

CITY OF WINTER GARDEN, FLORIDA
Reclaimed Water Booster Pump Station at Avalon Road
PN 14-015

ADDENDUM #4

- THE FOLLOWING CHANGES HAVE BEEN MADE TO THE SUBMITTAL GUIDELINES FOR PN 14-015:

In addition to the documents listed in Addendum #3, each Bid must contain the following documents in completed form:

- a) Compliance with Florida Trench Safety Act (Section 00401A) (Original and two (2) copies)
- b) Acknowledgement of Addenda (Section 00401C) (Original and two (2) copies)
- c) General Contractor License and Certified Underground Utility/Excavation Contractor License (three (3) copies)

NOTE: Bid Bond (Section 00430) is attached. In lieu of the standard Bid Bond form provided, AIA Bid Bond is deemed acceptable.

- CLARIFICATIONS AND REVISIONS TO THE BIDDING DOCUMENTS

1. Ridge vents should be added to the metal roof.

- THE FOLLOWING CHANGES HAVE BEEN MADE TO THE PLANS:

- 1) Revision of Sheet A-2 – Building Elevations, dated 6/29/16, attached to this document.
- 2) Revision of Sheet I-3 – P & ID Details, dated 6/29/16, attached to this document.
- 3) Revision of Sheet E-2 – Pump Station Plan and Risers, dated 6/29/16, attached to this document.

- THE FOLLOWING CHANGES HAVE BEEN MADE TO THE PROJECT MANUAL:

- 4) Addition of SECTION 00430 – Bid Bond
- 5) Addition of SECTION 00401A – Compliance with Florida Trench Safety Act
- 6) Addition of SECTION 00401C – Acknowledgement of Addenda
- 7) Revision of SECTION 16915 - PROCESS INSTRUMENTATION AND CONTROLS – B. Panel Components – 9.o - Variable Frequency Drive:

Addition of paragraph iii as follows:

- iii. A complete drive and all related components shall be provided for the future pump.

Please direct all inquiries in writing to Elisabetta Natale at the WSP | Parsons Brinckerhoff office (e-mail: natale@pbworld.com).

END OF ADDENDUM #4

SECTION 00430

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____ as Principal, and _____ as Surety, are hereby held and firmly bound unto the City of _____, Florida as Owner in the penal sum of, (5 percent of the Contract Bid) _____ (written amount in dollars and cents) (\$ _____) (figures)

for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 20_____. The Condition of the above obligation is such that whereas the Principal has submitted to the City of _____, Florida a certain Bid, attached hereto and hereby made a part hereof to enter into a contract in writing, for the City of _____ - _____, City of _____, Bid No. _____.

NOW THEREFORE

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder any difference between the total amount of Bidder's bid and the total amount of the bid of the next lowest, responsible and responsive bidder as determined by Owner for the Work required by the Contract Documents, provided that:
 - 1.1 If there is no such next lowest, responsible and responsive bidder, and Owner does not abandon the Project, then Bidder and Surety shall pay to Owner the penal sum set forth on the face of this Bond, and
 - 1.2 In no event shall Bidder's and Surety's obligation hereunder exceed the penal sum set forth on the face of this Bond.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents, or

- 3.2 All bids are rejected by Owner, or
- 3.3 Owner fails to issue a Notice of Intent to Award to Bidder within ninety (90) days from the time and date fixed for the opening of Bids (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue notice of award agreed to in writing by Owner and Bidder, provided that the total time for issuing notice of award including extensions shall not in the aggregate exceed 120 days from Bid Due Date without Surety's written consent.
6. No suit or action shall be commenced under this bond prior to 30 calendar days after the notice of default required in paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid Due Date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond, a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable provision of any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "bid" as used herein includes a bid, offer or proposal as applicable.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

BIDDER:	Strike out (X) non-applicable signature block and complete applicable block. All signatures must have their names printed or type below their signature.
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If Bidder is <u>SOLE PROPRIETORSHIP</u> , complete this signature block.	
<p>_____</p> <p style="text-align: center;">(Individual's Signature)</p> <p>_____</p> <p style="text-align: center;">(Individual's Name)</p> <p>doing business as _____</p> <p>_____</p> <p style="text-align: center;">(Business Address)</p> <p>() _____</p> <p style="text-align: center;">(Telephone No.)</p> <p>_____ (Florida License No.)</p>	<p>(1) _____</p> <p style="text-align: center;">(Witness)</p> <p>(2) _____</p> <p style="text-align: center;">(Witness)</p> <div style="background-color: yellow; height: 150px; display: flex; align-items: center; justify-content: center; margin-top: 20px;"> <p>(SEAL)</p> </div>

If Bidder is **PARTNERSHIP**, complete this signature block.

