

Request for Quote (RFQ)
For Participation in
Pony Pump Upgrade Remote Terminal Unit (RTU) Back Panel Construction Services
for



Jacksonville, FL
Request for Quote Number 96695

Quotes are due on March 12, 2019 by 12:00 PM EST

E-Mail quotes to David King: kinggd@jea.com
JEA Procurement Services

Table of Contents

1.	INVITATION.....	4
1.1.	SCOPE OF WORK.....	4
1.2.	QUESTIONS (RFQ).....	4
1.3.	INVITATION (RFQ).....	4
	SPECIAL INSTRUCTIONS	Error! Bookmark not defined.
1.4.	MINIMUM QUALIFICATIONS - RFQ	4
1.5.	COMPETITIVE BIDDING-REQUEST FOR QUOTE.....	5
1.6.	NUMBER OF CONTRACTS TO BE AWARDED	5
1.7.	REQUIRED FORMS TO SUBMIT WITH BID - REQUEST FOR QUOTE	5
1.8.	OPTIONAL USE OF JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM	5
1.9.	SAFETY QUALIFICATION REQUIREMENTS.....	6
1.10.	TIME.....	6
1.10.1.	PROTEST OF BIDDING AND AWARD PROCESS	6
1.11.	SUNSHINE LAW	6
2.	GENERAL INSTRUCTIONS.....	7
2.1.	ADDENDA (REQUEST FOR QUOTE).....	7
2.2.	UNABLE TO SUBMIT A BID FORM (RFQ).....	7
2.3.	ETHICS.....	7
2.4.	SUBCONTRACTORS.....	8
2.5.	EX PARTE COMMUNICATION-RFQ	8
2.6.	START OF WORK.....	8
3.	CONTRACT TERMS AND CONDITIONS.....	8
3.1.	DEFINITIONS.....	8
3.1.1.	ACCEPTANCE	8
3.1.2.	AWARD	9
3.1.3.	BIDDER-RFQ	9
3.1.4.	PURCHASE ORDER (PO)	9
3.1.5.	FINAL COMPLETION	9
3.1.6.	SUBSTANTIAL COMPLETION (DEFINITION)	9
3.2.	PAYMENTS	9
3.2.1.	PAYMENT METHOD – LUMP SUM	9
3.2.2.	INVOICING AND PAYMENT TERMS	9
3.3.	WARRANTIES AND REPRESENTATIONS	10
3.3.1.	WARRANTY (CONSTRUCTION).....	10
3.4.	INSURANCE, INDEMNITY, RISK OF LOSS & LIQUIDATED DAMAGES.....	11
3.4.1.	INDEMNIFICATION (JEA STANDARD)	11
3.4.2.	INSURANCE	11
3.4.3.	TITLE AND RISK OF LOSS.....	12
3.5.	ACCEPTANCE	12
3.5.1.	ACCEPTANCE OF WORK - RECEIPT, INSPECTION, USAGE AND TESTING	12
3.6.	TERM AND TERMINATION	12
3.6.1.	TERMINATION FOR CONVENIENCE.....	12
3.6.2.	TERMINATION FOR DEFAULT.....	13
3.6.3.	TERM OF CONTRACT - THROUGH COMPLETION OF WORK	14
3.7.	MISCELLANEOUS PROVISIONS	14
3.7.1.	AMENDMENTS	14
3.7.2.	DISPUTES.....	14
3.7.3.	JEA ACCESS BADGES	14
3.7.4.	ASSIGNING OF CONTRACT	14
3.7.5.	NONEXCLUSIVE	15
3.7.6.	APPLICABLE STATE LAW; VENUE; SEVERABILITY.....	15
3.8.6.	CONTINUING THE WORK	15
4.	TECHNICAL SPECIFICATIONS/DETAILED SCOPE OF WORK.....	15
4.1.	TECHNICAL SPECIFICATIONS AND DRAWINGS (APPENDIX A)	15
5.	FORMS.....	15

5.1. FORMS (APPENDIX B)15

Solicitation

1. INVITATION

1.1. SCOPE OF WORK

The selected Contractor shall provide self-contained control panels as described herein according to all JEA Water and Sewer Standards Section 433 and the provided drawings. Panels shall be fabricated and properly stored at the Contractor's facility until delivery to the appropriate JEA facility. All work will be in accordance to all applicable design and construction standards and regulations.

Further information can be found in Appendix A - Technical Specifications.

1.2. QUESTIONS (RFQ)

All questions shall be submitted in writing to the JEA Buyer listed below at least three (3) business days prior to the Bid opening date. Questions not received three (3) days prior to the Bid opening date will not be answered.

For Procurement Related Questions:

Buyer: David King

Email: kinggd@jea.com

For Technical Related Questions:

Contact: Ariss Fajardo

Email: fajaaj@jea.com

1.3. INVITATION (RFQ)

You are invited to submit a Bid in response to the Request for Quote (RFQ) noted below:

JEA RFQ Title: Pony Pump Upgrade RTU Back Panel Construction Services

JEA RFQ Number: 96695

To obtain more information about this RFQ, download a copy of the RFQ, PDF quality drawings (if applicable) and any required forms at jea.com.

Bid Due Date: March 12, 2019

Bid Due Time: 12:00 PM EST

All bids shall be submitted on the appropriate Bid forms that are included in this RFQ and are also available at jea.com. All bids submitted electronically shall reference the RFQ Title in the subject line of the email.

Please submit the Bid Form and other related documentation to:

Buyer Name: David King

Buyer Email: kinggd@jea.com

The Bidder shall be solely responsible for delivery of its bid to the JEA Buyer.

1.4. MINIMUM QUALIFICATIONS - RFQ

Bidder shall have the following Minimum Qualifications to be considered eligible to submit a Bid in response to this Request for Quote. **JEA reserves the right to ask for additional back up documentation or additional reference projects to confirm the Bidder meets the requirements stated below.** Please use the Minimum Qualifications Form in Appendix B to show the requirements below.

- Bidder must be an approved JEA Control Panel fabricator.

Please note, any Bidder whose contract with JEA was terminated for default within the last two (2) years shall not be determined to be a responsible Bidder and their Bid will be rejected.

1.5. COMPETITIVE BIDDING-REQUEST FOR QUOTE

The Bidder shall submit its Bid in response to this Solicitation no later than the Bid due date and time indicated herein. JEA will subsequently review Bids to determine if they meet the minimum qualifications as stated in this Solicitation. JEA will Award the Contract to the lowest responsive and responsible Bidder whose Bid meets or exceeds the minimum qualifications, and whose Bid Price represents the lowest cost to JEA.

NO EXCEPTIONS ARE ALLOWED IN A REQUEST FOR QUOTE. IF THE BIDDER OBJECTS IN ANY MANNER TO THE TERMS AND CONDITIONS OR TECHNICAL SPECIFICATIONS, THE OBJECTION MUST BE ADDRESSED IN WRITING FIVE (5) BUSINESS DAYS PRIOR TO THE BID OPENING DATE, AND THE OBJECTION MAY BE ADDRESSED IN AN ADDENDUM IF JEA BELIEVES THAT A CLARIFICATION OR CHANGE IS NECESSARY. ANY MODIFICATIONS, EXCEPTIONS OR OBJECTIONS STATED WITHIN THE BID DOCUMENTS SHALL SUBJECT THE BID TO BE REJECTED.

1.6. NUMBER OF CONTRACTS TO BE AWARDED

JEA intends to award one (1) Contract for the Work. JEA reserves the right to award more than one Contract based on certain groupings of the Work items, or JEA may exclude certain Work items, if JEA determines that it is in its best interest to do so.

1.7. REQUIRED FORMS TO SUBMIT WITH BID - REQUEST FOR QUOTE

To submit a Bid in response to this RFQ, all of the forms listed below must be completed and submitted as part of the Bid. The Bidder must obtain the required forms, other than the Bid Form, Bid Workbook, and the Minimum Qualification Form which is attached, by downloading them from JEA.com. If the Bidder fails to complete or fails to submit one or more of the required forms, the Bid may be rejected.

The following forms are required to be submitted at the time of Bid:

- o Bid Form (including acknowledgement of all addenda) - This form can be found in Appendix B
- o List of JSEB Certified Firms (if applicable)
- o Subcontractor Form (if applicable).

If the above listed forms are not submitted with the Bid by the Bid Due Time on the Bid Due Date, JEA may reject the Bid.

JEA also requires the following documents to be submitted prior to issuance of a JEA Purchase Order or Blanket Purchase Agreement. A Bid will not be rejected if these forms are not submitted at the Bid Due Time and Date. However, failure to submit these documents prior to awarding work could result in Bid rejection.

- o Conflict of Interest Certificate Form
- o Insurance Certificate
- o W-9
- o Evidence of active registration with the State of Florida Division of Corporations (www.sunbiz.org)
- o Any technical submittals as required by the Technical Specifications.

1.8. OPTIONAL USE OF JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM

It is at the Bidder's option as to whether it chooses to subcontract to a JSEB firm. JEA encourages the use of JSEB firms; however, the Bidder is not required to utilize a JSEB to be awarded this Contract.

For more information regarding the JSEB program, please contact Rita Scott, JEA, JSEB Manager, scotrl@jea.com.

1.9. SAFETY QUALIFICATION REQUIREMENTS

Bidder shall be approved as JEA Safety Qualified within ten (10) business days of receiving written notice from the JEA Bid Office that it is the lowest responsive and responsible Bidder. If the Bidder fails to obtain JEA approval as a JEA Safety Qualified company by 4:00 PM Eastern Time on the 10th business day, JEA may reject the company's Bid, and proceed to Award to the next lowest responsive and responsible Bidder.

JEAs Safety Qualification information is available online at jea.com. Please note that it may take up to five (5) business days for a company to be approved as JEA Safety Qualified. It is the Bidder's responsibility to ensure it is JEA Safety Qualified. A list of the JEA's Safety Qualified vendors can be found on jea.com. For additional information, contact Jerry Fulop at (904) 665-5810.

1.10. TIME

In computing any period of time prescribed or allowed by this solicitation, the day of the act, event, or default from which the designated period of time begins to run shall not be included. The last day of the period so computed shall be included unless it is a Saturday, Sunday, or JEA holiday, in which event the period shall run until the end of the next day which is neither a Saturday, Sunday, or JEA holiday.

1.10.1. PROTEST OF BIDDING AND AWARD PROCESS

Companies shall file any protests regarding this Solicitation in writing, in accordance with the JEA Procurement Code, as amended from time to time. The JEA Procurement Code is available online at jea.com.

1.11. SUNSHINE LAW

General.

Article I, Section 24, Florida Constitution, guarantees every person access to all public records and Chapter 119, Florida Statutes, provide a broad definition of public records. JEA is a body politic and corporate and subject to these laws and related statutes ("Florida's Public Records Laws"). All bids or purchase orders issued pursuant to this Solicitation are public records and available for public inspection unless specifically exempt by law.

IF A BIDDER/PROPOSER HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

JEAs

Attn: Public Records

21 West Church Street

Jacksonville, Florida 32202

Ph: 904-665-8606

publicrecords@jea.com

Redacted Submissions.

If a Bidder/Proposer believes that any portion of the documents, data or records submitted in response to this Solicitation are exempt from Florida's Public Records Law, Bidder/Proposer must (1) clearly segregate and mark the specific sections of the document, data or records as "Confidential," (2) cite the specific Florida Statute or other legal authority for the asserted exemption, and (3) provide JEA with a separate redacted copy of its response (the "Redacted Copy"). The cover of the Redacted Copy shall contain JEA's title and number for this Solicitation and Bidder's name, and shall be clearly titled "Redacted Copy." Bidder/Proposer should only redact those portions of records that Bidder/Proposer claims are specifically exempt from disclosure under Florida's Public Records Laws. If Bidder/Proposer fails to submit a redacted copy of information it claims is confidential, JEA is authorized to

produce all documents, data and other records submitted to JEA in answer to a public records request for such information.

In the event of a request for public records to which documents that are marked as confidential are responsive, JEA will provide the Redacted Copy to the requestor. If a requestor asserts a right to any redacted information, JEA will notify Bidder/Proposer that such an assertion has been made. It is Bidder's/Proposer's responsibility to respond to the requestor to assert that the information in question is exempt from disclosure under applicable law. If JEA becomes subject to a demand for discovery or disclosure of Bidder's/Proposer's redacted information under legal process, JEA shall give Bidder/Proposer prompt notice of the demand prior to releasing the information (unless otherwise prohibited by applicable law.) Bidder/Proposer shall be responsible for defending its determination that the redacted portions of its response are not subject to disclosure.

By submitting a response to this Solicitation, Bidder/Proposer agrees to protect, defend and indemnify JEA from and against all claims, demands, actions, suits, damages, liabilities, losses, settlements, costs and expenses (including but not limited to reasonable attorney fees and costs) arising from or relating to Bidder's/Proposer's determination that the redacted portions of its response to this Solicitation are not subject to disclosure.

2. GENERAL INSTRUCTIONS

2.1. ADDENDA (REQUEST FOR QUOTE)

JEA may issue Addenda prior to the Bid Due date to revise, in whole or in part, or clarify the intent or requirements of the RFQ. The Bidder shall be responsible for ensuring it has received all Addenda prior to submitting its Bid and shall acknowledge receipt of all Addenda by indicating where requested on the Bid Form. JEA will post Addenda online at jea.com. Bidder will receive and email from the Buyer with any Addenda or Bidder may obtain Addenda from the JEA website.

