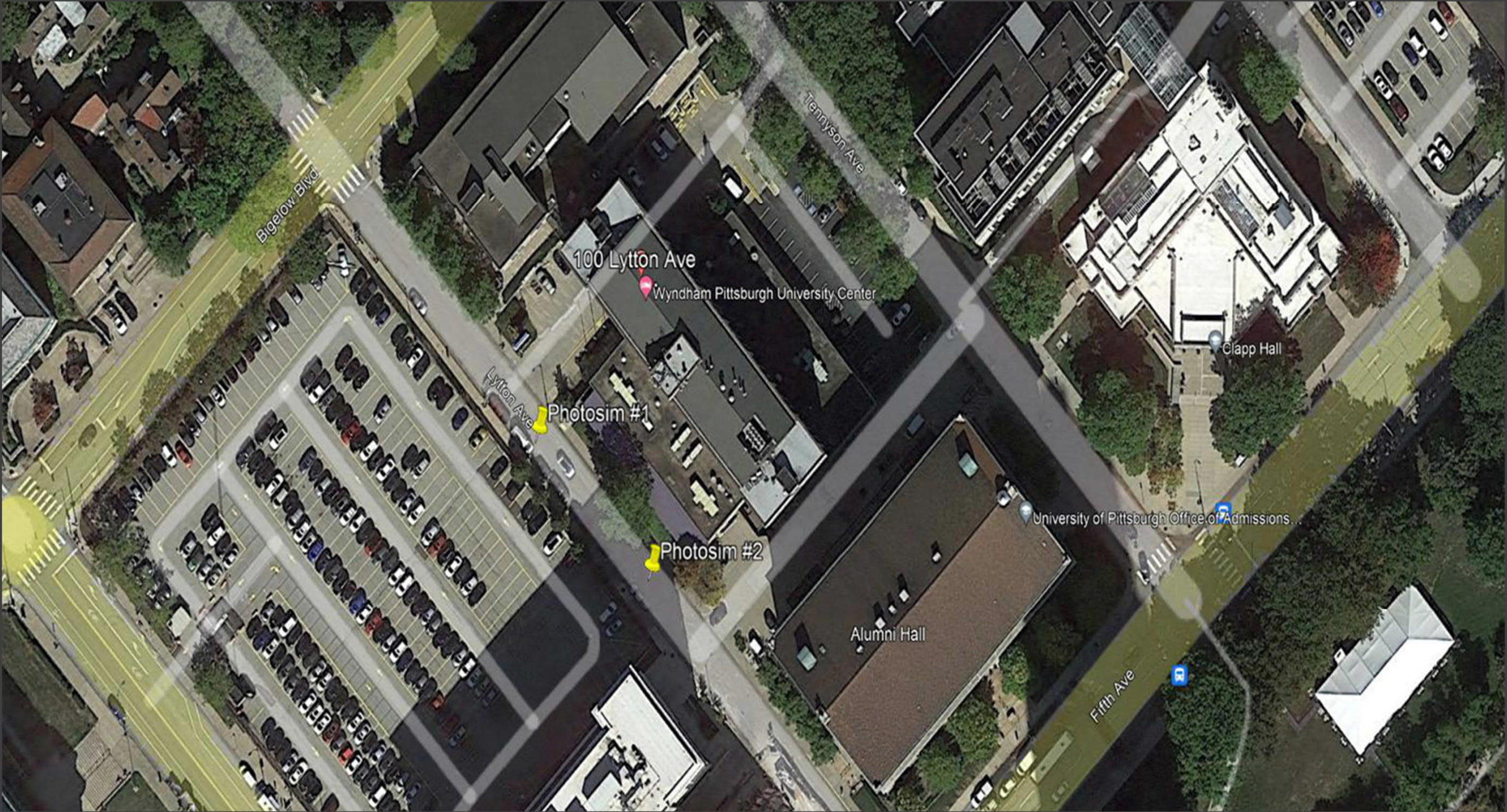


Stealth Concealment Enclosure and Cell Antenna Proposed

100 Lytton Ave, Pittsburgh, PA 15213

Scope of work includes:

- Relocating Existing antennas to upper penthouse stealth enclosure
- Install (1) Proposed Stealth Enclosure



