

Solicitation Y2114640B1

SEWER LIFT STATION, REHABILITATION AND REPAIR

Bid Designation: Public



Broward County Board of County Commissioners

Bid Y2114640B1

SEWER LIFT STATION, REHABILITATION AND REPAIR

Bid Number Y2114640B1
Bid Title SEWER LIFT STATION, REHABILITATION AND REPAIR

Bid Start Date Sep 27, 2017 12:08:52 PM EDT
Bid End Date Oct 20, 2017 2:00:00 PM EDT
Question & Answer End Date Oct 13, 2017 5:00:00 PM EDT

Bid Contact Nancy Olesen
Purchasing
954-357-7995
nolesen@broward.org

Contract Duration **1 year**
Contract Renewal 2 annual renewals
Prices Good for **120 days**

Pre-Bid Conference **Oct 6, 2017 2:00:00 PM EDT**
Attendance is optional
Location: Broward County
Water and Wastewater Services
2555 West Copans Road
Building 2, 1st Floor Training Room
Pompano Beach, FL 33069
Attendance at the pre-bid conference is optional. This information session presents an opportunity for vendors to clarify any concerns regarding the bid requirements. The vendor is cautioned that, although the pre-bid conference is optional, no modification or any changes will be allowed in the pricing because of the failure of the vendor(s) to have visited the site or to have attended the conference.
Job site visitation is strongly recommended; submission of a bid will be construed that the vendor is acquainted sufficiently with the work to be performed.
If you require any auxiliary aids for communication, please call 357-6066 so that arrangements can be made in advance.

Bid Comments **Scope of Work: Scope includes, but is not limited to, the furnishing of all labor, materials, equipment, services and incidentals for the Repair and Rehabilitation of Sewer Lift Stations and appurtenances. The work to be done consists of all activities associated with the repair or rehabilitation of sewer lift stations including, but not limited to, by-pass pumping, wet well repair and restoration, replacement of top slabs, hatches, pumps, pipes, valves, control panels, electrical services, connection panels, underground vaults, excavating and backfilling, disposing of surplus material and restoration.**
Basis of Award: It is the County's intent to award this contract to the lowest responsive responsible bidder on total bid price for all Groups. Bidders must bid on all lines items within each group to be considered by award. Failure to bid on all lines items for total bid price may result in rejection of bid.

Goal Participation: This solicitation includes participation goals for Broward County certified County Business Enterprises. Refer to Special Instructions and the Office of Economic and Small Business Development Requirements section for additional information.

Bid Allowance Amounts : The solicitation includes pass-thru allowances. It is not necessary to add your allowance amounts into your bid prices. BidSync will automatically add the allowance amounts indicated to your bid total and will be reflected on final bid tabulation.

Workforce One Investment Program applies to this contract. Refer to Workforce Investment Program Requirements section for additional information.

County/State License Requirements: In order to be considered a responsive and responsible Vendor for the scope of work set forth in this solicitation, the Vendor must possess a specified license at the time of submittal (refer to Special Instructions for requirements).

Bid Guaranty: Each submittal shall be accompanied by a bid guaranty in an amount equal to five percent (5%) of the total bid price. (refer to Bid Guaranty, Performance and Payment Guaranties, and Qualifications of Surety Requirements).

Questions and Answers: The County provides a specified time for Vendors to ask questions and seek clarification regarding the requirements of the solicitation. All questions or clarification inquiries must be submitted through BidSync by the date and time referenced in the solicitation document (including any addenda). The County will respond to all questions via Bid Sync.

Vendor MUST submit its solicitation response electronically and **MUST** confirm its submittal in order for the County to receive a valid response through BidSync. Refer to the Purchasing Division website or contact BidSync for submittal instructions. It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In the event that the Vendor is having difficulty submitting the solicitation document through Bid Sync, immediately notify the Purchasing Agent and then contact BidSync for technical assistance.

Item Response Form

Item	Y2114640B1--01-01 - Group 1: Mobilization for Routine Work Order under \$5,000.00
Lot Description	Group 1
Quantity	5 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 5

Description

Mobilization for Routine Work Order under \$5,000.00

Item	Y2114640B1--01-02 - Group 1: Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00
Lot Description	Group 1
Quantity	5 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069

Qty 5**Description**

Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00

Item Y2114640B1--01-03 - Group 1: Mobilization for Routine Work Order over \$25,000.01**Lot Description** Group 1**Quantity** 13 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 13**Description**

Mobilization for Routine Work Order over \$25,000.01

Item Y2114640B1--01-04 - Group 1: Mobilization for Urgent Work Order under \$5,000.00**Lot Description** Group 1**Quantity** 3 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3**Description**

Mobilization for Urgent Work Order under \$5,000.00

Item Y2114640B1--01-05 - Group 1: Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00**Lot Description** Group 1**Quantity** 3 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3**Description**

Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00

Item **Y2114640B1--01-06** - Group 1: Mobilization for Urgent Work Order over \$25,000.01
Lot Description Group 1
Quantity **3 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 3

Description
Mobilization for Urgent Work Order over \$25,000.01

Item **Y2114640B1--01-07** - Group 1: Provide Foreperson
Lot Description Group 1
Quantity **400 hour**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 400

Description
Provide Foreperson

Item **Y2114640B1--01-08** - Group 1: Provide Laborer / Crewperson
Lot Description Group 1
Quantity **550 hour**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 550

Description
Provide Laborer / Crewperson

Item **Y2114640B1--01-09** - Group 1: Furnish Combination Cleaner Truck
Lot Description Group 1
Quantity **110 hour**
Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 110

Description

Furnish Combination Cleaner Truck

Item **Y2114640B1--01-10 - Group 1: Provide Backhoe**

Lot Description Group 1

Quantity **35 day**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 35

Description

Provide Backhoe

Item **Y2114640B1--01-11 - Group 1: Project Planning Cost (When no work order is issued)**

Lot Description Group 1

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5

Description

Project Planning Cost (When no work order is issued)

Item **Y2114640B1--02-01 - Group 2: Demolish Slab on Grade, 8 inches thick**

Lot Description Group 2

Quantity **1000 square foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 1000**Description**

Demolish Slab on Grade, 8 inches thick

Item	Y2114640B1--02-02 - Group 2: Demolish Slab over Wet Well or Vault > 8 inches 12 inches thick
Lot Description	Group 2
Quantity	1400 square foot
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 1400

Description

Demolish Slab over Wet Well or Vault > 8 inches 12 inches thick

Item	Y2114640B1--02-03 - Group 2: Demolish and Remove Asphalt Paving
Lot Description	Group 2
Quantity	2000 square foot
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 2000

Description

Demolish and Remove Asphalt Paving

Item	Y2114640B1--02-04 - Group 2: Demolish Valve Vault and Top Slab
Lot Description	Group 2
Quantity	11 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 11

Description

Demolish Valve Vault and Top Slab

Item **Y2114640B1--02-05 - Group 2: Remove existing Iron Piping and Fittings in Wet Wells or Vaults**

Lot Description Group 2

Quantity **19 ton**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 19**Description**

Remove existing Iron Piping and Fittings in Wet Wells or Vaults

Item **Y2114640B1--02-06 - Group 2: Remove existing Iron Piping and Fittings below Grade**

Lot Description Group 2

Quantity **10 ton**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 10**Description**

Remove existing Iron Piping and Fittings below Grade

Item **Y2114640B1--02-07 - Group 2: Remove existing Valves (12 inches and under) below Grade**

Lot Description Group 2

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 10**Description**

Remove existing Valves (12 inches and under) below Grade

Item **Y2114640B1--02-08 - Group 2: Remove existing Valves (12 inches and under) in Wet Wells or Vaults**

Lot Description Group 2

Quantity **65 each**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 65**Description**

Remove existing Valves (12 inches and under) in Wet Wells or Vaults

Item

Y2114640B1--02-09 - Group 2: Remove existing Pump Base Ells and Rails

Lot Description

Group 2

Quantity

26 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 26**Description**

Remove existing Pump Base Ells and Rails

Item

Y2114640B1--02-10 - Group 2: Remove existing Floats and Cables from Wet Well

Lot Description

Group 2

Quantity

43 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 43**Description**

Remove existing Floats and Cables from Wet Well

Item

Y2114640B1--02-11 - Group 2: Remove existing PVC Piping and Fittings in Wet Wells or Vaults

Lot Description

Group 2

Quantity

1003 pound

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 1003

Description

Remove existing PVC Piping and Fittings in Wet Wells or Vaults

Item **Y2114640B1--02-12 - Group 2: Remove existing Chain Link Fence**

Lot Description Group 2

Quantity **250 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 250

Description

Remove existing Chain Link Fence

Item **Y2114640B1--02-13 - Group 2: Plug and Prepare Abandoned Pipe for Grout Filling**

Lot Description Group 2

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5

Description

Plug and Prepare Abandoned Pipe for Grout Filling

Item **Y2114640B1--02-14 - Group 2: Grout Fill Abandoned Pipe**

Lot Description Group 2

Quantity **10 cubic yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 10

Description

Grout Fill Abandoned Pipe

Item **Y2114640B1--02-15** - Group 2: Demolish Wet Well (6 foot or 8 foot diameter)
Lot Description Group 2
Quantity **31 vertical linear feet**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 31

Description

Demolish Wet Well (6 foot or 8 foot diameter)

Item **Y2114640B1--02-16** - Group 2: Fill in Abandoned Wet Well or Valve Vault
Lot Description Group 2
Quantity **30 cubic yard**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 30

Description

Fill in Abandoned Wet Well or Valve Vault

Item **Y2114640B1--02-17** - Group 2: Remove Fillet from Bottom of Wet Well
Lot Description Group 2
Quantity **100 cubic foot**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 100

Description

Remove Fillet from Bottom of Wet Well

Item **Y2114640B1--03-01** - Group 3: F&I Temporary By-pass Pumps and Piping (up to 50,000 gpd)
Lot Description Group 3
Quantity **132 day**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 132**Description**

Furnish and Install Temporary By-pass Pumps and Piping (up to 50,000 gpd)

Item

Y2114640B1--03-02 - Group 3: F&I Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)

Lot Description

Group 3

Quantity

90 day

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 90**Description**

Furnish and Install Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)

Item

Y2114640B1--03-03 - Group 3: F&I Temporary By-pass Pumps and Piping (250,001 gpd to 1.0 mgd)

Lot Description

Group 3

Quantity

120 day

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 120**Description**

Furnish and Install Temporary By-pass Pumps and Piping (250,001 gpd to 1.0 mgd)

Item

Y2114640B1--03-04 - Group 3: F&I Temporary By-pass Pumps and Piping (over 1.0 mgd)

Lot Description

Group 3

Quantity

30 day

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 30

Description

Furnish and Install Temporary By-pass Pumps and Piping (over 1.0 mgd)

Item **Y2114640B1--03-05 - Group 3: Operate and Maintain Temporary By-pass System (up to 50,000 gpd)**

Lot Description Group 3

Quantity **132 day**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 132

Description

Operate and Maintain Temporary By-pass System (up to 50,000 gpd)

Item **Y2114640B1--03-06 - Group 3: Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)**

Lot Description Group 3

Quantity **90 day**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 90

Description

Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)

Item **Y2114640B1--03-07 - Group 3: Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)**

Lot Description Group 3

Quantity **120 day**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 120**Description**

Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)

Item Y2114640B1--03-08 - Group 3: Operate and Maintain Temporary By-pass System (over 1.0 mgd)**Lot Description** Group 3**Quantity** 30 day**Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 30**Description**

Operate and Maintain Temporary By-pass System (over 1.0 mgd)

Item Y2114640B1--03-09 - Group 3: Exploratory Excavation**Lot Description** Group 3**Quantity** 9 each**Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 9**Description**

Exploratory Excavation

Item Y2114640B1--03-10 - Group 3: Non-Exploratory Excavation**Lot Description** Group 3**Quantity** 5 each**Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5**Description**

Non-Exploratory Excavation

Item	Y2114640B1--03-11 - Group 3: F&I Temporary Line Stop (4 inches to 6 inches)
Lot Description	Group 3
Quantity	4 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4**Description**

Furnish and Install Temporary Line Stop (4 inches to 6 inches)

Item	Y2114640B1--03-12 - Group 3: F&I Temporary Line Stop (8 inches to 12 inches)
Lot Description	Group 3
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Temporary Line Stop (8 inches to 12 inches)

Item	Y2114640B1--03-13 - Group 3: F&I Temporary Line Stop (14 inches to 24 inches)
Lot Description	Group 3
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Temporary Line Stop (14 inches to 24 inches)

Item	Y2114640B1--03-14 - Group 3: 8 inch Lime Rock Base Course including Sub- base Preparation
Lot Description	Group 3
Quantity	70 cubic yard

Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 70**Description**

8 inch Lime Rock Base Course including Sub-base Preparation

Item **Y2114640B1--03-15 - Group 3: 12 inch Lime Rock Base Course including Sub-base Preparation****Lot Description** Group 3**Quantity** **70 cubic yard**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 70**Description**

12 inch Lime Rock Base Course including Sub-base Preparation

Item **Y2114640B1--03-16 - Group 3: Saw Cut Asphalt Paving****Lot Description** Group 3**Quantity** **650 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 650**Description**

Saw Cut Asphalt Paving

Item **Y2114640B1--03-17 - Group 3: 1 inch Asphalt Concrete Pavement****Lot Description** Group 3**Quantity** **650 square yard**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 650

Description

1 inch Asphalt Concrete Pavement

Item **Y2114640B1--03-18** - Group 3: 2 inch Asphalt Concrete Pavement

Lot Description Group 3

Quantity **300 square yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 300

Description

2 inch Asphalt Concrete Pavement

Item **Y2114640B1--03-19** - Group 3: F&I 3/4 inch Washed Rock over Weed Barrier

Lot Description Group 3

Quantity **200 square yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 200

Description

Furnish and Install 3/4 inch Washed Rock over Weed Barrier

Item **Y2114640B1--03-20** - Group 3: F&I Seed and Mulch

Lot Description Group 3

Quantity **50 square yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 50

Description

Furnish and Install Seed and Mulch

Item **Y2114640B1--03-21 - Group 3: F&I Bahia Sod**

Lot Description Group 3

Quantity **200 square yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 200

Description

Furnish and Install Bahia Sod

Item **Y2114640B1--03-22 - Group 3: F&I Floratam Sod**

Lot Description Group 3

Quantity **500 square yard**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 500

Description

Furnish and Install Floratam Sod

Item **Y2114640B1--03-23 - Group 3: F&I Pipe Bollards**

Lot Description Group 3

Quantity **37 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 37

Description

Furnish and Install Pipe Bollards

Item **Y2114640B1--03-24 - Group 3: Relocate Existing Chain Link Fence**

Lot Description Group 3

Quantity **200 linear foot**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 200**Description**

Relocate Existing Chain Link Fence

Item

Y2114640B1--03-25 - Group 3: F&I New 6-foot Chain Link Fence

Lot Description

Group 3

Quantity

550 linear foot

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 550**Description**

Furnish and Install New 6-foot Chain Link Fence

Item

Y2114640B1--03-26 - Group 3: F&I 12-foot Chain Link Swing Gate

Lot Description

Group 3

Quantity

9 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 9**Description**

Furnish and Install 12-foot Chain Link Swing Gate

Item

Y2114640B1--03-27 - Group 3: F&I 10-foot Chain Link Roller Gate

Lot Description

Group 3

Quantity

1 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty 1****Description**

Furnish and Install 10-foot Chain Link Roller Gate

Item Y2114640B1--03-28 - Group 3: F&I 12-foot Chain Link Roller Gate**Lot Description** Group 3**Quantity** 1 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 1**Description**

Furnish and Install 12-foot Chain Link Roller Gate

Item Y2114640B1--03-29 - Group 3: Produce and Submit As Built-Drawings**Lot Description** Group 3**Quantity** 12 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 12**Description**

Produce and Submit As Built-Drawings

Item Y2114640B1--04-01 - Group 4: Saw Cut Concrete up to 12 inches thick**Lot Description** Group 4**Quantity** 180 linear foot**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 180**Description**

Saw Cut Concrete up to 12 inches thick

Item **Y2114640B1--04-02 - Group 4: Saw Cut Concrete > 12 inches 24 inches thick**
Lot Description Group 4
Quantity **30 linear foot**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 30**Description**

Saw Cut Concrete > 12 inches 24 inches thick

Item **Y2114640B1--04-03 - Group 4: Core Hole in Concrete up to 12 inches thick (less than 6 inch diameter)**
Lot Description Group 4
Quantity **20 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 20**Description**

Core Hole in Concrete up to 12 inches thick (less than 6 inch diameter)

Item **Y2114640B1--04-04 - Group 4: Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)**
Lot Description Group 4
Quantity **32 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 32**Description**

Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)

Item **Y2114640B1--04-05 - Group 4: Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)**

Lot Description Group 4
Quantity **5 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 5

Description

Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)

Item **Y2114640B1--04-06 - Group 4: F&I Precast Wet Well Structure (6 foot diameter)**
Lot Description Group 4
Quantity **65 vertical linear feet**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 65

Description

Furnish and Install Precast Wet Well Structure (6 foot diameter)

Item **Y2114640B1--04-07 - Group 4: F&I Precast Wet Well Structure (8 foot diameter)**
Lot Description Group 4
Quantity **40 vertical linear feet**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 40

Description

Furnish and Install Precast Wet Well Structure (8 foot diameter)

Item **Y2114640B1--04-08 - Group 4: F&I Precast Wet Well Structure (10 foot diameter)**
Lot Description Group 4
Quantity **25 vertical linear feet**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 25

Description

Furnish and Install Precast Wet Well Structure (10 foot diameter)

Item **Y2114640B1--04-09 - Group 4: F&I Precast Wet Well Structure (12 foot diameter)**

Lot Description Group 4

Quantity **30 vertical linear feet**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 30

Description

Furnish and Install Precast Wet Well Structure (12 foot diameter)

Item **Y2114640B1--04-10 - Group 4: F&I Wet Well Precast Top Slab with 3 foot x 4 foot Hatch (6 foot diameter)**

Lot Description Group 4

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 8

Description

Furnish and Install Wet Well Precast Top Slab with 3 foot x 4 foot Hatch (6 foot diameter)

Item **Y2114640B1--04-11 - Group 4: F&I Wet Well Precast Top Slab with 3.5 foot x 5 foot Hatch (8 foot diameter)**

Lot Description Group 4

Quantity **3 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 3**Description**

Furnish and Install Wet Well Precast Top Slab with 3.5 foot x 5 foot Hatch (8 foot diameter)

Item	Y2114640B1--04-12 - Group 4: F&I Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069

Qty 2

Description

Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)

Item	Y2114640B1--04-13 - Group 4: F&I Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)
Lot Description	Group 4
Quantity	1 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069

Qty 1

Description

Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)

Item	Y2114640B1--04-14 - Group 4: F&I Retrofit Hatch (TPD - 300 psf) 47 inch x 47 inch
Lot Description	Group 4
Quantity	3 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069

Qty 3

Description

Furnish and Install Retrofit Hatch (TPD - 300 psf) 47 inch x 47 inch

Item	Y2114640B1--04-15 - Group 4: F&I Retrofit Hatch (TPD - 300 psf) 47 inch x 53 inch
Lot Description	Group 4
Quantity	3 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3**Description**

Furnish and Install Retrofit Hatch (TPD - 300 psf) 47 inch x 53 inch

Item	Y2114640B1--04-16 - Group 4: F&I Retrofit Hatch (TPD - 300 psf) 47 inch x 71 inch
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Retrofit Hatch (TPD - 300 psf) 47 inch x 71 inch

Item	Y2114640B1--04-17 - Group 4: F&I Retrofit Hatch (TPD - 300 psf) 59 inch x 59 inch
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Retrofit Hatch (TPD - 300 psf) 59 inch x 59 inch

Item	Y2114640B1--04-18 - Group 4: F&I Wet Well Fillet
Lot Description	Group 4
Quantity	80 cubic foot
Unit Price	

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 80

Description

Furnish and Install Wet Well Fillet

Item **Y2114640B1--04-19 - Group 4: F&I 4.5 foot x 7.0 foot Precast Meter Vault**

Lot Description Group 4

Quantity **4 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 4

Description

Furnish and Install 4.5 foot x 7.0 foot Precast Meter Vault

Item **Y2114640B1--04-20 - Group 4: F&I 5.5 foot x 8.0 foot Precast Meter Vault**

Lot Description Group 4

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 2

Description

Furnish and Install 5.5 foot x 8.0 foot Precast Meter Vault

Item **Y2114640B1--04-21 - Group 4: F&I 6.5 foot x 9.0 foot Precast Meter Vault**

Lot Description Group 4

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install 6.5 foot x 9.0 foot Precast Meter Vault

Item Y2114640B1--04-22 - Group 4: F&I 5.0 foot x 5.0 foot Precast Meter Vault**Lot Description** Group 4**Quantity** 8 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 8**Description**

Furnish and Install 5.0 foot x 5.0 foot Precast Meter Vault

Item Y2114640B1--04-23 - Group 4: F&I 6.0 foot x 6.0 foot Precast Meter Vault**Lot Description** Group 4**Quantity** 8 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 8**Description**

Furnish and Install 6.0 foot x 6.0 foot Precast Meter Vault

Item Y2114640B1--04-24 - Group 4: Wet Well and Manhole Interior Surface Preparation**Lot Description** Group 4**Quantity** 6800 square foot**Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 6800**Description**

Wet Well and Manhole Interior Surface Preparation

Item **Y2114640B1--04-25 - Group 4: F&I Wet Well and Manhole Cementitious Coating - Brick Structures**

Lot Description Group 4

Quantity **750 square foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 750**Description**

Furnish and Install Wet Well and Manhole Cementitious Coating - Brick Structures

Item **Y2114640B1--04-26 - Group 4: F&I Wet Well and Manhole Cementitious Coating - Precast Structures**

Lot Description Group 4

Quantity **1600 square foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 1600**Description**

Furnish and Install Wet Well and Manhole Cementitious Coating - Precast Structures

Item **Y2114640B1--04-27 - Group 4: F&I Bitumastic Coating**

Lot Description Group 4

Quantity **2250 square foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2250**Description**

Furnish and Install Bitumastic Coating

Item **Y2114640B1--04-28 - Group 4: F&I Wet Well and Manhole Level II Coating**

Lot Description Group 4

Quantity **4800 square foot**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4800**Description**

Furnish and Install Wet Well and Manhole Level II Coating

Item

Y2114640B1--04-29 - Group 4: F&I Wet Well and Manhole Level III Coating

Lot Description

Group 4

Quantity

4500 square foot

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4500**Description**

Furnish and Install Wet Well and Manhole Level III Coating

Item

Y2114640B1--04-30 - Group 4: F&I Injected Chemical Grout in Concrete Structures

Lot Description

Group 4

Quantity

500 gallon

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 500**Description**

Furnish and Install Injected Chemical Grout in Concrete Structures

Item

Y2114640B1--04-31 - Group 4: F&I Meter Vault Ladder

Lot Description

Group 4

Quantity

2 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty 2****Description**

Furnish and Install Meter Vault Ladder

Item	Y2114640B1--04-32 - Group 4: F&I Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 2

Description

Furnish and Install Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep

Item	Y2114640B1--04-33 - Group 4: F&I Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 2

Description

Furnish and Install Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep

Item	Y2114640B1--04-34 - Group 4: F&I Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep
Lot Description	Group 4
Quantity	2 each
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 2

Description

Furnish and Install Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep

Item Y2114640B1--04-35 - Group 4: F&I Precast Manhole, 4 foot diameter, over 18 feet deep**Lot Description** Group 4**Quantity** 2 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Precast Manhole, 4 foot diameter, over 18 feet deep

Item Y2114640B1--04-36 - Group 4: F&I Reinforced Concrete Slab on Grade (up to 12 inches thick)**Lot Description** Group 4**Quantity** 90 cubic yard**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 90**Description**

Furnish and Install Reinforced Concrete Slab on Grade (up to 12 inches thick)

Item Y2114640B1--04-37 - Group 4: F&I Reinforced Formed Concrete**Lot Description** Group 4**Quantity** 160 cubic yard**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 160**Description**

Furnish and Install Reinforced Formed Concrete

Item Y2114640B1--04-38 - Group 4: F&I Miscellaneous Unreinforced Formed Concrete

Lot Description Group 4
Quantity **150 cubic yard**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 150

Description

Furnish and Install Miscellaneous Unreinforced Formed Concrete

Item **Y2114640B1--04-39 - Group 4: F&I Tremie Concrete**
Lot Description Group 4
Quantity **20 cubic yard**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 20

Description

Furnish and Install Tremie Concrete

Item **Y2114640B1--04-40 - Group 4: Form and Pour Concrete Sidewalk (6 inch thick unreinforced)**
Lot Description Group 4
Quantity **300 square yard**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 300

Description

Form and Pour Concrete Sidewalk (6 inch thick unreinforced)

Item **Y2114640B1--04-41 - Group 4: F&I Flowable Fill**
Lot Description Group 4
Quantity **25 cubic yard**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 25

Description

Furnish and Install Flowable Fill

Item **Y2114640B1--04-42 - Group 4: Furnish Concrete Pump****Lot Description** Group 4**Quantity** **45 hour****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 45

Description

Furnish Concrete Pump

Item **Y2114640B1--05-01 - Group 5: F&I 4 inch FLG Plug Valve with Stainless Steel Accessories****Lot Description** Group 5**Quantity** **24 each****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 24

Description

Furnish and Install 4 inch FLG Plug Valve with Stainless Steel Accessories

Item **Y2114640B1--05-02 - Group 5: F&I 6 inch FLG Plug Valve with Stainless Steel Accessories****Lot Description** Group 5**Quantity** **10 each****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 10

Description

Furnish and Install 6 inch FLG Plug Valve with Stainless Steel Accessories

Item **Y2114640B1--05-03 - Group 5: F&I 8 inch FLG Plug Valve with Stainless Steel Accessories**

Lot Description Group 5

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 8

Description

Furnish and Install 8 inch FLG Plug Valve with Stainless Steel Accessories

Item **Y2114640B1--05-04 - Group 5: F&I 10 inch FLG Plug Valve with Stainless Steel Accessories**

Lot Description Group 5

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5

Description

Furnish and Install 10 inch FLG Plug Valve with Stainless Steel Accessories

Item **Y2114640B1--05-05 - Group 5: F&I 12 inch FLG Plug Valve with Stainless Steel Accessories**

Lot Description Group 5

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5

Description

Furnish and Install 12 inch FLG Plug Valve with Stainless Steel Accessories

Item **Y2114640B1--05-06 - Group 5: F&I 4 inch Check Valve with Stainless Steel Accessories**

Lot Description Group 5

Quantity **18 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 18

Description

Furnish and Install 4 inch Check Valve with Stainless Steel Accessories

Item **Y2114640B1--05-07 - Group 5: F&I 6 inch Check Valve with Stainless Steel Accessories**
Lot Description Group 5
Quantity **10 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 10

Description

Furnish and Install 6 inch Check Valve with Stainless Steel Accessories

Item **Y2114640B1--05-08 - Group 5: F&I 8 inch Check Valve with Stainless Steel Accessories**
Lot Description Group 5
Quantity **8 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 8

Description

Furnish and Install 8 inch Check Valve with Stainless Steel Accessories

Item **Y2114640B1--05-09 - Group 5: F&I 10 inch Check Valve with Stainless Steel Accessories**
Lot Description Group 5
Quantity **4 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 4

Description

Furnish and Install 10 inch Check Valve with Stainless Steel Accessories

Item **Y2114640B1--05-10** - Group 5: F&I 12 inch Check Valve with Stainless Steel Accessories
Lot Description Group 5
Quantity **5 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 5

Description

Furnish and Install 12 inch Check Valve with Stainless Steel Accessories

Item **Y2114640B1--05-11** - Group 5: F&I 4 inch Pump Out Connection
Lot Description Group 5
Quantity **8 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 8

Description

Furnish and Install 4 inch Pump Out Connection

Item **Y2114640B1--05-12** - Group 5: F&I 6 inch Pump Out Connection
Lot Description Group 5
Quantity **5 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 5

Description

Furnish and Install 6 inch Pump Out Connection

Item **Y2114640B1--05-13 - Group 5: F&I 4 inch MJ Plug Valve with Accessories**
Lot Description Group 5
Quantity **8 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 8

Description

Furnish and Install 4 inch MJ Plug Valve with Accessories

Item **Y2114640B1--05-14 - Group 5: F&I 6 inch MJ Plug Valve with Accessories**
Lot Description Group 5
Quantity **8 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 8

Description

Furnish and Install 6 inch MJ Plug Valve with Accessories

Item **Y2114640B1--05-15 - Group 5: F&I 8 inch MJ Plug Valve with Accessories**
Lot Description Group 5
Quantity **4 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 4

Description

Furnish and Install 8 inch MJ Plug Valve with Accessories

Item **Y2114640B1--05-16 - Group 5: F&I 10 inch MJ Plug Valve with Accessories**
Lot Description Group 5
Quantity **2 each**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install 10 inch MJ Plug Valve with Accessories

Item

Y2114640B1--05-17 - Group 5: F&I 12 inch MJ Plug Valve with Accessories

Lot Description

Group 5

Quantity

3 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3**Description**

Furnish and Install 12 inch MJ Plug Valve with Accessories

Item

Y2114640B1--05-18 - Group 5: F&I 4 inch Flanged DI Piping

Lot Description

Group 5

Quantity

500 linear foot

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 500**Description**

Furnish and Install 4 inch Flanged DI Piping

Item

Y2114640B1--05-19 - Group 5: F&I 6 inch Flanged DI Piping

Lot Description

Group 5

Quantity

250 linear foot

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 250

Description

Furnish and Install 6 inch Flanged DI Piping

Item **Y2114640B1--05-20** - Group 5: F&I 8 inch Flanged DI Piping

Lot Description Group 5

Quantity **200 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 200

Description

Furnish and Install 8 inch Flanged DI Piping

Item **Y2114640B1--05-21** - Group 5: F&I 10 inch Flanged DI Piping

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100

Description

Furnish and Install 10 inch Flanged DI Piping

Item **Y2114640B1--05-22** - Group 5: F&I 12 inch Flanged DI Piping

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100

Description

Furnish and Install 12 inch Flanged DI Piping

Item **Y2114640B1--05-23** - Group 5: F&I 4 inch MJ Flexible Joint
Lot Description Group 5
Quantity **4 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 4

Description

Furnish and Install 4 inch MJ Flexible Joint

Item **Y2114640B1--05-24** - Group 5: F&I 6 inch MJ Flexible Joint
Lot Description Group 5
Quantity **4 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 4

Description

Furnish and Install 6 inch MJ Flexible Joint

Item **Y2114640B1--05-25** - Group 5: F&I 8 inch MJ Flexible Joint
Lot Description Group 5
Quantity **3 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

[EV0057](#)

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 3

Description

Furnish and Install 8 inch MJ Flexible Joint

Item **Y2114640B1--05-26** - Group 5: F&I 10 inch MJ Flexible Joint
Lot Description Group 5
Quantity **3 each**
Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 3

Description

Furnish and Install 10 inch MJ Flexible Joint

Item **Y2114640B1--05-27 - Group 5: F&I Pump Base Elbow and County Supplied Pumps (4 inch Discharge)**

Lot Description Group 5

Quantity **18 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 18

Description

Furnish and Install Pump Base Elbow and County Supplied Pumps (4 inch Discharge)

Item **Y2114640B1--05-28 - Group 5: F&I Pump Base Elbow and County Supplied Pumps (6 inch Discharge)**

Lot Description Group 5

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069

Qty 8

Description

Furnish and Install Pump Base Elbow and County Supplied Pumps (6 inch Discharge)

Item **Y2114640B1--05-29 - Group 5: F&I Pump Base Elbow and County Supplied Pumps (8 inch Discharge)**

Lot Description Group 5

Quantity **4 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 4

Description

Furnish and Install Pump Base Elbow and County Supplied Pumps (8 inch Discharge)

Item **Y2114640B1--05-30 - Group 5: F&I Stainless Steel Float Hanger Bracket**

Lot Description Group 5

Quantity **13 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 13

Description

Furnish and Install Stainless Steel Float Hanger Bracket

Item **Y2114640B1--05-31 - Group 5: F&I Wet Well Vent**

Lot Description Group 5

Quantity **11 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 11

Description

Furnish and Install Wet Well Vent

Item **Y2114640B1--05-32 - Group 5: F&I 1 inch Water Service**

Lot Description Group 5

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 2

Description

Furnish and Install 1 inch Water Service

Item **Y2114640B1--05-33 - Group 5: F&I 1 inch Back Flow Prevention Device****Lot Description** Group 5**Quantity** **2 each****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**Furnish and Install 1 inch Back Flow Prevention Device

Item **Y2114640B1--05-34 - Group 5: F&I 2 inch Water Service****Lot Description** Group 5**Quantity** **5 each****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5**Description**Furnish and Install 2 inch Water Service

Item **Y2114640B1--05-35 - Group 5: F&I 2 inch Back Flow Prevention Device****Lot Description** Group 5**Quantity** **4 each****Unit Price** **Delivery Location** **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4**Description**Furnish and Install 2 inch Back Flow Prevention Device

Item **Y2114640B1--05-36 - Group 5: F&I 4 inch DIP Mechanical Joint Force Main****Lot Description** Group 5

Quantity **250 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 250**Description**

Furnish and Install 4 inch DIP Mechanical Joint Force Main

Item **Y2114640B1--05-37 - Group 5: F&I 6 inch DIP Mechanical Joint Force Main**

Lot Description Group 5

Quantity **350 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 350**Description**

Furnish and Install 6 inch DIP Mechanical Joint Force Main

Item **Y2114640B1--05-38 - Group 5: F&I 8 inch DIP Mechanical Joint Force Main**

Lot Description Group 5

Quantity **150 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 150**Description**

Furnish and Install 8 inch DIP Mechanical Joint Force Main

Item **Y2114640B1--05-39 - Group 5: F&I 10 inch DIP Mechanical Joint Force Main**

Lot Description Group 5

Quantity **50 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 50

Description

Furnish and Install 10 inch DIP Mechanical Joint Force Main

Item **Y2114640B1--05-40 - Group 5: F&I 12 inch DIP Mechanical Joint Force Main**

Lot Description Group 5

Quantity **50 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 50

Description

Furnish and Install 12 inch DIP Mechanical Joint Force Main

Item **Y2114640B1--05-41 - Group 5: F&I MJ DIP Force Main Fittings and Accessories**

Lot Description Group 5

Quantity **2750 pound**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2750

Description

Furnish and Install MJ DIP Force Main Fittings and Accessories

Item **Y2114640B1--05-42 - Group 5: F&I 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)**

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100

Description

Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)

Item **Y2114640B1--05-43 - Group 5: F&I 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)**

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100

Description

Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)

Item **Y2114640B1--05-44 - Group 5: F&I 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)**

Lot Description Group 5

Quantity **150 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 150

Description

Furnish and Install 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)

Item **Y2114640B1--05-45 - Group 5: F&I 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)**

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100

Description

Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)

Item **Y2114640B1--05-46** - Group 5: F&I 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - **14 feet deep**)

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100**Description**

Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)

Item **Y2114640B1--05-47** - Group 5: F&I 10 inch PVC Sanitary Sewer (C-900) (**14 feet - 18 feet deep**)

Lot Description Group 5

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 100**Description**

Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)

Item **Y2114640B1--05-48** - Group 5: F&I 10 inch PVC Sanitary Sewer (C-900) (**over 18 feet deep**)

Lot Description Group 5

Quantity **60 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 60**Description**

Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (over 18 feet deep)

Item **Y2114640B1--05-49** - Group 5: F&I Connection to Existing Force Main - **4 inch**

Lot Description Group 5

Quantity **6 each**

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 6**Description**

Furnish and Install Connection to Existing Force Main - 4 inch

Item

Y2114640B1--05-50 - Group 5: F&I Connection to Existing Force Main - 6 inch

Lot Description

Group 5

Quantity

5 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 5**Description**

Furnish and Install Connection to Existing Force Main - 6 inch

Item

Y2114640B1--05-51 - Group 5: F&I Connection to Existing Force Main - 8 inch

Lot Description

Group 5

Quantity

4 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4**Description**

Furnish and Install Connection to Existing Force Main - 8 inch

Item

Y2114640B1--05-52 - Group 5: F&I Connection to Existing Force Main - 10 inch

Lot Description

Group 5

Quantity

1 each

Unit Price

Delivery Location

Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty 1****Description**

Furnish and Install Connection to Existing Force Main - 10 inch

Item Y2114640B1--05-53 - Group 5: F&I Connection to Existing Force Main - 12 inch

Lot Description Group 5

Quantity **2 each**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Furnish and Install Connection to Existing Force Main - 12 inch

Item Y2114640B1--05-54 - Group 5: F&I Flanged DIP Fittings

Lot Description Group 5

Quantity **3250 pound**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3250**Description**

Furnish and Install Flanged DIP Fittings

Item Y2114640B1--05-55 - Group 5: Grout Abandon Lines

Lot Description Group 5

Quantity **200 cubic yard**Unit Price Delivery Location **Broward County Board of County Commissioners**EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 200**Description**

Grout Abandon Lines

Item **Y2114640B1--05-56** - Group 5: F&I Pressure Gauge Assembly
Lot Description Group 5
Quantity **11 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 11

Description

Furnish and Install Pressure Gauge Assembly

Item **Y2114640B1--06-01** - Group 6: Remove Existing Control Panel (duplex)
Lot Description Group 6
Quantity **5 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 5

Description

Remove Existing Control Panel (duplex)

Item **Y2114640B1--06-02** - Group 6: Remove Existing Control Panel (triplex)
Lot Description Group 6
Quantity **1 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 1

Description

Remove Existing Control Panel (triplex)

Item **Y2114640B1--06-03** - Group 6: Remove Existing Electric Meter
Lot Description Group 6
Quantity **6 each**
Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 6

Description

Remove Existing Electric Meter

Item **Y2114640B1--06-04 - Group 6: Relocate Existing Control Panel (up to 30 feet)**

Lot Description Group 6

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2

Description

Relocate Existing Control Panel (up to 30 feet)

Item **Y2114640B1--06-05 - Group 6: Relocate Existing Electric Meter (up to 30 feet)**

Lot Description Group 6

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2

Description

Relocate Existing Electric Meter (up to 30 feet)

Item **Y2114640B1--06-06 - Group 6: Install County Supplied Control Panel - up to 10 HP**

Lot Description Group 6

Quantity **7 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 7**Description**

Install County Supplied Control Panel - up to 10 HP

Item Y2114640B1--06-07 - Group 6: Install County Supplied Control Panel - over 10 HP to 20 HP**Lot Description** Group 6**Quantity** 4 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 4**Description**

Install County Supplied Control Panel - over 10 HP to 20 HP

Item Y2114640B1--06-08 - Group 6: Install County Supplied Control Panel - over 20 HP to 40 HP (duplex)**Lot Description** Group 6**Quantity** 3 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 3**Description**

Install County Supplied Control Panel - over 20 HP to 40 HP (duplex)

Item Y2114640B1--06-09 - Group 6: Install County Supplied Control Panel - over 20 HP to 40 HP (triplex)**Lot Description** Group 6**Quantity** 1 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 1**Description**

Install County Supplied Control Panel - over 20 HP to 40 HP (triplex)

Item **Y2114640B1--06-10 - Group 6: Install County Supplied Control Panel - 50 HP to 100 HP (duplex)**

Lot Description Group 6

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2

Description

Install County Supplied Control Panel - 50 HP to 100 HP (duplex)

Item **Y2114640B1--06-11 - Group 6: Install County Supplied Control Panel - 50 HP to 100 HP (triplex)**

Lot Description Group 6

Quantity **1 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 1

Description

Install County Supplied Control Panel - 50 HP to 100 HP (triplex)

Item **Y2114640B1--06-12 - Group 6: F&I 3/4 inch Bubbler System Piping, Fittings and Appurtenances**

Lot Description Group 6

Quantity **13 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 13

Description

Furnish and Install 3/4 inch Bubbler System Piping, Fittings and Appurtenances

Item **Y2114640B1--06-13 - Group 6: Remove and Properly Store Existing Pumps during Construction**

Lot Description Group 6

Quantity **20 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 20

Description

Remove and Properly Store Existing Pumps during Construction

Item **Y2114640B1--06-14 - Group 6: Install/Reinstall Pumps including Reconnection to Panel**

Lot Description Group 6

Quantity **24 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 24

Description

Install/Reinstall Pumps including Reconnection to Panel

Item **Y2114640B1--06-15 - Group 6: Disconnect and Remove Existing Floats from Wet Well**

Lot Description Group 6

Quantity **48 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 48

Description

Disconnect and Remove Existing Floats from Wet Well

Item **Y2114640B1--06-16 - Group 6: Reinstall and Reconnect County Supplied Floats in Wet Well**

Lot Description Group 6

Quantity **48 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 48

Description

Reinstall and Reconnect County Supplied Floats in Wet Well

Item **Y2114640B1--06-17 - Group 6: F&I Power Present Indicator Light (blue)**

Lot Description Group 6

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 8

Description

Furnish and Install Power Present Indicator Light (blue)

Item **Y2114640B1--06-18 - Group 6: Install County Supplied Connection/Isolation Panel (duplex)**

Lot Description Group 6

Quantity **7 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 7

Description

Install County Supplied Connection/Isolation Panel (duplex)

Item **Y2114640B1--06-19 - Group 6: Install County Supplied Connection/Isolation Panel (triplex)**

Lot Description Group 6

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 2**Description**

Install County Supplied Connection/Isolation Panel (triplex)

Item Y2114640B1--06-20 - Group 6: F&I 200 AMP Electrical Service to Lift Station**Lot Description** Group 6**Quantity** 400 linear foot**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 400**Description**

Furnish and Install 200 AMP Electrical Service to Lift Station

Item Y2114640B1--06-21 - Group 6: F&I 400 AMP Electrical Service to Lift Station**Lot Description** Group 6**Quantity** 400 linear foot**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 400**Description**

Furnish and Install 400 AMP Electrical Service to Lift Station

Item Y2114640B1--06-22 - Group 6: F&I 200A Emergency Connection/Transfer Panel**Lot Description** Group 6**Quantity** 6 each**Unit Price****Delivery Location** Broward County Board of County CommissionersEV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 6**Description**

Furnish and Install 200A Emergency Connection/Transfer Panel

Item **Y2114640B1--06-23 - Group 6: F&I 400A Emergency Connection/Transfer Panel**

Lot Description Group 6

Quantity **6 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 6

Description

Furnish and Install 400A Emergency Connection/Transfer Panel

Item **Y2114640B1--06-24 - Group 6: F&I Temporary Electrical Service**

Lot Description Group 6

Quantity **7 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 7

Description

Furnish and Install Temporary Electrical Service

Item **Y2114640B1--06-25 - Group 6: F&I Temporary Control Panel**

Lot Description Group 6

Quantity **7 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057

WWS WATER SUPPLY WAREHOUSE

ATT:ENVIRONMENTAL ENGR 1 FL

2555 W COPANS ROAD

POMPANO BEACH FL 33069

Qty 7

Description

Furnish and Install Temporary Control Panel

Item **Y2114640B1--06-26 - Group 6: F&I 3 inch Aluminum Conduit**

Lot Description Group 6

Quantity **250 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

EV0057WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty** 250**Description**

Furnish and Install 3 inch Aluminum Conduit

Item **Y2114640B1--06-27 - Group 6: F&I 2 inch Aluminum Conduit****Lot Description** Group 6**Quantity** **250 linear foot****Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty** 250**Description**

Furnish and Install 2 inch Aluminum Conduit

Item **Y2114640B1--06-28 - Group 6: F&I 1-1/2 inch Aluminum Conduit****Lot Description** Group 6**Quantity** **250 linear foot****Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty** 250**Description**

Furnish and Install 1-1/2 inch Aluminum Conduit

Item **Y2114640B1--06-29 - Group 6: F&I 1 inch Aluminum Conduit****Lot Description** Group 6**Quantity** **250 linear foot****Unit Price****Delivery Location** **Broward County Board of County Commissioners**EV0057WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069**Qty** 250

Description

Furnish and Install 1 inch Aluminum Conduit

Item	Y2114640B1--06-30 - Group 6: F&I 3/4 inch Aluminum Conduit
Lot Description	Group 6
Quantity	150 linear foot
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 150

Description

Furnish and Install 3/4 inch Aluminum Conduit

Item	Y2114640B1--06-31 - Group 6: F&I 2 inch PVC Conduit
Lot Description	Group 6
Quantity	150 linear foot
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 150

Description

Furnish and Install 2 inch PVC Conduit

Item	Y2114640B1--06-32 - Group 6: F&I 1 inch PVC Conduit
Lot Description	Group 6
Quantity	150 linear foot
Unit Price	
Delivery Location	Broward County Board of County Commissioners <u>EV0057</u> WWS WATER SUPPLY WAREHOUSE ATT:ENVIRONMENTAL ENGR 1 FL 2555 W COPANS ROAD POMPANO BEACH FL 33069 Qty 150

Description

Furnish and Install 1 inch PVC Conduit

Item	Y2114640B1--06-33 - Group 6: F&I 3/4 inch PVC Conduit
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Lot Description Group 6
Quantity **100 linear foot**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 100

Description

Furnish and Install 3/4 inch PVC Conduit

Item **Y2114640B1--06-34 - Group 6: Remove existing Antenna and Support**
Lot Description Group 6
Quantity **14 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 14

Description

Remove existing Antenna and Support

Item **Y2114640B1--06-35 - Group 6: F&I 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)**
Lot Description Group 6
Quantity **12 each**
Unit Price
Delivery Location **Broward County Board of County Commissioners**
EV0057
WWS WATER SUPPLY WAREHOUSE
ATT:ENVIRONMENTAL ENGR 1 FL
2555 W COPANS ROAD
POMPANO BEACH FL 33069
Qty 12

Description

Furnish and Install 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)

SPECIAL INSTRUCTIONS TO VENDORS (IN ADDITION TO GENERAL CONDITIONS)

SEWER LIFT STATION, REHABILITATION AND REPAIR

A. Scope:

Vendors are invited to respond for an open-end contract to furnish all labor, materials, equipment and services required for Sewer Lift Station, Rehabilitation and Repair per **Specifications and Requirements** for Water and Wastewater Service and various other Broward County agencies that may have need of these services and products.

