

**CITY OF DELRAY BEACH  
CHANGE ORDER TO ORIGINAL CONTRACT**

CHANGE ORDER NO. 1

PROJECT NO. 16-030

DATE: July 24, 2018

PROJECT TITLE: Master Lift Station #1 Rehabilitation

TO CONTRACTOR: Southeastern Engineering Contractors, Inc.

YOU ARE HEREBY REQUESTED TO MAKE THE FOLLOWING CHANGES IN THE PLANS AND SPECIFICATIONS FOR THIS PROJECT AND TO PERFORM THE WORK ACCORDINGLY, SUBJECT TO ALL CONTRACT STIPULATIONS AND COVENANTS.

**JUSTIFICATION:**

Change Order No. 1: in an amount not to exceed amount of \$63,732.48 with forty-five additional calendar days is requested for the following reasoning:

Item No. 1 – Additional Time for Demolition Permit. No cost, 45 days.

The existing Facility needed to be partially demolished to allow construction of the new Lift Station to commence while keeping the existing Lift Station in service. Since the existing FPL Electrical Service to the Facility needed to remain energized during the partial Demolition, this caused delays in getting the Demolition Permit due to safety concerns of the Building Department.

Item No. 2 – Installation of a 20" Linestop. \$14,924.76

Construction of the new Lift Station required connection of new piping to the existing Force Main. During Design it was anticipated the Contractor could cut the existing Force Main, drain the line and make the new connection. Due to environmental concerns should a spill occur during this process, as well as the volume of effluent that would need disposal, it was determined that the installation of a Line Stop to stop the flow would be in the best interest of all parties.

Item No. 3 – Valve Vault size, Manifold Piping & Hatches. \$10,807.72 (Rev 1, Sheets C3, C4, M3, M4)

Due to the unusually large diameter of the Force Main Manifold piping, the piping had to be located outside of the Valve Vault. City standard details using mechanical joints could not be used because of the size of the manifold fittings. Flanged fittings (that cost more) were used in lieu of mechanical fittings to keep the manifold as compact as possible. The Valve Vault size was increased slightly and the hatches were adjusted to provide more room for increased pipe spacing due to these large fittings.

Item No. 4 – Test Lab Allowance, \$3,000.00

The Project will require a small amount of Testing to ensure backfill compaction procedures and cast in place Concrete meet specified requirements. The Contract documents require the City to provide and pay for this service. The City no longer provides this service and in current Construction Documents, Contractors are required to provide this service and invoice against an allowance for payment.

Item No. 5 – Contingency Allowance, \$35,000

No Contingency Allowance was included in this Contract for minor changes or additions that always come up in Construction Projects. To eliminate the time required to bring these minor items before the Commission for approval, an additional Contingency Allowance would expedite the overall execution of the Construction Contract.

The above items shall be funded from Account No. 442-36-260-537.68-15.

ADJUSTED ADDITIONAL CONTRACT TIME FOR THIS CHANGE ORDER: Forty-five (45) Calendar Days

TOTAL PERCENT INCREASE CONTRACT AMOUNT + 4.8%

Revised Substantial Completion Date: February 25, 2019

Revised Final Completion Date: April 26, 2019

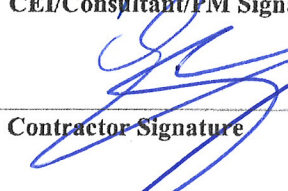
SUMMARY OF CONTRACT AMOUNT/CHANGES

ORIGINAL CONTRACT AMOUNT	\$ 1,323,689.00
COST OF CONSTRUCTION CHANGES PREVIOUSLY ORDERED	\$ 0.00
ADJUSTED CONTRACT AMOUNT PRIOR TO THIS CHANGE ORDER	\$ 1,323,689.00
COST OF CONSTRUCTION CHANGES THIS ORDER	\$ 63,732.48
ADJUSTED CONTRACT AMOUNT INCLUDING THIS CHANGE ORDER	\$ 1,387,421.48
PERCENT INCREASE THIS CHANGE ORDER	<u>4.8%</u>
TOTAL PERCENT INCREASE TO DATE	<u>4.8%</u>
TOTAL CONTRACT TIME WILL BE INCREASED BY	<u>45</u> DAYS

CERTIFIED STATEMENT: I hereby certify that the supporting cost data included is, in my considered opinion, accurate and that the prices quoted are fair and reasonable.

