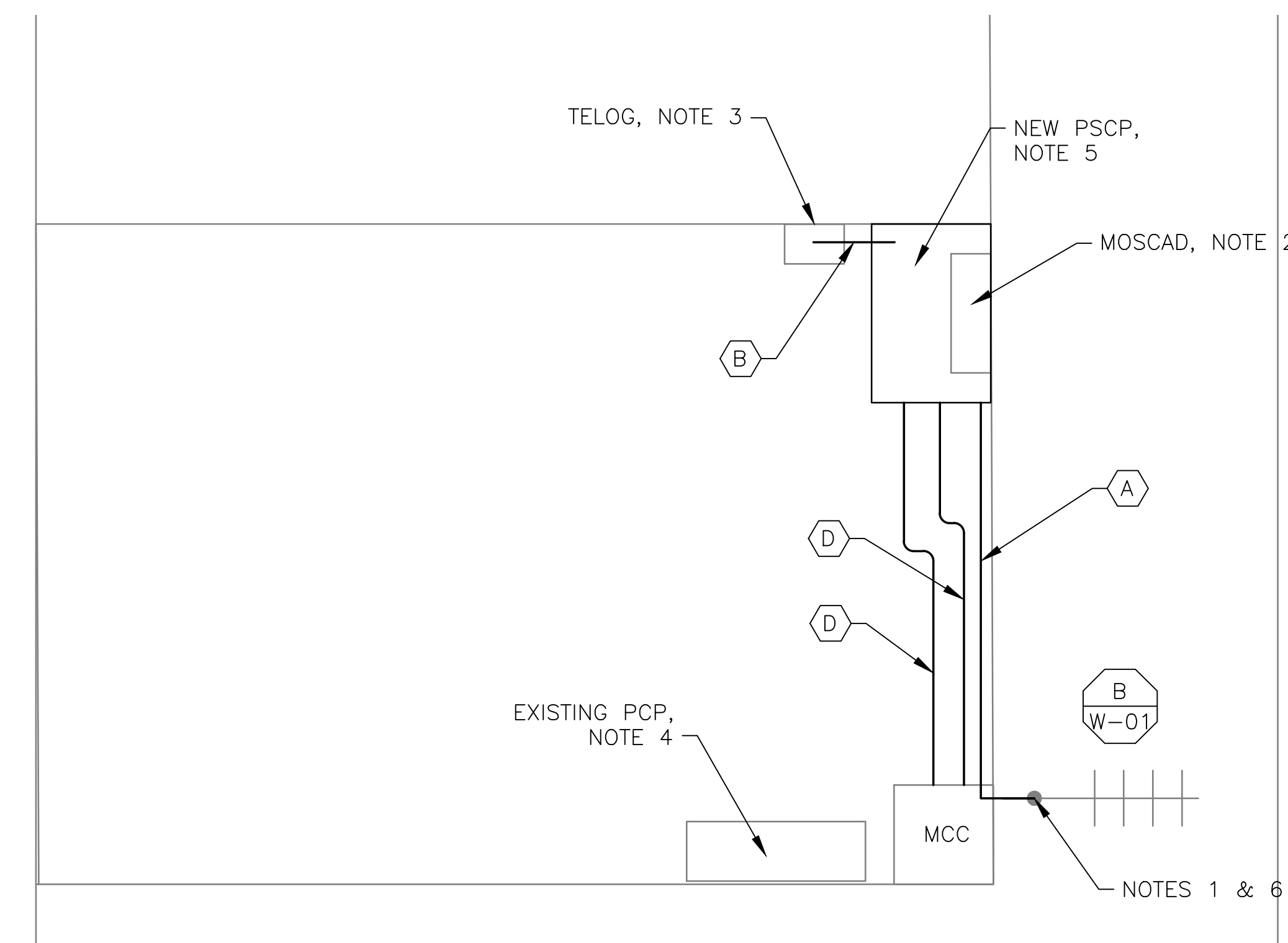


5 SITE PLAN
SCALE: 1" = 20'-0"



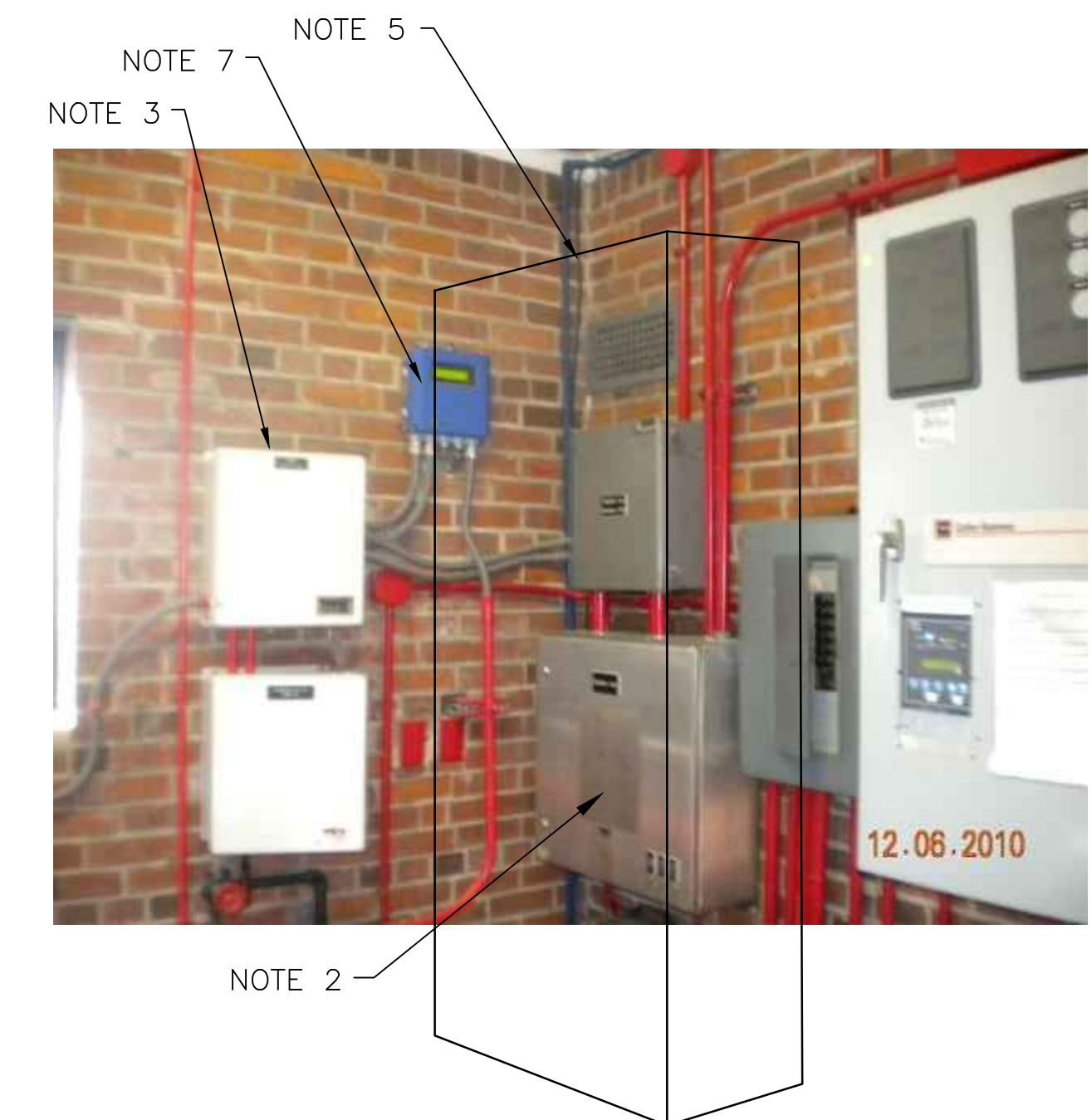
1 ROOM PLAN
SCALE: 1/2" = 1'-0"



2 EXISTING ANTENNA LOCATION
SCALE: NOT TO SCALE



3 EXISTING CONTROL PANEL
SCALE: NOT TO SCALE



4 NEW SCADA PANEL 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 PANEL AND TERMINATION PANEL TO BE TEMPORARILY RELOCATED; THEN REMOVED FROM THE SITE AFTER INSTALLATION AND TESTING OF THE NEW PSCP. REFER TO THE I/O LIST FOR EXISTING MOSCAD ANALOG AND DIGITAL I/O SIGNALS WHICH WILL BE RE-TERMINATED WITHIN THE NEW PSCP.
- 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 OF THE NEW PSCP.
- REFER TO DRAWING G-13 FOR DETAILS OF THE CONSTRUCTION PHASING REQUIREMENTS FOR THE NEW PSCP.