Bigelow Blvd

Tennyson Ave

100 Lytton Ave

Wyndham Pittsburgh University Center

Lytton Ave

Photosim #1

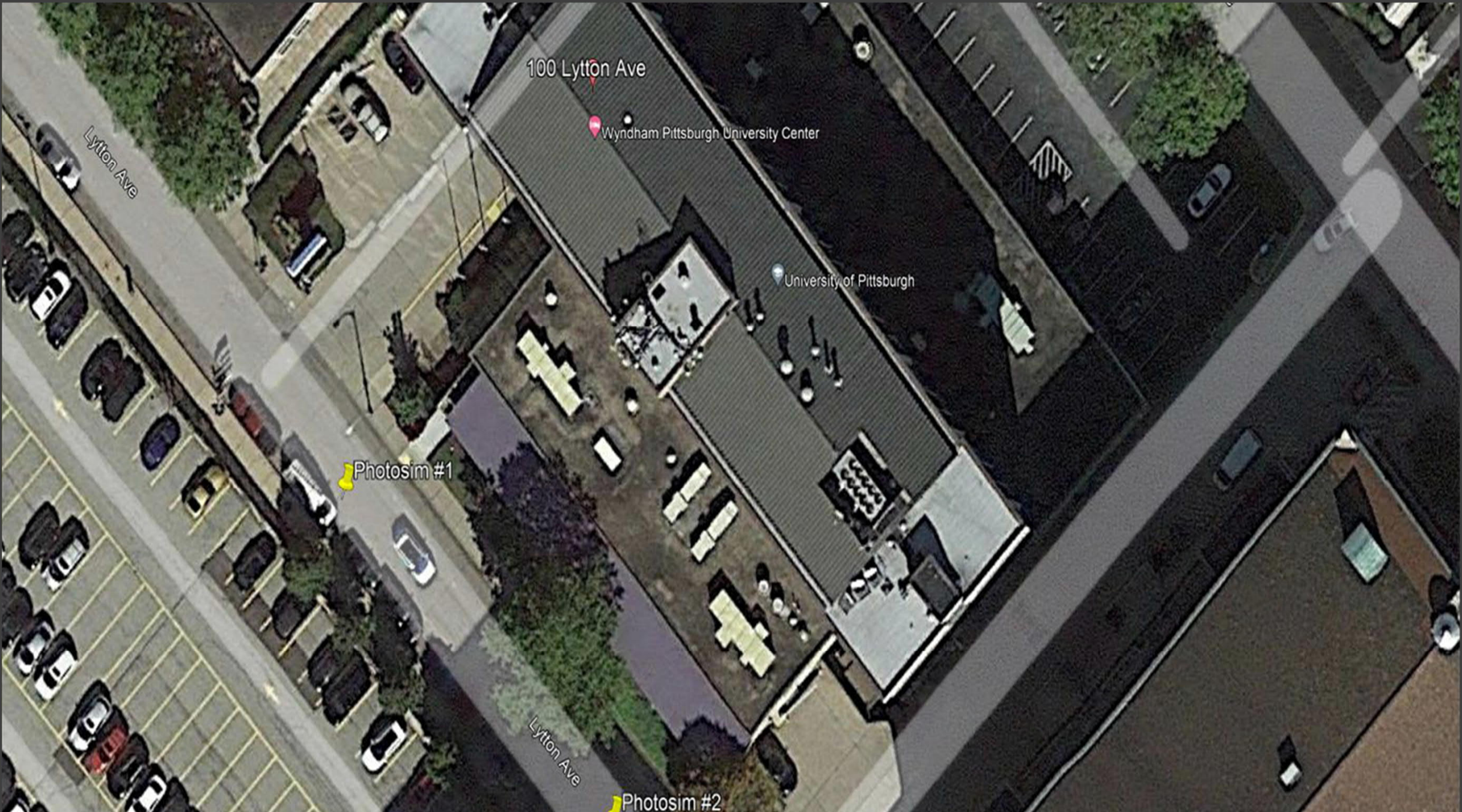
Photosim #2

Clapp Hall

University of Pittsburgh Office of Admissions...

Alumni Hall

Fifth Ave



100 Lytton Ave

Wyndham Pittsburgh University Center

University of Pittsburgh

Lytton Ave

Photosim #1

Photosim #2

Lytton Ave

Existing & Proposed View



Raycap

800.755.0689 • raycap.com

AT20-01543W-17
Oakland North WPAP527

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SIMULATION IS AN APPROXIMATE REPRESENTATION OF OUR PROPOSED CONCEALMENT SOLUTION. ACTUAL CONCEALMENT(S) MAY VARY.

EXISTING



SIMULATION - A2



Raycap

800.755.0689 • raycap.com

AT20-01543W-17
Oakland North WPAP527

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PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

PTN NUMBERS:

- 3461AOPD7V LTE 6C (FN)
- 3461AOPCL4 LTE 5C (5G NR)
- 3461AOPCTT 4T4R ANT. RETROFIT (PCS)
- 3461AOPCXM 4T4R SW RETROFIT (700)

UPPER SOW

- REMOVE (6) EXISTING ANTENNAS
- REMOVE (3) EXISTING 700 BAND RRUS
- REMOVE (3) EXISTING 1900 BAND RRUS
- REMOVE (6) EXISTING TMA'S
- REMOVE ALL EXISTING FC12/DC2 SURGE SUPPRESSOR SYSTEMS
- RELOCATE (3) EXISTING ANTENNAS
- RELOCATE (6) EXISTING RRUS
- RELOCATE (6) EXISTING TMAS
- INSTALL (6) PROPOSED ANTENNAS
- INSTALL (3) PROPOSED 4449 B5/B12 RRUS
- INSTALL (3) PROPOSED 4415 B25 RRUS
- INSTALL (3) PROPOSED 4478 B14 RRUS
- INSTALL (3) PROPOSED DC6 FIBER/DC DISTRIBUTION SYSTEM
- INSTALL (3) PROPOSED FIBER TRUNK CABLES
- INSTALL (6) PROPOSED DC POWER TRUNK CABLES
- INSTALL (1) PROPOSED STEALTH ENCLOSURE

GROUND SOW

- INSTALL (3) PROPOSED CONVERTERS
- INSTALL (1) PROPOSED RACK MOUNT SURGE ARRESTOR
- INSTALL (1) PROPOSED 6630
- INSTALL (3) PROPOSED ALARM CABLES
- INSTALL (1) PROPOSED GPS-03
- INSTALL (1) PROPOSED 4 WAY SPLITTER
- INSTALL (2) PROPOSED TERMINATOR PLUGS
- INSTALL (2) PROPOSED SFP'S
- INSTALL (1) PROPOSED FIBER CABLE

- NO SITE/CIVIL WORK

SITE INFORMATION

LANDLORD: DJONT / PACIFIC ROOTOPS, LLC.
 DJONT SITE ID: PA-2598 WYNDHAM PITTSBURGH UNIVERSITY CENTER OAKLAND NORTH
 SITE NAME: UNIVERSITY CENTER OAKLAND NORTH
 SITE NUMBER: WPAP527
 FA NUMBER: 10118601
 SITE ADDRESS: 100 LYTTON AVENUE PITTSBURGH, PA 15213
 COUNTY: ALLEGHENY
 LATITUDE (NAD 83): 40.4459278
 LONGITUDE (NAD 83): -79.9545417
 RAD CENTER: 126' AGL
 SITE ACQUISITION CONTACT: KIMBERLY COLLAZO Kimberly.Collazo@jacobs.com
 RF ENGINEER: RYAN MITCHELL rx8852@att.com
 C&E MANAGER: EDWARD RIVERO er602r@att.com
 JURISDICTION: CITY OF PITTSBURGH
 APPLICANT/LESSEE: NEW CINGULAR WIRELESS PCS, LLC DBA AT&T MOBILITY 635 GRANT STREET 7TH FLOOR, 7A08 PITTSBURGH, PA 15219

CONTACT INFORMATION

ENGINEER: JACOBS TELECOMMUNICATIONS, INC. 111 CORNING RD. -SUITE 200 CARY, NC 27518
 CONTACT: WENSEN (VINCENT) JIANG
 PHONE: (919) 279-0227

SITE# WPAP527 / FA# 10118601
DJONT# PA-2598 WYNDHAM PITTSBURGH
UNIVERSITY CENTER
OAKLAND NORTH



STEALTH PROJECT
ROOFTOP

ENGINEERING

2015 INTERNATIONAL BUILDING CODE OR LATEST EDITION
 2014 NATIONAL ELECTRIC CODE OR LATEST EDITION
 ANSII/TIA-222 OR LATEST EDITION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