All Addenda will become part of the RFQ and any resulting Contract Documents. It is the responsibility of each Company to ensure it has received and incorporated all Addenda into its Bid. Failure to acknowledge receipt of Addenda may be grounds for rejection of a bid.

2.2. UNABLE TO SUBMIT A BID FORM (RFQ)

If you elect not to submit a Bid in response to this RFQ, please complete the Unable to Submit Bid Form, available for download at jea.com. Please email the completed Unable to Submit Bid Form to the JEA Buyer indicated in this RFQ. Do not return the entire RFQ package, simply return the Unable to Submit Bid Form.

2.3. ETHICS

By signing the Bid Document, the Bidder certifies this Bid is made without any previous understanding, agreement or connection with any other person, firm, or corporation submitting a Bid for the same Work other than as a Subcontractor or supplier, and that this Bid is made without outside control, collusion, fraud, or other illegal or unethical actions. The Bidder shall comply with all JEA and City of Jacksonville ordinances, policies and procedures regarding business ethics.

The Bidder shall submit only one Bid in response to this Solicitation. If JEA has reasonable cause to believe the Bidder has submitted more than one Bid for the same Work, other than as a Subcontractor or subsupplier, JEA shall disqualify the Bid and may pursue debarment actions.

The Bidder shall disclose the name(s) of any public officials who have any financial position, directly or indirectly, with this Bid by completing and submitting the Conflict of Interest Certificate Form found at jea.com. If JEA has reason to believe that collusion exists among the Bidders, JEA shall reject any and all Bids from the suspected Bidders and will proceed to debar Bidder from future JEA Awards in accordance with the JEA Procurement Code.

JEA is prohibited by its Charter from awarding contracts to JEA officers or employees, or in which a JEA officer or employee has a financial interest. JEA shall reject any and all Bids from JEA officers or employees, as well as, any and all Bids in which a JEA officer or employee has a financial interest.

In accordance with Florida Statutes Sec. 287.133, JEA shall reject Bids from any persons or affiliates convicted of a public entity crime as listed on the Convicted Vendor list maintained by the Florida Department of Management Services. JEA shall not make an Award to any officer, director, executive, partner, shareholder, employee, member, or agent active in management of the Bidder listed on the Convicted Vendor list for any transaction exceeding \$35,000 for a period of 36 months from the date of being placed on the Convicted Vendor list.

If the Bidder violates any requirement of this clause, the Bid may be rejected and JEA may debar offending companies and persons.

2.4. SUBCONTRACTORS

JEA shall specify the major Subcontractors that the Company must list is the Company intends to use a Subcontractor to perform a portion of the Work, unless the Work will be self-performed by the Company.

The Subcontractors that JEA requires to be listed is stated in the Section titled "Required Forms to Be Submitted with the Bid". The major Subcontractors shall be listed on the Subcontractors Form which is available at jea.com. Failure of the Company to submit the required Subcontractor information on the form with its Bid shall result in rejection of the Company's Bid.

The Company shall not use Subcontractors and subsuppliers/shop fabricators other than those shown on the Subcontractor Form unless it shows good cause and obtains the JEA Representative's prior written consent.

If the Company plans to use Subcontractors or subsupplier/shop fabricators to perform over 50% of the Work, the Company shall obtain JEA's approval at least five (5) days prior to the Bid/Proposal Due Date. Failure to obtain JEA approval will disqualify the Company and result in rejection of Company's Bid/Proposal

2.5. EX PARTE COMMUNICATION-RFQ

Ex Parte Communication is defined as any inappropriate communication concerning a RFQ or IFB between a company submitting a Bid or Proposal and a JEA representative during the time in which the RFQ or IFB is being advertised through the time of Award. Examples of inappropriate communications include: private communications concerning the details of RFQ or IFB in which a company becomes privy to information not available to the other Bidders. Social contact between companies and JEA Representatives should be kept to an absolute minimum during the RFQ and IFB process.

Ex Parte Communication is strictly prohibited. Failure to adhere to this policy will disqualify the noncompliant company's Response. Any questions or clarifications concerning a RFQ or IFB must be sent in writing via email to the JEA Buyer at least five (5) business days prior to the opening date. If determined by JEA, that a question should be answered or an issue clarified, JEA will issue an addendum to all companies.

2.6. START OF WORK

If Bidder fails to act on a JEA issued Blanket Purchase Agreement, Purchase Order or Contract, JEA may cancel the Award with no further liability to the Company, retain the bid security or bond (if applicable), and Award to the next-ranked Company.

3. CONTRACT TERMS AND CONDITIONS

3.1. DEFINITIONS

3.1.1. ACCEPTANCE

JEA's written notice by the Contract Administrator to the Company that all Work as specified in the Contract, or a portion of the Work as specified in a Task or Work Order, has been completed to JEA's satisfaction. Approval or recognition of the Company meeting a Milestone or interim step does not constitute Acceptance of that portion of Work. Acceptance does not in any way limit JEA's rights under the Contract or applicable laws, rules and regulations.

3.1.2. AWARD

The written approval of the JEA Awards Committee that the procurement process for the purchase of the Work was in accordance with the JEA Procurement Code and Florida Statutes. Once an Award is approved, JEA will either issue a Purchase Order or execute a Contract with the successful bidder or proposer.

3.1.3. BIDDER-RFQ

The respondent to this RFQ.

3.1.4. PURCHASE ORDER (PO)

A commercial document issued by JEA, authorizing work, indicating types, quantities, and agreed prices for products or services the Company will provide to JEA. Sending a PO to a Company constitutes a legal offer to buy products or services. The words "Purchase Order" are clearly marked across the top, a PO number is used for reference and invoicing purposes, includes an authorized JEA signature, and states the dollar amount of the lawfully appropriated funds.

3.1.5. FINAL COMPLETION

The point in time after JEA makes the determination that the Work is completed and there is Acceptance by JEA, and the Company has fulfilled all requirements of the Contract Documents.

3.1.6. SUBSTANTIAL COMPLETION (DEFINITION)

The time when JEA determines that the Work (or a specified part thereof) is substantially complete, in accordance with the Contract Documents. Additionally, all work other than incidental corrective and incidental punch list work items shall be completed. Substantial Completion shall not have been achieved if all systems and parts are not functional, if utilities are not connected and operating normally, if all required regulatory permits and approvals have not been issued, or if all vehicular and pedestrian traffic routes affected by the Work have not been restored. The date of Substantial Completion shall be established in writing by JEA. Recognition of the Work as Substantially Complete, as evidenced by issuance of a Certificate of Substantial Completion, does not represent JEA's Acceptance of the Work.

3.2. PAYMENTS

3.2.1. PAYMENT METHOD – LUMP SUM

The Company shall submit to JEA invoices for payment as panels are received and accepted by JEA. JEA's determination as to the quantity of the Work successfully completed shall be final.

3.2.2. INVOICING AND PAYMENT TERMS

Within sixty (60) days from completion of the Work, the Company shall submit all Invoices in accordance with the payment method agreed upon in these Contract Documents. Invoices shall be submitted to the following email address: ACCTPAYCUSTSRV@JEA.COM, or if the Company does not have email capability, it can email hard copies to: JEA Accounts Payable, P.O. Box 4910, Jacksonville, FL 32201-4910.

JEA will pay the Company the amount requested within thirty (30) calendar days after receipt of an Invoice from the Company subject to the provisions stated below.

JEA may reject any Invoice or Application for Payment within 20 calendar days after receipt. JEA will return the Invoice or Application for Payment to the Company stating the reasons for rejection.

Upon receipt of an acceptable revised Invoice or Application for Payment, JEA will pay the Respondent the revised amount within ten (10) days.

JEA may withhold payment if the Company is in violation of any conditions or terms of the Contract Documents.

In the case of early termination of the Contract, all payments made by JEA against the Contract Price prior to notice of termination shall be credited to the amount, if any, due the Company. If the parties determine that the sum of all previous payments and credits exceeds the sum due the Company, the Company shall refund the excess amount to JEA within ten (10) days of determination or written notice.

3.3. WARRANTIES AND REPRESENTATIONS

3.3.1. WARRANTY (CONSTRUCTION)

Unless otherwise stated herein, the Company unconditionally warrants to JEA for a period of not less than **one (1) year** from the date of issuance of the Certificate of Substantial Completion that all Work furnished under the Contract, including but not limited to, materials, equipment, workmanship, and intellectual property, including derivative works will be:

- o performed in a safe, professional and workman like manner; and
- o free from Defects in design, material, and workmanship; and
- o fit for the use and purpose specified or referred to in the Contract; and
- o suitable for any other use or purpose as represented in writing by the Contractor; and
- o in conformance with the Contract Documents; and
- o merchantable, new and of first-class quality.

The Company warrants that the Work shall conform to all applicable standards and regulations promulgated by federal, state, local laws and regulations, standards boards, organizations of the Department of State, and adopted industry association standards. If the Work fails to conform to such laws, rules, standards and regulations, JEA may return the Work for correction or replacement at the Company's expense, or return the Work at the Company's expense and terminate the Contract.

If the Company performs services that fail to conform to such standards and regulations or to the warranties set forth in the first paragraph of this Section, the Company shall make the necessary corrections at Company's expense. JEA may correct any services to comply with standards and regulations at the Company's expense if the Company fails to make the appropriate corrections within a reasonable time after notice of the Defect from JEA.

If Work includes items covered under a manufacturer's or Subcontractor's warranty that exceeds the requirements stated herein, Company shall transfer such warranty to JEA. Such warranties, do not in any way limit the warranty provided by the Company to JEA.

If, within the warranty period, JEA determines that any of the Work is defective or exhibit signs of excessive deterioration, the Company at its own expense, shall repair, adjust, or replace the defective Work to the complete satisfaction of JEA. The Company shall pay all costs of removal, transportation, reinstallation, repair, and all other associated costs incurred in connection with correcting such Defects in the Work. The Company shall correct any Defects only at times designated by JEA. The Company shall extend the warranty period an additional 12 months for any portion of the Work that has undergone warranty repair or replacement, but in no case shall the maximum warranty period be extended beyond thirty six (36) months.

JEA may repair or replace any defective Work at the Company's expense when the Company fails to correct the Defect within a reasonable time of receiving written notification of the Defect by JEA, when the Company is unable to respond in an emergency situation or when necessary to prevent JEA from substantial financial loss. Where JEA makes repairs or replaces defective Work, JEA will issue the Company a written accounting and invoice of all repair work required to correct the Defects.

Where spare parts may be needed, Company warrants that spare parts will be available to JEA for purchase for at least 75 percent of the stated useful life of the product.

The Company's warranty excludes any remedy for damage or Defect caused by abuse, improper or insufficient maintenance, improper operation, or wear and tear under normal usage.

Note that JEA intends to perform a warranty inspection prior to the expiration of the warranty period. JEA will notify the Company and the Company Representative shall attend the inspection. All discrepancies identified at said inspection shall be corrected by the Company within a reasonable timeframe.

3.4. INSURANCE, INDEMNITY, RISK OF LOSS & LIQUIDATED DAMAGES

3.4.1. INDEMNIFICATION (JEA STANDARD)

For ten dollars (\$10.00) acknowledged to be included and paid for in the contract price and other good and valuable considerations, the Company shall hold harmless and indemnify JEA against any claim, action, loss, damage, injury, liability, cost and expense of whatsoever kind or nature (including, but not by way of limitation, reasonable attorney's fees and court costs) arising out of injury (whether mental or corporeal) to persons, including death, or damage to property, arising out of or incidental to the negligence, recklessness or intentional wrongful misconduct of the Company and any person or entity used by Company in the performance of this Contract or Work performed thereunder. For purposes of this Indemnification, the term "JEA" shall mean JEA as a body politic and corporate and shall include its governing board, officers, employees, agents, successors and assigns. This indemnification shall survive the term of a Contract entered into pursuant to this solicitation, for events that occurred during the Contract term. This indemnification shall be separate and apart from, and in addition to, any other indemnification provisions set forth elsewhere in this Contract.

3.4.2. INSURANCE

INSURANCE REQUIREMENTS

Before starting the Work and for the Term of the Contract, and without further limiting its liability under the Contract, Company shall procure and maintain at its sole expense, insurance of the types and in the minimum amounts stated below:

Workers' Compensation

Florida Statutory coverage and Employer's Liability (including appropriate Federal Acts); Insurance Limits: Statutory Limits (Workers' Compensation) \$500,000 each accident (Employer's Liability).

Commercial General Liability

Premises-Operations, Products-Completed Operations, Contractual Liability, Independent Contractors, Broad Form Property Damage, Explosion, Collapse and Underground, Hazards (XCU Coverage) as appropriate; Insurance Limits: \$1,000,000 each occurrence, \$2,000,000 annual aggregate for bodily injury and property damage, combined single limit.

Automobile Liability

All autos-owned, hired, or non-owned; Insurance Limits: \$1,000,000 each occurrence, combined single limit.

Excess or Umbrella Liability

(This is additional coverage and limits above the following primary insurance: Employer's Liability, Commercial General Liability, and Automobile Liability); Insurance Limits: \$3,000,000 each occurrence and annual aggregate.