The work to be done consists of all activities associated with the repair or rehabilitation of sewer lift stations including, but not limited to, by-pass pumping, wet well repair and restoration, replacement of top slabs, hatches, pumps, pipes, valves, control panels, electrical services, connection panels, underground vaults, excavating and backfilling, disposing of surplus material and restoration.

The initial contract period shall start on date of award and shall terminate one-year from that date. The Director of Purchasing may renew this contract for two one-year periods subject to vendor acceptance, satisfactory performance and determination that renewal will be in the best interest of the County. Notification of Intent to Renew will be sent in advance of expiration date of this contract. The Vendor will complete delivery and the County will receive delivery on any orders mailed to the Vendor prior to the date of expiration.

All prices, terms and conditions shall remain fixed for the initial period of the contract. In addition, all prices, terms and conditions shall remain fixed for the renewal period of the contract. There will be no allowable price escalations for fuel costs throughout any contract period(s), unless otherwise specified in this document.

No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open end contract. Estimated quantities will be used for bid comparison purposes only. The Board of County Commissioners reserves the right to: issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of direct purchase orders by various County agencies, make random, open market purchases for any or all of the item(s) on any open end contract or, any combination of the preceding. No delivery shall become due or be acceptable without a written order by the County, unless otherwise provided for in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.

B. Specifications and Requirements:

Specifications and Requirements, are included hereto and made a part hereof. Whenever the Technical Specifications address a third party (i.e. manufacturer, applicator, subcontractor, etc.) it is to be construed as the Vendor through the third party.

The product offered by the Vendor must on an overall basis be equal or greater in quality or performance than the Specifications and Requirements. Broward County reserves the right to be the sole judge of what is equal and acceptable. Submittals which do not comply with Specifications and Requirements are subject to rejection.

C. Office of Economic and Small Business Requirements:

This solicitation has the following County Business Enterprise Goals: 25% CBE Goals. Vendors must follow the instructions included in the **Office of Economic and Small Business Development Requirements** and submit all required forms and information as instructed.

D. Federal Transit Administration Requirements: Not applicable to this solicitation.

E. Vendor Responsibilities:

The Vendor will be responsible for the provision, installation (if applicable, per Specifications and Requirements) and performance of all equipment, materials, services, etc. offered in his or her submittal. The Vendor is in no way relieved of the responsibility for the performance of all equipment furnished, or of assuring the timely delivery of materials, equipment, etc. even though it is not of his or her own manufacture.

Vendor shall perform the Work with its own organization, amounting to not less than 60 percent of the Contract Price.

F. Licensing Requirements:

Proof of licensing should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

In order to be considered a responsible and responsive Vendor for the scope of work set forth in this solicitation, the Vendor shall possess one of the following licenses (including any specified State registration, if applicable) at the time of solicitation submittal. Any certificate of competency that meets or exceeds those specified or can legally perform the scope of work specified, as determined by the County, will be considered responsible and responsive to the solicitation.

State: CERTIFIED GENERAL CONTRACTOR;
OR
CERTIFIED PLUMBING CONTRACTOR;
OR
CERTIFIED UNDERGROUND UTILITIES CONTRACTOR;
OR
County: CERTIFIED BUILDING CONTRACTOR CLASS "A",
(Must be registered with the State)
OR
GENERAL MASTER PLUMBER;
(Must be registered with the State)
OR
GENERAL ENGINEERED CONSTRUCTION BUILDER;
OR
PRIMARY PIPELINES (WATER, SEWER, DRAINAGE) CLASS "A";
OR
PLANT CONSTRUCTION – CLASS "C"

Any work performed not within the scope of the above contract must be performed by a licensed subcontractor.

G. Public Bid Disclosure Act:

In compliance with the Public Bid Disclosure Act, Section 218.80, Florida Statutes, each permit, license and/or fee which the Contractor will have to pay the County by virtue of this work/project (before or during construction) is set forth below and includes the dollar amount or the percentage method or unit method to be paid of all permits, licenses and/or fees which includes but is not limited to all licensing fees, permit fees, impact fees, inspection fees and certificates of occupancy (CO).

The using agency will be responsible for paying for any and all permits, licenses, and fees, imposed on the Work by agencies of the Broward County Commission. This does not alleviate the Vendor from obtaining the permits.

Licenses, permits and fees which may be required by The State of Florida, State Agencies or by other local governmental entities are not included in the above list.

H. Permits and Fees: (for Agencies other than Broward County Commissioners)

The Vendor shall procure and pay for all permits and licenses, charges and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. The cost of all permits, fees, etc., shall be included in price bid except where noted in the specifications and requirements.

I. Prevailing Wage Rates:

Section 26-5 of the Broward County Code of Ordinances, provides that in all non-federally funded construction procurement activity of \$250,000 or more, the rate of wages and fringe benefit payments for all laborers, mechanics, and apprentices shall not be less than those payments for similar skills in classifications of work in like industries as determined by the Secretary of Labor and as published in the Federal Register (latest revision). The applicable Prevailing Wage Rate Tables are included in **Specifications and Requirements**.

J. Liquidated Damages:

1. The work to be performed under this Contract shall be commenced upon issuance of Purchase Order or Notice to Proceed, which will not be issued until receipt of all required documents.
2. The work shall be completed and ready for final payment as mutually agreed by County and the Contractor from the date indicated on the Purchase Order or Notice to Proceed.
3. Upon failure of the Vendor to complete a project awarded pursuant to this contract within the specified period of time (plus approved extensions, if any) the Vendor shall pay to County the sum of One Thousand Four Hundred Fifty Dollars (\$1,450) for each calendar day (plus approved extensions) after the time specified for completion and readiness for final payment.
4. This amount is not a penalty but liquidated damages to the County. Liquidated damages are hereby fixed and agreed upon between the parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the County as a consequence of such delay. Vendor acknowledges and agrees that damages to County from untimely completion are extremely difficult to determine, and accordingly the Vendor agrees that the amount of liquidated damages provided for herein is the nearest and most exact measure of damages for such delays.

5. The County is authorized to deduct liquidated damage amounts from the monies due to Vendor for the work under this contract, or as much thereof as the County may, at its own option, deem just and reasonable.

K. Payment:

1. The solicitation includes an allowance amount for permits, parts on a pass thru, or other identified types of allowances, the following shall apply to payment of allowances:
 - a. The allowance amount and scope of allowance is identified in the solicitation's Specifications and Requirements.
 - b. The allowance amount is an estimate only; payment is not guaranteed and is only paid based on actual costs incurred by the Vendor for the identified allowance.
 - c. The Contract Administrator or designee must authorize use of any allowances (per Specifications and Requirements) prior to Vendor incurring costs related to an allowance amount.
 - d. No markup or additional fees are allowed on payment of allowance items. This includes, but is not limited to, overhead, profit, "runner's fees", etc.
 - e. Allowances for Permit Fees: payment for permit fees does not include licenses, permit expediting services, re-inspection fees, and expired permit fees. Proof of permit fee(s) shall be submitted with Vendor's invoice for payment.
 - f. Allowance for Parts on a Pass Thru: Vendor must charge the County the same invoice prices as it is charged by its suppliers. A copy of the Vendor's invoice(s) from supplier(s) for approved parts and materials shall be submitted with the Vendor's invoice for payment. In cases where the Vendor manufactures its own parts, Vendor will charge the County a price no higher than it charges its most favored customer.
2. Allowances for this solicitation include the following:
 - a. Permit Fees for non-Broward County Agencies: \$10,000
 - b. Parts and Materials - \$50,000
 - c. Florida Power and Light Fees - \$25,000

Refer to Specifications and Requirements for additional information.

SPECIFICATIONS AND REQUIREMENTS
SEWER LIFT STATION, REHABILITATION AND REPAIR

GENERAL:

1. PURPOSE

The purpose of this contract is to assist Water and Wastewater Services (WWS) and other COUNTY agencies in the repair and rehabilitation of sewer lift stations and appurtenances. The work to be done consists of all activities associated with the repair or rehabilitation of a sewer lift station including, but not limited to, by-pass pumping, wet well repair and restoration, replacement of top slabs, hatches, pumps, pipes, valves, control panels, electrical services, connection panels, underground vaults, excavating and backfilling, disposing of surplus material and restoration, as directed.

2. DEFINITIONS

- 2.1. The successful bidder, awarded this contract, is herein referred to as the "CONTRACTOR." It is understood that Water and Wastewater Services or other appropriate COUNTY division will represent the Board of COUNTY Commissioners in the management and supervision of this Contract for their projects.
- 2.2. The Water and Wastewater Engineering Division (WWED) Director will serve as "CONTRACT ADMINISTRATOR" for this Contract.
- 2.3. For the purpose of this Contract, work on a "project" is work in connection with an individual COUNTY project involving certain improvements to be done during a designated period of time, at a given and fixed location.
- 2.4. The word "project" is to be construed to mean the CONTRACTOR's portion of work, covered under this Contract, on any given project. COUNTY projects are given identifying numbers known as PROJECT numbers. The CONTRACTOR will have more than one project on this Contract and each separate project will be assigned a separate purchase order number.
- 2.5. Prior to the initiation of work under this Contract, the CONTRACTOR shall secure approval from the CONTRACT ADMINISTRATOR or other person acting in their behalf. The CONTRACT ADMINISTRATOR (Division Director or assigned designee) shall explain in detail, the nature and extent of the project/projects. Each Division using the Contract will be responsible for tracking and monitoring the project(s) assigned by them to the CONTRACTOR. The following will be required prior to commencement of construction:
 - 2.5.1. Notification by using Division to the CONTRACT ADMINISTRATOR of intent to use the Contract.
 - 2.5.2. A detailed project outline and/or plans provided by the using Division to the CONTRACTOR.
 - 2.5.3. A site visit with using Division personnel and the CONTRACTOR to define the scope of the project.
 - 2.5.4. A copy of the written estimate and schedule for construction submitted by the CONTRACTOR to the using Division and the CONTRACT ADMINISTRATOR.
 - 2.5.5. Issuance of a Notice-to-Proceed (NTP) by the using Division specifying the not-to-exceed price and number of days for construction.

3. QUALITY OF WORK

The CONTRACTOR agrees to do work covered under this Contract, conforming to specifications contained or referred to in this Contract and shall pursue the project in a professional manner. The CONTRACTOR further agrees to follow appropriate work drawings or sketches given him/her and to follow instructions, either verbally or written, issued by the CONTRACT ADMINISTRATOR (Division Director or assigned designee), insofar as said instructions come within the scope and limitations of this Contract. The CONTRACTOR further agrees to comply with the appropriate specifications and regulations. The CONTRACTOR further agrees to use construction equipment which is safe and maintained in good workable condition and to furnish proper direction and supervision to workers doing work under this Contract.

4. RESTRICTION OF TRAFFIC AND PROTECTION OF JOB-SITE

The CONTRACTOR shall furnish all safety barricades, warning and directional signs, warning lights and any other safety devices as may be necessary and appropriate to offer safe operational practices, and adequately protect the public. The CONTRACTOR agrees not to restrict traffic on any rights-of-way anymore than is necessary to properly perform the work and to not restrict traffic on more than one half of any roadway without prior specific approval of the CONTRACT ADMINISTRATOR. When restricting traffic in any manner, the CONTRACTOR shall furnish and place all traffic control and safety devices necessary such as warning signs, barricades, detour signs, arrow boards, warning lights and any other safety devices as may be safe, necessary and appropriate. When restricting any lane of traffic, the CONTRACTOR shall provide for safe direction of traffic where the volume of restricted traffic is sufficient to warrant such action or where an unsafe condition would otherwise be created. The cost of all safety barricades, warning and directional signs, arrow boards, warning lights and any other safety devices as may be necessary are to be included in Unit Prices, no separate payment will be made for these devices.

5. WORK, EQUIPMENT AND MATERIALS TO BE FURNISHED BY THE CONTRACTOR AND COUNTY

- 5.1 The CONTRACTOR shall furnish all materials, equipment, labor and labor supervision for any work covered under this Contract.
- 5.2 The CONTRACTOR shall furnish all construction equipment, including all necessary tools, for any work covered under this Contract. The CONTRACTOR shall also furnish all necessary temporary materials such as forming, bracing, sheathing, guying, scaffolding and other materials necessary to complete the work which do not remain a permanent part of the improvement.

6. TECHNICAL SPECIFICATIONS & REQUIREMENTS

- 6.1 In general, the CONTRACTOR will furnish standard materials from the Broward County Water and Wastewater Services (BCWWS) approved Materials List. The COUNTY reserves the right to provide materials identified herein, or as deemed by COUNTY to be in their best interest.
- 6.2 Standard materials are as follows:
 - 6.2.1 All pipe,
 - 6.2.2 All fittings such as bends, tees, plugs, caps, reducers, offsets, etc.,
 - 6.2.3 All valves and valve boxes,

6.2.4 All joint material including gaskets, glands, bolts and lubricant,

6.2.5 All water to be used for flushing mains, sterilizing, and pressure testing.

6.3 The CONTRACTOR shall be responsible for cleaning up the job-site within 48 hours after completion of the work on any project. Excess material of no value to the COUNTY shall be disposed of in an appropriate and legal manner.

7. **FIELD LAYOUT OF THE WORK AND AS-BUILT DRAWINGS**

The entire responsibility for establishing and maintaining line and grade in the field lies with the CONTRACTOR. The CONTRACTOR shall maintain As-Built, in accordance with Broward County Water and Wastewater Services (BCWWS) Minimum Standards, including the location and elevation of all pipelines, conduits, structures, maintenance access structures, hand holes, fittings etc. and shall deliver these As-Built, in good order, to the CONTRACT ADMINISTRATOR as the work is completed. The cost of all such field layout and recording work shall be included in the price bid for the appropriate items. As-Built drawings shall be signed and sealed by a registered surveyor licensed in the State of Florida.

8. **MEASUREMENT AND PAYMENT**

Item numbers below represent item numbers in the Item Response Form. Trench Safety price is to be included in all items subject to Trench Safety.

It is the intent of this contract to have a complete and operating system. Any items not specifically identified herein, but required to have a complete and operating system shall be included in the appropriate listed item.

8.1 **SECTION 1 - GENERAL CONDITIONS**

8.1.1 **ITEMS 1.01 THRU 1.06 - MOBILIZATION**

Measurement for payment for mobilization will be per work order approved. Maintenance of Traffic (M.O.T.) will be included in this item.

Mobilization for Routine Work Orders will require the Contractor to be on site and working within 10 working days after issuance of a NTP.

Mobilization for Urgent Work Orders will require the Contractor to be on site and working within 48 hours after issuance of a NTP.

Pay will be based upon the lump sum price bid, all in accordance with the requirements of the Contract Documents.

8.1.2 **ITEM 1.07 - PROVIDE FOREPERSON**

Measurement for payment for furnishing a foreperson for miscellaneous work assignments, where approved by the ENGINEER, shall be based on the actual number of hours performing the assigned task. Where work is being performed under other items described herein, the cost of the foreperson shall be included in those items.

Payment for providing a foreperson shall be based on the price named in the Item Response Form, which shall constitute complete compensation, including burden on direct salary, transportation, hand tools, etc., typically associated with a foreperson's responsibilities. Payment will be made for actual time on the jobsite.

8.1.3 ITEM 1.08 - PROVIDE LABORER/CREWPERSON

Measurement for payment for furnishing a laborer/crewperson qualified to perform the type of work typically associated with pipeline and/or pump station construction shall be based on the actual number of hours performing the assigned task, as approved by the ENGINEER. Where work is being performed under items described herein, the cost of the laborer/crewperson shall be included in those items.

Payment for providing a laborer/crewperson shall be based on the price named in the Item Response Form, which shall constitute complete compensation, including burden on direct labor, transportation and hand tools typically associated with a laborer/crewperson responsibilities. Payment will be made for actual time on the jobsite.

8.1.4 ITEM 1.09 - FURNISH COMBINATION CLEANER TRUCK

Measurement for payment for furnishing a 12 yard, minimum, sewer cleaning truck and two person crew, including operator, shall be based on the actual time in operation on the job site plus 2 hours for mobilization/demobilization.

Payment for furnishing a combination cleaning truck and crew shall be based on the price named in the Item Response Form, which shall constitute full compensation, including, but not limited to, transportation, fuel, dump fees, equipment, labor, etc., to provide the services required.

8.1.5 ITEM 1.10 - PROVIDE BACKHOE

Measurement for providing a backhoe, equal to a Case 445T/MZ, and operator shall be based on the number of days of use, as approved by the ENGINEER.

Payment for providing a backhoe and operator shall be based on the unit price named in the Item Response Form, which shall constitute full compensation including, but not limited to, delivery/pick-up, fuel, labor, etc., for the equipment.

8.1.6 ITEM 1.11 - PROJECT PLANNING COST

This item is provided to compensate the CONTRACTOR for time spent planning and estimating a project when the project planned does not result in a purchase order being issued and shall be considered full compensation for CONTRACTOR's time and resources.

Payment for project planning shall be at the price stipulated in the Item Response Form.

In the event a project that has been paid for under this item is subsequently executed, the amount will be deducted from the total amount of that purchase order.

8.2 SECTION 2 – DEMOLITION, REMOVAL AND DISPOSAL

8.2.1 ITEMS 2.01 THRU 2.12 - DEMOLITION, REMOVAL, DISPOSAL

Measurement for payment for demolition, removal, and disposal of existing structures and materials will be based on the quantity of the item actually demolished, removed and properly disposed as measured in the field. This bid item does not include hazardous materials requiring special handling.

Payment for demolition, removal, and proper disposal of existing structures and materials will be at the unit price named in the Item Response Form which shall constitute full compensation for the work including, but not limited to, all of the labor, supplies, materials, small tools, and equipment required to complete demolition, removal, and disposal of unsuitable materials.

8.2.2 ITEM 2.13 - PLUG AND PREPARE ABANDONED PIPE FOR GROUT FILLING

Measurement for payment to plug and prepare abandoned pipe for grout filling shall be based on the number of abandoned pipes ends ($\leq$ 12 inches diameter) plugged and prepared for grout filling in accordance with the purchase order.

Payment to plug and prepare abandoned pipe for grout filling shall be made at the unit price named in the Item Response Form for each pipe plugged and prepared for grout filling which shall constitute full compensation for the work including, but not limited to, the excavation, flushing, supplies, materials, fittings, plugs, backfilling and restoration. This item does not include the actual filling of the line with grout which is paid for under another line item.

8.2.3 ITEM 2.14 - GROUT FILL ABANDONED PIPE

Measurement for payment to grout fill abandoned pipe shall be based on the number of cubic yards of grout actually used to fill the abandoned pipe.

Payment to grout fill abandoned pipe shall be made at the unit price named in the Item Response Form which shall constitute full compensation for the work including, but not limited to, equipment, materials, supplies, and labor. This item does not include plugging and preparing the line to be grout filled which is paid for under another line item.

8.2.4 ITEM 2.15 – DEMOLISH WET WELL (6-foot OR 8-foot DIAMETER)

Measurement for payment to demolish a wet well shall be based on the number of vertical feet of wet well removed. For a pre-cast structure, the top section, at a minimum, shall be separated and removed. This price shall include pressure cleaning the structure, removing all solids and liquid, properly disposing of all materials and, if a portion of the structure remains, coring a drain in the bottom in accordance with state requirements.

Payment for demolishing a wet well will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation, including all necessary materials, labor, equipment etc.

8.2.5 ITEM 2.16 - FILL IN ABANDONED WET WELL OR VALVE VAULT

Measurement for payment to fill in abandoned wet wells or valve vaults will be based upon the actual number of cubic yards of compacted clean fill required, as measured in place. This price shall include pressure cleaning and vacuuming the structure and coring a drain hole in the bottom in accordance with state requirements.

Payment for filling will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation including all materials, labor, equipment, etc., necessary for the complete operation.

8.2.6 ITEM 2.17 - REMOVE FILLET FROM BOTTOM OF WET WELL

Measurement for payment to remove fillets from the bottom of wet wells will be based on the number of cubic feet of material removed, as measured in place prior to removal.

Payment for removing fillets from the bottom of wet wells will be made at the unit price named in the Item Response Form which shall constitute full compensation for the work including, but not limited to, all labor, supplies, materials, equipment required to complete demolition, removal and disposal.

8.3 SECTION 3 – SITE WORK

8.3.1 ITEM 3.01 THRU 3.04 - FURNISH AND INSTALL TEMPORARY BY-PASS PUMPS AND PIPING

Measurement and payment to furnish and install a temporary by-pass pumping system will be based upon the actual system installed for a specified flow range.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the by-pass system, including all necessary pumps, piping, hoses, fittings, controls, telemetry, noise abatement, labor, appurtenances, etc., required to make a functional and reliable temporary bypass system, subject to approval by the ENGINEER.

8.3.2 ITEM 3.05 THRU 3.08 - OPERATE AND MAINTAIN TEMPORARY BY-PASS SYSTEM

Measurement for payment to operate and maintain a temporary by-pass pumping system will be based on the system installed for a given flowrate.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the work including labor, trucks, fuel/energy costs, monitoring, servicing, equipment etc., as required to keep the temporary bypass system operating properly and effectively, as approved by the ENGINEER.

8.3.3 ITEM 3.09 - EXPLORATORY EXCAVATION

Measurement for payment for exploratory excavation will be based upon the actual number of excavations made, to 5 foot maximum depth. This item shall be used only when authorized by the ENGINEER in writing.

Payment for exploratory excavation will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation including all materials, supplies, labor, equipment, etc., necessary for the complete operation.

8.3.4 ITEM 3.10 – NON-EXPLORATORY EXCAVATION

Measurement for payment for non-exploratory excavation will be based upon the actual number of excavations made, to 5 foot maximum depth. Non-exploratory excavations will be used for, but not limited to, exposing known buried facilities, removing unsuitable fill etc. This item shall be used only when authorized by the ENGINEER in writing.

Payment for non-exploratory excavation will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation including all materials, supplies, labor, equipment, etc., necessary for the complete operation.

8.3.4 ITEMS 3.11 THRU 3.13 – FURNISH AND INSTALL TEMPORARY LINE STOP

Measurement for payment for furnishing and installing temporary line stops shall be based on the number of line stops installed, as approved by the ENGINEER.

Payment for furnishing and installing temporary line stops shall be based on the unit price named in the Item Response Form, which shall constitute full compensation for the complete operation, including all necessary pipe, fittings, equipment, personnel and appurtenances required to make a reliable line stop.

8.3.5 ITEMS 3.14 THRU 3.15 - LIMEROCK BASE COURSE

Measurement for payment for limerock base course shall be based on the measured in place number of cubic yards of limerock base course installed and compacted in accordance with the work authorization. This item shall include preparation of the sub-base.

Payment for limerock base course shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, sub-base preparation, all materials, supplies, equipment, labor, transportation, and installation, as required for a complete installation.

8.3.6 ITEM 3.16 - SAW CUT ASPHALT PAVING

Measurement for payment of asphalt pavement saw cutting shall be based on linear footage of asphalt cut, as measured in the field.

Payment for asphalt saw cutting shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, equipment and labor required for completion of the work.

8.3.7 ITEM 3.17 thru 3.18 - ASPHALT CONCRETE PAVEMENT

Measurement for payment for asphalt concrete pavement shall be based on the measured in place number of square yards of pavement. The material shall be Type III, asphalt concrete pavement installed in accordance with the work authorization.

Payment for asphalt concrete pavement shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, transportation, installation, etc., required for a complete installation.

8.3.8 ITEM 3.19 - FURNISH AND INSTALL WASHED ROCK OVER WEED BARRIER

Measurement for payment to furnish and install $\frac{3}{4}$ -inch washed rock over weed barrier shall be based on the number of square yards of washed rock installed in the field in accordance with the purchase order to a finished depth of 8 inches.

Payment for washed rock over weed barrier shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, transportation, etc., required for a complete installation.

8.3.7 ITEMS 3.20 thru 3.22 - FURNISH AND INSTALL SEED AND MULCH OR SOD

Measurement for payment for furnishing and installing seed and mulch or sod shall be based on the number of square yards of seed and mulch or sod in place in accordance with the purchase order.

Payment for furnishing and installing seed and mulch or sod will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all ground preparation, materials, supplies, equipment, labor, maintenance, watering for 60 days etc., required for the completed work.

8.3.8 ITEM 3.23 - FURNISH AND INSTALL PIPE BOLLARDS

Measurement for payment for furnishing and installing 6-inch diameter by 6-foot long galvanized, SCH 40 steel bollards shall be based on the number of pipe bollards installed in accordance with the purchase order.

Payment for furnishing and installing pipe bollards will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, painting with safety yellow epoxy paint, etc., required for the completed work.

8.3.9 ITEM 3.24 - RELOCATE EXISTING CHAIN LINK FENCE

Measurement for payment for relocating existing chain link fence, with or without barbed or razor wire, shall be based on the number of linear feet of 6-foot high chain link fence taken down, properly stored and reinstalled, as directed by the ENGINEER.

Payment for relocating existing chain link fence shall be based on the unit price named in the Item Response Form which shall constitute full compensation for taking down the fence, removing and disposing of the existing posts and concrete anchors, installing new posts, reinstalling the fence and all materials tools, equipment and labor necessary for a complete project.

8.3.10 ITEM 3.25 - FURNISH AND INSTALL NEW CHAIN LINK FENCE

Measurement for payment for furnishing and installing new chain link fence shall be based on the number of linear feet of 6 foot high chain link fence, with or without barbed wire, installed in accordance with the purchase order.

Payment for furnishing and installing new chain link fence will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, etc., required for the completed work.

8.3.11 ITEM 3.26 - FURNISH AND INSTALL 12-foot CHAIN LINK SWING GATE

Measurement for payment for furnishing and installing 12-foot chain link gate (2 – 6 foot sections) shall be based on the number of 12-foot chain link gates, with or without barbed wire installed in accordance with the purchase order.

Payment for furnishing and installing chain link gate will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, etc., required for the completed work.

8.3.12 ITEMS 3.27 THRU 3.28 - FURNISH AND INSTALL CHAIN LINK ROLLER GATE

Measurement for payment for furnishing and installing a chain link roller gate (10 or 12 foot) shall be based on the number of chain link gates, with or without barbed wire installed in accordance with the purchase order.

Payment for furnishing and installing a chain link roller gate will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, etc., required for the completed work.

8.3.13 ITEM 3.29 – PRODUCE AND SUBMIT AS-BUILT DRAWINGS

Measurement for payment to produce and submit a site survey and as-built drawings for each lift station site shall be based on the number of lift station sites completed as assigned by the ENGINEER.

As-built drawings will conform to WWS standards and will be provided to the ENGINEER in AutoCAD 2015 (or a newer version) format along with two 24 x 36 inch copies of the site information. Data will include, but is not limited to State Plane Coordinates for easement boundaries, property lines, topography, wet well invert, influent pipe(s) invert and top slab, hatch, T.O.P. and MAS. In addition, State Plane Coordinates for the pipe fittings and valves will be provided. Payment for obtaining and providing all documentation will be made at the unit price named in the Item Response Form which shall constitute full compensation for the work including, but not limited to, all labor, supplies, materials, equipment required to complete a site survey and as-built drawing.

SECTION 4 - NEW AND REHABILITATED CONCRETE WORK

8.4.1 ITEMS 4.01 and 4.02 - SAW CUT CONCRETE

Measurement for payment to saw cut concrete shall be based on the number of linear feet cut.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the work, including but not limited to equipment, materials and labor as well as removal and proper disposal of concrete.

8.4.2 ITEMS 4.03 AND 4.05 - CORE HOLE IN CONCRETE

Measurement for payment for core hole in concrete shall be based on the number of cores cut in concrete, in accordance with the purchase order.

Payment for coring concrete will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, water, plug disposal, etc., required for the completed work.

8.4.3 ITEMS 4.06 THRU 4.09 - FURNISH AND INSTALL PRECAST WET WELL STRUCTURE

Measurement for payment to furnish and install precast wet well structure shall be based on the number of vertical feet (outside dimension) of precast wet well structures installed, not to exceed 24 feet, as measured from the top of the base to the bottom of the top slab in

accordance with the purchase order.

Payment to furnish and install precast wet well structure shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation, shoring, dewatering, materials, supplies, equipment, labor, transportation, restoration, etc., required for a complete installation.

8.4.4 ITEMS 4.10 THRU 4.13 - FURNISH AND INSTALL WET WELL PRECAST TOP SLAB WITH HATCH

Measurement for payment to furnish and install a new precast top slab with hatch shall be based on the number of precast top slabs with hatches (AASHTO H20-44, unless specified otherwise by ENGINEER) installed in accordance with the purchase order.

Payment to furnish and install precast top slab with hatch shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, supplies, equipment, labor, transportation, installation, etc., required for a complete installation.

8.4.5 ITEM 4.14 THRU 4.17 – FURNISH AND INSTALL RETROFIT HATCH IN EXISTING SLAB

Measurement for payment to furnish and install a retrofitted hatch shall be based on the number of hatches installed, including resizing the existing opening, installation hardware, sealants and appurtenances.

Hatches shall be U.S. Foundry TPD (300 PSF) or equal, unless specified otherwise by the ENGINEER.

Payment for furnishing and installing a retrofitted hatch shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, equipment, labor, transportation and installation etc., required for a complete installation.

8.4.6 ITEM 4.18 FURNISH AND INSTALL WET WELL FILLET

Measurement for payment to furnish and install a new brick and concrete fillet in a wet well shall be based on the measured cubic feet of materials installed, in place.

Payment for furnishing and installing wet well fillets shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, equipment, labor, transportation, installation, etc., required for a complete installation.

8.4.7 ITEMS 4.19 THRU 4.23 – FURNISH AND INSTALL PRECAST METER VAULT

Measurement for payment to furnish and install a new precast meter vault shall be based on the number of meter vaults installed, including top slab, aluminum hatch (AASHTO H20-44, unless specified otherwise by ENGINEER) and appurtenances. Hatches for 5-foot x 5-foot and 6-foot x 6-foot vault shall match inside dimensions of vault. Other meter vault hatch sizes shall be specified by ENGINEER.

Payment for furnishing and installing a meter vault shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all materials, equipment, labor, transportation, installation, etc., required for a complete installation.

8.4.8 ITEM 4.24 – WET WELL AND MAINTENANCE ACCESS STRUCTURE INTERIOR SURFACE PREPARATION

Measurement for payment for preparing the interior surface of concrete wet wells and maintenance access structures shall be based on the number of square feet prepared.

Payment for surface preparation shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment, labor and removal and disposal of all debris.

8.4.9 ITEM 4.25 – FURNISH AND INSTALL WET WELL AND MAINTENANCE ACCESS STRUCTURE CEMENTITIOUS COATING – BRICK STRUCTURES

Measurement for payment for furnishing and installing a cementitious coating on brick wet well interiors and maintenance access structures shall be based on the number of square feet of material applied to brick structures at a 1-inch minimum thickness. Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment and labor necessary to provide a completed project.

8.4.10 ITEM 4.26 – FURNISH AND INSTALL WET WELL AND MAINTENANCE ACCESS STRUCTURE CEMENTITIOUS COATING– PRECAST STRUCTURES

Measurement for payment furnishing and installing a cementitious coating on precast wet wells and maintenance access structure shall be based on the number of square feet of material applied to precast structures at a ½ inch minimum thickness.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment and labor necessary to provide a completed project.

8.4.11 ITEM 4.27 - FURNISH AND INSTALL BITUMASTIC COATING

Measurement for payment for furnishing and installing a bitumastic coating on wet wells, maintenance access structures and meter vaults shall be based on the number of square feet of material applied.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment and labor necessary to provide a completed project.

8.4.12 ITEMS 4.28 THRU 4.29 - FURNISH AND INSTALL LEVEL II OR LEVEL III COATING

Measurement for payment for furnishing and installing a Level II or Level III coating on wet wells and maintenance access structures shall be based on the number of square feet of material applied.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment and labor necessary to provide a completed project.

8.4.13 ITEMS 4.30 - FURNISH AND INSTALL INJECTED CHEMICAL GROUT IN CONCRETE STRUCTURES

Measurement for payment to furnish and install chemical grout in concrete structures shall be based on the number of gallons of grout injected.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, supplies, equipment and labor necessary to provide a completed project.

8.4.13 ITEMS 4.31 - FURNISH AND INSTALL METER/VALVE VAULT LADDER

Measurement for payment to furnish and install a vault ladder shall be based on the number of ladders installed.

Payment shall be based on the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials,

supplies, equipment and labor necessary to provide a completed project.

8.4.13 ITEMS 4.32 THRU 4.35 - FURNISH AND INSTALL PRECAST MAINTENANCE ACCESS STRUCTURE

Measurement for payment to furnish and install precast maintenance access structure shall be based on the number of precast maintenance access structures installed in accordance with the purchase order. Depth measurement shall be from the rim elevation to the finished invert elevation.

Payment to furnish and install precast maintenance access structure's shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation, shoring, dewatering, backfilling restoration, materials, supplies, equipment, labor, transportation, etc., required for a complete installation.

8.4.14 ITEM 4.36 - FURNISH AND INSTALL REINFORCED CONCRETE SLAB ON GRADE

Measurement for payment for furnishing and installing reinforced concrete slab on grade shall be based on the number of cubic yards of concrete slab on grade installed in the field in accordance with the purchase order. This item covers all poured in place reinforced concrete slabs on grade up to 12-inches in thickness, with reinforcing not exceeding 120 pounds of steel per cubic yard of concrete.

Payment for furnishing and installing a reinforced concrete slab on grade shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work, including but not limited to, all forms, materials, supplies, equipment, labor, transportation, etc., required for a complete installation.

8.4.15 ITEM 4.37 - FURNISH AND INSTALL REINFORCED, FORMED CONCRETE

Measurement for payment to furnish and install reinforced formed and poured in place concrete shall be based on the number of cubic yards of concrete installation in the field in accordance with the purchase order and shall include walls and structures to 8 feet above grade. This item covers all poured in place reinforced concrete with reinforcing not to exceed 120 pounds of steel per cubic yard of concrete.

Payment to furnish and install formed and poured in place reinforced concrete shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including but not limited to all forms, materials, supplies, equipment, labor, transportation, disposal, etc., required for a complete installation.

8.4.16 ITEM 4.38 - FURNISH AND INSTALL MISCELLANEOUS UNREINFORCED FORMED CONCRETE

Measurement for payment for furnishing and installing miscellaneous unreinforced formed and poured in place concrete shall be based on the number of cubic yards of unreinforced concrete poured in accordance with the purchase order. This includes slabs on grade, thrust blocks, dead weight blocks, and any other unreinforced concrete work, earth supported, or formed, other than sidewalk.

Payment for miscellaneous unreinforced formed and poured in place concrete shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including but not limited to all forms, materials, supplies, equipment, labor, transportation, and finishing, required for a complete installation.

8.4.17 ITEM 4.39 - FURNISH AND INSTALL TREMIE CONCRETE

Measurement for payment to furnish and install tremie concrete shall be based on the number of cubic yards of concrete installed in the field in accordance with the purchase order.

Payment to furnish and install tremie concrete shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including but not limited to all materials, supplies, equipment, labor, transportation etc., required for a complete installation.

8.4.18 ITEM 4.40 - FORM AND POUR CONCRETE SIDEWALK

Measurement for payment to form and pour 6-inch thick concrete sidewalk shall be based on the number of square yards of unreinforced concrete sidewalk constructed in the field in accordance with the purchase order.

Payment for forming and pouring unreinforced concrete sidewalk shall be at the unit price earned in the Item Response Form which shall constitute full compensation for the work including but not limited to all forms, materials, supplies, equipment, labor, transportation, finishing etc., required for a complete installation.

8.4.19 ITEM 4.41 – FURNISH AND INSTALL FLOWABLE FILL

Measurement for payment for furnishing and installing flowable fill shall be based on the number of cubic yards of material installed.