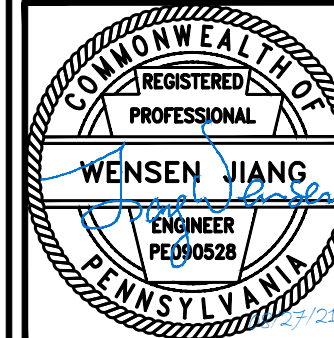


635 GRANT STREET
 7TH FLOOR, 7A08
 PITTSBURGH, PA 15219

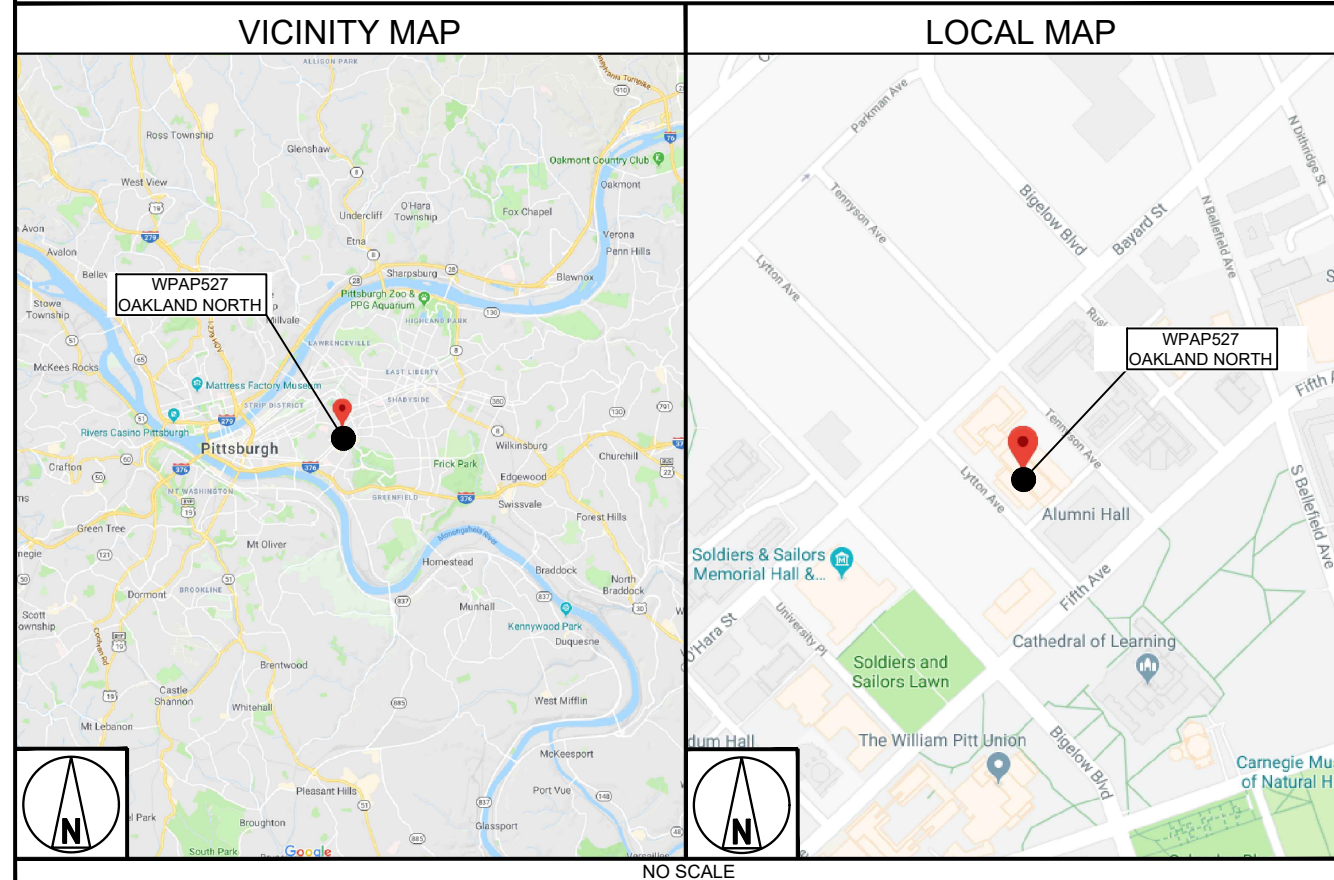


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JACOBS TELECOMMUNICATIONS, INC.
 111 CORNING RD. - SUITE 200
 CARY, NC 27518



LOCATION MAPS



APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

AT&T RF: _____ DATE: _____
 AT&T OPERATIONS: _____ DATE: _____
 AT&T SITE AQ: _____ DATE: _____
 OCI: _____ DATE: _____
 TOWER/PROPERTY OWNER: _____ DATE: _____
 MUNICIPAL: _____ DATE: _____

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
C-1	ROOF PLAN
C-2	SITE ELEVATIONS
C-3	EXISTING & PROPOSED ANTENNA LAYOUT
C-4	STEALTH DETAILS - ATTACHMENT TO EXISTING STRUCTURE
C-5	SITE DETAILS
RF-1	RF EQUIPMENT SCHEMATIC
E-1	ELECTRICAL DC ONE LINE DIAGRAM
G-1	GROUNDING DETAILS
GN-1	GENERAL NOTES I
GN-2	GENERAL NOTES II
GN-3	GENERAL NOTES III

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME



UNDERGROUND SERVICE ALERT
UTILITIES PROTECTION CENTER, INC.
 811
 48 HOURS BEFORE YOU DIG

APPROVALS

LANDLORD: _____
 LEASING: _____
 R.F.: _____
 ZONING: _____
 CONSTRUCTION: _____
 A & E: _____

PROJECT NO: EUAT0206

DRAWN BY: PT

CHECKED BY: VJ

SUBMITTALS

NO.	DATE	DESCRIPTION
0	08/27/21	ISSUED FOR REVIEW

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FA# 10118601
 SITE# WPAP527
 OAKLAND NORTH