  
CEI/Consultant/PM Signature

7/27/18  
Date

  
Contractor Signature

7/26/18  
Date

Eduardo Dominguez, President  
Type or Print Name and Title

TO BE FILLED OUT BY DEPARTMENT INITIATING CHANGE ORDER

Utilities

Account No. 442-36-260-537.68-15

DEPARTMENT

FUNDING

CERTIFIED BY

CITY DELRAY BEACH, FLORIDA

RECOMMENDED: \_\_\_\_\_  
Susan Goebel-Canning, Director Public Works

By: \_\_\_\_\_  
Mark Lauzier, City Manager

ATTEST:

APPROVED: \_\_\_\_\_  
R. Max Lohman, City Attorney

By: \_\_\_\_\_  
Katerri Johnson, City Clerk



ITEM # 1

July 19, 2018

Mr. Richard M. Chipman  
Construction Manager  
Mathews Consulting  
477 S. Rosemary Ave. Suite 330  
Pompano Beach, Florida 33401

Re: Lift Station 1 FPL/ Demo Permitting Delay  
Project: City of Delray Beach Lift Station No.1 Rehabilitation  
Project No.:16-030

Dear Mr. Chipman:

As you are aware, Southeastern Engineering Contractors, Inc. has engaged FPL since the very beginning of the project to coordinate the FPL preconstruction meeting and to procure the letter of disconnect. This process substantially delayed procurement of the demo permit, phase one demolition and all other activities on the critical path of the project.

Attached is our updated schedule, we have done our best to reconfigure the activities to mitigate the delay but respectfully request a time extension of 45 days

