



CITY OF PITTSBURGH  
**Historic Review Commission**  
**Application for a Certificate of Appropriateness**

**DIRECTIONS:**

Please note: You must complete a Zoning and Development Review Application (ZDR) along with this Application. The ZDR can be filed and fees paid online after creating an account at OneStopPGH. Please upload this Application when submitting the ZDR along with your supporting documentation.

**DEADLINE:**

Completed applications must be received at least 13 business days prior to the HRC hearing, when a hearing is required. In order to confirm your spot on the agenda, you must confirm that your application has been received by emailing [historicreview@pittsburghpa.gov](mailto:historicreview@pittsburghpa.gov).

**FEE SCHEDULE:**

See attached.

**STAFF USE ONLY:**

DATE RECEIVED: \_\_\_\_\_

LOT AND BLOCK NUMBER: \_\_\_\_\_

WARD: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

ZDR#: \_\_\_\_\_

FEE PAID: \_\_\_\_\_

**ADDRESS OF PROPERTY:**

1700 E. Carson Street, Pittsburgh, PA 15203

**APPLICANT/PROPERTY OWNER INFORMATION**

OWNER NAME: 17<sup>th</sup> + Carson Partners LP COMPANY NAME: 17<sup>th</sup> + Carson Partners LP

OWNER ADDRESS: Attn: Peter Gordon, 5850 Ellsworth Ave, Suite 303, Pittsburgh, PA 15232  
Pittsburgh SMSA Limited Partnership

APPLICANT NAME: d/b/a Verizon Wireless COMPANY NAME: c/o Sittig Cortese LLC

APPLICANT ADDRESS: 437 Grant St., 1500 Frick Bldg., Pittsburgh, PA 15219

APPLICANT CONTACT (EMAIL): JPerotti@SittigCortese.com (PHONE): 412-402-4003

**SUPPORTING DOCUMENTATION (REQUIRED):**

- Drawings     Photographs     Renderings     Site Plan     Other

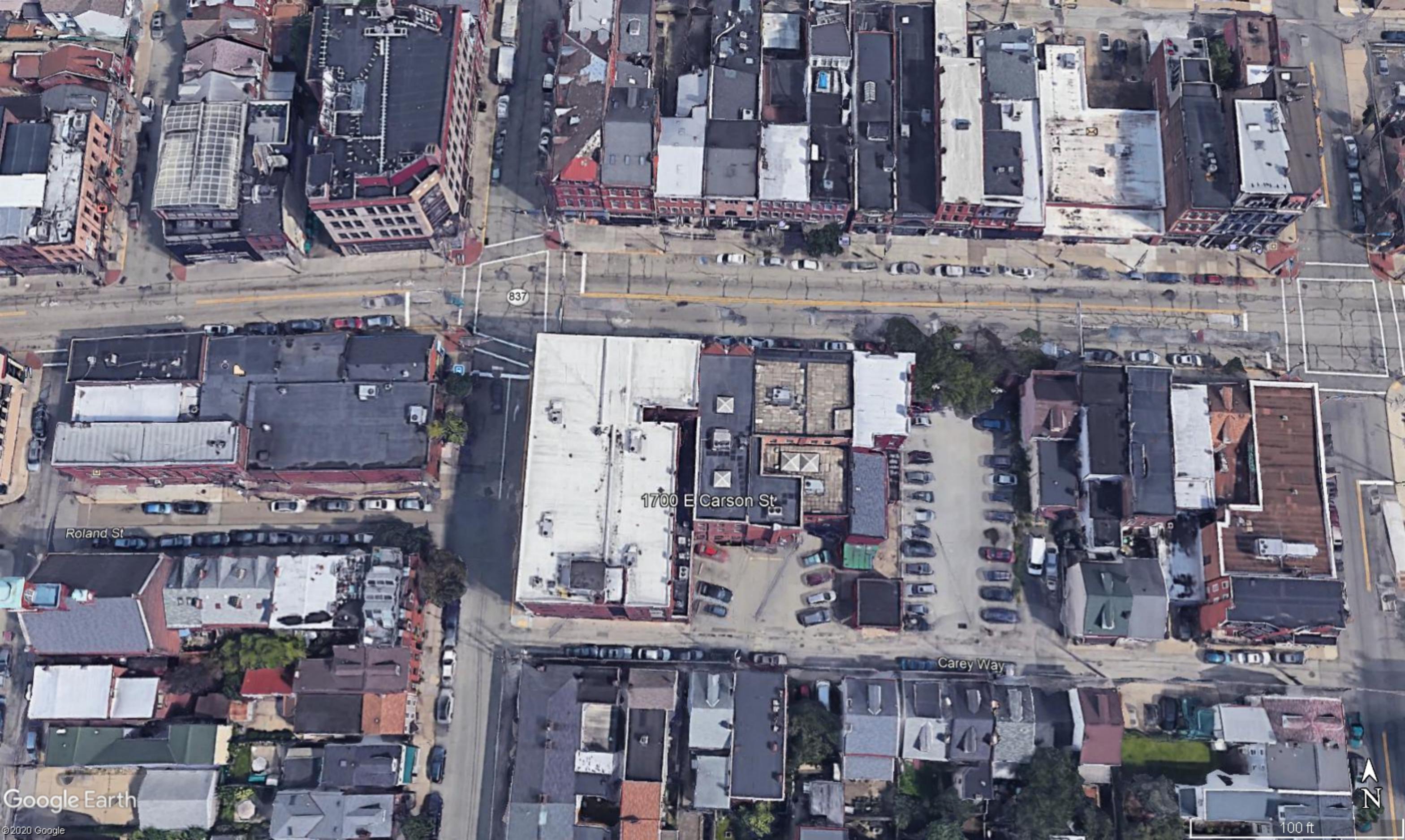
**DETAILED DESCRIPTION OF PROPOSED PROJECT (ATTACH ANOTHER SHEET IF NEEDED):**

Attachments of Verizon Wireless telecommunications antennas  
on roof top of property located at 1700 E. Carson Street.

**APPLICANT OR PROPERTY OWNER SIGNATURE:**

SIGN: 

DATE: 9-22-2020



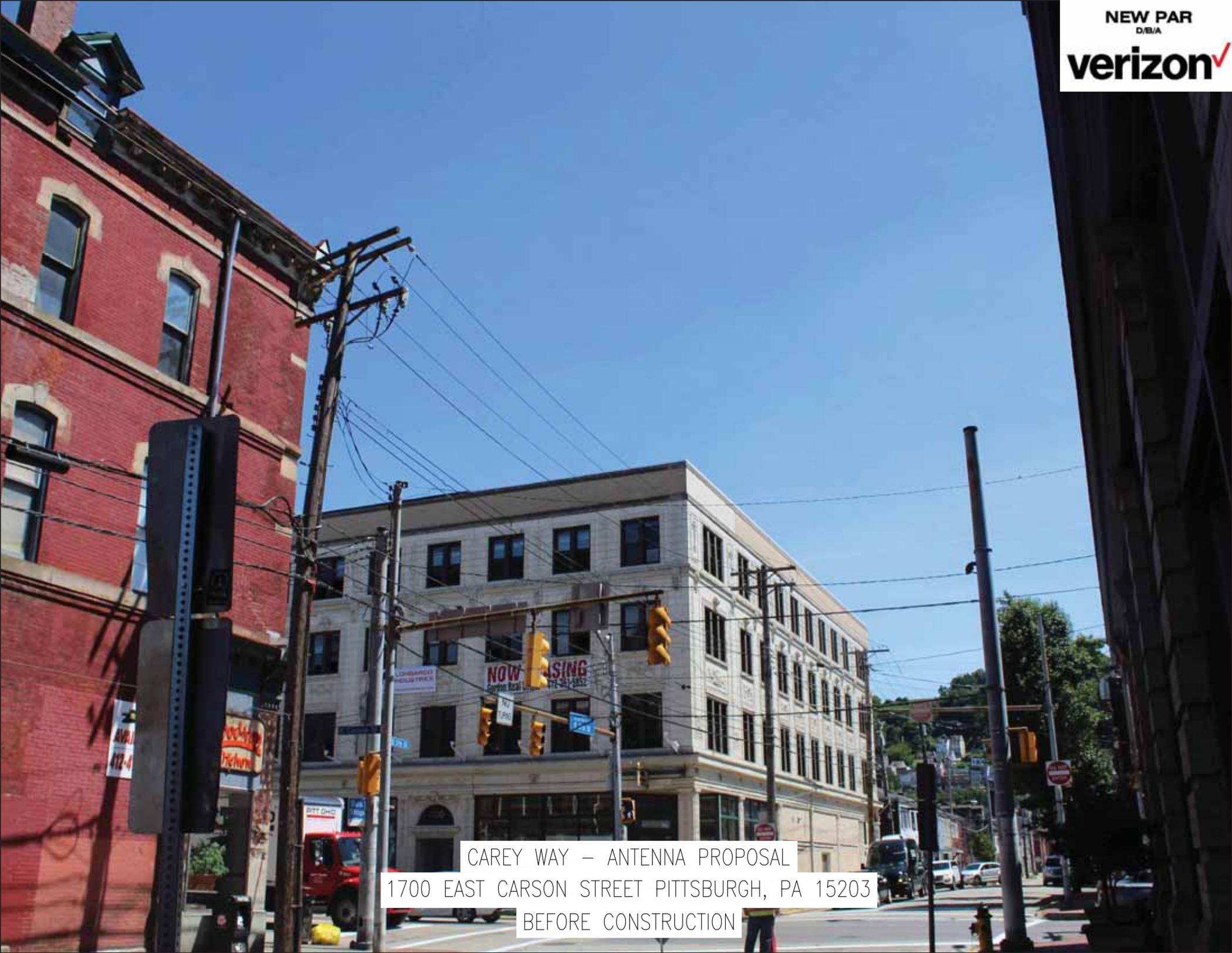
837

1700 E Carson St

Roland St

Carey Way

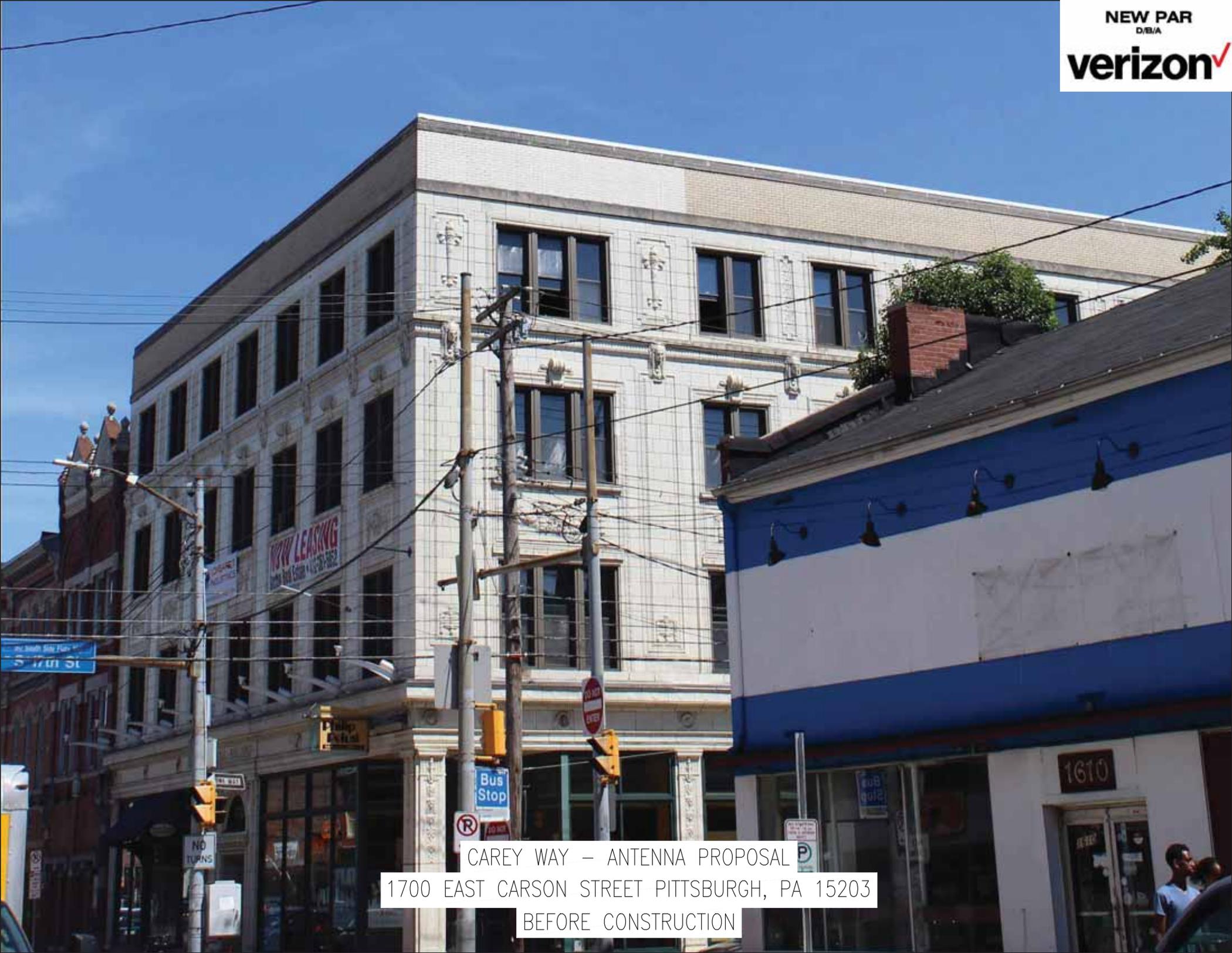




CAREY WAY – ANTENNA PROPOSAL  
1700 EAST CARSON STREET PITTSBURGH, PA 15203  
BEFORE CONSTRUCTION

PROPOSED VERIZON EQUIPMENT  
PLATFORM AND ANTENNA SUPPORT.  
WALLS AND ANTENNAS TO BE  
PAINTED TO MATCH BUILDING.

