

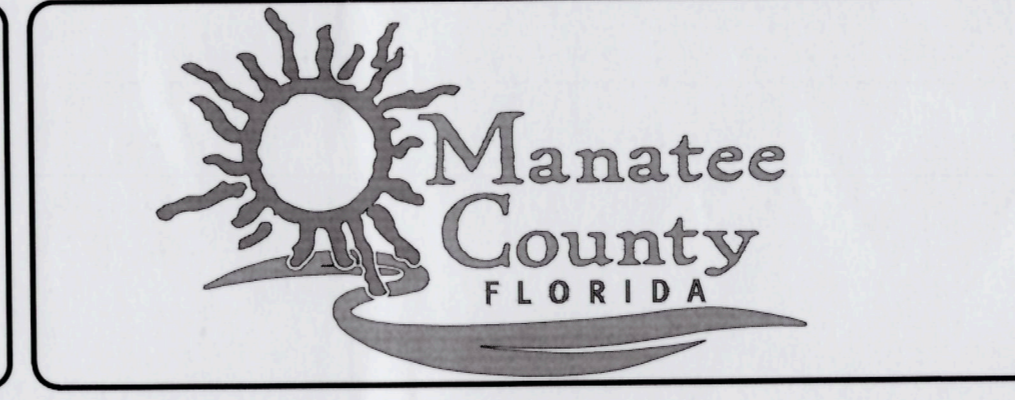
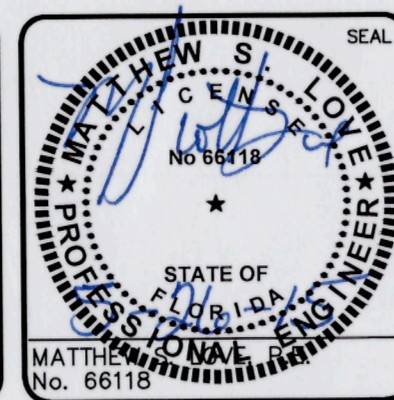
**SEWRF PLANT WATER BOOSTER PUMP STATION**  
 1/4" = 1'-0"

FOR DEMO SEE SHEET ##

- NOTES:  
 1. CONTRACTOR TO PROVIDE NEW GASKETS ON ALL RELOCATED FITTINGS AND VALVES.

