



**COMMUNITY
DEVELOPMENT**

February 28, 2026

Jeremy Siegal for Verizon Wireless
9010 112th Avenue NE,
Kirkland, WA 98033

Via email: jeremy.siegel@triadgroup.com

**RE: Notice of Decision – Approval
PROJECT NO. 25-0001951 – Administrative Use Permit
2710 Winona Avenue**

Dear Mr. Siegal (for Verizon Wireless):

This letter is to notify you that the Community Development Director has approved your application for **Administrative Use Permit** to install an unmanned, roof-mounted Wireless Telecommunication Facility (WTF) on an existing above-grade parking structure located at 2710 Winona Ave in the General Industrial (M-2) zone (Attachment A), pursuant to the ability of staff to affirmatively determine the project satisfies the requisites for approval (Attachment D) upon implementation of the attached Conditions of Approval (Attachment E).

Please be advised that the decision of the Community Development Director will become final fifteen (15) days from the date of this letter unless the decision is appealed to the Planning Commission. Any appeal of the Director's decision must be submitted to the Planning Division with the applicable filing fee prior to the expiration of the fifteen (15) day appeal period, or **by 5:00 p.m. on March 15, 2026**. If no appeal is filed, then you may submit to the Building & Safety Division for Building Plan Check review the first business day following the conclusion of the 15-day appeal period. If appealed, this decision will be set aside, and the Planning Commission will conduct a De Novo review of the application and make a decision. The Planning Commission decision is final and cannot be appealed. If you have any questions concerning this letter, please contact me by phone at (818) 238-5250 or by email at sdurghalli@burbankca.gov.

Sincerely,

Sara Durghalli
Assistant Planner
Community Development Department

Patrick Prescott,
Community Development Director

Enc:

- Attachment A Approved Plans
- Attachment B Project Summary and Background Information
- Attachment C Burbank Municipal Code Title 10 Compliance Table
- Attachment D Requirements for Granting an Administrative Use Permit
- Attachment E Conditions of Approval
- Attachment F FCC Compliance – Application and Exhibits

Cc: Jeremy McDowell, CFO – 9010 112th Avenue NE, Kirkland, WA 98033

ATTACHMENT A

Approved Plans



BRIGHTON MACRO

PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504

OVERALL HEIGHT: ±65'-2"

VICINITY MAP



SITE

PROJECT TEAM

SITE ACQUISITION / ZONING TRIAD GROUP 9010 112TH AVENUE NE KIRKLAND, WA 98033 SITE ACQUISITION: PETE BABASHOFF PHONE: (562) 686-3933 EMAIL: Pete.Babashoff@triadgroup.com	SITE ACQUISITION / ZONING TRIAD GROUP 9010 112TH AVENUE NE KIRKLAND, WA 98033 CONTACT: JEREMY SIEGEL PHONE: (714) 366-8047 EMAIL: jeremy.siegel@triadgroup.com
A&E TRIAD GROUP 9010 112TH AVENUE NE KIRKLAND, WA 98033 CONTACT: MANNY FIGUEROA TELEPHONE: (949) 394-9696 EMAIL: manny.figueroa@triadgroup.com	UTILITY COORDINATOR TRIAD GROUP 9010 112TH AVENUE NE KIRKLAND, WA 98033 CONTACT: JON STEWART TELEPHONE: (972) 998-6224 EMAIL: jon.stewart@triadgroup.com

SURVEYOR
AJK ENGINEERING AND SURVEY
23072 LAKE CENTER DR., SUITE 211
LAKE FOREST, CA 92630

PROJECT DESCRIPTION

THIS PROJECT IS A VERIZON WIRELESS UNMANNED TELECOMMUNICATION WIRELESS FACILITY. IT WILL CONSIST OF THE FOLLOWING:

1. INSTALL (3) NEW FAUX BRICK FRP CONCEALMENT SCREENS @ EXISTING BUILDING ROOFTOP.
2. INSTALL (15) NEW ANTENNAS @ EXISTING BUILDING ROOFTOP. (5 PER SECTOR)
3. INSTALL (3) NEW RRUS @ EXISTING BUILDING ROOFTOP. (1 PER SECTOR)
4. INSTALL (3) NEW OVP BOXES @ EXISTING BUILDING ROOFTOP. (1 PER SECTOR)
5. INSTALL (3) NEW (6x12) HYBRIFLEX CABLES WITHIN NEW CABLE TRAY. (1 PER SECTOR)
6. INSTALL (1) NEW 4'-0" M/W DISH @ EXISTING BUILDING ROOFTOP.
7. INSTALL (1) NEW RAISED EQUIPMENT PLATFORM @ EXISTING BUILDING ROOFTOP.
8. INSTALL (1) NEW 27KW NATURAL GAS STAND-BY GENERATOR @ NEW EQUIPMENT PLATFORM.
9. INSTALL (3) NEW EQUIPMENT CABINETS @ NEW EQUIPMENT PLATFORM.
10. INSTALL (1) NEW GPS ANTENNA @ NEW EQUIPMENT CABINET.
11. INSTALL (1) NEW TELCO BOX @ NEW EQUIPMENT PLATFORM.
12. INSTALL (1) NEW 200A AC PANEL @ NEW EQUIPMENT PLATFORM.
13. INSTALL (1) NEW WATTNODE SUB-METER INSIDE NEW 200A AC PANEL @ NEW EQUIPMENT PLATFORM.
14. INSTALL (2) NEW DISCONNECT SWITCHES @ NEW EQUIPMENT PLATFORM.
15. INSTALL (1) NEW MAINTENANCE LIGHT @ NEW EQUIPMENT PLATFORM.
16. INSTALL (1) NEW STEP-DOWN TRANSFORMER @ NEW EQUIPMENT PLATFORM.
17. INSTALL NEW POWER, GAS, AND TELCO LINES.

RADIO FREQUENCY DESIGN SHEET

RFDS DATED: 20250717



PROJECT SUMMARY

APPLICANT/LESSEE 	ASSESSOR'S PARCEL NUMBER A.P.N.: 2466-013-018
15505 SAND CANYON AVENUE IRVINE, CA 92618 OFFICE: (949) 286-7000	
PROPERTY OWNER: CONTRACT SERVICES ADMINISTRATION TRUST CONTACT: BOB EGRINI PH: (661) 857-2082 EMAIL: begrini@csatl.org ADDRESS: 4271 CLAIREMONT MESA BLVD. SAN DIEGO, CA 92117	
PROPERTY INFORMATION: SITE NAME: BRIGHTON SITE ADDRESS: 2710 WINONA AVE. BURBANK, CA 91504	
JURISDICTION: CITY OF BURBANK	
CONSTRUCTION INFORMATION OCCUPANCY: S-2, U TYPE OF CONSTRUCTION: I-B CURRENT ZONING: (M-2) MANUFACTURING GENERAL INDUSTRIAL ADA COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. MACHINERY SPACES ARE EXEMPT FROM ACCESSIBILITY REQUIREMENTS PER THE CBC SECTION 11B-203.5.	
PROPOSED EQUIPMENT LEASE AREA TOTAL: ±290.0 SQ. FT. PROPOSED ANTENNA LEASE AREA TOTAL: ±90.0 SQ. FT.	

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

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

CODE COMPLIANCE

- 2025 CALIFORNIA ADMINISTRATIVE CODE
- 2025 CALIFORNIA BUILDING CODE
- 2025 CALIFORNIA ELECTRICAL CODE
- 2025 CALIFORNIA MECHANICAL CODE
- 2025 CALIFORNIA PLUMBING CODE
- 2025 CALIFORNIA ENERGY CODE
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2025 CALIFORNIA FIRE CODE

SHEET INDEX

SHEET #	DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
LS-1	TITLE DETAILS
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	EQUIPMENT PLAN
A-4	ANTENNA PLANS
A-5	NORTH ELEVATIONS
A-6	EAST ELEVATIONS
A-7	SOUTH ELEVATIONS
A-8	WEST ELEVATIONS
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS
D-4	DETAILS
D-5	DETAILS
D-6	DETAILS
D-7	DETAILS
D-8	DETAILS
D-9	DETAILS
E-1	ELECTRICAL NOTES, ABBREVIATION & ELECTRICAL LEGEND
E-2	UTILITY ROUTE PLAN
E-3	SINGLE LINE DIAGRAM & PANEL SCHEDULE
E-4	LOAD STUDY (FOR REFERENCE ONLY)
E-5	LOAD STUDY (FOR REFERENCE ONLY)
G-1	GROUNDING PLANS
G-2	ELECTRICAL & GROUNDING DETAILS

REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
2	01/21/2026	WATTNODE UPDATE	AP

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAD Group

9010 112th Avenue NE
Kirkland, WA 98033

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO VERIZON WIRELESS

ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO VZW WIRELESS IS STRICTLY PROHIBITED



**BRIGHTON
MACRO**

PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504

CONSTRUCTION DRAWINGS

SHEET TITLE:
TITLE SHEET

T-1

GENERAL NOTES							
1.	THIS FACILITY IS AN (UNMANNED) CELLULAR TELEPHONE EQUIPMENT FACILITY. THE OCCUPANCY CLASSIFICATION IS PUBLIC UTILITY PER P.U.C. DECISION #8606-058.						
2.	THIS FACILITY IS EXEMPT FROM HANDICAP REQUIREMENTS PER TITLE 24, SECTION 2-712. (B) 5. THIS FACILITY IS NON-OCCUPABLE SPACE AND ENTERED ONLY BY SERVICE PERSONNEL. THIS SPACE IS NOT FOR HUMAN OCCUPANCY.						
3.	THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING HIS BID. ANY DISCREPANCIES, CONFLICTS OR OMISSIONS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO SUBMITTING BIDS, AND PROCEEDING WITH ANY WORK.						
4.	THE CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS AND NOTES PRIOR TO STARTING CONSTRUCTION, INCLUDING DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSIONS OR INCONSISTENCIES AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE ARCHITECT AND SHALL INSURE ANY EXPENSES TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE ARCHITECT.						
5.	PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR OR SUBCONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGE CAUSED TO THE UTILITIES DURING THE EXECUTION OF THE WORK.						
6.	PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.						
7.	A COPY OF THE APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY AND BY LAW AND SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS AT THE SITE FOR THE PURPOSE OF DOCUMENTING ALL AS-BUILT CHANGES, REVISIONS, ADDENDUMS OR CHANGE ORDERS. THE CONTRACTOR SHALL FORWARD THE AS-BUILT DRAWINGS TO THE ARCHITECT AT THE CONCLUSION OF THE PROJECT.						
8.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.						
9.	THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER, TOILET FACILITIES AND PEDESTRIAN PROTECTION MEASURES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY/CODES.						
10.	ALL CONSTRUCTION THROUGH THE PROJECT SHALL CONFORM TO THE LATEST CALIFORNIA STATE BUILDING CODE AND ALL OTHER GOVERNING CODES, INCLUDING ALL PARTS OF THE CALIFORNIA CODES OF REGULATIONS. THE MOST RESTRICTIVE CODE WILL GOVERN.						
11.	THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.						
12.	WHEN REQUIRED STORAGE OF MATERIALS OCCUR, THEY SHALL BE EVENLY DISTRIBUTED OVER THE FLOOR OR ROOF SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING OR BRACING SHALL BE PROVIDED WHERE THE STRUCTURE OR SOIL HAS NOT ATTAINED THE DESIGN STRENGTH FOR THE CONDITIONS PRESENT.						
13.	THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE PROJECT.						
14.	WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:						
	<table border="0"> <tr> <td>NRCA</td> <td>NATIONAL ROOFING CONTRACTORS ASSOCIATION OHARE INTERNATIONAL CENTER 10255 W. HIGGINS ROAD, SUITE 600 ROSEMONT, IL 60018</td> </tr> <tr> <td>SMAACNA</td> <td>SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION 4201 LAFAYETTE CENTER DRIVE CHANTILLY, VA 20151-1209</td> </tr> <tr> <td>IILP</td> <td>INTERNATIONAL INSTITUTE FOR LATH AND PLASTER 820 TRANSFER ROAD ST. PAUL, MN 55114-1406</td> </tr> </table>	NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION OHARE INTERNATIONAL CENTER 10255 W. HIGGINS ROAD, SUITE 600 ROSEMONT, IL 60018	SMAACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION 4201 LAFAYETTE CENTER DRIVE CHANTILLY, VA 20151-1209	IILP	INTERNATIONAL INSTITUTE FOR LATH AND PLASTER 820 TRANSFER ROAD ST. PAUL, MN 55114-1406
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15.	INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY NOTED TO THE CONTRARY, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.						
16.	THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY VERIZON OR THEIR REPRESENTATIVE. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT FOR SAID DOCUMENT.						
17.	ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTED. DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES.						
18.	THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.						
19.	THE CONTRACTOR SHALL PROVIDE THE FIRE MARSHALL OR U.L. APPROVED MATERIALS TO FILL/SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES WHERE APPLICABLE.						
20.	NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.						
21.	THE CONTRACTOR IS TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A OR 2A10-BC WITHIN 75 FT. OF MAX. TRAVEL DISTANCE FOR EACH 6,000 OR PORTION THEREOF ON EACH FLOOR.						
22.	WHERE SPECIFIED, MATERIAL TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.						
23.	ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.						
24.	ALL DEBRIS AND REFUSE IS TO BE REMOVED FROM THE PROJECT. PREMISES SHALL BE LEFT IN A CLEAN BROOM FINISHED CONDITION AT ALL TIMES.						
25.	BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GRADING AND CONSTRUCTION EFFORT AS MANDATED BY THE GOVERNING AGENCY.						
26.	ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF A CONTRACTOR HAS A QUESTION REGARDING THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.						
27.	ELECTRICAL POWER SYSTEM SHALL BE GROUNDED PER NEC ARTICLES 250 AND 810.						
28.	THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO BEGINNING EXCAVATION (IF REQUIRED). UNDERGROUND SERVICE ALERT (USA 1-800-422-4133)						
29.	NO PIPES, DUCTS, SLEEVES, CHASES, ETC., SHALL BE PLACED IN SLABS, BEAMS OR WALLS UNLESS SPECIFICALLY SHOWN OR NOTED. NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC., UNLESS OTHERWISE NOTED. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATION OF ANY ADDITIONAL PIPES, DUCTS, ETC. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS.						
30.	SUBMITTALS:						
A.	MANUFACTURER'S DATA: FOR INFORMATION ONLY, SUBMIT COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR EACH SYSTEM COMPONENT REQUIRED. INCLUDE REPORTS AND OTHER DATA AS MAY BE REQUIRED TO SHOW COMPLIANCE WITH THESE SPECIFICATIONS.						
B.	SHOP DRAWINGS: SUBMIT SHOP DRAWING DETAILS AND DATA OF SYSTEMS SPECIFIED FOR APPROVAL PRIOR TO ERECTION.						
31.	CLEANING AND PROTECTION:						
A.	CLEAN EXPOSED SURFACES OF FINISHES AND EQUIPMENT AS REQUIRED. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR CLEANING AND TOUCH-UP OF MINOR FINISH DAMAGE. REMOVE AND REPLACE WORK WHICH CANNOT BE SUCCESSFULLY CLEANED AND REPAIRED TO PERMANENTLY ELIMINATE EVIDENCE OF DAMAGE.						
B.	THE INSTALLER SHALL ADVISE THE CONTRACTOR OF REQUIRED PROTECTION FOR ANY FINISHES, INCLUDING TEMPERATURE AND HUMIDITY LIMITATIONS AND DUST CONTROL, SO THAT THE WORK WILL BE WITHOUT DAMAGE AND DETERIORATION AT THE TIME OF ACCEPTANCE BY THE OWNER.						

SITE WORK SPECIFICATIONS
DEMOLITION
1. WORK INCLUDED:
A. DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION AS NECESSARY TO PREPARE FOR NEW CONSTRUCTION.
B. CLEANUP AND DISPOSAL OF RUBBISH, DEBRIS AND SALVAGE.
C. PROTECTION AND BARRICADES TO PROTECT PERSONNEL AND PREMISES.
D. DUST ABATEMENT.
2. GENERAL REQUIREMENTS:
A. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ESTABLISH EXTENT OF WORK UNDER THIS SECTION IN ACCORDANCE WITH PERTINENT PROVISIONS OF THE GENERAL CONDITIONS.
B. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA 1-800-422-4133) 48 HOURS PRIOR TO ANY EXCAVATION.
C. FIELD CONDITIONS:
(1) VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS. INSPECT RELATED WORK AND ADJACENT SURFACES AND REPORT TO ARCHITECT ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
(2) VERIFY SITE INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, BUILDINGS, ROADWAY CURB AND GUTTERS, UTILITIES AND OTHER INFORMATION AFFECTING THE SCOPE OF WORK INCLUDED ON THESE DRAWINGS. UTILITY INFORMATION INCLUDES STORM DRAIN, SEWER, WATER, ELECTRICAL, GAS, TELEPHONE AND CABLE TV. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER OR ARCHITECT FOR DIRECTION ON HOW TO PROCEED.
D. CODES AND STANDARDS: CONFORM TO THE CURRENT CALIFORNIA BUILDING CODES, AND ANY OTHER REFERRED TO CODES AND STANDARDS. IN CASE OF CONFLICT BETWEEN THE ABOVE AND THIS SECTION, THE MORE STRINGENT SHALL GOVERN. COMPLY WITH STATE OF CALIFORNIA, CONSTRUCTION SAFETY ORDERS, LATEST REGISTER (CAL/OSHA).
E. PROVIDE PEDESTRIAN SAFETY BARRIERS AS REQUIRES TO PROTECT THE PUBLIC AT ALL TIMES, I.E., CONES AND SAFETY TAPE FOR AREAS UNDER CONSTRUCTION TO ISOLATE FROM PEDESTRIAN ACCESS. KEEP ALL AREAS OF WORK CLEAN, NEAT AND ORDERLY ON A DAILY BASIS.
3. UTILITIES:
A. EXCAVATION IN THE VICINITY OF UTILITIES SHALL BE UNDERTAKEN WITH CARE. ACTIVE UTILITIES SHALL BE PROTECTED BY AND AT EXPENSE OF THE CONTRACTOR. KEEP ANY REQUIRED UTILITY IN OPERATING CONDITION DURING ENTIRE PERIOD OF WORK. ANY DAMAGE TO UTILITIES WHICH ARE TO REMAIN CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT, OR TOOL RELATED TO THE EXECUTION OF THE CONTRACT SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
4. DUST AND NOISE ABATEMENT:
A. EXERCISE ALL POSSIBLE PRECAUTIONS TO KEEP NOISE TO A MINIMUM AND TO KEEP DUST FROM CIRCULATING AND CONTAMINATING ADJACENT BUILDING OPERATIONS AND AREAS.
5. PROTECTION AND SAFETY:
A. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING IMPROVEMENTS, INCLUDING FINISH (EXTERIOR AND INTERIOR) WITH OR OUTSIDE WORKING AREA. REPAIR OR REPLACE EXISTING IMPROVEMENTS DAMAGED DURING WORK OF THIS SECTION WITH MATERIAL OF SAME KIND, QUALITY AND SIZE. MATERIAL OR EQUIPMENT TEMPORARILY REMOVED FOR PROTECTION AND NOT DAMAGED SHALL BE REINSTALLED.
6. SEQUENCE OF WORK:
A. GENERAL INTENT: THE DRAWINGS AND THESE SPECIFICATIONS INDICATE IN GENERAL TERMS THE REQUIREMENTS OF THE WORK TO BE DONE AND THE MANNER IN WHICH THE WORK IS TO BE DONE. THE CONTRACTOR, HOWEVER, MAY ORGANIZE HIS WORK AND DETERMINE THE SPECIFIC METHODS OF PROCEDURE HE FEELS ARE SUITABLE AND CORRECT FOR THE WORK TO BE DONE, CONSISTENT WITH THE RESULTS REQUIRED AND THE SAFETY OF THE STRUCTURE AND ALL AFFECTED PREMISES AND PERSONS. HE SHALL, HOWEVER, BEFORE COMMENCING WITH ANY SIGNIFICANT PARTS OF THE WORK, MEET WITH THE VERIZON PROJECT MANAGER AND SHALL INFORM THEM OF HIS METHODS, PROCEDURES AND SEQUENCE OF WORK AND HE SHALL COMPLY WITH ANY REASONABLE SUGGESTIONS THEY MAY MAKE IN THE INTEREST OF VERIZON OR THE SAFETY OF THE STRUCTURE.
7. DEMOLITION:
A. CONCRETE CUTTING & ASPHALT: CONCRETE & ASPHALT CONSTRUCTION INDICATED TO BE CUT, BROKEN AND REMOVED SHALL BE NEATLY CUT USING CONCRETE CUTTING SAWS WITH DIAMOND OR ABRASIVE BLADES, DETERMINE EXTENT OF CUT AND DRILL PILOT HOLES IN CORNERS SUFFICIENTLY LARGE ENOUGH TO PREVENT OVERRUN OF SAW BLADE. SAWCUTS SHALL BE MADE STRAIGHT, EVEN AND DEEP ENOUGH INTO ELEMENT BEING CUT TO ASSURE THAT SUBSEQUENT BREAKING AND REMOVING OF REMAINING SECTION WILL NOT RESULT IN CRACKING, SPALLING OR CHIPPING OF ANY EXPOSED SURFACE OR EDGE. CUT REINFORCING STEEL TO BE REMOVED WITH GAS CUTTING TORCHES, TAKING CARE NOT TO DAMAGE ADJACENT CONSTRUCTIONS.
SITE CLEARING / EARTHWORK
1. WORK INCLUDED:
A. PROTECTION OF EXISTING EARTH BANKS AND SLOPES, INCLUDING TEMPORARY SHORING.
B. CONTROL OF SURFACE AND GROUND WATER.
C. EXCAVATION FOR ALL FOOTINGS, SLABS, AND OTHER BUILDING AND/OR STRUCTURAL ELEMENTS.
D. SAND BACKFILL AND COMPACTION OF SAME.
E. SUBGRADE PREPARATION FOR ON-GRADE CONCRETE.
F. REQUIREMENTS FOR TRENCHING OPERATIONS.
G. CLEAN UP AND DISPOSAL
H. SITE CLEARING
2. RELATED WORK:
A. TESTING AND INSPECTION OF WORK OF THIS SECTION
3. QUALITY ASSURANCE
A. CODES
(1) UNIFORM BUILDING CODE LATEST EDITION.
(2) STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS (CAL/OSHA) LATEST REGISTER.
B. STANDARDS
(1) AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM). SPECIFICATIONS AS INDICATED BY NUMBER HEREIN.
C. TESTS AND INSPECTIONS
(1) COMPACTION METHOD SHALL CONFORM TO ASTM D1557-70 SPECIFIED DENSITIES RELATE TO MAXIMUM DRY DENSITIES OBTAINED THEREBY.
(2) SOILS TESTING AGENCY SHALL BE NOTIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF EARTHWORK AND SHALL PERFORM AND REPORT THE FOLLOWING PROCEDURES:
A. VISUALLY APPROVE BACKFILL MATERIAL; PERFORM SUITABILITY TESTS IF REQUIRED.
B. SUPERVISE PLACEMENT OF CONTROLLED BACKFILLS, PERFORM FIELD DENSITY TESTS AS REQUIRED TO VERIFY PROPER COMPACTION DENSITIES.
C. INSPECT AND APPROVE COMPLETED AND PREPARED EXAMINATIONS.
4. SITE VISITATION:
A. IN PREPARING HIS PROPOSAL, THE CONTRACTOR IS ASSUMED TO HAVE VISITED THE SITE, CAREFULLY EXAMINED THE DRAWINGS AND SPECIFICATIONS AND DETERMINED TO HIS SATISFACTION THE METHODS OF REMOVAL AND STORAGE OF MATERIALS, THE SEQUENCING OF HIS OPERATIONS AND THE PROBLEMS ATTENDANT THERETO, NO ALLOWANCE WILL BE MADE SUBSEQUENTLY TO THE CONTRACTOR FOR ANY ERROR THROUGH NEGLIGENCE IN OBSERVING THE SITE CONDITIONS.
5. JOB CONDITIONS:
A. PROTECTION: MAINTAIN PROTECTION TO RETAIN EARTH AND TO PROTECT ADJOINING GRADES AND STRUCTURES FROM CAVING, SLIDING, EROSION OR OTHER DAMAGE PROVIDING SUITABLE PROTECTION AGAINST BODILY INJURY, COMPLY WITH ALL LOCAL CODES AND REGULATIONS. ERECT TEMPORARY BARRICADES AS NEEDED FOR SAFETY AND CONSTRUCT TEMPORARY BERMS, DAMS AND DITCHES AS NEEDED TO PREVENT SLOPE AND BANK EROSION. DO NOT ALLOW EXPOSED SOILS TO DRY OUT AND SPRINKLE AS DIRECTED OR REQUIRED.
B. DEWATERING: KEEP THE WHOLE OF THE EXCAVATIONS CONTINUOUSLY FREE FROM WATER AND FLUIDS OF ANY KIND.

SITE WORK SPECIFICATIONS (CONT'D)
6. UNDERGROUND PIPES, CONDUITS AND UTILITIES
A. THE CONTRACTOR SHALL NOTIFY VERIZON PROJECT MANAGER AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EARTHWORK. THE CONTRACTOR SHALL NOTIFY A UTILITY LOCATING SERVICE. NO EARTHWORK SHALL BE PERFORMED UNTIL A LOCATING SERVICE IS PRESENT AT THE SITE AND WORK IS AUTHORIZED.
B. OBSERVE APPLICABLE REGULATIONS IN WORK AFFECTING ALL OTHER UNDERGROUND UTILITIES. PROTECT ACTIVE UTILITIES FROM DAMAGE AND REMOVE OR RELOCATE ONLY AS INDICATED OR SPECIFIED. REMOVE AND PLUG OR CAP INACTIVE OR ABANDONED UTILITIES ENCOUNTERED IN EXCAVATING OR GRADING. IN ABSENCE OF SPECIFIC REQUIREMENTS, PLUG OR CAP AT LEAST 5 FEET OUTSIDE BUILDING WALLS.
C. EXCAVATION OR TRENCHING FOR NEW PIPE, CONDUIT OR UTILITY LINES WITHIN FIVE FEET OF BUILDING LINES AND UNDER EXTERIOR WALKS, SLABS, DRIVES OR PAVEMENT IS SUBJECT TO PROVISIONS OF THIS SPECIFICATION WITH RESPECT TO PROTECTION FROM MOISTURE, BACKFILLING AND GRADING.
D. LINES CONTAINING LIQUID: CHECK FOR LEAKS AND CERTIFY CONDITION TO OWNER. RUN SUCH LINES AT LEAST 5 FEET OUTSIDE BUILDING LINES WHEREVER POSSIBLE.
7. MATERIALS:
A. BACKFILL MATERIAL: ONLY MATERIALS APPROVED BY THE GEO-TECHNICAL ENGINEER SHALL BE USED FOR ALL BACKFILLING OPERATIONS. BACKFILL MATERIALS SHALL CONSIST OF GRAVEL, SAND AND APPROVED BLENDS OF SAND AND NATURAL MATERIALS.
B. EXCAVATION:
A. EXCAVATE FOR FOOTINGS AND OTHER REQUIREMENTS TO DEPTHS INDICATED ON THE DRAWINGS. ELEVATIONS AND DEPTHS OF EXCAVATIONS SHOWN ON THE DRAWINGS SHALL GOVERN AND WILL BE BASIS FOR BIDDING AND EXECUTION OF THE WORK EXCEPT AS OTHERWISE MAY BE DIRECTED BY THE ARCHITECT. GREATER OR LESS QUANTITIES OF EXCAVATION REQUIRED BY AUTHORIZED INSTRUCTIONS SHALL BE ADJUSTED IN ACCORDANCE WITH GENERAL CONDITIONS.
B. EXCEPT WHERE EXTRA EXCAVATION IS ORDERED BY THE ARCHITECT, SHOULD EXCAVATIONS BE MADE TO GREATER DEPTH OR SIZE THAN INDICATED OR REQUIRED, SUCH ADDITIONAL DEPTH OR SIZE SHALL BE FILLED WITH CONCRETE AS SPECIFIED UNDER "STRUCTURAL CONCRETE SPECIFICATIONS" AT THE CONTRACTOR'S EXPENSE.
C. ALL EXCAVATIONS SHALL BE SUFFICIENT SIZE TO PERMIT INSTALLATION AND REMOVAL OF ANY REQUIRED FORMS AND ALL OTHER REQUIRED WORK.
D. SIDES OF FOOTINGS MAY BE FORMED BY NEAT EXCAVATIONS WHERE BANKS WILL STAND WITHOUT CAVING AND THE NEAT TRENCHES ARE CUT 1" WIDER ON EACH SIDE THAN THE FOOTING DIMENSIONS INDICATED ON THE DRAWINGS. IF BANKS CAVE, FORM FOOTINGS AND WIDEN TRENCHES TO PERMIT FORMING, BRACING AND INSPECTION, MINIMUM 1'-0" EACH SIDE.
E. CONTACT THE ARCHITECT FOR INSTRUCTION SHOULD ANY UNSUITABLE SOIL OR ANY OTHER ADVERSE SUBSURFACE CONDITION BE ENCOUNTERED.
F. MACHINE EXCAVATION MAY BE USED DOWN TO ROUGH ELEVATIONS, PERFORM FINAL GRADING AND TRIMMING BY HAND METHODS.
G. TRENCHES: EXCAVATE TRENCHES TO WIDTHS REQUIRED FOR PROPER LAYING OF PIPE WITH BANKS AS NEARLY VERTICAL AS PRACTICAL. BRING BOTTOMS OF TRENCHES TO REQUIRED DEPTHS AND ACCURATELY GRADE TO PROVIDE UNIFORM BEARINGS ON UNDISTURBED SOIL FOR ENTIRE LENGTH OF EACH SECTION OF PIPE.
9. BACKFILLING:
A. AFTER CONCRETE HAS BEEN PLACED AND ALL WORK APPROVED, THE EXCAVATIONS SHALL BE BACKFILLED WITH APPROVED BACKFILL MATERIAL TO INDICATED OR REQUIRED GRADES. ALL RUBBISH AND WOOD SHALL BE REMOVED FROM THE EXCAVATIONS BEFORE PLACING BACKFILL.
B. PLACE BACKFILL IN 6-INCH LOOSE LAYERS, BRING TO OPTIMUM MOISTURE CONTENT AND COMPACT TO 90% OF MAXIMUM DENSITY, SLOPING DOWN AND AWAY FROM BUILDING.
C. THE AMOUNT OF WATER USED SHALL BE RIGIDLY CONTROLLED TO INSURE OPTIMUM MOISTURE CONDITIONS FOR THE TYPE OF FINAL MATERIAL USED. EXCESSIVE AMOUNTS OF WATER CAUSING SATURATION OF EARTH WILL NOT BE PERMITTED. COMPACTION BY FLOODING OR JETTING IS PROHIBITED.
10. SUBGRADE PREPARATION FOR CEMENT:
A. PREPARE SUBGRADE FOR CONCRETE CASE ON EACH BY CUTTING, FILLING AND COMPACTING AS REQUIRED AND SPECIFIED HEREIN AND BRING TO OPTIMUM MOISTURE CONTENT. FINISH SUBGRADE WITHIN A 3/8" TOLERANCE WHEN TESTED WITH A 10 FT. STRAIGHTEDGE IN ANY DIRECTION AND LOCATION. COMPACT TO THE DENSITY SPECIFIED FOR FILL AND MAINTAIN CONTENT UNTIL CONCRETE IS PLACED.
11. DISPOSAL AND CLEAN UP
A. BURNING COMBUSTIBLE RUBBISH ON SITE IS PROHIBITED.
B. RUBBISH, DEBRIS AND ROCKS SHALL BE HAULED AWAY FROM THE SITE PROMPTLY AND LEGALLY DISPOSED OF.
C. EXCESS EARTH RESULTING FROM CUTTING AND EXCAVATION SHALL BE LEGALLY DISPOSED OF OFF THE SITE.
D. DUST AND NOISE ABATEMENT: DURING ENTIRE PERIOD OF CONSTRUCTION AND DURING LOADING, KEEP AREA AND MATERIAL BEING LOADED SPRINKLED TO REDUCE DUST IN AIR AND ANNOYANCE TO PREMISES AND NEIGHBORHOOD. EXERCISE ALL RESPONSIBLE MEANS TO ABATE UNDUE NOISE.
E. CLEAN UP SITE, REMOVE ALL DEBRIS AND LEAVE PREMISES IN CLEAN AND ORDERLY CONDITION.

SEALANT SPECIFICATIONS
1. WORK INCLUDED:
A. THIS SPECIFICATION IS INTENDED TO BE GENERAL IN ITS SCOPE AS TO WHERE CAULKING OR SEALANT IS TO BE INSTALLED. THE CONTRACTOR SHALL CHECK ALL DRAWINGS AND DETAILS AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXTENT OF THE CAULKING OR SEALING INVOLVED. ONLY A COMPLETE AND ABSOLUTELY WATERTIGHT JOB WILL BE ACCEPTED.
2. GUARANTEE:
A. PROVIDE GUARANTEE, IN FORM REQUIRED BY GENERAL CONDITIONS, FOR PERIOD OF TWO (2) YEARS.
B. DEFECTIVE WORK WILL BE JUDGED A FAILURE DUE TO LEAKAGE, HARDENING, CRACKING, CRUMBING, MELTING, SHRINKAGE OR RUNNING OF CAULKING COMPOUND OR SEALANT OR STAINING OF ANY ADJACENT WORK.
3. SEALANT:
A. ONE PART, ELASTOMERIC-TYPE COMPOUND CONFORMING TO ESTI-5-00230C, TYPE II CLASS A. THE COMPOUND SHALL BE SUPPLIED IN A READY TO USE FORM WHICH REQUIRES NO ON THE JOB MIXING. USE FOR ALL EXTERIOR WORK EXCEPT AREAS SUBJECT TO FOOT TRAFFIC.
B. NON-TRACKING SEALANT FOR AREAS SUBJECT TO FOOT TRAFFIC (INTERIOR OR EXTERIOR), TWO COMPONENT POLYURETHANE SEALANT, AS MANUFACTURED BY NEMCO INTERNATIONAL (VULKEM 245); SONNEBORN AND SONS (SONOCLASTIC, PAVING JOINT SEALANT); W.R. GRACE CO. (DARASEAL - U TRAFFIC GRADE); OR EQUAL.

FINISH SPECIFICATIONS
1. MATERIALS
A. USE FACTORY-MIXED PAINTS, ENAMELS, STAINS, VARNISH, LACQUER, FILLER, THINNER, AND ALL SIMILAR "PAINT" PRODUCTS. LABEL FOR TYPE, COLOR AND MANUFACTURER. DELIVER IN ORIGINAL FACTORY CONTAINERS. USE PRODUCTS FOLLOWING AS LISTED IN "PAINTING SCHEDULE".
(1)AMERTONE PAINT CORP.
(2)DUNN-EDWARDS CORP.
(3)PPG INDUSTRIES
(4)SINCLAIR PAINT COMPANY
B. PAINT THINNER: EXACT TYPE RECOMMENDED BY MANUFACTURER OF MATERIAL TO BE THINNED.
2. PAINT FINISH SCHEDULE
A. IN ORDER TO ESTABLISH THE STANDARDS OF DURABILITY AND APPEARANCE REQUIRED OF THE PAINTER'S FINISHES, THE COATINGS ITEMIZED IN THE PAINT FINISH SCHEDULE HAVE BEEN SELECTED FROM THE CURRENT CATALOGS OF THE DUNN-EDWARDS PAINT COMPANY.
3. PAINTING SCHEDULE
A. EXTERIOR METAL (FERROUS - SHOP PRIMED)
(1)FIRST COAT BLOC-RUST (43-4)
(2)SECOND COAT COMPO (42-1)
(3)THIRD COAT SYN-LUSTRO (10)
*SHOP PRIMED STEEL NEEDS TO BE COMPLETELY REPRIMED BEFORE APPLYING TOPOATS.
B. EXTERIOR METAL (FERROUS - GALVANIZED)
(1)PRE-TREATMENT GALVA-ETCH (GE 123)
(2)FIRST COAT GALV-ALUM (OD 43-7)
(3)SECOND COAT COMPO (42-1)
(4)THIRD COAT SYN-LUSTRO (9)
C. INTERIOR METAL (FERROUS - SHOP PRIMED)
(1)FIRST COAT CORROBAR (43-5)
(2)SECOND COAT SUPER U-365 (E22-1)
(3)THIRD COAT SYN-LUSTRO (9)

GENERAL REQUIREMENTS
THE FOLLOWING STANDARD VERIZON SPECIAL REQUIREMENTS SHALL BE A PART OF THIS SPECIFICATIONS, BUT NOT INCLUDED IN THE CONSTRUCTION DRAWINGS:
A. INSTRUCTIONS TO BIDDERS
B. INVITATION FOR BIDS
C. BID FORM
D. LIST OF SUBCONTRACTORS
E. APPLICATION FOR PAYMENT
F. CHANGE ORDERS
G. SCHEDULE OF VALUES
H. LIEN WAIVER
I. GENERAL CONDITIONS
J. SUPPLEMENTAL GENERAL CONDITIONS
K. SPECIAL CONDITIONS

ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
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2	01/21/2026	WATTNODE UPDATE	AP

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

Sara Durghalli

by: **Sara Durghalli**, Assistant Planner
Project No. **25-0001951** Date: **2/28/26**

ITALD Group

9010 112th Avenue NE
Kirkland, WA 98033

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verizon

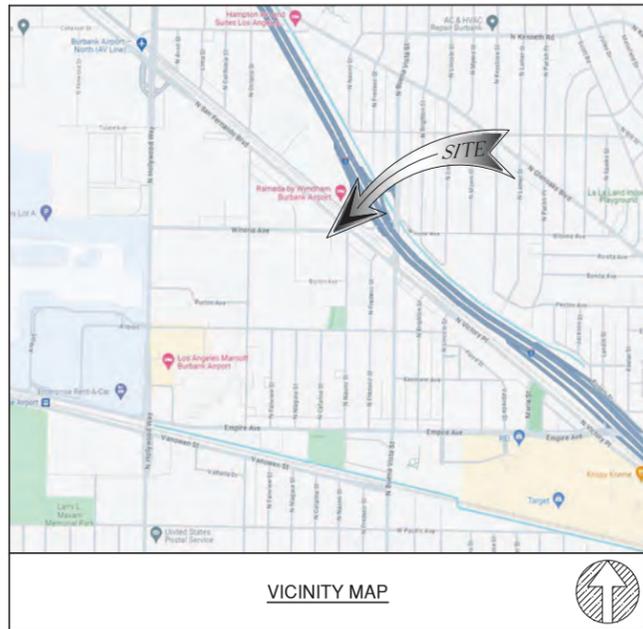
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**BRIGHTON
MACRO
PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504**

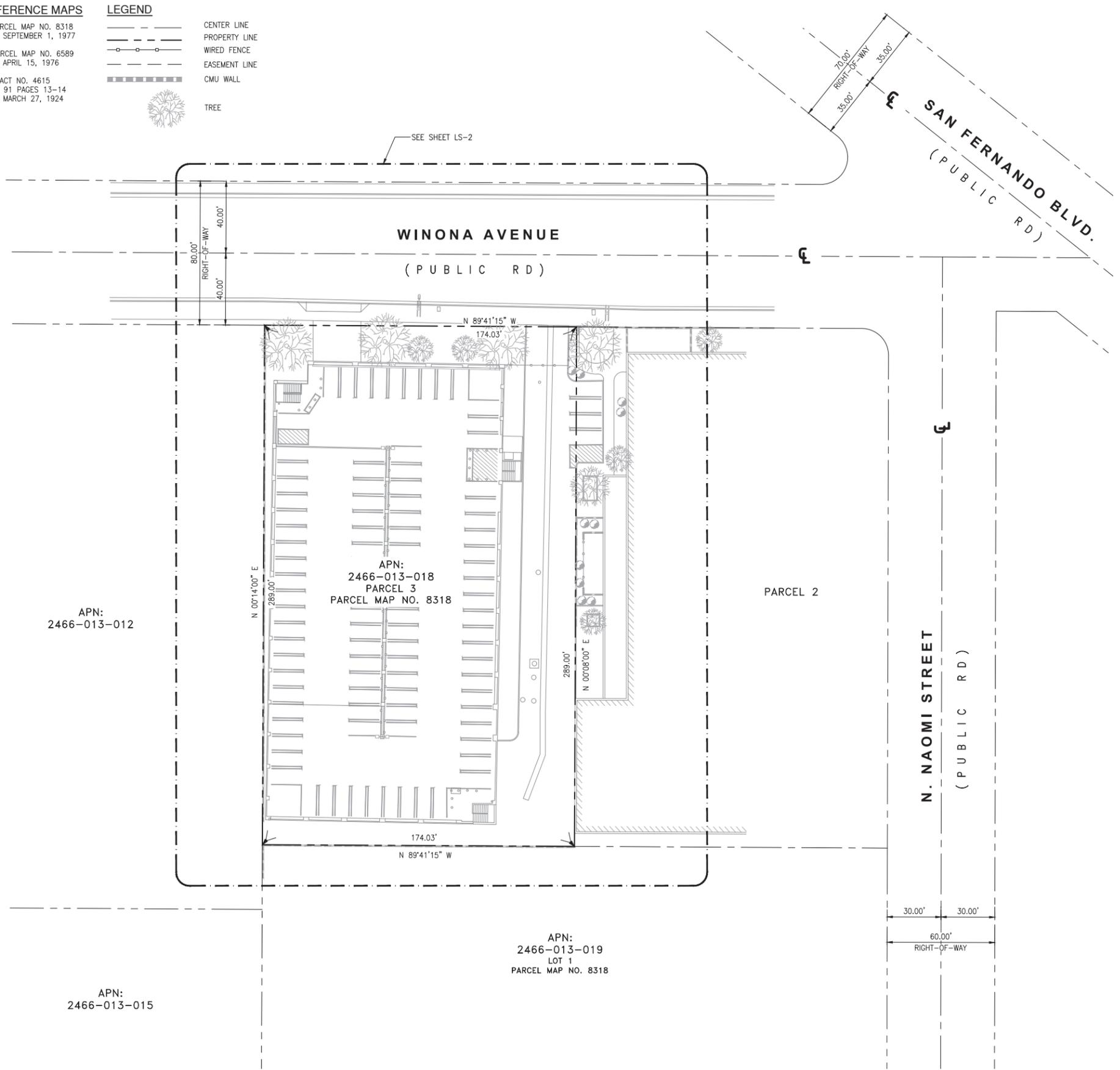
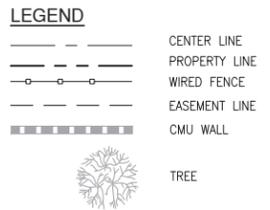
CONSTRUCTION DRAWINGS

SHEET TITLE:
GENERAL NOTES

T-2



- REFERENCE MAPS**
1. PARCEL MAP NO. 8318
FILED SEPTEMBER 1, 1977
 2. PARCEL MAP NO. 6589
FILED APRIL 15, 1976
 3. TRACT NO. 4615
BOOK 91 PAGES 13-14
FILED MARCH 27, 1924



APN
2466-013-018, LOS ANGELES COUNTY, CALIFORNIA

RECORD OWNER
CONTRACT SERVICES ADMINISTRATION TRUST FUND AS TO AN UNDIVIDED 50% INTEREST AND CONTRACT SERVICES ADMINISTRATION TRAINING TRUST FUND AS TO AN UNDIVIDED 50% INTEREST, AS TENANTS IN COMMON

TITLE REPORT
TITLE REPORT WAS PREPARED BY COMMONWEALTH LAND TITLE INSURANCE COMPANY WITH ORDER NO. 92025223-920-CMM-CM8 DATED APRIL 24, 2024.

BASIS OF ELEVATIONS: (NAVD 1988)
SITE ELEVATIONS ARE ESTABLISHED FROM THE GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12B" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "LEICA SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88, CALIFORNIA ZONE 5.

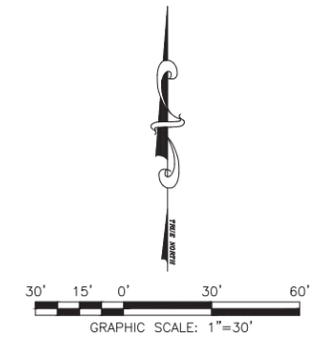
FLOOD ZONE
SITE IS LOCATED IN FLOOD ZONE "X" AS PER F.I.R.M. MAP NO. 06037C1329F EFFECTIVE DATE 09/26/2008.

LEGAL DESCRIPTION
ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 3 OF PARCEL MAP NO. 8318, IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 84, PAGE 5 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

APN: 2466-013-018

SCHEDULE B
ITEMS A-D ARE TAX/LIEN RELATED
ITEM 1 IS WATER RIGHTS RELATED
ITEMS 2-3 ARE REDEVELOPMENT PROJECT RELATED
ITEM 4 IS AGREEMENT RELATED
ITEM 5 IS CERTIFICATE OF COMPLETION RELATED
ITEMS 6-8 ARE DEED RELATED
ITEM 9 IS NOTICE RELATED
ITEM 10 IS A DISCLAIMER



ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	05/22/24	PRELIMINARY SURVEY	LA
1	05/30/24	FINAL SURVEY	LA
2	06/06/24	ADDED COORDINATES	LA

APPROVED

by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26



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BRIGHTON
PROJECT ID: 17344152
2710 WINONA AVE.,
BURBANK, CA 91504

SHEET TITLE:
BOUNDARY
DETAILS

LS-1

- NOTES:**
- THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP. THE PROPERTY LINES AND EASEMENTS SHOWN HEREON ARE FROM RECORD INFORMATION AS NOTED HEREON. AJK ENGINEERING AND SURVEY TRANSLATED THE TOPOGRAPHIC SURVEY TO RECORD INFORMATION USING FOUND MONUMENTS SHOWN HEREON.
 - THE HEIGHTS AND ELEVATIONS FOR THE TREES, BUSHES AND OTHER LIVING PLANTS SHOWN HEREON, SHOULD BE CONSIDERED APPROXIMATE (+/-) AND ONLY FOR THE DATE OF THIS SURVEY. THEY ARE PROVIDED AS A GENERAL REFERENCE AND SHOULD NOT BE USED FOR DESIGN PURPOSES.
 - FIELD SURVEY COMPLETED ON MAY 21, 2024.

LEGEND

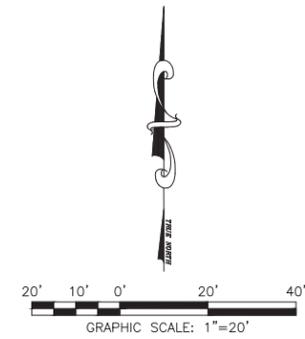
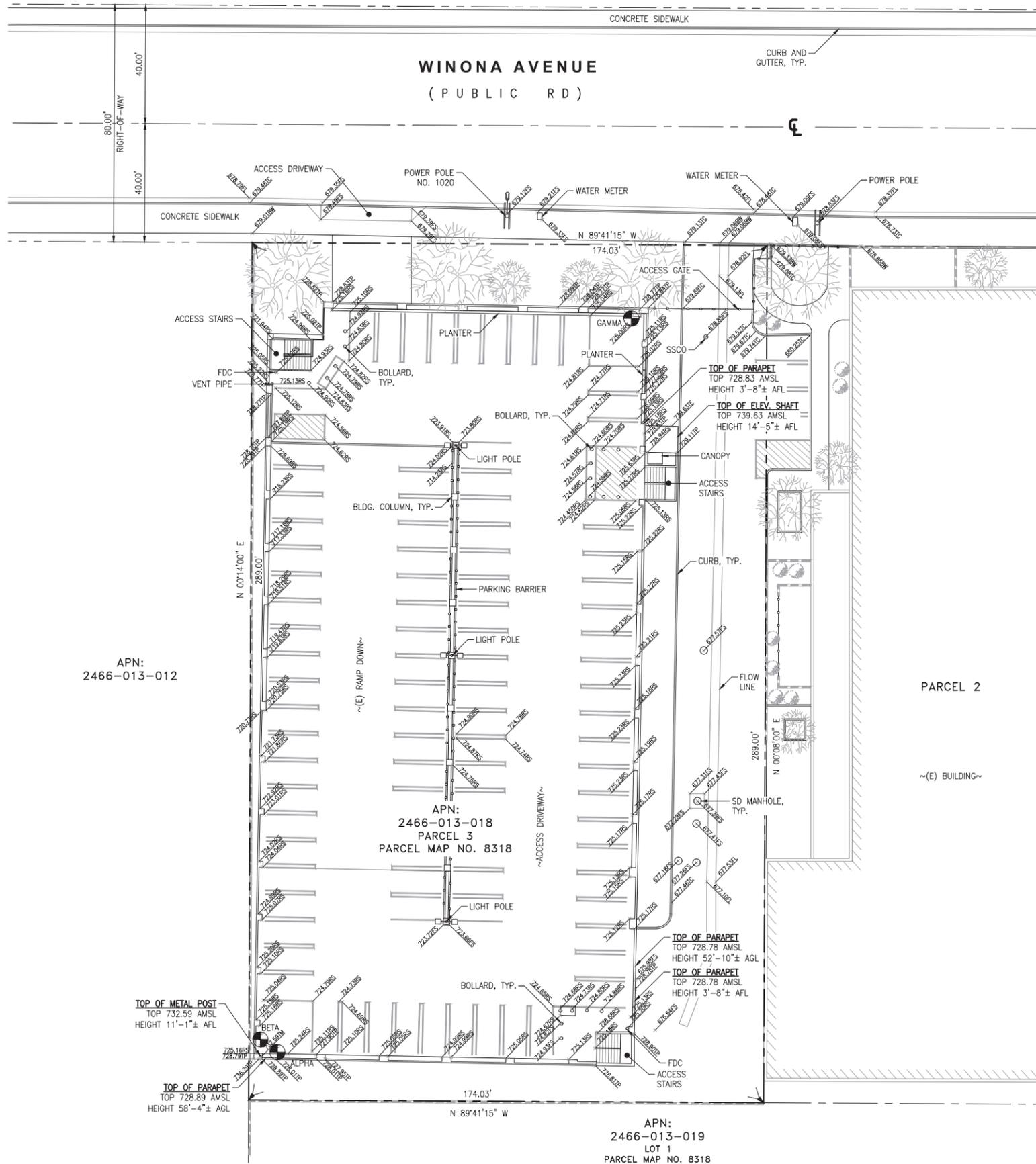
- CENTER LINE
- - - PROPERTY LINE
- o-o- WROUGHT IRON FENCE
- - - EASEMENT LINE
- ▬ CMU WALL

- EG EXISTING GRADE
- FS FINISH SURFACE
- TC TOP OF CURB
- FL FLOW LINE
- BW BACK OF WALK
- RS ROOF SURFACE
- TM TOP OF METAL POST
- HT HEIGHT
- TP TOP OF PARAPET
- TE TOP OF ELEVATOR SHAFT
- AFL ABOVE FLOOR LEVEL
- AGL ABOVE GRADE LEVEL



COORDINATES

- ALPHA
LATITUDE: 34°11'54.12" N (34.198367°)
LONGITUDE: 118°20'28.61" W (-118.341281°)
- BETA
LATITUDE: 34°11'54.16" N (34.198378°)
LONGITUDE: 118°20'28.68" W (-118.3413°)
- GAMMA
LATITUDE: 34°11'56.57" N (34.199047°)
LONGITUDE: 118°20'27.20" W (-118.340889°)



ISSUE STATUS

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0	05/22/24	PRELIMINARY SURVEY	LA
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2	06/06/24	ADDED COORDINATES	LA

APPROVED

By: *Sara Durghalli* Assistant Planner
 Project No. 25-0001951 Date: 2/28/26



24 RECODO,
 IRVINE, CA 92620
 714.624.9027

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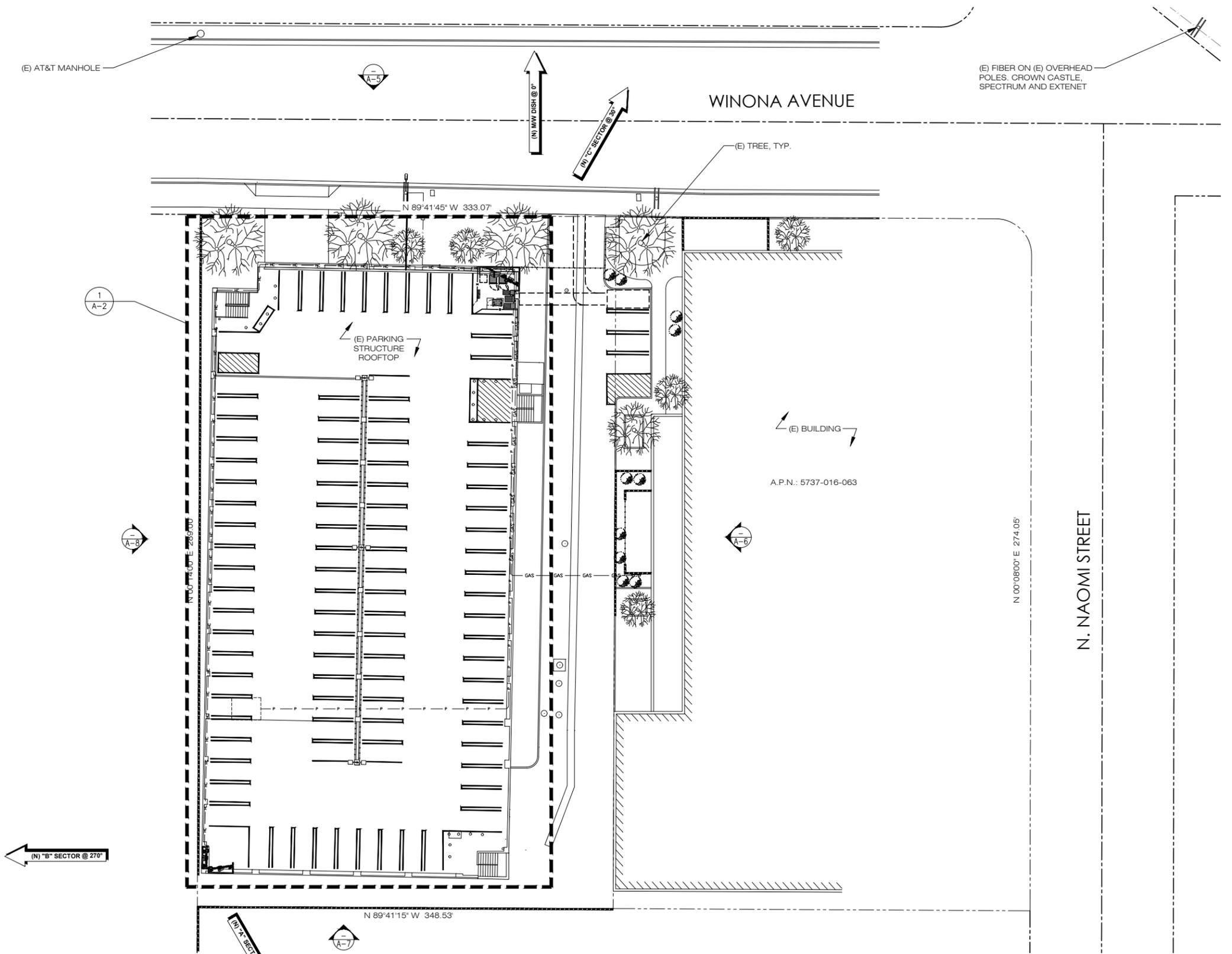
BRIGHTON

PROJECT ID: 17344152

2710 WINONA AVE.,
 BURBANK, CA 91504

SHEET TITLE:
 TOPOGRAPHIC SURVEY

LS-2



1
A-1
SITE PLAN
24"x36" SCALE: 1" = 20'-0"
11"x17" SCALE: 1" = 40'-0"
20' 10' 0' 20'

ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
2	01/21/2026	WATTNODE UPDATE	AP

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION
APPROVED
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 Project No. 25-0001951 Date: 2/28/26

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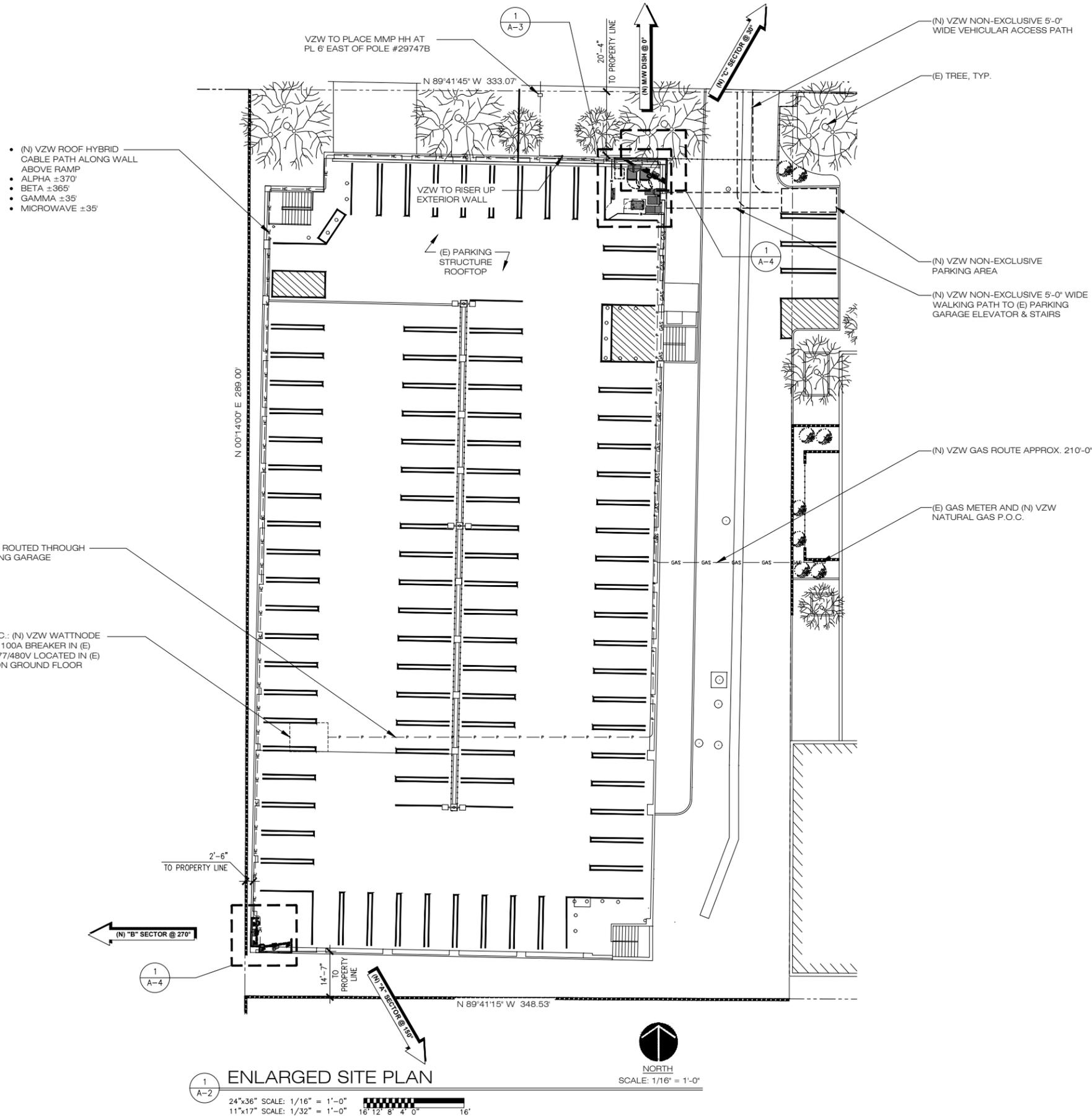


**BRIGHTON
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 PROJECT ID: 17344152
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CONSTRUCTION DRAWINGS

SHEET TITLE:
 SITE PLAN

A-1



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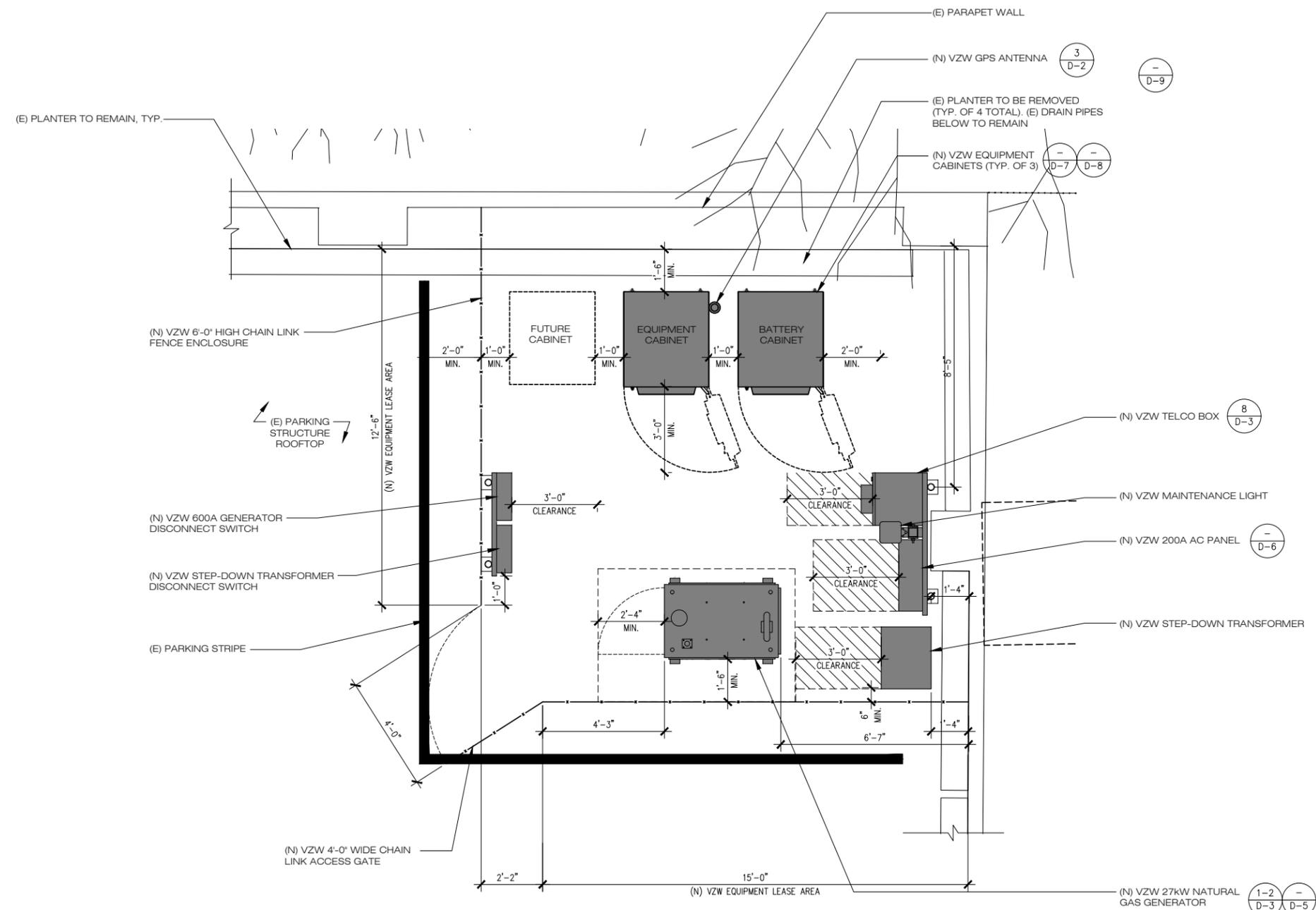
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CONSTRUCTION DRAWINGS

SHEET TITLE:
 ENLARGED SITE PLAN

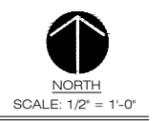
A-2

NOTES:
 1. (N) VZW ANTENNAS & APPURTENANCES NOT SHOWN FOR CLARITY.