Company's Commercial General Liability and Excess or Umbrella Liability policies shall remain in force throughout the duration of the project and until the Work is completed to JEA's satisfaction. The Indemnification provision provided herein is separate and is not limited by the type of insurance or insurance amounts stated above.

Company shall specify JEA as an additional insured for all coverage except Workers' Compensation and Employer's Liability. Such insurance shall be primary to any and all other insurance or self-insurance maintained by JEA. Company shall include a Waiver of Subrogation on all required insurance in favor of JEA, its board members, officers, employees, agents, successors and assigns.

Such insurance shall be written by a company or companies licensed to do business in the State of Florida and satisfactory to JEA. Prior to commencing any Work under this Contract, certificates evidencing the maintenance of the insurance shall be furnished to JEA for approval. Company's and its subcontractors' Certificates of Insurance

shall be mailed to JEA (Attn. Procurement Services), Customer Care Center, 6th Floor, 21 West Church Street, Jacksonville, FL 32202-3139.

The insurance certificates shall provide that no material alteration or cancellation, including expiration and non-renewal, shall be effective until 30 days after receipt of written notice by JEA.

Any subcontractors of Company shall procure and maintain the insurance required of Company hereunder during the life of the subcontracts. Subcontractors' insurance may be either by separate coverage or by endorsement under insurance provided by Company. Note: Any JSEB firms identified by Bidders for this Solicitation are considered "Subcontractors" under the direct supervision of the Prime or General Contractor (herein referred to as "Company"). Companies should show good faith efforts in providing assistance to JSEB firms in the securing of the Subcontractors' insurance requirements stated herein. Company shall submit subcontractors' certificates of insurance to JEA prior to allowing Subcontractors to perform Work on JEA's job sites.

3.4.3. TITLE AND RISK OF LOSS

Ownership, risks of damage to or loss of the Work shall pass to JEA upon Acceptance. The Company shall assume all risk of loss or damage to the Work while items are in transit and/or in the Company's custody until such time that JEA issues written notice of Acceptance.

JEA's receipt or delivery of any equipment or other materials will not constitute JEA's Acceptance of the Work and will not constitute a waiver by JEA of any right, claim or remedy. In the event of loss or damage to the Work, the Company shall bear all costs associated with any loss or damage until Acceptance by JEA.

For equipment and materials removed from JEA sites or the Work locations for repairs, service or duplication, JEA will retain the title to equipment and materials removed.

3.5. ACCEPTANCE

3.5.1. ACCEPTANCE OF WORK - RECEIPT, INSPECTION, USAGE AND TESTING

The Contract Administrator will make the determination when Work is completed and there is Acceptance by JEA. Acceptance will be made by JEA only in writing, and after adequate time to ensure Work is performed in accordance with Contract Documents. JEA will reject any items delivered by Company that are not in accordance with the Contract, and shall not be deemed to have accepted any items until JEA has had reasonable time to inspect them following delivery or, if later, within a reasonable time after any latent defect in the items has become apparent. JEA may partially accept the Work items. If JEA elects to accept nonconforming items, it may in addition to other remedies, be entitled to deduct a reasonable amount from the price as compensation for the nonconformity. Any Acceptance by JEA, even if nonconditional, shall not be deemed a waiver, or settlement or acceptance of any Defect.

3.6. TERM AND TERMINATION

3.6.1. TERMINATION FOR CONVENIENCE

JEA shall have the absolute right to terminate the Contract in whole or part, with or without cause, at any time after the Award effective date upon written notification of such termination.

In the event of termination for convenience, JEA will pay the Company for all disbursements and expenses that the Company has incurred, or has become obligated prior to receiving JEA's notice of termination.

Upon receipt of such notice of termination, the Company shall stop the performance of the Work hereunder except as may be necessary to carry out such termination and take any other action toward termination of the Work that JEA may reasonably request, including all reasonable efforts to provide for a prompt and efficient transition as directed by JEA.

JEA will have no liability to the Company for any cause whatsoever arising out of, or in connection with, termination including, but not limited to, lost profits, lost opportunities, resulting change in business condition, except as expressly stated within these Contract Documents.

3.6.2. TERMINATION FOR DEFAULT

JEA may give the Company written notice to discontinue all or part of the Work under the Contract or a Notice to Cure a material breach in the event that:

- The Company assigns or subcontracts the Work without prior written permission;
- Any petition is filed or any proceeding is commenced by or against the Company for relief under any bankruptcy or insolvency laws;
- A receiver is appointed for the Company's properties or the Company commits any act of insolvency (however evidenced);
- The Company makes an assignment for the benefit of creditors;
- The Company suspends the operation of a substantial portion of its business;
- The Company suspends the whole or any part of the Work to the extent that it impacts the Company's ability to meet the Work schedule, or the Company abandons the whole or any part of the Work;
- The Company, at any time, violates any of the conditions or provisions of the Contract Documents, or the Company fails to perform as specified in the Contract Documents, or the Company is not complying with the Contract Documents;
- The Company attempts to willfully impose upon JEA items or workmanship that are, in JEA's sole opinion, defective or of unacceptable quality;
- The Company breaches any of the representations or warranties;
- The Company is determined, in JEA's sole opinion, to have misrepresented the utilization of funds or misappropriate property belonging to JEA; or
- There is an adverse material change in the financial or business condition of the Company.

If within thirty (30) days after service of such notice to discontinue or notice to cure upon the Company an arrangement satisfactory to JEA has not been made by the Company for continuance of the Work or the material breach has not been remedied, JEA may declare the Company to be in default and terminate the Contract.

Once Company is declared in default and the Contract has been terminated, JEA will notify the Surety in writing of the termination. The Surety shall, at JEA's sole option take one (1) of the following actions:

- (a) Within a reasonable time, but in no event later than thirty (30) days, from JEA's written notice of termination for default, arrange for Company with JEA's consent, which shall not be unreasonably withheld, to complete the Contract and the Surety shall pay JEA all losses, delay and disruption damages and all other damages, expenses, costs and statutory attorney's fees, including appellate proceedings, that JEA sustains because of a default by the Company under the Contract;
- (b) Within a reasonable time, but in no event longer than sixty (60) days after JEA's written notice of termination for default, award a contract to a completion contractor and issue notice to proceed or alternatively, JEA may elect, to have the Surety determine jointly with JEA the lowest responsible qualified bidder, to have the Surety arrange for a contract between such bidder and JEA, and for the Surety to make available as Work progresses sufficient funds to pay the cost of completion less the balance of the Contract price; or
- (c) Within a reasonable time, but in no event later than thirty (30) days from JEA's notice of termination for default, JEA may waive its right to complete or arrange for completion of the Contract and, within twenty-one (21) days thereafter, determine the amount for which the Surety may be liable to JEA and tender payment to JEA of any amount necessary in order for JEA to complete performance of the Contract in accordance with its terms and conditions less the balance of the Contract price.

JEA shall have the right to take possession of and use any of the materials, plant, tools, equipment, supplies and property of any kind provided by the Company for the purpose of this Work.

JEA will charge the expense of completing the Work to the Company and will deduct such expenses from monies due, or which at any time thereafter may become due, to the Company. If such expenses are more than the sum that would otherwise have been payable under the Contract, then the Company or Surety shall pay the amount of such

excess to JEA upon notice of the expenses from JEA. JEA shall not be required to obtain the lowest price for completing the Work under the Contract, but may make such expenditures that, in its sole judgment, shall best accomplish such completion. JEA will, however, make reasonable efforts to mitigate the excess costs of completing the Work.

The Contract Documents shall in no way limit JEA's right to all remedies for nonperformance provided under law or in equity, except as specifically set forth herein. In the event of termination for nonperformance, the Company shall immediately surrender all Work records to JEA. In such a case, JEA may set off any money owed to the Company against any liabilities resulting from the Company's nonperformance.

JEA has no responsibility whatsoever to issue notices of any kind, including but not limited to deficient performance letters and scorecards, to the Company regarding its performance prior to default by Company for performance related issues.

JEA shall have no liability to the Company for termination costs arising out of the Contract, or any of the Company's subcontracts, as a result of termination for default.

Immediately upon termination or expiration of this Contract, Company must return to JEA all materials, documents and things used by Company and belonging to JEA, including proposals, computer files, borrower files, building keys, and any other property or information regarding continued business compliance or goodwill, whether in electronic or hard-copy form. Furthermore, upon JEA's request, Company shall certify in writing that all of the foregoing documents or materials, including archival or backup copies, whether in electronic or hard-copy form, have been returned to JEA, deleted from any computer system, or otherwise destroyed.

3.6.3. TERM OF CONTRACT - THROUGH COMPLETION OF WORK

The Contract shall be in force through completion of all Work, Acceptance and final payment, including resolution of all disputes, claims, or suits, if any. Certain provisions of this Contract may extend past termination including, but not limited to, Warranty and Indemnification provisions.

This Contract, after the initial year, shall be contingent upon the existence of lawfully appropriated funds for each subsequent year of the Contract.

3.7. MISCELLANEOUS PROVISIONS

3.7.1. AMENDMENTS

This Contract may not be altered or amended except in writing, signed by JEA Chief Procurement Officer, or designee, and the Company Representative, or each of their duly authorized representatives.

3.7.2. DISPUTES

If a dispute occurs between JEA and the Company over a contractual issue that cannot be mediated by the JEA Representative, the dispute shall be handled in accordance with Article 5 of the JEA Procurement Code.

3.7.3. JEA ACCESS BADGES

If the scope of work described in this Contract requires a Company to access JEA facilities, each Company employee shall apply for a JEA access badge through JEA's Security Department. each Company employee shall apply for a JEA access badge through JEA's Security Department. JEA will run a seven (7) year background check on all Company employee's that apply for a JEA access badge.

An appointment to obtain a JEA access badge can be made by contacting JEA Security at securitybadge@jea.com.

JEA does not allow Company employees to share JEA access badges. A Company whose employees are found to be sharing JEA access badges, will result in the Contract being terminated immediately for default. Additionally, JEA shall be notified within 6 hours of a lost or stolen JEA security badge or when an employee leaves the Company. Report badge termination notifications to JEA Security at (904) 665-8200.

3.7.4. ASSIGNING OF CONTRACT

Each party agrees that it shall not assign, delegate, or otherwise dispose of the Contract, the duties to be performed under the Contract, or the monies to become due under the Contract without the other party's prior written consent.

The assignment of the Contract will not relieve either of the parties of any of its obligations until such obligations have been assumed in writing by the assignee. If the Contract is assigned by either of the parties, it will be binding upon and will inure to the benefit of the permitted assignee. The Company shall be liable for all acts and omissions of its assignee or its Subcontractor.

3.7.5. NONEXCLUSIVE

Notwithstanding anything contained herein that may appear to be the contrary, this Contract is "non-exclusive" and JEA reserves the right, in its sole discretion, to retain other companies to perform the Work, and/or JEA may self-perform the Work itself.

3.7.6. APPLICABLE STATE LAW; VENUE; SEVERABILITY

The rights, obligations and remedies of the parties as specified under the Contract will be interpreted and governed in all respects exclusively by the laws of the State of Florida without giving effect to the principles of conflicts of laws thereof. Should any provision of the Contract be determined by the courts to be illegal or in conflict with any law of the State of Florida, the validity of the remaining provisions will not be impaired. Litigation involving this Contract or any provision thereof shall take place in the State or Federal Courts located exclusively in Jacksonville, Duval County, Florida.

3.8.6. CONTINUING THE WORK

The Company shall carry on the Work and maintain the progress schedule during disputes or disagreements with JEA. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as JEA and Company may otherwise agree in writing. Suspension of the Work or portion thereof by Company shall entitle JEA to terminate the Contract for Default.

4. TECHNICAL SPECIFICATIONS/DETAILED SCOPE OF WORK

4.1. TECHNICAL SPECIFICATIONS AND DRAWINGS (APPENDIX A)

The technical specifications for this solicitation can be found in Appendix A.

- 96695 Appendix A - Technical Specifications
- 96695 Appendix A - Drawings

5. FORMS

5.1. FORMS (APPENDIX B)

Forms required to be submitted with this solicitation are provided in Appendix B or can be obtained on the JEA website at www.jea.com.

96695 APPENDIX A - TECHNICAL SPECIFICATIONS
PONY PUMP UPGRADE RTU BACK PANEL CONSTRUCTION SERVICES

The selected Contractor shall provide self-contained control panels as described herein according to all JEA Water and Sewer Standards Section 433 and the provided drawings. Panels shall be fabricated and properly stored at the Contractor's facility until delivery to the appropriate JEA facility. All work will be in accordance to all applicable design and construction standards and regulations.

Contractor will manufacture and deliver the panel types and quantities listed below:

- 1) Forty-two (42) Pony Pump Retrofit Back Panels per the attached drawing and JEA Water and Sewer Standards Section 433.

JEA will provide the following components to the Contractor in the appropriate quantities:

Manufacturer	P/N	Description
Siemens	6AG1 215-1AG40-4XB0	CPU 1215C DC/DC/DC, 14 DI - 10 DO PLC
Siemens	6ES7 954-8LC02-0AA0	SIMATIC Memory Card, 4MB
Siemens	6AG1 221-1BH32-4XB0	16 Digital Input Module
Siemens	6AG1 231-4HD32-4XB0	4 Channel Analog Input Module
Siemens	6AG1 241-1AH32-4XB0	Communication Module, RS232

All other components and materials not listed above will be provided by the Contractor.