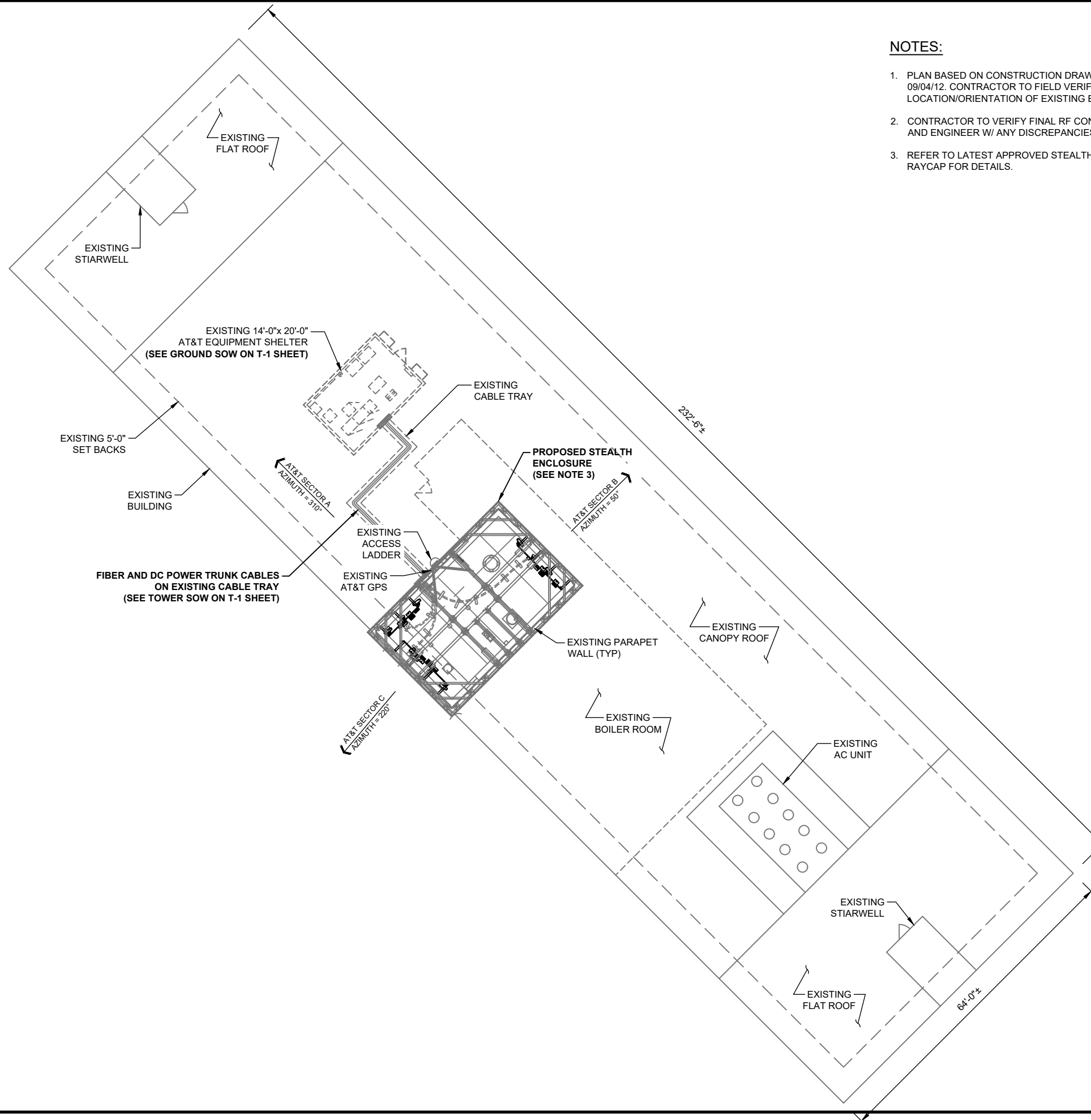
100 LYTTON AVENUE
 PITTSBURGH, PA 15213

TITLE SHEET

T-1

DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE: START OUT FROM 635 GRANT ST. TAKE PENN AVE. (SOUTH- WEST)TURN LEFT (SOUTH-EAST) ONTO 30TH STTURN LEFT (NORTH -EAST) ONTO LIBERTY AVE. BEAR RIGHT (EAST) ONTO LOCAL ROAD (S)KEEP STRAIGHT ONTO BLOOMFIELD BRIDGETURN LEFT (EAST) ONTO SR-380 (BIGELOW BLVD)KEEP RIGHT ONTO BIGELOW BLVDTURN LEFT (SOUTH-EAST) ONTO LYTTON AVEARRIVE 100 LYTTON AVE, PITTSBURGH PA 15213(100 LYTTON AVE, PITTSBURGH, PA 15213)LOCATED IN THE HOLIDAY INN ON ROOFSITE DOOR CODE IS 1234

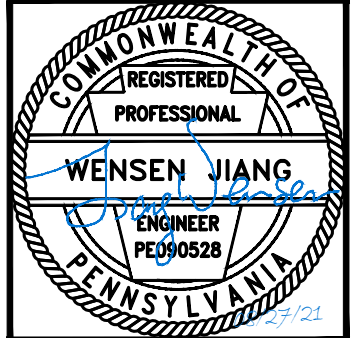


NOTES:

1. PLAN BASED ON CONSTRUCTION DRAWINGS ISSUED BY RED SWING ON 09/04/12. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND LOCATION/ORIENTATION OF EXISTING EQUIPMENT.
2. CONTRACTOR TO VERIFY FINAL RF CONFIGURATION AND NOTIFY CARRIER AND ENGINEER W/ ANY DISCREPANCIES PRIOR TO THE INSTALLATION.
3. REFER TO LATEST APPROVED STEALTH ENCLOSURE DESIGN DRAWINGS BY RAYCAP FOR DETAILS.



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Jacobs Telecommunications, Inc.
111 CORNING RD. - SUITE 200
CARY, NC 27518