EQUIPMENT PLAN

24"x36" SCALE: 1/2" = 1'-0"
 11"x17" SCALE: 1/4" = 1'-0"



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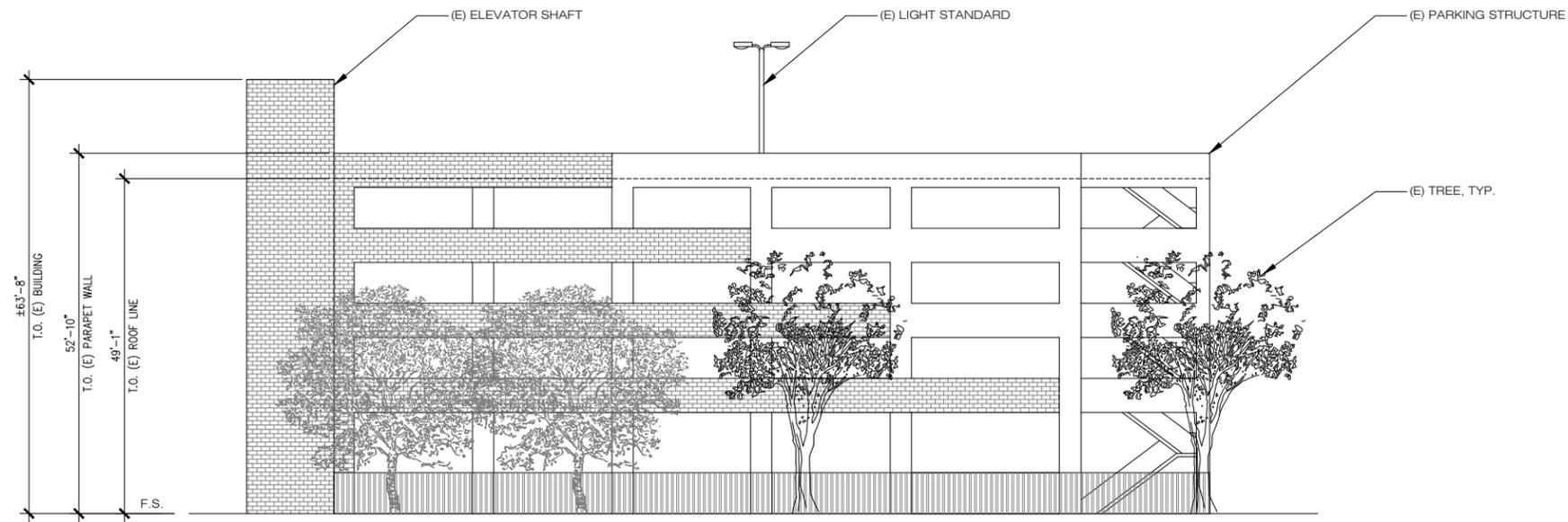


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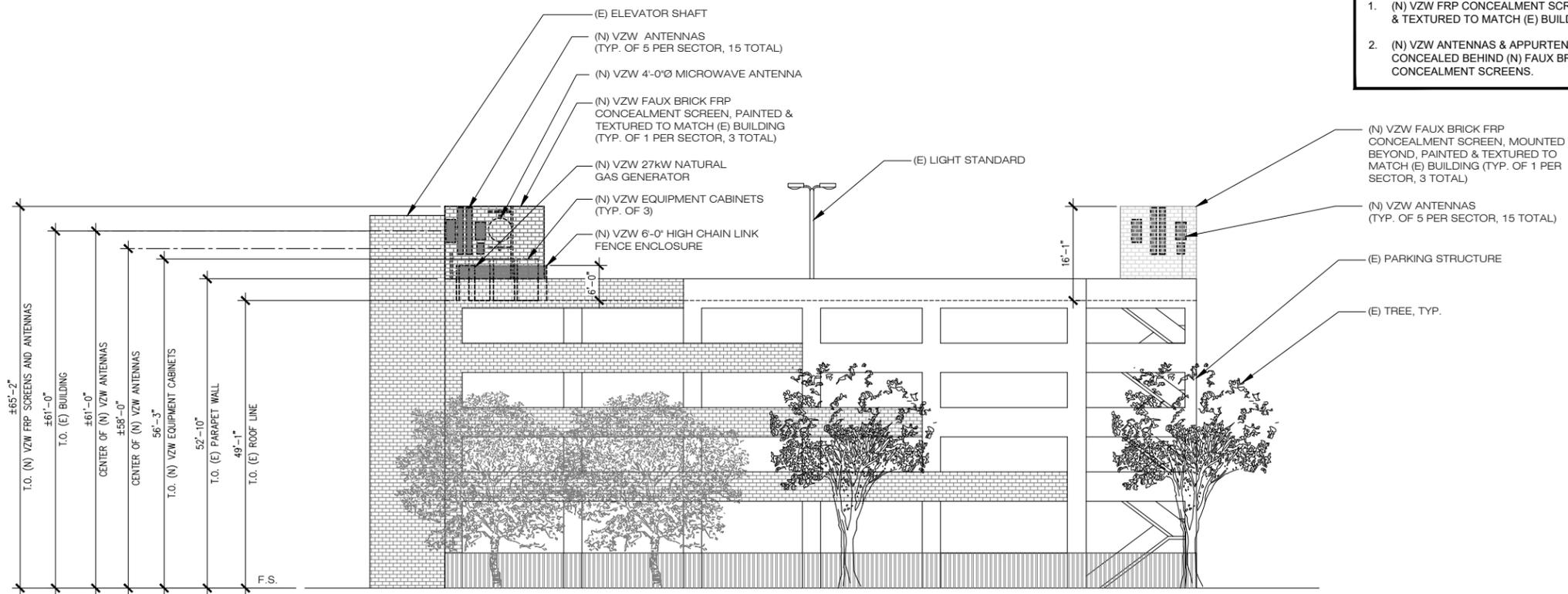
CONSTRUCTION DRAWINGS

SHEET TITLE:
EQUIPMENT PLAN

A-3



1
A-5
EXISTING NORTH ELEVATION SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"



2
A-5
PROPOSED NORTH ELEVATION SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"

- NOTES:**
- (N) VZW FRP CONCEALMENT SCREENS TO BE PAINTED & TEXTURED TO MATCH (E) BUILDING.
 - (N) VZW ANTENNAS & APPURTENANCES TO BE CONCEALED BEHIND (N) FAUX BRICK FRP CONCEALMENT SCREENS.

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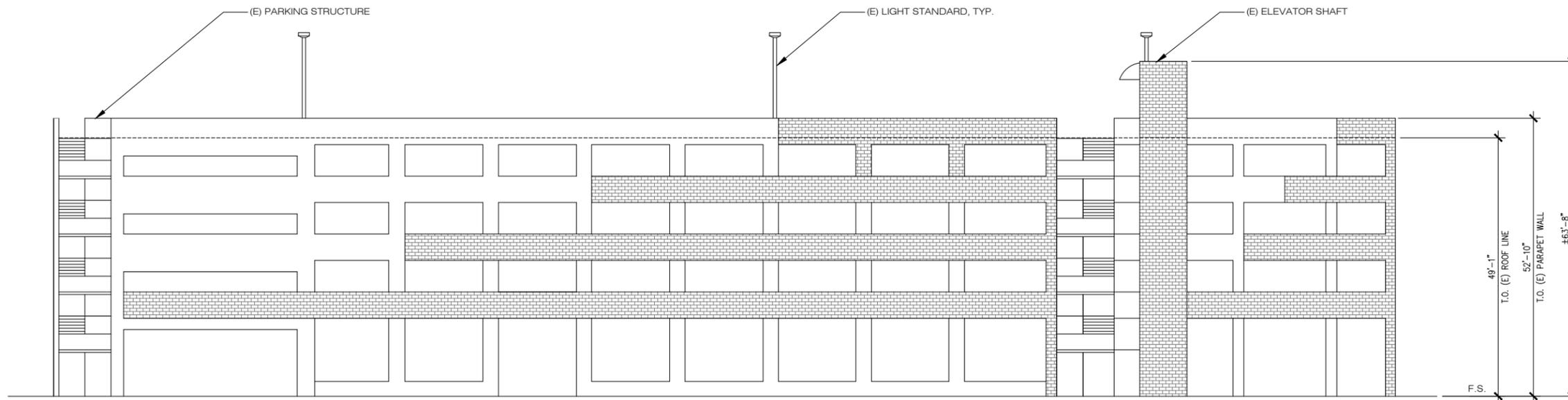


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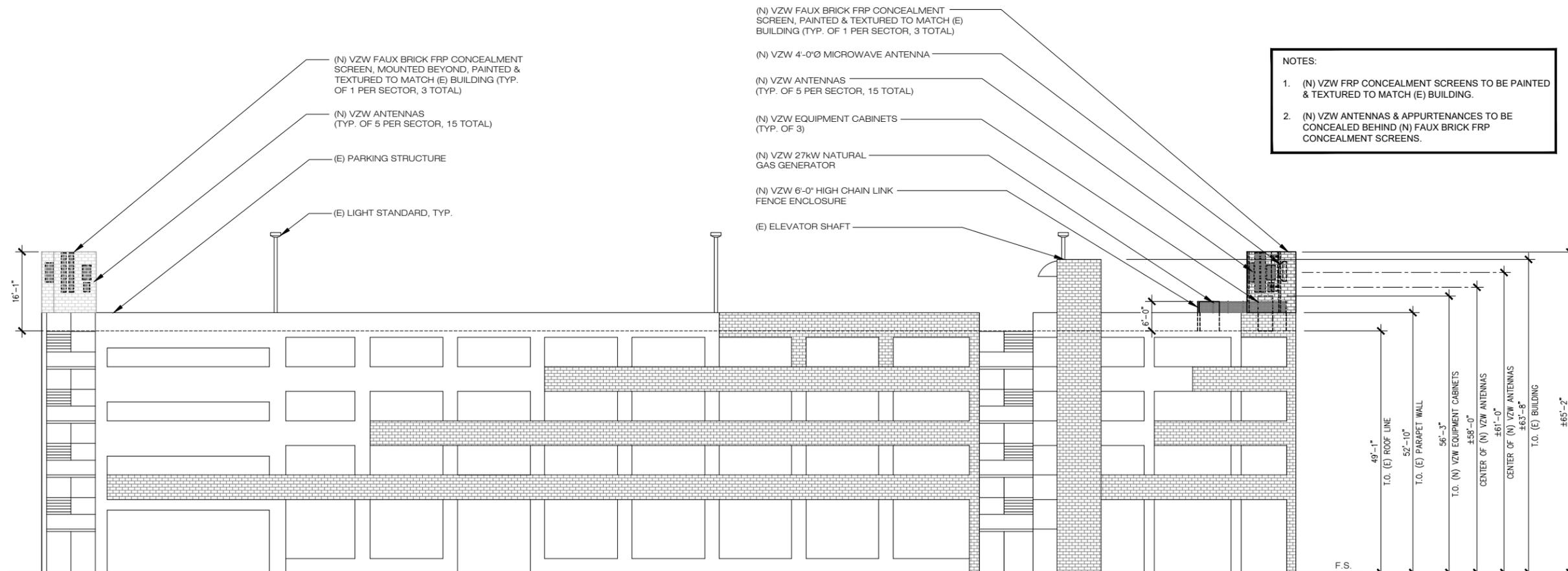
**BRIGHTON
MACRO**
PROJECT ID: 17344152
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BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:
NORTH ELEVATIONS

A-5



1
A-6
EXISTING EAST ELEVATION SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"



2
A-6
PROPOSED EAST ELEVATION SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"

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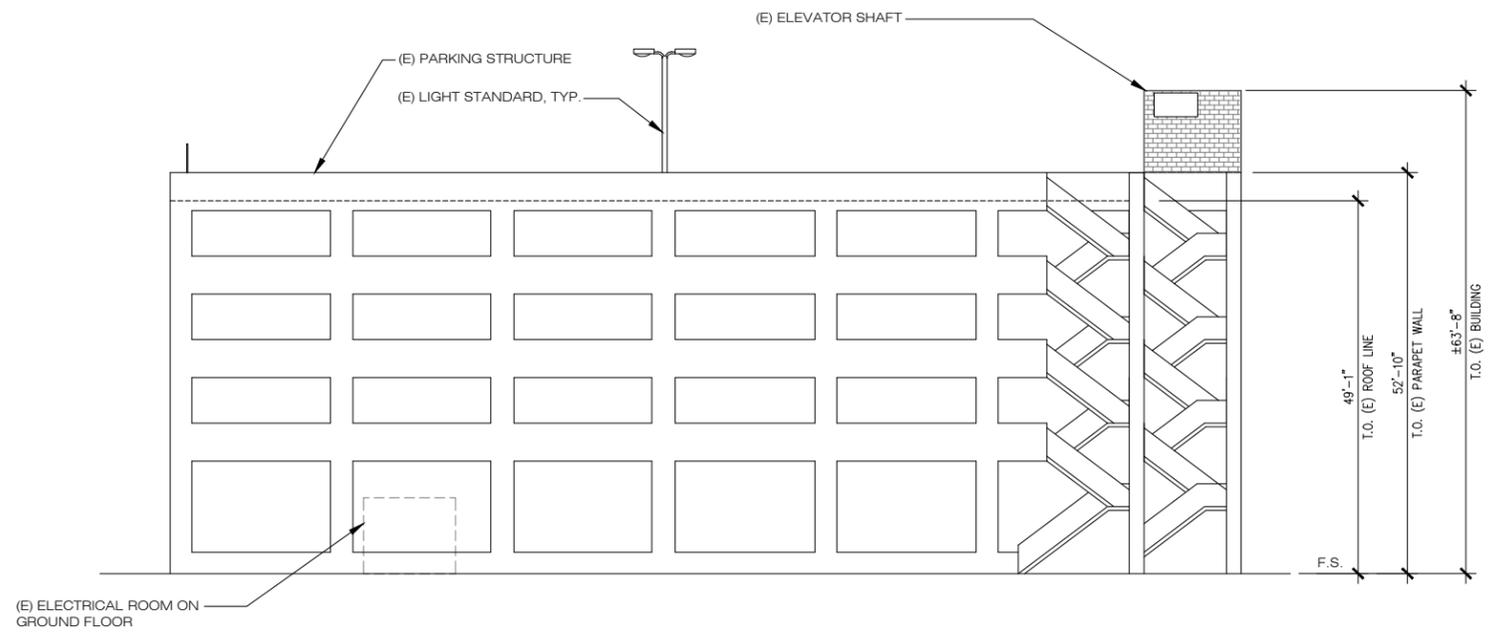
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**BRIGHTON
 MACRO**
PROJECT ID: 17344152
 2710 WINONA AVE.
 BURBANK, CA 91504

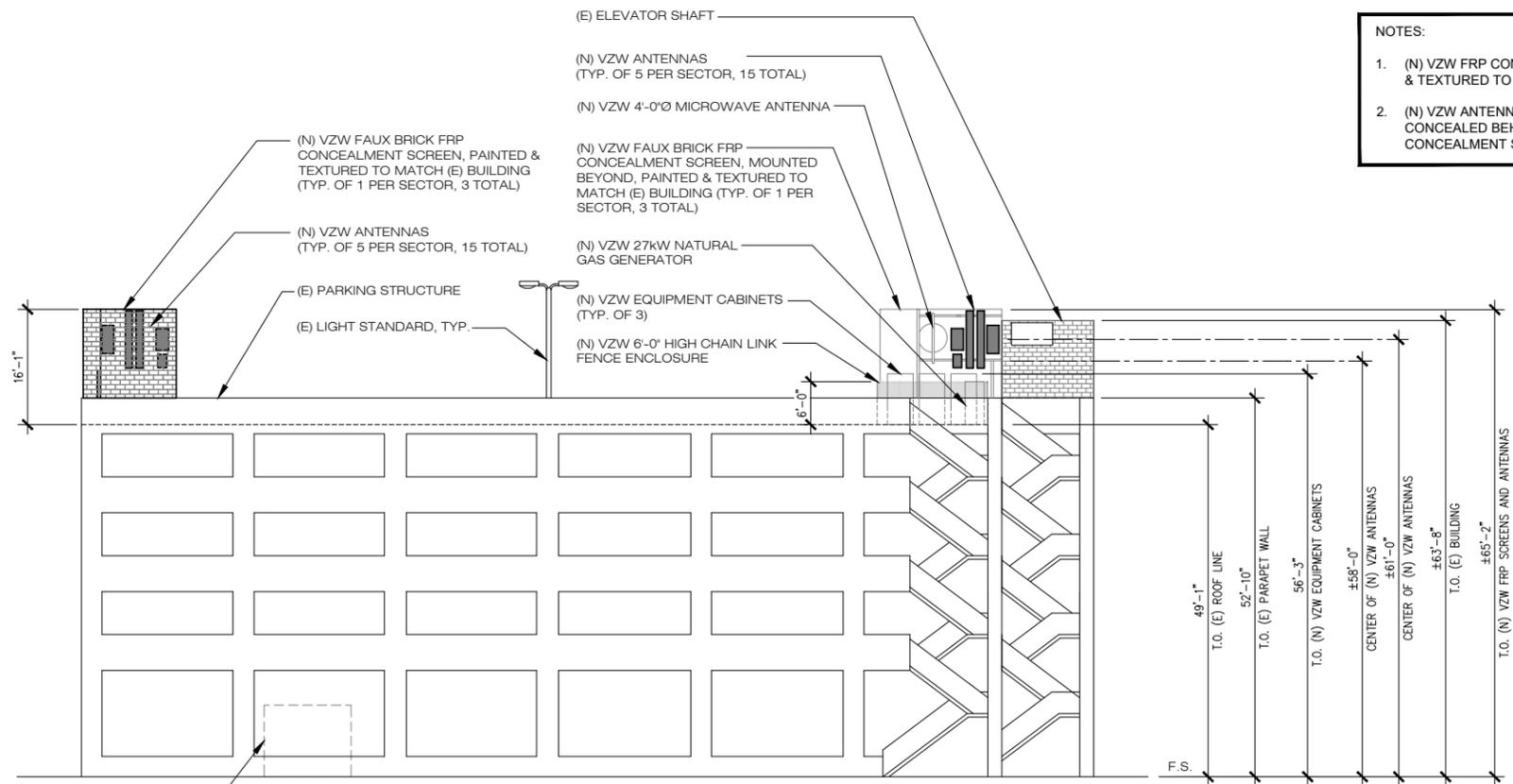
CONSTRUCTION DRAWINGS

SHEET TITLE:
 EAST ELEVATIONS

A-6



1
A-7
EXISTING SOUTH ELEVATION
SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"



(N) VZW POWER P.O.C.: (N) VZW WATTNODE AT ILC FED FROM (N) 100A BREAKER IN (E) PANEL HA 400AMP 277/480V LOCATED IN (E) ELECTRICAL ROOM ON GROUND FLOOR

2
A-7
PROPOSED SOUTH ELEVATION
SCALE: 3/32" = 1'-0"
24"x36" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"

- NOTES:**
- (N) VZW FRP CONCEALMENT SCREENS TO BE PAINTED & TEXTURED TO MATCH (E) BUILDING.
 - (N) VZW ANTENNAS & APPURTENANCES TO BE CONCEALED BEHIND (N) FAUX BRICK FRP CONCEALMENT SCREENS.

ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
2	01/21/2026	WATTNODE UPDATE	AP

APPROVED

by: *Sara Durghalli*, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAL Group
9010 112th Avenue NE
Kirkland, WA 98033

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CONSTRUCTION DRAWINGS

SHEET TITLE:
SOUTH ELEVATIONS

A-7

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CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

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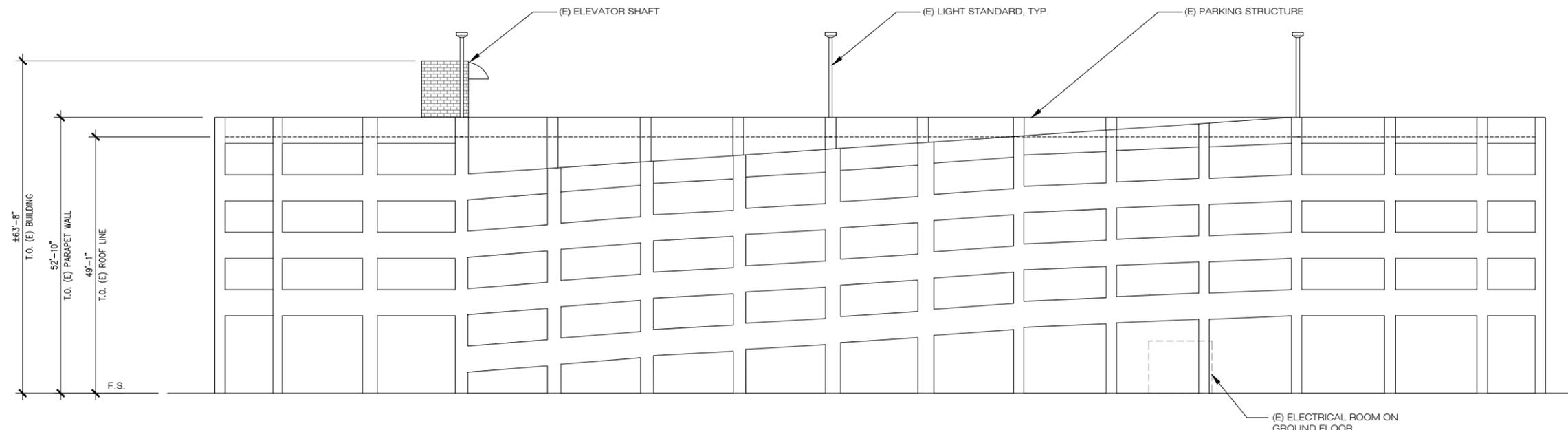


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**BRIGHTON
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SHEET TITLE:
 WEST ELEVATIONS

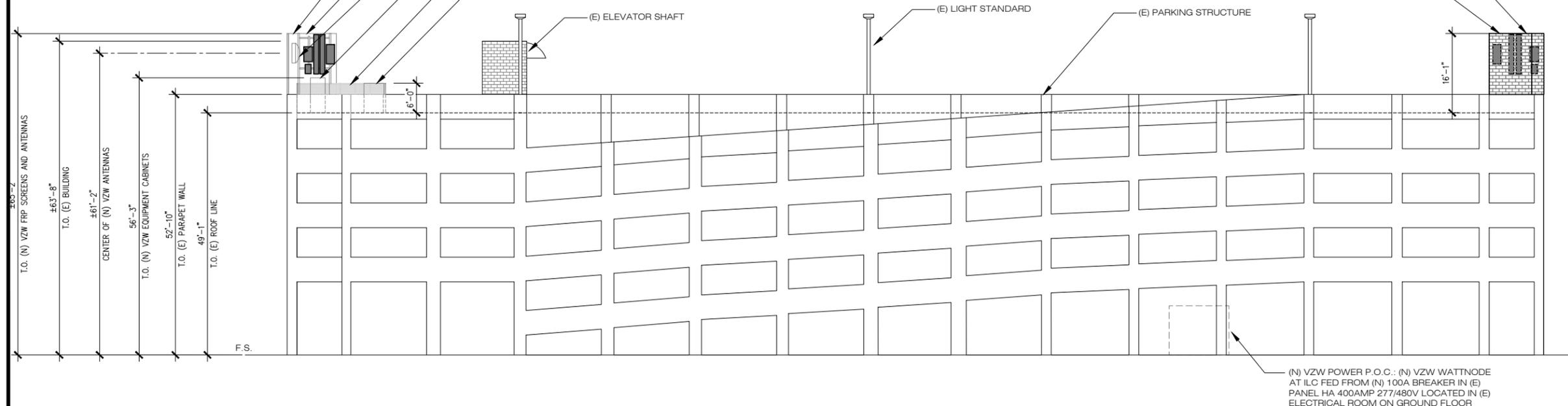
A-8



1 EXISTING WEST ELEVATION SCALE: 3/32" = 1'-0"
 24"x36" SCALE: 3/32" = 1'-0"
 11"x17" SCALE: 3/64" = 1'-0"

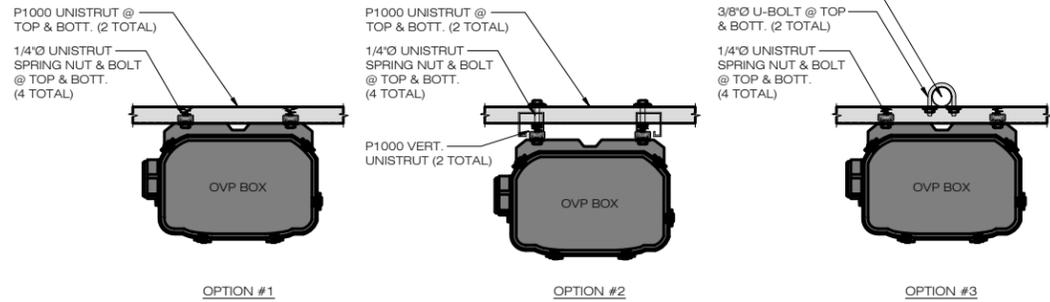
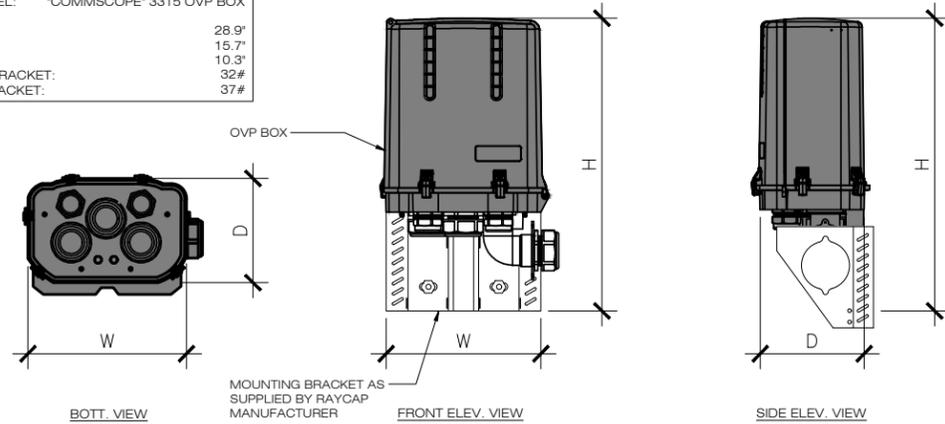
- NOTES:**
- (N) VZW FRP CONCEALMENT SCREENS TO BE PAINTED & TEXTURED TO MATCH (E) BUILDING.
 - (N) VZW ANTENNAS & APPURTENANCES TO BE CONCEALED BEHIND (N) FAUX BRICK FRP CONCEALMENT SCREENS.

- (N) VZW FAUX BRICK FRP CONCEALMENT SCREEN, MOUNTED BEYOND, PAINTED & TEXTURED TO MATCH (E) BUILDING (TYP. OF 1 PER SECTOR, 3 TOTAL)
- (N) VZW ANTENNAS (TYP. OF 5 PER SECTOR, 15 TOTAL)
- (N) VZW 4-0"Ø MICROWAVE ANTENNA
- (N) VZW EQUIPMENT CABINETS (TYP. OF 3)
- (N) VZW 6'-0" HIGH CHAIN LINK FENCE ENCLOSURE
- (N) VZW 27kW NATURAL GAS GENERATOR
- (N) VZW FAUX BRICK FRP CONCEALMENT SCREEN, PAINTED & TEXTURED TO MATCH (E) BUILDING (TYP. OF 1 PER SECTOR, 3 TOTAL)
- (N) VZW ANTENNAS (TYP. OF 5 PER SECTOR, 15 TOTAL)



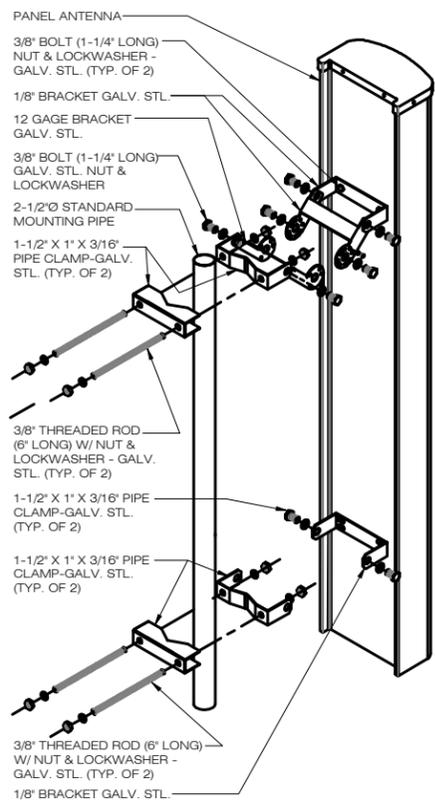
2 PROPOSED WEST ELEVATION SCALE: 3/32" = 1'-0"
 24"x36" SCALE: 3/32" = 1'-0"
 11"x17" SCALE: 3/64" = 1'-0"

REMOTE RADIO UNIT MODEL:	"COMMSCOPE" 3315 OVP BOX
PHYSICAL DATA	
HEIGHT (H):	28.9"
WIDTH (W):	15.7"
DEPTH (D):	10.3"
WEIGHT W/O MOUNTING BRACKET:	32#
WEIGHT W/ MOUNTING BRACKET:	37#



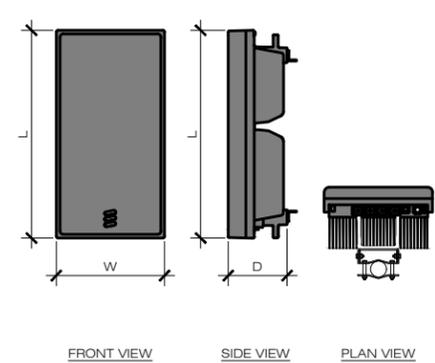
RAYCAP BOX MOUNTING DETAILS

1 3315 RAYCAP BOX DETAILS
D-1 SCALE: NTS

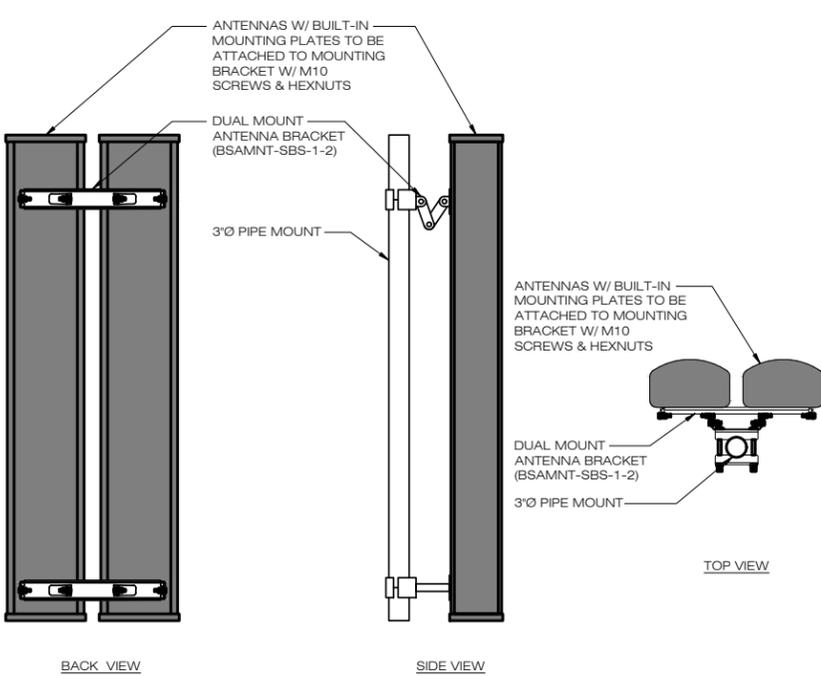


2 ANTENNA MOUNTING DETAILS
D-1 SCALE: NTS

ANTENNA MODEL:	"ERICSSON" AIR-3268
PHYSICAL DATA	
LENGTH (L):	22.4"
WIDTH (W):	14.6"
DEPTH (D):	4.9"
WEIGHT W/ MOUNTING BRACKET:	26#

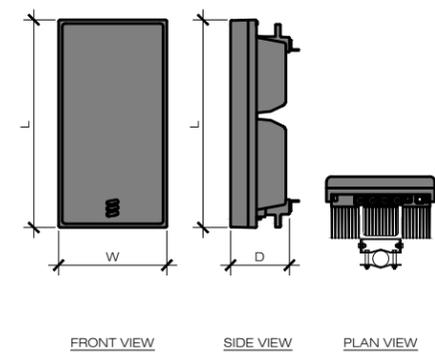


3 AIR-3268 ANTENNA DETAILS
D-1 SCALE: NTS



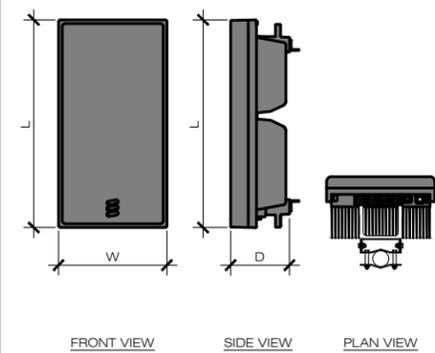
4 DUAL MOUNT ANTENNA BRACKET DETAILS
D-1 SCALE: NTS

ANTENNA MODEL:	"ERICSSON" AIR-6419
PHYSICAL DATA	
LENGTH (L):	31.3"
WIDTH (W):	16.1"
DEPTH (D):	9.1"
WEIGHT W/O MOUNTING BRACKET:	63#
WEIGHT W/ MOUNTING BRACKET:	75#



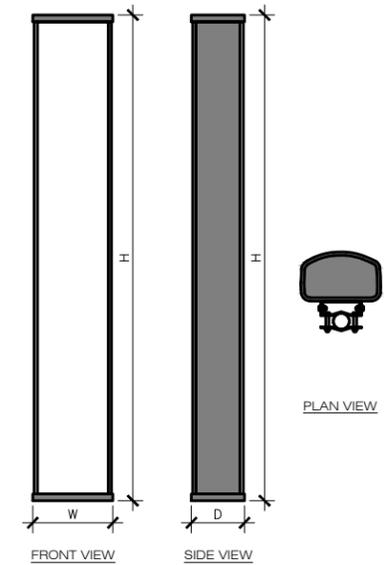
5 AIR-6419 ANTENNA DETAILS
D-1 SCALE: NTS

ANTENNA MODEL:	"ERICSSON" AIR-3283
PHYSICAL DATA	
LENGTH (L):	47.2"
WIDTH (W):	20"
DEPTH (D):	10.9"
WEIGHT W/O MOUNTING BRACKET:	104#



6 AIR-3283 ANTENNA DETAILS
D-1 SCALE: NTS

ANTENNA MODEL:	"COMMSCOPE" NHH-65B-R2B
PHYSICAL DATA	
LENGTH (L):	72.0"
WIDTH (W):	11.9"
DEPTH (D):	7.1"
WEIGHT W/O MOUNTING BRACKET:	44#
WEIGHT W/ MOUNTING BRACKET:	58#



7 NHH-65B-R2B ANTENNA DETAILS
D-1 SCALE: NTS

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APPROVED
by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

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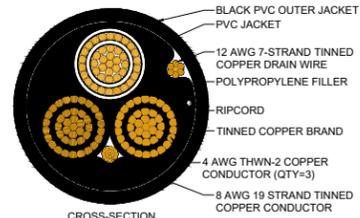
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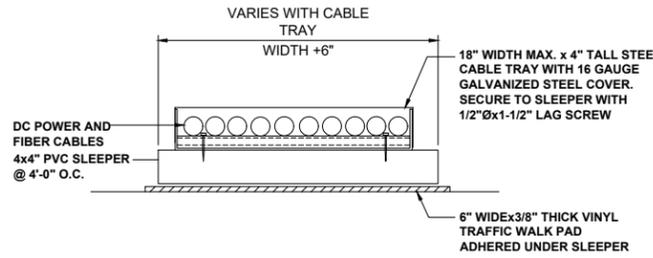
D-1



COMMSCOPE PWRT-604-S OR EQUAL REMOTE RADIO HEAD POWER CABLE, 3 CONDUCTOR WITH SHIELD, 4 AWG	
CONSTRUCTION TYPE	NON-ARMORED
JACKET COLOR	BLACK
DIMENSIONS	
CABLE WEIGHT	1.860 kg/m 1.250 lb/ft
DIAMETER OVER DIELECTRIC	8.077 mm 0.318 in
JACKET THICKNESS	2.032 mm 0.08 in
ELECTRICAL SPECIFICATIONS	
CONDUCTOR DC RESISTANCE	0.26 ohms/ft 0.853 ohms/km
SAFETY VOLTAGE RATING	600V
ENVIRONMENTAL SPECIFICATIONS	
ENVIRONMENTAL SPACE	UV RESISTANT FOR OUTDOOR AND/OR DIRECT BURIAL INSTALLATIONS
OPERATING TEMPERATURE	-40 °C TO +90 °C (-40 °F TO +194 °F)
SAFETY STANDARD	NEC ARTICLE 336 (TYP TC-ER)
REGULATORY COMPLIANCE/CERTIFICATIONS	ISO 9001:2015

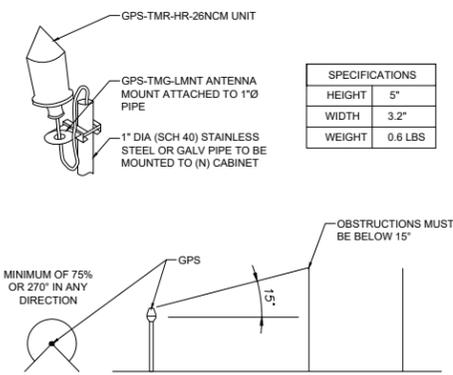
1 NEW POWER TRUNK
D-2 SCALE: NTS

STEEL CABLE TRAY SYSTEM BY B-LINE SERIES 248 LADDER TYPE MATERIAL - HOT DIPPED GALVANIZED, 18 GAUGE RUNG SPACING 12" O.C. WITH 16 GAUGE STEEL COVERS



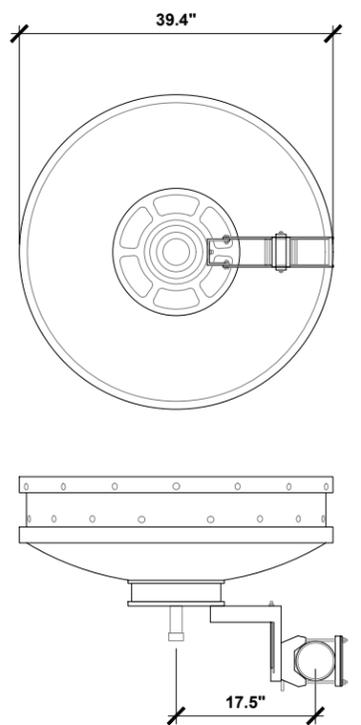
2 CABLE TRAY
D-2 SCALE: NTS

NOTE:
1. THE GPS ANTENNA MOUNT IS DESIGNED TO FASTEN TO A STANDARD 1"Ø, SCH. 40, GALVANIZED S.S. STEEL PIPE. THE PIPE MUST NOT BE THREADED AT THE ANTENNA MOUNT END. THE PIPE SHALL BE CUT TO THE REQ'D LENGTH 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 DEBARRED.
2. 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" OF LEVEL.
3. DO NOT SWEEP TEST GPS ANTENNA.



3 GPS UNIT DETAIL
D-2 SCALE: NTS

MANUFACTURER: COMMSCOPE
PART # VHLP3
DIAMETER: 39.4"
DEPTH: 23.1"
OFFSET: 17.5"
WEIGHT: 53.0 LBS



4 MICROWAVE ANTENNA DETAIL
D-2 SCALE: NTS

Product Datasheet
RADIO FREQUENCY SYSTEMS
The Clear Choice®

Group Datasheet HB114-U6512-xxx-LJ Series
HYBRIFLEX™ RRH Hybrid Cable Solution 6x12, 6AWG Low-Inductance, 1-1/4", Single-Mode Fiber With DLC Connectors

Product Description
RFS' HYBRIFLEX Remote Radio Head (RRH) hybrid feeder cabling solution combines optical fiber and DC power for RRHs in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRH deployments.

Technical Specifications

Structure	Corrugated Aluminum	(mm [in])	36.0 (1.42)
Outer Conductor Armor	Corrugated Aluminum	(mm [in])	36.0 (1.42)
Jacket	Flame Retardant Individual and External Jacket	(mm [in])	39.0 (1.54)
UL Protection	Individual and External Jacket		Yes
Mechanical Properties			
Weight, Approximate	(kg/m [lb/ft])		2.52 (1.70)
Minimum Bending Radius, Single Bending	(mm [in])		152 (6)
Minimum Bending Radius, Repeated Bending	(mm [in])		254 (10)
Recommended/Maximum Clamp Spacing	(m [ft])		1.0 / 1.2 (3.25 / 4.0)
Electrical Properties			
DC-Resistance Outer Conductor Armor	(Ω/km [Ω/1000ft])		0.9 (0.27)
DC-Resistance Power Cable, 13.3mm² (6AWG)	(Ω/km [Ω/1000ft])		1.4 (0.42)
Inductance @ 100MHz	(µH/m [µH/ft])		< 3.19 (0.08)
Fiber Optic Properties			
Version	Single-mode		
Quantity, Fiber Count			24 (12 pairs)
Core/Clad			9/125
Primary Coating (Acrylate)	(µm)		245
Secondary Coating Diameter, Nominal	(µm)		900
Minimum Bending Radius	(mm [in])		137 (5.4)
Optical Loss @ wavelength 1310nm	(dB/km)		0.5
Optical Loss @ wavelength 1550nm	(dB/km)		0.5
DC Power Cable Properties			
Size (Power)	(mm² [AWG])		13.3 (6)
Quantity, Wire Count (Power)			12 (6 concentric wires)
Size (Alarm)	(mm² [AWG])		0.8 (18)
Quantity, Wire Count (Alarm)			18 (9 stranded pairs)
Type	PVC/Aluminum		
Primary Jacket Diameter, Nominal	(mm [in])		39.0 (1.54)
Environment	(°C [°F])		-20 to +65 (-4 to +149)
Installation Temperature	(°C [°F])		-40 to +65 (-40 to +149)
Operation Temperature	(°C [°F])		-40 to +65 (-40 to +149)
Storage Temperature	(°C [°F])		-40 to +70 (-40 to +158)
Standards (meets or exceeds)			UL 2882 Type RHC, UL Listed
Jacket			UL Listed Type OFNR (UL1666), RoHS Compliant
Fiber Optic			UL Listed Type OFNR (UL1666), RoHS Compliant
Alarm Wires			UL Standard 1062, 1581 VW-1, MTH Oil and Gasoline RES1
Power Wires			SURRES (Cable meets UL requirements), RoHS/REACH Compliant
Power Wires			For use in Type RHC, per UL 2882, PVC/Nylon, RoHS/REACH Compliant

RFS The Clear Choice®
HB114-U6512-xxx-LJ series | Print Date: 12.6.2015 | Rev: P4 | Rev Date: 12.6.2015
www.rfsworld.com

5 6X12 LOW INDUCTANCE CABLE
D-2 SCALE: NTS

Product Datasheet
RADIO FREQUENCY SYSTEMS
The Clear Choice®

Group Datasheet HB114-U6512-xxx-LJ Series
HYBRIFLEX™ RRH Hybrid Cable Solution 6x12, 6AWG Low-Inductance, 1-1/4", Single-Mode Fiber With DLC Connectors

Ordering Information

Length, ft*	Model Number	Length, ft*	Model Number	Length, ft*	Model Number
15	HB114-U6512-15-LJ	230	HB114-U6512-230-LJ	450	HB114-U6512-450-LJ
20	HB114-U6512-20-LJ	240**	HB114-U6512-240-LJ	460	HB114-U6512-460-LJ
30	HB114-U6512-30-LJ	250	HB114-U6512-250-LJ	470	HB114-U6512-470-LJ
40	HB114-U6512-40-LJ	260	HB114-U6512-260-LJ	480	HB114-U6512-480-LJ
50	HB114-U6512-50-LJ	270**	HB114-U6512-270-LJ	490	HB114-U6512-490-LJ
60	HB114-U6512-60-LJ	280	HB114-U6512-280-LJ	500	HB114-U6512-500-LJ
70	HB114-U6512-70-LJ	290	HB114-U6512-290-LJ	510	HB114-U6512-510-LJ
80	HB114-U6512-80-LJ	300	HB114-U6512-300-LJ	520	HB114-U6512-520-LJ
90**	HB114-U6512-90-LJ	310	HB114-U6512-310-LJ	530	HB114-U6512-530-LJ
100	HB114-U6512-100-LJ	320	HB114-U6512-320-LJ	540	HB114-U6512-540-LJ
110	HB114-U6512-110-LJ	330	HB114-U6512-330-LJ	550	HB114-U6512-550-LJ
120**	HB114-U6512-120-LJ	340	HB114-U6512-340-LJ	560	HB114-U6512-560-LJ
130	HB114-U6512-130-LJ	350	HB114-U6512-350-LJ	570	HB114-U6512-570-LJ
140	HB114-U6512-140-LJ	360	HB114-U6512-360-LJ	580	HB114-U6512-580-LJ
150**	HB114-U6512-150-LJ	370	HB114-U6512-370-LJ	590	HB114-U6512-590-LJ
160	HB114-U6512-160-LJ	380	HB114-U6512-380-LJ	600	HB114-U6512-600-LJ
170	HB114-U6512-170-LJ	390	HB114-U6512-390-LJ	610	HB114-U6512-610-LJ
180**	HB114-U6512-180-LJ	400	HB114-U6512-400-LJ	700	HB114-U6512-700-LJ
190	HB114-U6512-190-LJ	410	HB114-U6512-410-LJ	800	HB114-U6512-800-LJ
200	HB114-U6512-200-LJ	420	HB114-U6512-420-LJ	900	HB114-U6512-900-LJ
210**	HB114-U6512-210-LJ	430	HB114-U6512-430-LJ	1000	HB114-U6512-1000-LJ
220	HB114-U6512-220-LJ	440	HB114-U6512-440-LJ		

* Length in "L" shown in product drawings. ** Quick Ship Model - Contact RFS for details.

Product Drawing

Related Information
View factory test results on-line simply by entering the product serial number. See how RFS' HYBRIFLEX installation tools can simplify and improve field work for you today.

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SHEET TITLE:
DETAILS
D-2

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APPROVED

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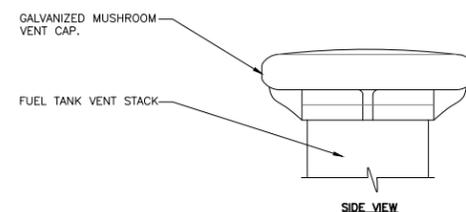
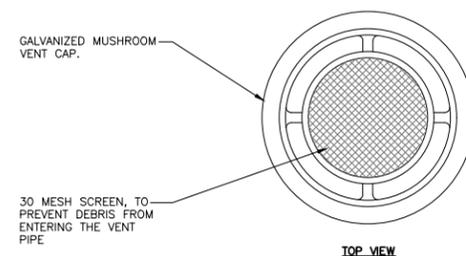
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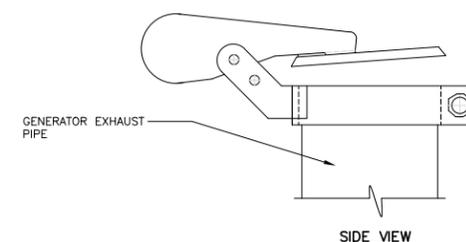
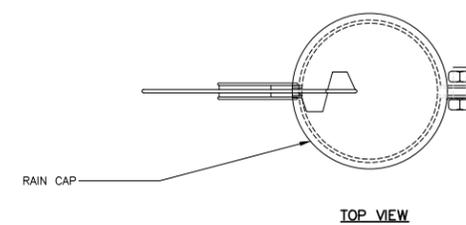
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SHEET TITLE:
DETAILS

D-3

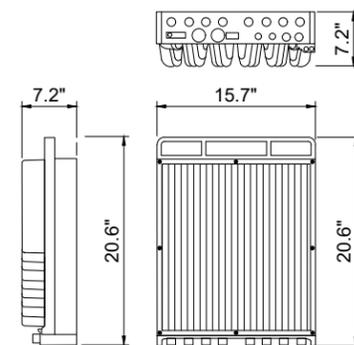


1
D-3
VENT STACK MUSHROOM CAP
SCALE: NTS

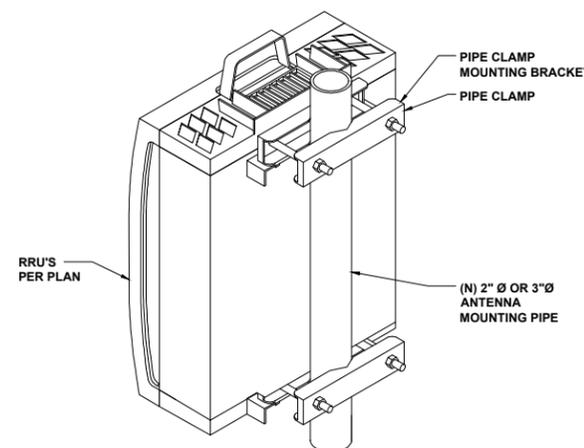


2
D-3
EXHAUST RAIN CAP
SCALE: NTS

MANUFACTURER: ERICSSON
MODEL NUMBER: RRU5 4490
TOTAL WEIGHT: 68.4 LBS.
POWER: 4x60 W
RF PORT: 4 Common

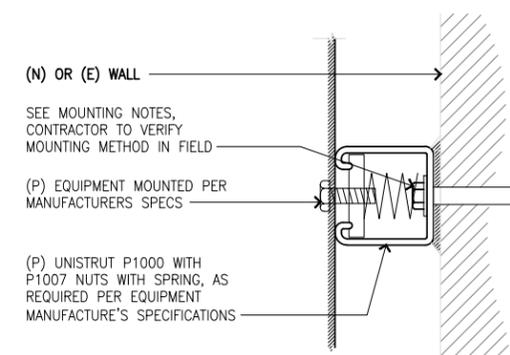


6
D-3
RRUs DETAIL
SCALE: NTS



7
D-3
RRUs STD MOUNTING DETAIL
SCALE: NTS

MOUNTING NOTES:
1. FOR SOLID CMU MASONRY BLOCK WALL USE: 1/2"Ø HILTI HIT HY-70 WITH 4 1/2" EMB @ 16" O.C. (ESR-2682)



8
D-3
EQUIPMENT WALL MOUNTING DETAIL
SCALE: NTS



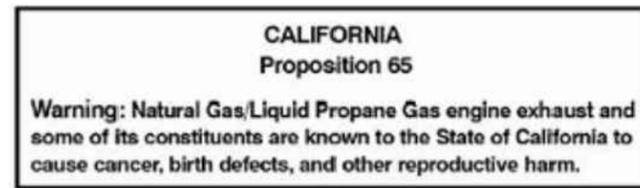
SIGN DIMENSIONS: 8" TALL x 12" WIDE

1 D-4 DANGER COMBUSTIBLE LIQUIDS SIGNAGE
SCALE: NTS



SIGN DIMENSIONS: 14" TALL x 10" WIDE

2 D-4 BATTERY WARNING SIGN
SCALE: NTS



SIGN FONT: 72-POINT FONT

SIGN DIMENSIONS: 7" TALL x 10" WIDE

PROP. 65 WARNING SIGN

3 D-4 PROP. 65 WARNING SIGN
SCALE: NTS

NOTE: GC TO CONFIRM WITH THE RFE/EME STUDY DOCUMENT WHICH WARNING PLACARD(S) IS/ARE NEEDED, WHERE TO BE INSTALLED AND, IF NOT REQUIRED, TO NOT INSTALL ONE



SIGN DIMENSIONS: 8" TALL x 12" WIDE

4 D-4 RF CAUTION SIGN
SCALE: NTS

NOTE: GC TO CONFIRM WITH THE RFE/EME STUDY DOCUMENT WHICH WARNING PLACARD(S) IS/ARE NEEDED, WHERE TO BE INSTALLED AND, IF NOT REQUIRED, TO NOT INSTALL ONE



SIGN DIMENSIONS: 8" TALL x 12" WIDE

NOC INFORMATION SIGN

5 D-4 NOC INFORMATION SIGN
SCALE: NTS

NOTE: GC TO CONFIRM WITH THE RFE/EME STUDY DOCUMENT WHICH WARNING PLACARD(S) IS/ARE NEEDED, WHERE TO BE INSTALLED AND, IF NOT REQUIRED, TO NOT INSTALL ONE



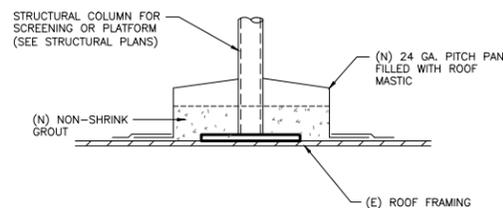
SIGN DIMENSIONS: 8" TALL x 12" WIDE

6 D-4 RF WARNING SIGN
SCALE: NTS



NOTE: GC TO CONFIRM WITH THE RFE/EME STUDY DOCUMENT WHICH WARNING PLACARD(S) IS/ARE NEEDED, WHERE TO BE INSTALLED AND, IF NOT REQUIRED, TO NOT INSTALL ONE

7 D-4 RF GUIDELINE SIGN
SCALE: NTS



NOTES:
1. CONTRACTOR TO VERIFY LOCATION OF BEAMS AND LOCATE COLUMN OVER TOP AS NECESSARY.
2. ALL FLASHING TO BE PER CURRENT SMACNA STANDARDS.

8 D-4 PITCH POCKET DETAIL
SCALE: NTS

9 D-4 NOT USED
SCALE: NTS

ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
2	01/21/2026	WATTNODE UPDATE	AP

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APPROVED
by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAL Group
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Kirkland, WA 98033

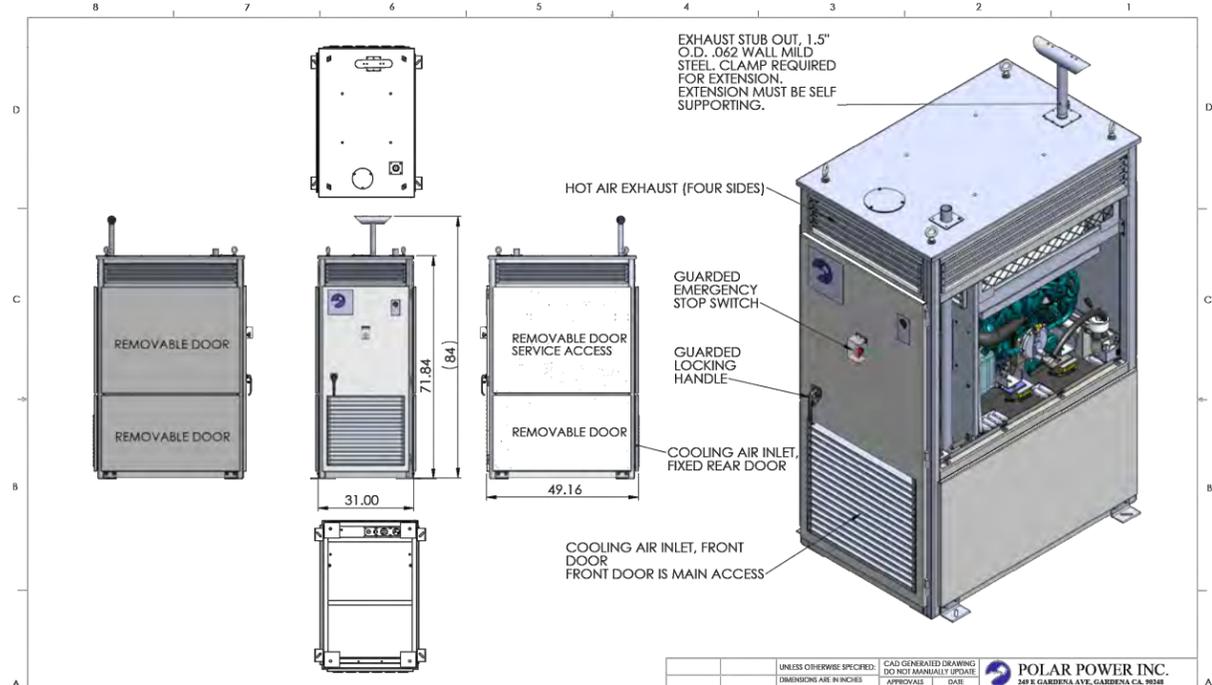
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PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:
DETAILS

D-4



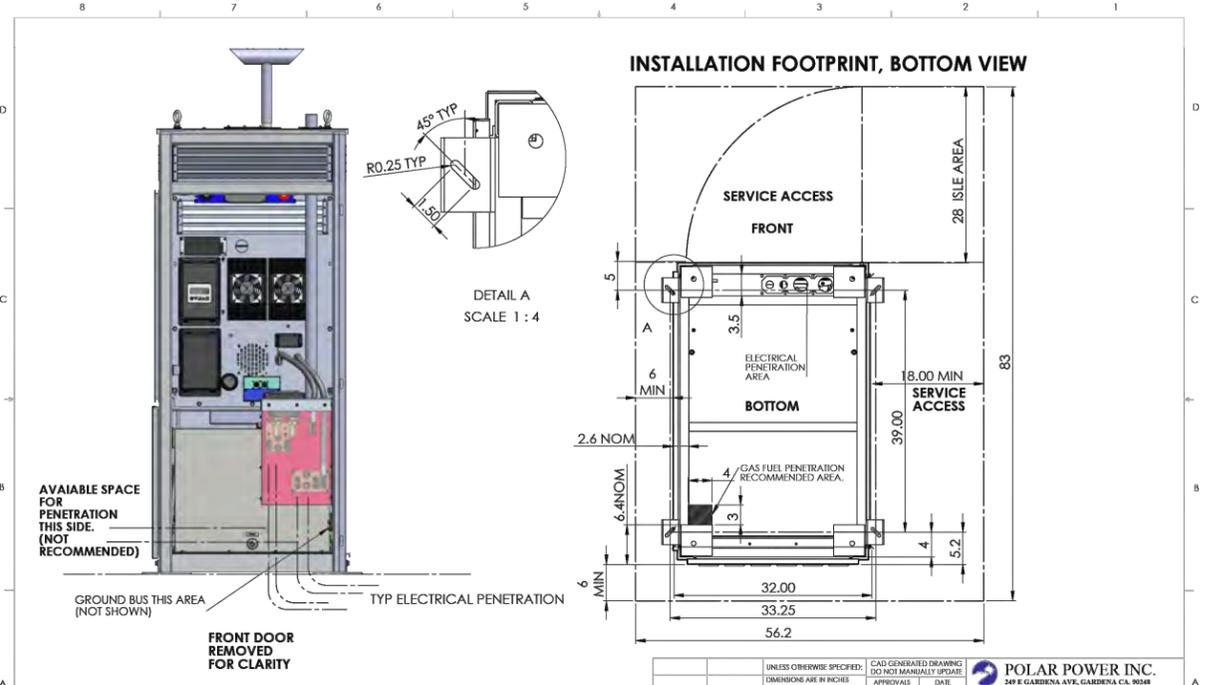
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INITIAL RELEASE					

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1/16" 1/32" 1/64" 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 3" 4" 6" 8" 12" 18" 24" 30" 36" 48" 60" 72" 96" 120"				
MATERIAL	ENG APPR.			
	MFG APPR.			
	QA			

POLAR POWER INC.
249 E. GARDENA AVE., GARDENA, CA 90248

SIZE: DWG. NO. REV
B 88-25-0603 A-3

SCALE: 1:24 WEIGHT: SHEET 1 OF 5



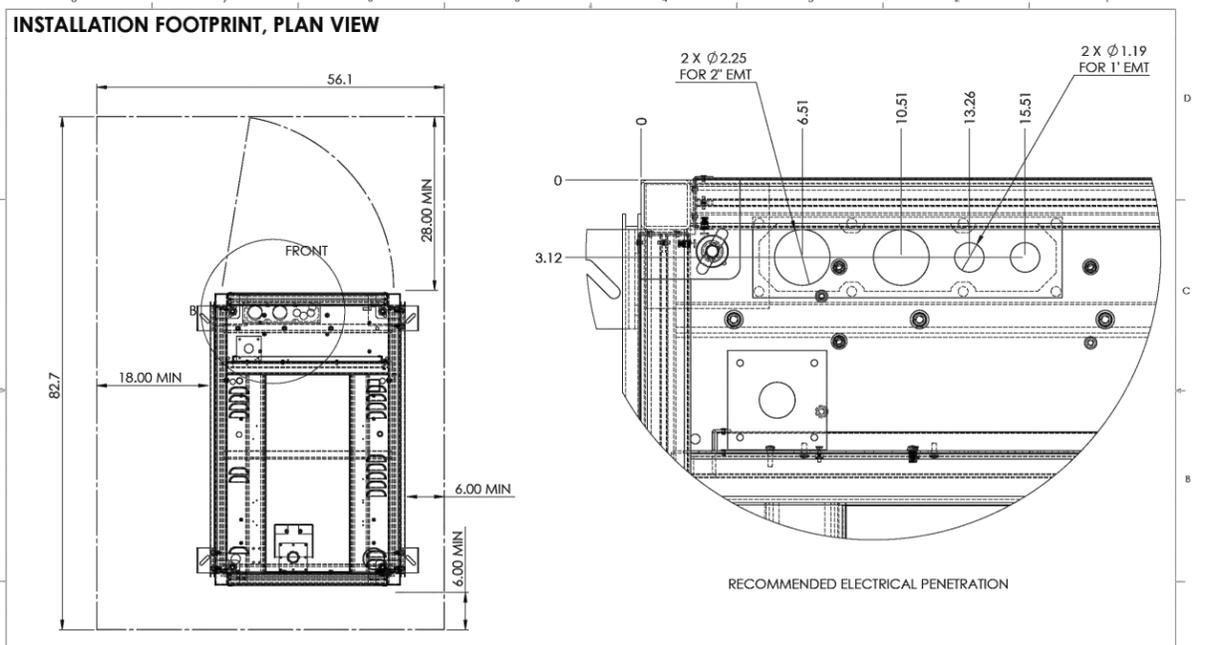
REV	DESCRIPTION	ECOR	BY	DATE	COMMENTS
INITIAL RELEASE					

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MATERIAL	ENG APPR.			
	MFG APPR.			
	QA			

POLAR POWER INC.
249 E. GARDENA AVE., GARDENA, CA 90248

SIZE: DWG. NO. REV
B 88-25-0603 A-3

SCALE: 1:24 WEIGHT: SHEET 2 OF 5



REV	DESCRIPTION	ECOR	BY	DATE	COMMENTS
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DIMENSIONS ARE IN INCHES TOLERANCES ARE:				
FRACTIONS DECIMALS ANGLES			1/22/2015	ALUMINUM VERTICAL ENCLOSURE, 72 IN
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MATERIAL	ENG APPR.			
	MFG APPR.			
	QA			

POLAR POWER INC.
249 E. GARDENA AVE., GARDENA, CA 90248

SIZE: DWG. NO. REV
B 88-25-0603 A-3

SCALE: 1:24 WEIGHT: SHEET 3 OF 5

1 GENERATOR SPECIFICATIONS
D-5 SCALE: NTS

ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
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CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

Sara Durghalli
by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAL Group

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PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504

CONSTRUCTION DRAWINGS

SHEET TITLE:
DETAILS

D-5

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APPROVED

by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

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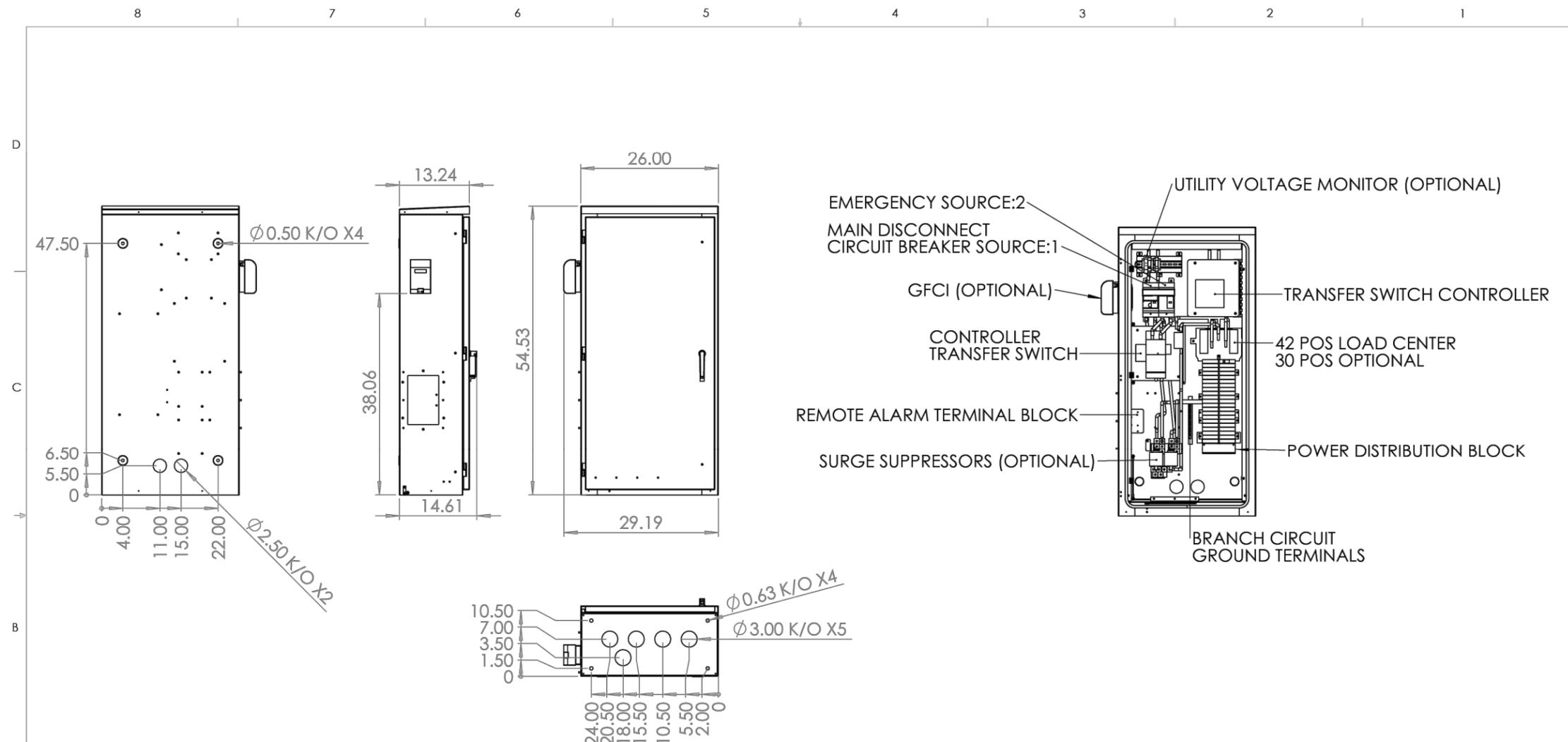


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**BRIGHTON
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BURBANK, CA 91504
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NOTES:

1. ALL COMPONENTS AND MATERIALS MUST BE RoHS COMPLIANT. RoHS CERTIFICATION TO BE PROVIDED.
2. THE I12200-30_42-ATS-3R_REVA.PDF DRAWING IS THE CONTROLLING DOCUMENT FOR PART IDENTIFICATION ONLY. REFER TO THE BOM CONTAINED WITHIN THE .PDF DRAWING FOR COMPONENT PART IDENTIFICATION AND APPLICABLE REVISION. REFER TO MANUFACTURING DOCUMENTATION OF INDIVIDUAL COMPONENTS FOR CREATION OF ALL PARTS.
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	TITLE: CONFIG, PTLC, ATS, 1-PHASE, 30 / 42-POS LOAD CENTER, SS-SURGE, 54X26X12, 0.090 5052-H32 ALM			
THIRD ANGLE PROJECTION 	DRAWN BY: Francesco DRAWN DATE: 3/4/2024	SIZE: B DWG. NO.: I12200-30_42-ATS-3R	REV: A	SCALE: 1:18 SHEET 1 OF 1



CMC74-36EE Equipment Cabinet



The cabinet is designed to combine wireless telecom power equipment. Supports a wide range of DC power systems, Fiber slack tray, cell site routers, and servers equipped by customer. This cabinet provides mechanical and environmental protection for the equipment inside. Cooling of active equipment is achieved by DC rated 4000W Air Conditioner with built in EVS (Emergency Ventilation System).