As-built drawings laser printed in color on 11"x17" paper must be included with each completed panel. Digital copies must be submitted to JEA in PDF and AutoCAD 2015 format. The AutoCAD .DWG file will be made available to the Contractor.

Completed panels are to be stored at the Contractor's facility until delivery to the following JEA facilities in the noted quantities.

- 9 Panels Cedar Bay WRF
1840 Cedar Bay Road
Jacksonville, FL 32218
- 18 Panels Arlington East WRF
1555 Millcoie Road
Jacksonville, FL 32225
- 9 Panels Mandarin WRF
10828 Hampton Road
Jacksonville, FL 32257
- 6 Panels Southwest WRF
5420 118th Street
Jacksonville, FL 32244

The Contractor's facility must be located within JEA's service territory.

The Contractor shall provide fixed (lump sum) pricing to complete the work as described. Pricing shall include all costs associated with the construction and delivery of the panels, including but not limited to: labor, materials, consumables, testing, construction fixtures, overhead, profit, and any other direct or indirect costs.

Twenty-one (21) Retrofit Back panels must be completed and delivered by April 15, 2019. All panels must be completed and delivered to JEA by May 31, 2019. Invoices shall be submitted for payment as panels are received and accepted by JEA.

BILL of MATERIAL

	QTY	MANUFACTURER	PART NUMBER	DESCRIPTION
A	1	SCHAEFER	SPP-3630	BACK PANEL, CARBON STEEL, WHITE
B	-	SCHAEFER	SPN1AL-888-JEA	BATTERY ENCLOSURE, .125 ALUMINUM
C	-	POWER SONIC	PS-12180 F2	BATTERY, LEAD-ACID, 12VDC, 18Ah
D	1	WEIDMULLER	9926 25 2015	CCB, UL489, 2 POLE, 15A
E	2	PANDUIT	LAMA2-14-QY	GROUND LUG, DUAL-RATED, #2-14AWG
F	1	-	-	GFCI DUPLEX RECEPTACLE, 15A, 120VAC
G	1	WAGO	210-112	2M DIN RAIL, GALVANIZED, SLOTTED
H	2	PANDUIT	1.5"W x 3"H x 72"L	WIREWAY, HINGE COVER, WIDE FINGER
I	2	WEIDMULLER	9926 25 1015	CB1 and CB2, UL489, 1 POLE, 15A
J	2	WEIDMULLER	9926 25 1010	CB3 and CB4, UL489, 1 POLE, 10A
K	1	PULS	CD5.243	DC/DC CONVERTER, 12-24V, 4A
L	1	PULS	QS5.241-A1	24VDC POWER SUPPLY, 5A
M	1	SIEMENS	6AG1 215-1AG40-4XB0	CPU 1215C DC/DC/DC, 14 DI - 10 DO PLC
	1	SIEMENS	6ES7 954-8LC02-0AA0	SIMATIC MEMORY CARD, 4MB
	1	SIEMENS	6AG1 221-1BH32-4XB0	16 DIGITAL INPUT MODULE
	1	SIEMENS	6AG1 231-4HD32-4XB0	4 CHANNEL ANALOG INPUT MODULE
	1	SIEMENS	6AG1 241-1AH32-4XB0	COMMUNICATION MODULE, RS232
	-	-	-	-
N	2	SQUARE D	PK5GTA	EQUIPMENT GROUND BAR, 5-POINT
O	1	CITEL	DS41S-120	120VAC SURGE SUPPRESSOR, BASE
P	1	CITEL	DS220S-24DC	24VDC SURGE SUPPRESSOR
Q	4	CITEL	DLAW-24D3	ANALOG SURGE SUPPRESSOR, 24VDC
R	10	WAGO	788-341	RELAY, STATUS, SPRING, SPDT, 24VDC
	9	WAGO	788-113	JUMPER BAR, MODULE/MODULE, 2-WAY
	-	-	-	-
S	82	WAGO	2002-1401	TERMINAL, 2002, SPRING, GRAY
T	9	WAGO	2002-1492	TERMINAL END / PART. PLATE, ORANGE
U	11	WAGO	2002-400	ADJACENT JUMPER, 2-WAY CONTINUOUS
V	13	WAGO	249-116	TERMINAL END STOP, GRAY
W	-	MDS	TRANSNET 900	RADIO, SPREAD-SPECTRUM, UNLICENSED
	-	MDS	03-4124S01	DIN RAIL MOUNT KIT
	1	TFS, INC.	-	RADIO CABLE, RS232
	1	TFS, INC	12V3A	VOLTAGE REGULATOR
	1	OEM	-	RADIO MOUNT / SHELF, MDS 9710
X	1	-	-	6' NM /TNC MRA 195 JUMPER
	1	-	-	NM/TNCF ADAPTER
Y	4	WAGO	857-411	ANALOG SIGNAL ISOLATOR
Z	5	WAGO	209-191	SEPARATOR, ORANGE
A1	1	PHOENIX CONTACT	2313931	NETWORK ISOLATOR
B1	1	SIEMENS	6XV1840-2AH10	PROFINET CABLE, FAST CONNECT
	2	SIEMENS	6AG1901-1BB10-7AA0	PROFINET CONNECTOR, SIPLUS
C1	1	PULS	UF40.241	BUFFER MODULE, 24VDC, 40A
D1	1	PULS	YRM2.DIODE	REDUNDANCY MODULE
E1	1	PHOENIX CONTACT	3035697	COMPONENT TERMINAL, DIODE, 5A
	1	PHOENIX CONTACT	3034426	END COVER
F1	1	CITEL	DS210-12DC	12VDC SURGE SUPPRESSOR

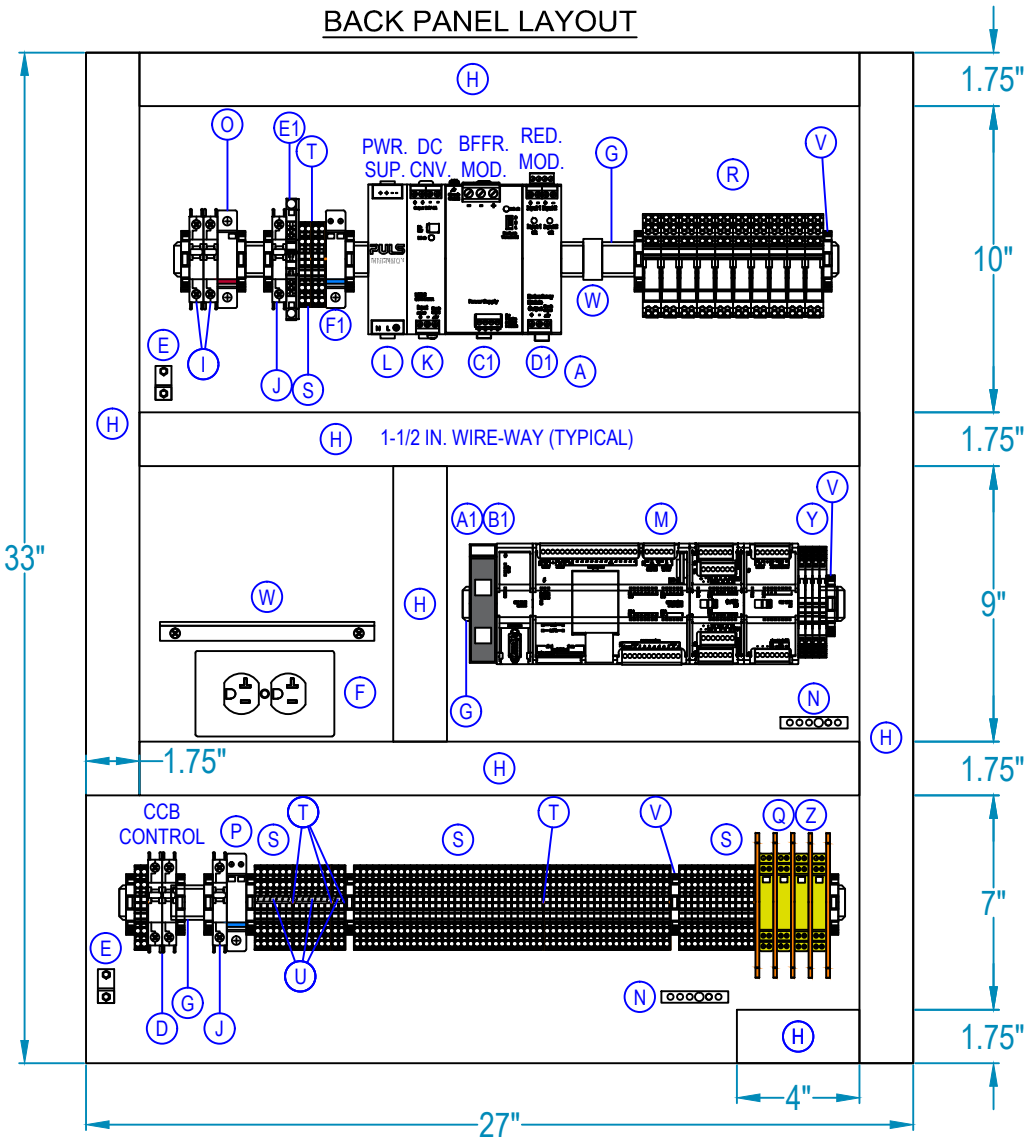
DRAWING LAYER COLOR LEGEND:

- GREY - NOTES
- BLACK - ELECTRICAL SCHEMATIC WIRING DIAGRAMS AND DEVICES
- BLUE - PART IDENTIFICATION
- PURPLE - WIRE NUMBERS
- GREEN - FIELD DEVICES AND WIRING OUTSIDE ENCLOSURE (DASHED)
- RED - FUTURE DEVICES AND WIRING
- TEAL - DIMENSIONS

CONTROL WIRE UL508A COLOR:

- RED - 120 VAC
- WHITE - NEUTRAL
- BLUE - +24 VDC
- WHITE / BLUE STRIPE - 0 VDC

BACK PANEL LAYOUT



BACK PANEL:
SPP-3630 (33"H x 27"W) FABRICATED FROM 12ga. CARBON STEEL
WITH WHITE INDUSTRIAL GRADE ENAMEL FINISH.