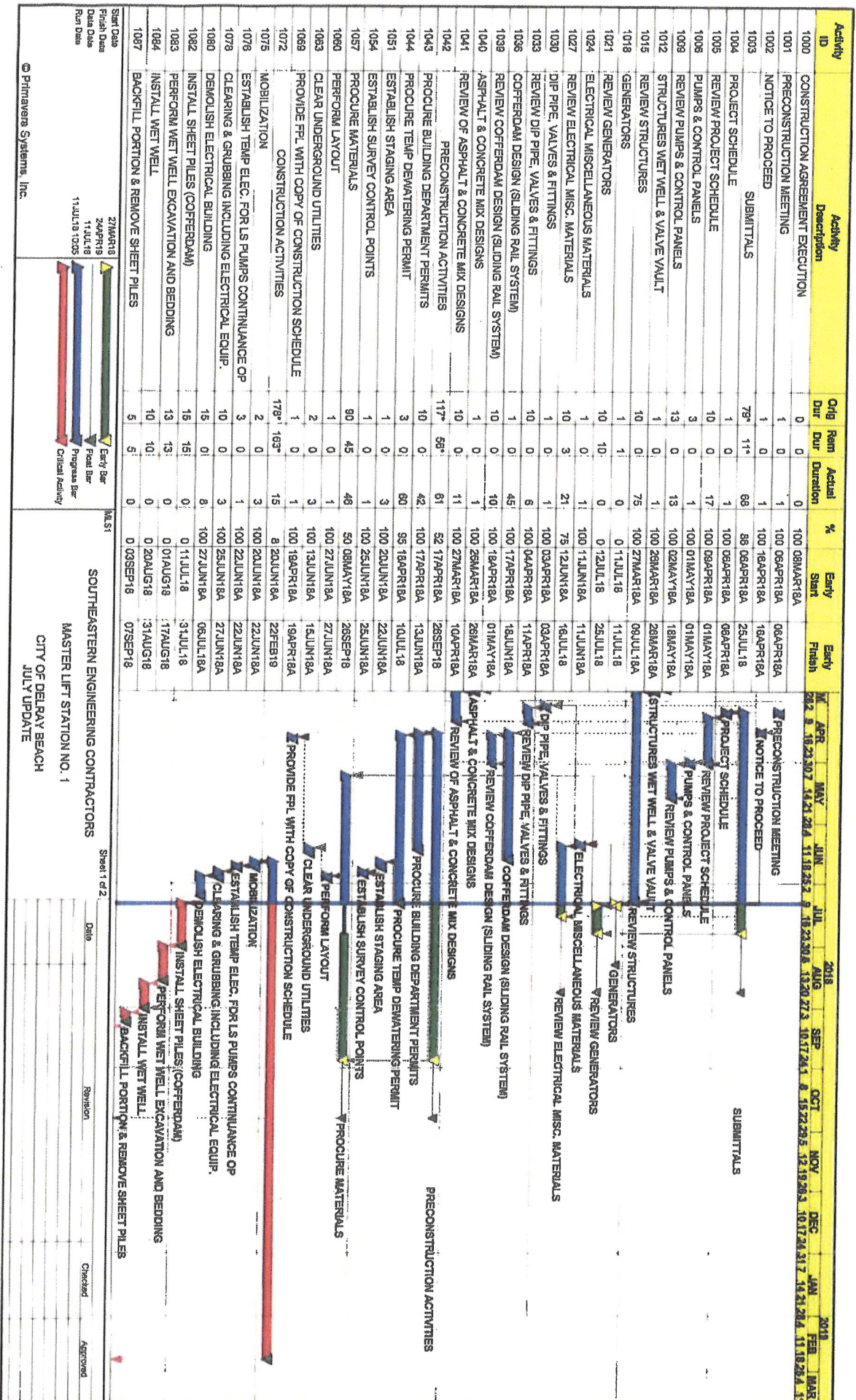
Your time and patience fort this matter is greatly appreciated.

