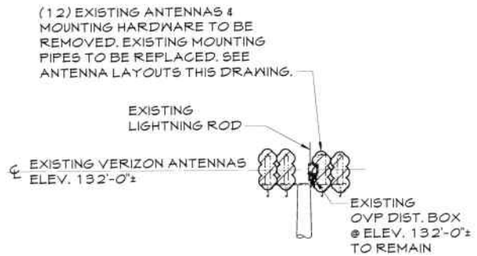
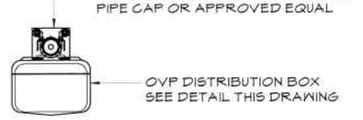


PARTIAL DEMO ELEVATION

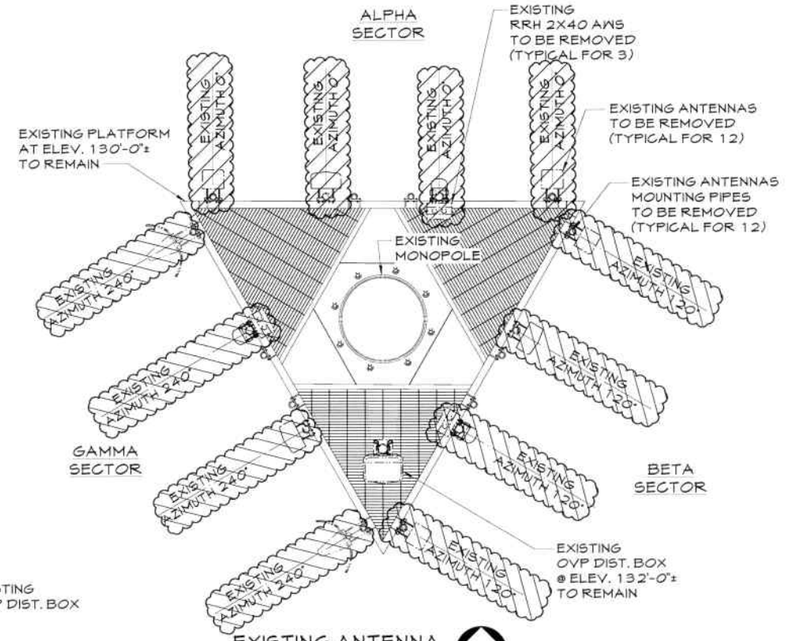
SCALE: 3/32"=1'-0"

0 10 20



OVP LAYOUT @ 132'-0"

SCALE: NONE



EXISTING ANTENNA LAYOUT @ 132'-0"

SCALE: NONE

SEQUENCE OF OPERATION:

1) REMOVE (12) EXISTING ANTENNAS AND MOUNTING HARDWARE TO BE REMOVED AT ELEV. 132'-0"±. EXISTING MOUNTING PIPES TO BE REPLACED.
2) REMOVE (3) EXISTING RRHs 2x40_AWS AT ELEV. 132'-0"±.
3) INSTALL (12) NEW ANTENNAS, MOUNTING HARDWARE AND (12) NEW ANTENNA MOUNTING PIPES AT ELEV. 130'-0"±.
4) INSTALL (3) NEW B13_RRH 4x30_4R, (3) NEW B4_RRH 2x60_4R & (3) NEW B25_RRH 4x30_4R MOUNTED BEHIND ANTENNAS @ ELEV. 132'-0"±.
5) INSTALL (1) OVP MOUNT ASSEMBLY & (1) OVP DISTRIBUTION BOX ON EXISTING MOUNTING PLATFORM AT ELEV. 132'-0"±.
6) RETURN ALL REMOVED EQUIPMENT TO VERIZON.