CAREY WAY – ANTENNA PROPOSAL  
1700 EAST CARSON STREET PITTSBURGH, PA 15203  
AFTER CONSTRUCTION



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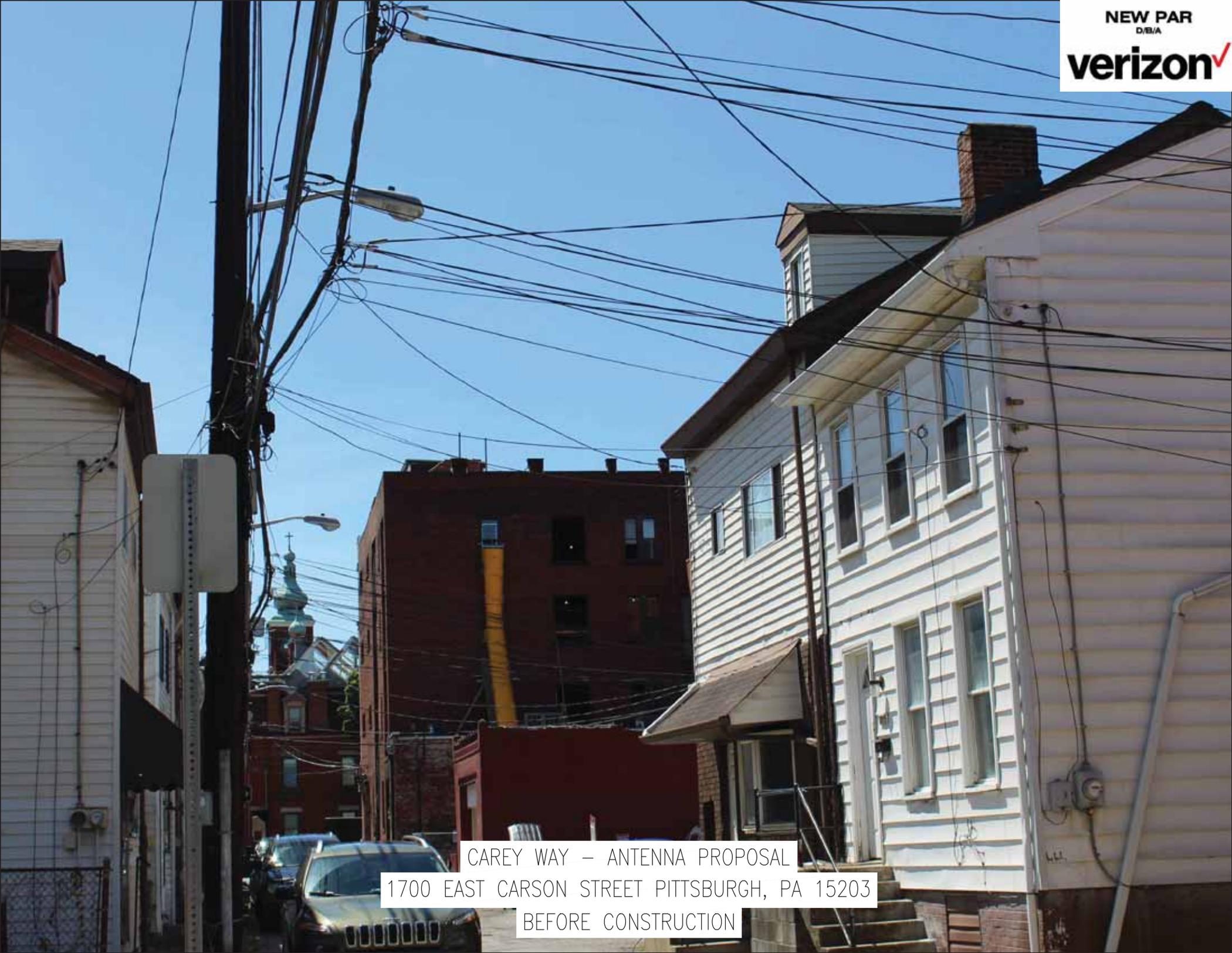
PROPOSED VERIZON EQUIPMENT  
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WALLS AND ANTENNAS TO BE  
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CAREY WAY – ANTENNA PROPOSAL

1700 EAST CARSON STREET PITTSBURGH, PA 15203

AFTER CONSTRUCTION



CAREY WAY – ANTENNA PROPOSAL  
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BEFORE CONSTRUCTION

PROPOSED LESSEE'S ANTENNAS  
AND FRAME WRAPPED WITH 3M  
REFLECTIVE TAPE TO REDUCE  
VISUAL IMPACT

CAREY WAY – ANTENNA PROPOSAL

1700 EAST CARSON STREET PITTSBURGH, PA 15203

AFTER CONSTRUCTION



SITE NAME:

# CAREY WAY

1700 EAST CARSON STREET - PITTSBURGH, PA 15203

VERIZON WIRELESS SITE NUMBER: 6162870

PROPOSED ROOFTOP TELECOMMUNICATIONS SITE WITH PLATFORM MOUNTED EQUIPMENT AND (3) ANTENNA SECTORS

### UTILITY INFORMATION

PROVIDER: DUQUESNE LIGHT  
412-393-7100  
WORK ORDER #: N/A - SUB METER  
ACCOUNT #: N/A

### SHEET INDEX

T-1	TITLE SHEET & PROJECT INFORMATION
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CIVIL SHEETS:	
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FULL SCALE PRINT IS ON 24"x36" MEDIA

### SPECIAL NOTES

- HANDICAPPED REQUIREMENTS:**
- FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
  - HANDICAPPED ACCESS REQUIREMENTS NOT REQUIRED.
- PLUMBING REQUIREMENTS:**
- FACILITY HAS NO PLUMBING OR REFRIGERANTS.
- FAA AND FCC REQUIREMENTS:**
- THIS FACILITY SHALL MEET ALL FAA AND FCC REQUIREMENTS.
- CONSTRUCTION REQUIREMENTS:**
- ALL WORK MUST CONFORM TO VERIZON WIRELESS CONSTRUCTION INSTALLATION STANDARDS & ALL APPLICABLE CODES AND ORDINANCES.

### BUILDING CODES AND STANDARDS

- CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE LOCATION.
- CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:
- AMERICAN CONCRETE INSTITUTE 318
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S MANUAL OF STEEL CONSTRUCTION
  - TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-222
  - STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND SUPPORTING STRUCTURES TIA-601
  - COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
  - INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS IEEE-81, IEEE 1100, IEEE C62.41
  - ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION
  - IBC AND AMENDMENTS
  - LATEST NEC
- FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.

PREPARED BY:  
**GALETTA**  
ENGINEERING CORPORATION  
Consulting Engineers  
FOSTER PLAZA 4  
501 HOLIDAY DR. SUITE 105  
PITTSBURGH, PA 15220  
412-261-3357

PREPARED FOR:  
**verizon**  
18 ABLE ROAD  
BRIDGEVILLE, PA 15017



FULL SCALE PRINT IS ON 24" x 36" MEDIA

### CONSTRUCTION DRAWINGS

REV	DATE	DESCRIPTION
A	06/20/19	ISSUED FOR REVIEW
B	07/10/19	REVISED FOR APPROVAL
C	08/27/19	ISSUED FOR COMMENTS
0	09/20/19	ISSUED FOR CONSTRUCTION
1	1/24/20	ISSUED FOR CONSTRUCTION

### PITTSBURGH ZONING REQUIREMENTS:

THE INSTALLATION IS DESIGNED FOR COMPLIANCE WITH THE CITY OF PITTSBURGH'S ZONING CODE STANDARDS REGARDING ICE BUILDUP AND DEBRIS

### PROJECT INFORMATION

VERIZON WIRELESS SITE NAME: CAREY WAY  
 VERIZON WIRELESS SITE NUMBER: 6162870  
 E911 ADDRESS: 1700 EAST CARSON ST. PITTSBURGH, PA 15203

PROPERTY INFORMATION: PARCEL ID: 0012-E-00380-0000-00  
 DEED BOOK/PAGE: 11493/223

COUNTY: ALLEGHENY

STRUCTURE TYPE: ROOFTOP CELL SITE

OVERALL STRUCTURE HEIGHT: 60' AGL

ELEVATION: 813'± AMSL

LATITUDE: N 40° 25' 43.2"  
 LONGITUDE: W 79° 58' 54.6"

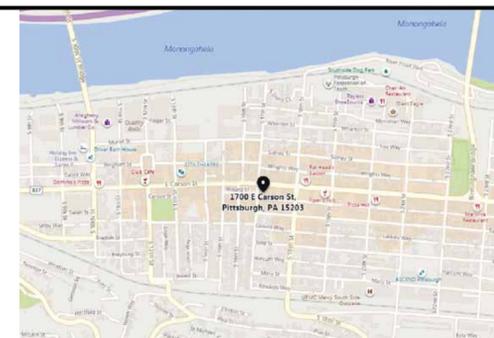
ZONING CLASSIFICATION: 12-E-30

APPLICANT: VERIZON WIRELESS  
 7575 COMMERCE COURT  
 LEWIS CENTER, OHIO 43035

PROPERTY OWNER: DAVID TURNER  
 5850 ELLSWORTH AVE. SUITE 303  
 PITTSBURGH, PA. 15232  
 412-683-0650

CONSTRUCTION MANAGER: PATRICK KENNEDY  
 REAL ESTATE MANAGER: AMY SABO

### LOCATION MAP



### ENVIRONMENTAL REQUIREMENTS

- NOTICE TO CONTRACTOR ATTACHED
- NO ENVIRONMENTAL RESTRICTIONS

### SCOPE OF WORK:

- PROPOSED UNMANNED TELECOMMUNICATIONS FACILITY.
- SITE WORK, PROPOSED ANTENNAS ON FRAMES, EQUIPMENT CABINETS ON AN EQUIPMENT PLATFORM, AND UTILITY INSTALLATION.

### GENERAL CONSTRUCTION NOTES

CONTRACTOR SHALL VERIFY ALL PLANS AND DIMENSIONS WITH EXISTING CONDITIONS PRIOR TO STARTING ANY WORK. IF CONDITIONS DIFFER FROM WHAT IS PROPOSED CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE ORDERING MATERIALS OR PROCEEDING WITH THE WORK. CONTRACTOR TO INSPECT AND ASSESS THE EXISTING STRUCTURAL SUPPORTS, ALL ASSOCIATED SUPPORT HARDWARE, AND STRUCTURE FOR ANY DEFECTS OR DAMAGE PRIOR TO INSTALLATION. ANY CONCERNS OF THE OVERALL CONDITION OF THE WORK ENVIRONMENT TO BE COMMUNICATED WITH THE ENGINEER OF RECORD PRIOR TO STARTING WORK.



# Pennsylvania 811

Damage Prevention Starts with One Call  
Dial 8-1-1 Before You Dig.

PA Law Requires 3 Business Days Notice  
1-800-242-1776  
www.paonecall.org

### SITE INFORMATION:

#### CAREY WAY

1700 EAST CARSON ST.  
PITTSBURGH, PA 15203

ALLEGHENY COUNTY

### SITE NUMBER:

6162870

A&E NUMBER: 419033

DRAWN BY: KRB  
CHECKED BY: BPB  
DATE: 1/22/2020

### SHEET TITLE: TITLE SHEET & PROJECT INFORMATION

### SHEET NUMBER:

# T-1





PREPARED BY:  
**GALLETTA**  
 ENGINEERING CORPORATION  
 Consulting Engineers  
 FOSTER PLAZA 4  
 501 HOLIDAY DR- SUITE 105  
 PITTSBURGH, PA 15220  
 412-261-3357

PREPARED FOR:  
**verizon**  
 18 ABLE ROAD  
 BRIDGEVILLE, PA 15017



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1700 EAST CARSON ST.  
 PITTSBURGH, PA 15203  
 ALLEGHENY COUNTY

SITE NUMBER:

**6162870**

A&E NUMBER: 419033

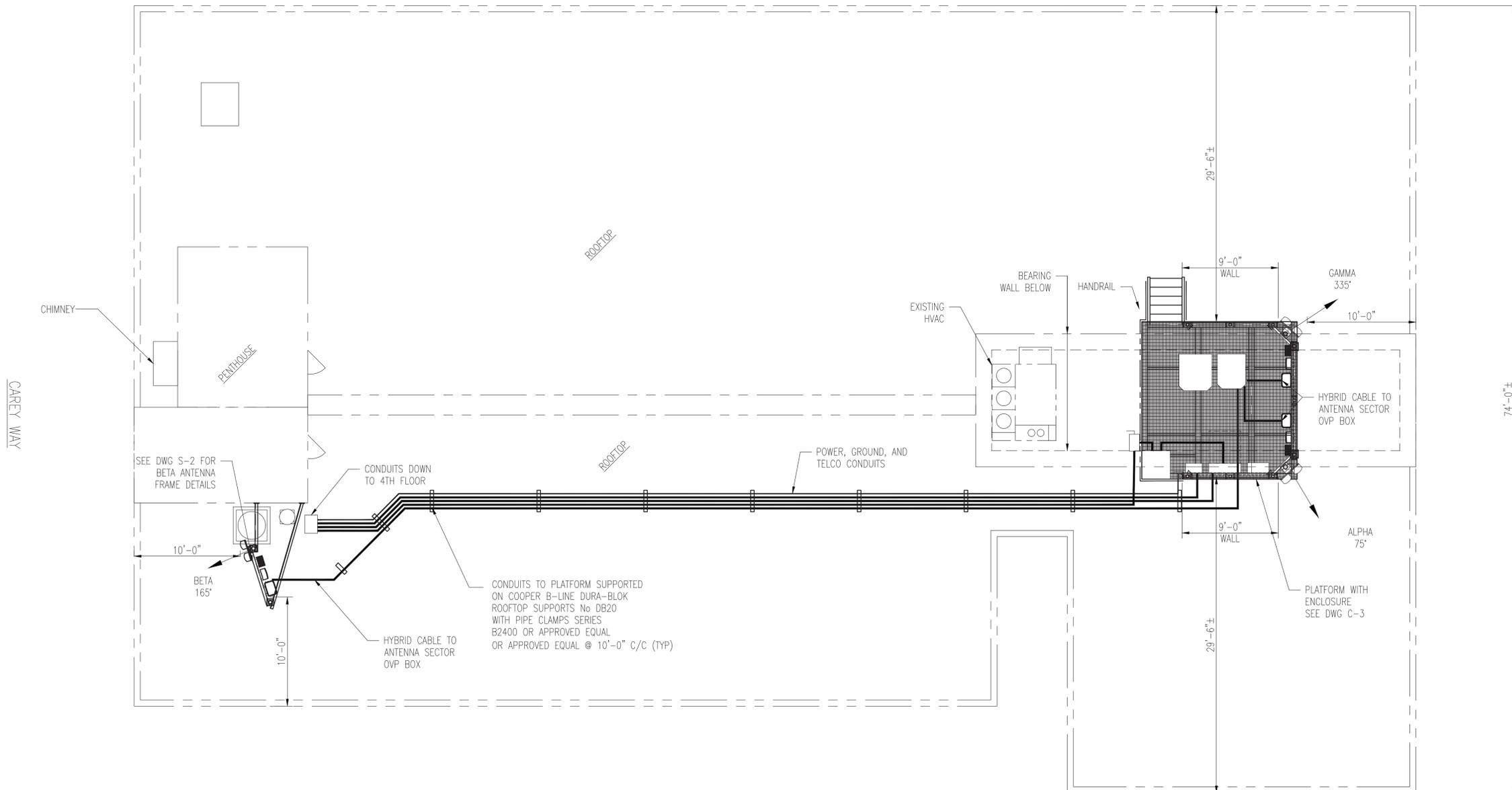
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 CHECKED BY: BPB  
 DATE: 1/22/2020