APPROVALS

LANDLORD _____
LEASING _____
R.F. _____
ZONING _____
CONSTRUCTION _____
A & E _____

PROJECT NO: EUAT0206

DRAWN BY: PT

CHECKED BY: VJ

SUBMITTALS

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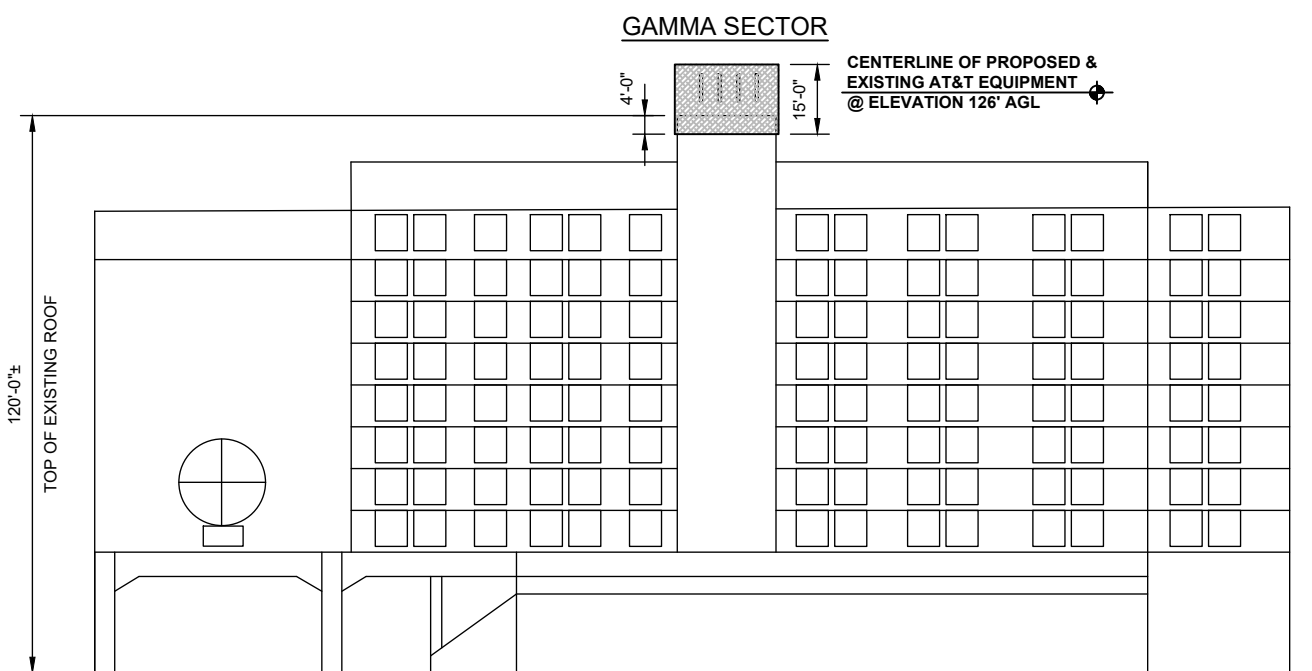
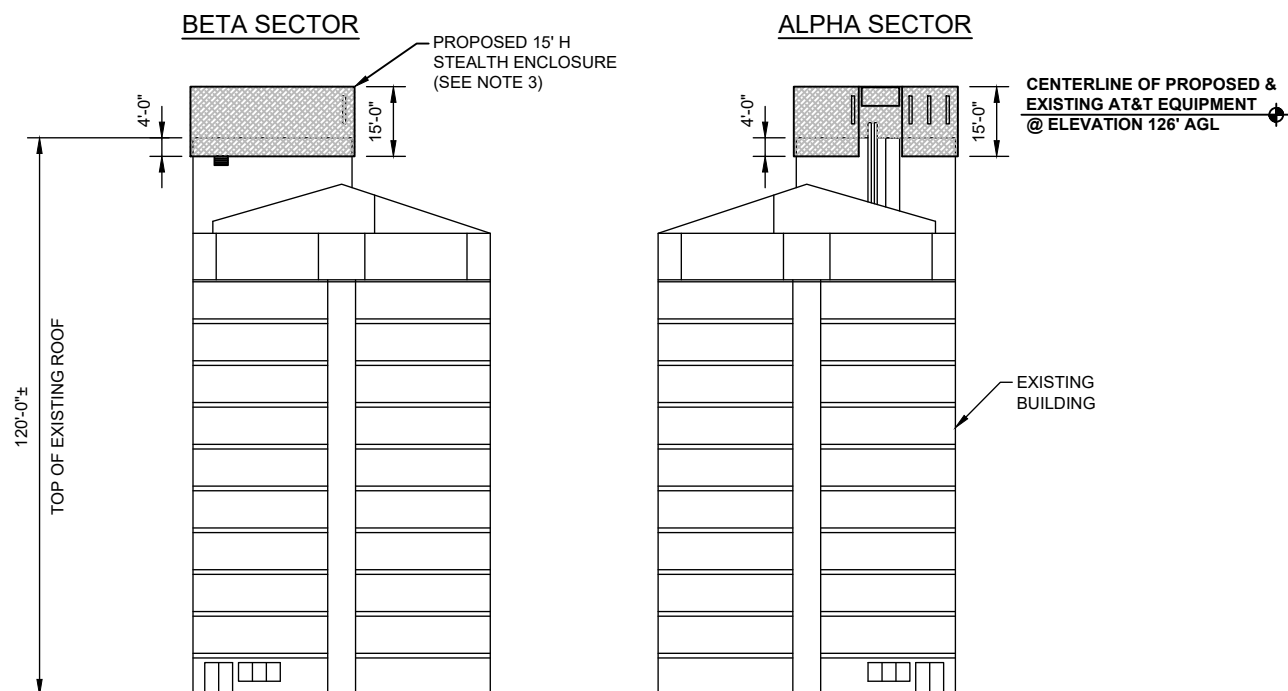
FA# 10118601
SITE# WPAP527
OAKLAND NORTH
100 LYTTON AVENUE
PITTSBURGH, PA 15213

ROOF PLAN

C-1

NOTES:

1. CONTRACTOR SHALL REFER TO THE ROOFTOP EQUIPMENT INSTALLATION STRUCTURAL ASSESSMENT LETTER - REVISION 1; SITE NUMBER: WPAP527; SITE NAME: OAKLAND NORTH; FA LOCATION: 10118601; PTN: 3461A0PD7V LTE 6C (FN), 3461A0PCL4 LTE 5C (5G NR), 3461A0PCTT 4T4R ANT. RETROFIT (PCS), 3461A0PCXM 4T4R SW RETROFIT (700) ISSUED BY JACOBS TELECOMMUNICATIONS, INC. DATED ON 08/27/21. PER THIS ANALYSIS NO MODIFICATIONS ARE REQUIRED TO THE BUILDING. CONTRACTOR SHALL CONFIRM ALL AT&T EXISTING AND PROPOSED EQUIPMENT ARE INSTALLED IN ACCORDANCE WITH THIS REPORT.
2. CONTRACTOR SHALL VERIFY THE EXISTING ANTENNA CENTERLINE HEIGHT ABOVE GROUND LEVEL. PROPOSED ANTENNA CENTERLINE SHALL MATCH EXISTING.
3. REFER TO LATEST APPROVED STEALTH ENCLOSURE DESIGN DRAWINGS BY RAYCAP FOR DETAILS.



NOTES

1. ALL CABLES SHALL BE GROUNDED WITH COAXIAL CABLE GROUNDING KITS. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS.
 - A. GROUNDED AT THE ANTENNA LEVEL.
 - B. GROUNDED AT MID LEVEL. TOWERS WHICH ARE OVER 200', ADDITIONAL CABLE GROUNDING REQUIRED.
 - C. GROUNDED AT BASE OF TOWER PRIOR TO TURNING HORIZONTAL.
 - D. GROUNDED OUTSIDE THE EQUIPMENT SHELTER AT ENTRY PORT.
 - E. GROUNDED INSIDE THE EQUIPMENT SHELTER AT THE ENTRY PORT.
2. ALL PROPOSED GROUNDING BAR DOWNLEADS ARE TO BE TERMINATED TO THE EXISTING ADJACENT GROUNDING BAR DOWNLEADS A MINIMUM DISTANCE OF 4'-0" BELOW GROUNDING BAR. TERMINATIONS MAY BE EXOTHERMIC OR COMPRESSION.
3. THE CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THE ANTENNA AND THE COAX CONFIGURATION IS THE CORRECT MAKE AND MODELS, PRIOR TO INSTALLATION.
4. ANTENNA CONTRACTOR SHALL FURNISH AND INSTALL A SECTOR ANTENNA MOUNT, INCLUDING ALL HARDWARE, WHEN APPLICABLE.
5. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER TOWER MANUFACTURER'S SPECIFICATION & RECOMMENDATIONS.
6. CONTRACTOR SHALL REFERENCE THE TOWER STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.

ANTENNA MOUNTING NOTES

1. DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT ANSIEIA/TIA-222 "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES" OR APPLICABLE LOCAL CODES. DESIGN WIND LOADING OBTAINED FROM ANSIEIA-222-G, OR THE LATEST VERSION.
2. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
3. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
4. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
5. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
6. ANTENNA CONTRACTOR SHALL ENSURE ALL ANTENNA MOUNTING PIPES ARE PLUMB AND LEVEL.
7. MULTI PORT ANTENNAS: TERMINATE UNUSED ANTENNA PORTS WITH CONNECTOR CAP & WEATHERPROOF THOROUGHLY. JUMPERS FROM THE TMA'S MUST TERMINATE TO OPPOSITE POLARIZATION'S IN EACH SECTOR.
8. CONTRACTOR SHALL RECORD THE SERIAL #, SECTOR, AND POSITION OF EACH ACTUATOR INSTALLED AT THE ANTENNAS AND PROVIDE THE DOCUMENTATION TO AT&T.
9. CONTRACTOR SHALL INSTALL ANTENNA PER MANUFACTURER'S RECOMMENDATION FOR INSTALLATION AND GROUNDING.