Payment for furnishing and installing flowable fill shall be based on the unit price indicated in the Item Response Form which shall constitute complete compensation, including, but not limited to, all transportation, materials, blocking ends, labor, etc., to install the flowable fill where directed by the ENGINEER.

8.4.20 ITEM 4.42 – FURNISH CONCRETE PUMP

Measurement for payment for furnishing a concrete pump and minimum two person crew, including operator, shall be based on the actual time pumping concrete/flowable fill plus a maximum of three hours for mobilization/ demobilization.

Payment for providing a concrete pump shall be based on the unit price named in the Item Response Form, which shall constitute complete compensation, including, but not limited to, all transportation, equipment, labor, etc., to provide an operating pump.

8.5 SECTION 5 - PIPING AND VALVES

8.5.1 ITEMS 5.01 THRU 5.05 - FURNISH AND INSTALL FLANGED PLUG VALVE WITH STAINLESS STEEL (SS) ACCESSORIES

Measurement for payment for furnishing and installing flanged plug valves with SS accessories shall be based on the number of plug valves installed. 6, 8 and 10 inch flanged plug valves shall have hand wheel operators unless specified otherwise by the ENGINEER.

Payment for furnishing and installing flange plug valves with SS accessories shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, materials, painting, labor and equipment required for the completed work.

8.5.2 ITEMS 5.06 THRU 5.10 - FURNISH AND INSTALL FLANGED WEIGHT AND LEVER CHECK VALVE WITH STAINLESS STEEL ACCESSORIES

Measurement for payment for furnishing and installing check valves with SS accessories shall be based on the number of check valves installed in accordance with the purchase order.

Payment for furnishing and installing check valves with SS accessories shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all supplies, equipment, labor, etc., required for the completed work.

8.5.3 ITEMS 5.11 THRU 5.12 - FURNISH AND INSTALL PUMP OUT CONNECTION

Measurement for payment for furnishing and installing pump out connection shall be based on the number of pump connections installed.

Payment for furnishing and installing pump out connection will be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to all materials, supplies, equipment, painting, labor, etc., required for the completed work.

8.5.4 ITEMS 5.13 THRU 5.17 - FURNISH AND INSTALL MECHANICAL JOINT (MJ) PLUG VALVE

Measurement for payment for furnishing and installing MJ plug valves shall be based on the number of plug valves installed in accordance with the purchase order.

Payment for furnishing and installing MJ plug valves shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, valves, restrained joints, valve box, miscellaneous concrete, all supplies, equipment, labor, accessories, etc., required for the completed work.

8.5.5 ITEMS 5.18 THRU 5.22 - FURNISH AND INSTALL FLANGED DUCTILE IRON (DI) PIPING

Measurement for payment for installing flanged ductile iron piping shall be based on the length, in feet, of piping installed between the pumps and 5 feet downstream of the meter vault, as directed by the ENGINEER.

Payment for installing flanged ductile iron piping shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, pipe, interior and exterior coatings, link seals, all supplies, equipment, labor, etc., required for the completed work.

8.5.6 ITEMS 5.23 THRU 5.26- FURNISH AND INSTALL MECHANICAL JOINT (MJ) FLEXIBLE BALL JOINT

Measurement for payment for furnishing and installing mechanical joint (MJ) flexible ball joints (MEGALUG Flex-900 or equal) shall be based on the number of ball joints installed, in accordance with the purchase order.

Payment for furnishing and installing MJ flexible ball joints (MEGALUG Flex-900 or equal) shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed installation including, but not limited to, restrained joints, supplies, equipment, labor, and appurtenances, required for the completed work.

8.5.7 ITEMS 5.27 THRU 5.29 - FURNISH AND INSTALL PUMP BASE ELBOW AND PUMP

Measurement for payment for furnishing and installing pump base elbow and COUNTY supplied pump shall be based on the number of pump base elbows installed.

Payment for furnishing and installing pump base elbows and COUNTY supplied pump shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all supplies, stainless steel plate, pump guide rails, equipment, painting, labor, etc., required for the completed work.

8.5.8 ITEM 5.30 - FURNISH AND INSTALL STAINLESS STEEL FLOAT HANGER BRACKET

Measurement for payment for furnishing and installing stainless steel float hanger bracket shall be based on the number of float hanger brackets installed.

Payment for furnishing and installing stainless steel float hanger brackets shall be at the unit price named in the Item Response Form which shall constitute full compensation for the

completed work including but not limited to, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.5.9 ITEM 5.31 - FURNISH AND INSTALL WET WELL VENT

Measurement for furnishing and installing wet well vent will be based on the number of wet well vents furnished and installed.

Payment for furnishing and installing wet well vent will be at the unit price named in the Item Response Form which shall constitute complete compensation for all materials, supplies, painting, equipment, labor, etc., required for the completed work.

8.5.10 ITEM 5.32 – 5.33 - FURNISH AND INSTALL WATER SERVICE

Measurement for payment for furnishing and installing 1-inch or 2-inch water service shall be based on the number of water services installed in accordance with the purchase order.

Payment for furnishing and installing 2-inch water service shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, miscellaneous valves, pipe, meter box, excavation and backfill, materials, tools, supplies, equipment, labor, etc., required for the completed work including connection to the main and up to 150 linear feet of 2-inch water service line measured along the top of the ground from the main to the location provided by the ENGINEER.

8.5.11 ITEM 5.34 – 5.35 - FURNISH AND INSTALL 1-inch or 2-inch BACKFLOW PREVENTION DEVICE

Measurement for furnishing and installing 1-inch or 2-inch backflow prevention device will be based on the number of backflow prevention devices furnished and installed.

Payment for furnishing and installing a backflow prevention device will be at the unit price named in the Item Response Form which shall constitute complete compensation for all materials, supplies, equipment, labor, etc., required for the completed work. This item includes backflow devices installed in existing lift station water service lines or in new lift station water service lines. This does not include backflow device installations in water service lines other than used exclusively for a lift station.

8.5.12 ITEMS 5.36 THRU 5.40 - FURNISH AND INSTALL DUCTILE IRON PIPE (DIP) MECHANICAL JOINT (MJ) FORCE MAIN

Measurement for payment for furnishing and installing DIP MJ force main shall be based on the number of linear feet of DIP force main installed in accordance with the purchase order.

Payment for furnishing and installing DIP MJ force main shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation and backfill, materials, tools, supplies, equipment, labor, link seals, coatings, etc., required for the completed work in conformance with BCWWS minimum standards.

8.5.13 ITEM 5.41 - FURNISH AND INSTALL DIP MJ FORCE MAIN FITTINGS AND ACCESSORIES

Measurement for payment for furnishing and installing DIP MJ force main fittings shall be based on the pounds of DIP force main fittings installed in accordance with the purchase order, as determined by standard manufacturer's literature.

Payment for furnishing and installing MJ DIP force main fittings shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation, backfilling, supplies, equipment, labor, etc., required for the completed work.

This item includes restrained joint fitting accessories.

8.5.14 ITEMS 5.42 THRU 5.48 - FURNISH AND INSTALL 8-inch and 10-inch PVC SANITARY SEWER

Measurement for payment for furnishing and installing 8-inch and 10-inch PVC sanitary sewer shall be based on the linear feet of 8-inch and 10-inch PVC sanitary sewer installed within the indicated depths and the indicated material in accordance with the purchase order.

Payment for furnishing and installing 8-inch and 10-inch PVC sanitary sewer shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation and backfill, supplies, equipment, labor, etc., required for the completed work.

8.5.15 ITEMS 5.49 THRU 5.53 - FURNISH AND INSTALL CONNECTION TO EXISTING FORCE MAIN

Measurement for payment for furnishing and installing a connection to an existing force main shall be based on the number of connections installed in accordance with the purchase order.

Payment for furnishing and installing a connection to a force main shall be at the unit price named in the Item Response Form which shall constitute full compensation for the completed work including, but not limited to, all excavation, backfilling, performing the wet tap, equipment, labor, and appurtenances required for the completed work.

8.5.16 ITEM 5.54 - FURNISH AND INSTALL FLANGED DIP FITTINGS

Measurement for payment for furnishing and installing flanged DIP fittings, with stainless steel accessory sets, shall be based on the weight, in pounds, of each fitting, as determined by standard manufacturer's literature.

Payment for furnishing and installing flanged DIP fittings shall be based on the unit price named in the Item Response Form, which shall constitute full compensation including, but not limited to, delivery, installation and all appurtenances referred to complete the installation.

8.5.17 ITEM 5.55 - GROUT ABANDON LINES

Measurement for abandoning existing lines shall be based on the number of cubic yards of concrete flowable fill installed.

Payment for furnishing and installing flowable fill used in abandoning pipeline shall be based on the unit price named in the Item Response Form which shall include all excavation, labor, equipment, blocking ends, concrete flowable fill and appurtenances required to provide the complete work.

8.5.18 ITEM 5.56 – FURNISH AND INSTALL PRESSURE GAUGE ASSEMBLY

Measurement for payment for furnishing and installing a pressure gauge assembly shall be based on the number of pressure gauges installed.

Payment for furnishing and installing the pressure gauge assembly shall be based on the unit price named in the Item Response Form which shall include all materials, tapping the main, labor, equipment and appurtenances required to provide the completed work.

8.6 SECTION 6 - ELECTRICAL WORK

8.6.1 ITEM 6.01 THRU 6.02 - REMOVE EXISTING CONTROL PANEL/ELECTRIC METER

Measurement for payment to remove an existing control panel and electric meter will be based upon the actual number of control panels and electric meters removed. All removed panels/meters shall be returned to BCWWS, unless otherwise directed.

Payment to remove an existing control panel and electric meter will be made at the unit price

named in the Item Response Form which shall constitute full compensation for the complete operation, including all materials, supplies, labor, equipment, etc.

8.6.2 ITEM 6.03 - REMOVE EXISTING ELECTRIC METER

Measurement for payment to remove an existing electric meter will be based upon the actual number of electric meters removed. All removed meters shall be stored and reinstalled at the direction of FPL, unless otherwise directed.

Payment to remove an existing electric meter will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation, including all materials, supplies, labor, equipment, etc.

8.6.3 ITEM 6.04 THRU 6.05 - RELOCATE EXISTING CONTROL PANEL/ELECTRIC METER (UP TO 30 FEET)

Measurement for payment to relocate an existing control panel and electric meter will be based upon the actual number of control panels and electric meters relocated (up to 30 feet).

Payment to relocate an existing control panel and electric meter will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete operation, including all materials, supplies, labor, equipment, etc.

8.6.4 ITEMS 6.06 THRU 6.11 - INSTALL COUNTY SUPPLIED CONTROL PANEL

Measurement for payment for Installing COUNTY Supplied Control panel will be based on the number of control panels provided by the COUNTY and installed by the CONTRACTOR. This Bid Item shall also include the reinstallation of equipment removed under Bid Items 6.01 thru 6.02.

Payment for Installing COUNTY Supplied Control panels and furnishing and installing all associated materials will be at the unit price indicated in the Item Response Form which shall constitute complete compensation for the installation, but not limited to all transportation to pick up control panel at the COUNTY designated location within 25 miles of the pump station site, all materials, supplies, labor and equipment to install the control panel in accordance with the plans, connect to the electrical service, tested and inspected and ready for service.

8.6.5 ITEM 6.12 – FURNISH AND INSTALL ¾-inch BUBBLER SYSTEM PIPING, FITTINGS AND APPURTENANCES

Measurement for payment for furnishing and installing ¾-inch bubbler piping, and fittings, TYGON Air Line, or equal and appurtenances shall be based on the number of bubbler systems installed in accordance with the purchase order. This item includes all bubbler tubing, fittings, mounting, piping, etc., from the control panel to the bottom of the wet well. It does not include the pressure switches, compressors, or gages, provided with the control panel.

Payment for furnishing and installing bubbler system piping, fittings, and appurtenances shall be at the unit price in the Item Response Form, which shall constitute full compensation for the completed work including, but not limited to, all excavation and backfill, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.6.6 ITEM 6.13 – REMOVE AND PROPERLY STORE EXISTING PUMPS DURING CONSTRUCTION

Measurement for payment for removing and storing pumps during construction shall be based on the number of pumps removed in accordance with the purchase order. Pumps shall be thoroughly hosed off and debris, rags, grease etc. removed. Storage shall be a secured location where no damage, theft or degradation of the equipment will occur prior to reinstallation.

Payment for removal and storage of pumps shall be at the unit price named in the Item Response Form, which shall constitute full compensation for the completed work including, but not limited to, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.6.7 ITEM 6.14 – INSTALL/REINSTALL COUNTY SUPPLIED PUMPS IN WET WELL

Measurement for payment for installing/reinstalling pumps in wet well shall be based on the number of pumps installed in accordance with the purchase order.

Payment for installation of pumps shall be at the unit price named in the Item Response Form, which shall constitute full compensation for the completed work including, but not limited to, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.6.8 ITEM 6.15 – DISCONNECT AND REMOVE EXISTING FLOATS FROM WET WELL

Measurement for payment for disconnecting and removing floats shall be based on the number of floats removed in accordance with the purchase order.

Payment for removal of floats shall be at the unit price named in the Item Response Form, which shall constitute full compensation for the completed work including, but not limited to, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.6.9 ITEM 6.16 – REINSTALL AND RECONNECT COUNTY SUPPLIED FLOATS IN WET WELL

Measurement for payment for reinstalling and reconnecting floats shall be based on the number of floats installed in accordance with the purchase order.

Payment for reinstalling floats shall be at the unit price named in the Item Response Form, which shall constitute full compensation for the completed work including, but not limited to, materials, tools, supplies, equipment, labor, etc., required for the completed work.

8.6.10 ITEM 6.17 - FURNISH AND INSTALL "POWER PRESENT" INDICATOR LIGHT (BLUE)

Measurement for payment for furnishing and installing "power present" light will be based on the number of lights furnished and installed by the CONTRACTOR.

Payment for furnishing and installing "power present" light will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the lights including, but not limited to, all materials, supplies, labor and equipment required to install the light, tested and inspected and ready for service.

8.6.11 ITEM 6.18 THRU 6.19 INSTALL COUNTY SUPPLIED CONNECTION/ISOLATION PANEL

Measurement for payment for installing County supplied connection/isolation panels will be based on the number of connection/isolation panels installed by the CONTRACTOR.

Payment for installing County supplied connection/isolation panels will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the connection/isolation panel including, but not limited to, all transportation, materials, excavation, supplies, labor and equipment to install the control panel in accordance with the plans, connected to the control panel and lift station equipment, tested and inspected and ready for service.

8.6.12 ITEMS 6.20 THRU 6.21 - FURNISH AND INSTALL ELECTRICAL SERVICE TO LIFT STATION

Measurement for payment for furnishing and installing electrical service to lift station will be based on the length of electrical service provided, including wire, conduit and appurtenances furnished and installed by the CONTRACTOR.

Payment for furnishing and installing electrical service to lift station will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the electrical service including, but not limited to, all transportation, excavation and backfill, asphalt restoration, materials, supplies, labor and equipment to complete the connection between FPL and the pump station.

This item does not include any charges required by FPL as they are paid for under a separate line item.

8.6.13 ITEMS 6.22 THRU 6.23 - INSTALL EMERGENCY CONNECTION/ TRANSFER PANEL

Measurement for payment for installing emergency connection/transfer panel will be based on the number of emergency connection/transfer panels installed by the CONTRACTOR.

Payment for installing emergency connection/transfer panel will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the emergency connection/transfer panel including, but not limited to, all transportation, materials, supplies, labor and equipment connected to the control panel and lift station equipment, tested and inspected and ready for service.

8.6.14 ITEM 6.24 - FURNISH AND INSTALL TEMPORARY ELECTRICAL SERVICE

Measurement for payment for furnishing and installing temporary electrical service will be based on the number of electrical services installed in accordance with the purchase order.

Payment for furnishing and installing temporary electrical service will be made at the unit price named in the Item Response Form which shall constitute full compensation for the complete temporary electrical service including all necessary conduit, wire, excavation, backfill, handhole, meter box, disconnect, fittings, posts, permits, materials and supplies, required to make a functional and reliable temporary electrical service. This item shall include bringing a maximum 400 amp, 460V, 3 phase power from a commercial power source a maximum of 100 lineal feet from the temporary electrical service. Distances in excess of 100 lineal feet shall be compensated under separate line items.

8.6.15 ITEM 6.25 - FURNISH AND INSTALL TEMPORARY CONTROL PANEL

Measurement for payment for furnishing and installing temporary control panel will be based on the number of temporary control panels furnished and installed by the CONTRACTOR.

Payment for furnishing and installing temporary control panel will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the temporary control panel including, but not limited to, all transportation, materials, supplies, labor and equipment to install the control panel, including appurtenances, in accordance with the Work Authorization, connected to the lift station equipment, tested and inspected and ready for service.

8.6.16 ITEMS 6.26 THRU 6.30 - FURNISH AND INSTALL ALUMINUM CONDUIT

Measurement for payment for furnishing and installing aluminum conduit will be based on the number of linear feet of conduit installed.

Payment for furnishing and installing aluminum conduit from the wet well or valve vault to the connection panel will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the aluminum conduit including, but not limited to, all transportation, excavation and backfilling, materials, supplies, sealing fittings, labor and equipment to install the aluminum conduit in accordance with the Contract Document, connected to the connection panel and valve vault, inspected and ready for service.

8.6.17 ITEMS 6.31 THRU 6.33 - FURNISH AND INSTALL SCHEDULE 40 PVC CONDUIT

Measurement for payment for furnishing and installing PVC conduit will be based on the number of linear feet of conduit installed.

Payment for furnishing and installing PVC conduit will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the PVC conduit including, but not limited to, all transportation, excavation and backfilling, materials, supplies, sealing fittings, labor and equipment to install the PVC conduit in accordance with the Contract Document, inspected and ready for service.

8.6.12 ITEM 6.34 – REMOVE EXISTING ANTENNA AND SUPPORT POLE

Measurement for payment for removing existing pole and SCADA antenna will be based on the number of poles and antennas removed by the CONTRACTOR.

Payment for removing the pole and antenna will be at the unit price named in the Item Response Form which shall constitute complete compensation for the removal including, but not limited to, all transportation, disconnection, materials, supplies, labor and equipment in accordance with the plans.

8.6.13 ITEM 6.35 - FURNISH AND INSTALL 2 INCH ALUMINUM POLE FOR SCADA ANTENNA

Measurement for payment for furnishing and installing 2 inch aluminum pole for the SCADA antenna will be based on the number of 2 inch aluminum pole and appurtenances furnished and installed by the CONTRACTOR.

Payment for furnishing and installing 2 inch aluminum pole and appurtenances will be at the unit price named in the Item Response Form which shall constitute complete compensation for the installation of the 2 inch aluminum pole up to 20 feet long including, but not limited to, all transportation, connection to the panel, materials, supplies, labor and equipment in accordance with the plans

9.0 ALLOWANCES

9.1 NON-COUNTY AGENCY PERMITS AND FEES (ALLOWANCE) - \$10,000

This item is an allowance and is intended to reimburse the CONTRACTOR for actual costs associated with obtaining necessary permits to construct the work. Measurement for payment for permit fees will be based upon the actual permit fees paid by the CONTRACTOR to the various agencies having jurisdiction for construction of the project.

Payment for permit fees shall be based on CONTRACTOR produced documentation verifying actual cost; no markup allowed.

9.2 PARTS AND MATERIALS (ALLOWANCE) - \$50,000

This item is an allowance and is intended to reimburse the CONTRACTOR for actual costs associated with items not included in the preceding Bid Pricing Sheets. The CONTRACTOR will charge the COUNTY the same prices invoiced by their suppliers. A copy of the CONTRACTOR's invoice(s) from their supplier for such parts and materials shall be submitted with the CONTRACTOR's invoice for payment.

Payment for parts and materials shall be based on CONTRACTOR produced documentation verifying actual cost; no markup allowed.

9.3 Florida Power and Light (ALLOWANCE) - \$25,000

This item is an allowance and is intended to reimburse the CONTRACTOR for costs required by Florida Power and Light (FPL) to provide an electrical service connection, shutdown, or other service as may be required. This item shall be used only when authorized by the ENGINEER in writing.

Measurement shall be based on the FPL invoice for the work provided.
Payment will be at the FPL invoiced amount, as evidenced by the FPL invoice and shall constitute full compensation for the services provided.



PUBLIC WORKS DEPARTMENT

WATER & WASTEWATER SERVICES

ENGINEERING DIVISION

2555 WEST COPANS ROAD

POMPANO BEACH, FL 33069

LIFT STATION

REHABILITATION AND REPAIR

BCWWS PROJECT No. 8620

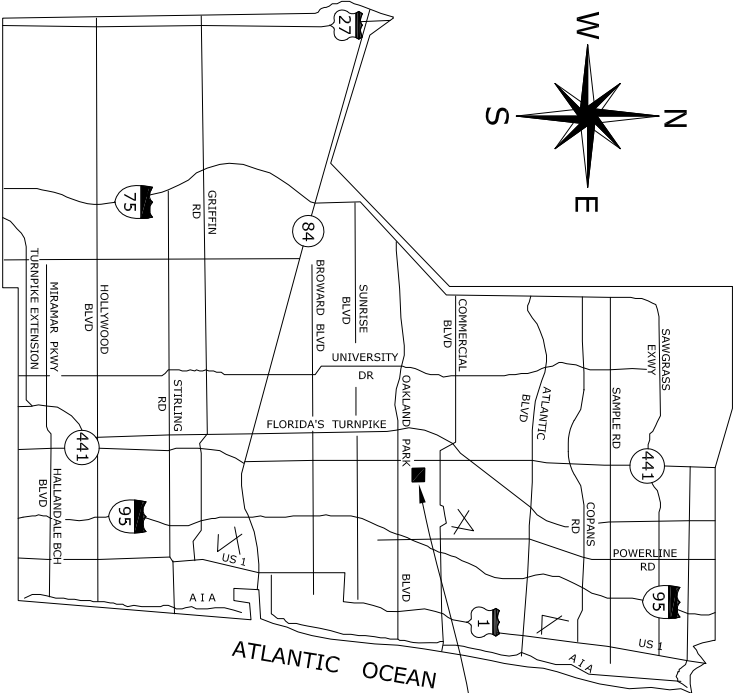
DRAWING INDEX

PROJECT LOCATION

SECTION-XX

TOWNSHIP-XX S

RANGE-XX E



BROWARD COUNTY, FL

GENERAL LOCATION MAP

BID SET

BID NO.

5/2017

THE SIZE OF THESE PLANS MAY HAVE BEEN ALTERED BY REPRODUCTION.

THIS MUST BE CONSIDERED WHEN OBTAINING DATA.



CONTRACTOR TO COMPLY WITH FS CHAPTER 556

(UNDERGROUND FACILITY DAMAGE PREVENTION

AND SAFETY ACT).

DESCRIPTION	SHEET DESIGNATION
COVER SHEET	G-1
LOCATION MAP AND ABBREVIATIONS	G-2
LIFT STATION NOTES	G-3
PLAN AND ELEVATION	M-1
TYPICAL SITE PLAN	M-2
STANDARD DETAILS	M-3
STANDARD DETAILS	M-4
STANDARD DETAILS	M-5
STANDARD DETAILS	M-6
DUPLEX CONTROL PANEL	E-1
DUPLEX ELECTRICAL SERVICE & TRANSFER SWITCH	E-2
DUPLEX CONTROLS CIRCUIT	E-3
DUPLEX CONNECTION PANEL & CONTROL TRANSFORMER	E-4
TRIPLEX CONTROL PANEL	E-5
TRIPLEX ELECTRICAL SERVICE & TRANSFER SWITCH	E-6
TRIPLEX CONTROLS CIRCUIT	E-7
TRIPLEX CONNECTION PANEL & CONTROL TRANSFORMER	E-8
TRIPLEX CONTROL PANEL FOR LIFT STATION WITH STANDBY GENERATOR	E-9
TRIPLEX SCHEMATIC FOR LIFT STATION WITH STANDBY GENERATOR	E-10
TRIPLEX SCHEMATIC FOR LIFT STATION WITH STANDBY GENERATOR	E-11
AUTOMATIC TRANSFER SWITCH FOR STANDBY GENERATOR	E-12
LIFT STATION ELECTRICAL DETAILS	E-13
LIFT STATION ELECTRICAL DETAILS	E-14

BROWARD COUNTY FLORIDA

DEPARTMENT OF PUBLIC WORKS
WATER & WASTEWATER SERVICES
ENGINEERING DIVISION

2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069
PHONE NO. 954-831-0245 FAX: 954-831-0925

CONFIDENTIAL

Broward County-PWS Document
NOT FOR CONSTRUCTION
In Accordance with:
FS Chapter 281.301
FS Chapter 119.071(3)(b)
FS Chapter 153

MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION AND REMOVED IMMEDIATELY UPON COMPLETION OF THE PROJECT. THESE PLANS SHALL BE THE PROPERTY OF BROWARD COUNTY AND WILL BE RETURNED TO THE ENGINEERING DIVISION UPON COMPLETION OF THE PROJECT. NO REPRODUCTION OR ALTERATION OF THESE PLANS IS PERMITTED WITHOUT THE WRITTEN CONSENT OF BROWARD COUNTY. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY KIND BY BROWARD COUNTY FOR THE ACCURACY OR COMPLETION OF THE PROJECT. THE USER OF THESE PLANS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR COMPLYING WITH ALL APPLICABLE LAWS, ORDINANCES, AND REGULATIONS. BROWARD COUNTY PUBLIC WORKS DEPT
HIGHWAY CONSTRUCTION & ENGINEERING DIV

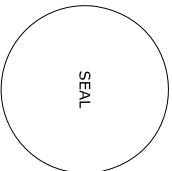
☐ PERMIT SET
☐ PUBLIC RIGHT OF WAY APPROVAL FOR PLANT REQUIREMENTS
☐ PLANT REQUIREMENTS
☐ PLANT, LANDSCAPE AND SIGNAGE

BET _____ DOES NOT INCLUDE APPROVAL OF PAYMENT MARKINGS & SIGNS

PROJECT NAME:
LIFT STATION REHABILITATION AND REPAIR

PROJECT NO. 8620

BID NO.



David J. O'Connor 5/12/17

FLORIDA P.E. No. 18502 DATE

DESIGN: DJO [DRAWN: JJC] [CHECK: DJO]

DATE: _____

REVISION DESCRIPTION: _____

DRAWING NAME:
COVER SHEET

SCALE:
AS SHOWN

DWG NO:

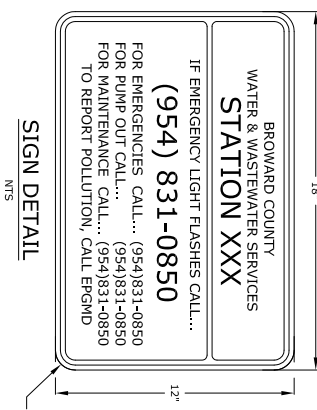
DESIGNATION:
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GENERAL

- ALL CONCRETE, METALS AND MATERIALS SHALL COMPLY WITH BROWARD COUNTY WATER AND WASTEWATER SERVICES TECHNICAL STANDARDS AND APPLICABLE LOCAL AND NATIONAL CODES.
- MINIMUM REQUIREMENTS FOR PRODUCTS USED IN BROWARD COUNTY DISTRIBUTION AND COLLECTION SYSTEMS ARE DEFINED IN PRODUCT SPECIFICATION SHEETS.
- FOR ALL WATER & WASTEWATER TECHNICAL STANDARDS AND "PRODUCT SPECIFICATION SHEETS" REFER TO: WWW.BROWARD.ORG/WATERSERVICES/ENGINEERING/PAGES/MINIMUMDESIGNCONSTRUCTIONSTANDARDS.ASPX.
- WHenever a MATERIAL, ARTICLE OR PIECE OF EQUIPMENT IS IDENTIFIED IN THE PROJECT MANUAL INCLUDING DRAWINGS (PLANS) AND SPECIFICATIONS BY REFERENCE TO MANUFACTURER'S OR VENDOR'S NAME, TRADE NAMES, CATALOG NUMBERS, OR OTHERWISE, IT IS INTENDED MERELY TO ESTABLISH A STANDARD OF QUALITY AND NOT TO RESTRICT COMPETITION. THE CONTRACTOR SHALL BE FREE TO SUBSTITUTE ANY MATERIAL, ARTICLE OR EQUIPMENT OF OTHER MANUFACTURERS AND VENDORS WHICH WILL PERFORM TO OR EXCEED THE REQUIREMENTS OF THE GENERAL DESIGN WILL BE CONSIDERED EQUALLY ACCEPTABLE, PROVIDED THE MATERIAL, ARTICLE OR EQUIPMENT SO PROPOSED IS, IN THE OPINION OF THE BCWS, OF EQUAL OR BETTER QUALITY, AND FULFILLMENT OF THE PRODUCT SPECIFICATION SHEETS AT WWW.BROWARD.ORG
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE THE WORK AS SPECIFIED.
- IF APPLICABLE THE CONTRACTOR SHALL SUPPLY ALL LABOR AND EQUIPMENT NECESSARY TO BR-PASS THE LIFT STATION DURING CONSTRUCTION AND MAINTAIN SAID BR-PASS FOR THE DURATION OF ITS USE.
- CONFORMANCE TO TRENGA SAFETY ACT IS REQUIRED FOR ALL EXCAVATIONS IN EXCESS OF 6 FEET DEEP. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS OSHA 29 CFR 1910.146, PERMIT-REQUIRED CONFINED SPACES AND OSHA 29 CFR 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY:
SUNSHINE STATE 1 CALL 811
BCWS NETWORK (954-831- 0838
BCWS INSPECTOR..... (954-831- 0901
- THE CONTRACTOR SHALL ATTACH PUMP GUIDE RAILS AS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL VALVES ARE TO BE TAPPED, STATING TYPE OF VALVE AND NUMBER OF TAPS TO OPERATE. IF THE VALVE IS BURIED, A BRASS PLATE WILL BE CAST IN THE CONCRETE APRON AROUND THE VALVE COVER. IF THE VALVE IS LOCATED IN A PIT, THE TAG SHALL BE HUNG FROM THE VALVE WITH A PLASTIC STRAP.
- ALL VALVE BOXES SHALL HAVE LOCKING LIDS.
- DUCTILE IRON PIPE AND FITTINGS SHALL CONFORM TO BCWS PRODUCT SPECIFICATION SHEETS.
- ALL JOINTS SHALL BE RESTRAINED IN ACCORDANCE WITH THE PANS SPECIFICATIONS AND IN FITTINGS AND VALVES WITHIN WET WELLS AND VALVS SHALL BE FLANGED. BURIED PIPING, FITTINGS AND VALVES SHALL HAVE MECHANICAL JOINT (MJ) CONNECTIONS.
- COMPLETE AS-BUILT INFORMATION RELATIVE TO VALVES, FITTINGS, LENGTH OF PIPE AND THE LINE SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TAKEN BY AN INDEPENDENT REGISTERED LAND SURVEYOR OR PROFESSIONAL SURVEYOR AND MAPPER AND INCLUDED IN THE "AS-BUILT" INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE "AS-BUILT" FINAL REVIEW AND APPROVAL OF THE "AS-BUILT" INFORMATION FURNISHED TO THE REGULATORY AGENCIES AND BCWS.
- ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NORTH AMERICAN DATUM (NAD 83). (83), HORIZONTAL DATUM (NAD83) FLORIDA EAST (8301) - US FOOT. UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE IDENTIFICATION SIGN AS SHOWN.
IF EMERGENCY LIGHT FLASHES CALL... (954) 831-0850 FOR EMERGENCIES CALL... (954)831-0850 FOR PUMP OUT CALL... (954)831-0850 FOR MAINTENANCE CALL... (954)831-0850 TO REPORT POLLUTION, CALL EPMD



PUMPS AND CONTROL PANEL

- PUMPS WILL BE PROVIDED TO THE CONTRACTOR BY BCWS. FOR INSTALLATION INTO THE WORK, ALL APPOINTMENTS REQUIRED TO MAKE A COMPLETE AND OPERATING SYSTEM SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. PUMPS WILL BE SUPPLIED WITH 60 FT CABLES
- CONTROL PANEL WITH LOUVERED ENCLOSURE IS TO BE PROVIDED BY BCWS.

CAST-IN-PLACE CONCRETE

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE (FBC), AMERICAN CONCRETE INSTITUTE (ACI) 318 AND THE CONTRACT SPECIFICATIONS.
- COMPLETE ENGINEERING AND PRODUCT DATA SHALL BE SUBMITTED TO THE ENGINEER ON ALL ADJUTURES, CURING COMPOUNDS, HARDENERS, SEALERS, REINFORCING STEEL AND WATER STOPS IN ACCORDANCE WITH THE SPECIFICATIONS.
- REINFORCEMENT STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615.
- CONCRETE COVER FOR STEEL REINFORCEMENT SHALL BE AS SPECIFIED ON ACI 318.
- PIPS, INSERTS AND OTHER METAL OBJECTS SHOWN SHALL BE BUILT INTO, SET IN, OR ATTACHED TO THE CONCRETE. ALL REQUIRED HOLES SHALL BE CAST AT TIME OF CONSTRUCTION.
- ALL CAST-IN-PLACE CONCRETE SHALL BE ACCURATELY FORMED AND PROPERLY PLACED AND FINISHED AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.
- THESE SPECIFICATIONS, IN GENERAL CLASS A OR CLASS B, AS INDICATED ON THE DRAWINGS OR SPECIFIED IN THE CONTRACT SPECIFICATIONS, SHALL BE USED FOR REINFORCED CONCRETE AND SIMILAR REINFORCED CONCRETE STRUCTURES COMING UNDER THE SCOPE OF ACI 318. CLASS B CONCRETE SHALL BE PLAIN CONCRETE AND SHALL BE USED FOR PIPE GRADES, PIPE AND CONDUIT EMBASEMENT, BEDDING, GRADE CORRECTION, ANCHORS, COLLARS, THRUST BLOCKS, MASSIVE SECTIONS AND OTHER NON-REINFORCED CONCRETE.

LIFT STATION NOTES

FINISHING UNFORMED SURFACES

- NO SURFACE TREATMENT WILL BE REQUIRED FOR BURIED CONCRETE NOT FORMING AN INTEGRAL PART OF A STRUCTURE. UNFORMED SURFACES SHALL BE FINISHED TO A FINISH THAT WILL PRODUCE A FINISH OF UNIFORM TEXTURE AND COLOR. UNLESS ADDITIONAL FINISHING IS SPECIFICALLY REQUIRED, THE COMPLETED FINISH FOR UNFORMED SURFACES SHALL BE THE FLOAT FINISH PRODUCED BY THE SECOND FLOATING.
- SCREEDING: SCREEDING SHALL PROVIDE A CONCRETE SURFACE CONFORMING TO THE PROPER SLOPE AND ELEVATION. THE SCREEDERS COMPLETELY EMBEDDED IN MORTAR. ALL EXCESS OF 1/4 INCH AS MEASURED FROM A 10-FOOT STRAIGHT EDGE.
- FLOATING: SCREEDED SURFACES SHALL BE GIVEN AN INITIAL FLOAT FINISH AS SOON AS THE SURFACES ARE FINISHED TO THE PROPER SLOPE AND ELEVATION. THE SECOND FLOATING SHALL BE FOLLOWED BY A FINISH OF UNIFORM TEXTURE AND COLOR. UNLESS ADDITIONAL FINISHING IS SPECIFICALLY REQUIRED, THE COMPLETED FINISH FOR UNFORMED SURFACES SHALL BE THE FLOAT FINISH PRODUCED BY THE SECOND FLOATING.
- BROOMING: SURFACES OF EQUIPMENT BASES AND SLABS ON GRADE SHALL BE GIVEN A LIGHT BROOM FINISH PROVIDING A NONSLIP SURFACE. BROOMING SHALL BE DONE AFTER THE SECOND FLOATING AND FOR TRAFFIC AREAS SHALL BE AT RIGHT ANGLES TO THE NORMAL TRAFFIC DIRECTION.
- EDGING: ALL PERMANENTLY EXPOSED EDGES OF UNFORMED SURFACES SHALL BE CHAMFERED WITH A 3/4 INCH APPROVED EDGING TOOL UNLESS OTHER EDGE TREATMENT IS INDICATED ON THE DRAWINGS. CURING: ALL CONCRETE SHALL BE PROTECTED FROM LOSS OF MOISTURE BY CURING FOR AT LEAST 14 DAYS FOLLOWING PLACEMENT. CURING OPERATIONS SHALL TAKE IMMEDIATELY AFTER CONCRETE FINISHING IS COMPLETE OR FORMS ARE REMOVED. BREAKING OF FORM TIES OR CURING SHALL BE DONE BETWEEN THE CONCRETE SURFACE AND THE FORM SHALL BE CONSIDERED FORM REMOVAL.

PRE-CAST CONCRETE

- WALL AND SLAB THICKNESSES SHOWN ON THESE STANDARDS ARE MINIMUMS. MANUFACTURER IS SOLELY RESPONSIBLE FOR STRUCTURAL DESIGN.
- PRE-CAST UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478.
- LIFTING HOLES THROUGH THE STRUCTURE ARE NOT PERMITTED.
- THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION.
- ALL STRUCTURES SHALL BE DESIGNED TO SUPPORT AN H-20 WHEEL LOADING.
- COMPLETE ENGINEERING AND PRODUCT DATA SHALL BE SUBMITTED TO THE ENGINEER.

ACCESS HATCH

- EACH HATCH SHALL BE DESIGNED ACCORDING TO THE OPENINGS SHOWN ON THE DRAWINGS. THE ACCESS FRAMES SHALL BE MANUFACTURED FROM 1/4-INCH THICK, EXTRUDED 6063-T5 ALUMINUM.
- THE FRAME SHALL BE DRAINABLE WITH A 1 1/2-INCH THREADED DRAIN COUPLING LOCATED ON CORNER FRAME.
- THE DOOR PANELS SHALL CLOSE FLUSH AND SHALL BE 1/4-INCH THICK 5086-H34 ALUMINUM DIAMOND (CHECKER) PLATE REINFORCED FOR ASHTRAY H-20-44 WHEEL LOADS.
- REMOVABLE ALUMINUM CROSS-BEAMS SHALL BE PROVIDED BY THE HATCH SUPPLIER AS REQUIRED TO ACCOMPLISH THE STATED LOADING.
- THE DOORS SHALL HAVE HEAVY DUTY STAINLESS STEEL BUTT HINGES WITH TAMPER-PROOF FASTENERS.
- ALL HARDWARE SHALL BE MADE OF TYPE 316 STAINLESS STEEL.
- EACH DOOR SHALL HAVE SPRING OPERATORS, SUCH THAT THE MAXIMUM LIFTING EFFORT IS LESS THAN 25 POUNDS.
- THE HATCH SUPPLIER SHALL PROVIDE THE NUMBER OF SPRING OPERATORS AS REQUIRED TO ACCOMPLISH THE MAXIMUM LIFTING REQUIREMENT.
- EACH DOOR SHALL OPEN TO 90 DEGREE AND LOCK AUTOMATICALLY WITH A STAINLESS STEEL POSITIVE LOCKING ARM AND A STAINLESS STEEL RELEASE HANDLE.
- EACH DOOR SHALL HAVE A RECESSED STAINLESS STEEL LIFTING HANDLE AND RECESSED OVERSIZED PADLOCK BOX.
- THE HATCH SHALL BE PROVIDED WITH A TYPE 316 STAINLESS STEEL SLAM-LOCK WITH A REMOVABLE HANDLE.
- ALL ACCESS DOORS SHALL BE DESIGNED WITH A NEOPRENE GASKET ON THE INSIDE UP OF THE FRAME PERIMETER, TO FORM AN ESSENTIALLY AIR-TIGHT SEAL.
- ALL ACCESS DOORS SHALL BE EQUIPPED WITH A MINIMUM OF FOUR (4) STAINLESS STEEL CARRIAGE BOLTS WITH WELDED NUTS TO SECURE THE DOORS IN THE DOWN POSITION. BOLTS SHALL CONFORM TO THE MANUFACTURERS RECOMMENDATION.

WETWELL REHABILITATION

- SURFACE PREPARATION
- A. ANY LOOSE, UNBOUND OR CRACKED BRICK OR CONCRETE SHALL BE CHISELED OR HAMMERED OUT.
- B. ALL SURFACES TO RECEIVE EITHER THE ONE COMPONENT REINFORCED MORTAR OR EPOXY LINING SHALL BE STRUCTURALLY SOUND AND SHALL BE CLEANED TO REMOVE LANTACE, GREASE, LOOSE MORTAR, PAINT OR OTHER SURFACE CONTAMINANTS USING SAND BLASTING, HYDRO-GUAT BLASTING AT 3,500 PSI MINIMUM OR OTHER MECHANICAL SCALFICATION TECHNIQUES APPROVED BY THE ENGINEER.
- C. SURFACE pH TESTER EQUAL TO INSTA-CHECK, SURFACE pH PENCIL, AS MANUFACTURED BY PHYNODON, SURFACE SHALL INDICATE A pH=7.0 OR GREATER.
- D. ALL ACTIVE LEAKS IN THE STRUCTURE SHALL BE STOPPED USING CHEMICAL GROUTING AND HYDRAULIC CEMENT.
- E. ALL CRACKS, VOIDS AND REMOVED STEP HOLES SHALL BE FILLED USING A WATER RESISTANT FAST-SETTING CEMENT PATCH.