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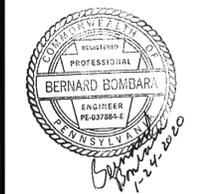
**ROOF PLAN**

SHEET NUMBER:

**C-1**



SITE PLAN



FULL SCALE PRINT IS ON 24" x 36" MEDIA

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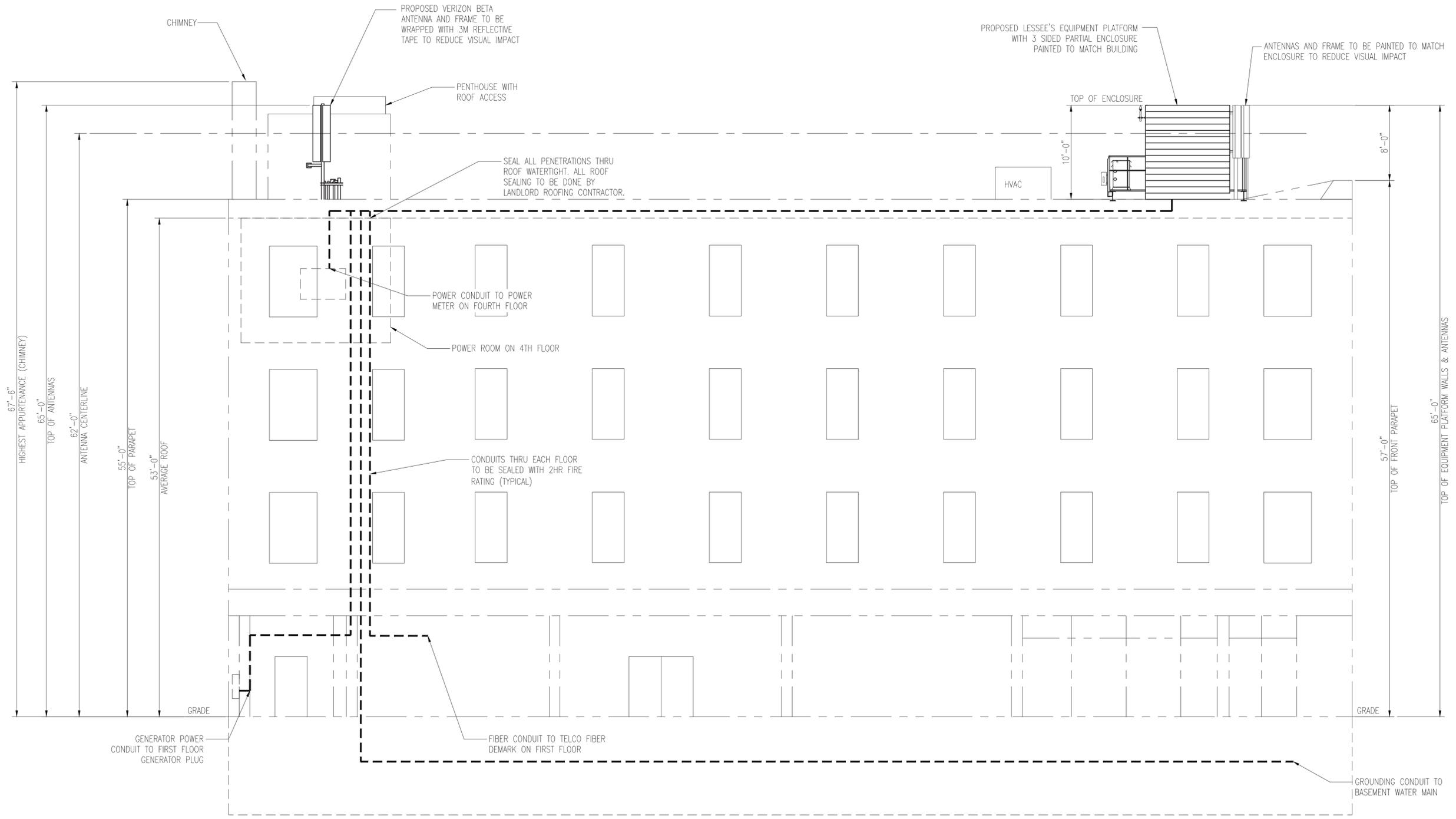
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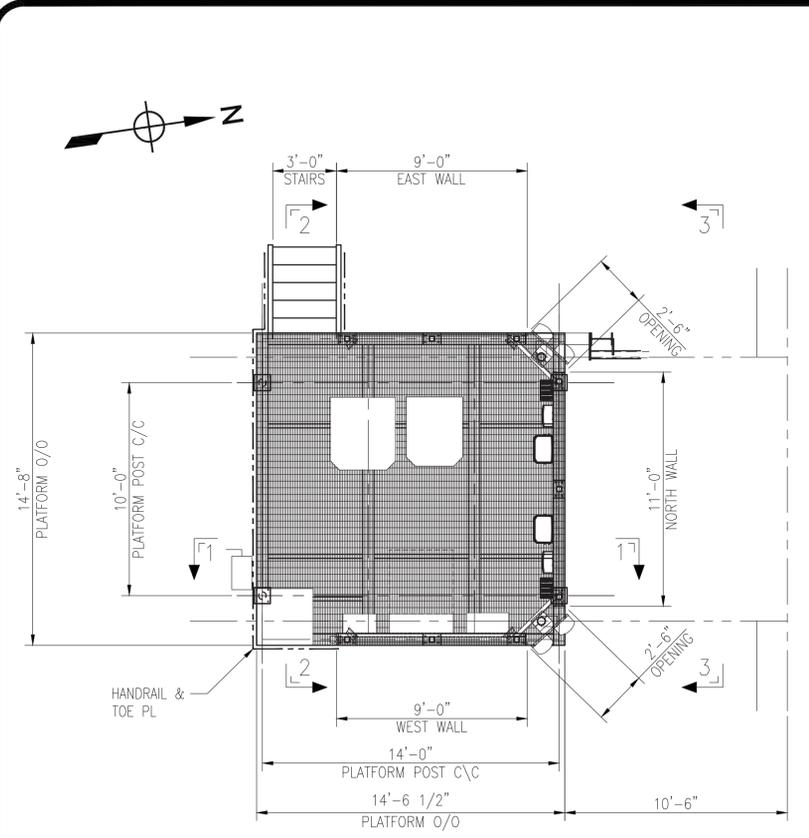
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 DRAWN BY: KRB  
 CHECKED BY: BPB  
 DATE: 1/22/2020

SHEET TITLE:  
**ELEVATIONS**

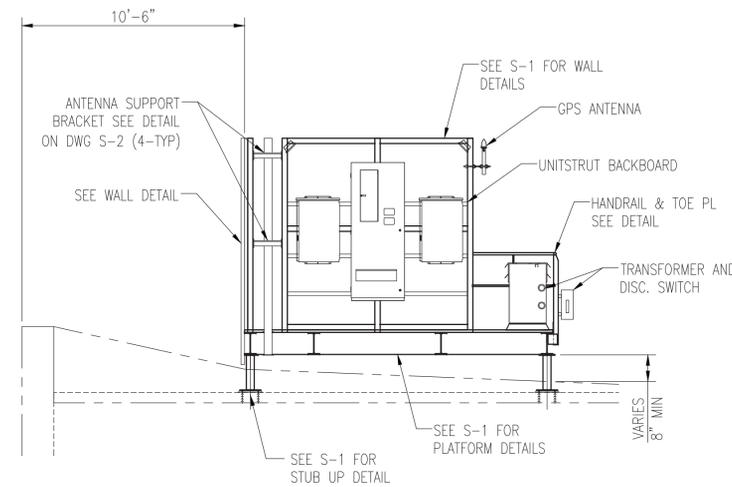
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**C-2**



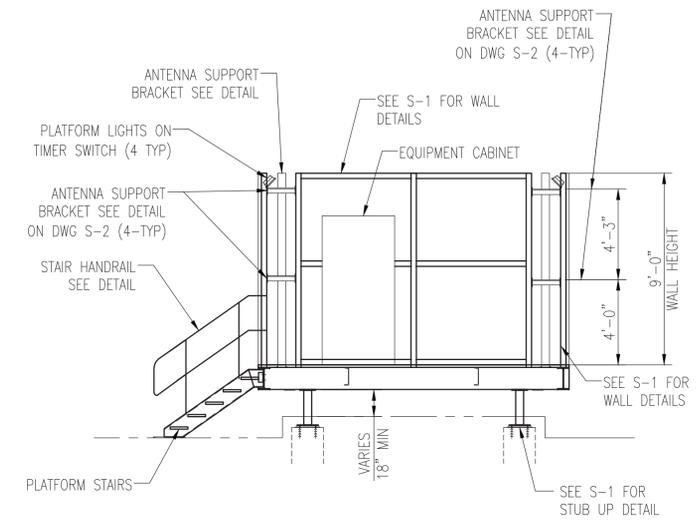
ELEVATION LOOKING WEST



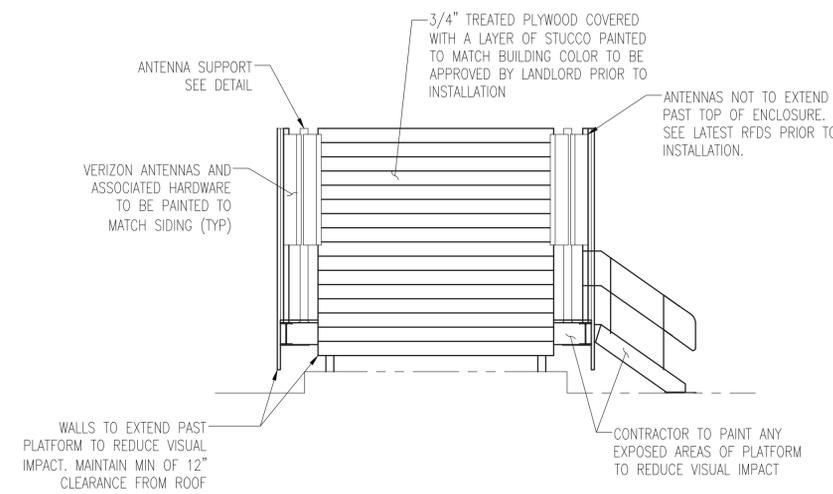
EQUIPMENT PLATFORM ~ PLAN



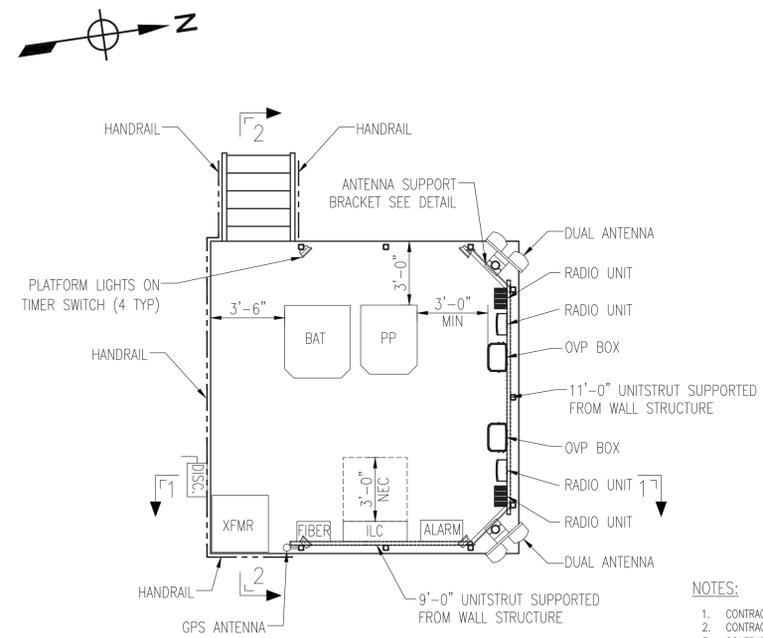
EQUIPMENT PLATFORM ~ SECTION 1-1



EQUIPMENT PLATFORM ~ SECTION 2-2



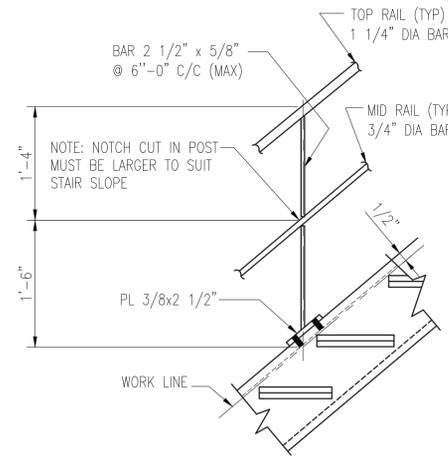
PLATFORM EXTERIOR ~ SECTION 3-3



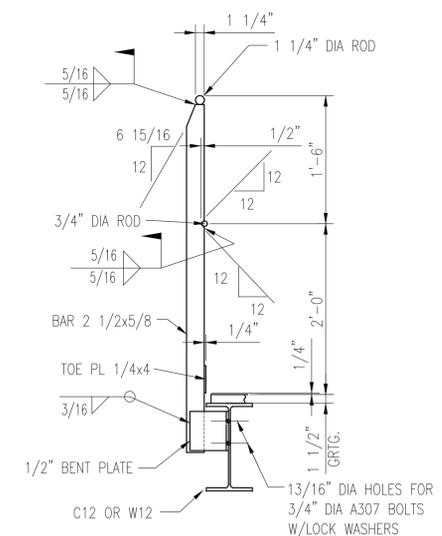
EQUIPMENT LAYOUT

NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSION PRIOR TO ORDERING MATERIALS.
2. CONTRACTOR TO REPORT AND DIFFERENCES TO VERIZON ENGINEERS.
3. CONTRACTOR TO VERIFY CONSTRUCTION OF PARAPET (BRICK AND/OR CONCRETE BLOCK), IF CONSTRUCTION IS DIFFERENT CONTACT CONSTRUCTION MANAGER IN WRITING.
4. CONTRACTOR TO FILL CORE HOLES IN CONCRETE BLOCK A MIN OF 2 BLOCK IN ALL DIRECTIONS AND REPOINT THE BRICK A MIN OF 2 FOOT ALL AROUND THE DOWN AREAS.
5. CONTRACTOR TO VERIFY DISTANCE FROM TOP OF ROOF TO TOP OF GRATING PRIOR TO STAIR FABRICATION AND ADJUST ACCORDINGLY.