COAXIAL ANTENNA CABLE NOTES

1. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR SHALL VERIFY ACTUAL LENGTH BASED ON CONSTRUCTION LAYOUT AND NOTIFY THE PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.
2. CONTRACTOR SHALL VERIFY THE DOWN-TILT OF EACH ANTENNA WITH A DIGITAL LEVEL.
3. CONTRACTOR TO CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION. REFER TO "ANTENNA SYSTEM LABELING STANDARD" ND-00027, REFER TO THE LATEST VERSION.
4. ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE WILL BE 1/2" DIA. LDF AND SHALL NOT EXCEED 6'-0".
5. ALL COAXIAL CABLE WILL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE, IN AN APPROVED MANNER, AT DISTANCES NOT TO EXCEED 4'-0" O.C.
6. CONTRACTOR MUST FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS REGARDING BOTH THE INSTALLATION AND GROUNDING OF ALL COAXIAL CABLES, CONNECTORS, ANTENNAS, AND ALL OTHER EQUIPMENT.
7. WEATHERPROOF ALL ANTENNA CONNECTORS WITH SELF AMALGAMATING TAPE. WEATHERPROOFING SHALL BE COMPLETED IN STRICT ACCORDANCE WITH AT&T STANDARDS.
8. CONTRACTOR SHALL GROUND ALL EQUIPMENT, INCLUDING ANTENNAS, RET MOTORS, TMA'S, COAX CABLES, AND RET CONTROL CABLES AS A COMPLETE SYSTEM. GROUNDING SHALL BE EXECUTED BY QUALIFIED WIREMEN IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND RECOMMENDATION.
9. CONTRACTOR SHALL PROVIDE STRAIN-RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES, COAX CABLES, AND RET CONTROL CABLES. CABLE STRAIN-RELIEFS AND CABLE SUPPORTS SHALL BE APPROVED FOR THE PURPOSE. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

FIBER & POWER CABLE MOUNTING NOTES

1. CABLE TO BE SUPPORTED USING 1/2" SNAP-INS (TALLEY PART #SSH-12) OR 1/2" BUTTERFLY HANGERS (TALLEY PART #252119) OR ENGINEER APPROVED EQUAL.
2. CABLE TO BE SUPPORTED EVERY 3'.
3. ALL SNAP-INS, RUBBER CABLE INSERTS, AND MOUNTING HARDWARE FOR FIBER AND DC CABLES SHALL BE SUPPLIED FROM ROSENBERGER.
4. RRRUS TO BE INSTALLED WITHIN 16.4' (5.0 METERS) OF THE SURGE SUPPRESSOR. (CONTRACTOR TO FIELD VERIFY).

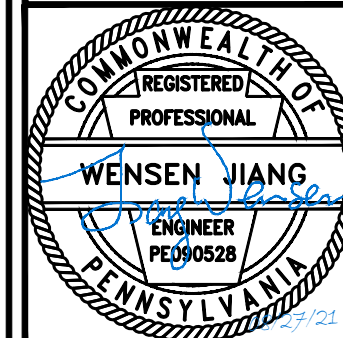
TORQUE REQUIREMENTS

1. ALL RF CONNECTIONS SHALL BE TIGHTENED BY A TORQUE WRENCH.
 - A. RF CONNECTION BOTH SIDES OF THE CONNECTOR.
2. ALL RF CONNECTIONS, GROUNDING HARDWARE AND ANTENNA HARDWARE SHALL HAVE A TORQUE MARK INSTALLED IN A CONTINUOUS STRAIGHT LINE FROM BOTH SIDES OF THE CONNECTION.
 - A. GROUNDING AND ANTENNA HARDWARE ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE. EXAMPLE OF SOLID SURFACE: GROUND BAR, ANTENNA BRACKET METAL.
3. ALL 8M ANTENNA HARDWARE SHALL BE TIGHTENED TO 9 LB-FT (12 NM).
4. ALL 12M ANTENNA HARDWARE SHALL BE TIGHTENED TO 43 LB-FT (58 NM).
5. ALL GROUNDING HARDWARE SHALL TIGHTENED UNTIL THE LOCK WASHER COLLAPSES AND THE GROUND IS NO LONGER LOOSE.
6. ALL DIN TYPE CONNECTIONS ARE TO BE TORQUED TO 18-22 LB-FT (24.4 - 29.8 NM).
7. ALL N TYPE CONNECTIONS ARE TO BE TORQUED TO 15-20 LB-IN (1.7 - 2.3 NM).



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111 CORNING RD. - SUITE 200
CARY, NC 27518