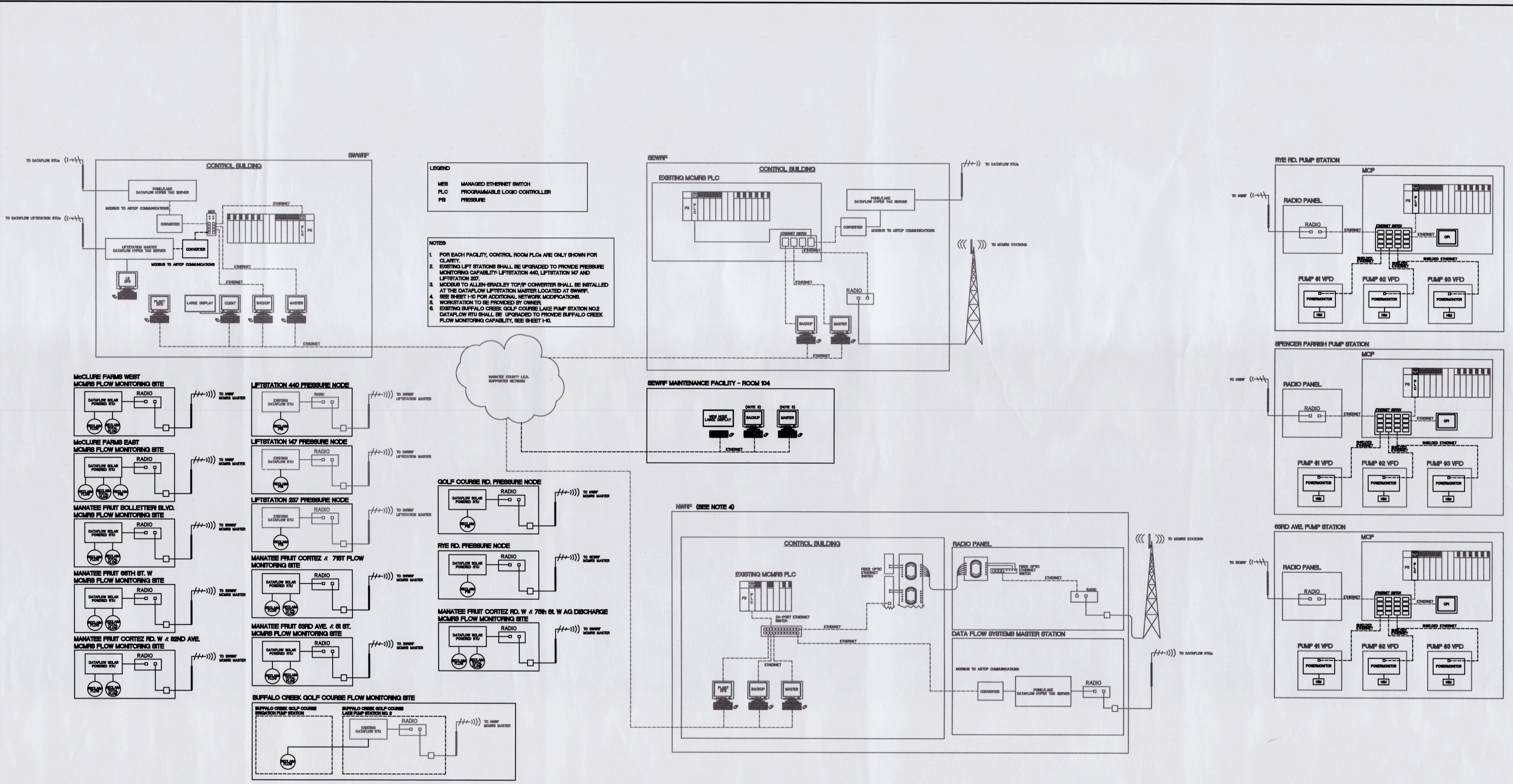
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REV. NO.	ADDENDUM #4	DESCRIPTIONS	REVISIONS	DATE



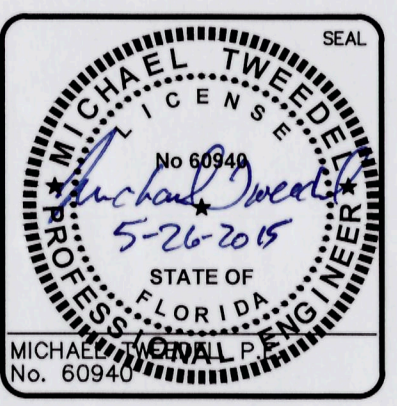
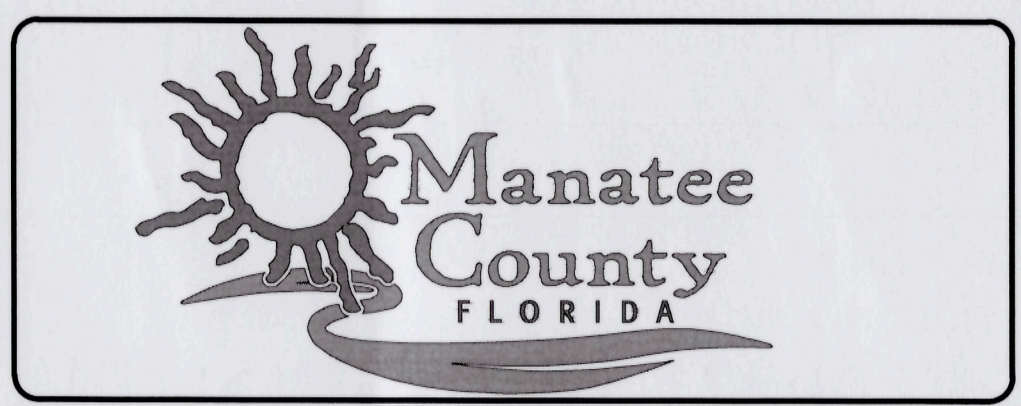
**MANATEE AGRICULTURAL REUSE SYSTEM-MANAGEMENT IMPROVEMENTS**  
**SEWRF WATER BOOSTER PUMP STATION PLAN AND SECTIONS**

