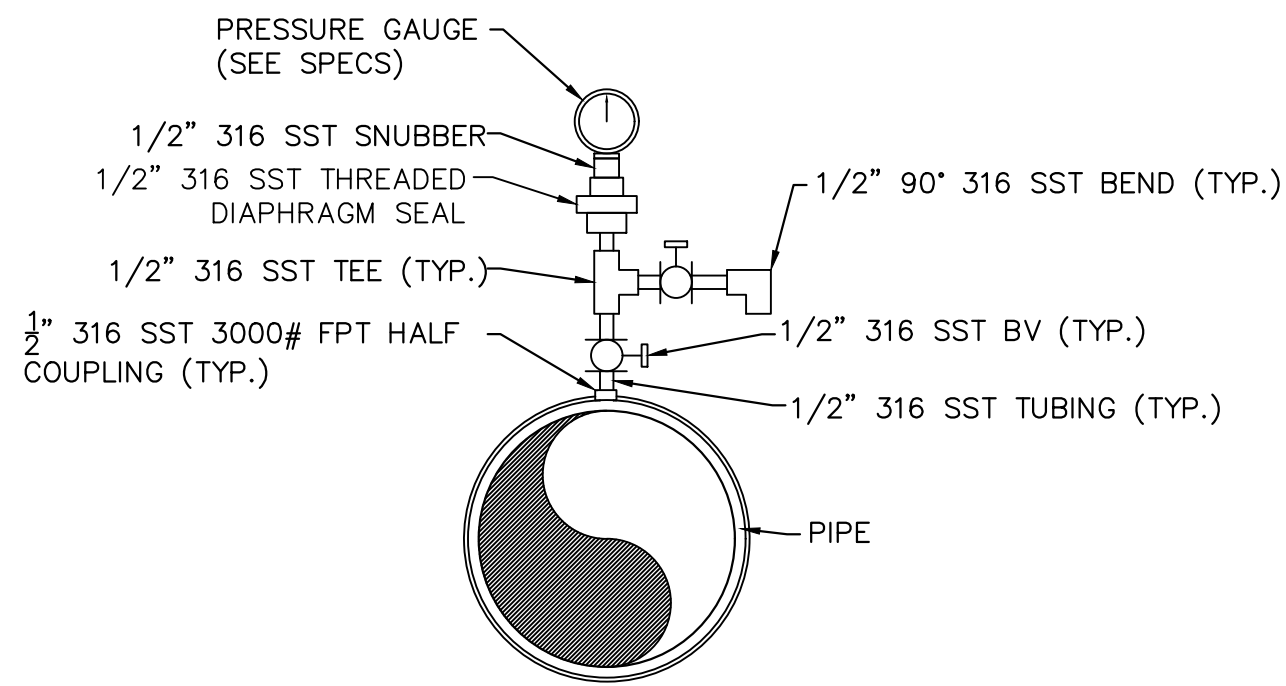
NOTE

1. UNDER VALVES, METERS OR OTHER SPECIAL APPURTENANCES. A FABRICATED SUPPORT PIECE MAY BE UTILIZED AS ACCEPTABLE TO ENGINEER

1 STANCHION PIPE SUPPORT DETAIL
Scale: N.T.S.



2 PIPE SUPPORT DETAIL
Scale: N.T.S.



3 PRESSURE INDICATOR DETAIL
Scale: N.T.S.

CONFORMED SET

No.	REVISIONS	DATE	BY

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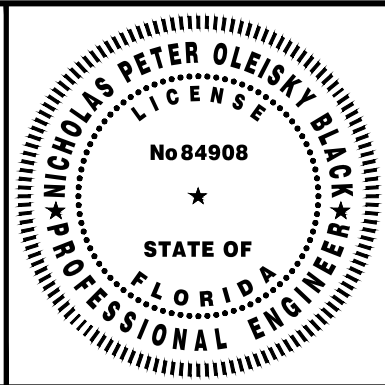
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KHA PROJECT 144957081
DATE MAY 2025
SCALE AS SHOWN
DESIGNED BY NPOB
DRAWN BY DC
CHECKED BY NPOB

**HIGH PRESSURE PUMP NO. 9
IMPROVEMENTS**
PREPARED FOR
VILLAGE OF WELLINGTON

PALM BEACH COUNTY

FLORIDA



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CONSTRUCTION DETAILS

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9 OF 21

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3. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL CONTACT SQUARE D/SCHNEIDER ELECTRIC TO VERIFY THEIR SCOPE OF SERVICES. ANY WORK SPECIFIED IN THESE DRAWINGS AND SPECIFICATIONS AND NOT FURNISHED BY THE OWNER PURCHASED EQUIPMENT FROM SQUARE D SHALL BE FURNISHED BY THE CONTRACTOR. THE INTENTION IS FOR THE CONTRACTOR TO OBTAIN COMPLETE RESPONSIBILITY FOR COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS. THIS INCLUDES ALL SCHEDULING, START-UP, TESTING AND TRAINING SERVICES REQUIRED TO INSTALL OWNER PURCHASED EQUIPMENT FOR A WORKING SYSTEM COMPLETE IN PLACE AND IN COMPLIANCE WITH THESE DRAWINGS AND THE SPECIFICATIONS.

- 48.1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
48.2. O&M MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
48.3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

CONFORMED SET

**HILLERS ELECTRICAL
ENGINEERING, INC.**
23257 STATE ROAD 7, SUITE 100
BOCA RATON, FLORIDA 33428

(561) 451-4886 FAX
LICENSE NO: EB 000687

BAR IS ONE INCH ON

0 1'

IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

E-2

11 OF 21

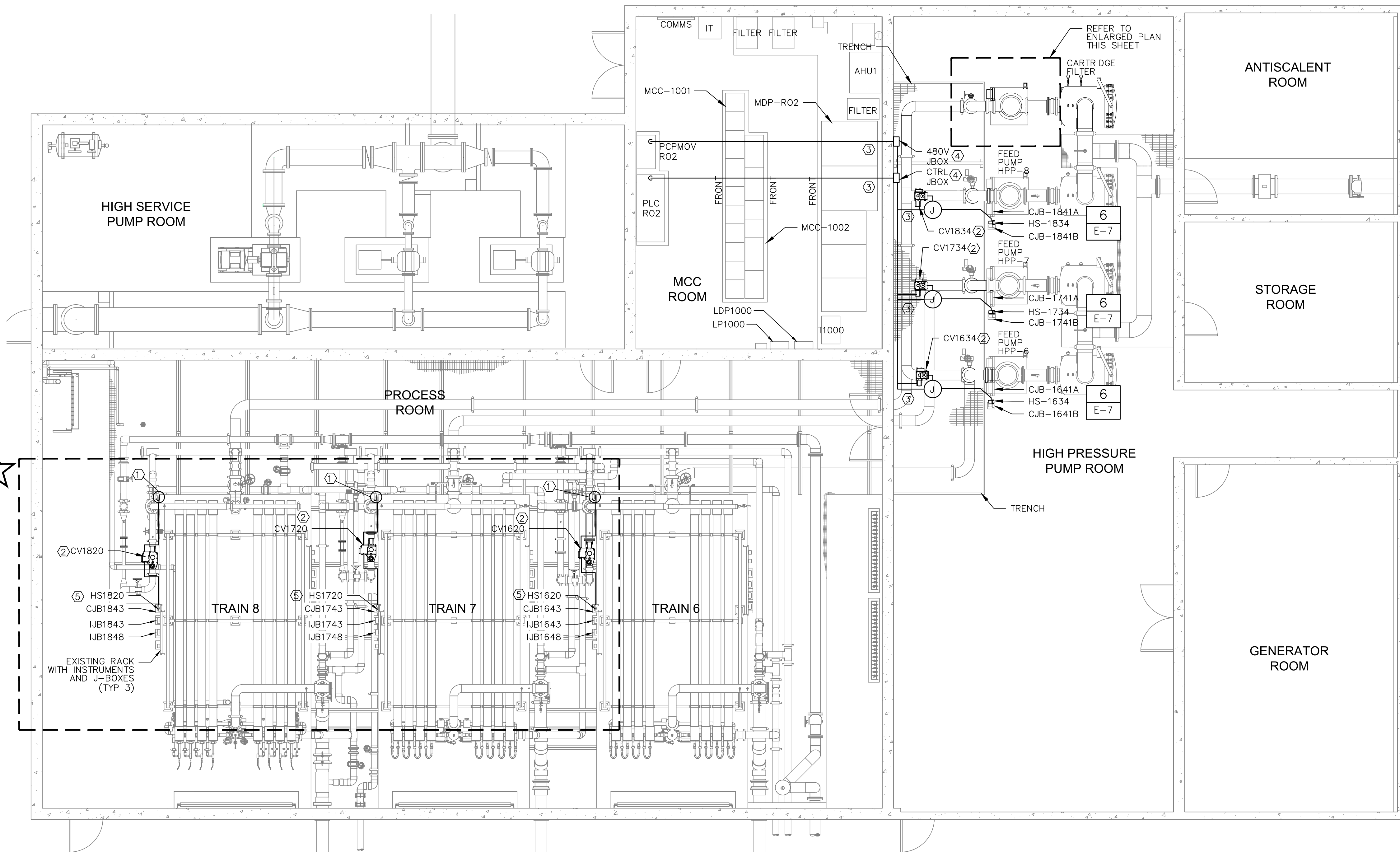
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ELECTRICAL GENERAL NOTES AND SPECIFICATIONS

on the date adjacent
to the seal.

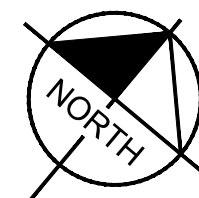
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Page 29



1


Scale: $3/16" = 1'-0"$



NOT FOR CONSTRUCTION

**HILLERS ELECTRICAL
ENGINEERING, INC.**
23257 STATE ROAD 7, SUITE 100
BOCA RATON, FLORIDA 33428
(561) 451-9165
(561) 451-4886 FAX
LICENSE NO: EB 0006877

VERIFY SCALES

BAR IS ONE INCH ON
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0  1"
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E-3

12 OF 21

This item has been digitally signed and sealed by

MEMBRANE BUILDING 2 MODIFIED ELECTRICAL PLAN

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Page 30



KEYED NOTES:

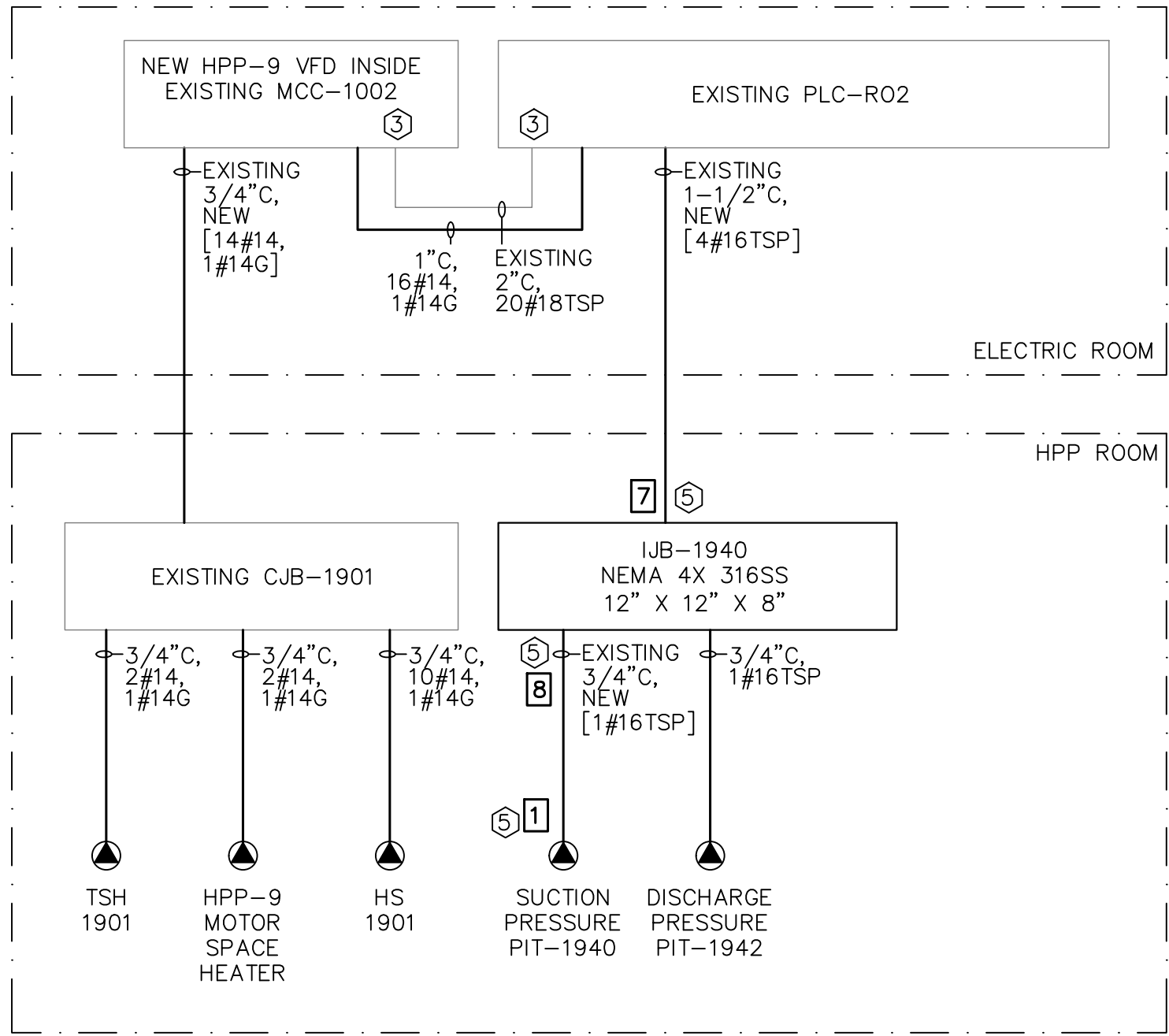
- 1) CONTRACTOR SHALL UTILIZE EXISTING SECTION IN MCC-1002 FOR NEW HPP-9 VFD. FURNISH ALL LABOR AND MATERIALS REQUIRED FOR A FULLY FUNCTIONAL VFD SECTION COMPLETE IN PLACE.
- 2) EXISTING MCC-1002 IS SQUARE D MODEL 6, FRONT ACCESS ONLY. ALL MODIFICATIONS SHALL MAINTAIN UL LISTING OF THE MCC ASSEMBLY.
- 3) EXISTING CONDUIT STUB LOCATED AT EQUIPMENT. CONTRACTOR SHALL EXTEND EXISTING CONDUIT AND TERMINATE ONTO NEW EQUIPMENT AS INDICATED IN DRAWINGS AND SPECIFICATIONS. FURNISH ALL LABOR AND MATERIALS FOR A WORKING HIGH PRESSURE PUMP SYSTEM COMPLETE IN PLACE.
- 4) VFD ASSEMBLY IS OWNER FURNISHED EQUIPMENT. THE VILLAGE SHALL NOT BE RESPONSIBLE FOR COORDINATION OF SCHEDULING OF EQUIPMENT MANUFACTURER TO COMPLETE THE WORK SCOPE DEFINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REVIEWING SHOP DRAWING SUBMITTALS, ADJUSTMENTS, COORDINATION AND INTEGRATION OF OWNER FURNISHED EQUIPMENT, INCLUDING SCHEDULING OF EQUIPMENT MANUFACTURER FOR INSTALLATION, TESTING, AND START-UP FOR A WORKING SYSTEM COMPLETE IN PLACE. REFER TO SPECIFICATIONS 16480 AND 16485 FOR ADDITIONAL REQUIREMENTS.

MODIFIED MCC-1002 ELEVATION
NOT TO SCALE

[illegible]

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HIGH PRESSURE PUMP NO. 9
INSTRUMENTATION AND CONTROL DIAGRAM
NOT TO SCALE REFER TO NOTE 5



PHOTO 1 – EXISTING HPP-9 CONDUIT STUBS
NOT TO SCALE

PCPMOVRO2 CONNECTED LOAD SUMMARY ^⑧	
EXISTING CONNECTED LOAD	18.9 A
NEW CONNECTED LOAD	6.3 A
CONNECTED LOAD TOTAL	25.2 A
25% LARGEST MOTOR	0.6 A
MINIMUM REQ. AMPACITY	25.8 A
KVA, 480V, 3-PH	21.4 KVA
EXISTING FEEDER AMPACITY-10 AWG	35.0 A

GENERAL NOTES:

1. REFER TO PLAN DRAWINGS FOR EQUIPMENT LOCATIONS.
2. PROVIDE PERMANENT LABELS FOR AND COIL SPARE WIRES IN JUNCTION BOXES THAT ARE ACCESSIBLE AT FINISHED FLOOR ELEVATION.
3. NOT ALL CONDUITS AND CABLES SHOWN. SEE OTHER PLAN DRAWINGS FOR ADDITIONAL CONDUITS AND CABLES.
4. BEFORE INSTALLATION, THE CONTRACTOR SHALL COORDINATE ALL CONDUIT REQUIREMENTS WITH INSTRUMENTATION CONTRACTOR AND MECHANICAL EQUIPMENT SUPPLIER DIVISION 11. IF REQUIRED FOR SPECIFIED FUNCTIONALITY, FURNISH AND INSTALL ADDITIONAL CONTROL WIRES AND ADJUST CONDUIT SIZE AT NO ADDITIONAL COST TO THE VILLAGE.
5. UTILIZE EXISTING CONDUITS STUBS AS IDENTIFIED IN THE CONDUIT STUB LEGEND TO COMPLETE CONDUIT RUNS BETWEEN EQUIPMENT SHOWN ON THE RISER DIAGRAMS.
6. TO THE EXTENT POSSIBLE, INSTALLATION OF NEW EQUIPMENT SHALL MATCH EXISTING INSTALLATIONS FOR FEED PUMPS 6, 7 AND 8.
7. CONDUITS WITHIN TRENCHES SHALL BE ROUTED AS TO NOT CREATE OBSTACLES OR OBSTRUCT EXISTING ACCESS TO EQUIPMENT. PROVIDE ADDITIONAL PULL POINTS AS REQUIRED BY FIELD ROUTING OF CONDUITS WITHIN TRENCHES. WHERE CONDUITS MUST TRAVERSE THE SPAN OF THE TRENCH, THEY SHALL BE SUPPORTED BY UNISTRUT MOUNTED TO TRENCH FLOOR.
8. CONDUIT ENTRIES FROM TOP OF ENCLOSURES NOT PERMITTED IN PIPING TRENCH.

KEYED NOTES:

- ① DISCONNECTING MEANS FOR VALVE ELECTRIC ACTUATOR LOCATED INSIDE PANEL PCPMOVRO2.
- ② FIELD VERIFY AND USE 2 EXISTING #16TSP WIRES TO INTERFACE NEW CONCENTRATE VALVE POSITION COMMAND AND FEEDBACK SIGNALS INTO EXISTING PLC-R02.
- ③ SPARE SIGNAL AND CONTROL WIRES ARE BUNDLED AND COILED IN BOTTOM OF PANEL. FIELD VERIFY SPARES AND CONNECT NEW SIGNALS TO EXISTING TERMINAL BLOCKS. FURNISH AND INSTALL NEW TERMINAL BLOCKS IF NO SPARES ARE AVAILABLE.
- ④ INTERCEPT EXISTING CV1X46 POWER CONDUIT ON TRENCH WALL AND INSTALL SPLICE JUNCTION BOX, EXTEND CONDUCTORS TO NEW VALVE. TYPICAL OF 3 (X=6,7,8)
- ⑤ INTERCEPT EXISTING CONDUIT STUB AND EXTEND TO NEW EQUIPMENT.
- ⑥ INTERFACE NEW CONCENTRATE VALVE CV-1X20 IN AUTO AND FAILED SIGNALS WITH EXISTING PCPMOVRO2. FIELD VERIFY AND SPLICE CONDUCTORS IN EXISTING 2-7/C#16 CABLES ASSOCIATED WITH CV-1X46. SPLICES SHALL BE MADE INSIDE CJB-1X43. LABEL WIRES WITH NEW SHRINK-WRAP MARKERS INDICATING TAG.
- ⑦ FIELD VERIFY AND USE EXISTING CV-1X46 OPEN AND CLOSE FEEDBACK SIGNAL WIRES BETWEEN PCPMOVRO2 AND PLC-R02 FOR NEW CV-1X20 IN AUTO AND FAILED SIGNALS. LABEL WIRES WITH NEW SHRINK-WRAP MARKERS INDICATING TAG.
- ⑧ NEW VALVE ACTUATORS ARE RATED 1/8 HP AND INTERMITTENT DUTY.
- ⑨ FIELD MODIFY GRATING FOR CONDUIT ENTRIES, DEBURR ALL CUT EDGES. AT COMPLETION, GRATING SHALL BE REMOVABLE WITHOUT ALTERING CONDUITS.