- MOVE EXISTING ANTENNA DOWN ON TOP AND INSTALL NEW ANTENNA ON TOP OF MAST. INSTALL NEW ANTENNA CABLE.
- RELOCATE THE EXISTING METER EQUIPMENT. EXACT LOCATION TO BE COORDINATED WITH HRSD.
- REFER TO DRAWING G-14 FOR PANEL LAYOUT.

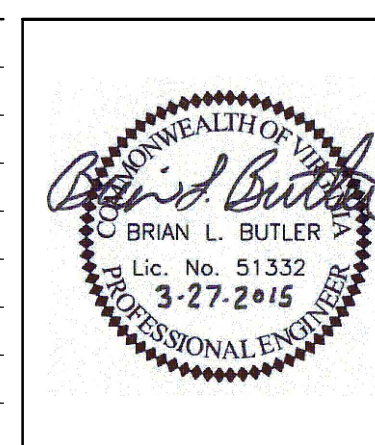
CONDUIT/CABLE SCHEDULE

A	ANTENNA CABLE
B	2 #12, 1 #12 GND IN 3/4" C
	8 #14 IN 3/4" C
	5 STP IN 1" C
C	NOT USED
D	16 #14 IN 3/4" C
E	NOT USED



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**

**BAINBRIDGE BLVD
GRAVITY LIFT STATION
NO 103
SITE PLAN**



FILENAME	05103ES36.DWG
SCALE	AS NOTED

DRAWING NUMBER	ES-36
----------------	--------------

SHEET	120	OF	256
-------	------------	----	------------