<hr/> <p>(Partnership Name)</p>	(1) <hr/> <p>(Witness)</p>
<hr/> <p>(General Partner's Signature)</p>	(2) <hr/> <p>(Witness)</p>
<hr/> <p>(General Partner's Name)</p>	 <p>(SEAL)</p>
<hr/> <p>(Business Address)</p>	
<hr/> <p>()</p>	
<hr/> <p>(Telephone No.)</p> <hr/> <p>(Florida License No.)</p>	

If Bidder is a **CORPORATION**, complete this signature block.

<p>_____</p> <p>(Corporation Name)</p> <p>_____</p> <p>(State of Incorporation)</p> <p>By: _____</p> <p>(Name of person authorized to sign - see Note 1)</p> <p>_____</p> <p>(Title)</p> <p>_____</p> <p>(Authorized Signature)</p> <p>_____</p> <p>(Corporation President)</p> <p>_____</p> <p>(Business Address)</p> <p>() _____</p> <p>(Telephone No.)</p> <p>_____ (Florida License No.)</p>	<p>ATTEST:</p> <p>_____</p> <p>(Corporate Secretary Signature)</p> <p>_____</p> <p>(Corporate Secretary Name)</p> <p>_____</p> <p>(CORPORATE SEAL)</p>
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SURETY:

<p>_____</p> <p>(Surety Business Name)</p> <p>_____</p> <p>_____</p> <p>(Principal Place of Business)</p> <p>_____</p> <p>(Surety Agent's Signature - See Note 2)</p> <p>_____</p> <p>(Surety Agent's Name)</p> <p>_____</p> <p>(Surety Agent's Title)</p> <p>_____</p> <p>(Business Name of Local Agent for Surety)</p> <p>_____</p> <p>_____</p> <p>(Business Address of Local Agent)</p> <p>_____</p> <p>(Telephone No.)</p> <p>_____ (Bond Number)</p>	<p>WITNESS: (If Agent is not a Corporation)</p> <p>(1) _____</p> <p>(Witness)</p> <p>(2) _____</p> <p>(Witness)</p> <p>ATTEST: (If Agent is a Corporation)</p> <p>_____</p> <p>(Corporate Secretary Signature)</p> <p>_____</p> <p>(Corporate Secretary Name)</p> <div style="background-color: yellow; text-align: center; padding: 20px;"> <p>(CORPORATE SEAL)</p> </div>
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NOTES:

1. Complete and attach "Corporate Authority to Execute Documents" if executed by any corporate employee other than president or vice-president.
2. Complete and attach a certified copy of "Power-of-Authority" prepared by Surety appointing individual "Attorney-in-Fact" for execution of Bid Bond on behalf of Surety and corresponding notarized "Attorney-in-Fact".
3. Above addresses are to be used for giving required notice.
4. Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.
5. Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

**CORPORATE AUTHORITY
TO EXECUTE DOCUMENTS**

I HEREBY CERTIFY that a meeting of the Board of Directors of _____

(Contractor's Corporate Name)
a corporation under the laws of the State of _____, held on the _____
day of _____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that _____
(signature of individual) (typed name of individual)
as _____ of the corporation, is hereby authorized to execute
and _____
(title)
all documents required to be signed by an officer of the Corporation in order to submit a valid
bid, contract and bond for _____ (project name) _____ (Bid No.)
between the CITY OF _____, a municipal corporation, and this corporation, and that
his execution thereof, attested by the Secretary of the corporation and with corporate seal
affixed shall be the official act and deed of this corporation."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the
corporation this _____ day of _____, 20_____.

