

SECTION 00510

NOTICE OF AWARD FORM

To: **TLC Diversified, Inc.**
2719 17th Street East
Palmetto, FL 34221

Project Name and Bid No.: **Tierra Verde Lift Station**

The OWNER has considered the BID submitted by you, dated November 7th, 2019 for the above described WORK in response to the Invitation for Bids and Information for Bidders.

You are hereby notified that your BID has been accepted for BID items in the amount of \$ 828,440.00 .

You are required by the Instructions to Bidder to execute the Agreement and furnish the required CONTRACTOR's Performance Bond, Payment Bond, and certificates of insurance within fourteen (14) calendar days from the date of this Notice to you. If you fail to execute said Agreement and to furnish said Bonds and insurance within fourteen (14) calendar days from receipt of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER's acceptance of your BID as abandoned and as a forfeiture of your BID BOND. The OWNER will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER.

Dated this 17th day of December 2019.

OWNER:

 Utilities Inc. Of Florida

(Name of OWNER)

 Patrick C. Flynn

By (Signature)

 Patrick C. Flynn, Vice President

(Printed Name and Title)

ACCEPTANCE OF NOTICE

Receipt and acceptance of the above NOTICE OF AWARD is hereby acknowledged by Thurston Lamberson this 19th day of December , 2019.

X
By

 Thurston Lamberson/President

Printed Name and Title

END OF SECTION

00510-1

SECTION 00520

AGREEMENT FORM (LUMP SUM)

PART 1 GENERAL

1.01 THIS AGREEMENT, made this 17th day of December 2019, by and between Utilities Inc. of Florida, hereinafter called the Owner, and TLC Diversified, Inc., whose principal and local address is 2719 17th Street East, Palmetto, FL 34221, hereinafter called the Contractor.

1.02 The Owner and Contractor Agree as follows:

A. Contract Documents

The Contract Documents include the Agreement, Addenda (which pertain to the Contract Documents), Contractor's Bid, Notice to Proceed, the Bonds, the General Conditions, the Supplementary Conditions, the Specifications listed in the Index to the Project Manual, any technical specifications as incorporated by the Project Manual; the Drawings as listed in the Project Manual, all Written Amendments, Change Orders, Work Change Directives, Field Orders, and Engineer's written interpretations and clarifications issued on or after the Effective Date of this Agreement. These form the Contract and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

B. Scope of Work

The Contractor shall perform all work required by the Contract Documents for the construction of the Tierra Verde Lift Station.

C. Contract Time

The Contractor shall begin work after the issuance of a written Notice to Proceed from Owner and shall substantially complete the work within the Contract Time identified in Paragraphs 1.02.C.5 of the Bid Form, which is 180 calendar days. The work shall be finally complete, ready for Final Payment in accordance with the General Conditions, within 30 calendar days from the actual date of substantial completion.

D. Liquidated Damages

OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not substantially complete within the time specified in Paragraph C above, plus any extensions thereof allowed in accordance with the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal arbitration proceeding the actual loss suffered by OWNER if the Work is not substantially complete on time. Accordingly, instead of requiring any such proof,

OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER \$100 for each calendar day that expires after the time specified in Paragraph C for substantial completion until the work is substantially complete. It is agreed that if this Work is not Finally completed in accordance with the Contract Documents, the CONTRACTOR shall pay the OWNER as liquidated damages for delay, and not as penalty, one-fourth (¼) of the rate set forth above.

E. Contract Price

Lump Sum Contract

The Owner will pay the Contractor in current funds for the performance of the work, subject to additions and deductions by Change Order, the Total Contract Price of Eight hundred twenty-eight thousand four hundred and forty Dollars (\$828,440.00). Payments will be made to the Contractor based on the Lump Sum Bid amount, the Schedule of Values included as a part of his Bid, which shall be as fully a part of the Contract as if attached or repeated herein, and subject to completion of the work, in accordance with the Contract Documents.

F. Payments

The Owner will make payments as provided in the General Conditions and Supplementary Conditions.

G. Retainage

The value of each application for payment shall be equal to the total value of the Work performed to date, less an amount retained, and less payments previously made and amounts withheld in accordance with the General Conditions and Supplementary Conditions. Retainage for this project is 10%, to be held by Owner as collateral security to ensure completion of Work. The Owner is not obligated to reduce retainage at any time during the Contract, but may choose to do so at its discretion once the Work is at least 75% complete.

H. Engineer

The Project has been designed by Kimley-Horn and Associate, Inc., referred to in the documents as the Engineer, whose authority during the progress of construction is defined in the General Conditions and Supplementary Conditions.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

CONTRACTOR:

TLC Diversified, Inc.

Name of Firm

X 
By (Signature)

(SEAL)

Thurston Lamberson/ President

Printed Name and Title

ATTEST:

X 
By (Signature)

Joanne Lamberson/Secretary

Printed Name and Title

OWNER:

Utilities Inc. of Florida

Name of Owner


By (Signature)

(SEAL)

Patrick C. Flynn, Vice President

Printed Name and Title

ATTEST:

Michael A. Wilson
By (Signature)

Michael Wilson, Regional Manager

Printed Name and Title

END OF SECTION

CONTACT: SHELBY HUGHES, P.E.
727.498.2585

SURVEYOR:
GEOPPOINT SURVEYING, INC.
1403 E 5TH AVE
TAMPA, FLORIDA 33605
CONTACT: DAVID WILLIAMS
813.248.8888

UTILITY CONTACTS:









DUKE ENERGY
ART GILMORE
6565 38TH AVE N
ST.PETERSBURG, FL 33710
727-893-9255

PINELLAS COUNTY UTILITIES
KELLY O'BRIEN
14 S. FORT HARRISON AVE 6TH FLOOR
CLEARWATER, FL 33756
727-464-5492

FRONTIER COMMUNICATIONS
RAUL RIVERA
3712 W WALNUT ST
TAMPA, FL 33607
727-562-1130

CITY OF ST. PETERSBURG
MICHAEL GEBLER
1650 3RD AVE N
ST. PETERSBURG, FL 33712
727-893-7197

BRIGHTHOUSE NETWORKS
TED BINGHAM
700 CARILLON PARKWAY
SUITE 6
ST. PETERSBURG, FL 33716
727-329-2847

PROPOSED FORCE MAIN	————— PFM-10 ————— PFM-10 —————
PROPOSED SANITARY SEWER	————— PSS24 ————— PSS24 —————
PROPOSED RECLAIMED WATER	————— PRW-02 ————— PRW-02 —————
RIGHT-OF-WAY LINE	————— ———— ———— —————
PROPERTY LINE	————— - - - - - —————
EX. RECLAIMED WATER METER	
EX. WATER METER	
EX. CABLE PEDESTAL	
EX. TELEPHONE PEDESTAL	
EX. ELECTRIC PEDESTAL	
EX. SERVICE POWER POLE	
EX. WATER GATE VALVE	
EX. RECLAIMED WATER GATE VALVE	
EX. IRRIGATION CONTROL VALVE	
EX. FIRE HYDRANT	