DATE: MARCH 2015	SCALE:	MAC FILE NUMBER:
MCE PROJ. # 1024-0184	HORIZONTAL: AS SHOWN	DRAWING NUMBER: M5
DRAWN: QES	VERTICAL:	
DESIGNED: MSL		
CHECKED: DCW		
PROJ. MGR.: MSL		
STATUS: ISSUED FOR BID		



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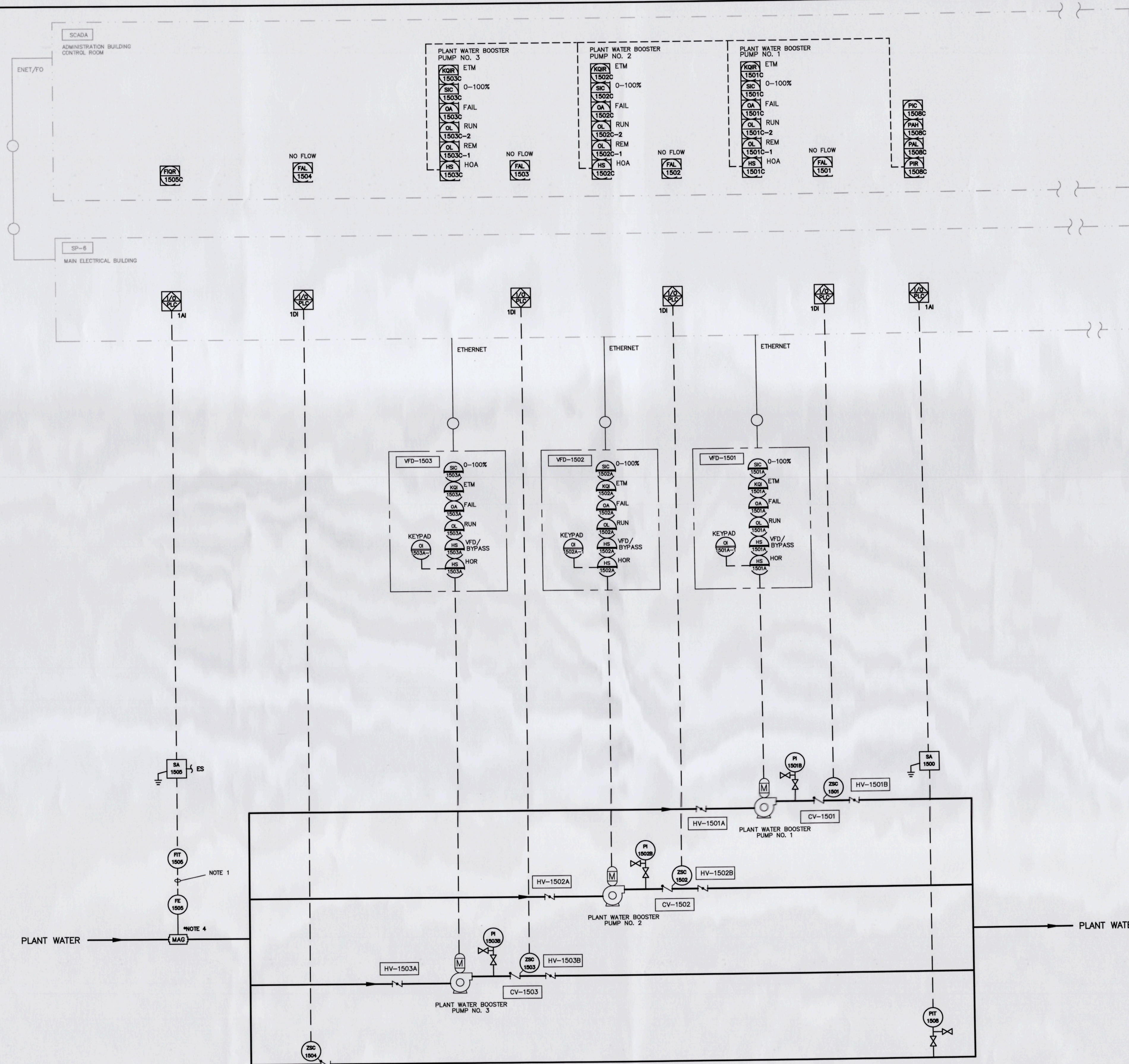
REV. NO.	DESCRIPTION	DATE
ADDENDUM #4		MAY 2015
	REVISIONS	