Sincerely,

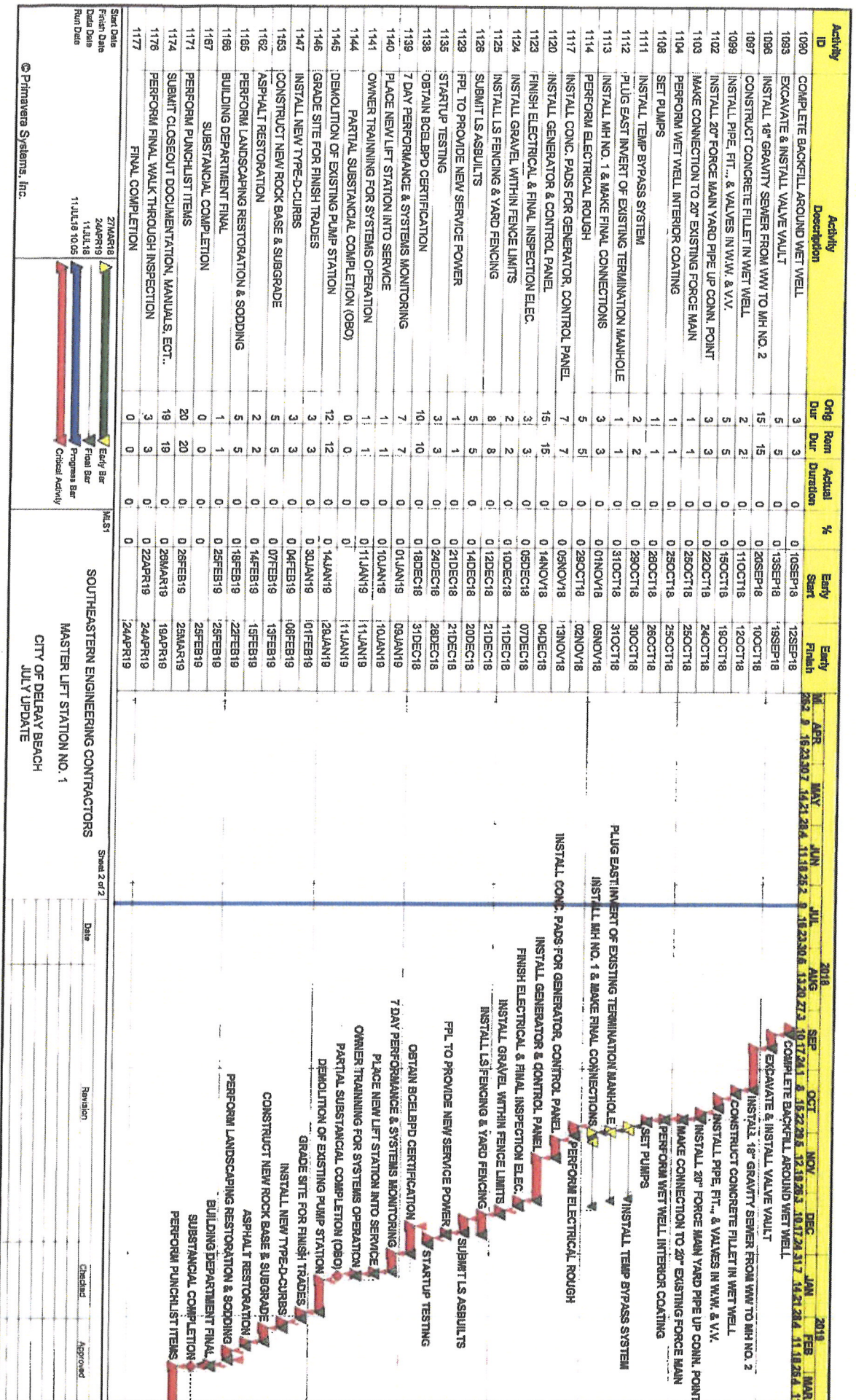
A handwritten signature in blue ink, appearing to read 'F. Romero'.

Fabed Romero  
Southeastern Engineering Contractors, Inc.









© Primavera Systems, Inc.



ITEM 2

### PROPOSAL

#### Summary of Costs

Change Order No.

Project Name: Master Lift Station No.1 Rehabilitation

Date: 4/18/2017

Contract Number: 16-030

Sheet 1 of 1

**DESCRIPTION:** Installation of 20" linestop for purposes of isolating the existing 20" force main due to lack of existing isolation valve within the vicinity