- REBUILDING CONCRETE SURFACES
- A. THE CONCRETE SHALL BE RETURNED TO ITS ORIGINAL WALL THICKNESS USING A ONE COMPONENT EPOXY REPAIR. MINIMUM INSTALLED THICKNESS SHALL BE 1/2".
- B. ONE COMPONENT, REINFORCED WET MORTAR, THE ONE COMPONENT MORTAR SHALL BE MICROSILICA ENHANCED, FIBER REINFORCED AND BE DESIGNED FOR CORROSIVE ENVIRONMENTS WITH A pH=12.0 OR HIGHER. REINFORCED MORTAR SHALL HAVE THE FOLLOWING MINIMUM PHYSICAL PROPERTIES:

- FLEXURAL STRENGTH 1000 PSI @ 28 DAYS ASTM C78-94
- COMPRESSIVE STRENGTH 9000 PSI @ 28 DAYS ASTM C109-92
- DENSITY (WEI): 130 LB/CU. FT. ASTM C138-92
- SLUTTING TENSILE STRENGTH: 700 PSI @ 28 DAYS ASTM C496-90
- SLANT SHEAR BOND STRENGTH: 2250PSI @ 28 DAYS ASTM C682-91
- SULFATE RESISTANCE WEIGHT LOSS pH 1.0 <3% ASTM C-267
PH 4.0 <18%
64 DAY DIMENSION

PAINTING & COATINGS:

- WETWELL & VALVE VAULT EXTERIOR: THE EXTERIOR OF WET WELL & VALVE VAULTS SHALL BE COATED WITH TWO (2), 10 MILS (DFT) EACH COAT OF A BITUMASTIC COATING (20 MILS TOTAL DFT). BITUMASTIC COATING SHALL BE CARBOLINE (KOPPEKS) 300K, OR APPROVED EQUAL.
- WETWELL INTERIOR, OPTION A, THE INTERIOR OF A NEW OR REHABILITATED WET WELL, WHERE DIRECTED BY BCWS, SHALL BE COATED WITH TWO (2) COATS, 15 MILS (DFT) EACH, OF A BITUMASTIC COATING (30 MILS DFT, TOTAL, BITUMASTIC COATING SHALL BE CARBOLINE (KOPPEKS) 300K OR APPROVED EQUAL.
- WETWELL INTERIOR, OPTION B, THE INTERIOR OF A NEW OR REHABILITATED WET WELL, WHERE DIRECTED BY BCWS, SHALL BE COATED WITH A SPRAYABLE, HIGH BUILD, MOISTURE TOLERANT, CHEMICAL RESISTANT EPOXY COATING DESIGNED TO BE APPLIED ON DRY OR DAM CONCRETE SURFACES. THE EPOXY COATING SHALL BE APPLIED IN TWO COATS, 10 MILS (DFT) EACH, FOR A TOTAL OF 20 MILS (DFT). THE EPOXY COATING SHALL BE BASE SHEAR GRADE HS 100, OR OTHER APPROVED MATERIAL ON THE BCWS PRODUCT SPECIFICATION SHEETS. APPLY MATERIAL USING A 3/8" OR 45:1 AIRLESS SPRAYER TO A MINIMUM DRY THICKNESS OF 60 MILS IN TWO 30 MIL COATS.
- VALVE VAULT CONCRETE INTERIOR SURFACES: THE INTERIOR CONCRETE SURFACES OF VALVE VAULTS SHALL BE COATED WITH A 100% SOLIDS POLYURANE EPOXY SPECIFICALLY DESIGNED FOR WASTEWATER IMMERSION AND LOW PERMEATION TO H₂S GAS. MATERIAL SHALL BE IN CONFORM WITH THE BCWS PRODUCT SPECIFICATION SHEETS. THE EPOXY SHALL BE APPLIED IN TWO COATS, 10 MILS (DFT) EACH, FOR A TOTAL OF 20 MILS (DFT). THE EPOXY COATING SHALL BE BASE SHEAR GRADE HS 100, OR OTHER APPROVED MATERIAL ON THE BCWS PRODUCT SPECIFICATION SHEETS. APPLY MATERIAL USING A 3/8" OR 45:1 AIRLESS SPRAYER TO A MINIMUM DRY THICKNESS OF 60 MILS IN TWO 30 MIL COATS.
- VALVES SHALL RECEIVE ONLY THE FINAL, 20 MIL (DFT) COAT, FINAL COLOR TO BE BEIGE. SURFACE PREPARATION, PRIMING AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MORE STRINGENT OF THE MANUFACTURER'S RECOMMENDATIONS OR THE BCWS PRODUCT SPECIFICATION SHEETS. RECOMMENDATION. THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION. CERTIFICATION OF MANUFACTURER SHALL BE PROVIDED.

ELECTRICAL NOTES:

- PLACING STATION CONTROL PANEL SHALL BE PROVIDED BY BCWS. OTHER PANELS, CONDUITS, PARTS AND APPURTENANCES TO BE PROVIDED BY BROWARD CONSTRUCTION IS DIRECTED TO BROWNS WEB SITE, WWW.BROWARD.ORG - FIND AN AGENCY - WATER & WASTEWATER SERVICES - WATER WASTEWATER TECHNICAL STANDARDS - PUMP STATION DETAILS - FOR INFORMATION ON CONTROL PANELS.
- CONTROL PANEL ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED BY NEC.
- ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE NEC AND SHALL COMPLY WITH ALL NATIONAL AND LOCAL RULES, ORDINANCES, AND CODES AT TIME OF INSTALLATION.
- ALL SERVICE CONDUCTORS SHALL BE STANDED COPPER TYPE THW.
- ALL ENCLOSURES SHALL BE 316 STAINLESS STEEL, WATERIGHT NEMA 3R RIGHT SIDE OPENING. ALL MOUNTING HARDWARE MUST BE 316 SST.
- USE T & B CONVERSION RESISTANT, LIGHTNING STRAIN RELIEF, THERMO-PLASTIC RESIN, CONO & CABLE CONNECTOR ON THE INSIDE OF THE TOP CONNECTION PANEL TO FIT APPROPRIATE CABLE SIZE AND TYPE. (STATE LEFT OR RIGHT SIDE GEN. RECT. WHEN ORDERING.)
- ALL PUMP MOTORS SHALL BE 3 PHASE, WHEN THE LOCAL POWER COMPANY CANNOT PROVIDE 3 PHASE POWER TO THE STATION, A "PHOTOGRAPH" PHASE CONVERTER SHALL BE SUPPLIED TO PROVIDE 3 PHASE POWER TO THE STATION.
- ALL CONTROL CIRCUIT WIRES SHALL BE TERMINATED WITH FORK TYPE CONDUIT CONNECTORS AND SHALL HAVE AN ADJACENT HEAT SHINK NUMBER, CORRESPONDING EACH CONNECTOR WITH NUMBERS AS INDICATED ON THE SCHEMATIC. NO CONCEALED WIRING SHALL BE PERMITTED BEHIND THE SUB PANEL.
- EACH DEVICE IN THE CONTROL CIRCUIT SHALL BE IDENTIFIED WITH THE PROPER CONTROL CIRCUIT ABBREVIATION AS SHOWN IN THE TABLE AND ON THE SCHEMATIC.
- FROM THE REAR SIDE OF THE DEAD FRONT LUGGED PANEL, ALL WIRES SHALL BE NEATLY LACED TOGETHER INTO A BUNDLES AND TERMINATED INTO A TERMINAL STRIP.
- DRIVEN GROUND ROD WHICH DOES NOT HAVE A RESISTANCE TO GROUND OF 10 OHMS OR LESS SHALL BE AUGMENTED UNTIL THE RESISTANCE TO GROUND IS 10 OHMS OR LESS. LIGHTENING ARRESTER LEADS TO BE ATTACHED TO THE ROD AS PER MOST RECENT NEC ARTICLE # 280.
- ALL BRANCH CIRCUITS SHALL HAVE PROPER SIZE WIRING.
- WHEN CONNECTIONS ARE COMPLETE IN THE CONNECTION BOX, COAT THE TERMINAL BLOCKS AND WIRE ENDS WITH PROTECTIVE COMPOUND, NO-OXIDE OR EQUAL, TO PREVENT CORROSION.
- SCHEMATIC DRAWINGS SHALL BE PLACED IN STATION ARE TO BE ENCASED BETWEEN TWO PIECES OF 5/16" PLEXIGLASS.
- ELECTRICAL SERVICE SHALL BE A MINIMUM OF 100 AMPS OF # 1 THIN STANDED COPPER WIRE IN RIGID ALUMINUM CONDUIT-MINIMUM SIZE = 1 1/2". INTERMEDIATE METAL CONDUIT UNACCEPTABLE.
- UNDERGROUND SERVICE PULL BOXES ARE TO BE INSTALLED AT EACH 250 FEET OF SERVICE PULL. VOLTAGE DROP TO BE LIMITED TO A MAXIMUM OF 3 PERCENT DROP.
- BURIED TUBING SHALL BE CLEAR, 1/4" TYPICAL (OR APPROVED EQUAL), BACK-UP SENSOR TUBING TO BE REX.
- TUBING FITTINGS SHALL BE SWAGelok, BRASS FITTINGS (OR APPROVED EQUAL).

TRAFFIC REGULATION

- MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY TRAFFIC CONTROL PLAN. THE BROWARD COUNTY TRAFFIC ENGINEERING DIVISION BEFORE STARTING WORK IN THE PUBLIC RIGHT-OF-WAY.
- ALL OPEN, TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
- NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS, UNLESS IN ACCORDANCE WITH METHODS APPROVED BY THE ENGINEER OF RECORD AND BROWARD COUNTY.
- THE SAFE WALK ROUTE FOR ALL SCHOOLS WITHIN THE VICINITY OF THE CONSTRUCTION ZONE SHALL BE MAINTAINED DURING THE ARRIVAL AND DISMISSAL OF SCHOOL.
- "SCHOOL SAFETY COORDINATOR" AT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION, (954) 847-2600, TO SET UP A "PRE-CONSTRUCTION SAFETY MEETING."
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE.
- IN THE CASE THAT A DESIGNATED CROSSING OR ANY PORTION OF THE DESIGNATED WALK ROUTE CANNOT BE MAINTAINED, THEN THE CONTRACTOR SHALL NOTIFY THE "SCHOOL SAFETY COORDINATOR" AT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION, (954)847-2600, A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO CLOSING THAT ROUTE SO THAT AN ALTERNATE ROUTE CAN BE ESTABLISHED WITH THE SCHOOL AND THE BROWARD AGENCY.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. ANY DEVICE DAMAGED DURING CONSTRUCTION, SHALL BE PROPERLY REPAIRED AND REPLACED WITHIN 24 HRS. AFTER THE DAMAGE OCCURS. THE CONTRACTOR SHALL BE IN ACCORDANCE WITH BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS AND BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION MINIMUM STANDARDS.

EROSION CONTROL

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL POLLUTION PREVENTION REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, F.D.A.E., N.P.D.E.S., REQUIREMENTS.
- NO UNAUTHORIZED DISTURBANCE OF EXISTING WETLANDS WILL BE PERMITTED. TEMPORARILY INSTALLED SILT FENCES, BARRIERS OR ANY BARRIERS IMMEDIATELY ADJACENT TO AND UP-AND FROM ALL EXISTING WETLANDS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL WETLAND PROTECTION MEASURES AFTER THE PROJECT HAS BEEN ACCEPTED BY BROWARD COUNTY. THIS WORK AT NO EXPENSE TO BCWS AND COMPLY WITH FLORIDA DEPARTMENT OF TRANSPORTATION'S ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX NO. 102, LATEST EDITION, BE ESTABLISHED WITH THE SCHOOL AND THE BROWARD AGENCY.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. ANY DEVICE DAMAGED DURING CONSTRUCTION, SHALL BE PROPERLY REPAIRED AND REPLACED WITHIN 24 HRS. AFTER THE DAMAGE OCCURS. THE CONTRACTOR SHALL BE IN ACCORDANCE WITH BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS AND BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION MINIMUM STANDARDS.
- CONSTRUCTION ACTIVITIES SHALL INCORPORATE BEST MANAGEMENT PRACTICES TO CONTROL EROSION, SEDIMENTATION, AND THE POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. CONSTRUCTION PRACTICES INCLUDE:
 - CONSTRUCT TEMPORARY SEDIMENTATION BASINS OR EARTHEN BERMS AT DOWN-SLOPE GRADIENT ENDS OF NEWLY GRADED AREAS TO PROVIDE FOR SEDIMENT AND TURBIDITY REMOVAL.
 - LIMIT SITE CLEARING TO THOSE AREAS REQUIRED FOR A PARTICULAR PHASE OF CONSTRUCTION. EXISTING TREES AND VEGETATION ARE TO REMAIN WHENEVER POSSIBLE.
 - TURBIDITY BARRIERS, HAY BALES AND OTHER EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETE AND THE POTENTIAL FOR EROSION IS ELIMINATED. SEED AND MULCH (LAKE, DITCH AND SWALE BANKS) AS SOON AS POSSIBLE AFTER CONSTRUCTION IN ORDER TO STABILIZE THE SLOPES AND MINIMIZE EROSION. IN AREAS DELINEATED AS "WETLANDS" DO NOT EMPLOY SILT FENCES IN A MANNER TO ACT AS A DAM ACROSS NATURAL OR DESIGNED FLOWING WATERCOURSES. USE SILT FENCES AT UP-LAND LOCATIONS, AND TURBIDITY BARRIERS IN PERMANENT WATER BODIES, REGARDLESS OF WATER DEPTH.
 - DESIGN FLOWING WATERCOURSES. USE SILT FENCES AT UP-LAND LOCATIONS, AND TURBIDITY BARRIERS FOR STREAMS AND CREEKS MAY BE EITHER FLOATING OR STAKED TYPE, OR ANY COMBINATION OF TYPES THAT WILL SILT SITE CONDITIONS, AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. INSTALL POSTS AND STAKED TURBIDITY BARRIERS IN THE VERTICAL POSITION UNLESS OTHERWISE NOTED.

6. SITE CLEAN-UP AND MAINTENANCE

- DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE BROWN SWEET CLEAN.
- THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY THE WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.
- WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO A HAS BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONSTRUCTION, THE MATERIAL SHALL BE REMOVED AND SATISFACTORILY DISPOSED AND THE AREA LEFT IN A CLEAN AND NEAT CONDITION.
- ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

CONFIDENTIAL

BROWARD COUNTY PUBLIC WORKS DEPT
IN ACCORDANCE WITH
F5 Chapter 281.301
F5 Chapter 119.07(13)(b)
F5 Chapter 193

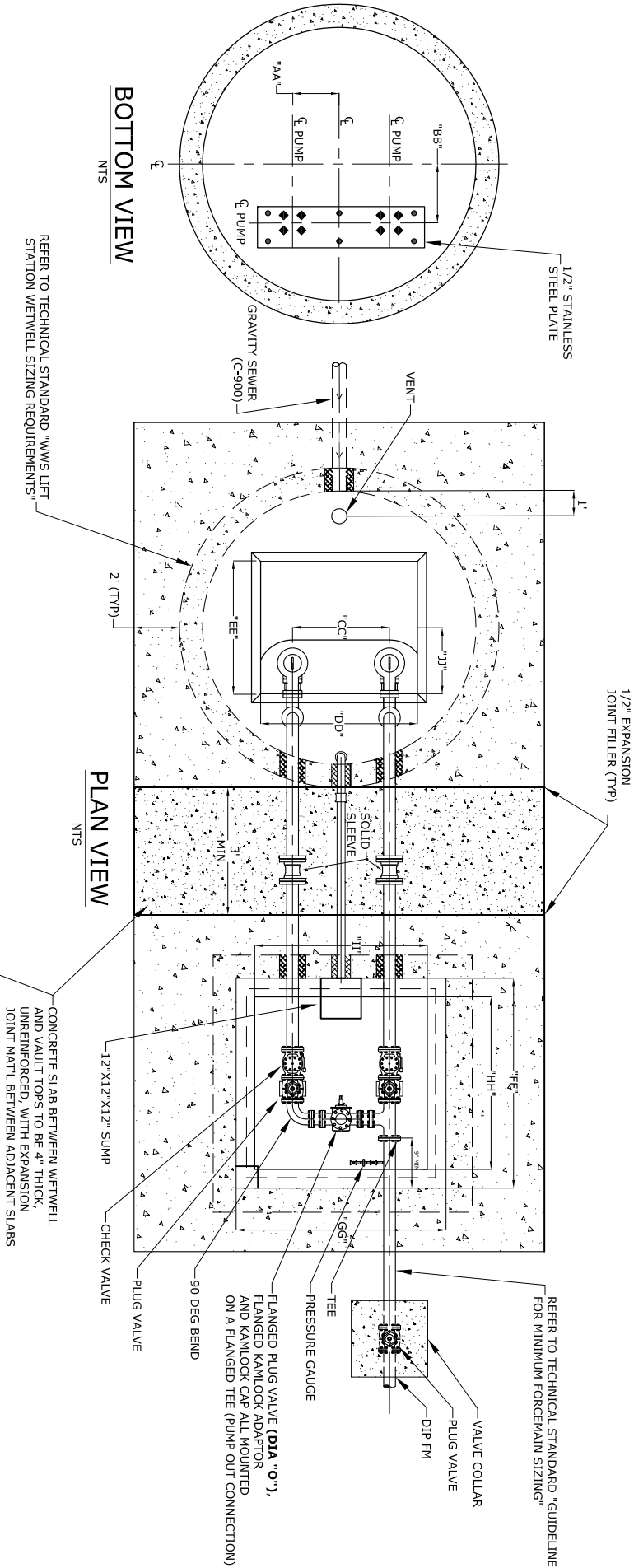
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION
NOTICE WITHIN THE PUBLIC RIGHT-OF-WAY OR EXISTENCES SHALL BE IN
INSPECTION REQUIRED 24 HRS PRIOR TO COMMENCING ANY
WORK IN THE PUBLIC RIGHT-OF-WAY CONTRACT THE BROWARD AT
MUST BE OBTAINED FROM THE BROWARD COUNTY TRAFFIC ENGINEERING DIVISION
COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY
BROWARD COUNTY PUBLIC WORKS DEPT
IN ACCORDANCE WITH
F5 Chapter 281.301
F5 Chapter 119.07(13)(b)
F5 Chapter 193

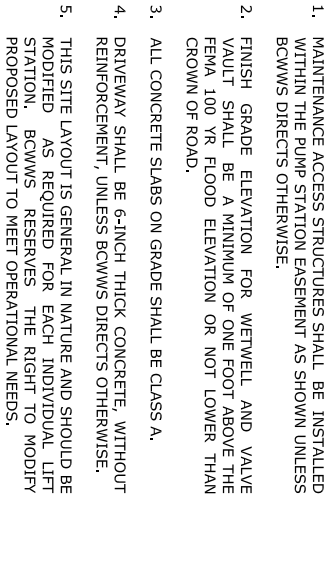
PROJECT NAME:
LIFT STATION REHABILITATION
AND REPAIR
PROJECT NO. 8620
BID NO.

SEAL

David J. O'Connor 4/10/17
FLORIDA P.E. No. 18502 DATE
DESIGN: DJO DRAWING: JJC CHECK: DJO
DATE: REVISION DESCRIPTION:

DRAWING NAME:
LIFT STATION NOTES
SCALE: DWG NO:





WET WELL DIAMETER	"A"	"B"	"C"	"D"
6 ft.	30.00'	30.00'	13.34'	20.25'
8 ft.	30.00'	30.00'	16.34'	22.25'
10 ft.	32.00'	32.00'	19.00'	27.50'

PROJECT NO. 8620

BID NO.

BROWARD COUNTY PUBLIC WORKS DEPT.

HIGHWAY CONSTRUCTION & ENGINEERING DIV

☐ PLAN CONSISTENT WITH

☐ PAINTING, GRADING OR LAND DRAINAGE

NOTE: APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE BROWARD COUNTY RIGHT-OF-WAY.

DATE: _____

BY: _____

Broward County-WWS Document
NOT FOR PUBLIC DISCLOSURE
In Accordance with:
FS Chapter 281.301
FS Chapter 119.071(3)(b)
FS Chapter 153

DEPARTMENT OF PUBLIC WORKS
WATER & WASTEWATER SERVICES
ENGINEERING DIVISION
2555 WEST COASTS ROAD
POMPANNO BEACH, FL 33069
PHONE NO. 954-831-0745 FAX: 954-831-0925

BRO-WARD
COUNTY
FLORIDA

DRAWING NAME:	
TYPICAL SITE PLAN	
SCALE:	DWG NO.

SCALE: _____ DWG NO: _____

DRAWING NAME:

TYPICAL SITE PLAN

SCALE

DWG NO:

DESIGNATION:

SEAL

David J. O'Connor	4/10/17
FLORIDA P.E. No. 18502	DATE

DESIGN:	DJO	DRAWN:	JJC	CHECK:	DJO
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DATE:	REVISION DESCRIPTION:

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DRAWING NAME:

TYPICAL SITE PLAN

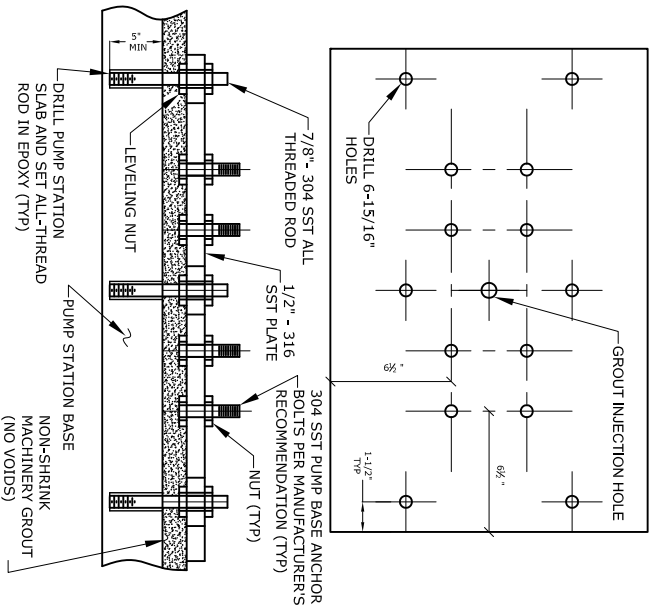
DWG N

DESIGNATION:

MC

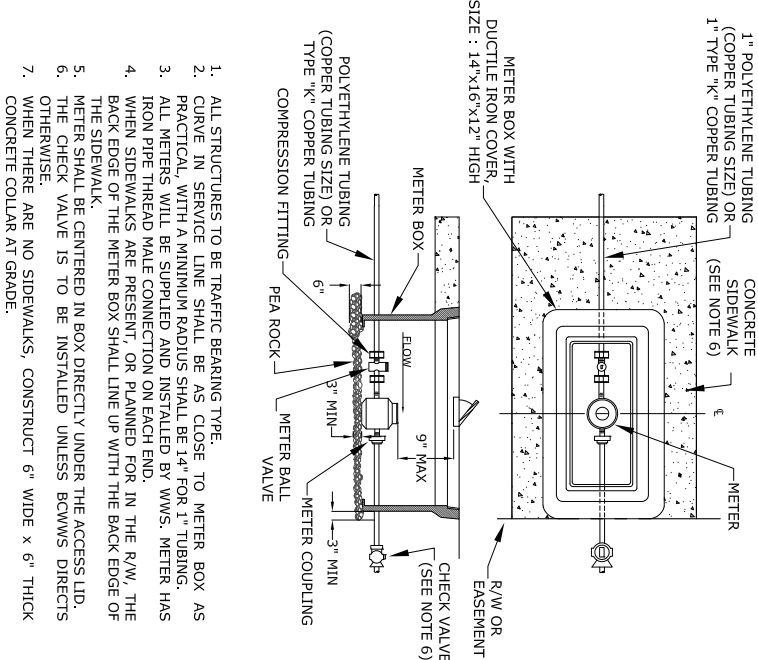
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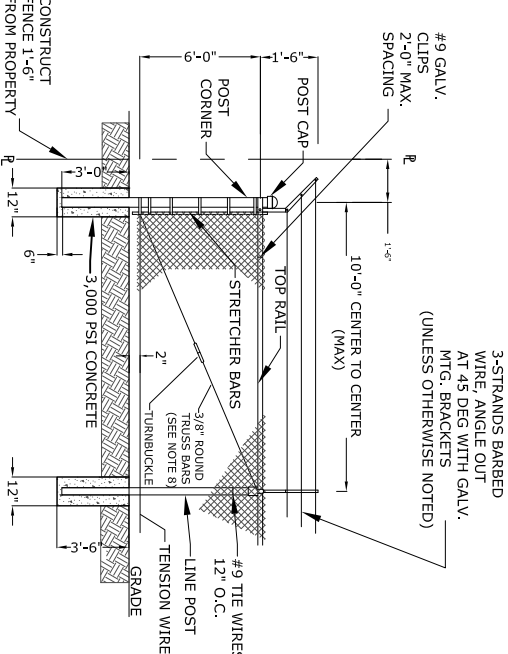


NOTE: SHOP DRAWING SUBMITTAL REQD

PUMP PLATFORM
DETAIL
NTS

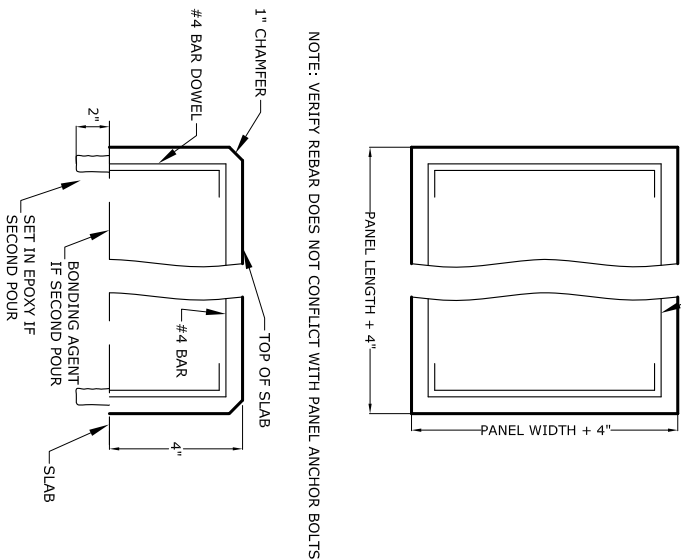


1" METER
DETAIL
NTS

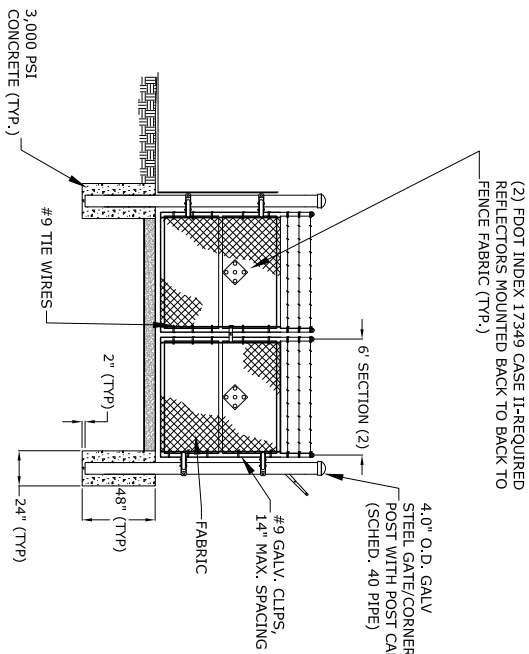


- NOTES:
1. FABRIC: No 9 GALV STEEL WIRE, 2" MESH, BLACK VINYL COATED.
 2. FABRIC TIES: No 9 GALV STEEL WIRE SPACED 12" APART ON POST AND 24" APART ON RAILS.
 3. CORNER POST: 3" OUTSIDE DIAMETER PIPE, 5.79 #/FT. LINE POST: 2 1/2" OUTSIDE DIAMETER PIPE, 5.79 #/FT - SCH 40. TOP RAIL: 1 3/8" OUTSIDE DIAMETER PIPE, 2.27 #/FT. NUTS, BOLTS & SCREWS: SHALL BE OF GALVANIZED STEEL, MIN SIZE 3/8" DIAMETER. POSTS WILL BE BLACK VINYL COATED.
 4. BOTTOM WIRE: COIL SPRING WIRE 7 GA.
 5. TRUSS BARS ARE REQUIRED FOR THE FIRST SPAN ON EACH SIDE OF A CORNER POST OR GATE SECTION.
 6. ALL FENCING MATERIALS: TO BE HOT DIPPED GALVANIZED.

CHAIN-LINK FENCE
DETAIL
NTS

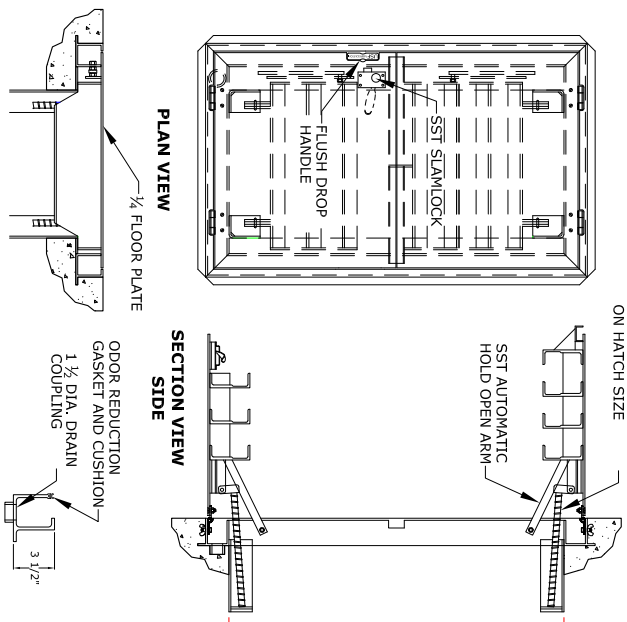


ELECTRICAL PANEL SLAB
DETAIL
NTS



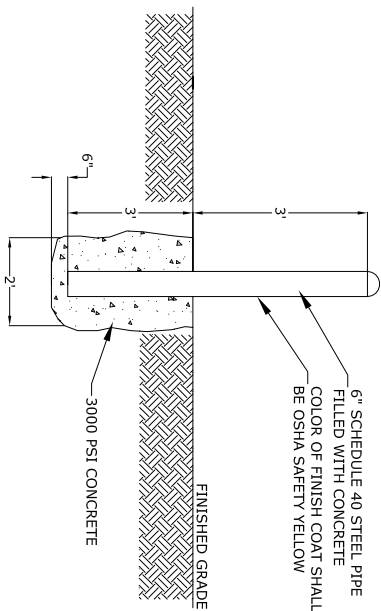
- NOTES:
1. GATE SECTIONS SHALL BE HORIZONTALLY CROSS-BRACED AT THE MIDPOINT WITH 1.660" DIA. SCHEDULE 40 STEEL PIPE.
 2. 3-BARB WIRE STRANDS W/GALV. BRACKETS, SET VERTICAL OVER GATE.
 3. GATE POST: 4" OUTSIDE DIAMETER PIPE, 9.1 #/FT.

12' SWING GATE
DETAIL
NTS

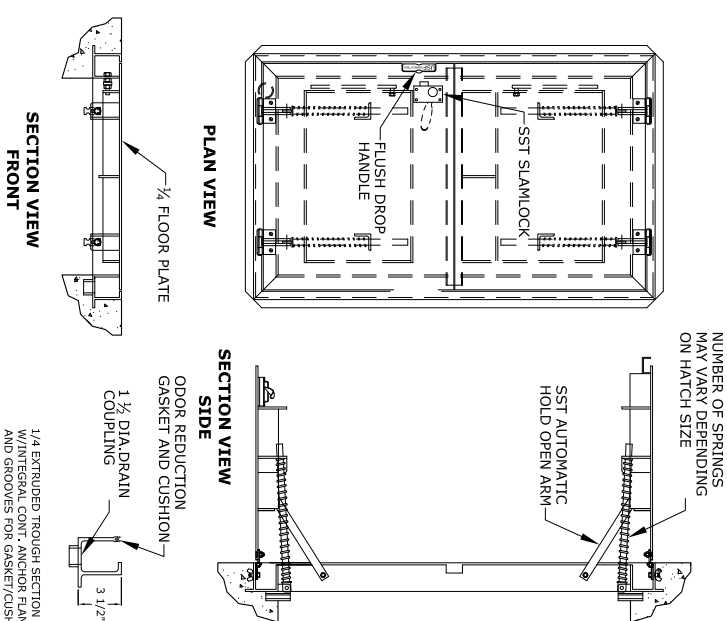


NOTE: ALL STRUCTURES LOCATED IN THE RIGHT-OF-WAY MUST USE THIS COVER UNLESS BCOWS DIRECTS OTHERWISE.

TROUGH FRAME, HEAVY-DUTY, DOUBLE
ACCESS DOOR COVER (THD)
DETAIL
NTS



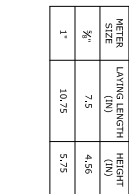
BOLLARD
DETAIL
NTS



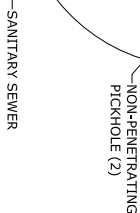
NOTE: ALL STRUCTURES LOCATED IN EASEMENTS MUST USE THIS COVER UNLESS BCOWS DIRECTS OTHERWISE.

TROUGH FRAME, PEDESTRIAN, DOUBLE
ACCESS DOOR COVER (TPD)
DETAIL
NTS

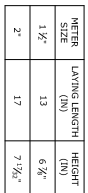
BROWARD COUNTY FLORIDA DEPARTMENT OF PUBLIC WORKS WATER & WASTEWATER SERVICES ENGINEERING DIVISION 3000 N. STATE ROAD 7 PO BOX 1000 FORT LAUDERDALE, FL 33309 PHONE NO. 954-831-0745 FAX: 954-831-0925	
CONFIDENTIAL Broward County-WWS Document NOT FOR PUBLIC DISCLOSURE In Accordance with: FS Chapter 281.301 FS Chapter 119.071(3)(b) FS Chapter 153	
PERMIT SET THIS IS AN SET OF DRAWINGS FOR CONSTRUCTION. ALL MATERIALS USED AND INSTALLATIONS MADE WITHIN THE PUBLIC ROW OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS OF THE BROWARD COUNTY ENGINEERING DIVISION. INSPECTION REQUIRED 24 HRS PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT THE BROWARD COUNTY ENGINEERING DIVISION FOR INSPECTION. CONTACT THE BROWARD COUNTY ENGINEERING DIVISION FOR INSPECTION. CONTACT THE BROWARD COUNTY ENGINEERING DIVISION FOR INSPECTION.	
NOTE: APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY KIND. THE BROWARD COUNTY ENGINEERING DIVISION IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PLAN. THE BROWARD COUNTY ENGINEERING DIVISION IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PLAN.	
HIGHWAY CONSTRUCTION & ENGINEERING DIV PLAN REQUIREMENTS & MATERIALS FOR PAVING, GRADING AND DRAINAGE B1: _____ DATE: _____ DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKINGS & SIGNS	
PROJECT NAME: LIFT STATION REHABILITATION AND REPAIR	
PROJECT NO. 8620	
BID NO.	
David J. O'Connor 5/12/17 FLORIDA P.E. No. 18502 DATE DESIGN: DJO DRAWN: JJC CHECK: DJO DATE: _____ REVISION DESCRIPTION: _____	
DRAWING NAME: STANDARD DETAILS	
SCALE:	DWG NO:
DESIGNATION: M-4	



DETAIL
NTS



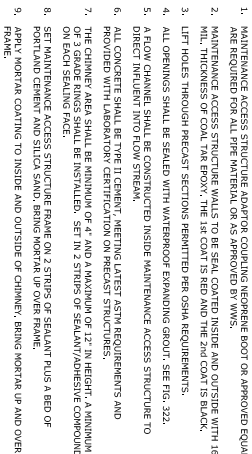
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NTS



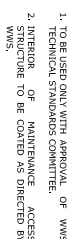
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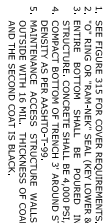
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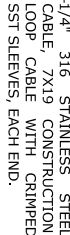
DETAIL
NTS



DETAIL
NTS



DETAIL
NTS



DETAIL
NTS

MUST BE SITE SPECIFIC - PERMIT SEEING CONSTRUCTION MATERIALS
ALL MATERIALS USED AND INSTALLATIONS MADE WITHIN THE PUBLIC R/W OF EXISTENTS SHALL BE IN COMPLIANCE WITH THE CITY OF BROWARD COUNTY SPECIFICATIONS. APPROVAL REQUIRED 24 HRS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC R/W. CONTACT THE BOICED AT **NOTICE** APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION A PERMIT FOR CONSTRUCTION REQUIRED FOR CONSTRUCTION IN THE PUBLIC R/W. COMMENCING CONSTRUCTION IN THE PUBLIC R/W.

BROWARD COUNTY PUBLIC WORKS DEPT
HIGHWAY CONSTRUCTION & ENGINEERING DIV

☐ PLAN CONSISTENT WITH
FOR REQUIREMENTS

☐ APPROVAL FOR
PAVING, GRADING AND DRAINAGE

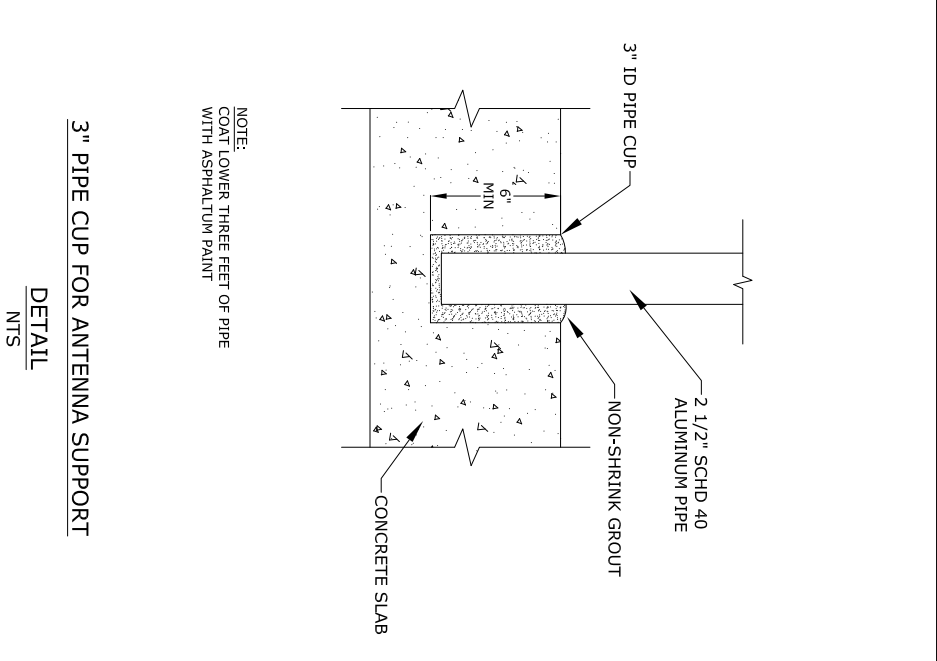
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BY: _____

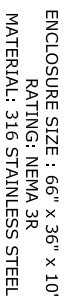
_____ DOES NOT INCLUDE APPROVAL OF
OR PAYMENT THEREFOR, OR SIGNING

PROJECT NAME: LIFT STATION REHABILITATION AND REPAIR	
PROJECT NO.	8620
BID NO.	

