

DELEGATED ENGINEERING DOCUMENTS

Submitted By:

CONTRACTOR COMPANY NAME: _____

I certify that I have thoroughly reviewed the contents of these Delegated Engineering Documents for completeness and that the designs meet the requirements of the Contract Drawings and Specifications, and that any deviations are clearly listed and marked, and are hereby approved by me and are submitted for review and approval.

Certified by: _____ Date: _____
Contractor

LS # **XXX**

NAME OF LIFT STATION

ECUA CIP # **XXX** ECUA BID # **XXX**

Delegated Engineering Document Name	Included in This Document		P.E. Name	Florida P.E. #	Company Name	Comments
	Yes	No				
Fiberglass Wet Well	<input type="checkbox"/>	<input type="checkbox"/>				
Pump Mounting Baseplate	<input type="checkbox"/>	<input type="checkbox"/>				
Anti-flotation Concrete Base	<input type="checkbox"/>	<input type="checkbox"/>				
Concrete Cover	<input type="checkbox"/>	<input type="checkbox"/>				
Control Panel Base	<input type="checkbox"/>	<input type="checkbox"/>				
Electrical Control Panels	<input type="checkbox"/>	<input type="checkbox"/>				
Work/Security Lights Poles & Bases	<input type="checkbox"/>	<input type="checkbox"/>				
Concrete Pole/Base for SCADA Antenna	<input type="checkbox"/>	<input type="checkbox"/>				

A. ECUA Engineering Manual Incorporated by Reference

The ECUA Engineering Manual, dated December 18, 2014, along with Update #1 dated September 1, 2016 (hereinafter "Manual"), located at www.ecua.fl.gov, is hereby incorporated by reference into this Project's official contract documents as if fully set forth therein. It is the Contractor's responsibility to be knowledgeable of the Manual's contents and to construct the Project in accordance with the Manual. The Contractor shall provide its employees access to the Manual at all times, via Project site or office, via digital or paper format. In the event of a conflict between the Manual and the Plans, Contractor shall consult Engineer of Record on the appropriate resolution.

B. Additional Documents (to be completed by the Engineer of Record)

Does this Project have additional technical specifications or construction details that supersede the Manual listed above? Yes No. If yes, Contractor shall construct Project in accordance with said documents as listed and located below:

Document Name	Document Type			Location Project Manual*
	Specifi- cation	Detail	Plans	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Project Manuals used only with ECUA CIP Projects

C. Engineer of Record Responsibilities

The Engineers of Record (EORs) that have affixed their seals and signatures on these plans warrant their portion of the plans have been designed in accordance with the Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be knowledgeable of the Manual's contents and shall assume responsibility for its use on the Project.

INDEX OF SHEETS	
No.	DESCRIPTION
CP-1	D.E.D. Title Sheet
CP-2	Electrical Symbols and Abbreviations
CP-3	Single Line Diagram
CP-4	Power Distribution Schematic – Sheet 1
CP-5	Power Distribution Schematic – Sheet 2
CP-6	Power Panel Equipment Lists and Notes
CP-7	Power Panel Terminal Block Layout
CP-8	Power Panel – Interior Layout
CP-9	Power Panel – Misc. Bracket Details
CP-10	Motor Starter Schematic - Pump 1
CP-11	Motor Starter Schematic - Pump 2
CP-12	Interior Layout - Pump 1
CP-13	Interior Layout - Pump 2
CP-14	Pump Panels – Equipment List, Notes
CP-15	Pump Panel – Pump Protection Circuits
CP-16	Control Panel - Schematic
CP-17	Control Panel – Digital Inputs Schematic
CP-18	Control Panel – Digital Inputs and Outputs Schematic
CP-19	Control Panel – Analog Inputs and Outputs Schematic
CP-20	Control Panel – Motor Control
CP-21	Control Panel – Interior Layout and Terminal Block
CP-22	Control Panel – Exterior Layout
CP-23	Control Panel – Equipment List and Schedules
CP-24	Control Panel – Intrinsic Safe Relay Instructions
CP-25	Control Panel – Panel to Panel Wiring
CP-26	Control Panel – Panel to Panel Wiring Distribution
CP-27	Panel Enclosures – Layout, Frame
CP-28	HP Related Equipment and Conductors
CP-29	Legends and Tags
CP-30	Control Panel General Notes
MISC1	Pump Mounting Baseplate Design
MISC2	Anti-flotation Base
MISC3	Concrete Cover
MISC4	Control Panel Base
MISC5	Concrete Pole/Base for SCADA Antenna

D.E.D. Title Sheet.dwg



SHEET NO.
DS-9

DATE: 9/01/2016

SEE NOTE #10 ON SHEET DS-0.1