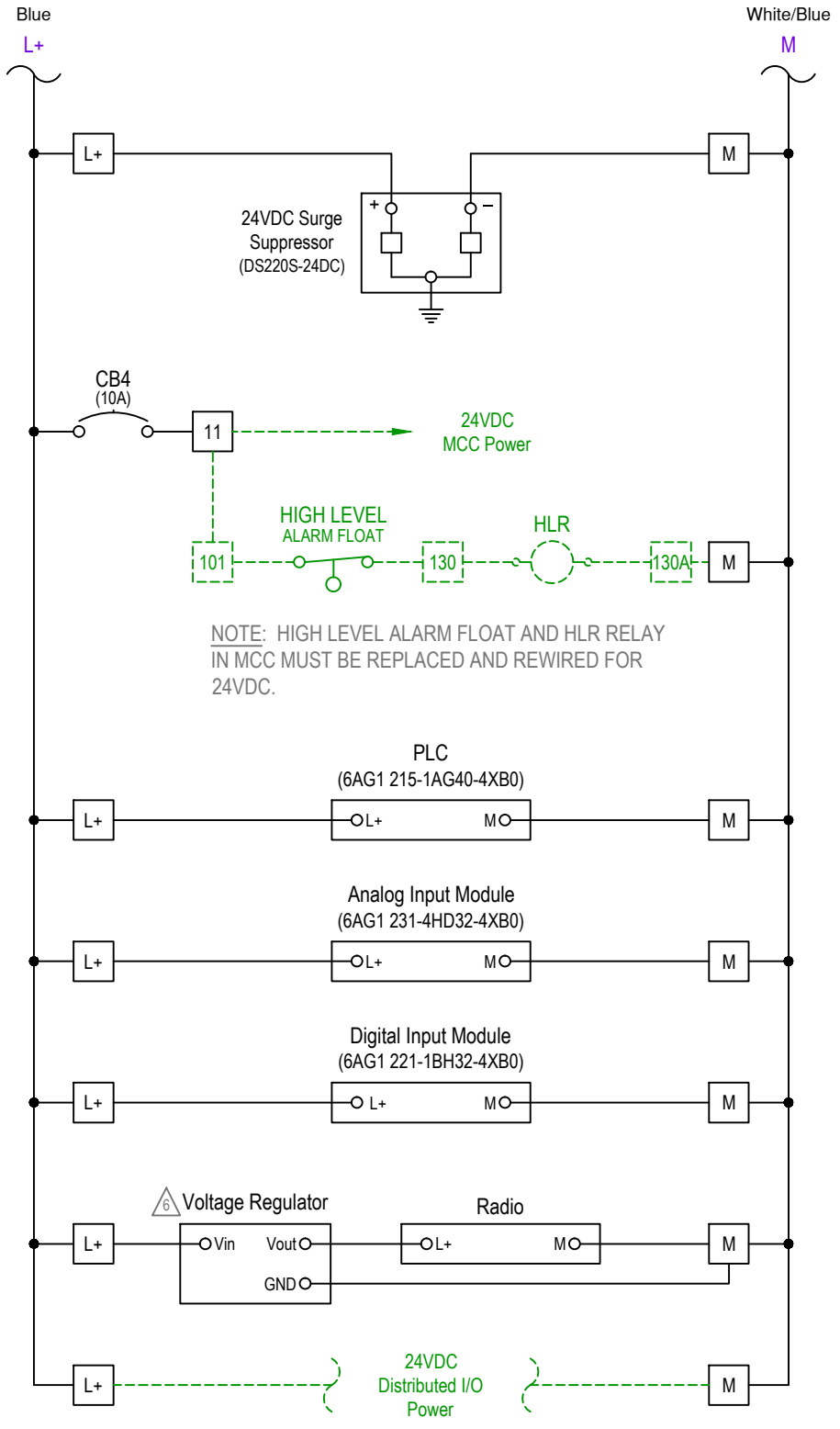
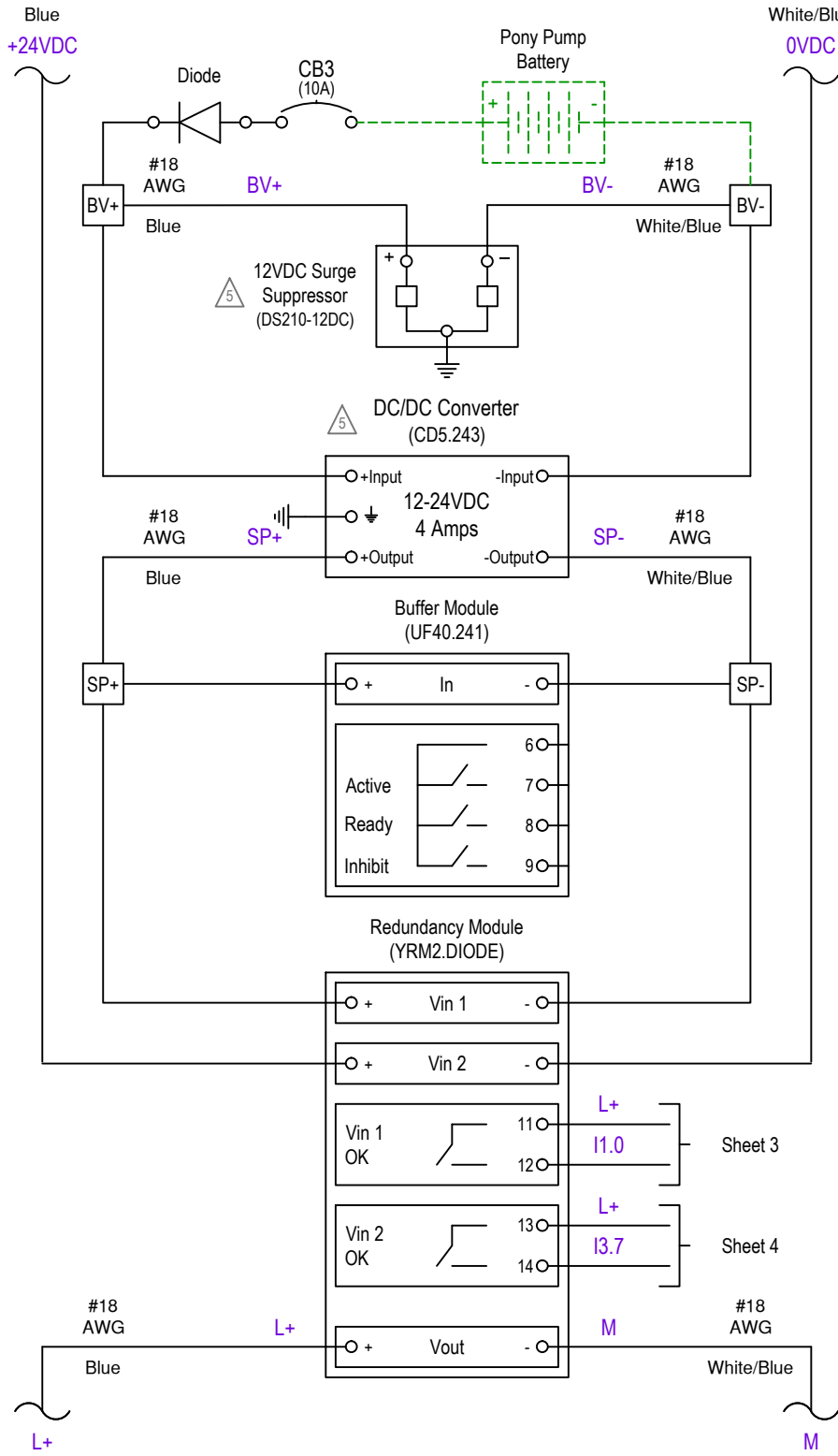
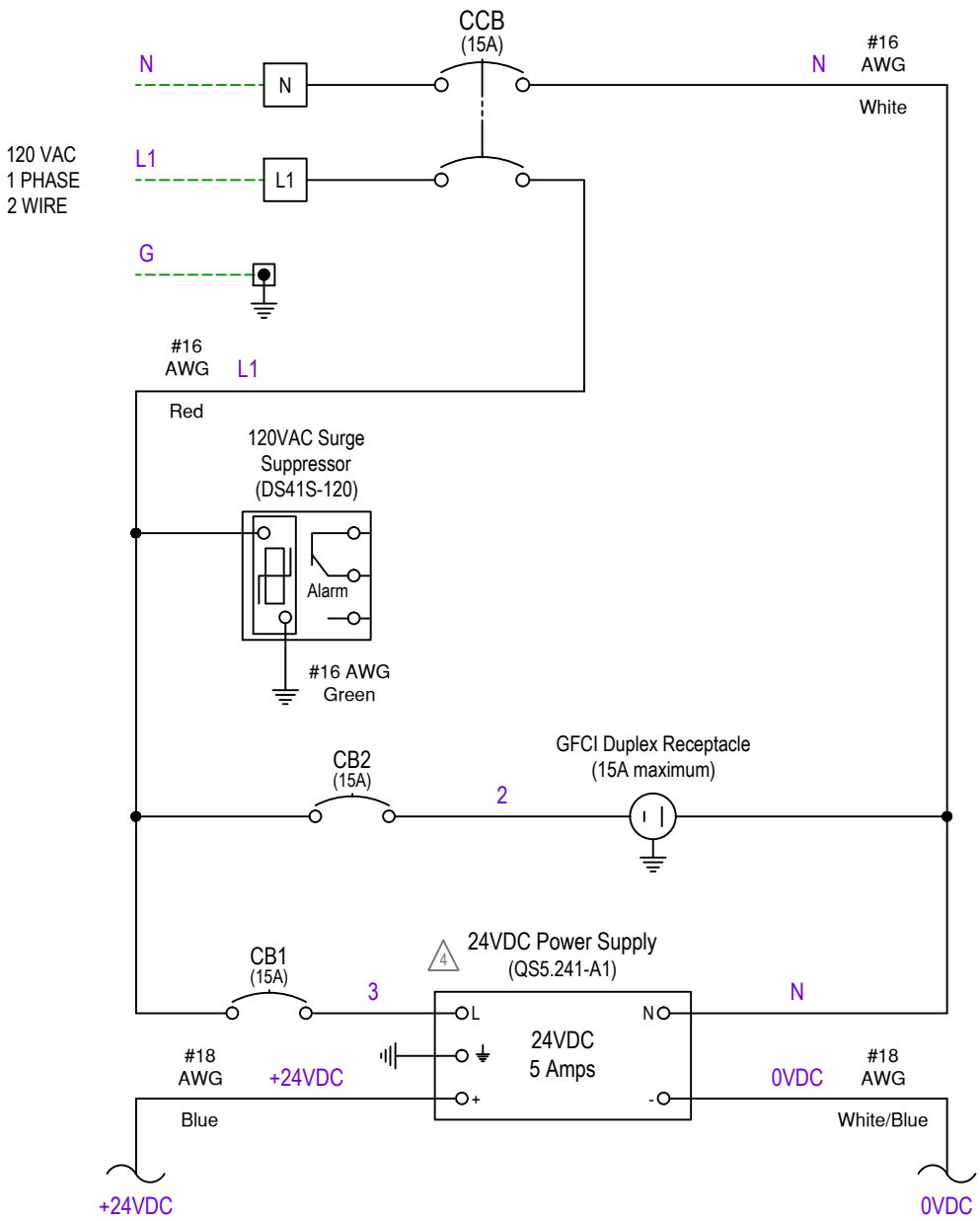
GENERAL NOTES:

1. REFER TO "433 LIFT STATION SCADA CONTROLS SPECIFICATION" FOR FURTHER DETAILS THAT MUST BE ADHERED TO.
2. REFER TO NOTES AND DETAILS ON ALL DRAWING SHEETS FOR MORE MANUFACTURING DETAILS.
3. BATTERY ENCLOSURE IS TO BE INSTALLED IN THE FIELD. TWO 12VDC BATTERIES ARE WIRED IN SERIES AND MOUNTED INSIDE BATTERY ENCLOSURE (EXTERNAL TO CONTROL PANEL).
4. ALL PLC I/O WIRING INTERNAL TO THE CONTROL PANEL SHALL BE #18 AWG.
5. ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.
6. ALL MOUNTING SCREWS SHALL BE STAINLESS STEEL, DRILLED AND TAPPED (NO SELF-TAPPING SCREWS ARE ALLOWED).
7. ENSURE GOOD ELECTRICAL CONTACT BETWEEN BACK PANEL AND ALL MECHANICAL GROUND CONNECTIONS.
8. TECHNICAL FIELD SERVICES, INC., JACKSONVILLE, FLORIDA (904) 278-5250
9. THIS DRAWING IS FOR A PONY PUMP WITH A 12VDC STARTER. REMOVE DC/DC CONVERTER AND WIRE DIRECTLY FOR PUMPS WITH 24VDC STARTERS.

NO.	BY	DATE	REVISIONS	<div>ELECTRICAL SCHEMATIC</div> <div>MANUFACTURER ADDRESS1 ADDRESS2</div> <div>CONTACT_NAME CONTACT_NUMBER</div>	<div><div>JEA</div><div>Building Communitysm</div></div>	DESIGNER:	SHEET TITLE: BACK PANEL LAYOUT		
6.						DRAWN BY:	PROJECT: --- PROJECT NAME ---		
5.						DATE:	RETROFIT RTU LIFT STATION DIAGRAM		
4.						CHECKED BY:			
3.						DATE:			
2.							JOB No:	SHEET	OF
1.							12345678	1	11

GENERAL NOTES:

1. ALL CONTROL WIRING AND 12-18 AWG SHALL BE STRANDED TIN-PLATED COPPER WIRE. APPLY DIELECTRIC GREASE TO ENDS TO PREVENT CORROSION.
2. ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.
3. USE 6MM FERRULES FOR WIRES TERMINATING AT PLC.
4. ADJUST OUTPUT VOLTAGE POTENTIOMETER TO 26.5VDC MINIMUM.
5. THIS DRAWING IS FOR A PONY PUMP WITH A 12VDC STARTER. REPLACE 12VDC SURGE SUPPRESSOR WITH 24VDC. REMOVE DC/DC CONVERTER AND WIRE DIRECTLY FOR PUMPS WITH 24VDC STARTERS.
6. VOLTAGE REGULATOR REQUIRED FOR MDS 9710 RADIO ONLY.



NO.	BY	DATE	REVISIONS
6.			
5.			
4.			
3.			
2.			
1.			