**MANATEE AGRICULTURAL REUSE SYSTEM—MANAGEMENT IMPROVEMENTS**

**MCMS SCADA UPGRADES**

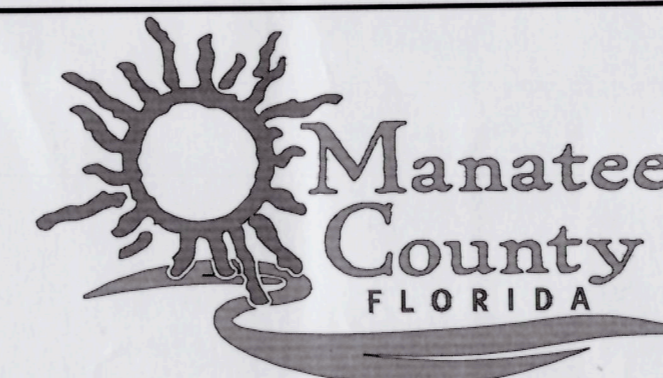
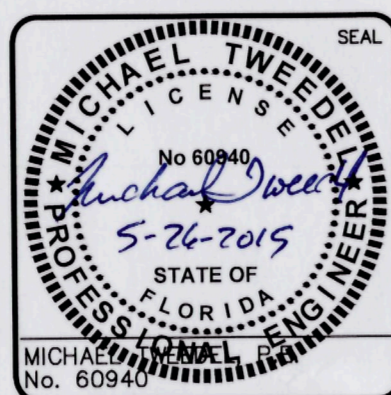
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DESIGNED: EEB		
CHECKED: MDT		
PROJ. MGR. MSL		
STATUS: ISSUED FOR BID		REVISION:



- NOTES:
1. PROVIDE INSTRUMENT SENSORS WITH MANUFACTURER CABLE WITHOUT SPLICES.
  2. ALL EQUIPMENT SHOWN IS NEW AND TO BE INCLUDED.
  3. VFDs CONNECTED TO NETWORK VIA ETHERNET SWITCH LOCATED IN EXISTING CONTROL PANEL. ETHERNET CABLING SHALL BE ARMORED CAT5.
  4. EXISTING MAGNETIC FLOW METER TO BE RELOCATED AS PART OF PIPING MODIFICATIONS, SEE MECHANICAL DRAWINGS FOR DETAILS. FLOW METER CALIBRATION SHALL BE VERIFIED AS ACCORDING TO SPECIFICATIONS REQUIREMENTS. PROVIDE CALIBRATION REPORT.

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REV. NO.	ADDENDUM #4	DESCRIPTIONS	REVISIONS	DATE



**MANATEE AGRICULTURAL REUSE SYSTEM—MANAGEMENT IMPROVEMENTS**

**P&ID SEWRF PLANT WATER BOOSTER PUMP STATION**

DATE:	MARCH 2015	SCALE:		MAC FILE NUMBER:	
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PROJ. MGR.	MSL				
STATUS:	ISSUED FOR BID				REVISION: