CITY OF NAPLES, FLORIDA

AGREEMENT (PROFESSIONAL SERVICES)

Bid/Proposal No. 032-12

Contract No.

Project Name Pump Station Control Panels

THIS AGREEMENT (the "Agreement") is made and entered into this **2nd Day of May, 2012** by and between the **City of Naples**, a Florida municipal corporation, (the "CITY") and **Mader Electric Motors**, A Florida corporation, **18161 Tamiami Trail North, North Fort Myers, Florida 33903**, (the "CONTRACTOR").

WITNESSETH:

WHEREAS, the CITY desires to obtain the services of the CONTRACTOR concerning certain services specified in this Agreement (referred to as the "Project"); and

WHEREAS, the CONTRACTOR has submitted a proposal for provision of those services; and

WHEREAS, the CONTRACTOR represents that it has expertise in the type of professional services that will be required for the Project.

NOW, THEREFORE, in consideration of the mutual covenants and provisions contained herein, the parties hereto agree as follows:

ARTICLE ONE CONTRACTOR'S RESPONSIBILITY

1.1. The Services to be performed by CONTRACTOR are generally described as purchase of **pump station control panels for the sanitary sewer collections system**, and may be more fully described in the Scope of Services, attached as **Exhibit A** and made a part of this Agreement.

1.2. The CONTRACTOR agrees to obtain and maintain throughout the period of this Agreement all such licenses as are required to do business in the State of Florida, the City of Naples, and in Collier County, Florida, including, but not limited to, all licenses required by the respective state boards and other governmental agencies responsible for regulating and licensing the professional services to be provided and performed by the CONTRACTOR pursuant to this Agreement.

1.3. The CONTRACTOR agrees that, when the services to be provided hereunder relate to a professional service which, under Florida Statutes, requires a license, certificate of authorization or other form of legal entitlement to practice such services, it shall employ or retain only qualified personnel to provide such services.

1.4. CONTRACTOR agrees to employ and designate, in writing, within 5 calendar days after receiving its Notice to Proceed, or other directive from the CITY, a qualified licensed professional to serve as the CONTRACTOR's project manager (the "Project Manager"). The Project Manager shall be authorized and responsible to act on behalf of the CONTRACTOR with respect to directing, coordinating and administering all aspects of the services to be provided and performed under this Agreement.

1.5. The CONTRACTOR has represented to the CITY that it has expertise in the type of professional services that will be required for the Project. The CONTRACTOR agrees that all services to be provided by CONTRACTOR pursuant to this Agreement shall be subject to the CITY's review and approval and shall be in accordance with the generally accepted standards of professional practice in the State of Florida, as may be applied to the type of services to be rendered, as well as in accordance with all published laws, statutes, ordinances, codes, rules, regulations and requirements of any governmental agencies which regulate or have jurisdiction over the Project or the services to be provided and performed by CONTRACTOR. In the event of any conflicts in these requirements, the CONTRACTOR shall notify the CITY of such conflict and utilize its best professional judgment to advise CITY regarding resolution of the conflict.

1.6. The CONTRACTOR agrees not to divulge, furnish or make available to any third person, firm or organization, without CITY's prior written consent, or unless incident to the proper performance of the CONTRACTOR's obligations hereunder, or in the course of judicial or legislative proceedings where such information has been properly subpoenaed, any non-public information concerning the services to be rendered by CONTRACTOR hereunder, and CONTRACTOR shall require all of its employees, agents, subconsultants and subcontractors to comply with the provisions of this paragraph. However, the CONTRACTOR shall comply with the Florida Public Records laws.

1.7 The CONTRACTOR agrees not to employ or offer to employ any Elected Officer or City Managerial Employee of the CITY who in any way deals with, coordinates on, or assists with, the professional services provided in this Agreement, for a period of 2 years after termination of all provisions of this Agreement. For purposes of this paragraph, the term "Elected Officer" shall mean any member of the City Council. For purposes of this paragraph, the term "City Managerial Employee" shall mean the City Manager, the Assistant City Manager, the City Clerk, and any City department head or director. If the CONTRACTOR violates the provisions of this paragraph, the CONTRACTOR shall be required to pay damages to the CITY in an amount equal to any and all compensation which is received by the former Elected Officer or City Managerial Employee of the CITY from or on behalf of the contracting person or entity, or an amount equal to the former Elected Officer's or City Managerial Employee's last 2 years of gross compensation from the CITY, whichever is greater.

1.8 The CONTRACTOR agrees not to provide services for compensation to any other party other than the CITY on the same subject matter, same project, or scope of services as set forth in this Agreement without approval from the City Council of the CITY.

1.9. Except as otherwise provided in this Agreement, the CONTRACTOR agrees not to disclose or use any information not available to members of the general public and gained by reason of the CONTRACTOR's contractual relationship with the CITY for the special gain or benefit of the CONTRACTOR or for the special gain or benefit of any other person or entity.

ARTICLE TWO CITY'S RESPONSIBILITIES

2.1. The CITY shall designate in writing a project coordinator to act as the CITY's representative with respect to the services to be rendered under this Agreement (the "Project Coordinator"). The Project Coordinator shall have authority to transmit instructions, receive information, interpret and define the CITY's policies and decisions with respect to the CONTRACTOR's services for the Project. However, the Project Coordinator is not authorized to issue any verbal or written orders or instructions to the CONTRACTOR that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatever:

- (a) The scope of services to be provided and performed by the CONTRACTOR;
- (b) The time the CONTRACTOR is obligated to commence and complete all such services; or

(c) The amount of compensation the CITY is obligated or committed to pay the CONTRACTOR. Rev. 8/13/08 2 Any such modifications or changes ((a) (b) or (c)) shall only be made by or upon the authorization of the CITY's city manager as authorized by city council in the enabling legislation or in the CITY's procurement policies.

2.2. The Project Coordinator shall:

(a) Review and make appropriate recommendations on all requests submitted by the CONTRACTOR for payment for services and work provided and performed in accordance with this Agreement;

(b) Arrange for access to and make all provisions for the CONTRACTOR to enter the Project site to perform the services to be provided by the CONTRACTOR under this Agreement; and

(c) Provide notice to the CONTRACTOR of any deficiencies or defects discovered by the CITY with respect to the services to be rendered by the CONTRACTOR hereunder.

2.3. The CONTRACTOR acknowledges that access to the Project Site, to be arranged by the CITY for the CONTRACTOR, may be provided during times that are not the normal business hours of the CONTRACTOR.

ARTICLE THREE TIME

3.1. Services to be rendered by the CONTRACTOR shall be commenced subsequent to the execution of this Agreement upon written Notice to Proceed from the CITY for all or any designated portion of the Project must be completed **before May 2, 2013 with the option to renew for two one-year renewal periods.**

3.2. Should the CONTRACTOR be obstructed or delayed in the prosecution or completion of its services as a result of unforeseeable causes beyond the control of the CONTRACTOR, and not due to its own fault or neglect, including but not restricted to acts of God or of public enemy, acts of government or of the CITY, fires, floods, epidemics, quarantine regulations, strikes or lock-outs, then the CONTRACTOR shall notify the CITY in writing within 5 working days after commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which the CONTRACTOR may have had to request a time extension.

3.3. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the CONTRACTOR's services from any cause whatsoever, including those for which the CITY may be responsible in whole or in part, shall relieve the CONTRACTOR of its duty to perform or give rise to any right to damages or additional compensation from the CITY. The CONTRACTOR's sole remedy against the CITY will be the right to seek an extension of time to its schedule. This paragraph shall expressly apply to claims for early completion, as well as claims based on late completion.

3.4. Should the CONTRACTOR fail to commence, provide, perform or complete any of the services to be provided hereunder in a timely and reasonable manner, in addition to any other rights or remedies available to the CITY hereunder, the CITY at its sole discretion and option may withhold any and all payments due and owing to the CONTRACTOR until such time as the CONTRACTOR resumes performance of its obligations hereunder in such a manner so as to reasonably establish to the CITY's satisfaction that the CONTRACTOR's performance is or will shortly be back on schedule.

ARTICLE FOUR COMPENSATION

4.1. The total compensation to be paid the CONTRACTOR by the CITY for all Services shall not exceed **\$160,000** and shall be paid in the manner set forth in the "Basis of Compensation", which is attached as **Exhibit B** and made a part of this Agreement.

ARTICLE FIVE MAINTENANCE OF RECORDS

5.1. The CONTRACTOR will keep adequate records and supporting documentation which concern or reflect its services hereunder. The records and documentation will be retained by the CONTRACTOR for a minimum of five 5 years from the date of termination of this Agreement or the date the Project is completed, whichever is later. The CITY, or any duly authorized agents or representatives of the CITY, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the 5 year period noted above; provided, however, such activity shall be conducted only during normal business hours. If the CONTRACTOR desires to destroy records prior to the minimum period, it shall first obtain permission from the CITY in accordance with the Florida Public Records laws.

ARTICLE SIX **INDEMNIFICATION**

6.1. The CONTRACTOR agrees to indemnify and hold harmless the City from liabilities, damages, losses and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONTRACTOR and persons employer or utilized by the CONTRACTOR in the performance of the Contract.

ARTICLE SEVEN INSURANCE

7.1. CONTRACTOR shall obtain and carry, at all times during its performance under this Agreement, insurance of the types and in the amounts set forth in the document titled General Insurance Requirements, which is attached as Exhibit C and made a part of this Agreement.

ARTICLE EIGHT SERVICES BY CONTRACTOR'S OWN STAFF

The services to be performed hereunder shall be performed by the CONTRACTOR's own staff, unless 8.1. otherwise authorized in writing by the CITY. The employment of, contract with, or use of the services of any other person or firm by the CONTRACTOR, as independent contractor or otherwise, shall be subject to the prior written approval of the CITY. No provision of this Agreement shall, however, be construed as constituting an agreement between the CITY and any such other person or firm. Nor shall anything contained in this Agreement be deemed to give any such party or any third party any claim or right of action against the CITY beyond such as may otherwise exist without regard to this Agreement.

ARTICLE NINE WAIVER OF CLAIMS

9.1. The CONTRACTOR's acceptance of final payment shall constitute a full waiver of any and all claims, except for insurance company subrogation claims, by it against the CITY arising out of this Agreement or otherwise related to the Project, except those previously made in writing and identified by the CONTRACTOR as unsettled at the time of the final payment. Neither the acceptance of the CONTRACTOR's services nor payment by the CITY shall be deemed to be a waiver of any of the CITY's rights against the CONTRACTOR.

ARTICLE TEN TERMINATION OR SUSPENSION

The CONTRACTOR shall be considered in material default of this Agreement and such default will be 10.1. considered cause for the CITY to terminate this Agreement, in whole or in part, as further set forth in this section, Rev. 8/13/08 4

for any of the following reasons: (a) failure to begin work under the Agreement within the times specified under the Notice(s) to Proceed, or (b) failure to properly and timely perform the services to be provided hereunder or as directed by the CITY, or (c) the bankruptcy or insolvency or a general assignment for the benefit of creditors by the CONTRACTOR or by any of the CONTRACTOR's principals, officers or directors, or (d) failure to obey laws, ordinances, regulations or other codes of conduct, or (e) failure to perform or abide by the terms or spirit of this Agreement, or (f) for any other just cause. The CITY may so terminate this Agreement, in whole or in part, by giving the CONTRACTOR at least **3** calendar days' written notice.

10.2. If, after notice of termination of this Agreement as provided for in paragraph 10.1 above, it is determined for any reason that the CONTRACTOR was not in default, or that its default was excusable, or that the CITY otherwise was not entitled to the remedy against the CONTRACTOR provided for in paragraph 10.1, then the notice of termination given pursuant to paragraph 10.1 shall be deemed to be the notice of termination provided for in paragraph 10.3 below and the CONTRACTOR's remedies against the CITY shall be the same as and limited to those afforded the CONTRACTOR under paragraph 10.3 below.

10.3. The CITY shall have the right to terminate this Agreement, in whole or in part, without cause upon 7 calendar day's written notice to the CONTRACTOR. In the event of such termination for convenience, the CONTRACTOR's recovery against the CITY shall be limited to that portion of the fee earned through the date of termination, together with any retainage withheld and any costs reasonably incurred by the CONTRACTOR that are directly attributable to the termination, but the CONTRACTOR shall not be entitled to any other or further recovery against the CITY, including, but not limited to, anticipated fees or profits on work not required to be performed.

ARTICLE ELEVEN CONFLICT OF INTEREST

11.1. The CONTRACTOR represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder. The CONTRACTOR further represents that no persons having any such interest shall be employed to perform those services.

ARTICLE TWELVE MODIFICATION

12.1. No modification or change in this Agreement shall be valid or binding upon the parties unless in writing and executed by the party or parties intended to be bound by it.

ARTICLE THIRTEEN NOTICES AND ADDRESS OF RECORD

13.1. All notices required or made pursuant to this Agreement to be given by the CONTRACTOR to the CITY shall be in writing and shall be delivered by hand or by United States Postal Service Department, first class mail service, postage prepaid, return receipt requested, addressed to the following CITY's address of record:

City of Naples 735 Eighth Street South Naples, Florida 34102-3796 Attention: A. William Moss, City Manager

13.2. All notices required or made pursuant to this Agreement to be given by the CITY to the CONTRACTOR shall be made in writing and shall be delivered by hand or by the United States Postal Service Department, first class mail service, postage prepaid, return receipt requested, addressed to the following CONTRACTOR's address of record:

Mader Electric Motors 18161 Tamiami Trail North North Fort Myers, FL 33903 Attn: Jeremy Mader, Vice President

13.3. Either party may change its address of record by written notice to the other party given in accordance with requirements of this Article.

ARTICLE FOURTEEN MISCELLANEOUS

14.1. The CONTRACTOR, in representing the CITY, shall promote the best interest of the CITY and assume towards the CITY a duty of the highest trust, confidence, and fair dealing.

14.2. No modification, waiver, suspension or termination of the Agreement or of any terms thereof shall impair the rights or liabilities of either party.

14.3. This Agreement is not assignable, in whole or in part, by the CONTRACTOR without the prior written consent of the CITY.

14.4. Waiver by either party of a breach of any provision of this Agreement shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Agreement.

14.5. The headings of the Articles, Exhibits, Parts and Attachments as contained in this Agreement are for the purpose of convenience only and shall not be deemed to expand, limit or change the provisions in such Articles, Exhibits, Parts and Attachments.

14.6. This Agreement constitutes the entire agreement between the parties hereto and shall supersede, replace and nullify any and all prior agreements or understandings, written or oral, relating to the matter set forth herein, and any such prior agreements or understanding shall have no force or effect whatever on this Agreement.

Sec. 14. 7. The CONTRACTOR shall comply fully with all provisions of state and federal law, including without limitation all provisions of the Immigration Reform and Control Act of 1986 ("IRCA") as amended, as well as all related immigration laws, rules, and regulations pertaining to proper employee work authorization in the United States. The CONTRACTOR shall execute the Certification of Compliance with Immigration Laws, attached hereto as **Exhibit "D"**.

ARTICLE FIFTEEN APPLICABLE LAW

15.1. Unless otherwise specified, this Agreement shall be governed by the laws, rules, and regulations of the State of Florida, and by the laws, rules and regulations of the United States when providing services funded by the United States government. Any suit or action brought by either party to this Agreement against the other party relating to or arising out of this Agreement must be brought in the appropriate Florida state court in Collier County, Florida.

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

ATTEST:

By: ____

CITY:

CITY OF NAPLES, FLORIDA, A Municipal Corporation

By: ____

A. William Moss, City Manager

Approved as to form and legal sufficiency:

By: _____

Robert D. Pritt, City Attorney

Tara A. Norman, City Clerk

CONTRACTOR: Mader Electrical Motors A Florida Corporation

By: _____

Witness

Its _____

(CORPORATE SEAL)

General Contract (not Architects/Engineers)

EXHIBIT A

SCOPE OF SERVICES

WASTEWATER PUMP STATION DUPLEX / TRIPLEX CONTROL PANELS

PURPOSE

The purpose of this bid is to obtain competitive pricing for the purchase of Wastewater Pump Station Duplex and Triplex Control Panels, as specified in the Minimum Specifications herein, for the City of Naples Utilities Maintenance Division Pump Station(s):

- Duplex Control Panel, 2 Pumps ranging from 2 HP to 20HP ea., 230V Delta, 4 Wire, 3 Phase, 60Hz, and Full Load Amp rating determined by pump horsepower for which panel is specified.
- Duplex Control Panel, 2 Pumps ranging from 20HP to 60HP ea., 480V WYE, 4 Wire, 3 Phase, 60Hz and Full Amp Load Rating determined by pump horse power for which panel is specified.
- Triplex Control Panel, 3 Pumps ranging from 20 HP to 50HP, 480V WYE, 4 Wire, 3 Phase, 60Hz, and Full Amp Load Rating determined by horsepower for which panel is specified.

PRICES/DELIVERY

- The cost proposal shall be inclusive of any freight, transportation, handling, delivery, surcharges, or any other incidental charges. The proposal shall be exclusive of any Federal or State taxes, as the City of Naples is exempt from payment of such taxes, unless otherwise stated in these documents.
- The bidder must indicate all applicable discounts (if any) on the Bid Schedule, which will be made part of the bid proposal.

All prices quoted will remain firm for the length of the entire contract (1 year; including two additional one-year renewal periods).

All products and/or materials shall be new, and shall be warranted against any defects in materials and workmanship for 24 months. This period of manufacture's warranty shall begin to run at the time the item or materials are received, inspected, and installed by a representative of the City.

The elected firm shall ensure that any factory service required while an item or items are under warranty shall be performed at the nearest authorized dealer, with no extra charge of any nature. Any defective part, components, or assembly which will not fulfill, or that would jeopardize the end functional use of the item, shall be replaced at no extra charge to the City, inclusive of the return of the item/equipment and return delivery of the same at no extra charge.

These panels/accessories are described in "Bid Schedule" of this bid document. The City of Naples may elect to add additional size Pump Control panels to this contract at any time our facilities are expanded to incorporate additional pump control systems. The awarded vendor shall also understand that many of the units described herein are under the responsibility of different Departments/Divisions, and may require individual purchase orders for the various Departments/Divisions.

BID EXCEPTIONS

Any exceptions to the specifications contained in this bid must be clearly noted on a separate sheet of paper and included with the bid proposal.

TECHNICAL INFORMATION/DOCUMENTATION REQUIRED UPON AWARD

- Upon award of each unit, the bidder/manufacturer shall supply As-Built Submittals (if the design is different or more detailed than the original bid proposal).
- 2. Upon delivery of awarded unit(s): Each unit shall be supplied with the following:
 - a. A laminated As-Built power/control circuitry drawing, mounted on the inside of the outer door.
 - b. Two (2) copies of the As-Built power/control circuitry drawings, and all Parts Lists, supplied on 8.5" by 11" sheets.
- 3. Two (2) copies of all Drawings (in ACAD 2004 DWG Format) and Parts lists to be supplied on CD.
- 4. Two (2) copies Data Cut Sheets and/or O&M manuals for all components and equipment supplied.

ACCURACY

This Division has made every attempt to assure that the accuracy and functionality of the specified control panels has been met. If a problem or error is found in these specifications/drawings, please make sure that we are contacted so that the situation can be resolved prior to completion and delivery of the units.

MINIMUM CONTRACT SERVICE REQUIREMENTS

The contract shall be for a one-year period. Two additional one-year renewal terms are available based on the mutual agreement of both parties.

Bidders shall have a servicing office within the Collier or Lee County boundaries and shall provide an address for that office. In addition, due to both essential and critical needs for maintaining quality of life and public health, bidders shall be able to furnish Panels in time stipulated in Bid Schedule.

All invoices will clearly state Department and delivery address, person placing order, purchase order number, invoice number, model number, serial number, horse power rating and voltage, unit price of product, total price of invoice, delivery date, and quantity of each product for each item.

If any item as part of Control Panel becomes unserviceable while under warranty then a replacement (loaner) item will be issued within 30 days until said item has been repaired. If item cannot be repaired a NEW item (no reconditioned units) will be issued in its place.

SPECIFICATIONS

LOCATION:

The control panels described in this section will be installed at the City of Naples Pump Stations and other facilities.

POWER/LOAD REQUIREMENTS:

These pump stations will be supplied with 220 VAC Single Phase; a four (4) wire, three (3) phase 230 VAC Delta; or a four (4) wire, three (3) phase 460 VAC WYE power service supplied by Florida Power & Light Co., to a new meter and main safety disconnect rack system supplied by the City. The components of the control panel shall be rated as depicted in the Bid Schedule.

INSTALLATION:

The installation of the control panel and peripheral equipment will be performed by the City of Naples Maintenance personnel and the City's Electrical Contractor.

START-UP:

The control panel manufacturer shall supply a technical representative for an on-site inspection and start-up of the supplied equipment, if requested by the Utilities Maintenance Supervisor. This start-up shall be scheduled through the Utilities Maintenance Supervisor.

DETAIL SPECIFICATIONS:

The specifications for the required Control Panels, equipment, materials, and detailed wiring guidelines are provided in the attached Drawing Sheets "SHEET WW-23" through "SHEET WW-59" for Pump Stations (Exhibit A).

The specification requirements shall be strictly adhered to. Any variations of construction, materials, and/or details shall be clearly noted, fully explained, and supplied with the bid proposal. Failure to provide thorough and acceptable explanation data, could result in an rejected bid proposal.

REQUIRED DOCUMENTATION:

The bidder shall provide the following documentation with their bid proposal:

a. The panel enclosure make and model number with all dimensions clearly labeled. Enclosures to be sized to properly accommodate all specified components and proper spacing requirements.

b. A detailed drawing of the dead-front panel layout, with all components numbered, and a glossary of component descriptions. This drawing must be equal in quality of Sheet WW-23 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-32 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-41 for Duplex 220 VAC Single Phase Panels, and Sheet WW-50 for Triplex 460 VAC, 3 Phase Panels.

c. A detailed drawing of the back plate component layout, with all components numbered, and a glossary of component descriptions. This drawing must be equal in quality of Sheet WW-24 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-33 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-42 for Duplex 220 VAC Single Phase Panels, and Sheet WW-51 for Triplex 460 VAC, 3 Phase Panels.

d. A detailed Ladder Wiring Diagram of the power distribution and control circuitry. The drawing(s) must be equal in quality of Sheets WW-25 & WW-26 for Duplex 230 VAC, 3 Phase Panels; Sheets WW-34 & WW-35 for Duplex 460 VAC, 3 Phase Panels; Sheets WW-43 & WW-44 for Duplex 220 VAC Single Phase Panels; and Sheets WW-52, WW-53, & WW-54 for Triplex 460 VAC, 3 Phase Panels.

e. A detailed drawing of the Radio Telemetry Interface Terminal Strips TB6A and TB6B. This drawing must be equal in quality of Sheet WW-27 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-36 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-45 for Duplex 220 VAC Single Phase Panels, and Sheet WW-55 for Triplex 460 VAC, 3 Phase Panels.

f. A detailed drawing of the Junction/Terminal Box, showing all dimensions, quantities of materials, terminals, and layout. This drawing must be equal in quality of Sheet WW-28 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-37 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-46 for Duplex 220 VAC Single Phase Panels, and Sheet WW-56 for Triplex 460 VAC, 3 Phase Panels.

g. A complete itemized component parts list (Schedule of Materials) shall be supplied. This list must be equal in quality of Sheet WW-29 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-38 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-47 for Duplex 220 VAC Single Phase Panels, and Sheet WW-57 for Triplex 460 VAC, 3 Phase Panels.

h. A complete itemized detailed list of all required Panel Labeling shall be supplied. This list must be equal in quality of Sheet WW-31 for Duplex 230 VAC, 3 Phase Panels; Sheet WW-40 for Duplex 460 VAC, 3 Phase Panels, Sheet WW-49 for Duplex 220 VAC Single Phase Panels, and Sheet WW-59 for Triplex 460 VAC, 3 Phase Panels.

EXHIBIT B

BASIS OF COMPENSATION

BID SCHEDULE

PUMP STATION CONTROL PANELS

ITEM	DESCRIPTION	DELIVERED PRICE
1.	One (1) Duplex Pump Station Control Panel as Specified herein for 2HP 230V.	\$ 8,700,°°
	Delivery of Unit 35 Days ARO	
2.	One (1) Duplex Pump Station Control Panel as Specified herein for 3HP 230V.	\$ 9,500.00
	Delivery of Unit <u>35</u> Days ARO	
3.	One (1) Duplex Pump Station Control Panel as Specified herein for 5HP 230V.	\$ 9,750.00
	Delivery of Unit 35 Days ARO	
4.	One (1) Duplex Pump Station Control Panel as Specified herein for 7.5 HP 230V.	\$ 10,100, 00
	Delivery of Unit 35 Days ARO	
5.	One (1) Duplex Pump Station Control Panel as Specified herein for 10HP 230V.	\$ 10,300.00
	Delivery of Unit 35 Days ARO	
6.	One (1) Duplex Pump Station Control Panel as Specified herein for 15 HP 230V.	\$ 12,300.00
	Delivery of Unit 35 Days ARO	
7.	One (1) Duplex Pump Station Control Panel as Specified herein for 20HP 230V.	\$ 13,500.00
	Delivery of Unit 35 Days ARO	:

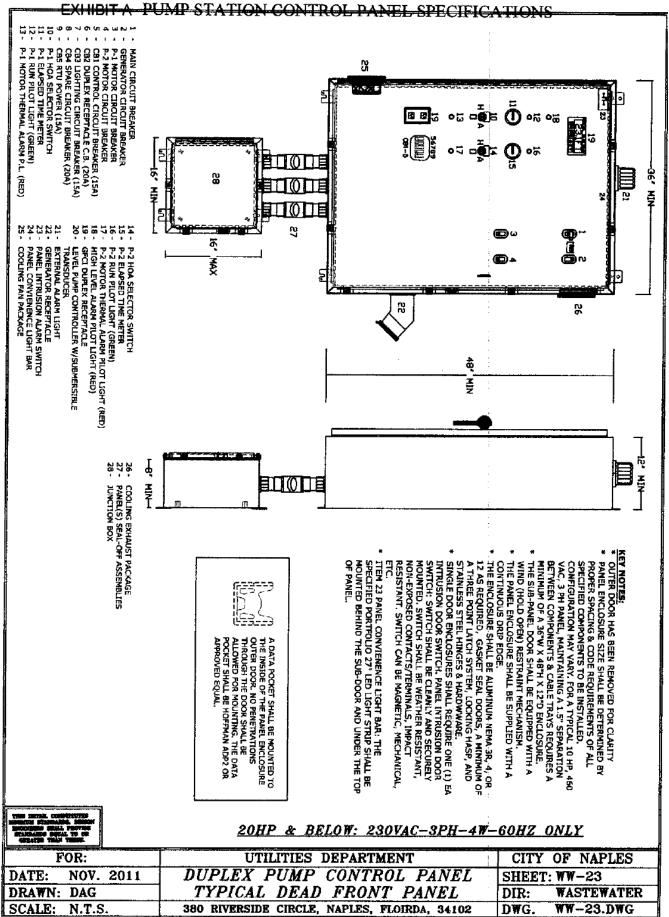
8.	One (1) Duplex Pump Station Control Panel as Specified herein for 10HP 480V.	<u>s 12,600.00</u>
	Delivery of Unit <u>35</u> Days ARO	
9.	One (1) Duplex Pump Station Control Panel as Specified herein for 15HP 480V.	\$ 13, 100,00
	Delivery of Unit 35 Days ARO	
10.	One (1) Duplex Pump Station Control Panel as Specified herein for 20HP 480V.	\$ 13,600.00
	Delivery of Unit 35 Days ARO	
11.	One (1) Duplex Pump Station Control Panel as Specified herein for 30HP 480V.	\$ 17,400.00
	Delivery of Unit 35 Days ARO	
12.	One (1) Duplex Pump Station Control Panel as Specified herein for 35HP 480V.	\$ 16,500.00
	Delivery of Unit 35 Days ARO	:
13.	One (1) Duplex Pump Station Control Panel as Specified herein for 47HP 480V.	\$ 18,550.00
	Delivery of Unit 35 Days ARO	
14.	One (1) Triplex Pump Station Control Panel as Specified herein for 20HP 480V.	\$ 19,000.00
	Delivery of Unit 35 Days ARO	
15.	One (1) Triplex Pump Station Control Panel as Specified herein for 50HP 480V.	\$ 26,000.00
	Delivery of Unit 35 Days ARO	
	GRAND TOTAL	\$ ⊋10,900. °°

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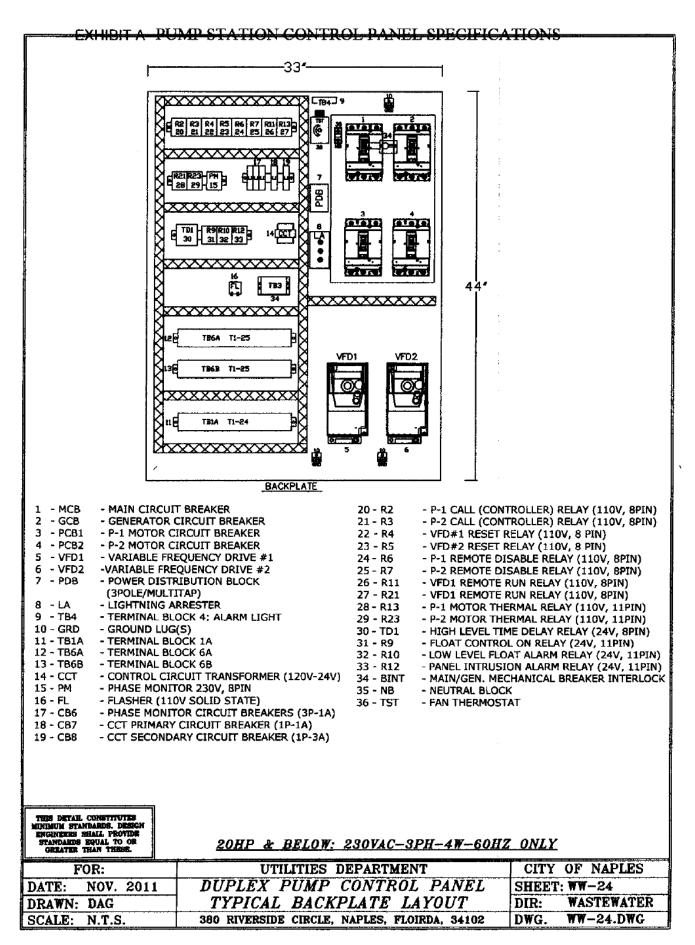
LOCAL SERVICE Area for REPAIR

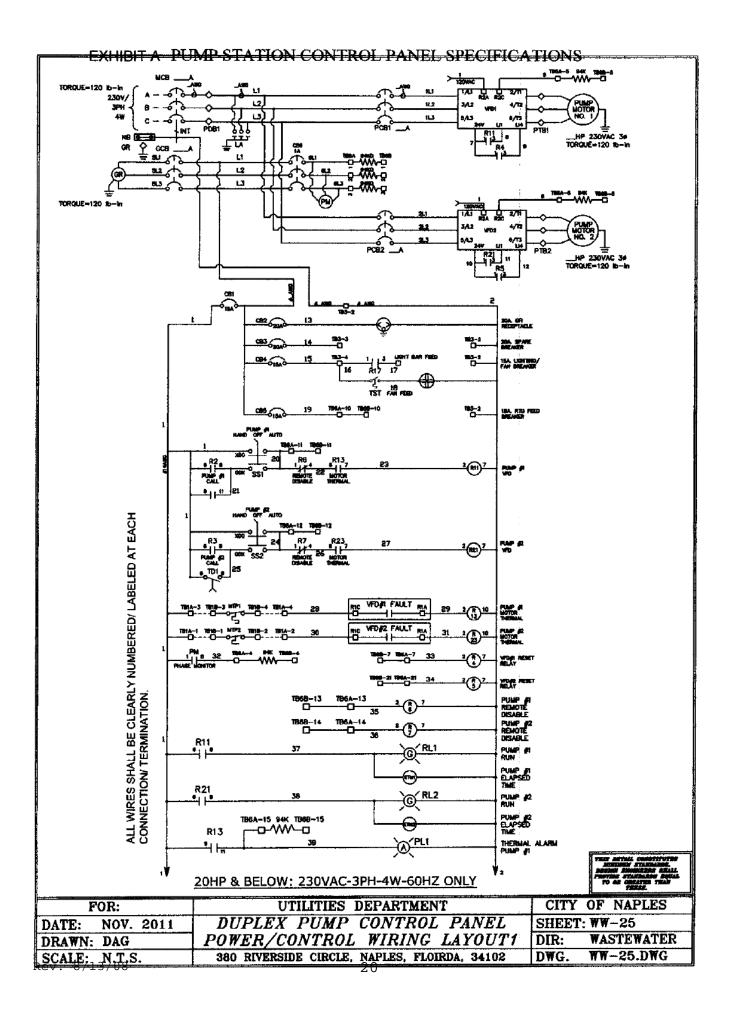
Address: <u>Mader Electric Motors</u> 18161 N. Tamiami Tr. N. Ft. Myers, FL. 33903 Required Documentation as listed on pages 15 and 16. Y/N Y/N c. Y/N g. Y/N b. a. Y/N d. Y (N) Y (N) f. g. h. e. Attach all bid exceptions, drawings, and required documentation to this Not required with bid per addendum # 1, item 10. page.