- Excellent Thermal Performance on both Heat Exchanger and Air Conditioner options
- Built-in EVS (Emergency Ventilation System) on the Air Conditioner
- Provide enough space for the Power system and other network servers.
- Provide option for security/access control via Puck Lock system.
- Provide flexible access for the cable entrance.
- Provide lift-off rear door panel for full rear access
- Provide heater solution for the cold ambient application.
- Provide flexible configurations to give best in class maximum equipment rack mounting space (Up to 49 total RU)
- Platform products to share many parts including plinth, solar shield, and hybrid cable storage units.
- Excellent cable management system.

Deactivated PN# 760254282 (HVAC R134a)
 Replacement PN# 74B0-D17-A00D00-01 (HVAC R513a)

General Specifications

Width / Depth / Height	36" x 37" x 74"
Enclosure Weight	640kg (141lbs.)
Access	Bottom: Power compartment Side Wall: Fiber, Power, or other cables compartment Rear Wall: Hybrid Cables Top Roof: Alternative Hybrid Cable entrance
Door Security	Front door: Swing Handle, Puck Lock System Rear door: Quarter Turn Lock with lift off hinges, Puck Lock System
Cooling Option	DC Rated 4000W Air Conditioner Or 420W/k Thermosiphon unit for equipment compartment
Heater	500W built in Air Conditioner
Total Equipment Thermal Capacity	4000W
Finish	UV-resistant powder coat; standard finish color is RAL 7035 light grey
Material Type	Aluminum



CMC74-36EE Equipment Cabinet

Rack Type	19-inch and 23-inch EIA
Rack Units (RU)	Total capacity: 49RU (Horizontal 40RU + Vertical 9RU) Power System Fiber Slack Tray Other Customer installed Equipment
Battery Type	3 strings of VRLA batteries from Multiple OEM

Electrical Specifications

Power System	Universally supports multiple -48VDC OEM Power Plants and Distribution
GFCI Outlet	20AMP, 125Volt Receptacle/Outlet, Compliant with UL943 Self-Test Requirement
Input Power Supply	Big Range of AC Input Voltage 95-305Vac, Support Variations of +/-10%
Alarms and Sensors	66-block, Bridged, 25PR*2 or standard and user defined alarms HVAC alarms (including high temperature, Failure) Door open (both front and side doors) Rectifier Failure AC Power Failure Overheat
Battery Compartment	2 battery shelves that can house up to 3 strings of -48V batteries

Connectivity Specifications

Fiber Slack Tray	Universally supports multiple OEM 19" mounted fiber tray
-------------------------	--

Mechanical Specifications

Mounting	Mounts directly to concrete block (to be prepared on site) or alternative Plinth
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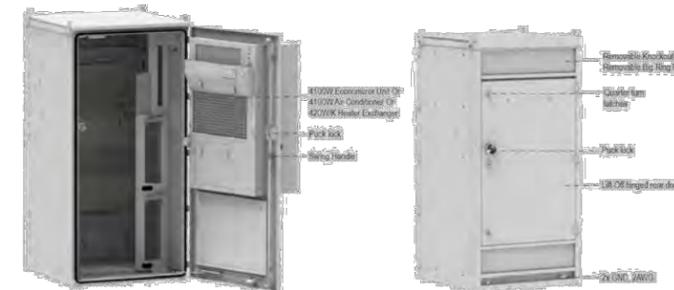
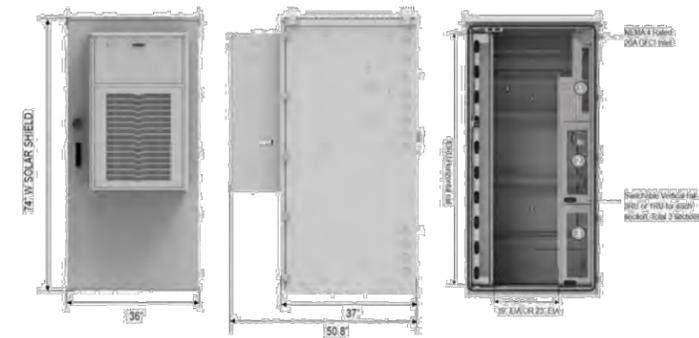
Environmental Specifications

Operating Temperature	-40 °F to 115 °F (-40 °C to 46 °C) continuous operation
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
Humidity	0 to 95%, non-condensing
Acoustic Noise	60dBA
Qualification Standards	GR487 Seismic Zone 4 compliant IP55
Classification	Designed, manufactured and/or distributed under this quality management system
Agency	ISO 9001:2015



CMC74-36EE Equipment Cabinet

Cabinet Layout



ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
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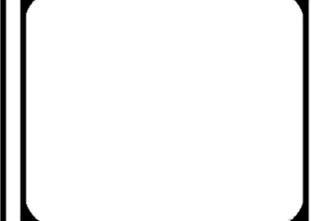
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APPROVED
Sara Durghalli
 by: Sara Durghalli, Assistant Planner
 Project No. 25-0001951 Date: 2/28/26



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PROJECT ID: 17344152
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CONSTRUCTION DRAWINGS

SHEET TITLE:
DETAILS

D-7





CMC74-36B Battery Cabinet, NICAD



The cabinet is designed to accommodate 6 strings of -48V NICAD batteries into one cabinet. This cabinet provides mechanical and environmental protection for the equipment inside. Thermal regulation of batteries is achieved by DC rated 1000W heater.

- Excellent thermal performance to ensure the battery could be applied in harsh environments.
- Provide option for security/access control via Puck Lock system.
- Provide flexible access for the cable entrance.
- Provide lift-off rear door panel for full rear access
- Provide flexible heater solution for the cold ambient application.
- Platform products to share many parts including plinth, solar shield, and hybrid cable storage units.
- Excellent cable management system.

Deactivated PN# 760250963
Replacement PN# 74B6N-D19-A00D00-1

General Specifications

Width / Depth / Height	36" x 37" x 74"
Enclosure Weight	448kg(987lbs.)
Access	Bottom: Power compartment Side Wall: Fiber, Power, or other cables compartment Rear Wall: Hybrid Cables Top Roof: Alternative Hybrid Cable entrance
Door Security	Front door: Swing Handle, Puck Lock System Rear door: Quarter Turn Lock with lift off hinges, Puck Lock System
Thermal Option	DC Rated 1000W Heater Battery Compartment
Heater	1000W
Total Equipment Thermal Capacity	1000W
Finish	UV-resistant powder coat; standard finish color is RAL 7035 light grey
Material Type	Aluminum
Battery Type	6 strings of -48V NICAD batteries from SAFT OEM (Batteries not supplied by ANDREW)



CMC74-36B Battery Cabinet, NICAD

Electrical Specifications

GFCI Outlet	20AMP, 125Volt Receptable/Outlet, Compliant with UL943 Self-Test Requirement
Input Power Supply	Big Range of AC Input Voltage95-305Vac, Support Variations of +/-10% S2 module, 20P or standard and user defined alarms HVAC alarms (including high temperature, Failure) Door open (both front and side doors) Rectifier Failure AC Power Failure Overheat
Alarms and Sensors	
Battery Compartment	6 strings of -48V NICAD batteries from SAFT OEM (Batteries not supplied by ANDREW)

Mechanical Specifications

Mounting	Mounts directly to concrete block (to be prepared on site) or alternative Plinth
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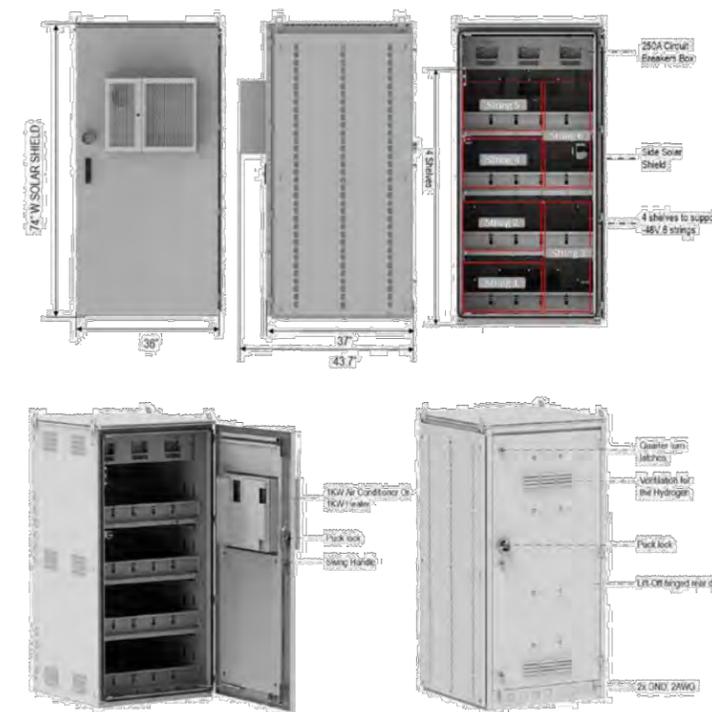
Environmental Specifications

Operating Temperature	-40 °F to 115 °F (-40 °C to 46 °C) continuous operation
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
Humidity	0 to 95%, non-condensing
Acoustic Noise	60dBA
Qualification Standards	GR487 Seismic Zone 4 compliant IP55 ETL4007237 Certification, Confirms To ANSI/UL STD 62638-1, UL SUB 1801
Classification	Designed, manufactured and/or distributed under this quality management system
Agency	ISO 9001:2015



CMC74-36B Battery Cabinet, NICAD

Cabinet Layout



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APPROVED

by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

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SAFT T-210 REV A

P/N: 80-94890-02

Tel.X-Plus 180 (5x8 Cell Block) Environmental Overview




T-210 REV A Page 3 of 6

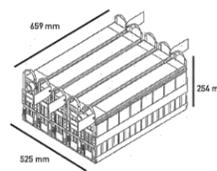
SAFT T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 1- Tel.X-Plus 180 Specifications

String Part Number: 80-94890-02

Dimensions per String:

Length	25.9 in	659 mm
Width	20.7 in	525 mm
Height	10.0 in	254 mm
Weight	365 lb	165.5 kg



String Nominal Capacity / Energy: 172 Ah / 8.2 kWh

Performance after 24-hour constant voltage float charge to 1.43VDC per cell at +25°C (+77°F) with a minimum charge current of 0.1 C_{Amp} down to various end of discharge voltages

End of Discharge Voltage (VDC/CeH)	1	2	3	4	5	6	7	8	9	10	12	14	16	20
1.00	342.0	290.0	178.0	100.0	60.0	45.1	36.2	22.8	18.0	15.4	13.7	9.2	8.2	
1.05	330.0	282.0	170.0	87.0	58.5	44.0	35.0	22.2	18.0	15.1	13.3	7.95		
1.10	287.5	235.0	130.0 ¹	84.0	57.5	43.1	34.0	21.6	17.4	14.7	13.1	7.75		
1.14	225.0	180.0	100.0	60.0	55.0	41.4	33.2	20.9	16.9	14.2	9.7	7.5		

End of Discharge Voltage (VDC/CeH) vs. Discharge rate (Amp-hr)

End of Discharge Voltage (VDC/CeH) vs. Discharge rate (Amp-hr)

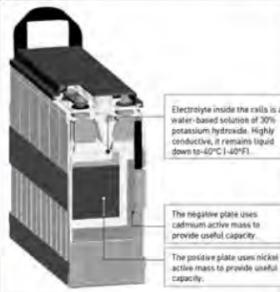
* 0.1 C_{Amp} for TLX180 equates to 17.2Amps
 ** Derating factor for 1-hour discharge rate at +9°C (+47°F) to 1.1VDC/cell is 78%
 Power cable selection: The selection of power cables used within the installation of Saft Batteries is a function of:
 1- Installation location: dry, damp, or wet (as defined by the NEC code)
 2- Maximum ambient operating temperature
 3- Maximum sustained current (ampage) applied during charge or discharge
 Follow standards mandated by the application such as IEC6037

T-210 REV A Page 3 of 6

SAFT T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 2- Metal and Electrolyte Calculations

Cadmium metal (Weight per String)	65.2 lb	29.57 kg
Nickel metal (Weight per String)	64.8 lb	29.39 kg
Cobalt metal (Weight per String)	6.0 lb	2.72 kg
Cadmium metal %		17.62%
Nickel metal %		17.51%
Cobalt metal %		1.62%
Electrolyte %		73.9%
Other Materials % (Metal Connectors, Plastic, etc.)		-40%



Electrolyte Solution (bound and free) pounds per String: 87.2 lb

Electrolyte Solution (bound and free) gallons per String: 8.90 gallons

Electrolyte inside the cells is a water-based solution of 30% potassium hydroxide. Highly conductive, it remains liquid down to -60°C (-40°F).

The negative plate uses cadmium active mass to provide useful capacity.

The positive plate uses nickel active mass to provide useful capacity.

T-210 REV A Page 4 of 6

SAFT T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 3- Tel.X- Plus 180 Gassing

Op. type	VPC	(°C / °F)	H ₂ per cell (l/h)	H ₂ per 40-cell string (l/h)	H ₂ cfm x 10 ⁻³ x C (l)	H ₂ cfm x 10 ⁻³ x C (l) per 40-cell string
Float	1.45	+25 / +77	0.0000240	0.00096	0.00008	0.00328
Float	1.45	+45 / +113	0.0013100	0.05240	0.00448	0.17931
Float	1.45	+60 / +140	0.0102200	0.40880	0.03497	1.39890

- During normal operation, hydrogen gas, oxygen gas, and water vapor are exhausted through the cell vent. Exhausted gases result in the electrolyte's water consumption.
- Gassing from electrolysis occurs mainly during overcharging and, to a lesser degree, during float charging. It will not occur during battery storage, normal discharging, or during the early re-charging stage (cell voltage must rise above 1.23 VDC for electrolysis to take place).
- During overcharging, electrolysis occurs with a fixed stoichiometry rate of 1 cm³ of water consumed for every 3 Ah of overcharge. For every 1 cm³ of water electrolyzed and exhausted, approximately 690 cm³ of oxygen is generated on the positive electrodes and 1380 cm³ of hydrogen on negative electrodes.

Section 4- Short Circuit

A battery's short circuit current is dependent on its state of charge and internal temperature.

- A fully charged Tel.X-Plus battery string can deliver a short circuit current in excess of 10 C_A (i.e.: a 172 Ah Tel.X-Plus battery string can generate a short circuit current of 1720 Amps).
- Short circuit currents through an electrical conductor of any kind are high enough to melt metal and plastic. It is therefore important to your safety that all conductive jewelry or alike (rings, watches, bracelets, etc.) are removed before installing a battery.

T-210 REV A Page 5 of 6

SAFT T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 5- Specifications and Design Standards

Conforms with quality, safety, and environmental standards



Meets the highest international standards, including:

Electrical and performance

- IEC 60923 compliant - Secondary cells and batteries containing alkaline or other non-acid electrolytes - vented nickel-cadmium prismatic rechargeable single cell
- Telcordia GR-8020 compliant - Nickel-cadmium batteries in the outside plant
- NFC 15-100 compliant - Low-voltage electrical installations

Safety

- EN 50272-2/IEC 62485-2 - Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries
- UL 94 V0: UL standard for flammability safety of plastic materials for parts in devices and appliances testing
- UL 1989 - Safety for standby batteries certified by Intertek
- Telcordia - GR 43 NEBS (level 3 - NEBS requirements for physical protection)
- Telcordia - GR 1089 NEBS level 3 - Electromagnetic compatibility and electrical safety - generic criteria for network telecommunications equipment

Quality

- ISO 9001
- Saft world class continuous program

Environment

- Fully recyclable
- RoHS - Although batteries and accumulators are not within the scope of the RoHS directive, Saft has taken voluntary measures to ensure that the substances prohibited by RoHS are not present in the battery, except for the electro-chemical core
- REACH - The Saft Group has adopted internal procedures to ensure conformity with the European REACH (Registration, Evaluation, Authorization, and Restriction of Chemical Substances) Regulation

T-210 REV A Page 6 of 6

1 BATTERY SPECIFICATIONS
D-9 SCALE: NTS

ISSUE STATUS

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0	02/28/2025	90% CD REVIEW	AP
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CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

Sara Durghalli, Assistant Planner
 Project No. 25-0001951 Date: 2/28/26

TRIAL Group

9010 112th Avenue NE
Kirkland, WA 98033

PROPRIETARY INFORMATION

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15505 SAND CANYON AVENUE
IRVINE, CA 92618

BRIGHTON MACRO

PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504

CONSTRUCTION DRAWINGS

SHEET TITLE:
DETAILS

D-9

GENERAL NOTES

1. SUBMITTAL OF BIO INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
2. CONTRACTOR SHALL PERFORM ALL FIELD VERIFICATION AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ENGINEER AND OWNER LISTING ALL MALFUNCTIONS, FAULTY, EQUIPMENT, AND DISCREPANCIES.
3. THESE PLANS ARE SCHEMATIC ONLY; CONTRACTOR SHALL FOLLOW AS CLOSELY AS POSSIBLE.
4. ANTENNA MOUNTING HEIGHTS AND AZIMUTHS SHALL BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.
5. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE INDICATED. NOTE THAT CONTRACTOR SHALL SECURE ALL NECESSARY ELECTRICAL PERMITS, AND PAY ALL REQUIRED FEES.
6. IF REQUIRED, CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOK-UP COSTS SHALL BE PAID BY THE CONTRACTOR.
7. ALL MATERIALS AND EQUIPMENT SHALL BE (N) AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. EXCEPTIONS TO THIS MAY BE PERMITTED IF (N) REPLACEMENT BREAKERS OR SWITCHES ARE NOT AVAILABLE FOR ORIGINAL ELECTRICAL DISTRIBUTION EQUIPMENT -- ON THAT CASE. RECONDITIONED EQUIPMENT MAY BE PERMISSIBLE IF IT CARRIES ONE (1) YEAR WARRANTY. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORY AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO SUCK APPROVAL. Materials SHALL MEET WITH APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, AND NBFU.
8. IF CONTRACTOR IS PROPOSING ALTERNATE MATERIALS OR CONSTRUCTION METHODS FROM WHAT IS SPECIFIED IN THE PLANS, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND/OR CATALOG CUT-SHEETS TO OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK.
9. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT NATIONAL CODES (NEC2014) AND ALL LOCAL AND STATE CODES (CEC 2016), LAWS, AND ORDINANCES. PROVIDE ALL COMPONENTS AND WIRING SIZES AS REQUIRED TO MEET NEC.
10. EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANELBOARD, PULLBOX, J-BOX, SWITCH BOX, ETC., IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) REQUIREMENTS.
11. COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE BY OWNER, ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
12. CLEAN WORK SITE DAILY, AND REMOVE ALL DEBRIS RESULTING FROM CONSTRUCTION. LEAVE JOB SITE IN A TIDY AND UNDAMAGED CONDITION.
13. UPON COMPLETION OF WORK, PERFORM CONTINUITY, SHORT CIRCUIT, AND GROUNDING TEST. GROUNDING SYSTEM SHALL BE TESTED BY INDEPENDENT TESTING AGENCY, WITH WRITTEN REPORT SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL. AFTER APPROVAL, FURNISH ONE COPY OF REPORT TO ENGINEER.
14. PROVIDE OWNER WITH ONE SET OF COMPLETE ELECTRICAL "AS BUILT" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL EQUIPMENT LOCATIONS, CONDUIT/CABLE ROUTING, PANEL SCHEDULE, AND OTHER DETAILS WITHIN 10 DAYS OF PROJECT COMPLETION. DATE OF JOB COMPLETION SHALL BE THE DATE ON THE CONTRACTOR'S "NOTICE OF COMPLETION" SUBMITTED TO THE OWNER, AFTER SITE INSPECTION AND SIGNOFF BY OWNER.
15. ALL BROCHURES, OPERATING MANUAL, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO OWNER AT JOB COMPLETION.
16. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
17. PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
18. IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSED THOROUGH THE FLOOR OR WALLS FOR CONDUIT RUNS, PIPE RUNS, ETC., IT MUST BE CLEARLY UNDERSTOOD THAT TENDONS AND/OR REINFORCING STEEL WILL NOT BE DRILLED INTO, CUT, OR DAMAGED UNDER ANY CIRCUMSTANCES.
19. EXACT LOCATION OF TENDONS AND/OR REINFORCING STEEL ARE NOT KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS, SUCH AS X-RAY EQUIPMENT OR OTHER DEVICES THAT CAN ACCURATELY LOCATE THE REINFORCING AND/OR STEEL TENDONS.
20. ALL EXTERIOR WALL PENETRATIONS SHALL BE SEALED WITH SUITABLE WEATHERPROOF SEALANT. PENETRATIONS IN FIRE RATED WALLS SHALL BE FIRE STOPPED IN ACCORDANCE WITH CURRENT LOCAL BUILDING CODES USING U.L. RATED MATERIALS.
21. ALL CONDUCTORS SHALL BE COPPER, #12 AWG MINIMUM. UNLESS NOTED OTHERWISE, INSULATION SHALL BE 90°C RATED, AND DUAL RATED THHN/THWN-2. NO BX OR ROMEX CABLE IS PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
22. ALL CONDUIT ONLY (C.O.) RUNS SHALL HAVE A PULL WIRE OR ROPE, AND TRUE TAPE.
23. GROUND THE ENTIRE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE NEC AND DRAWINGS. BELOW GRADE GROUND CONDUCTORS SHALL BE #2 AWG SOLID BARE TINTED COPPER. ABOVE GRADE, ALL CONDUCTORS SHALL BE STRANDED GREEN INSULATED COOPER, SEIZED #2 AWG OR AS SHOWN IN THE DRAWINGS. GROUND CONDUCTOR SHALL HAVE A MINIMUM 24" BENDING RADIUS. GROUND RODS SHALL BE COPPER CLAD STEEL, 5/8" ROUND AND 8' LONG. GROUNDING HARDWARE SHALL BE ERICO, STORM COPPER COMPONENTS, FUSHI COPPERWELD OR APPROVED EQUAL.
24. GROUND ALL ANTENNA BASES, ENCLOSURES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING GROUND WIRES AND CONNECT TO THE BUS BARS. FOLLOW EQUIPMENT MANUFACTURER'S RECOMMENDATIONS FOR GROUNDING. GROUND COAX SHIELD AT BOTH ENDS USING CABLE MANUFACTURER'S RECOMMENDATIONS.
25. THE NUMBER OF GROUNDING BARS MAY VARY DEPENDING UPON THE SITE LAYOUT, ANTENNA LOCATION, AND OTHER FACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SUFFICIENT GROUNDING BARS AS REQUIRED, PROVIDING 50% SPARE CONNECTION POINTS.
26. EXOTHERMIC WELDS SHALL INCLUDE ALL CABLE TO CABLE, SPLICES, CABLE TO GROUND RODS, GROUND ROD SPLICES AND OTHER SYSTEMS AS INDICATED. ALL MATERIALS USED (MOLDS, WELDING, METAL, ETC.) SHALL BE INSTALLED PER MANUFACTURERS' RECOMMENDATIONS AND PROCEDURES. ALL EXOTHERMIC WELD CONNECTIONS ON GALVANIZED SURFACES SHALL BE CLEANED THOROUGHLY AND COLORED TO MATCH SURFACE WITH (2) TWO COATS OF GALVITE (WHITE) PAINT OR SILVERBRITE (ALUMINUM).
27. ALL STRANDED COPPER WITH GREEN INSULATION TO BE ATTACHED WITH CRIMPED DOUBLE LUG, ATTACHED WITH NUTS, BOLTS AND STAR WASHERS TYPICAL. ALL MECHANICAL CONNECTIONS SHALL HAVE ANTI-OXIDANT GREASE (E.G. NO-OX) APPLIED BETWEEN LUG AND BUS BAR.
28. ALL EXPOSED TINNED COPPER GROUNDS SHALL BE PROTECTED BY 1/2" PVC CONDUIT AND SECURED. WHERE SUBJECT TO MECHANICAL DAMAGE, OTHER GROUND LEADS SHALL ALSO BE ENCLOSED IN 1/2" OR 3/4" LTFC.
29. COMPRESSION FITNESS TO BE USED ON ALL CONDUITS (NO SETSCREWS).
30. PVC CONDUIT INSTALLED IN OUTDOOR LOCATIONS SUBJECT TO SUNLIGHT EXPOSURE SHALL BE UV RESISTANT. SURFACE-MOUNTED CONDUIT INSTALLED IN LOCATIONS SUBJECT TO FOOT TRAFFIC OR OTHER WEAR AND TEAR, SHALL BE PVC SCHEDULE 80, IMC, OR GRC. CONDUIT RUNS ALONG WALLS OR FLOORS SHALL BE SURFACE MOUNTED UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. OTHER CONDUIT REQUIREMENTS:
 - 30.a. INTERMEDIATE METALLIC CONDUIT (IMC) SHALL HAVE U.L. LABEL. FITTINGS SHALL BE WATERTIGHT COMPRESSION TYPE. IMC SHALL BE USED FOR OUTDOOR RUNS, IMC IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO. 3
 - 30.b. ELECTRICAL METALLIC TUBING (EMT) SHALL HAVE U.L. LABEL. FITTINGS SHALL BE GLAND RING COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR RUNS.
 - 30.c. FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE. LENGTH SHALL HAVE FULL SIZE GROUND WIRE.
 - 30.d. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH OF 24" BELOW GRADE.
31. ALL (N) ELECTRICAL ENCLOSURES (EXCEPT FOR JUNCTION OR SPLICE BOXES) SUCH AS PANELBOARDS AND DISCONNECT SWITCHES SHALL BE LABELED WITH PERMANENT ENGRAVED PHENOLIC NAMEPLATES, BLACK WITH WHITE LETTERING, AND ATTACHED WITH RIVETS.

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APPROVED

by: Sara Durghalli, Assistant Planner

Project No. 25-0001951 Date: 2/28/26

TRIAL Group

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ABBREVIATIONS

AAV	ALTERNATE ACCESS VENDOR	GR	GROWTH (CABINET)	UADU	UNIVERSAL TYPE A DIGITAL UNIT
ACCA	ANTENNA CABLE ASSEMBLY	GRC	GALVANIZED RIGID (STEEL) CONDUIT	U/G	UNDERGROUND
AFF	ABOVE FINISHED FLOOR	IGB	INTERNAL GROUND BAR	WP	WEATHERPROOF
AFG	ABOVE FINISHED GRADE	IGR	INTERIOR GROUND RING	WW	WIREWAY
AWS	ADVANCED WIRELESS SERVICES	IMC	INTERMEDIATE METALLIC CONDUIT	XFMR	TRANSFORMER
A/G	ABOVE GROUND	ISCW	INSULATED STRANDED COPPER WIRE		
AGB	ANTENNA GROUND BAR	LTE	LONG TERM EVOLUTION		
ATS	AUTOMATIC TRANSFER SWITCH	LTFC	LIQUID TIGHT FLEXIBLE CONDUIT		
AWG	AMERICAN WIRE GAUGE	MGB	MAIN (OR MASTER) GROUND BAR		
BBU	BASEBAND UNIT	MMBS	MULTI-MODE BASE STATION		
BCW	BARE COPPER WIRE	MTS	MANUAL TRANSFER SWITCH		
BSCW	BARE STRANDED COPPER WIRE	NEC	NATIONAL ELECTRIC CODE		
BTCW	BARE TINNED COPPER WIRE	NID	NETWORK INTERFACE DEVICE		
C	CONDUIT	NV	NETWORK VISION		
CAB	CABINET	O/H	OVERHEAD		
CE	CONCRETE ENCASED	PCS	PERSONAL COMMUNICATION SERVICES		
CGB	COLLECTOR GROUND BAR	PPC	POWER PROTECTION CABINET		
CKT	CIRCUIT	PRC	PRIMARY RADIO CABINET		
COVP	CAPACITOR OVERVOLTAGE PROTECTION	PVC	POLYVINYL CHLORIDE		
DB	DIRECT BURIED	PWR	POWER		
DEI	DIGITAL EXPANSION INTERFACE	RGS	RIGID GALVANIZED STEEL		
DISC	DISCONNECT	RRH	REMOTE RADIO HEAD		
EMT	ELECTRICAL METALLIC TUBING	RRU	REMOTE RADIO UNIT		
GFCI	GROUND FAULT CURRENT INTERRUPTER	SPD	SURGE PROTECTIVE DEVICE		
G	GROUND	S/S	STAINLESS STEEL		
GND	GROUND	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR		
GPS	GLOBAL POSITIONING SYSTEM	TYP	TYPICAL		

ELECTRICAL LEGEND

SYMBOLS:

---	CONDUIT - CONCEALED
---	CONDUIT - EXPOSED
---	CONDUIT AND WIRE. FULL HASH MARK - CIRCUIT WIRE. HALF HASH MARK - BOND WIRE. (G)
→ BTS-2,4	HOME RUN TO PANEL. E.G. PANEL BTS CIRCUITS 2 & 4.
⊕	20 AMP 125V DUPLEX RECEPTACLE HUBBELL #5362 I
⊕	20 AMP 125V QUADPLEX RECEPTACLE HUBBELL #5362 I
⊕ GFI	20 AMP 125V DUPLEX GROUND FAULT INTERRUPT RECEPTACLE HUBBELL #GFS362 I
⊠	FUSED DISCONNECT SWITCH
WP	WEATHERPROOF
UON	UNLESS OTHERWISE NOTED
⊥	20 AMP 120/277V SINGLE POLE SWITCH. HUBBELL #HBL 1221 I, +48" M = MOTOR/ HORSEPOWER RATED 2 = 2 POLE
30-2	CURRENT CARRYING CAPACITY AND NO. OF POLES OF IDENTIFIED DEVICE. EXAMPLE 30 AMP 2 POLES
Sob	LIGHTING SWITCH 20 AMP, 120/277V, SINGLE POLE, HUBBELL #HBL 1221, +48"
Soff	OVERRIDE OFF LIGHTING SWITCH

NOTES:

1. SMOKE DETECTOR TO SHUT DOWN A/C UNITS WHEN ACTIVATED
2. ALL INTERIOR RECEPTACLES AND SWITCHES SHALL BE SURFACE MOUNTED
3. LABEL ALL BOXES AND CIRCUITS AS REQUIRED BY VERIZON
4. AC UNITS WILL NOT OPERATE AT THE SAME TIME

BRIGHTON
MACRO
PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:
ELECTRICAL NOTES,
ABBREVIATIONS &
ELECTRICAL LEGEND

E-1

NOTES:

1. THE WIRELESS COMMUNICATION FACILITY COMPLIES WITH FEDERAL STANDARDS FOR RADIO FREQUENCY IN ACCORDANCE WITH THE TELECOMMUNICATION ACT OF 1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED BY STATE OR FEDERAL REGULATORY AGENCIES.
2. NO EXISTING PARKING STALLS ARE BEING ADDED OR REMOVED AS PART OF THE NEW INSTALLATION.
3. THE BELOW GRADING INFORMATION IS AN ESTIMATE:
 - TRENCH IS TO BE 3'-0" DEEP AND 16" WIDE - ALL SPOILS TO BE PLACED BACK INTO TRENCH & COMPACTED TO 90%
 - CONCRETE FOOTING IS TO BE 18 YARDS WITH A 5'-0" DIA.
 - CONCRETE PAD IS TO BE 9 YARDS TOTAL DISPLACEMENT - HALF ABOVE GRADE; DIRT TO BE IMPACTED 5 YARDS UNDER
 - ALL SPOILS TO BE REMOVED FROM PROJECT SITE

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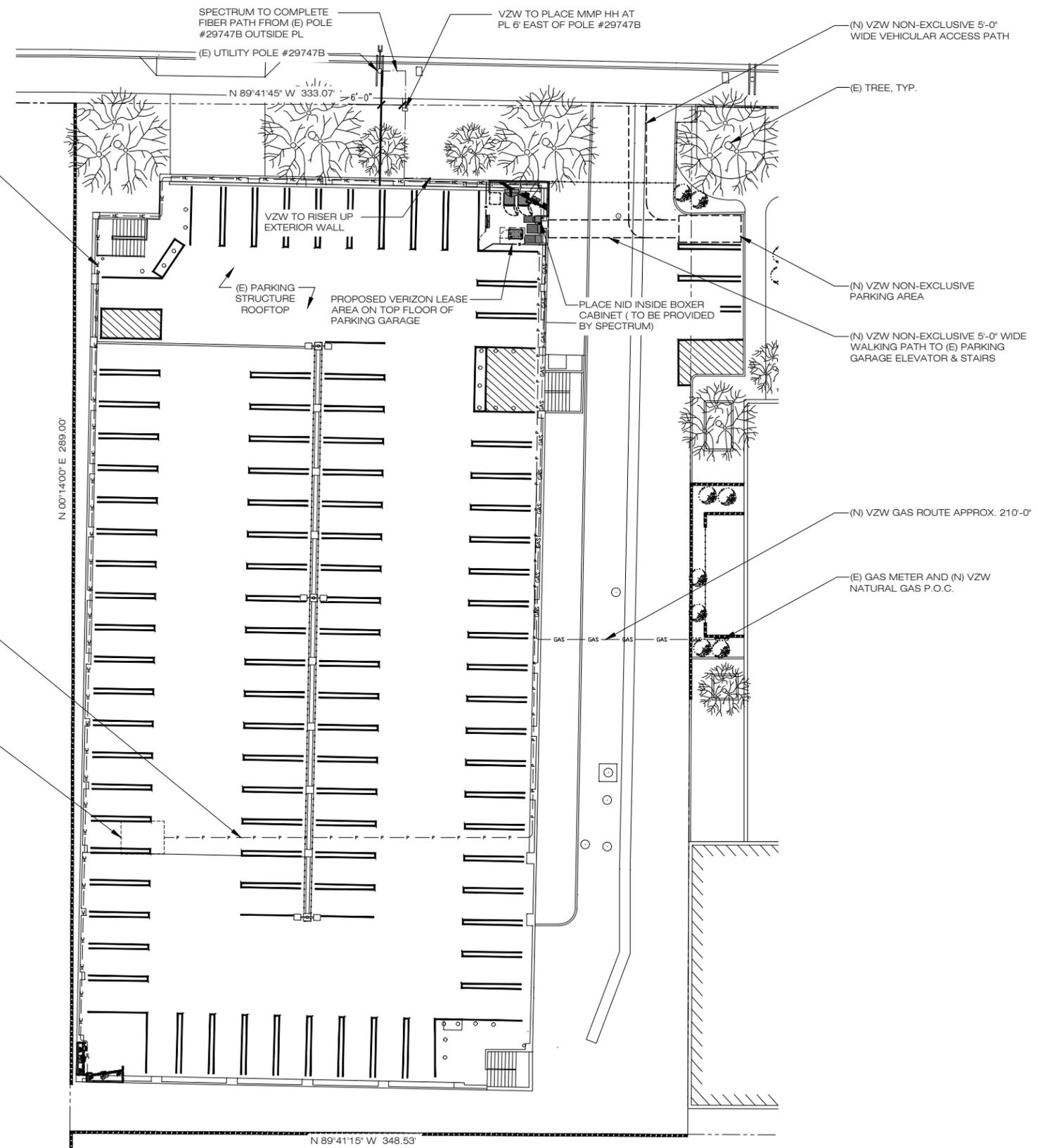
- (N) VZW ROOF HYBRID CABLE PATH ALONG WALL ABOVE RAMP
- ALPHA ±370'
- BETA ±365'
- GAMMA ±35'
- MICROWAVE ±35'

LEGEND	
	PROPERTY LINE - SUBJECT PARCEL
	EXISTING SETBACK LINE
	EXISTING FENCE LINE
	EXISTING ROAD
	EXISTING BUILDING



(N) VZW POWER CONDUIT ROUTED THROUGH CEILING OF (E) PARKING GARAGE TO VERIZON EQUIPMENT, APPROX. 280'

(N) VZW POWER P.O.C.: (N) VZW WATNODE AT ILC FED FROM (N) 100A BREAKER IN (E) PANEL HA 400AMP 277/480V LOCATED IN (E) ELECTRICAL ROOM ON GROUND FLOOR



UTILITY ROUTE PLAN
 1 E-2
 24"x36" SCALE: 1/8" = 1'-0"
 11"x17" SCALE: 1/16" = 1'-0"
 8' 6' 4' 2' 0' 8'



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APPROVED

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CONSTRUCTION DRAWINGS

SHEET TITLE:
 UTILITY ROUTE PLAN

E-2

PROPOSED ILC PANEL 'A' SCHEDULE

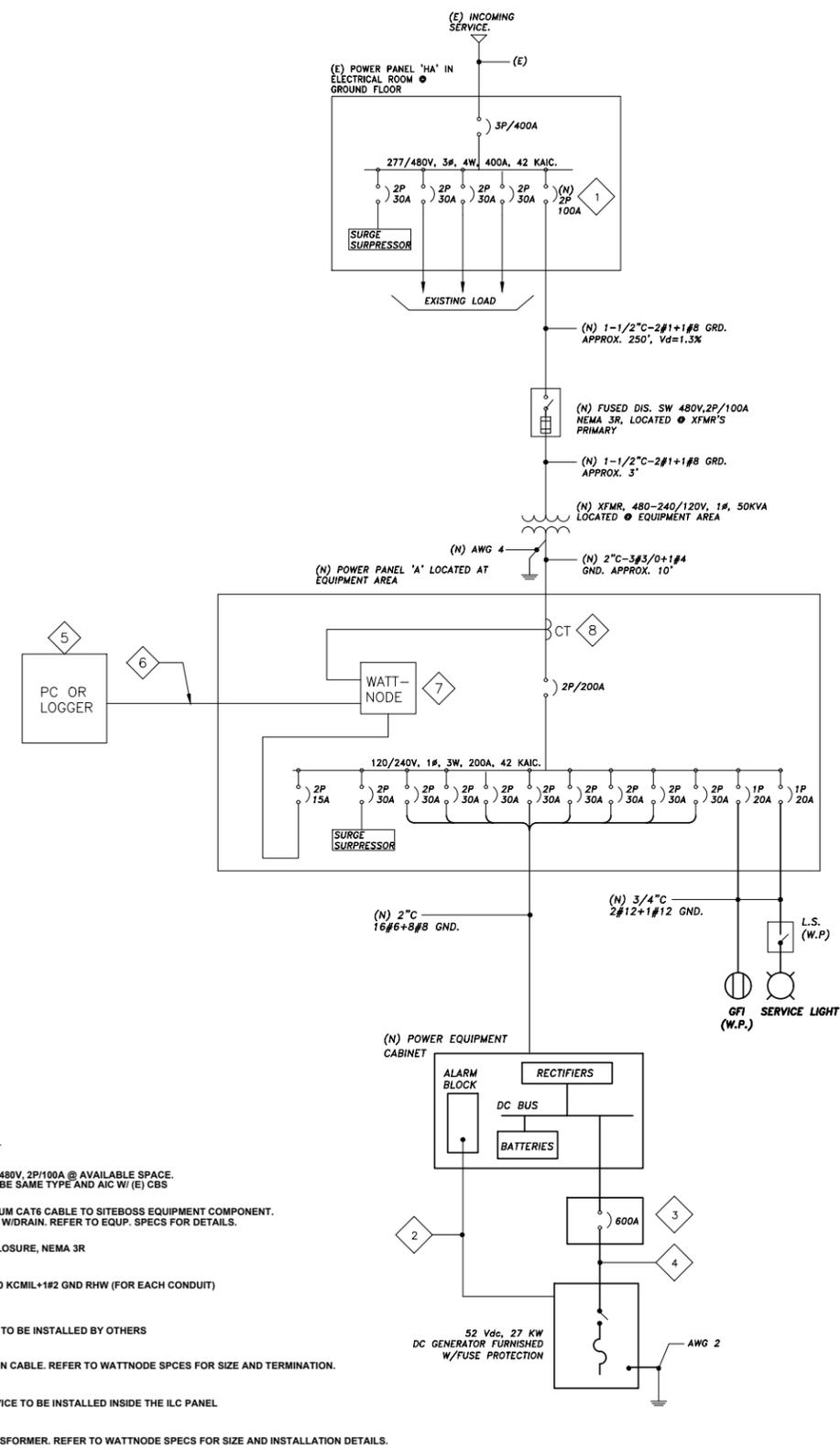
VOLTAGE: 120/240V		PHASE: 1		WIRE: 3	
MAIN CB: 200AMP		BUS RATING: 200A VPS		MENA: 3R, 42 KAIC	

CKT NO.	LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD VA	USAGE FACTOR	PHASE A VA	PHASE B VA	USAGE FACTOR	SERVICE LOAD VA	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CKT NO.
1	SURGE	30	2	ON	0	1.00	1800	1800	1.00	1800	2	30	RECTIFIER #1	2
3				ON	0	1.00	1800	1800	1.00	1800	2	30		4
5	LIGHTS	20	1	ON	200	1.00	2000	1800	1.00	1800	2	30	RECTIFIER #2	6
7	GFCI	20	1	ON	180	1.00	1980	1800	1.00	1800	2	30		8
9	RECTIFIER 8	30	2	ON	1800	1.00	3600	3600	1.00	1800	2	30	RECTIFIER #3	10
11				ON	1800	1.00	1800	1800	1.00	1800	2	30		12
13	SPACE			ON	1800	1.00	1800	1800	1.00	1800	2	30	RECTIFIER #4	14
15				ON	1800	1.00	1800	1800	1.00	1800	2	30		16
17				ON	1800	1.00	1800	1800	1.00	1800	2	30	RECTIFIER #5	18
19				ON	1800	1.00	1800	1800	1.00	1800	2	30		20
21				ON	1800	1.00	1800	1800	1.00	1800	2	30	RECTIFIER #6	22
23				ON	1800	1.00	1800	1800	1.00	1800	2	30		24
25				ON	1800	1.00	1800	1800	1.00	1800	2	30	RECTIFIER #7	26
27				ON	1800	1.00	1800	1800	1.00	1800	2	30		28
29				ON	1800	1.00	1800	1800	1.00	1800	2	30		30
											TOTAL KVA	29.18		
											AMPS	121.58		

NOTES:

- (E) LOAD CENTER INSIDE MCE EQUIPMENT CABINET THAT FED POWER TO THE RECTIFIERS TO BE REMOVED.
- INSTALL NEW 'ILC' PANEL ON (E) WALL @ EQUIPMENT AREA.
- (N) CBS IN 'ILC' PANEL WILL RE-FEED POWER POWER TO (E) RECTIFIERS IN MCE EQUIP. CABINET.

1 PANEL SCHEDULE
SCALE: NTS



KEY NOTES:

- INSTALL (N) CB 480V, 2P/100A @ AVAILABLE SPACE. (N) CB SHOULD BE SAME TYPE AND AIC W/ (E) CBS
- 1" WITH MINIMUM CAT5 CABLE TO SITEBOSS EQUIPMENT COMPONENT. 12 PAIR 24 AWG W/DRAIN. REFER TO EQUIP. SPECS FOR DETAILS.
- DIS. CB W/ ENCLOSURE, NEMA 3R
- (2) 2'-1/2" x 2-#350 KCMIL-1#2 GND RHW (FOR EACH CONDUIT)
- PC OR LOGGER TO BE INSTALLED BY OTHERS
- COMMUNICATION CABLE. REFER TO WATTNODE SPECS FOR SIZE AND TERMINATION.
- WATTNODE DEVICE TO BE INSTALLED INSIDE THE ILC PANEL
- CURRENT TRANSFORMER. REFER TO WATTNODE SPECS FOR SIZE AND INSTALLATION DETAILS.

2 ELECTRICAL SINGLE LINE DIAGRAM
SCALE: NTS

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SHEET TITLE:
SINGLE LINE DIAGRAM &
PANEL SCHEDULE

E-3

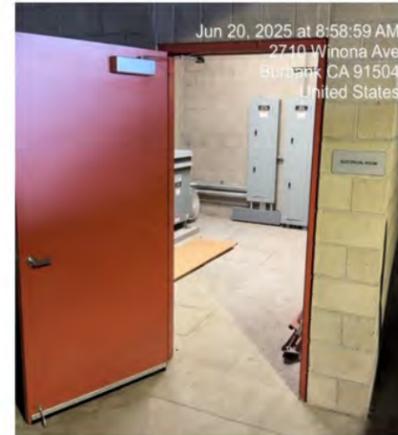
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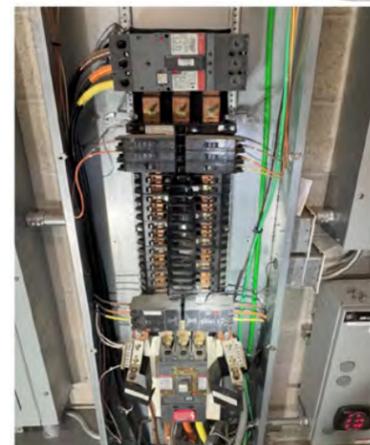
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Entering electrical room



Center electrical panel 400-amp, 277/480 VAC



Main breaker rating 400 amp fed with 600 kcmil copper that has an ampacity of 400 amps



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PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:

LOAD STUDY
(FOR REFERENCE ONLY)

E-4

REV.	DATE	DESCRIPTION	BY
0	02/28/2025	90% CD REVIEW	AP
1	08/06/2025	90% CD REVIEW	AP
2	01/21/2026	WATTNODE UPDATE	AP

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

by: Sara Durghalli, Assistant Planner
 Project No. 25-0001951 Date: 2/28/26

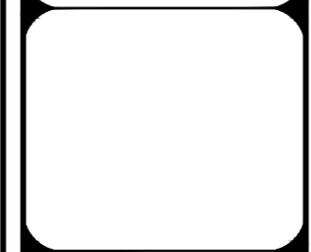
TRAD Group

9010 112th Avenue NE
Kirkland, WA 98033

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO VERIZON WIRELESS

ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO VZW WIRELESS IS STRICTLY PROHIBITED



BRIGHTON MACRO

PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504

CONSTRUCTION DRAWINGS

SHEET TITLE:
LOAD STUDY
(FOR REFERENCE ONLY)

E-5

LOAD STUDY RESULTS

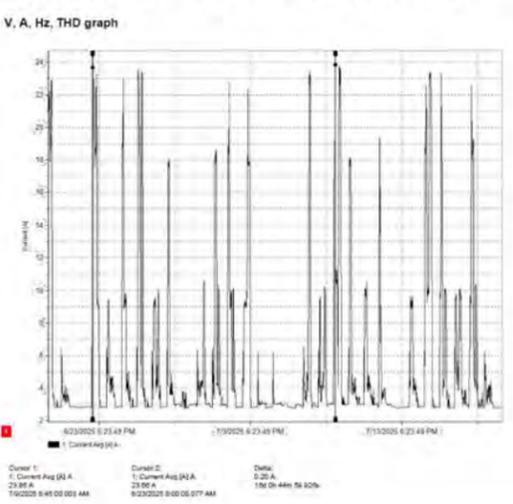
V, A, Hz, THD overview table

Parameter	A	B	C
Voltage (V)	284.3 V	284.3 V	286.6 V
Max	6/24/2025 5:00:05 AM	1/17/2025 9:15:00 AM	7/16/2025 9:15:00 AM
Min	278.8 V	278.8 V	278.8 V
Min	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM
Current (A)	5.28 A	4.34 A	4.01 A
Max	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM
Min	7/16/2025 4:00:00 PM	6/27/2025 4:00:00 PM	7/16/2025 4:00:00 PM
Frequency (Hz)	60.00 Hz	60.00 Hz	60.00 Hz
Max	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM
Min	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM	6/27/2025 4:00:00 PM
V THD (%)	1.8 %	1.8 %	1.8 %
Max	6/24/2025 5:00:05 AM	6/27/2025 4:00:00 PM	7/16/2025 9:15:00 AM
Min	11/2/2025 4:15:00 PM	7/16/2025 9:15:00 AM	7/16/2025 9:15:00 AM
A THD (%)	318.8 %	278.8 %	278.8 %
Max	7/16/2025 2:30:00 AM	6/24/2025 7:15:00 AM	7/16/2025 2:30:00 AM
Min	4.8 %	3.8 %	2.7 %
Min	7/16/2025 4:00:00 PM	7/16/2025 4:00:00 PM	7/16/2025 4:00:00 PM

AS YOU SEE IN THE PICTURE UNDER CURRENT (PAGE 17 OF 18 OF THE STUDY) THE LINEAR AVERAGE FOR "A" PHASE IS **5.28 AMPS** THE LINEAR AVERAGE FOR "B" PHASE IS **4.34 AMPS**. THE LINEAR AVERAGE FOR "C" PHASE IS **4.01 AMPS** THIS STUDY WAS DONE WITH DEMAND INTERVAL AVERAGING EVERY 15 MINS AS SUGGESTED PER NEC CODE 220.87



LOAD STUDY RESULTS



TAKING A LOOK AT THE "A" PHASE GRAPH FROM THE STUDY (PAGE 14 OF 18 OF THE STUDY) WE SEE THAT THE MAX AVERAGE FOR "A" PHASE IS **23.86 AMPS (CURSOR:1)** THE SECOND HIGHEST AVERAGE FOR "A" PHASE IS **23.66 AMPS (CURSOR:2)** THIS STUDY WAS DONE WITH DEMAND INTERVAL AVERAGING EVERY 15 MINS AS SUGGESTED PER NEC CODE 220.87



POWER ANALYSIS:

- EQUATIONS AND BREAK DOWN
- Results from our load study reveal that the highest demand amperage recorded is **23.86** amps on "A" phase
- Our equipment has a rating of **400** amps.
- Our highest average load was 23.86 amps
- $23.86 \text{ amps} \times 1.25\% = 29.825 \text{ amps}$
- $400 \text{ amps (panel and main breaker ampacity)} - 29.825 = \underline{370.175 \text{ amps available.}}$



SUMMARY

- The equipment rating is 400 amps with a highest average load of **23.86 amps** (on "A" phase)
- Under current conditions, **there is more than enough room to add a 100-amp breaker (for a 200 amp @ 120/240 VAC system) to this panel**



NOTE: MINIMUM 12" RADIUS AT ALL BENDS IN GROUND LEADS AND RINGS

CONTRACTOR SHALL PERFORM GROUND RESISTANCE TEST AT "MGB" AND PERFORM FALL OF POTENTIAL TEST PER IEEE STANDARD NO. 81; SECTION 9.04 ON THE MAIN GROUNDING ELECTRODE TO VERIFY THAT RESISTANCE SHALL NOT EXCEED 5 OHMS AND SHALL SUBMIT AN INDEPENDENT TESTING REPORT INDICATING RESISTANCE VALUES OBTAINED.

NOTE:
PAD REBAR AND OTHER CARRIER EQUIPMENT PAD REMOVED FOR CLARITY

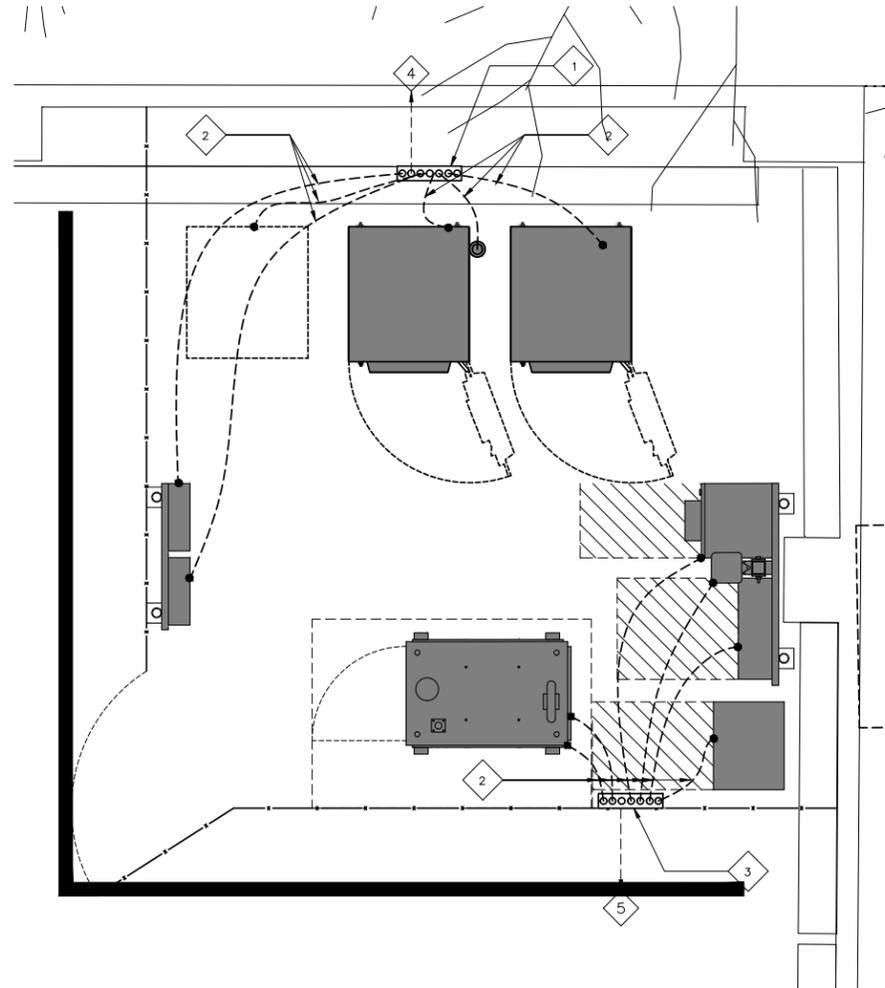
NOTE:
IF POSSIBLE ENCAPSULATE GROUND IN UTILITY PAD. IF NOT POSSIBLE USE CONDUIT ABOVE PAD.

LEGEND:

- ⊗ GROUND ROD
- MECHANICAL GROUND CONNECTION
- CADWELD
- ⊠ GROUND ACCESS WELL. CIRCULAR CONCRETE BOX, 9"Ø x 12" HIGH WITH CONCRETE COVER - CAST LETTERS "GR ROD" IN COVER. (2 TOTAL)
- GROUND CONDUCTOR

KEY NOTES:

- 1 (N) MASTER EQUIPMENT GROUND BAR
- 2 (N) AWG 2 INSULATED COPPER GROUND
- 3 (N) GROUND BAR AT UTILITY PANEL
- 4 (N) AWG 2 TO BLDG STEEL OR TO (E) BLDG SERVICE GROUND
- 5 (N) AWG 2 TO MASTER EQUIPMENT GROUND BAR

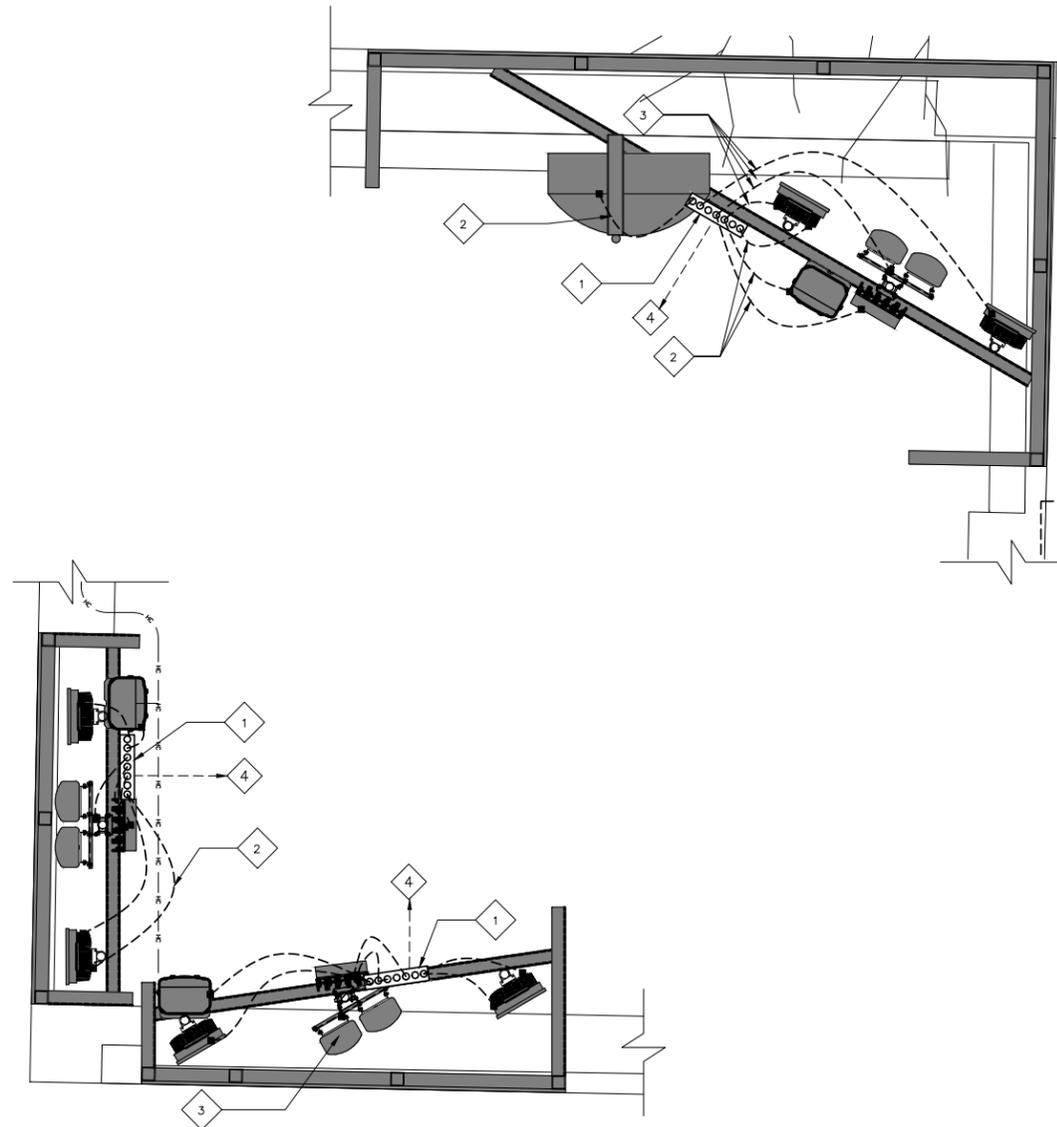


1 EQUIPMENT GROUNDING PLAN



KEY NOTES:

- 1 (N) ANTENNA GROUND BAR @ EACH SECTOR
- 2 (N) AWG 2 INSULATED COPPER GROUND WIRE FROM OVP, RRU, AND MW ANTENNA
- 3 (N) AWG 6 INSULATED COPPER GROUND FROM ANTENNA GROUND KIT
- 4 (N) AWG 2 INSULATED COPPER GROUND TO MASTER EQUIPMENT GROUND BAR



2 ANTENNA GROUNDING PLAN (TYP. FOR EACH SECTOR)



ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
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2	01/21/2026	WATTNODE UPDATE	AP

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

APPROVED

by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAL Group

9010 112th Avenue NE
Kirkland, WA 98033

PROPRIETARY INFORMATION

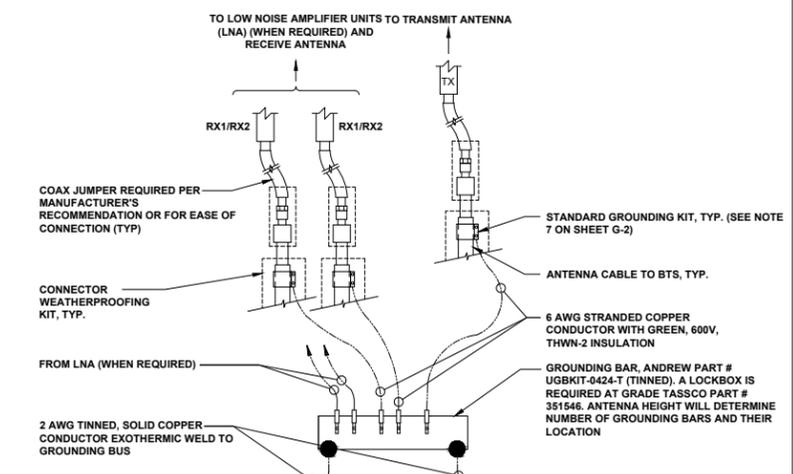
THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO VERIZON WIRELESS
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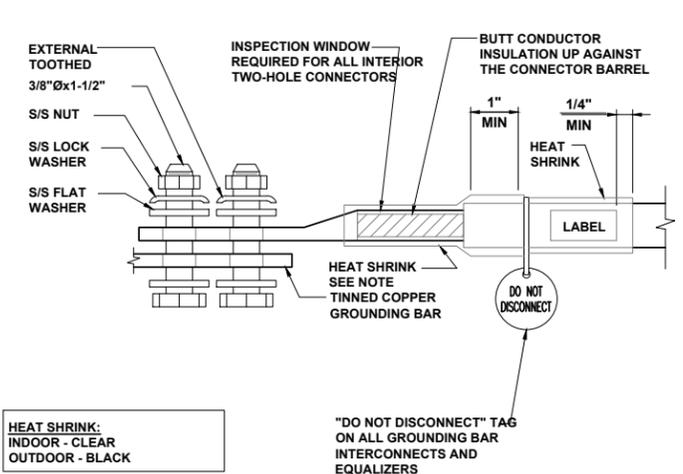
**BRIGHTON
MACRO**
PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:
GROUNDING PLAN

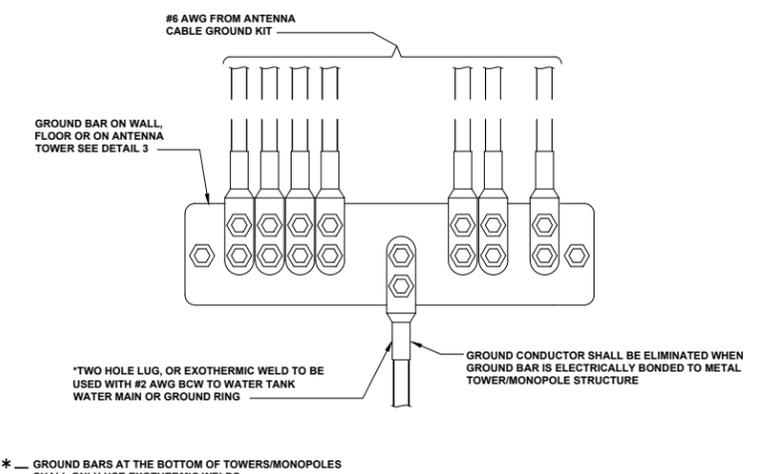
G-1



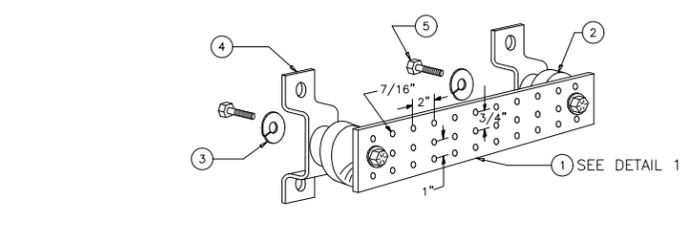
1 GROUNDING BAR CONNECTION
SCALE: NTS



2 GROUND LUG TO BUS BAR
SCALE: NTS

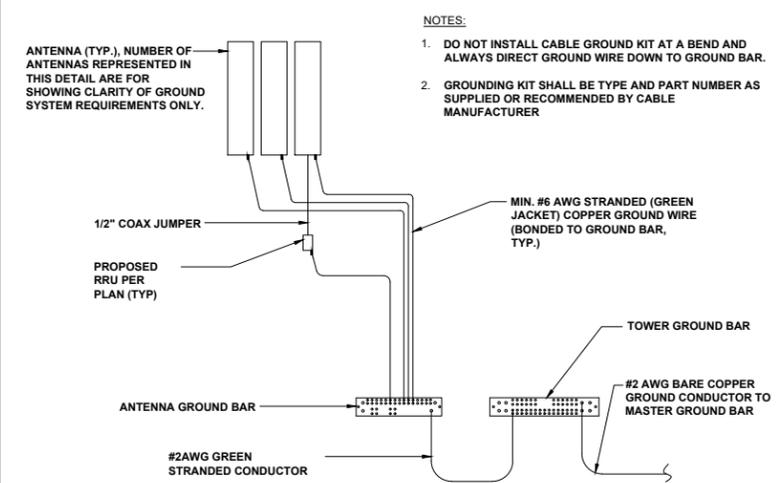


3 WIRE TO GROUND BAR CONNECTION
SCALE: NTS

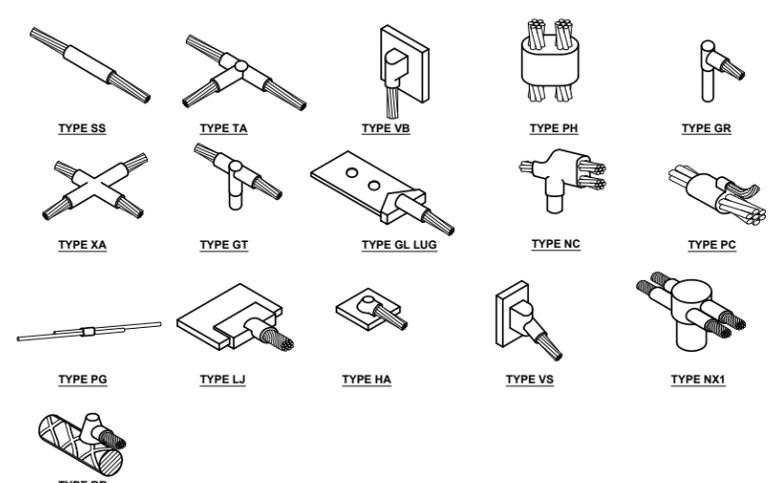


- LEGEND:**
1. COPPER GROUND BAR, 1/4" X 4" X 20", NEWTON INSTRUMENT CO. CAT. NO. B-6142 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BAR SIZE WILL VARY BASED ON NUMBER OF GROUND CONNECTIONS)
 2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4 OR EQUAL
 3. 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-9 OR EQUAL WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT NO. A-6056 OR EQUAL
 4. 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO. CAT NO. 3012-1 OR EQUAL
 5. INSULATORS SHALL BE ELIMINATED WHEN BONDING DIRECTLY TO TOWER/MONOPOLE STRUCTURE. CONNECTION TO TOWER/MONOPOLE STRUCTURE SHALL BE PER MANUFACTURERS RECOMMENDATIONS