(CORPORATE SEAL)

(Corporate Secretary)

STATE OF _____)

ss

COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 20___ by _

(name of officer or agent, title of officer or agent), of _____

(name of corporation acknowledging), a _____
_____(state or place of incorporation) corporation, on behalf of the corporation. He/She is personally
known to me or has produced identification _____ (type of
identification) as identification and did/did not take an oath.

(Notary Public)

My Commission Expires: _____

ATTORNEY-IN-FACT AFFIDAVIT

STATE OR COMMONWEALTH OF _____)

COUNTY OR CITY OF _____)

ss

Before me, a Notary Public, personally came _____ known
to me, and known to be the Attorney-in-Fact of _____, a _____
(Surety Company)

_____ Corporation, which executed the attached bond as surety, who
(State)

deposed and said that his signature and the corporate seal of said _____
(Surety Company)

were affixed by order and authority of said Company's Board of Directors, and that the execution
of the attached bond is the free act and deed of _____.
(Surety Company)

Given under my hand and seal this _____ day of _____, 20____.

(Notary Public)

My Commission Expires _____.

END OF SECTION

SECTION 00401A

COMPLIANCE WITH FLORIDA TRENCH SAFETY ACT
(90-96, LAWS OF FLORIDA)

Bidder hereby acknowledges that all costs for complying with the Florida Trench Safety Act are included in the various items of the bid and in the Lump Sum Total Bid Price shown in Section 00400 - Bid Form, "Schedule of Bid Items." For informational purposes only, the bidder is required to further identify these costs in the summary below.

	Trench Safety Measure (Description)	Unit of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A				\$	\$
B				\$	\$
C				\$	\$
D				\$	\$
				TOTAL	\$

BIDDER: _____

SIGNED: _____

BY: _____
(Print or type name)

TITLE: _____

DATE: _____

THIS IS NOT A PAY ITEM: The purpose of this form is to gather information on the costs associated with trench safety measures and to insure that the Bidder has considered these costs and included them in the Lump Sum Total Bid price. Contractor will not receive additional payment if actual quantities differ from those estimated or if the Contractor uses a safety measure different than those listed.

(Failure to Complete This Form May Result in the Bid Being Declared Non-Responsive.)

END OF SECTION

SECTION 00401C

ACKNOWLEDGEMENT OF ADDENDA

Bidder hereby acknowledges receipt of the following addenda:

Addendum No.	Received Date
1	6/4/2016
2	6/18/2016
3	6/28/2016
4	6/29/2016

BIDDER: _____

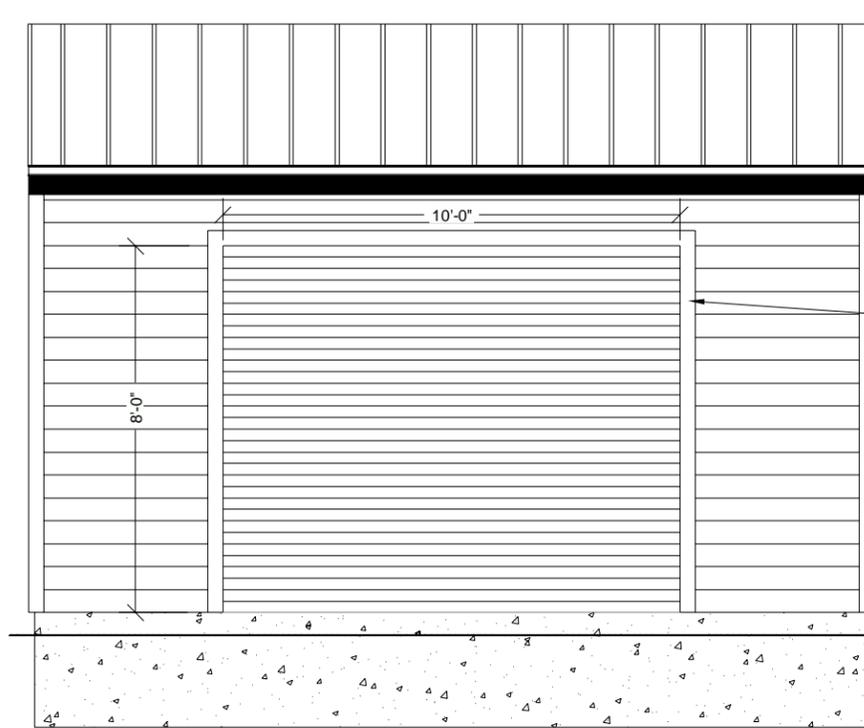
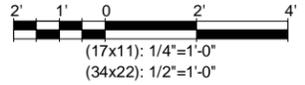
SIGNED: _____

