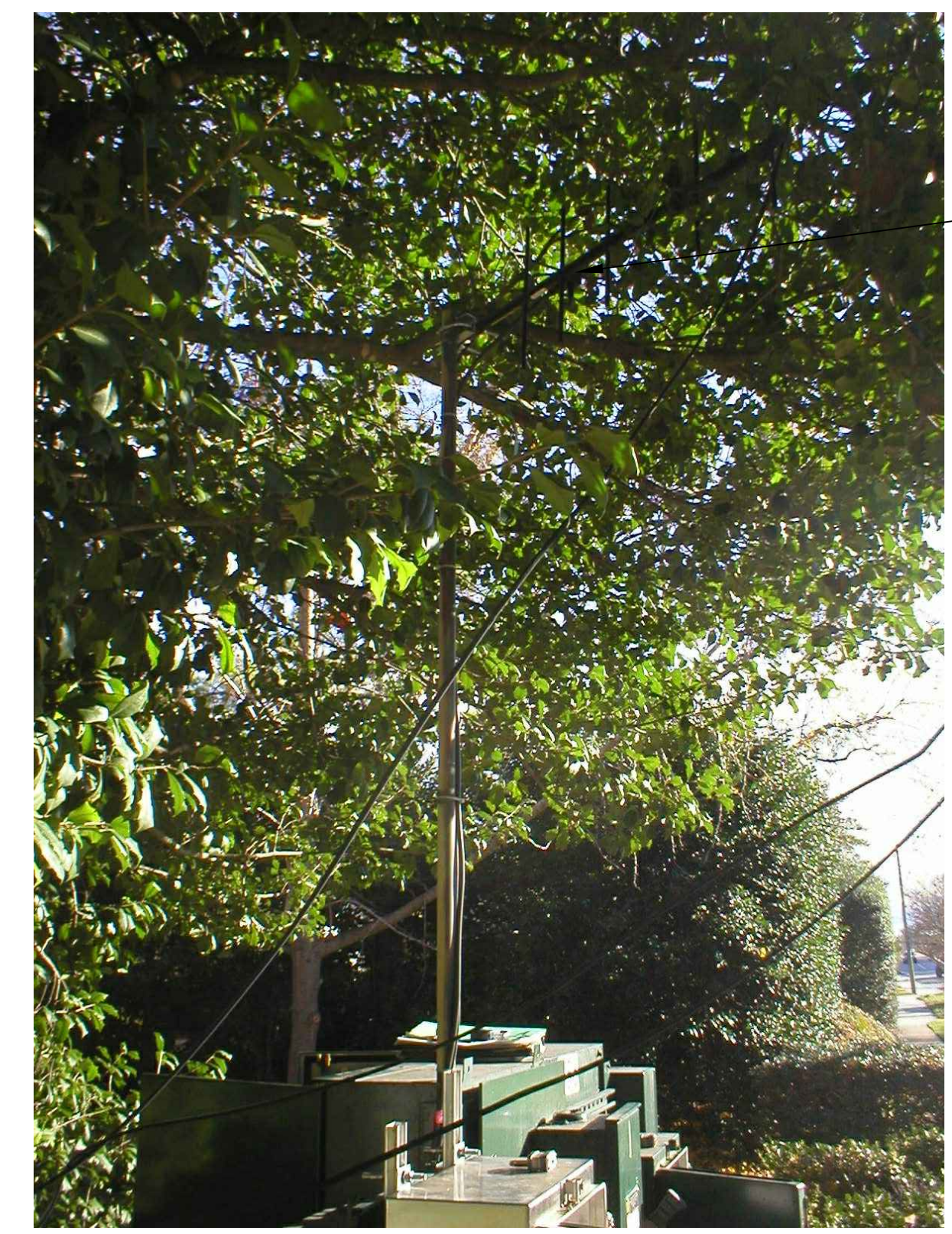


**1 SITE PLAN**  
SCALE: 1/2" = 1'-0"



**2 EXISTING ANTENNA LOCATION**  
SCALE: NOT TO SCALE

NOTES 1,6



**4 EXISTING MOSCAD PANEL**  
SCALE: NOT TO SCALE

NOTE 5  
NOTE 2



**3 EXISTING CONTROL PANEL**  
SCALE: NOT TO SCALE

NOTES 3  
NOTE 4  
NOTE 5

**NOTES:**

1. EXISTING YAGI ANTENNA AND CABLE TO BE REMOVED AFTER SUCCESSFUL INSTALLATION OF THE NEW PUMP STATION CONTROL PANEL (PSCP).
2. EXISTING MOSCAD AND RADIO PANEL TO BE REMOVED.
3. EXISTING TELOG PANEL TO REMAIN. REMOVE EXISTING ANALOG AND DIGITAL INPUTS BETWEEN MOSCAD UNIT AND TELOG UNIT. REPLACE THESE SIGNALS WITH IDENTICAL SIGNALS ORIGINATING FROM THE NEW PSCP.
4. RETAIN EXISTING PUMP CONTROL PANEL. REMOVE EXISTING PLC, RELAYS, AND CONTROL EQUIPMENT. USE SPACE FOR TERMINAL BLOCKS AND WIRE ALL I/O'S TO NEW PLC IN THE NEW PSCP FOR LEVEL CONTROL.
5. REFER TO DRAWING G-13 FOR DETAILS OF THE CONSTRUCTION PHASING REQUIREMENTS FOR THE NEW PSCP.
6. INSTALL NEW ANTENNA ON TOP OF EXISTING STEEL POLE. SHIFT EXISTING ANTENNA DOWN 3'. INSTALL NEW ANTENNA CABLE.
7. INSTALL NEW CONCRETE PAD FOR NEW FREE STANDING PSCP.
8. REFER TO DRAWING G-18 FOR PANEL LAYOUT.

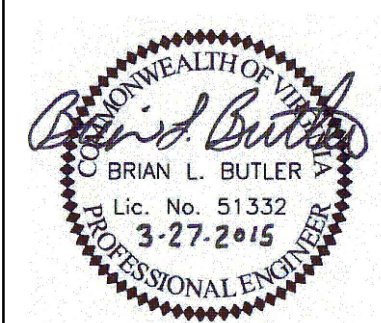
**CONDUIT/CABLE SCHEDULE**

A	ANTENNA CABLE, REFER TO W-01 DETAIL A
B	2 #12, 1 #12 GND IN 3/4" C
C	6 #14 IN 3/4" C
D	4 STP IN 1" C
E	50 #14 IN 1-1/2" C
F	4 STP IN 1-1/2" C
G	14 #14 IN 3/4" C
H	2 #12, 1 #12 GND IN 3/4" C



ISSUE	DATE	DESCRIPTION
1	MAR 27 2015	CONFORMED DRAWINGS
0	DEC 2014	BID

PROJECT MANAGER:	D. FOOTE
DESIGNED BY:	B. BUTLER
DRAWN BY:	G. BUI
PROJECT NUMBER:	8582



**HAMPTON ROADS SANITATION DISTRICT**  
VIRGINIA BEACH, VIRGINIA

**INTERCEPTOR SYSTEMS PUMP STATION**  
CONTROL AND SCADA



FILENAME	05142ES65.DWG
SCALE	AS NOTED

DRAWING NUMBER	ES-65
SHEET	149 OF 256