SHALL PROVIDE RESULTS SHALL REQUEST SUBM

FORCE MAIN

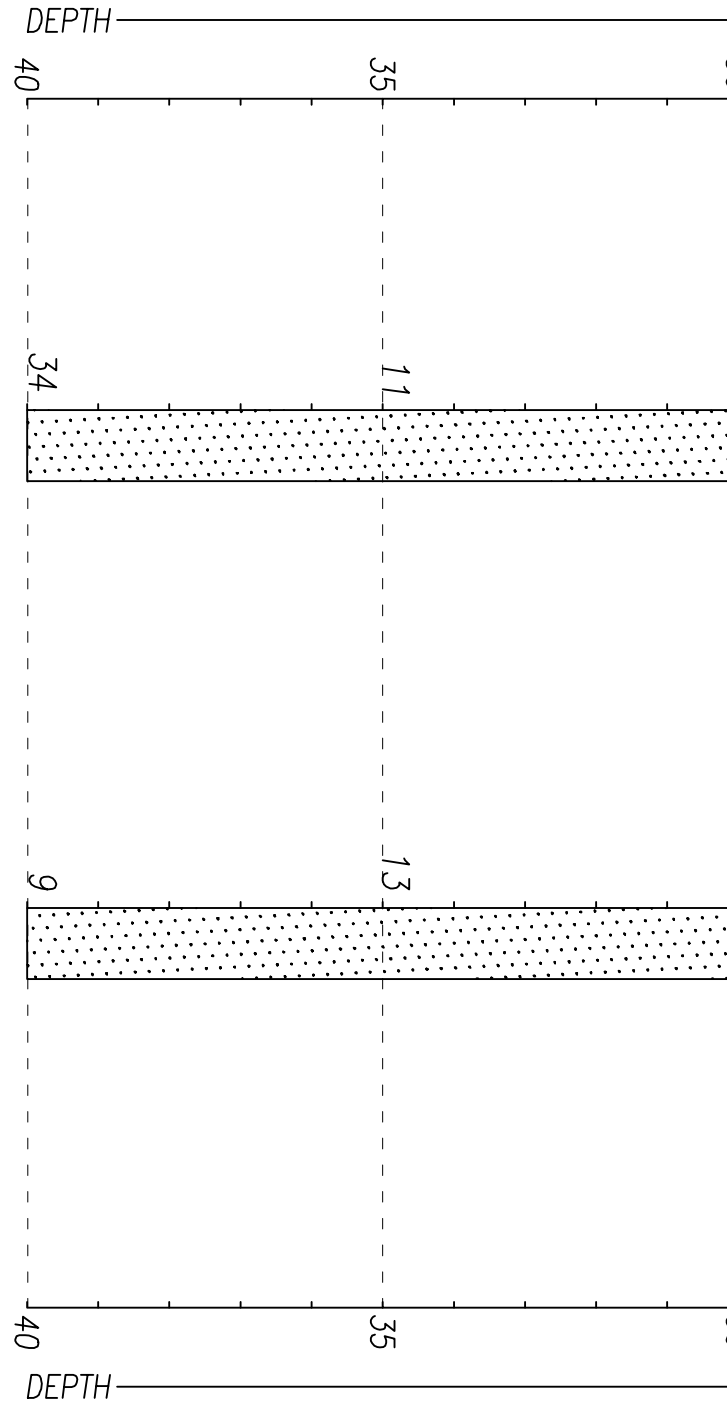
OWNER/OPERAT

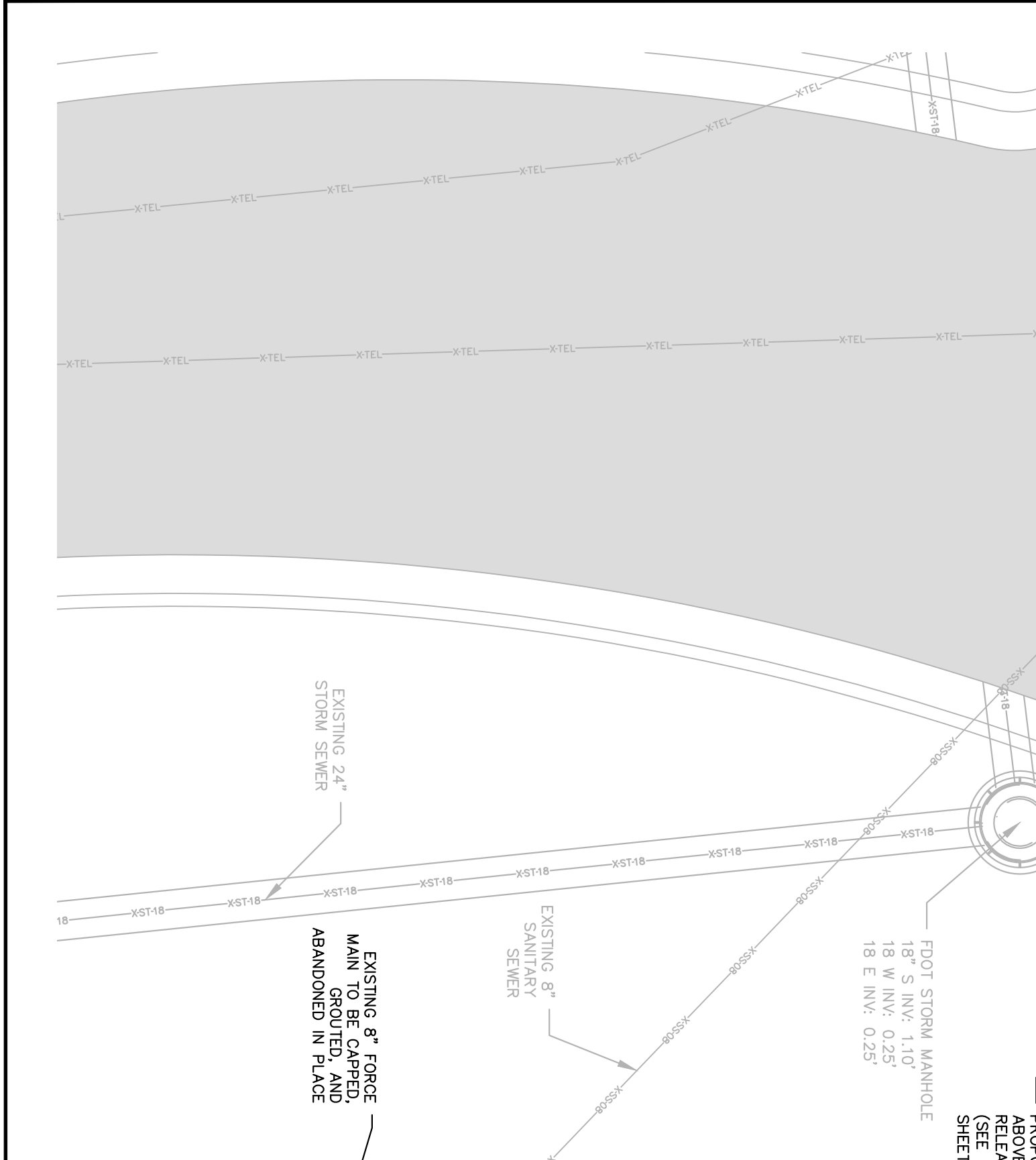
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MATERIALS

