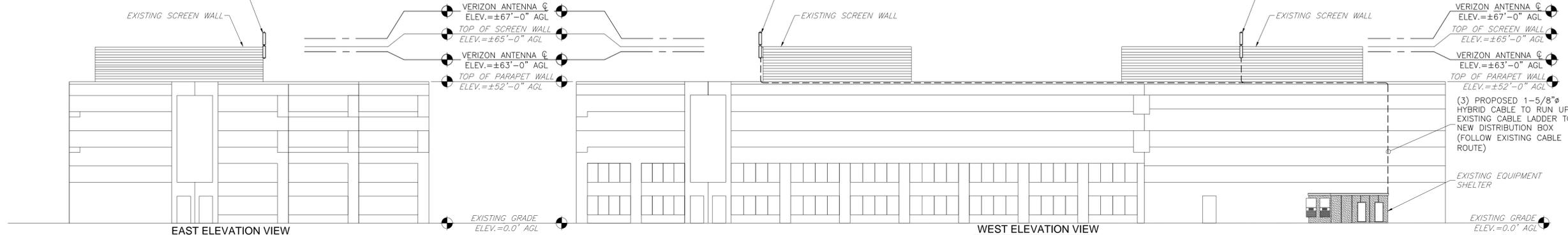


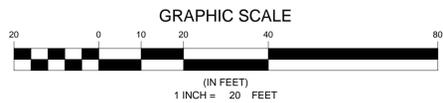
(2) PROPOSED VERIZON WIRELESS ANTENNAS,
 (2) PROPOSED VERIZON WIRELESS RRH'S &
 (1) RAYCAP DISTRIBUTION BOX FOR GAMMA
 SECTOR (SEE DETAIL 3/C-1 & 4/C-1)

(2) PROPOSED VERIZON WIRELESS ANTENNAS,
 (2) PROPOSED VERIZON WIRELESS RRH'S &
 (1) RAYCAP DISTRIBUTION BOX FOR BETA
 SECTOR (SEE DETAIL 3/C-1 & 4/C-1)

(2) PROPOSED VERIZON WIRELESS ANTENNAS,
 (2) PROPOSED VERIZON WIRELESS RRH'S &
 (1) RAYCAP DISTRIBUTION BOX FOR ALPHA
 SECTOR (SEE DETAIL 3/C-1 & 4/C-1)



1 ELEVATION
 SCALE: 1" = 20'



STRUCTURAL NOTE:
 CONTRACTOR TO VERIFY ALL PROPOSED AND
 EXISTING ANTENNAS AND CABLES WERE CONSIDERED
 AND PASSED A STRUCTURAL ANALYSIS PERFORMED
 BY A LICENSED ENGINEER PRIOR TO INSTALLATION.

(3) PROPOSED 1-5/8" Ø
 HYBRID CABLE TO RUN UP
 EXISTING CABLE LADDER TO
 NEW DISTRIBUTION BOX
 (FOLLOW EXISTING CABLE
 ROUTE)

EXISTING EQUIPMENT
 SHELTER

EXISTING GRADE
 ELEV.=0.0' AGL



NB+C ENGINEERING SERVICES, LLC.
 6066 MARSHALLEE DRIVE, SUITE 300
 ELK RIDGE, MD 21075
 (410) 712-7092



18 ABELE ROAD
 BRIDGEVILLE, PA 15017

TUTTLE CROSSING
 5080 TUTTLE CROSSING BLVD
 DUBLIN, OH 43016
 FRANKLIN COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
0	08/09/16	ISSUED FOR CONSTRUCTION	AMM

SEQUENCE OF CONSTRUCTION:

- REMOVE (6) EXISTING ANTENNAS AT ELEV 68'-0"±. EXISTING PIPE MOUNTS TO REMAIN.
- INSTALL (6) NEW ANTENNAS AND MOUNTING HARDWARE AT ELEV. 67'-0"± AND ELEV. 63'-0"±.
- INSTALL (6) RRH'S TO PROPOSED EQUIPMENT PIPE MAST AT ELEV. 68'-0"±.
- INSTALL (3) OVP DISTRIBUTION BOXES ON PROPOSED EQUIPMENT PIPE MAST AT EXISTING ANTENNA LOCATIONS.
- RETURN ALL REMOVED ITEMS TO VERIZON.

