

FLOW METER VAULT



1. USE SPARE BREAKERS AT LAKE PUMP STATION PANEL FOR POWER SUPPLY. CONTRACTOR SHALL COORDINATE WITH KEFF KOCH AT MC SWWRP, TEL: (941) 747-1316. ALL POWER & TELEMETRY TERMINATIONS WILL BE MADE BY COUNTY STAFF.
2. PROPOSED MANATEE COUNTY PANEL SHALL BE DUPLICATE OF EXISTING METER PANEL SETUP (SEE PHOTO, SHEET 26 & VISIT SITE), INCLUDING PROVISIONS FOR CONDUIT & FEEDS TO LONG BOAT KEY PANEL IN SAME MANNER. CONTRACTOR TO FURNISH & INSTALL NEW COUNTY PANEL & SUPPORTS TO MATCH EXISTING EXCEPT AS SPECIFIED OTHERWISE. LBK PANEL & RADIO/ANTENNA TO BE RELOCATED BY OTHERS. CONTRACTOR TO ENSURE PROPOSED PANEL SUPPORTS & LAYOUT PROVIDE SUFFICIENT SPACE & STRENGTH FOR LBK PANEL AND EQUIPMENT IN ACCORDANCE WITH ALL CODES AND WIND LOADING.
3. MAGNETIC FLOW METER SHALL BE 20" DIA-ABB WATERMASTER ABFEF121 WITH 316 SS GROUND RINGS & ELECTRODES, FLANGES & CABLE LENGTH AS REQUIRED, KIT FOR POTTED AND FITTED CABLE. METERS AND ALL CONNECTIONS & WIRING IN THE VAULT SHALL BE SUITABLE FOR CONTINUOUS SUBMERSION.
4. SUMP PUMP SHALL MEET COUNTY UTILITY STANDARDS. HOMA OR EQUAL.
5. COUPLING AT METER SHALL BE ROMAC FC 400 STEEL FLANGED COUPLING ADAPTER WITH 316 SS BOLTS & NUTS, LINED & COATED WITH FUSION BONDED EPOXY.
6. REFER TO SHEET 26 FOR DETAILS OF EXISTING MC FLOW METER PANEL. CONTRACTORS TO FURNISH AND INSTALL DUPLICATE MANATEE COUNTY PANEL, INCLUDING TVSS.

NO.						
REVISION						
DESCRIPTION						
BY						
DATE						
PROJECT #	406-6082980					
SURVEY #	3825					
SEC./TWN./RGE	16,17,18/35/17					
VERT. SCALE	1"=3'					
HORZ. SCALE	1"=3'					

FLORIDA DESS DAVID 67198
JAMES STOCKWELL
LIGENSE
No. 67198
12/31/14
STATE OF
FLORIDA
Signature: DESS