STAIR HANDRAIL



PLATFORM HANDRAIL

PREPARED BY:  
**GALETTA**  
ENGINEERING CORPORATION  
Consulting Engineers  
FOSTER PLAZA 4  
501 HOLIDAY DR. SUITE 105  
PITTSBURGH, PA 15220  
412-261-3357

PREPARED FOR:  
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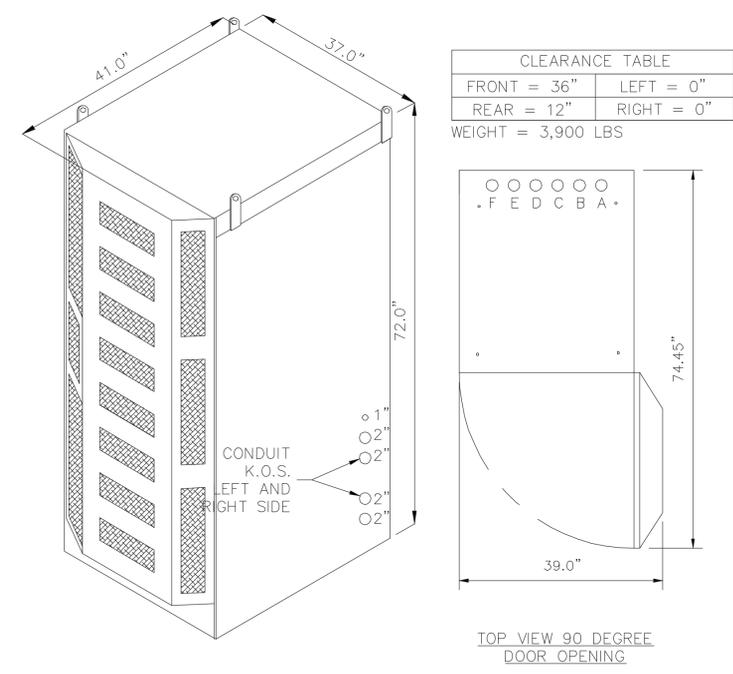
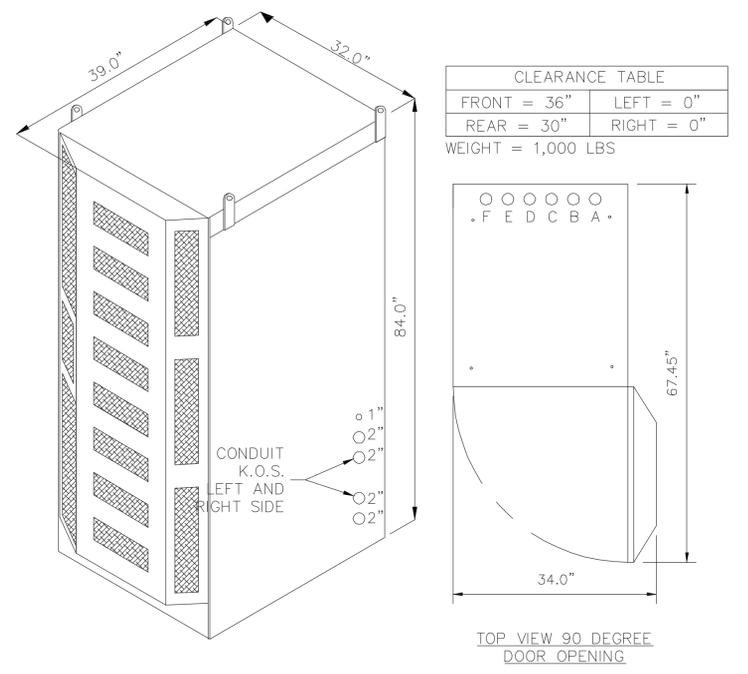
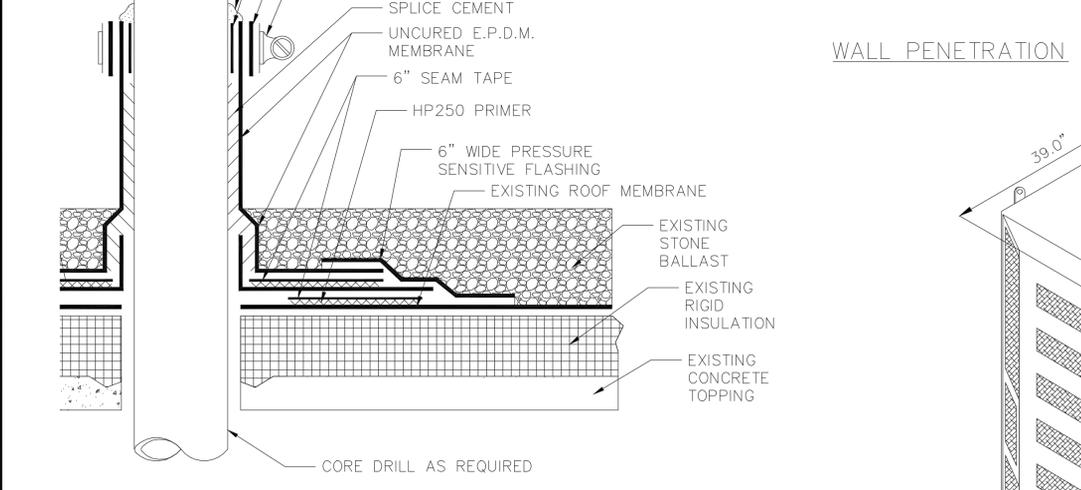
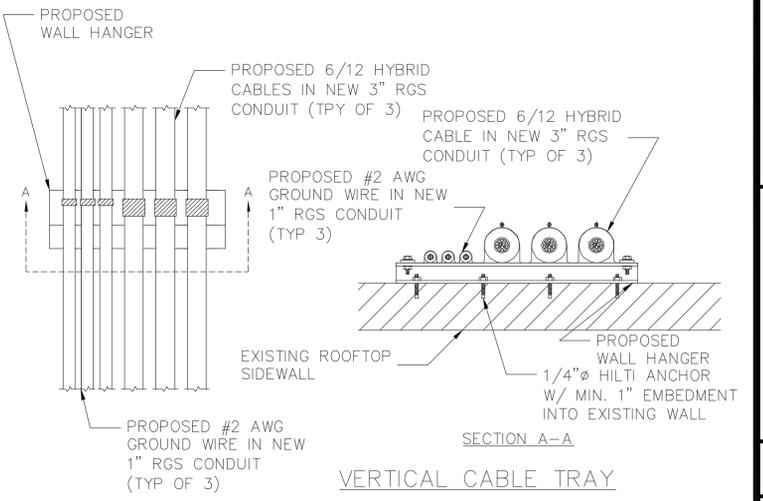
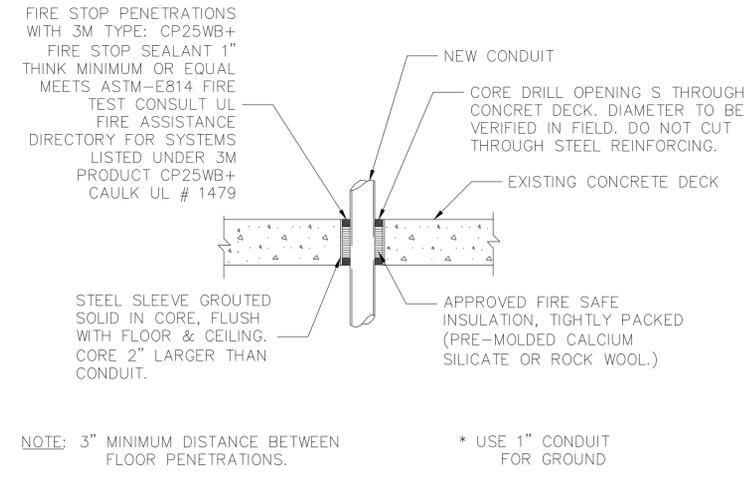
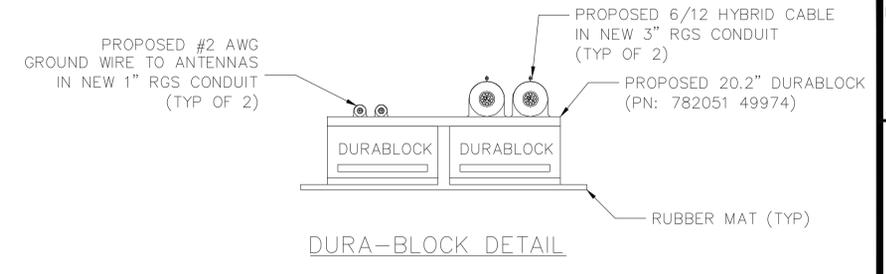
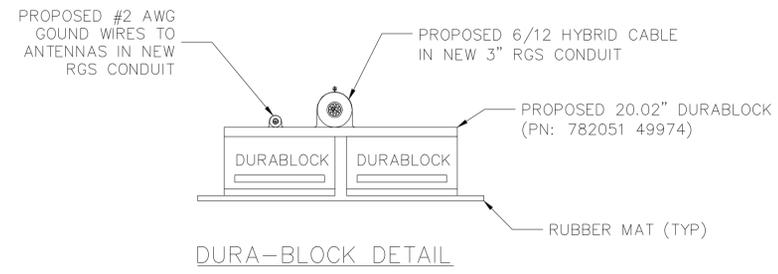
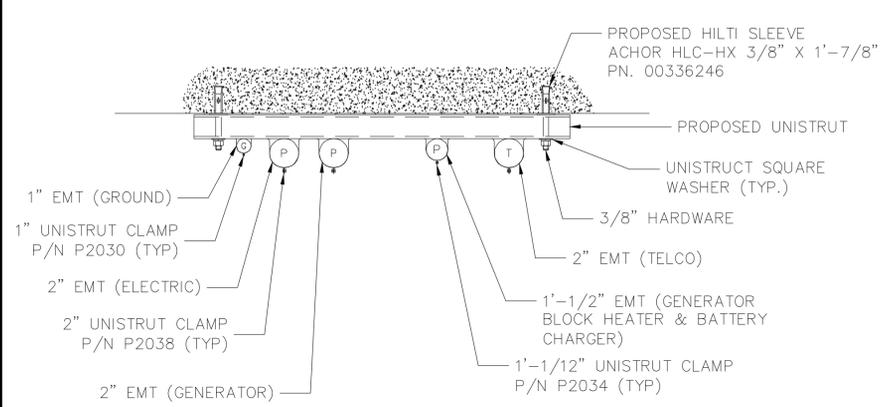
DRAWN BY: KRB  
CHECKED BY: BPB  
DATE: 1/22/2020

SHEET TITLE:

**PLATFORM  
DETAILS**

SHEET NUMBER:

**C-3**



- ROOF NOTES:**
- COORDINATE ALL ROOD PENETRATIONS/WORK WITH BUILDING ROOFER.
  - PROTECT ROOF DURING CONSTRUCTION AS REQUIRED TO PREVENT DAMAGE TO EXISTING ROOF SYSTEM.
  - ANY PENETRATIONS NOT PERMANENTLY SEALED AT THE END OF A WORK DAY MUST BE TEMPORARILY SEALED TO PREVENT WATER INFILTRATIONS OVERNIGHT.
  - ANY STONE BALLAST MOVED DURING CONSTRUCTION SHALL BE SPREAD EVENLY OVER ROOF UPON COMPLETION.
  - CONTRACTORS ARE TO UTILIZE EXISTING PAVER WALKWAYS AS MUCH AS POSSIBLE DURING CONSTRUCTION. NEW PAVERS SHALL BE INSTALLED AS REQUIRED TO ACCESS ANTENNAS AND EQUIPMENT.

- A. 2" K.O. POWER-AC POWER (SOURCE)  
 B. 2" K.O. BOX 1-DC POWER TO RRH/RRU 1-6  
 C. 2" K.O. BOX 2-DC POWER TO RRH/RRU 7-12  
 D. 2" K.O. BOX 3-DC POWER TO RRH/RRU 13-18  
 E. 2" K.O. BOX 4-DC POWER AND TELCO TO BBU/MU 1-3  
 F. 2" K.O. BOX TELCO-TELCO INTERFACE

- A. 2" K.O. POWER-AC POWER (SOURCE)  
 B. 2" K.O. BOX 1-DC POWER TO RRH/RRU 1-6  
 C. 2" K.O. BOX 2-DC POWER TO RRH/RRU 7-12  
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 F. 2" K.O. BOX TELCO-TELCO INTERFACE

COMMSCOPE BBU/POWER PLANT & OVP CABINET

COMMSCOPE BATTERY BACKUP CABINET

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**6162870**

A&E NUMBER: 419033  
 DRAWN BY: KRB  
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SHEET TITLE:  
**EQUIPMENT DETAILS**

SHEET NUMBER:  
**C-4**



**GENERAL NOTES:**

- PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- PRIOR TO THE SUBMISSION OF THE BIDS, THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH THE FIELD CONDITIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE VERIZON WIRELESS CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL RECEIVE IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY IDENTIFIED BY THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE NOTED.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING BEST SKILLED PERSONNEL. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE LANDLORD'S AUTHORIZED REPRESENTATIVE.
- THE CONTRACTOR SHALL ACQUIRE SURVEYOR SERVICES TO PROVIDE CONSTRUCTION STAKING PRIOR TO START OF CONSTRUCTION. CONSTRUCTION STAKING SHALL IDENTIFY EASEMENT BOUNDARIES, LEASE BOUNDARIES, TOWER FOUNDATION CENTERS/BOUNDARIES, EQUIPMENT PAD CORNERS, FENCE CORNERS, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH CONSTRUCTION STAKING.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, GALVANIZED SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS BUILT DRAWINGS TO THE OWNER AFTER COMPLETION OF THE JOB.
- MEANS AND METHODS OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, THE DESIGN AND PLACEMENT OF FORMS AND SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EARTHWORK, GRADING AND PAVING SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT STATE DEPARTMENT OF TRANSPORTATION STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL INCLUDE ALL DEFECTS IN MATERIALS AND WORKMANSHIP.
- ALL DIRT WILL BE DISPOSED OF OFFSITE BY THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SIGNS, BARRICADES, FENCING, TRAFFIC CONTROL DEVICES AND MEASURES, AND ALL OTHER MEASURES THAT ARE NECESSARY TO PROTECT THE SAFETY OF THE SITE AT ALL TIMES.
- THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, THE ENGINEER, THE MUNICIPALITY, AND ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITS AND CLAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR OTHERWISE PAY ALL LEGAL FEES ARISING OUT OF THE DEFENSE OF SAID PARTIES.
- EXISTING UTILITIES, IF ANY, ARE SHOWN AS A GUIDE ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO EXCAVATING ANYWHERE ON THE SITE.