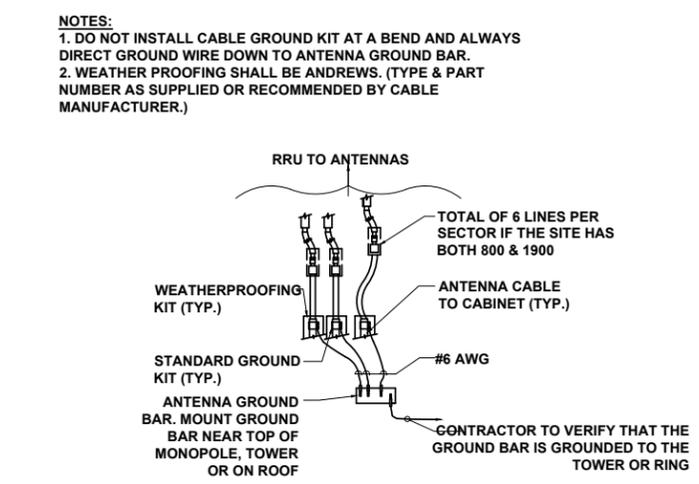
4 GROUNDING BAR DETAIL
SCALE: NTS



5 ANTENNA GROUNDING PLAN
SCALE: NTS



6 TYPICAL CADWELD TYPES
SCALE: NTS



7 TYPICAL COAX GROUNDING
SCALE: NTS



8 NOT USED
SCALE: NTS



9 NOT USED
SCALE: NTS

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CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION
APPROVED
by: Sara Durghalli, Assistant Planner
Project No. 25-0001951 Date: 2/28/26

TRIAL Group
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verizon
15505 SAND CANYON AVENUE
IRVINE, CA 92618

**BRIGHTON
MACRO**
PROJECT ID: 17344152
2710 WINONA AVE.
BURBANK, CA 91504
CONSTRUCTION DRAWINGS

SHEET TITLE:
ELECTRICAL &
GROUNDING DETAILS

G-2

ATTACHMENT C

Compliance with Burbank Municipal Code Title 10 (Zoning)

(Title 10, Ch. 1, Article 11)

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
Permitted Location & Permit Table 10-1-1118(C)	Building mounted WTFs are allowed in non-residential zone (except OS) through the approval of an Administrative Use Permit (AUP); [AUP is required if residentially adjacent.]	The Applicant (Verizon Wireless) submitted an AUP for the proposed building mounted WTF at 2710 Winona Ave.	Yes
Section 10-1-1118(D)(3)(a)	Where practical, WTFs shall be integrated into existing or newly developed facilities that are functional for other purposes..	Applicant is proposing 15 new 8-foot panel antennas, 3 new remote radio units (RRUs), 3 equipment cabinets, and associated ancillary equipment, all of which in a 6'-0" high fenced equipment area on the rooftop of an existing above-grade parking structure in the M-2 Zone, where it is permitted.	Yes
Section 10-1-1118(D)(3)(b)	WTFs shall incorporate stealth design so as to minimize aesthetic impacts on surrounding land uses. Related equipment shall be designed to match the architecture of adjacent buildings and/or be screened from public view by walls, fences, parapets, landscaping, and similar treatments.	Proposed antennas and ancillary equipment will include a 12'-5" tall FRP concealment screen enclosure that will match the design of the existing above-grade parking structure.	Yes
Section 10-1-1118(D)(3)(c)	Related equipment for co-located WTFs shall be co-located within an existing equipment enclosure, or if not possible then located within a new equipment enclosure as close to the existing equipment enclosure as possible.	Proposed equipment will be located within a new screened equipment enclosure. The screening provided does not exceed the max height of 15 feet, to ensure all equipment is not visible from the public view.	Yes
Section 10-1-1118(D)(3)(d)	Monopoles, antennas, and support structures for antennas shall be no greater in diameter or any other cross-sectional dimension than is reasonably necessary for the proper functioning and physical support of the WTF and future co-location of additional WTFs.	All supporting structures are no greater than necessary in diameter or any other cross-sectional dimension.	Yes

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
Section 10-1-1118(D)(3)(e)	<p>Cable Trays and Runs.</p> <ol style="list-style-type: none"> 1. All cable trays and cable runs for building-mounted WTFs shall be located within existing building walls. 2. Any facade-mounted cable trays and runs shall be painted and textured to match the building and shall be mounted as close to the facade surface as possible, with no discernible gap between. 3. Cable trays and runs on a roof deck shall be mounted below or otherwise screened by the parapet wall or screening device. 4. Cable trays and runs for freestanding WTFs shall be located inside the pole and underground. 	All proposed equipment will be screened by the parapet wall or screening device.	Yes and COA Applied.
Section 10-1-1118(D)(3)(f)	Stealth WTF's designed to resemble natural features such as trees or rocks shall be integrated into the surrounding environment through the planting of trees and/or shrubs distributed around the entire facility to appear as a naturally occurring or integrated landscape element.	N/A to project, proposed WTF is building mounted and will not resemble natural features.	N/A
Section 10-1-1118(D)(3)(g)	<p>Whenever landscaping is used in conjunction with a WTF for stealth design, to screen related equipment, or for another purpose, the following requirements apply:</p> <ol style="list-style-type: none"> 1. Any new or replanted landscaping shall be of a type and variety that is compatible with existing landscaping. 2. Any tree removed shall be replaced with one or more trees of similar quality and size. 3. When used for screening, the landscaping shall be of a type, variety, and maturity to adequately screen the related equipment. 4. Newly installed trees shall be a minimum size of 36 inch box. 5. Palm trees shall have a minimum brown trunk height of 16 feet. 6. Newly planted shrubs shall have a minimum size of five gallons. 7. Live landscaping shall be provided with adequate and permanent irrigation to support 	N/A to project, proposed WTF is not proposed for a stealth design that includes landscaping.	N/A

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
	continued growth.		
Section 10-1-1118(D)(3)(h)	Chain-link fencing is permitted for wireless telecommunication facilities only in industrial zones and only when not visible from the public right-of-way or adjacent non-industrial zones; block walls must be finished with stucco or plaster, except when located within an industrial zone.	The 6'-0" chain link fence proposed on the roof of the parking structure not be visible to the public from the right of way or adjacent properties because it will be behind the concealment screens proposed.	Yes
Section 10-1-1118(D)(3)(i)(1)	All WTFs shall post a sign in a visible readily location identifying the name and phone number of a party to contact in the event of an emergency.	A condition of approval is included to require a sign to be posted in a readily location identifying the name and phone number of a party to contact in the event of an emergency.	Yes
Section 10-1-1118(D)(3)(i)(2)	No signs, flags, banners, or any form of advertising shall be attached to a WTF except for government-required certifications, warnings, or other required seals or signs.	The applicant is not proposing any signage, or any form of advertising attached to the proposed WTF.	Yes
Section 10-1-1118(D)(3)(j)	No WTF or any portion thereof may be located within a required setback area.	The proposed WTF is not located within a required setback area.	Yes
Section 10-1-1118(D)(3)(k)	WTFs operating in excess of the maximum sound levels permitted by the City's noise ordinance shall be enclosed to achieve compliance with the noise ordinance. Backup generators or similar equipment that operates only during power outages or other emergencies are exempt from this requirement. Testing of such backup generators or similar equipment may only occur during standard daylight hours, and in no event prior to 7:00 a.m. Monday through Friday and 8 a.m. on Saturday.	Noise levels are is proposed in compliance with the code. The project is also conditioned to meet this requirement as part of the approval.	Yes and COA Applied
Section 10-1-1118(D)(3)(l)	No WTF may, by itself or in conjunction with other WTFs, generate radio frequency emissions and/or electromagnetic radiation in excess of FCC standards and any other applicable regulations. All WTFs must comply with all standards and regulations of the FCC, and any other agency of the State or Federal government agency	The approved wireless facility will be conditioned to comply with all standards and regulations of the FCC, and any other agency of the State or Federal government agency with the authority to regulate WTFs.	COA Applied

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
	with the authority to regulate wireless telecommunications facilities.		
Section 10-1-1118(D)(3)(m)	Within 30 days after discontinuation of use, the WTF operator shall notify the Director in writing that use of the WTF has been discontinued.	A condition of approval will be included to require the applicant to notify the Community Development Director in writing that the use of the facility has been discontinued. Furthermore, the condition will require the facility to be completely removed, and the site returned to its pre-facility condition within 180 days of the discontinuation of use.	COA Applied
Section 10-1-1118(D)(3)(n)	A WTF must be completely removed, and the site returned to its pre-WTF condition within 180 days of discontinuation of use.		COA Applied
Section 10-1-1118(D)(3)(o)	All WTF application approvals shall indicate that the approved WTF configuration was designed to conceal elements of the tower or base station to the extent feasible, and that further expansion of the WTF or its associated facilities would defeat those concealment elements.	The proposed WTF will include a screening that is designed to match the existing parking structure and limits the visibility of the equipment.	Yes
Additional Requirements for Building-Mounted WTFs			
Section 10-1-1118(D)(4)(a)	New Building-mounted WTFs, including any screening devices, shall not exceed a height of 15 feet above the roof or parapet, whichever is higher.	All proposed 12'-5" VZW faux brick FRP concealment screens do not exceed the maximum allowable height of 15 feet above the parapet.	Yes
Section 10-1-1118(D)(4)(b)	Building-mounted WTFs shall be architecturally integrated into the building design and otherwise made as unobtrusive as possible. Antennas shall be located entirely within an existing or newly created architectural feature so as to be completely screened from view.	The proposed WTF will include FRP concealment screens that will be painted and textured to match the existing structure.	Yes
Section 10-1-1118(D)(4)(c)	Building-mounted WTFs shall be located on the facade of the building, parapet, or rooftop penthouse whenever practical.	The proposed WTF is located on top of a rooftop of an above-grade parking structure.	Yes
Section 10-1-1118(D)(4)(d)	Facade-mounted WTFs shall not extend more than 24 inches out from the building face. If a building mounted WTF is mounted flush against a building wall, the color and material of the antenna and other equipment shall match the exterior of	Not applicable. The applicant is proposing a new building mounted WTF on a rooftop of existing above-grade parking structure in the M-2 Zone.	N/A

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
	the building. If there is a discernable gap between the antenna and the facade, the antenna shall be screened so as to hide the gap.		
Section 10-1-1118(D)(4)(e)	Roof-mounted WTFs shall be fully screened from public view using screening devices that are compatible with the existing architecture, color, texture, and/or materials of the building. Roof-mounted WTFs shall also be screened from above, if visible from adjacent properties.	The proposed antennas and equipment will include FRP concealment screening not to exceed the maximum height of 15 feet above the parapet. Proposed accessory equipment screening will be painted and textured to match the existing structure.	Yes
Section 10-1-1118(D)(4)(f)	Roof-mounted WTFs shall be located as far from the edge of the building as feasible.	All proposed antennas and accessory equipment have a setback range from the edge of the roof between 0'-6" and 17'-11" and are screened from public view.	Yes
Additional Requirements for Freestanding WTFs (Except for Amateur Radio Antennas)			
Section 10-1-1118(D)(5)(a)	An applicant for a freestanding WTF shall demonstrate as part of the application that a proposed WTF cannot be placed on an existing building or co-located.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(b)	Freestanding WTFs, including any camouflage or screening devices, may not exceed a height of 35 feet above the ground surface unless approved through a Conditional Use Permit.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(c)	Freestanding WTFs shall be compatible with the architecture, color, texture, and/or materials of nearby buildings and the surrounding area and landscaping.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(d)	Freestanding WTFs shall be located in areas where existing topography, vegetation, buildings or other structures provide the greatest amount of screening so as to minimize aesthetic impacts on surrounding land uses.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(e)	Freestanding WTF's shall be designed to allow for co-location of additional antennas, for example by having a foundation and pole	Not Applicable, project is not freestanding.	N/A

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
	capable of accommodating a height extension. The operator and owner of the freestanding WTF shall lease space on the tower to other WTF providers to the maximum extent consistent with the operational requirements of the WTF.		
Section 10-1-1118(D)(5)(f)	Any mono-tree shall incorporate enough architectural branches (including density and vertical height), three dimensional bark cladding, and other design materials or appropriate techniques to cause the structure to appear a natural element of the environment.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(g)	Freestanding WTFs may not utilize guy wires or other diagonal or horizontal support structures.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(h)	Exterior lighting of freestanding WTF's is prohibited unless required by the FAA or other government agency.	Not Applicable, project is not freestanding.	N/A
Section 10-1-1118(D)(5)(i)	Freestanding WTF's that simulate the appearance of a flag pole shall be tapered to maintain the appearance of an actual flag pole. A flag shall be flown from the WTF and properly maintained at all times.	Not Applicable, project is not freestanding.	N/A
Radio Frequency Emissions Compliance			
Per Section 10-1-1118(E)(1), Within thirty (30) calendar days following the activation of any WTF, the applicant shall provide a radio frequency emissions compliance report to the Director certifying that the unit has been inspected and tested in compliance with FCC standards. Such report and certification shall include:			
Section 10-1-1118(E)(1)(a)	The make and model (or other identifying information) of the unit tested.	A condition of approval will be included to require the applicant, within 30 calendar days following the activation of the facility, to provide a radio frequency emissions compliance report to Director certifying that the unit has been inspected and tested in compliance with FCC standards. In addition, the condition will require, every 5 years following the initial report, the applicant to prepare and submit to the City an	COA Applied
Section 10-1-1118(E)(1)(b)	The date and time of the inspection, the methodology used to make the determination.		
Section 10-1-1118(E)(1)(c)	The name and title of the person(s) conducting the tests, and a certification that the unit is properly installed and working within applicable FCC standards.		
Section 10-1-1118(E)(1)(d)	As to DAS installations, the required radio frequency emissions compliance report certification shall be provided only by the wireless carrier(s) using the DAS system.		
Section 10-1-1118(E)(1)(e)	The report and certification shall also		

DEVELOPMENT STANDARDS	REQUIREMENT	PROPOSED	COMPLIES?
	<p>indicate that cumulative levels of radio frequency emissions from the WTF and all co-located WTFs are in compliance with FCC standards, including but not limited to FCC Office of Engineering Technology Bulletin 65, Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, as amended.</p>	<p>independently prepared updated radio frequency emissions compliance and certification and shall certify that the facility complies with all applicable FCC standards as of the date of the update. The Community Development Director may require the applicant to modify the location or design of the facility and/ or implement other mitigation measures to ensure compliance with the FCC standards.</p>	
<p>Section 10-1-1118(E)(2)</p>	<p>Every five years following compliance with 1-1-1118 E(1) above, the applicant shall, at the WTF owners sole cost, prepare and submit to the City an independently prepared updated radio frequency emissions compliance report and certification, shall certify that the WTF complies with all applicable FCC standards as of the date of the update.</p>		
<p>Section 10-1-1118(E)(3)</p>	<p>If the radio frequency emissions compliance report and certification, and/or any update thereto, demonstrates that the cumulative levels of radio frequency emissions exceed or may exceed FCC standards, the Director may require the applicant to modify the location or design of the WTF and/or implement other mitigation measures to ensure compliance with FCC standards. The Director may require additional independent technical evaluation of the WTF, at the applicant's sole cost, to ensure compliance with FCC standards.</p>		

ATTACHMENT D

Findings for Granting an Administrative Use Permit Approval

The Community Development Director finds the proposed Project satisfies the requisite findings contained in Burbank Municipal Code (BMC) Section 10-1-1956 necessary for approval of the Administrative Use Permit (AUP), subject to the Conditions of Approval in Attachment E.

10-1-1956(1) *The use applied for at the location set forth in the application is properly one for which an administrative use permit is authorized by Title 10 of the Burbank Municipal Code.*

Per Table 10-1-1118(C) of the BMC, the use of a new WTF in a non-residential zoning district, such as the General Industrial (M-2) zone, requires an AUP if proposed within 150 feet of a residential zone. The subject property adjacent to R-4 (Multi-Family Residential) zoning district to the Southeast and therefore, is permitted upon approval of an AUP.

10-1-1956(2) *The use is not detrimental to existing uses or to uses specifically permitted in the zone in which the proposed use is to be located.*

The proposed Project is not detrimental to existing or permitted uses within the M-2 zone. The applicant has also indicated that the operation of the WTF will not generate noise exceeding City regulations, or generate traffic, waste, or other adverse impacts in excess of what is typical of commercial and industrial uses permitted by right in the M-2 zone. A noise study was included in the Supplemental Wireless Application (Attachment D), which states that the maximum noise level from any of the proposed equipment that can be heard by any residential property in the vicinity of the Project is 47.53 dBA, which is below the City's allowable noise generation level of 70 dBA in industrial zones.

The City did not receive public comments for the Project regarding potential detrimental health and safety impacts from radio frequency (RF) emissions from the facility. Local governments are precluded from considering the health effects of RF emissions from a WTF pursuant to federal regulations. The Federal Telecommunications Act of 1996 expressly preempts any state or local government regulation on the placement, construction, and modification of personal wireless service facilities on the basis of environmental effects of RF emissions to the extent that such facilities comply with the FCC's regulations concerning such emissions (47 U.S.C. Section 332(c)(7)(B)(iv)).

The City can and does require that an applicant comply with objective code requirements related to development standards and aesthetics and provide verification of compliance with the federal regulations on RF emissions as part of the application submittal requirements, as well as periodic reporting demonstrating ongoing compliance with federal regulations. The applicant provided this information as part of a completed "Supplemental Application Form" for WTFs by providing an RF Safety Compliance Letter enclosed as Exhibit 3.15-A within Attachment F. The letter indicates that the applicant will be compliant with FCC guidelines. Staff has incorporated Conditions of Approval to ensure ongoing compliance. Further, the applicant is required to maintain and demonstrate proper licensing for this facility on an annual basis and this requirement has been included in the Conditions of Approval.

No substantial evidence has been provided demonstrating that the application at issue should be denied or further conditioned based on applicable local regulations in the Burbank Municipal Code. Therefore, there is no basis for denial or further conditions of approval related to this finding and this finding has been satisfied.

10-1-1956(3) The use will be compatible with other uses on the same lot, and in the general area in which the use is proposed to be located.

The provision of mobile service for communication and data transfer is compatible with the needs of the commercial office building on the same lot and residential uses in the general Project area. The applicant has provided documentation, including coverage maps, that the proposed WTF facility will provide wireless and data coverage for a portion of Burbank, which currently has a gap in coverage. In addition, the use will have no impact on the ability of other uses in the surrounding area to operate. The WTF is commercial in nature and operates in a manner similar to other commercial equipment such as equipment generators, broadcast or radio equipment, emergency wireless transmitters that may be found at other commercial or industrial businesses in the general area, in addition to providing vital telecommunications for the general public.

The design of the facility includes a new 12'-5" tall roof screen that is complementary to the design of the existing building, consistent with the design requirements in the BMC Section 10-1-1118(D)(3)(b) and will not result in a visual or aesthetic impact to the surrounding commercial and residential uses. Furthermore, the proposed wireless telecommunications facility will be concealed from public view so that it is visually compatible with the architectural design of the existing building and commercial buildings generally seen in the M-2 zone and have no detrimental visual impact on the surrounding area. Therefore, the proposed use will be compatible with the uses on the same lot and with the general area this finding has been satisfied.

10-1-1956(4) The site for the proposed use is adequate in size and shape to accommodate the use and all of the yards, setbacks, walls, fences, landscaping, and other features required to adjust the use to the existing or future use is permitted in the neighborhood.

The site proposed for the facility is adequate in size and shape to accommodate the Project. The Project site is approximately 2.3 acres in size, with street frontage at Winona Avenue, and N. Naomi St and is currently developed with an existing, 63-foot-tall, above-grade parking structure. The proposed facility would be located on the roof of the existing building. One of the two WTF antenna sectors of the facility is proposed to be located on the North corner of the building facing the Winona Avenue, the second antenna sector is located towards the Southwest corner of the building facing an abutting property, and the accessory equipment will be located behind the 12-foot 5-inch concealment screens proposed above the parapet. The proposed concealment strategy screens visibility of the WTF from all elevations and from the public right-of-way. The roof screens are compatible with the existing architectural style of the building. Additionally, the screen is set back between 0'-6" and 17'-11" from the edge of the roof. The Project complies with the development standards required for new building-mounted (roof top) WTF installations as provided in Attachment C. Therefore, the Project site is adequate in size and shape to accommodate the proposed use while meeting all the required development standards, therefore this finding is satisfied.

10-1-1956(5) The site for the proposed use relates to streets and highways properly designed and improved to carry the type and quantity of traffic generated or to be generated by the proposed use.

The Project site is primarily served by Winona Avenue, a neighborhood collector street, and a local street — N. Naomi Street — which abut the Project site along the North and the East respectively. In addition, the site is improved with an above-grade parking structure to serve the needs of all occupants, visitors, and maintenance workers to the building. The quantity and type of traffic generated by installation of unmanned roof-mounted wireless telecommunication facility will be limited to occasional service-related visits, consistent with traffic generated by other commercial equipment maintenance and repair businesses found in an industrial zone and will not exceed the parking demand of the available spaces. Therefore, the Project site and the existing street network can accommodate the minimal traffic generated by the Project and therefore, this finding is satisfied.

10-1-1956(6) The conditions imposed are necessary to protect the public health, convenience, safety, and welfare.

The Project was reviewed by staff from the Planning and Building & Safety Divisions of the Community Development Department and the Burbank Water & Power and Public Works Departments. The Public Works Department provided standard conditions of approval regarding not allowing structures in any public right-of-way or any public utility easements/ pole line easements; and requiring all work within the public right-of-way to be approved by the Public Works Department which have been incorporated into the decision letter approving the Project.

In addition, as mentioned in response to findings above, conditions of approval specific to the Project have been imposed to address safety and public health concerns. These conditions include requiring a sign in a visible location identifying the contact information of the responsible party in case of an emergency; and requiring the applicant, within 30 days following the activation of the facility, to provide a radio frequency emission compliance certifying the unit has been inspected and tested. Further, the conditions impose the mitigation measures required for the Project to comply with applicable FCC RF regulations. These conditions will ensure the public health, convenience, safety, and welfare of the community are maintained throughout the life of the operation of the subject use. Therefore, this finding has been satisfied.

ATTACHMENT E

Conditions of Approval

Planning Division

1. Project No. 25-0001951 approves a Administrative Use Permit to install an unmanned, roof-mounted Wireless Telecommunication Facility (WTF) on an existing above-grade parking structure located at 2710 Winona Ave in the General Industrial (M-2) zone Unless otherwise approved by the Community Development Director or his/her designee, the Site Plan, Floor Plan, and operational plan shall be substantial conformance with the conceptual plans approved on February 28, 2026 (Attachment A). The Community Development Director or their designee may determine what minor modifications to the approved plans may be considered to be in substantial conformance.
2. Unless otherwise modified by this entitlement or preempted by state or federal law, the Project shall comply with M-2 Zone property development and design standards. Compliance with these standards will be verified at the time of building permit submittal.
3. This permit shall expire if the scope of work is not initiated within one year of the date of this approval (expires on February 28 2027), or the final decision following an appeal, unless the Property Owner or Permittee has diligently developed the proposed project as shown by the issuance of a grading, foundation, or building permit and the construction of substantial improvements. Any period of time during which the project is subject to a legal challenge shall not count towards the expiration date. Prior to the noted expiration date, the Property Owner or Permittee can request the Community Development Director's approval of a one-time extension of the permit for a period not to exceed one-year from the date of expiration.
4. Pursuant to Burbank Municipal Code (BMC) Section 10-1-19401, the Permittee, including their successors and assignees, shall defend, indemnify, and hold harmless the City of Burbank (the City) and its agents, officers, employees, agencies, boards, commissions, or City Council from any claim, action or proceeding brought against the City, its agents, officers, employees agencies, boards, commissions, or City Council to attack, set aside, void or annul the subject approval and environmental determination under the California Environmental Quality Act or National Environmental Policy Act by the City, its agents, officers, employees, agencies, commissions, or City Council. The indemnification shall include damages awarded against the City, if any, cost of suit, attorney's fees, administrative expenses, and other costs and expenses incurred in connection with such action, including, but not limited to, all such City costs and expenses incurred by enforcing this indemnification provision. This duty to defend, indemnify, and hold harmless the City and its agents, officials, employees, agencies, boards, commissions, or City Council shall apply even if the Permittee fails or refuses to enter into the indemnification agreement. In the event of a legal challenge, the provisions under BMC Section 10-1-19402 shall be followed.
5. This permit or approval may be modified or revoked by the City should it be determined that the proposed use as permitted by this approval or conditions under which they were permitted are detrimental to the public health, welfare, or materially injurious to property

or improvements in the vicinity or if the use is maintained so as to constitute a public nuisance.

6. The Permittee shall comply with all federal, state, and local laws. Violations or convictions of any of those laws in connection with the use will be cause for revocation of this permit.
7. The Permittee and Developer shall incorporate a copy of these Conditions of Approval in all construction plans submitted to the Building and Safety Division for a building permit. The Permittee shall also provide a separate written document outlining how, or where, each of the Conditions have been addressed in the building permit plan set for all City Division/Department Conditions enclosed.
8. The plans submitted for building plan check shall clearly call out all exterior building materials and colors on the elevations, including product and finish manufacturer name, color name and number, and surface finish type (such as: stucco with smooth finish, plaster with smooth finish) to be used in construction.
9. All required fees shall be paid as required by the Burbank Municipal Code prior to the issuance of any building permits for the project.
10. The Developer shall arrange for materials collection during construction, demolition, and occupancy with the City's Street & Solid Waste Division (Public Works Department), or Developer shall arrange for self-hauling to an authorized facility.
11. The Permittee shall comply with all Department/Division comments and Code requirements and shall be verified by the responsible Department and/or the Building Official or their designee, prior to the issuance of any Certificate of Occupancy.
12. The Developer shall list these conditions of approval in all construction plans submitted to the Building Division for a building permit. The Developer shall also provide a separate written document outlining how, or where, each of the conditions have been addressed in the building permit plan set for all City Division/Department conditions enclosed and provide the same number of copies as building plan sets submitted for Building Plan Check.
13. The Permittee shall keep a copy of the Conditions onsite at all times available for public review. In addition, the Permittee shall display the current phone and email contact information of the Planning Division and Code Enforcement on a laminated weather-proof (or similar) sign, in a location of the Project Site that is clearly visible from the public right-of-way. The sign shall also state that the Conditions of Approval may be obtained from the City of Burbank Planning Division. The sign shall be installed prior to the issuance of a Certificate of Occupancy and remain in good repair for the life of the Project.
14. Prior to transfer of ownership and/or operation of the Project Site, the Permittee or Property Owner shall provide a written copy of Approval Letter and all attachments for the project to the new property owner and operator.
15. The applicant shall comply with all federal, state, and local regulations. Violation or conviction of any of those laws in connection with the use will be cause for revocation of this permit.

16. Per BMC Section 10-1-1118(D)(3)(l) The approved wireless facility must comply with all standards and regulations of the Federal Communications Commission (FCC), and any other agency of the State or Federal government agency with the authority to regulate wireless telecommunication facilities.
17. Per BMC Section 10-1-1118(D)(3)(e), all cable trays and cable runs for building-mounted wireless facilities shall be located within existing building walls. Any accessory equipment and components of the new wireless facility mounted to the building roof or exterior shall be coated or painted to match the existing building and mounted as close to the façade surface as possible.
18. Per BMC Section 10-1-1118(D)(3)(i)(1), all wireless facilities are required to post a sign in a readily visible location identifying the name and phone number of a party to contact in the event of an emergency. Note the location of this sign in building plans submitted for Building Plan Check review.
19. Per BMC Section 10-1-1118(D)(3)(k), WTFs operating in excess of the maximum sound levels permitted by the City's noise ordinance shall be enclosed to achieve compliance with the noise ordinance. Backup generators or similar equipment that operates only during power outages or other emergencies are exempt from this requirement. Testing of such backup generators or similar equipment may only occur during standard daylight hours, and in no event prior to 7:00 a.m. Monday through Friday and 8 a.m. on Saturday.
20. Per BMC Section 10-1-1118(E), within 30 calendar days following the activation of the facility, the applicant shall provide an updated radio frequency emissions compliance report to the Community Development Director certifying that the unit has been inspected and tested in compliance with FCC standards. The report shall include all information outlined in BMC Section 10-1-1118(E)(1).
21. Per BMC Section 10-1-1118(E), every 5 years on the effective date of this approval, the applicant shall, at the owners sole cost, prepare and submit to the City an independently prepared updated radio frequency emissions compliance report and certification, and shall certify that the facility complies with all applicable FCC standards as of the date of the update. If the radio frequency emissions compliance report and certification demonstrates that the cumulative levels of radio frequency emissions exceed FCC standards, the Community Development Director may require the applicant to modify the location or design of the facility and/or implement other mitigation measures to ensure compliance with the FCC standards.
22. Eligible Facilities Requests that do not require a "Substantial Change in Physical Dimensions" shall be processed in accordance with 47 U.S.C. Section 1455, and any duly authorized implementing orders and regulations of the Federal Communication Commission. In reviewing permits for qualifying Eligible Facilities Requests, the Community Development Director shall be required to approve applications, but shall retain discretion to enforce and condition approval on compliance with generally applicable building, structural, electrical, and safety codes and with other laws codifying objective standards reasonably related to health and safety.

23. Per BMC Section 10-1-1118(D)(3)(m) and (n), within 30 days after discontinuation of the use, the wireless telecommunication provider (applicant) shall notify the Community Development Director in writing that use of the facility has been discontinued. The wireless telecommunications provider must completely remove the approved facility, and the site shall be returned to its pre-facility condition within 180 days of discontinuation of use.
24. Should the applicant violate any of the conditions of this approval, this permit may be modified or revoked by the City.

Building and Safety Division

25. Copy All projects shall comply with Title 9, Chapter 1, of the Burbank Municipal Code, and the 2022 edition of the California Building Code, California Residential Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Green Building Standards and Building Energy Efficiency Standards, including all intervening Code Cycles.

The 2022 California Building Standards Code is applicable to projects that submit a building permit application on or before December 31, 2025. The 2025 California Building Standards Code is applicable to projects that submit a building permit application on or after January 1, 2026.

26. Plans and reports submitted for Plan Check Review are to be submitted electronically. For more information about the online submittal process, please contact the Building Division at 818-238-5220 or via email at eplancheck@burbankca.gov.
27. All conditions of approval are to be reproduced on the construction document drawings as part of the Approved Construction Set.
28. All Departments that have provide Conditions of Approval are to review drawings and provide final approval via online electronic review, prior to issuance of Building Permit.
29. Business Tax should be updated to reflect change in business type.
30. Separate Permits will be required for the following: (BMC 9-1-1-105)
 - a. Demolition
 - b. Grading & Shoring
 - c. Architectural & Structural
 - d. Mechanical
 - e. Plumbing
 - f. Electrical

31. The property shall comply with accessibility requirements for the various occupancies as stated in California Building Code Chapter 11. Accessibility regulations apply to all common areas and pools and spas.
32. Construction projects must comply with Best Management Practices for construction and stormwater runoff requirements of the National Pollutant Discharge Elimination System MS4 Permit.
33. The City's mandatory Construction & Demolition Debris Diversion Ordinance requires the recycling and diversion of at least 65% of construction and demolition debris. A refundable deposit and non-refundable administrative fee will be collected prior to permit issuance. The Ordinance applies to all demolitions and to new construction, additions, remodels, renovation, tenant improvement and alteration projects over 500 square feet in scope of work. (BMC 9-1-11-1012)
34. Approved hours of construction are: (BMC 9-1-1-105.10)

Monday – Friday	7:00 am to 7:00 pm
Saturday	8:00 am to 5:00 pm

No construction is permitted by contractors or subcontractors after hours, on Sunday or on City holidays without prior written request and approval from the Community Development Department.
35. Deferral of any submittal items shall have prior approval of building official. The registered design professional in responsible charge shall list the deferred submittals on construction documents for review. (BMC 9-1-2 & CBC 107.3.4.1)
36. Development Impact Fees are assessed by the City for construction of new commercial square footage as listed in the Burbank Fee Schedule and Title 10, Article 22, of the Burbank Municipal Code. (BMC 10-22-1)

Public Works Engineering Division

37. Applicant shall protect in place all survey monuments (City, County, State, Federal, and private). Pursuant to California Business Profession Code Section 8771, when monuments exist that may be affected by the work, the monuments shall be located and referenced by or under the direction of a licensed land surveyor or licensed civil engineer legally authorized to practice land surveying, prior to construction, and a corner record or record of survey of the references shall be filled with the county surveyor. A permanent monument shall be reset, or a witness monument or monuments set to perpetuate the location if any monument that could be affected, and a corner record or record of survey shall be filled with the county surveyor prior to then recording of a certificate of completion for the project.
38. No building appurtenances for utility or fire service connections shall encroach or project

into the public right-of-way (i.e., streets and alleys). Locations of these appurtenances shall be shown on the building site plan and the off-site improvement plans [BMC 7-3-701.1].

39. No structure is permitted in any public right-of-way or any public utility easements/pole line easements [BMC 7-3-701.1, BMC 9-1-1-3203].
40. Any work within the public right-of-way must be permitted and approved by the Public Works Department before construction can commence. All construction work in the public right-of-way must comply with Burbank Standard Plans and must be constructed to the satisfaction of the City Engineer. A Public Works Excavation Permit is required. The excavation permit requires a deposit acceptable to the Public Works Director to guarantee timely construction of all offsite improvements. Burbank Standard Plans can be accessed at <https://www.burbankca.gov/web/public-works/standard-plans>
41. Any work within the public right-of-way must be permitted and approved by the Public Works Department before construction can commence.
42. Any portion of the public parkway (curb, gutter, driveways, landscape, etc.) that is broken, uneven, or uplifted at the end of the project must be reconstructed to the satisfaction of the City Engineer. The repairs and/or reconstruction will be required whether the damage is pre-existing or a result of the project. Contact the Public Works Inspection Office at (818) 238-3955 to have these areas inspected and identified after obtaining a Public Works Excavation Permit [BMC 7-3-501].

Public Works Stormwater Requirements

43. Best Management Practices shall apply to all construction projects and shall be required from the time of land clearing, demolition, or commencement of construction until receipt of a certificate of occupancy [BMC 9-3-407].

Burbank Water and Power Electric Division

44. Any proposed switchgear modification will require pre-approval from BWP and the Building Division. A U.L. field evaluation may also be required. If the customer is requesting new, upgraded, or replaced metered electric panels, the project will be subject to Aid-in-Construction (AIC) charges set forth in Section 3.26 of the latest version of BWP's Rules and Regulations for Electric Service, along with Capacity Charges based on the kVA demand of such new, upgraded, or replaced metered electric panels, which will be applied according to the current City of Burbank Fee Resolution. The kVA demand is calculated using the formulas per BWP Rules and Regulations 3.26(g).
45. Pursuant to Burbank Municipal Code section 5-3-208, the sale or resale of electricity is prohibited. Electricity provided under this code is intended solely for the end user's direct consumption and may not be redistributed, resold, or otherwise transferred to any third party for compensation or other consideration.
46. The proposed back-up generator installation will require the addition of a disconnecting

means or transfer mechanism that provides a break in the electrical circuit prior to making any connection to the existing service panel.

Parks and Recreation Department

47. The Project must comply with Art in Public Places Ordinance if building costs are over \$500,000.
48. Tree Protection Zones are required to be shown on Plans and be in place before construction starts and during entire construction process for Parkway tree.
49. No tree work or tree trimming allowed on Parkway trees.

ATTACHMENT F

FCC Compliance – Application and Exhibits

1. General Commercial and Industrial Development Permit Application Form
2. Conditional/Administrative Use Permit Supplemental Application Form
3. Wireless Telecommunications Facilities (WTF) Supplemental Application
4. **Exhibit 2.03** – Letter of Agency (LOA) appointing Applicant as agent for Project Owner
5. **Exhibit 2.05** – Letter of Agency (LOA) appointing Applicant as agent for Property Owner
6. **Exhibit 2.10** – Project Owner’s ‘Certificate of Public Convenience and Necessity’ (CPCN)
7. **Exhibit 3.15** – Appendix A form (2 pages) from "A Local City Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance."
8. **Exhibit 3.15-A** – Additional RF safety compliance information
9. **Exhibit 3.17** – All required FAA/FCC forms including all Exhibits and exhibits thereto, including without limitation FAA Form 7460
10. **Exhibit 4.12** – A written statement fully and expansively describing how this Project intends to close or reduce an asserted “significant gap” in a wireless telecommunications network, as outlined in 4.12 of the WTF Supplemental Application.
11. **Exhibit 4.15** – A written statement fully and expansively describing why the proposed project is the least intrusive means to close the significant gap claimed and described in 4.12 of the WTF Supplemental Application
12. **Exhibit 6.20** – RF Coverage map showing the existing RF coverage within the City of Burbank on the Applicant’s same network
13. **Exhibit 6.25** – RF Coverage map showing RF coverage to be provided only by the Project.
14. **Exhibit 7.01** – Photo simulations consistent with the standards outlined in 7.01 of the WTF Supplemental Application form
15. **Exhibit 8.04** – The physical address of each such other location, and an expansive technical explanation as to why each such other site was disfavored over the Project site.
16. **Exhibit 8.05** – Radio Frequency Report
17. **Exhibit 10.01** – Noise Study

General Commercial and Industrial Development Permit Application Form



City of Burbank
 Planning Division
GENERAL COMMERCIAL AND INDUSTRIAL DEVELOPMENT PERMIT
 Application

150 North Third Street
 Burbank, California 91502
 www.burbankca.gov
 T: 818-238-5250
 F: 818-238-5150

A General Commercial and Industrial development permit application form, along with all applicable specific application forms and other required materials must be completed and submitted to the Planning and Transportation Division for all projects that are subject to review and/or approval by the City of Burbank. Please complete each section. If certain items do not apply to this project, please indicate with a "N/A." Incomplete application forms may result in processing delays.

NOTE: Unless exempt, all project applications are subject to the requirements and guidelines of the California Environmental Quality Act (CEQA). Should you have any questions please call the Planning Division at 818-238-5250.

Application Types		
<input type="checkbox"/> Administrative Use Permit	<input type="checkbox"/> General Plan Amendment	<input type="checkbox"/> Sign Variance
<input type="checkbox"/> Conditional Use Permit	<input type="checkbox"/> Lot Line Adjustment	<input type="checkbox"/> Variance
<input type="checkbox"/> Covenant Agreement	<input type="checkbox"/> Map (Tentative Tract Map, Parcel Map)	<input type="checkbox"/> Zone Map Amendment
<input type="checkbox"/> Development Agreement	<input type="checkbox"/> Planned Development	<input type="checkbox"/> Zone Text Amendment
<input type="checkbox"/> Development Review	<input type="checkbox"/> Parking Agreement	<input checked="" type="checkbox"/> Other <u>PERMITTED (M-2 ZONE)</u>

Project Information	
Project Address:	Zoning:
Current use of site:	Existing Covenants: <input type="checkbox"/> No <input type="checkbox"/> Yes. If yes, attach copies
Lot Area:	Year(s) structure(s) built:
APN:	Legal Description:
Number of existing on-site parking spaces:	Existing square footage:
Current Site Description: Describe the project site as it currently exists, including information about topography, soil stability, plants (including mature trees) and animals, and any cultural historical or scenic attributes. Describe any existing structure(s) on the site and the use of the structure(s). Attach photographs of the site. (Prepare/attach separate exhibit(s) as necessary)	
Existing M-2 zoned 63'-8" parking garage.	
Project Description/Applicant Request: (You may need to prepare and attach separate exhibits)	
<ol style="list-style-type: none"> 1. If the project involves demolition and new construction, describe total project. e.g. demolition, age of building to be demolished, grading, excavation, construction, etc. 2. If commercial, indicate the type, whether neighborhood, city, or regionally oriented, square footage of sales area, square footage of office area, loading facilities, and number of employees. 3. If industrial, indicate type, estimated employment per shift, number of shifts and loading facilities. 4. If institutional, indicate the major function, estimated employment per shift, number of shifts, estimated occupancy, loading facilities, and community benefits to be derived from the project. 5. Will project be owner-occupied or will it be leased to tenants not currently identified? If tenants are known, please list them. 	
Verizon Wireless new telecom facility behind screening on existing M-2 zone parking garage. Please see enclosed detailed project description and required exhibits.	

Project No. _____ Address: _____ Date: _____

Applicant	
Name/Firm: 15505 Sand Canyon Avenue, Irvine, CA 92618	
Address:	
Primary phone number	Alternate phone number
E-mail address: X	
Primary contact for this application: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Property Owner of Record	
Name/Firm: Jeremy McDowell, CFO	
Address: 2710 Winona Avenue, Burbank, CA 91504	
Primary phone number 818-565-1667	Alternate phone number
E-mail address:	
Primary contact for this application: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Contact Person (If different from above)	
Name/Firm: Jeremy Siegel, Applicant Authorized Application Representative	
Address: 9010 112th Avenue NE, Kirkland, WA 98033	
Primary phone number 714-366-8047	Alternate phone number
E-mail address: jeremy.siegel@triadgroup.com	
Primary contact for this application: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Property Owner's Affidavit	Applicant's Affidavit
<p>I hereby certify that I am the legally authorized owner of the property involved in this application or have been empowered to sign as the owner on behalf of a corporation, partnership, or business as evidenced by the documents attached hereto. I hereby grant to the applicant of this form permission to submit this application. I declare under penalty of perjury that the foregoing is true and correct.</p>	<p>I hereby certify that the information furnished in this application and the attached materials are true and correct to the best of my knowledge and belief. Further, should the stated information be found false or insufficient, I agree to revise the information as appropriate. I understand that the City of Burbank cannot process this application until all required information is provided. I understand there is no guarantee, expressed or implied, that any permit or application will be granted. I understand that each matter must be carefully investigated and the resulting recommendation or decision may be contrary to a position taken or implied in any preliminary discussions. I understand that I have the burden of proof in the matter arising under this application. I declare under penalty of perjury that the foregoing is true and correct.</p>
<p>Property owner's signature: </p>	<p>Applicant signature: </p>
<p>Date: 2/20/2025</p>	<p>Date: 02-21-2025</p>

Staff Comments (For City Use Only)			
Filing fee:		Date received:	
Project No.:		Received by:	
<input type="checkbox"/> Plans	<input type="checkbox"/> Labels	<input type="checkbox"/> Radius Map	
Notes:			

Project No. _____ Address: _____ Date: _____



City of Burbank
Planning Division

Indemnification Agreement

150 North Third Street
Burbank, CA 91502
www.burbankca.gov
T: 818-238-5250
E: Planning@burbankca.gov

TO ALL APPLICANTS: This must be submitted with your application.

Indemnification Agreement:	
<p>I, the Applicant, including my successors and assignees, hereby agree to defend, indemnify, and hold harmless the City of Burbank (the City) and its agents, officers, employees, agencies, boards, commissions, and City Council from any claim, action or proceeding brought against the City, its agents, officers, employees, agencies, boards, commissions, or City Council to attack, set aside, void or annul an approval of the subject application or related decision, including, but not limited to, the processing or adoption of any environmental documents or determinations under the California Environmental Quality Act or National Environmental Policy Act. The indemnification shall include damages awarded against the City, if any, cost of suit, attorney's fees, administrative expenses, and any other costs and expenses incurred in connection with such action, including, but not limited to, all such City costs and expenses incurred by enforcing this indemnification provision. In the event of a legal challenge, the provisions under BMC Section 10-1-19402 shall be applied.</p>	
<p>Property Owner Signature <i>(must be original wet signature):</i></p> 	<p>Applicant Signature <i>(must be original wet signature):</i></p> 
<p>Date:</p> <p>2/20/25</p>	<p>Date:</p> <p>02-21-2025</p>

Note: Pursuant to Burbank Municipal Code (BMC) 10-1-19401 this duty to defend, indemnify, and hold harmless the City and its agents, officials, employees, agencies, commissions, or City Council shall apply even if the applicant fails or refuses to enter into the indemnification agreement.

ENVIRONMENTAL INFORMATION

1. List and describe all other related permits and other public approvals required for the project, including those required by City, Regional, State and Federal agencies.

Are the following items applicable to the project or its effects? Discuss below all items checked yes. (Attach additional sheets as necessary.)

2. Are Federal, State and/or County funds involved in this project? If yes, please specify:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
3. Will paints, solvents, asbestos, pressurized gas, cleaning fluids, acids or other chemicals be used in the business? If yes, please specify:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4. Do you have a hazardous materials list on file with the Burbank Fire Department?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5. Change in existing features of any hills or substantial alteration of topography	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
6. Change in scenic views or vistas from existing residential areas, public lands or roads	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7. Change in pattern, scale or character of general area of project	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
8. Significant amounts of solid waste or litter	<input type="checkbox"/> Yes	<input type="checkbox"/> No
9. Change in dust, ash, smoke, fumes or odors in vicinity	<input type="checkbox"/> Yes	<input type="checkbox"/> No
10. Change in ground water quality or quantity, or alteration of existing drainage patterns	<input type="checkbox"/> Yes	<input type="checkbox"/> No
11. Substantial change in existing noise or vibration levels in the vicinity	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
12. Site on filled land or on slope of 10% or more	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
13. Use or disposal of potentially hazardous materials, such as toxic substances, flammable or explosives	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
14. Substantial change in demand for municipal services (police, fire, water, electricity, sewage, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
15. Substantial increase in fossil fuel consumption (electricity, oil, natural gas, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
16. Is there a relationship to a larger project or series of projects? If new construction or expansion of present facilities will take place after demolition, the action is part of a larger project.	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> X

17. Describe the surrounding properties, including information on plants (including mature trees) and animals and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (single-family, apartment houses, commercial, industrial, etc...). Photographs may accompany written description (Prepare/attach separate exhibit(s) as necessary.)

Property is located in M-2 Industrial Zone and is an existing parking garage. Subject property is surrounded by industrial zone uses.

18. Describe how the project will affect existing patterns of land use. If new construction alters land use from existing patterns, requires a variance or conditional use permit, or increases size or bulk of existing uses please describe. (Prepare/attach separate exhibit(s) as necessary.)

The proposed project will have no affect on existing patterns of land use and is unmanned, fully screened rooftop wireless facility.

Project No. _____ Address: _____ Date: _____

Conditional/Administrative Use Permit Supplemental Application Form



City of Burbank
 Planning and Transportation Division
CONDITIONAL/ADMINISTRATIVE USE PERMIT
 Application

150 North Third Street
 Burbank, California 91502
 www.burbankusa.com
 T: 818-238-5250
 F: 818-238-5150

TO ALL APPLICANTS: There is no guarantee, expressed or implied, that any permit or application will be granted. The applicant shall understand that each matter must be carefully investigated and the resulting decision may be contrary to a position taken or implied in any preliminary discussions. Also note the burden of proof regarding this application rests upon the applicant.

PLEASE PROVIDE THE FOLLOWING:

1. Application Fees. A Los Angeles County Clerk filing fee for CEQA may be required at time of application and another fee may be necessary depending on the type of environmental review required
2. A general application, radius map, and labels (in accordance with attached requirements)
3. 18 full sized copies of site plan, floor plans, and elevations to show alterations or new construction proposed, drawn to scale and adequately dimensioned and one reduced copy of the plans (11" x 17"). (See attached plan requirements)
4. 18 copies of any supporting documents that are in color
5. Evidence to support the required findings. The required findings must be made in order for the Planning Board to approve your request. You may use the following section, or provide separate sheets as necessary

REQUIRED CONDITIONAL USE PERMIT FINDINGS (ATTACH ADDITIONAL SHEETS AS NECESSARY):

Is the proposed use authorized through a conditional use permit by Title 10 of the Municipal Code?
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS
Is the use detrimental to existing uses or to uses specifically permitted in the zone in which the proposed use is to be located?
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS
Will the use be compatible with other uses on the same lot, and in the general area in which the use is proposed to be located?
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS
Is the site for the proposed use adequate in size and shape to accommodate the use and are all of the yards, setbacks, walls, fences, landscaping and other features required to adjust the use to the existing or future uses permitted in the neighborhood?
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS
Is the site for the proposed use related to streets and highways properly designed and improved to carry the type and quantity of traffic generated or to be generated by the proposed use? Are the conditions imposed necessary to protect the public health, convenience, safety and welfare?
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS
Statement of additional facts:
SEE ATTACHED CONDITIONAL USE PERMIT FINDINGS

Project No. _____ Address: _____ Date: _____

City of Burbank
Rooftop Wireless Telecommunications Facility
2710 WINONA AVE. BURBANK, CA 91504
APN: 2466-013-018

CONDITIONAL USE / AUP PERMIT FINDINGS

Is the proposed use authorized through a conditional use permit by Title 10 of the Municipal Code?

The proposed Verizon Wireless rooftop facility is located atop the existing parking garage and is fully screened from public view, minimizing visual and aesthetic impacts. The placement of the equipment ensures that no ground-level operations, parking activities, or access to the building are obstructed or altered in any way.

Given its rooftop location and compliance with all applicable zoning standards, including setbacks, height limitations, and screening requirements, the proposed use is compatible with surrounding properties and the intended character of the zone. It will not interfere with or be detrimental to existing uses or to those specifically permitted in the zone. The facility provides essential wireless infrastructure while maintaining the operational integrity and visual character of the site and surrounding area.

Is the use detrimental to existing uses or to uses specifically permitted in the zone in which the proposed use is to be located?

Because the installation complies with all applicable zoning standards for M-2, including height, setback, and screening requirements, it is consistent with the character and intended uses of the zone. The project is designed to be compatible with surrounding properties and will not interfere with, or be detrimental to, existing uses or those specifically permitted in the area. In this context, the proposed use enhances wireless infrastructure while maintaining the functional and visual integrity of the site and its surroundings.

Will the use be compatible with other uses on the same lot, and in the general area in which the use is proposed to be located?

The facility is consistent with the surrounding area's character, which includes commercial and mixed-use development, and adheres to all applicable zoning standards, including height, setback, and screening requirements. Given these factors, the proposed use is compatible with both other uses on the property and the general area, providing essential wireless infrastructure without creating adverse impacts.

Is the site for the proposed use adequate in size and shape to accommodate the use and are all of the yards, setbacks, walls, fences, landscaping and other features required to adjust the use to the existing or future uses permitted in the neighborhood?

The proposed Verizon Wireless facility is located on the rooftop of an existing parking garage, a site that is adequate in size and configuration to accommodate the equipment without interfering with existing uses or site circulation. The facility is fully screened with enclosures that are designed to blend seamlessly with the garage's architecture, including matching colors, textures, and materials, ensuring minimal visual impact.

All required development standards—including setbacks, screening, and compatibility with surrounding uses—are met. The project preserves the functional and visual integrity of the property while maintaining compatibility with future uses permitted in the neighborhood. The design, placement, and screening measures ensure that the site is appropriately adjusted to integrate the use with both the existing structure and surrounding area.

Is the site for the proposed use related to streets and highways properly designed and improved to carry the type and quantity of traffic generated or to be generated by the proposed use? Are the conditions imposed necessary to protect the public health, convenience, safety and welfare?

The proposed Verizon Wireless facility is located on the rooftop of an existing parking garage and will not generate vehicular or pedestrian traffic beyond that already associated with the building. No new access points, parking modifications, or street improvements are required, as the installation is entirely self-contained and does not alter the site's circulation.

Given the nature of the use, the project does not pose any adverse impacts to public health, safety, or welfare. Standard conditions, such as compliance with building codes and proper installation of screening and safety equipment, are sufficient to ensure that the facility operates safely and is fully compatible with the surrounding streets and highways.

Wireless Telecommunications Facilities (WTF) Supplemental Permit Application Form



City of Burbank
Planning and Transportation Division

150 North Third Street
Burbank, California 91502
www.burbankusa.com
T: 818-238-5250
F: 818-238-5150

**SUPPLEMENTAL APPLICATION FORM
WIRELESS TELECOMMUNICATIONS FACILITIES**

An appointment is required to file an application for a Wireless Telecommunications Facility. Call the Planning Division at (818) 238-5250 during regular business hours to make an appointment. A maximum of three (3) applications may be accepted at a single appointment. Please note: incomplete applications will not be accepted for filing.

The City of Burbank recognizes that the provision of wireless and DAS services are highly technical enterprises subject to various federal, state, and local regulations. This supplemental application form is designed to provide the necessary and required technical information in support of an encroachment permit, Conditional Use Permit ("CUP"), Administrative Use Permit ("AUP"), Variance, or building permit application for a new or modified wireless telecommunications site project or a Distributed Antenna System ("DAS") project within the City of Burbank.

Completion of the supplemental application is a mandatory for a wireless project. This form assists the City of Burbank to comply with its duties under Sections 10-1-1118 of the Burbank Municipal Code (BMC); Sections 253, 332, and 704 of the Communications Act of 1934 as amended; the FCC Shot Clock Order (FCC 09-99); California Public Utilities Code Sections 7901 and 7901.1; the California Environmental Quality Act (CEQA); the provisions of Government Code Sections 65850.6 and 65964; and other local, state, and federal laws, regulations, and court rulings. The City of Burbank requires that the applicant provide this information to assist in creating a written administrative record containing substantial evidence sufficient to permit the City of Burbank's informed consideration of your request, and to determine the rights and obligations of the City of Burbank and the applicant/owner of the proposed project.

No application for a new wireless site or for a modification of an existing wireless site shall be accepted for processing, determined to be "Complete," or be considered for a determination of completeness until all required responses to this supplemental application form and required attachments are completed and submitted to the City of Burbank Planning Division.

If you do not believe that a specific item of information is necessary or applies to your application, mark the item on this form with the words "Not Applicable" and attach a detailed written explanation as to the basis why you believe the item is not applicable (e.g., "Question 94.7 does not apply to this application because the proposed Project has no microwave transmission element.") An unsupported statement such as "Question 94.7 does not apply" is insufficient, and the determination of completeness of your application will be delayed while you provide a meaningful and detailed explanation.

Every page of this form **including this page and the last page** must be submitted to the City of Burbank. Each page **including this page and the last page** must be initialed where indicated. The last page must also be completed, signed, and dated. Note that gaps in the numbering of this form are intentional; please do not renumber questions or responses in your reply.

Questions about this form or the required information to be provided should be directed to the City of Burbank Planning Division at (818) 238 – 5250 during regular business hours.

1.00: **Project Location and Applicant Information**

1.01:	Project Physical Address	2710 WINONA AVE. BURBANK, CA 91504
1.02:	Applicant's Site Number (if any)	VZW SITE NAME: BRIGHTON
1.03:	Assessor's Parcel Number:	2466-013-018
1.04:	Legal Name of Applicant (Wireless Carrier or DAS Firm, referred to in this for as the "Project Owner")	<input type="checkbox"/> Owner <input type="checkbox"/> Owner's Representative Verizon Wireless
1.05:	Applicant Representatives name is:	Jeremy Siegel, Triad Group, Inc. Authorized Representative for Applicant; Verizon Wireless
1.06:	Applicant's Address Line 1:	9010 112th Avenue NE, Kirkland, WA 98033
1.07:	Applicant's Address Line 2:	
1.08:	Applicant's Address Line 3:	
1.09:	Applicants Address Line 4:	
1.10:	Applicant's Phone number:	714-366-8047
1.11:	Applicant's Mobile number:	
1.12:	Applicant's Fax number:	
1.13:	Applicant's Email address	jeremy.siegel@triadgroup.com

1.14 Does the scope of work that pertains to the proposed project qualify it as an Eligible Facilities Request pursuant to section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012?

___ Yes ___ No
x

1.15 If the answer to 1.14 is Yes, please attach an additional document explaining how the project falls under the criteria of an Eligible Facilities Request. Designate this exhibit as "Exhibit 1.15."

Initial here _____ to indicate that Exhibit 1.14 is attached to this form.

1.16 Provide the City of Burbank Business License number for the Applicant or Applicant's firm listed in 1.10: _____

1.20 Proceed to Section ^{TBD} 2.00.

2.00: **Project Owner Information and CPCN Information**

2.03: Attach a letter of agency appointing the Applicant's Representative as the agent for the Project Owner in connection with this application. Designate the letter of agency as "Exhibit 2.03."

Initial here ^{js} _____ to indicate that Exhibit 2.03 is attached to this form.

2.05: Attach a letter of agency appointing the Applicant's Representative as the agent for the underlying Property Owner in connection with this application. Designate the letter of agency as "Exhibit 2.05."

Initial here ^{js} _____ to indicate that Exhibit 2.05 is attached to this form.

2.07: Does the Project Owner hold a California Public Utilities Commission 'Certificate of Public Convenience and Necessity' (CPCN) for any service to be provided by this project?

Yes No

2.08: If the answer to 2.07 is No, proceed to Section 3.01.

2.10 Provide a true and complete copy of the Project Owner's CPCN and mark it as "Exhibit 2.10."

Initial here ^{js} _____ to indicate that the Exhibit 2.10 is attached to this form.

2.20 Proceed to Section 3.00.

3.00: **FCC License / RF Safety Compliance / FAA Compliance**

3.01: For each entity that will be using the Project site, provide the information in this section. If more than one entity will be using the Project site, provide separate information for each entity using the project site.

Note to DAS provider applicants who are NOT the licensee to be transmitted from the site or who are not in sole control of the RF emissions from the Project: The required information in this Section must be provided on the letterhead of each entity. Each such response must also be signed by an authorized representative of the FCC licensee or the entity in control of the RF emissions, as well as that person's printed name and title, address and telephone number.

3.02: For questions 3.03 through 3.09 inclusive, disclose all information for each proposed Radio Frequency signal emitter ("RF Emitter") at the project site.

3.03: Name of RF Emitter:

3.04: RF Emitter's Address Line 1: 15505 Sand Canyon Avenue, Irvine, CA 92618

3.05: RF Emitter's Address Line 2:

3.06: RF Emitter's Phone number: 714-366-8047

3.07: RF Emitter's Fax number:

3.08: RF Emitter's Contact E-mail address:

3.09: Use of facility:
(Check all that apply) Amateur Radio
 Broadcast Radio
 Broadcast TV
 Cellular telephone
 Enhanced Specialized Mobile Radio
 Microwave
 PCS telephone
 Paging
 SMR/ESMR
 WiMax/WIFI
 Satellite Uplink/ Satellite Downlink
 Other(s) (specify): _____

Notice: Applicants not operating under their own FCC license(s) must mark "Other" and disclose of all information required here for all entities that use the project.

3.10: Project latitude and longitude: N _____ W _____
Specify DATUM used above: 34.19905205582164, -118.3409411605904

3.11: WGS84 NAD23 NAD83
 Other DATUM (specify)x _____

3.12: Project maximum height (ft. AGL):

3.13: Bottom of lowest transmitting antenna (ft. AGL): 65-2

3.14: RF Emissions ("Rad") center of the lowest transmitting antenna (ft. AGL): 57-2

61-2

4.00: **Project Purpose**

4.02 Distributed Antenna System (DAS) providers applicants: Unless the DAS provider is the FCC licensee for the proposed project or the emissions from the site are solely within the DAS provider's control, the answers to this Section 4 must be provided by the each wireless user that will be transmitting RF emissions from the Project Site, and those answers must be provided on the letterhead of the wireless user and signed by an authorized signer of the wireless user. Each such response must also be signed by an authorized representative of the wireless user, as well as that person's printed name and title, address and telephone number.

4.03: For each entity that will be using the Project site, provide the information this section. If more than one person/legal entity, provide separate information for each person/legal entity using the Project site.

4.05: Indicate the dominant purpose of the Project (check one or more, then proceed as directed):

Add network capacity without adding significant new RF coverage area; Proceed to Section 4.10.

Provide significant new radio frequency coverage in an area not already served by radio frequency coverage; Proceed to Section 4.10.

Increase the existing RF signal level in an area with existing radio frequency coverage; Proceed to Section 4.10.

Other; Proceed to Section 4.07.

4.07 Attach a written statement fully and expansively describing all portions or elements of the "Other" dominant purpose of this Project. Designate this exhibit as "Exhibit 4.07."

Initial here NA to indicate that Exhibit 4.07 is attached to this form.

4.10 Is this Project intended to close or reduce an asserted "significant gap" in a wireless telecommunications network?

Yes No

4.11 If the answer to 4.10 is NO proceed to Section 4.20.

4.12 Attach a written statement fully and expansively describing the following:

a. A clear description of the geographic boundary of the claimed significant gap area; and

b. Attach a street-level map showing the geographic boundary of the claimed significant gap stated in 4.12(a); and

c. Identify the size of the area, in units of square miles, of the claimed significant gap; and

- d. Explain exactly the definition of the term “significant gap” as it applies to this project; and
- e. Explain exactly how the definition of significant gap term defined in 4.12(d) was developed, and identify who developed that definition, and when the definition was developed; and
- f. Discuss whether the significant gap term defined in 4.12(d) is identical to that term as used by some or all wireless carriers in the City of Burbank and/or the wireless industry as a whole, or whether that information is unknown; and
- g. Specify whether the definition of “significant gap” provided in 4.12(d) is the same definition used in by this applicant and owner in all of its prior projects submitted to the City of Burbank, and if not, explain all differences and the reasons for the differences; and
- h. Discuss in detail all of the following in relation to the claimed significant gap area only (where you have relied on external data sources, identify those sources in your response):
 - 1. Whether claimed significant gap affects significant commuter highway or railway, and if so, name each highway or railway, and how affected; and
 - 2. Describe in detail the nature and character of that area or the number of potential users in that area who may be affected by the claimed significant gap; and
 - 3. Describe whether the proposed facilities are needed to improve weak signals or to fill a complete void in coverage, and provide proof of either; and
 - 4. If the claimed significant gap covers well-traveled roads on which customers lack roaming capabilities, identify all such well-traveled roads by name within the claimed significant gap area and provide road use information about each such road; and
 - 5. If one or more “drive tests” has been conducted within the claimed significant gap area, discuss in detail the methodology of how the test(s) was conducted, including details about the test equipment model numbers and location of the test equipment and antennas in or on the test vehicle, and provide all of the objective data collected during the drive test in .XLS or .CSV or similar portable spreadsheet format; and
 - 6. If the claimed significant gap affects a commercial district, show the boundaries of the district on the map; and
 - 7. If the claimed significant gap poses a public safety risk, describe in detail the claimed risk, and then expansively discuss the basis for this claim; and
- i. If the claimed significant gap is based in whole or in part on factors regarding any factor related to switching center capacity; dropped calls; failed hand-offs; interference from or to other cell sites; pilot channels; site hopping; degraded RXQUAL; degraded Ec/Io; and/or any failure to meet any carrier transmission goal or percentage goal, attach at least the most recent twelve months of historical data by month documenting at least (1) the results or numerical data of

each claimed parameter; (2) the wireless carrier's numerical and percentage requirements for each such claimed perimeter; (3) the total number of calls attempted for each month both successfully and unsuccessfully completed; (4) the total number of calls that were not completed including failed originations; failed hand-offs; and non-normal call terminations; and (5) for every such claimed parameter that is not categorized by way of number or percentage, provide the data in the way kept by the carrier; and

- j. Provide all other relevant information you want the City of Burbank to consider when evaluating your claim of a significant gap.

Designate this exhibit as "Exhibit 4.12."
Initial here js to indicate that Exhibit 4.12 is attached to this form.

4.13 Is the proposed project the least intrusive means to close the significant gap claimed and described in 4.12?
 Yes No

4.14 If the answer to 4.13 is NO proceed to Section 4.20.

4.15 Attach a written statement fully and expansively describing at a minimum:

- a. Why this project is the least intrusive means to close the significant gap claimed and described in 4.12.
- b. Identify and discuss all alternative sites and means considered to close the significant gap claimed and described in 4.12.
- c. Whether two or more sites in lieu of the site proposed in Section 1 could close the significant gap claimed and described in 4.12, or to reduce the significant gap to be less than significant, with less impact on the community as compared with a single site? If the answer is no, please explain in narrative format the basis for that answer.
- d. Whether the City of Burbank requiring two or more sites in place of the site proposed in Section 1 would prohibit or have the effect of prohibiting the applicant from providing any interstate or intrastate telecommunications service. If the response asserts that a prohibition or effective prohibition would occur, explain in detail in narrative form all of the reasons why it would.
- e. Include and attach all information whatsoever you relied on in reaching your affirmative determination in 4.13.
- f. Include any other information you believe would assist the City of Burbank make findings regarding whether the proposed project is the least intrusive means of closing the significant gap claimed and described in 4.12, or to reduce the significant gap to be less than significant.

Designate this exhibit as "Exhibit 4.15."

js

Initial here _____ to indicate that Exhibit 4.15 is attached to this form.
Proceed to Section 4.20.

- 4.20 If any portion of the project is to utilize radio spectrum that does not require an FCC license, identify in detail the portions of the project that used unlicensed spectrum.

Designate this exhibit as "Exhibit 4.20."

NA

Initial here _____ to indicate that Exhibit 4.20 is attached to this form.

- 4.25 Is this project designed to use any form of direct site-to-site light-of-sight radio interconnection (i.e., microwave or donor/donee configuration, for example) with another existing or currently planned site? ___ Yes No

4.26: If the answer to 4.25 is NO proceed to Section 4.30.

- 4.27: Attach a detailed written statement fully and expansively describing the radio interconnection proposed, and identify all other existing or planned sites that will be interconnected with this project. Designate this exhibit as "Exhibit 4.27."

Initial here NA to indicate that Exhibit 4.27 is attached to this form.

- 4.30: Does the applicant assert that this project is subject to 47 U.S.C. § 1455(a) [Section 6409(a) of the Middle Class Tax Relief Act of 2013]?
___ Yes No

4.36: If the answer to 4.30 is NO proceed to Section 5.00.

- 4.37: Attach a detailed written statement fully and expansively describing all of the reasons upon which the applicant believes that 47 U.S.C. § 1455(a) applies to this application. Designate this exhibit as "Exhibit 4.37."