		David J. O'Connor 5/11/17 FLORIDA P.E. NO. 18302 DATE	
		DESIGN: DJO DRAWN: JJC CHECK: DJO	DATE:
DRAWING NAME: STANDARD DETAILS		REVISION DESCRIPTION:	
SCALE:	DWG NO:	DESIGNATION: M-6	



BROWARD COUNTY					
F L O R I D A					
DEPARTMENT OF PUBLIC WORKS WATER & WASTEWATER SERVICES ENGINEERING DIVISION 2555 WEST COPPIN ROAD POMPANOA BEACH, FL 33069 PHONE NO. 954-831-0745 FAX: 954-831-0925					
CONFIDENTIAL					
Broward County-WWS Document NOT FOR PUBLIC DISCLOSURE In accordance with: FS Chapter 281.3(1) FS Chapter 115.07(1)(b)					
MUST BE ON SITE AT PERMIT SET DATE _____ MATERIALS: ALL MATERIALS USED IN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PUBLIC ROW SPECIFICATIONS AND INSTALLATIONS INSPECTION REQUIRED 24 HRS PRIOR TO COMMENCING ANY TYPE OF CONSTRUCTION. INSPECTION REQUIRED FOR INSPECTION CONTACT THE OFFICE AT 954-977-4690 FOR INSPECTION.					
PROJECT NAME: PROJECT NO. 8620					
LIFT STATION REHABILITATION AND REPAIR					
MUST BE OBTAINED FROM THE BICHEL PRIOR TO CONSTRUCTION. CONTRACTORS MUST PROVIDE EVIDENCE THAT THEY HAVE BEEN TRAINED BY BICHEL OR ANOTHER QUALIFIED PERSONNEL TO CONDUCT THIS TYPE OF WORK. HIGHWAY CONSTRUCTION & ENGINEERING DIV PLAN REQUIREMENTS WITH: ☐ PLAN CONSISTENT WITH ☐ PAVING, GRADING AND DRAINAGE BY: _____ DATE: _____ *DOES NOT INCLUDE APPROVAL OF FUTURE MAINTENANCE & STORES*					
DRAWING NAME: STANDARD DETAILS DWG NO.: M-7					
DESIGNATION: David J. O'Connor 5/12/17					
FLORIDA P.E. No. 18502 DATE					
DESIGN: DJO DRAWN: JJC CHECK: DJO					
DATE: REVISION DESCRIPTION:					
SEAL					



DUPLEX CONTROL PANEL LAYOUT

ELECTRICAL INPUT CONNECTION BLOCK



FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH THE
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

[illegible]

SEAL

DRAWING NAME:

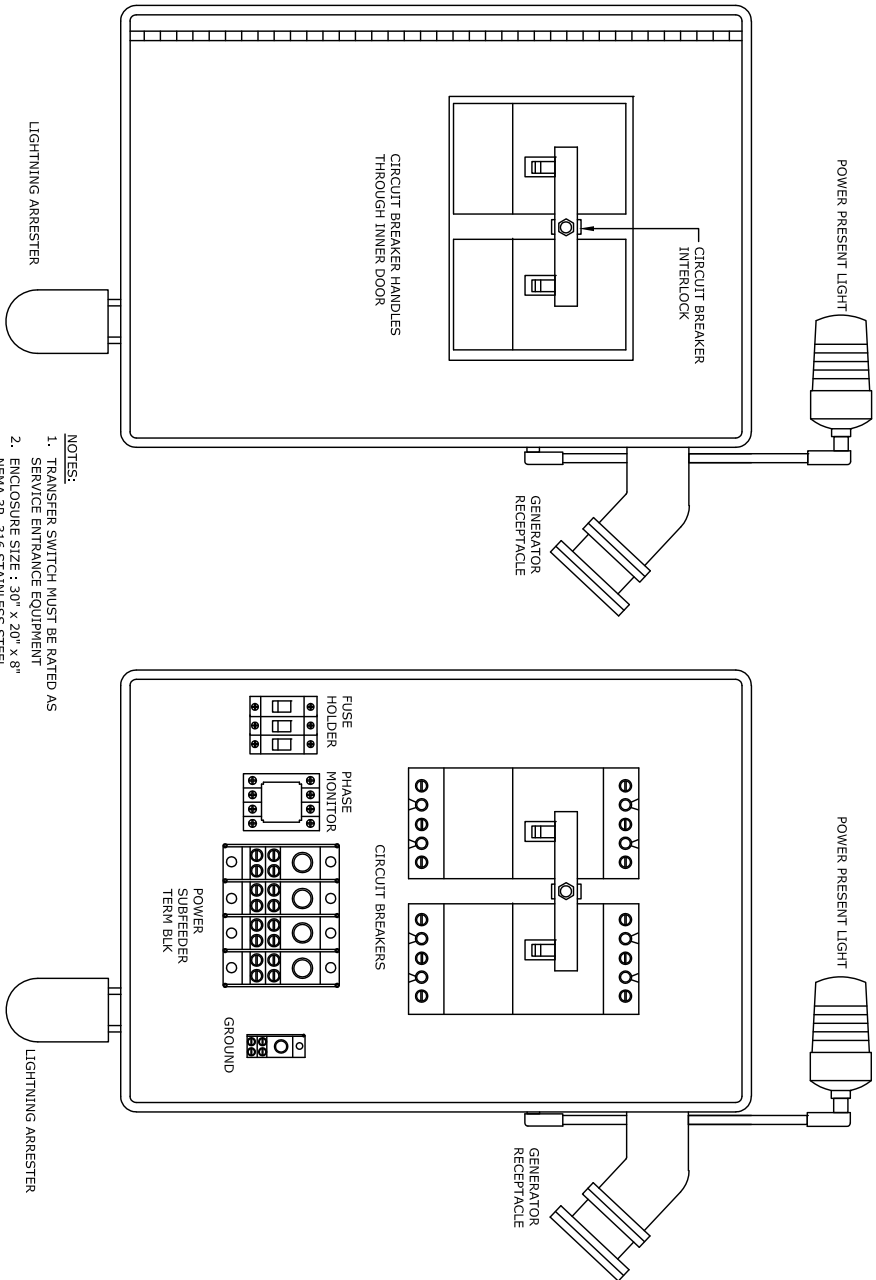
DUPLEX CONTROL PANEL

SCALE:

No:

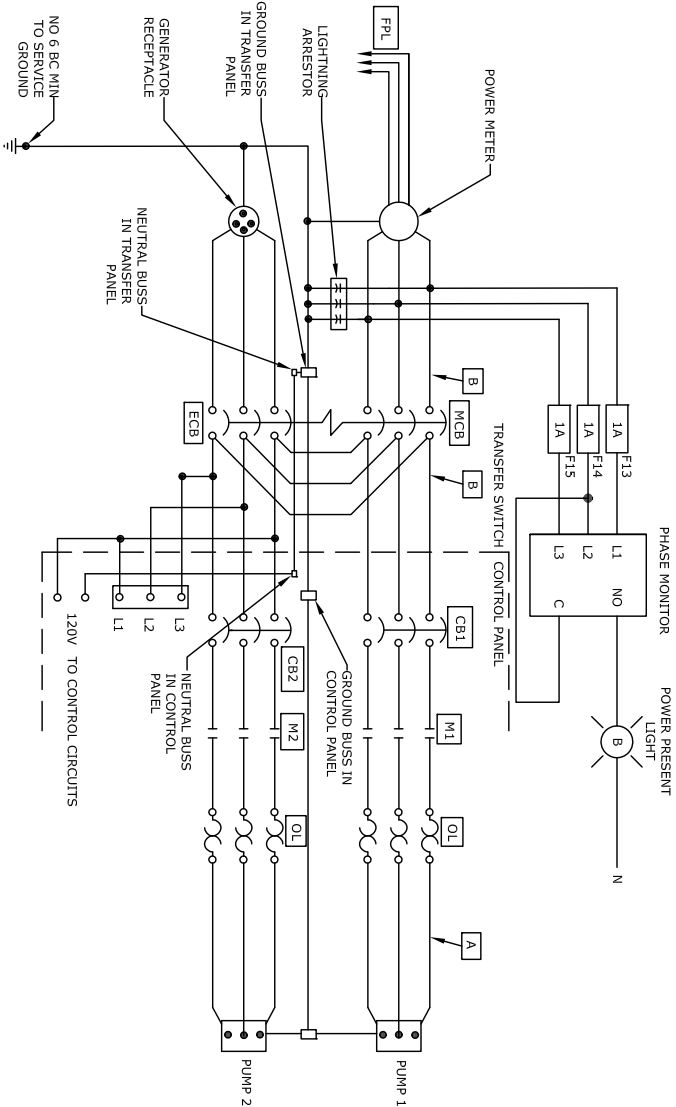
DESIGNATION:

LAST SAVED: 05/11/17 - 11:03AM



- NOTES:
1. TRANSFER SWITCH MUST BE RATED AS SERVICE ENTRANCE EQUIPMENT
 2. ENCLOSURE SIZE : 30" x 20" x 8" NEMA 3R, 316 STAINLESS STEEL

EMERGENCY CONNECTION/TRANSFER SWITCH



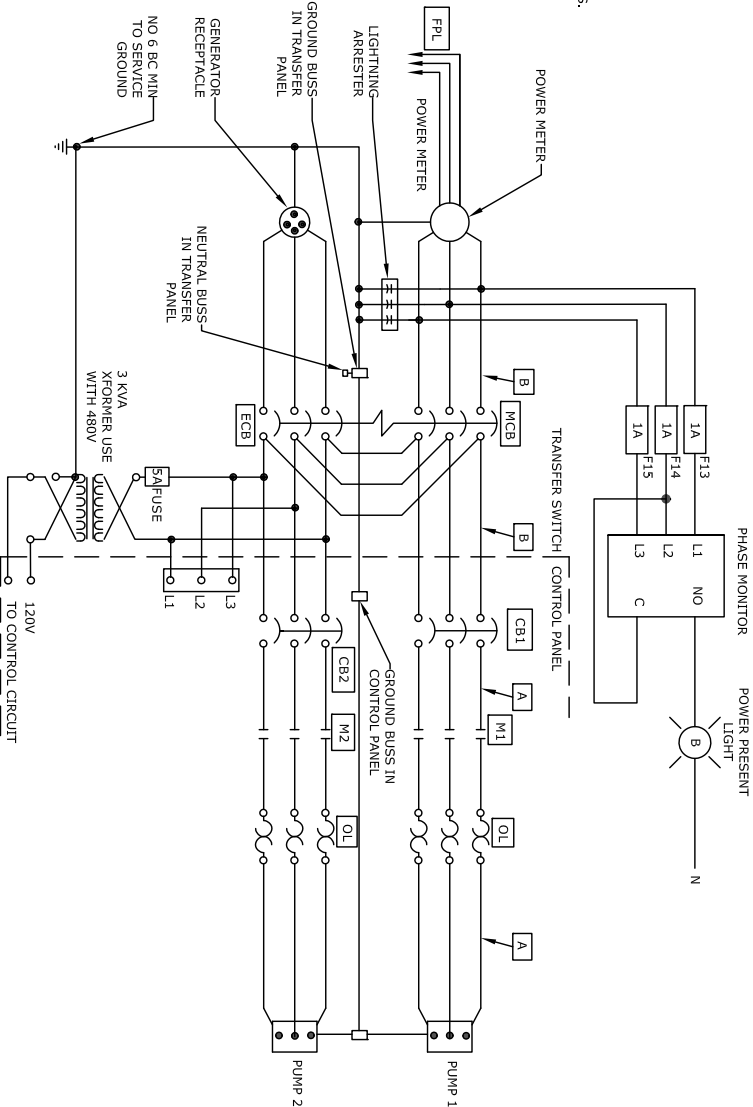
240V MAIN POWER CIRCUIT

FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

240 VOLT						
HP	MOTOR AMP (1)	STARTER SIZE	CONDUCTOR (A)	PUMP CB	MAIN/EMER CB	SERVICE RACEWAY (MIN)
3	9.6	1	12	20	100	1 (44A)
5	15.2	2	10	40	100	1 (58A)
7.5	22	2	10	50	125	1 (75A)
10	28	2	8	70	125	1 (90A)
15	42	3	6	100	175	2/0 (125A)
20	54	3	4	150	225	4/0 (155A)

480 VOLT						
HP	MOTOR AMP (1)	STARTER SIZE	CONDUCTOR (A)	PUMP CB	MAIN/EMER CB	SERVICE RACEWAY (MIN)
3	5	1	12	15	100	1 (32.5A)
5	8	1	12	15	100	1 (40A)
7.5	11	1	12	20	100	1 (47.5A)
10	14	2	12	30	100	1 (55A)
15	21	2	10	50	125	1 (72.5A)
20	27	2	10	60	125	1 (87.5A)
25	34	2	8	90	150	1/0 (105A)
30	40	3	6	100	150	1/0 (120A)
40	52	3	4	150	225	4/0 (150A)
50	65	4	4	175	250	250 KCM(182.5A)
60	77	4	3	200	300	350 KCM(212.5A)
75	96	4	1	250	300	350 KCM(260A)
100	124	4	2/0	250	350	500 KCM(300A)

- NOTE :
1. THE ABOVE TABLE COMPILED PER CURRENT NATIONAL ELECTRIC CODE SECTION 430 TABLE 430.250
 2. GROUNDING ELECTRODE SIZED PER NATIONAL ELECTRICAL CODE
 3. *GENERATOR PLUGS ARE SIZED TO MATCH THE GENERATOR'S CORD, NOT THE ELECTRICAL SERVICE.
 4. CONDUCTOR B IS A SERVICE FEEDER. SIZED FOR 2 PUMPS AT 125% OF FLA PLUS A 20 AMP GENERAL LOAD.
 5. DESIGNER TO VERIFY DATA IN THESE TABLES
 6. SERVICE RACEWAY TO BE OVERSIZED AS SHOWN TO ACCOMMODATE FUTURE EXPANSION.



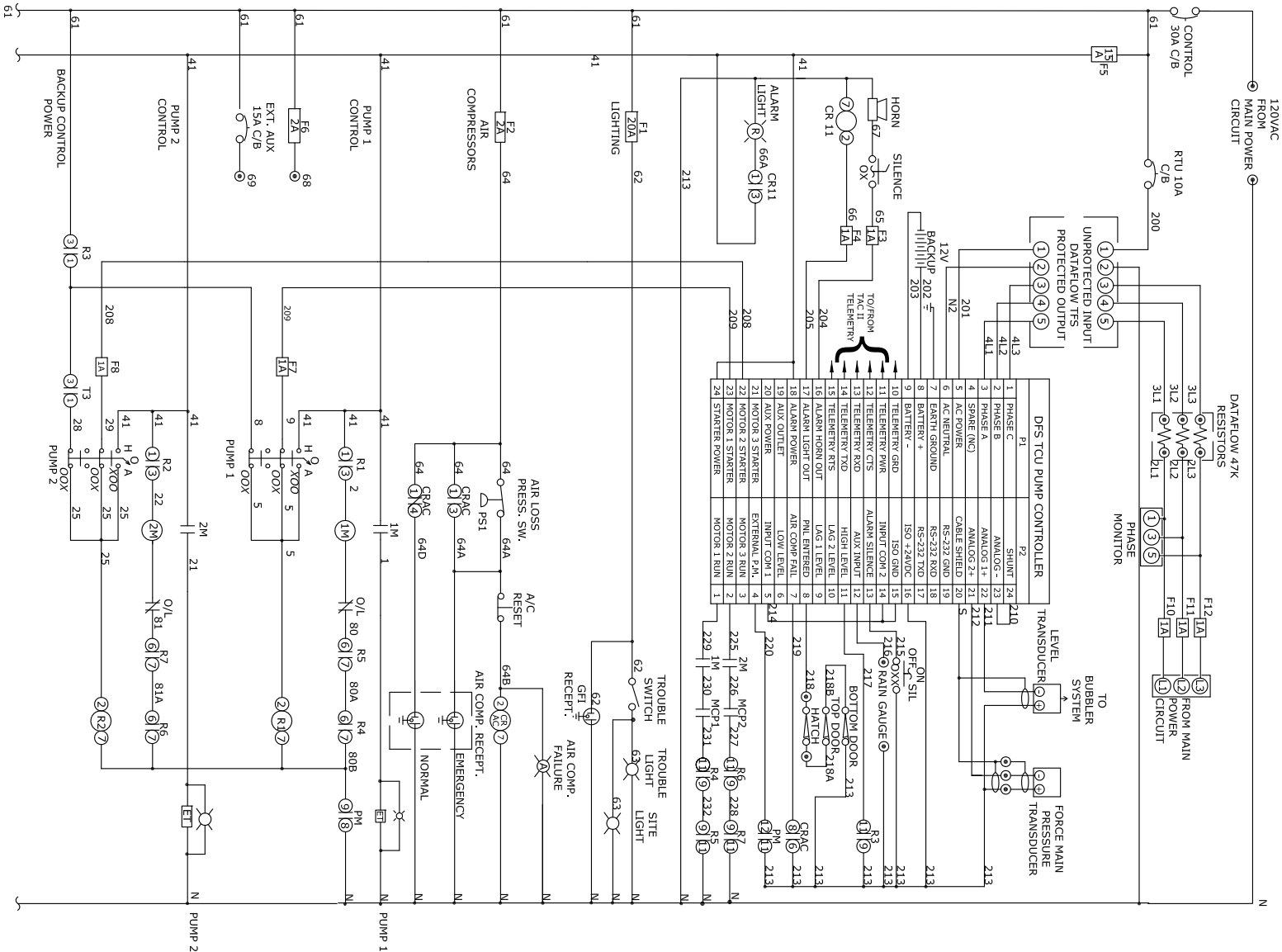
480V MAIN POWER CIRCUIT

LAST SAVED: 05/11/17 - 11:03AM

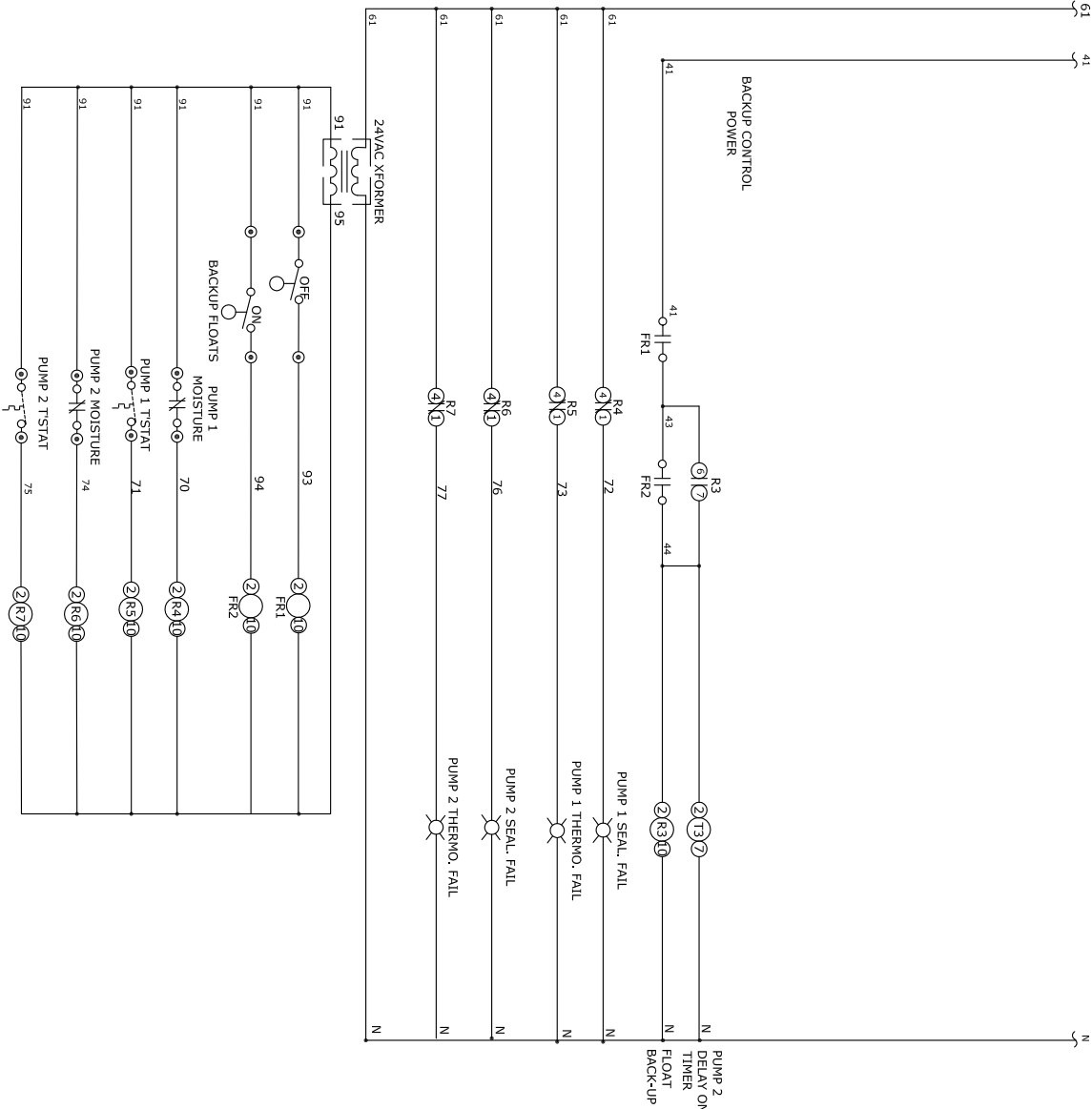
PROJECT NAME: LIFT STATION REHABILITATION AND REPAIR	PROJECT NO 8620
NOT FOR CONSTRUCTION	

SEAL

DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	
DRAWING NAME: DUPEX ELECTRICAL SERVICE AND TRANSFER SWITCH		
SCALE: AS SHOWN	DWG NO:	
DESIGNATION: E-2		



ELECTRICAL CONTROLS CIRCUIT (DUPLEX)

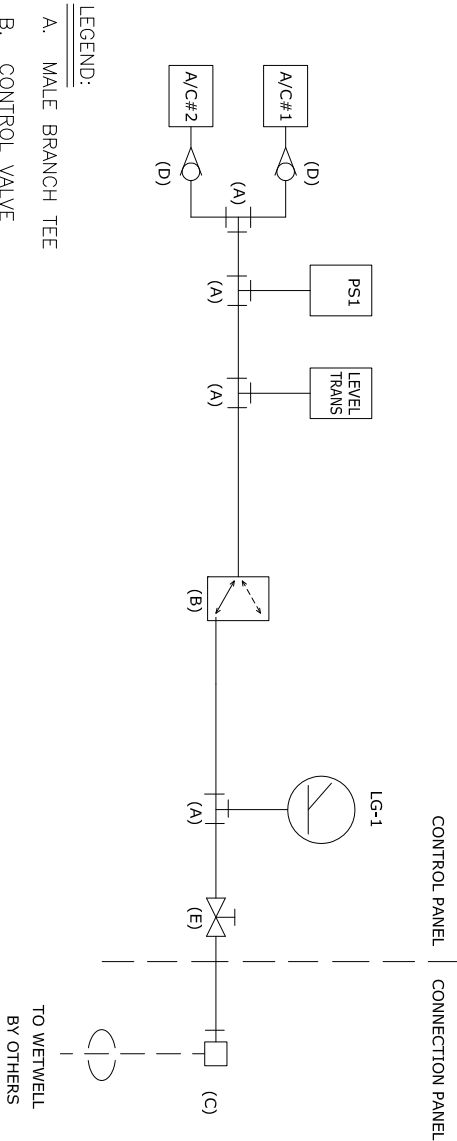


FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

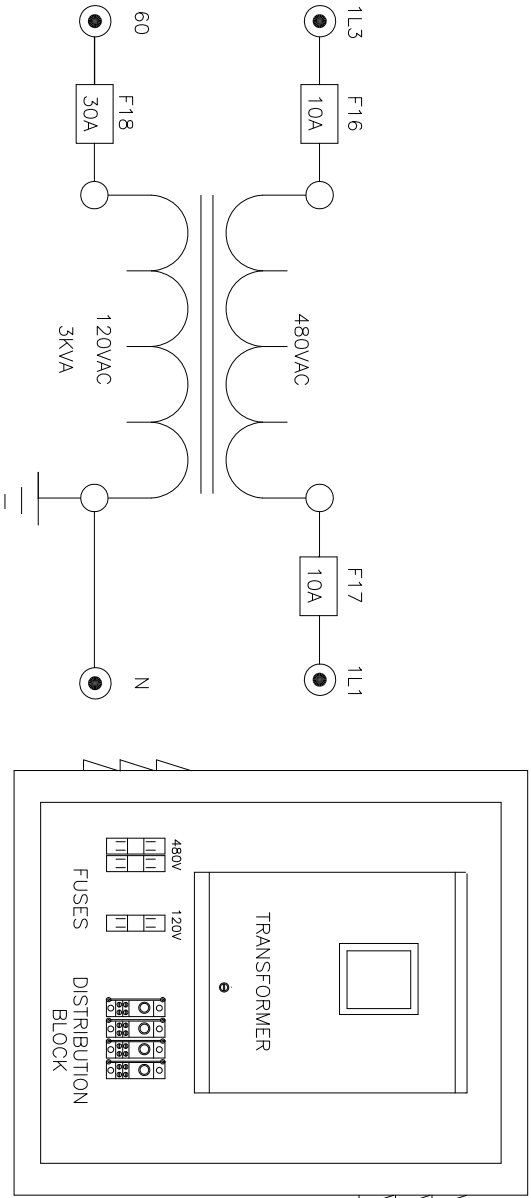


PROJECT NAME:	
LIFT STATION REHABILITATION AND REPAIR	
PROJECT NO 8620	
NOT FOR CONSTRUCTION	

DESIGN:	
DATE:	REVISION DESCRIPTION:
DRAWING NAME:	
DUPLEX CONTROLS CIRCUIT	
SCALE:	DWG NO:
AS SHOWN	
DESIGNATION:	
E-3	



BUBBLER PIPING

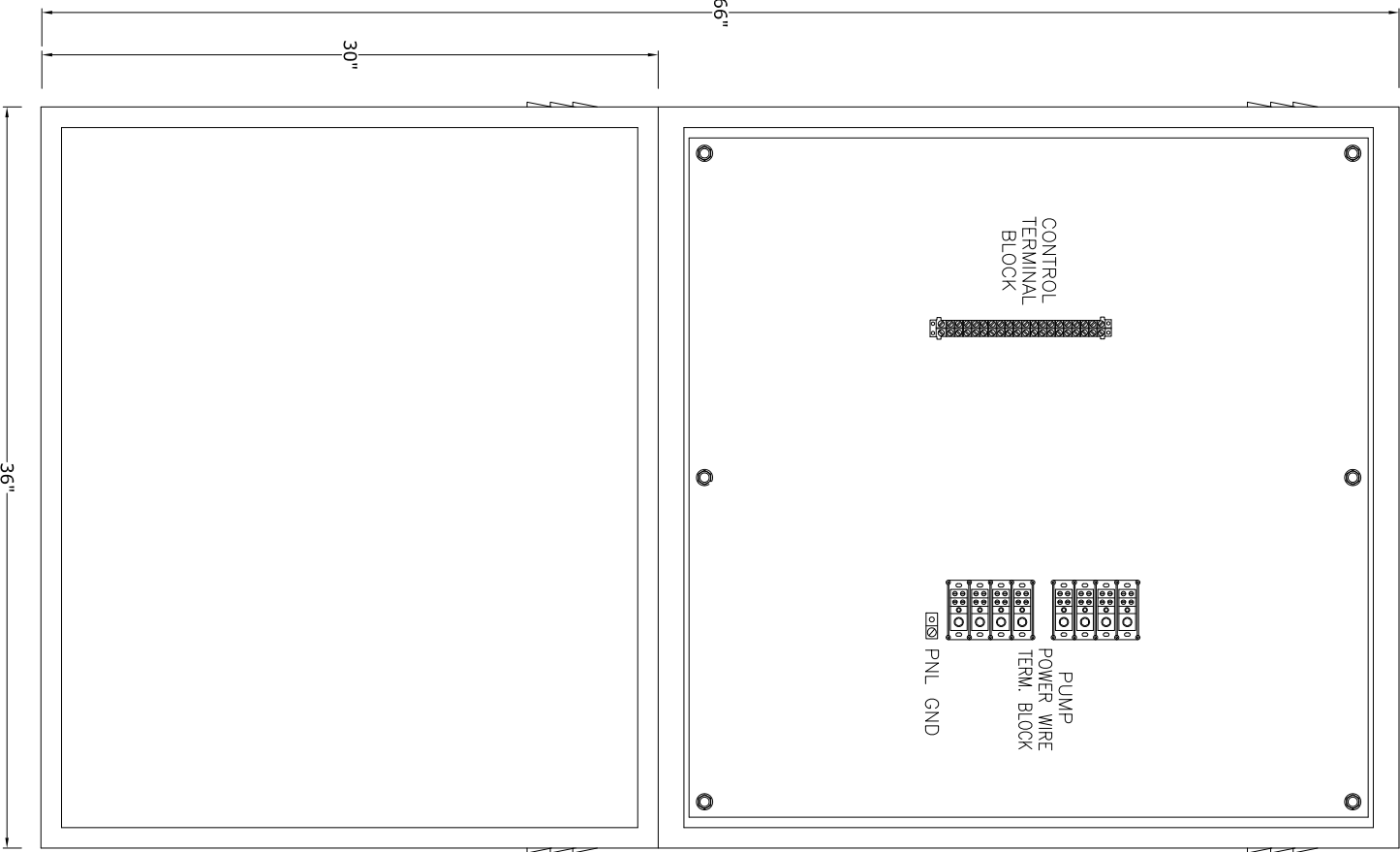


NOTES:

ENCLOSURE: 24" X 20" X 8"
NEMA 3R, 316 STAINLESS STEEL
VENTED HI/LOW FOR COOLING

CONTROL TRANSFORMER FOR 480V POWER

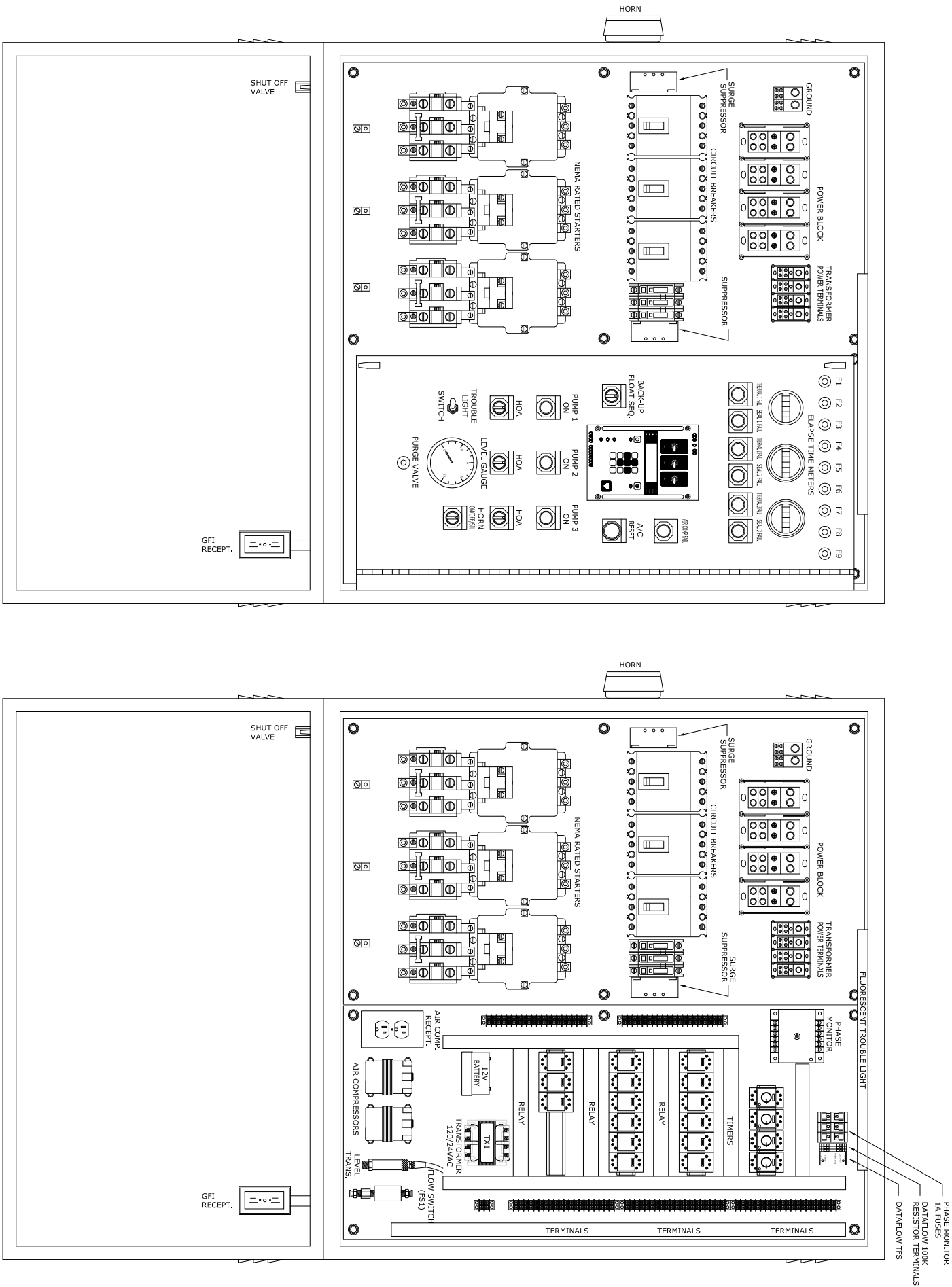
FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.



NOTES:

ENCLOSURE: 66" X 36" X 10"
NEMA 3R, 316 STAINLESS STEEL

DUPLEX CONNECTION PANEL



SEAL

NOT FOR CONSTRUCTION

SEAL

DRAWING NAME:

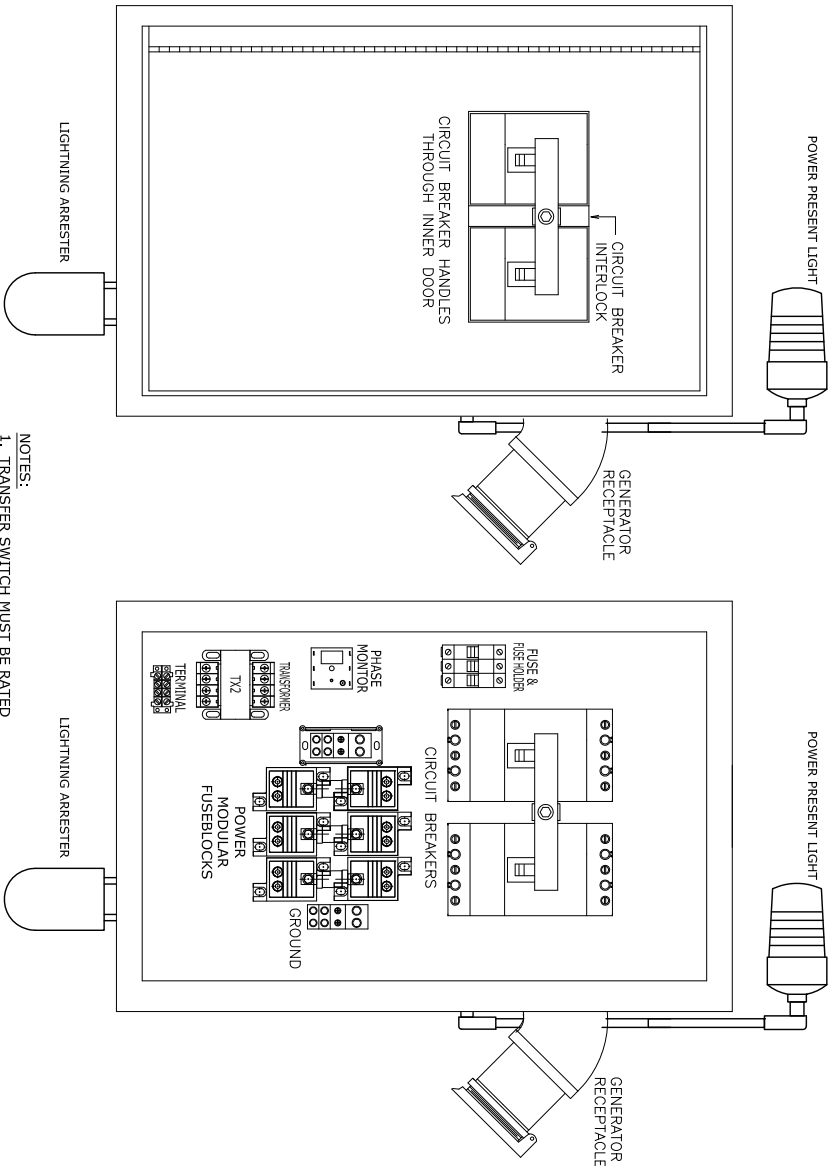
TRIPLEX CONTROL PANEL

SCALE:	DWG NO:
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AS SHOWN

DESIGNATION:

LAST SAVED: 05/11/17 - 4:24PM



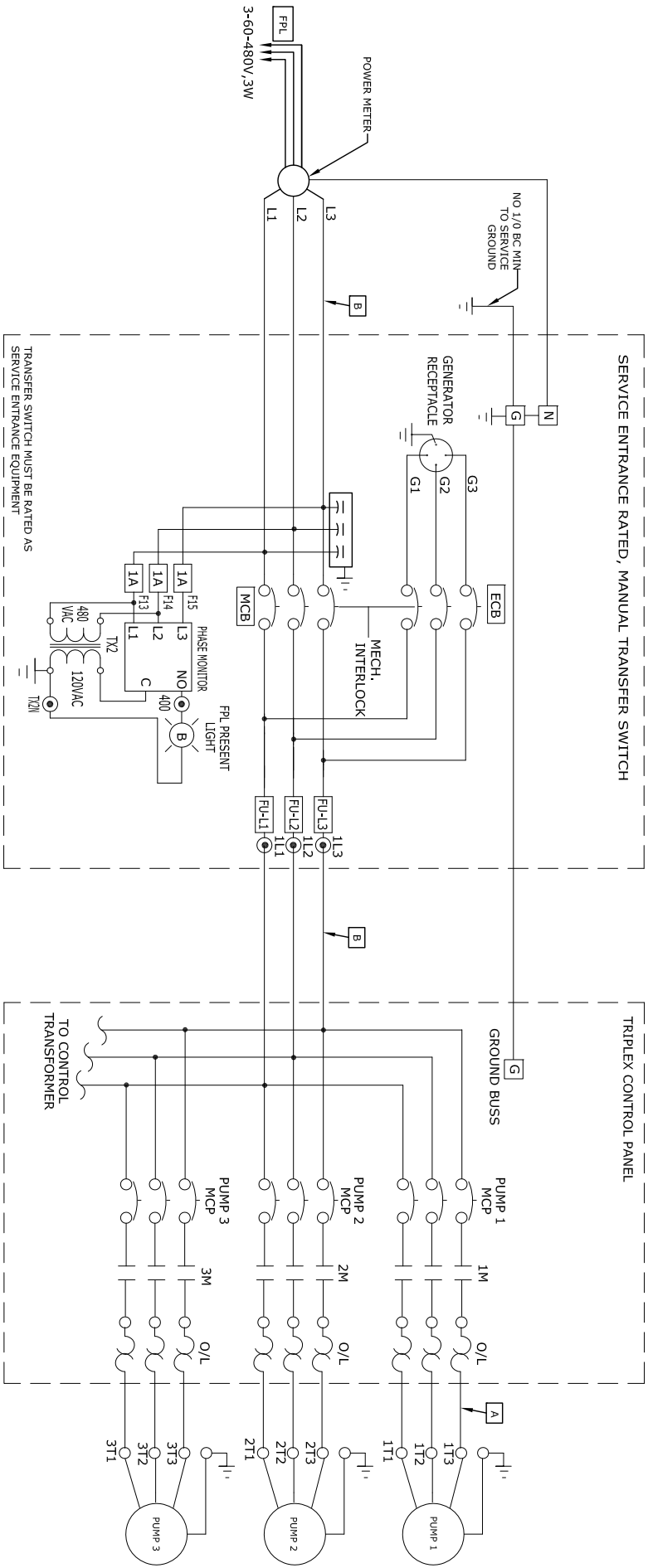
- NOTES:
- TRANSFER SWITCH MUST BE RATED AS SERVICE ENTRANCE EQUIPMENT
 - ENCLOSURE SIZE: 30" X 20" X 10" NEMA 3R, 316 STAINLESS STEEL

EMERGENCY CONNECTION/TRANSFER SWITCH
NTS

NOTE:
MCP AND ECB ARE TO BE SUITABLE TO USE AS SERVICE EQUIPMENT. TO BE PERMANENTLY IDENTIFIED AS SERVICE DISCONNECTS. TO BE CAPABLE OF BEING OPERATED WITHOUT EXPOSING OPERATOR TO CONTACT WITH LIVE PARTS. GROUND FAULT PROTECTION, 300000 IC AT 480 V.

480 VOLT							
HP	MOTOR AMP (I)	STARTER SIZE	CONDUCTOR (A)	PUMP MCP	MAIN/EMER CB	CONDUCTOR (B)	GENERATOR PLUG* SERVICE RACEWAY (MIN)
50	65	4	4	175	300	350 KCM(263.8A)	200 3"
60	77	4	4	200	350	500 KCM(308.8A)	200 4"
75	96	4	1	250	400	500 KCM(380A)	200 4"
100	124	4	2/0	250	500	2 SETS OF 250 KCM (485A)	200 2 SETS OF 3"

- NOTE :
- THE ABOVE TABLE COMPILED PER CURRENT NATIONAL ELECTRIC CODE SECTION 430 TABLE 430.250
 - GROUNDING ELECTRODE SIZED PER NATIONAL ELECTRICAL CODE
 - *GENERATOR PLUGS ARE SIZED TO MATCH THE GENERATOR'S CORD, NOT THE ELECTRICAL SERVICE.
 - CONDUCTOR B IS A SERVICE FEEDER, SIZED FOR 3 PUMPS AT 125% OF FLA PLUS A 20 AMP GENERAL LOAD.
 - DESIGNER TO VERIFY DATA IN THESE TABLES
 - SERVICE RACEWAY TO BE OVERSIZED AS SHOWN TO ACCOMMODATE FUTURE EXPANSION.



FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

PROJECT NAME:
LIFT STATION REHABILITATION
AND REPAIR

PROJECT NO 8620

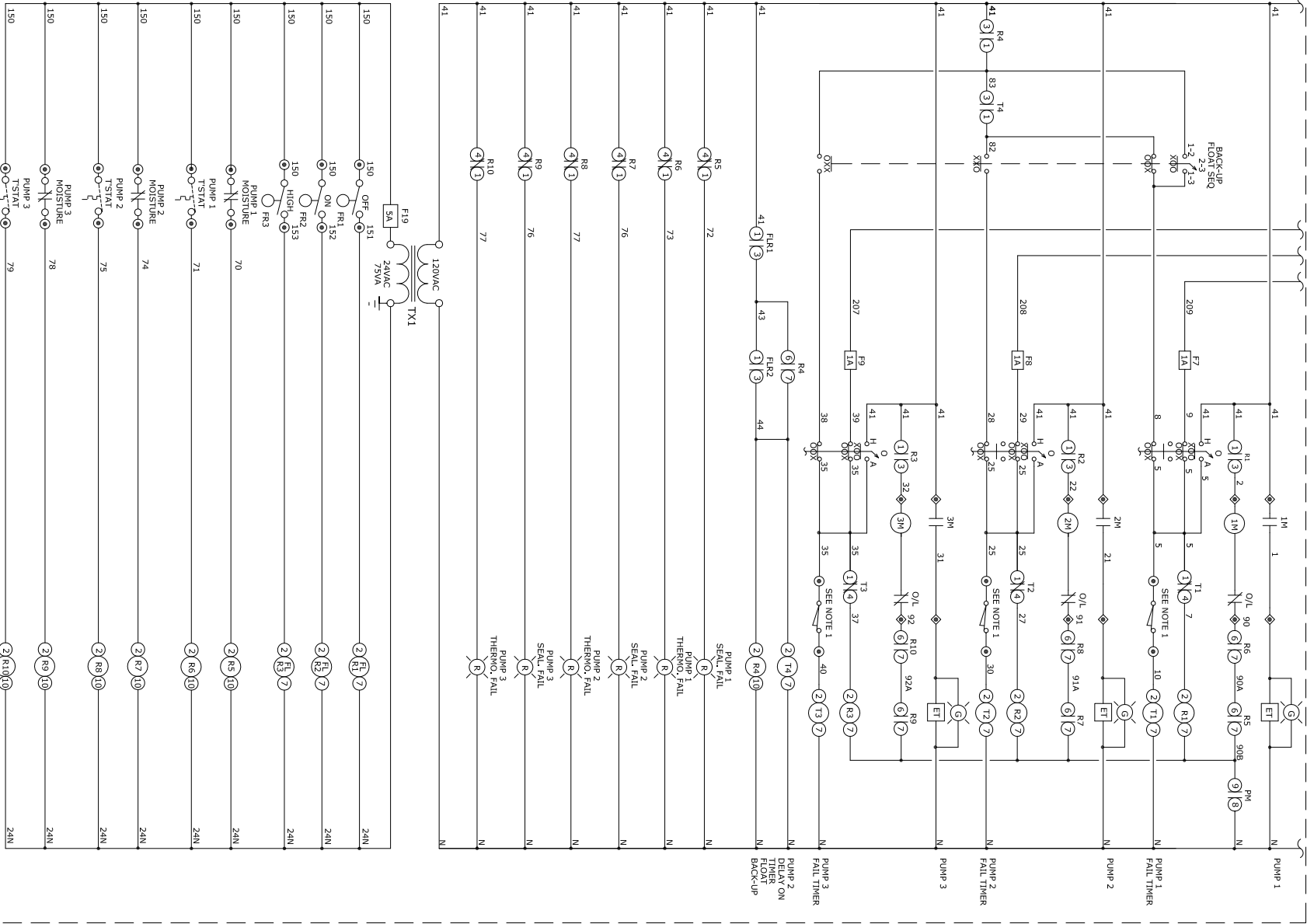
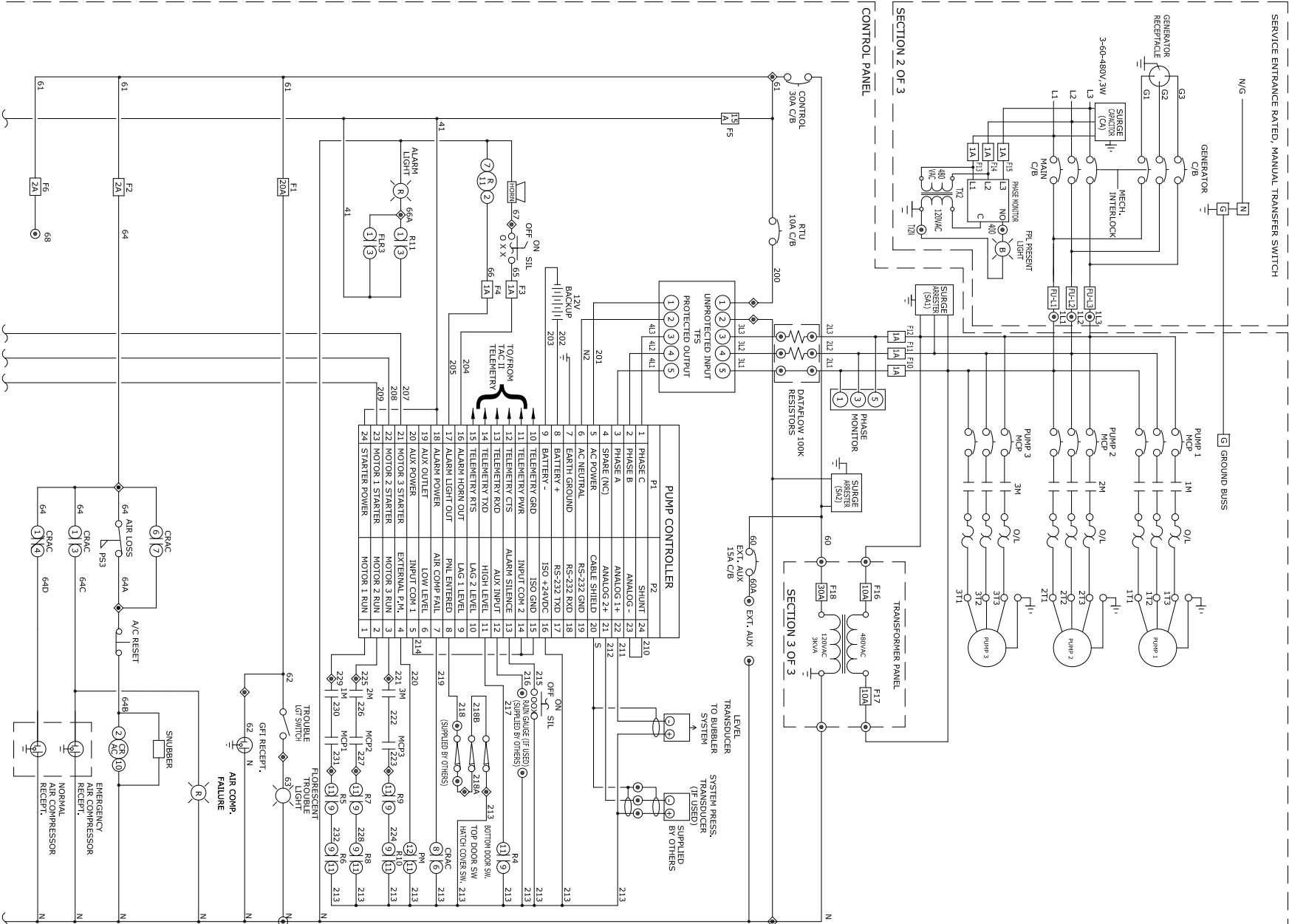
NOT FOR CONSTRUCTION

SEAL

DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	

DRAWING NAME: TRIPLEX ELECTRICAL SERVICE AND TRANSFER SWITCH	
SCALE: AS SHOWN	DWG NO:

DESIGNATION:
E-6

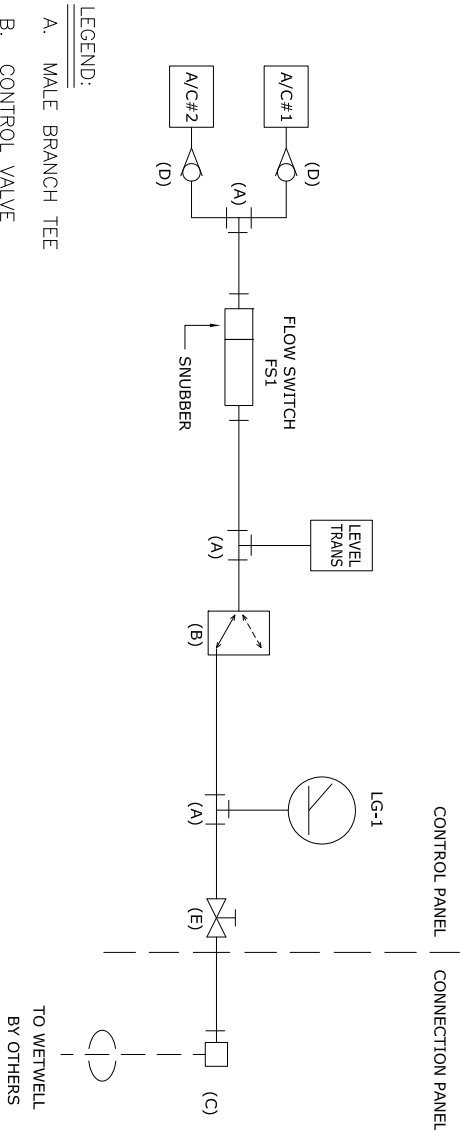


PROJECT NAME:
**LIFT STATION REHABILITATION
AND REPAIR**
PROJECT NO **8620**
NOT FOR CONSTRUCTION

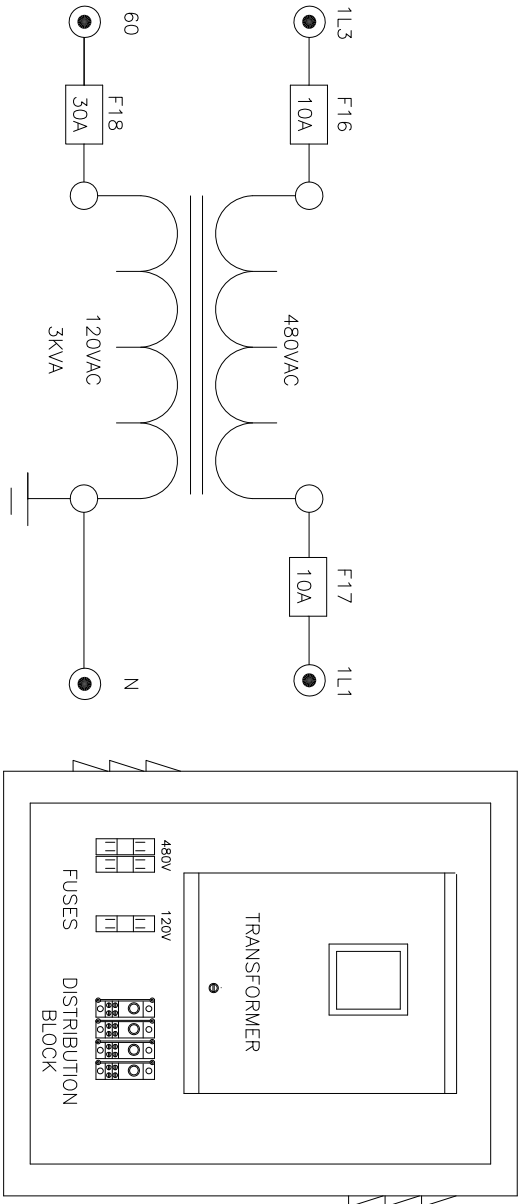
SEAL



DESIGN: [] DRAWING NAME: TRIPLEX CONTROLS CIRCUIT
DATE: [] REVISION DESCRIPTION: []
SCALE: AS SHOWN DWG NO: []
DESIGNATION: E-7



BUBBLER PIPING



NOTES:

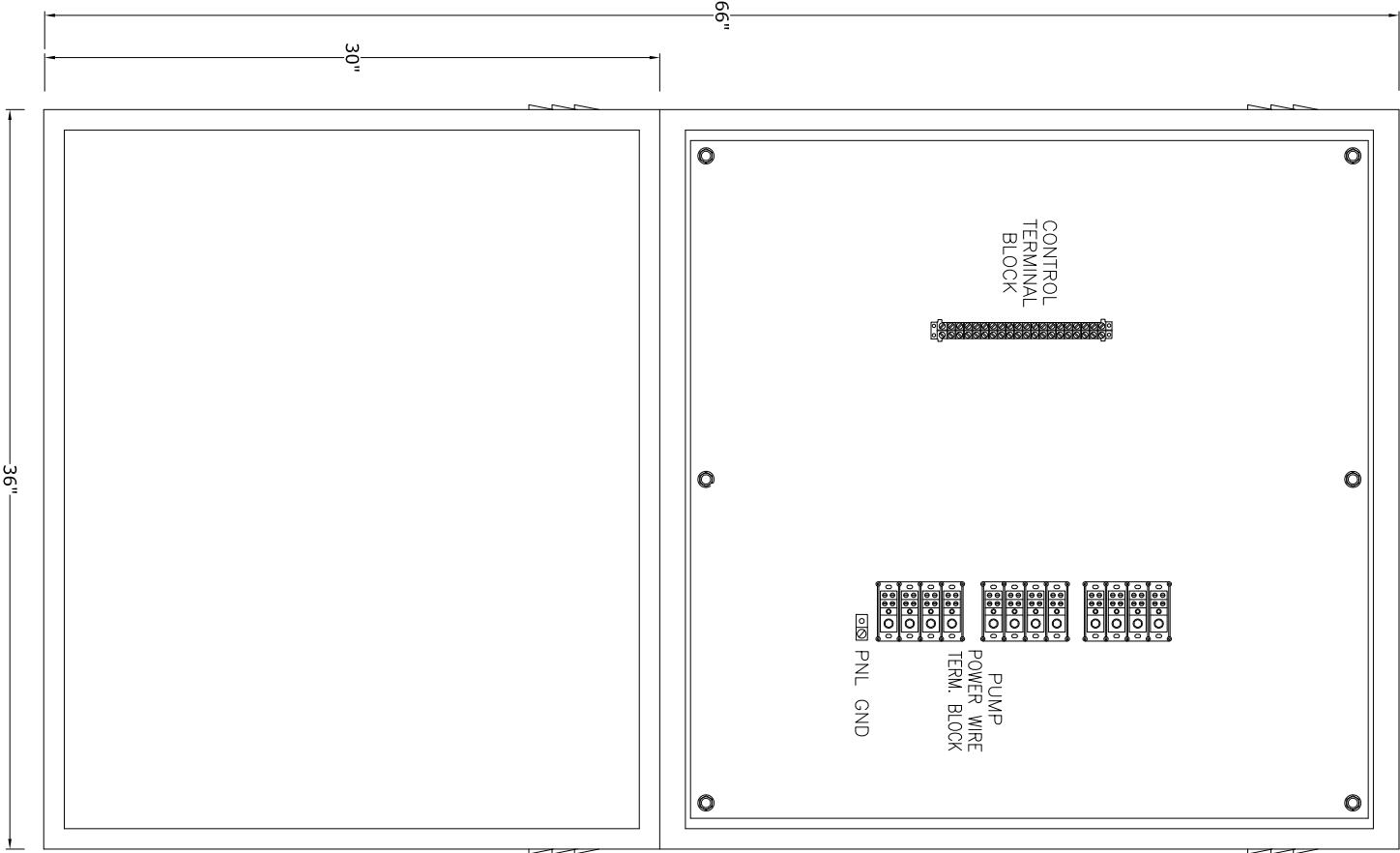
ENCLOSURE: 24" X 20" X 8"

NEMA 3R, 316 STAINLESS STEEL

VENTED HI/LOW FOR COOLING

CONTROL TRANSFORMER FOR 480V POWER

FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.



NOTES:

ENCLOSURE: 66" X 36" X 10"

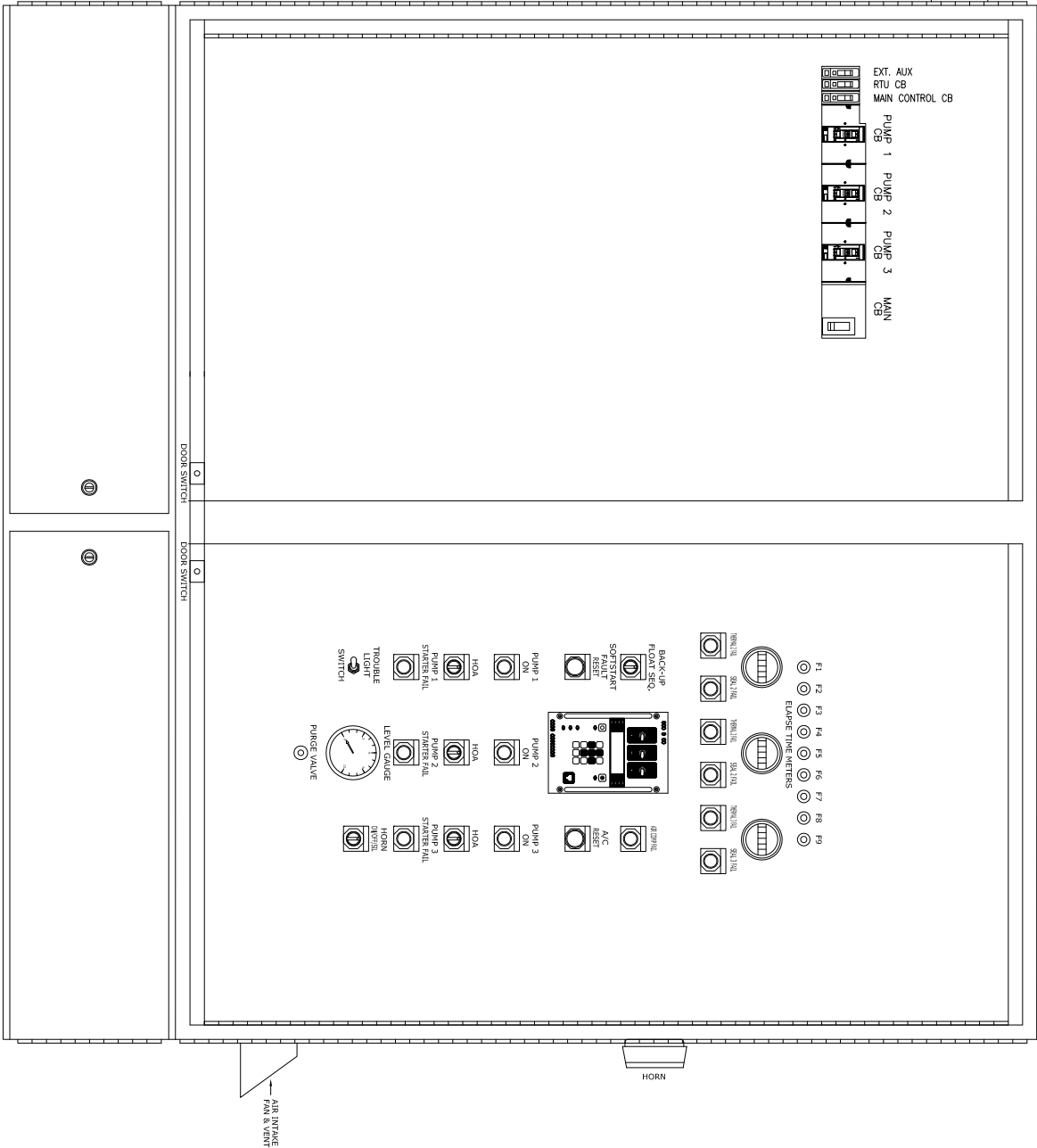
NEMA 3R, 316 STAINLESS STEEL

TRIPLEX CONNECTION PANEL

PROJECT NAME:		
LIFT STATION REHABILITATION AND REPAIR		
PROJECT NO 8620		
NOT FOR CONSTRUCTION		

DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	

DRAWING NAME: TRIPLEX CONNECTION PANEL & CONTROL TRANSFORMER	
SCALE: AS SHOWN	DWG NO.:
DESIGNATION: E-8	

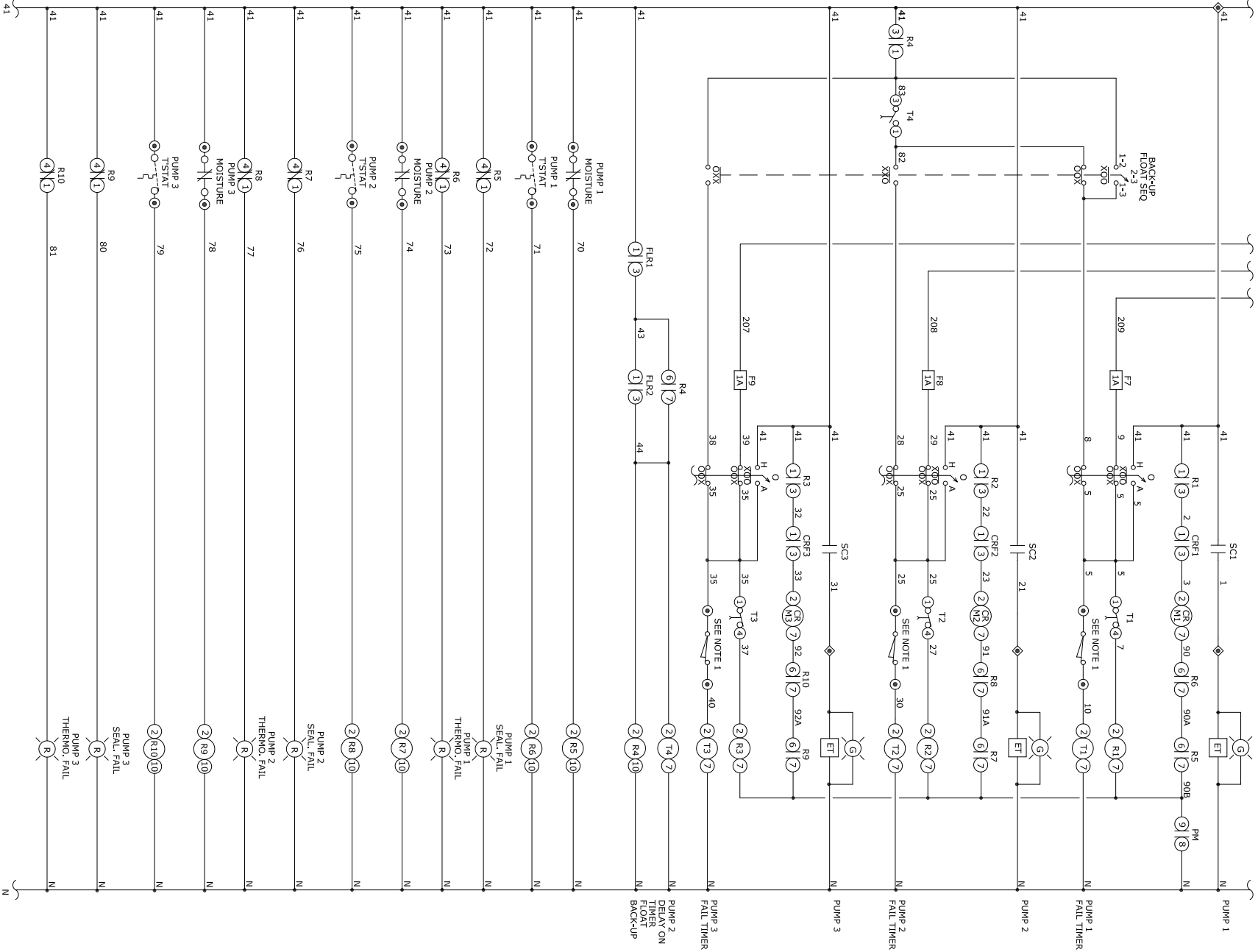
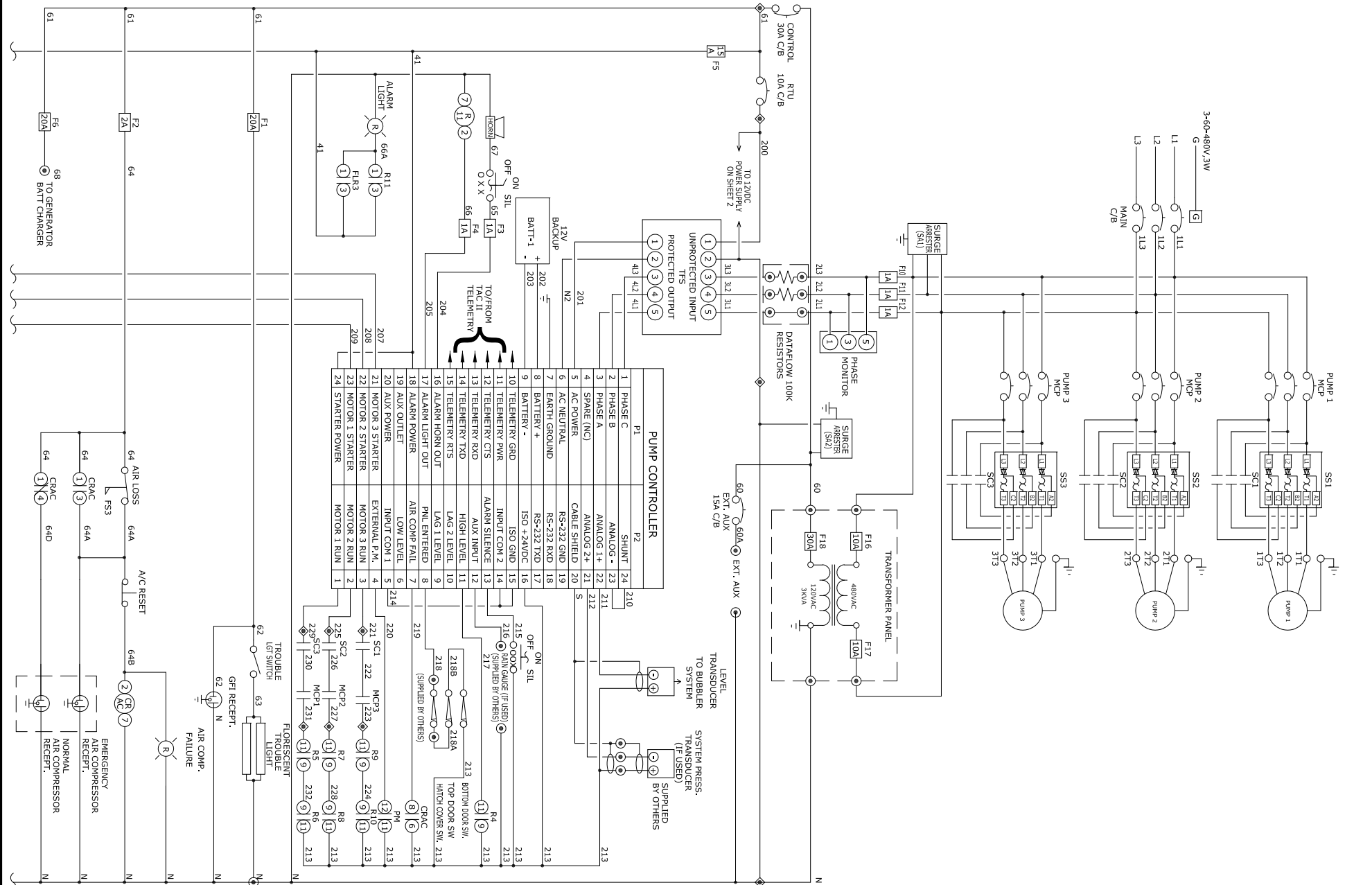


**TRIPLEX CONTROL PANEL LAYOUT
FOR LIFT STATION WITH STANDBY GENERATOR**



FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.

DRAWING NAME: TRIPLEX CONTROL PANEL FOR LIFT STA. W/ STANDBY GEN.	
SCALE: AS SHOWN	DWG NO:



FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

- NOTE:
- 1. INTERLOCK SIGNAL FROM LEVER ARM OR PUMP CURRENT TRANSFORMER VIA PLC
 - 2. FIELD DEVICE TERMINALS (FDTB)
 - 3. INTERNAL DEVICE TERMINALS (IDTB)

TRIPLEX SCHEMATIC FOR LIFT STATION WITH STANDBY GENERATOR

LAST SAVED: 05/11/17 - 4:24PM



PROJECT NAME:
LIFT STATION REHABILITATION
AND REPAIR

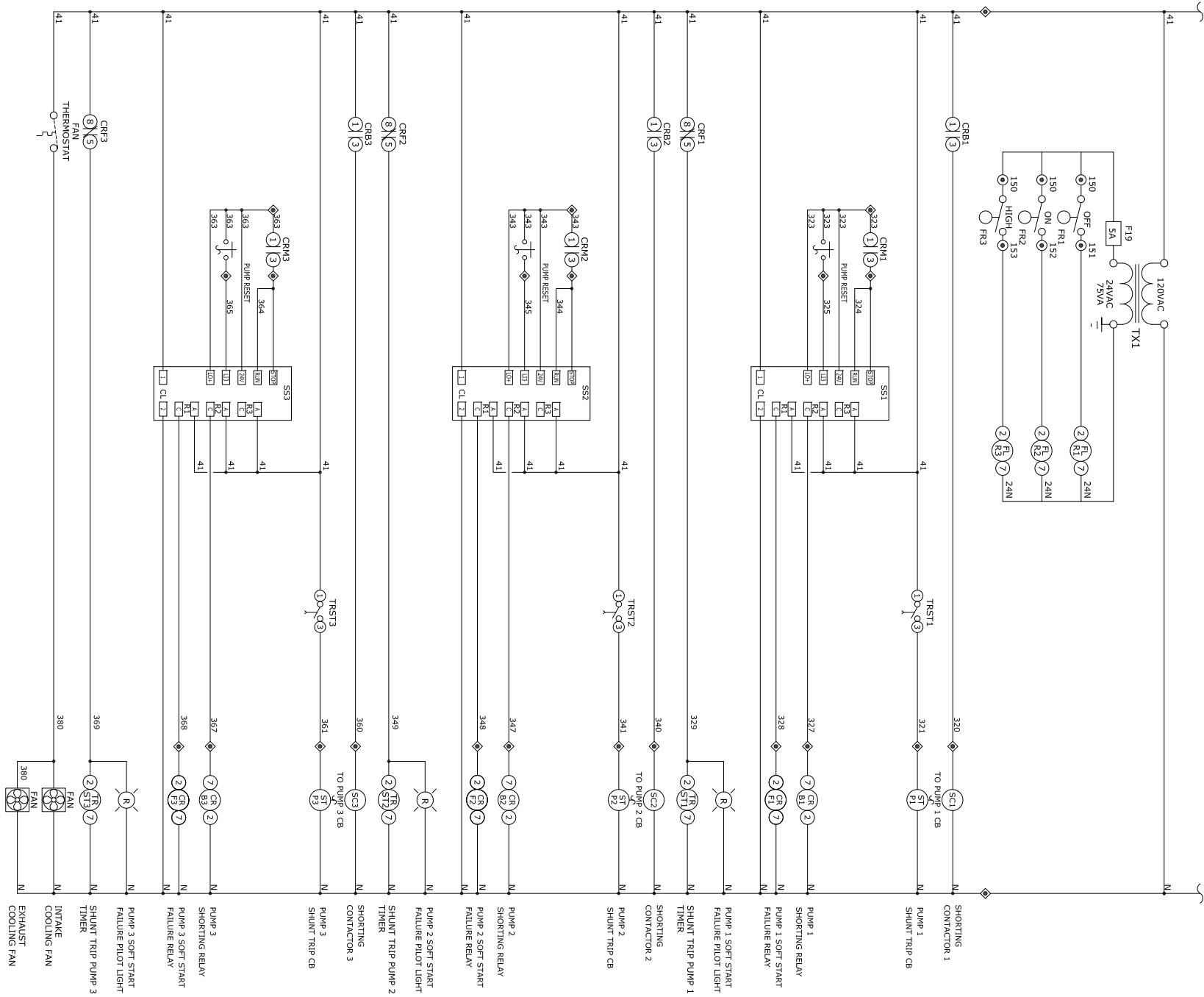
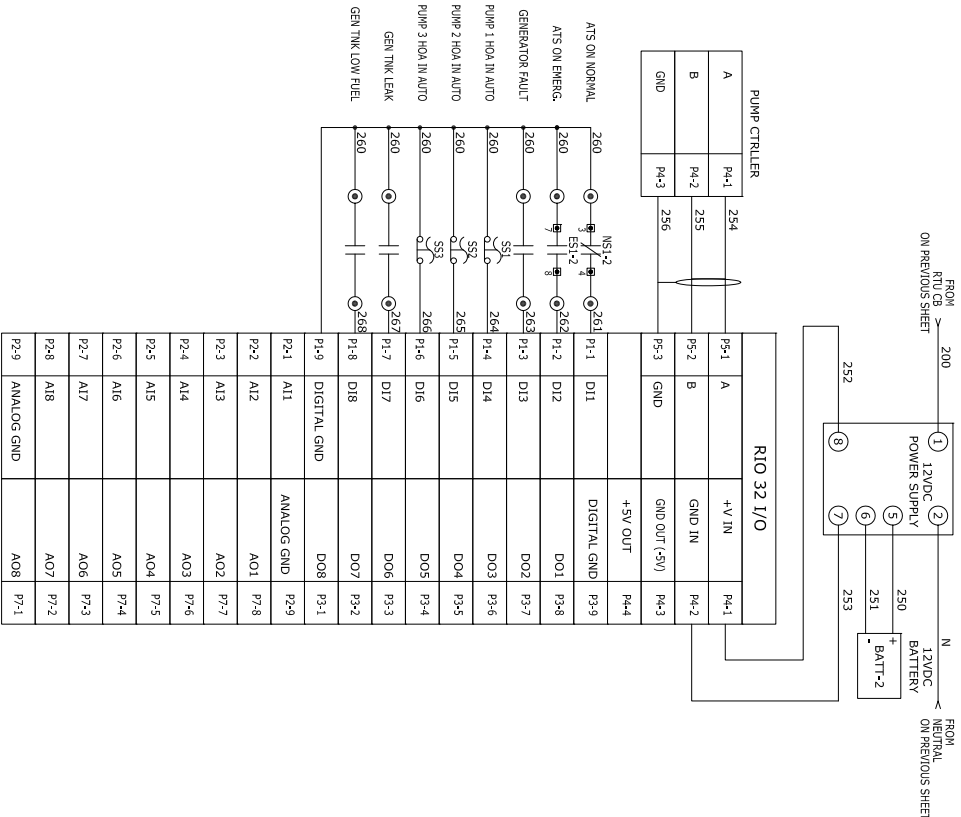
PROJECT NO 8620

NOT FOR CONSTRUCTION

SEAL

DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	

DRAWING NAME: TRIPLEX SCHEMATIC FOR LIFT STA. W/ STANDBY GEN.	DWG NO:
SCALE: AS SHOWN	
DESIGNATION: E-10	



TRIPLEX SCHEMATIC FOR LIFT STATION WITH STANDBY GENERATOR

FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.

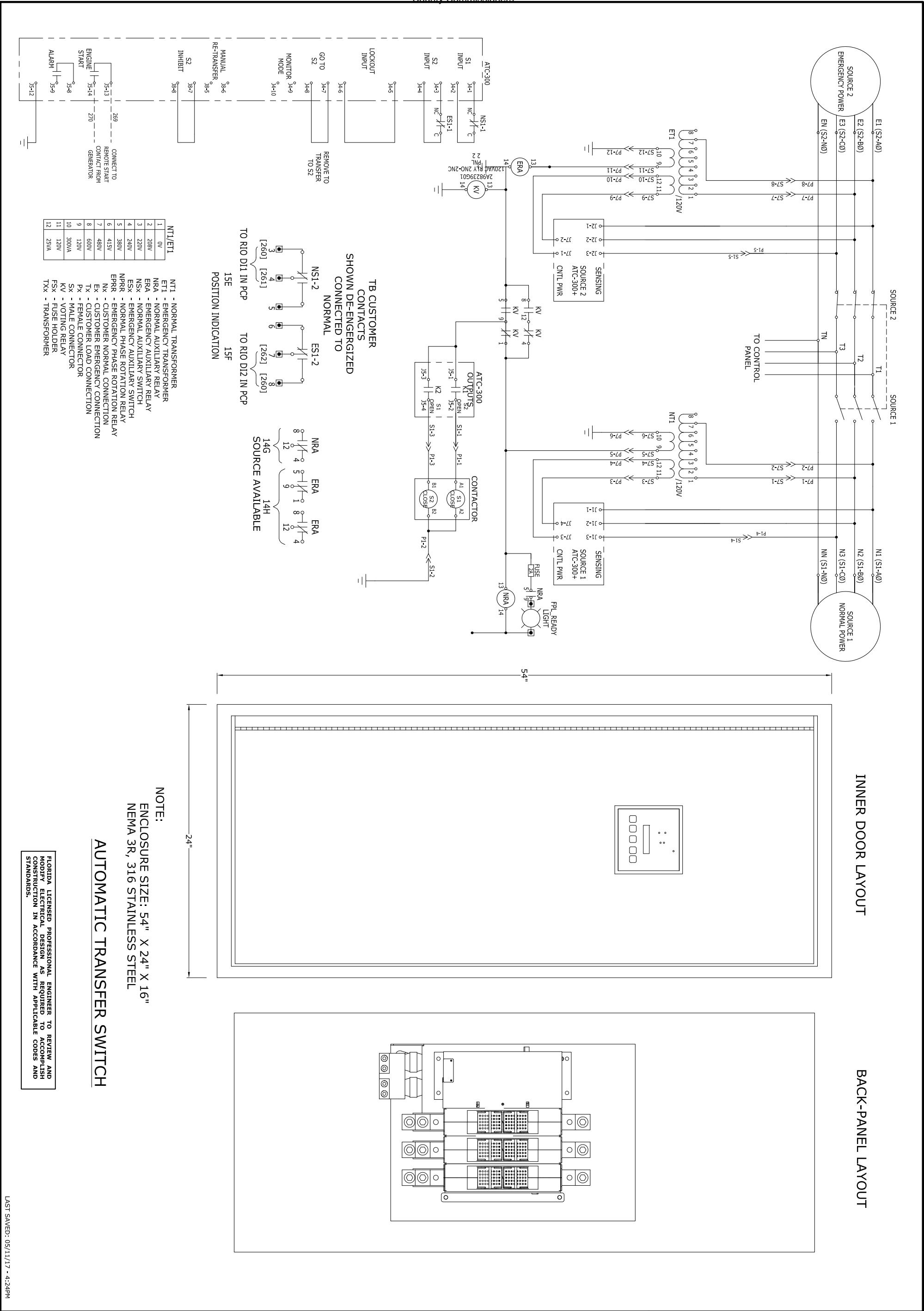


PROJECT NAME:
**LIFT STATION REHABILITATION
AND REPAIR**
PROJECT NO **8620**
NOT FOR CONSTRUCTION

SEAL

DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	

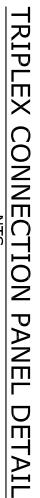
DRAWING NAME: TRIPLEX SCHEMATIC FOR LIFT STA. W/ STANDBY GEN.	
SCALE: AS SHOWN	DWG NO.:
DESIGNATION: E-11	



BR-OWARD COUNTY FLORIDA		
PROJECT NAME: LIFT STATION REHABILITATION AND REPAIR		
PROJECT NO 8620		
NOT FOR CONSTRUCTION		
SEAL		
DESIGN:	DRAWN:	CHECK:
DATE:	REVISION DESCRIPTION:	
DRAWING NAME: AUTOMATIC TRANSFER SWITCH FOR STANDBY GEN.		
SCALE: AS SHOWN	DWG NO:	
DESIGNATION: E-12		



- ## DUPLEX CONNECTION PANEL DETAIL



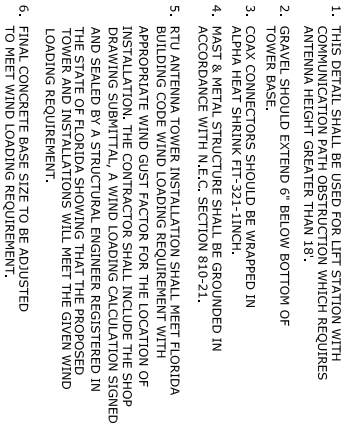
PROJECT NO 8620

NOT FOR CONSTRUCTION

DRAWING NAME:
LIFT STATION ELECTRICAL

DESIGNATION:

E-13



25 FEET RADIO ANTENNA MOUNTING DETAIL

FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND
MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH
CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND
STANDARDS.