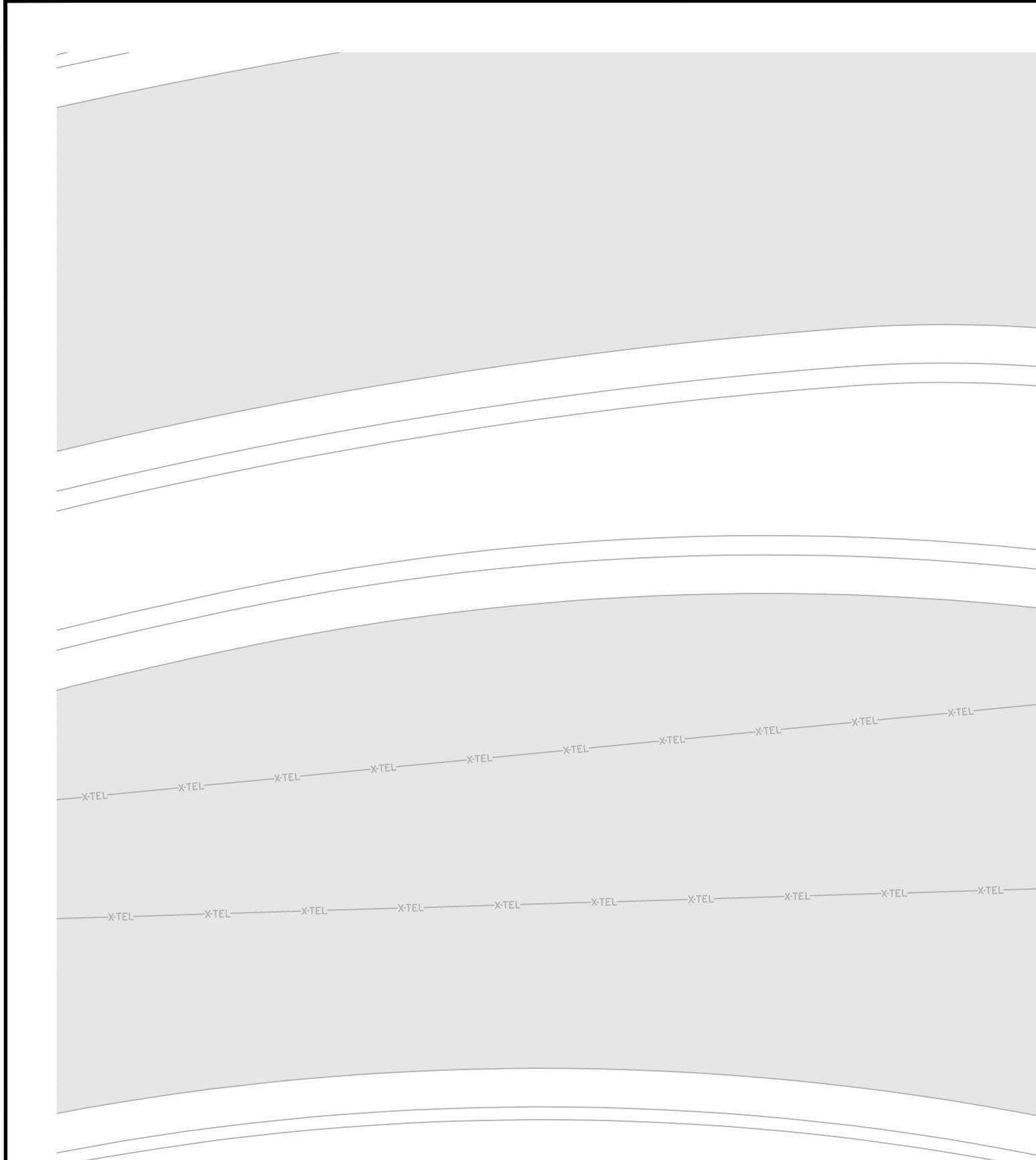
SANITARY SEWE TO ASTM D224 THE PIPE SHA THE ABOVE SP ASTM D3139 D

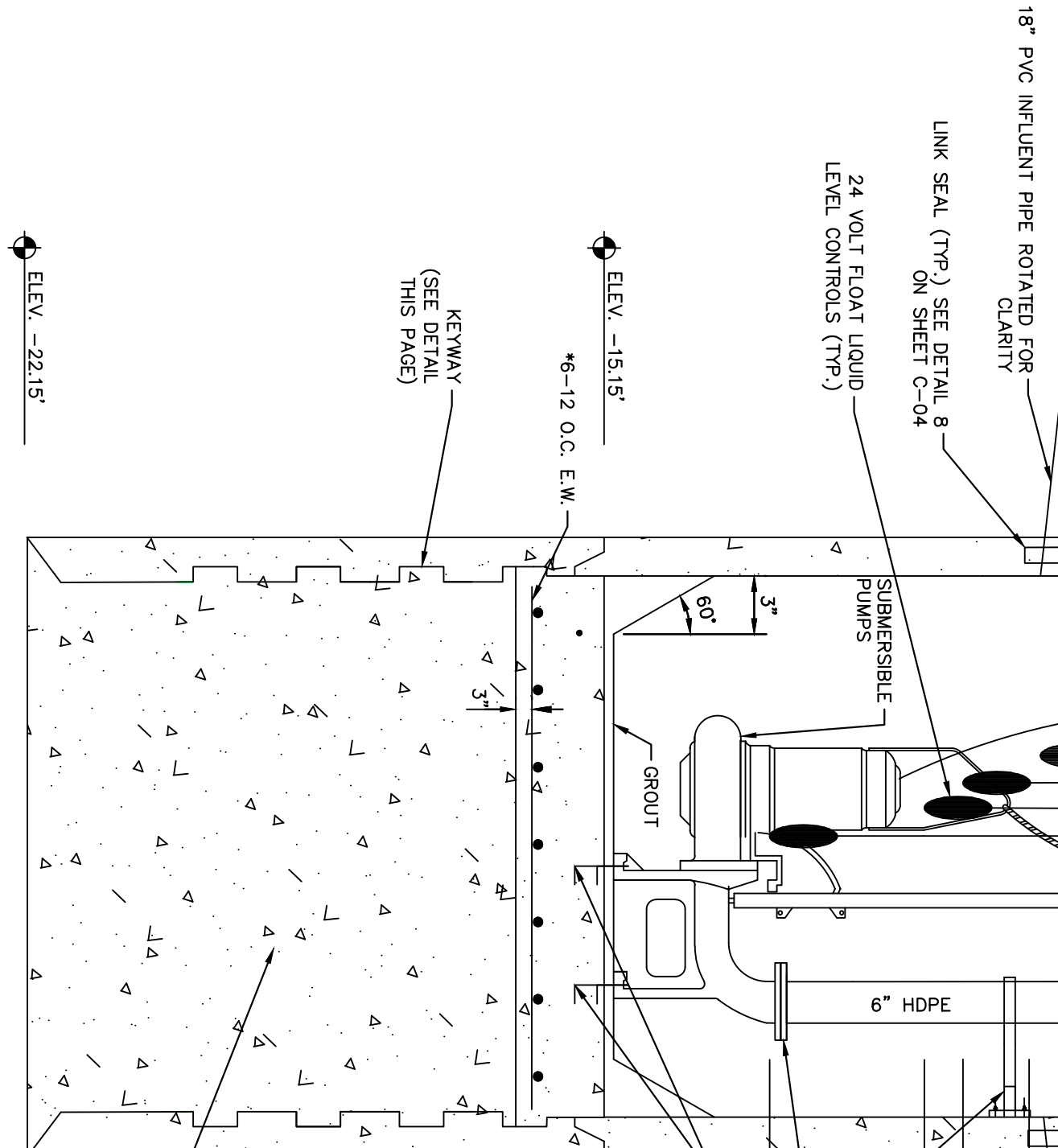
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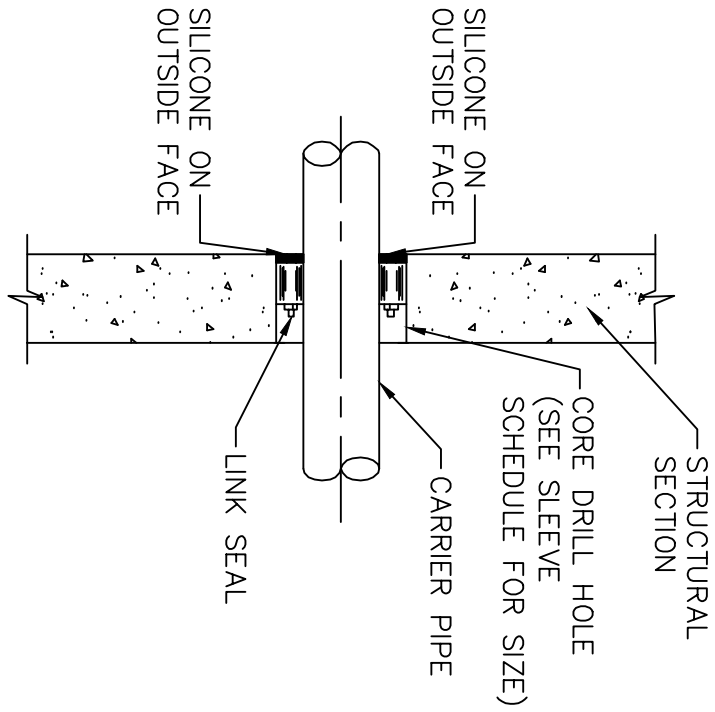