CONDUIT STUB LEGEND:

- ① 3/4" C TO CONDUIT STUB ⑧ FOR PIT-1940
- ② 3/4" C TO VFD SECTION IN MCC-1002
- ③ 2" C TO VFD SECTION IN MCC-1002 FOR PUMP POWER
- ④ 2" C TO VFD SECTION IN MCC-1002 FOR PUMP POWER
- ⑤ 3/4" C TO VFD SECTION INC MCC-1002
- ⑥ EXISTING GROUNDING PIGTAIL FOR HPP-9
- ⑦ 1-1/2" C TO PLC-R02
- ⑧ 3/4" C TO CONDUIT STUB ① FOR PIT-1940
- ⑨ 3/4" C SPARE
- ⑩ SPARE
- ⑪ 3/4" C TO CONDUIT STUB ⑭
- ⑫ 3/4" C TO PCPMOVRO2
- ⑬ 1" C TO PLC-R02
- ⑭ 3/4" C TO CONDUIT STUB ⑪
- ⑮ 1-1/2" C TO PLC-R02

LEGEND:



CONFORMED SET

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(561) 451-9165
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SHEET NUMBER

E-5

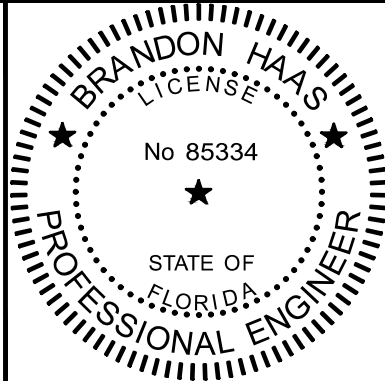
14 OF 21

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HIGH PRESSURE PUMP NO. 9
IMPROVEMENTS
PREPARED FOR
VILLAGE OF WELLINGTON

PALM BEACH COUNTY

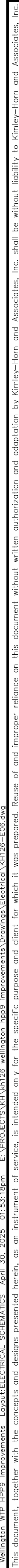
FLORIDA

Kimley»Horn

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KHA PROJECT
144957081
DATE
MAY 2025
SCALE AS SHOWN
DESIGNED BY BKH
DRAWN BY BKH
CHECKED BY MEL

No.	REVISIONS	DATE	BY
1	CONTRACT MODIFICATIONS	10/16/24	BKH



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Page 33

ELECTRICAL SCHEMATICS

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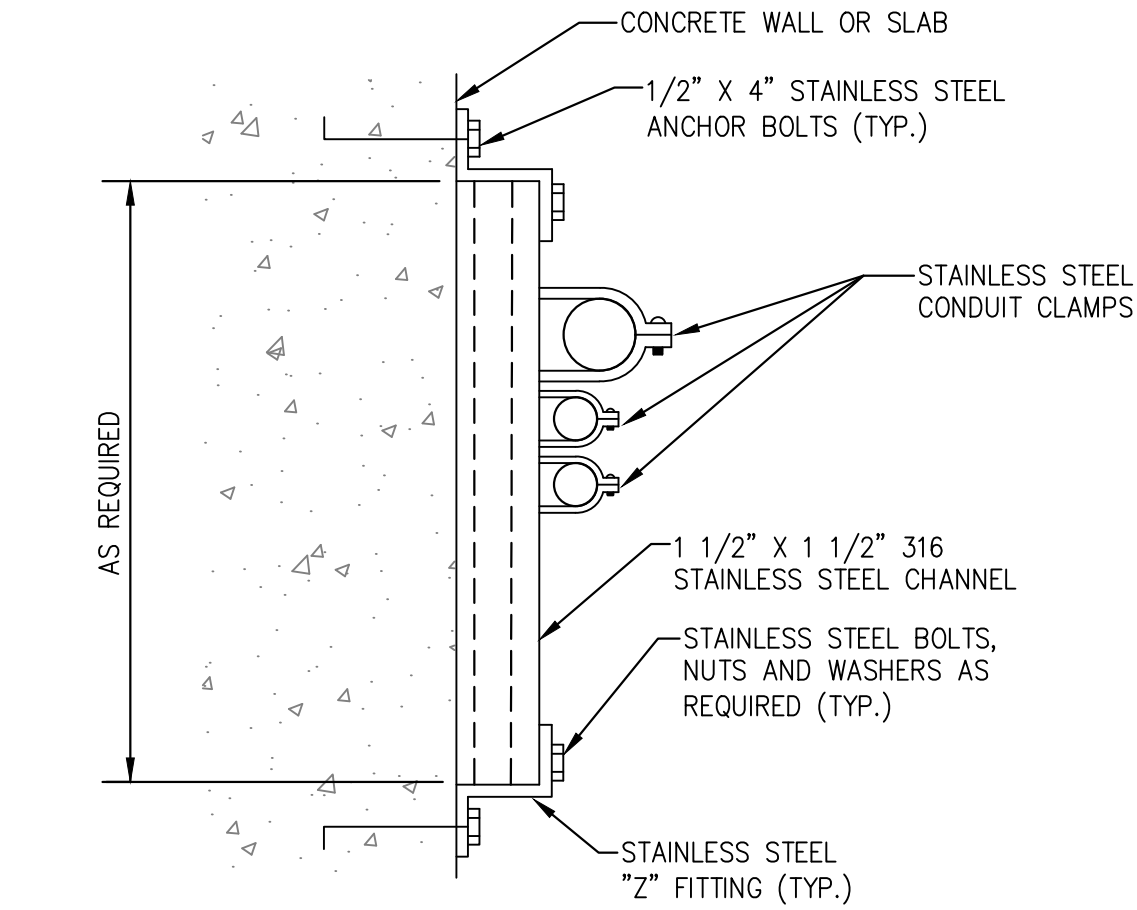
A circular professional engineer seal for Brandon Haas, State of Florida. The seal features the text "BRANDON HAAS" at the top, "LICENSE" below it, "No 85334" in the center, "STATE OF FLORIDA" below the center, and "PROFESSIONAL ENGINEER" at the bottom. The seal is surrounded by a decorative border of small stars.

Kimley»»Horn

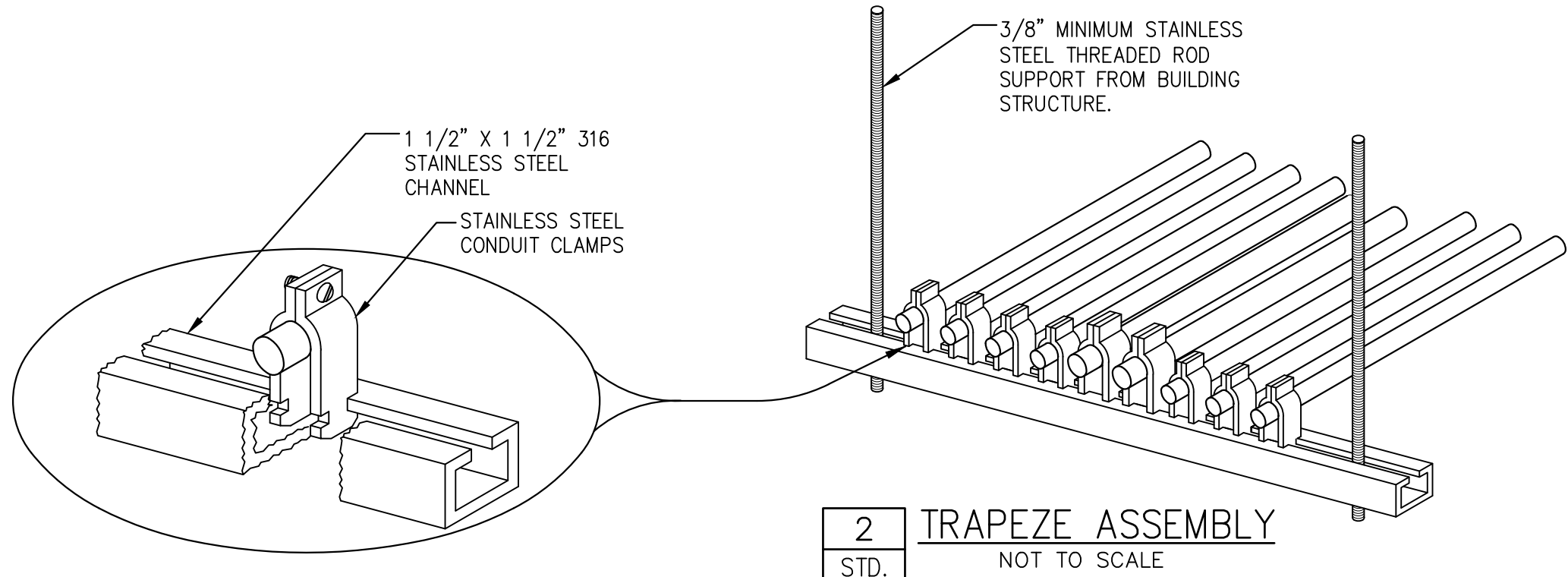
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A	CONTRACT MODIFICATIONS	10/16/24	BKH
No.	REVISIONS	DATE	BY

Project: Bu-Bridge-Horn - Sheet: Electrical - Improvements - Standard Details - April 10, 2025 - 04-10-2025 - E:\Projects\Bu-Bridge-Horn - Sheet: Electrical - Improvements - Standard Details - April 10, 2025 - 04-10-2025 - E:\Projects\Bu-Bridge-Horn - Sheet: Electrical - Improvements - Standard Details - April 10, 2025 - 04-10-2025

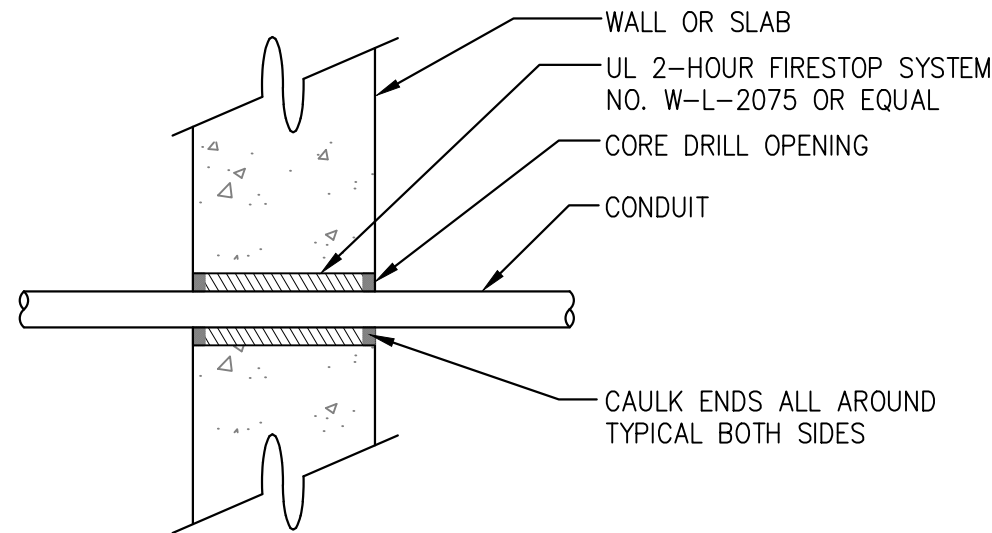


1 CONDUIT SUPPORT
STD. NOT TO SCALE

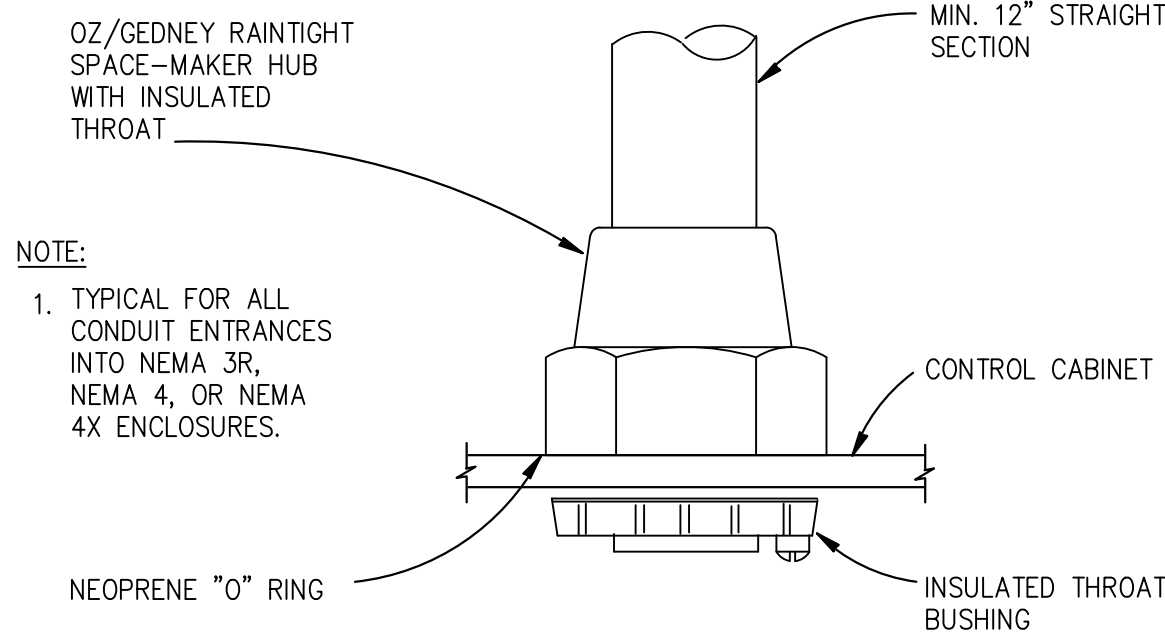


CONDUIT PIPE STRAP MOUNTING DETAILS

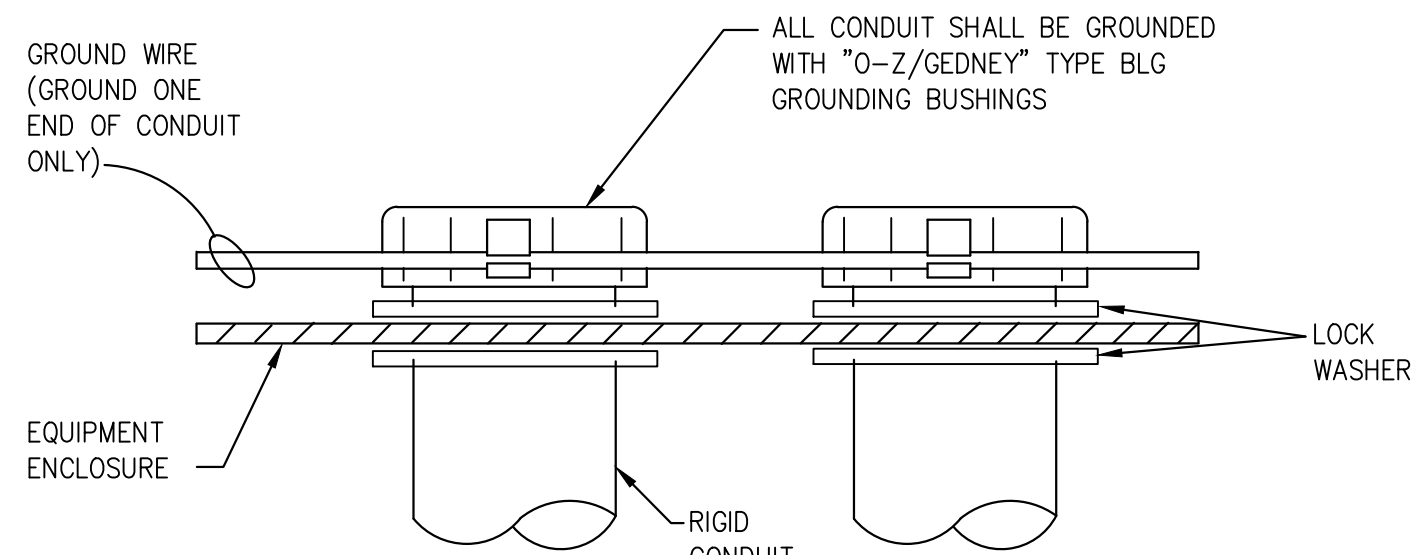
2 TRAPEZE ASSEMBLY
STD. NOT TO SCALE



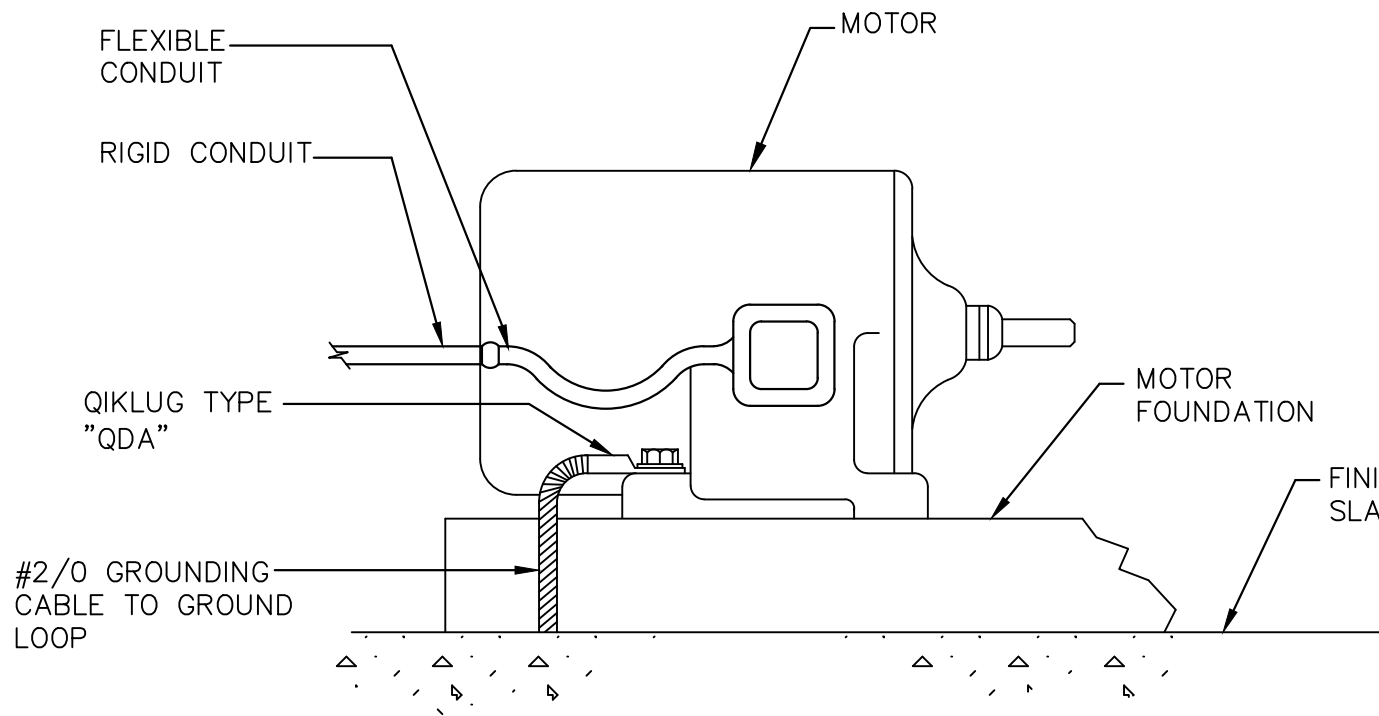
3 CONDUIT PENETRATION AT WALL OR SLAB
STD. NOT TO SCALE



4 CONDUIT HUB
STD. NOT TO SCALE



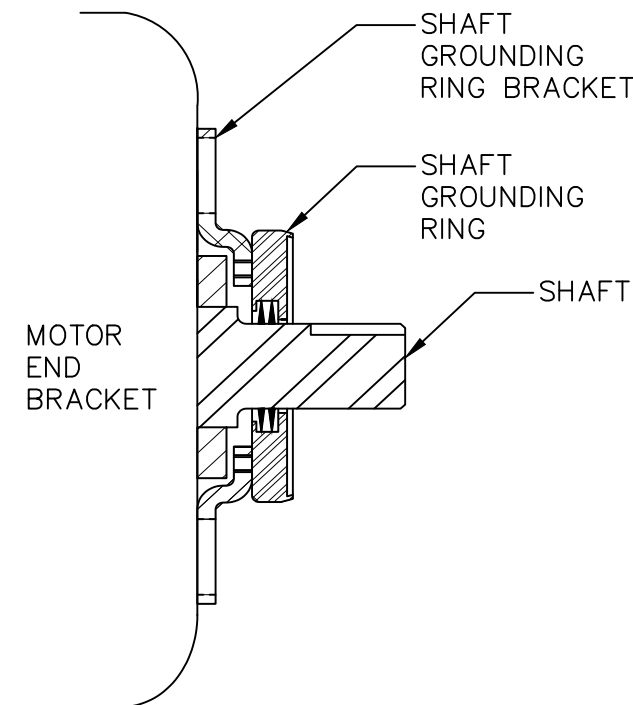
5 CONDUIT GROUNDING
STD. NOT TO SCALE



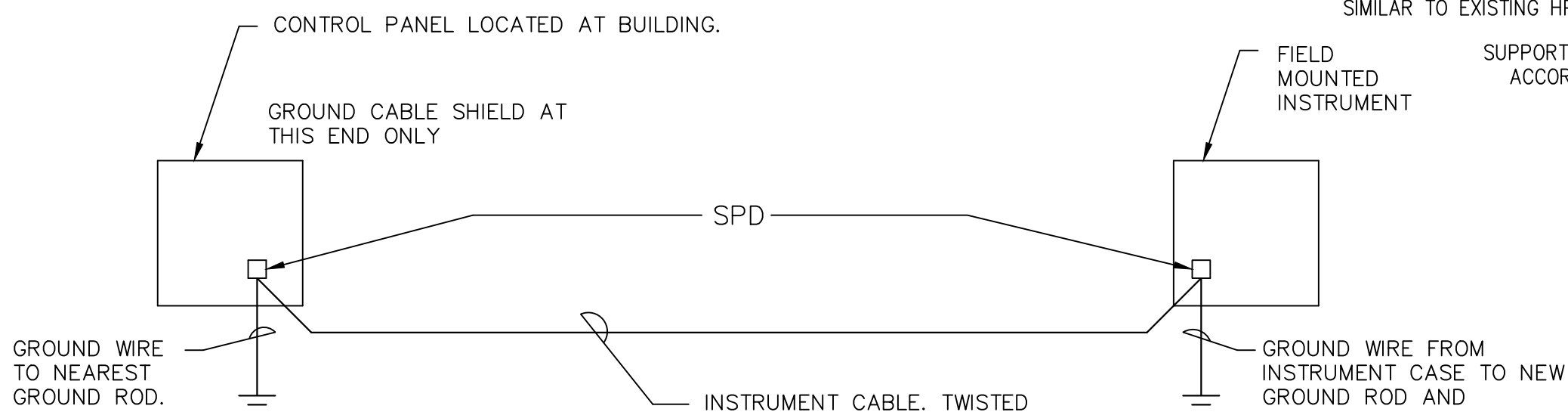
NOTE:
1. THIS GROUND IS IN ADDITION TO THE GROUND FROM THE MAIN ELECTRICAL SERVICE.
2. HORIZONTAL MOTOR SHOWN, ADJUST AS NECESSARY FOR VERTICAL MOTORS.