APPROVALS

LANDLORD _____
LEASING _____
R.F. _____
ZONING _____
CONSTRUCTION _____
A & E _____

PROJECT NO: EUAT0206

DRAWN BY: PT

CHECKED BY: VJ

SUBMITTALS

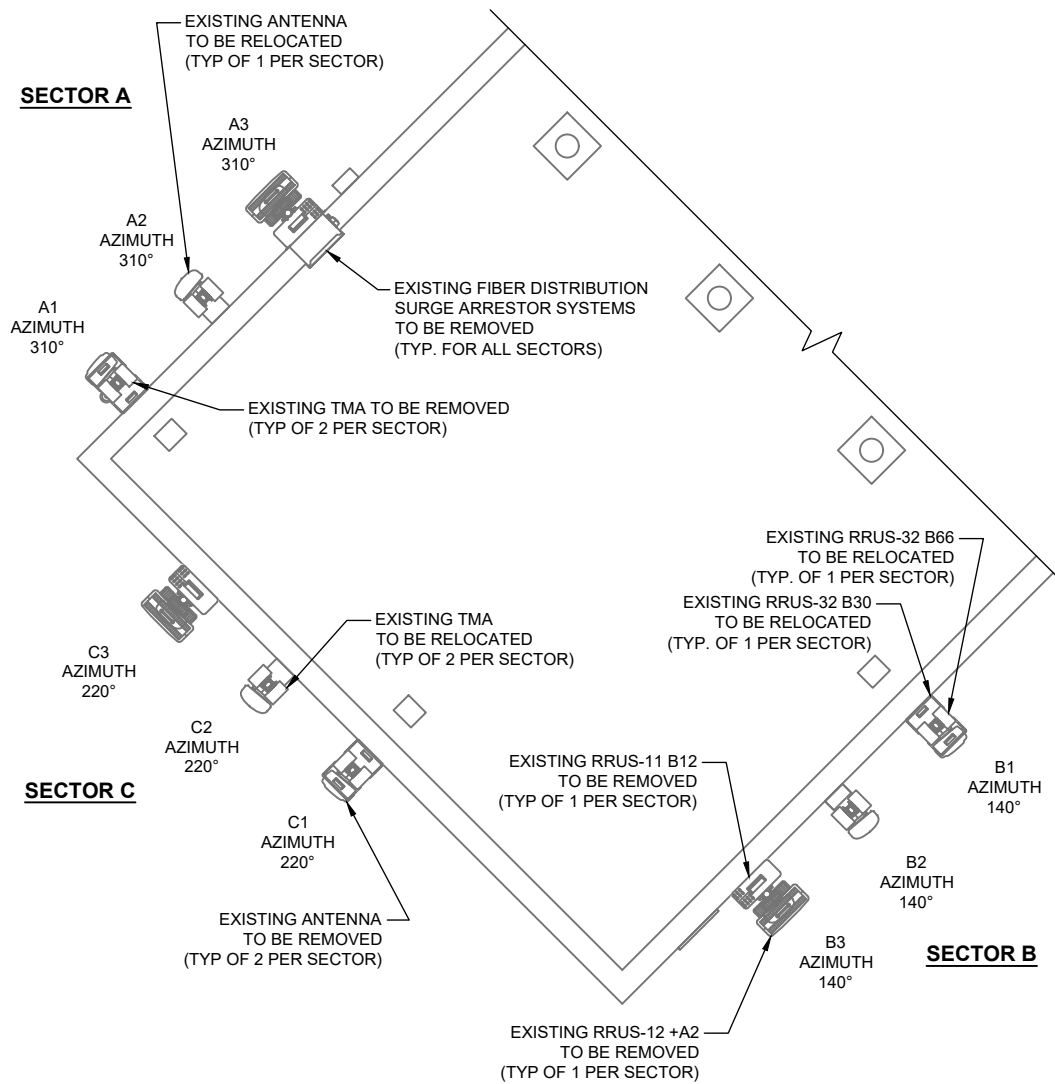
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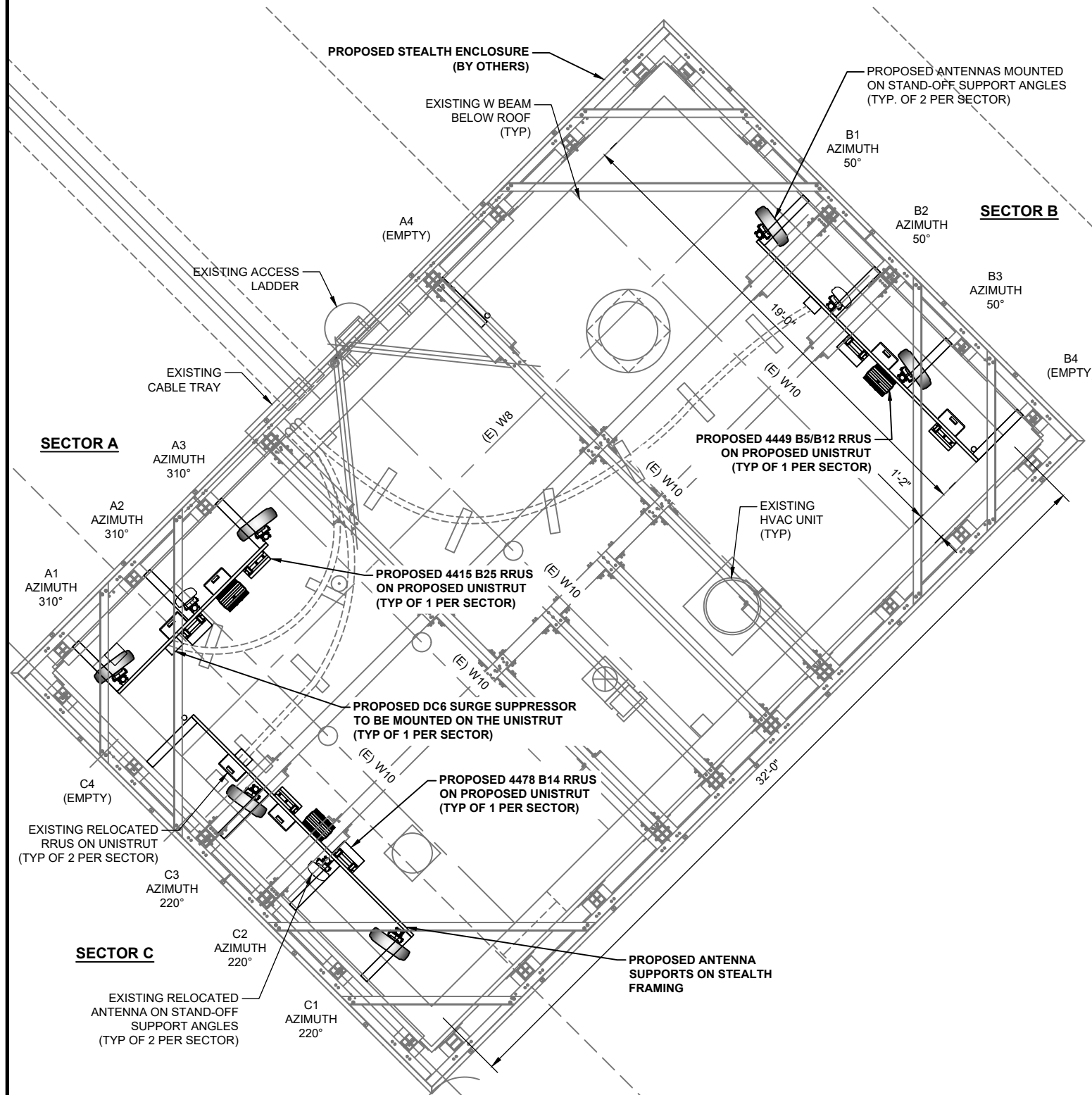
FA# 10118601
SITE# WPAP527
OAKLAND NORTH
100 LYTTON AVENUE
PITTSBURGH, PA 15213

SITE ELEVATIONS

C-2



ELEVATION 117'



ELEVATION 126'

NOTES:

- CONTRACTOR TO VERIFY FINAL RF CONFIGURATION AND NOTIFY CARRIER AND ENGINEER W/ ANY DISCREPANCIES PRIOR TO THE INSTALLATION.
- CONTRACTOR SHALL REFER TO THE ROOFTOP EQUIPMENT INSTALLATION MOUNT STRUCTURAL ANALYSIS REPORT - REVISION 1; SITE NUMBER: WPAP527; SITE NAME: OAKLAND NORTH; FA LOCATION: 10118601; PTN: 3461A0PD7V LTE 6C (FN), 3461A0PCL4 LTE 5C (5G NR), 3461A0PCTT 4T4R ANT. RETROFIT (PCS), 3461A0PCXM 4T4R SW RETROFIT (700); ISSUED BY JACOBS TELECOMMUNICATIONS, INC. ON 08/26/21. PER THIS ANALYSIS NO MODIFICATIONS ARE REQUIRED FOR THE PROPOSED EQUIPMENT. CONTRACTOR SHALL CONFIRM ALL MOUNT MEMBERS AND PROPOSED APPURTENANCES ARE INSTALLED IN ACCORDANCE WITH THIS REPORT.
- CONTRACTOR TO PAINT EQUIPMENT TO MATCH EXISTING EQUIPMENT.