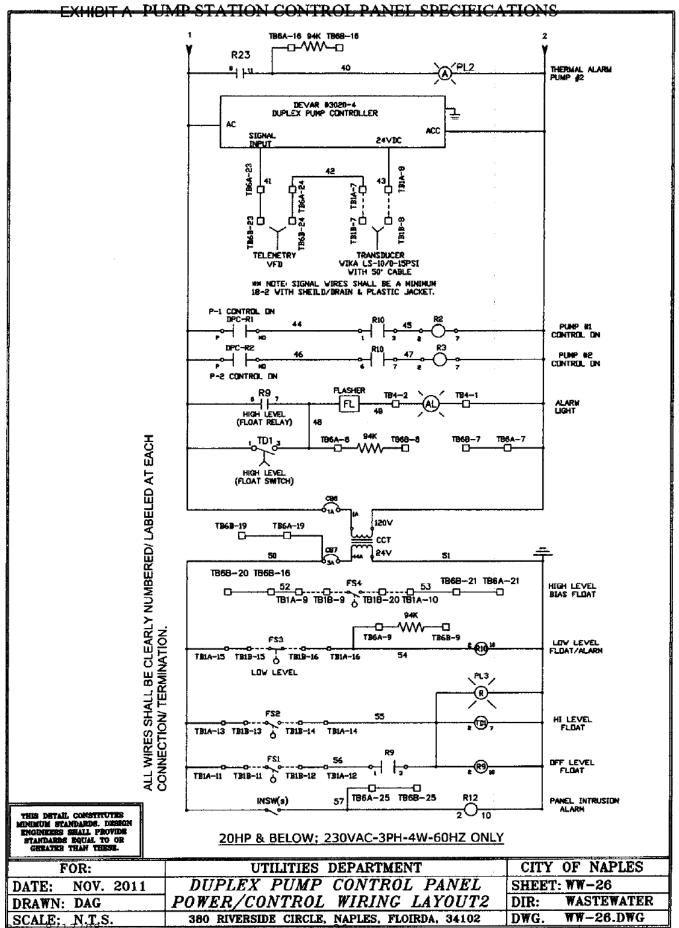
(i) Decipion Decipion 1: 1: 0: 2: 0:	Detail No. Description Dby 230 VAC - 3 PH: 20HP & BELOW DUPLEX CONTROL PANEL Dby WW-23 Dptks: Pump Coartol Panel Typical Dead Proof Tacl (230VAC/3FH: <==20HP) Dby WW-24 Dupter: Pump Coartol Panel Panel Typical Back Plane (230VAC/3FH: <==20HP) WW-24 Dupter: Pump Coartol Panel Panel Typical Back Plane (230VAC/3FH: <==20HP) WW-25 Dupter: Pump Coartol Panel Panel Panel Coartol Panel Panel COARTOPH Panel (200VAC/3FH: <==20HP) WW-25 Dupter: Pump Coartol Panel Panel Panel Panel COARTOPH Panel (200VAC/3FH: <==20HP) WW-25 Dupter: Pump Coartol Panel Panel Panel Panel Panel Panel (230VAC/3FH: <==20HP)
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Industry W-05 W-05 W-05 W-06 W-05 W-10 W-10 W-13 W-13 W-13 W-13 W-16 W-19 W-20 W-20 W-20 W-20 W-21 W-20 W-20 W-21 W-20 W-20 W-20 W-20 W-20 W-20 W-20 W-20 W-20 WW-20 WW-20 WW-20 WW-20	1y WW-25 WW-25 WW-25
Inductry W-465 W-465 W-465 W-465 W-465 W-465 W-465 W-465 W-465 W-413 W-414 W-13 W-14 W-14 W-13 W-15 W-14 W-16 W-19 W-19 W-19 W-19 W-19 W-19 W-14 W-19 W-12 W-19 W-14 W-10 W-10 W-10 W-14 WW-26 WW-26 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-16 WW-20 WW-20 WW-20 WW-2	ly WW-25 WW-26
Industry W-40 W-10 W-10 W-11 W-12 W-14 W-14 W-14 W-16 W-19 W-19 W-19 W-20 W-20 W-20 W-20 W-20 W-20 W-20 W-20	WW-26
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Indexery W-10 W-13 W-14 W-15 W-15 W-16 W-16 W-19 W-19 W-21 W-21 W-21 W-21 WW-02 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-11 WW-12 WW-13 WW-14 WW-15 WW-14 WW-15 WW-12 WW-15 WW-12 WW-20 WW-20 WW-12 WW-20 WW-12 WW-20 WW-2	WW-29
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W-14 W-15 W-15 W-16 W-19 W-20 W-20 W-21 W-21 W-21 W-22 W-23 WW-05 WW-03 WW-03 WW-03 WW-04 WW-04 WW-14 WW-15 WW-20 WW-15 WW-20 WW-15 WW-20 WW-15 WW-20	460 VAC - 3 PH: DI IPI EX CONTROL PANEL.
W-15 W-15 W-19 W-19 W-19 W-20 W-21 W-21 W-21 W-22 W-22 W-22 WW-03 WW-11 WW-11 WW-12 WW-13 WW-23	WW-32 Duplex Pump Control Panel Typical Dead Front Panel (460VAC/3PH)
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W-20 W-21 W-21 W-21 W-21 W-22 W-20 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-05 WW-10 WW-10 WW-10 WW-11 WW-12 WW-12 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-13 WW-20 WW-13 WW-20 W	W W-30 Luphex Pump Control Panel K1U Interace Terminal Detail (460VAC/3PH) WW-27 Durder Pums Control L Roy Bashalase Lauras 142004 A CIDER
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Detail No. WW-01 WW-02 WW-03 WW-05 WW-16 WW-16 WW-15 WW-16 WW-16 WW-16 WW-16 WW-17 WW-18 WW-19 WW-16 WW-17 WW-18 WW-20 WW-21 WW-21 WW-21 WW-22 WW-22 WW-22 WW-22 WW-22 WW-22	WW-41 Duplex Pump Control Panel Typical Dead Front Panel (220V AC/IPH)
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WW-00 WW-09 WW-10 WW-11 WW-12 WW-12 WW-12 WW-15 WW-15 WW-15 WW-16 WW-20 WW-20 WW-21 WW-20 WW-21 WW-21 WW-22 WW-22	
WW-498 WW-10 WW-10 WW-10 WW-11 WW-12 WW-12 WW-13 WW-14 WW-16 WW-16 WW-16 WW-16 WW-20 WW-20 WW-20 WW-20	
WW-09 WW-10 WW-11 WW-13 WW-13 WW-14 WW-16 WW-16 WW-19 WW-19 WW-20 WW-20 WW-20 WW-20	W W-50 Iriplex Pump Control Panel Typical Dead Front Panel (460VAC/3PH) Wat 51 Televe transf Control Panel Weiter In 24 Weiter Stores Control
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WW-14 WW-15 WW-16 WW-18 WW-19 WW-29 WW-20 WW-21 WW-20	
	WW-56 Triplex Pump Control J-Box Backplate Layout (460VAC/3PR)
	W W-57 11 Fiber Fump Control Schedule of Materials (460VAC/3PH) WW-58 Trinler Fumo Control Panel Nation / Act/3DH2
	rice Itan
	FOR: UTILITIES ENGINEERING DIVISION CHTY OF NAPLES
DATE	V. 2011
	N: JAF INDEX OF DETAILS

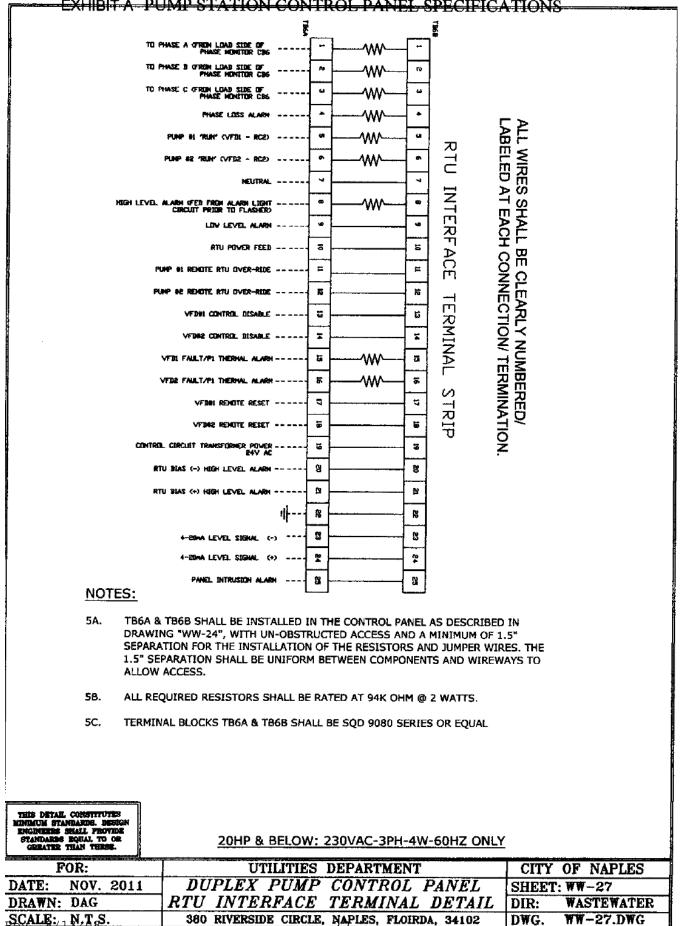


Rev. 8/13/08



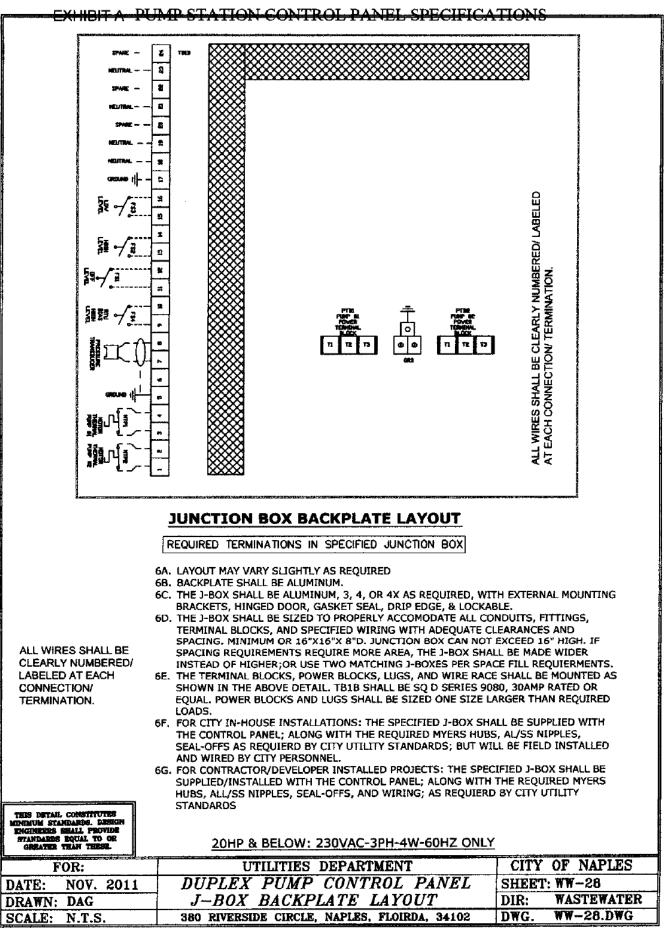






DWG.

EXHIBIT A PUMP STATION CONTROL PANEL SPECIFICATIONS



2 R13,23 Control Relay 115 Vac, 11 Ph. with lamp India 9 R2,45,5,7,11,21,111 8 Ph. Round Relay Base 1024 1 Ph R2,45,5,7,11,21,111 8 Ph. Round Relay Base 101 1 Ph R2,15,23 The Deby Relay Constraints Relay Base 101 1 Ph Relay Base Relay Base Relay Base 101 1 Ph Relay Base Relay Base Relay Base 101 1 Ph Relay Base Relay Base Relay Base 101 1 Ph Relay Base Relay Base Relay Base 101 1 Ph Relay Base Relay Base Relay Base 101 2 Ph Stat Flash Scherter Relay Base Relay Base 1024 2 Ph Stat Flash Scherter Relay Base Relay Base 1030 2 Ph Stat Flash Scherter Relay Base Relay Base 1041 2 Ph Stat Flash Scherter Relay Base	Г	Г	α3 T	—	r	r 1	S	₩	=	AA AA	; T	1	[]						 -		, , ,				- 1		r		-	.	т-							Т	-		-7	-1		-
Control Relay 115 Voc. 11 Ph. with lasp Indicator Star. Flaster 120 Voc. 90 Fpm B Pin, Round Relay Base B Pin, Round Relay Base B Pins Belay Relay adjustable, 24 Vac Phase Newlay Relay Adjustable, 24 Vac S00 Prot Light 220Va Carrorsion resistant plastic. S00 Prot Light 220Va Fransformer 120/224 Vac. S00 Prot Light 20Va Fransformer 120/224 Vac. S00 Prot Light 20Va Fransformer 120/224 Vac. S00 Prot Relay Relay 20 Apps 120/240 Vac. S00 Prot Light 20Va Fransformer 120/224 Vac. S00 Prot Light 20Va Fransform Fransform Respective 230 VAC 3 PH Devace Controller VID ALTIVABUL 2. App 240 Vac. Devace Torrelatin Block 30 Apps Devace Torr	PANEL	10142	TEP4	TFP41	29125	EY150				مرد المراجع ال محمد المراجع الم	KEA25U	MG24502	MG24500	MG24140	282-91K-RC	9080LBA362101	ABIAB8M35	1492-EBJ3	1492-J4	ATV312	C4100R9W	LS-10/0-15PSI	3020-4	PAS2091V	TE02XCS104X	021120	000115	HDL36		9001-SKP35R9	9001-SKP38G9	9001-SKS43BHI	9001-SKP38A9	LRX-40	9080LBA362104	9080LBA162101	480-2079-ND	PMPU-E-278 CCT2040	GEIA-C10HAD24	PF113A	PF083E	FS127	AAE-A301L	
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	BOLTS, NUTS, SEALANTS, ADHEASIVES, AND MISC, HARVARE	FAN THERMOSTAT (DAYTON)	EXHAUST VENT ASSEMBLY BY HOFFMAN	4" COOLING FAN ASSEMBLY BY HOFFMAN		Ň	HUBS to both enclosures.	DIE PER UTILITY STANDARDS.	8"]] Hinged,drip edge, & pasketed.	4.or 12 Enclosure 48"Hx36"Wx12"D wall mount w/hold open arms, AL		Breaker 1 pole		poles 1	2 watts	Terminal Black by	Terminal Blocks and clamp.	Terminal Blacks and barrier.	30 amps	ALTIVAR312HP 240VAC BY SQD. 61AR FOR 20HP+ (RATED FOR SPECIFIED	100 Amp Generator Receptacle with angle	WIKA pressure Transducer, 50° Cable	Devar Controller		Inced Protection Technologies Lightning Arrestor 230 VAC 3	Breaker 1 Pole 20 Amos	Breaker 1 Pole 15 Anne 120/240 Vac	MAIN/GEN Breaker 3 Pole Amp 600/oc	SOVA Transformer 120V/24VAC	Pilot Light 24Vac, Red Lens corrosion r	Pliot Light 120Vac Green Lens corrosion	3 Pos. Selector SV. with Contacts on Bo	lot Light120Vac Amber Lens Corrosion	Alarn Light Red	Power Block, IIN 4 OUT	AB Power Black 1 Pole		<u>s</u> i	table. 24	11 Pin Round Relay Base	8 Pin Round Relay Rose	120 Vac. 90 Fpm	115 Vac 11 Pin. with lamp Indic	
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FOR: UTILITIES DEPARTMENT CITY OF NAPLE : NOV. 2011 DUPLEX PUMP CONTROL PANEL SHEET: WW-29	N:)A(~				-		_	-				_	л			0											مد	~		_		R:							AT	ſ

CONTROL PANEL NOTES:

Panel designer may make changes in materials and component manufacturer, with City Utilities Engineer's approval only.

Manufacturer shall list any additional equipment necessary to provide a clean, neat, professional, and Code compliant control panel; such as: Lugs, distribution terminals, wire races, etc..

The panel manufacturer shall provide two (2) sets of As-Built drawings in hard copy, and the drawings shall be provided in Dwg 2004 format, on a CD.

A laminated As-Built Ladder Diagram shall be attached to the inside of the outer control panel door.

The Control Panel Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3R, 4, or 12 as required, gasketed, with: A padlockable hasp, three point latch system, wind restrainer arm(s) that includes all hardware to restrain both the main and dead front door(s) when open; backplate(s), and drip edge that extends the entire length of the top of the enclosure.

The Junction Box Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3, 4, or 4X as required, gasketed, drip edge with: A padlockable hasp, hinged door. The Junction Box shall have a back plate for component mounting. The Junction Box shall have industrial grade terminal strips of sufficient size and spacing, as required by these specifications. The Junction Box shall be isolated from the Control Panel with the property sized seal-off fittings (not to exceed 80% capacity), pre-wired, and supplied with epoxy sealant per manufacturer recommendations. The epoxy sealant shall be supplied with but installed on site after all connections are made, confirmed, and accepted by the City. The J-Box shall be mounted to the panel using Myers Hubs at both panels, threaded nippples, and Cast AL Vertical EYE fittings.

The Control Panel Enclosure and the Junction Box Enclosure shall be shipped: Pre-wired, Pre-tested, and complete as one unit, unless this creates a shipping hazard. If the J-Box requires removal for shipping, all wires shall be properly tagged and protected during shipping. The enclosures and components shall be properly packed to prevent damage and loss during shipment to our Naples location.

All Panduit (or equal) wire raceways shall not be filled in excess of 80% capacity. All wires extending outside of a raceway in excess of 5" shall be held in place with plastic wire ties. All wiring shall be neat and un-tangled.

All wires shall be properly labeled at each termination point. All wires and terminals shall be rated according to NEC standards.