7 TYPICAL EQUIPMENT GROUNDING DETAIL
STD. NOT TO SCALE

NOTES:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
2. HORIZONTAL ARRANGEMENT SHOWN, ADJUST INSTALLATION AS REQUIRED FOR VERTICAL INSTALLATIONS

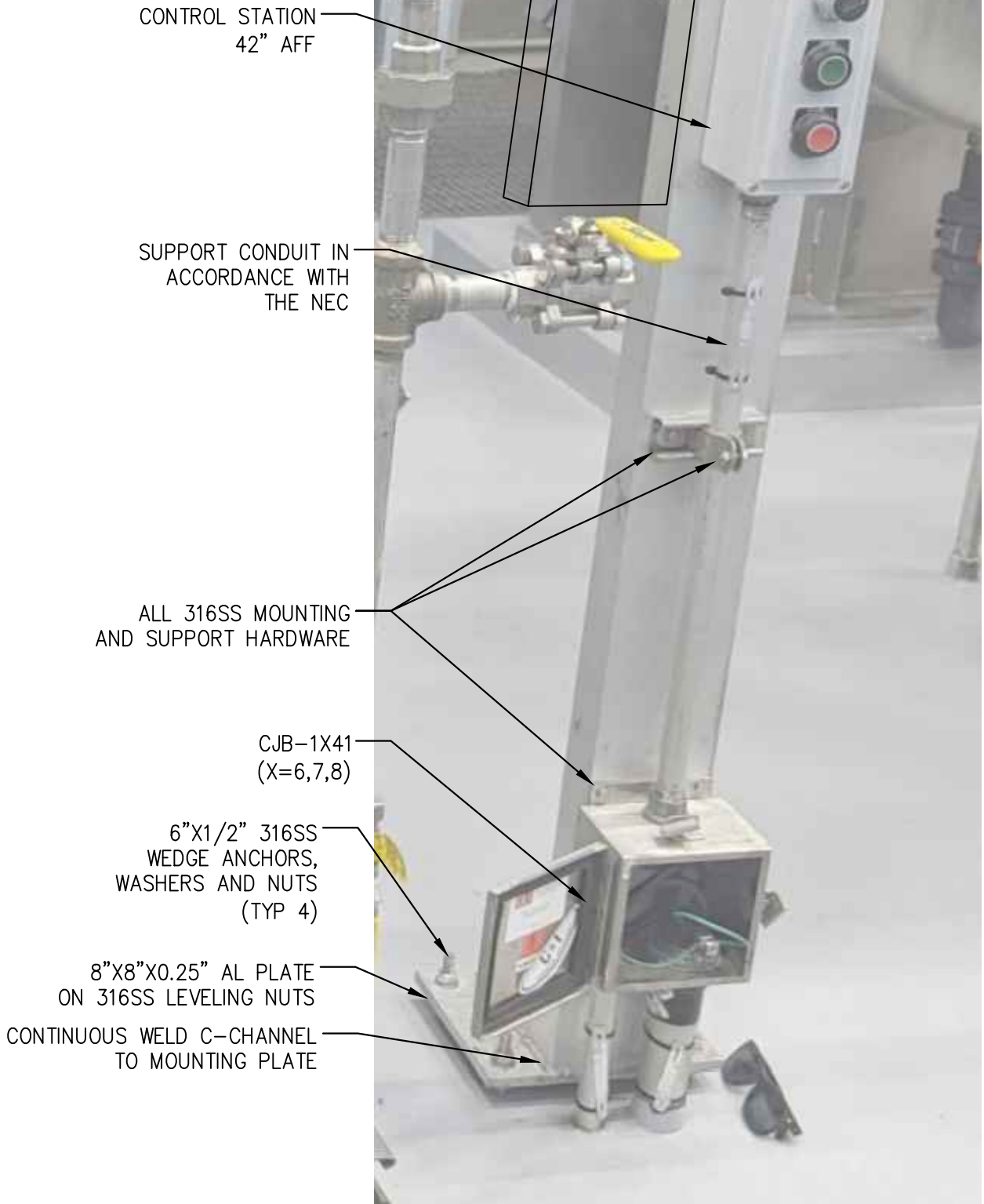


8 SHAFT GROUNDING RING
STD. NOT TO SCALE

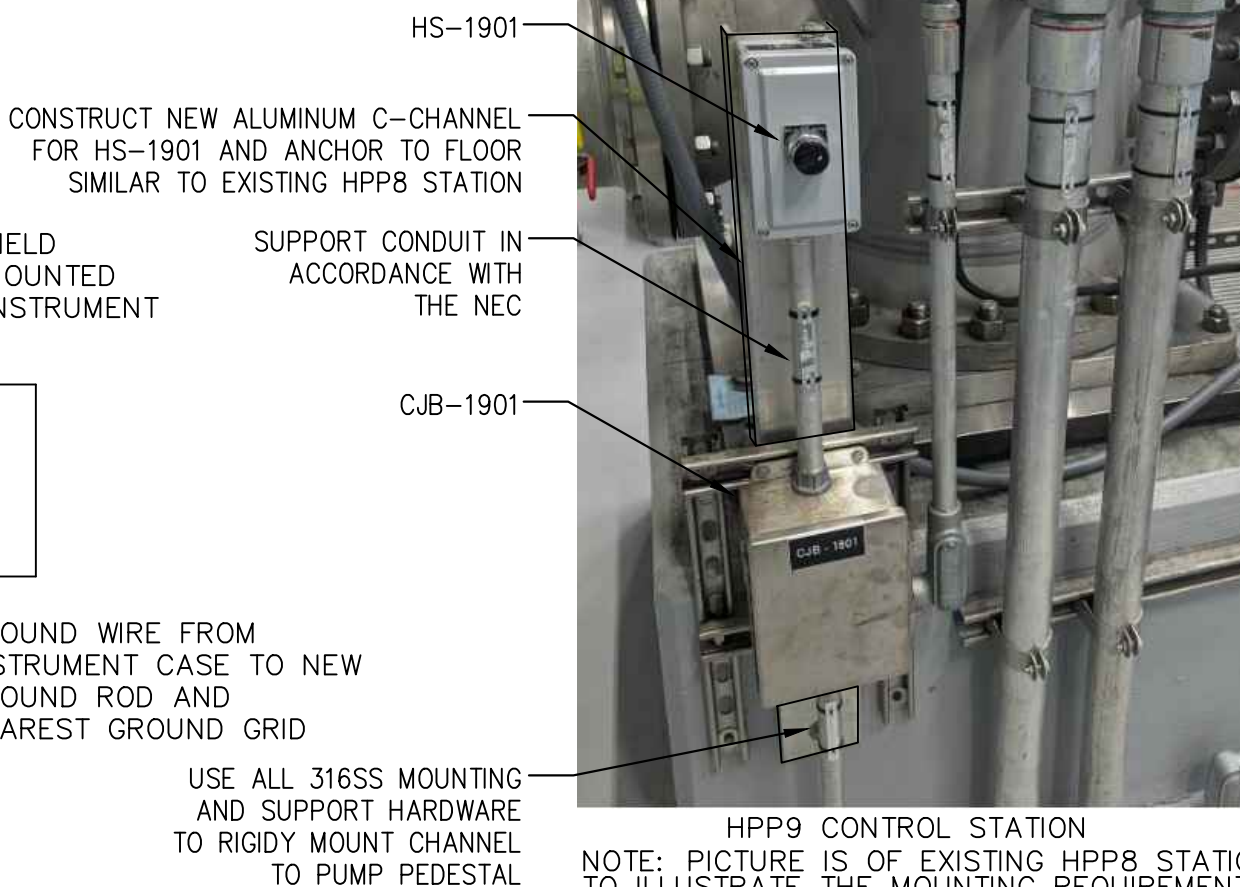


9 INSTRUMENTATION GROUNDING & SURGE PROTECTION
STD. NOT TO SCALE

FASTEN NEW 6\"/>



6 HPP6, 7 AND 8 CV CONTROL STATION
E-3 NOT TO SCALE



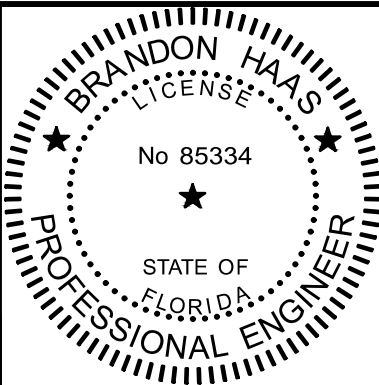
10 HPP9 CONTROL STATION
E-3 NOT TO SCALE

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KHA PROJECT
144957081
DATE
MAY 2025
SCALE AS SHOWN
DESIGNED BY BKH
DRAWN BY BKH
CHECKED BY MEL

HIGH PRESSURE PUMP NO. 9
IMPROVEMENTS
PREPARED FOR
VILLAGE OF WELLINGTON

PALM BEACH COUNTY

FLORIDA

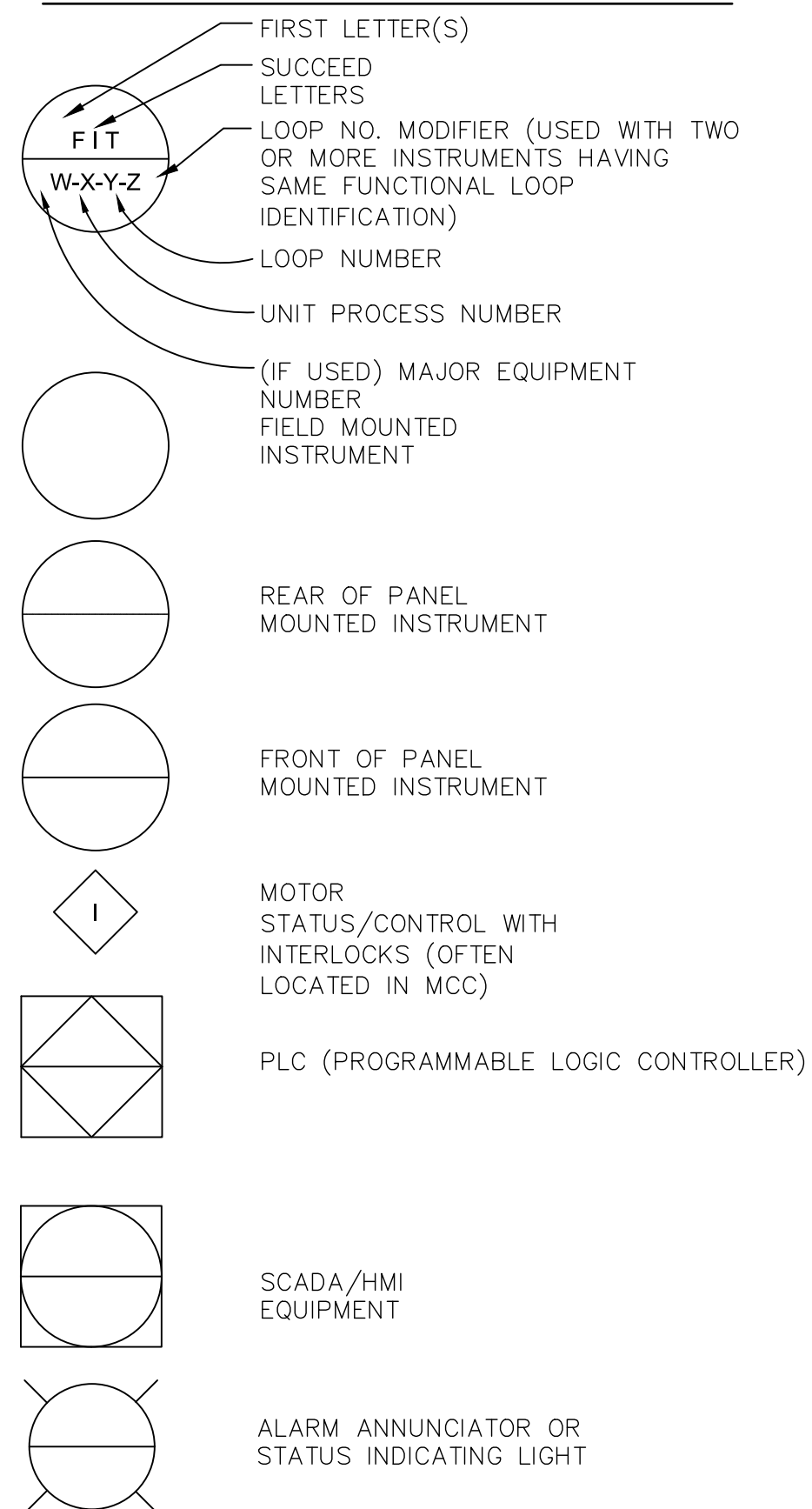
No.	REVISIONS	DATE	BY
1	CONTRACT MODIFICATIONS	10/16/24	BKH

INSTRUMENT SOCIETY OF AMERICA TABLE

LETTER	FIRST LETTER		SUCCEEDING LETTERS		
	PROCESS OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER
A	ANALYSIS (*)		ALARM		USERS CHOICE (*)
B	BURNER FLAME		USERS CHOICE (*)	USERS CHOICE (*)	
C	CONDUCTIVITY			CONTROL	CLOSE
D	DENSITY (S.G.)	DIFFERENTIAL			
E	VOLTAGE		PRIMARY ELEMENT		
F	FLOW RATE	RATIO			
G	GAUGE		GLASS	GATE	
H	HAND (MANUAL)				HIGH
I	CURRENT		INDICATE		
J	POWER	SCAN			
K	TIME OR SCHEDULE			CONTROL STATION	
L	LEVEL		LIGHT (PILOT)		LOW
M	MOTION				MIDDLE
N	STROKE		USERS CHOICE (*)	USERS CHOICE (*)	NORMAL
O	LOOP VEH. DETECTOR		OFFICE		OPEN
P	PRESSURE OR VACUUM		POINT (TEST CONNECTION)		
Q	QUANTITY OR EVENT		INTEGRATE		
R	RATIO		RECORD OR PRINT		
S	SPEED OR FREQUENCY	SAFETY		SWITCH	
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE (*)		MULTIFUNCTION (*)		
V	VIBRATION			VALVE	
W	WEIGHT OR FORCE		WELL		
X	UNCLASSIFIED (*)		UNCLASSIFIED (*)	UNCLASSIFIED (*)	UNCLASSIFIED (*)
Y	PHOTO CELL		LIGHT SOURCE	RELAY OR COMPUTE (*)	
Z	POSITION			DRIVE, ACTUATE OR UNCLASSIFIED FINAL CONTROL ELEMENT	

(*) WHEN USED, EXPLANATION IS SHOWN
ADJACENT TO INSTRUMENT SYMBOL

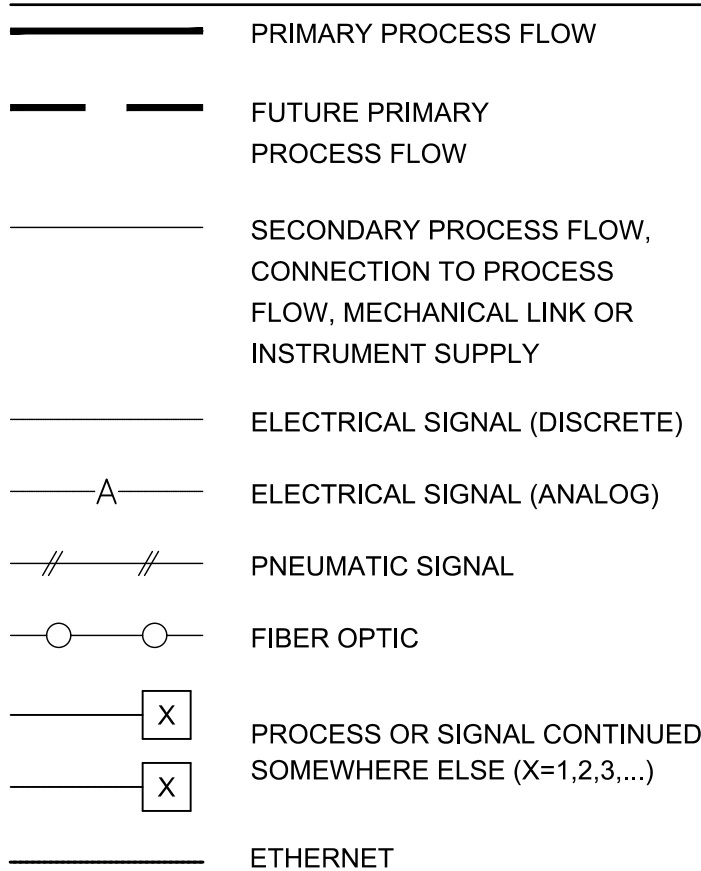
INSTRUMENT IDENTIFICATION



NOTES:

1. COMPONENTS AND PANELS SHOWN WITH A DIAMOND (◆) ARE TO BE PROVIDED UNDER SECTION "INSTRUMENTATION & CONTROLS".
2. COMPONENTS AND PANELS SHOWN WITH A DOUBLE ASTERISK (**) ARE TO BE PROVIDED AS PART OF A PACKAGED OR MECHANICAL SYSTEM.
3. COMPONENTS AND PANELS SHOWN WITH A TRIANGLE (▲) ARE EXISTING.
4. COMPONENTS AND PANELS WHICH HAVE NO SYMBOL ATTACHED TO IT ARE EXISTING.
5. COMPONENTS AND PANELS SHOWN WITH A HEXAGON (⬡) ARE EXISTING TO BE MODIFIED AND/OR RELOCATED.
6. COMPONENTS AND PANELS SHOWN WITH A SQUARE (■) ARE PROVIDED BY THE OWNER.
7. THE SINGLE INSTRUMENT & CONTROL SUPPLIER SHALL HAVE A U.L. APPROVED SHOP.
8. ALL PROCESS TUBING AND ISOLATION VALVES SHALL BE 1/4" - 316 S.S., UNLESS OTHERWISE NOTED.
9. ALL CONTROL PANELS SHALL BE FURNISHED AND INSTALLED WITH A 1P-15A CIRCUIT BREAKER, UNLESS OTHERWISE NOTED.
10. SEE MECHANICAL PLANS AND SPECIFICATIONS FOR EQUIPMENT NUMBERS.
11. SUNSHIELD SHALL BE PROVIDED FOR ALL OUTDOOR INSTRUMENTS.