Item No.	Description of Labor & Equipment	Unit	Quantity	Unit Price	Scheduled Value	Labor Burden		Mark-up		Total Labor Burden + Total Mark-up
						%	Total Amount	%	Total Amount	
	LABOR									
	FOREMAN	HR	3	\$35.00	\$105.00	54.30%	\$162.02	10.0%	\$ 16.20	\$ 178.22
	LABORER (2)	HR	6	\$28.70	\$172.20	54.30%	\$265.70	10.0%	\$ 26.57	\$ 292.28
	EXCAVATOR OPERATOR	HR	3	\$22.83	\$68.49	54.30%	\$105.68	10.0%	\$ 10.57	\$ 116.25
	LOADER OPERATOR	HR	3	\$20.00	\$60.00	54.30%	\$92.58	10.0%	\$ 9.26	\$ 101.84
	PIPELAYER	HR	3	\$18.00	\$54.00	54.30%	\$83.32	10.0%	\$ 8.33	\$ 91.65
	DUMP TRUCK DRIVER	HR		\$16.00	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	Totals Labor				\$459.69		\$709.30		\$ 70.93	\$ 780.23
	EQUIPMENT						Not Applicable			
	EXCAVATOR,350 CAT	HR	3	\$132.00	\$396.00	N/A		10.0%	\$ 39.60	\$ 435.60
	1/2 TON WORK TRUCK	HR	3	\$16.54	\$49.62	N/A		10.0%	\$ 4.96	\$ 54.58
	FRONTEND LOADER, 938F CAT.	HR	3	\$49.00	\$147.00	N/A		10.0%	\$ 14.70	\$ 161.70
	DUMP TRUCK	HR		\$54.00	\$0.00	N/A		10.0%	\$ -	\$ -
	DEWATERING PUMP SYSTEM	HR		\$29.96	\$0.00	N/A		10.0%	\$ -	\$ -
	Totals Equipment				\$592.62		\$0.00		\$59.26	\$ 651.88
	MATERIALS									
	Totals Material				\$0.00		\$0.00		\$0.00	\$ -
	SUBCONTRACTS									
	EA TAPPING (20" LINESTOP)	LS	1	\$12,000.00	\$12,000.00	N/A		10.0%	\$ 1,200.00	\$ 13,200.00
	Totals Subcontracts									\$ 13,200.00
	Fuel Surcharge									\$ -
	General Items									\$ -
	Subtotal:									\$ 14,632.11
	Bid Bond Adjustment									\$ 292.64
	Grand Total Labor, Equipment, & Materials									\$ 14,924.76

**Contractor's Certification:**

According to the best of my knowledge and belief, I certify that all items and amounts shown on this proposal are correct, that all work will be performed and material supplied in full accordance with the terms and conditions of the Contract. I further certify that all just and lawful bills against the undersigned and his subcontractors for labor, materials, and equipment employed in the performance of the Work will be paid in full in accordance with the Contract's terms and conditions.

Submitted by:

Southeastern Engineering Contractors  
12054 NW 98th Ave.  
Hialeah Gardens FL 33018  
305-657-4226



### PROPOSAL

#### Summary of Costs

Date: 4/23/2017

Project Name: Master Lift Station No. 1 Rehabilitation  
Contract Number: 16-030

Sheet 1 of 1

**DESCRIPTION:** Added cost for valve vault and force main manifold adjustments. (plan revision)

Item No	Description of Labor & Equipment	Unit	Quantity	Unit Price	Scheduled Value	Labor Burden		Mark-up		Total Labor Burden + Total Mark-up
						%	Total Amount	%	Total Amount	
	LABOR									
	FOREMAN	HR		\$35.00	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	LABORER (2)	HR		\$28.70	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	EXCAVATOR OPERATOR	HR		\$22.83	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	LOADER OPERATOR	HR		\$20.00	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	PIPELAYER	HR		\$18.00	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	DUMP TRUCK DRIVER	HR		\$16.00	\$0.00	54.30%	\$0.00	10.0%	\$ -	\$ -
	Totals Labor				\$0.00		\$0.00		\$ -	\$ -
	EQUIPMENT									
	EXCAVATOR, 350 CAT	HR		\$132.00	\$0.00	Not Applicable		10.0%	\$ -	\$ -
	1/2 TON WORK TRUCK	HR		\$18.54	\$0.00	N/A		10.0%	\$ -	\$ -
	FRONTEND LOADER, 938F CAT	HR		\$49.00	\$0.00	N/A		10.0%	\$ -	\$ -
	DUMP TRUCK	HR		\$54.00	\$0.00	N/A		10.0%	\$ -	\$ -
	DEWATERING PUMP SYSTEM	HR		\$29.96	\$0.00	N/A		10.0%	\$ -	\$ -
	Totals Equipment				\$0.00		\$0.00		\$0.00	\$ -
	MATERIALS									
	PRECAST VALVE VAULT (INCREASE SIZE)	LS	1	\$1,317.95	\$1,317.95	N/A		10.0%	\$ 131.80	\$ 1,448.75
	DIP FITTINGS (MANIFOLD CHANGES)	LS	1	\$8,314.80	\$8,314.80	N/A		10.0%	\$ 831.46	\$ 9,146.06
					\$0.00	N/A		10.0%	\$ -	\$ -
	Totals Material				\$9,632.55		\$0.00		\$963.26	\$ 10,595.81
	SUBCONTRACTS									
					\$0.00	N/A		10.0%	\$ -	\$ -
	Totals Subcontracts									\$ -
	Fuel Surcharge									\$ -
	General Items									\$ -
	Subtotal:									\$ 10,595.81
	Bid Bond Adjustment									\$ 211.92
	Grand Total Labor, Equipment, & Materials									\$ 10,807.72

#### Contractor's Certification:

According to the best of my knowledge and belief, I certify that all items and amounts shown on this proposal are correct, that all work will be performed and material supplied in full accordance with the terms and conditions of the Contract. I further certify that all just and lawful bills against the undersigned and his subcontractors for labor, materials, and equipment employed in the performance of the Work will be paid in full in accordance with the Contract's terms and conditions.

Submitted by:

South Eastern Engineering Contractors  
12054 NW 98th Ave.  
Hialeah Gardens FL 33018  
305-557-4228







**CITY OF DELRAY BEACH**  
ENVIRONMENTAL SERVICES DEPARTMENT  
434 SOUTH SWANSON AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone (561) 268-7222

**MATHEWS CONSULTING**  
11111 E. BROWARD AVENUE, SUITE 200, WEST PALM BEACH, FLORIDA 33411  
Phone (561) 833-1111

ENGINEER'S SEAL

DESIGNED BY	MS
CHIEF ENGINEER	ALAN
DATE	01/11/18
REVISION	DATE
DESCRIPTION	BY

CITY OF DELRAY BEACH  
MASTER LIFT STATION NO. 1 RENOVATION

SITE PLAN - PROPOSED

PROJECT NO.  
181158  
DRAWING NO.  
C-4  
FILED 181158-C-4

SCALE: 1"=10'-0"