FROM ABOVE RELEASE (SEE SHEET





SECTION VIEW
N.T.S.



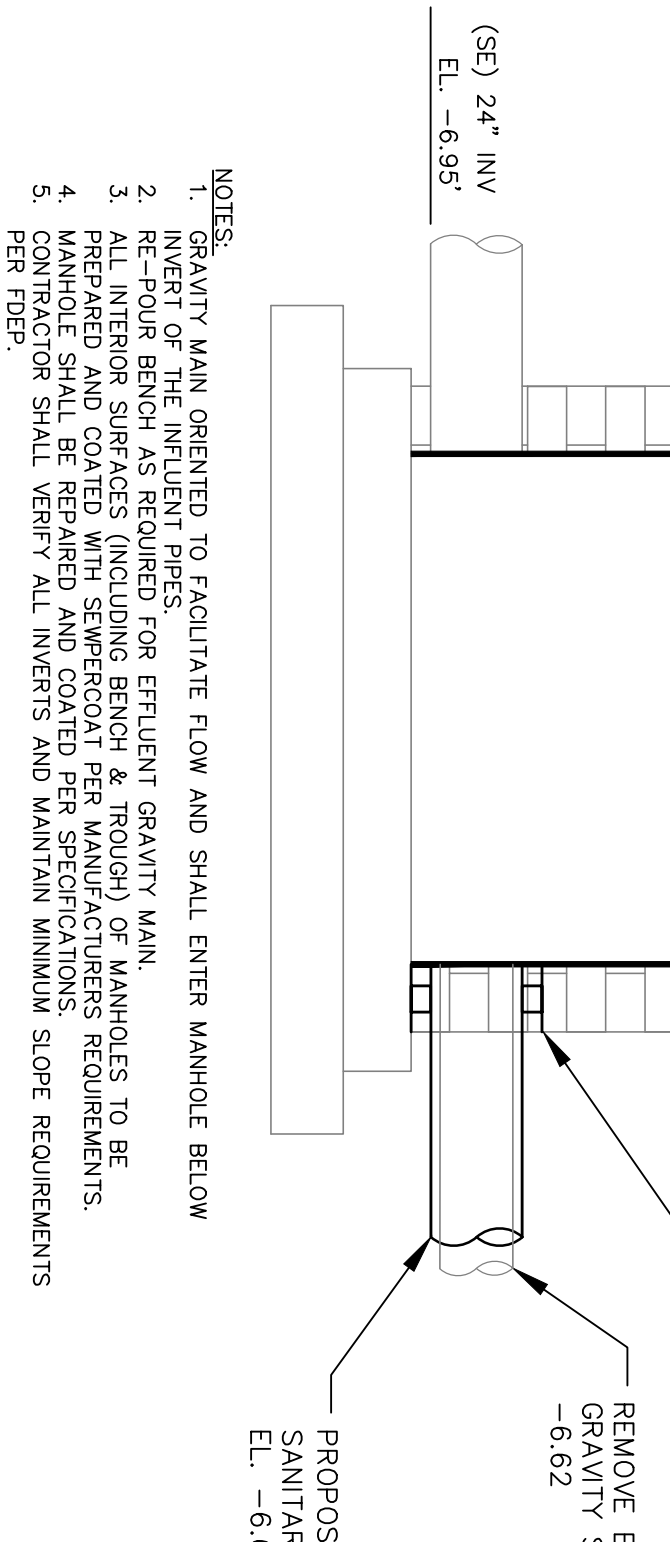
NOTE:
 INSTALL SEALS FROM DRY SIDE OF PENETRATION. WET SIDE FILL
 NON-SHRINK GROUT.

CARRIER PIPE		
NOMINAL DIAMETER INCHES	MATERIAL	OUT
1/2	SCH. 80 PVC	
3/4	SCH. 80 PVC	
1	SCH. 80 PVC	
1 1/2	SCH. 80 PVC	
2	SCH. 80 PVC	
3	SCH. 80 PVC	
4	SCH. 80 PVC	
6	D.I.	
8	D.I.	
10	D.I.	
12	D.I.	
4	HDPE	
6	HDPE	
18	PVC C900-16	
24	PVC C900-16	

PIPE PENETRATION
 N.T.S.