INSTRUMENT LINE SYMBOLS

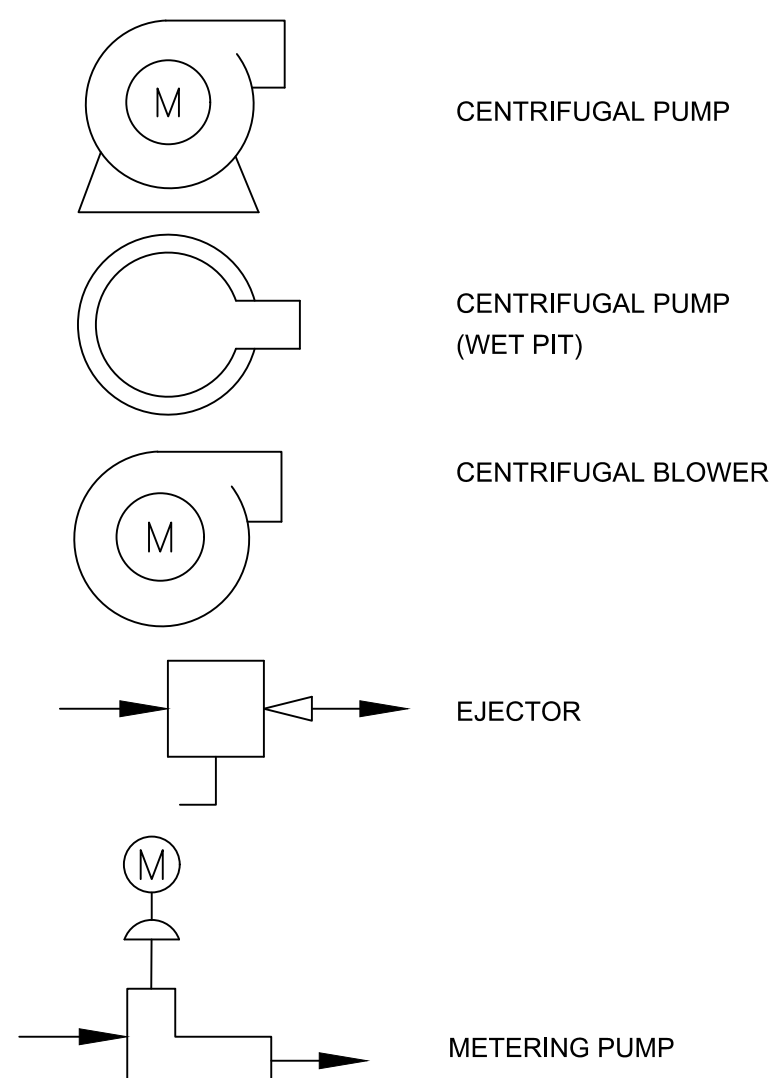


INSTRUMENT ABBREVIATION

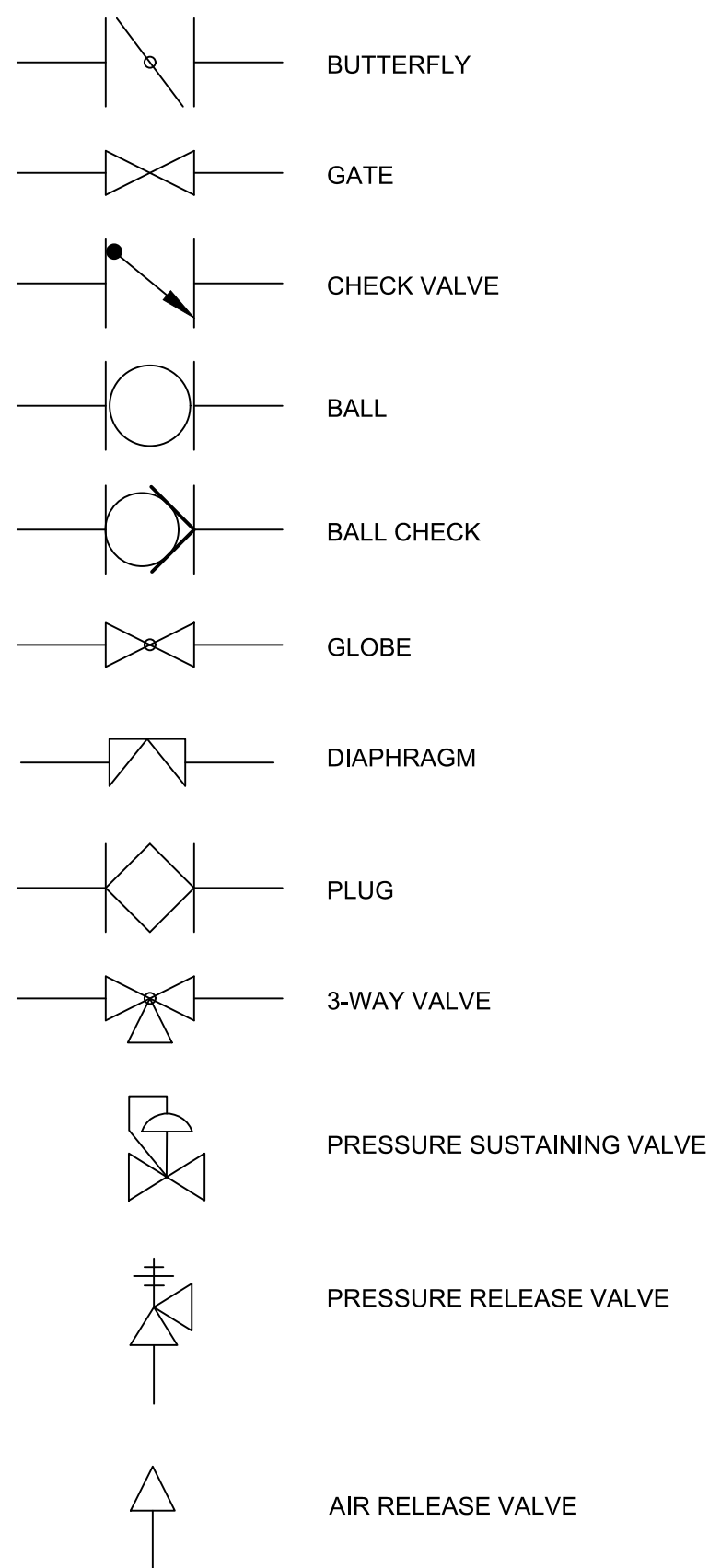
ACC	ACCELERATOR
BFP	BELT FILTER PRESS
CL2	CHLORINE
CLW	CLEARWELL
COM	COMMON
COND	CONDUCTIVITY
CP	CONTROL PANEL
DI, AI	DISCRETE INPUT, ANALOG INPUT
DO, AO	DISCRETE OUTPUT, ANALOG OUTPUT
D.O.	DISSOLVED OXYGEN
DR	DISTANCE RELAY
EFFL	EFFLUENT
EP	ELECTRICAL PANEL
ES	EMERGENCY STOP
ETM	ELAPSED TIME METER
FD	CHEMICAL FEEDER
FIL	FILTER
GEN	GENERATOR
HLO	HIGH-LOW-OFF
HLOR	HIGH-LOW-OFF-REMOTE
HOA	HAND-OFF-AUTO
HOR	HAND-OFF-REMOTE
HOTC	HAND-OFF-TIMER-COMPUTER
H/L	HIGH/LOW
HSP	HIGH SERVICE PUMP
INFL	INFLUENT
JP	JOCKEY PUMP
LOS	LOCK-OUT-STOP
LPU	LINE PROTECTION UNIT
MCC	MOTOR CONTROL CENTER
MCP	MAIN CONTROL PANEL
ME	MISCELLANEOUS EQUIPMENT
M.G.	MILLION GALLON
MOD.	MODULATING VALVE
MOV	MOTOR OPERATED VALVE
OCA	OPEN-CLOSE-AUTO
OC, O/C	OPEN-CLOSE
OO	ON-OFF
ORP	OXIDATION REDUCTION POTENTIAL
OSC	OPEN-STOP-CLOSE
OSCR	OPEN-STOP-CLOSE-REMOTE
PH	HYDROGEN ION CONCENTRATION
PRES	PRESSURE
RES	RESTORE
RF	RF (ADMITTANCE) LEVEL MONITOR
RIP, RIO	REMOTE I/O PANEL
R/L	REMOTE/LOCAL
RSP	REMOTE SETPOINT
SA	SURGE ARRESTER
SEC	SECONDARY
SL	SLAKER
SF	SONIC FLOWMETER
SP	SETPOINT
SS	START/STOP
ST	STEP
STOR	STORAGE
SUS	SUSPENDED SOLIDS
SSRVS	SOLID STATE REDUCED VOLTAGE STARTER
TD	THERMAL DISPERSION
TP	TRANSFER PUMP
TURB	TURBIDITY
VFD	VARIABLE FREQUENCY DRIVE

INSTRUMENTATION LEGEND

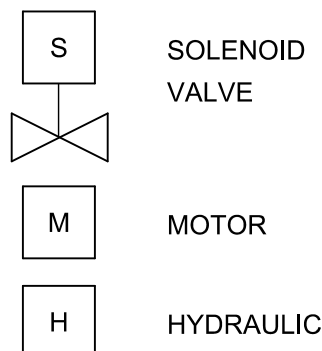
PUMPS & COMPRESSORS



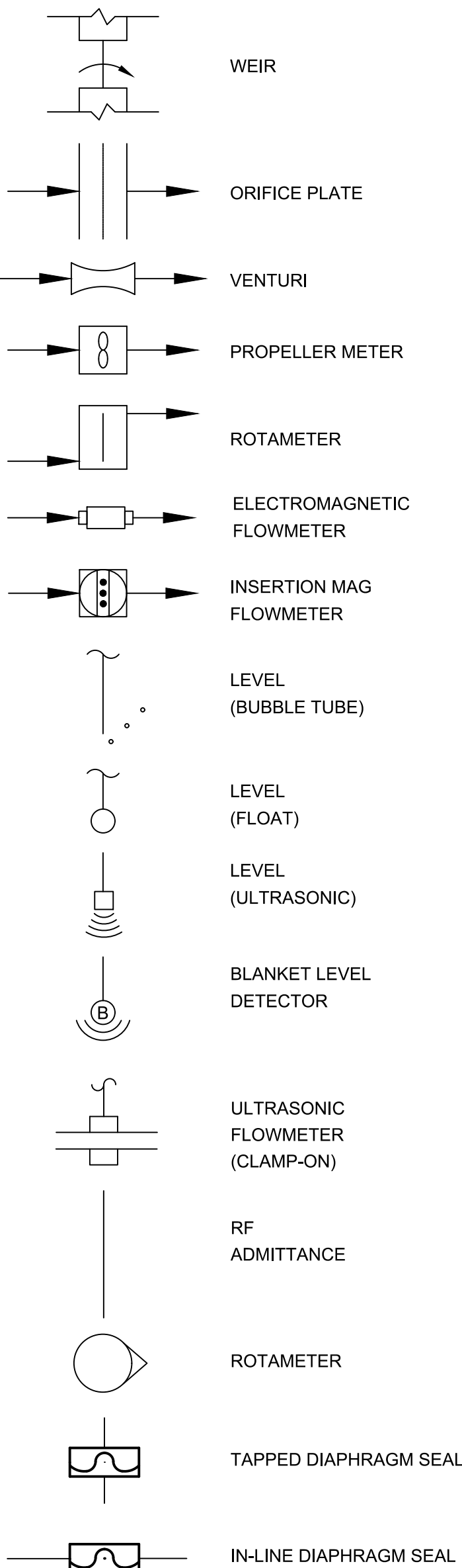
VALVES & GATES



ACTUATOR OR OPERATORS



PRIMARY ELEMENTS




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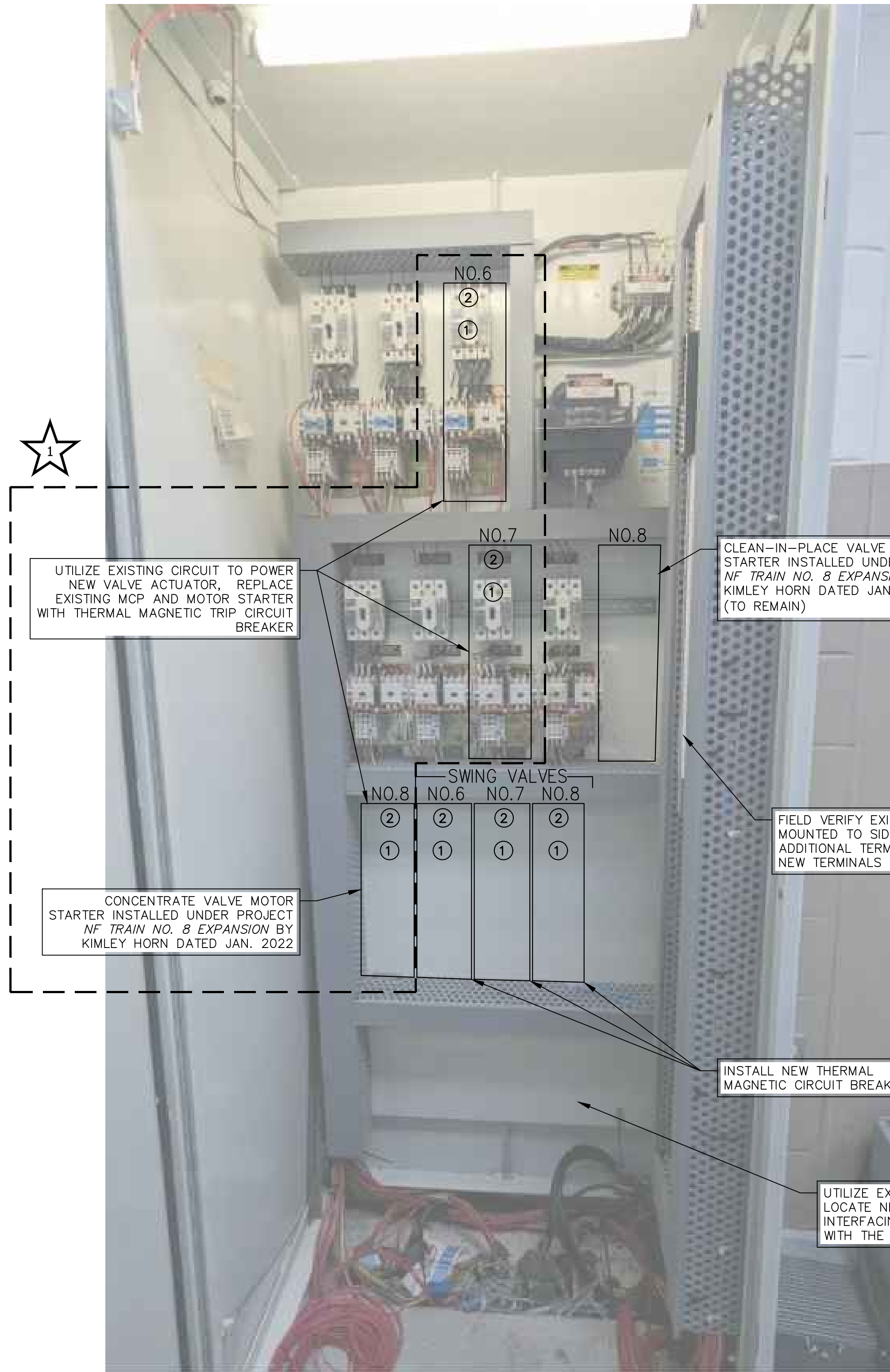
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Project: Bu-Bridge-Horn - Sheet: Schematic - Hillers Electrical Engineering, Inc. This document, together with the concepts and designs presented herein, is an instrument of service, and its use is limited to the specific purpose and client for which it was prepared. Release of any improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



EXISTING PANEL PCPMOVRO2
NOT TO SCALE

CONTROL PANEL NOTES

1. ALL MODIFICATIONS SHALL BE PERFORMED BY A UL508A APPROVED PANEL BUILDER AND MAINTAIN THE UL LISTING OF THE CONTROL PANEL.
2. CONTRACTOR SHALL TURN OVER MOTOR STARTERS, CIRCUIT BREAKERS AND OVERLOADS TO VILLAGE AFTER REMOVAL.
3. FIELD VERIFY COMPONENTS AND CIRCUITS PRIOR TO DEMOLITION.
4. SUBMIT AN AS-BUILT DRAWING FOR REVISED PCPMOVRO2 SCHEMATIC AND LAYOUT AT COMPLETION OF FUNCTIONAL TESTS.

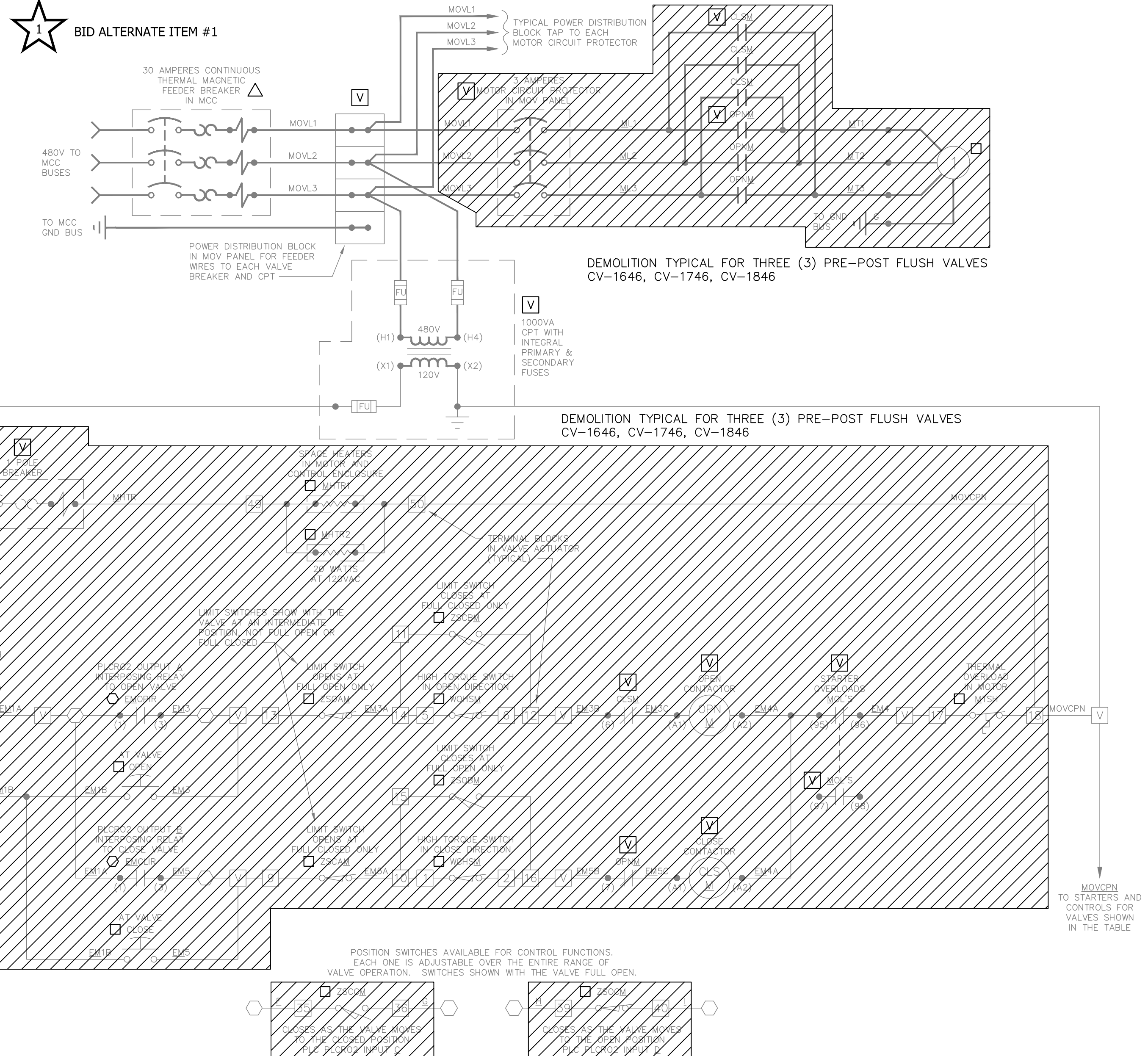
COMPONENT LEGEND

- 1 EATON/CUTLER-HAMMER G-SERIES 20 AMP CONTINUOUS, 3-POLE, 480VAC, 22KAIC RATED, G-FRAME THERMAL MAGNETIC CIRCUIT BREAKER WITH PERMANENTLY INSTALLED PADLOCKABLE HANDLE.
- 2 PERMANENTLY AFFIX NEW PHENOLIC TAG, BLACK BACKGROUND WITH WHITE TEXT TO MATCH EXISTING NAMEPLATES, FIELD VERIFY BEFORE ORDERING.