NOTES:

1. AREAS INSIDE WELLWELL AND VALVE BOX ARE CONSIDERED A CLASS 1, DIVISION 2 AREA IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE
2. OTHER AREAS ARE NOT CLASSIFIED
3. NO PENETRATIONS SHALL BE PERMITTED IN THE TOP OF ANY PANEL BOX
4. APPLY TWO COATS OF BITUMASTIC PAINT TO ALL ALUMINUM CONDUIT AND SUPPORT IN CONTACT WITH CONCRETE FLOOR SLABS TO A POINT 4 INCHES ABOVE CONCRETE SURFACE.
5. PROVIDE DUCT SEAL IN ALL CONDUITS.

PANEL REAR VIEW

SEAL

PROJECT NAME:

LIFT STATION REHABILITATION AND REPAIR

PROJECT NO 8620

NOT FOR CONSTRUCTION

[illegible]

DRAWING NAME:
LIFT STATION ELECTRICAL

SCALE: AS SHOWN

DWG NO:

 $\therefore$

三十一

GENERAL CONDITIONS

Quotation Requests and Invitations to Bids

These are standard instructions for Quotation Requests and Invitations to Bid and issued by the Broward County Board of County Commissioners (County). The County may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Special Instructions to Vendors or in the line item. By acceptance of a purchase order or award notification issued by the County, Vendor agrees that the provisions included within this solicitation, which upon award serves as the executed contract, shall prevail over any conflicting provision within any standard form contract of the Vendor regardless of any language in Vendor's contract to the contrary. Digital versions of this solicitation are provided for the convenience of the Vendor. Any material modification of the solicitation and/or any alteration of the verbiage is expressly prohibited and is not enforceable. Any alteration may render the Vendor's submission void and bar the Vendor from consideration in connection with this solicitation.

1. Execution of Solicitation Response:

- (a) BY SUBMITTING THIS FORM WITH AN ELECTRONIC SIGNATURE, VENDOR ACKNOWLEDGES AND ACCEPTS ALL GENERAL CONDITIONS AND SPECIAL INSTRUCTIONS. The individual submitting is authorized to sign (electronically accept) this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. Solicitation response must contain a signature of an individual authorized to bind the Vendor. Electronic signatures or digital signatures shall have the same effect as an original signature.
 - (b) I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).
 - (c) No award will be made to a Vendor who is delinquent in payment of any taxes, fees, fines, contractual debts, judgments, or any other debts due and owed to the County, or is in default on any contractual or regulatory obligation to the County. By submitting this solicitation response, Vendor attests that it is not delinquent in payment of any such debts due and owed to the County, nor is it in default on any contractual or regulatory obligation to the County. In the event the Vendor's statement is discovered to be false, Vendor will be subject to debarment and the County may terminate any contract it has with Vendor.
 - (d) Vendor certifies by submitting this solicitation response that no principals or corporate officers of the firm were principals or corporate officers in any other firm which was suspended or debarred from doing business with Broward County within the last three years, unless noted in the response.
 - (e) By submitting this solicitation response, Vendor attests that any and all statements, oral, written or otherwise, made in support of this response, are accurate, true and correct. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code.
2. **Withdrawal:** No Vendor may withdraw its solicitation response before the expiration of 120 days from the date of opening. Any response altering the 120 day requirement shall be deemed non-responsive.
3. **Submission of Bids and Quotations:** Vendor's solicitation response must be submitted electronically through BidSync, the County's designated electronic bidding system. It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync

by the date and time specified in the solicitation. The County will not consider solicitation responses received by other means. Any timeframe references are in Eastern Standard Time. The official time for electronic submittals is BidSync's servers, as synchronized with the atomic clock. All parties without reservation will accept the official time.

4. **Bid Opening (Invitation for Bids only):** All bids received shall be publicly opened in the presence of one or more witnesses at the Purchasing Division office, located at 115 S. Andrews Avenue, Room 212, Fort Lauderdale, FL 33301, or other designated County location as posted in the Purchasing Division offices. The Purchasing Division will decrypt responses received in BidSync immediately following the designated bid end date and time.
5. **Addenda:** Broward County reserves the right to amend this solicitation prior to the opening date indicated. Only written addenda are binding. If, upon review, material errors in specifications are found, contact the Purchasing Division immediately, prior to opening date, to allow for review and subsequent clarification on the part of Broward County. Vendors shall be responsible for obtaining, reviewing and acknowledging each addendum.
6. **Prices, Terms, and Payments:** Firm prices shall be provided and include all handling, set up, shipping and inside delivery charges to the destination shown herein unless otherwise indicated.
 - (a) **The Vendor:** In submitting this solicitation response certifies that the prices provided herein are not higher than the prices at which the same commodity(ies) or service(s) is sold in approximately similar quantities under similar terms and conditions to any purchaser whomsoever.
 - (b) **F.O.B.:** Unless otherwise specified, prices shall be provided as F.O.B. Destination, freight included and inclusive of all costs. Current and/or anticipated applicable fuel costs should be considered and included in the prices provided.
 - (c) **Ties:** The Purchasing Division will break tie responses in accordance with the Procurement Code.
 - (d) **Taxes:** Broward County is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption numbers appear on purchase order. The Vendor shall pay all applicable sales, consumer, land use, or other similar taxes required by law. The Vendor is responsible for reviewing the pertinent State Statutes involving the sales tax and complying with all requirements.
 - (e) **Discounts:** Vendors may offer a cash discount for prompt payment. However, such discounts will not be considered in determining the lowest net cost for evaluation purposes. Vendors should reflect any discounts to be considered in the evaluation in the unit prices submitted.
 - (f) **Mistakes:** Vendors are cautioned to examine all specifications, drawings, delivery instructions, unit prices, extensions, and all other special conditions pertaining to this solicitation. Failure of the Vendor to examine all pertinent documents shall not entitle them to any relief from the conditions imposed in the contract. In case of mistakes in extension, the unit price shall govern. Multiplication or addition errors are deemed clerical errors and shall be corrected by the County.
 - (g) **Ordering:** The County reserves the right to purchase commodities/services specified herein through contracts established by other governmental agencies or through separate procurement actions due to unique or special needs. If an urgent delivery is required, within a shorter period than the delivery time specified in the contract and if the seller is unable to comply therewith, the County reserves the right to obtain such delivery from others without penalty or prejudice to the County or to the seller.
7. **Open-End Contract:** No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open-end contract. Estimated quantities will be used for comparison purposes only. The County reserves the right to issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of Direct Purchase Orders by various County agencies, or, any combination of the preceding. No delivery shall become due or be acceptable

without a written order or shipping instruction by the County, unless otherwise provided in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.

8. **Contract Period (Open-End Contract):** The initial contract period shall start and terminate as indicated in the Special Instructions to Vendor. The Vendor will complete delivery and the County will receive delivery on any orders transmitted to the Vendor prior to the expiration date. The Director of Purchasing may renew this contract subject to Vendor acceptance, satisfactory performance, and determination that renewal is in the best interest of the County. The County will provide Notification of Intent to Renew in advance of the contract expiration date. All prices, terms and conditions shall remain firm for the initial period of the contract and for any renewal period unless subject to price adjustment specified as a "special condition" hereto. **In the event scheduled services will end because of contract expiration, the Vendor shall continue the service at the direction of the Director of Purchasing. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Vendor shall be compensated for the service at the rate in effect when this extension clause is invoked by the County.**
9. **Fixed Contract Quantities:** Purchase order(s) for full quantities will be issued to successful Vendor(s) after notification of award and receipt of all required documents. Fixed contract quantities up to twenty (20) percent of the originally specified quantities may be ordered prior to the expiration of one (1) year after the date of award, provided the Vendor agrees to furnish such quantities at the same prices, terms and conditions.
10. **Awards: If a specific basis of award is not established in the Special Instructions to Vendors, the award shall be to the responsible Vendor with the lowest responsive solicitation response meeting the written specifications.** As the best interest of the County may require, the right is reserved to make award(s) by individual commodities/ services, group of commodities/services, all or none or any combination thereof. When a group is specified, all items within the group must be priced.

A Vendor desiring to offer "No Charge" on an item in a group must indicate by placing a \$0.00 in the offer field, and enter "No Charge" in the "Notes for Buyer" section in BidSync; otherwise the group will be construed as incomplete and may be rejected. However, if Vendors do not offer all items within a group, the County reserves the right to award on an item by item basis. When a group is indicated for variable quantities and the group shows evidence of unbalanced prices, such solicitation response may be rejected. The Director of Purchasing, or the Board of County Commissioners, whichever is applicable reserves the right to waive technicalities and irregularities and to reject any or all responses.
11. **Payment:** Payment for all goods and services, requested by a purchase order, shall be made in a timely manner and in accordance with Local Government Prompt Payment Act, Section 218.70, Florida Statutes, and the Prompt Payment Policy, Section No. 1-51.6, Broward County Code of Ordinances. All applications for payment shall be submitted to the address indicated in the purchase order. The County will pay the Vendor after receipt, acceptance, and proper invoice is received. Invoices must bear the purchase order number.
12. **Termination:**
 - (a) **Availability of Funds:** If the term of this contract extends beyond a single fiscal year of the County, the continuation of this contract beyond the end of any fiscal year shall be subject to the availability of funds from the County in accordance with Chapter 129, Florida Statutes (Florida Statutes). The Broward County Board of County Commissioners shall be the final authority as to availability of funds and how such available funds are to be allotted and expended. In the event funds for this project/purchase are not made available or otherwise allocated, the County may terminate this contract upon thirty (30) days prior written notice to the Vendor.
 - (b) **Non Performance:** The Awarding Authority may terminate the contract for cause if the party in breach has not corrected the breach within ten (10) days after written notice from the

aggrieved party identifying the breach. Cause for termination shall include, but not be limited to, failure to suitably perform the work, failure to suitably deliver goods in accordance with the specifications and instructions in this solicitation, failure to continuously perform the work in a manner calculated to meet or accomplish the objectives of the County as set forth in this solicitation, or multiple breach of the provisions of this solicitation notwithstanding whether any such breach was previously waived or cured.

- (c) **For Convenience:** The Awarding Authority may terminate the contract for convenience upon no less than thirty (30) days written notice. In the event the contract is terminated for convenience, Vendor shall be paid for any goods properly delivered and services properly performed to the date the contract is terminated; however, upon being notified of County's election to terminate, Vendor shall cease any deliveries, shipment or carriage of goods, and refrain from performing further services or incurring additional expenses under the terms of the contract. In no event will payment be made for lost or future profits. Vendor acknowledges and agrees that it has received good, valuable and sufficient consideration from County, the receipt and adequacy of which are hereby acknowledged for County's right to terminate this contract for convenience.
13. **Conditions and Packaging:** Unless otherwise stated in the solicitation, or specifically ordered from an accepted price list, deliveries must consist only of new and unused goods and shall be the current standards production model available at the time of the solicitation response. The goods must be suitably packaged for shipment by common carrier. Each container or multiple units or items otherwise packaged shall bear a label, imprint, stencil or other legible markings stating name of manufacturer or supplier, purchase order number and any other markings required by specifications, or other acceptable means of identifying Vendor and purchase order number.
14. **Safety Standards:** Unless otherwise stipulated in the solicitation, all manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupational Safety and Health Act (OSHA) and any standards thereunder. All sources of energy associated with machinery/equipment purchased shall be capable of being locked-out in accordance with OSHA 29 CFR 1910.147, Hazardous Energy Control. In compliance with OSHA 29 CFR 1910.1200, Hazard Communication Standard, and Chapter 442, Florida Statutes, Occupational Safety and Health, any chemical substance delivered from a contract resulting from this solicitation must be compliant with the Global Harmonized System (GHS) for Hazard Communication accompanied by a Safety Data Sheet (SDS) consisting of 16 sections. A Safety Data Sheet (SDS) shall also be submitted to the Broward County Risk Management Division, 115 South Andrews Avenue, Room 218, Fort Lauderdale, FL 33301-1803.
15. **Non-Conformance to Contract Conditions:** The County may withhold acceptance of, or reject any items which are found, upon examination, not to meet the specification requirements. Upon written notification (mail, email, or fax) of rejection, items shall be removed within five (5) calendar days by the Vendor at its expense and redelivered at its expense. The County regards rejected goods left longer than thirty (30) days as abandoned and the County has the right to dispose of them as its own property. On foodstuffs and drugs, no written notice of rejection need be given. Upon verbal notice to do so, the Vendor shall immediately remove and replace such rejected merchandise at its expense. Rejection for non-conformance, failure to provide services conforming to specifications, or failure to meet delivery schedules may result in Vendor being found in default.
16. **Inspection, Acceptance and Title:** Inspection and acceptance will be at delivery destination unless otherwise specified. Title and risk of loss or damage to all items shall be the responsibility of the Vendor until accepted by the County.
17. **Governmental Restrictions:** In the event any governmental restrictions may be imposed which would necessitate alteration of the material quality, workmanship or performance of the items offered on this solicitation response prior to its delivery, it shall be the responsibility of the successful Vendor to notify the County at once, indicating in its letter the specific regulation which required an alteration. The County reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no further

expense to the County.

18. **Legal Requirements:** Applicable provisions of all Federal, State of Florida, County and local laws, and of all ordinances, rules and regulations including the Broward County Procurement Code shall govern development, submittal and evaluation of responses received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a response hereto and the County by and through its officers, employees and authorized representative, or any other person natural or otherwise in addition to any resultant agreement. Lack of knowledge by any Vendor shall not constitute a recognizable defense against the legal effect thereof.

19. **Indemnification:** Vendor shall at all times hereafter indemnify, hold harmless and defend County and all of County's current and former officers, agents, servants, and employees (collectively, "Indemnified Party") from and against any and all causes of action, demands, claims, losses, liabilities and expenditures of any kind, including attorneys' fees, court costs, and expenses (collectively, a "Claim"), raised or asserted by any person or entity not a party to this Contract, which Claim is caused or alleged to be caused, in whole or in part, by any intentional, reckless or negligent act or omission of Vendor, its current or former officers, employees, agents, or servants, arising from, relating to, or in connection with this Contract. In the event any Claim is brought against an Indemnified Party, Vendor shall, upon written notice from County, defend each Indemnified Party against each such Claim by counsel satisfactory to County or, at County's option, pay for an attorney selected by the County Attorney to defend the Indemnified Party. The obligations of this section shall survive the expiration or earlier termination of this Contract. To the extent considered necessary by the Contract Administrator and the County Attorney, any sums due Vendor under this Contract may be retained by County until all of County's claims for indemnification pursuant to this Contract have been settled or otherwise resolved. Any amount withheld shall not be subject to payment of interest by County.

For construction contracts, Vendor shall indemnify and hold harmless County, its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful misconduct of Vendor and persons employed or utilized by Vendor in the performance of this Contract. To the extent considered necessary by Contract Administrator and County Attorney, any sums due Vendor under this Contract may be retained by County until all of County's claims for indemnification pursuant to this Contract have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by County. The indemnifications shall survive the expiration or earlier termination of this Contract.

20. **Notice:** Written notice provided pursuant to this contract shall be sent by certified United States Mail, postage prepaid, return receipt requested, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the County designates:

Director, Broward County Purchasing Division
115 S. Andrews Avenue, Room 212
Fort Lauderdale, FL 33301-1801

Vendor shall identify in the solicitation response a designated person and address to whom notice shall be sent when required by the contract.

21. **Jurisdiction, Venue, Waiver of Jury Trial:** The contract shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. Any controversies or legal problems arising out of the contract and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the State courts of the Seventeenth Judicial Circuit of Broward County, Florida, the venue situs, and shall be governed by the laws of the state of Florida. By entering into this contract, Vendor and County hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to this contract. If any party demands a jury trial in an lawsuit arising out of the contract and fails to withdraw the

request after written notice by the other party, the party making the request for jury trial shall be liable for the reasonable attorneys' fees and costs of the party contesting the request for jury trial.

22. **Patents and Royalties:** The Vendor, without exception, shall indemnify and save harmless and defend the County, its officers, agents and employees from liability of any nature or kind, including but not limited to attorney's fees, costs and expenses for or on account of any copyrighted, patented or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County. If the Vendor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work. This provision shall survive the expiration or earlier termination of the contract.
23. **Assignment, Subcontract:** Contractor shall not transfer, convey, pledge, subcontract or assign the performance required by this solicitation without the prior written consent of the Director of Purchasing. Any award issued pursuant to this solicitation and the monies which may become due hereunder are not assignable, transferrable, or otherwise disposable except with the prior written consent of the Director of Purchasing.
24. **Qualifications of Vendor:** The County will only consider solicitation responses from firms normally engaged in providing the types of commodities, services, or construction specified herein. Vendor must have adequate organization, facilities, equipment, and personnel to ensure prompt and efficient service to County. The County reserves the right to inspect the facilities, equipment, personnel and organization or to take any other action necessary to determine ability to perform in accordance with specifications, terms and conditions. The County will determine whether the evidence of ability to perform is satisfactory and reserves the right to reject responses where evidence or evaluation is determined to indicate inability to perform. The County reserves the right to consider a Vendor's history of any and all types of citations and/or violations, including those relating to suspensions, debarments, or environmental regulations in determining responsibility. Vendor should submit with its solicitation response a complete history of all citations and/or violations notices and dispositions thereof. Failure of a Vendor to submit such information may be grounds for termination of any contract awarded to successful Vendor. Vendor shall notify the County immediately of notice of any citations or violations which they may receive after the opening date and during the time of performance under any contract awarded to them.
25. **Affiliated Companies Entities of the Principal(s):** To ensure the vendor has the capability in all respects to perform fully the contract requirements, and the integrity and reliability which will assure good faith performance of the vendor, all vendors are required to disclose the names and addresses of entities with whom the principal(s) of the proposing vendor have been affiliated for a period of with over the last five (5) years from the solicitation opening deadline for the County's review of contract performance evaluations and the history of County Business Enterprise compliance with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements for all entities affiliated with the principal(s). Affiliated entities of the principal(s) are those entities related to the vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
26. **Equal Employment Opportunity:** No Vendor shall discriminate against any employee or applicant for employment because of race, religion, age, color, sex or national origin, sexual orientation (including but not limited to Broward County Code, Chapter 16½), marital status, political affiliation, disability, or physical or mental handicap if qualified. Vendor shall take affirmative action to ensure that applicants are employed, and that employees are treated during their employment without regard to their race, religion, age, color, sex or national origin, sexual orientation, marital status, political affiliation, disability, or physical or mental handicap. Such actions shall include, but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Vendor agrees to post in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.

The Vendor selected to perform work on a County project must include the foregoing or similar language in its contracts with any subcontractors or sub consultants, except that any project assisted by U.S. Department of Transportation funds shall comply with the non-discrimination requirements in Title 49 C.F.R. Parts 23 and 26. The subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause. Failure to comply with above requirements is a material breach of the contract, and may result in the termination of this contract or such other remedy as the County deems appropriate.

27. **Modifications:** All changes to purchase orders shall be by issuance of a change order. Any modifications or changes to any contract entered into as a result of this solicitation must be by written amendment with the same formality and of equal dignity prior to the initiation of any such change.
28. **Resolution of Protested Solicitations and Proposed Awards:** In accordance with Sections 21.118 and 21.120 of the Broward County Procurement Code, if a Vendor intends to protest a solicitation or proposed award of a contract the following apply:
- (a) Any protest concerning the solicitation or other solicitation specifications, or requirements must be made and received by the County within seven (7) business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest solicitation specifications or requirements is a waiver of the ability to protest the specifications or requirements.
 - (b) Any protest concerning a solicitation or proposed award above the authority of the Director of Purchasing, after the opening, shall be submitted in writing and received by the County within five (5) business days from the posting of the recommendation for award on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing.
 - (c) Any actual or prospective Vendor or offeror who has a substantial interest in and is aggrieved in connection with proposed award of a contract which does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award on the Purchasing Division's website.
 - (d) For purposes of this section, a business day is defined as Monday through Friday between 8:30 a.m. and 5:00 p.m. Failure to timely file a protest within the time prescribed for a solicitation or proposed contract award shall be a waiver of the Vendor's right to protest.
 - (e) As a condition of initiating any protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee. The filing fee shall be based upon the estimated contract amount. For purposes of the protest, the estimated contract amount shall be the contract amount submitted by the protestor. If no contract amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check, or cashier's check, payable to Broward County Board of Commissioners. The filing fees are as follows:

Estimated Contract Amount	Filing Fee
\$30,000 - \$250,000	\$500
\$250,001 - \$500,000	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	\$5,000

29. **Public Entity Crimes Act:** Vendor represents that its response to this solicitation will not violate the Public Entity Crimes Act, Section 287.133, Florida Statutes, which essentially provides that the County, as a public entity, may not transact any business with a Vendor in excess of the threshold amount provided in Purchasing Categories, Section 287.017, Florida Statutes, for category two purchases for a period of 36 months from the date of being placed on the Convicted Vendor List. Vendor represents that its response to this solicitation is not a violation of

Discrimination, Section 287.134, Florida Statutes, which essentially states that the County, as a public entity, cannot do business with an entity that is on the Discriminatory Vendor List i.e., has been found by a court to have discriminated as defined therein. Violation of this section shall result in cancellation of the County purchase and may result in debarment.

30. **Purchase by Other Governmental Agencies:** Each governmental unit which avails itself of this contract will establish its own contract, place its own orders, issue its own purchase orders, be invoiced therefrom and make its own payments and issue its own exemption certificates as required by the Vendor. It is understood and agreed that Broward County is not a legally bound party to any contractual agreement made between any other governmental unit and the Vendor as a result of this solicitation.
31. **Public Records:** The County is a public agency subject to Chapter 119, Florida Statutes. Any material submitted in response to this solicitation will become a public document pursuant to Section 119.071, Florida Statutes. This includes material which the responding Vendor might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening pursuant to Section 119.071, Florida Statutes. As required by Chapter 119, Florida Statutes, the Contractor and all subcontractors for services shall comply with Florida's Public Records Law. Specifically, the Contractor and subcontractors shall:
 - (a) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the service;
 - (b) Provide the public with access to such public records on the same terms and conditions that the County would provide the records and at a cost that does not exceed that provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
 - (c) Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law; and
 - (d) Meet all requirements for retaining public records and transfer to the County, at no cost, all public records in possession of the Vendor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt. All records stored electronically must be provided to the County in a format that is compatible with the information technology systems of the agency.
 - (e) The failure of Contractor to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Contract and the County shall enforce the Default in accordance with the provisions set forth in the General Conditions, Article 12.
32. **Audit Right and Retention Records:** County shall have the right to audit the books, records, and accounts of awarded Vendor that are related to this contract. Vendor shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries to the contract.

Vendor shall preserve and make available, at reasonable times for examination and audit by County, all financial records, supporting documents, statistical records, and any other documents pertinent to this agreement for the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), if applicable, or if the Florida Public Records Act is not applicable, for a minimum period of three (3) years after termination of this contract. If any audit has been initiated and audit findings have not been resolved at the end of the retention period of three (3) years, whichever is longer, the books, records and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by County to be applicable to Vendor's records, Vendor shall comply with all requirements thereof; however, no confidentiality or nondisclosure requirement of either federal or state law shall be violated by Vendor. Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for County's disallowance and recovery of any payment upon such entry.
33. **Procurement Code:** The entire chapter of the Broward County Procurement Code can be obtained from the Purchasing Division's website at: www.broward.org/purchasing.
34. **Ownership of Documents:** All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, specifications and reports prepared or provided by

Vendor in connection with this contract shall become the property of County, whether the Project for which they are made is completed or not, and shall be delivered to Contract Administrator within fifteen (15) days of the receipt of the written notice of termination. If applicable, County may withhold any payments then due to Vendor until Vendor complies with the provisions of this section.

35. **State of Florida Division of Corporations Requirements:** It is the Vendor's responsibility to comply with all state and local business requirements. All corporations and partnerships must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.

The County will review the Vendor's business status based on the information provided in response to this solicitation. If the Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to conduct business in the State of Florida. Corporations or partnerships that are not in good standing with the Florida Secretary of State at the time of a submission to this solicitation may be deemed non-responsible.

If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

36. **Cone of Silence Ordinance (Invitations For Bids):** In accordance with Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances, provides that after the advertisement of the solicitation, potential Vendors and their representatives are substantially restricted from communicating regarding the solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrator, Assistants to the County Administrator, their respective support staff, or any or any staff person that is to evaluate or recommend selection in this solicitation process.

(a) For Invitations for Bids, the Cone of Silence shall be in effect for staff involved in the award decision process at the time of the solicitation advertisement. The Cone of Silence shall be in effect for the Board of County Commissioners and their staff upon bid opening for the solicitation.

(b) The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

(c) Any violations of this ordinance by any representative of the Vendor, including owner, employee, consultant, lobbyist, or actual or potential subcontractor or subconsultant may be reported to the County's Office of Professional Standards. If there is a determination of violation, a fine shall be imposed against the Vendor as provided in the County Code of Ordinances. Additionally, a determination of violation shall render any award to a Vendor who is found to have violated the Ordinance voidable, at the sole discretion of the Board of County Commissioners.

37. **Contingency Fees:** By submission of this solicitation response, Vendor certifies that no contingency fees (sometimes known as a finder's fee) have been paid to any person or organization other than a bona-fide employee working solely for the Vendor to secure a contract made pursuant to this solicitation. Violation of this policy may result in termination of any resultant contract and/or possible debarment of the Vendor.

38. **Local Business Tax Receipt Requirements:** All Vendors maintaining a business address within Broward County must have a current Broward County Local Business Tax Receipt issued by the Broward County Records, Taxes and Treasury Division prior to recommendation for award. Failure to do so may result in your solicitation response being deemed non-responsive. For further information on obtaining or renewing your firm's Local Business Tax Receipt, contact the Records, Taxes and Treasury Division at (954) 357-6200.

39. **Battery Disposal:** The Vendor must deliver, furnish, recycle and dispose of all battery products in accordance with all applicable local, state and federal laws.

40. **Dun & Bradstreet Report Requirement:** The County may review the Vendor's rating and payment performance to assist in determining a Vendor's responsibility when being evaluated for a contract award.

41. **Code Requirements:** The Vendor and his or her subcontractors on this project must be familiar with all applicable Federal, State, County, City and Local Laws, Regulations or Codes and be governed accordingly as they will apply to this project and the actions or operations of those engaged in the work or concerning materials used. Contractor shall ask for and receive any required inspections.
42. **Special Notice:** In accordance with OSHA Regulation 29 CFR 1926.1101(k) (2), Vendors are notified of the presence of asbestos containing material and/or presumed asbestos containing material at some Broward County locations.
43. **Samples:** Samples or drawings, when required, shall be free of charge. If not mutilated or destroyed in the examination, Vendor will be notified to remove same at their expense. If samples are not removed within thirty (30) calendar days after written notice to the Vendor, they shall be considered as abandoned and the County shall have the right to dispose of them as its own property.
44. **Vendor Responsibilities:** Unless otherwise specified, Vendor will be responsible for the provision, installation and performance of all equipment, materials, services, etc. offered in their response. Vendor is in no way relieved of the responsibility for the performance of all equipment furnished, or of assuring the timely delivery of materials, equipment, etc. even though it is not of their own manufacture.
45. **Vendor Evaluation:** The Contract Administrator will document the Vendor's performance by completing a Performance Evaluation Form. A blank Performance Evaluation Form may be viewed at: broward.org/Purchasing/documents/vendorperformanceevaluationrequirements.pdf.
An interim performance evaluation of the successful Vendor may be submitted by the Contract Administrator during completion of the Project. A final performance evaluation shall be submitted when the Request for Final Payment to the Vendor is forwarded for approval. In either situation, the completed evaluation(s) shall be forwarded to the Director of Purchasing who shall provide a copy to the successful Vendor upon request. Said evaluation(s) may be used by the County as a factor in considering the responsibility of the Vendor for future solicitations.
46. **Warranties and Guarantees:** The Vendor shall obtain all manufacturers' warranties and guarantees of all equipment and materials required by this solicitation and any resultant orders in the name of the Board and shall deliver same to point of delivery.
47. **"Or Equal" Clause:** Whenever a material, article or piece of equipment is identified in the solicitation documents, including plans and specifications, by reference to manufacturers' or vendors' names, trade names, catalog numbers, or otherwise, any such reference is intended merely to establish a standard; and, unless it is followed by the words "no substitution is permitted" because of form, fit, function and quality, any material, article, or equipment of other manufacturers and vendors which will perform or serve the requirements of the general design will be considered equally acceptable provided the materials, article or equipment so proposed is, in the sole opinion of the County, equal in substance, quality, and function. The decision of the equivalent shall be determined in a reasonable manner and at the sole discretion of the County.

Office of Economic and Small Business Requirements: CBE Goal Participation

- A. In accordance with Broward County Business Opportunity Act of 2012, Ordinance No. 2012-33, Broward County Code of Ordinances, the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation should utilize, or attempt to utilize, CBE firms to perform at least the assigned participation goal for this contract.
- B. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; required forms and information should be submitted with solicitation submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of the Office of Economic and Small Business Development's (OESBD) request. Vendor may be deemed non-responsible for failure to fully comply within stated timeframes.
1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier**, for each certified CBE firm the Vendor intends to use to achieve the assigned CBE participation goal.
 2. If a Vendor is unable to attain the CBE participation goal, the Vendor should include in its solicitation submittal **Application for Evaluation of Good Faith Effort** and all of the required supporting information.
- C. The Vendor shall only address the base solicitation amount for CBE goal participation. No alternate/optional item(s) shall be addressed. If the County chooses to exercise the right to award alternate/optional solicitation item(s), the CBE participation goal for this solicitation shall apply to the alternate/optional item(s) recommended to be awarded. The County shall issue a notice to the apparent successful Vendor requiring the Vendor to comply with the CBE participation goal for the alternate/optional item(s); Vendor shall submit all required forms prior to award. Failure to submit the required forms may result in rejection of the solicitation.
- D. The Office of Economic and Small Business Development maintains an on-line directory of CBE firms. The on-line directory is available for use by Vendors at <https://webapps4.broward.org/smallbusiness/sbdirectory.aspx>
- E. For detailed information regarding the County Business Enterprise Program contact the Office of Economic and Small Business Development at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/>
- F. Requirements for Contracts with CBE Goals: if awarded the contract, the Vendor agrees to and shall comply with all applicable requirements of the CBE Program in the award and administration of the contract.
1. No party to this contract may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this contract.
 2. Vendor shall comply with all applicable requirements of the Broward County Small Business Development Program in the award and administration of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of this contract, which shall permit County to terminate this contract or to exercise any other remedy provided under this contract, under the Broward County Code of Ordinances, or Administrative Code, or under applicable law, with all of such remedies being cumulative.
 3. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from County for such subcontracted work and pay all other subcontractors and suppliers within thirty (30) days following receipt of payment from County for such subcontracted work or supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from County. For all other subcontractors or suppliers, if Vendor withholds an amount as retainage, such retainage shall be released and paid within thirty (30) days following receipt of payment of retained amounts from County.
 4. Vendor understands that the County will monitor compliance with the CBE requirements. Vendor must report monthly on its CBE participation commitment with its pay requests and is required as a condition of payment.

**LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE)
SUBCONTRACTOR/SUPPLIER**

This form(s) should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. This form is to be completed and signed for each CBE firm. Vendor should scan and upload the completed, signed form(s) in BidSync.

Solicitation Number: Y2114640B1

Project Title: SEWER LIFT STATION, REHABILITATION AND
REPAIR**Bidder/Offeror Name:** Address: City: State: Zip: Authorized Representative: Phone: **CBE Subcontractor/Supplier Name:** Address: City: State: Zip: Authorized Representative: Phone:

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm			
Description	NAICS [*]	CBE Contract Amount [†]	CBE Percentage of Total Project Value

AFFIRMATION: I hereby affirm that the information above is true and correct.**CBE Subcontractor/Supplier Authorized Representative**
(Signature) (Title) (Date)**Bidder/Offeror Authorized Representative**
(Signature) (Title) (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.

† To be provided only when the solicitation requires that bidder/offer include a dollar amount in its bid-offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

**APPLICATION FOR EVALUATION OF GOOD FAITH EFFORT
PURSUANT TO BUSINESS OPPORTUNITY ACT OF 2012, Sec. 1-81.5(e)**

If applicable, this form and supporting documentation should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. Vendor should scan and upload the supporting documentation in BidSync.

SOLCITATION NO.: Y2114640B1

PROJECT NAME: SEWER LIFT STATION,
REHABILITATION AND
REPAIR

PRIME CONTRACTOR

ADDRESS

TELEPHONE

The undersigned representative of the prime contractor represents that his/her firm has contacted County Business Enterprise (CBE) certified firms in a good faith effort to meet the CBE goal for this solicitation but has not been able to meet the goal. Consistent with the requirements of the Business Opportunity Act of 2012 (the Act), the prime contractor hereby submits documentation (attached to this form) of good faith efforts made and requests to be evaluated under Section 1-81.5(e) of the Act.

The prime contractor understands that a determination of good faith effort to meet the CBE contract participation goal is contingent on both the information provided by the prime contractor as an attachment to this application and the other factors listed in Section 1-81.5 (e) of the CBE Act, as those factors are applicable with respect to this solicitation. The prime contractor acknowledges that the determination of good faith effort is made by the Director of the Office of Economic and Small Business Development, and is not subject to appeal.

SIGNATURE:

PRINT NAME / TITLE:

DATE:

Security Requirements

A. General Security Requirements and Criminal Background Screening:

1. All contractor and sub-contractor personnel requiring unescorted access to Broward County facilities must obtain a County issued contractor identification badge (contractor ID badge); except as specifically stated herein.
2. The background screening requirements for obtaining a contractor ID badge will depend on the facility to which unescorted access is being requested. Contract Administrators or designees and contractors may contact Broward County Security at (954) 357-6000 or FMsecurity@broward.org for the required background screening requirements associated with access to specific facilities. Contract Administrators will communicate all current and appropriate requirements to the contractor and sub-contractor throughout the contract period.

B. General Facilities:

1. Contractor and sub-contractor personnel servicing and requiring unescorted access to General Facilities must have a County issued contractor ID badge (contractor ID badge) which will be the responsibility of the contractor to obtain. Depending upon the request, the badge may carry electronic access privileges. The badge must be visible and worn at all times together with the contractor's company/business contractor ID badge. Similar to employee security/ID badges, requests for contractor ID badges are initially approved by the requesting agency director or designee and then submitted to Facilities Management Division (FMD) Security for final approval.
2. The issuance of a contractor ID badge for unescorted access to General Facilities requires a "Level 1" FDLE background check, which can be conducted by the Florida Department of Law Enforcement (FDLE). This "Level 1" FDLE background check is the contractor's responsibility and should be included in the bid price. FDLE background checks can be done by the contractor by phone at (850) 410-8109 or online at <https://web.fdle.state.fl.us/search/app/default>.
3. Upon completion of the background check, the contractor must attach a copy of the results to the contractor's application for a contractor ID badge. The Project Manager or designee utilizing the service of the contractor will be the "Sponsor" and will either provide the contractor with a Contractor ID Badge Request Form or assist the contractor in completing an on-line application for the County issued contractor ID badge.
4. Requests for a contractor ID badge requiring an FDLE background check may require lengthy processing and review by the Broward Sheriff's Office (BSO). Contractors and subcontractors must therefore submit the request to Broward County Security at least two (2) weeks prior to the start of service by the contractor. When identification badges are ready, Broward County Security will contact the contractor to arrange pick up. Upon pick up, the applicant must present a valid Florida identification and must be accompanied by his or her supervisor. Broward County Security will then supply contractor ID badge valid for the anticipated period within which the work will be performed. The validity period must be clearly stated on the Contractor ID Badge Request Form; however, the period of validity will not exceed one (1) year. Background checks will be required for renewal of contractor ID badge. At the termination of the contract and separation of employee services, the contractor is responsible for the collection and return of all contractor ID badge to the Project Manager and/or to Broward County Security.
5. Compliance with the County's security requirements is part of the overall contract performance evaluation. Final payment will, in part, be contingent on the return of all contractor ID badges issued to contractor personnel.
6. Broward County Security is located at Governmental Center East, 115 South Andrews Avenue Fort Lauderdale, FL 33301. Telephone (954) 357-6000.
7. All contractors must wear distinctive and neat appearing uniforms with vendor's company name. Sub-contractor personnel must also have Broward County issued contractor IDs

and meet the same security requirements and uniform standards as the primary contractor.

8. Contractors will not be allowed unescorted on the job site without proper County issued contractor ID badges.

C. Facilities Critical to Security and Public Safety:

Many Broward County government facilities will have areas designated as critical to security and public safety, pursuant to Broward County Ordinance 2003-08 Sections 26-121 and 26-122, as may be amended. The issuance of a contractor ID badge for unescorted access to facilities critical to security and public safety may entail a comprehensive statewide and national background check. Unescorted access to certain facilities occupied by the Broward Sheriff's Office (BSO) and the State Attorney's Office will require a national fingerprint-based records check per the Criminal Justice Information System (CJIS) policy.

A contractor employee found to have a criminal record consisting of felony conviction(s) shall be disqualified from access to the State Attorney's Offices and certain BSO facilities. A contractor employee with a record of misdemeanor offense(s) may be granted access if the System Security Officer (CSO), Terminal Access Coordinator (TAC), and FDLE determines that the nature of the offense(s) do not warrant disqualification. Applicants shall also be disqualified on the basis of confirmations that arrest warrants are outstanding for such applicants.

D. Contractor Work Crews:

Background investigations are generally not required for each member of a contractor work crew working on county premises and outside a building or structure. Examples are landscape crews and roofers. If it is necessary to enter the building or structure unescorted, these work crew members should obtain a contractor ID badge. If not, work crew members must be escorted at all times by the project manager, or designee, and must be under the direct supervision of a foreperson for the contractor. The foreperson must be aware of the crew members' whereabouts, has completed the appropriate background check for the location and type of work being undertaken, and has been issued and is displaying a contractor ID badge.

All members of a night cleaning crew must complete a background investigation appropriate to the requirements of the facility and so should all work crew members not escorted when working at a critical county facility.

Notwithstanding, the using agency is best positioned and suited to determine the safeguards and requirements that should be in place to manage the risks and consequences associated with the roles and activities of contractor, subcontractor, and work crews, when requesting a contractor ID badge. The agency is aware of the characteristics of the client population being served by the classes of persons, the need to safeguard high-value assets, and the requirement to comply with all statutory requirements governing background investigations.

E. Other Vendors:

Consultants, delivery personnel, and vending machine operators, without a County issued contractor badge, may obtain a Visitor pass and should be escorted by County personnel when accessing and working in designated non-public and employee work areas at both general facilities and facilities critical to security and public safety.

F. Port Everglades Locations:

1. The Port Everglades Department requires persons to present, at port entry, a valid driver's license, and valid reason for wishing to be granted port access in order to obtain a temporary/visitor ID badge. For persons who will visit the Port more than 15 times in a 90 day period, a permanent identification badge must be obtained and paid for by the contractor for all employees, subcontractors, agents and servants visiting or working on the port project. A restricted access badge application process will include fingerprints and a comprehensive background check. Badges must be renewed annually and the fees paid pursuant to Broward County Administrative Code, Section 42.6. For further

information, please call 954-765-4225.

2. All vehicles that are used regularly on the dock apron must have a Dockside Parking Permit. Only a limited number of permits will be issued per business entity. The fee is \$100.00 per permit/vehicle. Individuals requesting a permit must possess a valid Port-issued Restricted Access Area badge with a "Dock" destination. Requests for Dockside Parking Permits must be submitted in writing, on company letterhead, to the ID Badge Office. Applicants must demonstrate a need for access to the dock apron. Requests shall be investigated, and approved, if appropriate justification is provided. Supporting documentation must be supplied, if requested. Dock permits are not transferable and must be affixed to the lower left corner of the permitted vehicle's windshield. Should the permit holder wish to transfer the permit to another vehicle during the term of issuance, the permit will be removed and exchanged at no charge for a new permit. Only one business entity representative will be permitted on the dock at a time at the vessel location.
3. The Federal Government has instituted requirements for a Transportation Worker Identification Credential (TWIC) for all personnel requiring unescorted access to designated secure areas within Port Everglades. The contractor will be responsible for complying with the applicable TWIC requirements. For further information, please call 1-855-347-8371, or go on line to <https://www.tsa.gov/for-industry/twic>.