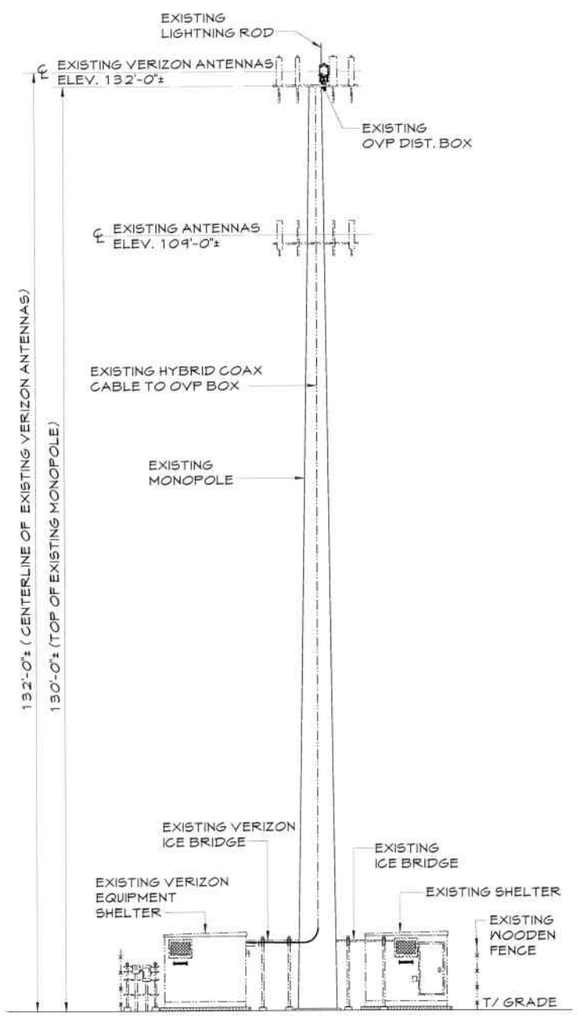
NOTES:

1) INSTALL (1) HYBRIDFLEX HYBRID COAX CABLE (1-5/8") TO OVP DISTRIBUTION BOX ON OUTSIDE OF MONOPOLE.
2) NO ELECTRICAL WORK REQUIRED FOR THIS INSTALLATION. NO NEW VOLTAGE REQUIRED.

ANTENNA REPLACEMENT NOTES:

1) CONTRACTOR TO INSPECT THE CONDITION OF EXISTING MOUNTING PIPES. CONFIRM THE FOLLOWING:
   - CORROSION; IF MOUNTS ARE FOUND TO BE CORRODED, CONTACT VERIZON REP. FOR DIRECTION.
   - CHECK CONDITION OF ATTACHMENT BOLTS. IF FOUND LOOSE, TIGHTEN TO ORIGINAL SPECIFICATIONS (AISC; TURN OF THE NUT METHOD).
   - IF BOLTS ARE MISSING, REPLACE TO SUITE.
2) - CONFIRM MOUNTING PIPE IS ADEQUATELY SIZED TO ACCOMMODATE PROPOSED ANTENNA INSTALL.

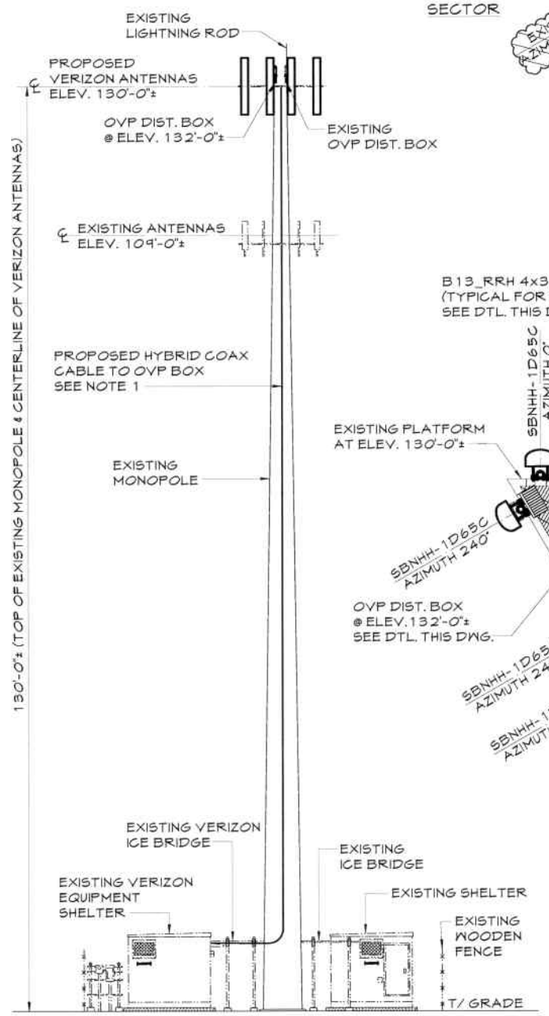
ALL WORK DEPICTED ON THIS DRAWING DESIGNED IN ACCORDANCE WITH OBC 2011 AND AMENDMENTS.