NO. X CONTROL BLOCK
VALVE NAME
CONTROL VALVE CV####

LEGEND:

- ITEMS LOCATED IN THE FIELD
- △ ITEMS LOCATED IN THE MOTOR CONTROL CENTERS
- ITEMS LOCATED IN THE MAIN PLC AND I/O CONTROL PANEL PLCR02
- ✓ ITEMS IN THE MOTOR OPERATED VALVE (MOV) POWER AND CONTROL PANEL IN THE MCC ROOM FOR ALL R.O. PLANT MOV'S



EXISTING PANEL PCPMOVRO2 SCHEMATIC
NOT TO SCALE

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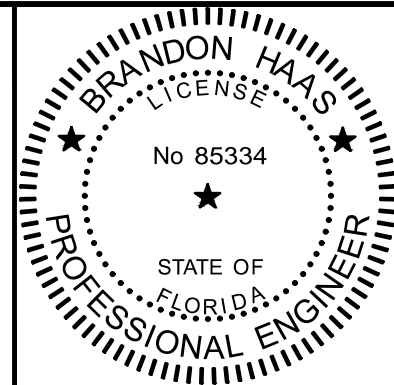
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EXISTING PCPMOVRO2
MODIFICATION

on the date adjacent
to the seal.

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HIGH PRESSURE PUMP NO. 9
IMPROVEMENTS
PREPARED FOR
VILLAGE OF WELLINGTON
FLORIDA

PALM BEACH COUNTY

Kimley»Horn

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KHA PROJECT
144957081
DATE
MAY 2025
SCALE AS SHOWN
DESIGNED BY BKH
DRAWN BY BKH
CHECKED BY MEL

No.	REVISIONS	DATE	BY
1	CONTRACT MODIFICATIONS	10/16/24	BKH

SECTION 3 – EXHIBIT R2 SCHEDULE OF VALUES

BASE BID



VOW WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements - BASED BID
GMP PROPOSAL
11/17/2025

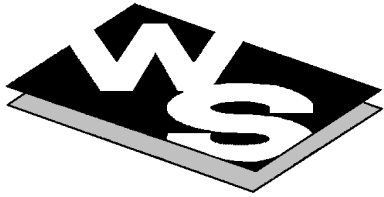
COST SUMMARY

Direct Costs	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Total Direct Costs	\$ -	\$ -	\$ -	\$ 754,649	\$ 754,649
Total GC's	\$ 463,887	\$ -	\$ 74,151	\$ 15,345	\$ 553,383
Fee				\$ 117,723	\$ 117,723
Total for Direct Costs	\$ 463,887	\$ -	\$ 74,151	\$ 887,717	\$ 1,425,755
Contingencies and Allowances	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Owner Controlled Contingency (6.0% of Direct Costs)				\$ 78,482	\$ 78,482
Dedicated Allowances (see next sheet)				\$ 175,000	\$ 175,000
Total for Contingencies and Allowances	\$ -	\$ -	\$ -	\$ 253,482	\$ 253,482
Bond and Insurance	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Bond				\$ 15,982	\$ 15,982
Insurance				\$ 8,996	\$ 8,996
Total for Bond and Insurance	\$ -	\$ -	\$ -	\$ 24,978	\$ 24,978
GMP TOTALS	\$ 463,887	\$ -	\$ 74,151	\$ 1,166,177	\$ 1,704,215



VOW WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements - BASED BID
GMP PROPOSAL
11/17/25

COST OF WORK								
DESCRIPTION	QTY	UOM	LABOR \$ AMOUNT	EQUIPMENT \$ AMOUNT	MATERIALS \$ AMOUNT	SUBS \$ AMOUNT	\$ TOTALS	COMMENTS
DIRECT COSTS							\$ 754,649	
MECHANICAL INSTALL SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 512,860	\$ 512,860	Wharton Smith
INSTRUMENTATION SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 77,889	\$ 77,889	CC Control Corp
ELECTRICAL SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 163,900	\$ 163,900	Loveland Electric
DEDICATED ALLOWANCES							\$ 175,000	
ALLOWANCE FOR COATINGS	1	LS	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000	
ALLOWANCE FOR INDEPENDENT TESTING	1	LS	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	
ALLOWANCE FOR FLOW METER INSTALLATION	1	LS	\$ -	\$ -	\$ -	\$ 130,000	\$ 130,000	
TOTAL DIRECT COST			\$ -	\$ -	\$ -	\$ 799,649	\$ 929,649	



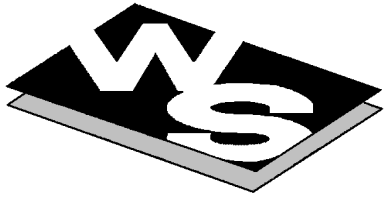
Wharton-Smith, Inc.
CONSTRUCTION GROUP

JOB NAME: VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements - BASE

ESTIMATE #:

1

GENERAL CONDITIONS	DURATION =		1600 DIRECT MANHOURS				40	MANWEEKS								
			5	MONTHS, PLANNED			2									
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR				EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS
					U/P	TOTAL MH	\$ AMOUNT		HR/UNIT	RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P	
PROJECT MANAGEMENT TEAM	W/ 7% TAX															
FIELD STAFF																
SUPERINTENDENT	22	WK	40	\$157.00	\$6,280	\$866	\$135,962			\$0		\$0	\$0		\$0	\$135,962
OFFICE STAFF																
PROJECT MANAGER	22	WK	40	\$157.00	\$6,280	\$866	\$135,962			\$0		\$0	\$0		\$0	\$135,962
PROJECT ENGINEER	22	WK	40	\$96.00	\$3,840	\$866	\$83,136			\$0		\$0	\$0		\$0	\$83,136
PROJECT ASSISTANT	22	WK	24	\$80.00	\$1,920	\$520	\$41,568			\$0		\$0	\$0		\$0	\$41,568
OTHER STAFF																
COST ACCOUNTANT	22	WK	16	\$124.00	\$1,984	\$346	\$42,954			\$0		\$0	\$0		\$0	\$42,954
SAFETY COORDINATOR	22	WK	4	\$140.00	\$560	\$87	\$12,124			\$0		\$0	\$0		\$0	\$12,124
RELATED MANAGEMENT COSTS																
SOFTWARE COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$3,932	\$3,932	\$3,932
TEMP.FACILITIES & UTILITIES																
WATER, MONTHLY	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$1,250	\$1,338		\$0	\$1,338
INTERNET/TELEPHONE, MONTHLY CHARGES – W-S	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$200	\$1,000	\$1,070		\$0	\$1,070
CELLULAR TELEPHONE, MONTHLY CHARGES	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$1,500	\$1,605		\$0	\$1,605
FIELD OFFICE, WHARTON SMITH INC	5	MO	5	\$50.00	\$250	\$25	\$1,250			\$0	\$8,000	\$40,000	\$42,800		\$0	\$44,050
JOB OFFICE SUPPLIES	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$750	\$3,750	\$4,013		\$0	\$4,013
COMPUTER EQUIPMENT FOR FIELD OFFICE – W-S	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,000	\$2,000	\$2,140		\$0	\$2,140
TOOL TRAILERS – 1 REQUIRED	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$1,250	\$1,338		\$0	\$1,338
TEMPORARY TOILETS – 1 REQUIRED	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$750	\$803		\$0	\$803
TEMPORARY SEWAGE HOLDING TANKS – ENGINEER & W-S	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$1,500	\$1,605		\$0	\$1,605
CONSTRUCTION EQUIPMENT & TOOLS																
SMALL TOOLS AND SUPPLIES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$4,800	\$4,800	\$5,136		\$0	\$5,136
SAFETY & HEALTH & HOUSEKEEPING																
SAFETY DEVICES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$3,000	\$3,000	\$3,210		\$0	\$3,210
CLEAN-UP AT END OF PROJECT	1	LS	80	\$50.00	\$4,000	\$80	\$4,000			\$0		\$0	\$0		\$0	\$4,000
CLEAN-UP THROUGHOUT DURATION OF PROJECT	22	WK	4	\$50.00	\$200	\$87	\$4,330			\$0		\$0	\$0		\$0	\$4,330
DUMPSTERS	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$1,250	\$6,250	\$6,688		\$0	\$6,688
JANITORIAL	22	WK		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$280	\$6,062	\$6,062
TOTAL GENERAL CONDITIONS					\$3,742		\$461,287			\$0		\$71,744		\$9,994		\$543,023
GENERAL REQUIREMENTS																
PERMITS, FEES, INSURANCE, LEGAL, ETC.																
BUILDER'S RISK INSURANCE-COASTAL COUNTY	5	MO		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$250	\$2,850	\$2,850
PROJECT DOCUMENTATION AND SERVICES																
PHOTOGRAPHS	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$750	\$803		\$0	\$803
PRE-CONSTRUCTION AUDIO-VIDEO DOCUMENTATION	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$2,500	\$2,500	\$2,500



Wharton-Smith, Inc.
CONSTRUCTION GROUP

		JOB NAME:	VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements - BASE					
		ESTIMATE #:	1					

DESIGN SERVICES (CADD) - AS-BUILTS	1	LS	40	\$65.00	\$2,600	\$40	\$2,600			\$0		\$0	\$0		\$0	\$2,600
PLANS & SPECIFICATIONS REPRODUCTION COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$1,500	\$1,500	\$1,605		\$0	\$1,605
TOTAL GENERAL REQUIREMENTS						\$40	\$2,600			\$0			\$2,408		\$5,351	\$10,358

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:
Project Name:
Owner:
Bid Date:

Master Plant Contractor

VOW WTP M2 High Pressure Pump 9 Improvements
Village of Wellington
Tuesday, October 28, 2025

Scope Item Description	Wharton-Smith		Lawrence Lee		Florida Design Drilling		N/A	
	Greg Williams		Geoff Schmidt		Jeff Holst			
	561-748-5956		561-578-7715		561-818-3228			
Base Bid Before Alternates	\$	512,860.00	NO BID		NO BID			
Base Bid - HPP 9 Install, HPP 6, 7, 8 Mods.	\$	512,860.00						
Alternates								
Bid Alternate - Concentrate Pipe Mods.	\$	149,703.00						
Bid Document Requirements								
Bid Form		N/A						
Clarifications / Exceptions		N/A						
Acknowledged Addenda		N/A						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		See Schedule						
Material Delivery		See Schedule						
SUBTOTAL:	\$	512,860.00	\$	-	\$	-	\$	-
Bond:	0.00%		0.00%		0.00%	Excluded	0.00%	
Adjustment		None				None		
Total Adjusted Scope:	\$	512,860.00	\$	-	\$	-	\$	-
	\$	512,860.00	\$	-	\$	-		

Recommend award to Wharton-Smith as the lowest responsive bidder.

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:

Electrical

Project Name:

VOW WTP M2 High Pressure Pump 9 Improvements

Owner:

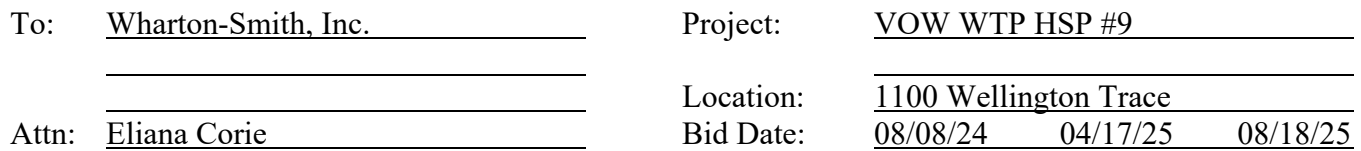
Village of Wellington

Bid Date:

Friday, August 29, 2025

Scope Item Description	Loveland Electric II		N/A		N/A		N/A	
	Robert J. Loveland							
	561-882-0401							
Base Bid Before Alternates		\$ 163,900.00						
Base Bid		\$ 161,000.00						
Payment & Performance Bond		\$ 2,800.00						
Indemnification		\$ 100.00						
Alternates								
Bid Alternate		\$ 16,000.00						
Payment & Performance Bond		\$ -						
Indemnification		\$ -						
Bid Document Requirements								
Bid Form		Complete						
Clarifications / Exceptions		Noted in Proposal						
Acknowledged Addenda		Yes						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		8 weeks						
Material Delivery		30 weeks						
SUBTOTAL:		\$ 163,900.00		\$ -		\$ -		\$ -
Bond:	0.00%	Included	0.00%		0.00%	\$ -	0.00%	
Adjustment		None						
Total Adjusted Scope:		\$ 163,900.00		\$ -		\$ -		\$ -
		\$ 163,900.00		\$ -		\$ -		\$ -

Recommend award to Loveland Electric as the lowest responsive bidder.



Electrical wiring in accordance with the following:

- I. Attachment A – Scope of Work
Attachment B – Scope Clarifications
- II. Plans: E-1 thru E-7 Kimley Horn Dated March 2024
- III. Specifications: Division 16000
- IV. Addenda: 1
- V. Duration: Proposal is based on 270 calendar day final completion.
- VI. We propose to complete all work to furnish the required material, labor and supervision in accordance with National Electric Code for work indicated on the bid documents only. No provisions have been included in this proposal for design errors or omissions.
- VII. Subcontract Agreement: AIA Document A101 or other mutually agreed upon document. Other documents may require further negotiations of terms and conditions.
- VIII. Insurance: Based on Loveland Electric, Inc. standard certificate of insurance and coverage. Copy of certificate is available upon request.
- IX. Market Conditions: This proposal is valid for one hundred eighty (180) days from this date. After this time we reserve the right to review our proposal and modify, if necessary, based on changing market conditions.**

Proposal
VOW WTP HSP #9
Pg 2

The price for the work described above including attachments will be as follows:

Base Bid:	\$161,000.00
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Alt-1 Base Bid (Not included in base bid):	\$ 16,000.00
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Bond premium not included in base bid:	\$ 2,800.00
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Thank you for the opportunity to submit this proposal. Should you require any additional information or clarifications, please do not hesitate to contact our office.

LOVELAND ELECTRIC II, LLC

Tim McMullen
Chief Estimator



1344 S. Killian Dr. Lake Park, FL 33403
561-882-0401 Fax 561-882-0555

Scope of Work - Attachment A

Project Name: VOW WTP HSP #9

Bid Date: 8/8/2024

Notwithstanding other provisions of the Bid Documents, this proposal is based upon:

No.	Description	Incl	Excl	NA	Comments
1	Davis Bacon Wage Rates		x		
2	Blueprinting & reproduction costs	x			
3	Temporary power for construction		x		
4	Utility installation fees, costs or deposits		x		
5	Electrical permit fees		x		
6	Inspections, approval and tests	x			
7	Submittals and shop drawings	x			
8	Record As-Built drawings	x			
9	Tools, equipment and transportation	x			
10	Material and personnel hoisting	x			
11	Garbage and debris removal	x			To on-site dumpster FBO
12	Hazardous waste disposal		x		
13	Electrical demolition	x			
14	Cutting and patching		x		
15	Excavation and backfill			x	Excludes soil testing
16	Import or export of fill dirt			x	Excludes soil testing
17	De-watering			x	
18	Cutting and patching of roads, drives, etc.			x	
19	Traffic control			x	
20	Concrete encasement			x	Excludes concrete lab testing
21	Housekeeping and equipment pads		x		
22	Concrete pole bases			x	
23	Plywood backboards			x	
24	Painting		x		Equipment touch up only
25	Roof penetrations and pitch pans			x	
26	Access panels			x	
No.	Description	Incl	Excl	NA	Comments

27	Special appliances			X	
28	Motor starters		X		
29	Motor disconnects		X		
30	HVAC control raceways		X		
31	Energy Management System		X		
32	Flow & tamper switches (by FP Contractor)		X		
33	Power connections to FBO equipment	X			
34	Field layout and trade coordination	X			
35	Electrical sleeves & fireproofing	X			
36	Electric Door Strikes and Installation		X		
37	FPL primary service		X		
38	Secondary service entrance		X		
39	Telephone service entrance raceway			X	
40	CATV service entrance raceway			X	
41	Site lighting and fixtures			X	
42	Lighting system and fixtures			X	
43	Power distribution system	X			
44	Emergency Generator Set			X	
45	Generator primary fuel tank			X	
46	Generator fuel			X	
47	Generator fuel piping			X	
48	Gen exhaust piping, intake/discharge duct, insulation			X	
49	Generator muffler and wall thimble				
50	Uninterrupted Power Supply system			X	
51	Transient Voltage Surge Suppression		X		
52	Generator control wiring			X	
53	Generator Charger Connection			X	
54	Generator Block Heater			X	
55	Generator ATS			X	
56	Contingency Fees or allowances		X		
57	Signage and neon lighting			X	
58	Irrigation system controls and controls wiring			X	
59	Valance trim and lenses at restrooms			X	
60	Bond premium		X		
61	Survey of all light poles, manholes, pullboxes, etc.		X		

62 Special Systems:

Division	System	Incl	Excl	NA	Notes	Comments
	Lightning Protection			X		
	Fire Alarm			X		
	Telephone			X		
	Data / Premise Wiring			X		
	CATV/MATV			X		
	CCTV			X		
	Security / Intrusion			X		
	Building Automation System			X		
	PA / Sound / Background Music			X		

*Special Systems Notes:

- A** This system is complete and operational.
- B** This system includes conduit and boxes only. Wiring and devices are by others.

- 63 Loveland Electric II, LLC guarantees its work to be free from defects for one year from beneficial occupancy by the owner, or final completion, whichever comes first. Repairs to defective workmanship and/or materials within this period will be made at no cost to the owner. This warranty excludes lamps, items furnished by others, unauthorized service or negligent care.
- 64 Loveland Electric II, LLC will require the following to be provided to us at no cost:
- A. Adequate on-site employee parking and an area for our storage and office trailer(s).
 - B. On-site dumpster and dumping services.
 - C. Sanitary toilet facilities.
 - D. Potable water.
 - E. Complete CADD files.
- 65 Loveland Electric II, LLC agrees to furnish a sufficient number of qualified workers to perform the work in sequence with a mutually agreed upon construction schedule. We rely on the work of other trades to be completed in a timely manner, prior to our work.
- 66 All work will be performed during normal working hours. We have no provision included for overtime, multiple shifts, weekend or holiday work in order to make up time in the construction schedule lost by other trades, permitting inclement weather or other lost time not attributable to the work of Loveland Electric II, LLC
- 67 Transportation and storage of owner furnished equipment is excluded.



Scope Clarifications – Attachment B

Project Name: VOW WTP HSP #9
Bid Date: 08/08/24

Specifications

1. Specification Section 16010 - Basic Electrical Requirements: Included
2. Specification Section 16050 - Basic Electrical Materials: Included
3. Specification Section 16110 - Raceways: Included
4. Specification Section 16120 - Conductors: Included
5. Specification Section 16450 - Grounding: Included
6. Specification Section 16480 - Low Voltage Motor Control: **Excluded**
7. Specification Section 16485 - Variable Frequency Drives: **Excluded**
8. Specification Section 16950 - Electrical Testing: Included
9. Specification Section 17301 - Instrumentation and Control: Includes conduit, wire and wire terminations to all instrumentation and control devices shown on drawings and specified.
All instrumentation and control devices, junction boxes, surge suppressors and control panels will be furnished by I & C Subcontractor.
All process pipe mounted devices to be installed by others.
All other instrumentation and control devices, junction boxes, surge suppressors and control panels with be installed under this scope.

Inclusions

1. Performance and Payment Bond premium.
2. Trash and debris removal to Contractor provided dumpsters.
3. Applicable taxes.

Exclusions

1. Permit fees
2. Exhaust fans and associated control panels.
3. FPL primary conduit.
4. Utility installation fees, deposits or temporary power consumption costs.
5. Dewatering
6. Repairing and/or replacing asphalt and sub-base.
7. Repairing and/or replacing concrete floors and sidewalks.
8. Replacing sod or other landscape material.
9. Traffic and safety bollards.
10. Concrete and housekeeping pads.
11. Concrete lab testing.

12. Soil testing.
13. Transportation, off-loading, storage and setting in place equipment not furnished under this scope.
14. Prevailing Wage Rates/Responsible Wages and Benefits.
15. Furnishing, terminating, and testing fiber optic cable.

Clarifications

1. Demolition will consist of making all circuits safe.
2. Demolition of electrical equipment and wire will consist of complete removal from site.
3. The failure of other trades to maintain the project schedule will not adversely affect the durations allowed in the original schedule for the electrical portion of the work.
4. All work will be performed during normal working hours. We have no provision included for overtime, multiple shifts, weekend or holiday work in order to make up time in the construction schedule lost by other trades, permitting, inclement weather or other lost time not attributable to the work of Loveland Electric II, LLC.
5. Proposal assumes the electrical drawings to be complete and no further redesign and installation of additional systems, equipment, conduit or wire, not specifically shown on drawings or otherwise noted in proposal, will be necessary to make a complete and working electrical system.

General Conditions

1. Loveland Electric II, LLC guarantees its work to be free from defects for one year from beneficial occupancy by the owner, or final completion, whichever comes first. Repairs to defective workmanship and/or materials within this period will be made at no cost to the owner. This warranty excludes lamps, items furnished by other, unauthorized service or negligent care.
2. Loveland Electric II, LLC agrees to furnish a sufficient number of qualified workers to perform the work in sequence with a mutually agreed upon construction schedule. We rely on the work of other trades to be completed in a timely manner, prior to our work.
3. Loveland Electric II, LLC will require the following to be provided at no cost:
 - adequate on-site employee parking and an area for our storage and office trailers;
 - on-site dumpster and dumping services;
 - sanitary toilet facilities;
 - potable water;
 - complete CADD files.
4. Loveland Electric II, LLC shall not be held liable for errors or omissions in the designs of others, nor inadequacies of materials and equipment specified or supplied by others.

5. Equipment and materials supplied by Loveland Electric II, LLC are warranted only to the extent that the same are warranted by the manufacturer.
6. Loveland Electric II, LLC shall not be liable for indirect loss or damage.
7. Unless included in this proposal, all bonding and/or special insurance requirements are supplied at additional cost.
8. If a formal contract is required, its' conditions must not deviate from this proposal without our prior approval.
9. Anything (verbal or written) expressed or implied elsewhere, which is contrary to these conditions shall be null and void.

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:

Project Name:

Owner:

Bid Date:

Instrumentation & Controls

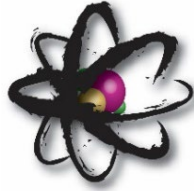
VOW WTP M2 High Pressure Pump 9 Improvements

Village of Wellington

Friday, August 29, 2025

Scope Item Description	CC Control Corporation		N/A		N/A		N/A	
	Juan Reyes							
	561-293-3975							
Base Bid Before Alternates	\$	77,889.00	\$	-				
Base Bid	\$	77,789.00						
Payment & Performance Bond	\$	-						
Indemnification	\$	100.00						
Alternates								
Bid Alternate	\$	45,689.00						
Payment & Performance Bond	\$	-						
Indemnification	\$	-						
Bid Document Requirements								
Bid Form		Complete						
Clarifications / Exceptions		Noted in Proposal						
Acknowledged Addenda		No						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		6 weeks						
Material Delivery		12 weeks						
SUBTOTAL:	\$	77,889	\$	-	\$	-	\$	-
Bond:	0.00%	Not Included	0.00%		0.00%	\$	-	0.00%
Adjustment		None						
Total Adjusted Scope:	\$	77,889.00	\$	-	\$	-	\$	-
	\$	77,889.00	\$	-	\$	-		

Recommend award to CC Control Corp. as the lowest responsive bidder.



C. C. CONTROL CORP.

5760 CORPORATE WAY, SUITE 100
WEST PALM BEACH, FLORIDA 33407

PHONE: 561 293-3975

FAX: 561 293-3976

CUSTOMER: WHARTON-SMITH INC.

ATTN: ELIANA CORIE
ecorie@whartonsmith.com

PROJECT: WTP M2 HIGH PRESSURE PUMP #9 IMPROVEMENTS
VILLAGE OF WELLINGTON

DATE: 8/20/2025

VALID FROM: 8/20/2025

VALID TO: 10/19/2025

DESCRIPTION

QTY AMOUNT

C. C. CONTROL CORP. PROPOSES TO FURNISH THE FOLLOWING COMPLETE WITH EXCEPTIONS AS LISTED:

EXCEPTIONS:

- A) QUOTE DOES NOT INCLUDE ANY DEMOLITION OR INSTALLATION.
- B) QUOTE DOES NOT INCLUDE ANY CONDUITS OR CONDUIT SEAL-OFF'S.
- C) QUOTE DOES NOT INCLUDE ANY WIRE/CABLE, EXCEPT AS NOTED BELOW.
- D) QUOTE DOES NOT INCLUDE ANY FIELD TERMINATIONS.
- E) QUOTE DOES NOT INCLUDE ANY PANEL MOUNTING HARDWARE
- F) QUOTE DOES NOT INCLUDE ANY DISCONNECTS OR PULL BOXES.
- G) QUOTE DOES NOT INCLUDE ANY IMPULSE PIPING OR PROCESS TAPS.
- H) QUOTE DOES NOT INCLUDE ANY VALVES OR VALVE ACTUATOR ACTUATOR.
- I) QUOTE DOES NOT INCLUDE HPP-9 VARIABLE FREQUENCY DRIVE.

***** **BASE BID** *****

ITEM NO.1

VALVE CONTROL PANEL PCPMOVRO2 MODIFICATIONS (CV-1*34 SWING PUMP VALVES)

EATON / CUTLER HAMMER AN56BN0AC NEMA SIZE 0 3-PHASE REVERSING STARTER	3
EATON / CUTLER HAMMER H2005B-3 CLASS 20 HEATER PACKS, 1.2-1.96A, 3/CARTON	3
EATON / CUTLER HAMMER GMCP003AOC 3A 3-POLE G-FRAME BREAKER	3
EATON / CUTLER HAMMER 1294C01H01 BREAKER LOCK DOG	3
ALLEN-BRADLEY 1492-GH005 1P 120V 0.5A CIRCUIT BREAKER	3
ALLEN-BRADLEY 1492-GH050 1P 120V 5A CIRCUIT BREAKER	3
WIRES, TERMINALS, NAMEPLATES	LOT

ITEM NO.2

HS2-1634, HS2-1734, HS2-1834 SWING PUMP VALVES OPERATOR STATION (3-REQ'D)

SQUARE-D 9001SKY3 3-HOLE POLYMERIC CONTROL STATION	3
SQD 9001SKS43B 3 POSITION SELECTOR SWITCH	3

SQD 9001SKR1U 30MM MOMENTARY PUSH BUTTON OPERATOR	6
SQD 9001KA1 30MM CONTACT BLOCK, 10A, (1)NO / (1)NC, SCREW CLAMP TERMINAL LABELS	12
	LOT
ITEM NO.3	
HIGH PRESSURE PUMP NO.9 OPERATOR PUSH BUTTON STATION	
SQUARE-D 9001SKY111 1-HOLE POLYMERIC CONTROL STATION WITH HOA SELECTOR	1
ITEM NO.4	
HPP-9 PUMP INLET PRESSURE GAUGE ASSEMBLY	
ASHCROFT 45-1279AS-04L-XNHPD-100# DURAGAUGE PLUS 4.5" DIAL PROCESS GAUGE	1
A) RANGE: 0 TO 100 PSI	
B) 316L STAINLESS STEEL BOURDON TUBE AND SOCKET	
C) 1/2 IN MNPT LOWER STEM CONNECTION	
D) SEAL: BUNA-N	
E) ACRYLIC WINDOW, SILICONE FILL	
F) TAGS: PI-1940	
ASHCROFT 02-1112SD-25 PRESSURE SNUBBER, 303 SST. BODY	INCL
ASHCROFT 50-201SS-02T-XCKPUSE SERIES THREADED DIAPHRAGM SEAL	INCL
A) 1/2" NPT FEMALE PROCESS CONNECTION	
B) 1/2" NPT FEMALE INSTRUMENT CONNECTION	
C) 316L STAINLESS STEEL HOUSING	
D) 316L STAINLESS STEEL DIAPHRAGM MATERIAL	
E) 1/4" FLUSHING PORT IN LOWER HOUSING	
JAMESBURY 1/4-33-3600TL 1/4" 316 S.S. BALL VALVE	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	1
1/4" x 2" 316 STAINLESS STEEL NIPPLE	2
1/4" STAINLESS STEEL ELBOW	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	2
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1
ITEM NO.5	
HPP-9 PUMP INLET PRESSURE TRANSMITTER ASSEMBLY	
ROSEMOUNT 3051S PRESSURE TRANSMITTER	1
A) RANGE: -14 TO 2000 PSI	
B) OUTPUT: 4-20MADC WITH HART	
C) PROCESS CONN.: 316L TRADITIONAL FLANGE 1/4-18 NPT	
D) HOUSING: ALUMINUM WITH 1/2-14 NPT	
F) DISPLAY: PLANTWEB LCD	
H) ASSEMBLE TO ROSEMOUNT CONVENTIONAL 304 INTEGRAL MANIFOLD	
I) TAGS: PIT-1940	
ROSEMOUNT 0304 IN-LINE MANIFOLD WITH THE FOLLOWING:	1
A) MANIFOLD STYLE: THREADED	
B) MANIFOLD TYPE: 2-VALVE	
C) BODY BONNET STEM TIP: SST SST SST 316 SST	
D) PROCESS CONN. 1/2-14 FNPT	
E) PACKING MATERIAL: PTFE	
F) VALVE SEAT: INTEGRAL	
SQD SSP030SSE10HC 4/20MA PIPE STYLE SURGE ARRESTER	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	2
1/2" STAINLESS STEEL TEE	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	3
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1
2" X 60" ALUMINUM PIPE STANCHION W/ 10" X 10" X 1/2" ALUMINUM BASE	1
MISC. BRACKET HARDWARE	LOT

ITEM NO.6

HPP-9 PUMP OUTLET PRESSURE GAUGE ASSEMBLY

ASHCROFT 1279 DURAGAUGE PLUS 4.5" DIAL PROCESS GAUGE 1

A) RANGE: 0 TO 200 PSI

B) 316L STAINLESS STEEL BOURDON TUBE AND SOCKET

C) 1/2 IN MNPT LOWER STEM CONNECTION

D) SEAL: BUNA-N

E) ACRYLIC WINDOW, SILICONE FILL

F) TAGS: **PI-1942**

ASHCROFT 02-1112SD-25 PRESSURE SNUBBER, 303 SST. BODY INCL

ASHCROFT 50-201SS-02T-XCKPUSE SERIES THREADED DIAPHRAGM SEAL INCL

A) 1/2" NPT FEMALE PROCESS CONNECTION

B) 1/2" NPT FEMALE INSTRUMENT CONNECTION

C) 316L STAINLESS STEEL HOUSING

D) 316L STAINLESS STEEL DIAPHRAGM MATERIAL

E) 1/4" FLUSHING PORT IN LOWER HOUSING

JAMESBURY 1/4-33-3600TL 1/4" 316 S.S. BALL VALVE 1

JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE 1

1/4" x 2" 316 STAINLESS STEEL NIPPLE 2

1/4" STAINLESS STEEL ELBOW 1

1/2" x 2" 316 STAINLESS STEEL NIPPLE 2

1/2" x 4" 316 STAINLESS STEEL NIPPLE 1

ITEM NO.7

HPP-9 PUMP OUTLET PRESSURE TRANSMITTER ASSEMBLY

ROSEMOUNT 3051S PRESSURE TRANSMITTER 1

A) RANGE: -14 TO 2000 PSI

B) OUTPUT: 4-20MADC WITH HART

C) PROCESS CONN.: 316L TRADITIONAL FLANGE 1/4-18 NPT

D) HOUSING: ALUMINUM WITH 1/2-14 NPT

F) DISPLAY: PLANTWEB LCD

H) ASSEMBLE TO ROSEMOUNT CONVENTIONAL 304 INTEGRAL MANIFOLD

I) TAGS: **PIT-1942**

ROSEMOUNT 0304 IN-LINE MANIFOLD WITH THE FOLLOWING: 1

A) MANIFOLD STYLE: THREADED

B) MANIFOLD TYPE: 2-VALVE

C) BODY | BONNET | STEM | TIP: SST | SST | SST | 316 SST

D) PROCESS CONN. 1/2-14 FNPT

E) PACKING MATERIAL: PTFE

F) VALVE SEAT: INTEGRAL

SQD SSP030SSE10HC 4/20MA PIPE STYLE SURGE ARRESTER 1

JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE 2

1/2" STAINLESS STEEL TEE 1

1/2" x 2" 316 STAINLESS STEEL NIPPLE 3

1/2" x 4" 316 STAINLESS STEEL NIPPLE 1

2" X 60" ALUMINUM PIPE STANCHION W/ 10" X 10" X 1/2" ALUMINUM BASE 1

MISC. BRACKET HARDWARE LOT

ITEM NO.8

PROJECT SERVICES

ENGINEERING LOT

SUBMITTALS LOT

PLC PROGRAMMING LOT

SCADA PROGRAMMING LOT

TESTING	LOT
START-UP	LOT
TRAINING	LOT
O & M MANUALS	LOT
WARRANTY, 1-YEAR	LOT

***** BID ALTERNATIVE #1 *****

ITEM NO.9

VALVE CONTROL PANEL PCPMOVRO2 MODIFICATIONS (CV-1*20 CONCENTRATE VALVES)

EATON / CUTLER HAMMER AN56BN0AC NEMA SIZE 0 3-PHASE REVERSING STARTER	3
EATON / CUTLER HAMMER H2005B-3 CLASS 20 HEATER PACKS, 1.2-1.96A, 3/CARTON	3
EATON / CUTLER HAMMER GMCP003AOC 3A 3-POLE G-FRAME BREAKER	3
EATON / CUTLER HAMMER 1294C01H01 BREAKER LOCK DOG	3
ALLEN-BRADLEY 1492-GH005 1P 120V 0.5A CIRCUIT BREAKER	3
ALLEN-BRADLEY 1492-GH050 1P 120V 5A CIRCUIT BREAKER	3
WIRES, TERMINALS, NAMEPLATES	LOT

ITEM NO.10

HS1-1620, HS1-1720, HS1-1820 CONCENTRATE VALVES OPERATOR STATION (3 REQ'D)

SQUARE-D 9001SKY3 3-HOLE POLYMERIC CONTROL STATION	3
SQD 9001SKS43B 3 POSITION SELECTOR SWITCH	3
SQD 9001SKR1U 30MM MOMENTARY PUSH BUTTON OPERATOR	6
SQD 9001KA1 30MM CONTACT BLOCK, 10A, (1)NO / (1)NC, SCREW CLAMP TERMINAL	12
LABELS	LOT

ITEM NO.11

MAIN CONTROL PANEL PLC-RO2 MODIFICATIONS

ALLEN-BRADLEY 1756-A7 CONTROLLOGIX 7-SLOT MOUNTING CHASSIS RACK	1
ALLEN-BRADLEY 1756-PA72 CONTROLLOGIX POWER SUPPLY, 85-256VAC, 75W	1
ALLEN-BRADLEY 1756-IB16 CONTROLLOGIX DIGITAL INPUT, 16-POINT, 24VDC	1
ALLEN-BRADLEY 1756-OB16I CONTROLLOGIX ISOLATED DIGITAL OUTPUT, 16-POINT, 12/24VDC	1
ALLEN BRADLEY 1756-TBCH TERMINAL BLOCK, 36-PIN CAGE CLAMP BLOCK	2
PHOENIX CONTACT 2838322 PT 4X1-24DC-ST PLUGTRAB PT SURGE PROTECTION PLUG	4
PHOENIX CONTACT 2839363 PT 4X1-BE PLUGTRAB PT SURGE PROTECTION BASE	4
FINDER 60.13.9.024.0070 60 SERIES RELAYS, 3PDT, 10A, 24VDC, LED	8
FINDER 90.27SMA DIN RAIL 11-PINS RELAY SOCKET, SCREW TERMINAL	8
WIRES, TERMINALS, LABELS	LOT

ITEM NO.12

ADDITIONAL PROJECT SERVICES

ENGINEERING	LOT
SUBMITTALS	LOT
PLC PROGRAMMING	LOT
TESTING	LOT
START-UP	LOT
O & M MANUALS	LOT
WARRANTY, 1-YEAR	LOT

SUMMARY

ITEMS NO.1 THRU NO.8	HIGH PRESSURE PUMP #9 ADDITION (BASE BID)	SELL
ITEMS NO.9 THRU 12	CONCENTRATE PIPING IMPROVEMENTS (BID ALTERNATIVE #1)	\$72,700.00
		\$42,700.00

TOTAL: **\$115,400.00 PLUS TAX**

SUBMITTAL: 6-8 WEEKS (AFTER RECEIPT OF PURCHASE ORDER)

DELIVERY: 18-20 WEEKS (AFTER APPROVED DRAWINGS)

FOB: JOB SITE

TERMS: NET 30 DAYS (SUBJECT TO CREDIT APPROVAL)

WARRANTY: ALL WARRANTIES SHALL EXPIRE ONE (1) YEAR FROM DATE OF START-UP FROM SELLER TO BUYER UNLESS SPECIALLY INDICATED OTHERWISE AND WILL BE NULL AND VOID UNLESS MATERIALS ARE STORED UNDER PROPER CONDITIONS DETERMINED BY C.C. CONTROL CORP.

JUAN REYES

jreyes@cccontrolcorp.com

ALTERNATE BID



VOW WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements - Bid Alt
GMP PROPOSAL
8/29/2025

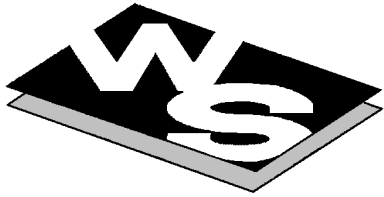
COST SUMMARY

Direct Costs	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Total Direct Costs	\$0	\$0	\$0	\$211,392	\$211,392
Total GC's	\$93,467	\$0	\$30,795	\$3,460	\$127,722
Fee				\$30,520	\$30,520
Total for Direct Costs	\$93,467	\$0	\$30,795	\$245,373	\$369,635
Contingencies and Allowances	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Owner Controlled Contingency (6.0% of Direct Costs)				\$20,347	\$20,347
Dedicated Allowances (see next sheet)				\$0	\$0
Total for Contingencies and Allowances	\$0	\$0	\$0	\$20,347	\$20,347
Bond and Insurance	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Bond				\$4,740	\$4,740
Insurance				\$2,034	\$2,034
Total for Bond and Insurance	\$0	\$0	\$0	\$6,774	\$6,774
GMP TOTALS	\$93,467	\$0	\$30,795	\$272,494	\$396,756



VOW WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements - Bid Alt
GMP PROPOSAL
8/29/25

			COST OF WORK				\$ TOTALS	COMMENTS
DESCRIPTION	QTY	UOM	LABOR \$ AMOUNT	EQUIPMENT \$ AMOUNT	MATERIALS \$ AMOUNT	SUBS \$ AMOUNT		
DIRECT COSTS							\$ 211,392	
MECHANICAL INSTALL SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 149,703	\$ 149,703	Wharton Smith
INSTRUMENTATION SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 45,689	\$ 45,689	CC Control Corp
ELECTRICAL SUBCONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 16,000	\$ 16,000	Loveland Electric
DEDICATED ALLOWANCES							\$ -	
N/A	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL DIRECT COST			\$ -	\$ -	\$ -	\$ 211,392	\$ 211,392	



Wharton-Smith, Inc.
CONSTRUCTION GROUP

JOB NAME: VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements – BASE

ESTIMATE #:

1

GENERAL CONDITIONS	DURATION =		960 DIRECT MANHOURS				24	MANWEEKS								
			2.0	MONTHS, PLANNED			1									
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR			HR/UNIT	EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS
					U/P	TOTAL MH	\$ AMOUNT		RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P	\$ AMOUNT	
PROJECT MANAGEMENT TEAM	W/ 7% TAX															
FIELD STAFF																
SUPERINTENDENT	9	WK	24	\$157.00	\$3,768	\$208	\$32,706			\$0		\$0	\$0		\$0	\$32,706
OFFICE STAFF																
PROJECT MANAGER	9	WK	16	\$157.00	\$2,512	\$139	\$21,804			\$0		\$0	\$0		\$0	\$21,804
PROJECT ENGINEER	9	WK	24	\$96.00	\$2,304	\$208	\$19,999			\$0		\$0	\$0		\$0	\$19,999
PROJECT ASSISTANT	9	WK	8	\$80.00	\$640	\$69	\$5,555			\$0		\$0	\$0		\$0	\$5,555
OTHER STAFF																
COST ACCOUNTANT	9	WK	4	\$124.00	\$496	\$35	\$4,305			\$0		\$0	\$0		\$0	\$4,305
SAFETY COORDINATOR	9	WK	4	\$140.00	\$560	\$35	\$4,861			\$0		\$0	\$0		\$0	\$4,861
RELATED MANAGEMENT COSTS																
SOFTWARE COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$880	\$880	\$880
TEMP.FACILITIES & UTILITIES																
WATER, MONTHLY	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$500	\$535		\$0	\$535
INTERNET/TELEPHONE, MONTHLY CHARGES - W-S	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$200	\$400	\$428		\$0	\$428
CELLULAR TELEPHONE, MONTHLY CHARGES	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$600	\$642		\$0	\$642
FIELD OFFICE, WHARTON SMITH INC	2	MO	5	\$50.00	\$250	\$10	\$500			\$0	\$8,000	\$16,000	\$17,120		\$0	\$17,620
JOB OFFICE SUPPLIES	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$750	\$1,500	\$1,605		\$0	\$1,605
COMPUTER EQUIPMENT FOR FIELD OFFICE - W-S	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,000	\$2,000	\$2,140		\$0	\$2,140
TOOL TRAILERS - 1 REQUIRED	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$500	\$535		\$0	\$535
TEMPORARY TOILETS - 1 REQUIRED	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$300	\$321		\$0	\$321
TEMPORARY SEWAGE HOLDING TANKS - ENGINEER & W-S	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$600	\$642		\$0	\$642
CONSTRUCTION EQUIPMENT & TOOLS																
SMALL TOOLS AND SUPPLIES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,880	\$2,880	\$3,082		\$0	\$3,082
SAFETY & HEALTH & HOUSEKEEPING																
SAFETY DEVICES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$1,000	\$1,000	\$1,070		\$0	\$1,070
CLEAN-UP AT END OF PROJECT	1	LS	40	\$50.00	\$2,000	\$40	\$2,000			\$0		\$0	\$0		\$0	\$2,000
CLEAN-UP THROUGHOUT DURATION OF PROJECT	9	WK	4	\$50.00	\$200	\$35	\$1,736			\$0		\$0	\$0		\$0	\$1,736
DUMPSTERS	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$1,250	\$2,500	\$2,675		\$0	\$2,675
JANITORIAL	9	WK		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$280	\$2,430	\$2,430
TOTAL GENERAL CONDITIONS						\$779	\$93,467				\$0	\$30,795			\$3,310	\$127,571
GENERAL REQUIREMENTS																
PERMITS, FEES, INSURANCE, LEGAL, ETC.																
BUILDER'S RISK INSURANCE-COASTAL COUNTY	2	MO		\$50.00	\$0.00	0.00	0.00			\$0		\$0	\$0	\$75	\$150	\$150
TOTAL GENERAL REQUIREMENTS						0.00	0.00				\$0	\$0			\$150	\$150

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:
Project Name:
Owner:
Bid Date:

Master Plant Contractor

VOW WTP M2 High Pressure Pump 9 Improvements
Village of Wellington
Tuesday, October 28, 2025

Scope Item Description	Wharton-Smith		Lawrence Lee		Florida Design Drilling		N/A	
	Greg Williams		Geoff Schmidt		Jeff Holst			
	561-748-5956		561-578-7715		561-818-3228			
Base Bid Before Alternates	\$	512,860.00	NO BID		NO BID			
Base Bid - HPP 9 Install, HPP 6, 7, 8 Mods.	\$	512,860.00						
Alternates								
Bid Alternate - Concentrate Pipe Mods.	\$	149,703.00						
Bid Document Requirements								
Bid Form		N/A						
Clarifications / Exceptions		N/A						
Acknowledged Addenda		N/A						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		See Schedule						
Material Delivery		See Schedule						
SUBTOTAL:	\$	512,860.00	\$ -		\$ -		\$ -	
Bond:	0.00%		0.00%		0.00%	Excluded	0.00%	
Adjustment		None				None		
Total Adjusted Scope:	\$	512,860.00	\$ -		\$ -		\$ -	
	\$	512,860.00	\$ -		\$ -			

Recommend award to Wharton-Smith as the lowest responsive bidder.

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:

Electrical

Project Name:

VOW WTP M2 High Pressure Pump 9 Improvements

Owner:

Village of Wellington

Bid Date:

Friday, August 29, 2025

Scope Item Description	Loveland Electric II		N/A		N/A		N/A	
	Robert J. Loveland							
	561-882-0401							
Base Bid Before Alternates		\$ 163,900.00						
Base Bid		\$ 161,000.00						
Payment & Performance Bond		\$ 2,800.00						
Indemnification		\$ 100.00						
Alternates								
Bid Alternate		\$ 16,000.00						
Payment & Performance Bond		\$ -						
Indemnification		\$ -						
Bid Document Requirements								
Bid Form		Complete						
Clarifications / Exceptions		Noted in Proposal						
Acknowledged Addenda		Yes						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		8 weeks						
Material Delivery		30 weeks						
SUBTOTAL:		\$ 163,900.00		\$ -		\$ -		\$ -
Bond:	0.00%	Included	0.00%		0.00%	\$ -	0.00%	
Adjustment		None						
Total Adjusted Scope:		\$ 163,900.00		\$ -		\$ -		\$ -
		\$ 163,900.00		\$ -		\$ -		\$ -

Recommend award to Loveland Electric as the lowest responsive bidder.

Proposal
VOW WTP HSP #9
Pg 2

The price for the work described above including attachments will be as follows:

Base Bid: **\$161,000.00**

Alt-1 Base Bid (Not included in base bid): **\$ 16,000.00**

Bond premium not included in base bid: **\$ 2,800.00**

Thank you for the opportunity to submit this proposal. Should you require any additional information or clarifications, please do not hesitate to contact our office.

LOVELAND ELECTRIC II, LLC

Tim McMullen
Chief Estimator

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:

Project Name:

Owner:

Bid Date:

Instrumentation & Controls

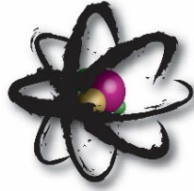
VOW WTP M2 High Pressure Pump 9 Improvements

Village of Wellington

Friday, August 29, 2025

Scope Item Description	CC Control Corporation		N/A		N/A		N/A	
	Juan Reyes							
	561-293-3975							
Base Bid Before Alternates	\$	77,889.00	\$	-				
Base Bid	\$	77,789.00						
Payment & Performance Bond	\$	-						
Indemnification	\$	100.00						
Alternates								
Bid Alternate	\$	45,689.00						
Payment & Performance Bond	\$	-						
Indemnification	\$	-						
Bid Document Requirements								
Bid Form		Complete						
Clarifications / Exceptions		Noted in Proposal						
Acknowledged Addenda		No						
Additional Notes								
Payment & Performance Bond Rate		N/A						
Submittal Package Lead Time		6 weeks						
Material Delivery		12 weeks						
SUBTOTAL:	\$	77,889	\$	-	\$	-	\$	-
Bond:	0.00%	Not Included	0.00%		0.00%	\$	-	0.00%
Adjustment		None						
Total Adjusted Scope:	\$	77,889.00	\$	-	\$	-	\$	-
	\$	77,889.00	\$	-	\$	-		

Recommend award to CC Control Corp. as the lowest responsive bidder.



C. C. CONTROL CORP.

5760 CORPORATE WAY, SUITE 100
WEST PALM BEACH, FLORIDA 33407

PHONE: 561 293-3975

FAX: 561 293-3976

CUSTOMER: WHARTON-SMITH INC.

ATTN: ELIANA CORIE
ecorie@whartonsmith.com

PROJECT: WTP M2 HIGH PRESSURE PUMP #9 IMPROVEMENTS
VILLAGE OF WELLINGTON

DATE: 8/20/2025

VALID FROM: 8/20/2025

VALID TO: 10/19/2025

DESCRIPTION

QTY AMOUNT

C. C. CONTROL CORP. PROPOSES TO FURNISH THE FOLLOWING COMPLETE WITH EXCEPTIONS AS LISTED:

EXCEPTIONS:

- A) QUOTE DOES NOT INCLUDE ANY DEMOLITION OR INSTALLATION.
- B) QUOTE DOES NOT INCLUDE ANY CONDUITS OR CONDUIT SEAL-OFF'S.
- C) QUOTE DOES NOT INCLUDE ANY WIRE/CABLE, EXCEPT AS NOTED BELOW.
- D) QUOTE DOES NOT INCLUDE ANY FIELD TERMINATIONS.
- E) QUOTE DOES NOT INCLUDE ANY PANEL MOUNTING HARDWARE
- F) QUOTE DOES NOT INCLUDE ANY DISCONNECTS OR PULL BOXES.
- G) QUOTE DOES NOT INCLUDE ANY IMPULSE PIPING OR PROCESS TAPS.
- H) QUOTE DOES NOT INCLUDE ANY VALVES OR VALVE ACTUATOR ACTUATOR.
- I) QUOTE DOES NOT INCLUDE HPP-9 VARIABLE FREQUENCY DRIVE.

***** **BASE BID** *****

ITEM NO.1

VALVE CONTROL PANEL PCPMOVRO2 MODIFICATIONS (CV-1*34 SWING PUMP VALVES)

EATON / CUTLER HAMMER AN56BN0AC NEMA SIZE 0 3-PHASE REVERSING STARTER	3
EATON / CUTLER HAMMER H2005B-3 CLASS 20 HEATER PACKS, 1.2-1.96A, 3/CARTON	3
EATON / CUTLER HAMMER GMCP003AOC 3A 3-POLE G-FRAME BREAKER	3
EATON / CUTLER HAMMER 1294C01H01 BREAKER LOCK DOG	3
ALLEN-BRADLEY 1492-GH005 1P 120V 0.5A CIRCUIT BREAKER	3
ALLEN-BRADLEY 1492-GH050 1P 120V 5A CIRCUIT BREAKER	3
WIRES, TERMINALS, NAMEPLATES	LOT

ITEM NO.2

HS2-1634, HS2-1734, HS2-1834 SWING PUMP VALVES OPERATOR STATION (3-REQ'D)

SQUARE-D 9001SKY3 3-HOLE POLYMERIC CONTROL STATION	3
SQD 9001SKS43B 3 POSITION SELECTOR SWITCH	3

SQD 9001SKR1U 30MM MOMENTARY PUSH BUTTON OPERATOR	6
SQD 9001KA1 30MM CONTACT BLOCK, 10A, (1)NO / (1)NC, SCREW CLAMP TERMINAL LABELS	12
	LOT
ITEM NO.3	
HIGH PRESSURE PUMP NO.9 OPERATOR PUSH BUTTON STATION	
SQUARE-D 9001SKY111 1-HOLE POLYMERIC CONTROL STATION WITH HOA SELECTOR	1
ITEM NO.4	
HPP-9 PUMP INLET PRESSURE GAUGE ASSEMBLY	
ASHCROFT 45-1279AS-04L-XNHPD-100# DURAGAUGE PLUS 4.5" DIAL PROCESS GAUGE	1
A) RANGE: 0 TO 100 PSI	
B) 316L STAINLESS STEEL BOURDON TUBE AND SOCKET	
C) 1/2 IN MNPT LOWER STEM CONNECTION	
D) SEAL: BUNA-N	
E) ACRYLIC WINDOW, SILICONE FILL	
F) TAGS: PI-1940	
ASHCROFT 02-1112SD-25 PRESSURE SNUBBER, 303 SST. BODY	INCL
ASHCROFT 50-201SS-02T-XCKPUSE SERIES THREADED DIAPHRAGM SEAL	INCL
A) 1/2" NPT FEMALE PROCESS CONNECTION	
B) 1/2" NPT FEMALE INSTRUMENT CONNECTION	
C) 316L STAINLESS STEEL HOUSING	
D) 316L STAINLESS STEEL DIAPHRAGM MATERIAL	
E) 1/4" FLUSHING PORT IN LOWER HOUSING	
JAMESBURY 1/4-33-3600TL 1/4" 316 S.S. BALL VALVE	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	1
1/4" x 2" 316 STAINLESS STEEL NIPPLE	2
1/4" STAINLESS STEEL ELBOW	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	2
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1
ITEM NO.5	
HPP-9 PUMP INLET PRESSURE TRANSMITTER ASSEMBLY	
ROSEMOUNT 3051S PRESSURE TRANSMITTER	1
A) RANGE: -14 TO 2000 PSI	
B) OUTPUT: 4-20MADC WITH HART	
C) PROCESS CONN.: 316L TRADITIONAL FLANGE 1/4-18 NPT	
D) HOUSING: ALUMINUM WITH 1/2-14 NPT	
F) DISPLAY: PLANTWEB LCD	
H) ASSEMBLE TO ROSEMOUNT CONVENTIONAL 304 INTEGRAL MANIFOLD	
I) TAGS: PIT-1940	
ROSEMOUNT 0304 IN-LINE MANIFOLD WITH THE FOLLOWING:	1
A) MANIFOLD STYLE: THREADED	
B) MANIFOLD TYPE: 2-VALVE	
C) BODY BONNET STEM TIP: SST SST SST 316 SST	
D) PROCESS CONN. 1/2-14 FNPT	
E) PACKING MATERIAL: PTFE	
F) VALVE SEAT: INTEGRAL	
SQD SSP030SSE10HC 4/20MA PIPE STYLE SURGE ARRESTER	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	2
1/2" STAINLESS STEEL TEE	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	3
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1
2" X 60" ALUMINUM PIPE STANCHION W/ 10" X 10" X 1/2" ALUMINUM BASE	1
MISC. BRACKET HARDWARE	LOT

ITEM NO.6

HPP-9 PUMP OUTLET PRESSURE GAUGE ASSEMBLY

ASHCROFT 1279 DURAGAUGE PLUS 4.5" DIAL PROCESS GAUGE	1
A) RANGE: 0 TO 200 PSI	
B) 316L STAINLESS STEEL BOURDON TUBE AND SOCKET	
C) 1/2 IN MNPT LOWER STEM CONNECTION	
D) SEAL: BUNA-N	
E) ACRYLIC WINDOW, SILICONE FILL	
F) TAGS: PI-1942	
ASHCROFT 02-1112SD-25 PRESSURE SNUBBER, 303 SST. BODY	INCL
ASHCROFT 50-201SS-02T-XCKPULSE SERIES THREADED DIAPHRAGM SEAL	INCL
A) 1/2" NPT FEMALE PROCESS CONNECTION	
B) 1/2" NPT FEMALE INSTRUMENT CONNECTION	
C) 316L STAINLESS STEEL HOUSING	
D) 316L STAINLESS STEEL DIAPHRAGM MATERIAL	
E) 1/4" FLUSHING PORT IN LOWER HOUSING	
JAMESBURY 1/4-33-3600TL 1/4" 316 S.S. BALL VALVE	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	1
1/4" x 2" 316 STAINLESS STEEL NIPPLE	2
1/4" STAINLESS STEEL ELBOW	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	2
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1

ITEM NO.7

HPP-9 PUMP OUTLET PRESSURE TRANSMITTER ASSEMBLY

ROSEMOUNT 3051S PRESSURE TRANSMITTER	1
A) RANGE: -14 TO 2000 PSI	
B) OUTPUT: 4-20MADC WITH HART	
C) PROCESS CONN.: 316L TRADITIONAL FLANGE 1/4-18 NPT	
D) HOUSING: ALUMINUM WITH 1/2-14 NPT	
F) DISPLAY: PLANTWEB LCD	
H) ASSEMBLE TO ROSEMOUNT CONVENTIONAL 304 INTEGRAL MANIFOLD	
I) TAGS: PIT-1942	
ROSEMOUNT 0304 IN-LINE MANIFOLD WITH THE FOLLOWING:	1
A) MANIFOLD STYLE: THREADED	
B) MANIFOLD TYPE: 2-VALVE	
C) BODY BONNET STEM TIP: SST SST SST 316 SST	
D) PROCESS CONN. 1/2-14 FNPT	
E) PACKING MATERIAL: PTFE	
F) VALVE SEAT: INTEGRAL	
SQD SSP030SSE10HC 4/20MA PIPE STYLE SURGE ARRESTER	1
JAMESBURY 1/2-33-3600TL 1/2" 316 S.S. BALL VALVE	2
1/2" STAINLESS STEEL TEE	1
1/2" x 2" 316 STAINLESS STEEL NIPPLE	3
1/2" x 4" 316 STAINLESS STEEL NIPPLE	1
2" X 60" ALUMINUM PIPE STANCHION W/ 10" X 10" X 1/2" ALUMINUM BASE	1
MISC. BRACKET HARDWARE	LOT

ITEM NO.8

PROJECT SERVICES

ENGINEERING	LOT
SUBMITTALS	LOT
PLC PROGRAMMING	LOT
SCADA PROGRAMMING	LOT

TESTING	LOT
START-UP	LOT
TRAINING	LOT
O & M MANUALS	LOT
WARRANTY, 1-YEAR	LOT

***** BID ALTERNATIVE #1 *****

ITEM NO.9

VALVE CONTROL PANEL PCPMOVRO2 MODIFICATIONS (CV-1*20 CONCENTRATE VALVES)

EATON / CUTLER HAMMER AN56BN0AC NEMA SIZE 0 3-PHASE REVERSING STARTER	3
EATON / CUTLER HAMMER H2005B-3 CLASS 20 HEATER PACKS, 1.2-1.96A, 3/CARTON	3
EATON / CUTLER HAMMER GMCP003AOC 3A 3-POLE G-FRAME BREAKER	3
EATON / CUTLER HAMMER 1294C01H01 BREAKER LOCK DOG	3
ALLEN-BRADLEY 1492-GH005 1P 120V 0.5A CIRCUIT BREAKER	3
ALLEN-BRADLEY 1492-GH050 1P 120V 5A CIRCUIT BREAKER	3
WIRES, TERMINALS, NAMEPLATES	LOT

ITEM NO.10

HS1-1620, HS1-1720, HS1-1820 CONCENTRATE VALVES OPERATOR STATION (3 REQ'D)

SQUARE-D 9001SKY3 3-HOLE POLYMERIC CONTROL STATION	3
SQD 9001SKS43B 3 POSITION SELECTOR SWITCH	3
SQD 9001SKR1U 30MM MOMENTARY PUSH BUTTON OPERATOR	6
SQD 9001KA1 30MM CONTACT BLOCK, 10A, (1)NO / (1)NC, SCREW CLAMP TERMINAL	12
LABELS	LOT

ITEM NO.11

MAIN CONTROL PANEL PLC-RO2 MODIFICATIONS

ALLEN-BRADLEY 1756-A7 CONTROLLOGIX 7-SLOT MOUNTING CHASSIS RACK	1
ALLEN-BRADLEY 1756-PA72 CONTROLLOGIX POWER SUPPLY, 85-256VAC, 75W	1
ALLEN-BRADLEY 1756-IB16 CONTROLLOGIX DIGITAL INPUT, 16-POINT, 24VDC	1
ALLEN-BRADLEY 1756-OB16I CONTROLLOGIX ISOLATED DIGITAL OUTPUT, 16-POINT, 12/24VDC	1
ALLEN BRADLEY 1756-TBCH TERMINAL BLOCK, 36-PIN CAGE CLAMP BLOCK	2
PHOENIX CONTACT 2838322 PT 4X1-24DC-ST PLUGTRAB PT SURGE PROTECTION PLUG	4
PHOENIX CONTACT 2839363 PT 4X1-BE PLUGTRAB PT SURGE PROTECTION BASE	4
FINDER 60.13.9.024.0070 60 SERIES RELAYS, 3PDT, 10A, 24VDC, LED	8
FINDER 90.27SMA DIN RAIL 11-PINS RELAY SOCKET, SCREW TERMINAL	8
WIRES, TERMINALS, LABELS	LOT

ITEM NO.12

ADDITIONAL PROJECT SERVICES

ENGINEERING	LOT
SUBMITTALS	LOT
PLC PROGRAMMING	LOT
TESTING	LOT
START-UP	LOT
O & M MANUALS	LOT
WARRANTY, 1-YEAR	LOT

SUMMARY

ITEMS NO.1 THRU NO.8	HIGH PRESSURE PUMP #9 ADDITION (BASE BID)	SELL \$72,700.00
ITEMS NO.9 THRU 12	CONCENTRATE PIPING IMPROVEMENTS (BID ALTERNATIVE #1)	\$42,700.00

TOTAL: **\$115,400.00 PLUS TAX**

SUBMITTAL: 6-8 WEEKS (AFTER RECEIPT OF PURCHASE ORDER)

DELIVERY: 18-20 WEEKS (AFTER APPROVED DRAWINGS)

FOB: JOB SITE

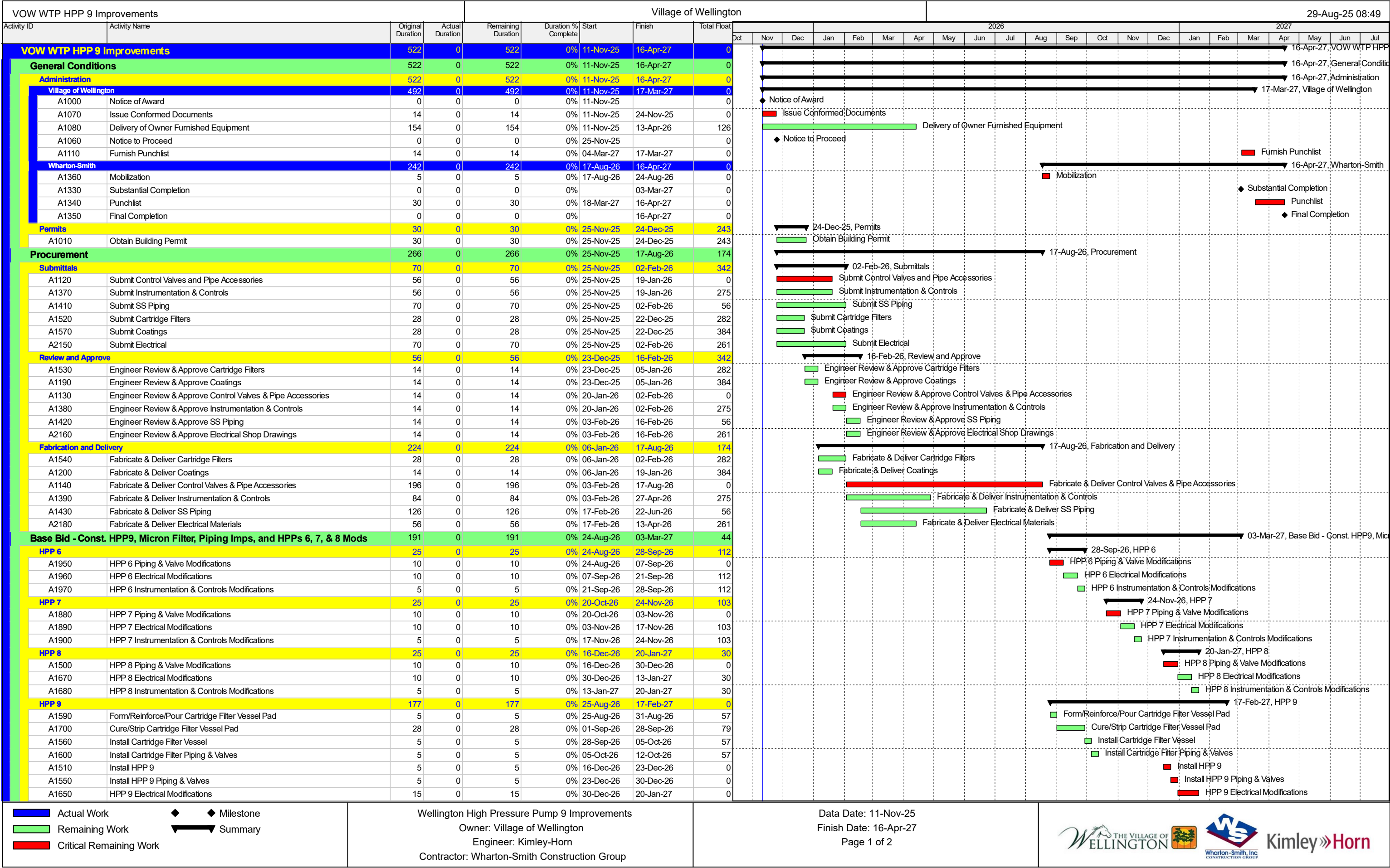
TERMS: NET 30 DAYS (SUBJECT TO CREDIT APPROVAL)

WARRANTY: ALL WARRANTIES SHALL EXPIRE ONE (1) YEAR FROM DATE OF START-UP FROM SELLER TO BUYER UNLESS SPECIALLY INDICATED OTHERWISE AND WILL BE NULL AND VOID UNLESS MATERIALS ARE STORED UNDER PROPER CONDITIONS DETERMINED BY C.C. CONTROL CORP.

JUAN REYES

jreyes@cccontrolcorp.com

SECTION 4 – EXHIBIT R3 CONSTRUCTION SCHEDULE



VOW WTP HPP 9 Improvements				Village of Wellington						29-Aug-25 08:49																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SECTION 5 – EXHIBIT R4 CONSTRUCTION MANAGER’S ALLOWANCES

The GMP includes the following Allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.

- Base Bid:
 - a. Coatings - \$35,000
 - b. Independent Testing - \$10,000
 - c. Flow Meter Installation - \$130,000
- Alternate Bid: None

SECTION 6 – EXHIBIT R5 ASSUMPTIONS AND CLARIFICATIONS

Please note the following assumptions and clarifications regarding this proposal:

1. The work is in accordance with Kimley-Horn's "Membrane Plant #2 (M2) High Pressure Pump 9 Improvements" conformed documents dated May 2025. Please refer to Section 2 for the Drawings and Specifications.
2. The GMP includes work for High Pressure Pump 9 along with the associated piping and Trains 6, 7, and 8 concentrate piping modifications. Pricing for the bid proposals received will remain valid for a period of one hundred and eighty (180) days after the bid date.
3. We have included an Owner Controlled Contingency of \$98,829.00. Please note that this contingency is currently shown below the line without fee, fee to be included on contingency usage once brought into the project as approved by the Village of Wellington.
4. We have included the following allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.
 - a. Coatings - \$35,000
 - b. Independent Testing - \$10,000
 - c. Flow Meter Installation - \$130,000
5. We have included a performance and payment bond and insurance.
6. ERP, FDEP, FDOT, & ROW permit fees are by others.
7. Village of Wellington Building Department fees are by others.
8. Costs associated with Davis-Bacon Wages & AIS requirements have not been included.
9. It is assumed that the Village of Wellington will provide power and water for use during construction and startup at no cost.
10. We have not included any costs for Lead/Asbestos Survey nor abatement of any kind.
11. Pricing includes no knowledge of buried or concealed conditions beyond what is indicated or shown on documents received to date. Unforeseen conflicts and utilities will be submitted as additional costs.
12. All Pricing (Labor, Material, Equipment, Subcontract) is based on current market value with no escalation or inflation adjustment. Duration of Material lead times are based on current market conditions.
13. The following is Owner furnished equipment:
 - a. High Pressure Pump 9, Motor and Can
 - b. Cartridge Filter Housing
 - c. Micron Filters
 - d. VFD
14. Owner furnished Equipment is subject to Engineer's shop drawing submittal review and approval. The Equipment services and features specified within Bid Documents are to be verified by Direct Purchaser prior to their system integration by Contractor.
15. We have included administrative costs to coordinate field services with Owner furnished equipment vendors. This is limited to communication and scheduling. Wharton Smith and subcontractors are not responsible for delays associated with these vendors.
16. Procurement, review, submission, and copies of Operation and Maintenance Manuals for Owner Furnished Equipment is excluded. It is the Owner's responsibility to coordinate this effort and share all pertinent information with Wharton Smith in a timely manner.
17. All work required per Specification Section 02670 *Flushing, Testing and Disinfection* is excluded as no discharge and bacteriological sampling locations have been identified in the bid drawings. Wharton Smith responsibility will be limited to swabbing all new piping to be installed on the Raw Water Feed System. If

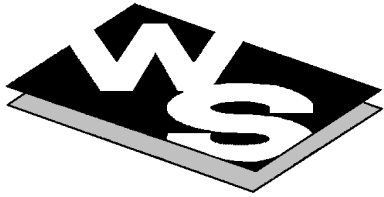
- required, additional form of disinfection, temporary piping, flushing, and bacteriological sampling will be coordinated with the Owner and submitted as additional cost.
18. Spare Parts for all Owner Furnished Equipment are excluded.
 19. Factory testing for all Owner Furnished Equipment is excluded. This includes coordinating, reviewing test reports, and submission.
 20. Vibration testing costs per Specification Section 11936 *Vertical Turbine High Pressure Pump* and Specification Section 13080 *Vibration and Alignment*, are excluded as these costs were carried by Afton for Owner Furnished HPP 9. Wharton Smith responsibility will be limited to coordinating with Afton.
 21. Part 1 of Specification Sections 16480 and 16485/16495 is excluded since the manufacturer's services were included in the direct Purchase Order from the Village of Wellington to Schneider.
 22. Offloading and storage of Owner Furnished Equipment is excluded.
 23. Part 3.1 of Specification Section 16485/16495 states that a 10% payment retainage will be released to Contractor upon final acceptance of the work. Per Executed CMAR Agreement, a 5% retainage will be held.
 24. Additional material cost or delays to the Project Schedule due to Owner or Owner's contracted Supplier will be assessed and Contractor reserves the right to submit any applicable claims within the Terms and Conditions of the Contract.
 25. It is assumed that the 10" 90° bends can be modified and reinstalled, therefore, we have included cost for these modifications per General Note No. 9 on Sheet M-2. If for reasons outside of our control, new 90° bends are required, a Contingency Authorization Request will be submitted for the additional cost.
 26. Cost to modify existing grating is included as shown in the bid documents. Additional modifications will be submitted as additional cost.
 27. As requested by the Village of Wellington, cost to furnish the micron filters is not included.
 28. Coiling, hanging, or arranging of existing wiring and other items present within existing PLC-RO2 or PCPMOVRO2 is excluded.
 29. Contractor has excluded cost to perform post-construction inspection referenced in Spec Section 01700-1.9. It is the Owner's responsibility to send notification of any deficiencies concerning material, equipment, and workmanship furnished by Wharton Smith within the warranty period established in the bid documents. Deficiencies relating to Owner Furnished Equipment will be the sole responsibility of the Owner.
 30. It is assumed that Engineer and Owner will review and return submittals within 14 calendar days. RFIs and resubmittals shall be returned within 7 calendar days.
 31. It is assumed that Contractor will utilize the Owner's existing gantry crane and that the crane's capacity is sufficient for the cartridge filter and HPP. Should the gantry crane capacity not be sufficient, Contractor will seek alternate method of hoisting for additional cost.
 32. Pricing only includes materials and equipment specified in the bid documents. As there are no references to the Village's Approved Product List (APL), those approved products have been excluded.
 33. Please refer to Section 4 for the proposed GMP schedule. Please note that the P6 schedule is referenced in "work days" as the program automatically accounts for weekends and holidays. The contract time is expressed in "calendar days". 508 calendar days from Notice of Commencement to Final Completion indicated equates to the 522 work days shown in the P6 schedule. Our current estimated duration of on-site construction is 8 months.

SECTION 7 – EXHIBIT R6 LIST OF EXTENDED WARRANTIES

The Construction Manager's warranty and the warranty of all subcontractors and suppliers will be in accordance with the Construction Manager at Risk Agreement and the Contract Documents. All work shall be warranted for a period of one (1) year from date of final acceptance by the owner or the manufacturer's standard warranty period, whichever is greater.

Extended warranties as required by the contract specifications will be furnished to the Owner during the closeout phase and prior to receipt of final payment.

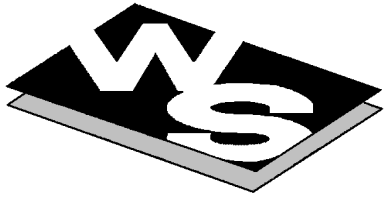
SECTION 8 – EXHIBIT R7 GENERAL CONDITIONS AND GENERAL REQUIREMENTS



Wharton-Smith, Inc.
CONSTRUCTION GROUP

	JOB NAME:	VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements - BASE						
	ESTIMATE #:	1						

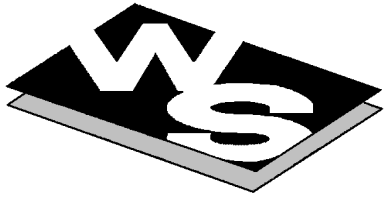
GENERAL CONDITIONS	DURATION =	1600 DIRECT MANHOURS			40	MANWEEKS										
		5	MONTHS, PLANNED			2	MEN									
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR			HR/UNIT	EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS
					U/P	TOTAL MH	\$ AMOUNT		RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P	\$ AMOUNT	
PROJECT MANAGEMENT TEAM	W/ 7% TAX															
FIELD STAFF																
SUPERINTENDENT	22	WK	40	\$157.00	\$6,280	\$866	\$135,962			\$0		\$0	\$0		\$0	\$135,962
OFFICE STAFF																
PROJECT MANAGER	22	WK	40	\$157.00	\$6,280	\$866	\$135,962			\$0		\$0	\$0		\$0	\$135,962
PROJECT ENGINEER	22	WK	40	\$96.00	\$3,840	\$866	\$83,136			\$0		\$0	\$0		\$0	\$83,136
PROJECT ASSISTANT	22	WK	24	\$80.00	\$1,920	\$520	\$41,568			\$0		\$0	\$0		\$0	\$41,568
OTHER STAFF																
COST ACCOUNTANT	22	WK	16	\$124.00	\$1,984	\$346	\$42,954			\$0		\$0	\$0		\$0	\$42,954
SAFETY COORDINATOR	22	WK	4	\$140.00	\$560	\$87	\$12,124			\$0		\$0	\$0		\$0	\$12,124
RELATED MANAGEMENT COSTS																
SOFTWARE COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$3,932	\$3,932	\$3,932
TEMP.FACILITIES & UTILITIES																
WATER, MONTHLY	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$1,250	\$1,338		\$0	\$1,338
INTERNET/TELEPHONE, MONTHLY CHARGES - W-S	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$200	\$1,000	\$1,070		\$0	\$1,070
CELLULAR TELEPHONE, MONTHLY CHARGES	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$1,500	\$1,605		\$0	\$1,605
FIELD OFFICE, WHARTON SMITH INC	5	MO	5	\$50.00	\$250	\$25	\$1,250			\$0	\$8,000	\$40,000	\$42,800		\$0	\$44,050
JOB OFFICE SUPPLIES	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$750	\$3,750	\$4,013		\$0	\$4,013
COMPUTER EQUIPMENT FOR FIELD OFFICE - W-S	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,000	\$2,000	\$2,140		\$0	\$2,140
TOOL TRAILERS - 1 REQUIRED	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$1,250	\$1,338		\$0	\$1,338
TEMPORARY TOILETS - 1 REQUIRED	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$750	\$803		\$0	\$803
TEMPORARY SEWAGE HOLDING TANKS - ENGINEER & W-S	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$1,500	\$1,605		\$0	\$1,605
CONSTRUCTION EQUIPMENT & TOOLS																
SMALL TOOLS AND SUPPLIES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$4,800	\$4,800	\$5,136		\$0	\$5,136
SAFETY & HEALTH & HOUSEKEEPING																
SAFETY DEVICES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$3,000	\$3,000	\$3,210		\$0	\$3,210
CLEAN-UP AT END OF PROJECT	1	LS	80	\$50.00	\$4,000	\$80	\$4,000			\$0		\$0	\$0		\$0	\$4,000
CLEAN-UP THROUGHOUT DURATION OF PROJECT	22	WK	4	\$50.00	\$200	\$87	\$4,330			\$0		\$0	\$0		\$0	\$4,330
DUMPSTERS	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$1,250	\$6,250	\$6,688		\$0	\$6,688
JANITORIAL	22	WK		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$280	\$6,062	\$6,062
TOTAL GENERAL CONDITIONS					\$3,742		\$461,287			\$0		\$71,744		\$9,994		\$543,023
GENERAL REQUIREMENTS																
PERMITS, FEES, INSURANCE, LEGAL, ETC.																
BUILDER'S RISK INSURANCE-COASTAL COUNTY	5	MO		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$250	\$2,850	\$2,850
PROJECT DOCUMENTATION AND SERVICES																
PHOTOGRAPHS	5	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$750	\$803		\$0	\$803
PRE-CONSTRUCTION AUDIO-VIDEO DOCUMENTATION	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$2,500	\$2,500	\$2,500



Wharton-Smith, Inc.
CONSTRUCTION GROUP

		JOB NAME:	VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements - BASE					
		ESTIMATE #:	1					

DESIGN SERVICES (CADD) - AS-BUILTS	1	LS	40	\$65.00	\$2,600	\$40	\$2,600			\$0		\$0	\$0		\$0	\$2,600
PLANS & SPECIFICATIONS REPRODUCTION COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$1,500	\$1,500	\$1,605		\$0	\$1,605
TOTAL GENERAL REQUIREMENTS						\$40	\$2,600			\$0		\$2,408		\$5,351		\$10,358



Wharton-Smith, Inc.
CONSTRUCTION GROUP

JOB NAME: VOW WTP Membrane Plant #2 (M2) HPP 9 Improvements - BASE

ESTIMATE #:

1

GENERAL CONDITIONS		960 DIRECT MANHOURS			24	MANWEEKS MEN												
	DURATION =		2.0	MONTHS, PLANNED	1													
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR		HR/UNIT	EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS			
					U/P	TOTAL MH		\$ AMOUNT	RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P		\$ AMOUNT		
PROJECT MANAGEMENT TEAM	W/ 7% TAX																	
FIELD STAFF																		
SUPERINTENDENT	9	WK	24	\$157.00	\$3,768	\$208	\$32,706			\$0		\$0	\$0	\$0	\$32,706			
OFFICE STAFF																		
PROJECT MANAGER	9	WK	16	\$157.00	\$2,512	\$139	\$21,804			\$0		\$0	\$0	\$0	\$21,804			
PROJECT ENGINEER	9	WK	24	\$96.00	\$2,304	\$208	\$19,999			\$0		\$0	\$0	\$0	\$19,999			
PROJECT ASSISTANT	9	WK	8	\$80.00	\$640	\$69	\$5,555			\$0		\$0	\$0	\$0	\$5,555			
OTHER STAFF																		
COST ACCOUNTANT	9	WK	4	\$124.00	\$496	\$35	\$4,305			\$0		\$0	\$0	\$0	\$4,305			
SAFETY COORDINATOR	9	WK	4	\$140.00	\$560	\$35	\$4,861			\$0		\$0	\$0	\$0	\$4,861			
RELATED MANAGEMENT COSTS																		
SOFTWARE COSTS	1	LS		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$880	\$880	\$880		
TEMP.FACILITIES & UTILITIES																		
WATER, MONTHLY	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$500	\$535		\$0	\$535		
INTERNET/TELEPHONE, MONTHLY CHARGES - W-S	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$200	\$400	\$428		\$0	\$428		
CELLULAR TELEPHONE, MONTHLY CHARGES	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$600	\$642		\$0	\$642		
FIELD OFFICE, WHARTON SMITH INC	2	MO	5	\$50.00	\$250	\$10	\$500			\$0	\$8,000	\$16,000	\$17,120		\$0	\$17,620		
JOB OFFICE SUPPLIES	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$750	\$1,500	\$1,605		\$0	\$1,605		
COMPUTER EQUIPMENT FOR FIELD OFFICE - W-S	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,000	\$2,000	\$2,140		\$0	\$2,140		
TOOL TRAILERS - 1 REQUIRED	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$250	\$500	\$535		\$0	\$535		
TEMPORARY TOILETS - 1 REQUIRED	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$150	\$300	\$321		\$0	\$321		
TEMPORARY SEWAGE HOLDING TANKS - ENGINEER & W-S	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$300	\$600	\$642		\$0	\$642		
CONSTRUCTION EQUIPMENT & TOOLS																		
SMALL TOOLS AND SUPPLIES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$2,880	\$2,880	\$3,082		\$0	\$3,082		
SAFETY & HEALTH & HOUSEKEEPING																		
SAFETY DEVICES	1	LS		\$50.00	\$0	\$0	\$0			\$0	\$1,000	\$1,000	\$1,070		\$0	\$1,070		
CLEAN-UP AT END OF PROJECT	1	LS	40	\$50.00	\$2,000	\$40	\$2,000			\$0		\$0	\$0		\$0	\$2,000		
CLEAN-UP THROUGHOUT DURATION OF PROJECT	9	WK	4	\$50.00	\$200	\$35	\$1,736			\$0		\$0	\$0		\$0	\$1,736		
DUMPSTERS	2	MO		\$50.00	\$0	\$0	\$0			\$0	\$1,250	\$2,500	\$2,675		\$0	\$2,675		
JANITORIAL	9	WK		\$50.00	\$0	\$0	\$0			\$0		\$0	\$0	\$280	\$2,430	\$2,430		
TOTAL GENERAL CONDITIONS						\$779	\$93,467						\$0	\$30,795			\$3,310	\$127,571
GENERAL REQUIREMENTS																		
PERMITS, FEES, INSURANCE, LEGAL, ETC.																		
BUILDER'S RISK INSURANCE-COASTAL COUNTY	2	MO		\$50.00	\$0.00	0.00	0.00			\$0		\$0	\$0	\$75	\$150	\$150		
TOTAL GENERAL REQUIREMENTS						0.00	0.00						\$0	\$0			\$150	\$150

SECTION 9 – EXHIBIT R8 SUBMITTAL SCHEDULE



Submittal Log: WTP Membrane Plant #2 (M2) High Pressure Pump 9 Improvements					
Package	Submittal	Rev.	Title	Status	Comments
Div. 01			Schedule of Values	UNS	
			Preconstruction Video	UNS	
			Construction Schedule	UNS	
Div. 03			Concrete	UNS	
			Concrete Reinforcement	UNS	
Div. 09			Painting & Coatings	UNS	
Div. 11			Cartridge Filter Elements	UNS	
			Control Valves and Pipe Accessories	UNS	
Div. 15			Stainless Steel Piping	UNS	
Div. 16			Electrical	UNS	
Div. 17			Instrumentation & Controls	UNS	