Initial here _____ to indicate that Exhibit 4.37 is attached to this form.
NA

4.40: Proceed to Section 5.00.

5.00: **Build-Out Requirements**

5.01: Do any of radio services to be provided from the Project require the FCC licensee to provide specific radio frequency/population build-out coverage pursuant to the underlying FCC license conditions?
 ___ Yes ___ No

5.02: If the answer to 5.01 is NO proceed to Section 6.00.

5.03: Have all of the FCC build-out requirements been met for all licenses covering all radio services proposed at this Project?
 ___ Yes ___ No

5.04: If the answer to 5.03 is YES proceed to Section 6.00.

5.05: Disclose by licensee FCC call sign all build-out requirements/obligations which have not yet to be met, and the known or estimated date when the remaining build-out requirements will be met. Designate this exhibit as "Exhibit 5.05."

Initial here _____ to indicate that Exhibit 5.05 is attached to this form.

5.10 Will this proposed site be interconnected via radio frequency transmissions to any other site or sites now constructed, proposed, or anticipated? For the purpose of this question, interconnection includes one or more radio frequency links to provide for 'back-haul' from this site to a switching center or centralized node location.
 ___ Yes ___ No

5.11: If the answer to 5.10 is NO proceed to Section 6.00.

5.15 Identify by physical address (or if none, by geographic description) all other sites, regardless of whether now constructed, proposed, or anticipated, that are to be interconnected with this Project site. Disclose in technical detail the proposed method of interconnection. Designate this exhibit as "Exhibit 5.15."

Initial here _____ to indicate that Exhibit 5.15 is attached to this form.

5.20 Proceed to Section 6.00.

6.00: **Radio Frequency Coverage Maps**

6.03 If no geographic coverage area is identified by the entity controlling the RF emissions from the Project, *initial here* _____ and proceed to Section 7.00.

6.10: Where a licensee intends to provide radio frequency coverage from the Project to an identified geographic coverage, the coverage maps and information requested in Section 6 are required Exhibits.

Distributed Antenna System (DAS) providers who are providing antenna facilities for use by other parties: You must provide radio frequency coverage maps prepared by the FCC licensee(s) or other non-licensed users that will control the RF emissions from this Project. The radio frequency maps required by this section must reflect the existing and future RF emissions of the FCC licensee(s) or other non-licensed users. Supplemental DAS site-specific RF coverage maps provided by the DAS applicant are acceptable.

Radio frequency coverage maps required here that are completed by a DAS provider are unacceptable if they are not the FCC licensee or in full control of the RF emitter for the particular wireless service transmitted through the Project.

6.15 For the coverage maps required here, the following mandatory requirements apply. Failure to adhere to these requirements may delay your application's determination of completeness.

- a. The size of each submitted map must be no smaller than 11" by 8.5." Each map must be of the same physical size and map area scale. Each map must use the same base map (i.e., same streets and legends shown on all).
- b. If the FCC rules for any proposed radio service defines a minimum radio frequency signal level that level must be shown on the map in a color easily distinguishable from the base paper or transparency layer, and adequately identified by RF level and map color or gradient in the map legend. If no minimum signal level is defined by the FCC rules you must indicate that in the legend of each RF coverage map. You may show other RF signal level(s) on the map so long as they are adequately identified by objective RF level and map color or gradient in the map legend.

6.20: Provide a map consistent with the requirements of 6.15 showing the existing RF coverage within the City of Burbank on the Applicant's same network, if any (if no existing coverage, so state). This map should not depict any RF coverage to be provided by the Project. Designate this exhibit as "Exhibit 6.20."

Initial here _____
js to indicate that Exhibit 6.20 is attached to this form.

6.25: Provide a map consistent with the requirements of 6.15 showing the RF coverage to be provided only by the Project. This map should not depict any RF coverage provided any other existing or proposed wireless sites. Designate this Exhibit "Exhibit 6.25."

Initial here _____
js to indicate that Exhibit 6.25 is attached to this form.

6.30: Provide a map consistent with the requirements of 6.15 showing the RF coverage to be provided by the Project and by all other existing wireless sites on the same network should the Project site be activated. Designate this exhibit as "Exhibit 6.30."

Initial here _____ to indicate that Exhibit 6.30 is attached to this form.

6.40 Proceed to Section 7.00. _____
js

7.00: **Project Photographs and Photo Simulations**

7.01: The Applicant shall submit photo simulations consistent with the following standards:

1. Minimum size of each base photo and each photo simulation must be 10 inches by 8 inches (landscape orientation). Each base photo and matching photo simulation must be the same size. **Single sheets of 11 x 8 ½ inches showing base photos and photo simulations on the same page are unacceptable.**
2. All elements of the Project as proposed by the Applicant which can be seen from any point at ground level, or from any level within or on buildings within 500 feet of the Project must be shown in one or more close-in photo simulations (i.e., panel antennas, omni-directional antennas, GPS antennas, antenna camouflage devices, cable trays, equipment cabinets, working lights, etc.).
3. The overall Project as proposed by the Applicant must be shown in three or more area photo simulations. Base photographs must, at a minimum, be taken from widely scattered positions of 120 degrees. A map detail showing each location where a photograph was taken, the proposed site, and the direction to the site from each photo location must be included. Base photographs taken from locations that have some physical feature obscuring the Project site, and the photo simulations associated with those same base photographs, are not acceptable.

Attach all base photographs and photo simulations to this application marked as Exhibit 7.01.

The purpose of the photo simulations is to allow the City of Burbank to visualize the Project as completed, therefore the number of site photos, and photo simulations, and the actual or simulated camera location of these photos and photo simulations are subject to City of Burbank determination. The Applicant should submit photos and photo simulations consistent with these instructions, and be prepared to provide additional photos and photo simulations should they be requested by the City of Burbank.

The Applicant certifies by initialing in the space at the end of this paragraph that all of the photos and photo simulations provided for Exhibit 7.01 are accurate and reliable photographic representations of the current project site and the proposed project to be constructed or modified, and that the Applicant is fully aware that the City of Burbank will rely on all of the photos and photo simulations provided in Exhibit 7.01 when it considers approval of this Project, and later when determining project completion.

Applicant's initials: _____
js

7.20 Proceed to Section 8.00.

8.00: **Alternative Candidate Sites**

8.01: Amateur radio applicants proceed to Section 9.00.

8.02: Has the Applicant or Owner or anyone working on behalf of the Applicant or Owner secured or attempted to secure any leases or lease-options or similar formal or informal agreements in connection with this Project for any sites other than the proposed Project site?

x
 Yes No

8.03: If the answer to 8.02 is NO proceed to Section 8.05.

8.04: Provide the physical address of each such other location, and provide an expansive technical explanation as to why each such other site was disfavored over the Project site. Designate this exhibit as "Exhibit 8.04."

Initial here js to indicate that Exhibit 8.04 is attached to this form.

8.05: Considering this proposed site, is it the one and only one location within or outside of the City of Burbank that can possibly meet the objectives of the Project?

x Yes No

8.04: If the answer to 8.05 is NO, proceed to Section 9.00.

8.05: Provide a technically expansive and detailed explanation supported as required by comprehensive radio frequency data and all other necessary information fully describing why the proposed site is the one and only one location within or outside of the City of Burbank that can possibly meet the radio frequency objectives of the Project. Explain, in exact and expansive technical detail, all of the objectives of this Project that can be achieved only at this Project site, and why.

Designate this exhibit as "Exhibit 8.05."

Initial here js to indicate that Exhibit 8.05 is attached to this form.

8.20 Proceed to Section 9.00.

9.00: **Identification of Key Persons**

9.01: Identify by name, title, company affiliation, work address, telephone number and extension, and email address of the key person or persons most knowledgeable regarding this Project so that the City of Burbank may contact them with questions regarding the Project:

9.10 Person responsible for the final site selection for the Project;

Name: ~~Jeremy Siegel~~ **Authorized Verizon Wireless Representative**
Title:

Company Affiliation: **Triad Group, Inc**

Work Address:

Telephone / Ext.: **714-366-8047**

Email Address: **jeremy.siegel@eukongroup.com**

9.20 Person responsible for the radio frequency engineering of the Project;

Name: **Emran Elyas**
Title: **VZW Engineering**

Company Affiliation: **Verizon Wireless**

Work Address:

Telephone / Ext.:

Email Address: **emran.elyas@verizonwireless.com**

9.30 Person responsible for rejection of other candidate sites evaluated, if any;

Name: **Emran Elyas**
Title: **VZW Engineering**

Company Affiliation: **Verizon Wireless**

Work Address:

Telephone / Ext.:

Email Address: **emran.elyas@verizonwireless.com**

9.50 Proceed to Section 10.00.

10.00 **Noise Study**

10.01 A noise study for the proposed WTF shall be prepared by a qualified engineer. The noise study shall include, but is not limited to an analysis of equipment such as air conditioning units and backup generators and shall indicate that any noise generated by the proposed WTF and associated equipment will be in compliance with applicable noise regulations.

Initial here js to indicate that the Exhibit 10.01 is attached to this form.
This is not applicable, this is unoccupied existing parking structure and proposed project will comply with all existing City of Burbank noise ordinances.

11.00 Additional Information to be Provided by Applicant

11.01 Will any Hazardous Substances, as specified in The Hazardous Substances List found in Chapter 3.2, Subchapter 1, Article 5, Subsection 339 of the California Occupational Safety and Health Regulations be used at the Project site? If yes, please provide a separate explanation and designate this exhibit as "Exhibit 11.01"

___ Yes ^x ___ No

Initial here _____ to indicate that Exhibit 11.01 is attached to this form.

11.02 You are invited and encouraged to provide any additional written information of any kind that you wish the City of Burbank to consider in connection with your proposed project.

If you wish to attach additional written information, designate this exhibit as "Exhibit 11.02"

Initial here NA to indicate that Exhibit 11.02 is attached to this form,
or initial here JS to indicate that there is no Exhibit 11.02 attached.

11.20 Proceed to Section 12.00.

12.00: **Certification of Accuracy and Reliability**

12.01: The undersigned certifies on behalf of itself, the Applicant, the Project Owner, and the Property Owner that the information provided in this form and its contents are true and complete to the best of the undersigned's ability and knowledge, and that information provided herein can and should be relied upon by the City of Burbank as being accurate and complete as the City of Burbank evaluates this Project.



Signature

Jeremy Siegel

Print Name

Triad Group, Inc.

Print Company Name

2/21/2025

Date Signed

Authorized Applicant Representative

Title

jeremy.siegel@triadgroup.com

Provide E-mail Address

714-366-8047

Provide Telephone Number

Please remember to complete the information and sign above, and initial each page below.

A few reminders:

- 1) Incomplete applications will not be accepted, including all necessary items/attachments for this Wireless Supplemental Application Form;
- 2) Be sure that all YES/NO questions are answered;
- 3) Check to see that all required attachments are properly identified and attached;
- 4) Verify that you have initialed all of the required blanks, and at the bottom of every page;
- 5) Review your narrative answers/attachments for completeness;
- 6) If you have questions regarding this form, call the City of Burbank Planning Division for assistance.
- 7) **An appointment is required to file an application for a Wireless Telecommunications Facility.** To make an appointment, call the Planning Division at (818) 238-5250 and speak to a staff member during regular business hours.
- 8) A maximum of three (3) applications may be accepted at a single appointment.

Exhibit 2.03 & 2.05



15505 Sand Canyon Avenue
Building C
Irvine, CA 92618

Site Name: Brighton

Property Address: 2710 Winona Ave., Burbank, CA 91504

Parcel Number: 2466-013-018

LETTER OF AUTHORIZATION

The Owner of the subject property hereby authorizes Verizon Wireless and Triad Group and their employees, agents and contractors, to prepare, sign and file all entitlement, land use and building permit applications necessary to establish the proposed Verizon Wireless facility to be located on the property. It is agreed that the proposed facility's entitlements, land use and/or building applications will be submitted to the applicable jurisdiction at Verizon Wireless' sole risk and expense.

The Owner of the subject property hereby authorizes Verizon Wireless and Triad Group and their employees, agents and contractors, to hereby access the property for the purpose of conducting signal strength tests, soils, samplings, environmental surveys, determining equipment locations, coordinating utility services and conduit runs, and other engineering tasks required to complete the design of the proposed Verizon Wireless facility. It is understood that all access to the property will be coordinated in advance with the Owner's representative at mutually agreeable dates/times.

It is agreed that this Letter of Authorization is not a binding agreement among Verizon Wireless and Owner, and a long-term agreement is in the process of being completed among the parties and their representatives.

Signature: 

Name: Jeremy McDowell

Title: Chief Financial Officer

Phone #: 818-565-1667

Date: 2/20/25

Brighton

LETTER OF AUTHORIZATION

APPLICATION FOR ZONING/LAND USE ENTITLEMENTS

Property Address: 2710 Winona Ave., Burbank, CA 91504

Assessor's Parcel Number: 2466-013-018

I/We, the owner(s) of the above described property, authorize **Verizon Wireless**, its employees, representatives, agents, and/or consultants, to act as an agent on my/our behalf for the sole purpose of consummating any and all building and land-use permit applications, or any other entitlements necessary for the purpose of constructing, modifying and operating a wireless telecommunications facility. I/We understand that any application may be denied, modified, or approved with conditions, and that such conditions or modifications must be complied with prior to issuance of building permits, and at all times thereafter.

I/We further understand that signing of this authorization in no way creates an obligation of any kind.

OWNER(S):

<u>Jeremy McDowell</u>	_____
Print Name	Print Name
<u>Chief Financial Officer</u>	_____
Title	Title
<u>[Signature]</u>	_____
Signature	Signature
Date: <u>2/20/25</u>	Date: _____

State of California)
 County of Los Angeles) SS.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On this, the 20th day of February, 2025, before me, Melissa Silvers,

Notary Public, personally appeared Jeremy McDowell

personally known to me proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal:

[Signature]

 Notary Public

My commission expires: June 29, 2028



Registry of Charitable Trusts
P.O. Box 903447
Sacramento, CA 94203-4470
(916) 210-6400

WEBSITE ADDRESS:
<http://ag.ca.gov/charities/>

**INITIAL
REGISTRATION FORM
STATE OF CALIFORNIA
OFFICE OF THE ATTORNEY GENERAL
REGISTRY OF CHARITABLE TRUSTS**
(Government Code Sections 12580-12599.7)



NOTE: A \$25 REGISTRATION FEE MUST ACCOMPANY THIS REGISTRATION FORM. MAKE CHECK PAYABLE TO DEPARTMENT OF JUSTICE.

Pursuant to Section 12585, registration is required of every trustee subject to the Supervision of Trustees and Fundraisers for Charitable Purposes Act within thirty days after receipt of assets (cash or other forms of property) for the charitable purposes for which organized.

Every charitable (public benefit) corporation, association and trustee holding assets for charitable purposes or doing business in the State of California must register with the Attorney General, except those exempted by California Government Code section 12583. Corporations that are organized primarily as a hospital, a school, or a religious organization are exempted by Section 12583.

Name of Organization: Contract Services Administration Trust Fund

The name of the organization should be the legal name as stated in the organization's organizing instrument (i.e., articles of incorporation, articles of association, or trust instrument).

Official Mailing Address for Organization:

Address: 2710 Winona Avenue

City: Burbank

State: CA

Zip Code: 91504

Organization's telephone number: 818.565.0550

Organization's e-mail address: jmcdowell@csatf.org

Organization's fax number: 818.565.0535

Organization's website: csatf.org

All organizations must apply for a Federal Employer Identification Number from the Internal Revenue Service, including organizations that have a group exemption or file group returns.

Federal Employer Identification Number (FEIN):

95-6156946

Group Exemption FEIN (if applicable):

All California corporations and foreign corporations that have qualified to do business in California will have a corporate number. Unincorporated organizations are assigned an organization number by the Franchise Tax Board upon application for California tax exemption.

Corporate or Organization Number: _____

RECEIVED
Attorney General's Office
NOV 26 2018
Registry of Charitable Trusts

605212

CT-1 REGISTRATION FORM (08/2017)

Names and addresses of ALL trustees or directors and officers (attach a list if necessary):		
Name Michael Campolo	Position Board of Directors	
Address 4000 Warner Blvd., Bldg 137, Room 1013		
City Burbank	State CA	Zip Code 91522
Name J. Keith Gorham	Position Board of Directors	
Address 100 Universal City Plaza, LRW Building, 1280-3		
City Universal City	State CA	Zip Code 91608
Name David Gross	Position Board of Directors	
Address 15301 Ventura Boulevard		
City Sherman Oaks	State CA	Zip Code 91403-5885
Name Nicole A-J. Gustafson	Position Board of Directors	
Address 5555 Melrose Avenue, Zukor Building, Suite 1102		
City Los Angeles	State CA	Zip Code 90038
Name Safer Hopton	Position Board of Directors	
Address 10202 West Washington Boulevard		
City Culver City	State CA	Zip Code 90232-3195

Describe the primary activity of the organization. (A copy of the material submitted with the application for federal or state tax exemption will normally provide this information.) If the organization is based outside California, comment fully on the extent of activities in California and how the California activities relate to total activities. In addition, list all funds, property, and other assets held or expected to be held in California. Indicate whether you are monitored in your home state, and if so, by whom. Attach additional sheets if necessary.

The organization is a non-profit that administers a variety of programs for the benefit of the motion picture and television industry.

The organization is provided for and governed by the collective bargaining agreement (Basic Agreement of 1996, Article XXV) by and between the Producers, The International Alliance of Theatrical Stage Employees ("I.A.T.S.E."), the Moving Picture Technicians Artists and Allied Crafts of the United States, its Territories, and Canada ("M.P.T.A.A.C."); as well as the collective bargaining agreements by and between the Producers and the Basic Crafts Locals (Article 18).

The organization is administered by a Board of Trustees appointed by the Alliance of Motion Picture & Television Producers ("AMPTP"). Signatory Producers make contributions to CSATF for each hour worked by or guaranteed a covered employee.

The organization will be required to file financial reports annually. All organizations must file the Annual Registration/Renewal Fee Report (RRF-1) within four months and fifteen days after the end of the organization's accounting period. Organizations with \$25,000 or more in either gross receipts or total assets are also required to file either the IRS Form 990, 990-EZ, or 990-PF. Forms can be found on the Charitable Trusts' website at <http://ag.ca.gov/charities/>.

If assets (funds, property, etc.) have been received, enter the date first received: Date assets first received: _____	Registration with the Attorney General is required within thirty days of receipt of assets.
---	--

What annual accounting period has the organization adopted?

Fiscal Year Ending January 31 Calendar Year

Attach your founding documents as follows:

- A) **Corporations** - Furnish a copy of the articles of incorporation and all amendments and current bylaws. If incorporated outside California, enter the date the corporation qualified through the California Secretary of State's Office to conduct activities in California.
- B) **Associations** - Furnish a copy of the instrument creating the organization (bylaws, constitution, and/or articles of association).
- C) **Trusts** - Furnish a copy of the trust instrument or will and decree of final distribution.
- D) **Trustees for charitable purposes** - Furnish a statement describing your operations and charitable purpose.

Has the organization applied for or been granted IRS tax-exempt status Yes No

Date of application for Federal tax exemption: 12/02/2009

Date of exemption letter: 04/30/2010

Exempt under Internal Revenue Code section 501(c) 6

If known, are contributions to the organization tax-deductible? Yes No

Attach a copy of the Application for Recognition of Exemption (IRS Form 1023) and the determination letter issued by the IRS.

Does your organization contract with or otherwise engage the services of any commercial fundraiser for charitable purposes, fundraising counsel, or commercial coventurer? If yes, provide the name(s), address(es), and telephone number(s) of the provider(s):

Commercial Fundraiser Fundraising Counsel Commercial Coventurer

Name

Address

City State Zip Code

Telephone Number

Commercial Fundraiser Fundraising Counsel Commercial Coventurer

Name

Address

City State Zip Code

Telephone Number

Commercial Fundraiser Fundraising Counsel Commercial Coventurer

Name

Address

City State Zip Code

Telephone Number

I declare under penalty of perjury that I have examined this registration form, including accompanying documents, and to the best of my knowledge and belief, the form and each document are true, correct, and complete.

Signature  Title Chief Financial Officer Date 11/16/2018

If additional information is required, please refer to the Supervision of Trustees and Fundraisers for Charitable Purposes Act (Government Code sections 12580-12599.7), the Administrative Rules and Regulations pursuant to the Act (California Code of Regulations, Title 11, Sections 300-312.1).

If you have questions regarding registration, or need assistance, information is available on our website at <http://ag.ca.gov/charities/> or you can reach us by telephone at (916) 210-6400 or fax at (916) 444-3651.

Reset Form

Print Form

Names and addresses of ALL trustees or directors and officers (attach a list if necessary):			CONTINUED
Name	Robert W. Johnson	Position	Board of Directors
Address 500 S. Buena Vista Street			
City	Burbank	State	CA Zip Code 91521-7468
Name	Laura Beedy Ritchie	Position	Board of Directors
Address 4024 Radford Avenue			
City	Studio City	State	CA Zip Code 91604
Name	Marc Sandman	Position	Board of Directors
Address 500 S. Buena Vista Street			
City	Burbank	State	CA Zip Code 91521
Name	Shirley White	Position	Board of Directors
Address 2300 Empire Avenue, 5th Floor			
City	Burbank	State	CA Zip Code 91504
Name	Ingrid Lohne	Position	Chief Administrative Officer
Address 2710 Winona Avenue			
City	Burbank	State	CA Zip Code 91504
Name	Jeremy McDowell	Position	Chief Financial Officer
Address 2710 Winona Avenue			
City	Burbank	State	CA Zip Code 91504

AGREEMENT AND DECLARATION OF TRUST

ESTABLISHING THE

CONTRACT SERVICES ADMINISTRATION

TRUST FUND

Amendment and Restatement effective December 2, 2009

TABLE OF CONTENTS

	<u>Page(s)</u>
ARTICLE 1	DEFINITIONS.....1
1.1	“Administrator”.....1
1.2	“Agreement” or “Trust Agreement”.....1
1.3	“AMPTP”.....1
1.4	“Authorized Person”.....1
1.5	“Board”.....1
1.6	“Code”.....1
1.7	“Collective Bargaining Agreement”.....2
1.8	“Committee”.....2
1.9	“Covered Employee”.....2
1.10	“Employer” or “Employers” or “Contributing Employers”.....2
1.11	“Foreign Securities”.....2
1.12	“Instruct” or “Instructions”.....2
1.13	“Securities” or “Security”.....2
1.14	“Trust,” “Trust Fund,” or “Fund”.....2
1.15	“Trustee(s)”.....3
1.16	“Union”.....3
ARTICLE 2	NAME, PURPOSE AND OPERATION OF TRUST FUND3
2.1	Name.....3
2.2	Purposes.....3
2.3	Operation.....3
2.4	Participation by Contributing Employers.....3
2.5	Obligations of Contributing Employers.....4
ARTICLE 3	TRUSTEES.....4
3.1	Composition of Trustees.....4
3.2	Acceptance of Trust Fund and Trusteeship.....4
3.3	Written Appointments and Acceptances.....4
3.4	Term of Office.....4
3.5	Resignations.....4
3.6	Removal of Trustees.....5
3.7	Successor Trustees.....5
3.8	Powers of Successor Trustees.....5
ARTICLE 4	POWERS AND DUTIES OF TRUSTEES.....5
4.1	Receipt of Payments.....5
4.2	Expenses.....5
4.3	General Powers of Trustees.....6
4.4	Committees.....8
4.5	Standard of Care.....8
4.6	Reliance on Written Instruments and Advice of Professionals.....8
4.7	Indemnification.....9
4.8	Fiduciary Insurance.....9
4.9	Deposit and Withdrawal of Funds.....10
4.10	Delegation of Power.....10
4.11	Discretionary Authority.....10
4.12	Execution of Documents.....10
ARTICLE 5	MEETINGS AND DECISIONS OF TRUSTEES.....10

TABLE OF CONTENTS
(continued)

		<u>Page(s)</u>
5.1	Officers	10
5.2	Calling of Meetings.....	11
5.3	Quorum	11
5.4	Vote of Trustees.....	11
5.5	Minutes of Meetings	11
ARTICLE 6	ALLOCATION OF RESPONSIBILITIES.....	11
6.1	The Administrator	11
6.2	The Board.....	12
ARTICLE 7	PAYMENTS TO THE FUND	13
7.1	Rate of Contributions.....	13
7.2	Effective Date of Contributions	13
7.3	Failure to Make Employer Contributions	13
7.4	Default in Payment	14
7.5	Enforcement Actions	14
7.6	Payments Required by Court Award	14
7.7	No Waiver of Other Rights	15
7.8	Remittance Reports and Audits	15
7.9	Return of Contributions	15
ARTICLE 8	AMENDMENT; TERMINATION; AND TRANSFER OF ASSETS.....	15
8.1	Amendment.....	15
8.2	Effective Date of Amendment	16
8.3	Limitation of Amendments	16
8.4	Termination.....	16
ARTICLE 9	MISCELLANEOUS	17
9.1	Situs.....	17
9.2	Choice of Law	17
9.3	Counterparts.....	17
9.4	Titles; Plurals; and Gender.....	17
9.5	Service of Process	17
9.6	Validity of Trustees' Accounts and Instruments	17
9.7	Notices	18
9.8	Severability	18
9.9	Legal Compliance	18
9.10	Successor Provisions of Law	18
9.11	Entire Agreement	18
9.12	Construction.....	18
9.13	Inurement	18
9.14	Rights in Fund.....	18
9.15	Trust Grants No Interest to Covered Employees	18
9.16	Duration of Agreement	19

The Trustees of the Contract Services Administration Trust Fund (the "Trust Fund") and the Alliance of Motion Picture & Television Producers, Inc. (the "AMPTP") hereby adopt this amendment and restatement of the Agreement Establishing Contract Services Administration Trust Fund effective as of December 2, 2009, with reference to the following facts:

A. The Agreement establishing the Contract Services Administration Trust Fund was originally entered into as of April 22, 1965, and has been amended on numerous occasions thereafter.

B. The Trust Fund was previously operated as a tax-exempt labor organization under Section 501(c)(5) of the Internal Revenue Code (the "Code") pursuant to an exemption letter issued by the Internal Revenue Service on November 17, 1967.

C. The Internal Revenue Service issued an exemption letter on April 30, 2010 providing that the Trust Fund shall be treated as a tax-exempt business league under Internal Revenue Code Section 501(c)(6) effective as of December 2, 2009.

NOW THEREFORE, the parties agree as follows:

ARTICLE 1 DEFINITIONS

Whenever used in this Agreement, unless the context otherwise requires, the following words shall have the respective meanings set forth below:

- 1.1 "Administrator" shall mean the Board, or any individual or other person duly authorized by the Board to administer the Trust Fund.
- 1.2 "Agreement" or "Trust Agreement" shall mean this Agreement and Declaration of Trust, as may from time to time hereafter be amended.
- 1.3 "AMPTP" shall mean the Alliance of Motion Picture & Television Producers, Inc.
- 1.4 "Authorized Person" shall mean, with respect to the Trust Fund, both the Chairperson, Vice Chairperson and Secretary of the Board, any individual Trustee or member of any Committee of Trustees duly authorized by the Board to represent said Committee or the Board, and the Administrator where the Administrator has been duly authorized by the Board to represent the Board or the Trust Fund in a specific matter (or their duly authorized agents). With respect to a custodian, the term "Authorized Person" shall mean any officer of said custodian.
- 1.5 "Board" shall mean the individuals from time to time acting collectively as the Board of Trustees under this Agreement appointed to control and manage the operation and overall administration of the Trust Fund.
- 1.6 "Code" shall mean the Internal Revenue Code of 1986, as from time to time amended, and all rules and regulations promulgated pursuant thereto.

- 1.7 “Collective Bargaining Agreement” shall mean, collectively, any collective bargaining agreement, participation agreement, or other written agreement between an Employer and the Union, which is in force and effect and is acceptable to the Board, requiring contributions to be made to this Trust Fund on behalf of a Covered Employee.
- 1.8 “Committee” shall mean any committee as may be duly appointed and authorized by the Board pursuant to this Agreement (containing at least two Trustees).
- 1.9 “Covered Employee” shall mean an individual employed by an Employer who is covered under the terms of a Collective Bargaining Agreement between the Employer and the Union requiring contributions to the Trust Fund on behalf of said individual or such other individual determined by the Board in its sole discretion to be entitled to benefits under the Trust Fund.
- 1.10 “Employer” or “Employers” or “Contributing Employers” shall mean any employer required to contribute to the Trust Fund on behalf of Covered Employees represented by a Union pursuant to a Collective Bargaining Agreement with the Union.
- 1.11 “Foreign Securities” shall mean any securities described in Section 404(b) of ERISA and 29 C.F.R. § 2550.404b-1.
- 1.12 “Instruct” or “Instructions” shall mean written communications signed by an Authorized Person (including, without limitation, instructions received electronically or by any other such system, whereby the receiver of such communication is able to verify with a reasonable degree of certainty the identity of the sender of such communication).
- 1.13 “Securities” or “Security” shall mean all Trust Fund securities of any and every kind wherever situated, and any rights or interests therein, including, but not limited to: (a) common and preferred stocks; (b) obligations of the United States Government or any government of a state of the United States (and each of their agencies and instrumentalities); (c) bonds, debentures, notes and other evidences of indebtedness or ownership; (d) savings and time deposits (including, without limitation, any deposits bearing a reasonable rate of interest that the custodian, or a bank or similar financial institution appointed as a Trustee or custodian hereunder by the Board, makes in itself or in any parent, subsidiary or other person associated or affiliated therewith, to the extent permitted by law); (e) bankers’ acceptances; (f) commercial paper (including participation in pooled commercial paper accounts); (g) Foreign Securities; (h) participation units or certificates issued by investment companies or investment trusts; (i) insurance policies or contracts; and (j) any options, warrants or other instruments representing rights to receive, purchase, or subscribe for the same, or evidencing or representing any other rights or interest therein.
- 1.14 “Trust,” “Trust Fund,” or “Fund” shall mean the Contract Services Administration Trust Fund. “Trust Fund Assets” shall mean all cash, Securities and other property which at the time of reference shall have been deposited in the trust account established pursuant to this Agreement or held by a custodian, including any portion thereof which has been held under a group trust.

- 1.15 “Trustee(s)” shall mean the individual Trustees appointed in accordance with Section 3.1.
- 1.16 “Union” shall mean the International Alliance of Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, or any of its West Coast Studio Locals or any of the Basic Craft Unions.

ARTICLE 2
NAME, PURPOSE AND OPERATION OF TRUST FUND

- 2.1 Name. The Trust Fund shall be known as the “Contract Services Administration Trust Fund.”
- 2.2 Purposes. The purposes of this Trust are to provide a Trust Fund to be used for the administration of programs for the benefit of the motion picture and television industries, including but not limited to the administration of Industry Experience Rosters pursuant to the terms of any Collective Bargaining Agreements providing for contributions to the Trust Fund; the administration and handling of grievances and arbitrations pursuant to the terms of any Collective Bargaining Agreements providing for contributions to the Trust Fund; the administration of substance abuse testing programs for persons employed under a Collective Bargaining Agreement which provides for contributions to the Trust Fund and such other persons employed in the motion picture and television industries as may be approved by the Trustees in their discretion; maintenance of Form I-9 information and administration of verification procedures required by government regulations for persons employed under a Collective Bargaining Agreement which provides for contributions to the Trust Fund; for funding the expenses incurred by the AMPTP in industry-wide collective bargaining, and generally for conducting similar programs (including educational and safety programs), services or studies for the benefit of persons employed in the motion picture and television industries as may be approved by the Trustees in their discretion regardless of whether such programs are for the benefit of persons employed under a Collective Bargaining Agreement pursuant to which contributions are made to the Fund.
- 2.3 Operation. It is intended that this Trust Fund shall be established and operated in a manner that shall qualify it as a “business league” exempt from income taxation in accordance with Section 501(c)(6) of the Code. Notwithstanding anything to the contrary contained herein, the Trust Fund shall be operated exclusively for such purposes as will comply with Section 501(c)(6) of the Code, and to the extent that anything herein is inconsistent therewith, this Agreement shall be deemed amended in such fashion as will implement the purposes of this Trust Fund while continuing to comply with the requirements of the Code.
- 2.4 Participation by Contributing Employers. Any Contributing Employer acceptable to the Trustees may cause its Covered Employees to participate in the Trust Fund by:
- (a) Executing a copy of a Collective Bargaining Agreement or other agreement approved by the Board requiring contributions to be made by such Employer to the Trust Fund;

To RWJ: Section 2.4 shows that the Trustees can say whether or not a Contributing Employer is acceptable. Nowhere that I₃ could find do the trust documents say that the trustees may "reject" contributions.

- (b) Designating a date on which such participation shall become effective; and
- (c) Designating the categories of employment of Covered Employees to participate.

2.5 Obligations of Contributing Employers. By executing a Collective Bargaining Agreement or other agreement requiring contributions to the Trust Fund, an Employer shall (whether or not he has received a copy of this Agreement) be deemed to have:

- (a) Reviewed, understood and adopted the Trust Fund and all provisions of this Agreement (and any amendments to such Agreement);
- (b) Agreed to be bound unconditionally to said Trust Fund, as well as all of the decisions of the Trustees appointed pursuant hereto; and
- (c) Agreed to make periodic contributions as set forth in the Collective Bargaining Agreement, or other document, or as may be required by law.

ARTICLE 3 TRUSTEES

3.1 Composition of Trustees. The Trustees under this agreement, who shall be Trustees of the Trust Fund created and established hereunder, shall consist of twelve (12) Trustees. The Trustees shall be appointed by the AMPTP. The number of Trustees may be increased or decreased from time to time by vote of the Board. The appointment of Trustees shall be governed by the provisions of Section 3.3. No vacancy or vacancies on the Board shall impair the power of the remaining Trustees, acting in the same manner provided by this Trust Agreement, to administer the affairs of the Trust Fund; provided, however, that there shall always be a quorum for the conducting of a meeting of the Board.

3.2 Acceptance of Trust Fund and Trusteeship. The Trustees appointed hereunder shall accept the Trust Fund created and established by this Agreement and consent to act as Trustees thereof by assuming the responsibility for the operation and administration of the Trust Fund.

3.3 Written Appointments and Acceptances. Copies of the written appointments of successor Trustees shall be provided to the Board by the AMPTP as soon as practicable after the appointments.

3.4 Term of Office. Each Trustee appointed under this Agreement shall continue to serve as such until his death, incapacity, resignation, or removal as herein provided.

3.5 Resignations. A Trustee may resign, and shall be fully discharged (to the extent permitted by law) from further duty or responsibility hereunder, upon giving at least ten (10) days' advance written notice to the Board (and to the AMPTP), or such shorter notice as the Board may accept as sufficient, in which notice there shall be stated a date when such resignation shall take effect; and such resignation shall take effect on the date specified in the notice, unless a successor Trustee shall have been appointed (as provided

by Section 3.7) at an earlier date, in which event such resignation shall take effect immediately upon the successor Trustee taking office. The Board may declare the office of any Trustee to be vacant if that Trustee has been absent from five consecutive meetings in which case the AMPTP may appoint a successor Trustee.

- 3.6 Removal of Trustees. Any Trustee may be removed from office at any time, with or without cause, in the sole designation of the AMPTP, by an instrument in writing signed by a representative of the AMPTP, filed with the Board, and shall become effective immediately upon such filing.
- 3.7 Successor Trustees. In the event any Trustee shall die, become incapable of acting hereunder, resign, or be removed, the AMPTP shall appoint a successor Trustee.
- 3.8 Powers of Successor Trustees. Any successor Trustee under this Agreement shall immediately, upon his designation as a successor Trustee, become vested with all rights, powers, privileges and duties of a Trustee hereunder with like effect as if originally named as Trustee.

ARTICLE 4 POWERS AND DUTIES OF TRUSTEES

- 4.1 Receipt of Payments. Contributions shall be made to the Trust Fund and the Contract Services Administration Training Trust Fund (the "Training Trust Fund") in accordance with applicable Collective Bargaining Agreements and, except as otherwise specifically provided in applicable Collective Bargaining Agreements, allocated between the Trust Fund and the Training Trust Fund by the Board and the Board of Trustees of the Training Trust Fund in their sole discretion. The Board, or such other person or entity acting on behalf of the Board, is hereby designated as the entity authorized to receive the Employer contributions hereafter allocated to the Trust Fund, and is hereby vested with all right, title, and interest in and to such monies and all interest accrued thereon and appreciation thereof. The Board agrees to receive all such payments, deposits, monies, policies or other properties and assets, and to hold the same in trust hereunder for the uses and purposes of the Trust Fund, and may deposit all or a portion of such monies with such custodians as they may designate for this purpose. The Board is empowered to collect on behalf of the Trust Fund any and all contributions which any Employer or any other person, firm or corporation is required or obligated to make to the Trust Fund under the provisions of any Collective Bargaining Agreement and may appoint such agents as it deems appropriate to assist with and enforce such collections.
- 4.2 Expenses. The Board shall use and apply the assets of the Trust Fund for the following purposes:
- (a) To pay from the Trust Fund, or provide for the payment of, all reasonable and necessary expenses of collecting Employer contributions and administering the affairs of the Trust Fund, and all expenses which may be incurred in connection with the maintenance and operation of the Trust Fund, including, but not limited to:

- (i) The fees and compensation of consultants, accountants, attorneys, secretarial and clerical assistants, and other persons employed by the Board or the Administrator;
 - (ii) The costs of investing the Trust Assets (including, without limitation, the commissions, fees and other compensation of broker/dealers);
 - (iii) The fees and expenses of any Trust Fund Employee, and any custodian as may be appointed by the Board;
 - (iv) Premium or other payments under insurance contracts or policies purchased by the Board for the Trust Fund;
 - (v) Any taxes;
 - (vi) The expense of maintaining bank accounts and safe deposit boxes; and
 - (vii) The reimbursement of all reasonable and necessary expenses of the Trustees and Trust Fund employees incurred in connection with the operation of the Trust Fund and their performance as Trustees.
- (b) The Board may engage such person or persons as it may deem necessary or desirable as the Administrator to conduct the day to day operations of the Trust Fund and may delegate such of its administrative duties to such persons, agents, or organizations as the Board may deem advisable (including, without limitation, to the Administrator).
- (c) The Trustees shall not receive any compensation from the Trust Fund for the performance of their duties as Trustees, but shall be reimbursed from the Trust Fund for all reasonable and necessary expenses which they incur in the performance of their duties as Trustees hereunder.

4.3 General Powers of Trustees. Notwithstanding any limitations imposed generally by any present or future state statute or rule of law concerning investments by Trustees, the Board is hereby empowered in its sole and absolute discretion (and in addition to, and not by way of limitation of, such other powers as are set forth herein or otherwise conferred by law) to, or to authorize a custodian to:

- (a) Cause any Securities or other property at any time held by the Trust Fund to be registered in its own name as Trustees, or in the name of a Trustee or nominee (with or without the disclosure of any fiduciary relationship), and to hold in bearer form any Securities or other property at any time held in the Trust Fund so that they will pass by delivery;
- (b) Exercise voting rights, either in person by limited or general power of attorney, or by proxy, with respect to all Securities or other property, and generally to exercise with respect to Trust Fund assets all rights, powers, and privileges as may be lawfully exercised by any person owning similar property in its own right;

- (c) (1) Compromise, compound, submit to arbitration or settle any debt or obligation owing to or from the Trust Fund; (2) enforce or abstain from enforcing any right, claim, debt or obligation; (3) reduce or increase the rate of interest on extension, or otherwise modify, foreclose upon default, or enforce any such obligation; and (4) sue or defend suits or legal proceedings to protect or enforce any interest in the Trust Fund and to represent the Trust Fund in suits or legal proceedings in connection with any matter in any court or before any administrative agency, body or tribunal;
- (d) Apply for, purchase, receive, retain, administer, surrender, transfer or assign any insurance policy or contract, and pay the premium and exercise the rights, privileges, options and benefits contained in any such contract;
- (e) Organize corporations, partnerships, and/or joint ventures under the laws of any jurisdiction to acquire and hold title to any Securities or other property held in connection with the Trust Fund;
- (f) Take any and all actions, including the filing of requests for determinations, rulings and other forms of administrative guidance with the Internal Revenue Service, and the commencement of and participation in lawsuits, all as the Board determines to be necessary, appropriate or desirable to carry out any of the foregoing powers or otherwise in the best interests of the Trust Fund;
- (g) (1) Lease or purchase such premises, materials, supplies and equipment, and employ and retain such administrative, secretarial, clerical, and other assistance or employees as the Board may deem necessary or proper, and to pay their reasonable expenses and compensation and all other expenses attributable to the operation of the Trust Fund; (2) retain attorneys, accountants, appraisers, contractors, engineers, architects, consultants, property managers, insurance brokers and other persons or entities in connection with the acquisition, operation, management, sale or other disposition of any property for or by the Trust Fund, and pay, as expenses of the Trust Fund, any of their necessary and reasonable fees; and (3) retain one or more custodians or other banks, trust companies or similar depositories to act as a Trustee and/or custodian of Trust Fund securities and property, and to define the scope and responsibilities of each such Trustee or custodian;
- (h) Make, execute and deliver any and all conveyances, waivers, releases or other instruments in writing necessary or desirable for the accomplishment of any of the foregoing powers;
- (i) Establish, accumulate and maintain as part of the Trust Fund such reserves as the Board determines to be prudent or desirable in connection with the sound and efficient administration of the Trust Fund (including, without limitation, reserves for existing and potential obligations and liabilities of the Trust Fund and administrative expenses);

- (j) Delegate to other persons the duties involved in the operation and administration of the Trust Fund under the direction of the Board (other than Trustee duties);
- (k) Enter into agreements among themselves allocating their responsibilities, obligations and duties with respect to the management and control of the Trust Fund assets; provided, however, that the remaining Trustees comprising the Board shall not be liable for any loss resulting to the Trust Fund resulting from the acts or omissions of those Trustees accepting the allocation of such specified fiduciary responsibilities;
- (l) Retain, manage, administer, operate, lease for any length of time, develop, improve, repair, alter, demolish, mortgage, pledge, grant options with respect to, or otherwise deal with any real property or interest therein at any time held by the Trust Fund; and
- (m) Generally, perform all acts (whether or not expressly authorized herein) which the Trustees may deem necessary and prudent in order to carry out the purposes of the Trust Fund set forth in Section 2.2 or for the protection of the assets of the Trust Fund.

4.4 Committees.

- (a) The Board may delegate one or more of its fiduciary responsibilities to one or more other Committees.
- (b) Each such Committee shall be comprised of two or more Trustees.
- (c) To the extent that such responsibilities are so delegated, the remaining Trustees comprising the Board shall not be liable for any loss resulting to the Trust Fund resulting from the acts or omissions of the Committee.

4.5 Standard of Care. In exercising any and all powers under this Agreement, the Board shall discharge its duties hereunder with the care, skill, prudence and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims.

4.6 Reliance on Written Instruments and Advice of Professionals.

- (a) Each of the Trustees shall be fully protected in acting upon any instrument, certificate, or paper believed by them to be genuine and to be signed or presented by a duly authorized person or persons (including, without limitation, those written instruments presented by a Contributing Employer or by its agents), and shall be under no duty to make any investigation or inquiry as to any statement contained in any such writing, but may accept the same as conclusive evidence of the truth and accuracy of the statements therein contained.

- (b) Each of the Trustees shall be entitled to rely conclusively upon, and shall be fully protected in any action taken by them in good faith in relying upon, any opinions or reports furnished to them by any actuaries, accountants, attorneys, consultants or specialists appointed or designated by them in connection with the administration of the Trust Fund.

4.7 Indemnification. Except as may otherwise be provided by applicable law:

- (a) The Trustees shall not be personally answerable for any liabilities or debts of the Trust Fund incurred by them as Trustees, but said debts and liabilities shall be paid out of the Trust Fund and the Trust Fund is hereby charged with first liens as security and indemnification against any liabilities of any kind which the Trustees or any of them may incur hereunder;
- (b) The Trustees shall not be personally liable for any error of judgment or for any loss arising out of any act or omission or for any acts or omissions of any other Trustee, or of any agent or attorney elected or appointed by or acting for the Trustees;
- (c) The Trust Fund shall protect, indemnify and hold harmless each Trustee, Committee member, and any person to whom a fiduciary responsibility with respect to the Trust Fund has been allocated or delegated pursuant to this Agreement (including his estate), from and against any and all liabilities, damages, taxes, penalties, losses, expenses (including reasonable attorneys' fees, court costs, and other professional fees), costs and claims (hereinafter collectively referred to as "Claims") incurred by any such person as a result of any act, omission or conduct committed in good faith by said person in connection with the performance of his or her power, duties, responsibilities or obligations under the Trust Fund, this Agreement, the Code or other applicable laws, except with respect to Claims arising from such person's own fraud, willful misconduct, gross negligence, or except as may otherwise be reimbursed by insurance; and
- (d) No Trustee shall be liable with respect to a breach of a fiduciary duty by another Trustee which was committed before he became, or after he ceased to be, a fiduciary pursuant to the terms of the Trust Fund.

4.8 Fiduciary Insurance. The Trust Fund may purchase and maintain a policy or policies of fiduciary liability (or errors or omissions) insurance for the Trust Fund, the Trustees, the Administrator and, if the Board so decides, any other person to whom a fiduciary responsibility with respect to the Trust Fund has been allocated or delegated, to protect such persons against any and all Claims arising out of a fiduciary's breach of his or her fiduciary responsibility to the Trust Fund. The insurance contemplated herein shall permit recourse by the insurer against the fiduciary in case of a breach of his or her fiduciary obligations or responsibilities to the Trust Fund (although the insurance company shall have the right to eliminate such recourse by the payment of an additional premium by the insured).

4.9 Deposit and Withdrawal of Funds.

- (a) All monies received by the Trustees hereunder shall be deposited by them with such banks, trust companies or other financial depositories or institutions insured by the Federal Deposit Insurance Corporation or the Securities Investor Protection Corporation as the Board may designate as custodians of all or a portion of the assets of the Trust Fund.
- (b) All withdrawals of money from any such account or accounts shall be made only upon checks signed by such person or persons as may have been duly designated by proper resolution of the Trustees to sign such checks, except as otherwise specifically authorized by the Trustees. All checks will require the signatures of two duly designated persons, except as otherwise determined by Board resolution.

4.10 Delegation of Power. The Board may delegate any of its ministerial powers or duties hereunder to any one or more agents or employees and/or to one or more Trustees.

4.11 Discretionary Authority. Except as may otherwise be provided herein, or in any other document between the Board and an Employer, the Trust Fund shall be administered and operated exclusively by the Board (or the Administrator or any Committee duly authorized by the Board) which shall have complete authority, in its sole and absolute discretion, to construe the terms of this Agreement (and any related documents and underlying policies or regulations) including, without limitation, the authority to determine the eligibility for, and amount of, benefits due to Covered Employees. All such decisions shall be final and binding upon all parties affected thereby.

4.12 Execution of Documents. The Chairperson or Vice Chairperson and the Secretary shall be authorized to execute documents on behalf of the Board of Trustees and in the name of the Contract Services Administration Trust Fund. In addition, the Board may authorize by resolution any Trustee (or any group of Trustees), or the Administrator of the Trust Fund, to execute any notice or other instrument in writing; and any such notice or instrument so signed shall have the same force and effect as though signed by the Board. All persons, partnerships, groups or associations may accept any notice or instrument signed in accordance with this Section 4.12 as duly authorized and binding on the Board. The Board may, in its sole discretion, designate and authorize an employee or employees of the Trust Fund to sign documents or checks upon such separate and specific bank account or bank accounts as the Board may designate and establish for such purpose.

**ARTICLE 5
MEETINGS AND DECISIONS OF TRUSTEES**

5.1 Officers.

- (a) Each year, the Trustees shall, by a majority vote, elect a Chairperson, Vice Chairperson and Secretary from among the Trustees. The term of Trust Fund officers shall commence on the first day of the new fiscal year following the election and continue for one year (or, if later, until their successors are elected)

or until such time as they are removed by the vote of the Trustees. No officer shall serve in the same position for more than three consecutive years.

- (b) The Chairperson shall preside over meetings of the Board and, additionally, shall perform such other duties as the Board may direct.

5.2 Calling of Meetings.

- (a) Meetings of the Trustees shall be held at the principal office of the Trust Fund or at such other place or places as may at any time or from time to time be agreed upon by the then Chairperson or Vice Chairperson and Secretary and may be called by either of said officers or by any two Trustees upon four (4) days' notice by first class mail or twenty-four (24) hours' notice by telephone or email to the other Trustees. Any notice, or waiver of notice, need not specify the purpose of any meeting.
- (b) Meetings of the Board may also be held at any time, without notice, in person or by telephone conference or video conference; provided, however, that all of the Trustees consent thereto in writing.

5.3 Quorum. At all meetings of the Board, six (6) Trustees then in office shall constitute a quorum for the purpose of transacting business.

5.4 Vote of Trustees.

- (a) All action of the Board shall be taken by a majority vote of the Trustees voting.
- (b) The vote of any absent Trustee may be cast in accordance with a written proxy delivered to any other Trustee present at the meeting; such proxies to be valid only at the meeting immediately succeeding its execution.
- (c) Action by the Trustees on any proposition may also be taken without a meeting by vote cast by written instruments, after written notice to all of the Trustees of the question to be decided and provided that, in such case, there shall be unanimous written concurrence by all of the Trustees then in office.

5.5 Minutes of Meetings. The Trustees (or their duly authorized designee) shall maintain minutes of all Board and Committee meetings, but such minutes need not be verbatim. Copies of such minutes shall be sent to all Trustees.

**ARTICLE 6
ALLOCATION OF RESPONSIBILITIES**

6.1 The Administrator. The Trustees may employ or contract for the services of an individual to be known as the Administrator, Executive Director, Chief Administrative Officer or Manager of the Trust Fund (herein referred to as "Administrator"). When the Administrator is a person other than the Board, the Administrator shall have the responsibility and authority to administer the Trust Fund, subject to the terms of this

Agreement, any written agreement between the Board and the Administrator, and any policies, procedures and other rules that may from time to time be established by the Board. Such responsibilities shall include, without limitation, the following:

- (a) Functions assigned to the Administrator under the terms of this Agreement or any written agreement between the Board and the Administrator;
- (b) Functions assigned to the Administrator by the Board;
- (c) Determinations as to benefit eligibility and amount, and the certification thereof to the Board;
- (d) Review and approval (or denial) of benefits to Covered Employees (subject to the final approval of the Board);
- (e) Hiring of administrative, clerical, legal, accounting, and other professionals to provide necessary services to the Trust Fund (with the advance approval of the Board);
- (f) Signature authority on all accounts of the Trust Fund for the purpose of payment of any fees, taxes, charges or other costs incidental to the operation and management of the Trust Fund as provided for by the approved budget and for the movement of funds to or from investment accounts as dictated by cash flow necessity;
- (g) Preparation and filing of all government and other reports required to be filed by the Trust Fund under the Code; and
- (h) Maintenance of all records of the Trust Fund, other than those required to be maintained by other persons duly designated by the Board.

6.2 The Board.

- (a) The Board shall have the authority and responsibility for the overall operation of the Trust Fund. Such responsibilities shall include, without limitation, the following:
 - (i) Design of the Trust Fund, including the right to amend, modify or terminate this Agreement at any time;
 - (ii) Maintaining the tax-exempt status of the Trust Fund;
 - (iii) Designation of officers of the Trust Fund, who shall have authority to sign checks on behalf of the Trust Fund;
 - (iv) Approving the annual budget at the annual budget meeting after receiving advice from the Administrator;

- (v) Approving the compensation of the Administrator and, following receipt of advice from the Administrator, a range of pay for Director level and above staff members not under contract;
 - (vi) Exercise of those fiduciary functions provided for in this Agreement, or those necessary for the prudent operation or administration of the Trust Fund (except such functions as may be delegated to a Committee, the Administrator, a custodian, or to other fiduciaries of the Trust Fund);
 - (vii) Approval of the employment contract of any employee of the Trust Fund; and
 - (viii) Generally, exercise of those functions and responsibilities which the Board deems necessary and appropriate for the operation and administration of the Trust Fund, and the protection of Trust Fund Assets.
- (b) The Board may, by the adoption of a written resolution, delegate to any Committee the authority to act on behalf of the Board (or one or more of its Trustees) to the extent, and within the time limitation set forth, in any said resolution. If said resolution delegates discretion to a Committee, then the action taken by such Committee pursuant to said resolution shall constitute conclusive evidence of the proper exercise of the discretion granted to such Committee.

ARTICLE 7 PAYMENTS TO THE FUND

- 7.1 Rate of Contributions. In order to carry out the purpose hereof, the Employers shall promptly contribute to the Trust Fund and the Training Trust Fund the amount required by the Collective Bargaining Agreement or any other applicable written agreement at any time in force and effect between the Union and an Employer. The due date, rate and amount of contribution shall at all times be governed by said Collective Bargaining Agreement or other agreements, together with any amendments, supplements, and modifications thereto. Nothing in this Trust Agreement shall be deemed to change, alter or amend any of the terms or provisions of any such agreement. Except as otherwise specifically provided in applicable Collective Bargaining Agreements, the amount contributed shall be allocated between the Trust Fund and the Training Trust Fund by the Trustees and the Trustees of the Training Trust Fund in their sole discretion.
- 7.2 Effective Date of Contributions. All contributions shall be made effective as of the date specified in the Collective Bargaining Agreement or other agreement, and said contributions shall continue to be paid as long as the Employer is so obligated pursuant to said Collective Bargaining Agreement or other agreement.
- 7.3 Failure to Make Employer Contributions.
- (a) The failure of any Employer to make Employer contributions to the Trust Fund when due shall not relieve any other Employer of its obligation to make Employer contributions. The costs and expenses incurred in the collection of Employer`

contributions shall be paid from the Trust Fund. Notwithstanding the preceding sentence, upon the failure of any Employer to make Employer contributions to the Trust Fund within thirty (30) days after such contributions are due and payable under the terms of the Plan, the Trust Fund, a Collective Bargaining Agreement or other agreement, the Board (or its counsel or other duly authorized designee) may compel and enforce payment in any manner it deems proper (including, without limitation, the assessment of interest (at a rate determined by the Board) from the date such payments first became due and payable.

- (b) In addition, the Board may require a delinquent Employer to pay a liquidated damage penalty equal to the greater of interest (at a rate determined by the Board) on, or twenty percent of, the unpaid contributions, plus all costs and expenses incurred by the Board arising out of the collection of such delinquent Employer contributions (including, without limitation, court costs and attorneys' fees).

7.4 Default in Payment.

- (a) In addition to any other enforcement remedies that may exist under applicable law or any Collective Bargaining Agreement or any other agreement requiring Employer contributions to the Trust Fund, the Board is authorized and empowered to initiate whatever action or proceedings may be proper and necessary in its sole and absolute discretion for the enforcement of an Employer's contribution obligations to the Trust Fund (including, but not limited to, proceedings at law or in equity, arbitration and any other remedies that generally would be available for the enforcement of said obligation to contribute to the Trust Fund).
- (b) A delinquent Employer shall be liable for any expenses incurred in effectuating such payment (including, but not limited to, arbitration expenses, counsel fees, court costs) and interest at a rate which shall be determined by the Board.
- (c) The obligations of the Employers hereunder to make contributions to the Trust Fund are several and not joint, so that no Employer shall be liable or responsible for the default of any other Employer hereunder.

7.5 Enforcement Actions. In addition to any other remedies to which the Board or any duly authorized Committee may be entitled hereunder, in the event that an Employer fails to make required contributions to the Trust Fund, in accordance with the terms and conditions of this Agreement, or any Collective Bargaining Agreement or other agreement, and any rules or guidelines promulgated by the Board (hereinafter collectively referred to as "unpaid contributions"), the Board may bring an action on behalf of the Trust Fund to enforce the Employer's obligation to contribute to the Trust Fund.

7.6 Payments Required by Court Award. Except as otherwise provided in any settlement agreement between an Employer and the Trust Fund, in any judicial action under this ARTICLE 7 in which a judgment is awarded by a court in favor of the Trust Fund or the

Board, the Employer shall pay to such party, in accordance with the court's award or pursuant to any agreed upon settlement, the following amounts:

- (a) All unpaid contributions due and payable; plus
- (b) Interest on such unpaid contributions (at a rate determined by the Board); plus
- (c) An amount equal to the greater of (i) the interest on the unpaid contributions (at a rate determined by the Board), or (ii) liquidated damages equal to twenty percent (20%) of the unpaid contributions; plus
- (d) Reasonable attorneys' fees, court costs and other costs of the action; and
- (e) Such other legal or equitable relief as the court deems appropriate.

7.7 No Waiver of Other Rights. Nothing in this ARTICLE 7 shall be construed as a waiver or limitation on the right of the Union, the Trust Fund, the Board, or any Committee to enforce an Employer's contribution obligation in any other type of proceeding, and the provisions of this ARTICLE 7 shall be without prejudice to the rights of the Union to enforce the provisions of any agreement to which it is a party.

7.8 Remittance Reports and Audits. The Employers shall make contributions to the Trust Fund, together with remittance reports, in such form and manner as may be required by the Board or the Administrator. The Board or the Administrator (or their authorized representatives) may at any time make an audit of the payroll, wage, and related business records of any Employer with respect to the contributions and/or reports which it is obligated to make to the Trust Fund. At the discretion of the Board, such audit may take place at the Employer's place of business. Each Employer shall make available to the Board or the Administrator (or an Authorized Person) all relevant records necessary to verify the accuracy and completeness of such contributions and reports.

7.9 Return of Contributions. The Trustees may refund contributions made to the Trust Fund which, in their sole discretion, they determine to have been made erroneously due to a mistake of fact or law; provided, however, that only contributions made within the two (2) years preceding the date of written notice from the Contributing Employer setting forth the basis for its claim are eligible for refund. Any refund will be reduced by any costs to the Trust Fund associated with investigating, verifying, and making the refund of such erroneous contributions. The Trust Fund will return the erroneous contributions less costs within thirty (30) days after the Trustees determine that the contributions were erroneous and the Contributing Employer returns to the Trust Fund an executed copy of a settlement agreement for the claim.

ARTICLE 8 AMENDMENT; TERMINATION; AND TRANSFER OF ASSETS

8.1 Amendment. This Agreement may be amended, at any time and in any manner, by the Board, pursuant to the majority vote of the Board and with the approval of the AMPTP, and the provisions of any such amendment may be made applicable to the Trust Fund as

constituted at the time of such amendment and to any part of the Trust Fund subsequently acquired, as well as to the Contributing Employers, the Trustees, any custodian, and all others whosoever concerned; provided that the amendment:

- (a) Is not inconsistent with the purposes for which the Trust Fund was established; and
- (b) Will not cause the Trust Fund to lose its tax-exemption under Section 501(c)(6) of the Code.

8.2 Effective Date of Amendment. Each amendment of this Agreement adopted by the Board shall be effective as of the effective date assigned by the Board.

8.3 Limitation of Amendments. Except as otherwise provided in Section 7.9, and notwithstanding anything to the contrary contained in this Agreement, no amendment shall be made to this Trust Agreement which shall result in the return or diversion of any part of the Trust Fund to any of the Contributing Employers.

8.4 Termination.

(a) This Agreement, and the Trust Fund established hereunder, may be terminated:

- (i) At any time, by the majority vote of the Board and execution of an instrument in writing terminating the Trust Fund;
- (ii) By a resolution adopted by the AMPTP directing the Board to terminate the Trust Fund, and wind up its affairs.
- (iii) Automatically, in the event that the obligation of all Employers to make contributions to the Trust Fund shall terminate or there shall be no assets remaining in the Trust Fund.

(b) ~~In the event of the termination of the Trust Fund, the Board shall apply the remaining assets of the Trust Fund to pay or to provide for the payment of any and all obligations of the Trust Fund and distribute or apply any remaining surplus in a manner consistent, in its opinion, with this Agreement, the Code and any other applicable law; provided, however, that no part of the corpus or income of the Trust Fund shall be used for or diverted to purposes other than for the payment of administrative expenses of the Trust Fund or for other payments in accordance with the provisions of this Trust Agreement, prior to the satisfaction of all expenses, payments and other liabilities of the Trust Fund. Once such liabilities are satisfied, any remaining portion of the corpus or income of the Trust Fund may revert to, or be utilized for the benefit of, the Employers, in the method and manner decided by a majority vote of the Trustees.~~

(c) Upon termination of the Trust Fund, the Board shall forthwith notify the Union and each Employer, the Administrator, any insurance carriers, custodians and other service providers and necessary parties. The Board shall continue to act as

Trustees of the Trust Fund for the purpose of effectuating the termination of the affairs of the Trust Fund. The Board may take any action with regard to insurance policies or group contracts that may be required by the insurance carrier and which the Trustees, in their discretion, may deem appropriate.

ARTICLE 9 MISCELLANEOUS

- 9.1 Situs. The Trust Fund shall have and maintain a principal office in California, and the Board shall be deemed to be located in the State of California.
- 9.2 Choice of Law. This Agreement and the Trust Fund created hereby shall be construed, regulated, enforced and administered in accordance with the internal laws of the State of California applicable to contracts made and to be performed within California (without regard to any conflict of laws provisions).
- 9.3 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all of which shall be considered the same instrument. The signature of any party on any counterpart of this Agreement shall be sufficient evidence of his execution thereof.
- 9.4 Titles; Plurals; and Gender. Titles, headings, and subheadings for sections and paragraphs are inserted for the convenience of reference only, and this Agreement shall not be construed by reference to them. Wherever required by context, the singular of any word used in this Agreement shall include the plural and the plural may be read in the singular. Words used in the masculine shall be read and construed in the feminine where they would so apply.
- 9.5 Service of Process. The Board is hereby designated as agent for service of legal process on the Trust Fund.
- 9.6 Validity of Trustees' Accounts and Instruments. No person, partnership, corporation or association dealing with the Board shall be obliged to see to the application of any funds or property of the Trust Fund, to see that the terms of this Agreement and Declaration of Trust have been complied with, or be obliged to inquire into the necessity or expediency of any act of the Board. Every certificate or other instrument executed by the Chairperson or Vice Chairperson and Secretary of the Board shall be conclusive in favor of any person, partnership, corporation or association relying thereon that:
- (a) At the time of the delivery of said instrument the Trust Fund was in full force and effect;
 - (b) Said instrument was effected in accordance with the terms and conditions of this Agreement; and
 - (c) The Chairperson or Vice Chairperson and Secretary was duly authorized and empowered to execute such instrument.

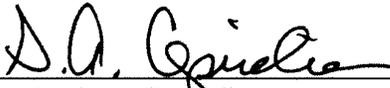
- 9.7 Notices. Unless otherwise specified herein, all notices, instructions and advices with respect to Securities transactions, or any other matters contemplated by this Agreement, shall be deemed duly given when either delivered in writing or when deposited by first class mail.
- 9.8 Severability. If any one or more of the covenants, agreements, provisions or terms of this Agreement (or any amendment hereto) shall be held contrary to any provision of law, or shall for any reason whatsoever be held invalid, then such covenants, agreements, provisions or terms (or amendments) shall:
- (a) Be enforced only to the extent not contrary to law or invalid;
 - (b) Be deemed severable from the remaining covenants, agreements, provisions or terms of this Agreement; and
 - (c) Shall in no way affect the validity or enforceability of the other provisions of this Agreement or the rights of the parties hereto.
- 9.9 Legal Compliance. The Board, Administrator, each Trustee, and each Committee shall carry out its respective duties and responsibilities under this Agreement in accordance with, and be limited in the exercise of its rights and obligations by, the provisions of the Code and other applicable law.
- 9.10 Successor Provisions of Law. Any references to a section of the Code, or to any regulations or administrative pronouncements thereunder, shall be deemed to include a reference to any successor provision of the Code (or of any successor federal law) or to any successor regulations or administrative pronouncements thereunder.
- 9.11 Entire Agreement. This Agreement sets forth the entire agreement of the parties hereto, is intended to be the complete and exclusive statement of the terms hereof, and may not be modified or amended except pursuant to the procedure set forth in Section 8.1.
- 9.12 Construction. Anything in this Agreement, or any amendment hereof, to the contrary notwithstanding, no provision of this Agreement shall be construed so as to violate the requirements of the Code, or other applicable law.
- 9.13 Inurement. This Agreement shall inure to the benefit of the Board and its successors and assigns, and the Covered Employees.
- 9.14 Rights in Fund. No Covered Employee or other person (or group of persons), nor any organization (other than the Board) or any person claiming by or through them, shall have any right, title or interest in any of the income or property of any character received or held by or for the account of the Trust Fund. No such person shall be entitled to any payment (or other interest) from the assets of the Trust Fund unless and until the Board determines that he fulfills all the requirements necessary to receive a benefit.
- 9.15 Trust Grants No Interest to Covered Employees. Neither the creation of this Trust Fund nor anything contained in this Agreement shall be construed as giving any Covered

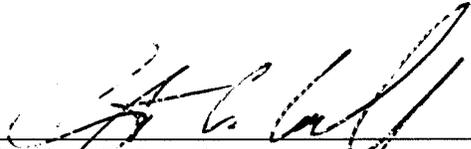
Employee entitled to benefits hereunder any right to be continued in the employ of any Contributing Employer or any equity or other interest in the assets of the Trust Fund.

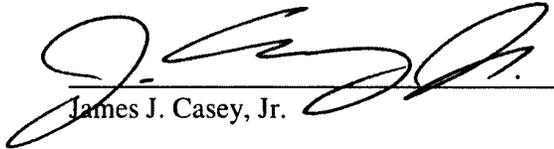
- 9.16 Duration of Agreement. This Agreement shall continue in effect without limit as to time; subject, however, to the provisions of this Agreement relating to amendment, modification and termination thereof set forth in ARTICLE 8.

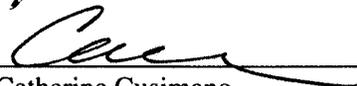
SIGNATURES ON FOLLOWING PAGE

IN WITNESS WHEREOF, the undersigned do hereby cause this instrument to be executed as of the day and year first above written.