BY: _____
(Print or type name)

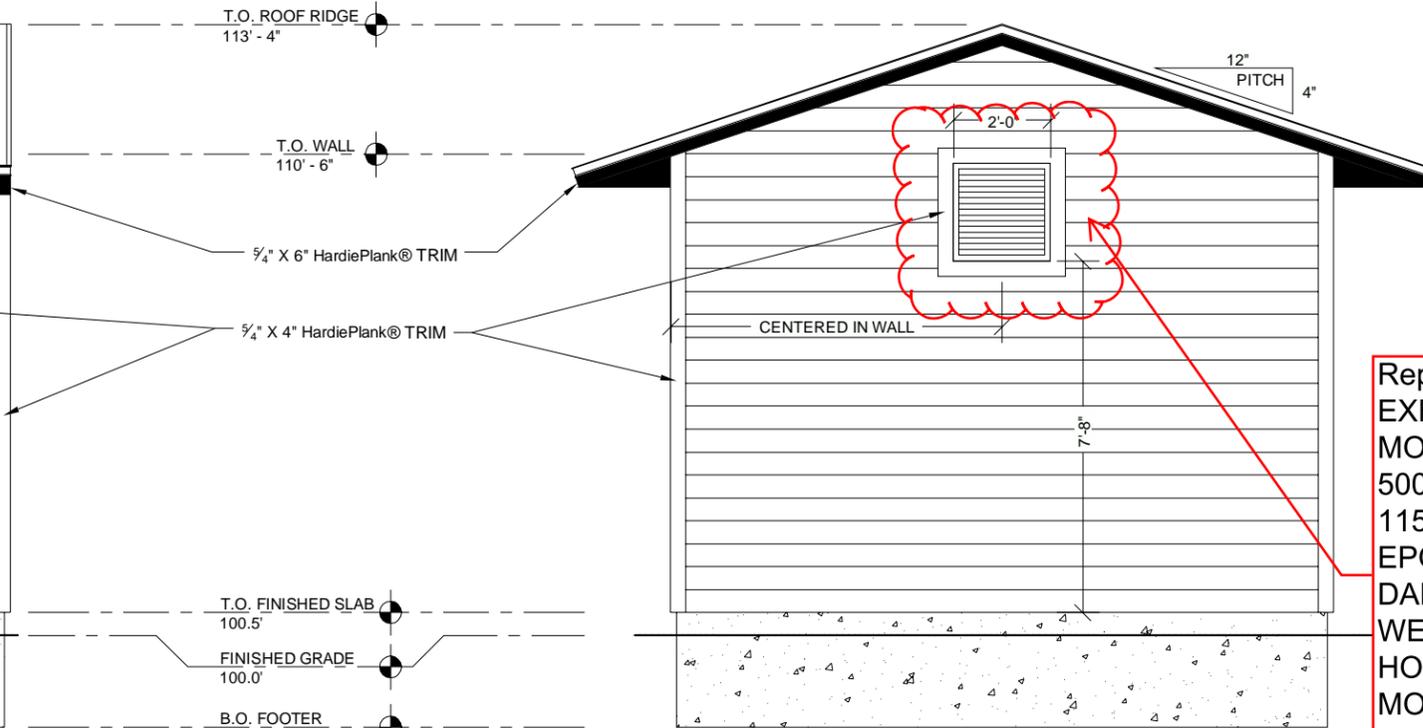
TITLE: _____

DATE: _____

END OF SECTION



ELEVATION EAST

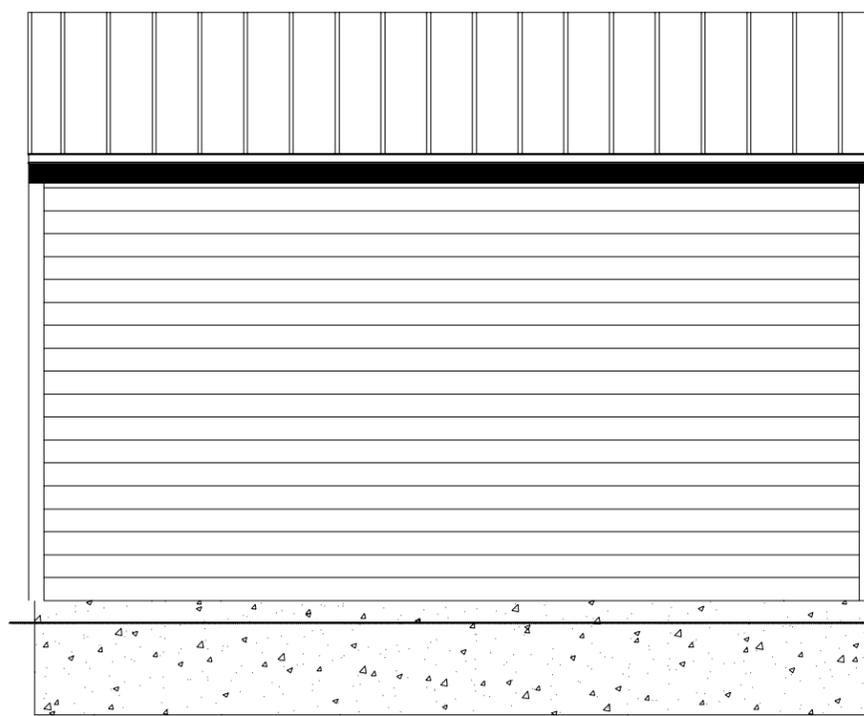


ELEVATION SOUTH

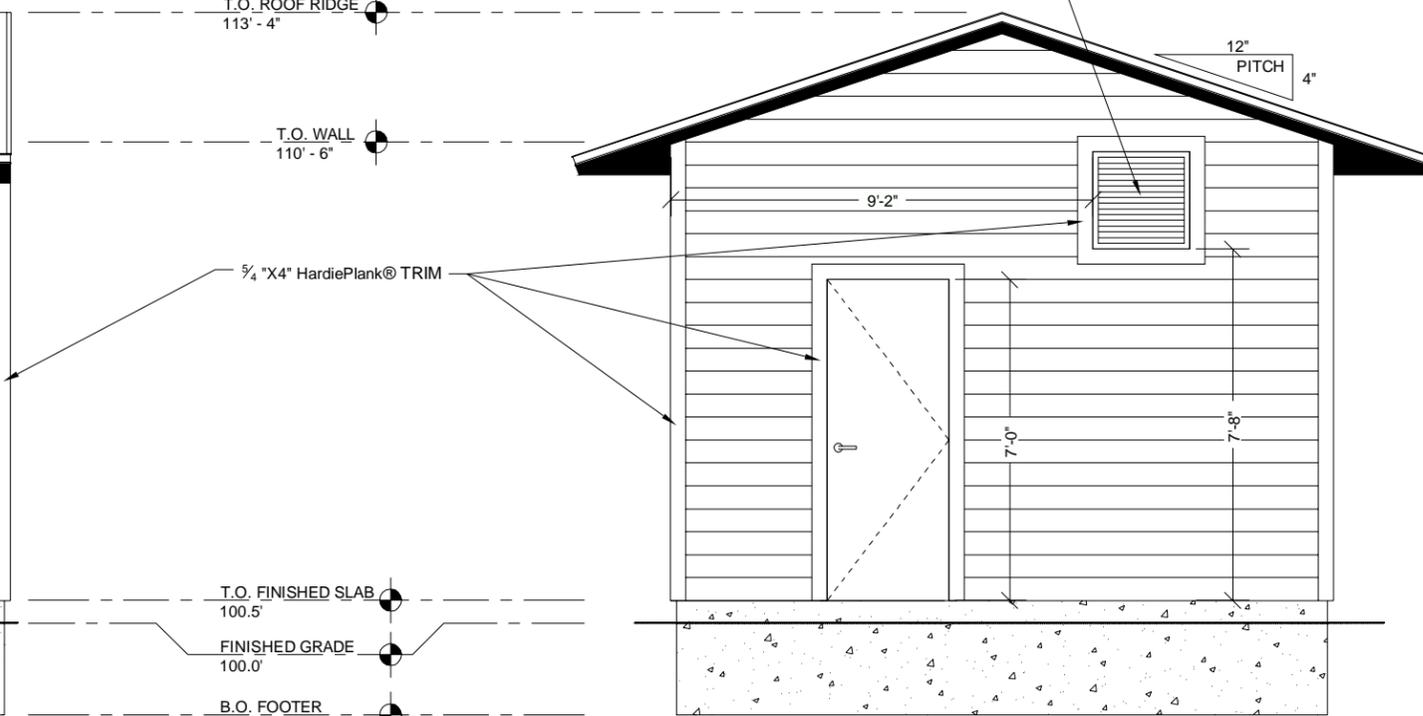
Replace louver with exhaust fan. EXHAUST FAN SHALL BE WALL MOUNTED, PROPELLER TYPE, 500 CFM, .2" WG, DIRECT DRIVE, 115V MOTOR, DISC. SW., EPOXY COATED, GRAVITY DAMPER, 45 DEGREE WEATHERHOOD AND WALL HOUSING, LINE T-STAT, AND MOTOR GUARD AS MANUFACTURED BY GREENHECK SE1 OR EQUAL.