NOTES:

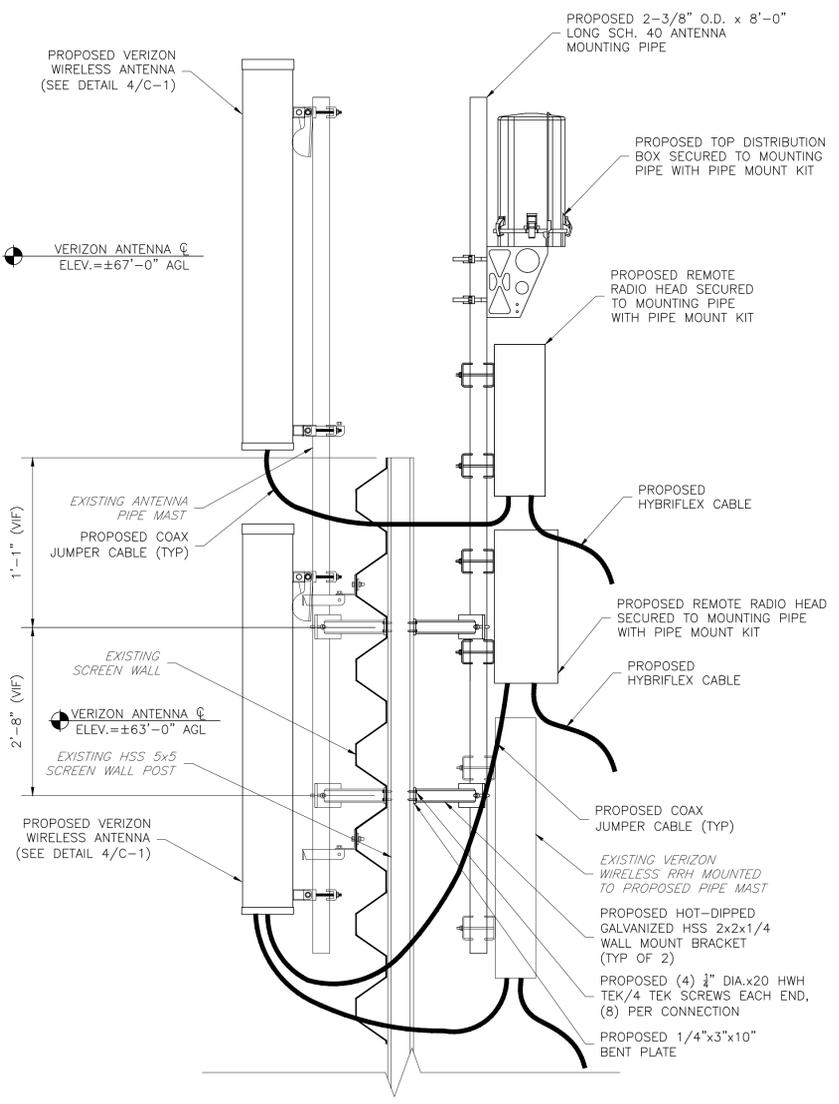
- INSTALL (3) (1-5/8") HYBRID CABLES FROM EXISTING VERIZON EQUIPMENT SHELTER (EQUIPMENT LOCATION) TO OVP DISTRIBUTION BOX ON EXISTING BUILDING ELEVATION AND ROOF AT ELEV. 67'-0"±.
- NO ELECTRICAL WORK IS REQUIRED FOR THIS INSTALLATION. NO NEW VOLTAGE REQUIRED.

ANTENNA REPLACEMENT NOTES:

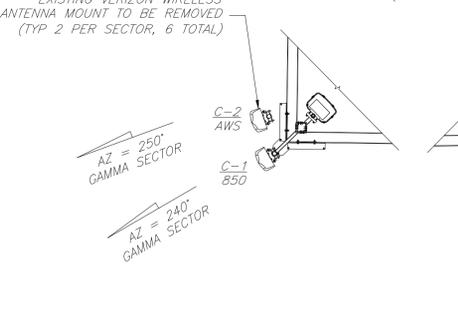
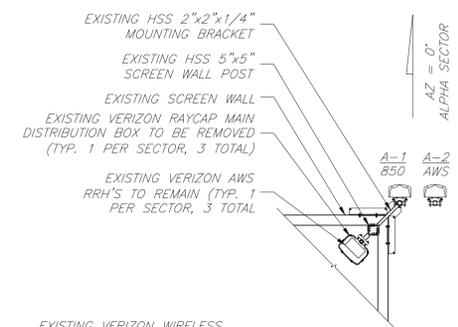
- CONTRACTOR TO INSPECT THE CONDITION OF EXISTING MOUNTING PIPE. CONFIRM THE FOLLOWING:
 A. CORROSION IF MOUNTS ARE FOUND TO BE CORRODED, CONTACT VERIZON REP. FOR DIRECTION.
 B. CHECK CONDITION OF ATTACHMENT BOLTS. IF FOUND LOOSE, TIGHTEN TO ORIGINAL SPECIFICATIONS (AISC; TURN OF THE NUT METHOD)
 C. IF BOLTS ARE MISSING, REPLACE TO SUITE.
 D. CONFIRM MOUNTING PIPE IS ADEQUATELY SIZED TO ACCOMMODATE PROPOSED ANTENNA INSTALL.
- ALL WORK DEPICTED ON THIS DRAWING DESIGNED IN ACCORDANCE WITH OBC 2011 AND AMENDMENTS.

PCS REMOTE RADIO HEAD B25 RRH 4x30-4R	
WEIGHT	51 LBS.
DIMENSIONS (HxWxD)	21.4"x12.0"x7.2"
RF OUTPUT POWER	2x60W OR 4x30W

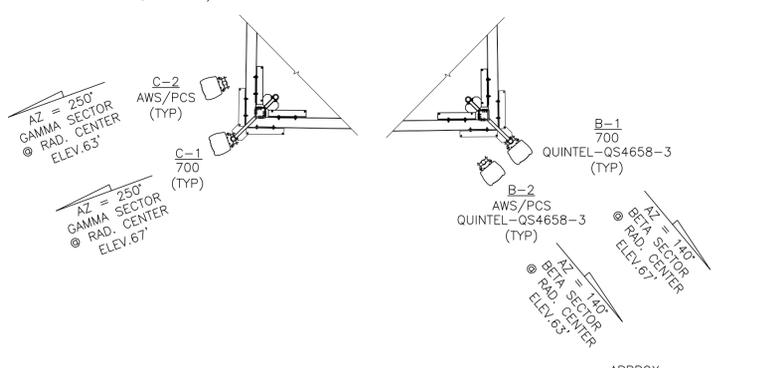
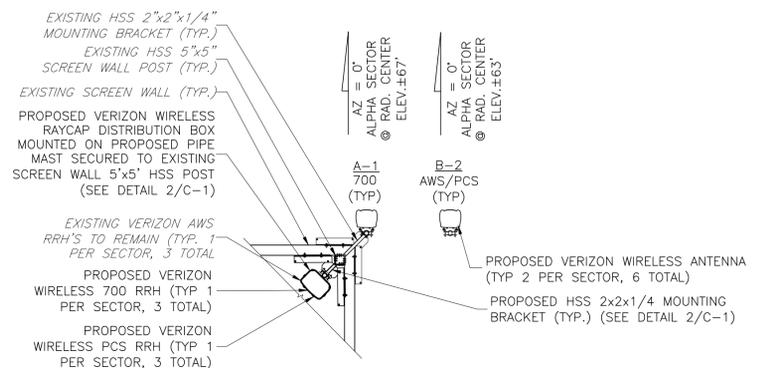
700 MHz REMOTE RADIO HEAD B13 RRH 4X30-4R	
WEIGHT	57.2 LBS.
DIMENSIONS (HxWxD)	21.6"x12.0"x9.0"
RF OUTPUT POWER	2x60W OR 4x30W



2 ANTENNA, RRH'S & DISTRIBUTION BOX MOUNTING DETAIL
 NTS



3 EXISTING ANTENNA ORIENTATION PLAN
 NTS



4 PROPOSED ANTENNA ORIENTATION PLAN
 NTS

ENGINEER

APPLICANT

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET NUMBER

PHILIP BURTNER, P.E.
 OH PROFESSIONAL ENGINEER LIC. #73386

**ELEVATION,
 ANTENNA
 LAYOUTS, NOTES
 & DETAILS**

C-1