- ALL ADDENDA, IF ANY, MUST BE ACKNOWLEDGED WITH THE BID.
- THE CONTRACTOR SHALL FOLLOW THE GENERAL CONTRACTOR RESPONSIBILITIES LISTED IN THE VERIZON WIRELESS STATEMENT OF WORK SECTION 5.1.
- THE CONTRACTOR SHALL POST ALL SIGNAGE REQUIRED PER VERIZON WIRELESS STATEMENT OF WORK SECTION 5.2.

**CONCRETE AND STEEL REINFORCEMENT NOTES:**

- ALL CONCRETE SHALL BE NORMAL WEIGHT AND SHALL ACHIEVE A COMPRESSIVE STRENGTH,
- FC = 4000 PSI AT 7 DAYS, UNLESS NOTED OTHERWISE. CEMENT SHALL CONFORM TO ASTM C150 TYPE LL. ALL EXPOSED CONCRETE SHALL BE ENTRAINED.
- MAXIMUM AGGREGATE SIZE SHALL NOT EXCEED 3/4".
- SLUMP OF CONCRETE SHALL BE 2" TO 5".
- NO ADMIXTURES SHALL BE USED WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER.
- ALL CONSTRUCTION AND EXPANSION JOINTS SHALL BE INSTALLED PER THE DRAWINGS.
- ALL EXPOSED CORNERS OF CONCRETE WORK SHALL BE CHAMFERED 3/4" UNLESS NOTED OTHERWISE
- CURING OF CONCRETE SHALL BE PER ACI 308.89, STANDARD PRACTICE FOR CURING CONCRETE.
- PLACE CONCRETE IN ACCORDANCE WITH ACI 304.89.
- HOT WEATHER CONCRETE SHALL BE PER ACI 305R.89, COLD WEATHER CONCRETING SHALL BE PER ACI 306R.89.
- PRIOR TO THE PLACEMENT OF THE CONCRETE, THE CONTRACTOR SHALL PROVIDE A MINIMUM 24 HOUR WRITTEN NOTICE TO THE OWNERS REPRESENTATIVE AND THE TESTING AGENCY.
- PROVIDE TEST CYLINDERS AS FOLLOWS:  
A. EQUIPMENT PAD FOUNDATION: (1)CYLINDER @ 7 DAYS, (1) CYLINDER @ 28 DAYS.  
B. TOWER FOUNDATION (IF APPLICABLE): (1)CYLINDER @ 7 DAYS, (1) CYLINDER @ 28 DAYS.
- REINFORCED STEEL SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
- ALL WELDED WIRE FABRIC MUST CONFORM TO ASTM A 185.
- UNLESS NOTED OTHERWISE ALL REINFORCING STEEL SHALL BE LAPPED PER ACI CODE - 318.
- ALL FORM WORK SHALL BE RIGID, TIGHT, LEVEL, PLUMB AND SUFFICIENTLY SHORED TO RESIST CONSTRUCTION LOAD CONDITIONS.
- WELDING OF REINFORCING STEEL IS PROHIBITED.
- ALL REBAR SPLICES SHALL BE CLASS "C", NO WELDING WILL BE ALLOWED.
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM-A184 AND ASTM-A185 FOR CAST IN PLACE CONCRETE.

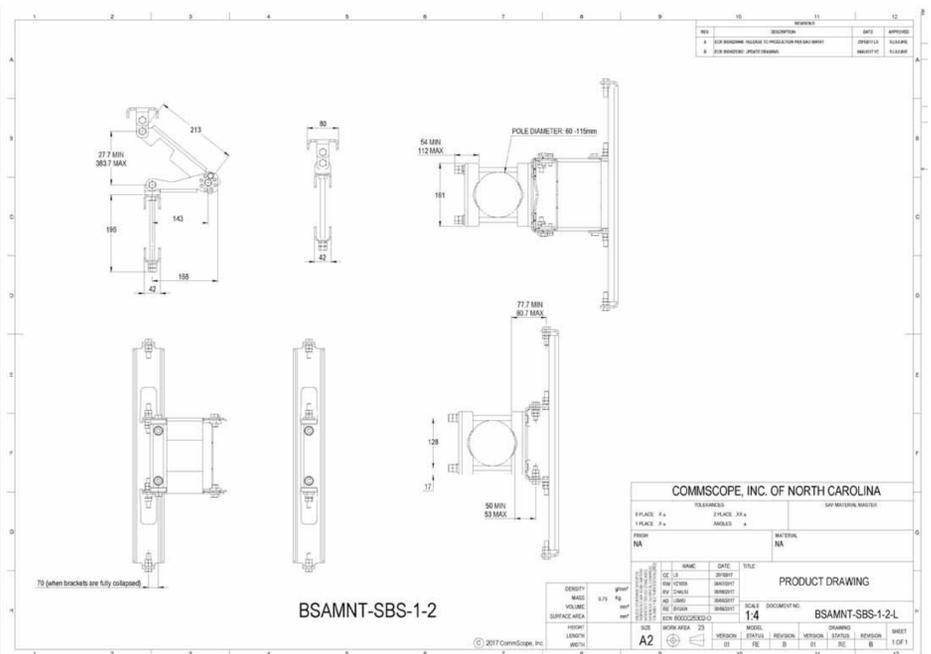
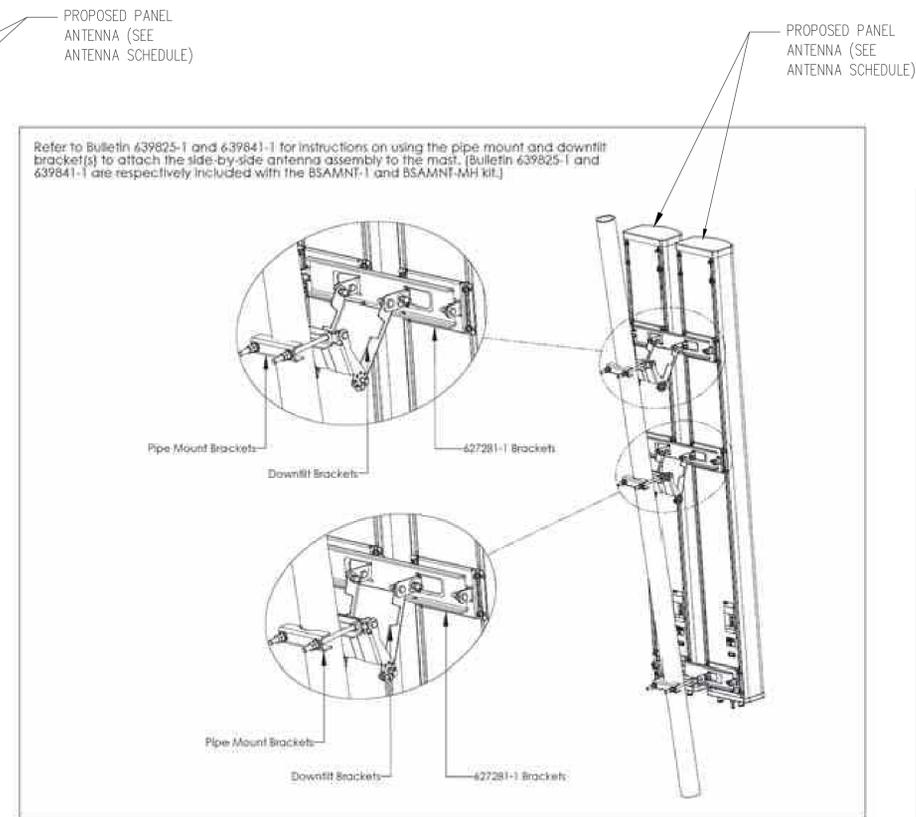
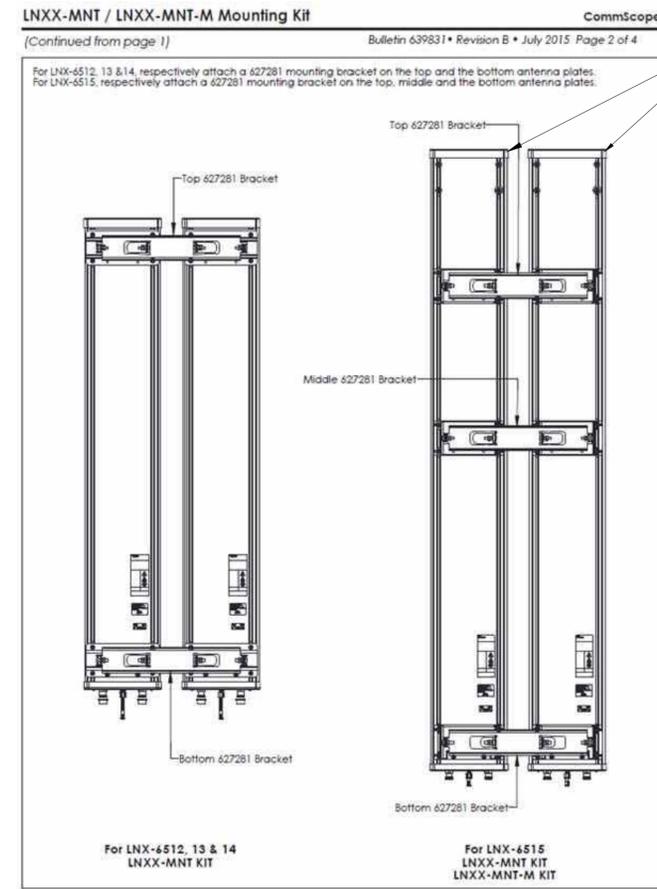
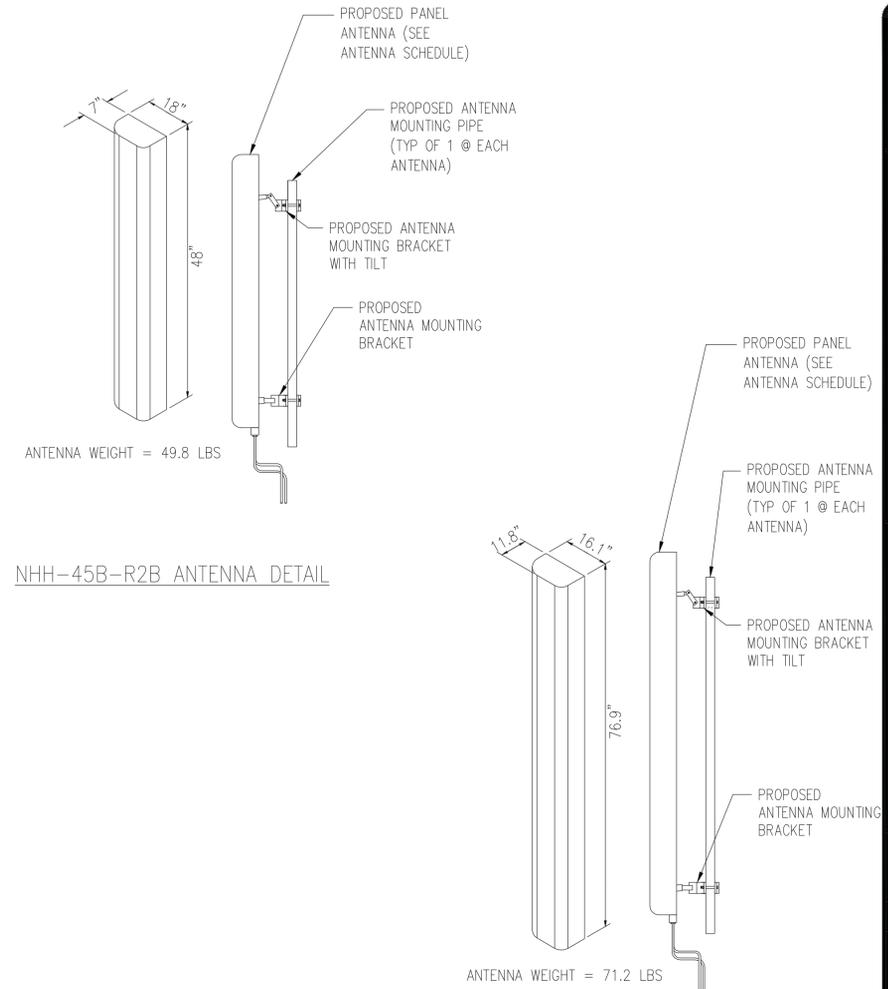


Figure 4. Antenna Assembly Attached to Mast Using LNXX-MNT / LNXX-MNT-M Mounting Kits.

DUAL BRACKET ANTENNA MOUNTING DETAILS

PREPARED BY:  
**GALETTA**  
ENGINEERING CORPORATION  
Consulting Engineers  
FOSTER PLAZA 4  
501 HOLIDAY DR. SUITE 105  
PITTSBURGH, PA 15220  
412-261-3357

PREPARED FOR:  
**verizon**  
18 ABLE ROAD  
BRIDGEVILLE, PA 15017



FULL SCALE PRINT IS ON 24" x 36" MEDIA

**CONSTRUCTION DRAWINGS**

REV	DATE	DESCRIPTION
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C	08/27/19	ISSUED FOR COMMENTS
0	09/20/19	ISSUED FOR CONSTRUCTION
1	1/24/20	ISSUED FOR CONSTRUCTION

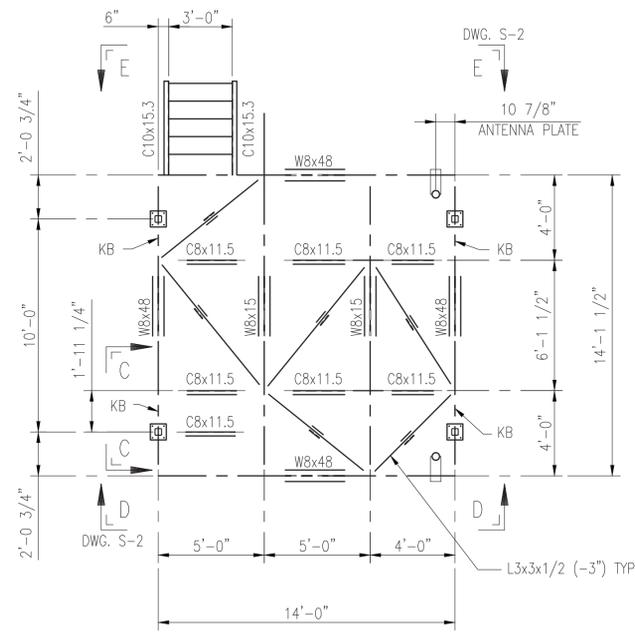
SITE INFORMATION:  
**CAREY WAY**  
1700 EAST CARSON ST.  
PITTSBURGH, PA 15203  
ALLEGHENY COUNTY