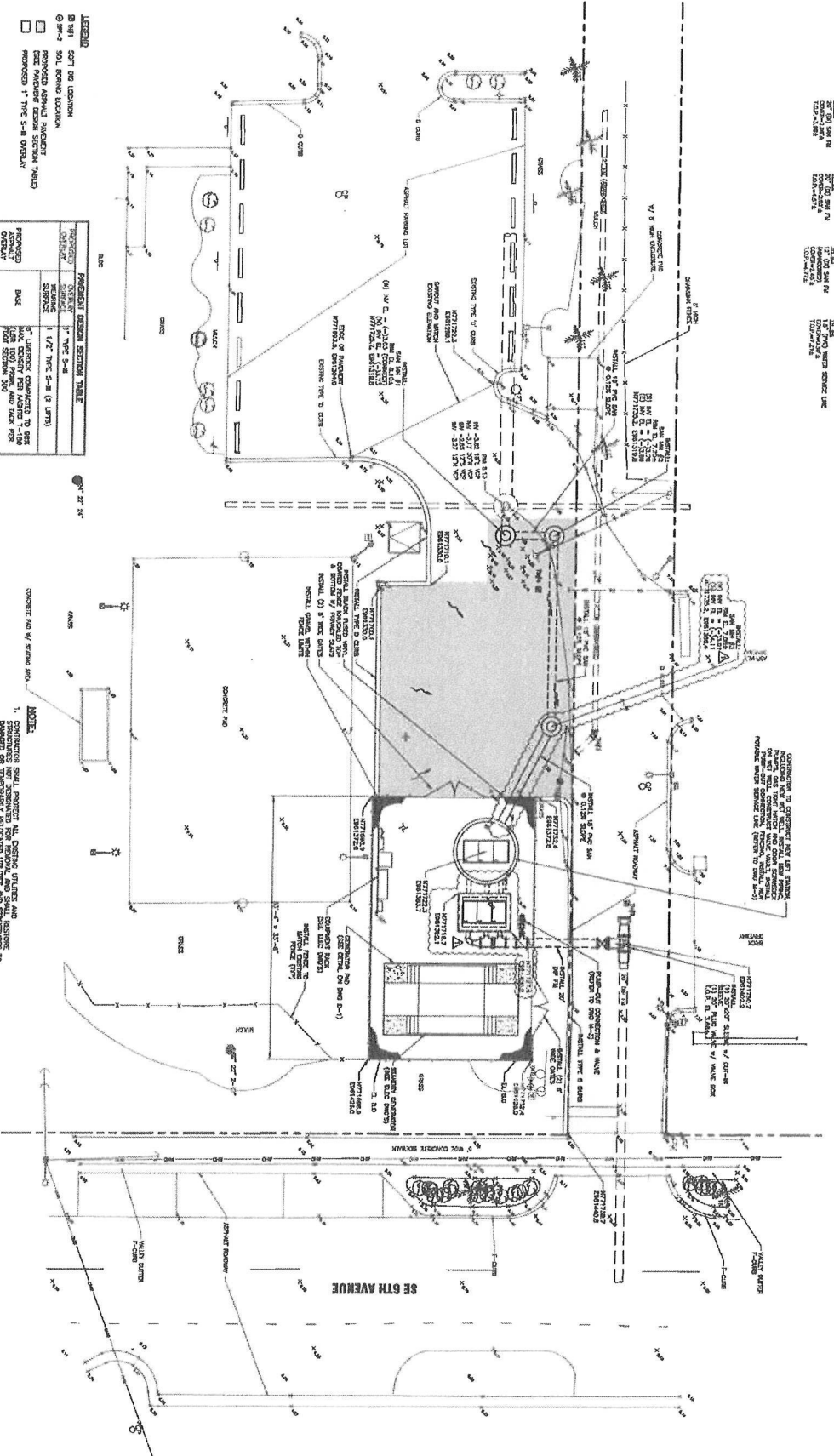
CONSTRUCTION

LEGEND	
○	EXIST. WELL LOCATION
□	PROPOSED NEW WELL LOCATION
□	EXIST. PUMP HOUSE
□	PROPOSED 1" TYPE S-4 OVERLAY

PROPOSED DESIGN SECTION TABLE	
SECTION	DESCRIPTION
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NOTE:  
1. CONSTRUCTION SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES NOT SHOWN FOR REMOVAL AND SHALL REPAIR A COMMON DRAIN TO EXISTING UTILITIES AND STRUCTURES TO SUCH DAMAGE OR INTERFERENCE.









**CITY OF DELRAY BEACH**  
ENVIRONMENTAL SERVICES DEPARTMENT  
404 SOUTH BROWARD AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone (561) 265-7322 Fax (561) 265-7344

**MATHEWS CONSULTING**  
A BATES & GORDMAN company  
417 S. Broward Avenue, Suite 200, West Palm Beach, Florida 33411  
Phone (561) 833-1170 Fax (561) 833-1171  
www.mathewsconsulting.com