Stephanie A. Caprioglio

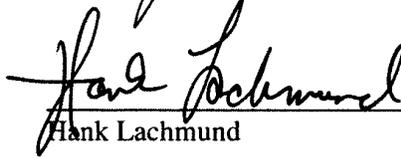

Stephen C. Carroll


James J. Casey, Jr.


Catherine Cusimano

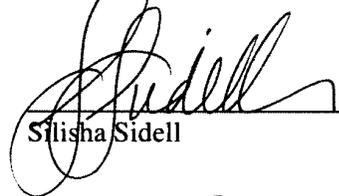

Robert W. Johnson


Kay Kimmel

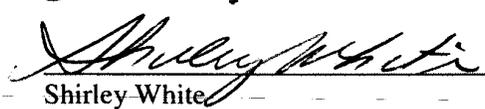

Hank Lachmund


Wayne Runyon


Marc Sandman


Silisha Sidell


Robert Todd


Shirley White

ALLIANCE OF MOTION PICTURE &
TELEVISION PRODUCERS, INC.

Carol Lombardini

AMENDMENT TO DECLARATION OF TRUST
OF
CONTRACT SERVICES ADMINISTRATION TRUST FUND

The Trust Agreement creating the Contract Services Administration Trust Fund, being the agreement dated April 22, 1965, has heretofore been amended by the Trustees and the Association of Motion Picture and Television Producers, Inc. to change the number of Trustees (Article V) from three (3) to twenty (20) and to change the requirements for a quorum (Article VII, Section 4) from two (2) to nine (9).

It is now agreed by the Trustors, the Trustees and the Association that said agreement shall be further amended by changing Article IV to read as follows:

"IV

PURPOSES OF TRUST

The purpose of this Trust is to provide a Fund to be used for the administration of apprenticeship and other training programs within the motion picture industry; maintenance of appropriately classified and delineated seniority rosters within the motion picture industry; administration of safety programs and studies within the motion picture industry; administering and financing physical examinations in connection with any uniform industry retirement programs; and generally for the carrying on of similar such programs for the administration of other industry-wide services, studies or education as may be approved or sel-

ected by the Trustees in connection with matters arising within the scope of any collective bargaining agreement pursuant to which contributions are made to this Trust; and for the handling at the request of any employer contributor to the Fund of any second step grievance procedures arising under any such collective bargaining agreement which by its terms specifies the Fund as the appropriate party to handle such procedures for such employer."

IN WITNESS WHEREOF, the following parties hereto have executed this agreement as of this 12th day of October, 1973.

Association of Motion Picture and Television Producers, Inc.

By: Billy H. Hunt

Trustors:

Trustees:

Metro-Goldwyn-Mayer, Inc.

By: Benjamin B. Kahn

Universal Pictures Co., Inc.

By: Martha R. Hughes

Warner Bros. Pictures, Inc.

By: E. F. Greenlaw

Billy H. Hunt

Howard P. Chamie

Howard Fabricio

Ernest Amis

Richard S. Schenland

Edward P. Pollack

Trustees:

L. H. Schiff

Doak Williams

Wortman

H. M. ...

... ..

... ..

Benjamin B. ...

... ..

... ..

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: **APR 30 2010**

CONTRACT SERVICES ADMINISTRATION
TRUST FUND
C/O INGRID LOHNE
2800 WINONA AVE
BURBANK, CA 91504

Employer Identification Number:
95-6156946
DLN:
17053342366039
Contact Person: CHITRA MAMLATDARNA ID# 52471
Contact Telephone Number:
(877) 829-5500

Accounting Period Ending:
January 31
Form 990 Required:
Yes
Effective Date of Exemption:
December 02, 2009
Contribution Deductibility:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax-exempt status we have determined that you are exempt from Federal income tax under section 501(c)(6) of the Internal Revenue Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

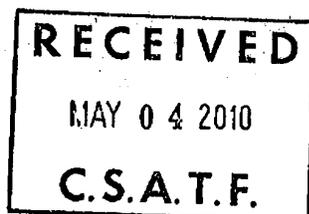
Please see enclosed Publication 4221-NC, Compliance Guide for Tax-Exempt Organizations (Other than 501(c)(3) Public Charities and Private Foundations), for some helpful information about your responsibilities as an exempt organization.

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-NC



Letter 948 (DO/CG)

Exhibit 2.10

DECLARATION OF JESUS G. ROMAN

I, **Jesús G. Román**, declare and state:

1. I am the Managing Associate General Counsel for Los Angeles SMSA Limited Partnership d.b.a Verizon Wireless (Los Angeles SMSA). My business address is 13031 W Jefferson Blvd, Bldg 500, Los Angeles, CA 90094. My phone number is 805-208-1187.
2. I am providing this declaration in connection with Los Angeles SMSA's zoning application package.
3. Los Angeles SMSA holds a Certificate of Public Convenience and Necessity (CPCN) with the California Public Utilities Commission (CPUC) and a Wireless Identification Registration (WIR). Los Angeles SMSA holds a CPCN by virtue of CPUC Decision No. 94-05-061. CPUC Decision 94-10-031, implementing Federal legislation that prohibits states from erecting barriers to wireless service entry, explicitly recognized that a wireless provider with a CPCN (like Los Angeles SMSA) is deemed to satisfy the WIR requirement, stating: "Such carriers are deemed to have complied with the Wireless Identification Registration requirement." See D.94-10-031, 1994 Cal. PUC LEXIS 700, *7, 56 CPUC2d 578 (Cal. P.U.C. Oct. 12, 1994).
4. The CPUC maintains a publicly available database of public utilities that have authority to operate in California. The CPUC assigns a Utility Number to each such public utility. Los Angeles SMSA's CPCN can be verified by visiting the CPUC's website and entering Los Angeles SMSA into the "Search Utility Name" field (<https://apps.cpuc.ca.gov/apex/f?p=102:1:::RP::>). Doing this will show the utility name as Los Angeles SMSA Limited Partnership and show the dba as Verizon Wireless. It will also show the Utility number assigned to Los Angeles SMSA as 3003 and note the CPCN approval date. Graphically, it shows this:



Utility Contact System Search

The Utility Contact System (UCS) is the Communications Division's database for the primary regulatory contact for each telephone corporation operating in California. The Communications Division sends important regulatory notices to the regulatory contact for each to update their UCS record if their e-mail address changes.

Telephone corporations may update UCS contact information using the form on the following page: [Carrier Reporting Requirements](#)

A description of the different utility types (granted authorities) are listed on the following page: [Utility Type Descriptions](#)

Search Utility Name Search Utility Number

Utility Name ↑	Alias (DBA Name)	Utility Number	Street Address	City	State	Zip	Phone Number	Email	Utility Type	CPCN Approval Date
Los Angeles Smsa Limited Partnership	VERIZON WIRELESS	3003	PO BOX 3190	CHANDLER	AZ	85244	(202) 515-2463	VZWAgencyComplaint@verizonwireless.com	CEC	01-21-1994
Los Angeles Smsa Limited Partnership	VERIZON WIRELESS	3003	5055 NORTH POINT PARKWAY	ALPHARETTA	GA	30022	(202) 515-2463	losangeles3003@verizon.com	CEC	01-21-1994

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on July 2, 2025 at Simi Valley, CA.

Jesús G. Román
Managing Associate General Counsel

Exhibit 3.15

APPENDIX A

***Optional Checklist for Determination
Of Whether a Facility is Categorically Excluded***

**Optional Checklist for Local Government
To Determine Whether a Facility is Categorically Excluded**

Purpose: The FCC has determined that many wireless facilities are unlikely to cause human exposures in excess of RF exposure guidelines. Operators of those facilities are exempt from routinely having to determine their compliance. These facilities are termed "categorically excluded." Section 1.1307(b)(1) of the Commission's rules defines those categorically excluded facilities. This checklist will assist state and local government agencies in identifying those wireless facilities that are categorically excluded, and thus are highly unlikely to cause exposure in excess of the FCC's guidelines. Provision of the information identified on this checklist may also assist FCC staff in evaluating any inquiry regarding a facility's compliance with the RF exposure guidelines.

BACKGROUND INFORMATION

- 1. Facility Operator's Legal Name: Los Angeles SMSA Limited Partnership, a California limited partnership d/b/a Verizon Wireless
- 2. Facility Operator's Mailing Address: 15505 Sand Canyon Avenue, Irvine, CA 92618
- 3. Facility Operator's Contact Name/Title: Melissa Ranek, Sr Engineer Consultant Los Angeles Macros
- 4. Facility Operator's Office Telephone: 949 286 7000
- 5. Facility Operator's Fax: _____
- 6. Facility Name: Brighton
- 7. Facility Address: 2710 Winona Avenue
- 8. Facility City/Community: Burbank
- 9. Facility State and Zip Code: CA, 91504
- 10. Latitude: 34.199047
- 11. Longitude: -118.340889

continue
→

Optional Local Government Checklist (page 2)

700 LTE

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: $EIRP = (1.64) \times ERP$): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 4

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 1330.76

20. Multiply answer 18 by answer 19: 5323.01 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

AWS3

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

(a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).

(b) This facility will not be mounted on a building (see question 13).

(c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 4581.84

20. Multiply answer 18 by answer 19: 9163.68 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

PCS LTE

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 4159.49

20. Multiply answer 18 by answer 19: 8318.98 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

AWS LTE

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 4581.84

20. Multiply answer 18 by answer 19: 9163.68 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

850 LTE

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 4

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 1051.77

20. Multiply answer 18 by answer 19: 4207.08 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

CBRS

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 1088.80

20. Multiply answer 18 by answer 19: 2177.6 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

850 NR

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 4

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 946.59

20. Multiply answer 18 by answer 19: 3786.36 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

PCS NR

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

(a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).

(b) This facility will not be mounted on a building (see question 13).

(c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 6236.63

20. Multiply answer 18 by answer 19: 12473.26 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

AWS3 NR

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

(a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).

(b) This facility will not be mounted on a building (see question 13).

(c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 1717.71

20. Multiply answer 18 by answer 19: 3435.42 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Optional Local Government Checklist (page 2)

N-77

LTE - 700/850/PCS/AWS/CBRS; 5G: 850/PCS/AWS3/N-77

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): _____

13. Structure Type (free-standing or building/roof-mounted): Building Roof Mounted

14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional

15. Height above ground of the lowest point of the antenna (in meters): 17.43 Meters

16. Check if all of the following are true:

(a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).

(b) This facility will not be mounted on a building (see question 13).

(c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: EIRP = (1.64) X ERP): 1000 W (ERP)

18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: 2

19. Enter the ERP or EIRP per channel (using the same units as in question 17): 32572.39

20. Multiply answer 18 by answer 19: 65144.78 W (ERP)

21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)?
NO

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

Site will operate within all FCC mandated RF exposure guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

Exhibit 3.15-A



August 2, 2024

RE: Verizon Rooftop Site Located at: 2710 Winona St. Burbank CA 91504

To Whom It May Concern,

We write to inform you that Verizon Wireless has performed a radio frequency (RF) compliance pre-construction evaluation for the above-noted proposed site and based on the result of the evaluation, the site will be compliant with FCC Guidelines.

The FCC has established safety rules relating to potential RF exposure from cell sites. The rules are codified at 47 C.F.R § 1.1310. The FCC provides guidance on how to ensure compliance with its rules in the FCC Office of Engineering and Technology Bulletin 65 (available at https://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf). The FCC developed the RF standards, known as Maximum Permissible Exposure (MPE) limits, in consultation with numerous other federal agencies, including the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration. The FCC provides information about the safety of radio frequency (RF) emissions from cell towers on its website at: <https://www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety>.

Please refer to the FCC Office of Engineering and Technology Bulletin 65 and the attached Verizon Wireless RF Brochure for information on RF exposure guidelines, RF safety, and landlord responsibilities. Questions related to compliance with federal regulations should be directed to VZWRFCCompliance@VerizonWireless.com.

Please contact your local Verizon Wireless resource below if you have additional site-specific questions.

Contact Name	Contact Email	Contact Phone
Michael Armanios	WestSoCalNetworkCompliance@verizonwireless.com	949-237-0120

Sincerely,

Jason Giggles
Manager-RF System Design
Verizon Wireless



RADIOFREQUENCY EMISSIONS

SAFETY & AWARENESS REFERENCE GUIDE

This handout is not intended to replace the FCC/OSHA mandated occupational requirement for RF Safety & Awareness Training

FEDERAL COMPLIANCE REQUIREMENTS

The Federal Communications Commission (FCC) has established safety guidelines relating to RF exposure from cell sites. The FCC developed those standards, known as Maximum Permissible Exposure (MPE) limits, in consultation with numerous other federal agencies, including the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration.

The standards were developed by expert scientists and engineers after extensive reviews of the scientific literature related to RF biological effects. The FCC explains that its standards incorporate prudent margins of safety.

CLASSIFICATIONS FOR EXPOSURE LIMITS

OCCUPATIONAL

Persons are “exposed as a consequence of their employment” and are “fully aware of the potential for exposure and can exercise control over their exposure.”

GENERAL POPULATION

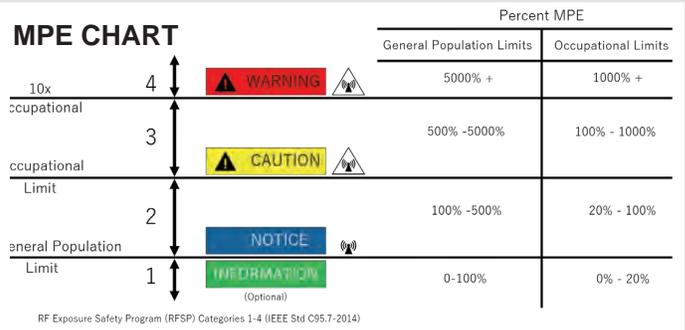
Any persons that “may not be made fully aware of the potential for exposure or cannot exercise control over their exposure.”

Those in this category do not require RF Safety & Awareness Training.

ENSURING COMPLIANCE WITH FCC GUIDELINES

Areas or portions of any transmitter site may be susceptible to high power densities that could cause personnel exposures in excess of the FCC guidelines. Wireless Licensees are required by law to implement the following:

- Restrict access
- Post notification signage on every access point to increase awareness of the potential for exposure BEFORE one enters an area with antennas.
- Place additional notification signage and visual indicators in an area with antennas (beyond an access point) where RF exposure levels may start to exceed the FCC's limits.



GENERAL EXPOSURE MANAGEMENT

- Assume that all antennas are active
- Obey all posted signs
- Do not stop in front of any antenna
- Recognize the type of antenna and approach at the safest angle
- Contact wireless operator to coordinate access if required
- Signage will indicate where potential RF conditions exist
- Understand pathways of safe egress
- If needed and possible wear personal protection equipment
- When using a personal monitor, remember the time averaging limits and monitor alarm thresholds if working in front of antennas
- If experiencing symptoms of heat exhaustion or nausea, remove yourself from the worksite and seek medical attention
- Power density decreases with distance so maintain distance between you and the antennas. The greater the distance you are from an antenna the bigger the reduction of RF exposure you will receive

PROPERTY OWNER RESPONSIBILITIES (M.E.N.U.)

RF exposure safety and the protection of every licensee's infrastructure are very important. Property owners and licensees have a shared responsibility in maintaining a safe and secure RF environment. Property owners can help in this significant endeavor by:

- **M**aintaining all necessary wireless licensee contact information.
- **E**nforcing restricted access (help maintain a Controlled Environment). Ensuring all building/maintenance personnel are trained in RF Safety, aware that the potential for exposure exists, and follow all appropriate entry and safety procedures.
- **N**otifying all licensees when any non-carrier requests access to any area with antennas at least 24 hours in advance.
- **U**nderstanding that compliance with the FCC and OSHA can be achieved with RF Exposure levels above the applicable limit if the proper signage, physical/indicative barrier, and access restrictions are implemented. Commitment to compliance and willingness to cooperate are essential.

NOTIFICATION SIGNS



A blue Notice sign is posted when levels (beyond posted signage) may exceed General Population MPE limits.



A yellow Caution sign is posted when levels (beyond posted signage) may exceed Occupational MPE limits.



A orange Warning sign is posted when levels (beyond posted signage) exceed 10 times the Occupational MPE limits.

TYPES OF ANTENNAS

MICROWAVE ANTENNA

- Highly directional antenna model used for point to point communications
- Approach from the rear and sides. Do not stand or walk in front of microwaves as they transmit at a high frequency.



PANEL ANTENNA

- Range from 1 to 8 feet in length
- Sled mounted or to a support structure on site (Rooftop)
- Approach these antennas from the rear.



OMNI ANTENNA

- Omni antennas have the appearance of a rod-shaped pole and radiate in a 360° pattern around the pole.
- At the antenna level, there is no approach angle that is safer than another. Typically, emissions directly below the antenna are less than in front of the antenna.



QUASI-OMNI ANTENNA

- Quasi-Omni antennas have the appearance of a cylinder and contain emitters that radiate in a 360° pattern around the pole.
- At the antenna level, there is no approach angle that is safer than another. Typically, emissions directly below the antenna are less than in front of the antenna.



YAGI ANTENNA

- Directional antenna model
- Approach from sides and rear.



RF SAFETY TRAINING CONTACTS

WATERFORD CONSULTANTS www.waterfordconsultants.com
 EBI www.ebiconsulting.com
 SITESAFE www.sitesafe.com
 DTECH COMMUNICATIONS..... www.dtech.com



CONTACT US

Email: VZWRFCCompliance@vzw.com
Subject: "ATTN:RF Compliance"

For Emergency Maintenance:
1-800-264-6620



Exhibit 3.17

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: LOS ANGELES SMSA LIMITED PARTNERSHIP

ATTN: LICENSING COMPLIANCE
LOS ANGELES SMSA LIMITED PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNKA209	File Number 0011144440
Radio Service CL - Cellular	
Market Numer CMA002	Channel Block B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0002963817

Market Name Los Angeles-Long Beach/Anaheim
--

Grant Date 08-27-2024	Effective Date 08-27-2024	Expiration Date 10-01-2034	Five Yr Build-Out Date	Print Date 08-27-2024
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	33-56-38.2 N	116-53-37.3 W	915.0	51.2	1011029

Address: 1999 8TH STREET

City: BANNING **County:** RIVERSIDE **State:** CA **Construction Deadline:**

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-668.200	-417.800	269.800	-7.400	64.200	272.000	202.300	-88.300
Transmitting ERP (watts)	91.830	91.830	91.830	91.830	91.830	91.830	91.830	91.830

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	34-30-25.0 N	117-54-06.3 W	926.8	33.5	
Address: 12747 PEARBLOSSOM HIGHWAY					
City: Pearblossom County: LOS ANGELES State: CA Construction Deadline:					

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.900	94.400	-29.400	-328.400	-564.200	-289.100	-8.200	133.600
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	34-08-51.0 N	118-41-54.3 W	234.4	21.3	
Address: 4937 LAS VIRGENES ROAD					
City: CALABASAS County: LOS ANGELES State: CA Construction Deadline:					

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-160.900	-26.900	-90.200	-182.500	42.000	-144.500	-34.300	184.100
Transmitting ERP (watts)	93.330	93.330	93.330	93.330	93.330	93.330	93.330	93.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	33-52-01.1 N	116-26-03.0 W	476.1	37.2	
Address: 70500 VARNER RD.					
City: DESERT HOT SPRINGS County: RIVERSIDE State: CA Construction Deadline:					

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-61.800	-211.400	183.500	419.200	366.400	352.700	234.700	214.200
Transmitting ERP (watts)	3.800	28.840	91.200	85.110	24.550	2.750	0.200	0.200

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-61.800	-211.400	183.500	419.200	366.400	352.700	234.700	214.200
Transmitting ERP (watts)	0.580	0.100	0.100	2.370	15.660	31.940	25.130	6.090

Antenna: 7

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-61.800	-211.400	183.500	419.200	366.400	352.700	234.700	214.200
Transmitting ERP (watts)	159.760	78.440	12.150	0.700	0.400	2.370	30.450	125.700

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	34-31-47.0 N	118-08-42.3 W	1334.0	42.7	

Address: 35660 VISTA VIEW TERRACE

City: PALMDALE County: LOS ANGELES State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	566.300	578.400	482.000	143.100	268.300	476.600	313.000	379.200
Transmitting ERP (watts)	43.010	42.930	29.600	14.430	38.260	24.800	7.300	29.950

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	34-36-37.1 N	117-17-17.3 W	1376.6	27.4	

Address: 17232 ORO GRANDE PEAK ROAD

City: VICTORVILLE County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	454.800	339.700	434.200	487.100	535.000	507.100	549.400	571.400
Transmitting ERP (watts)	60.630	56.330	17.180	0.590	0.240	0.240	0.820	23.790

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	455.400	340.500	434.900	487.700	535.600	507.700	550.000	572.000
Transmitting ERP (watts)	0.240	0.490	6.630	27.690	47.610	40.110	14.060	1.790

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	34-23-11.0 N	118-19-47.2 W	1481.3	30.5	

Address: 11005 SANTA CLARA DIVIDE RD., 8 MI N OF

City: LOS ANGELES County: LOS ANGELES State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	738.500	640.900	78.900	506.700	856.500	908.500	872.400	901.100
Transmitting ERP (watts)	87.060	100.090	74.220	12.600	0.290	3.640	43.660	101.550

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	33-49-38.0 N	116-57-15.0 W	1083.0	15.5	

Address: 40480 SOBOBA ROAD

City: SAN JACINTO County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	325.900	245.500	-151.100	487.000	580.100	623.300	604.100	487.900
Transmitting ERP (watts)	0.200	0.510	7.560	24.990	25.340	22.840	5.030	0.200

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	325.900	245.500	-151.100	487.000	580.100	623.300	604.100	487.900
Transmitting ERP (watts)	1.480	0.100	0.100	0.280	3.840	10.190	10.010	8.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	34-05-06.0 N	118-46-57.3 W	842.4	16.8	

Address: 1953 LATIGO CANYON ROAD

City: MALIBU County: LOS ANGELES State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	457.000	528.300	404.700	722.400	615.600	591.600	449.600	520.100
Transmitting ERP (watts)	16.000	4.020	0.380	0.100	0.100	0.100	0.330	3.580

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	34-48-09.9 N	118-48-53.3 W	1485.0	31.1	

Address: Gorman Peak Site 37411 GORMAN POST ROAD

City: GORMAN County: LOS ANGELES State: CA Construction Deadline:

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	493.200	130.500	522.900	363.600	531.400	265.600	-158.700	438.900
Transmitting ERP (watts)	0.540	4.110	215.770	27.160	1.560	0.540	0.540	0.540

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	493.200	130.500	522.900	363.600	531.400	265.600	-158.700	438.900
Transmitting ERP (watts)	0.480	0.480	1.010	6.830	242.180	6.230	0.920	0.480

Antenna: 7

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	493.200	130.500	522.900	363.600	531.400	265.600	-158.700	438.900
Transmitting ERP (watts)	1.560	0.540	0.540	0.540	0.540	4.110	215.770	27.160

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
24	34-15-54.0 N	117-10-08.1 W	1620.3	13.4	

Address: 29101 Hospital Road

City: Lake Arrowhead County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	309.100	0.000	-283.100	-77.700	553.300	602.400	233.100	388.000
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
28	33-31-32.1 N	115-56-38.0 W	-64.0	31.7	

Address: 98775 HIGHWAY 111

City: MECCA County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-334.700	-474.700	-122.900	24.800	37.100	32.100	31.800	-53.700
Transmitting ERP (watts)	10.230	0.950	0.200	0.350	3.390	33.110	95.500	63.100

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-334.700	-474.700	-122.900	24.800	37.100	32.100	31.800	-53.700
Transmitting ERP (watts)	2.180	18.960	137.390	250.000	99.530	12.530	1.070	0.500

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
29	33-46-17.1 N	118-22-10.3 W	272.2	15.5	

Address: 734 SILVER SPUR ROAD

City: ROLLING HILLS County: LOS ANGELES State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	247.600	263.800	256.200	80.700	282.000	142.000	176.100	266.400
Transmitting ERP (watts)	6.680	6.680	6.680	6.680	6.680	6.680	6.680	6.680

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
31	33-23-12.1 N	118-24-08.6 W	479.2	39.7	

Address: 5 miles NW of Avalon, ON BLACK JACK MTN.

City: Santa Catalina ISLAN County: LOS ANGELES State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	472.000	473.800	478.100	157.500	383.600	196.000	365.500	282.600
Transmitting ERP (watts)	0.100	0.100	0.960	1.740	0.240	0.100	0.100	0.100

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	472.000	473.800	478.100	157.500	383.600	196.000	365.500	282.600
Transmitting ERP (watts)	0.690	0.100	0.100	0.100	0.100	0.100	0.380	1.950

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
32	33-39-19.1 N	115-27-12.9 W	1147.8	35.7	

Address: CHUCKWALLA CELL SITE: 6 MILES SW OF

City: DESERT CENTER County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	851.900	909.500	545.300	242.600	479.000	655.200	690.100	569.500
Transmitting ERP (watts)	34.990	34.990	34.990	34.990	34.990	34.990	34.990	34.990

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
34	34-54-53.1 N	117-31-27.4 W	997.9	25.9	

Address: KRAMER HILLS ROAD AND HIGHWAY 395

City: 5 MI S OF KRAMER County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	242.800	265.900	246.000	150.000	146.300	114.200	118.300	219.700
Transmitting ERP (watts)	0.200	0.840	11.380	81.100	57.810	6.110	0.320	0.200

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	242.800	265.900	246.000	150.000	146.300	114.200	118.300	219.700
Transmitting ERP (watts)	0.200	0.860	48.980	34.670	0.870	0.200	0.200	0.200

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	242.800	265.900	246.000	150.000	146.300	114.200	118.300	219.700
Transmitting ERP (watts)	70.790	68.230	8.260	0.410	0.200	0.200	0.780	8.430

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
36	33-36-20.1 N	114-54-07.9 W	118.6	53.0	

Address: WILEYS WELL ROAD AND INTERSTATE 10

City: 14 M. W. OF BLYTHE County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-98.800	-118.400	24.600	-35.200	0.200	1.000	45.700	39.500
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	35-26-09.9 N	115-55-29.0 W	1354.2	40.5	

Address: TURQUOISE MOUNTAIN COMMUNICATIONS CELL SITE: 14 MILES NORTHEAST OF

City: BAKER County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	360.700	223.700	176.800	312.300	610.900	621.100	701.400	470.500
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
38	34-42-36.0 N	116-09-07.0 W	634.0	60.7	

Address: 25255 BAGDAD CHASE ROAD; 3 MI S OF

City: LUDLOW County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	255.100	63.800	81.700	151.500	25.100	-88.300	35.600	71.400
Transmitting ERP (watts)	183.670	183.670	183.670	183.670	183.670	183.670	183.670	183.670

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	34-50-05.0 N	114-37-03.0 W	186.2	34.7	1025847

Address: 1111 BAILEY AVE

City: NEEDLES County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	67.300	22.600	27.900	67.800	-91.000	-244.700	-271.000	-51.900
Transmitting ERP (watts)	157.770	22.540	1.120	0.400	0.400	1.240	12.740	120.790

Licensee Name: LOS ANGELES SMSA LIMITED

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File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	34-50-05.0 N	114-37-03.0 W	186.2	34.7	1025847

Address: 1111 BAILEY AVE

City: NEEDLES County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	67.300	22.600	27.900	67.800	-91.000	-244.700	-271.000	-51.900
Transmitting ERP (watts)	0.400	1.600	22.750	162.190	115.620	12.220	0.640	0.400

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	67.300	22.600	27.900	67.800	-91.000	-244.700	-271.000	-51.900
Transmitting ERP (watts)	1.040	0.400	0.830	7.910	72.620	196.800	110.160	15.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
40	34-09-11.6 N	116-23-22.4 W	1156.1	24.4	1263982

Address: Yucca Valley Site 58399 Serin Drive

City: YUCCA VALLEY County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.400	270.600	356.000	110.600	-53.900	154.300	-106.700	-1.300
Transmitting ERP (watts)	2.780	49.430	311.890	159.960	10.570	1.390	0.680	0.680

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.400	270.600	356.000	110.600	-53.900	154.300	-106.700	-1.300
Transmitting ERP (watts)	1.360	0.680	0.680	3.500	35.810	284.450	196.790	14.930

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.400	270.600	356.000	110.600	-53.900	154.300	-106.700	-1.300
Transmitting ERP (watts)	319.150	58.080	4.610	0.710	0.680	0.680	10.090	156.310

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	33-39-17.7 N	115-59-10.8 W	560.0	38.4	

Address: INTERSTATE 10, 12 MILES EAST OF

City: INDIO County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-249.500	-376.300	189.300	272.700	507.000	541.900	491.700	229.100
Transmitting ERP (watts)	0.100	0.100	0.160	2.400	14.390	7.620	0.770	0.100

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	33-39-17.7 N	115-59-10.8 W	560.0	38.4	

Address: INTERSTATE 10, 12 MILES EAST OF

City: INDIO County: RIVERSIDE State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-249.500	-376.300	189.300	272.700	507.000	541.900	491.700	229.100
Transmitting ERP (watts)	30.760	2.470	0.200	0.200	0.200	1.770	25.230	99.770

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
42	35-19-26.8 N	117-37-05.2 W	998.5	25.6	

Address: 4 MILES WEST OF STATE HIGHWAY 395 4 MILES SOUTH OF JOHANNESBURG

City: SAN BERNARDINO County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	0.100	-127.300	173.100	106.600	116.800	64.100	-36.500	68.700
Transmitting ERP (watts)	30.900	144.890	195.450	85.320	12.330	0.800	0.400	2.520

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	0.100	-127.300	173.100	106.600	116.800	64.100	-36.500	68.700
Transmitting ERP (watts)	1.150	15.170	100.240	200.000	132.140	24.610	2.240	0.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
43	35-07-57.9 N	116-12-23.1 W	468.8	34.7	

Address: RASOR ROAD AND INTERSTATE 15 16 MILES SOUTHWEST OF

City: BAKER County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-195.100	115.600	158.900	177.300	113.600	118.000	146.900	-272.200
Transmitting ERP (watts)	183.670	183.670	183.670	183.670	183.670	183.670	183.670	183.670

Licensee Name: LOS ANGELES SMSA LIMITED

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File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
44	33-40-53.1 N	115-14-52.9 W	220.7	49.8	

Address: CORN SPRINGS ROAD & INTERSTATE 10 9 MILES EAST OF DESERT CENTER

City: Corn Springs County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.000	40.100	131.000	61.800	-133.600	-362.100	-99.600	89.600
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
45	33-29-37.1 N	116-47-42.0 W	1136.0	25.6	

Address: 43395 MCCAIN LANE; 5 MILES NE OF

City: AGUANGA County: RIVERSIDE State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-65.300	-42.700	-98.200	-165.800	131.300	372.900	554.800	287.600
Transmitting ERP (watts)	2.940	106.640	79.060	2.080	0.500	0.500	0.500	0.500

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-65.300	-42.700	-98.200	-165.800	131.300	372.900	554.800	287.600
Transmitting ERP (watts)	0.650	0.340	0.340	0.340	0.710	4.790	169.820	4.370

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
46	35-27-10.9 N	116-35-41.1 W	1603.0	26.2	1215044

Address: Fort Irwin Military Base

City: Fort Irwin County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	659.700	503.700	552.800	657.000	724.400	627.500	595.200	719.100
Transmitting ERP (watts)	0.960	4.300	49.710	106.690	33.400	3.890	0.610	0.610

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	659.700	503.700	552.800	657.000	724.400	627.500	595.200	719.100
Transmitting ERP (watts)	3.440	0.890	0.610	0.700	4.240	82.600	306.890	92.680

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	659.700	503.700	552.800	657.000	724.400	627.500	595.200	719.100
Transmitting ERP (watts)	125.500	153.290	39.110	0.430	0.430	0.430	0.430	13.790

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
47	34-04-48.0 N	114-46-45.0 W	277.7	60.7	1030851

Address: STATE HIGHWAY 62

City: RICE County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-162.100	3.500	-20.100	65.300	115.700	98.800	63.200	65.700
Transmitting ERP (watts)	200.950	5.410	0.680	0.400	0.400	0.400	0.780	6.650

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-162.100	3.500	-20.100	65.300	115.700	98.800	63.200	-65.700
Transmitting ERP (watts)	0.400	0.780	6.650	200.950	5.410	0.680	0.400	0.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
48	34-10-45.1 N	114-34-04.9 W	269.8	53.0	

Address: 4200 STATE HIGHWAY 95

City: VIDAL JUNCTION County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-103.400	-72.300	65.200	134.100	51.000	26.400	-35.500	-43.200
Transmitting ERP (watts)	5.330	80.350	357.270	341.190	69.500	6.580	0.860	0.860

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-103.400	-72.300	65.200	134.100	51.000	26.400	-35.500	-43.200
Transmitting ERP (watts)	1.230	1.080	1.080	13.900	173.780	540.750	130.920	9.820

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-103.400	-72.300	65.200	134.100	51.000	26.400	-35.500	-43.200
Transmitting ERP (watts)	427.560	61.090	3.040	1.080	1.080	3.370	34.510	327.340

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	34-28-42.0 N	114-24-59.8 W	175.7	53.0	

Address: 12121 Malamedia Rd.

City: HAVASU LAKE County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 7

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.100	-41.700	-25.600	23.800	-147.000	-70.800	-116.100	-221.600
Transmitting ERP (watts)	55.790	65.260	36.320	5.710	0.490	0.370	2.880	21.870

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	34-28-42.0 N	114-24-59.8 W	175.7	53.0	

Address: 12121 Malamedia Rd.

City: HAVASU LAKE County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 8

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.100	-41.700	-25.600	23.800	-147.000	-70.800	-116.100	-221.600
Transmitting ERP (watts)	0.730	11.170	42.900	65.740	53.820	16.090	1.850	0.370

Antenna: 9

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.100	-41.700	-25.600	23.800	-147.000	-70.800	-116.100	-221.600
Transmitting ERP (watts)	1.630	0.350	0.350	0.350	1.240	44.920	170.780	50.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
50	34-38-38.9 N	116-37-36.0 W	1815.7	37.8	

Address: 21411 CAMP ROCK ROAD 15 MILES SOUTH OF NEWBERRY SPRINGS

City: Newberry Springs County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	824.700	743.900	677.300	839.400	833.100	662.000	512.600	548.900
Transmitting ERP (watts)	0.400	0.400	0.400	1.260	38.110	191.000	76.040	3.320

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	824.700	743.900	677.300	839.400	833.100	662.000	512.600	548.900
Transmitting ERP (watts)	186.650	31.700	1.050	0.400	0.400	0.500	3.480	83.370

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	824.700	743.900	677.300	839.400	833.100	662.000	512.600	548.600
Transmitting ERP (watts)	0.910	14.830	144.890	141.590	12.050	0.940	0.400	0.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	35-14-12.0 N	115-25-24.0 W	1471.6	42.1	

Address: CIMA ROAD AND RANCH ROAD 4.5 MILES EAST OF

City: CIMA County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	417.900	269.400	-214.300	-119.100	-157.300	302.100	121.100	119.900
Transmitting ERP (watts)	1.120	9.350	77.810	195.450	129.130	25.180	3.030	0.490

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	35-14-12.0 N	115-25-24.0 W	1471.6	42.1	

Address: CIMA ROAD AND RANCH ROAD 4.5 MILES EAST OF

City: CIMA County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	417.900	269.400	-214.300	-119.100	-157.300	302.100	121.100	119.900
Transmitting ERP (watts)	0.960	0.470	3.170	26.980	135.220	186.650	70.960	8.730

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	417.900	269.400	-214.300	-119.100	-157.300	302.100	121.100	119.900
Transmitting ERP (watts)	195.450	138.370	31.700	3.640	1.050	5.510	44.770	151.720

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
52	34-07-59.0 N	116-03-59.0 W	680.3	29.3	

Address: 73195 CACTUS DRIVE

City: TWENTYNINE PALMS County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	134.700	155.500	139.300	-190.300	-632.400	-495.000	-49.300	23.700
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
53	34-52-50.7 N	115-04-05.9 W	1097.6	30.5	

Address: GOFF'S BUTTE CELL SITE: 3.7 MILES NORTH OF I-40; .5 MILES WEST OF MOUNTAIN SPRI

City: GOFFS BUTTE County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	250.200	340.200	397.500	375.600	176.300	416.300	380.300	233.200
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
55	35-45-58.8 N	116-19-43.0 W	453.0	20.7	

Address: (IBEX site) STATE HIGHWAY 127, 35 MILES NW OF

City: BAKER County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-83.200	-87.600	-16.900	191.800	269.700	270.300	212.000	-397.200
Transmitting ERP (watts)	224.790	93.710	5.780	0.890	0.460	0.460	8.550	110.100

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-83.200	-87.600	-16.900	191.800	269.700	270.300	212.000	-397.200
Transmitting ERP (watts)	0.460	4.190	57.780	224.790	159.140	17.450	1.130	0.460

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
56	34-18-34.1 N	114-09-55.8 W	523.8	6.1	

Address: BLACK METAL MT. COMMUN. SITE; 2 MI NW OF

City: PARKER DAM County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	220.200	94.400	251.600	185.000	304.800	249.100	0.000	345.600
Transmitting ERP (watts)	1.100	0.800	0.800	1.260	16.290	235.500	296.480	25.230

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
57	35-14-23.8 N	116-44-47.4 W	1098.8	26.2	1215047

Address: (FT IRWIN) Gate of Fort Irwin Military Base

City: Fort Irwin County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.000	283.200	378.100	281.200	362.300	130.800	-56.000	83.500
Transmitting ERP (watts)	0.570	7.300	91.300	284.110	68.780	5.160	0.650	0.570

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.000	283.200	378.100	281.200	362.300	130.800	-56.000	83.500
Transmitting ERP (watts)	91.300	284.110	68.780	5.160	0.650	0.570	0.570	7.300

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	128.000	283.200	378.100	281.200	362.300	130.800	-56.000	83.500
Transmitting ERP (watts)	42.310	2.270	0.570	0.570	1.200	13.660	141.740	251.470

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
59	33-37-03.0 N	114-46-23.0 W	247.6	37.2	1048302

Address: LOWER MCCOY PEAK

City: BLYTHE County: RIVERSIDE State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	112.500	147.100	183.600	192.400	161.700	129.300	144.200	-158.200
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
62	34-07-14.0 N	115-46-07.9 W	399.6	54.3	

Address: 14 MILES E OF TWENTYNINE PALMS; STATE HWY 62 (29 PALMS HWY); ASSESSORS PARCEL NUM

City: TWENTYNINE PALMS County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-105.500	-127.200	42.200	-239.300	-136.200	-226.200	-16.000	36.500
Transmitting ERP (watts)	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
63	33-45-00.0 N	114-31-28.8 W	204.3	9.8	

Address: BIG MARIA COMMUNIUCATIONS SITE, 11 MILES N OF BLYTHE, OFF HIGHWAY 95

City: RIVERSIDE County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	121.100	107.700	76.400	71.900	129.400	108.800	-49.800	-150.000
Transmitting ERP (watts)	96.160	2.640	0.290	0.200	0.200	0.200	0.440	6.710

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
64	33-37-47.0 N	116-14-22.0 W	-17.3	33.5	

Address: 81600 Avenue 58

City: La Quinta County: RIVERSIDE State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	3.200	-7.600	35.200	44.400	-315.900	-942.000	-454.200	-44.500
Transmitting ERP (watts)	1.380	0.400	0.400	1.320	12.050	117.770	151.720	17.830

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
64	33-37-47.0 N	116-14-22.0 W	-17.3	33.5	

Address: 81600 Avenue 58
City: La Quinta County: RIVERSIDE State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	3.200	-7.600	35.200	44.400	-315.900	-942.000	-454.200	-44.500
Transmitting ERP (watts)	244.310	137.390	11.690	0.790	0.690	2.280	51.040	233.310

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	3.200	-7.600	35.200	44.400	-315.900	-942.000	-454.200	-44.500
Transmitting ERP (watts)	3.560	49.090	200.000	53.830	4.200	0.560	0.400	0.780

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
79	34-31-07.0 N	115-08-45.0 W	1327.4	15.9	

Address: OLD WOMAN CELL SITE 1.69 MILES SOUTH OF SNFLWR SPRING SPUR, 18.1 MILES E
City: OLD WOMAN County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	323.300	522.400	690.400	645.800	574.600	395.800	574.700	224.800
Transmitting ERP (watts)	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
118	34-09-02.0 N	115-08-25.0 W	570.0	53.0	

Address: IRON MOUNTAINS CELL SITE 1.19 MILES WEST OF IRON MTN PUMPING ROAD 4.9 MILES N
City: IRON MOUNTAINS County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	400.400	405.100	411.700	358.100	222.400	150.900	176.500	287.700
Transmitting ERP (watts)	0.680	23.120	210.860	319.150	80.170	2.910	0.680	0.680

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	400.400	405.100	411.700	358.100	222.400	150.900	176.500	287.700
Transmitting ERP (watts)	1.360	0.860	2.190	23.010	188.360	430.530	202.770	25.180

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
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118	34-09-02.0 N	115-08-25.0 W	570.0	53.0	
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Address: IRON MOUNTAINS CELL SITE 1.19 MILES WEST OF IRON MTN PUMPING ROAD 4.9 MILES N

City: IRON MOUNTAINS County: SAN BERNARDINO State: CA Construction Deadline:

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	400.400	405.100	411.700	358.100	222.400	150.900	176.500	287.700
Transmitting ERP (watts)	859.010	22.590	1.710	1.710	1.710	1.710	1.710	34.990

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
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128	35-34-43.7 N	117-42-30.5 W	808.0	40.2	
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Address: 2600 S. China Lake Blvd.
City: Ridgecrest County: KERN State: CA Construction Deadline: 03-14-2007

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	141.100	108.400	-42.300	-137.800	-238.800	-157.600	11.800	95.700
Transmitting ERP (watts)	369.910	307.680	25.010	1.000	1.040	1.000	1.000	36.150

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	141.100	108.400	-42.300	-137.800	-238.800	-157.600	11.800	95.700
Transmitting ERP (watts)	1.000	1.990	95.080	487.640	165.230	11.700	1.000	1.000

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	141.100	108.400	-42.300	-137.800	-238.800	-157.600	11.800	95.700
Transmitting ERP (watts)	5.350	1.000	1.000	1.000	10.190	222.900	455.090	68.880

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
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132	33-59-12.1 N	118-09-45.3 W	40.8	33.8	
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Address: 5701 S Eastern Ave
City: City of Commerce County: LOS ANGELES State: CA Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-73.900	-22.300	-55.700	33.300	43.100	37.200	18.400	-24.000
Transmitting ERP (watts)	0.160	1.370	1.890	1.740	1.130	0.120	0.100	0.100

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-73.900	-22.300	-55.700	33.300	43.100	37.200	18.400	-24.000
Transmitting ERP (watts)	0.100	0.100	0.100	0.390	1.830	1.830	1.740	0.610

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
132	33-59-12.1 N	118-09-45.3 W	40.8	33.8	
Address: 5701 S Eastern Ave					
City: City of Commerce County: LOS ANGELES State: CA Construction Deadline:					

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-73.900	-22.300	-55.700	33.300	43.100	37.200	18.400	-24.000
Transmitting ERP (watts)	1.800	1.560	0.270	0.100	0.100	0.100	0.850	1.860

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
133	33-52-52.0 N	117-36-18.0 W	198.1	28.0	1011242
Address: (CORONA II) 519 MAPLE STREET					
City: CORONA County: RIVERSIDE State: CA Construction Deadline:					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.700	21.300	-29.100	-82.300	-476.400	-256.800	63.500	31.300
Transmitting ERP (watts)	4.140	32.530	106.140	96.220	25.270	3.190	0.330	0.330

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.700	21.300	-29.100	-82.300	-476.400	-256.800	63.500	31.300
Transmitting ERP (watts)	1.720	0.330	1.210	9.430	59.740	146.100	77.290	13.540

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.700	21.300	-29.100	-82.300	-476.400	-256.800	63.500	31.300
Transmitting ERP (watts)	71.570	52.490	13.320	1.450	0.330	0.900	9.410	45.890

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
139	35-08-21.4 N	117-14-16.4 W	1190.9	15.2	
Address: 195 Black Canyon Rd					
City: Hinkley County: SAN BERNARDINO State: CA Construction Deadline:					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	213.500	241.000	268.000	395.900	568.000	560.000	414.200	223.800
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
140	33-36-07.4 N	117-20-38.8 W	1071.4	36.8	

Address: 35603 Main Divide Truck Trail

City: Lake Elsinore County: RIVERSIDE State: CA Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	658.800	659.400	646.700	513.800	459.600	548.000	485.600	209.200
Transmitting ERP (watts)	0.110	1.290	5.600	5.530	1.090	0.100	0.100	0.100

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	658.800	659.400	646.700	513.800	459.600	548.000	485.600	209.200
Transmitting ERP (watts)	5.020	15.200	5.450	0.330	0.100	0.100	0.100	0.390

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
141	34-04-44.5 N	115-20-04.8 W	364.9	47.2	

Address: 8 miles West of Hwy 177 (1A)

City: 29 Palms County: SAN BERNARDINO State: CA Construction Deadline: 08-18-2009

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	181.600	40.100	41.700	90.400	-260.600	-334.300	-219.800	-75.100
Transmitting ERP (watts)	33.220	2.640	1.070	1.070	3.480	39.010	390.070	372.510

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	181.600	40.100	41.700	90.400	-260.600	-334.300	-219.800	-75.100
Transmitting ERP (watts)	2.760	30.980	309.840	295.900	26.370	2.090	0.850	0.850

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
142	34-09-34.2 N	117-54-29.9 W	230.3	15.8	

Address: 1964 N. San Gabriel Canyon Rd.

City: Azusa County: LOS ANGELES State: CA Construction Deadline: 06-26-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-642.800	-395.900	-358.700	-6.300	88.100	124.300	-36.300	-802.600
Transmitting ERP (watts)	5.020	63.170	186.420	61.730	4.900	0.400	0.400	0.490

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-642.800	-395.900	-358.700	-6.300	88.100	124.300	-36.300	-802.600
Transmitting ERP (watts)	0.400	0.400	0.400	3.550	50.170	182.170	77.710	6.930

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
143	34-09-11.6 N	117-39-06.1 W	601.2	7.1	

Address: 2426 N. Euclid Avenue

City: Upland County: SAN BERNARDINO State: CA Construction Deadline: 06-26-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-1293.800	-1039.300	68.300	249.300	281.800	247.900	-30.300	-481.100
Transmitting ERP (watts)	1.680	58.300	226.820	56.980	4.130	0.450	0.450	0.450

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-1293.800	-1039.300	68.300	249.300	281.800	247.900	-30.300	-481.100
Transmitting ERP (watts)	4.130	0.450	0.450	0.450	1.680	58.300	226.820	56.980

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-1293.800	-1039.300	68.300	249.300	281.800	247.900	-30.300	-481.100
Transmitting ERP (watts)	226.820	56.980	4.130	0.450	0.450	0.450	1.680	58.300

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
144	34-11-04.0 N	118-07-55.3 W	372.8	11.3	

Address: 2235 N. Lake Avenue

City: Altadena County: LOS ANGELES State: CA Construction Deadline: 06-26-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-784.300	-874.500	-285.000	221.400	209.600	172.300	10.300	-585.100
Transmitting ERP (watts)	62.010	6.060	0.460	0.460	1.270	11.550	83.640	225.130

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-784.300	-874.600	-285.000	221.400	209.600	172.300	10.300	-585.100
Transmitting ERP (watts)	83.820	225.590	62.130	6.070	0.460	0.460	1.270	11.570

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
146	34-30-05.5 N	117-45-29.8 W	1026.0	23.2	

Address: 20719 East Avenue V13

City: Palmdale County: LOS ANGELES State: CA Construction Deadline: 06-26-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	179.900	121.600	14.800	-265.300	-642.400	-252.800	76.300	173.200
Transmitting ERP (watts)	2.220	21.170	127.550	156.920	22.170	2.600	0.380	0.380

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
146	34-30-05.5 N	117-45-29.8 W	1026.0	23.2	

Address: 20719 East Avenue V13

City: Palmdale County: LOS ANGELES State: CA Construction Deadline: 06-26-2010

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	179.900	121.600	14.800	-265.300	-642.400	-252.800	76.300	173.200
Transmitting ERP (watts)	4.950	0.380	0.380	1.030	9.430	68.310	183.860	50.640

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	179.900	121.600	14.800	-265.300	-642.400	-252.800	76.300	173.200
Transmitting ERP (watts)	160.130	118.710	13.020	0.780	0.380	0.480	3.670	29.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
147	34-21-51.5 N	117-38-00.8 W	1899.0	20.4	

Address: 1255 Rivera Dr.

City: Wrightwood County: SAN BERNARDINO State: CA Construction Deadline: 06-26-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	677.600	636.900	518.400	342.200	-365.500	181.400	-269.800	357.800
Transmitting ERP (watts)	0.450	2.850	74.900	216.010	43.100	3.120	0.450	0.450

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	677.600	636.900	518.400	342.200	-365.500	181.400	-269.800	357.800
Transmitting ERP (watts)	0.470	0.450	0.450	16.430	168.150	139.860	11.370	0.450

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	677.600	636.900	518.400	342.200	-0.300	181.400	-269.800	357.800
Transmitting ERP (watts)	6.680	0.450	0.450	0.450	0.490	31.950	211.100	92.150

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
149	33-46-58.5 N	116-45-19.1 W	1763.6	23.8	

Address: Hwy. 243, 1/4 Mile South of Round Robin Dr.

City: Idyllwild County: RIVERSIDE State: CA Construction Deadline: 07-20-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	464.900	163.700	-147.500	125.100	444.300	932.400	938.800	399.500
Transmitting ERP (watts)	0.520	4.640	71.940	146.890	26.730	2.120	0.520	0.520

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
149	33-46-58.5 N	116-45-19.1 W	1763.6	23.8	

Address: Hwy. 243, 1/4 Mile South of Round Robin Dr.

City: Idyllwild County: RIVERSIDE State: CA Construction Deadline: 07-20-2010

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	464.900	163.700	-347.500	125.100	444.300	932.400	938.800	399.500
Transmitting ERP (watts)	157.390	47.530	1.770	0.520	0.520	0.520	2.170	42.360

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
150	33-33-55.5 N	116-32-39.3 W	1426.9	27.4	

Address: Hwy 74 Near Santa Rosa Rd.

City: Mountain Center County: RIVERSIDE State: CA Construction Deadline: 07-20-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.800	290.100	42.600	-143.300	403.200	148.000	144.700	3.100
Transmitting ERP (watts)	4.640	71.940	146.890	26.730	2.120	0.520	0.520	0.520

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.800	290.100	42.600	-143.300	403.200	148.000	144.700	3.100
Transmitting ERP (watts)	2.120	0.520	0.520	0.520	4.640	71.940	146.890	26.730

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.800	290.100	42.600	-143.300	403.200	148.000	144.700	3.100
Transmitting ERP (watts)	0.520	0.520	2.170	42.360	157.390	47.530	1.770	0.520

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
151	33-57-39.4 N	114-31-21.2 W	118.3	45.7	

Address: I-95 (40480 Soboba Rd.)

City: Desert Center County: RIVERSIDE State: CA Construction Deadline: 07-20-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-166.600	53.300	46.000	55.300	62.700	-125.300	-82.200	-200.300
Transmitting ERP (watts)	210.380	200.910	17.910	1.420	0.580	0.580	1.870	21.040

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-166.600	53.300	46.000	55.300	62.700	-125.300	-82.200	-200.300
Transmitting ERP (watts)	0.580	0.580	2.590	56.620	283.790	110.410	5.280	0.960

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
152	34-17-03.3 N	114-39-17.7 W	418.8	59.7	

Address: 1303 S. Hwy 95
City: Needles County: SAN BERNARDINO State: CA Construction Deadline: 07-20-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.600	59.900	-10.100	151.600	129.900	-15.400	-225.900	-36.000
Transmitting ERP (watts)	1.160	98.400	493.170	6.500	1.160	1.160	1.160	1.160

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.600	59.900	-10.100	151.600	129.900	-15.400	-225.900	-36.000
Transmitting ERP (watts)	0.580	1.330	14.890	183.230	225.420	23.600	2.250	0.580

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.600	59.900	-10.100	151.600	129.900	-15.400	-225.900	-36.000
Transmitting ERP (watts)	290.400	87.700	3.260	0.840	0.580	0.670	4.010	78.160

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
153	34-04-35.0 N	118-28-08.2 W	158.5	17.1	

Address: 641 N. Sepulveda Blvd.
City: Los Angeles County: LOS ANGELES State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-91.000	-70.900	92.700	112.100	149.800	144.100	-226.500	-212.000
Transmitting ERP (watts)	0.420	0.420	9.210	139.470	156.490	13.630	0.920	0.460

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-91.000	-70.900	92.700	112.100	149.800	144.100	-226.500	-212.000
Transmitting ERP (watts)	124.300	10.830	0.730	0.370	0.330	0.330	7.320	110.790

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
154	33-50-03.3 N	117-47-53.9 W	252.4	43.9	

Address: Cannon Road
City: Orange County: ORANGE State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	27.400	57.200	-196.400	-3.700	208.100	222.700	217.200	175.500
Transmitting ERP (watts)	1.080	149.280	52.970	1.010	0.640	0.640	0.640	0.640

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
154	33-50-03.3 N	117-47-53.9 W	252.4	43.9	

Address: Cannon Road
City: Orange County: ORANGE State: CA Construction Deadline: 09-17-2010

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	27.400	57.200	-196.400	-3.700	208.100	222.700	217.200	175.500
Transmitting ERP (watts)	0.920	0.640	0.640	0.640	0.640	2.480	175.390	33.420

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
155	33-41-59.0 N	117-59-18.2 W	13.7	21.3	

Address: 18080 Beach Blvd.
City: Huntington Beach County: ORANGE State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	15.800	6.600	23.400	13.600	30.500	31.800	33.500	29.700
Transmitting ERP (watts)	0.520	1.080	14.650	28.630	7.610	0.630	0.480	0.480

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	15.800	6.600	23.400	13.600	30.500	31.800	33.500	29.700
Transmitting ERP (watts)	1.310	0.380	0.810	8.600	66.590	136.440	87.060	15.260

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	15.800	6.600	23.400	13.600	30.500	31.800	33.500	29.700
Transmitting ERP (watts)	27.250	5.830	0.570	0.480	0.480	0.530	1.460	17.650

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
156	34-13-38.8 N	118-14-50.9 W	468.2	16.8	

Address: 4441 Cloud Avenue
City: La Crescenta County: LOS ANGELES State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-582.300	-521.000	-493.500	152.300	238.000	198.400	66.800	-125.600
Transmitting ERP (watts)	0.940	1.830	38.280	264.850	126.770	10.540	0.580	0.670

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-582.300	-521.000	-493.500	152.300	238.000	198.400	66.800	-125.600
Transmitting ERP (watts)	6.970	0.580	0.750	1.360	2.590	55.340	283.790	103.040

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
156	34-13-38.8 N	118-14-50.9 W	468.2	16.8	
Address: 4441 Cloud Avenue					
City: La Crescenta County: LOS ANGELES State: CA Construction Deadline: 09-17-2010					

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-582.300	-521.000	-493.500	152.300	238.000	198.400	66.800	-125.600
Transmitting ERP (watts)	241.550	155.960	13.270	0.580	0.580	0.580	1.560	29.040

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
157	33-39-51.0 N	117-39-34.1 W	262.4	6.1	
Address: 20996 Marin					
City: Lake Forest County: ORANGE State: CA Construction Deadline: 09-17-2010					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-167.300	-504.700	-300.000	18.300	117.900	131.200	198.200	109.900
Transmitting ERP (watts)	0.570	36.880	243.680	106.370	7.710	0.520	0.520	0.520

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-167.300	-504.700	-300.000	18.300	117.900	131.200	198.200	109.900
Transmitting ERP (watts)	244.450	32.980	1.230	0.520	0.520	0.600	5.350	99.580

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
158	34-07-40.7 N	117-53-09.7 W	193.6	15.2	
Address: 990 East Alostia Avenue					
City: Azusa County: LOS ANGELES State: CA Construction Deadline: 09-17-2010					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-462.500	-506.900	-155.600	-55.700	20.200	91.700	63.600	-664.800
Transmitting ERP (watts)	3.000	43.300	184.710	103.870	9.050	0.900	0.390	0.390

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-462.500	-506.900	-155.600	-55.700	20.200	91.700	63.600	-664.800
Transmitting ERP (watts)	1.110	0.390	0.390	2.170	32.850	172.380	122.030	12.490

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-462.500	-506.900	-155.600	-55.700	20.200	91.700	63.600	-664.800
Transmitting ERP (watts)	189.010	45.340	2.800	0.400	0.390	0.450	9.260	99.190

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
159	34-12-02.0 N	118-31-13.3 W	225.9	18.3	

Address: 17750 Sherman Way

City: Encino County: LOS ANGELES State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-169.500	-63.100	15.500	-20.700	-85.200	-121.900	-50.400	-132.700
Transmitting ERP (watts)	3.140	47.320	210.380	200.910	40.930	3.870	0.510	0.510

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-169.500	-63.100	15.500	-20.700	-85.200	-121.900	-50.400	-132.700
Transmitting ERP (watts)	0.510	0.510	1.870	28.970	171.400	233.880	66.070	6.530

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-169.500	-63.100	15.500	-20.700	-85.200	-121.900	-50.400	-132.700
Transmitting ERP (watts)	218.870	78.360	8.600	0.510	0.510	1.470	22.490	139.050

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
160	34-08-13.0 N	117-58-35.2 W	148.1	19.8	

Address: 1400 Buena Vista Street

City: Duarte County: LOS ANGELES State: CA Construction Deadline: 09-17-2010

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-812.800	-494.300	-81.700	-17.500	55.100	69.600	-26.300	-721.200
Transmitting ERP (watts)	0.540	13.530	62.250	55.070	7.910	0.540	0.540	0.540

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-812.800	-494.300	-81.700	-17.500	55.100	69.600	-26.300	-721.200
Transmitting ERP (watts)	0.540	0.540	0.540	0.540	9.960	59.120	59.260	10.510

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-812.800	-494.300	-81.700	-17.500	55.100	69.600	-26.300	-721.200
Transmitting ERP (watts)	252.800	110.350	7.990	0.540	0.540	0.540	0.590	38.260

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
161	34-02-03.9 N	117-56-15.1 W	105.2	16.2	
Address: 15920 Amar Road					
City: City of Industry County: LOS ANGELES State: CA Construction Deadline: 09-17-2010					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-118.000	-84.500	-127.500	-101.200	-37.000	-4.100	28.700	10.100
Transmitting ERP (watts)	0.600	21.900	224.300	186.600	15.200	0.600	0.630	0.600

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-118.000	-84.500	-127.500	-101.200	-37.000	-4.100	28.700	10.100
Transmitting ERP (watts)	0.600	0.600	0.600	1.060	29.090	120.700	45.630	2.540

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-118.000	-84.500	-127.500	-101.200	-37.000	-4.100	28.700	10.100
Transmitting ERP (watts)	276.000	41.770	3.240	0.600	0.600	0.600	6.180	135.180

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
162	33-38-15.2 N	117-14-15.2 W	544.0	23.2	
Address: (The Farm) 24240 Bundy Canyon Rd					
City: Wildomar County: RIVERSIDE State: CA Construction Deadline: 04-27-2011					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.600	90.900	89.600	132.600	122.400	-27.900	31.700	55.400
Transmitting ERP (watts)	0.520	3.360	54.570	153.810	36.060	1.730	0.520	0.520

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.600	90.900	89.600	132.600	122.400	-27.900	31.700	55.400
Transmitting ERP (watts)	0.520	0.520	0.520	1.400	30.690	153.810	59.840	2.860

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.600	90.900	89.600	132.600	122.400	-27.900	31.700	55.400
Transmitting ERP (watts)	27.350	42.360	5.580	0.520	0.520	0.520	0.520	1.500

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
163	33-40-49.5 N	117-40-41.6 W	212.1	20.4	

Address: (Cooks Bay site)25931 Towne Center Drive

City: Foothill Ranch County: ORANGE State: CA Construction Deadline: 04-27-2011

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-195.100	-438.500	-298.400	-24.000	93.200	94.600	178.100	83.600
Transmitting ERP (watts)	20.600	284.500	334.200	23.100	0.900	0.900	0.900	0.900

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-195.100	-438.500	-298.400	-24.000	93.200	94.600	178.100	83.600
Transmitting ERP (watts)	236.590	9.420	0.900	0.900	0.900	1.710	40.180	374.970

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
164	34-02-39.7 N	117-26-08.6 W	335.9	19.2	

Address: (Via Larga site) 11660 Sierra Avenue

City: Fontana County: SAN BERNARDINO State: CA Construction Deadline: 04-27-2011

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-111.600	-11.700	41.800	44.600	86.800	136.400	79.100	-29.100
Transmitting ERP (watts)	95.060	487.000	165.200	11.700	1.000	1.000	1.000	1.990

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-111.600	-11.700	41.800	44.600	86.800	136.400	79.100	-29.100
Transmitting ERP (watts)	1.590	1.590	13.200	269.520	437.110	16.620	1.590	1.590

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-11.600	-11.700	41.800	44.700	86.800	136.400	79.100	-29.100
Transmitting ERP (watts)	148.300	10.500	0.890	0.890	0.890	1.780	85.340	437.650

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
165	33-27-58.7 N	117-08-29.8 W	481.9	40.5	

Address: 30025 Front Street

City: Temecula County: RIVERSIDE State: CA Construction Deadline: 11-04-2011

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	143.500	88.600	54.300	80.600	241.200	256.600	179.100	53.800
Transmitting ERP (watts)	3.190	0.870	11.070	2.110	3.340	0.640	0.640	0.640

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
165	33-27-58.7 N	117-08-29.8 W	481.9	40.5	

Address: 30025 Front Street
City: Temecula County: RIVERSIDE State: CA Construction Deadline: 11-04-2011

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	143.500	88.600	54.300	80.600	241.200	256.600	179.100	53.800
Transmitting ERP (watts)	9.140	2.223	0.640	0.640	0.640	0.780	0.640	9.470

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	143.500	88.600	54.300	80.600	241.200	256.600	179.100	53.800
Transmitting ERP (watts)	6.160	11.000	0.640	1.560	0.640	0.640	0.640	3.020

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
166	33-35-07.6 N	117-36-49.5 W	220.7	13.7	

Address: (Tesora site) 29658 Oso Parkway
City: Las Flores County: ORANGE State: CA Construction Deadline: 02-10-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-156.400	-303.900	-228.800	23.300	91.700	123.000	84.000	77.900
Transmitting ERP (watts)	0.400	1.090	12.520	134.100	164.980	21.750	1.770	0.400

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-156.400	-303.900	-228.800	23.300	91.700	123.000	84.000	77.900
Transmitting ERP (watts)	11.950	1.040	0.400	0.400	1.940	23.850	172.760	125.150

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-156.400	-303.900	-228.800	23.300	91.700	123.000	84.000	77.900
Transmitting ERP (watts)	57.210	202.970	65.680	5.100	0.420	0.400	0.400	4.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
167	34-29-04.0 N	115-28-55.0 W	243.9	68.3	1025110

Address: Cadiz site SECTION 35, TOWNSHIP 5N, RANGE 14E
City: CADIZ County: SAN BERNARDINO State: CA Construction Deadline: 03-01-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-79.100	-24.400	-154.700	89.600	119.000	39.000	110.000	69.900
Transmitting ERP (watts)	430.530	430.530	430.530	430.530	430.530	430.530	430.530	430.530

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
168	34-48-42.0 N	115-36-31.0 W	1261.7	30.5	

Address: Granite Pass Granite Mountain

City: Baker County: SAN BERNARDINO State: CA Construction Deadline: 03-01-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	244.400	-10.600	367.600	392.900	279.700	178.300	-159.900	354.500
Transmitting ERP (watts)	113.370	113.370	113.370	113.370	113.370	113.370	113.370	113.370

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
169	34-43-10.0 N	115-39-18.0 W	1112.5	60.6	

Address: Fenner Valley Site 91919 Brown Buttes Rd

City: Twenty-nine Palms County: SAN BERNARDINO State: CA Construction Deadline: 03-01-2012

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-78.700	78.200	339.900	382.800	617.500	494.400	269.200	-136.100
Transmitting ERP (watts)	15.630	210.860	271.640	29.110	1.670	0.670	0.670	1.430

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-78.700	78.200	339.900	382.800	617.500	494.400	269.200	-136.100
Transmitting ERP (watts)	0.670	0.670	2.060	49.430	297.850	163.680	8.390	0.960

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-78.700	78.200	339.900	382.800	617.500	494.400	269.200	-136.100
Transmitting ERP (watts)	13.000	1.130	0.670	0.670	1.920	36.640	277.970	192.310

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
170	34-43-52.0 N	115-52-02.0 W	885.1	59.7	

Address: Old Dads Mountain 26420 E. Siberia Rd

City: Amboy County: SAN BERNARDINO State: CA Construction Deadline: 03-01-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	275.900	-155.400	-13.100	134.400	422.400	366.500	207.900	168.100
Transmitting ERP (watts)	3.120	82.040	304.790	277.970	58.080	1.710	0.680	0.680

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	275.900	-155.400	-13.100	134.400	422.400	366.500	207.900	168.100
Transmitting ERP (watts)	7.660	0.680	0.680	0.680	36.640	236.590	326.590	118.580

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
171	33-46-29.1 N	117-29-13.2 W	309.8	51.8	

Address: Temescal Cyn 23900 Temescal Canyon Rd

City: Corona County: RIVERSIDE State: CA Construction Deadline: 03-01-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	23.800	-82.900	-318.400	-75.100	-539.400	-551.000	-414.600	38.300
Transmitting ERP (watts)	3.120	31.950	127.200	118.710	24.800	2.260	0.300	0.300

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	23.800	-82.900	-318.400	-75.100	-539.400	-551.000	-414.600	38.300
Transmitting ERP (watts)	38.430	24.970	2.630	0.300	0.300	2.000	21.020	38.420

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	23.800	-82.500	-318.400	-75.100	-539.400	-551.000	-414.600	38.300
Transmitting ERP (watts)	0.580	0.330	0.330	1.190	56.820	160.130	80.260	0.770

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
172	33-54-07.0 N	116-21-58.8 W	331.6	16.7	

Address: Sky Valley 74555 Dillon Rd

City: Desrt Hot Springs County: RIVERSIDE State: CA Construction Deadline: 03-01-2012

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-750.400	-790.300	-333.100	85.200	214.200	148.900	78.900	-268.900
Transmitting ERP (watts)	2.030	13.730	62.080	5.040	12.650	2.520	0.740	0.740

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-750.400	-790.300	-333.100	85.200	214.200	148.900	78.900	-268.900
Transmitting ERP (watts)	0.820	0.820	2.230	15.100	68.250	62.720	13.910	2.770

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-750.400	-790.300	-333.100	852.000	214.200	148.900	78.900	-268.900
Transmitting ERP (watts)	25.260	2.010	0.820	0.820	2.650	29.680	296.830	283.470

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
173	33-31-00.3 N	117-03-38.5 W	443.2	32.2	
Address: (Cerro Site) 34410 Calac Rd					
City: Temecula County: RIVERSIDE State: CA Construction Deadline: 03-01-2012					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-52.900	-134.900	-161.100	-184.100	38.300	67.700	72.500	26.300
Transmitting ERP (watts)	0.720	13.630	103.390	88.000	9.210	0.400	0.400	0.400

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-52.900	-134.900	-161.100	-184.100	38.300	67.700	72.500	26.300
Transmitting ERP (watts)	0.770	0.770	0.770	3.580	60.810	242.100	94.190	6.820

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-52.900	-134.900	-161.100	-184.100	38.300	67.700	72.500	26.300
Transmitting ERP (watts)	121.470	23.150	1.080	0.400	0.400	0.400	5.300	65.240

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
174	34-23-33.8 N	117-34-33.4 W	1553.6	24.4	
Address: Mountain Top 7770 Hwy 138					
City: Phelan County: SAN BERNARDINO State: CA Construction Deadline: 07-06-2012					

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	439.000	423.200	304.800	473.100	-232.300	-481.000	-274.200	356.700
Transmitting ERP (watts)	0.580	2.970	30.410	241.550	167.110	12.680	1.160	0.580

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	439.000	423.200	304.800	473.100	-232.300	-481.000	-274.200	356.700
Transmitting ERP (watts)	0.960	0.580	0.580	2.590	56.620	283.790	110.410	5.280

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	439.000	423.200	304.800	473.100	-232.300	-481.000	-274.200	356.700
Transmitting ERP (watts)	110.410	5.280	0.960	0.580	0.580	2.590	56.620	283.790

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
175	33-55-28.8 N	116-25-30.1 W	339.2	22.9	

Address: (Long Canyon) 70-875 Dillon Road
City: Desert Hot Springs County: RIVERSIDE State: CA Construction Deadline: 07-27-2013

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-671.100	-711.400	-420.900	55.300	145.300	181.400	87.100	-211.300
Transmitting ERP (watts)	0.650	42.070	277.970	121.340	8.790	0.590	0.590	0.590

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-671.100	-711.400	-420.900	55.300	145.300	181.400	87.100	-211.300
Transmitting ERP (watts)	3.190	0.590	0.590	0.590	6.080	133.050	271.640	41.110

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-671.100	-711.400	-420.900	55.300	145.300	181.400	87.100	-211.300
Transmitting ERP (watts)	297.850	74.820	5.420	0.590	0.590	0.590	2.210	76.560

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
176	34-10-26.0 N	116-43-18.4 W	2529.8	27.7	1271970

Address: (Barton Flats site) 49150 Hwy 38
City: Angelus Oaks County: SAN BERNARDINO State: CA Construction Deadline: 04-11-2014

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	396.800	653.100	769.400	784.300	679.600	-137.600	470.000	245.200
Transmitting ERP (watts)	90.600	255.260	59.800	2.860	0.640	0.520	0.520	5.580

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	396.800	653.100	769.400	784.300	679.600	-137.600	470.000	245.200
Transmitting ERP (watts)	3.520	0.550	0.520	0.520	7.710	119.390	243.770	44.360

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
177	34-37-35.2 N	114-38-17.6 W	614.2	59.7	

Address: (Havasu Pass site) On Hwy 95
City: Needles County: SAN BERNARDINO State: CA Construction Deadline: 04-11-2014

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	246.500	241.200	161.400	-85.300	160.600	203.000	128.100	49.800
Transmitting ERP (watts)	0.160	1.230	9.960	14.400	2.970	0.240	0.100	0.100

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
177	34-37-35.2 N	114-38-17.6 W	614.2	59.7	

Address: (Havas Pass site) On Hwy 95

City: Needles County: SAN BERNARDINO State: CA Construction Deadline: 04-11-2014

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	246.500	241.200	161.400	-85.300	160.600	203.000	128.100	49.800
Transmitting ERP (watts)	0.110	0.130	0.790	15.430	57.330	17.310	0.640	0.170

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	246.500	241.200	161.400	-85.300	160.600	203.000	128.100	49.800
Transmitting ERP (watts)	31.760	17.850	1.660	0.240	0.110	0.110	0.470	6.200

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
178	33-29-16.5 N	117-34-55.1 W	269.1	12.2	

Address: (Portada Village site) 1498 1/2 Avenida Talega

City: San Clemente County: ORANGE State: CA Construction Deadline: 04-11-2014

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	98.600	-121.500	-96.900	134.200	201.000	244.300	200.400	152.100
Transmitting ERP (watts)	3.420	58.080	192.310	68.320	4.110	0.380	0.380	0.380

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	98.600	-121.500	-96.900	134.200	201.000	244.300	200.400	152.100
Transmitting ERP (watts)	0.380	0.380	0.380	10.810	110.660	175.390	30.480	1.390

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	98.600	-121.500	-96.900	134.200	201.000	244.300	200.400	152.100
Transmitting ERP (watts)	17.140	0.400	0.380	0.380	0.380	21.090	149.280	142.560

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
179	35-21-45.8 N	117-38-27.1 W	1260.9	78.0	1200992

Address: (Johannesburg) 36753 Randsburg Loop

City: Johannesburg County: KERN State: CA Construction Deadline: 08-14-2014

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	348.100	240.400	331.500	397.200	350.400	146.700	538.800	431.600
Transmitting ERP (watts)	354.700	104.950	5.940	0.740	0.740	0.740	2.380	84.380

Licensee Name: LOS ANGELES SMSA LIMITED

Call Sign: KNKA209

File Number: 0011144440

Print Date: 08-27-2024

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
179	35-21-45.8 N	117-38-27.1 W	1260.9	78.0	1200992

Address: (Johannesburg) 36753 Randsburg Loop

City: Johannesburg County: KERN State: CA Construction Deadline: 08-14-2014

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	348.100	240.400	331.500	397.200	350.400	146.700	538.800	431.600
Transmitting ERP (watts)	0.740	0.880	28.460	301.410	202.420	16.350	1.290	0.740

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	348.100	240.400	331.500	397.200	350.400	146.700	538.800	431.600
Transmitting ERP (watts)	16.350	1.290	0.740	0.740	0.880	28.460	301.410	202.420

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
180	33-42-05.7 N	116-03-30.4 W	328.9	59.7	

Address: WED Parcel ATN 707-34

City: Indio County: RIVERSIDE State: CA Construction Deadline: 06-13-2025

Antenna: 1

Maximum Transmitting ERP in Watts:	402.100							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-532.200	-489.600	-313.100	20.600	321.200	389.000	354.700	186.100
Transmitting ERP (watts)	0.800	0.800	43.200	278.200	99.600	3.900	0.800	0.800

Antenna: 2

Maximum Transmitting ERP in Watts:	402.100							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-532.200	-489.600	-313.100	20.600	321.200	389.000	354.700	186.100
Transmitting ERP (watts)	1.000	0.800	0.800	0.800	3.000	108.000	270.000	41.100

Control Points:

Control Pt. No. 5

Address: 500 W. Dove Road

City: Southlake County: TARRANT State: TX Telephone Number: (800)264-6620

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: AIRTOUCH CELLULAR

ATTN: REGULATORY
AIRTOUCH CELLULAR
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Table with Call Sign (KNLF889), File Number (0007638414), and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0006146468

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS).