SITE NUMBER:  
**6162870**

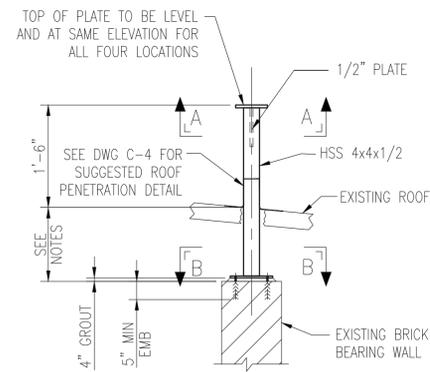
A&E NUMBER: 419033  
DRAWN BY: KRB  
CHECKED BY: BPB  
DATE: 1/22/2020

SHEET TITLE:  
**ANTENNA SPECIFICATIONS**

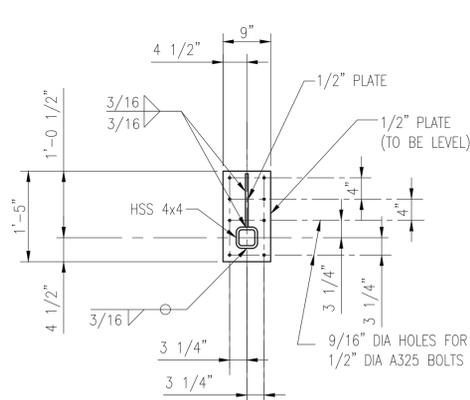
SHEET NUMBER:  
**C-6**



EQUIPMENT PLATFORM LOWER FRAMING PLAN

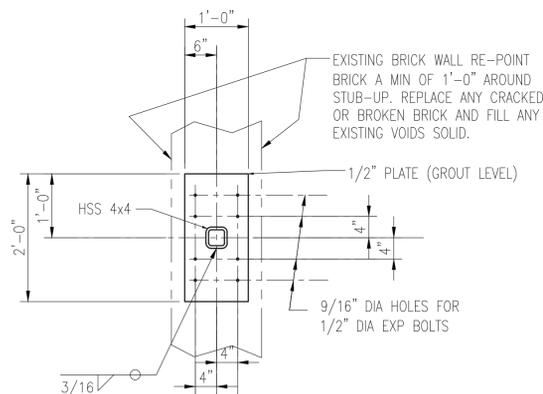


STUB-UP DETAIL "1"  
(4 REQ'D)

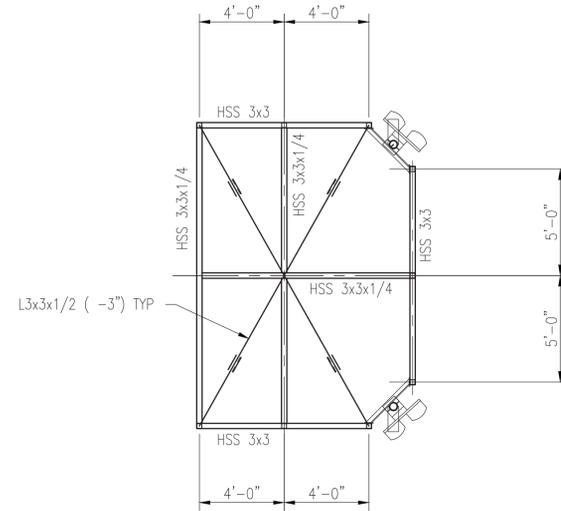


SECTION A-A  
(4 REQ'D)  
FOR ORIENTATION SEE PLAN

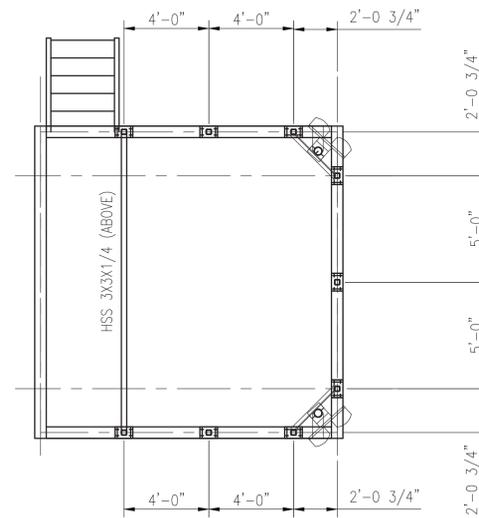
- NOTES:**
1. IF FIELD CONDITIONS ARE NOT AS SHOWN, CONTRACTOR TO CONTACT VERIZON WIRELESS.
  2. DO NOT CUT OR MODIFY ANY EXISTING JOISTS FOR THIS INSTALLATION.



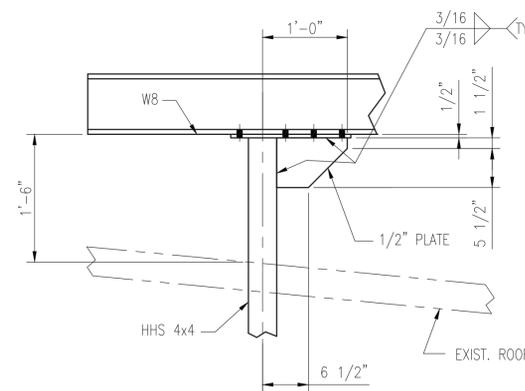
SECTION B-B



TOP PLAN

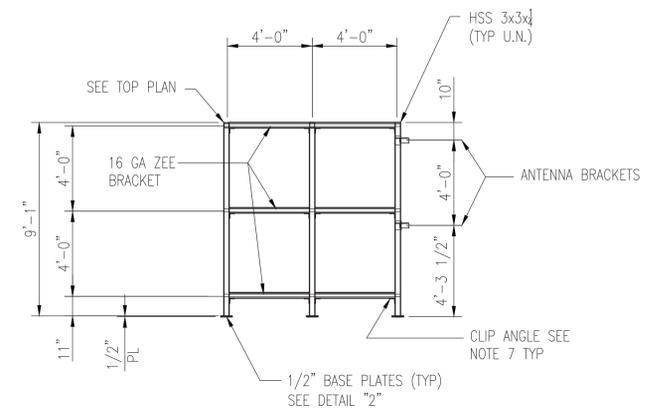


EQUIPMENT WALL POST LOCATIONS

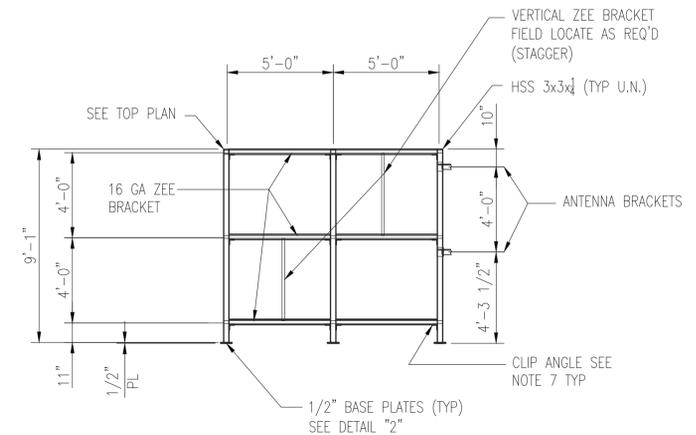


FOR CONTINUATION SEE STUB-UP DETAIL "1"

SECTION C-C  
TYP. 4 PLACES



EAST & WEST WALL FRAMING



NORTH WALL FRAMING

**STRUCTURAL STEEL GENERAL NOTES**

1. ALL STRUCTURAL STEEL WORK SHALL BE IN ACCORDANCE WITH THE "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" (LATEST EDITION AS REVISED) OF THE AISC.
2. ALL MATERIAL SHALL BE HOT ROLLED STRUCTURAL STEEL CONFORMING TO THE FOLLOWING:  
SHAPES (W) & (WT) --- ASTM-992 OR GRADE 50  
SHAPES (OTHER) --- ASTM-A36  
PLATE --- ASTM-A36  
SHEET --- ASTM-A1011 OR GRADE 36 TYPE 1  
PIPE --- ASTM-A53 GRADE B
3. ALL STEEL TO BE GALVANIZED ASTM A123. ALL BOLTS, FASTENERS AND HARDWARE TO BE GALVANIZED ASTM 153.
4. ALL BOLTS SHALL BE ASTM A325, 3/4 INCH DIAMETER, UNLESS NOTED OTHERWISE.
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE STRUCTURAL WELDING CODE, AWS D1.1 LATEST EDITION, OF THE AMERICAN WELDING SOCIETY. ELECTRODES SHALL BE E70XX FOR MANUAL ARC WELDING.
6. GRATING TO BE SERIES (15W4) (BEARING BARS 15/16" C/C AND CROSS BARS 4" C/C). BAND OPENING LARGER THAN 4" DIA. AND THE UNSUPPORTED EDGES OF BEARING BARS, OPENING LARGER THAN 10" WILL REQUIRE 4" x 1/4" THICK TOE PLATE. ALL STAIR TREADS TO HAVE ABRASIVE NOSING. GRATING AND TREADS TO BE GALVANIZED.
7. ALL CLIP ANGLES TO BE L3x3x3/8 UNLESS NOTED OTHERWISE.

PREPARED BY:  
**GALETTA**  
ENGINEERING CORPORATION  
Consulting Engineers  
FOSTER PLAZA 4  
501 HOLIDAY DR. SUITE 105  
PITTSBURGH, PA 15220  
412-261-3357

PREPARED FOR:  
**verizon**  
18 ABLE ROAD  
BRIDGEVILLE, PA 15017



FULL SCALE PRINT IS  
ON 24" x 36" MEDIA

**CONSTRUCTION  
DRAWINGS**

REV	DATE	DESCRIPTION
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1	1/24/20	ISSUED FOR CONSTRUCTION

**SITE INFORMATION:**

**CAREY WAY**

1700 EAST CARSON ST.  
PITTSBURGH, PA 15203  
ALLEGHENY COUNTY

**SITE NUMBER:**

**6162870**

A&E NUMBER: 419033

DRAWN BY: KRB  
CHECKED BY: BPB  
DATE: 1/22/2020

**SHEET TITLE:**

**PLATFORM  
DETAILS**

**SHEET NUMBER:**

**S-1**

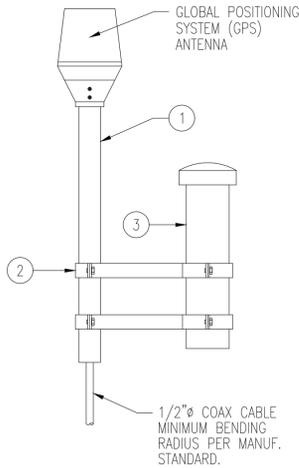




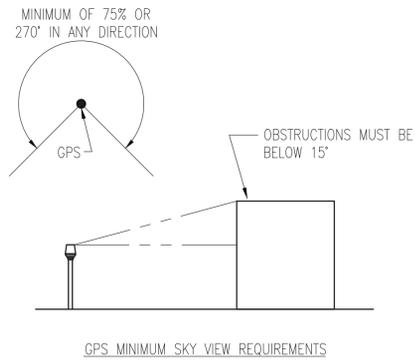
BILL OF MATERIALS		
ITEM #	DESCRIPTION	QUANTITY (EACH)
①	SCH. 40 x 18" LG. (MIN) SS OR GALV. PIPE	1
②	PIPE TO PIPE CLAMP	2
③	SCH. 40 PIPE	1

**GPS NOTES:**

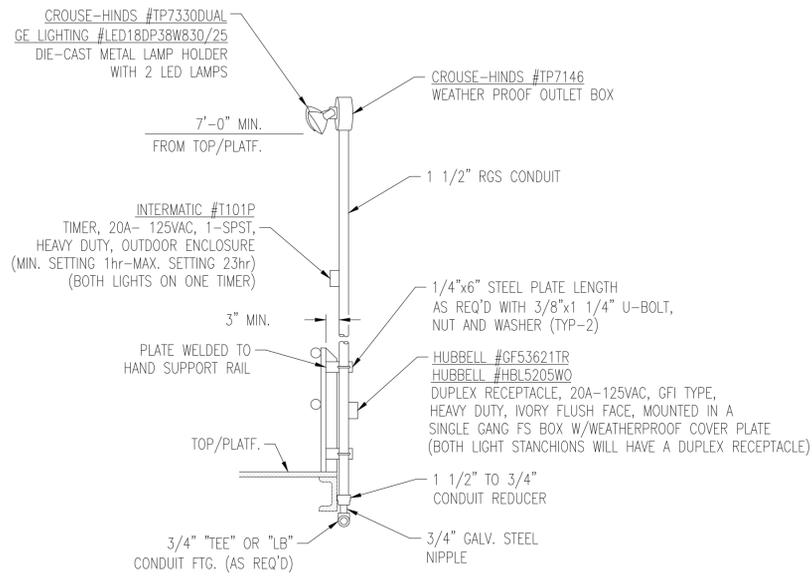
1. THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL RF REPORT. FOR LOCATION SEE CIVIL DRAWINGS.
2. THE GPS ANTENNA MOUNT IS DESIGNED TO FASTEN TO A STANDARD SCHEDULE 40 GALVANIZED STEEL OR STAINLESS STEEL PIPE. THE PIPE MUST NOT BE THREADED AT THE ANTENNA MOUNT END. THE PIPE SHALL BE CUT TO THE REQUIRED LENGTH (MINIMUM OF 18") USING A HAND OR ROTARY PIPE CUTTER TO ASSURE A SMOOTH AND PERPENDICULAR CUT. A HACK SAW SHALL NOT BE USED. THE CUT PIPE END SHALL BE DEBURRED AND SMOOTH IN ORDER TO SEAL AGAINST THE NEOPRENE GASKET ATTACHED TO THE ANTENNA MOUNT.
3. IT IS CRITICAL THAT THE GPS ANTENNA IS MOUNTED SUCH THAT IT IS WITHIN 2 DEGREES OF VERTICAL AND THE BASE OF THE ANTENNA IS WITHIN 2 DEGREES OF LEVEL.