G. Airport Security Program and Aviation Regulations:

1. Consultant/contractor agrees to observe all security requirements and other requirements of the Federal Aviation Regulations applicable to Consultant/contractor, including without limitation, all regulations of the United States Department of Transportation, the Federal Aviation Administration and the Transportation Security Administration, and the Consultant/contractor agrees to comply with the County's Airport Security Program and the Air Operations area (AOA) Vehicle Access Program, and amendments thereto, and to comply with such other rules and regulations as may be reasonably prescribed by the County, and to take such steps as may be necessary or directed by the County to insure that sub lessees, employees, invitees and guests observe these requirements. If required by the Aviation Department, Consultant/contractor shall conduct background checks of its employees in accordance with applicable Federal regulations.
2. If as a result of the acts or omissions of Consultant/contractor, its sub lessees, employees, invitees or guests, the County incurs any fines and/or penalties imposed by any governmental agency, including without limitation, the United States Department of Transportation, the Federal Aviation Administration or the Transportation Security Administration, or any expense in enforcing any federal regulations, including without limitation, airport security regulations, or the rules or regulations of the County, and/or any expense in enforcing the County's Airport Security Program, then consultant/contractor agrees to pay and/or reimburse the County all such costs and expenses, including all costs of administrative proceedings, court costs, and attorneys' fees and all costs incurred by County in enforcing this provision. Consultant/contractor further agrees to rectify any security deficiency or other deficiency as may be determined as such by the County or the United States Department of Transportation, Federal Aviation Administration, the Transportation Security Administration, or any other federal agency. In the event consultant/contractor fails to remedy any such deficiency, the County may do so at the cost and expense of consultant/contractor. The County reserves the right to take whatever action is necessary to rectify any security deficiency or other deficiency.
3. Operation of Vehicles on the AOA: Before the consultant/contractor shall permit any employee of consultant/contractor or any sub consultant/subcontractor to operate a motor vehicle of any kind or type on the AOA (and unless escorted by an Aviation Department approved escort), the consultant/contractor shall ensure that all such vehicle operators possess current, valid, and appropriate Florida driver's licenses. In addition, any motor vehicles and equipment of consultant/contractor or of any sub consultant/subcontractor operating on the AOA must have an appropriate vehicle identification permit issued by the Aviation Department, which identification must be displayed as required by the Aviation Department.

4. **Consent to Search/Inspection:** The consultant/contractor agrees that its vehicles, cargo, goods, and other personal property are subject to being inspected and searched when attempting to enter or leave and while on the AOA. The consultant/contractor further agrees on behalf of itself and its sub consultant /subcontractors that it shall not authorize any employee or other person to enter the AOA unless and until such employee other person has executed a written consent-to-search/inspection form acceptable to the Aviation Department. Consultant/contractor acknowledges and understands that the forgoing requirements are for the protection of users of the Airport and are intended to reduce incidents of cargo tampering, aircraft sabotage, thefts and other unlawful activities at the Airport. For this reason, consultant/contractor agrees that persons not executing such consent-to-search/inspection form shall not be employed by the consultant/contractor or by any sub consultant/contractor at the Airport in any position requiring access to the AOA or allowed entry to the AOA by the consultant/contractor or by any sub consultant/contractors.
5. The provisions hereof shall survive the expiration or any other termination of this contract.

H. Water and Wastewater Services (WWS):

1. Contractors/Consultants may receive a WWS ID Badge and/or Access Card and/or Keys while working at WWS facility work sites. These items provide modified access to certain areas and systems otherwise restricted to non-WWS employees and can only be obtained from the WWS Security Manager. These items may be rescinded at the discretion of the WWS Security Officer. The WWS ID Badge, Access Card and/or Keys remain the property of Broward County and must be returned to your WWS contact person at the end of the contract/project.
2. All contractors will complete and sign the WWS Contractor/Consultant Security Memorandum and provide a copy of their Driver's License to be recorded on Schlage Card Access System Profile.
3. A lost or stolen ID Badge and/or Access Card and/or Keys must be reported to the Security Manager immediately.
4. WWS may terminate access to any contractor who acts inappropriately while on County property and has the right to contact BSO if necessary to have the contractor removed and/or file charges against them.

I. Additional Security Requirements for Parks and Recreation:

1. Contractor expressly understands and agrees that a duty is hereby created under this Contract that requires contractor to provide ongoing disclosure throughout the term of this Contract as provided for herein relative to the criminal background screening required by this Section.
2. Contractor shall perform criminal background screening as identified in Item 3 below on its officers, employees, agents, independent contractors and volunteers who will be working under this contract in any County park ("collectively referred to as "County Park Property"). Further, if contractor is permitted to utilize subcontractors under this contract, contractor shall perform or ensure that the background screening as required in Item 3 below is conducted on any permitted subcontractor, which term includes the subcontractor's officers, employees, agents, independent contractors and volunteers who will be working under this contract on County Park property.
3. Contractor shall not permit any person who is listed as a sexual predator or sexual offender on the Florida Department of Law Enforcement, Sexual Offenders and Predators Website or the United States Department of Justice, National Sex Offender Public Website, to provide any services for contractor on County Park Property. All persons subject to the criminal background screening under this contract shall be rescreened annually based on the date of initial screening.
4. Contractor shall maintain copies of the results of the criminal background screening required by this Section for the term of this contract and promptly forward copies of same to County, upon its request.
5. Contractor shall be required to furnish to County's Parks and Recreation Project Manager, on a monthly basis, an Affidavit affirming the persons listed in the Affidavit have been background screened as required in Item 3 above and have been deemed eligible by contractor to work on County Park property. Contractor's monthly Affidavit shall update

information from the previous Affidavit by reconfirming the status of persons who have previously been deemed eligible as provided for above and updating the list, when applicable, to specifically identify new persons providing services for contractor under this Contract who have been background screened as required in Item 3 above and deemed eligible to work on County Park Property. The Contract Administrator may, in his or her discretion, permit contractor to furnish the monthly Affidavit in an electronic format.

6. In the event contractor obtains, or is provided, supplemental criminal background information, including police reports and arrest information, which potentially disqualifies a person previously deemed eligible by contractor to provide services under this contract, contractor shall take immediate action to review the matter; however, during such review time and until a determination of eligibility is made by contractor based on the requirements of this Section, contractor shall immediately cease allowing the person to work on County Park Property. Additionally, contractor shall be required to inform any person background screened pursuant to this Section who is providing services under this contract, to notify contractor within forty-eight (48) hours of any arrest related to sexual misconduct which has occurred after the person was deemed eligible to work on County Park Property.
7. Contractor shall, by written contract, require its permitted subcontractors to agree to the requirements and obligations of this Section.
8. County may terminate this contract immediately for cause, with Notice provided to contractor, for a violation related to contractor's failure to perform the required background screening on its officers, employees, agents, independent contractors and volunteers who will be working under this Agreement on County Park Property. County may also terminate this contract immediately for cause, with Notice provided to contractor, if County determines contractor failed to ensure that its permitted subcontractors, as defined in Item 2 above, have been background screened as required in this section prior to performing any services under this Agreement on County Park Property. Contractor will not be subject to immediate termination in the event County determines a violation of this Section was outside the reasonable control of contractor and contractor has demonstrated to County compliance with the requirements of this Section.
9. County may terminate this contract for cause if contractor fails to provide the monthly Affidavit to County as provided for under Item 5 above, and contractor does not cure said breach within five (5) days of Notice provided to contractor.

VENDOR QUESTIONNAIRE
Quotations and Invitations for Bids

The completed Vendor Questionnaire should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may result in Vendor being deemed non-responsive.

If a response requires additional information, the Vendor should upload a written detailed response; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the form be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name:

2. Doing Business As/Fictitious Name (if applicable):

3. Federal Employer I.D. no. (FEIN):

4. Dun and Bradstreet No.:

5. Website address (if applicable):

6. Principal place of business address:

7. Office location responsible for this project:

8. Telephone no.:

Fax no.:

9. Type of business (check appropriate box):

☐ Corporation (specify the state of incorporation):

☐ Sole Proprietor

☐ Limited Liability Company (LLC)

☐ Limited Partnership

☐ General Partnership (State and County filled in)

☐ Other – Specify

10. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name:

Title:
E-mail:
Telephone No.:

Name:
Title:
E-mail:
Telephone No.:

Generic e-mail address for purchase orders:

(Broward County auto distributes purchase orders from its financial system. To ensure a firm receives a purchase order, it is suggested a company accessible e-mail address is used.)

11. List name and title of each principal, owner, officer, and major shareholder:

- a)
- b)
- c)
- d)

12. Affiliated Entities of the Principal(s): List the names and addresses of "affiliated entities" of the Vendor principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. Affiliated entities of the principal(s) are those entities related to the vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

- a)
- b)
- c)
- d)

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No

14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. ☐ Yes ☐ No

15. Specify the type of services or commodities your firm offers:

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16. How many years has your firm been in business while providing the services and/or products offered within this solicitation?

17. Is your firm's business regularly engaged in and routinely selling the product(s) or services offered within this solicitation? ☐ Yes ☐ No

18. Does your firm affirm that it is currently authorized by the manufacturer as a dealer/seller of the product(s) offered herein, and warranty offered is the manufacturer's warranty with Broward County recorded as the original purchaser? The County reserves the right to verify prior to a recommendation of award. ☐ Yes ☐ No
N/A (if service)
19. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☐ No
20. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☐ Yes ☐ No
21. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No
22. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached a written response, including contact information for owner and surety company. ☐ Yes ☐ No
23. If requested, will your firm extend the same price, terms and conditions to other governmental entities during the period covered by this contract? ☐ Yes ☐ No
24. Would your firm accept a Visa credit card as payment from Broward County, with no additional fees or change to bid price? Procurement Contract must be approved and designated for procurement card (p-card) by Director of Purchasing for use prior to ordering. ☐ Yes ☐ No
25. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.

Living Wage had an effect on the pricing Yes No

If yes, Living Wage increased the pricing by % or decreased the pricing by %.

26. Non-Collusion Certification: Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

Select One:

- ☐ Vendor certifies that this offer is made independently and free from collusion; or
- ☐ Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Questions 27 - 30 are only applicable to **service contracts** or a **construction contracts** (repair, maintain or furnish and install) solicitations:

27. What similar on-going contracts is your firm currently working on? If additional space is required, provide on

separate sheet.

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28. Has your firm completely inspected the project site(s) prior to submitting response? ☐ Yes ☐ No
29. Will your firm need to rent or purchase any equipment for this contract? If yes, please specify details in an attached a written response. ☐ Yes ☐ No
30. What equipment does your firm own that is available for this contract?

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31. Provide at least three (3) individuals, corporations, agencies, or institutions for which your firm has completed work of a similar nature or in which your firm sold similar commodities in the past three (3) years. Contact persons shall have personal knowledge of the referenced project/contract. Only one (1) Broward County Board of County Commissioners agency reference may be submitted. If any of the following references are inaccessible or not relevant, additional references may be requested by the County.

Reference 1:

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

Reference 2:

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

Reference 3:

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

Litigation History Requirement

- A. The County will consider a Vendor's litigation history information in its review and determination of responsibility. All Vendors are required to disclose to the County all "material" cases filed or resolved in the three (3) year period ending with the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. If the Vendor is a joint venture, the information provided should encompass the joint venture (if it is not newly formed for purposes of responding to the solicitation) and each of the entities forming the joint venture.
- B. For each material case, the Vendor is required to provide all information identified, on the Litigation History Form.
- C. For purpose of this disclosure requirement, a "case" includes lawsuits, administrative hearings and arbitrations. A case is considered to be "material" if it relates, in whole or in part, to any of the following:
 - 1. A similar type of work that the Vendor is seeking to perform for the County under the current solicitation;
 - 2. An allegation of negligence, error or omissions, or malpractice against the Vendor or any of its principals or agents who would be performing work under the current solicitation;
 - 3. A Vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract;
 - 4. The financial condition of the Vendor, including any bankruptcy petition (voluntary and involuntary); or
 - 5. A criminal proceeding or hearing concerning business-related offenses in which the Vendor or its principals (including officers) were/are defendants.
- D. Notwithstanding the descriptions listed in paragraphs 1 – 5 above, a case is not considered to be "material" if the claims raised in the case involve only garnishment, auto negligence, personal injury, or a proof of claim filed by the Vendor.
- E. A Vendor is also required to disclose to the County any and all case(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project.
- F. Failure to disclose any material case, or to provide all requested information in connection with each such case, may result in the Vendor being deemed non-responsive. Prior to making such determination, the Vendor will have the ability to clarify the submittal and to explain why an undisclosed case is not material.

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☐ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, Name of Parent/Subsidiary/Predecessor: or No ☐	
Party	Vendor is Plaintiff ☐ Vendor is Defendant ☐	
Case Number, Name, and Date Filed		
Name of Court or other tribunal		
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐	
Claim or Cause of Action and Brief description of each Count		
Brief description of the Subject Matter and Project Involved		
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? Yes ☐ No ☐	
Opposing	Name:	

Counsel

Email:

Telephone Number:

Vendor Name:

DOMESTIC PARTNERSHIP REQUIREMENTS CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, as amended, requires all Vendors contracting with the County, in an amount over \$100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees spouses, with certain exceptions as provided by the Ordinance.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances, as amended; and certifies the following: **(check only one below)**.

- ☐ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees spouses.
- ☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.
- ☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.
- ☐ The Vendor employs less than five (5) employees.
- ☐ The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
- ☐ The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
- ☐ The Vendor does not provide benefits to employees' spouses.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation (State the law, statute or regulation and attach explanation of its applicability).

AUTHORIZED SIGNATURE/ NAME

TITLE

DATE

DRUG-FREE WORKPLACE REQUIREMENT CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board Award be made only to firms certifying the establishment of a drug free workplace.

The undersigned vendor hereby certifies that it will provide a drug-free workplace program by:

- (1) Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;
- (2) Establishing a continuing drug-free awareness program to inform its employees about:
 - i. The dangers of drug abuse in the workplace;
 - ii. The offeror's policy of maintaining a drug-free workplace;
 - iii. Any available drug counseling, rehabilitation, and employee assistance programs; and
 - iv. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (3) Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph (1);
- (4) Notifying all employees, in writing, of the statement required by subparagraph (1), that as a condition of employment on a covered contract, the employee shall:
 - i. Abide by the terms of the statement; and
 - ii. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.
- (5) Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision (4) (ii) above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
- (6) Within 30 calendar days after receiving notice under subparagraph (4) of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
 - i. Taking appropriate personnel action against such employee, up to and including termination; or
 - ii. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and
- (7) Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs (1) through (6).

AUTHORIZED SIGNATURE/ NAME

TITLE

DATE

LOCAL BUSINESS OR LOCALLY-HEADQUARTERED BUSINESS CERTIFICATION FORM

The completed and signed form and a copy a business's local business tax receipt (or if exempt, documentation establishing physical presence at location for one year prior to bid submission) should be returned with the Vendor submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may render the business ineligible for application of the Local Preference.

This form is used to determine applicability of Local Preference, in accordance with Section 1-74, et. seq., Broward County Code of Ordinances. A local business or locally-headquartered business in Broward County or Miami-Dade County, meeting the requirements is eligible for Local Preference, in accordance with the Broward County Local Preference Ordinance and Broward County's Interlocal Reciprocity Agreement with Miami-Dade County.

If the low responsive and responsible bidder is not a local or a locally-headquartered business, any and all qualifying local businesses submitting a price within ten percent (10%) of the non-local low responsive and responsible bidder, and any and all qualifying locally-headquartered businesses submitting a price within fifteen percent (15%) of the non-local low responsive and responsible bidder, then all qualifying bidders shall have an opportunity to submit a best and final bid, equal to or lower than the low bid.

If the low responsive and responsible bidder is a local business, but not a locally-headquartered business, then any and all locally-headquartered businesses submitting a bid price within five percent (5%) of the local low bidder shall have an opportunity to submit a best and final bid equal to or lower than the low bid.

All qualifying bidders must be determined responsive and responsible prior to submitting a best and final bid. Award, if any, shall be made to the responsive and responsible bidder offering the lowest best and final bid regardless of location.

A Local Business is a business which:

- A. possesses a valid local business tax receipt (or if exempt documentation establishing physical presence at location) issued at least one year prior to bid or proposal submission;
- B. has a physical business address located within the limits of the County from which the business operates or performs business;
- C. is in an area zoned for the conduct of the business; and
- D. provides a substantial component of goods and/or services being offered from that location.

A Locally-Headquartered Business is a business which: has its principal place of business within the County. A principal place of business is defined as the nerve center of overall direction, control, and coordination of activities of the business. If a business only has one location, the location shall be considered the principle place of business.

Vendor shall check all that apply. Vendor hereby certifies it is a:

☐ Local Business ☐ Locally-Headquartered Business

Local or Locally-Headquartered Business Address:

☐ Vendor is not a Local Business or Locally-Headquartered Business in Broward County or Miami Dade County.

Authorized Signature/Name

Title

Vendor Name

Date

SCRUTINIZED COMPANIES LIST REQUIREMENT CERTIFICATION FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non responsive for failure to fully comply within stated timeframes.

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor, by virtue of the signature below, certifies that:

- a. The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4725 Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- b. The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- c. If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

**Authorized
Signature/Name**

Title

Vendor Name

Date

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name:

-

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

-

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

-

2. Subcontracted Firm's Name:

-

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

-

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

3. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

4. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge.

Authorized Signature/Name	Title	Vendor Name	Date

TRENCH SAFETY ACT REQUIREMENT FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

Florida Trench Safety Act, Section 553.60, Florida Statutes, incorporates the Occupational Safety & Health Administration (OSHA) excavation safety standards, 29 C.F.R Section 1926.650, as Florida's own standards. The Trench Safety Act will apply to any individual project that has trenches in excess of 5 feet deep.

The Vendor, by virtue of the solicitation submission, affirms that the Vendor is aware of this Act, and will comply with all applicable trench safety standards, including any special shoring requirements, if applicable. Such assurance shall be legally binding on all persons employed by the Vendor and subcontractors.

The Vendor is also obligated to identify the anticipated method and cost of compliance with the applicable trench safety standards. The Vendor further identified the costs and methods summarized below: (fill in either Open-End or Fixed Contract section)

Open-end Contract:

Description	Unit of Measure	Unit Price	Method

Special Shoring, if applicable:

SQ. FT.

Fixed Contract:

Description	Unit of Measure	Quantity	Unit Price	Ext. Price	Method

Special Shoring, if applicable:

SQ. FT.

Unit Price

Method

Total \$

Authorized Signature/Name

Title

Vendor Name

Date

Workforce Investment Program Requirements:

- A. In accordance with Broward County Workforce Investment Program, Administrative Code, Section 19.211, the Workforce Investment Program (Program) this solicitation is a covered contract if the open-end contract award value exceeds \$500,000 per year or if the individual project value exceeds \$500,000 under a fixed-term contract. The Program encourages Vendors to utilize CareerSource Broward (CareerSource) and their contract partners as a first source for employment candidates for work on County-funded projects, and encourages investment in Broward County economic development through the hiring of economically disadvantaged or hard-to-hire individuals.
- B. Compliance with the Program, including compliance with First Source Referral and the Qualifying New Hires goals, is a matter of responsibility. Vendor should submit the **Workforce Investment Program Certification Form** with its response. If not provided with solicitation submittal, the Vendor must supply within three business days of County's request. Vendor may be deemed non-responsible for failure to comply within stated timeframes.
- C. The following is a summary of requirements contained in the Program. This summary is not all-inclusive of the requirements of the Program. If there is any conflict between the following summary and the language in the Program, the language in the Program shall prevail. In compliance with the Program, Vendor (and/or its subcontractors) shall agree to:
 - 1. be bound to contractual obligations under the contract;
 - 2. use good faith efforts to meet First Source Referral goal for vacancies that result from award of this contract;
 - 3. publicly advertise any vacancies that are the direct result of this contract, exclusively with CareerSource for at least five (5) business days;
 - 4. review qualifications of CareerSource's Qualified Referrals and use good faith efforts to interview Qualified Referrals that appear to meet the required qualifications;
 - 5. use good faith efforts to hire Qualifying New Hires (as defined by the Program) for at least fifty percent (50%) of the vacancies (rounded up) that are the direct result of this contract;
 - 6. obtain a hired worker's written certification, attesting to a status as a Qualifying New Hire, Economically Disadvantaged Worker, or Hard-to-Hire worker (if applicable);
 - 7. retain records relating to Program requirements, including: records of all applicable vacancies; job order requests to CareerSource; qualified referral lists; and records of candidates interviewed and the outcome of the interviews.
 - 8. provide to the County any documents and records demonstrating Vendor's compliance and good faith efforts to comply with the Program;
 - 9. submit to the County an annual report by January 31st and within 30 days of contract completion or expiration; and
 - 10. ensure that all of its subcontractors comply with the requirements of the Program.

- D. Further information about the Program, Vendor's obligations, and the Qualifying New Hire's certification form may be obtained on the Office of Economic and Small Business Development website:

broward.org/econdev/Pages/WorkforceInvestmentProgram.aspx. Vendor is responsible for reading and understanding requirements of the Program.

- E. Subcontractors: Vendor's subcontractors shall use good faith efforts to meet the First Source Referral and the Qualifying New Hires goals, in accordance with the Program. The Vendor shall include in any subcontracts a requirement that the all subcontractors comply with the Program requirements. The Vendor shall be responsible for compliance by any subcontractor with the Program as it applies to their subcontract.
- F. Reporting: Vendor shall maintain and make available to County upon request all records documenting Vendor's compliance and its subcontractors' compliance with the requirements of the Program, and shall submit the required reports to the Contract Administrator annually by January 31 and within thirty (30) days after the conclusion of this contract. Failure to timely comply with reporting requirements shall constitute a material breach of this contract.
- G. Evaluation: The Contract Administrator will document the Vendor's compliance and good faith efforts as part of the Vendor's Performance Evaluation.
- H. Failure to demonstrate good faith efforts to meet the First Source Referral and the Qualifying New Hires goal shall constitute a material breach of this contract.

WORKFORCE INVESTMENT PROGRAM CERTIFICATION FORM

This form(s) should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. Vendor may be deemed non-responsible for failure to comply within stated timeframes.

In accordance with the Workforce Investment Program:

(Vendor) agrees to be bound to the contractual obligations of the Workforce Investment Program, Broward County Administrative Code Section 19.211, requiring our firm to use good faith efforts to meet the First Source Referral Goal and the Qualifying New Hires Goal.

The statement must be signed by an authorized signatory of the firm. Receipt of the signed statement from the Vendor is a matter of responsibility. A firm not offering an affirmative response in this regard will be found "non-responsible" to the solicitation and not eligible for further evaluation or award.

AUTHORIZED SIGNATURE/NAME

TITLE

DATE

Bid Guaranty, Performance and Payment Guaranties, and Qualifications of Surety Requirements:

- A. **Bid Guaranty:** All solicitation submittals shall be accompanied by a bid bond executed by a surety company meeting the Qualifications of Surety Requirements. Failure to submit a bid guaranty by solicitation due date and time, and in accordance with instructions will deem Vendor non-responsive. A copy of the County-approved **Bid Bond Form** may be found at: www.broward.org/Purchasing/Pages/StandardTerms.aspx, under the section "Standard Guaranty and Bond Forms".
1. In lieu of the bid bond, the following will be acceptable: cash, money order, certified check, cashier's check, an original **Bid Guaranty – Unconditional Letter of Credit**, treasurer's check or bank draft of any national or state bank (United States). A personal check or a company check of a Vendor is not a valid bid guaranty.
 2. The bid guaranty shall be in an amount equal to five percent (5%) of the total price offered, payable to the Board of County Commissioners and conditioned upon the successful Vendor providing the Performance and Payment Guaranty, evidence of insurance, or any other requirements set forth within the solicitation, within 15 calendar days after notification of award of the contract.
 3. Guaranty of the successful Vendor shall be forfeited to the Board of County Commissioners not as a penalty, but as liquidated damages for the cost and expense incurred should said Vendor fail to provide the required Performance and Payment Guaranty or Certificate of Insurance or fail to comply with any other requirements set forth in the solicitation. Upon request, bid guaranties of unsuccessful vendors will be returned after award of contract or expiration of bid validity.
 4. Vendors must either submit an electronic bid bond through BidSync or submit an original bid guaranty to the Purchasing Division, by solicitation due date and time, or Vendor may be deemed non-responsive.
 - a. To submit an electronic bid bond, Vendor must submit through BidSync, using [Surety 2000](#). The Vendor should copy and paste the information from Bid Sync and provide to the bonding agent; the bonding agent should copy and paste information provided by Vendor into the Surety 2000 system to reduce errors. An original bid bond will not be required when the bid bond is submitted electronically through Surety 2000. Note – Vendors, bonding agents, and surety companies must be registered with Surety 2000 to use the service; contact [Surety 2000](#) to find out information regarding their service. Broward County's vendor identification number for Surety 2000 is P06145037.
 - b. To submit an original bid guaranty, in lieu of submitting an electronic bid bond through BidSync, Vendor must submit an original bid guaranty in a sealed envelope, with the solicitation number, solicitation title, date and the time of bid opening, and address listed on the envelope. A copy of the bid guaranty should also be uploaded into Bid Sync; this does not replace the requirement to have an original bid guaranty. Vendors must submit the original bid guaranty, by the solicitation due date and time, to:

Broward County Purchasing Division
115 South Andrews Avenue, Room 212
Fort Lauderdale, FL 33301

- B. **Performance and Payment Guaranties:** within 15 calendar days of being notified of the award of contract, Vendor shall furnish the referenced Performance Bond and a Payment Bond containing all the provisions of the [Performance Bond Form](#) and [Payment Bond Form](#).
1. The bonds shall be in the amount of Twenty-Five percent (25%) of the contract amount guaranteeing to County the completion and performance of the work covered in such Contract as well as full payment of all suppliers, material men, laborers, or subcontractors employed pursuant to this project. Such bond(s) shall be with a surety company which is qualified pursuant to the section, Qualifications of Surety.
 2. Each bond shall continue in effect for one year after completion and acceptance of the work with liability equal to one hundred percent (100%) of the Contract price, or an additional bond shall be conditioned that the Vendor will upon notification by the County, correct any defective or faulty work or materials which appear within one year after completion of the Contract.
 3. Pursuant to the requirements of Section 255.05(1), Florida Statutes, Vendor shall ensure that the bonds referenced above shall be recorded in the public records of Broward County and provide County with evidence of such recording.
 4. In lieu of the performance and payment bond, Vendor may furnish an alternate form of security which may be in the form of cash, money order, certified check, cashier's check or an original [Irrevocable Letter of Credit](#). Such alternate forms of security shall be for the same purpose and shall be subject to the same conditions as those applicable above and shall be held by the County for one year after completion and acceptance of the work.
 5. The Vendor is required at all times to have valid Performance and Payment Guaranties (or other approved security) in force covering the work being performed.
 6. The Vendor agrees to keep such Guaranties (or other security) in effect for the duration of the contract. If the contract is extended or renewed, it shall be subject to the same bonding (or other approved security) requirements.
- C. **Qualifications of Surety Requirements:** A bid bond performance bond, and payment bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida, having a resident agent in the State of Florida, and having been in business with a record of successful continuous operation for at least five years.
1. In addition to the above-minimum qualifications, the surety company must meet at least one of the following additional qualifications:
 - a. The surety company shall hold a current Certificate of Authority as acceptable surety on federal bonds in accordance with the United States Department of Treasury Circular 570, current revision. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, Revised (31 DFR Section 223.10 Section 223.11). Further, the surety company shall provide the County with evidence satisfactory to the County, that such excess risk has been protected in an acceptable manner.
 - b. For bonds up to \$2 million, the surety company shall hold a current Certificate of

Authority with the Florida Office of Insurance Regulation.

- c. The surety company shall have at least the following minimum ratings:

Amount of Bond		Surety Ratings	Financial Size Category
\$500,001	to \$1,000,000	A, A-	Class I
\$1,000,001	to \$2,000,000	A, A-	Class II
\$2,000,001	to \$5,000,000	A	Class III
\$5,000,001	to \$10,000,000	A	Class IV
\$10,000,001	to \$25,000,000	A	Class V
\$25,000,001	to \$50,000,000	A	Class VI
\$50,000,001	to or more	A	Class VII

2. For projects which do not exceed \$500,000, the County shall accept a Bid Bond and Performance and Payment Bond from a surety company which has twice the minimum surplus and capital required by the Florida Office of Insurance Regulation at the time the solicitation is issued, if the surety company is otherwise in compliance with the provisions of the Florida Insurance Code, and if the surety company holds a currently valid Certificate of Authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code.
3. If the surety company fails to meet the minimum standards, a bond from a surety that meets the minimum standards must be provided to satisfy the bonding requirements.

General Decision Number: FL170150 09/01/2017 FL150

Superseded General Decision Number: FL20160150

State: Florida

Construction Type: Heavy

County: Broward County in Florida.

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	07/14/2017
2	08/04/2017
3	09/01/2017

ELEC0728-006 03/01/2017

	Rates	Fringes
ELECTRICIAN.....	\$ 30.50	11.43

ENGI0487-014 07/01/2013

	Rates	Fringes
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OPERATOR: Crane
All Tower Cranes Mobile,
Rail, Climbers, Static-
Mount; All Cranes with
Boom Length 150 Feet &
Over (With or without jib)
Friction, Hydraulic,
Electric or Otherwise;
Cranes 150 Tons & Over;
Cranes with 3 Drums (When
3rd drum is rigged for
work); Gantry & Overhead
Cranes; Hydraulic Cranes
Over 25 Tons but not more
than 50 Tons;
Hydraulic/Friction Cranes;
& All Types of Flying
Cranes; Boom Truck.....\$ 29.05 8.80
Cranes with Boom Length
Less than 150 Feet (With
or without jib); Hydraulic
Cranes 25 Tons & Under, &

Over 50 Tons (With Oiler);

Boom Truck.....	\$ 28.32	8.80
OPERATOR: Drill.....	\$ 25.80	8.80
OPERATOR: Oiler.....	\$ 22.99	8.80

IRON0272-005 02/01/2017

	Rates	Fringes
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IRONWORKER, STRUCTURAL.....	\$ 24.51	9.48
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LAB01652-004 06/01/2013

	Rates	Fringes
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LABORER: Grade Checker.....	\$ 14.50	4.92
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* PAIN0365-007 07/01/2017

	Rates	Fringes
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PAINTER: Brush, Roller and Spray.....	\$ 20.21	10.08
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SUFL2009-146 06/24/2009

	Rates	Fringes
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CARPENTER, Includes Form Work....	\$ 17.00	2.51
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CEMENT MASON/CONCRETE FINISHER...	\$ 15.00	8.64
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LABORER: Common or General.....	\$ 9.87	3.24
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LABORER: Landscape.....	\$ 7.25	0.00
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LABORER: Pipelayer.....	\$ 14.00	2.42
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LABORER: Power Tool Operator (Hand Held Drills/Saws, Jackhammer and Power Saws Only).....	\$ 10.63	2.20
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OPERATOR: Asphalt Paver.....	\$ 11.59	0.00
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OPERATOR: Backhoe Loader Combo.....	\$ 16.10	2.44
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OPERATOR: Backhoe/Excavator.....	\$ 18.77	1.87
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OPERATOR: Bulldozer.....	\$ 14.95	0.81
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OPERATOR: Grader/Blade.....	\$ 16.00	2.84
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OPERATOR: Loader.....	\$ 14.00	2.42
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OPERATOR: Mechanic.....	\$ 14.32	0.00
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OPERATOR: Roller.....	\$ 10.95	0.00
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OPERATOR: Scraper.....	\$ 11.00	1.74
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OPERATOR: Trackhoe.....	\$ 20.92	5.50
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OPERATOR: Tractor.....	\$ 10.54	0.00
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TRUCK DRIVER, Includes Dump		
Truck.....	\$ 9.60	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 12.73	0.00
TRUCK DRIVER: Off the Road		
Truck.....	\$ 12.21	1.97

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1,

2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Insurance Requirements: (Refer to the Insurance Requirement Form)

- A. The insurance requirement designated in the **Insurance Requirement Form** indicates the minimum coverage required for the scope of work, as determined by the Risk Management Division. Vendor shall provide verification of compliance such as a Certificate of Insurance, or a letter of verification from the Vendor's insurance agent/broker, which states the ability of the Vendor to meet the requirements upon award. The verification must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. Final award shall be subject to receipt and acceptance by the County of proof of meeting all insurance requirements of the bid.
- B. Without limiting any of the other obligations or liabilities of Vendor, Vendor shall provide, pay for, and maintain on a primary basis in force until all of its work to be performed under this Contract has been completed and accepted by County (or for such duration specified), at least the minimum insurance coverage and limits set forth in the Insurance Requirement Form under the following conditions listed below. If a limit or policy is not indicated on Insurance Requirement certificate by a checked box, it is not required as a condition of this contract.
1. Commercial General Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage, and when indicated a minimum limit per aggregate. County is to be expressly included as an Additional Insured in the name of Broward County arising out of operations performed for the County, by or on behalf of Vendor, or acts or omissions of Vendor in connection with general supervision of such operation. If Vendor uses a subcontractor, then Vendor shall require that subcontractor names County as an Additional Insured.
 2. Business Automobile Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage. Scheduled autos shall be listed on Vendor's certificate of insurance. County is to be named as an additional insured in the name of Broward County.

Note: Insurance requirements for Automobile Liability are not applicable where delivery will be made by a third party carrier. All vendors that will be making deliveries in their own vehicles are required to provide proof of insurance for Automobile Liability and other pertinent coverages as indicated on the Insurance Requirement certificate, prior to award. If deliveries are being made by a third party carrier, other pertinent coverages listed on the Insurance Requirement certificate are still required.

Vendor should indicate how product is being delivered:

Vendor Name:

Company Vehicle: Yes ☐ or No ☐

If Common Carrier (indicate carrier):

Other:

3. Workers' Compensation insurance to apply for all employees in compliance with Chapter 440, the "Workers' Compensation Law" of the State of Florida and all applicable federal

laws. The policy must include Employers' Liability with minimum limits each accident. If any operations are to be undertaken on or about navigable waters, coverage must be included for the U.S. Longshoremen & Harbor Workers Act and Jones Act.

4. Excess Liability/Umbrella Insurance may be used to satisfy the minimum liability limits required; however, the annual aggregate limit shall not be less than the highest "each occurrence" limit for the underlying liability policy. Vendor shall endorse County as an Additional Insured unless the policy provides coverage on a pure/true "Follow-form" basis.
5. Builder's Risk or equivalent coverage (such as Property Insurance or Installation Floater) is required as a condition precedent to the issuance of the Second Notice to Proceed for projects involving but not limited to: changes to a building's structural elements, work compromising the exterior of the building for any extended period of time, installation of a large single component, or remodeling where the cost of remodeling is 20% or more the value of the property. Coverage shall be, "All Risks" Completed Value form with a deductible not to exceed Ten Thousand Dollars (\$10,000.00) each claim for all perils except for wind and flood.
6. For the peril of wind, the Vendor shall maintain a deductible that is commercially feasible which does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
7. For the peril of flood, coverage must be afforded for the lesser of the total insurable value of such buildings or structures, and the maximum amount of flood insurance coverage available under the National Flood Program. Vendor shall maintain a deductible that is commercially feasible and does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
8. The County reserves the right to provide Property Insurance covering the Project, materials, equipment and supplies intended for specific installation in the Project while such materials, equipment and supplies are located at the Project site, in transit, or while temporarily located away from the Project site. This coverage will not cover any of the Vendor's or subcontractors' tools, equipment, machinery or provide any business interruption or time element coverage to the Vendor(s).
9. If the County decides to purchase Property Insurance or provide for coverage under its existing insurance policy for this Project, then the insurance required to be carried by the Vendor may be modified to account for the insurance being provided by the County. Such modification may also include execution of Waiver of Subrogation documentation.
10. In the event that a claim occurs for this Project and is made upon the County's insurance policy, for other than a windstorm, Vendor will pay at least Ten Thousand Dollars (\$10,000.00) of the deductible amount for such claim.
11. Waiver of Occupancy Clause or Warranty: Policy must be specifically endorsed to eliminate any "Occupancy Clause" or similar warranty or representation that the building (s), addition(s) or structure(s) in the course of construction shall not be occupied without specific endorsement of the policy. The Policy must be endorsed to provide that the Builder's Risk coverage will continue to apply until final acceptance by County.
12. Pollution Liability or Environmental Impairment Liability: including clean-up costs, with minimum limits per claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated, include an annual policy aggregate and name Broward County as an Additional Insured. Vendor shall be responsible for all deductibles in the event of a claim.

13. Professional Liability Insurance with minimum limits for each claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated. Vendor shall notify County in writing within thirty (30) days of any claim filed or made against its Professional Liability Insurance policy. Vendor shall be responsible for all deductibles in the event of a claim. The deductible shall be indicated on the Vendor's Certificate of Insurance.

- C. Coverage must be afforded on a form no more restrictive than the latest edition of the respective policy form as filed by the Insurance Services Office. If the initial insurance expires prior to the completion and acceptance of the Work, renewal certificates shall be furnished upon expiration. County reserves the right to obtain a certified copy of any insurance policy required by this Section within fifteen (15) calendar days of a written request by County.
- D. Notice of Cancellation and/or Restriction: the policy(ies) must be endorsed to provide Broward County with at least thirty (30) days' notice of cancellation and/or restriction.
- E. The official title of the Certificate Holder is Broward County. This official title shall be used in all insurance documentation.
- F. Broward County's Risk Management Division reserves the right, but not the obligation, to review and revise any insurance requirements at the time of contract renewal and/or any amendments, not limited to deductibles, limits, coverages and endorsements based on insurance market conditions affecting the availability or affordability of coverage; or changes in the scope of work/specifications affecting the applicability of coverage.

Insurance Requirement

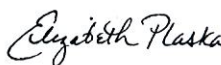
The following coverage is deemed the minimum insurance required for this project. The selected firm must be prepared to provide proof of insurance commensurate with or in excess of this requirement. Any deviation is subject to the approval of Risk Management.

TYPE OF INSURANCE	Limits on Liability in Thousands of Dollars		
		Each Occurrence	Aggregate
GENERAL LIABILITY - Broad form ☒ Commercial General Liability ☒ Premises-Operations ☐ Explosion & Collapse Hazard ☐ Underground Hazard ☒ Products/Completed Operations Hazard ☒ Contractual Insurance ☒ Independent Contractors ☒ Personal Injury ☐ Other:	Bodily Injury		
	Property Damage		
	Bodily Injury and Property Damage Combined	\$ 1 mil	\$ 2 mil
	Personal Injury		
AUTO LIABILITY ☒ Comprehensive Form ☒ Owned ☒ Hired ☒ Non-owned ☒ Any Auto, If applicable	Bodily Injury (each person)		
	Bodily Injury (each accident)		
	Property Damage		
	Bodily Injury and Property Damage Combined	\$ 1 mil	
EXCESS LIABILITY ☐ Umbrella Form ☐ Other than Umbrella Form	Bodily Injury and Property Damage Combined		
☒ WORKER'S COMPENSATION	(each accident)	STATUTORY	
☒ EMPLOYER'S LIABILITY		\$ 1 mil	
☐ PROFESSIONAL LIABILITY ~ E&O	Claims-made form w/ Extended Reporting Period of yr. Deductible not to exceed: \$		
☐ PRINTERS & PUBLISHERS LIABILITY ~E&O	Max. Ded. \$25K	CONTRACTOR RESPONSIBLE FOR DEDUCTIBLE	
☐ PROPERTY COVERAGE /BUILDER'S RISK "ALL RISK" WITH WIND AND FLOOD Coverage must remain in force until written final acceptance by County.	Maximum Deductible: \$10 k DED for WIND or WIND & FLOOD not to exceed 5% of completed value CONTRACTOR IS RESPONSIBLE FOR DEDUCTIBLE		Completed Value
☐ Installation floater is required if Builder's Risk or Property are not carried. Coverage must be "All Risk", completed value. Coverage must remain in force until written final acceptance by County	Maximum Deductible: \$10 k CONTRACTOR IS RESPONSIBLE FOR DEDUCTIBLE		Completed Value

Broward County is listed as an additional insured on the general liability and automobile liability policies. Waiver of subrogation in favor of Certificate Holder applies to general liability, automobile liability, and workers compensation.
REF: Lift Station Rehabilitation

CANCELLATION: Notice of cancellation is required to the Certificate Holder:

Certificate Holder:
 Broward County
 2555 West Copans Rd
 Pompano Beach, FL 33069
 Attn: WWS



ELIZABETH PLASKA
 dc=cty, dc=broward, dc=bc,
 ou=Organization, ou=BCC, ou=RM,
 ou=Users, cn=ELIZABETH PLASKA
 2017.01.20 13:38:06 -05'00'

Risk Management Division

Question and Answers for Bid #Y2114640B1 - SEWER LIFT STATION, REHABILITATION AND REPAIR

Overall Bid Questions

Question 1

Is there an engineer's estimated budget for this project? (Submitted: Sep 27, 2017 4:40:45 PM EDT)

Answer

- The engineer's estimate for this project is \$3,800,000. (Answered: Sep 28, 2017 8:58:43 AM EDT)

Question 2

Is there a potential date you would like the work to begin? (Submitted: Sep 29, 2017 8:49:43 AM EDT)

Answer

- Work will start soon after the project is awarded. (Answered: Oct 3, 2017 4:23:05 PM EDT)