ELECTRICAL SCHEMATIC

MANUFACTURER

ADDRESS1

ADDRESS2

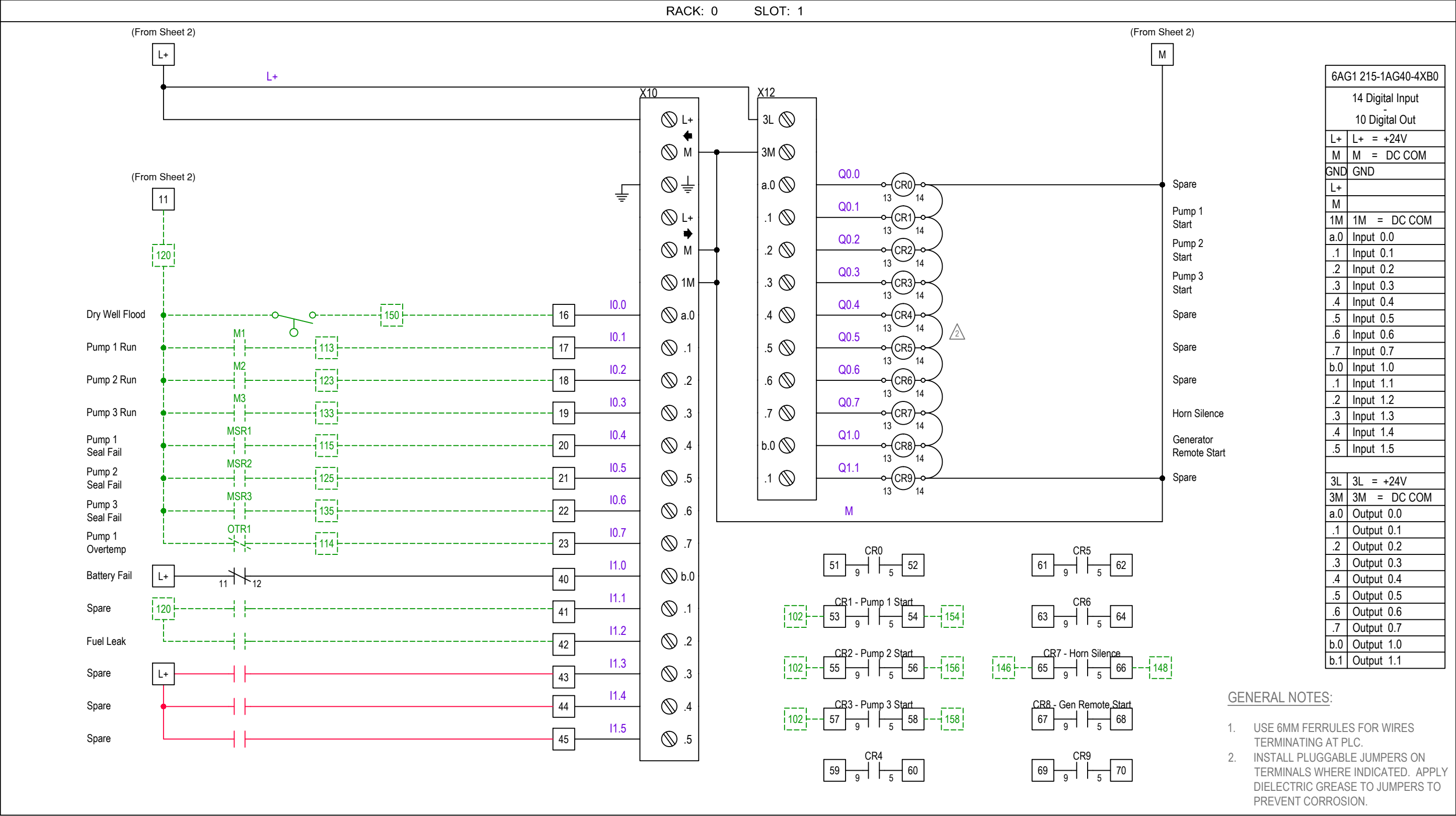
CONTACT_NAME

CONTACT_NUMBER



DESIGNER:
DRAWN BY:
DATE:
CHECKED BY:
DATE:

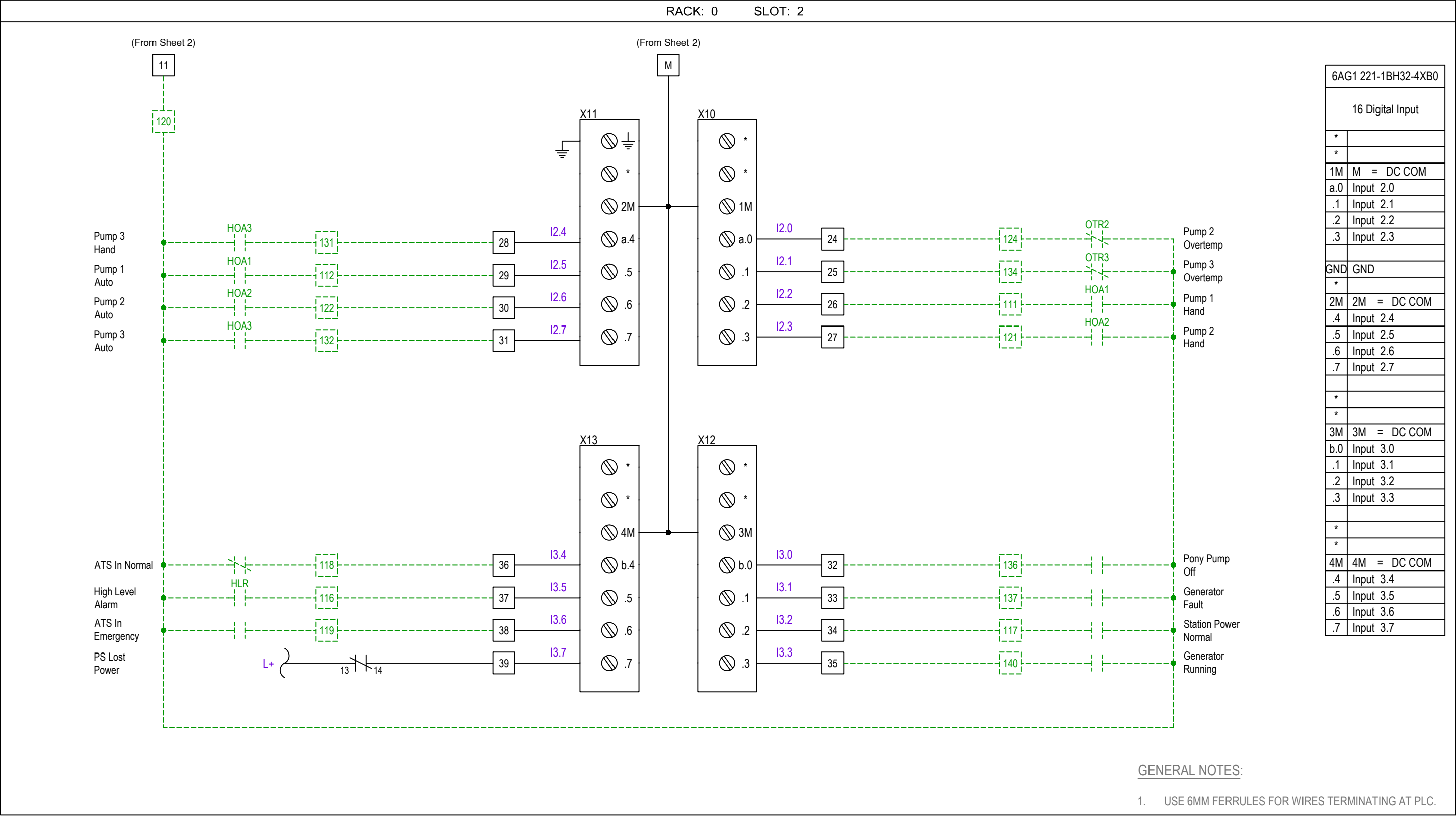
SHEET TITLE:	WIRING DIAGRAM
PROJECT:	--- PROJECT NAME ---
JOB No:	12345678
SHEET	2
OF	11



GENERAL NOTES:

1. USE 6MM FERRULES FOR WIRES TERMINATING AT PLC.

2. INSTALL PLUGGABLE JUMPERS ON TERMINALS WHERE INDICATED. APPLY DIELECTRIC GREASE TO JUMPERS TO PREVENT CORROSION.



32

33

34

35

I3.0

I3.1

I3.2

I3.3

Pony Pump Off

Generator Fault

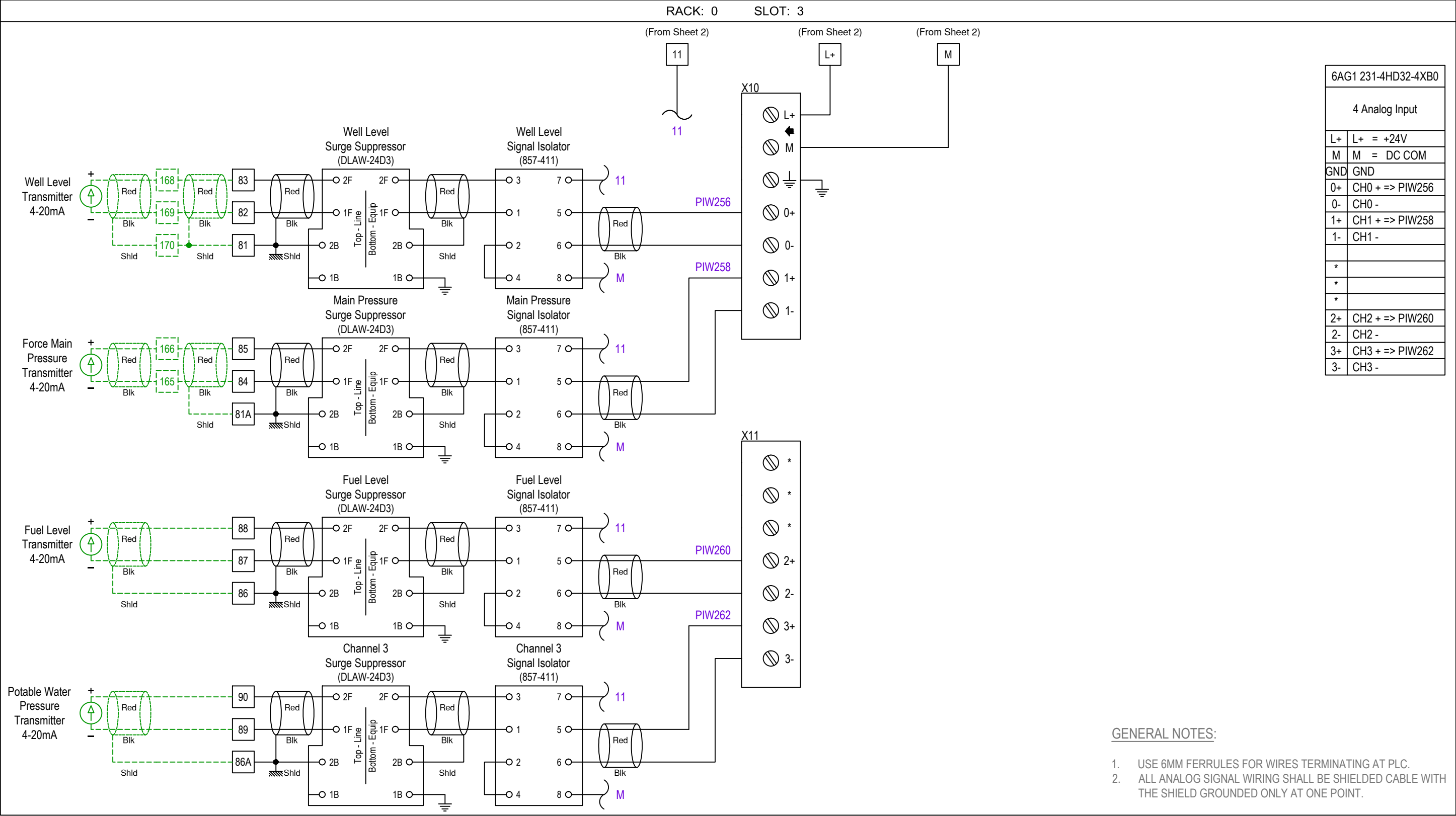
Station Power Normal

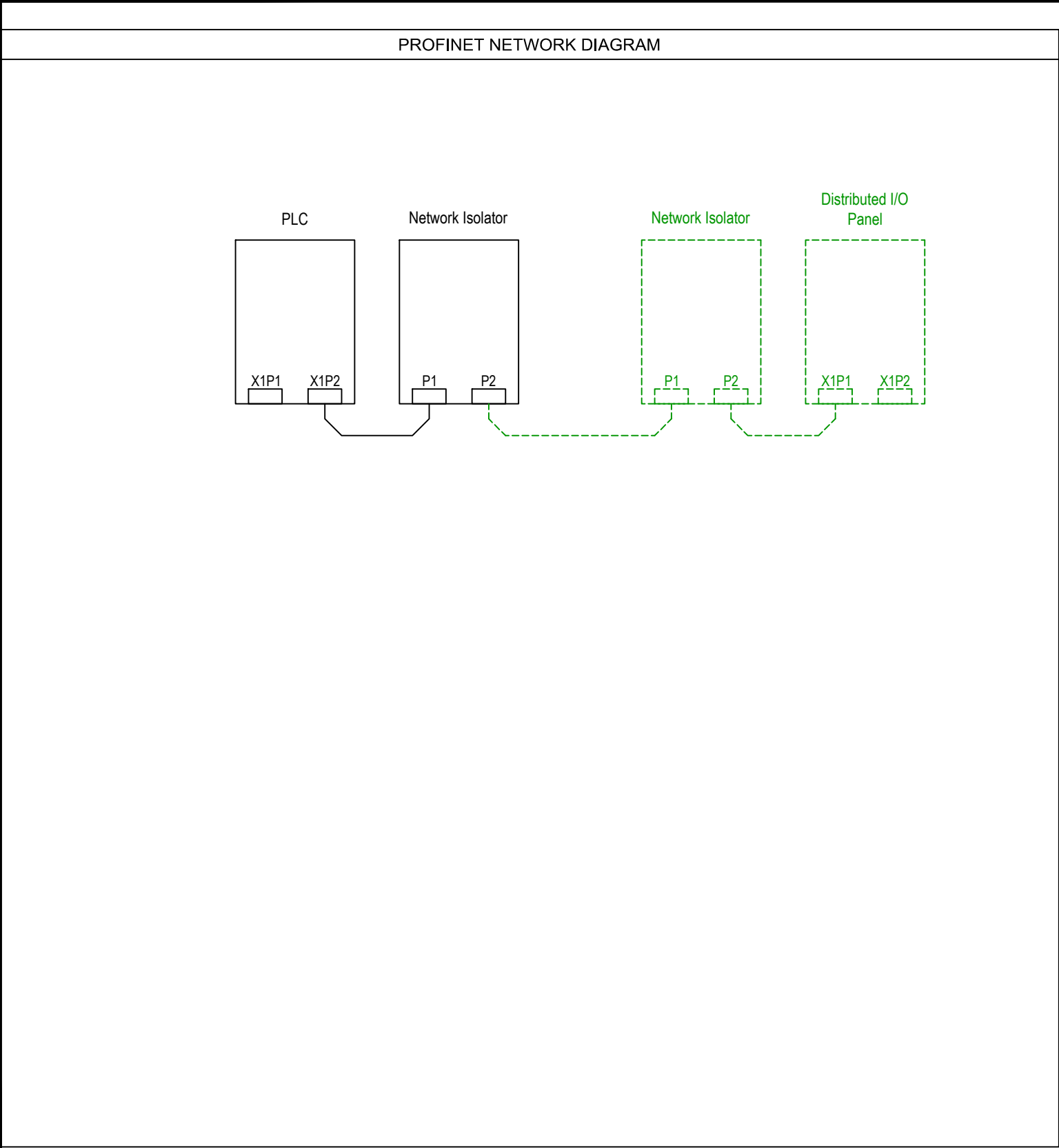
Generator Running

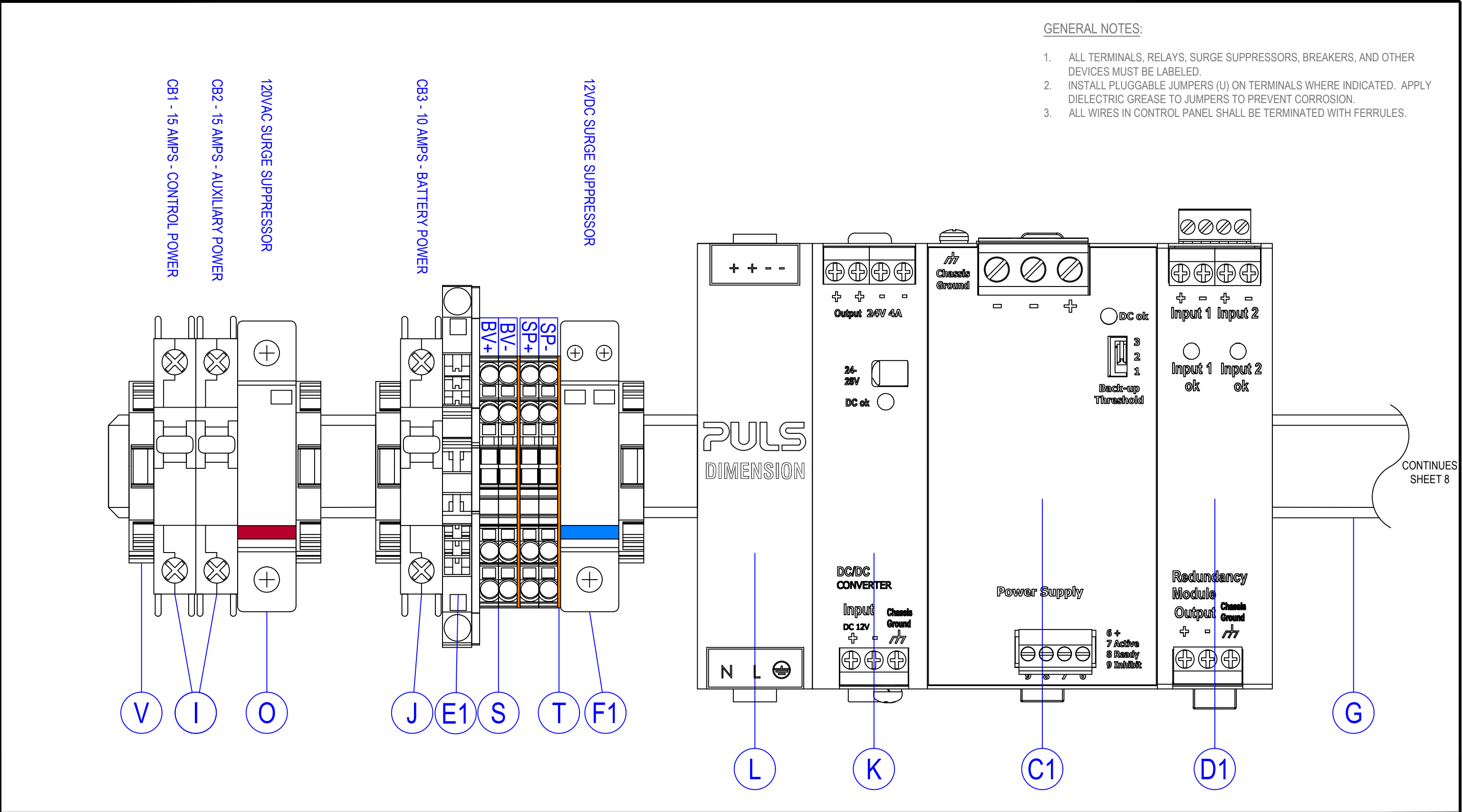
GENERAL NOTES:

1. USE 6MM FERRULES FOR WIRES TERMINATING AT PLC.

6AG1 221-1BH32-4XB0	
16 Digital Input	
*	
*	
1M	M = DC COM
a.0	Input 2.0
.1	Input 2.1
.2	Input 2.2
.3	Input 2.3
GND	GND
*	
2M	2M = DC COM
.4	Input 2.4
.5	Input 2.5
.6	Input 2.6
.7	Input 2.7
*	
*	
3M	3M = DC COM
b.0	Input 3.0
.1	Input 3.1
.2	Input 3.2
.3	Input 3.3
*	
*	
4M	4M = DC COM
.4	Input 3.4
.5	Input 3.5
.6	Input 3.6
.7	Input 3.7







NO.	BY	DATE	REVISIONS	ELECTRICAL SCHEMATIC		DESIGNER:	SHEET TITLE:	
6.				MANUFACTURER		DRAWN BY:	CONTROL POWER LAYOUT	
5.				ADDRESS1		DATE:	PROJECT:	
4.				ADDRESS2		CHECKED BY:	--- PROJECT NAME ---	
3.				CONTACT_NAME		DATE:	RETROFIT RTU LIFT STATION DIAGRAM	
2.				CONTACT_NUMBER			JOB No:	SHEET OF
1.							12345678	7 11

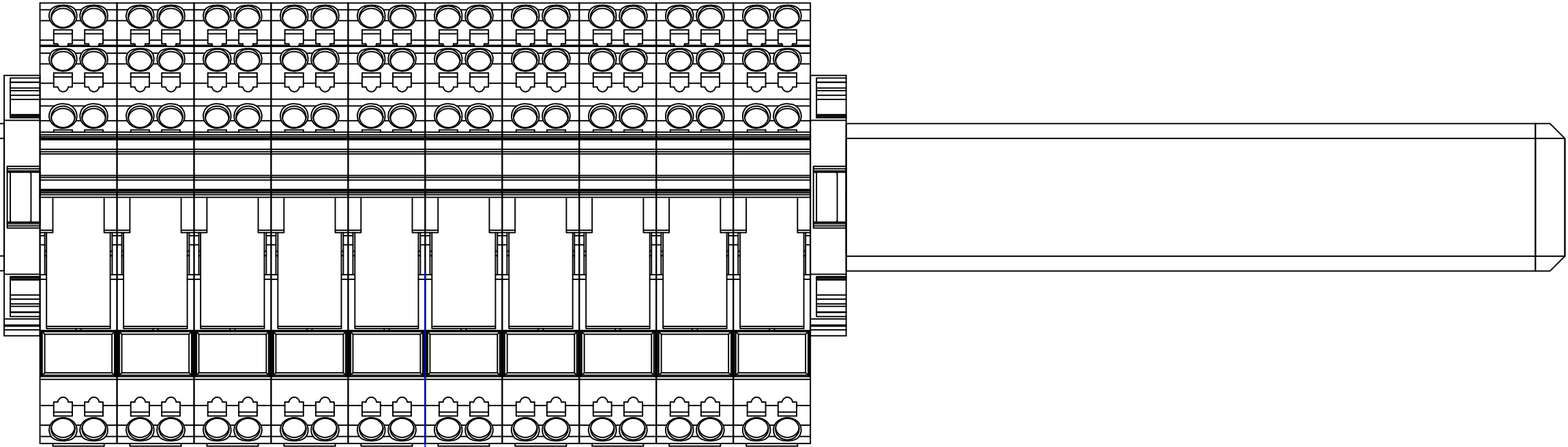
FROM
SHEET 7

G

W

R

CR9 - RELAY - SPARE
CR8 - RELAY -
GENERATOR REMOTE START
CR7 - RELAY - HORN SILENCE
CR6 - RELAY - SPARE
CR5 - RELAY - SPARE
CR4 - RELAY - SPARE
CR3 - RELAY - PUMP 3 START
CR2 - RELAY - PUMP 2 START
CR1 - RELAY - PUMP 1 START
CR0 - RELAY - SPARE



GENERAL NOTES:

- 1. ALL TERMINALS, RELAYS, SURGE SUPPRESSORS, BREAKERS, AND OTHER DEVICES MUST BE LABELED.
- 2. INSTALL PLUGGABLE JUMPERS (U) ON TERMINALS WHERE INDICATED. APPLY DIELECTRIC GREASE TO JUMPERS TO PREVENT CORROSION.
- 3. ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.

NO.	BY	DATE	REVISIONS
6.			
5.			
4.			
3.			
2.			
1.			

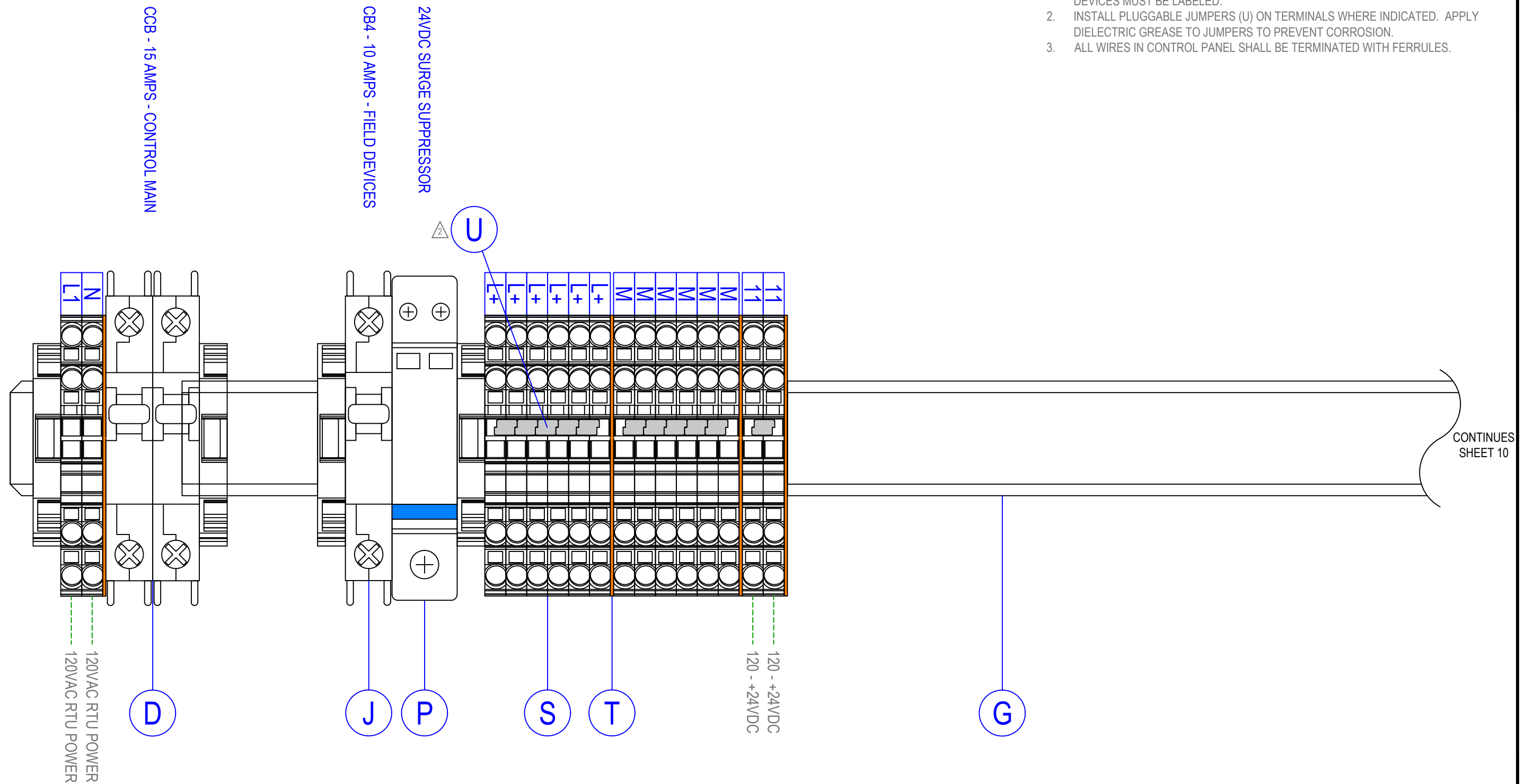
ELECTRICAL SCHEMATIC
MANUFACTURER
ADDRESS1
ADDRESS2
CONTACT_NAME
CONTACT_NUMBER




DESIGNER:
DRAWN BY:
DATE:
CHECKED BY:
DATE:

SHEET TITLE: RELAY LAYOUT	
PROJECT: --- PROJECT NAME ---	
RETROFIT RTU LIFT STATION DIAGRAM	
JOB No: 12345678	SHEET 8 OF 11

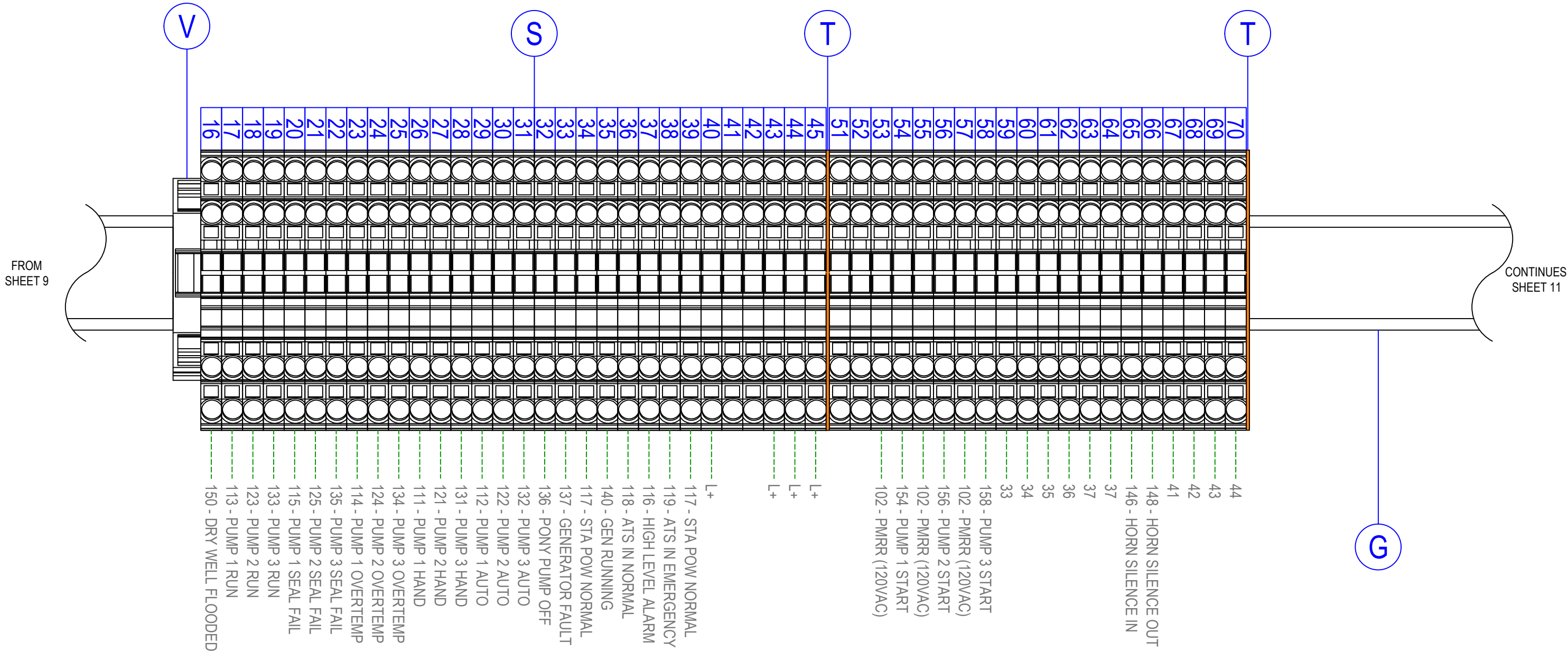
1. ALL TERMINALS, RELAYS, SURGE SUPPRESSORS, BREAKERS, AND OTHER DEVICES MUST BE LABELED.
2. INSTALL PLUGGABLE JUMPERS (U) ON TERMINALS WHERE INDICATED. APPLY DIELECTRIC GREASE TO JUMPERS TO PREVENT CORROSION.
3. ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.



NO.	BY	DATE	REVISIONS	<p>ELECTRICAL SCHEMATIC</p> <p>MANUFACTURER ADDRESS1 ADDRESS2</p> <p>CONTACT_NAME CONTACT_NUMBER</p>		DESIGNER:	SHEET TITLE: POWER TERMINAL BLOCK LAYOUT	
6.						DRAWN BY:	PROJECT: --- PROJECT NAME ---	
5.						DATE:	RETROFIT RTU LIFT STATION DIAGRAM	
4.						CHECKED BY:	JOB No:	SHEET OF
3.						DATE:	12345678	9 11
2.								
1.								

GENERAL NOTES:

1.
- ALL TERMINALS, RELAYS, SURGE SUPPRESSORS, BREAKERS, AND OTHER DEVICES MUST BE LABELED.
2.
- INSTALL PLUGGABLE JUMPERS (U) ON TERMINALS WHERE INDICATED. APPLY DIELECTRIC GREASE TO JUMPERS TO PREVENT CORROSION.
3.
- ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.



NO.	BY	DATE	REVISIONS
6.			
5.			
4.			
3.			
2.			
1.			

ELECTRICAL SCHEMATIC

MANUFACTURER
ADDRESS1
ADDRESS2

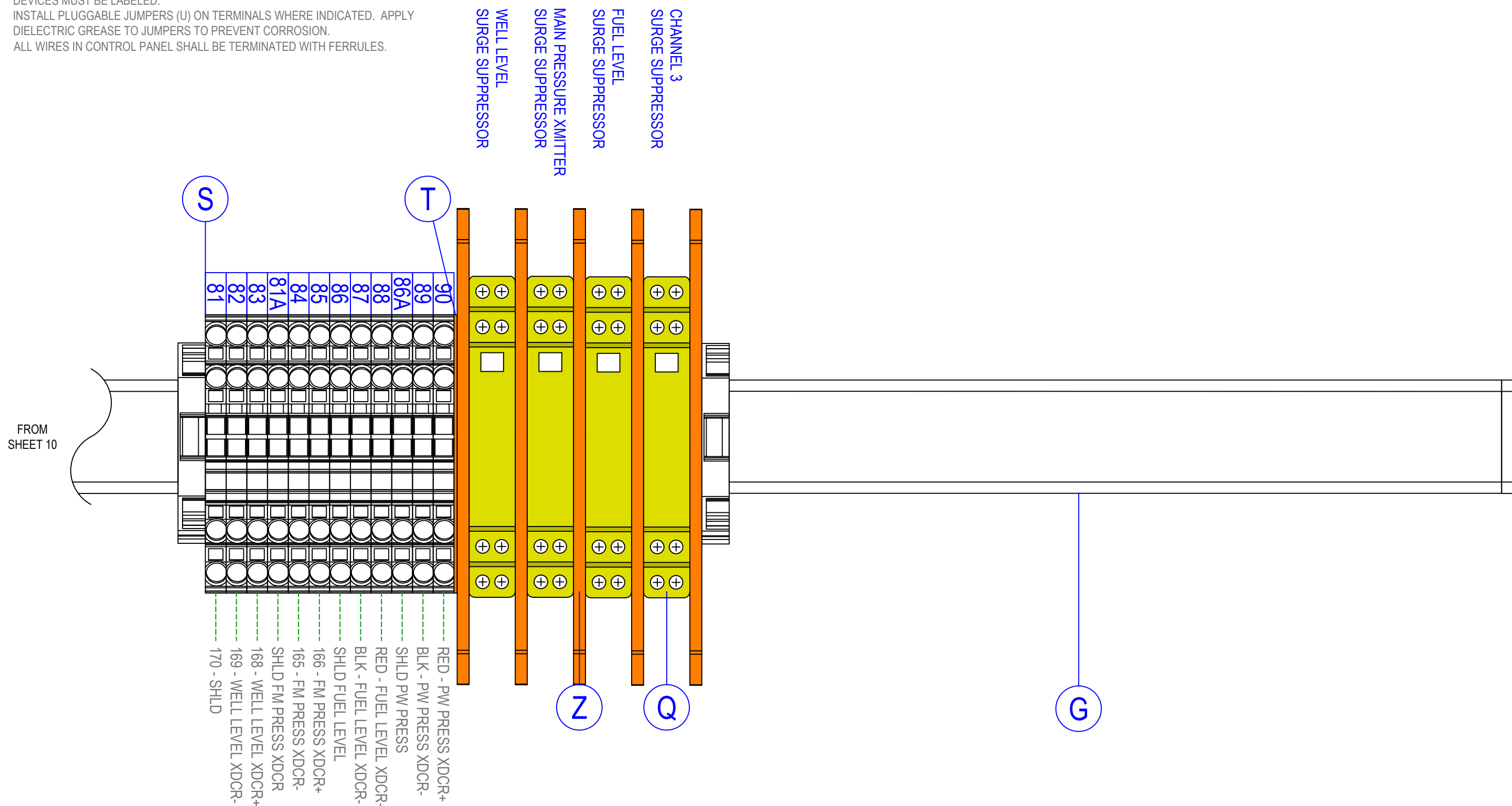
CONTACT_NAME
CONTACT_NUMBER




DESIGNER:
DRAWN BY:
DATE:
CHECKED BY:
DATE:

SHEET TITLE: REMOTE TERMINAL BLOCK LAYOUT	
PROJECT: --- PROJECT NAME ---	
RETROFIT RTU LIFT STATION DIAGRAM	
JOB No: 12345678	SHEET 10 OF 11

1. ALL TERMINALS, RELAYS, SURGE SUPPRESSORS, BREAKERS, AND OTHER DEVICES MUST BE LABELED.
2. INSTALL PLUGGABLE JUMPERS (U) ON TERMINALS WHERE INDICATED. APPLY DIELECTRIC GREASE TO JUMPERS TO PREVENT CORROSION.
3. ALL WIRES IN CONTROL PANEL SHALL BE TERMINATED WITH FERRULES.



NO.	BY	DATE	REVISIONS	<p>ELECTRICAL SCHEMATIC</p> <p>MANUFACTURER ADDRESS1 ADDRESS2</p> <p>CONTACT_NAME CONTACT_NUMBER</p>		DESIGNER:	SHEET TITLE:	
6.						DRAWN BY:	ANALOG TERMINAL BLOCK LAYOUT	
5.						DATE:	PROJECT: --- PROJECT NAME ---	
4.						CHECKED BY:	RETROFIT RTU LIFT STATION DIAGRAM	
3.						DATE:	JOB No:	SHEET OF
2.							12345678	11 11
1.								

Appendix B - Bid Form
96659 Pony Pump Upgrade RTU Back Panel Construction Services

Submit a scanned copy via e-mail to: David King, kinggd@jea.com along with other required forms.

Company Name: _____

Company's Address _____

Phone Number: _____ FAX No: _____ Email Address: _____

License Number: _____

BID SECURITY REQUIREMENTS

- ☒ None required
☐ Certified Check or Bond (Five Percent (5%))

TERM OF CONTRACT

- ☐ One Time Purchase
☐ Annual Requirements
☒ Other, Specify - Project Completion

SAMPLE REQUIREMENTS

- ☒ None required
☐ Samples required prior to Bid Opening
☐ Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- ☒ None required
☐ Bond required 100% of Bid Award

QUANTITIES

- ☐ Quantities indicated are exacting
☒ Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- ☐ 1% 20, net 30
☐ 2% 10, net 30
☐ Other _____
☐ None Offered

ENTER YOUR BID FOR RFQ 96695

TOTAL BID PRICE

Total Bid Price For The Project

\$

☐ **I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".**

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda

_____ Handwritten Signature of Authorized Officer of Company or Agent _____ Date

_____ through _____

_____ Printed Name and Title

Appendix B - Minimum Qualifications Form
96695 Pony Pump Upgrade RTU Back Panel Construction Services

THE MINIMUM QUALIFICATIONS SHALL BE SUBMITTED ON THIS FORM. IN ORDER TO BE CONSIDERED A QUALIFIED BIDDER BY JEA YOU MUST MEET THE MINIMUM QUALIFICATIONS LISTED BELOW, AND BE ABLE TO PROVIDE ALL THE SERVICES LISTED IN THIS SOLICITATION.

THE BIDDER MUST COMPLETE THE BIDDER INFORMATION SECTION BELOW AND PROVIDE ANY OTHER INFORMATION OR REFERENCE REQUESTED. THE BIDDER MUST ALSO PROVIDE ANY ATTACHMENTS REQUESTED WITH THIS MINIMUM QUALIFICATIONS FORM.

BIDDER INFORMATION

COMPANY NAME: _____

BUSINESS ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE: _____

FAX: _____

E-MAIL: _____

PRINT NAME OF AUTHORIZED REPRESENTATIVE: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: _____

MINIMUM QUALIFICATIONS:

Bidder shall have the following Minimum Qualifications to be considered eligible to submit a Bid in response to this Solicitation.

- Bidder must be an approved JEA Control Panel fabricator.

It is the responsibility of the Bidder to ensure and certify that it meets the Minimum Qualifications stated above. A Bidder not meeting all of the following criteria will have their Bid rejected.