G.P.S. MOUNTING DETAIL #1



GPS MINIMUM SKY VIEW REQUIREMENTS



DETAIL #2  
ANGLE STANCHION MOUNTED LIGHTING FIXTURE

PP2 CUBE LOAD CENTER				30A, 120/240V 1φ3W, 60HZ			
DESCRIPTION	BREAKER	# POLES	AMPS	CONNECTED LOAD VA		DEMAND LOAD VA	
				A	B	A	B
GFCI RECEPTACLE	20	1	20	12	1	180	180
SPARE		1					
SPARE		1					
SPARE		1					
SPARE		1					
SPARE		1					
				180		180	
				TOTAL KVA CONNECTED LOAD		0.18	
				TOTAL KVA DEMAND LOAD		0.18	
				TOTAL CONNECTED AMPS		0.75	
				TOTAL DEMAND AMPS		0.75	

PREPARED BY:  
**GALETTA**  
ENGINEERING CORPORATION  
Consulting Engineers  
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501 HOLIDAY DR. SUITE 105  
PITTSBURGH, PA 15220  
412-261-3357

PREPARED FOR:  
**verizon**  
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**6162870**

A&E NUMBER: 419033  
DRAWN BY: KRB  
CHECKED BY: BPB  
DATE: 1/22/2020

SHEET TITLE:  
**GROUNDING DETAILS**

SHEET NUMBER:  
**E-2**

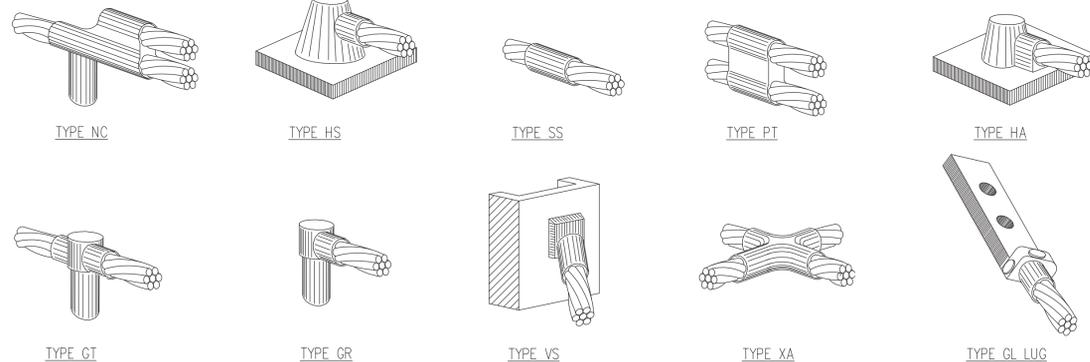
**CONSTRUCTION NOTES:**

1. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY, FIELD CONDITIONS WILL DETERMINE EXACT ROUTING AND SUPPORTS.
2. CONDUIT TO BE FIELD ROUTED & SUPPORTED ALONG INTERIOR CEILINGS, INTERIOR WALLS, UP THRU CLOSET AREAS & ACROSS ROOF(S) TO VZV'S PLATFORM.
3. EMT CONDUIT CAN BE RUN INSIDE THE BUILDING, CONDUITS RUN OUTSIDE OF THE BUILDING & ON THE ROOF ARE TO BE RGS CONDUIT. UNLESS OTHERWISE NOTED. ALL CONDUITS ARE TO BE LABELED.
4. IF FIELD BENDS EXCEED REQUIREMENTS PER N.E.C. CODE, CONTRACTOR TO FIELD FABRICATE A PULLBOX.
5. POWER PROVIDED FROM EXISTING 200A BREAKER IN EXISTING 4TH FLOOR, 120/208V SERVICE. CONTRACTOR TO INSTALL A NEW POWER METER IN 4TH FLOOR POWER ROOM.
6. CONTRACTOR TO INSTALL A 200A DISC. SW. ON PLATFORM.
7. NOT USED
8. A #2 BARE CU GROUND WIRE IS TO BE RUN WITH AND SUPPORTED ALONG WITH THE HYBRID CABLE RUNS.
9. GROUND CONNECTIONS ON ROOF ARE TO BE MADE WITH A BURNDY HYPRESS "C" CLAMP CONNECTOR.
10. CONTRACTOR TO INSTALL #4/0 CU GROUND CABLE W/GREEN INSULATION BETWEEN THE MAIN GROUND BUS BAR LOCATED ON THE VZW PLATFORM TO THE NEAREST GROUNDED BLDG. STEEL & TO THE WATER MAIN. GROUND TO BE TERMINATED ON WATER MAIN USING A BURNDY TYPE "GAR" CONNECTION.
11. BEFORE INSTALLATION OF NEW GROUND CLAMP, CONTRACTOR TO CLEAN PIPE DOWN TO BARE METAL & COAT THE PIPE W/ NO-OX-ID, MANUFACTURED BY SANCHEM.
12. NOT USED
13. CONTRACTOR WILL HAVE TO DRILL THE WALLS & CEILINGS AS REQUIRED FOR INSTALLATION OF CONDUIT.
14. CONTRACTOR TO SEAL AROUND CONDUIT AFTER INSTALLATION W/A TWO (2) HOUR FIRE RATED SEALANT.
15. CONTRACTOR TO LABEL THE METER USED FOR THIS PROJECT WITH A PLASTIC PLACARD READING "VERIZON".

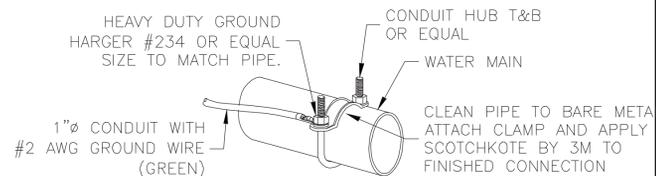
PP1 ILC PANEL SCHEDULE										200A, 120/240VAC, 1φ3W, 60HZ									
DESCRIPTION	BREAKER	# POLES	AMPS	AWG	CKT. NO.	CONNECTED LOAD VA		DEMAND LOAD VA		DEMAND LOAD VA	CONNECTED LOAD VA		CKT. NO.	AWG	AMPS	# POLES	BREAKER	DESCRIPTION	
						A	B	A	B		B	A							B
RECTIFIER #1	30	2	30	10	1	1000		1250			1250	1250	2	10	30	2	30	RECTIFIER #2	
					3		1000		1250		1250	1000	4						
RECTIFIER #3	30	2	30	10	5	1000		1250			1250	1000	6	10	30	2	30	RECTIFIER #4	
					7		1000		1250		1250	1000	8						
RECTIFIER #5	30	2	30	10	9	1000		1250			1250	1000	10	10	30	2	30	RECTIFIER #6	
					11		1000		1250		1250	1000	12						
RECTIFIER #7	30	2	30	10	13	1000		1250			1250	1000	14	10	30	2	30	RECTIFIER #8	
					15		1000		1250		1250	1000	16						
GFCI RECEPTACLE	20	1	20	12	17	180		180			180	180	18	6	30	2	30	PP2 CUBE LOAD CENTER	
GFCI RECEPTACLE	20	1	20	12	19			180					20						
GFCI RECEPTACLE	20	1	20	12	21	180		180					22			1		SPARE	
CANOPY LIGHTS	15	1	15	14	23		400	500					24			1		SPARE	
SPARE		1			25								26			1		SPARE	
SPARE		1			27								28			1		SPARE	
SPARE		1			29								30			1		SPARE	
SPARE		1			31								32			1		SPARE	
SPARE		1			33								34			1		SPARE	
SPARE		1			35								36			1		SPARE	
SPARE		1			37								38			1		SPARE	
SPARE		1			39								40			1		SPARE	
SPARE		1			41								42			1		SPARE	
						4360		5360			5180	4180	TOTAL KVA CONNECTED LOAD				17.12		
							4580		5680		5000	4000	TOTAL KVA DEMAND LOAD				21.22		
										TOTAL CONNECTED AMPS				71.33					
										TOTAL DEMAND AMPS				88.42					

ILC COMES EQUIPPED WITH (2) MAIN BREAKERS ONLY. GC SHALL PROVIDE ALL MISCELLANEOUS BREAKERS

All Grounding items (EMC, Erico, Thompson Lightning Protection, Thomas + Betts, Sanchem + Belleville Washers) shown here are available at:  
 Ace Lightning Protection, Inc.  
 Phone#: 724.733.5216 Fax#: 724.733.1193 or  
 Nancy@AceLightning.net

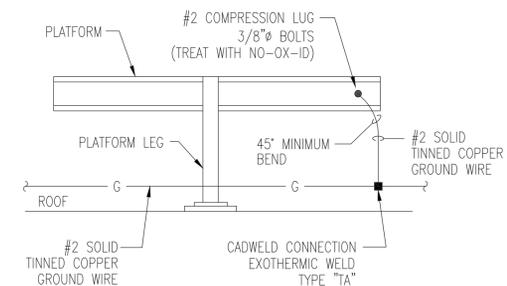


GROUNDING CONNECTIONS

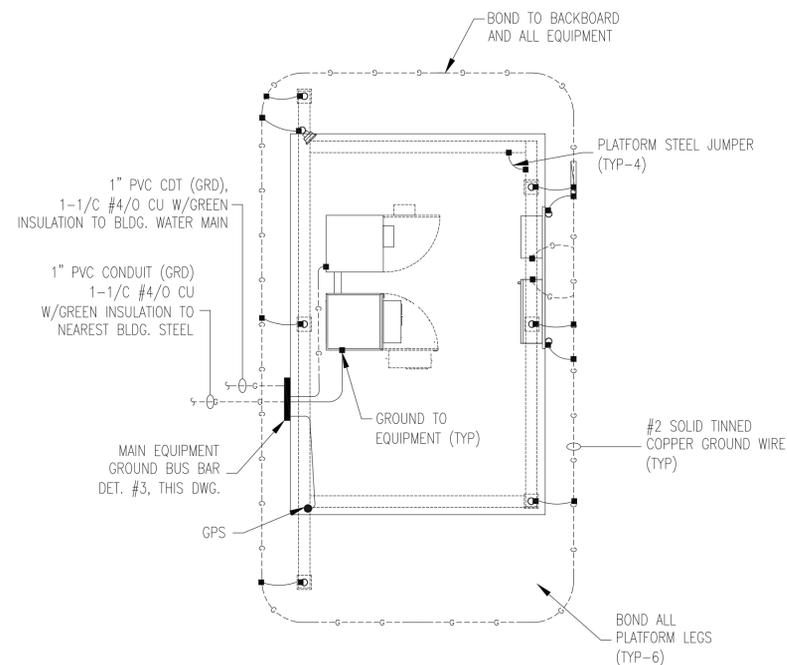


NOTE:  
 ENSURE ATTACHMENT TO STREET SIDE OF METER

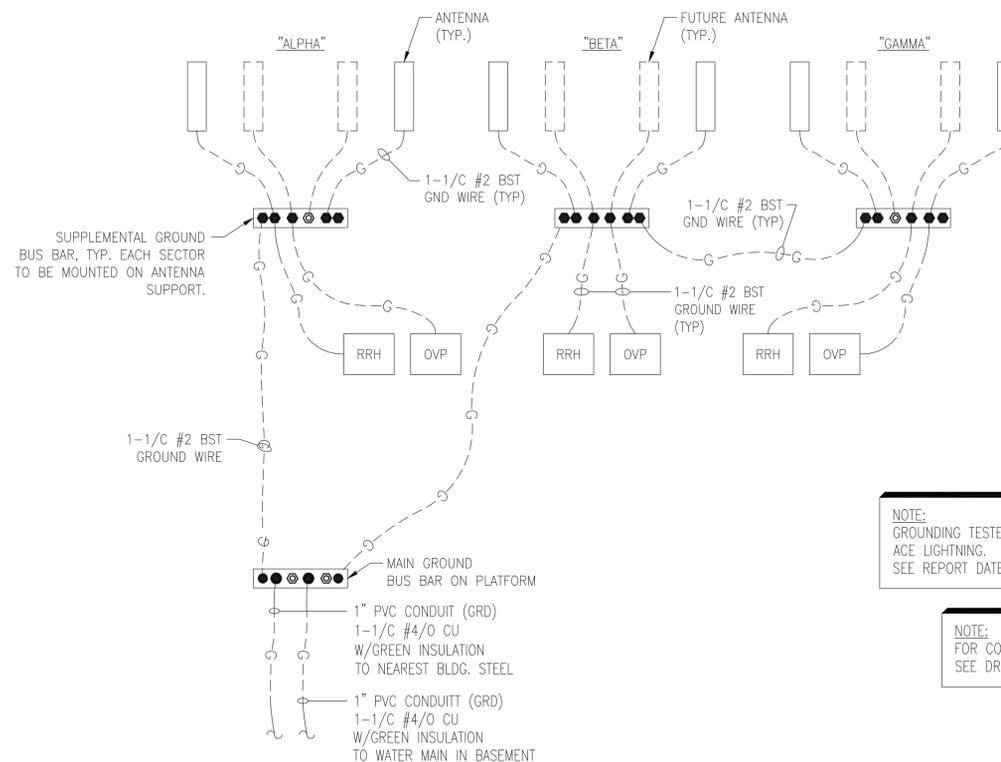
GROUNDING TO WATER MAIN



PLATFORM GROUNDING DETAIL #4  
 N.T.S.



PLATFORM & EQUIPMENT GROUNDING  
 DETAIL #5  
 N.T.S.