Licensee Name: AIRTOUCH CELLULAR

Call Sign: KNLF889

File Number: 0007638414

Print Date: 03-31-2017

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Reference Copy

Licensee Name: AIRTOUCH CELLULAR

Call Sign: KNLF889

File Number: 0007638414

Print Date: 03-31-2017

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: LOS ANGELES SMSA LIMITED PARTNERSHIP

ATTN: REGULATORY
LOS ANGELES SMSA LIMITED PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WPWH653	File Number 0007638763
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0002963817

Grant Date 03-31-2017	Effective Date 03-31-2017	Expiration Date 04-28-2027	Print Date 04-01-2017
Market Number BTA262	Channel Block E	Sub-Market Designator 2	
Market Name Los Angeles, CA			
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: LOS ANGELES SMSA LIMITED PARTNERSHIP

Call Sign: WPWH653

File Number: 0007638763

Print Date: 04-01-2017

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQGB222	File Number 0009784916
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 02-22-2022	Effective Date 02-22-2022	Expiration Date 11-29-2036	Print Date 02-23-2022
Market Number BEA160	Channel Block B	Sub-Market Designator 7	
Market Name Los Angeles-Riverside-Orange C			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

AWS operations must not cause harmful interference across the Canadian or Mexican Border. The authority granted herein is subject to future international agreements with Canada or Mexico, as applicable.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGB222

File Number: 0009784916

Print Date: 02-23-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQJQ694	File Number
Radio Service WU - 700 MHz Upper Band (Block C)	

FCC Registration Number (FRN): 0003290673

Grant Date 10-03-2019	Effective Date 10-03-2019	Expiration Date 06-13-2029	Print Date
Market Number REA006	Channel Block C	Sub-Market Designator 0	
Market Name West			
1st Build-out Date 06-13-2013	2nd Build-out Date 06-13-2019	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQJQ694

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQSH611	File Number 0009791454
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 02-16-2022	Effective Date 02-16-2022	Expiration Date 11-29-2036	Print Date 02-17-2022
Market Number CMA002	Channel Block A	Sub-Market Designator 2	
Market Name Los Angeles-Long Beach/Anaheim			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Special Condition for AU/name change (6/4/2016): Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQSH611

File Number: 0009791454

Print Date: 02-17-2022

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

AWS operations must not cause harmful interference across the Canadian or Mexican Border. The authority granted herein is subject to future international agreements with Canada or Mexico, as applicable.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQSH611

File Number: 0009791454

Print Date: 02-17-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQTX808	File Number 0009790953
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 02-18-2022	Effective Date 02-18-2022	Expiration Date 11-29-2036	Print Date 02-19-2022
Market Number BEA160	Channel Block C	Sub-Market Designator 6	
Market Name Los Angeles-Riverside-Orange C			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQTX808

File Number: 0009790953

Print Date: 02-19-2022

The license is subject to compliance with the provisions of the January 12, 2001 Agreement between Deutsche Telekom AG, VoiceStream Wireless Corporation, VoiceStream Wireless Holding Corporation and the Department of Justice (DOJ) and the Federal Bureau of Investigation (FBI), which addresses national security, law enforcement, and public safety issues of the FBI and the DOJ regarding the authority granted by this license. Nothing in the Agreement is intended to limit any obligation imposed by Federal law or regulation including, but not limited to, 47 U.S.C. Section 222(a) and (c)(1) and the FCC's implementing regulations. The Agreement is published at VoiceStream-DT Order, IB Docket No. 00-187, FCC 01-142, 16 FCC Rcd 9779, 9853 (2001).

AWS operations must not cause harmful interference across the Canadian or Mexican Border. The authority granted herein is subject to future international agreements with Canada or Mexico, as applicable.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQTX808

File Number: 0009790953

Print Date: 02-19-2022

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WQVP229	File Number
Radio Service AT - AWS-3 (1695-1710 MHz, 1755-1780 MHz, and 2155-2180 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 04-08-2015	Effective Date 11-01-2016	Expiration Date 04-08-2027	Print Date
Market Number BEA160	Channel Block J	Sub-Market Designator 0	
Market Name Los Angeles-Riverside-Orange C			
1st Build-out Date 04-08-2021	2nd Build-out Date 04-08-2027	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:
NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: VERIZON WIRELESS NETWORK PROCUREMENT LP

ATTN: REGULATORY
VERIZON WIRELESS NETWORK PROCUREMENT LP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRLD470	File Number 0009223228
Radio Service PL - 3.5 GHz Band Priority Access License	

FCC Registration Number (FRN): 0029515327

Grant Date 03-12-2021	Effective Date 03-12-2021	Expiration Date 03-12-2031	Print Date 03-17-2021
Market Number D06065	Channel Block		Sub-Market Designator 0
Market Name RIVERSIDE, CA			
1st Build-out Date 03-12-2031	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: VERIZON WIRELESS NETWORK

Call Sign: WRLD470

File Number: 0009223228

Print Date: 03-17-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: VERIZON WIRELESS NETWORK PROCUREMENT LP

ATTN: REGULATORY
VERIZON WIRELESS NETWORK PROCUREMENT LP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRLD471	File Number 0009223228
Radio Service PL - 3.5 GHz Band Priority Access License	

FCC Registration Number (FRN): 0029515327

Grant Date 03-12-2021	Effective Date 03-12-2021	Expiration Date 03-12-2031	Print Date 03-17-2021
Market Number D06065	Channel Block		Sub-Market Designator 0
Market Name RIVERSIDE, CA			
1st Build-out Date 03-12-2031	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: VERIZON WIRELESS NETWORK

Call Sign: WRLD471

File Number: 0009223228

Print Date: 03-17-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: VERIZON WIRELESS NETWORK PROCUREMENT LP

ATTN: REGULATORY
VERIZON WIRELESS NETWORK PROCUREMENT LP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRLD472	File Number 0009223228
Radio Service PL - 3.5 GHz Band Priority Access License	

FCC Registration Number (FRN): 0029515327

Grant Date 03-12-2021	Effective Date 03-12-2021	Expiration Date 03-12-2031	Print Date 03-17-2021
Market Number D06065	Channel Block		Sub-Market Designator 0
Market Name RIVERSIDE, CA			
1st Build-out Date 03-12-2031	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: VERIZON WIRELESS NETWORK

Call Sign: WRLD472

File Number: 0009223228

Print Date: 03-17-2021

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE589	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block A1	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE589

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE590	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block A2	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE590

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE591	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block A3	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE591

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE592	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block A4	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

Conditions:

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE592

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE593	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block A5	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

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Conditions:

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE593

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE594	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block B1	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

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Conditions:

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE594

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign WRNE595	File Number
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

Grant Date 07-23-2021	Effective Date 07-23-2021	Expiration Date 07-23-2036	Print Date
Market Number PEA002	Channel Block B2	Sub-Market Designator 0	
Market Name Los Angeles, CA			
1st Build-out Date 07-23-2029	2nd Build-out Date 07-23-2033	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WRNE595

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Exhibit 4.12

City of Burbank
Rooftop Wireless Telecommunications Facility
2710 WINONA AVE. BURBANK, CA 91504
APN: 2466-013-018
EXHIBIT 4.12

Project Name
Brighton

Project Location

APN: 2466-013-018

Zoning: M-2

Exhibit 4.12 – Statement of Significant Gap and Network Need

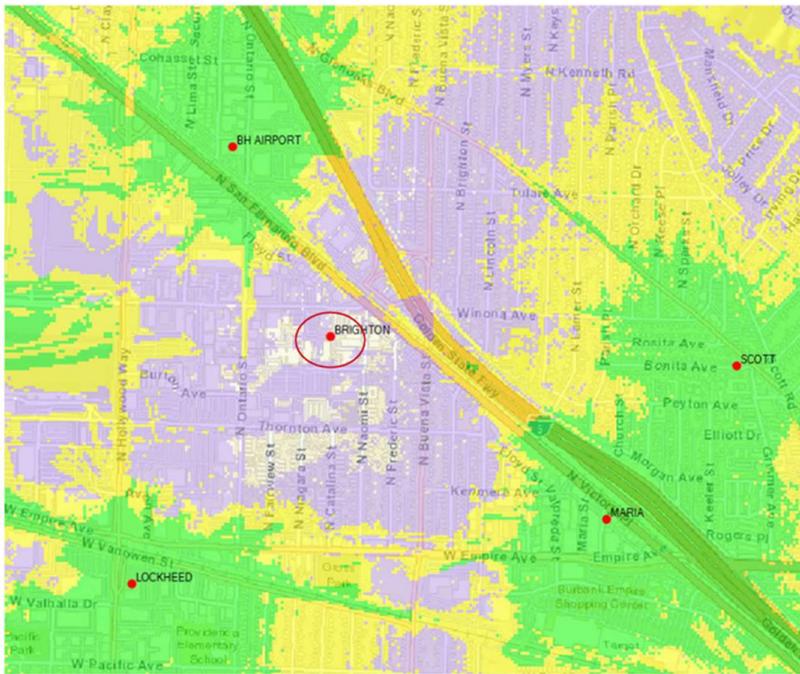
This project is part of Verizon Wireless’s ongoing network optimization within the Burbank Airport industrial and media corridor. The proposed BRIGHTON site is designed to **close a significant gap in macro network coverage and capacity** along the Winona Avenue corridor and adjacent commercial zones bounded by San Fernando Blvd, Vanowen Street, and the I-5 freeway.

Technical Basis:

- **Existing Coverage Limitation:** As shown in the *Propagation Map – Verizon Coverage Without BRIGHTON* (Atoll RF modeling, July 17, 2025), the area currently experiences reduced LTE and 5G NR service levels, with signal strength frequently below -110 dBm.
- **Traffic and Interference Constraints:** The nearest Verizon macro sites (BURBANK-NORTH and BURBANK-SOUTH sectors) experience handoff failures and capacity overload during peak daytime activity from adjacent studio and industrial tenants.
- **Proposed Improvement:** The *Propagation Map – Verizon Coverage With BRIGHTON* demonstrates restoration of in-building and on-street service to threshold levels exceeding -95 dBm, improving coverage reliability and throughput for approximately 0.7 square miles of previously underserved area.
- **Network Impact:** The project introduces sectorized antennas with optimized downtilt and azimuth to balance adjacent site handoffs and offload demand from existing macro nodes.
- **Public Benefit:** Improved network reliability enhances emergency communication resilience, supports first-responder interoperability, and fulfills the federal and state policy goals of promoting universal wireless access.

Accordingly, the **BRIGHTON facility directly addresses a documented and quantifiable “significant gap”** in Verizon Wireless’s service, and the chosen location represents the **least intrusive and most technically efficient means** to close that gap.

Verizon Coverage without BRIGHTON



Verizon Coverage with BRIGHTON

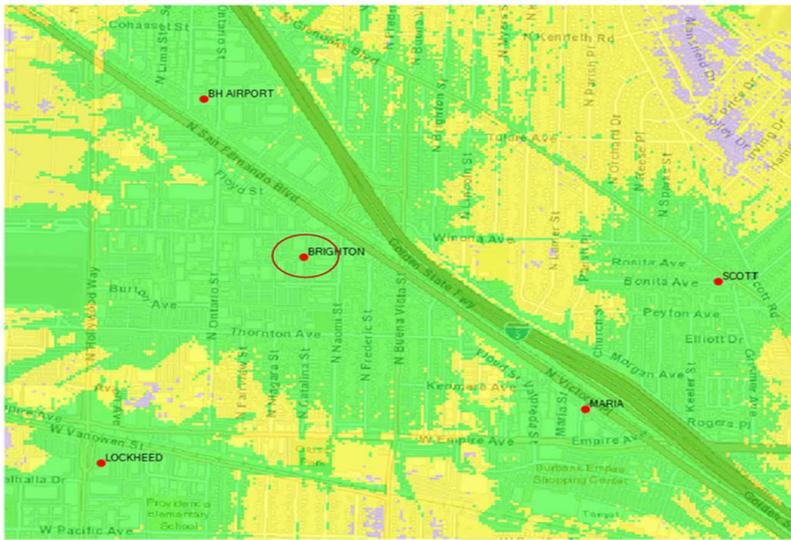


Exhibit 4.15

City of Burbank
Rooftop Wireless Telecommunications Facility
2710 WINONA AVE. BURBANK, CA 91504
APN: 2466-013-018
EXHIBIT 4.15

Project Name
Brighton

Project Location

APN: 2466-013-018

Zoning: M-2

a. Why this project is the least intrusive means to close the significant gap claimed and described in 4.12

The proposed Verizon Wireless “Brighton” facility at 2710 Winona Avenue, Burbank, CA represents the least intrusive means of closing the identified significant coverage and capacity gap in Verizon’s wireless network.

The propagation maps demonstrate that without this facility, there is a clear service deficiency—particularly in in-building and vehicular coverage—within a dense commercial and light industrial area along Winona Avenue and the I-5 corridor. When modeled “with Brighton,” the gap is eliminated while maintaining focused coverage limited to the intended service area.

This solution is minimally intrusive because:

It utilizes an existing building rooftop in an M-2 (Manufacturing General Industrial) zone, avoiding construction of a new freestanding tower or structure.

Antennas will be fully screened behind FRP faux brick panels, matching the building’s façade to eliminate visual impacts. Equipment is confined to a small rooftop platform (approximately 290 sq. ft.), entirely within the existing building footprint. No vegetation removal, grading, or new access roads are required. The site location minimizes views from public rights-of-way due to surrounding industrial structures of similar height.

Therefore, the facility achieves the necessary network performance improvement using the least visually and physically impactful design feasible.

b. Identify and discuss all alternative sites and means considered to close the significant gap claimed and described in 4.12

Verizon's RF engineering and site acquisition teams evaluated several alternative locations and configurations before selecting the Brighton site. The alternatives reviewed included:

Nearby rooftops within the industrial area bounded by Winona Avenue, North Naomi Street, and Empire Avenue. Most buildings lacked sufficient structural height or roof load capacity and did not meet the required azimuth and elevation parameters for effective signal propagation into the identified coverage gap.

Co-location on existing telecommunications structures: Verizon investigated potential co-location opportunities on nearby wireless sites; however, existing facilities were either outside the effective coverage ring or already operating near maximum antenna loading and azimuth capacity.

New freestanding monopole options in industrial parcels were dismissed early due to higher visual and community impact and greater permitting complexity.

Among all options, the Winona Avenue rooftop provided optimal RF coverage, line-of-sight, backhaul connectivity, and least-intrusive visual profile—meeting both technical and zoning criteria while closing the significant gap.

Alternate Candidate Sites:

- Two additional sites designs were discussed with Contract Services Administration.
 - A raw land tower build on western portion of property located at APN: 2466-013-012 and another on the eastern rooftop of the subject APN building.
 - The CSA requested we locate a site on the unmanned parking garage as it would give the highest potential centerline for Verizon Antennas and also have greatest ease of access.
- 2807 WINONA AVE BURBANK, CA 91504
 - Owner: 2807 WINONA PARTNERS LLC
 - APN: 2466-022-010
 - This would have required a new tower construction and owners were concerned about losing potential parking spaces
- 2900 N SAN FERNANDO BLVD BURBANK, CA 91504
 - Owner: TSAY JBR LLC
 - APN: 2466-021-015
 - Ownership group was not interested in entering into a long term lease with Verizon Wireless

c. Whether two or more sites in lieu of the site proposed could close or reduce the significant gap with less impact on the community

No. Verizon's RF analysis indicates that two or more smaller or lower-height sites would not effectively close the same significant coverage gap. The coverage gap extends across a contiguous area of insufficient in-building and vehicular signal strength. Splitting the facility into multiple smaller sites would result in:

Substantially overlapping signal deficiencies and weaker performance at the edges of each cell.

Additional visual and land use impacts due to the need for multiple installations instead of one consolidated rooftop facility.

Higher construction and maintenance footprint from duplicative power, backhaul, and access infrastructure.

Therefore, requiring two or more sites would not result in less community impact—it would likely increase cumulative aesthetic and environmental effects without achieving equivalent technical performance.

d. Whether requiring two or more sites in place of the proposed site would prohibit or effectively prohibit telecommunications service

Yes. Requiring Verizon to deploy multiple alternative sites in place of the proposed Brighton facility would have the effect of prohibiting the provision of reliable telecommunications service as defined under 47 U.S.C. § 332(c)(7)(B)(i)(II).

This is because:

- There are no feasible, available rooftops or structures that could each cover a portion of the gap without leaving substantial uncovered areas.
- The additional facilities would require multiple leases, power drops, and fiber connections, leading to significant delay and increased costs inconsistent with the Federal Telecommunications Act's intent to prevent local actions that materially inhibit service deployment.
- The Brighton site, by contrast, provides an immediate, technically sound, and visually low-impact solution that restores service continuity to Verizon customers and emergency services in the area.

Thus, forcing Verizon to utilize multiple alternative locations would effectively prohibit its ability to provide reliable wireless service in the affected area.

e. Include and attach all information relied on in reaching the affirmative determination in 4.13

The determination is supported by the following technical and design documentation:

- RF propagation maps (“Coverage Without Brighton,” “Coverage With Brighton,” and “Brighton Coverage Only”) showing service improvement in the gap area
- Zoning drawings for the Brighton facility, including antenna plans, concealment elevations, and site details
- RF engineering data and Atoll model output (confidential Verizon internal modeling).
- Photosimulations

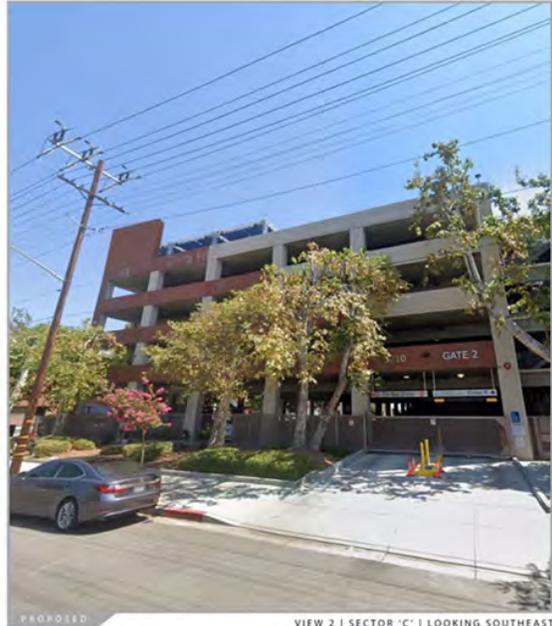
TRIAD Group

BRIGHTON

2710 WINONA AVE | BURBANK, CA 91504

verizon✓





f. Additional information for City findings on least intrusive means

In addition to the materials provided, Verizon notes the following supporting factors:

The rooftop concealment design eliminates visual clutter and is architecturally integrated with the host building.

The facility height ($\pm 65'$) matches nearby rooftop and parapet levels, maintaining skyline uniformity.

The unmanned operation ensures negligible noise, traffic, or environmental impact.

No lighting or signage is proposed, minimizing nighttime visibility.

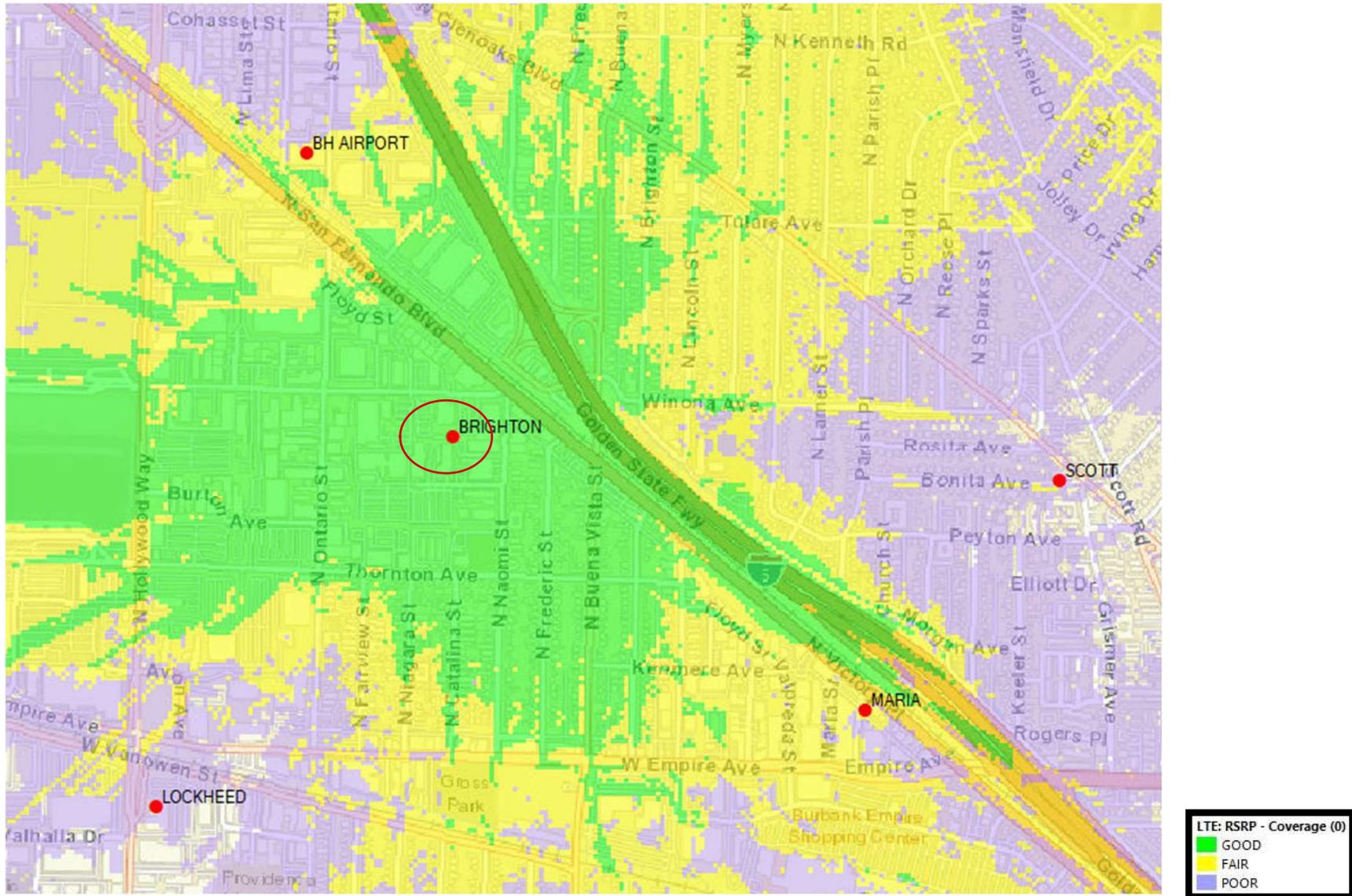
The M-2 zoning designation expressly supports utility and communication infrastructure, aligning with land-use policy for industrial corridors.

These combined factors confirm that the Brighton facility is the least intrusive feasible alternative capable of closing the significant coverage gap, consistent with FCC and judicial standards for effective wireless service deployment.

Exhibit 6.20

Exhibit 6.25

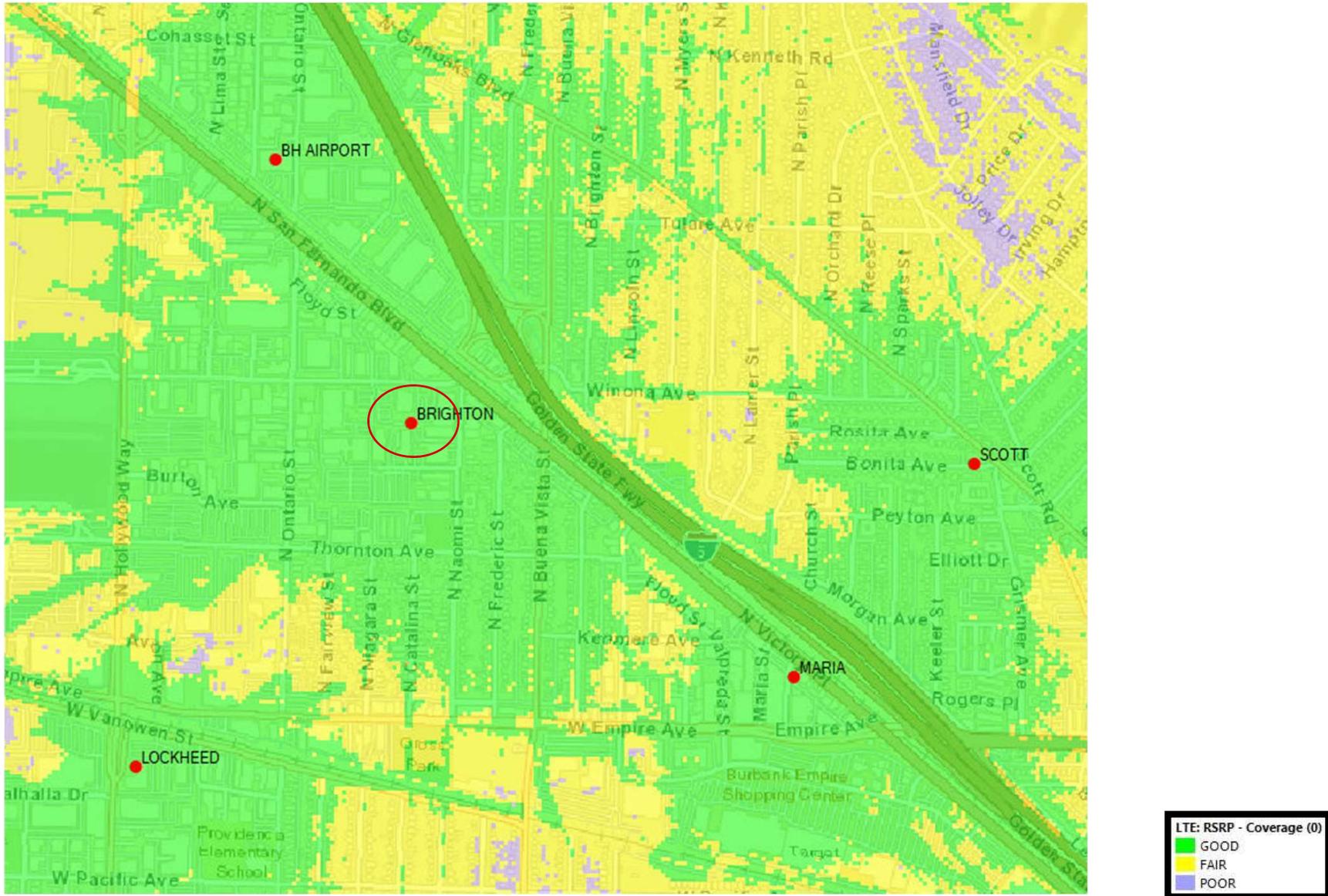
BRIGHTON Coverage ONLY



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Exhibit 7.01

Verizon Coverage with BRIGHTON



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Exhibit 8.04

City of Burbank
Rooftop Wireless Telecommunications Facility
2710 WINONA AVE. BURBANK, CA 91504
APN: 2466-013-018
EXHIBIT 8.04

Project Name
Brighton

Project Location

APN: 2466-013-018

Zoning: M-2

Exhibit 8.04 – Alternate Candidate Sites and Justification for Site Selection

Pursuant to Section 8.04 of the Wireless Telecommunications Facilities Supplemental Application, Verizon Wireless hereby provides the following explanation for why the alternate candidate locations considered were ultimately disfavored compared to the proposed 2710 Winona Avenue (Project Site):

Alternate Candidate Sites Considered:

1. **Western Portion of Property (APN: 2466-013-012)**
 - A potential raw land monopole design was reviewed with Contract Services Administration (CSA).
 - The location presented significant constructability challenges due to lack of existing structural foundation, distance from available power and fiber routes, and limited vehicular access.
 - Construction would have required a new tower and compound footprint within an active studio and parking facility, posing operational conflicts and higher visual impact.
2. **Eastern Rooftop of Subject Building (Same APN: 2466-013-018)**
 - The eastern building roof area offered limited structural loading capacity and would have required reinforcement of existing roof members to meet seismic and wind load requirements.
 - The east elevation would also introduce visual prominence toward the residential interface, resulting in a less preferable concealment orientation.
3. **2807 Winona Avenue, Burbank, CA 91504 (APN: 2466-022-010)**
 - Owner: 2807 Winona Partners, LLC
 - This parcel would have required a newly constructed tower structure and the loss of on-site parking, which the property owner declined.
 - Site geometry and proximity to overhead power conflicts also created electrical clearance concerns.

4. 2900 N. San Fernando Blvd., Burbank, CA 91504 (APN: 2466-021-015)

- Owner: TSAY JBR, LLC
- Ownership group was not willing to enter into a long-term lease with Verizon Wireless.
- Additionally, modeling analysis confirmed this location would underperform in signal overlap relative to the center of the identified service gap, limiting its effectiveness in achieving the RF design objectives.

Basis for Selecting 2710 Winona Avenue (BRIGHTON Project Site):

- The parking structure rooftop of the Contract Services Administration (CSA) facility provides the highest available mounting elevation ($\pm 65' - 2''$ AGL) within the RF search area.
- Existing power and fiber infrastructure are already present, minimizing excavation, visual, and construction impacts.
- The location allows concealed installation of antennas behind faux brick FRP screens, preserving building aesthetics and minimizing visual impact.
- The site presents the most efficient balance of elevation, coverage, concealment, and landowner cooperation—meeting both engineering and aesthetic criteria.

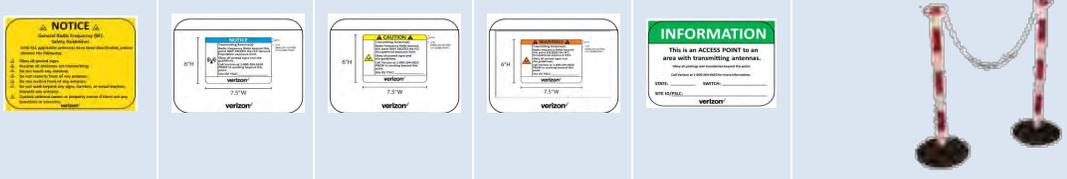
Exhibit 8.05

Radio Frequency Exposure FCC Compliance Assessment

Pre-Activation Post-Activation

SITE INFORMATION			
Site Name	BRIGHTON - B	Multi-Licensee/Carrier Facility	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Street Address	2710 Winona Ave	Is Verizon a Significant RFE Contributor in <u>Co-Locator</u> Areas Requiring Mitigation?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
City, State, Zip	Burbank, CA 91504	Verizon's Max % MPE (Predictive – GP)	14637.83%
Verizon's Max % MPE (Measured - General Population (GP))		Assessment Date	
Structure Type	Rooftop	Assessment Purpose	NSB
Broadcast (AM/FM/TV) Co-Locators	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	# Total Report Revisions	
Total # Access Points	3	Report Revision Date	
Original Report Date	09/11/2025		
RFE Compliance Status	<input type="checkbox"/> SITE COMPLIANT AS DESIGNED (no additional mitigation required) <input checked="" type="checkbox"/> SITE MITIGATION IS REQUIRED (see requirements below) (barriers, signs, etc.) <input type="checkbox"/> SITE will be COMPLIANT with REQUIRED SITE REDESIGN (incl power changes)		

VERIZON'S HIGHEST (WORST) RF EMISSIONS IN ACCESSIBLE AREAS FOR THIS SITE	
<input type="checkbox"/>	BELOW the General Population MPE limit
<input checked="" type="checkbox"/>	ABOVE the General Population MPE limit and BELOW the Occupational MPE limit
<input type="checkbox"/>	ABOVE the Occupational MPE limit and BELOW 10x the Occupational MPE limit
<input type="checkbox"/>	ABOVE 10x the Occupational MPE limit

Final Compliant Configuration						
	GUIDELINES	NOTICE	CAUTION	WARNING	NOC INFO	BARRIER/MARKER
VZ Equipment	<input checked="" type="checkbox"/> [1]	<input checked="" type="checkbox"/> [1]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input checked="" type="checkbox"/> [1]	<input type="checkbox"/>
Utility Pole	<input type="checkbox"/> [#]	<input checked="" type="checkbox"/> [2]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>
Alpha	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>
Beta	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>
Gamma	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>

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☒ RFSP Required

An RF Safety Plan is a document that shows areas that exceed the applicable MPE limit, lists any required signage and barriers, and describes the safety precautions and operational procedures that must be observed at the Site. The RF Team must provide an RF Safety Plan to Verizon employees and contractors who have keys to doors, ladder locks, etc. Included are any power reductions for compliance.

☒ RFSP Letter Required

An RF Safety Plan letter (Letter) is a message that the RF team prepares based on a template. It includes a simplified description of the RF Safety Plan and serves as another Site mitigation measure that Verizon can use to address RFE in excess of the applicable MPE limit. Verizon must use the Letter in conjunction with other required Site mitigation. The Letter is not a substitute for installing signage, barriers and positive access controls, as required, based on the RFE levels (RFE Category) in the area.

Description of all Compliance Requirements(s):

- Notice, NOC, and Guidelines signs need to be posted at the Access Gate to the VZW Equipment.
- Notice signs need to be posted on the Utility Pole 40’ above Ground Level.
- **RF Safety Plan for the Utility Pole**

(See drawing in Section 4b).

Mitigation is required per the Signage/ Barrier Diagram.

The following changes need to be made on Alpha and Gamma sectors to prevent exceeding FCC limits in the generally accessible areas on the Parking Area:

- [3700/VZW] – C-Band: Power reduced from (320W) to (20W) for Alpha sector.
- [2100/VZW] – AWS3: Power reduced from (160W) to (40W) for Alpha and Gamma sectors.
- [2100/VZW] – AWS1: Power reduced from (160W) to (120W) for Alpha and Gamma sectors.
- [1900/VZW] – PCS: Power reduced from (160W) to (80W) for Alpha and Gamma sectors.

Consultant’s Full Name	Waterford Consultants, LLC	Phone/Fax	(703) 596-1022
Email Contact	Support@waterfordconsultants.com		
Address	7430 New Technology Way, Suite 150, Frederick, MD 21703		

Contents

1. Introduction	4
2. Existing Site Characteristics	5
a. Structure	5
c. Accessibility – Site Visit Only	7
d. Existing Verizon Site Mitigation - based on Site visit or pre-evaluation data received	8
e. Antenna Inventory	9
3. Analysis	12
a. Field Measurements:	12
b. Predictive Modeling	13
i. All Known RF Transmitters (Antennas)	13
ii. Predictive Model: Verizon Transmitters	17
4. Conclusion	24
a. RFE Evaluation Results Narrative	24
b. Site Mitigation Diagram (Signage/Barriers)	25
c. Signage/Barrier Installation Detail	27
a. Structure	28
b. Access Point(s)	28
c. Individual Sectors	28
d. Miscellaneous	28
Appendix B: Survey Methodology	28
a. RFE Evaluation Procedures	28
b. Survey Equipment Certification	28
Appendix C: RFE Consultant Certifications	29
a. Preparer Certification	29
b. Reviewer Certification	29
Appendix D: Reference Information	30
a. FCC Rules & Regulations	30
b. Occupational Safety and Health Administration (OSHA) Requirements	31
c. RF Signage	32
d. Physical Barriers	33
e. Indicative Markers	33

1. Introduction

Verizon Wireless has contracted with Waterford Consultants, an independent Radio Frequency consulting firm, to conduct a **Radio Frequency Exposure (RFE) FCC Compliance Assessment** of the **BRIGHTON - B** RF transmitter (Antenna) location (Site). The following report contains a detailed summary of the Radio Frequency environment for the Site as it relates to the Federal Communications Commission (FCC) RFE rules and Occupational Safety & Health Administration (OSHA) Rules and Regulations.

The **Verizon Wireless Antenna data** was provided by:

Name	Dindo Nugpo
Title	RF Engineer
Date	09/06/2025
Sub-Market	SoCal
Email/Phone	DINDO.NUGPO@VERIZONWIRELESS.COM

This RFE FCC Compliance Assessment and Report has been **prepared** and **reviewed** by:

	Preparer	Reviewer
Name	Mohamed Ahmed	Aaron Wells
Title	RF Engineer	Sr RF Engineer
Date	09/11/2025	09/16/2025

This report utilizes the following **for predictive modeling of the ambient RF environment:**

MPE Modeling Program: RFMASTER

Model Used: Sula 09

Reflection Coefficient Y/N: No

Required Modeling Assumptions: Duty Cycle per FDD/TDD and Maximum Total Power Output based on inputs. 80% Duty Cycle for C-Band and CBRS, and 100% for LTE.

Additional Modeling Assumptions:

- This is a Three-sector site supporting LTE at 700, 850, 1900, and 2100, 5G NR at 850, 1900, and 2100 MHz, CBRS at 3500 MHz, and C-Band at 3700 MHz for all sectors.
- The values of the antennas rad center for LTE/C-Band (61'), CBRS (58'), Parking Height (49'), Adjacent Roof 1 Height (34'), Tree 1 Height (32'), Tree 2 Height (30'), Adjacent Roof 2 Height (22'), and Adjacent Roof 3 Height (20') are based on the RFDS, CDs, and Google Earth. This value must be verified on the site audit for the post study.
- The Utility Pole is the same height as the Parking Area.
- Adjacent Roof 4 is the same height as Adjacent Roof 3.

2. Existing Site Characteristics

a. Structure

Physical Description	<ul style="list-style-type: none"> This is a Rooftop application where Verizon antennas are mounted to the mounting pipes on the Parking inside FAUX Brick FRP (Alpha and Beta), and behind FAUX Brick FRP (Gamma). The VZW Equipment is located on the Parking.
Single-Family Home	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Latitude (NAD 83)	34° 11' 54.121" N
Longitude (NAD 83)	118° 20' 28.680" W
Total Analyzed Elevations (All Accessible Levels)	11: Elevation, Antenna, Parking, Utility Pole, Adjacent Roof 1, Tree 1, Tree 2, Adjacent Roof 2, Adjacent Roof 3, Adjacent Roof 4, and Ground levels.

b. Nearest Accessible Area(s) to the antenna

The following chart will only need to be filled out for those objects that are near the antennas (that are not part of the existing structure the antennas are on). Not all areas will have a response based on the environment near the structure.

Tool used to obtain distances: Google Earth

Accessible Area	Distance to antenna (ft)			
	Alpha	Beta	Gamma	Delta
Rooftop located on top of adjacent building				
Accessible areas (porch, fire escape) located on side of building				
Buildings with Windows or open-air features (i.e. parking garage)				
Building side with no accessible areas	98' (Adjacent Roof 3) 45' (Adjacent Roof 4)	91' (Adjacent Roof 2)	76' (Adjacent Roof 1)	
Light Pole				
Utility Pole with accessible objects on Pole (Transformers, splicing boxes, etc.)				
Utility Pole with no accessible objects (only crossarms and wires)			74' (Utility Pole)	
Other _____ (fill in the type of object)			49' (Tree 1) 6' (Tree 2)	

Note- Ground based objects (i.e. those 6 feet or smaller) are considered part of the ground and will be analyzed when the ground is analyzed and need not be stated.

c. Accessibility – Site Visit Only

Did the property owner or agent of the property owner (e.g. a security guard) grant you access to the Self-Support?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If not - were you required to be escorted by Verizon personnel in order to gain access?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Were you required to provide any proof of identity to gain access?	<input type="checkbox"/> YES <input type="checkbox"/> NO
What specific documents were required in order to gain access?	
Were all access points locked at time of assessment?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Were all access points alarmed at time of assessment?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Were there any broken locks or inoperable alarms on any of the access points to the Self-Support?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Were there any access issues caused by either the property owner or agent of the property owner?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Additional Notes:	

d. Existing Verizon Site Mitigation - based on Site visit or pre-evaluation data received

Existing Site Mitigation						
	GUIDELINES	NOTICE	CAUTION	WARNING	NOC INFO	BARRIER/MARKER
Access Point(s)	<input type="checkbox"/> [#]	<input type="checkbox"/>				
Alpha	<input type="checkbox"/> [#]	<input type="checkbox"/>				
Beta	<input type="checkbox"/> [#]	<input type="checkbox"/>				
Gamma	<input type="checkbox"/> [#]	<input type="checkbox"/>				

NOTE: The table above represents EXISTING site mitigation measures previously implemented for this Site.

Are Verizon signs posted on the front, back and sides of antenna arrays where possible?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are Verizon signs visible from all areas of approach?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are there any broken, damaged or illegible Verizon signs?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are there any broken or damaged Verizon physical barriers?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are there any Verizon indicative markers in need of repair or replacement?	<input type="checkbox"/> YES <input type="checkbox"/> NO



Updated 07.31.24

e. Antenna Inventory

Z-height represents the distance from the nearest walking surface to the _____ of the antenna. Bottom Centerline Top

NON-Verizon Co-locator Antenna data based on Estimates Actual Data

Initial Data submitted

ID Sub	ID	Carrier NAME	Antenna Model	MDT (°)	Az (°)	Freq Band	EDT (°)	HBW (°)	VBW (°)	Paths	Transmit Power (W)	Total Power (W)	Gain (dBd)	ERP (W)	Antenna Z Height	Parking Z Height	Adjacent Roof 1 Z Height	Tree 1 Z Height	Tree 2 Z Height	Adjacent Roof 2 Z Height	Adjacent Roof 3 Z Height	Ground Z Height
A1	VZW	SON AIR6419	0	150	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A2	VZW	SON AIR3268	0	150	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00	
A3	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A3	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A4	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A4	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A5	VZW	SON AIR3283	0	150	1900	SON	69	17	16	10	160.00	14.48	4488.69	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A5	VZW	SON AIR3283	0	150	2100	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
A5	VZW	SON AIR3283	0	150	2100_3	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B1	VZW	SON AIR6419	0	270	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B2	VZW	SON AIR3268	0	270	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00	
B3	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B3	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B4	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B4	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B5	VZW	SON AIR3283	0	270	1900	SON	69	17	16	10	160.00	14.48	4488.69	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B5	VZW	SON AIR3283	0	270	2100	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
B5	VZW	SON AIR3283	0	270	2100_3	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G1	VZW	SON AIR6419	0	30	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G2	VZW	SON AIR3268	0	30	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00	
G3	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G3	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G4	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G4	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G5	VZW	SON AIR3283	0	30	1900	SON	69	17	16	10	160.00	14.48	4488.69	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G5	VZW	SON AIR3283	0	30	2100	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	
G5	VZW	SON AIR3283	0	30	2100_3	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00	

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Site Redesign Data - Part 1

ID Sub	Carrier NAME	Antenna Model	MDT (°)	Az (°)	Freq Band	EDT (°)	HBW (°)	VBW (°)	Paths	Transmit Power (W)	Total Power (W)	Gain (dBd)	ERP (W)	Antenna Z Height	Parking Z Height	Adjacent Roof 1 Z Height	Tree 1 Z Height	Tree 2 Z Height	Adjacent Roof 2 Z Height	Adjacent Roof 3 Z Height	Ground Z Height
A1	VZW	SON AIR6419	0	150	3700	SON	11	25	64	0.3125	20.00	23.45	4426.19	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A2	VZW	SON AIR3268	0	150	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00
A3	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A3	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A4	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A4	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A5	VZW	SON AIR3283	0	150	1900	SON	69	17	16	5	80.00	14.48	2244.35	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A5	VZW	SON AIR3283	0	150	2100	SON	67	15	16	7.5	120.00	15.01	3803.47	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
A5	VZW	SON AIR3283	0	150	2100_3	SON	67	15	16	2.5	40.00	15.01	1267.83	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B1	VZW	SON AIR6419	0	270	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B2	VZW	SON AIR3268	0	270	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00
B3	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B3	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B4	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B4	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B5	VZW	SON AIR3283	0	270	1900	SON	69	17	16	10	160.00	14.48	4488.69	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B5	VZW	SON AIR3283	0	270	2100	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
B5	VZW	SON AIR3283	0	270	2100_3	SON	67	15	16	10	160.00	15.01	5071.31	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G1	VZW	SON AIR6419	0	30	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G2	VZW	SON AIR3268	0	30	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.00	9.00	24.00	26.00	28.00	36.00	38.00	58.00
G3	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G3	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G4	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G4	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G5	VZW	SON AIR3283	0	30	1900	SON	69	17	16	5	80.00	14.48	2244.35	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G5	VZW	SON AIR3283	0	30	2100	SON	67	15	16	7.5	120.00	15.01	3803.47	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00
G5	VZW	SON AIR3283	0	30	2100_3	SON	67	15	16	2.5	40.00	15.01	1267.83	0.00	12.00	27.00	29.00	31.00	39.00	41.00	61.00

Site Redesign Data - Part 2 - FUZE Data entry for Power Reductions

FUZE MAX POWER CHART						
Transmitter	Azimuth	Band	Band Info	Center Frequency	Sector Number	Max Power (Watt)
24980823	150	5G_L-Sub6	Bn77_60, 100MHz, 650006, 654652	3750.09	0001	20
1543267	150	4G_PCS	B2_20MHz_1000	1900	0001	80
1543270	150	4G_AWS1	B4_20MHz_2100	2100	0001	120
1543275	150	4G_AWS3	Bn1_20MHz_67086	2100	0001	40
1543269	30	4G_PCS	B2_20MHz_1000	1900	0003	80
1543272	30	4G_AWS1	Bn1_20MHz_2100	2100	0003	120
1543277	30	4G_AWS3	Bn1_20MHz_67086	2100	0003	40

PRF							
Sector	Carrier NAME	Frequency Band	Duty Cycle Factor Used	PRF Factor Used in Analysis	Total Reduction Factor (Duty Cycle and PRF)	Additional Reduction	Total Reduction Factor (Duty Cycle, PRF, and additional reduction) (DB)

3. Analysis

Could field measurements be taken in areas with Verizon antennas?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If field measurements could NOT be taken, explain why here.	
Adjacent Structure(s)	<input type="checkbox"/> Touching <input type="checkbox"/> Potential Concern <input type="checkbox"/> No Concern
If the structure is a Single-Family Residential Home, were measurements taken inside the residence?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Field Measurement Equipment	<input type="checkbox"/> Broadband <input type="checkbox"/> Narrowband
Field Measurement Start Time	
Field Measurement End Time	
Location Broadband Equipment Zeroed	

a. Field Measurements:

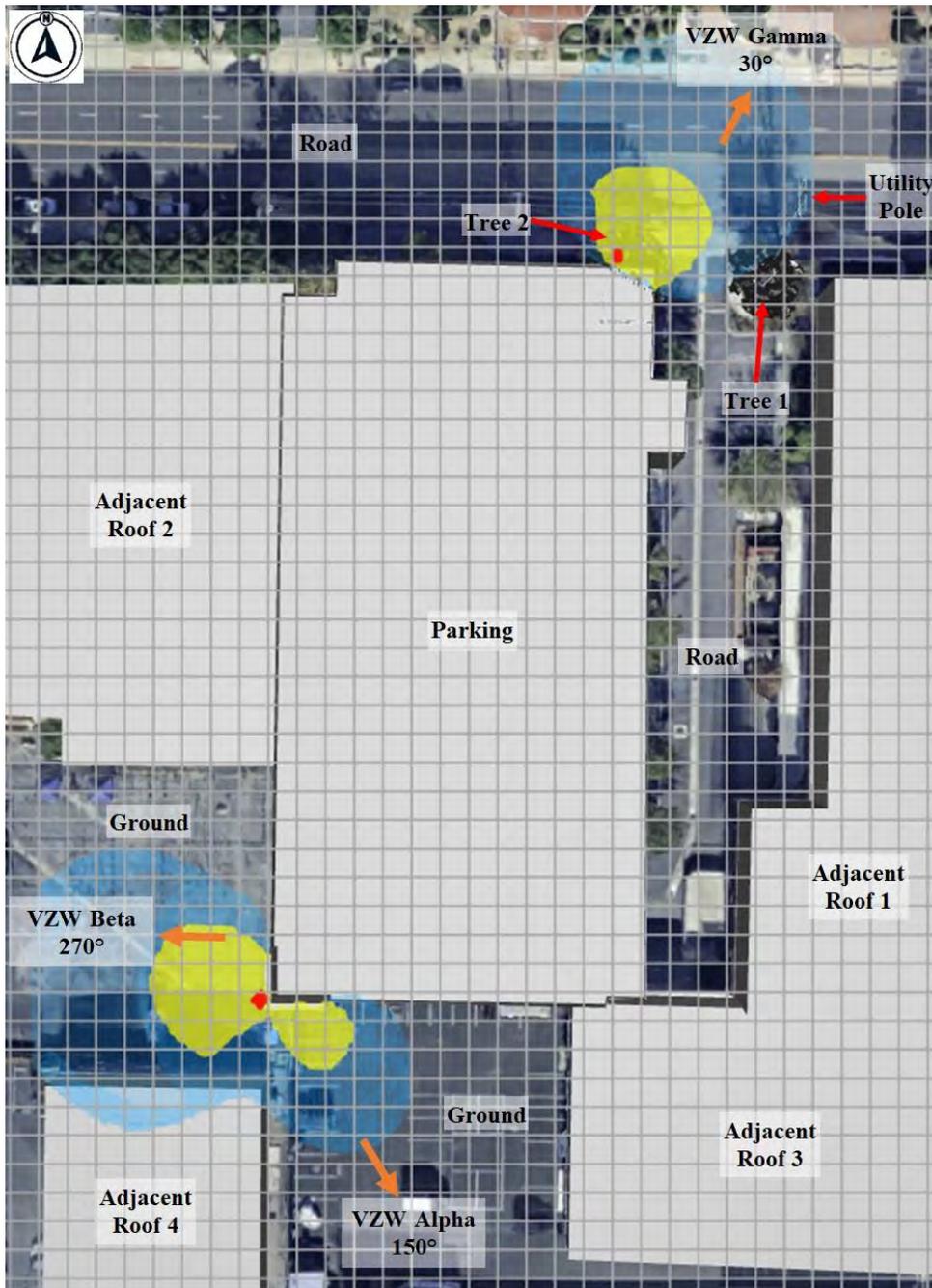
b. Predictive Modeling

Are the areas being modeled ONLY accessible to persons trained to work in an RF environment (Occupational Area)?