ENGINEER'S SEAL  
CITY OF DELRAY BEACH

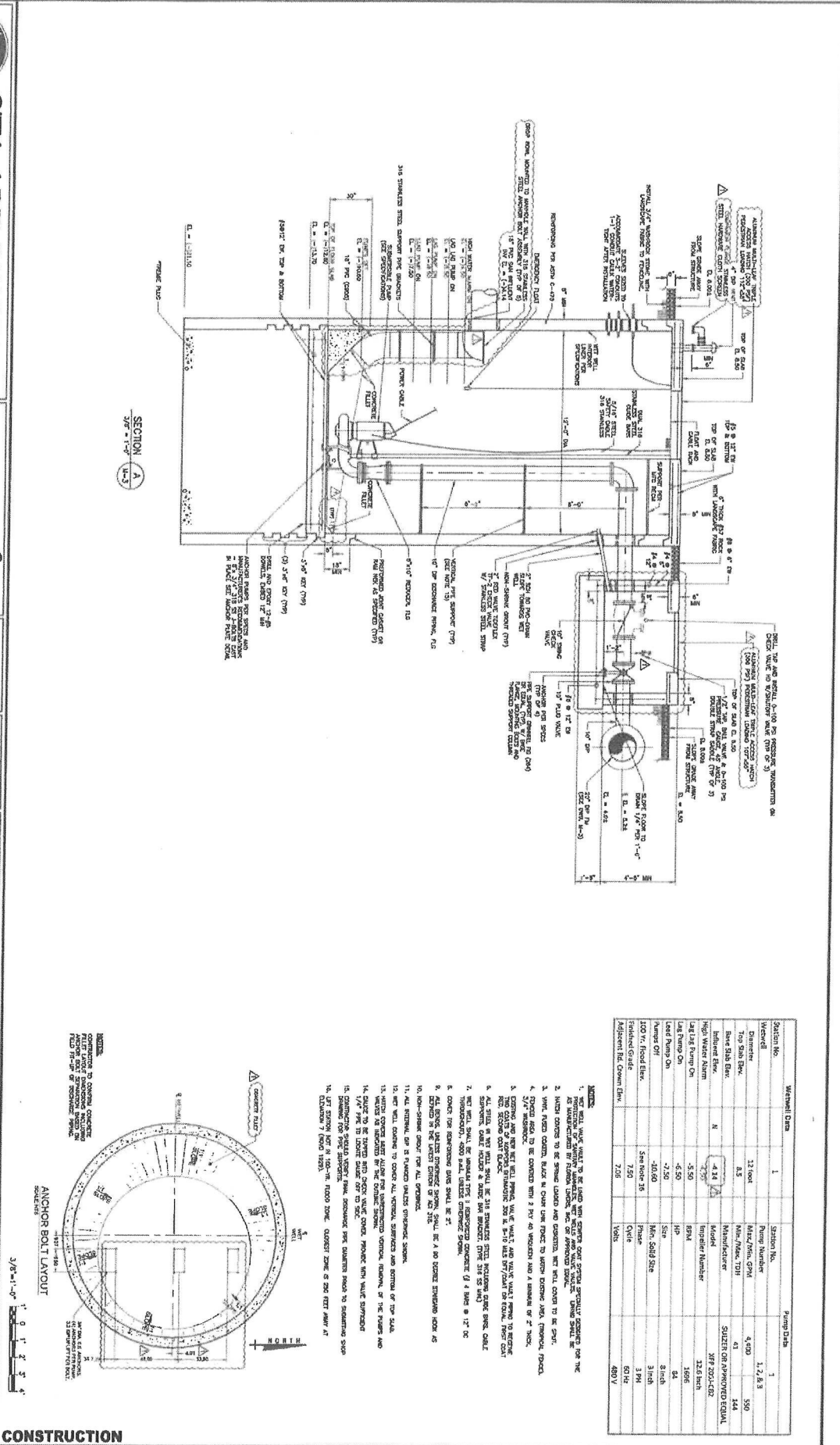
DESIGNED BY: JS  
DRAWN BY: JAL/ML  
CHECKED BY: CU  
DATE: 01/11/18

REVISION  
DATE DESCRIPTION  
1 05/08/18

PROJECT NO. 151185-001  
DRAWING NO. M-4

PROPOSED LIFT STATION SECTIONS

PROJECT NO. 151185-001  
DRAWING NO. M-4  
FILED: 05/08/18



Station No.	Station No.	Station No.
1	1	1
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CONSTRUCTION