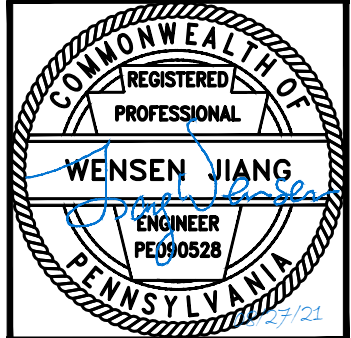


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APPROVALS

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R.F. _____
ZONING _____
CONSTRUCTION _____
A & E _____

PROJECT NO: EUAT0206

DRAWN BY: PT

CHECKED BY: VJ

SUBMITTALS

NO.	DATE	DESCRIPTION

0 08/27/21 ISSUED FOR REVIEW

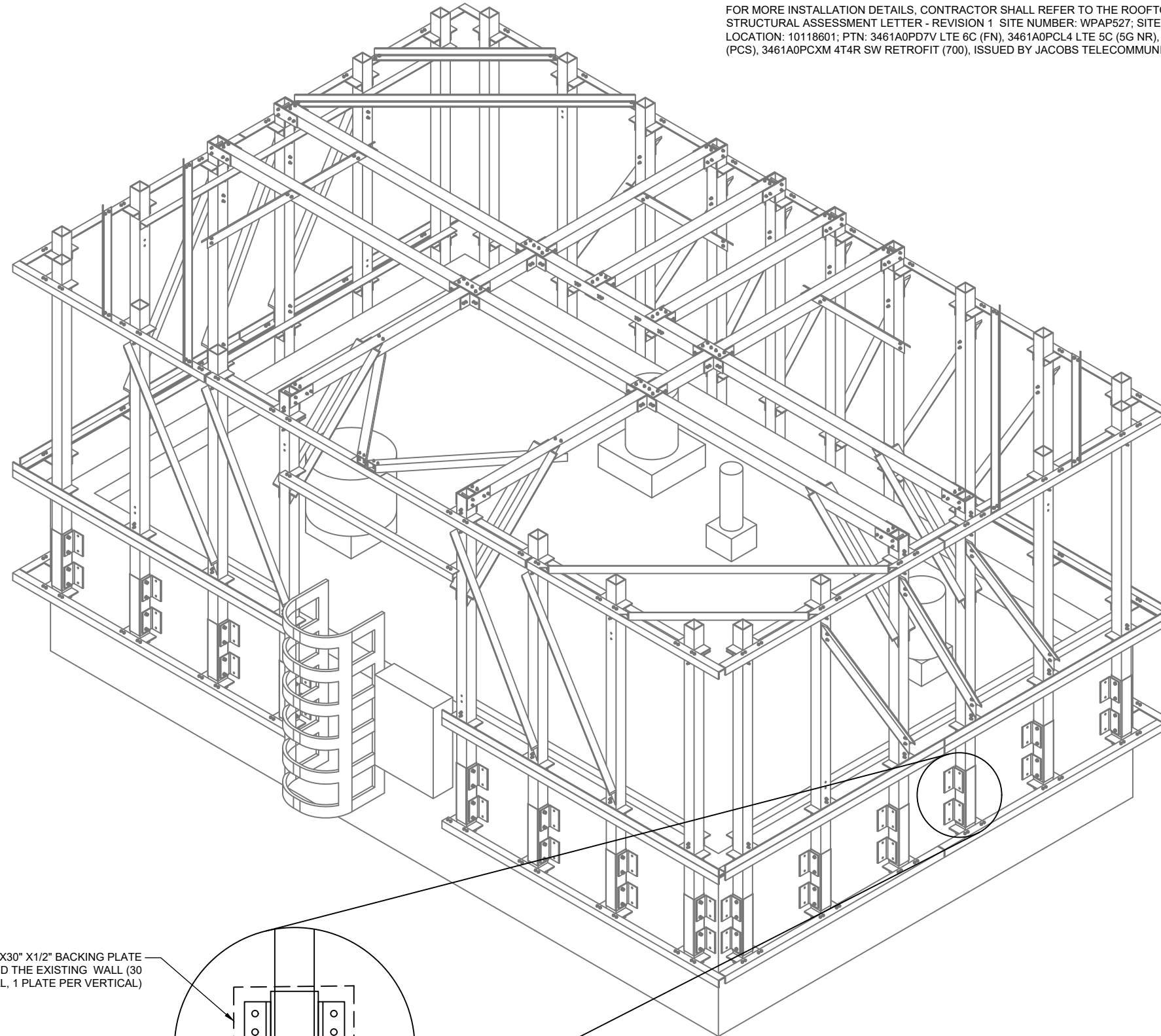
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FA# 10118601
SITE# WPAP527
OAKLAND NORTH
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PITTSBURGH, PA 15213

EXISTING & PROPOSED ANTENNA LAYOUT

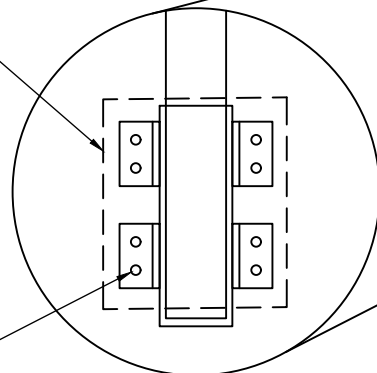
C-3

FOR MORE INSTALLATION DETAILS, CONTRACTOR SHALL REFER TO THE ROOFTOP EQUIPMENT INSTALLATION STRUCTURAL ASSESSMENT LETTER - REVISION 1 SITE NUMBER: WPAP527; SITE NAME: OAKLAND NORTH; FA LOCATION: 10118601; PTN: 3461A0PD7V LTE 6C (FN), 3461A0PCL4 LTE 5C (5G NR), 3461A0PCTT 4T4R ANT. RETROFIT (PCS), 3461A0PCXM 4T4R SW RETROFIT (700), ISSUED BY JACOBS TELECOMMUNICATIONS, INC. DATED ON 08/27/21.



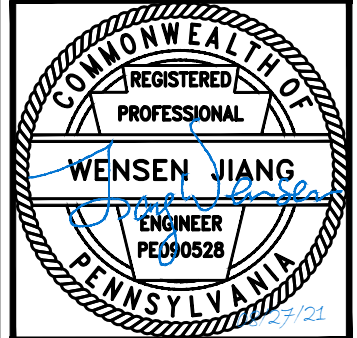
24"X30" X1/2" BACKING PLATE BEHIND THE EXISTING WALL (30 TOTAL, 1 PLATE PER VERTICAL)

(2) 5/8"Ø THREADED RODS PER BRACKET (240 RODS TOTAL, 4 BRACKETS PER VERTICAL)



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APPROVALS

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PROJECT NO: EUAT0206

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FA# 10118601
SITE# WPAP527
OAKLAND NORTH
100 LYTTON AVENUE
PITTSBURGH, PA 15213

STEALTH DETAILS - ATTACHMENT TO EXISTING STRUCTURE

C-4