louver vent should be anodized aluminum with stainless steel removable insect screens, dark bronze

2' x 2' GALVANIZED STEEL OR ALUMINUM LOUVER VENT (TYP.)



ELEVATION WEST



ELEVATION NORTH

Addendum #4
6/29/2016

No.	Revision	Date

Designed by TSP/ADS
Drawn by ADS
Checked by DAP
Approved by [Signature] Date May 2016
Project Title

Reclaimed Water Booster Pump Station at Avalon Rd



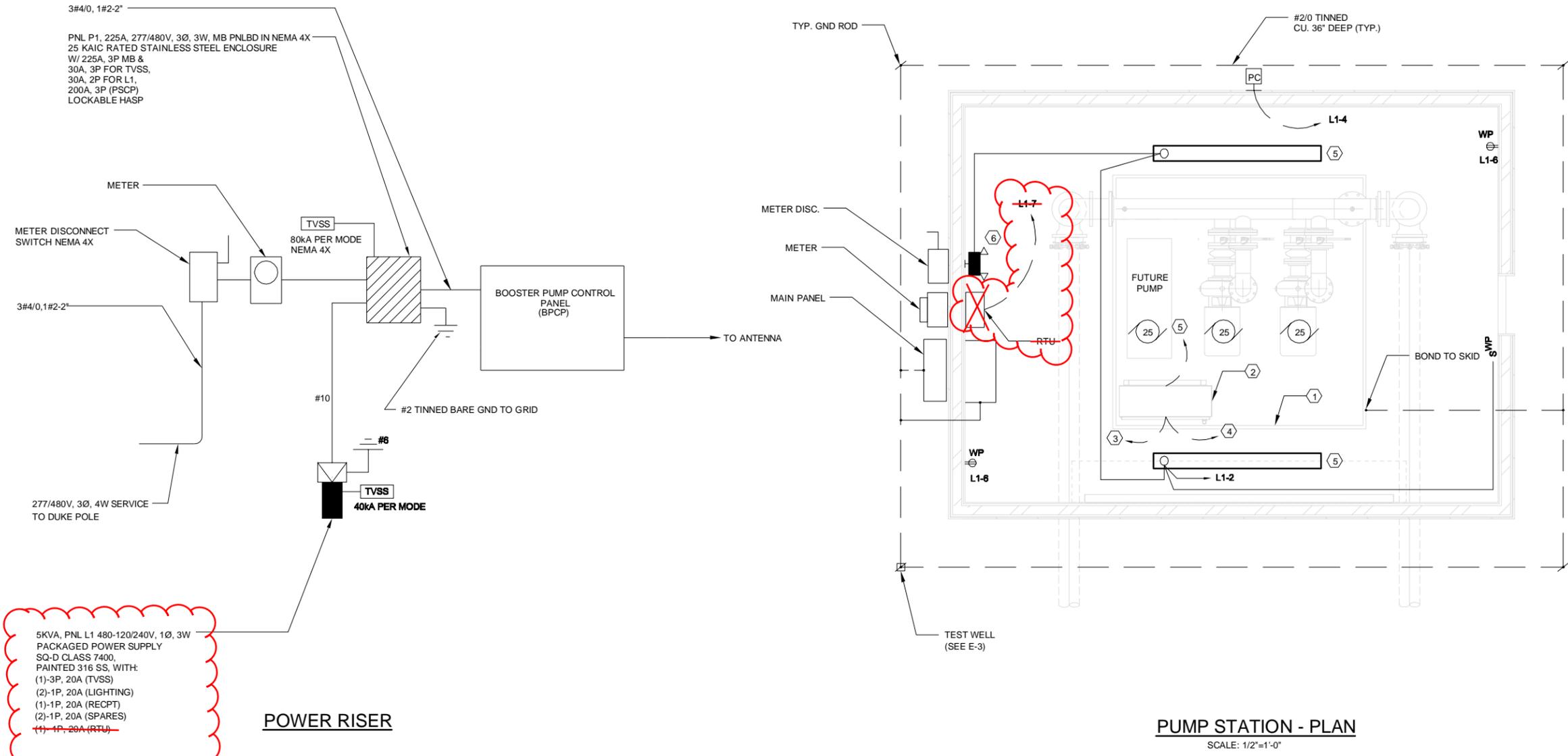
Drawing Title

Building Elevations

Drawing Number	A-2
Sheet of	6 of 15
Project Number	173820B

Elisabetta Natale
Project Manager

T:\WAT\Winter Garden\BPS\PanelElectrical\EM2 RISER.dwg
Last Saved By: mhoanshelt
Last Updated: 31 May 2016 - 1:18pm



5KVA, PNL L1 480-120/240V, 1Ø, 3W
PACKAGED POWER SUPPLY
SQ-D CLASS 7400,
PAINTED 316 SS, WITH:
(1)-3P, 20A (TVSS)
(2)-1P, 20A (LIGHTING)
(1)-1P, 20A (RECPT)
(2)-1P, 20A (SPARES)
~~(1)-1P, 20A (RTU)~~

