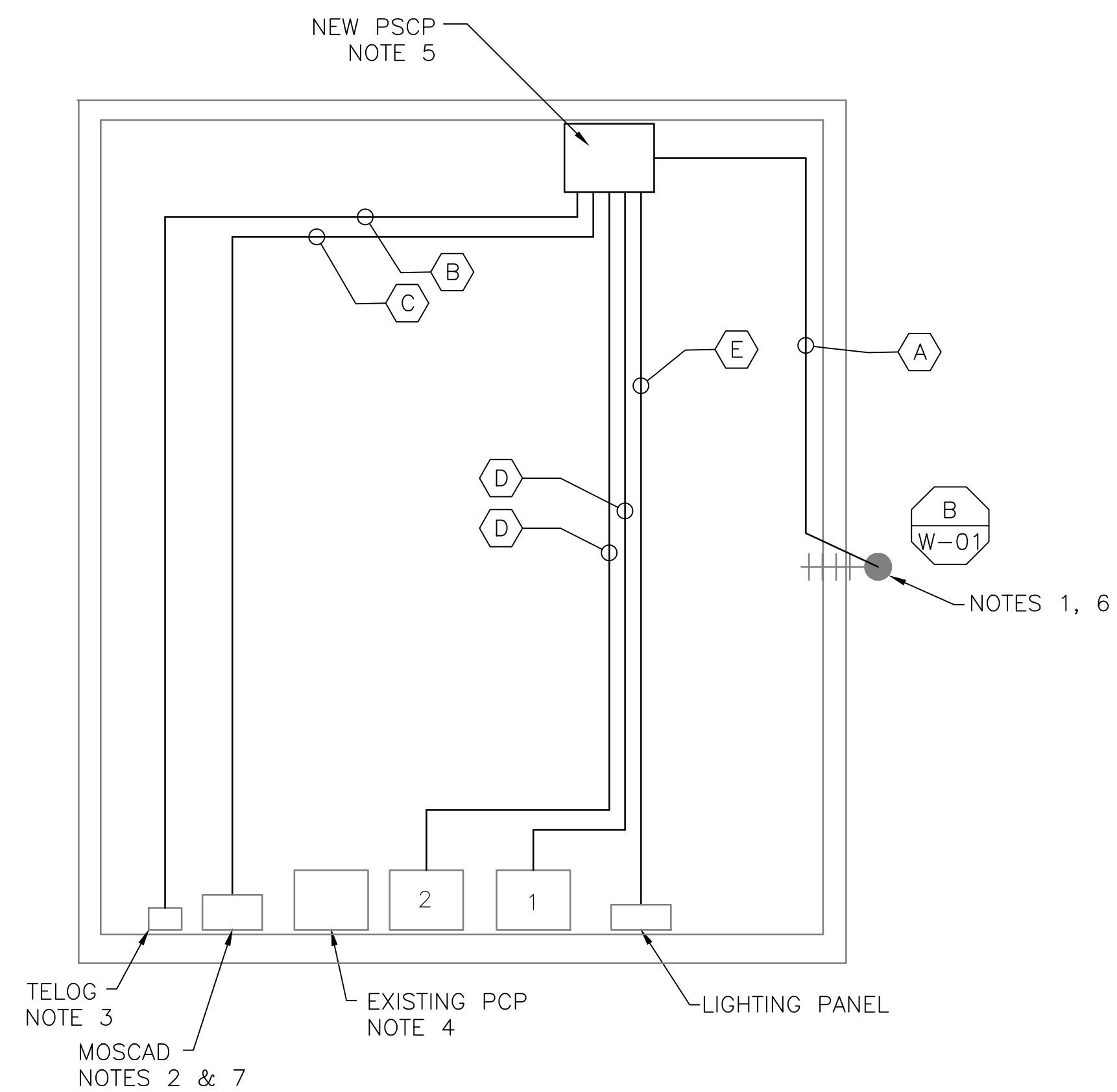


**5 SITE PLAN**  
SCALE: 1/8" = 1'-0"



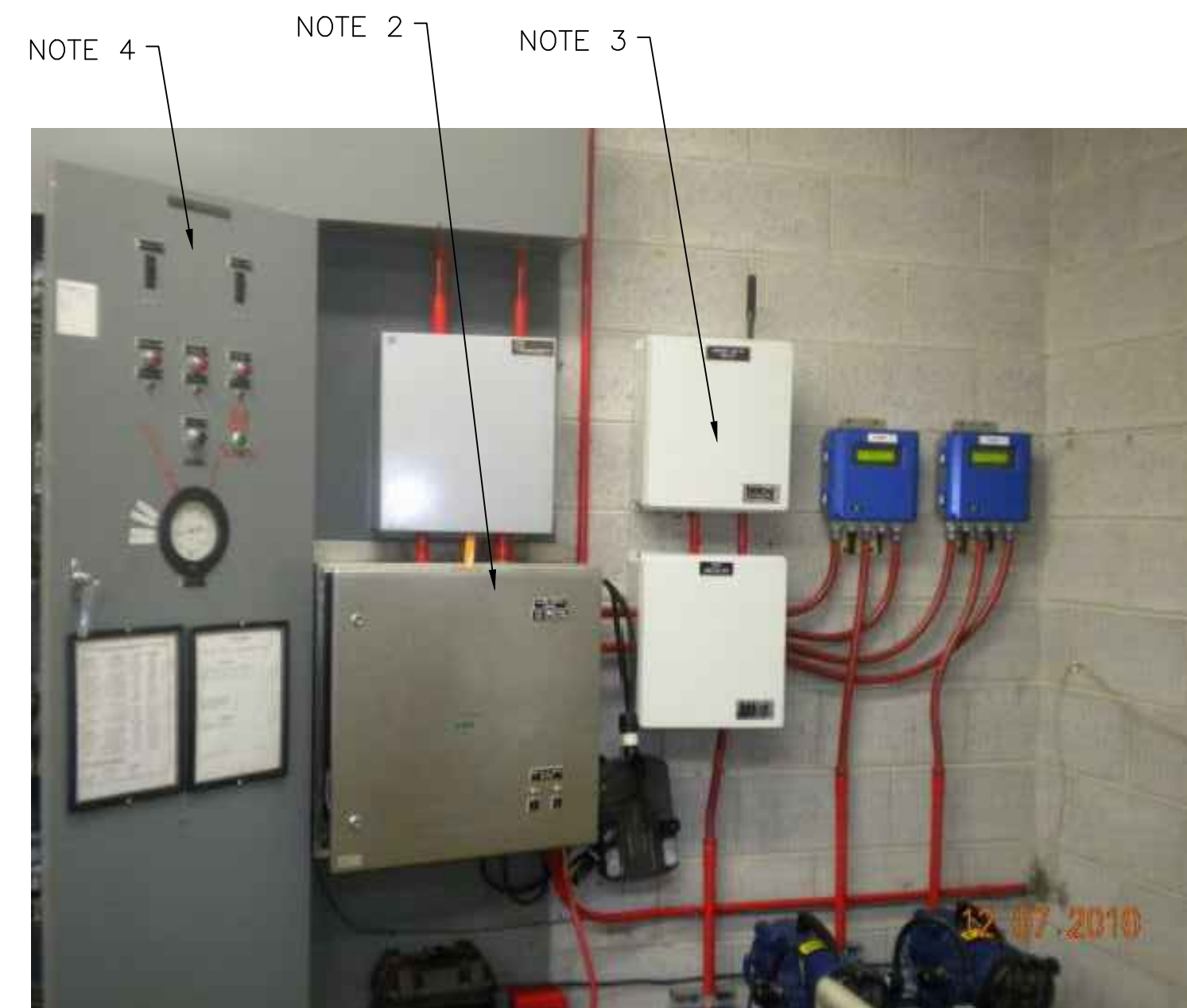
**1 FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



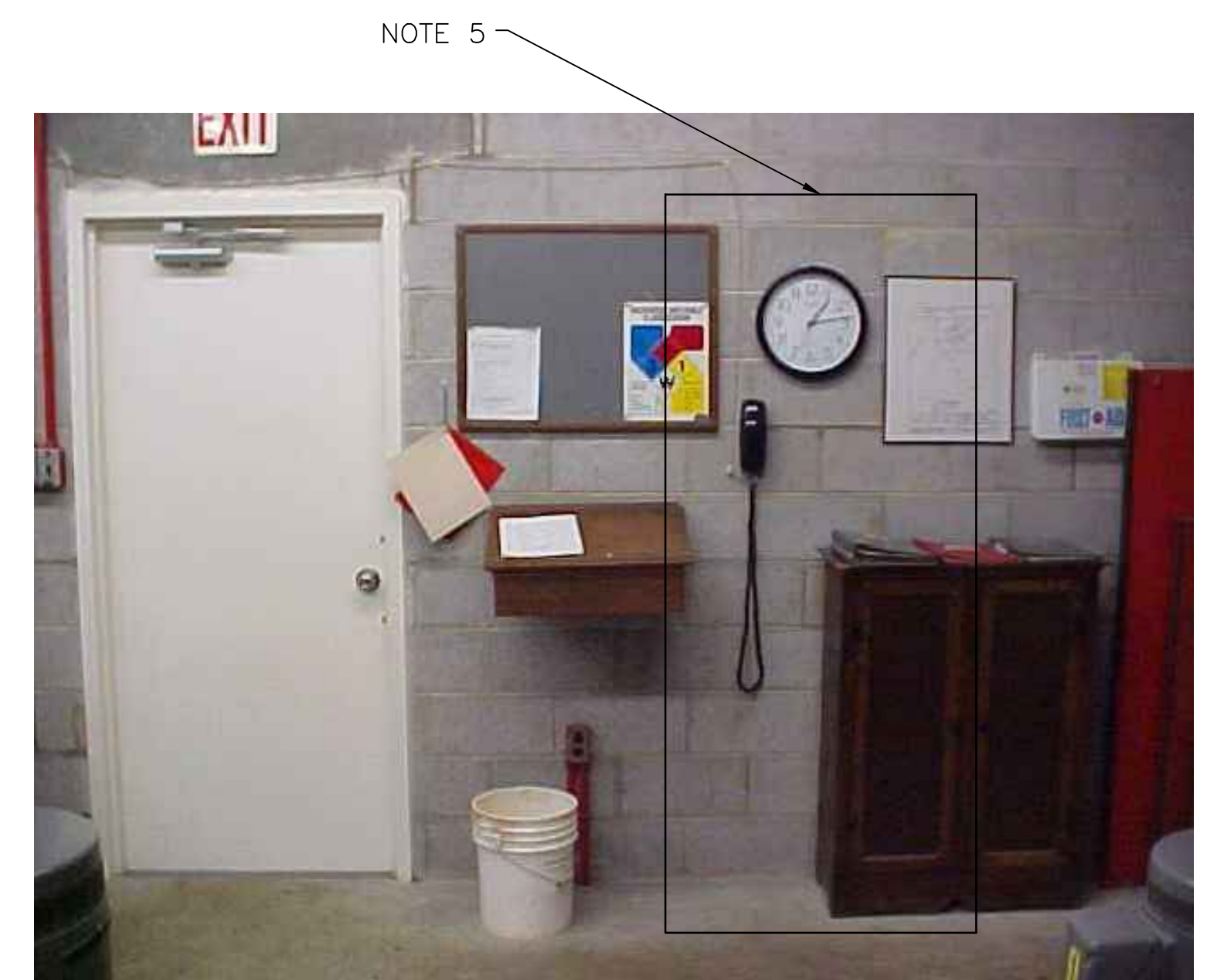
**2 EXISTING ANTENNA LOCATION**  
SCALE: NOT TO SCALE

- NOTES:**
- EXISTING YAGI ANTENNA AND CABLE TO BE REMOVED AFTER SUCCESSFUL INSTALLATION OF THE NEW PUMP STATION CONTROL PANEL (PSCP).
  - EXISTING MOSCAD UNIT AND RADIO TO BE REMOVED FROM EXISTING PANEL.
  - 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.
  - EXISTING PUMP CONTROL PANEL TO REMAIN. REMOVE EXISTING PLC'S, RELAYS, AND CONTROL EQUIPMENT AFTER INSTALLATION AND TESTING OF THE NEW PSCP.
  - REFER TO DRAWING G-11 FOR DETAILS OF THE CONSTRUCTION PHASING REQUIREMENTS FOR THE NEW PSCP.
  - REPLACE EXISTING ANTENNA MOUNT PIPE WITH ONE THAT WILL PROVIDE AN ADDITIONAL THREE FEET OF HEIGHT. USE EXISTING WALL MOUNT BRACKETS. RE-INSTALL EXISTING ANTENNA AT ROOF LEVEL AND INSTALL NEW ANTENNA AT TOP OF MAST. INSTALL NEW ANTENNA CABLE.
  - PROVIDE NEW TERMINAL BLOCKS IN EXISTING PANEL AND EXTEND EXISTING CONTROL WIRING TO THE NEW PSCP.
  - REFER TO DRAWING G-14 FOR PANEL LAYOUT.

CONDUIT/CABLE SCHEDULE	
A	ANTENNA CABLE
	2 #12, 1 #12 GND IN 3/4" C
B	6 #14 IN 3/4" C
	7 STP IN 1-1/2" C
C	50 #14 IN 1-1/2" C
	7 STP IN 1-1/2" C
D	14 #14 IN 3/4" C
E	2 #12, 1 #12 GND IN 3/4" C



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

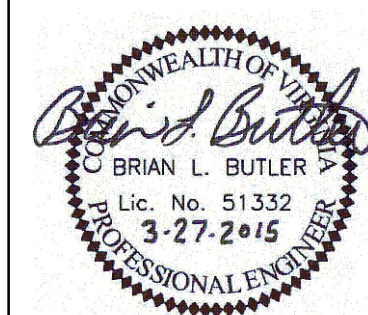


**4 EXISTING CONTROL PANEL**  
SCALE: NOT TO SCALE



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

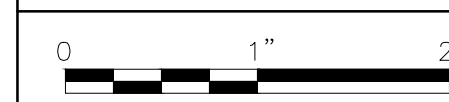
PROJECT MANAGER:	D. FOOTE
DESIGNED BY:	B. BUTLER
DRAWN BY:	G. BUI
PROJECT NUMBER:	8582



HAMPTON ROADS SANITATION DISTRICT  
VIRGINIA BEACH, VIRGINIA

INTERCEPTOR SYSTEMS PUMP STATION  
CONTROL AND SCADA

NORMANDY LANE  
GRAVITY LIFT STATION  
NO 220  
SITE PLAN



FILENAME	04220EN36.DWG
SCALE	AS NOTED

DRAWING NUMBER	EN-36
----------------	-------

SHEET	80	OF	256
-------	----	----	-----