	ZUMP & BELOW. ZOVAC-SPIT-W-OUNZ ONLT	
FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	DUPLEX PUMP CONTROL PANEL	SHEET: WW-30
DRAWN: DAG	CONTROL PANEL NOTES	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-30.DWG
Rev. 8/13/08	25	

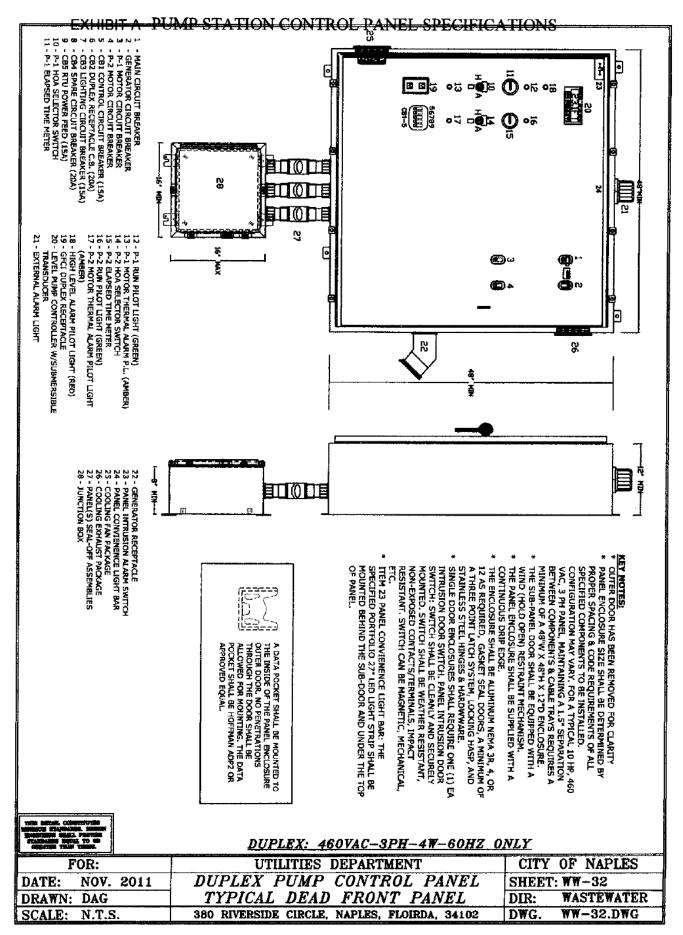
CONTROL PANEL MINIMUM LABELING REQUIREMENTS

LABEL	QUANT	COLOR	DESCRIPTION
NCB	2	BLACK	MAIN CIRCUIT BREAKER
GCB	5	BLACK	GENERATOR CIRCUIT BREAKER
PCB1	2	BLACK	PUMP 1 CIRCUIT BREAKER
PCB2	2	BLACK	PUMP 2 CIRCUIT BREAKER
CB1-4	1	BLACK	CONTROL CB, RECEPTICLE CB, SPARE CB, LIGHTING CB
CB1	1	BLACK	CONTROL CIRCUIT BREAKER
CB2	1	BLACK	RECEPTICLE CIRCUIT BREAKER
CB3	1	BLACK	SPARE CIRCUIT BREAKER
CB4	1	BLACK	LIGHTING CIRCUIT BREAKER
VFD1	1	BLACK	VARIABLE FREQUENCY DRIVE 1
VFD2	1	BLACK	VARIABLE FREQUENCY DRIVE 2
CB5	1	BLACK	PHASE MONITOR CIRCUIT BREAKER
CB6	1	BLACK	CONTROL CIRCUIT TRANSFORMER LINE CIRCUIT BREAKER
CB7	1	BLACK	CUNTROL POWER TRANSFORMER LOAD CIRCUIT BREAKER
PM	1	BLACK	PHASE MONITOR
CCT	1	BLACK	CONTROL CIRCUIT TRANSFORMER
RL	<u> </u>	BLUE	CONTROL CIRCUIT POWER RELAY
R2	1	BLUE	PI CONTROL ON RELAY
R3	1	BLUE	P2 CONTROL ON RELAY
R4	1	BLUE	VFDI REMOTE RESET RELAY
R5	1	BLUE	VFD2 REMOTE RESET RELAY
R6	1	BLUE	PI REMOTE DISABLE RELAY
R7	1	BLUE	P2 REMOTE DISABLE RELAY
R9	1	BLUE	HIGH LEVEL UN/OFF FLOAT RELAY
R10	1	BLUE	LOW LEVEL ALARM OVER-RIDE RELAY
R11	1	BLUE	VFDI RUN RELAY
R12	1	BLUE	INTRUSION ALARM/CONVIENENCE LIGHT RELAY
R13	1	BLUE	P1 THERMAL ALARM RELAY
R21	1	BLUE	VFD2 RUN RELAY
R23	1	BLUE	P2 THERMAL ALARM RELAY
TD1	1	BLUE	FLOAT OPERATED SECOND PUMP ON TIME DELAY RELAY
TB4	1	BLUE	ALARM LIGHT TERMINAL BLOCK
TBIA	1	BLUE	PANEL CUNTROLS TERMINAL BLOCK
TBIB	1	BLUE	J-BOX CONTROLS TERMINAL BLOCK
TB6A	1	BLUE	RTU INTERFACE TERMINAL BLOCK A
TB6B	1	BLUE	RTU INTERFACE TERMINAL BLOCK B
P1 RUN	1	BLUE	PL RUN PILOT LIGHT
P2 RUN	1	BLUE	P2 RUN PILOT LIGHT
TST	1	BLUE	FAN THERMOSTAT
FLASH	1	RED	FLASHER FOR HIGH LEVEL
1 THERMAL	1	RED	PI THERMAL OVERLOAD ALARM PILOT LIGHT
2 THERMAL	1	RED	P2 THERMAL OVERLOAD ALARM PILOT LIGHT
IGH LEVEL	1	RED	HIGH LEVEL ALARM PILOT LIGHT

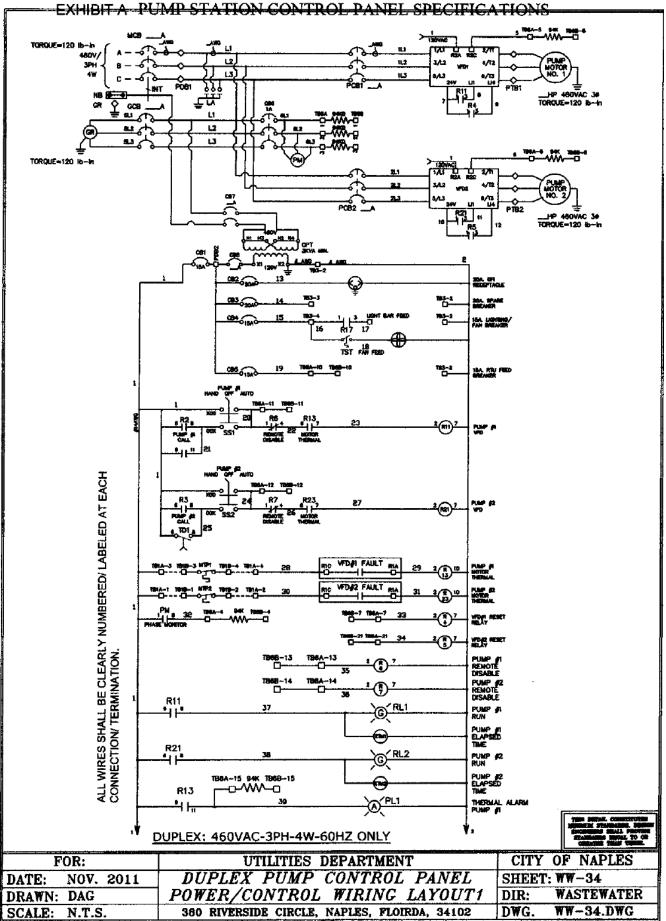
Each switch, circuit breaker, indicating light, push button, relay, etc., shall have an engraved laminated plastic color coded nameplate mounted above or below the device for proper indentification; RED for alarm, BLACK for Power, and BLUE for level and controls. Letters shall be a minimum of 1/4" in height. A quality, long lasting adhesive shall be used for mounting the labels.

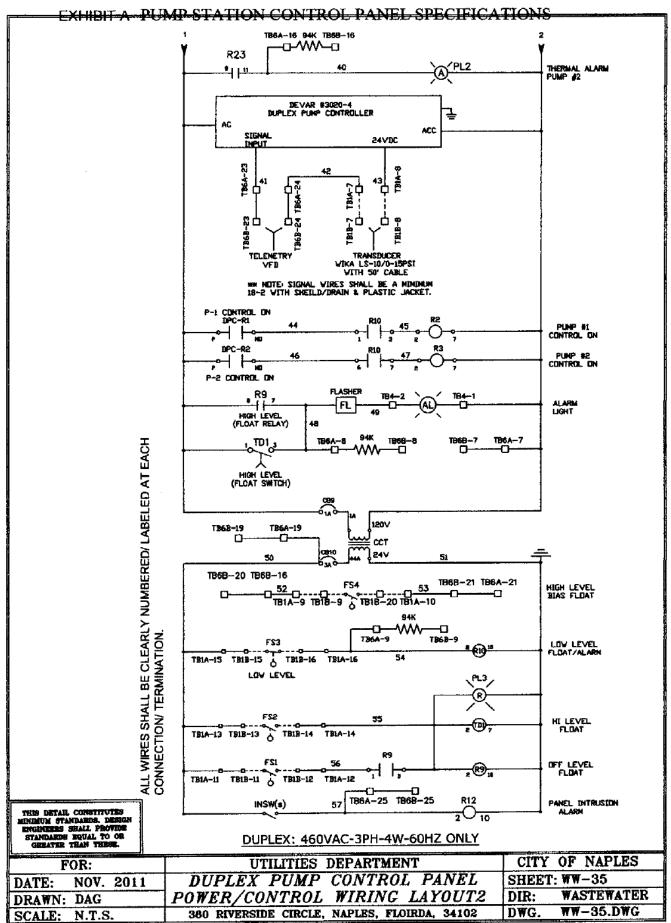
20HP & BELOW: 230VAC-3PH-4W-60HZ ONLY

FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	DUPLEX PUMP CONTROL PANEL	SHEET: WW-31
DRAWN: DAG	PANEL LABELING DETAILS	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-31.DWG

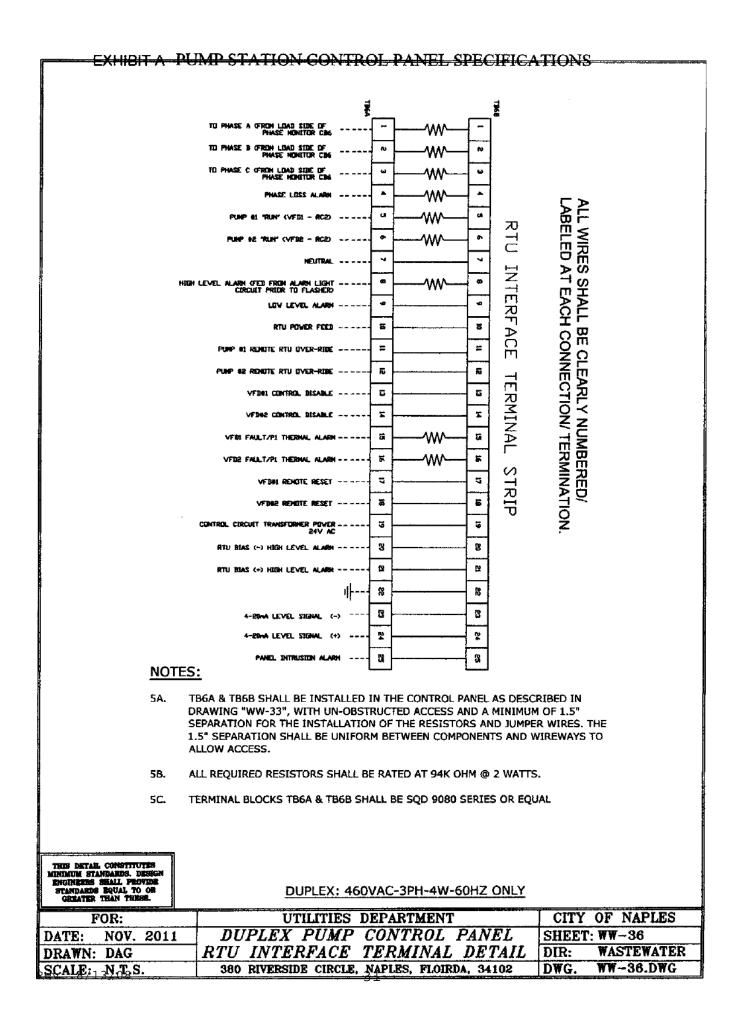


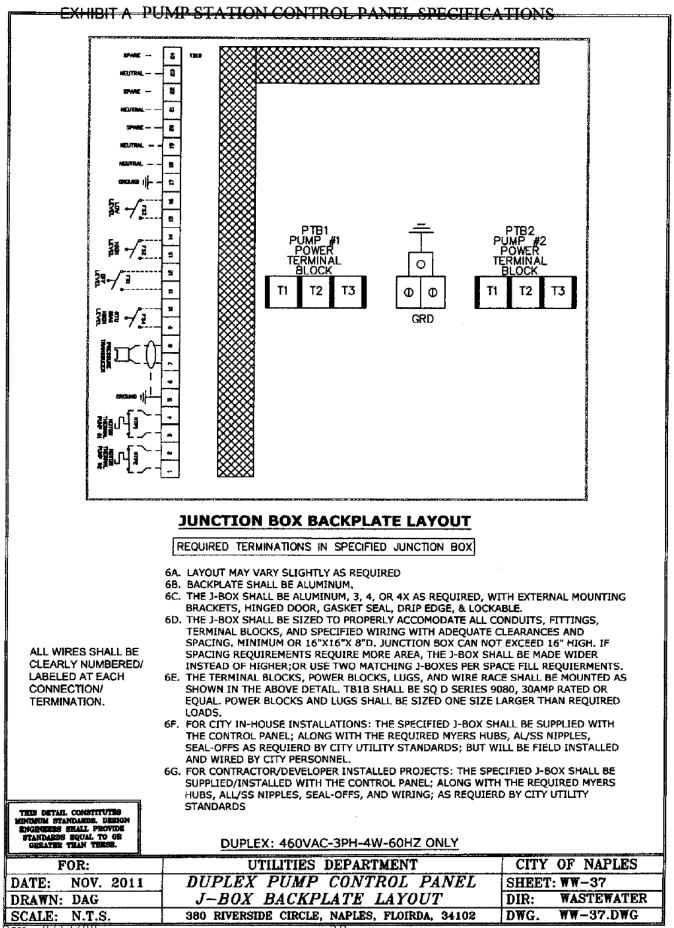
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	R2 R3 R6 R7 R11 R13 R21 R23 28 31 29 32 36 30 36 33				
	xxxxxx				
		10 182 PD	Z)B1		
	TB1 R9R10R12 19 17 18 21 16	CPT 3KVA MIN			
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		~~~~~	22		
		VFD1	VFD2		
		60	O		
				37	
13		<b></b> _			
			<b>.</b>		
	TYPICAL BACKP	LATE LAYOUT			
1 - MCB - MAIN CIRCUIT	BREAKER	21 ~ R12	- PANEL INTRUSION		4Y(74)/ 119IN)
2 - GCB - GENERATOR CI 3 - PCB1 - P-1 MOTOR CI	RCUIT BREAKER	22 - FL 23 - CB6	- FLASHER (110V S - PHASE MONITOR	OLID STATE	)
	UENCY DRIVE #1	24 - CB7 25 - CB8	- CPT LINE CIRCUIT - CPT LOAD CIRCUI	T BREAKER(	MINI DIN 1P-30A)
6 - VFD2 -VARIABLE FREQ 7 - PDB1 - POWER DISTRI (3POLE/MULTIT		26 - C89 27 - CB10 28 - R2	- CCT LINE CIRCUIT - CCT LOAD CIRCUI - P-1 CALL RELAY (	T BREAKER	
B - LA - LIGHTNING AR		28 - R2 29 - R6 30 - R13	- P-1 DISABLE RELA - P-1 MOTOR THER	Y (110V, 8P	
10 - PDB2 - POWER DISTRI	BUTION BLOCK MULTITAP ER TRANSFORMER (460V-120V)	31 - R3 32 - R7	- P-2 CALL RELAY (	110V, 8PIN)	
12 - GRD - GROUND LUG(S 13 - TB1A - TERMINAL BLO	5)	33 - R23	- P-2 MOTOR THER	1AL RELAY (	110V, 11PIN)
14 - TB6A - TERMINAL BLO	CK 6A	34 - BINT 35 - NB	- MAIN/GEN, MECH/ - NEUTRAL BLOCK		
	UIT TRANSFORMER (120V-24V)	36 - R11 37 - R4	<ul> <li>REMOTE VFD RUN</li> <li>VFD#1 RESET REL</li> </ul>		
-	F RELAY (24V, 11PIN) CKOUT RELAY (24V, 11PIN)	38 - R21 39 - R5	- PUMP#2 RELAY (1 - VFD#2 RESET REL		PTN)
	ME DELAY RELAY (24V, 8PIN)	40 - TB3 41 - TST	- TERMINAL BLOCK - FAN THERMOSTAT	B3	
THE DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS PRUAL TO CR	DINDI NY JAANIA	0.017 49	0000 0000		
STANDARDS EQUAL TO OS GERATER TRAN THESE.	DUPLEX: 460VAC-			CITY 4	OF NADIES
FOR: DATE: NOV. 2011	UTILITIES I			SHEET:	OF NAPLES
DATE: NOV. 2011 DRAWN: DAG	TYPICAL BACK				WASTEWATER
SCALE: 1 3N JBS.	380 RIVERSIDE CIRCLE,				WW-33.DWG





Rev. 8/13/08





And-Gentlin         B         BALASA-JULEZ         Control Raivy III Vice I Pin ethic long Indextor Addresson           And-Gentlin         J         R132         Control Raivy III Vice I Pin ethic long Indextor Raivy III Pin Raivy III Pin Raivy III Vice I Pin ethic long Indextor Raivy III Pin Raivy IIII Pin Raivy IIIII Pin Raivy IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Biology 211         Control Relyy 115         Vac B Fink ethic lang barden ter           Big22         Control Relyy 115         Vac D Fink ethic lang barden ter           Big23         Control Relyy 115         Vac D Fink ethic lang barden ter           Big23         Control Rely 115         Vac D Fink           Big23         Sinc Flasher I20         Vac D Fink           Big23         B Fin Round Rely Base         Fink Base Logit Rely Edit Vac D Fink           Big23         Sin Fink Fink         Fink Base Logit Rely Edit Vac D Fink           Big23         Sin Fink Fink         Fink Base Logit Rely Edit Vac D Fink           Big23         Sin Fink Fink         Fink Fink Base Lens Corrosion Relationt Flasher           Big23         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big23         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big23         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big23         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big23         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big24         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big25         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big24         Sin Fink Fink Base Lens Corrosion Relationt Flasher           Big25
Control Relay III Vac II Ph, with lanp Indicator         Control Relay Zi Vac, 90 Fp.         Sac Flasher IRI Vac, 90 Fp.         Ph Round Relay Base         II Ph Round Relay Base         Plat Light IZIVac, Red Lens Corrosion resistant Plaste         S0D Plat Light IZIVac, Red Lens Corrosion resistant plaste         S0D Plat Light IZIVac         S0D Plat Light IZIVac <tr< td=""></tr<>

-EXHIBIT A-PUMP STATION CONTROL-PANEL SPECIFICATIONS

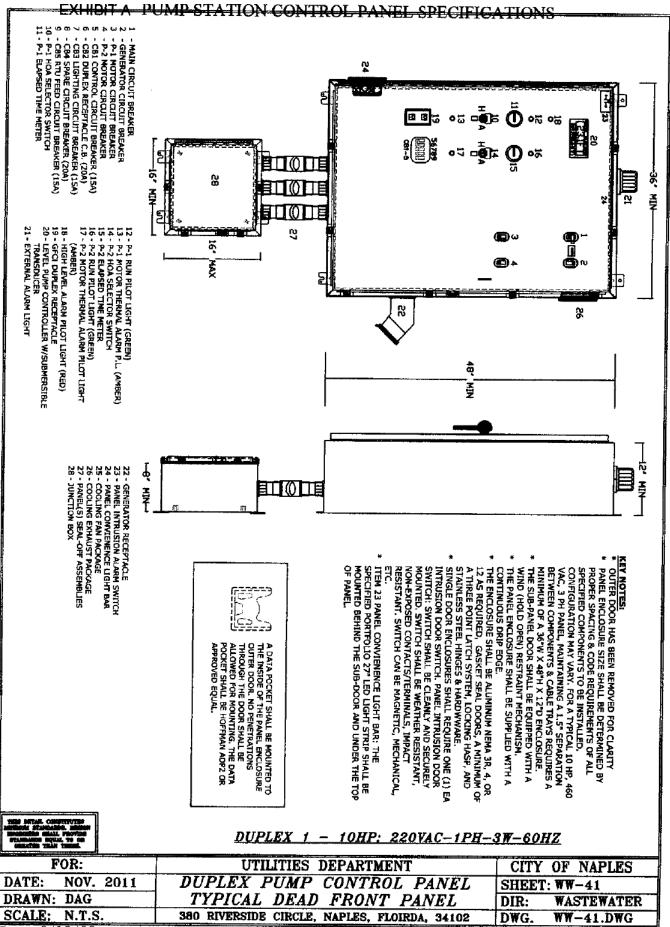
# CONTROL PANEL MINIMUM LABELING REQUIREMENTS

LABEL	QUANT	COLOR	DESCRIPTION
MCB	5	BLACK	MAIN CIRCUIT BREAKER
GCB	2	BLACK	GENERATOR CIRCUIT BREAKER
PCB1	2	BLACK	PUMP I CIRCUIT BREAKER
PCB2	2	BLACK	PUMP 2 CIRCUIT BREAKER
CB1	1	BLACK	CONTROL CIRCUIT BREAKER
CB2	1	BLACK	RECEPTICLE CIRCUIT BREAKER
CB3	1	BLACK	SPARE CIRCUIT BREAKER
CB4	1	BLACK	LIGHTING CIRCUIT BREAKER
VFD1	1	BLACK	VARIABLE FREQUENCY DRIVE 1
VEDS	1	BLACK	VARIABLE FREQUENCY DRIVE 2
CB5	1	BLACK	PHASE MONITOR CIRCUIT BREAKER
C36	1	BLACK	CONTROL CIRCUIT TRANSFORMER LINE CIRCUIT BREAKER
CB7	1	BLACK	CUNTROL CIRCUIT TRANSFORMER LOAD CIRCUIT BREAKER
CBB	1	BLACK	CONTROL POWER TRANSFORMER LINE CIRCUIT BREAKER
CB9	1	BLACK	CONTROL POWER TRANSFORMER LOAD CIRCUIT BREAKER
PM	1	BLACK	PHASE MONITOR
CCT	1	BLACK	CONTROL CIRCUIT TRANSFORMER
CPT	1	BLACK	CONTROL POWER TRANSFORMER
R2	1	BLUE	PI CONTROL ON RELAY
R3	1	BLUE	P2 CONTROL ON RELAY
R4	1	BLUE	VFDI REMOTE RESET RELAY
R5	1	BLUE	VFD2 RENOTE RESET RELAY
R6	1	BLUE	PI REMOTE DISABLE RELAY
R7	1	BLUE	P2 RENDTE DISABLE RELAY
R9	1	BLUE	HIGH LEVEL DN/OFF FLOAT RELAY
R10	1	BLUE	LOW LEVEL ALARM OVER-RIDE RELAY
<b>R1</b> 1	1	BLUE	VFD1 RUN RELAY
R12	1	BLUE	INTRUSION ALARM/CONVIENENCE LIGHT RELAY
R13	1	BLUE	P1 THERMAL ALARM RELAY
R21	1	BLUE	VFD2 RUN RELAY
R23	1	BLUE	P2 THERMAL ALARM RELAY
TD1	1	BLUE	FLOAT OPERATED SECOND PUMP ON TIME DELAY RELAY
TB4	1	BLUE	ALARM LIGHT TERMINAL BLOCK
TB1A	1	BLUE	PANEL CONTROLS TERMINAL BLOCK
TB1D	1	BLUE	J-BOX CONTROLS TERMINAL BLOCK
TBGA	1	BLUE	RTU INTERFACE TERMINAL BLOCK A
TBGB	1	BLUE	RTU INTERFACE TERMINAL BLOCK B
P1 RUN	1	BLUE	PI RUN PILDT LIGHT
P2 RUN	1	BLUE	P2 RUN PILOT LIGHT
TST	1	BLUE	FAN THERMOSTAT
FLASH	1	RED	FLASHER FOR HIGH LEVEL
P1 THERMAL	1	RED	PI THERMAL OVERLOAD ALARM PILOT LIGHT
P2 THERMAL	1	RED	P2 THERMAL OVERLOAD ALARM PILOT LIGHT
HIGH LEVEL	1	RED	HIGH LEVEL ALARM PILOT LIGHT

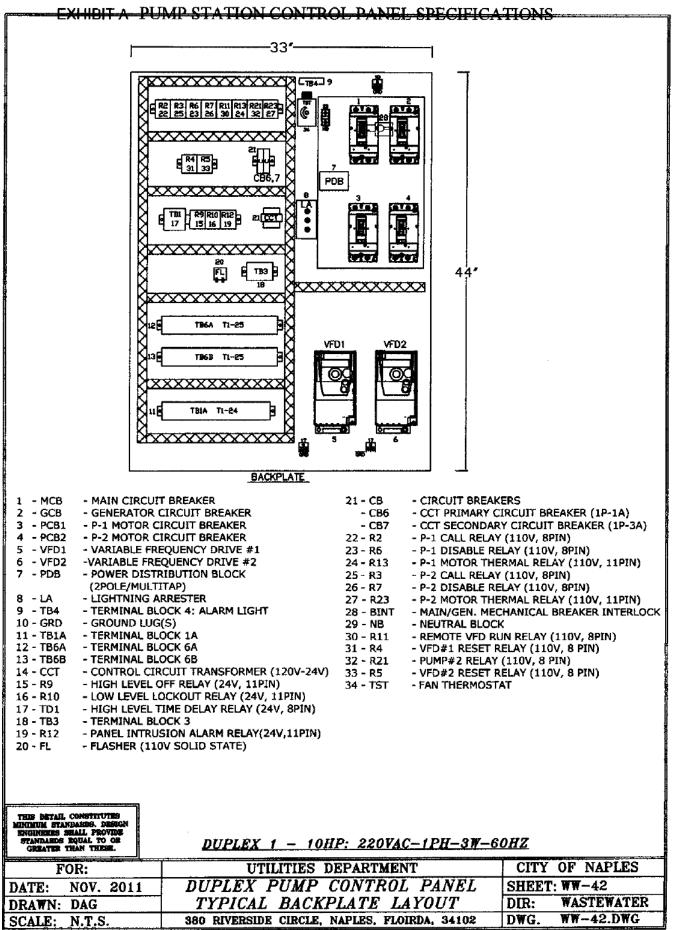
Each switch, circuit breaker, indicating light, push button, relay, etc., shall have an engraved laminated plastic color coded nameplate mounted above or below the device for proper indentification; RED for alarm, BLACK for Power, and BLUE for level and controls. Letters shall be a minimum of 1/4" in height. A quality, long lasting adhesive shall be used for mounting the labels.

DUPLEX: 460VAC-3PH-4W-60HZ ONLY

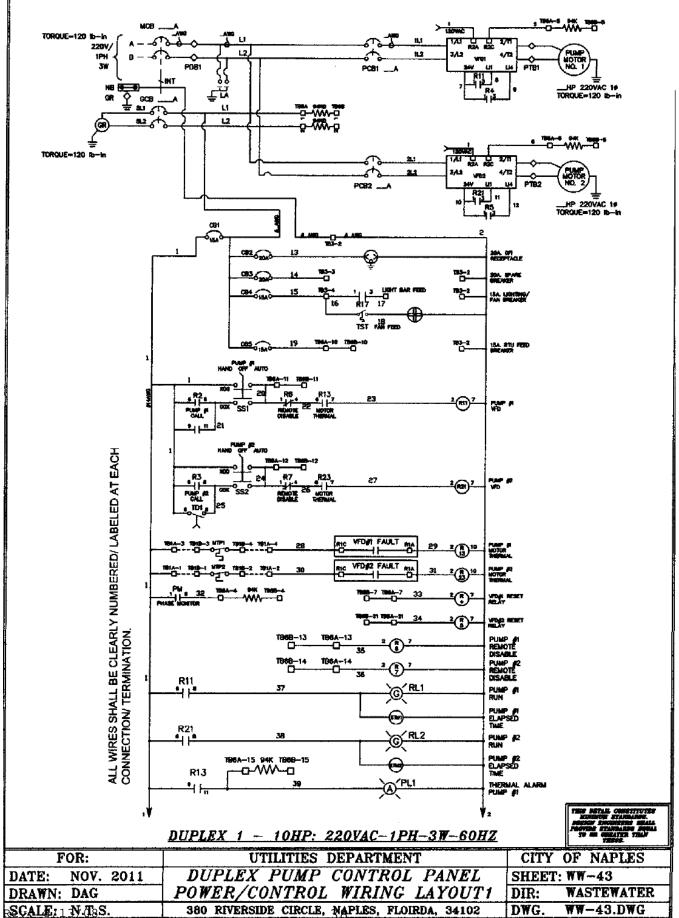
FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	DUPLEX PUMP CONTROL PANEL	SHEET: WW-40
DRAWN: DAG	PANEL LABELING DETAILS	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-40.DWG



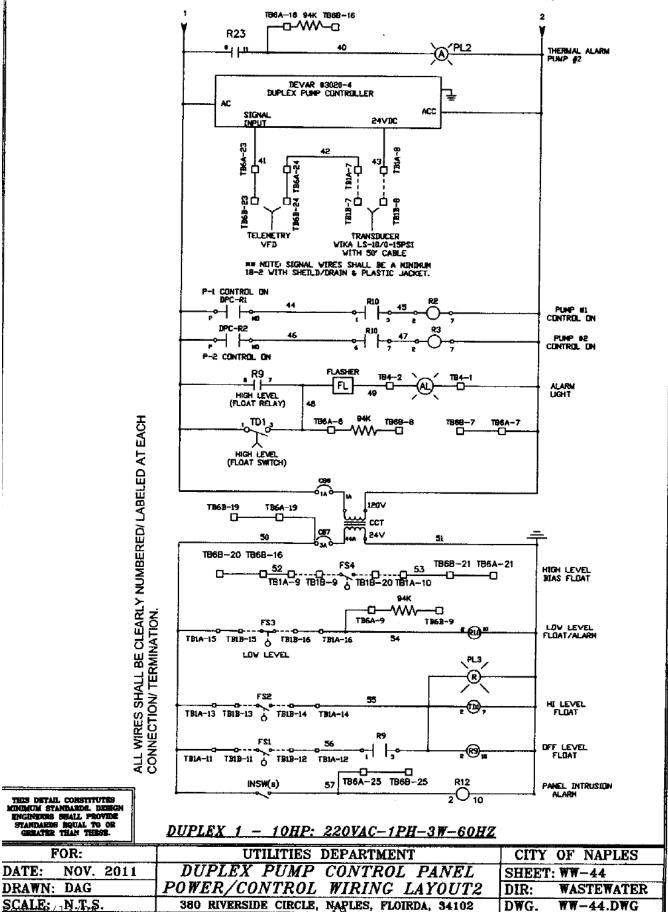
Rev. 8/13/08

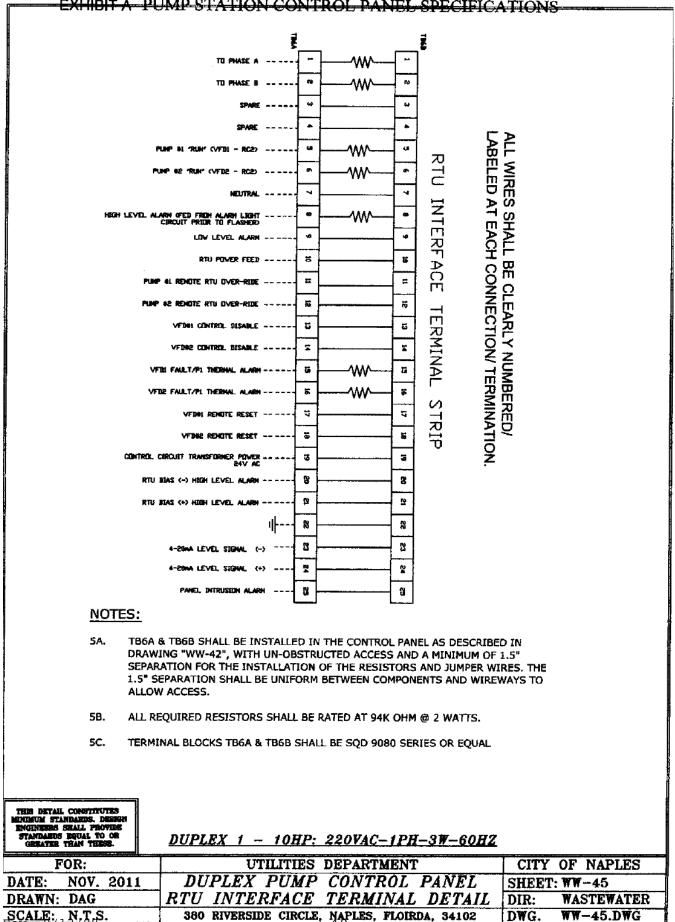


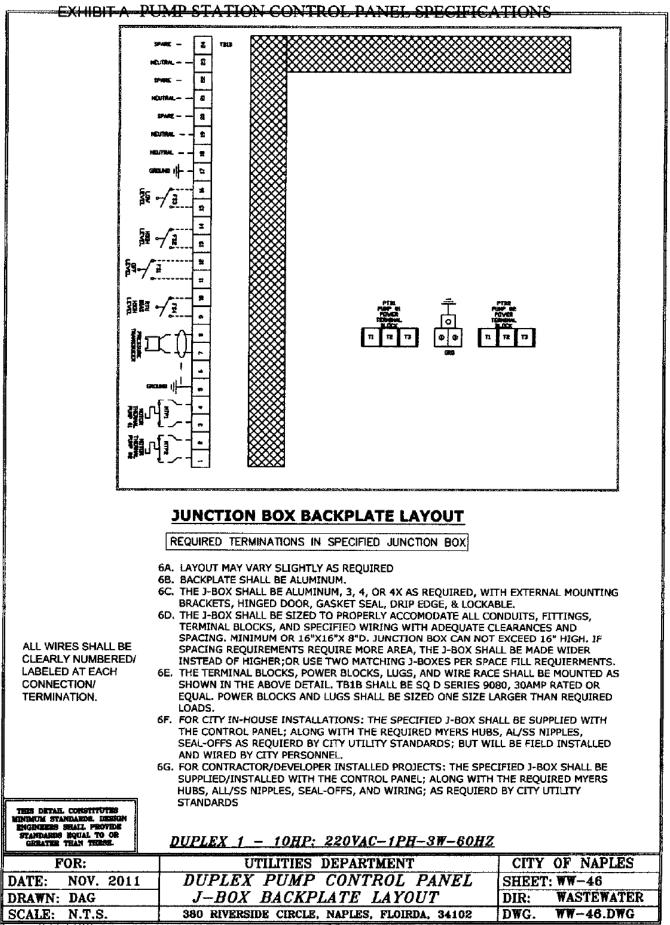












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MC-ADML         G         B2_3/3/3/1/21         Control Ray 21 Vic G         Diver Hit huge Indicator           MC-ADML         G         B2_3/3/3/21         Control Ray 21 Vic G         Diver Hit huge Indicator           FILD         Sur Control Ray 21 Vic G         Diver Hit huge Indicator         Diver Hit huge Indicator           FILD         Sur Control Ray 21 Vic G         Diver Hit huge Indicator         Diver Hit huge Indicator           FILD         Fill Fill         Fill Fill         Fill Fill Fill         Fill Fill Fill Fill Fill Fill Fill Fill	Γ		[]2	-		<b></b>	2	₩ T	=	<u>и</u>	Г	T	1	r	Т	<del>۲</del>	Ţ.	r-	<u> </u>	1	T	T	τ-	<b>—</b>	1	<b>—</b>		-			-		-	- <b>-</b>	T	<del>.</del>	r	r	<b>.</b>	<b>r</b> -	<b>T</b>	<b>T</b>	<b>–</b>		
Bit         Control Rely 115 Voc 8 Pin with (app Indicator           12:23         Control Rely 115 Voc 11 Pin, with (app Indicator           12:23         Control Rely 21 Voc 11 Pin, with (app Indicator           12:23         Control Rely 115 Voc 11 Pin, with (app Indicator           12:23         Control Rely 115 Voc 11 Pin, with (app Indicator           12:23         State Flasher (app Rely, 0)           12:24         State Flasher (app Rely, 0)           12:25         State Flasher (app Rely, 0)           12:26         State Flasher (app Rely, 0)           12:27         State Flasher (app Rely, 0)           12:28         State Flasher (app Rely, 0)           12:29         State Flasher (app Rely, 0)           12:21         State Rely (app Rely, 0)           12:21         State Rely (app Rely, 0)           12:21         State Rely (app Rely, 0)           12:21	PANEL UTILIZE		TEP4	TFP41	29125	EY150				و هو من الحجر من المحمر المحمد الم	K2A25U	MG24502	MG24500	MG24140	282-91K-RC	9080LBA	ABLAB8M35	1492-EBJ3	1492-J4	ATV312	C4100R9V	LS-10/0-15PSI	3020-4	PAS209IV	AR	000120	000115	HDL26	HDL26	9070150023	PODI-SKP39P0	9001-SKP3869	9001-SKSA3RH1		9080LBA	9080LBA162101	480-2079-ND	10HH2	GE1A-C10HAD24	PF113A	PF083E	F\$127	AAE-A301L	AAE-A304L	AAE-A201L
Biological Science         Control Relay 21 Vac II Pin, with (app Indicator Control Relay Back, 2 PDE Hu, 11-IAP 23.1.4.5.6.7.111.2.1.11         Control Relay 21 Vac II Pin, with (app Indicator Control Relay Back, 2 PDE Hu, 11-IAP 23.1.4.5.6.7.111.2.1.11           20.1.2.13.2.3         11 Pin Round Relay Base Control Relay Back, 2 PDE Hu, 11-IAP 23.1.4.5.6.7.11.2.1.11         Pin Round Relay Base Control Relation Control Relation Formation Relation Fastitut Control Relation Control Relation Fastitut Control Relation Control Relation Fastitut Control Relation Control Relation Fastitut Plastic.           11.2         S0D Piot Lipht Relation Control Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Control Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Control Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Control Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Control Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Passitut Plastic.           11.2         S0D Piot Lipht Relation Piotecon Receptade With Ongle Billocy Relation Piotecon           11.2         S0D Piot Lipht Relation Piotecon           11.2         VIDA Pressoure Transducer. Str Cable           11.2         Relation Piotecon           12.2         Pioterol Relation Piot	R THIS					ω	6	6	1	1	-		-	-	10	2	AR	AR	AR	nu	1			1	1	2	N	N	N		-,	יוט	u n	,	•	-	rv	1	1	5	9	F	ro	з	8
Control Reisy JIS Vac. 11 Pin, with (anp Indicator Control Reisy JS Vac. 11 Pin, with (anp Indicator Sac Fisher 120 Vac, 50 Fpn 9 Pin, Round Redsy Base 11 Pin Round Redsy Base 11 Pin Round Redsy Base 11 Pin Round Redsy Base 13 Pins Reich 2 Pole 14 Paren Bicck, 2 Pole 15 Pinster 120 Vac. Green Lens Corrosion resistant plastic. 15 Pinster 120 Vac. Green Lens Corrosion resistant plastic. 15 Pinster 120 Vac. Green Lens Corrosion resistant plastic. 15 Pinster 120 Vac. Red Lens Corrosion resistant plastic. 15 Pinster 120 Vac. Pole 12 Anys 120/240 Vac. 15 Pinster 120 Vac. Pole 12 Anys 120/240 Vac. 16 Pinster 12 Pole 12 Anys 120/240 Vac. 16 Pinster 12 Pole 12 Anys 120/240 Vac. 17 Pinster 12 Pole 12 Anys 120/240 Vac. 17 Pinster 12 Pole 12 Pole 12 Anys 10 Pinster 120 VAC 120 Vac. 120 VAC 1	MUST	DIN RAH	EXH	FAN	- 1				J-BOX	ENC	GRDL	CB7	CB6	CBS	RES	PTB1,2	TBEC	TBEB	TBIA,18,6A,6B,4	VFDL,2	GR	PT	DLPC	DR	LA	CB2,CB4	CB1,CB3	MCB, ECB	PCBL/2		D 2			2 2	PDB	NEU	<b>*</b>	1S1	101	R9,10,12,13,23	R2,3,4,5,6,7,11,21,TD1	FL.	R13,23	R9,10,12	R2,3,4,5,6,7,11,21
	ANY ASSEMBLY IS INITIATED. THE CITY	BUILTS MILTS SEALANTS AMPLEASIVES AND MISS HABUADE	EXHAUST VENT ASSEMBLY BY HOPEMAN	4. CHINI ING FAN ASSEMBLY BY HIDEFMAN	I IGHT BAR	Vertical sealing fitting 1 1/2"		DL& PER UTILITY STANDARDS.	4,or 4X enclosure 16"Hx16"Wx8"D Hinged,drip edge, & gasketed.	3R, 4,or 12 Enclosure 48"Hx36"Wx12"D wall mount w/hold open arms, AL	Double Ground Lug.		Breaker	Breaker		Terminal Block by	Terminal Blocks end clamp.	Blocks	30 amps	(RATED FOR SPECIFIED	ŧ	WIKA pressure Transducer, 50' Cable	Devar Controller	1	- 1	1 Pole 20 Amps 120/240	Breaker 1 Pole 15 Amps 120/240 Vac	MAIN/GEN Breaker 3 PoleAmp, 600Vac	MOTOR Breaker 2 Pole Amp, 600 Vac	50VA Transformer 120V/24VAC	SON DRAT HAAT SAVAR DATING COTOSION STATES AND PASSAC.	SOD Blot Loht 190/Ac Cooch and compose magnified	Pilot Lightl20Vac Amber Lens Corrosion		rυ	AB Power Block 1 Pole	Hour Meter		Delay Relay, adjustable, 24	11 Pin Round Relay Base	8 Pin Round Relay Base	120 Vac, 90 Fpm	115 Vac 11 Pin, with lamp India	24 Vac 11 Pin, with lamp Indic	Relay 115 Vac 8 Pin. with Jamp India
	TE: AWN:		NC DA		•	20	)1	1		ſ						TX TD			U.	-	P )F			7Λ [A						<b>A</b>	N.	E	L			III	_	T		VW VA:				177	

# **CONTROL PANEL NOTES:**

Panel designer may make changes in materials and component manufacturer, with City Utilities Engineer's approval only.

Manufacturer shall list any additional equipment necessary to provide a clean, neat, professional, and Code compliant control panel; such as: Lugs, distribution terminals, wire races, etc..

The panel manufacturer shall provide two (2) sets of As-Built drawings in hard copy, and the drawings shall be provided in Dwg 2004 format, on a CD.

A laminated As-Built Ladder Diagram shall be attached to the inside of the outer control panel door.

The Control Panel Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3R, 4, or 12 as required, gasketed, with: A padlockable hasp, three point latch system, wind restrainer arm(s) that includes all hardware to restrain both the main and dead front door(s) when open; backplate(s), and drip edge that extends the entire length of the top of the enclosure.

The Junction Box Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3, 4, or 4X as required, gasketed, drip edge with: A padlockable hasp, hinged door. The Junction Box shall have a back plate for component mounting. The Junction Box shall have industrial grade terminal strips of sufficient size and spacing, as required by these specifications. The Junction Box shall be isolated from the Control Panel with the properly sized seal-off fittings (not to exceed 80% capacity), pre-wired, and supplied with epoxy sealant per manufacturer recommendations. The epoxy sealant shall be supplied with but installed on site after all connections are made, confirmed, and accepted by the City. The J-Box shall be mounted to the panel using Myers Hubs at both panels, threaded nippples, and Cast AL Vertical EYE fittings.

The Control Panel Enclosure and the Junction Box Enclosure shall be shipped: Pre-wired, Pre-tested, and complete as one unit, unless this creates a shipping hazard. If the J-Box requires removal for shipping, all wires shall be properly tagged and protected during shipping. The enclosures and components shall be properly packed to prevent damage and loss during shipment to our Naples location.

All Panduit (or equal) wire raceways shall not be filled in excess of 80% capacity. All wires extending outside of a raceway in excess of 5" shall be held in place with plastic wire ties. All wiring shall be neat and un-tangled.

All wires shall be properly labeled at each termination point. All wires and terminals shall be rated according to NEC standards.

	DUI DEA I = I UIII. ZEUIAU - II II - UII - UII	<u>0</u>
FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	DUPLEX PUMP CONTROL PANEL	SHEET: WW-48
DRAWN: DAG	CONTROL PANEL NOTES	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-48.DWG
Rev. 8/13/08	43	

## DUPLEY 1 - 10HP 220VAC-1PH-SW-60HZ

# CONTROL PANEL MINIMUM LABELING REQUIREMENTS

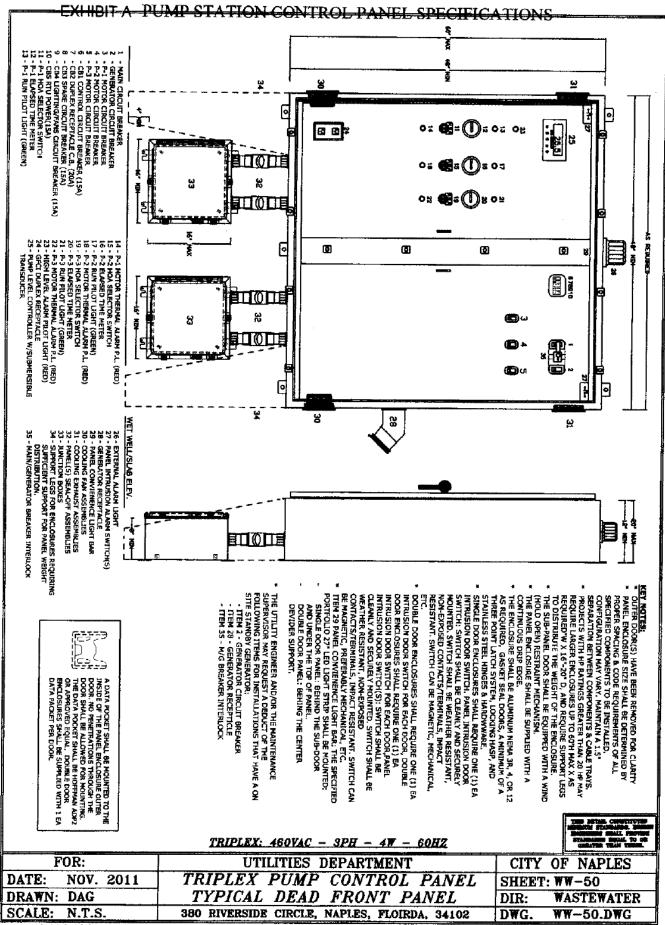
LABEL	QUANT	COLOR	DESCRIPTION
MCB	2	BLACK	MAIN CIRCUIT BREAKER
GCB	2	BLACK	GENERATOR CIRCUIT BREAKER
PCB1	2	BLACK	PUMP 1 CIRCUIT BREAKER
PCB2	2	BLACK	PUMP 2 CIRCUIT BREAKER
CB1-4	1 1	BLACK	CONTROL CB, RECEPTICLE CB, SPARE CB, LIGHTING CB
CB1	1 1	BLACK	CONTROL CIRCUIT BREAKER
CB2	1	BLACK	RECEPTICLE CIRCUIT BREAKER
CB3	1	BLACK	SPARE CIRCUIT BREAKER
CB4	1	BLACK	LIGHTING CIRCUIT BREAKER
VF D1	1	BLACK	VARIABLE FREQUENCY DRIVE 1
VFD2	1	BLACK	VARIABLE FREQUENCY DRIVE 2
CB6	1	BLACK	CUNTROL CIRCUIT TRANSFORMER LINE CIRCUIT BREAKER
CB7	1	BLACK	CONTROL POWER TRANSFORMER LOAD CIRCUIT BREAKER
CCT	1	BLACK	CONTROL CIRCUIT TRANSFORMER
R1	1	BLUE	CONTROL CIRCUIT POWER RELAY
R2	1	BLUE	P1 CONTROL ON RELAY
R3	1	BLUE	P2 CONTROL ON RELAY
R4	1	BLUE	VFDI REMOTE RESET RELAY
R5	1	BLUE	VFD2 REMOTE RESET RELAY
R6	1	BLUE	PI REMOTE DISABLE RELAY
R7	1	BLUE	P2 REMUTE DISABLE RELAY
R9	1	BLUE	HIGH LEVEL DN/DFF FLOAT RELAY
R10	1	BLUE	LOW LEVEL ALARM OVER-RIDE RELAY
R11	1	BLUE	VFDI RUN RELAY
RIZ	1	BLUE	INTRUSION ALARH/CONVIENENCE LIGHT RELAY
R13	1	BLUE	PI THERMAL ALARM RELAY
R21	1	BLUE	VFD2 RUN RELAY
R23	1	BLUE	P2 THERMAL ALARM RELAY
T D1	1	BLUE	FLOAT OPERATED SECOND PUMP ON TIME DELAY RELAY
TB4	1	BLUE	ALARM LIGHT TERMINAL BLOCK
TBIA	1	BLUE	PANEL CONTROLS TERMINAL BLOCK
TB1B	1	BLUÈ	J-BOX CONTROLS TERMINAL BLOCK
TB6A	1	BLUE	RTU INTERFACE TERMINAL BLOCK A
TB6B	1	BLUE	RTU INTERFACE TERMINAL BLOCK B
P1 RUN	1	BLUE	PI RUN PILOT LIGHT
P2 RUN	i	BLUE	P2 RUN PILOT LIGHT
TST	1	BLUE	FAN THERMOSTAT
FLASH	1	RED	FLASHER FOR HIGH LEVEL
P1 THERMAL	1	RÉD	P1 THERMAL OVERLOAD ALARM PILOT LIGHT
P2 THERMAL	1	RED	P2 THERMAL OVERLOAD ALARM PILOT LIGHT
HIGH LEVËL	1	RED	HIGH LEVEL ALARM PILOT LIGHT

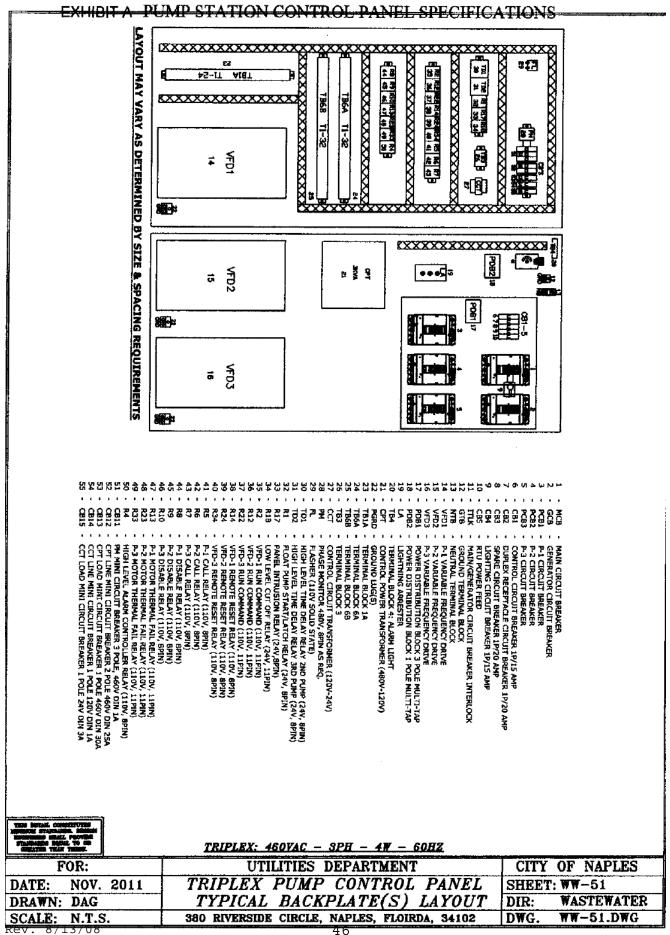
Each switch, circuit breaker, indicating light, push button, relay, etc., shall have an engraved laminated plastic color coded nameplate mounted above or below the device for proper indentification; RED for alarm, BLACK for Power, and BLUE for level and controls. Letters shall be a minimum of 1/4" in height. A quality, long lasting adhesive shall be used for mounting the labels.

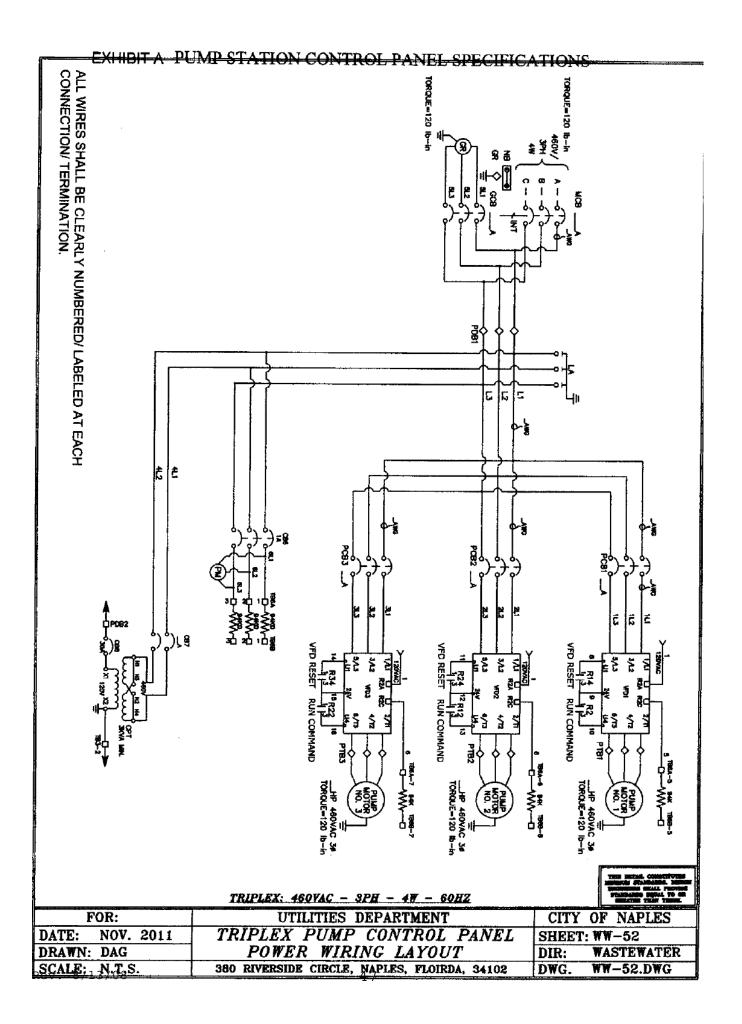
DUPLEX	1 - 10HP:	220VAC-1PH	-3W-60HZ

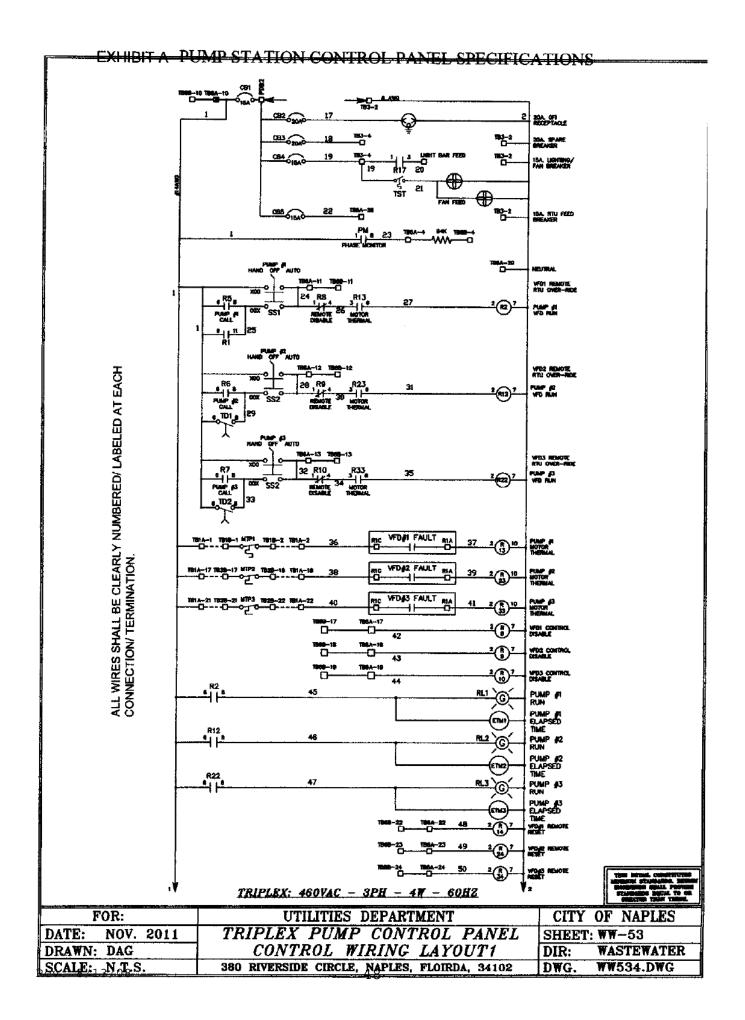
FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	DUPLEX PUMP CONTROL PANEL	SHEET: WW-49
DRAWN: DAG	PANEL LABELING DETAILS	DIR: WASTEWATER
SCALE: N.T.S.	360 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-49.DWG

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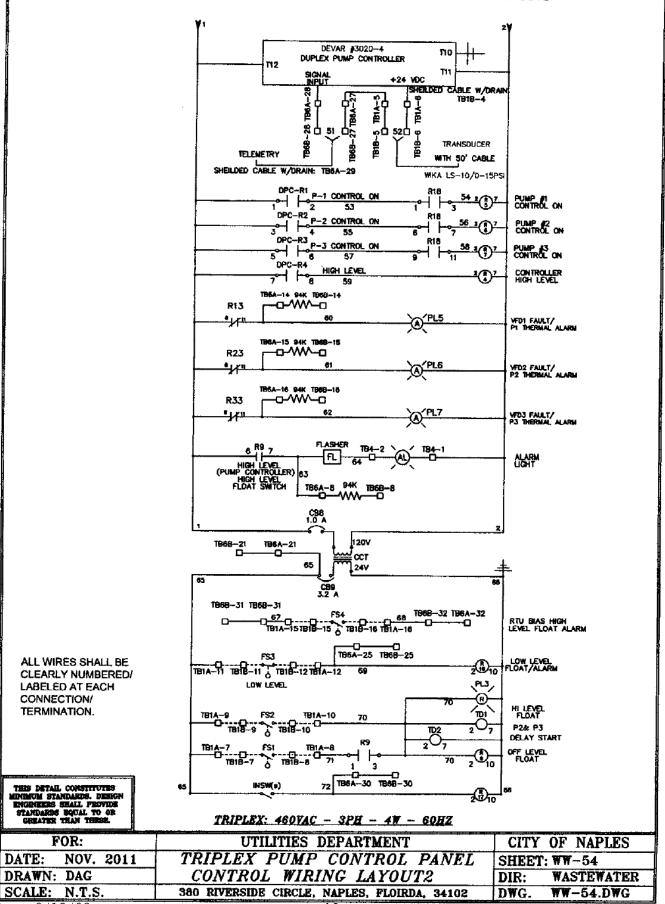








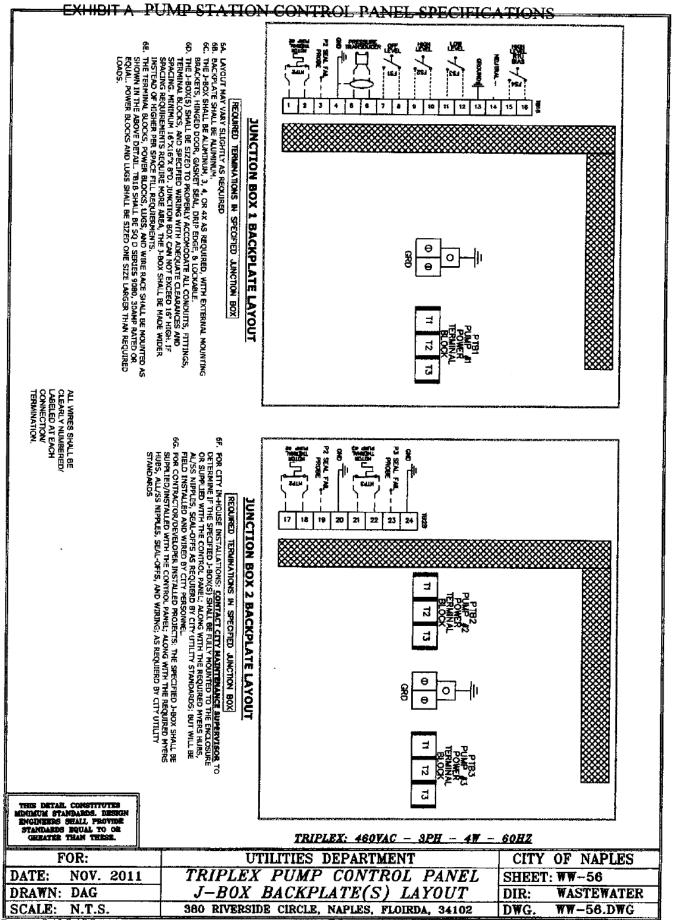




			5	0111014		896
		TO PHASE A (FROM LOAD SIDE OF	<b>_</b>	1		<b>]</b>
		TO PHASE & (FROM LOAD SIDE OF			~ ~	
		Phase Monitor (85) To phase C (from Load Side of	-		<u> </u>	
		PHASE MONITOR CB5) CONTROL POWER(PIN 8 OF PHASE NON)	<u> </u>	1w		
		PUMP #1 "RUN" (VFD1 - R2C)	-	-		
		PUMP #2 "RUN" (VFD2 - R2C)	<b> </b>			
			╞╴		]-,	
	н	PUMP #3 "RUN" (VFD3 - R2C)	]			
	•	CH LEVEL ALARM (FED FROM ALARM LIGHT CIRCUIT PRIOR TO FLASHER)	-			
		(WA) GENERATOR RUNNING	<u> </u>	<u> </u>		
		(WA) FPL HORMAL		w		
		VFD #1 REMOTE RTU OVER-REDE	<b> -</b>		┤┻┥	
		vfo #2 remote rtu over-ride	12			
		vfd <b>a</b> 3 remote rtu over-ride,	l ü			
		VPD #1 FAULT/P1 THERMAL FAULT	Ŧ		-1-1	
		VFD #2 FAULT/P1 THERMAL ALARM	- ci		- 5	
		VFD #3 FAULT/P1 THERNAL ALARM	ő		-[#]	
		VFD #1 CONTROL DISABLE	17		- 3	
		VFD #2 CONTROL DISABLE	18		- 5	
		VFD #3 CONTROL DISABLE	ŝ			
		NEUTRAL	28		8	
		CONTROL CIRCUIT TRANSFORMER POWER	Ň			
		vfo #1 Remote reset	ß		- 12	
		VFD #2 REMOTE RESET	ដ	<b></b> _	12	
		VFD #3 REMOTE RESET	24		- N	
	-	LOW LEVEL FLOAT ALARM	N			
ALL WIRES SHALL E CLEARLY NUMBERE		R1U POWER (CB5)	28		8	
LABELED AT EACH CONNECTION/ TERM		4-20ma LEVEL SIGNAL (+)	2			
		4~20mA LEVEL SIGNAL (-)	2		28	
NOTES:		SHELD GROUND	- 23			
**5A. TB8A & TB8B SHALL BE PANEL AS DESCRIBED IN DRAWN UN-08STRUCTED ACCESS AND	ng WW-51, with A Minimum of 1.5" Separation	NTRUSION ALARK	<u>*</u>			
FOR THE INSTALLATION OF THE WIRES. **58. ALL REQUIRED RESISTORS					8	
94K OHM © 2 WATTS +/-5% M **5C. TERMINAL BLOCKS TBBA (	CPCIMUM.	RTU BIAS (+) HIGH LEVEL FLOAT	4		- <u>u</u>	
serves or equal.		RTU BIAS (-) HIGH LEVEL, FLOAT L	۲ ۲		╘╝╻	1
		Ě.				
THE DETAIL CONSTITUTES INNEUM STANDARDS, DESIGN						
ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR	mp 151 54	100W10 00W 18 00W0				
FOR:		460VAC - 3PH - 4W - 60HZ		07037	OF 1	1.177
FUR.		TIES DEPARTMENT		CITY	OL I	NAPL

EXHIBIT A PUMP STATION CONTROL PANEL SPECIFICATIONS

DATE:NOV. 2011TRIPLEX PUMP CONTROL PANELSHEET: WW-55DRAWN:DAGRTU INTERFACE TERMINAL DETAILDIR:WASTEWATERSCALE:N.T.S.380 RIVERSIDE CIRCLE. NAPLES, FLOIRDA, 34102DWG.WW-55.DWG	FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
	DATE: NOV. 2011	TRIPLEX PUMP CONTROL PANEL	SHEET: WW-55
SCALE: N.T.S. 380 RIVERSIDE CIRCLE. NAPLES, FLOIRDA, 34102 DWG. WW-55.DWG	DRAWN: DAG	RTU INTERFACE TERMINAL DETAIL	DIR: WASTEWATER
	SCALE: N,T,S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-55.DWG



2 MCB/GCB 3 PCB1/PCB2\PCB3 3 CB1/CB4/CB5 2 CB2/CB3 1 CB11	ISDR MATM/GAN CIDCUIT DOCARED DOCH C	ITEM PART ND.
3 CB1/CB4/CB5 2 CB2/CB3	SOB MAIN/GEN CIRCUIT BREAKER SPOLE,AMP,VAC SIZED	FAL34
2 CB2/CB3	SOD PUMPI/PUMP2/PUMP3 CIRCUIT BREAKER 3PDLE,AMP,	FAL34
	SQD: IPOLE, ISAMP, IZUVAC	QU0115 15 AMP
1 ( CPII	SOD IPPLE, 20AMP, 120VAC	QUEI20 20 AMP
	SQ D DIN HOUNT NINI 3 POLE- PHASE MONITOR BREAKER	MG SERIES 0.5 AMP 480V
1 CB(2 1 CB(3	SQ D DIN MOUNT MINI 2 POLE - CP TRANSFORMER LINE BKR SQ D DIN MOUNT MINI 1 POLE - CP TRANSFORMER LOAD BKR	MG SERIES AMP 480V
1 CB14	SQ D DIN MOUNT MINI 1 POLE - CC TRANSFORMER LIAD BRR	MG SERIES AMP 120V MG SERIES AMP 120V
1 CB15	SQ D DIN MOUNT MINI 1 POLE - CC TRANSFORMER LOAD BKR	MG SERIES AMP 24V
1 PDB1	3POLE,600V, HULTI-TAP (SIZED AS REQUIRED)	AS REQUIRED
1 9882 1 A	MULTI-TAP (SIZED AS REQUIRED	AS REQUIRED
3 VFD1/VFD2/VFD3	ADVANCE PROTECTION TECHNOLOGIES: 480V, 3 PHASE SOD/SHNIDERELECT: ALTIVAR312 FOR <20HP, 61AR FOR >/=20HP	ALTIVAR NO EQUAL
1 PM	PHASE MUNITUR 8-PIN, 480 VULT/3 PHASE AS REQUIRED	AS REQUIRED
1 CPT	SOD CONTROL POWER TRANSFORMER 460V-120V,KVA, IPH ,	9070-K
1 ECT	SQD CENTROL CIRCUIT TRANSFORMER SOVA, 120V-24V, 1 PH	9070-KF50023
i FL	SSAC FLASHER - 90 FPM, 120V, SS	FS127
AL NOC		LRX40
+		3020-4
		LS-10/0-15PSI V/50' CABL
5 RB11		PF113A
1 R1	8 PIN,24V V/LANP FLOAT PUMP 'DN' RELAY	AS REQUIRED
	11 PIN,24V W/LAMP PANEL INTRUSION RELAY	AS REQUIRED
		AS REQUIRED
3 R5/R6/R7	8 PIN,115V W/LAMP P1/P2/P3 CALL RELAY	AS REQUIRED
3 R8/R9/R10	8 PIN,115V W/LAMP P1/P2/P3 DISABLE RELAY	AS REQUIRED
	B PIN, 115V V/LAMP CONTROLLER HIGH LEVEL ALARM RELAY	AS REQUIRED
	LEVEL FLOAT CUT OFF RELAYS	AS REQUIRED
2 TD1/TD2	SSACI GOSEC, 24VAC, SS, DN, 9-PIN, 24V TIME DELAY RELAY	PRH-23
		9001-SKS438H1
BL13/1//21 PL14/18/22		9001-SKP38G9 9001-SKP38R9
PL23	SQDI HIGH LEVEL ALARM PILDT LIGHT 'RED' 24V	9001-SKP35R9
B ETM1/2/3	P1/2/3 ELAPSE TIME HOUR METER	480-2079-ND
R TBIA,TBIB, TB2B,		3306-DU-0 9080-GM6
R THEN		9080-GH68
		9090-GH10
		AR
L_IS		PORTFOLIO 29125
NEU		824 OR EQUAL
		AS REQUIRED
EXH	EXHAUST ASSEMBLY, BY HOFFMAN OR APPROVED EQUAL.	TEP4
R EYE	12* MIN	AS REQUIRED
R HB	MYERS HUBSI SIZED AS REQUIRED BY FILL. 2" MIN. (1 PER PUNP) 1 FOR CONTROLS) S.S. OR AL THREADED NIPPLES. 2" MIN	
2 NP	BY MANUFACTURER (MIN 16"X16"X8") MIN SIZE PER FILL	AS REQUIRED
R J-190X	REQUIREMENT. NEMA 3, 4, DR 4X AS REQUIRED AL, SS HINGES,	
	COUNTED A DOID OF A ON TO THE REMARKED ALL SS IMPLOY	I
	BY MANUFACTURER SIZED PER ALIGNMENT, SPACING, AND FILL	AS REQUIRED
R J-BOX	GENERATOR RECEPTICLE V/ANGLE MINUMUM OF 100 AMP. SIZE AS IN	
	DASKETEL, & DRIP EDUC. CLARGER UNITS MAY REQUIRE 2 J-BOO BY MANUFACTURER SIZED PER ALIGNMENT, SPACING, AND FILL REQUIREMENTS. NEMA 3R, 4, OR 12 AS REQUIRED. 3 PUINT LATCH SYSTEM ON DODR. AL BACKPLATE, SS HARDWARE.	
	CPT           I         CCT           I         FL           AL         BLPC           I         PT           4         RB8           3         R2/R12/R22           3         R17           3         R2/R12/R22           3         R1/R24/R34           3         R5/R6/R7           3         R1/R23/R33/R19           2         TD1/TD2           3         R1/R23/R33/R19           2         TD1/TD2           3         R1/R23/R33/R19           2         TD1/TD2           3         R1/R23/R33/R19           2         TD1/TD2           3         R1/R23/R33/R19           4         RH13/17/21           9         PL23           4         CRDL           7         PL23           8         ETM1/2/3           7         GRDL           8         TBEB           8         TBEB           8         TBES           9         LB           9         LLB           10         RES           11         PTB1/2/3	1       CPT       SOB. CONTROL POLVER TRANSFORMER 460V-120V,

## -EXHIBIT A PUMP STATION CONTROL PANEL SPECIFICATIONS

# **CONTROL PANEL NOTES:**

Panel designer may make changes in materials and component manufacturer, with City Utilities Engineer's approval only.

Manufacturer shall list any additional equipment necessary to provide a clean, neat, professional, and Code compliant control panel; such as: Lugs, distribution terminals, wire races, etc..

The panel manufacturer shall provide two (2) sets of As-Built drawings in hard copy, and the drawings shall be provided in Dwg 2004 format, on a CD.

A laminated As-Built Ladder Diagram shall be attached to the inside of the outer control panel door.

The Control Panel Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3R, 4, or 12 as required, gasketed, with: A padlockable hasp, three point latch system (one each per door if more than one door is required), wind restrainer arm(s) that includes all hardware to restrain both the main and dead front door(s) when open; backplate(s), and drip edge that extends the entire length of the top of the enclosure.

The Junction Box Enclosure shall be Type 14 gauge minimum Aluminum, NEMA 3, 4, or 4X as required, gasketed, with: A padlockable hasp, hinged door. The Junction Box shall have an Aluminum back plate for component mounting. The Junction Box shall have industrial grade terminal strips of sufficient size and spacing, as required by these specifications. The Junction Box shall be isolated from the Control Panel with the properly sized seal-off fittings (not to exceed 80% capacity), pre-wired, and supplied with epoxy sealant per manufacturer recommendations. The epoxy sealant shall be supplied with but installed on site after all connections are made, confirmed, and accepted by the City. The J-Box shall be mounted to the panel using Myers Hubs at both panels, Al or SS threaded nippples, and Cast AL Vertical EYE fittings.

The Control Panel Enclosure and the Junction Box Enclosure shall be shipped: Pre-wired, Pre-tested, and complete as one unit, unless this creates a shipping hazard. If the J-Box requires removal for shipping, all wires shall be properly tagged and protected during shipping. The enclosures and components shall be properly packed to prevent damage and loss during shipment to our Naples location.

All Panduit (or equal) wire raceways shall not be filled in excess of 80% capacity. All wires extending outside of a raceway in excess of 5" shall be held in place with plastic wire ties. All wiring shall be neat and un-tangled.

All wires shall be properly labeled at each termination point. All wires and terminals shall be rated according to NEC standards.

FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	TRIPLEX PUMP CONTROL PANEL	SHEET: WW-58
DRAWN: DAG	CONTROL PANEL NOTES	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-58.DWG

## TRIPLEX: 460VAC - 3PH - 4W - 60HZ

# EXHIBIT A PUMP STATION CONTROL PANEL SPECIFICATIONS

LABEL.	QUANT	COLOR	DESCRIPTION
MCB	2	BLACK	MAIN CIRCUIT BREAKER
GCB	5	BLACK	GENERATOR CIRCUIT BREAKER
PCB1	2	BLACK	PUMP 1 CIRCUIT BREAKER
PCB2	2	BLACK	PUMP 2 CIRCUIT BREAKER
PCB3	2	BLACK	PUMP 3 CIRCUIT BREAKER
CB1	1	BLACK	CONTROL CIRCUIT BREAKER
CB2		BLACK	RECEPTICLE CIRCUIT BREAKER
CB3		BLACK	SPARE CIRCUIT BREAKER
CB4	1	BLACK	LIGHTING/FAN CIRCUIT BREAKER
CB5	2	BLACK	
VFD1		BLACK	RTU POWER CIRCUIT BREAKER
VFD2	1		VARIABLE FREQUENCY DRIVE 1
	1	BLACK	VARIABLE FREQUENCY DRIVE 2
VFD3	1	BLACK	VARIABLE FREQUENCY DRIVE 3
CB11	<u> </u>	BLACK	PHASE MONITOR CIRCUIT BREAKER
CB12	1	BLACK	CONTROL POWER TRANSFORMER LINE CIRCUIT BREAKER
CB13	1	BLACK	CONTROL POWER TRANSFORMER LOAD CIRCUIT BREAKER
CB14	1	BLACK	CUNTROL CIRCUIT TRANSFORMER LINE CIRCUIT BREAKER
CB15	1	BLACK	CONTROL POWER TRANSFORMER LOAD CIRCUIT BREAKER
PM	1	BLACK	PHASE MONITOR
CPT	1	BLACK	CONTROL POWER TRANSFORMER
CCT	1	BLACK	CONTROL CIRCUIT TRANSFORMER
R1	1	BLUE	FLOAT PUMP START/LATCH RELAY
R17		BLUE	PANEL, INTRUSION RELAY
R2		BLUE	VFD1 RUN COMMAND RELAY
R12	1	BLUE	VFD2 RUN COMMAND RELAY
R22	1	BLUE	VFD2 RUN COMMAND RELAY
R14			
R24	<u> </u>	BLUE	VFD1 REMOTE RESET RELAY
R34	1	BLUE	VFD2 REMDTE RESET RELAY
	1	BLUE	VFD3 REMDTE RESET RELAY
R5	1	BLUE	PI CALL RELAY
R6	1	BLUE	P2 CALL RELAY
R7	1	BLUE	P3 CALL RELAY
R8	1	BLUE	PI DISABLE RELAY
R9	1	BLUÊ	P2 DISABLE RELAY
R10	1	BLUE	P3 DISABLE RELAY
R13	1	BLUE	PI VFD FAULT/THERMAL FAIL ALARM RELAY
R23	1	BLUE	P2 VFD FAULT/THERMAL FAIL ALARM RELAY
R33	1	BLUE	P3 VFD FAULT/THERMAL FAIL ALARM RELAY
R18	1	BLUE	LOW LEVEL FLOAT CUT OFF RELAY
R4	1	RED	HIGH LEVEL ALARH (CUNTROLLER) RELAY
TDI	1	BLUE	FLOAT OPERATED SECOND PUMP ON TIME DELAY RELAY
TD2	1	BLUE	FLOAT OPERATED THIRD PUMP ON TIME DELAY RELAY
TB4	1	BLUE	ALARM LIGHT TERMINAL BLOCK
TBIA		BLUE	PANEL CONTROLS TERMINAL BLOCK
TBIB		BLUE	J-BOX1 CONTROLS TERMINAL BLOCK
TB2B	1	BLUE	
TBGA	1	BLUE	J-BOX2 CONTROLS TERMINAL BLOCK
TB6B	1		RTU INTERFACE TERMINAL BLOCK A
PIRUN		BLUE	RTU INTERFACE TERMINAL BLOCK B
	1	BLUE	PI RUN PILDT LIGHT
P2 RUN	1	BLUE	P2 RUN PILOT LIGHT
FLASH	1	RED	FLASHER FOR HIGH LEVEL
1 THERML	1	RED	PI THERMAL DVERLOAD ALARM PILOT LIGHT
	1	RED	P2 THERMAL OVERLOAD ALARM PILOT LIGHT

Each switch, circuit breaker, indicating light, push button, relay, etc., shall have an engraved laminated plastic color coded nameplate mounted above of below the device for proper indentification; RED for alarm, BLACK for Power, and BLUE for level and controls. Letters shall be a minimum of 1/4" in height. A quality, long lasting adhesive shall be used for mounting the labels.

### TRIPLEX: 460VAC - 3PH - 4W - 60HZ

FOR:	UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: NOV. 2011	TRIPLEX PUMP CONTROL PANEL	SHEET: WW59
DRAWN: DAG	PANEL LABELING DETAILS	DIR: WASTEWATER
SCALE: N.T.S.	380 RIVERSIDE CIRCLE, NAPLES, FLOIRDA, 34102	DWG. WW-59.DWG

# **ADDENDUM NUMBER 1**

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	SID OPENING DATE & TIME:
03/09/12	PUMP STATION CONTROL PANELS	032/12	03/30/12 2:00PM

# THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

Demandstar did not include the Exhibit A specifications as required (see revised bid document).

#### IMPORTANT MESSAGE

# **ADDENDUM NUMBER 1**

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	BIO OPENING DATE & TIME:
03/09/12	PUMP STATION CONTROL PANELS	032/12	03/30/12 2:00PM

# THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

1. The generator receptacle specified (Hubbell C4100R9W) is rated at 3-phase / 250V 100 Amps.

This make and model of GR was used as a standard minimum. The actual GR Model supplied with the control panel will be sized as to the required load and voltage of the specified panel.

2. This GR will only work on panels rated at 230V (1 & 3-phase) and 100A or less. Even at 230V; we need a GR rated @ 200A for 15HP and 20HP applications.

This make and model of GR was used as a standard minimum. The actual GR Model supplied with the control panel will be sized as to the required load and voltage of the specified panel.

3. What about for 480VAC applications?

This make and model of GR was used as a standard minimum. The actual GR Model supplied with the control panel will be sized as to the required load and voltage of the specified panel.

4. All the drawings show Variable Frequency Drives; ATV312 Schneider series. There are no across-the-line starters; just want to be clear.

Correct

5. For 480VAC applications; the ATV312 goes up to 20HP. What about for 30, 35and 47 HP applications? See attachment.

All panels servicing motors greater than 20 HP should be equipped with ATV61 model Variable Frequency Drive. However, the vendor shall be ultimately responsible for insuring that applicable components and parts are being used with the appropriate horse-power ratings.

6. The drawings show the analog signal from the transducer being looped in series between the RTU, VFD's and Devar Duplex controller. What about using signal isolators?

The use of signal isolators is not a requirement.

#### IMPORTANT MESSAGE

7. On double door panels; there is going to be a lot of stress on the supporting legs since there should be enough clearance to install two j-boxes with seal-off and Myers hubs. The panel and legs are made of aluminum.

The plans require mounting eyelets for all panels with the statement that due to size and weight requirements, panel legs may be required to be supplied with the panels. The bidder must provide the necessary mounting apparatuses as require for a safe installation.

8. The highest enclosure rating that you can obtain is NEMA 3R; hoods need to be installed covering the fan and exhaust grille in order to maintain the NEMA rating.

With the penetrations specified in the plans, the NEMA 3R rating is correct for the control enclosures. The J-Box enclosures are required to be 4X per Code. As noted in the plans, the enclosures shall be NEMA rated so if the fan and exhaust require hoods for the NEMA Rating then they shall be included and noted.

9. Are the panels to be UL 508 listed?

The City Standards do not require the control panels to be UL Certified, however; all components use to construct the panel must have a UL Rating. The reason for this is that any field modifications performed during installation of a UL Certified panel would negate the UL Certification, which deemed cost prohibitive to the City.

10. Item # 6, "Required Documentation", asks for the bidder to provide documentation with their proposal which you spell out in item# 6, parts A through H. These items basically require that the bidder submitts a completely engineered submittal package for each of the control panels listed on the bid. This engineered submittal package is typically done at the time of order, not the time of bid as it would require about 50 hours of engineering in order to draw these out just for bidding purposes, and the City has already supplied these required drawings, wiring schematics, and lists of materials in the "Exhibit A Pump Station Control Panel Specifications" section of this bid. So if the bidder is bidding these control panels exactly per the documents that The City has already provided in this bid then can the bidder just call out in our bid that we are bidding pur specification, rather than making copies of the documents that the City has already supplied and just attaching our name to them? If this acceptable then the successful bidder will be able to provide the City with these documents when the bid is awarded.

The successful Bidder, upon award and issuance of a City of Naples Purchase Order, shall provide City Staff with Submittals as defined in a. through h. below for review and approval within 14 days. No construction or purchase of materials for the project panels shall be performed until final City approval is provided.

#### SITE VISIT

Site visits to see existing panels are available upon request, but must be coordinated through Purchasing.

#### IMPORTANT MESSAGE

# **ADDENDUM NUMBER 3**

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE & TIME :
03/09/12	PUMP STATION CONTROL PANELS	032/12	04/11/12 2:00PM

# THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

The bid opening date is being modified to 2:00 PM, April 11, 2012.

IMPORTANT MESSAGE

## **ADDENDUM NUMBER 4**

BOTIFICATION DATE:	BID TITLE:	BID WOMBER:	BID OPENING DATE & TIME:
3/30/12	PUMP STATION CONTROL PANELS	032/12	04/11/12 2:00PM

# THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

A question was raised under MINIMUM CONTRACT SERVICE REQUIREMENTS requiring that Bidders shall have a servicing office within Collier and Lee County.

The City is amending the restriction to allow bidders with a service office outside of Lee / Collier as long as there is demonstrated proof that a technician can be onsite within 2 hours of an issue with a control panel during the warranty period. Please provide information relating to where the office is located and how a technician would be available within a two (2) hour period of time.

IMPORTANT MESSAGE

## END OF EXHIBIT B

## **EXHIBIT C**

## GENERAL INSURANCE REQUIREMENTS

The Contractor shall not commence work until he has obtained all the insurance required under this heading, and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work until all similar insurance required of the subcontractor has also been obtained and approved by the Owner.

Certificates of insurance must be issued by an authorized representative of the insurance company at the request and direction of the policyholder and must include sufficient information so as to identify the coverage and the contract for Owner's improvements for which they are issued. Certificates of insurance must be issued by a nationally recognized insurance company with a Best's Rating of no less than B+VII, satisfactory to the Owner, and duly licensed to do business in the state of said Contract.

The Contractor shall procure and maintain, during the life of this Contract, Workmen's Compensation Insurance for all of his employees to be engaged in work under this Contract, and he shall require any subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work, unless such employees are covered by the protection afforded by the Contractor's insurance. In case any employees are to be engaged in hazardous work under this Contract, and are not protected under this Workmen's Compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, adequate coverage for the protection of such employees. It is acceptable to use a State-approved Workmen's Compensation Self-Insurance fund.

The Contractor shall take out and maintain during the life of this Contract, Public Liability and Property Damage and shall include Contractual Liability, Personal Injury, Libel, Slander, False Arrest, Malicious Prosecution, Wrongful Entry or Eviction, Broad Form Property Damage, Products, Completed Operations and XCU Coverage to be included on an occurrence basis, and to the full extent of the Contract to protect him, the Owner, and any subcontractor performing work covered by this Contract from damages for personal injury, including accidental death, as well as from claims for property damage, which may arise from operations under this contract, whether such operations be by himself or by a subcontractor, or by anyone directly or indirectly employed by either of them. The Contractor shall also maintain automobile liability insurance including "non-owned and hired" coverage. The entire cost of this insurance shall be borne by the Contractor.

The amount of such insurance shall be no less than \$1,000,000 annual aggregate for bodily injury and property damage combined per occurrence.

The City of Naples must be named as **Additional Insured** on the insurance certificate <u>and the following must also be stated on</u> <u>the certificate</u>. "These coverage's are primary to all other coverage's the City possesses for this contract only." The City of Naples shall be named as the Certificate Holder. **The Certificate Holder shall read as follows:** 

## The City of Naples 735 Eighth Street South Naples, Florida 34102

No City Division, Department, or individual name should appear on the Certificate. <u>No other format will be acceptable</u>.

The Certificate must state the bid number and title.

When using the "Accord"- 25 Certificate of Insurance only the most current version will be accepted.

The City of Naples requires a copy of a cancellation notice in the event the policy is cancelled. The City of Naples shall be expressly endorsed onto the policy as a cancellation notice recipient must be deleted: "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company"

[If other insurance or insurance requirements or any waivers, attach as Exhibit C-1through C-__]

## END OF EXHIBIT C

## **EXHIBIT D**

## CERTIFICATION OF COMPLIANCE WITH IMMIGRATION LAWS

The undersigned, is the ______ of the ______ Mader Electric Motors ("the CONTRACTOR), and hereby certifies to the following:

1. The CONTRACTOR is in full compliance with all provisions of the Immigration Reform and Control Act of 1986 ("IRCA"), as well as all related immigration laws, rules, regulations pertaining to proper employee work authorization in the United States.

2. The undersigned has verified that the CONTRACTOR has obtained and maintains on file, and will continue to obtain and maintain on file, all documentation required by law, including but not limited to, Form I-9, Employment Eligibility Verification, for all persons employed by or working for the CONTRACTOR in any capacity on any project for the City of Naples (CITY). All such persons have provided evidence of identity and eligibility to work to the CONTRACTOR in accordance with the IRCA and related law. The undersigned hereby affirms that no person has been or will be employed by the CONTRACTOR to work on projects for the CITY who is not authorized to work under law. The undersigned further affirms that the CONTRACTOR's files will be updated by written notice any time that additional employees work on projects for the CITY.

3. The CONTRACTOR will have its contractors, subcontractors, suppliers and vendors who are involved in projects for the CITY to sign a written acknowledgment that they too are in compliance with immigration law. It is understood that failure to do so could result in the CONTRACTOR being liable for any violation of the law by such third parties.

4. The CONTRACTOR will fully cooperate with and have its contractors, subcontractors, suppliers and vendors to fully cooperate with, all inquiries and investigations conducted by any governmental agency in connection with proper compliance with the laws pertaining to appropriate work authorization in the United States.

5. The undersigned, on behalf of the CONTRACTOR, acknowledges that this Certification may be relied upon by the CITY, its officers, directors, employees, and affiliates or related persons and entities.

6. If it is found that the CONTRACTOR has not complied with the laws pertaining to proper employment authorization, and any legal and administrative action ensues against the CITY, the CONTRACTOR will indemnify, defend and hold the CITY harmless along with their officers, directors, employees, and affiliated or related persons and entities.

7. The CONTRACTOR acknowledges that the CITY by their authorized representatives shall have the right, at any time, upon 24 hours notice, to examine the CONTRACTOR's books and records to confirm that the CONTRACTOR is in compliance with the terms of this certification.

Executed this ______ day of ______, 2012.

By:_____

## **ACKNOWLEDGMENT**

STATE OF _____

COUNTY OF _____

SWORN TO AND SUBSCRIBED before me this _____ day of _____, 2011.

The Affiant, ______, is [ ] personally known to me or [ ] has produced _______ as identification, which is current or has been issued within the past five years and bars a serial number of other identifying number.

Print Name:

NOTARY PUBLIC - STATE

OF _____

Commission Number:_____

My Commission Expires:______(Notary Seal)

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