POWER RISER

PUMP STATION - PLAN

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

BOOSTER PUMP STATION Electrical Load Calculations			
Ref: NEC 70			
Available Voltage 277/480V - 3 Phase, 4 Wire, Wye, Solid Ground			
Maximum Available Fault Current = Amperes at Transformer Secondary			
Load	Phase A Amps	Phase B Amps	Phase C Amps
Pump #1-25 HP	34.0	34.0	34.0
Pump #2-25 HP	34.0	34.0	34.0
Pump #3-25 HP	34.0	34.0	34.0
Misc. Controls & SCADA (At 480 Volts)	5.0	5.0	
25% Largest Motor	9.0	9.0	9.0
Total	116.0	116.0	111.0
Service Size Selected = 225Amperes			

- SHEET NOTES**
- ① FACTORY WIRED PUMP SKID
 - ② PUMP STATION CONTROL PANEL **FURNISHED BY CONTROL SYSTEM SUPPLIER SPECIFIED IN SECTION 16900**
 - ③ 30#14-1" TO RTU
 - ④ (10)-2/C#16SH-1-1/2" ALUM TO RTU
 - ⑤ 4" VAPORTIGHT FLUORIDE W/ T-8 LAMP, UL WET LOCATION 120V ESB.
 - ⑥ NEMA 4X BATTERY LIGHT, W/ TEST SW. UL LISTED.

Issued for
Bidding



No.	Revision	Date
	Addendum #4	6/29/2016

Designed by: WCH
Approved by: WCH
Drawn by: DJK
Date: May 2016
Checked by: WCH

Project Title
Reclaimed Water Booster Pump Station at Avalon Rd



Drawing Title
Pump Station Plan and Risers

Drawing Number
E-2

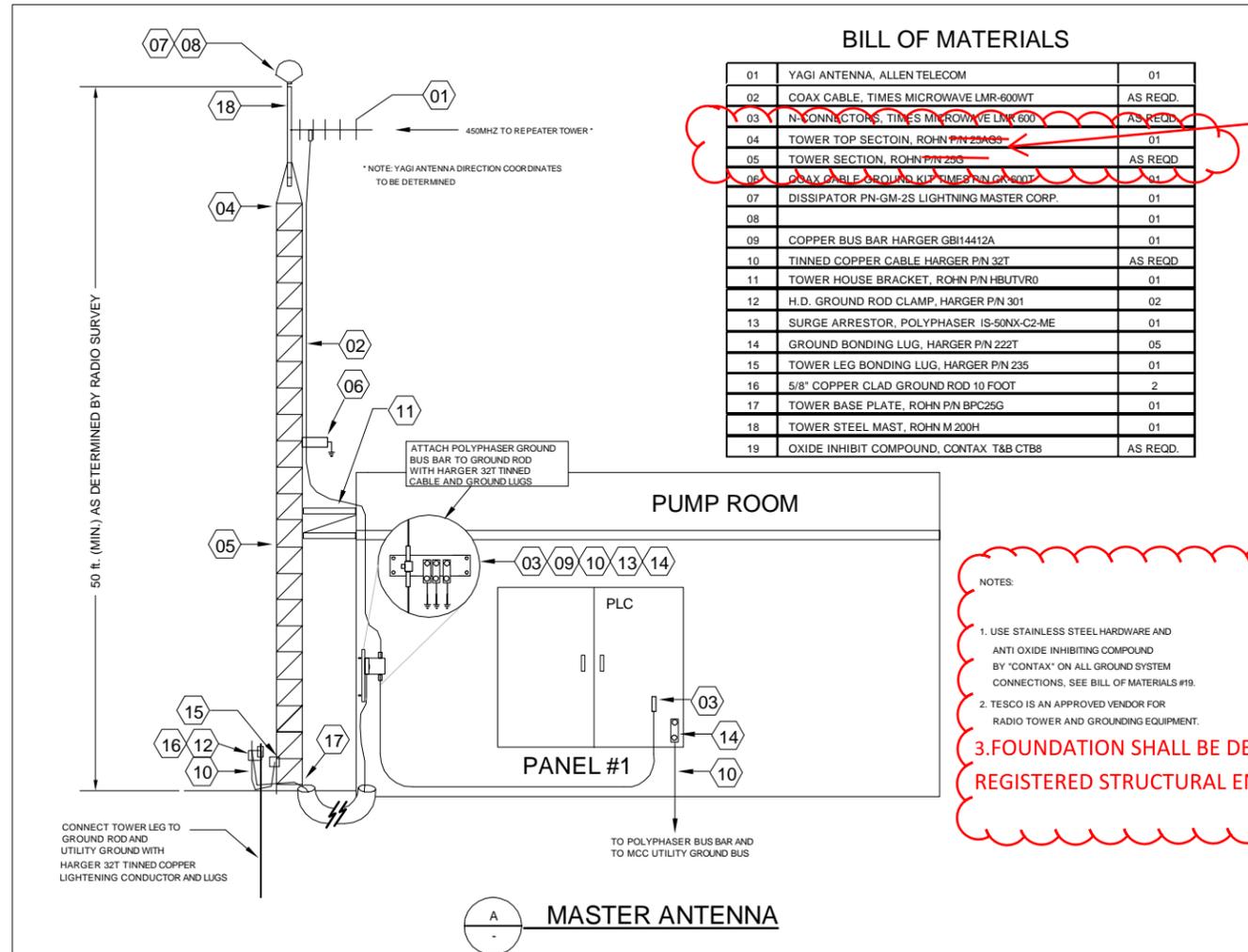
Sheet of
11 of 15

DATE:
Willard Hoanshelt
Electrical Engineer

Project Number
173820B

Elisabetta Natale
Project Manager

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 Last Saved By: mhoanshelt
 Last Updated: 10 May 2016 - 10:53am



Issued for
Bidding



No.	Revision	Date
	Addendum #4	6/29/2016

Designed by: WCH
 Drawn by: DJK
 Checked by: WCH
 Approved by: [Signature]
 Date: May 2016

Project Title
Reclaimed Water Booster Pump Station at Avalon Rd



Drawing Title
P & ID Details

Drawing Number
I-3

Sheet of
 15 of 15

DATE:
 Willard Hoanshelt
 Electrical Engineer

Project Number
 173820B

Elisabetta Natale
 Project Manager