1 1/2" OR 2" METERED RECLAIMED WATER SERVICE
DETAIL

DATE:	FEB/2016
DESIGNED BY:	KEVIN BECOTTE, P.E.
REVISION:	



- NOTES:
1. GRAVITY MAIN ORIENTED TO FACILITATE FLOW AND SHALL ENTER MANHOLE BELOW INVERT OF THE INFLUENT PIPES.
 2. RE-POUR BENCH AS REQUIRED FOR EFFLUENT GRAVITY MAIN.
 3. ALL INTERIOR SURFACES (INCLUDING BENCH & TROUGH) OF MANHOLES TO BE PREPARED AND COATED WITH SEMPERCOAT PER MANUFACTURERS REQUIREMENTS.
 4. MANHOLE SHALL BE REPAIRED AND COATED PER SPECIFICATIONS.
 5. CONTRACTOR SHALL VERIFY ALL INVERTS AND MAINTAIN MINIMUM SLOPE REQUIREMENTS PER FDEP.

EXISTING WET WELL REHAB CONNECTION DETAIL

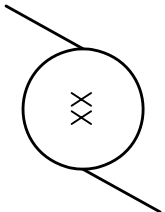
NTS

RTU
SS
SS/B
TS
TVSS
ZS

REMOTE TERMINAL UNIT
SOFT STARTER
SOFT START OR BYPASS
TEMPERATURE SWITCH
TRANSIENT VOLTAGE SURGE SUPPRE
POSTION SENSOR (LIMIT SWITCH)