EXISTING ELEVATION

SCALE: 3/32"=1'-0"

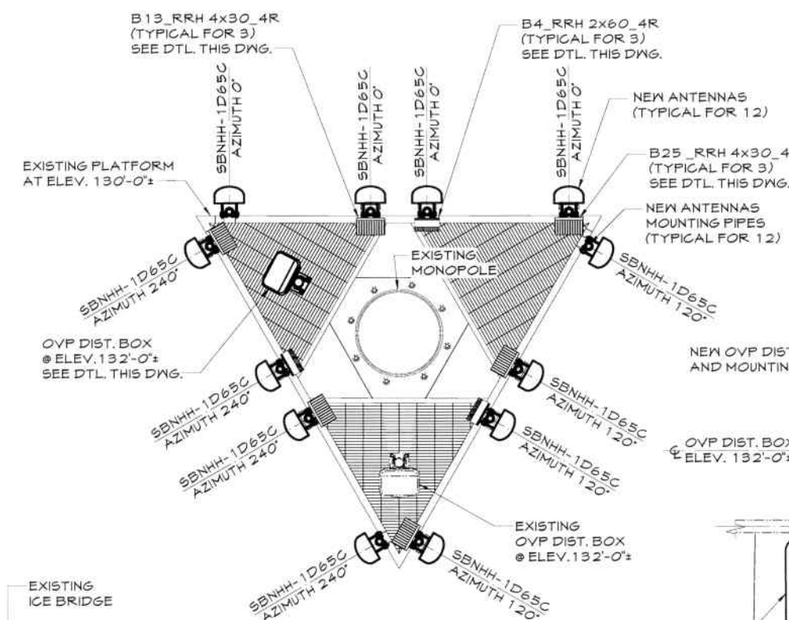
0 10 20



PROPOSED ELEVATION

SCALE: 3/32"=1'-0"

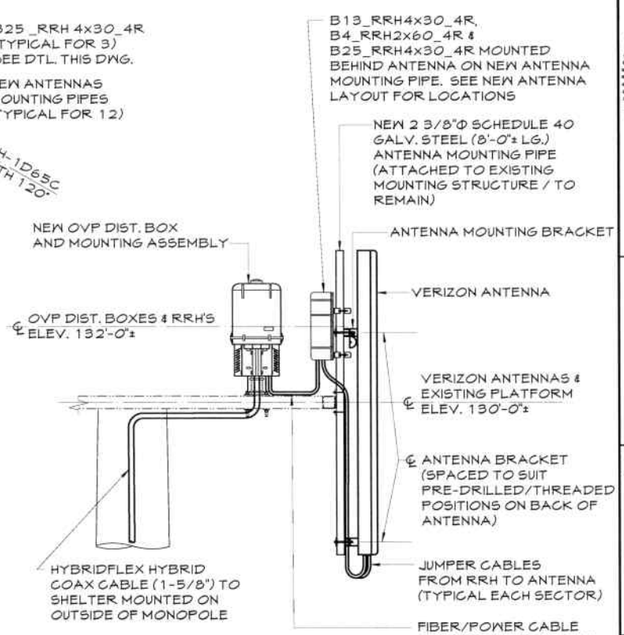
0 10 20



NEW ANTENNA LAYOUT @ 130'-0"

SCALE: NONE

NOTE:
DIAGRAMATIC ONLY, ANTENNA SUPPORT PER STRUCTURE MANUFACTURER AND STRUCTURAL ANALYSIS.



OVP/RRU/ANTENNA DETAIL

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

0 1 2 3

verizon

HARPER ENGINEERING, INC.
TELECOM GROUP
815 Superior Ave. Suite 1514
Cleveland, OH. 44114
Phone: (216)344-3855
Fax: (216)344-3856

DRAWING REVISIONS

Rev.	Description:	Date:	Mgr.
A	For Approval	02/14/13	DWH
0	For Construction	03/01/13	DWH
1	Added elevation	03/12/13	DWH
B	For Approval	12/14/15	DWH
2	For Construction	12/18/15	DWH

STATE OF OHIO
THOMAS L. FERGUSON
PE 79274
REGISTERED PROFESSIONAL ENGINEER
12/18/2015
Engineer's Seal

VERIZON
SITE NUMBER:
CLMB118

SITE NAME:
AVERY & 33

6430 SHIER-RINGS ROAD
DUBLIN, OH 43016

SHEET NAME:

ELEVATION & ANTENNA LAYOUTS

SHEET No./Rev.: A-1/2

SCALE: AS NOTED
DRWN. BY: MLM
CHK'D. BY: DLN
DATE: 12/09/15
FILE: 9-151-299