NOTE:  
 GROUNDING TESTED & APPROVED BY  
 ACE LIGHTNING.  
 SEE REPORT DATED 7-29-19

NOTE:  
 FOR CONSTRUCTION NOTES,  
 SEE DRAWING E-2

ANTENNA GROUNDING RISER DIAGRAM

PREPARED BY:  
**GALLETTA**  
 ENGINEERING CORPORATION  
 Consulting Engineers  
 FOSTER PLAZA 4  
 501 HOLIDAY DR. SUITE 105  
 PITTSBURGH, PA 15220  
 412-261-3357

PREPARED FOR:

**verizon**  
 18 ABLE ROAD  
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 PITTSBURGH, PA 15203

ALLEGHENY COUNTY

SITE NUMBER:

6162870

A&E NUMBER: 419033

DRAWN BY: KRB  
 CHECKED BY: BPB  
 DATE: 1/22/2020

SHEET TITLE:

GROUNDING  
 DETAILS

SHEET NUMBER:

**G-1**



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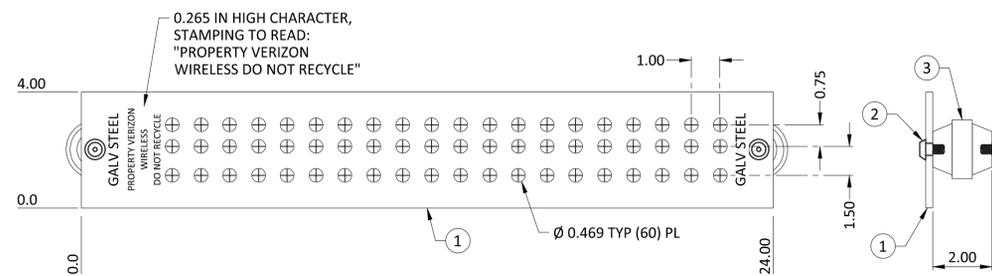
A&E NUMBER: 419033  
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 DATE: 1/22/2020

SHEET TITLE:

**GROUNDING  
 DETAILS**

SHEET NUMBER:

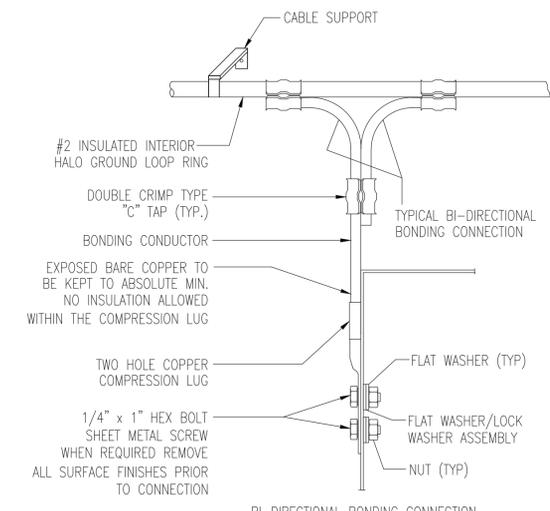
**G-2**



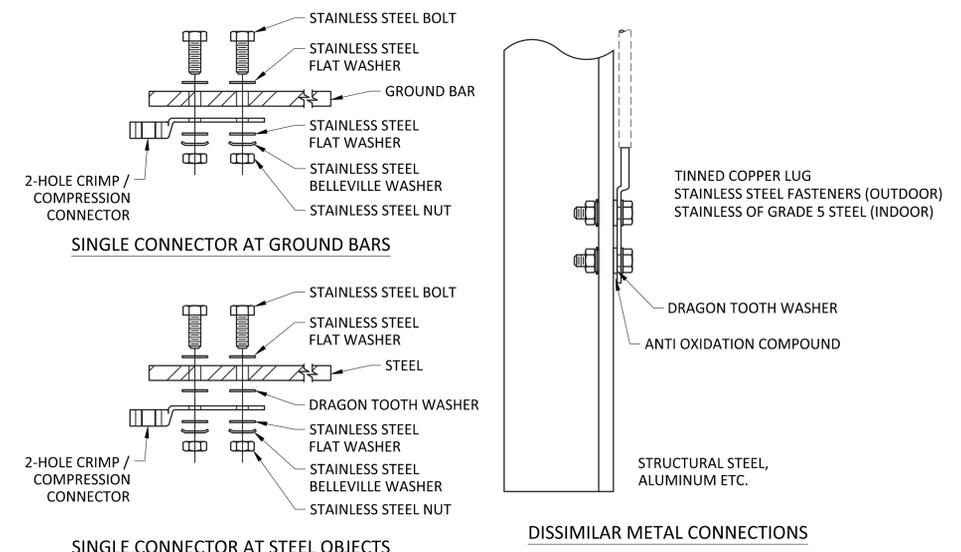
**EMC**  
 ELECTRIC MOTION CO., INC.  
 110 GROPPA DR./ BOX 626  
 WINSTED, CT 06098

ITEM	PART NO.	DESCRIPTION	REQ.
3	03-009-0118-000	THREADED (3/8-16) INSULATORS, 2" DIA X 2" HEIGHT; FIBERGLASS	2
2	02-009-0633-000	3/8-16 X 5/8" TORQUE SHEAR HEAD BOLT (NON-REMOVABLE) WITH VIBRASEAL; STAINLESS STEEL	2
1	02-009-0662-000	GROUND BAR, GALVANIZED STEEL 1/4" X 4" X 24"	1

**MAIN GROUND BUS BAR**  
 NOT TO SCALE



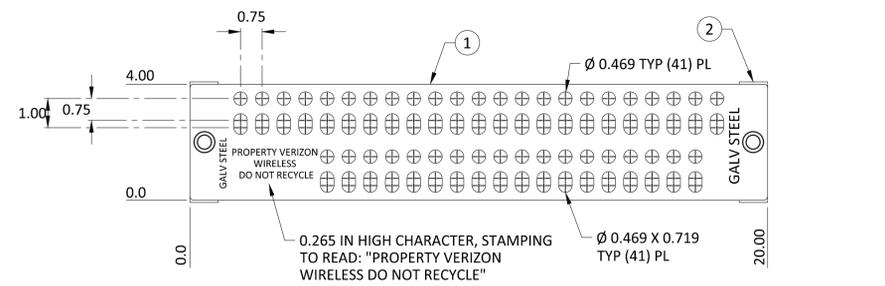
**HALO TAP/ EQUIPT. GROUND**



**INSTALLATION NOTES:**

- ALL OUTDOOR HARDWARE (I.E. BOLTS, SCREWS, NUTS, WASHERS) SHOULD BE 18-8 GRADE STAINLESS STEEL.
- ALL INDOOR HARDWARE (I.E. BOLTS, SCREWS, NUTS, WASHERS) SHOULD BE GRADE 5 STEEL HARDWARE.
- BOLT LENGTH SHOULD ALLOW THE EXPOSURE OF AT TWO THREADS.
- BACK TO BACK LUG CONNECTIONS ARE AN ACCEPTABLE PRACTICE WHEN BONDING TO A GROUND BAR OR STEEL OBJECTS.
- ANY CONNECTIONS MADE BETWEEN STEEL OR OTHER DISSIMILAR METALS REQUIRE THE USE OF A DRAGON TOOTH WASHER.
- 'SINGLE CONNECTOR AT GROUND BARS' PERTAINS TO COPPER GROUND BARS ONLY!
- GALVANIZED GROUND BARS AND OTHER STEEL OBJECTS (I.E. CABINETS, GENERATOR TANKS, ICE BRIDGE POSTS, ETC.) SHOULD FOLLOW THE 'SINGLE CONNECTOR AT STEEL OBJECTS' DETAIL.

**STANDARD GROUNDING HARDWARE CONFIGURATION**  
 NOT TO SCALE



**EMC**  
 ELECTRIC MOTION CO., INC.  
 110 GROPPA DR./ BOX 626  
 WINSTED, CT 06098  
 PART #EM SGM420-BM-NR

**ATTENTION NOTE:**  
 ALL NON LIKE METALS NEED DRAGON TOOTH WASHERS AND BELLEVILLE WASHERS

ITEM	PART NO.	DESCRIPTION	REQ.
4	02-009-0663-000 (SUB-ASSEMBLY)	3/8-16 x 5/8" TORQUE SHEAR HEAD BOLT IN A STANDARD 4 x 6 BAG INCLUDES: (2) 3/8-16 x 5/8" TORQUE SHEAR HEAD BOLT (NON-REMOVABLE) WITH VIBRASEAL; STAINLESS STEEL (303) P/N 02-009-0603-000 (1) STANDARD 4" x 6" BAG (P/N 03-009-0209-00)	1
3	02-009-0633-000	3/8-16 x 5/8" TORQUE SHEAR HEAD BOLT (NON-REMOVABLE) WITH VIBRASEAL; STAINLESS STEEL (303)	2
2	02-009-0524-000	MOUNTING BRACKET; STAINLESS STEEL, 16 GA (.060) THICK	1
1	02-009-0672-000	20" GROUND BAR; STEEL; GALVANIZED	1

**ANTENNA FRAME BUS BAR**  
 (NON-INSULATED)  
 NOT TO SCALE

All Grounding items (EMC, Erico, Thompson Lightning Protection, Thomas + Betts, Sanchem + Belleville Washers) shown here are available at:  
 Ace Lightning Protection, Inc.  
 Phone# 724.733.5216 Fax# 724.733.1193 or  
 Nancy@AceLightning.net



# ACE LIGHTNING PROTECTION INC.

July 29, 2019

Mr. Michael Fisher  
Galletta Engineering Corporation  
501 Holiday Drive; Suite 105  
Pittsburgh, PA 15220  
MFisher@Galletta.com

**RE: Carey Way Verizon Wireless Rooftop Site**

Dear Michael:

I dispatched Mark Prady to the Carey Way site, he reviewed the conditions of the site and it has not changed much since December 2016 when we previously reviewed it. Please see that letter attached. Once again, we have a sea of concrete with no good way to do 4-Point Resistivity testing nor traditional 3-Point Fall of Potential testing. Mark did review the site, took photographs, everything appears to be the same with the exception of their renovation efforts including re-roofing. Therefore, we are going to retain our initial recommendation made on December 30, 2016 to bond the Verizon Wireless main bus bar to the main water pipe with a full size 4/0 green insulated THHN. Please review the attached previous letter. This report is submitted for your use with no charge. This completes our report.

Please call with any questions, comments or if any additional information is needed. Thank you.

Sincerely,



Robert W. Zafaras, President  
LPI Certified Master Installer/Designer #892  
U/L Listed No. 560383

**NOTICE TO CONTRACTOR – ENVIRONMENTAL CONDITIONS/RESTRICTIONS AT**

Form Revision: 2/23/16

SITE NAME/IDENTIFIER	<b>Carey Way</b>
REGION NAME:	<b>PA</b>
SITE LOCATION/ADDRESS:	<b>1700 East Carson Street, Pittsburgh, Pennsylvania</b>
<b><u>VZW Installation:</u></b> Verizon Wireless proposes to collocate six panel antennas (two per sector) on the existing building rooftop, which is currently owned by 17th & Carson Partners LP. Additionally, Verizon Wireless proposes to place support equipment (with an exterior natural gas-fired emergency generator) upon a proposed 14-foot 8-inch by 25-foot 4-inch equipment platform on the northern portion of the rooftop. Power and telco cables will be routed from a proposed meter in the first floor electrical room and existing sources in the basement telco room through an existing chase to the building rooftop. The Project Site will be accessed via an existing stairwell. The proposed Verizon Wireless installation will not involve any ground disturbance.	

Note: Verizon Wireless makes no representation or warranty as to the accuracy or completeness of the information below. Company is fully responsible for its own compliance with all applicable laws and regulations. To the extent that Company becomes aware of any additional environmental conditions, it agrees to immediately inform Verizon Wireless.

**The Company’s response to this construction bid shall constitute the Company’s acknowledgement and acceptance of the stated conditions and restrictions at the site.**

The following environmental conditions have been identified at the project site:

<b>Environmental Condition</b>	<b>Description and Location of Contaminant</b>
<input type="checkbox"/> <b>Check All That Apply</b>	
<input type="checkbox"/> Contaminated soil	
<input type="checkbox"/> Contaminated groundwater	
<input checked="" type="checkbox"/> <b>Presence of Suspect Asbestos-Containing Materials (ACM)</b>	<b>The roofing/flushing/parapet/tar materials were not sampled and are suspect ACM.</b>
<input type="checkbox"/> Presence of lead-based paint	

Applicable legal requirements or Verizon Wireless policies and procedures may require that these conditions be communicated to all parties involved in the construction activities at the project site. To the extent that the scope of the project work includes measures to address these conditions, details of the work to be performed shall be as specified in the project documents and/or the Authorization Letter.

<b>Environmental conditions affecting scope of work: ACM</b>
<p><b><u>Suspect Asbestos Containing Material (ACM):</u></b> The roofing/flushing/parapet/tar materials are <i>suspect</i> ACM.</p> <ul style="list-style-type: none"> <li>Contractors/personnel are advised to take appropriate precautions.</li> <li><b><u>Sampling/Analysis of Suspect ACM:</u></b> If the <b>proposed work requires disturbance of the roofing/flushing/parapet/tar materials</b>, during construction, but prior to the start of installation, the <b>roofing/flushing/parapet/tar materials</b> must be sampled and analyzed for asbestos (by Verizon Wireless’ environmental consultant) then handled according to the analytical results. If samples return positive for asbestos, prior to construction, contractors/personnel must be advised that the <b>roofing/flushing/parapet/tar materials are ACM</b>, and be advised to take appropriate precautions.             <ul style="list-style-type: none"> <li>The ACM that will be disturbed must be removed from VZW’s proposed disturbance areas by an appropriately licensed asbestos abatement contractor.</li> <li>ACM waste must be appropriately contained in 6-mil polyethylene bags, with appropriate OSHA and EPA markings, and transported to an appropriate licensed facility for disposal.</li> </ul> </li> <li>As an alternative to the sampling/analysis referenced above, <i>suspect</i> ACMs may be <i>presumed</i> to be ACM and handled (i.e., abated) accordingly.</li> </ul>

**Verizon Wireless-approved ACM Abatement Contractor and Transportation Contractor for Asbestos Waste**

Bristol Environmental Inc.  
415 Becks Run Road  
Pittsburgh, PA 15210  
Office: 412-881-7800  
Fax: 412-881-7808  
www.beigroup.com

**Verizon Wireless-approved Disposal Facility for Asbestos Waste**

Benders Landfill  
1578 Orchard Road  
Chambersburg, PA 17201  
(717) 709-1700

Company is required to comply fully with all applicable environmental, industrial hygiene, and worker health and safety laws and regulations; Verizon Wireless' directions and/or instructions contained in this Notice To Contractors. Company shall retain qualified, appropriately specialized (and/or licensed, as required) and adequately insured environmental firms for the completion of specialized work as applicable. Company shall evaluate whether a Health and Safety Plan (HASP) is warranted. Verizon Wireless shall have the final authority to approve the selection of such environmental firms performing services on its behalf. The construction bid package shall include qualifications of proposed firms with respect to the following required services:

<b>Environmental Services Required</b>	
<b>Check All That Apply</b>	
<input checked="" type="checkbox"/>	<b>Asbestos abatement – <i>Potentially if suspect ACM is confirmed or presumed to be ACM and if such will require disturbance.</i></b>
<input type="checkbox"/>	Lead based paint abatement
<input checked="" type="checkbox"/>	<b>Hazardous or special waste transportation and disposal. – <i>presumed ACM (or confirmed if such is sampled/analyzed)</i></b>
<input checked="" type="checkbox"/>	<b>Excavation, drilling or advancement through and staging/stockpiling of contaminated media. – <i>presumed ACM (or confirmed if such is sampled/analyzed)</i></b>

Company shall ensure at all times that only appropriately trained qualified, and licensed workers perform the required environmental services. It is the responsibility of Company to adhere to the following restrictions in response to the above environmental conditions:

**An outside environmental “oversight” consultant is required if transportation and disposal of wastes is carried out in accordance with applicable laws, regulations and the Verizon Wireless Environmental Compliance Program. THE USE OF SUCH CONSULTANT IS MANDATORY.**

<b>Site Restrictions</b>	
<b>Check All That Apply</b>	
<input type="checkbox"/>	Restrictions on excavations/construction methods. Description:
<input type="checkbox"/>	Diesel fuel prohibited at construction site except in fuel tank of vehicle.
<input type="checkbox"/>	Gasoline prohibited at construction site except in fuel tank of vehicle

Contractor's Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Witness: \_\_\_\_\_

Name: Carey Way

Site Address: 1700 East Carson Street

City: Pittsburgh State: Pennsylvania

**NOTE: This signed original is to be returned to Territory Compliance along with the EES Closeout Report.**