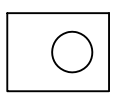
FUSE



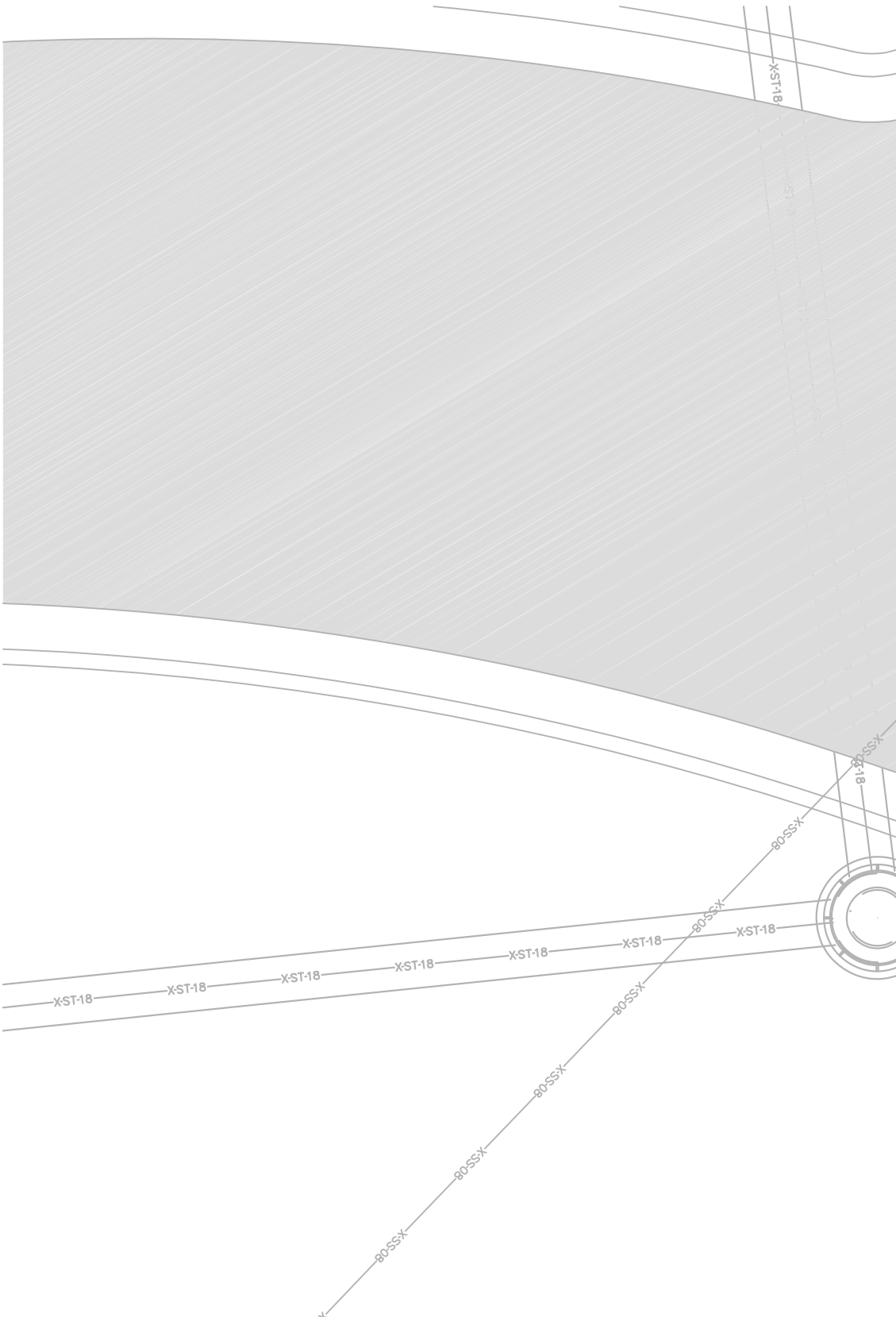
MOTOR



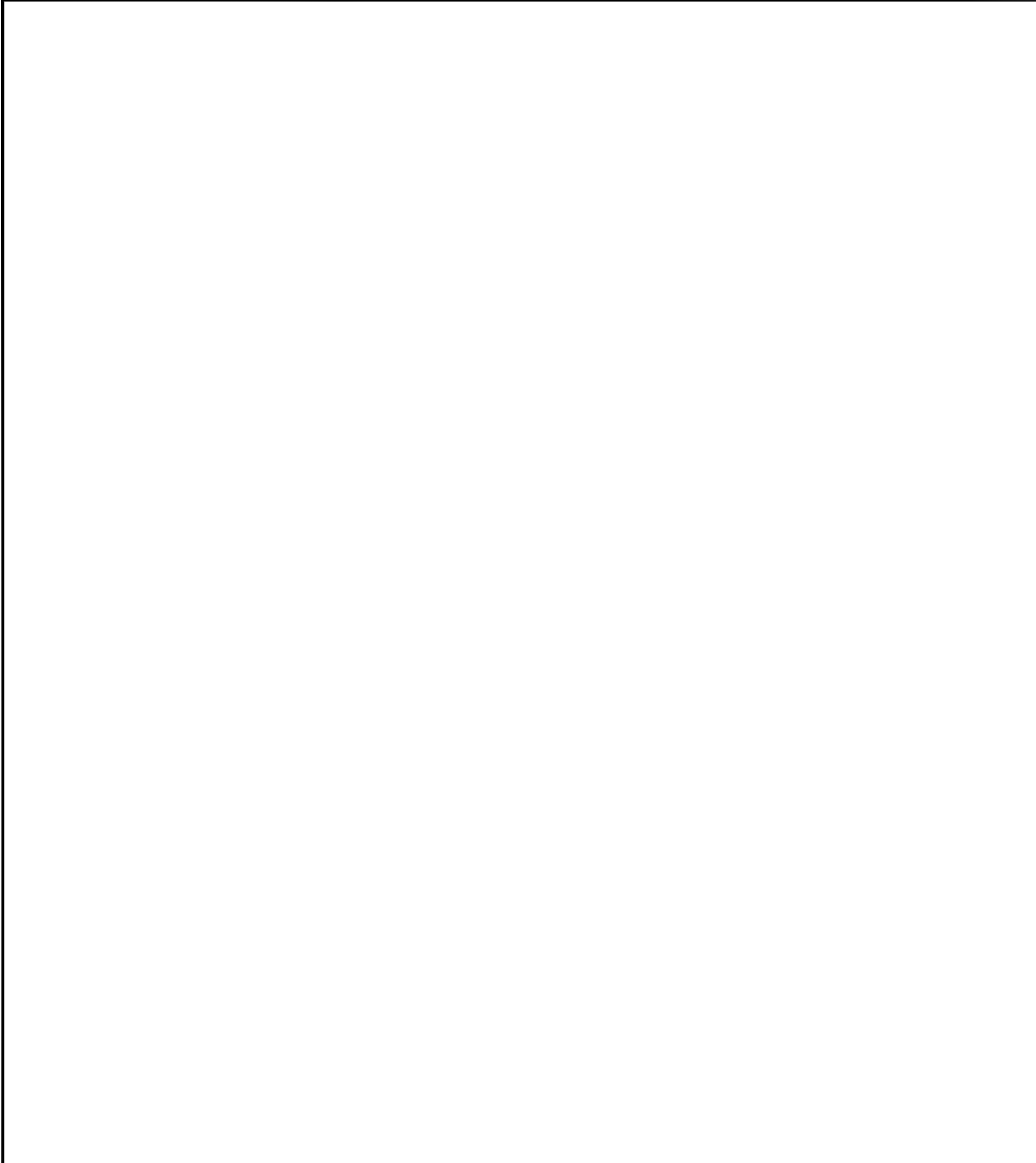
THERMAL OVERLOAD



UTILITY METER

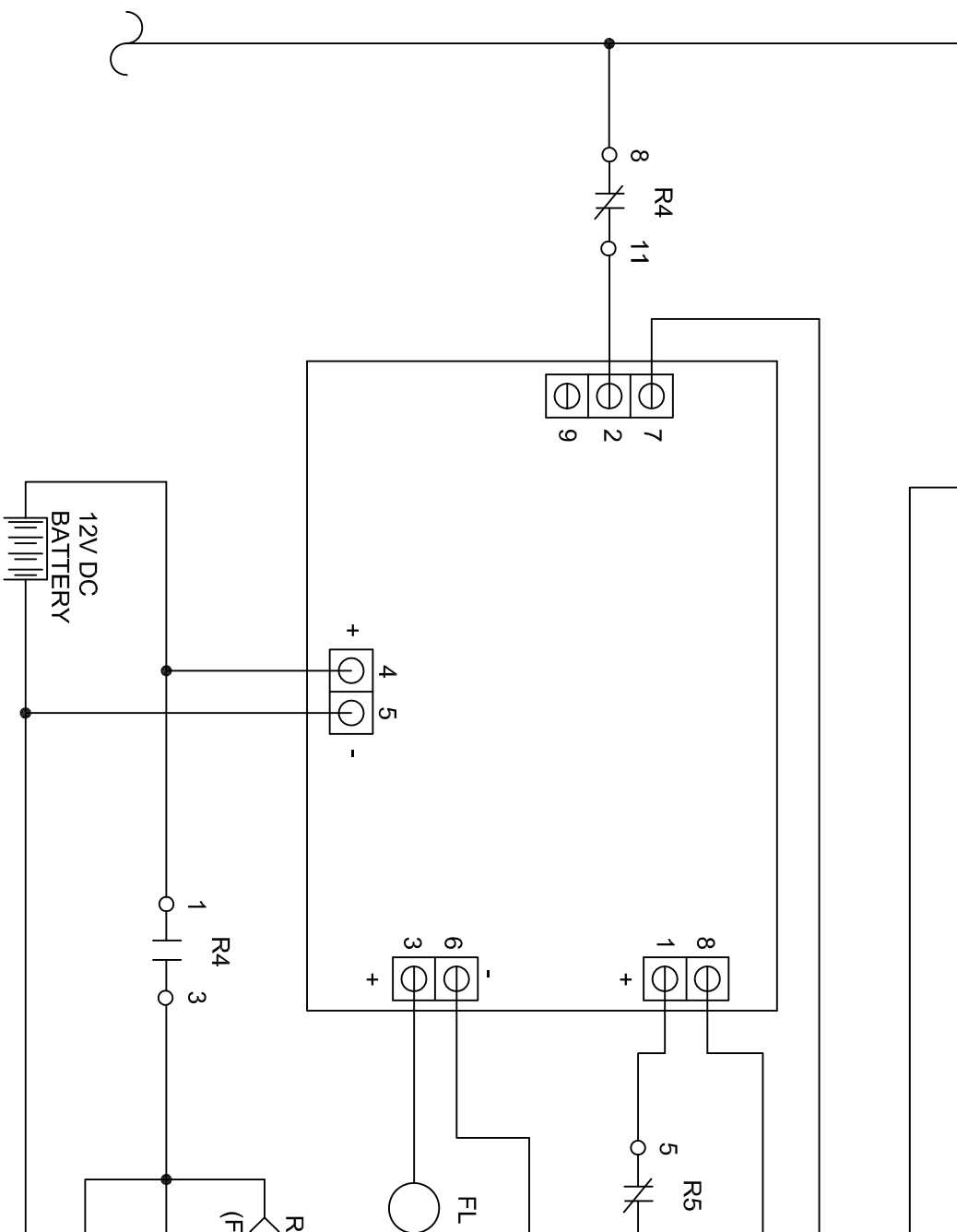


ELECTRICAL SITE PLAN
SCALE: AS SHOWN



NOTES:

1. OUTER BOX SIZE SHALL BE A MINIMUM OF 24"W x 36"H x 10"D OR A
2. FOR STATIONS WITH PUMPS RATED 20 HP OR GREATER, OUTER B 30"W x 42"H x 10" D AND SHALL HAVE 2 LATCHES ON THE DEAD FR
3. DRAWINGS SHALL BE REVISED FOR STATIONS WITH PUMPS RATE TO UTILITIES, INC. FOR APPROVAL.
4. PROVIDE EQUIPMENT FOR SCADA CONTROL CONNECTION. ALARM PACKET SYSTEM (NO SUBSTITUTES).
5. ALARM LIGHT, HORN AND SILENCE BUTTON AND GENERATOR REC ONLY. EXACT LOCATION TO BE DETERMINED BY CONTRACTOR.
6. ELECTRICAL CONTROLS FOR HIGH LEVEL DC ALARM TO HAVE ANY DIALER INSTALLATION. ALSO SPACE INSIDE PANEL TO ACCOMMO
7. 3-PHASE PROTECTION IS REQUIRED.
8. PROVIDE HOUR METER FOR EACH PUMP AND LOCATE INSIDE CON
9. STATIONS 20 HP AND BELOW MUST BE 240 VOLT WITH A PYLE NAT GENERATOR RECEPTACLE.
10. STATIONS ABOVE 20 HP MUST BE 480 VOLT WITH A PYLE NATIOA GENERATOR RECEPTACLE.
11. STATIONS 47 HP AND ABOVE ADD GENERATOR.



LOAD CALCULATIONS:

MOTORS:

PUMP NO. 1: 10.0 HP, 240 VAC, 3 ϕ , 28.0 A

PUMP NO. 2: 10.0 HP, 240 VAC, 3 ϕ , 28.0 A

MOTOR SUB-TOTAL 56.0 A

+ 25% OF LARGEST MOTOR 7.0 A

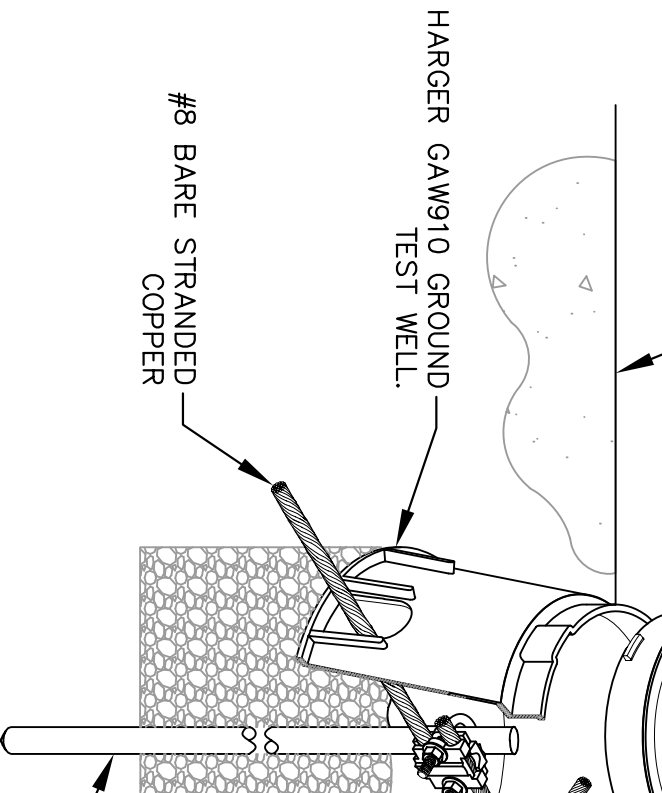
SUB-TOTAL 63.0 A

AUXILIARY EQUIPMENT 10.0 A

TOTAL MAXIMUM PHASE AMPERES 73.0 A

SERVICE SIZE:

100 A, 240 VAC, 3 ϕ , 4 - WIRE MINIMUM.



GROUND ROD TEST

SCALE: NOT TO SCALE