YES NO

i. All Known RF Transmitters (Antennas)

Reference Plane: Antennas Level



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antenna level	41.1 - 81.1	3D Area	3D Sula9 GP 5.0 res	14637.83%	0.00	VZW

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
3D Sula9 GP 5.0 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

Reference Plane: All Levels



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Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Tree 1	0.1 - 32.1	3D Area	3D FF GP 5.0 res	35.87%	0.00	VZW
Tree 2	0.1 - 30.1	3D Area	3D FF GP 5.0 res	24.66%	0.00	VZW
Utility Pole	0.2 - 49.2	3D Area	3D FF GP 5.0 res	154.39%	0.00	VZW
100%-500%		500%-5000%		5000%+		
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Adjacent Roof 1	34.2	Floor	2D FFw/RC GP 0.5 res	61.69%	0.00	VZW
Adjacent Roof 2	22.2	Floor	2D FFw/RC GP 0.5 res	66.10%	0.00	VZW
Adjacent Roof 3	20.2	Floor	2D FFw/RC GP 0.5 res	31.63%	0.00	VZW
Adjacent Roof 4	20.1	Floor	2D FFw/RC GP 0.5 res	71.02%	0.00	VZW
Ground	0.1	Floor	2D FFw/RC GP 0.5 res	33.72%	0.00	VZW
Parking	49.2	Floor	2D Sula9 GP 0.5 res	267.45%	0.00	VZW
5%-100%		100%-500%		500%-5000%		5000%+
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
2D Sula9 GP 0.5 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.5	1.0	
2D FFw/RC GP 0.5 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	0.5	1.6	
3D FF GP 5.0 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0	

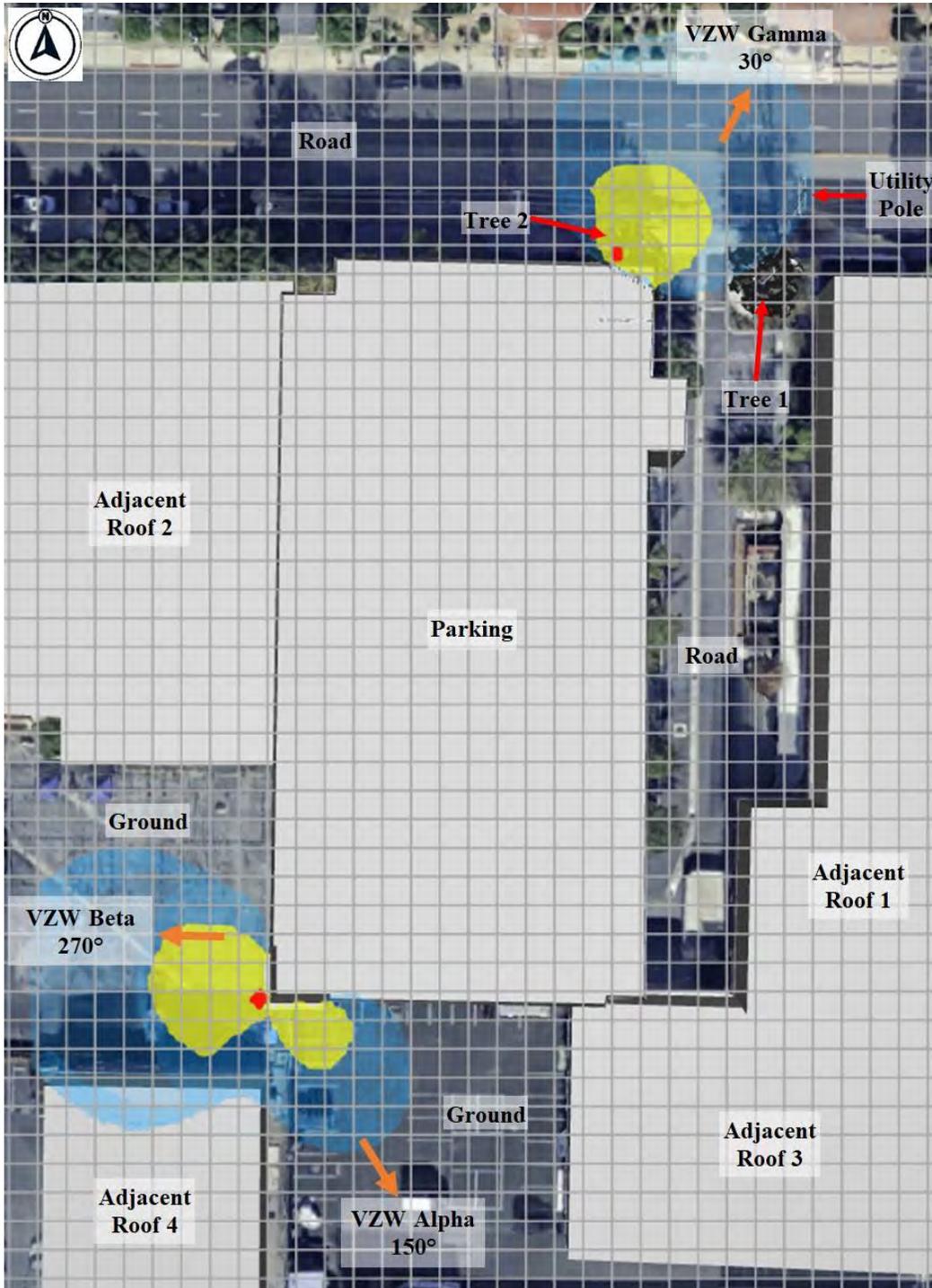
- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation + 6' | Mid-Level = Elevation +/- 3'

ii. Predictive Model: Verizon Transmitters

Reference Plane: Antennas Level



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antenna level	41.1 - 81.1	3D Area	3D Sula9 GP 5.0 res	14637.83%	0.00	VZW



Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
3D Sula9 GP 5.0 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation + 6' | Mid-Level = Elevation +/- 3'

Reference Plane: All Levels (Before EC)



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Tree 1	0.1 - 32.1	3D Area	3D FF GP 5.0 res	36.60%	0.00	VZW
Tree 2	0.1 - 30.1	3D Area	3D FF GP 5.0 res	25.18%	0.00	VZW
Utility Pole	0.2 - 49.2	3D Area	3D FF GP 5.0 res	169.14%	0.00	VZW
100%-500%		500%-5000%		5000%+		
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Adjacent Roof 1	34.2	Floor	2D FFw/RC GP 0.5 res	63.18%	0.00	VZW
Adjacent Roof 2	22.2	Floor	2D FFw/RC GP 0.5 res	66.17%	0.00	VZW
Adjacent Roof 3	20.2	Floor	2D FFw/RC GP 0.5 res	100.49%	0.00	VZW
Adjacent Roof 4	20.1	Floor	2D FFw/RC GP 0.5 res	73.47%	0.00	VZW
Ground	0.1	Floor	2D FFw/RC GP 0.5 res	38.08%	0.00	VZW
Parking	49.2	Floor	2D Sula9 GP 0.5 res	290.95%	0.00	VZW
5%-100%		100%-500%		500%-5000%		5000%+
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
2D Sula9 GP 0.5 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.5	1.0	
2D FFw/RC GP 0.5 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	0.5	1.6	
3D FF GP 5.0 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0	

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation + 6' | Mid-Level = Elevation +/- 3'

Reference Plane: All Levels (After EC)



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Tree 1	0.1 - 32.1	3D Area	3D FF GP 5.0 res	35.87%	0.00	VZW
Tree 2	0.1 - 30.1	3D Area	3D FF GP 5.0 res	24.66%	0.00	VZW
Utility Pole	0.2 - 49.2	3D Area	3D FF GP 5.0 res	154.39%	0.00	VZW

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Adjacent Roof 1	34.2	Floor	2D FFw/RC GP 0.5 res	61.69%	0.00	VZW
Adjacent Roof 2	22.2	Floor	2D FFw/RC GP 0.5 res	66.10%	0.00	VZW
Adjacent Roof 3	20.2	Floor	2D FFw/RC GP 0.5 res	31.63%	0.00	VZW
Adjacent Roof 4	20.1	Floor	2D FFw/RC GP 0.5 res	71.02%	0.00	VZW
Ground	0.1	Floor	2D FFw/RC GP 0.5 res	33.72%	0.00	VZW
Parking	49.2	Floor	2D Sula9 GP 0.5 res	267.45%	0.00	VZW

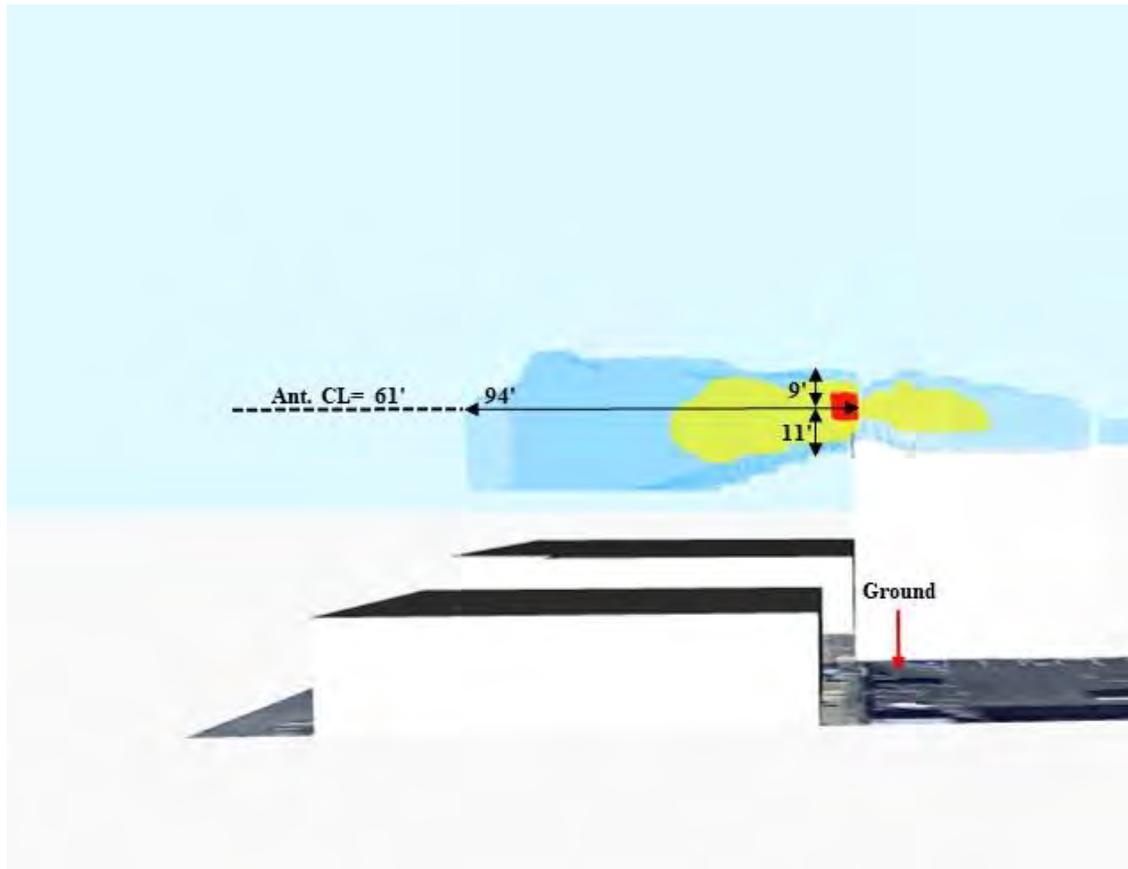
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula9 GP 0.5 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.5	1.0
2D FFw/RC GP 0.5 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	0.5	1.6
3D FF GP 5.0 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation + 6' | Mid-Level = Elevation +/- 3'

Reference Plane: Elevation Level



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antenna level	41.1 - 81.1	3D Area	3D Sula9 GP 5.0 res	14637.83%	0.00	VZW



Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
3D Sula9 GP 5.0 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation + 6' | Mid-Level = Elevation +/- 3'

4. Conclusion

a. RFE Evaluation Results Narrative

Description of MPE-Limit Exceeding Areas:

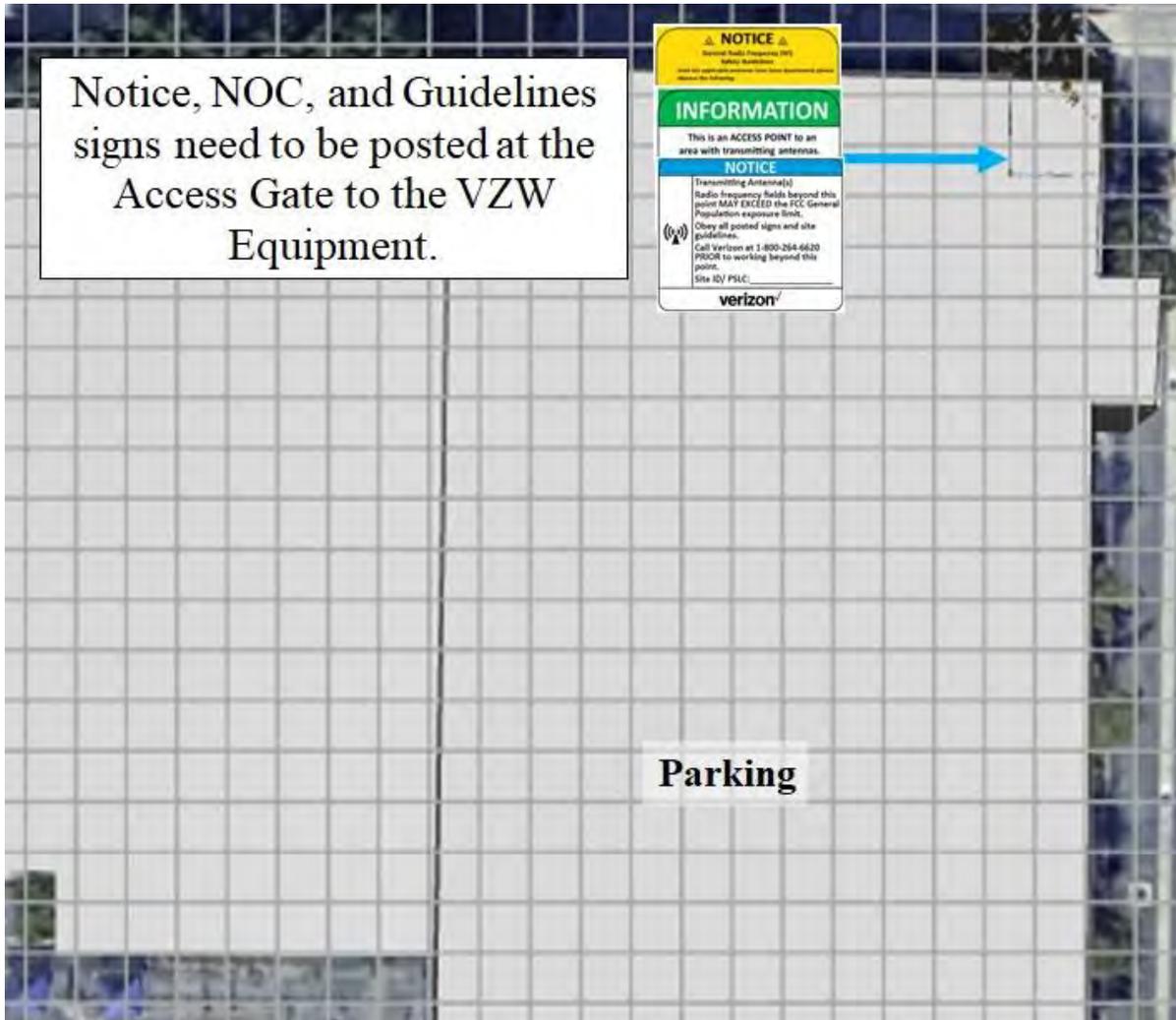
- The results of the analysis indicate that the power density levels on the Antenna Level will exceed the FCC’s MPE limit for General Population. Notice that the power density levels will exceed the FCC’s MPE limit for General Population, Occupational, and 10x Occupational limits in front of the antennas which are not generally accessible areas.
- The results of the analysis indicate that the power density levels in the generally accessible areas on the Parking Level will not exceed the FCC’s MPE limit for General Population limits. Notice that the power density levels will exceed the FCC’s MPE limit for General Population limits in front of the antennas inside the fenced area of VZW equipment at Gamma sector which are not generally accessible areas and restricted to Verizon only.
- The results of the analysis indicate that the power density levels in the generally accessible areas on the Utility Pole Level will exceed the FCC’s MPE limit for General Population limits. Therefore, mitigation is required as per Site Mitigation Diagram.
- The results of the analysis indicate that the power density levels in the generally accessible areas on the Tree 1 and Tree 2 Levels will not exceed the FCC’s MPE limit for General Population limits.
- The results of the analysis indicate that the power density levels in the generally accessible areas on the Adjacent Roofs 1, 2, 3, and 4 Levels will not exceed the FCC’s MPE limit for General Population limits.
- The results of the analysis indicate that the power density levels in the generally accessible areas on the Ground Level will not exceed the FCC’s MPE limit for General Population limits.
- The max theoretical % MPE (General Public) is **14637.83%** directly in front of the antennas beams at the Antennas Level. Notice that the power density levels will exceed the FCC’s MPE limit for General Population, Occupational, and 10x Occupational limits in front of the antennas which it is not generally accessible areas.

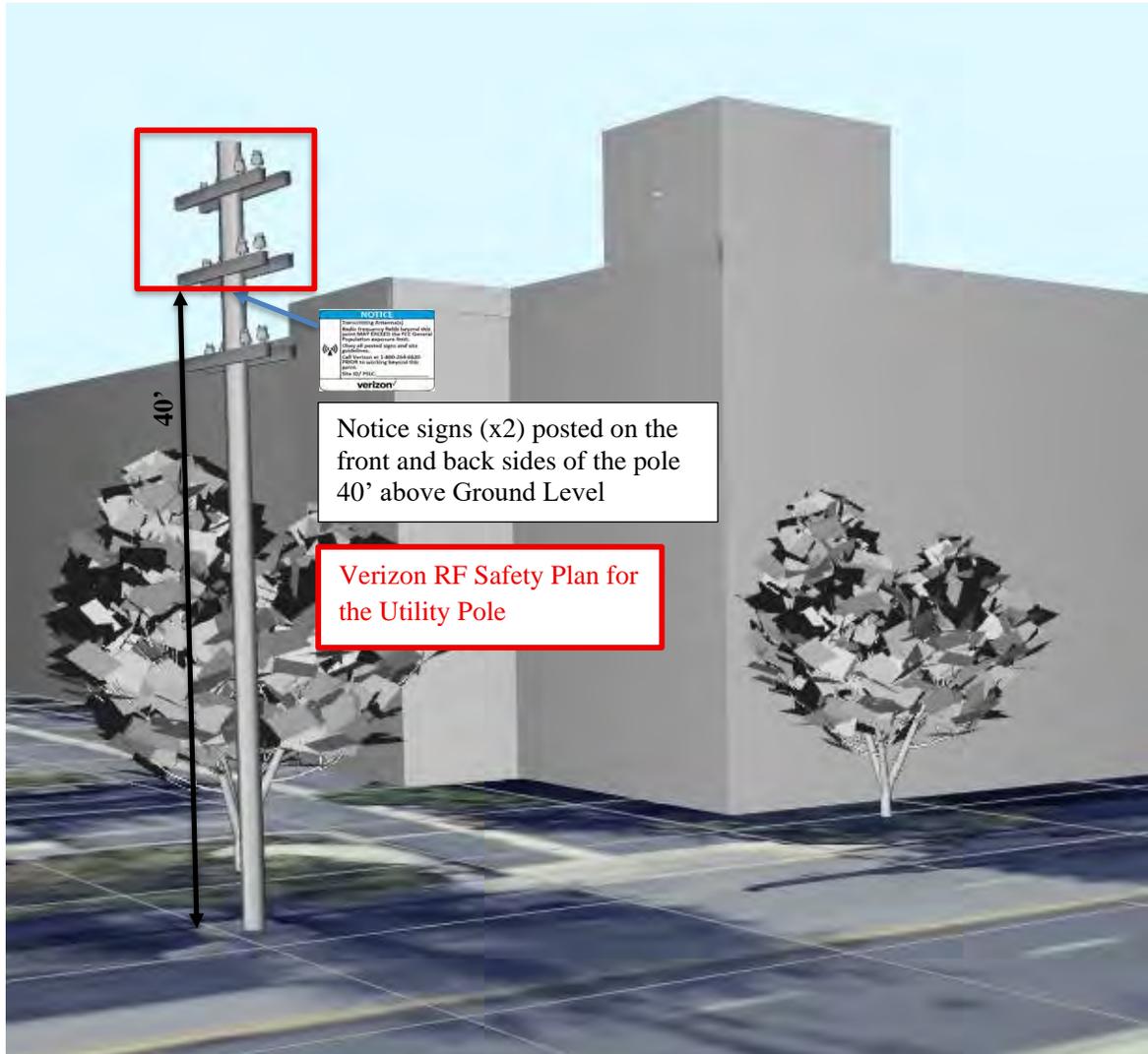
Potentially Non-Compliant Co-Locator Areas: Verizon Responsibility

The following table represents potentially non-compliant co-locators for which Verizon is a 5% General Population MPE (1% Occupational MPE) contributor (5% ring).

AT&T	T-Mobile	Other (name)	Other (name)	Unknown	Other
□	□	□	□	□	

b. Site Mitigation Diagram (Signage/Barriers)





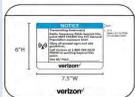
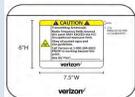
Notice signs (x2) posted on the front and back sides of the pole 40' above Ground Level

Verizon RF Safety Plan for the Utility Pole

Final Compliant Configuration												
	GUIDELINES		NOTICE		CAUTION		WARNING		NOC INFO		BARRIER/MARKER	
VZ Equipment	<input checked="" type="checkbox"/> [1]		<input checked="" type="checkbox"/> [1]		<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input checked="" type="checkbox"/> [1]		<input type="checkbox"/>	
Utility Pole	<input type="checkbox"/> [#]		<input checked="" type="checkbox"/> [2]		<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input type="checkbox"/>	
Alpha	<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input type="checkbox"/>							
Beta	<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input type="checkbox"/>							
Gamma	<input type="checkbox"/> [#]		<input type="checkbox"/> [#]		<input type="checkbox"/>							

NOTE: The table above represents EVERY RFE Mitigation requirement that MUST be implemented at this location (except the RF Safety Plan letter, if required).

c. Signage/Barrier Installation Detail

Mitigation Actions Required/Taken												
	GUIDELINES		NOTICE		CAUTION		WARNING		NOC INFO		BARRIER/MARKER	
Access Point(s)	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>	
Alpha	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>	
Beta	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>	
Gamma	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/> [#]	<input type="checkbox"/>	
	ADD	REM	ADD	REM	ADD	REM	ADD	REM	ADD	REM	ADD ONLY	

NOTE: The above table describes the signage/barriers that were installed or removed by the consultant/vendor. If NOT installed by the consultant/vendor what actions are required.

The table below describes any site mitigation to be installed by the Submarket (if applicable).

SPECIAL MITIGATION INSTRUCTIONS	
Items to be Installed	
Items to be Removed	
Items to be Repaired/Replaced	

Appendix A: Site Photos

- a. Structure**
- b. Access Point(s)**
- c. Individual Sectors**
- d. Miscellaneous**

Appendix B: Survey Methodology

- a. RFE Evaluation Procedures**
- b. Survey Equipment Certification**

Appendix C: RFE Consultant Certifications

a. Preparer Certification

I, **Mohamed Ahmed**, the preparer of this report, am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I am also fully aware of and familiar with Verizon Wireless's RFE Compliance Analysis policy (RFE CAP) and Signage & Demarcation policy. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.



b. Reviewer Certification

I, **Aaron Wells**, the reviewer and approved of this report, am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation. I am also fully aware of and familiar with Verizon Wireless's RFE Compliance Analysis policy (RFE CAP) and Signage & Demarcation policy. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.



Appendix D: Reference Information

a. FCC Rules & Regulations

The Federal Communications Commission (FCC) has established safety guidelines relating to RF exposure (RFE) from wireless facilities (Sites). The FCC developed those standards, known as Maximum Permissible Exposure (MPE) limits, in consultation with numerous other federal agencies, including the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration. The standards were developed by expert scientists and engineers after extensive reviews of the scientific literature related to RF biological effects. The FCC explains that its standards “incorporate prudent margins of safety.” The following is an overview of the FCC requirements:

Maximum Permissible Exposure Limit Classifications

<p><u>Occupational/Controlled Environment</u> – An area where RF exposure may occur with persons who are aware of the potential for exposure as a condition of employment (e.g., telecommunications workers) or specific activity and can exercise control over their exposure. This category includes RF-trained workers who know how to work in an RF environment.</p>	<p><u>General Population/Uncontrolled Environment</u> – An area where RF exposure may occur with persons who are unaware of the potential for exposure and who have no control over their exposure. This category is composed of the general public, including untrained workers.</p>
--	---

<i>Limits for Occupational/Controlled Exposure</i>		
Frequency	Power Density	Averaging Time
Range	(S)	 E ², H ², or S
(MHz)	(mW/cm²)	(minutes)
300-1500	f/300	6
1500-100,000	5	6
<i>Limits for General Population/Uncontrolled Exposure</i>		
Frequency	Power Density	Averaging Time
Range	(S)	 E ², H ², or S
(MHz)	(mW/cm²)	(minutes)
300-1500	f/1500	30
1500-100,000	1	30
<i>f = frequency in MHz</i>		

Significant Contribution to the RF Environment

In general, when the exposure limits specified in § 1.1310 of this part are exceeded in an accessible area due to the emissions from multiple fixed RF sources, actions necessary to bring the area into compliance or preparation of an Environmental Assessment (EA) as specified in § 1.1311 of this part are the shared responsibility of all licensees whose RF sources produce, at the area in question, levels that exceed 5% of the applicable exposure limit proportional to power. However, a licensee demonstrating that its facility was not the most recently modified or newly-constructed facility at the site establishes a rebuttable presumption that such licensee should not be liable in an enforcement proceeding relating to the period of non-compliance. Field strengths must be squared to be proportional to SAR or power density. Specifically, these compliance requirements apply if the square of the electric or magnetic field strength exposure level applicable to a particular RF source exceeds 5% of the square of the electric or magnetic field strength limit at the area in question where the levels due to multiple fixed RF sources exceed the exposure limit.

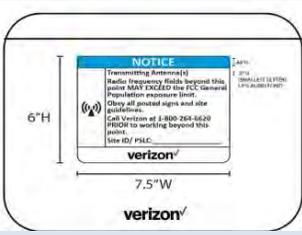
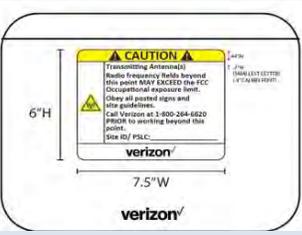
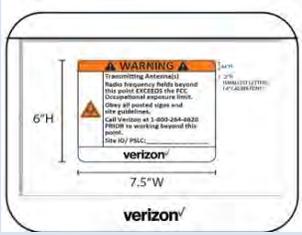
b. Occupational Safety and Health Administration (OSHA) Requirements

A formal adopter of FCC Standards, OSHA stipulates that those in the Occupational classification must complete training in the following: RF Safety, RF Awareness, and Utilization of Personal Protective Equipment. OSHA also provides options for Hazard Prevention and Control:

Hazard Prevention	Control
<ul style="list-style-type: none"> • Utilization of good equipment • Enact control of hazard areas • Limit exposures • Employ medical surveillance and accident response 	<ul style="list-style-type: none"> • Employ Lockout/Tag out • Utilize personal alarms & protective clothing • Prevent access to hazardous locations • Develop or operate an administrative control program

c. RF Signage

RFE Signage is signs meeting certain specifications that Verizon installs to inform people about an RFE source in an area accessible by people where the applicable MPE limit is exceeded. Per OSHA requirements, all signs shall be furnished with rounded or blunt corners and shall be free from sharp edges, burrs, splinters, or other sharp projections. The ends or heads of bolts or other fastening devices shall be located in such a way that they do not constitute a hazard.

GUIDELINES	Category Two - Notice	Category Three - Caution	Category Four – Warning or Danger
<p>This sign will inform anyone of the basic precautions to follow when entering an area with transmitting radiofrequency equipment.</p>	<p>This sign indicates that RF emissions may exceed the FCC General Population MPE limit.</p> <ul style="list-style-type: none"> ● Sign Color Blue ● Sign Signal Word “Notice” 	<p>This sign indicates that RF emissions may exceed the FCC Occupational MPE limit.</p> <ul style="list-style-type: none"> ● Sign Color Yellow ● Sign Signal Word “Caution” 	<p>This sign indicates that RF emissions may exceed at least 10x the FCC Occupational MPE limit.</p> <ul style="list-style-type: none"> ● Sign Color Orange or Red ● Sign Signal Word “Warning” or “Danger” <p>Red “DANGER” signs must be installed (in addition to the orange warning signs) in Areas where immediate and serious injury will occur on contact with an Antenna.</p> <p>No access to category four areas unless a reduction in category occurs.</p>
			

Category One - Information	
<p>Information signs are used as a means to provide contact information for any questions or concerns. They will include specific cell site identification information and the Verizon Wireless Network Operations Center phone number.</p> <ul style="list-style-type: none"> ● Sign Color Green ● Sign Signal Word “Information” 	

Signs for Category Two through Four must have the following:

- Appropriate signal word, associated color {i.e., {“DANGER” (red), “WARNING” (orange), “CAUTION,” (yellow) “NOTICE” (blue)};
- RF energy advisory symbol;
- An explanation of the RF source;
- Behavior necessary to comply with the exposure limits; and
- Up-to-date contact information.

d. Physical Barriers

Physical barriers are human-made structural obstacles installed at a Site that:

- demarcate RFE Category boundaries; are installed above ground;
- possess enough structural integrity to withstand normal environmental forces (e.g., wind, rain, snow, ice); and
- are typically 39 to 42 inches in height so as not to pose a tripping hazard.
- **Example:** chain-connected stanchions

e. Indicative Markers

Indicative Markers are another type of barrier that Verizon uses. Indicative markers are:

- objects that indicate a position, place, or route; are typically placed on the ground;
- and demarcate RFE Category boundaries.

Verizon frequently uses Indicative Markers in warmer climates where there is little snow or debris accumulation that would impede their visibility.

Example: paint stripes



WATERFORD

Radio Frequency Emissions Compliance Report for Verizon Wireless

Site Name:	BRIGHTON - B	Site Structure Type:	Rooftop
Address:	2710 Winona Ave	Latitude:	34° 11' 54.121" N
	Burbank, CA 91504	Longitude:	118° 20' 28.680" W
Report Date:	September 16, 2025	Project:	NSB

Compliance Statement

Based on information provided by Verizon Wireless and predictive modeling, the **BRIGHTON - B** installation proposed by Verizon Wireless will be compliant with Radiofrequency Radiation Exposure Limits of 47 C.F.R. §§ 1.1307(b)(3) and 1.1310. RF alerting signage and restricting access to the antenna to authorized personnel that have completed RF safety training is required for Occupational environment compliance. The proposed operation will not expose members of the General Public to hazardous levels of RF energy at ground level or in adjacent buildings.

Certification

I, Tim Alexander, am the reviewer and approver of this report and am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation, specifically in accordance with FCC's OET Bulletin 65. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.



SIGNED, 17 SEP 2025

General Summary

The compliance framework is derived from the Federal Communications Commission (FCC) Rules and Regulations for preventing human exposure in excess of the applicable Maximum Permissible Exposure ("MPE") limits. At any location at this site, the power density resulting from each transmitter may be expressed as a percentage of the frequency-specific limits and added to determine if 100% of the exposure limit has been exceeded. The FCC Rules define two tiers of permissible exposure differentiated by the situation in which the exposure takes place and/or the status of the individuals who are subject to exposure. General Population / Uncontrolled exposure limits apply to those situations in which persons may not be aware of the presence of electromagnetic energy, where exposure is not employment-related, or where persons cannot exercise control over their exposure. Occupational / Controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment, have been made fully aware of the potential for exposure, and can exercise control over their exposure. Based on the criteria for these classifications, the FCC General Population limit is considered to be a level that is safe for continuous exposure time. The FCC General Population limit is 5 times more restrictive than the Occupational limits.

Table 1: FCC Limits

Frequency (MHz)	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposure	
	Power Density (mW/cm ²)	Averaging Time (minutes)	Power Density (mW/cm ²)	Averaging Time (minutes)
30-300	0.2	30	1	6
300-1500	f/1500	30	f/300	6
1500-100,000	1.0	30	5.0	6

f=Frequency (MHz)

In situations where the predicted MPE exceeds the General Population threshold in an accessible area as a result of emissions from multiple transmitters, FCC licensees that contribute greater than 5% of the aggregate MPE share responsibility for mitigation.

Based on the computational guidelines set forth in FCC OET Bulletin 65, Waterford Consultants, LLC has developed software to predict the overall Maximum Permissible Exposure possible at any location given the spatial orientation and operating parameters of multiple RF sources. The power density in the Far Field of an RF source is specified by OET-65 Equation 5 as follows:

$$S = \frac{EIRP}{4 \cdot \pi \cdot R^2} \text{ (mW/cm}^2\text{)}$$

where EIRP is the Effective Radiated Power relative to an isotropic antenna and R is the distance between the antenna and point of study. Additionally, consideration is given to the manufacturers' horizontal and vertical antenna patterns as well as radiation reflection. At any location, the predicted power density in the Far Field is the spatial average of points within a 0 to 6-foot vertical profile that a person would occupy. Near field power density is based on OET-65 Equation 20 stated as

$$S = \left(\frac{180}{\theta_{BW}}\right) \cdot \frac{100 \cdot P_{in}}{\pi \cdot R \cdot h} \text{ (mW/cm}^2\text{)}$$

where P_{in} is the power input to the antenna, θ_{BW} is the horizontal pattern beamwidth and h is the aperture length.

Some antennas employ beamforming technology where RF energy allocated to each customer device is dynamically directed toward their location. In the analysis presented herein, predicted exposure levels are based on all beams at full utilization (i.e. full power) simultaneously focused in any direction. As this condition is unlikely to occur, the actual power density levels at ground and at adjacent structures are expected to be less than the levels reported below. These theoretical results represent maximum-case predictions as all RF emitters are assumed to be operating at 100% duty cycle.

For any area in excess of 100% General Population MPE, access controls with appropriate RF alerting signage must be put in place and maintained to restrict access to authorized personnel. Signage must be posted to be visible upon approach from any direction to provide notification of potential conditions within these areas. Subject to other site security requirements, occupational personnel should be trained in RF safety and equipped with personal protective equipment (e.g. RF personal monitor) designed for safe work in the vicinity of RF emitters. Controls such as physical barriers to entry imposed by locked doors, hatches and ladders or other access control mechanisms may be supplemented by alarms that alert the individual and notify site management of a breach in access control. Waterford Consultants, LLC recommends that any work activity in these designated areas or in front of any transmitting antennas be coordinated with all wireless tenants.

Analysis

Verizon Wireless proposes the following installation at this location:

- INSTALL (15) NEW ANTENNAS @ EXISTING BUILDING ROOFTOP (5 PER SECTOR)
- INSTALL (3) NEW RRUS @ EXISTING BUILDING ROOFTOP (1 PER SECTOR)

The antennas will be mounted on a 49'-1" Rooftop with centerlines 61' & 58' above ground level. Proposed antenna operating parameters are listed in Appendix A. Other appurtenances such as GPS antennas, RRUs and hybrid cable below the antennas are not sources of RF emissions. No other antennas are known to be operating in the vicinity of this site.



Figure 1: Antenna Locations

Power density decreases significantly with distance from any antenna. The Panel-type antenna to be employed at this site are highly directional by design and the orientation in azimuth and mounting elevation, as documented, serves to reduce the potential to exceed MPE limits at any location other than directly in front of the antennas. For accessible areas at ground level, the maximum predicted power density level resulting from all Verizon Wireless operations is 33.72% of the FCC General Population limits. For accessible areas at Adjacent Roof 4 level, the maximum predicted power density level resulting from all Verizon operations is 71.02% of the FCC General Population limits (Figure 2.2). The proposed operation will not expose members of the General Public to hazardous levels of RF energy at ground level or in adjacent buildings.

On the Rooftop in front of the antennas, predicted MPE levels will exceed the FCC General Population limits within 94 feet in front of the antennas and within 11 feet below antennas centerline .The maximum predicted power density level resulting from all Verizon operations directly in front of the antennas is 14637.83% of the FCC General Population limits (2927.566% of the FCC Occupational limits). Waterford Consultants, LLC recommends an RF Safety Plan for the Adjacent Utility Pole and RF alerting signage (Notice) posted on front and back sides of the pole 40' above ground level. Waterford Consultants, LLC recommends posting RF alerting signage (Notice, NOC, and Guidelines) at the Access Gate to the VZW Equipment visible upon approach that informs personnel accessing this area of basic precautions to be followed when working around antennas. This recommendation is depicted in Figures 3 & 3.1. Any work activity in front of transmitting antennas should be coordinated with Verizon Wireless.

The following plots show the cumulative spatial average predicted power density levels in the reference plane indicated as a percentage of the General Public Limits. Please note that 100% of the General Public Limits corresponds to 20% of the Occupational Limits.

All Transmitters



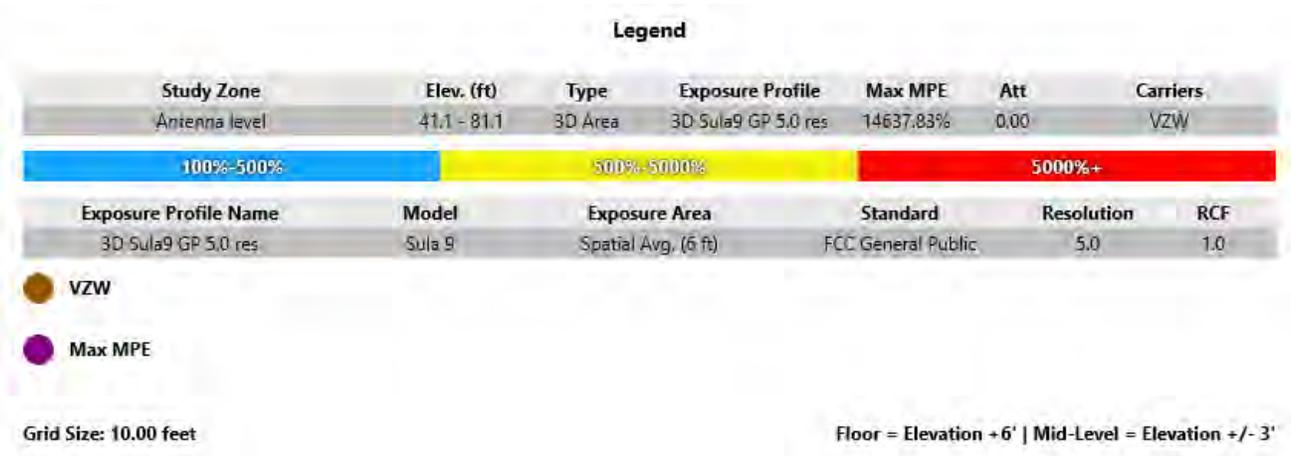


Figure 1.1: Antenna Level



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Tree 1	0.1 - 32.1	3D Area	3D FF GP 5.0 res	35.87%	0.00	VZW
Tree 2	0.1 - 30.1	3D Area	3D FF GP 5.0 res	24.66%	0.00	VZW
Utility Pole	0.2 - 49.2	3D Area	3D FF GP 5.0 res	154.39%	0.00	VZW

100%-500%	500%-5000%	5000%+
-----------	------------	--------

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Adjacent Roof 1	34.2	Floor	2D FFw/RC GP 0.5 res	61.69%	0.00	VZW
Adjacent Roof 2	22.2	Floor	2D FFw/RC GP 0.5 res	66.10%	0.00	VZW
Adjacent Roof 3	20.2	Floor	2D FFw/RC GP 0.5 res	31.63%	0.00	VZW
Adjacent Roof 4	20.1	Floor	2D FFw/RC GP 0.5 res	71.02%	0.00	VZW
Ground	0.1	Floor	2D FFw/RC GP 0.5 res	33.72%	0.00	VZW
Parking	49.2	Floor	2D Sula9 GP 0.5 res	267.45%	0.00	VZW

5%-100%	100%-500%	500%-5000%	5000%+
---------	-----------	------------	--------

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula9 GP 0.5 res	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.5	1.0
2D FFw/RC GP 0.5 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	0.5	1.6
3D FF GP 5.0 res	OET-65 Far Field	Spatial Avg. (6 ft)	FCC General Public	5.0	1.0

 VZW

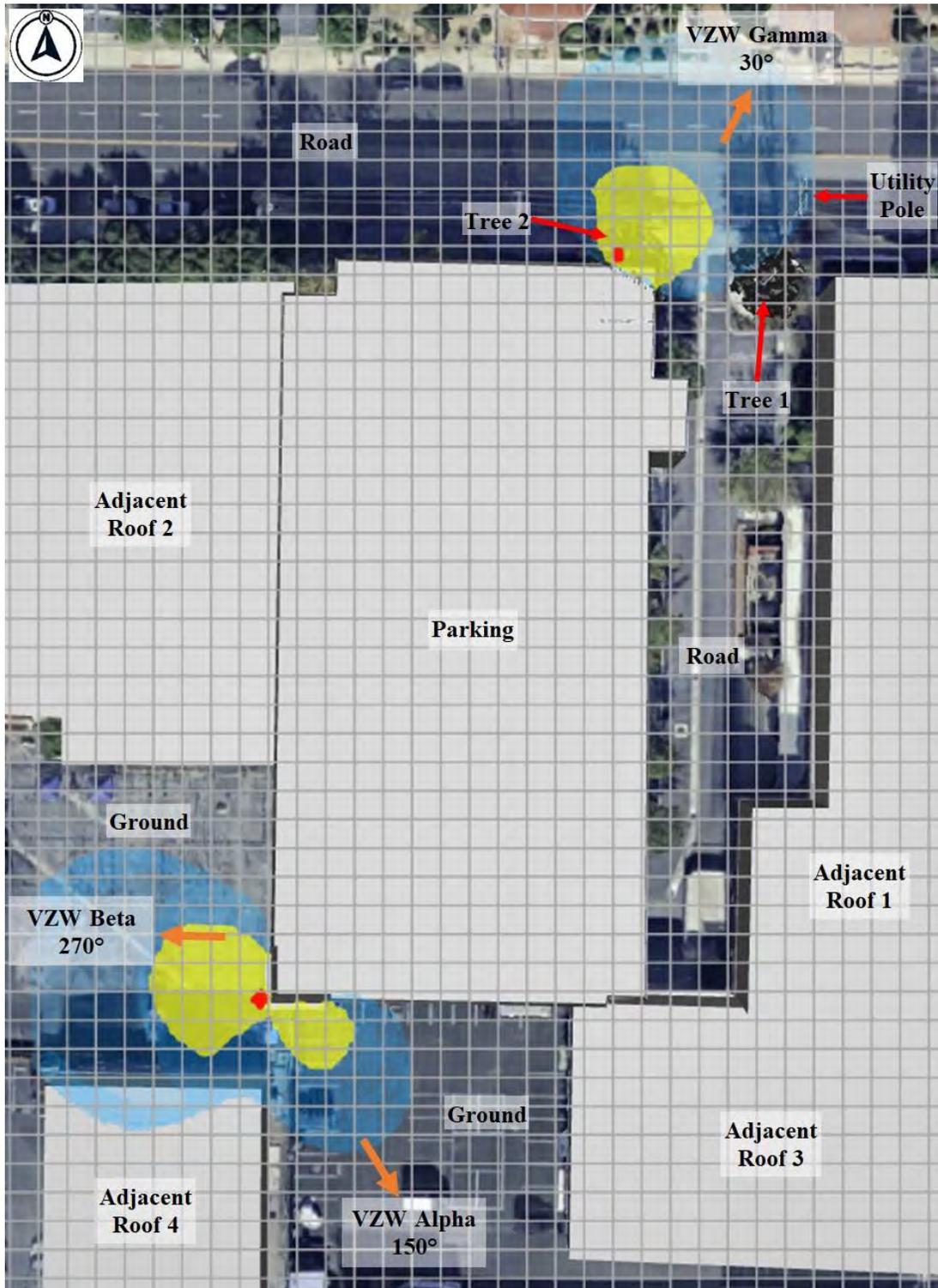
 Max MPE

Grid Size: 10.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

Figure 1.2: All Levels

Verizon Wireless Transmitters Only



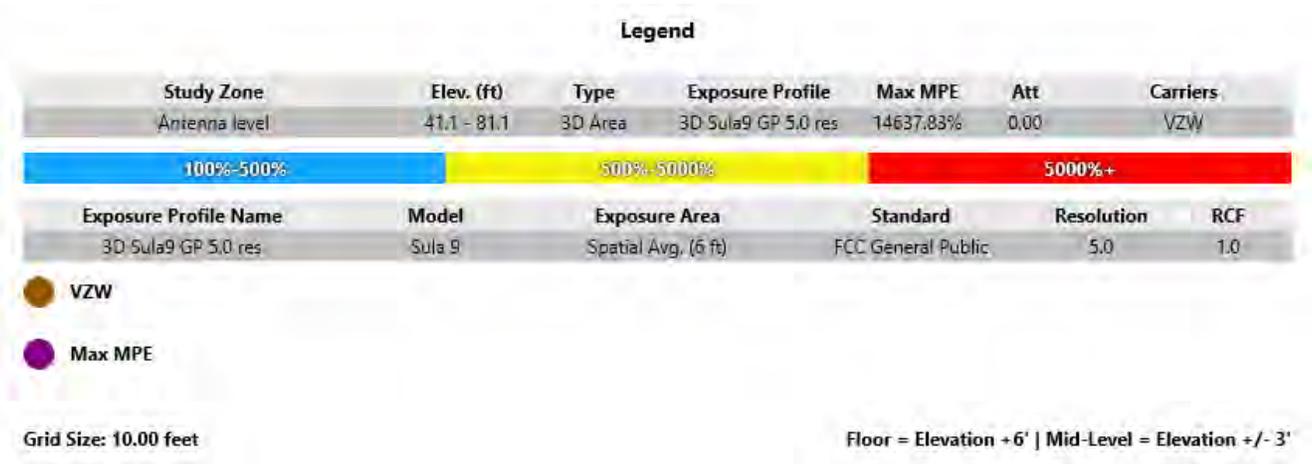


Figure 2.1: Antenna Level



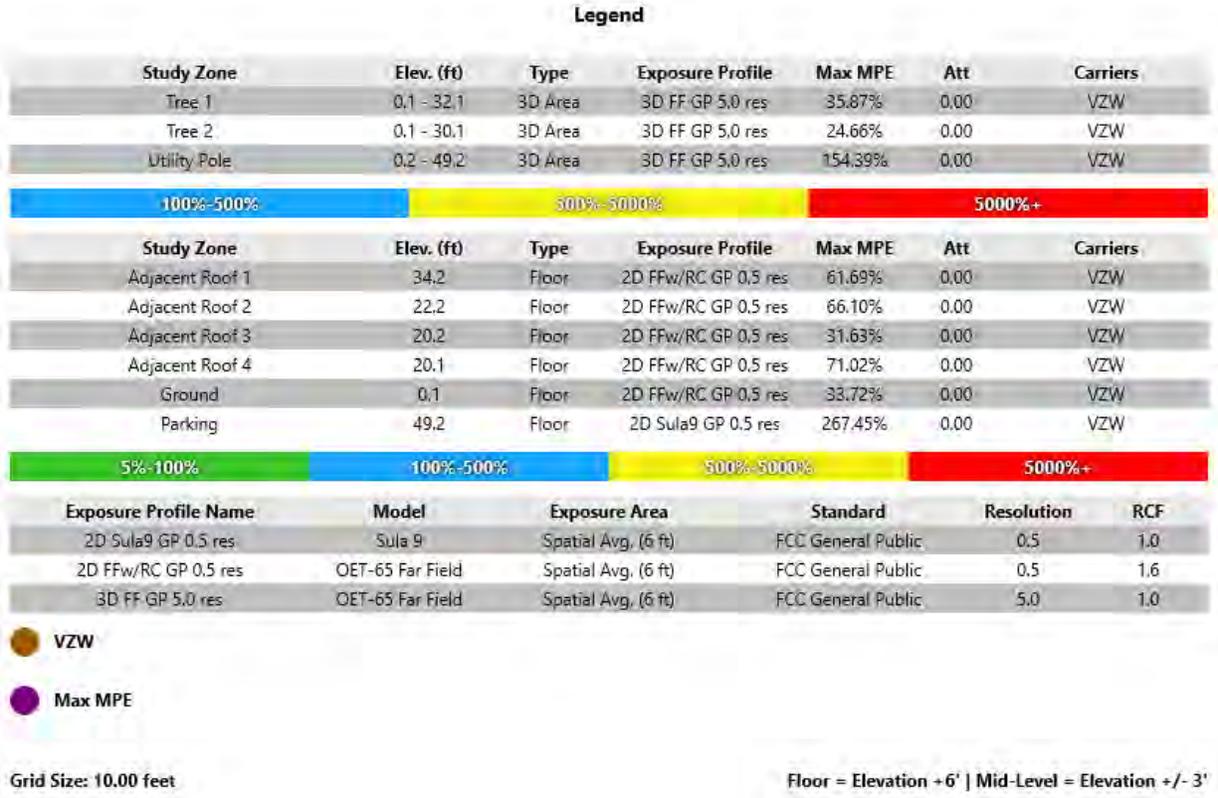
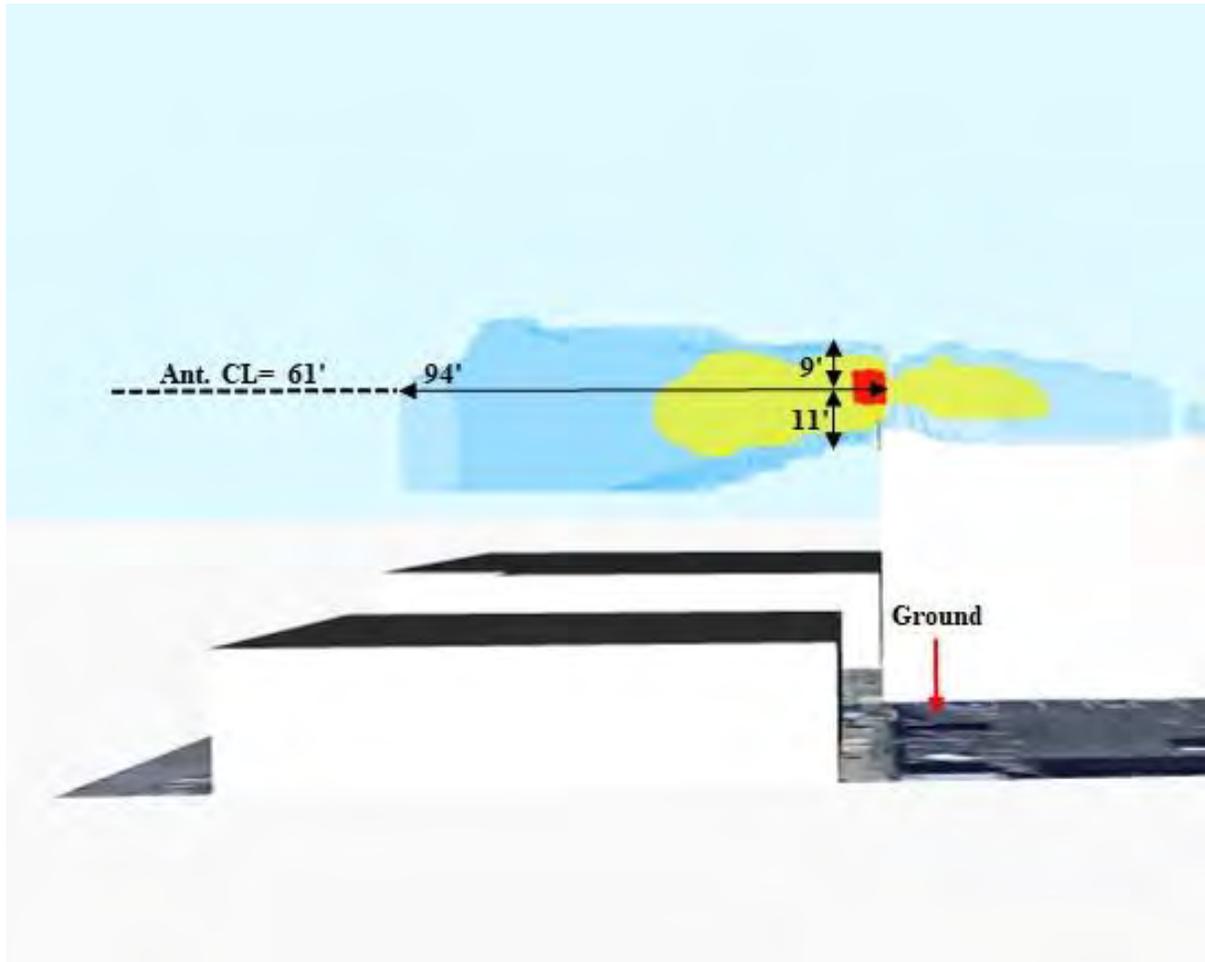


Figure 2.2: All Levels



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antenna level	41.1 - 81.1	3D Area	3D Sula9 GP 5.0 res	14637.83%	0.00	VZW

100%-500%	500%-5000%	5000%+
-----------	------------	--------

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
3D Sula9 GP 5.0 res	Sula 9	Spatial Avg, (6 ft)	FCC General Public	5.0	1.0

- VZW
- Max MPE

Grid Size: 10.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

Figure 2.3: Elevation Level

Compliance Requirement Diagram (Access Location)

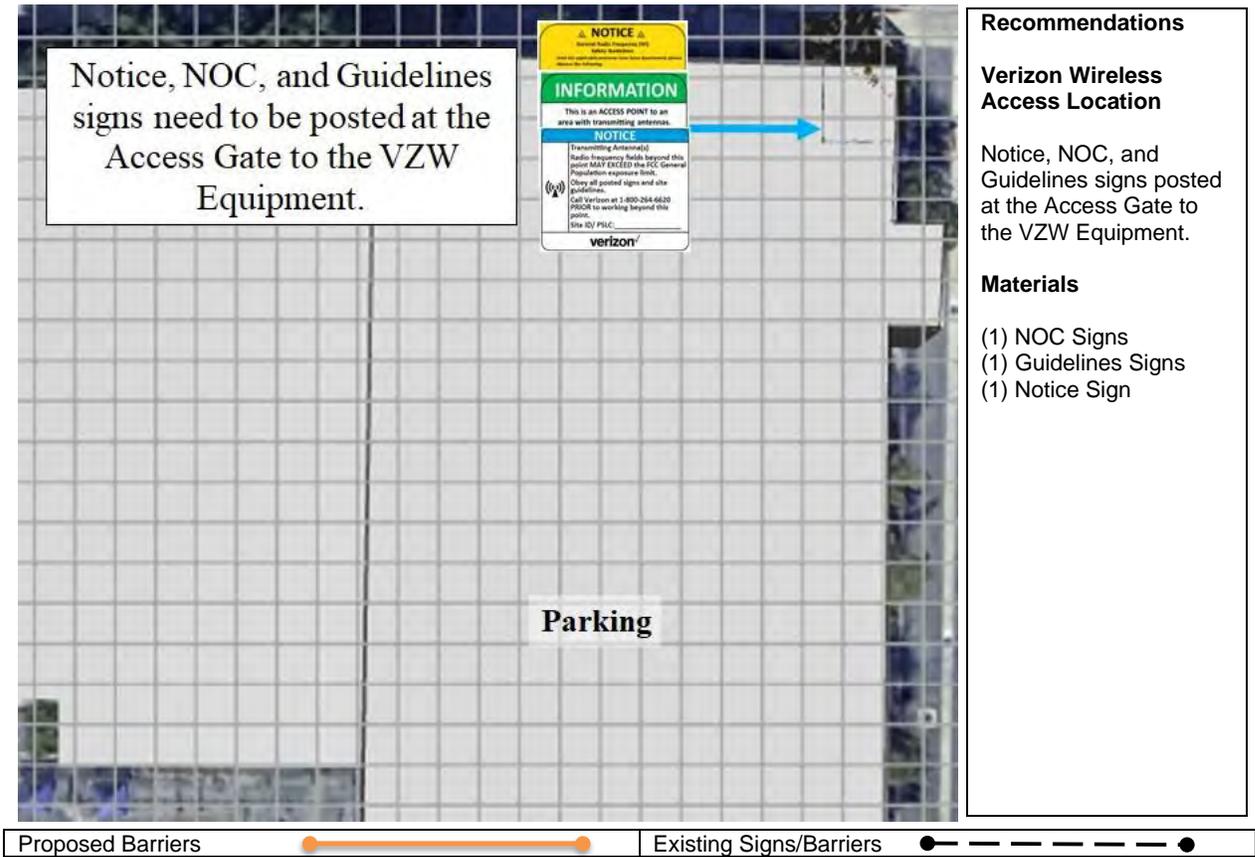


Figure 3: Mitigation Recommendations

Compliance Requirement Diagram (Utility Pole)

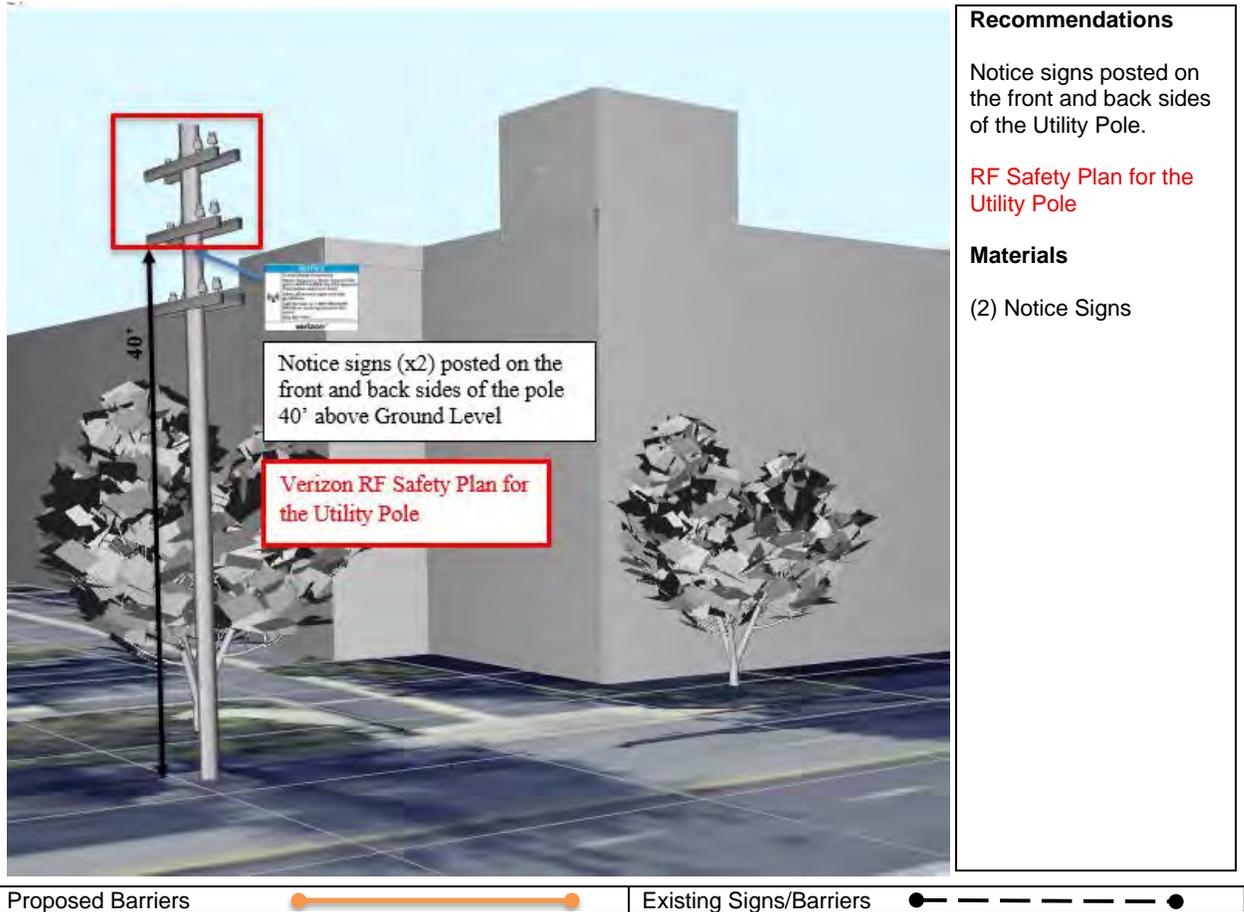


Figure 3.1: Mitigation Recommendations

Appendix A: Operating Parameters Considered in this Analysis

ID	Carrier NAME	Antenna Model	MDT (°)	Az (°)	Freq Band	EDT (°)	HBW (°)	VBW (°)	Paths	Transmit Power (W)	Total Power (W)	Gain (dBd)	ERP (W)	Loss (dB)	Antenna Centerline Ground Level (0ft)
A1	VZW	SON AIR6419	0	150	3700	SON	11	25	64	0.3125	20.00	23.45	4426.19	0.0	61.00
A2	VZW	SON AIR3268	0	150	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.0	58.00
A3	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
A3	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
A4	VZW	SON NHH-65C-R2B	0	150	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
A4	VZW	SON NHH-65C-R2B	0	150	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
A5	VZW	SON AIR3283	0	150	1900	SON	69	17	16	5	80.00	14.48	2244.35	0.0	61.00
A5	VZW	SON AIR3283	0	150	2100	SON	67	15	16	7.5	120.00	15.01	3803.47	0.0	61.00
A5	VZW	SON AIR3283	0	150	2100_3	SON	67	15	16	2.5	40.00	15.01	1267.83	0.0	61.00
B1	VZW	SON AIR6419	0	270	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.0	61.00
B2	VZW	SON AIR3268	0	270	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.0	58.00
B3	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
B3	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
B4	VZW	SON NHH-65C-R2B	0	270	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
B4	VZW	SON NHH-65C-R2B	0	270	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
B5	VZW	SON AIR3283	0	270	1900	SON	69	17	16	10	160.00	14.48	4488.69	0.0	61.00
B5	VZW	SON AIR3283	0	270	2100	SON	67	15	16	10	160.00	15.01	5071.31	0.0	61.00
B5	VZW	SON AIR3283	0	270	2100_3	SON	67	15	16	10	160.00	15.01	5071.31	0.0	61.00
G1	VZW	SON AIR6419	0	30	3700	SON	11	25	64	5	320.00	23.45	70818.96	0.0	61.00
G2	VZW	SON AIR3268	0	30	3500	SON	13	19	2	17	34.00	20.55	3859.05	0.0	58.00
G3	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
G3	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
G4	VZW	SON NHH-65C-R2B	0	30	700	SON	65	20	2	60	106.95	13.58	2438.82	0.5	61.00
G4	VZW	SON NHH-65C-R2B	0	30	850	SON	62	19	2	60	106.95	13.73	2524.53	0.5	61.00
G5	VZW	SON AIR3283	0	30	1900	SON	69	17	16	5	80.00	14.48	2244.35	0.0	61.00
G5	VZW	SON AIR3283	0	30	2100	SON	67	15	16	7.5	120.00	15.01	3803.47	0.0	61.00
G5	VZW	SON AIR3283	0	30	2100_3	SON	67	15	16	2.5	40.00	15.01	1267.83	0.0	61.00

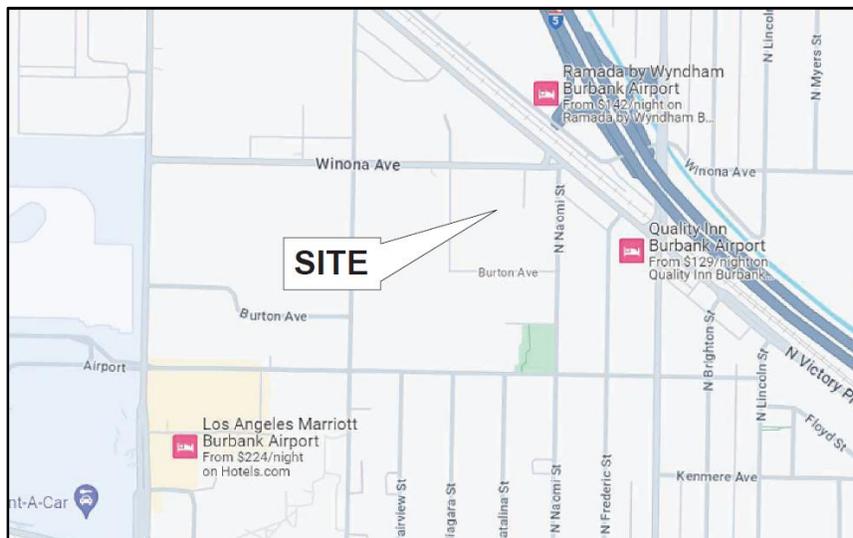
Exhibit 10.01

Noise Study Compliance Report

Site ID:	Verizon Wireless - Brighton
Market/Region:	City of Burbank
Zoning Code:	M – 2
Site Address:	2710 Winona Ave., Burbank, CA 91504
APN#:	2466-013-018
Latitude:	34.19837
Longitude:	-118.34130
Site Type:	Rooftop Wireless Facility
Date of Report:	06/13/2025

Statement of Compliance

The proposed equipment complies with City of Burbank noise limits.



Prepared by GenTech LLC



TABLE OF CONTENTS

Executive Summary _____ 3

Statement of Compliance and Noise Analysis _____ 3

Itemized Noise Calculations _____ 4

Conclusion _____ 5

Acoustical Analysis Methodology _____ 6

Preparer Certification _____ 11

EXECUTIVE SUMMARY

GenTech LLC has prepared this noise study compliance report for Verizon Wireless regarding site Brighton / 616718776. The site address is 2710 Winona Ave., Burbank, CA 91504. This project is for the installation of an unmanned telecommunications facility. The purpose of this report is to determine whether the proposed equipment within the scope of this study complies with City of Burbank Noise Standards.

These results are based on construction drawings dated 07/09/2024 as provided to GenTech LLC. Any changes to the equipment configuration or other material aspects of the site design may change the noise emission levels and therefore may change the compliance outcomes in this report. Any equipment listed in the construction drawings that is not listed in this report either is non-noise emitting or manufacturer noise specifications are unavailable and therefore cannot be accurately included in noise calculations.

STATEMENT OF COMPLIANCE AND NOISE ANALYSIS

After review of the site and proposed equipment and assuming complete accuracy and repeatability with respect to the manufactures’ specifications, the sum of the equipment to be deployed will not exceed the City of Burbank Noise Standards limit of 70 dBA.¹

9-3-208: MACHINERY, EQUIPMENT, FANS AND AIR CONDITIONING:

A. Decibel Limit: No person shall operate any machinery, equipment, pump, fan, air conditioning apparatus, or similar mechanical device in such a manner as to cause the ambient noise level to be exceeded by more than five (5) decibels. In the case of leaf blowers, as defined by Section 9-3-214 of this article, the ambient noise level may not be exceeded by more than twenty (20) decibels.

B. Ambient Noise Base Level: For the purposes of this section only, all ambient noise measurements shall commence at the following ambient noise base levels in the zones and during the times shown:

Base Levels	Time	Zone
45 dBA	Nighttime	Residential
55 dBA	Daytime	Residential
65 dBA	Anytime	Commercial
70 dBA	Anytime	All other zones

Accordingly, and by way of illustration, the ambient noise level in commercial zones shall be deemed to be sixty five (65) dBA notwithstanding a lower reading; provided, however, that when the ambient noise base level for the property on which the machinery, equipment, pump, fan, air conditioning apparatus or similar mechanical device is located is higher than the ambient noise base level for adjacent property, the ambient noise base level for the adjacent property shall apply. Properties separated by a street shall be deemed to be adjacent to one another.

¹ See CITY OF BURBANK MUNICIPAL CODE SECTION 9-3-208.

ITEMIZED NOISE CALCULATIONS

Equipment	Ericsson 4890 Radio
Quantity	3
Distance to Property Line	59 feet
Comparable Equipment	Ericsson RRU 4449
Comparable Equipment SPL	36 dBA at 3.3 feet
SPL at Property Line	22.27 dBA

Equipment	Ericsson 4490 Radio
Quantity	3
Distance to Property Line	59 feet
Comparable Equipment	Ericsson RRU 4449
Comparable Equipment SPL	36 dBA at 3.3 feet
SPL at Property Line	22.27 dBA

Equipment	COMMSCOPE NHH-65C-R2B Antenna
Quantity	6
Distance to Property Line	59 feet
Comparable Equipment	Ericsson AIR 6449
Comparable Equipment SPL	25 dBA at 3.3 feet
SPL at Property Line	14.28 dBA

Equipment	Equipment Cabinet
Quantity	2
Distance to Property Line	59 feet
Specified SPL	NA – Passive Equipment
SPL at Property Line	NA – Passive Equipment

Equipment	Polar Power 27 kw Natural Gas Generator
Quantity	1
Distance to Property Line	59 feet
Specified SPL	66 dBA at 23 feet
SPL at Property Line	47.5 dBA

Total Noise	47.53 dBA
Noise Zone	City of Burbank
Noise Limit	70 dBA
Compliance Outcome	Compliant

CONCLUSION

It is concluded that the proposed installation of the Verizon Wireless telecommunications facility is compliant with municipal noise standards of the City of Burbank. Due to the very low noise emissions, the proposed equipment should be imperceivable to the neighboring community and will not pose an acoustic nuisance.

ACOUSTIC ANALYSIS METHODOLOGY

Decibels (dB)

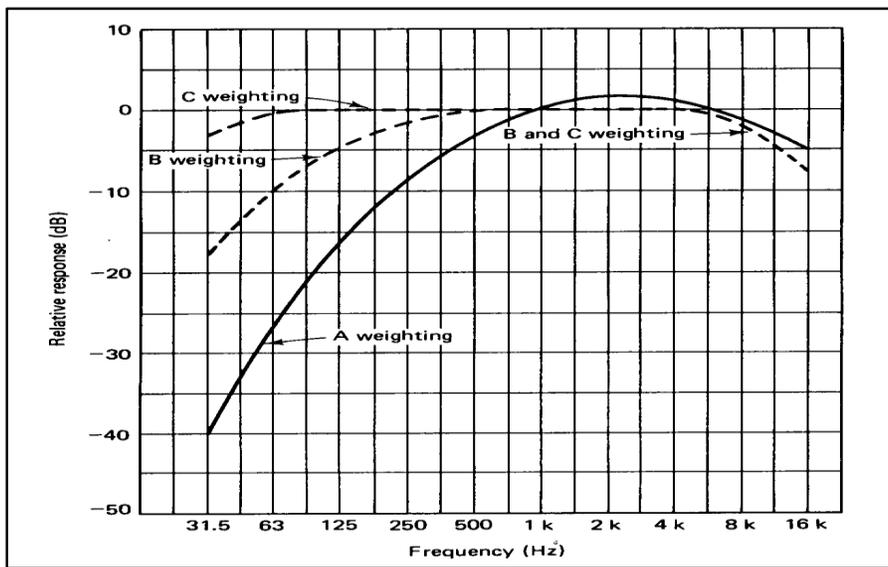
A decibel expresses a logarithmic ratio between a given value and a reference value. In the case of dB sound pressure level (SPL), the reference value is 20 micro Pascals, the threshold of human hearing. Although noise levels can vary depending on environmental conditions, representative levels are show below.

dba	Pascals	Source	Sensation
140	200	Jet Aircraft at 100'	Physical Pain
120	20	Thunder	Deafening
100	2	Discotheque	Very Loud
80	0.2	Cocktail Party	Loud
60	0.02	Noisy Home	Moderate
40	0.002	Quite Home	Faint
20	0.0002	Rustle of Leaves	Whisper
0	0.00002	Threshold of hearing	Whisper

dba

Most municipalities specify Sound Pressure Level (SPL) in units dBA. With respect to this methodology, dBA is defined as a Sound Pressure Level measurement expressed in decibels relative to 20 micro Pascal with an “A weighted” filter applied. An A weighted filter is designed to emulate a person’s sensitivity to sound pressure at a given frequency, therefore yielding better correlation between measurement and human perception.

Sound Level Meter Weightings



Sound Divergence

Single source SPL will decay in a free-field according to the inverse square law that states for every doubling of the distance from the sound source, a 6dB loss will incur. When the sound pressure level L_1 , at distance R_1 from a point source is known, the sound-pressure level L_2 at another distance R_2 is calculated by the following equation:

$$L_2 = L_1 - 20\log(R_2/R_1)^2$$

Example: If a noise source is 80 dBA at 1-meter distance, the level will be 74dB at 2 meters and 68dB at 4 meters distance from the source.

Summing Multiple Sound Sources

After the SPL of each individual source is calculated based on the listening position, the total SPL of multiple incoherent sound sources in a free-field is calculated by the following equation:

$$SPL_{total} = 10 \cdot \log_{10} \left(10^{\frac{L_1}{10}} + 10^{\frac{L_2}{10}} + \dots + 10^{\frac{L_n}{10}} \right)$$

Reference Table

Difference in dB between 2 sound sources	0	1	2	3	4	5	6	7	8	9	10
Added dB to the louder source	3.01	2.54	2.12	1.76	1.46	1.19	0.97	0.79	0.64	0.51	0.41

Example: 80 dBA + 85 dBA = 86.19 dBA

Transmission Loss

Transmission Loss (TL) is the loss as sound passes through a barrier. In particular, TL can be defined as the difference between SPL on the source side of the barrier and the receiver side of the barrier and is expressed in the equation below:

$$TL = SPL_{Source Side} - SPL_{Receiver Side}^4$$

Absorption Coefficient

Physical materials and barriers have absorption coefficients which describes the extent to which sound is attenuated when passing through the material. It is important to note the absorption coefficients (α) are based on a linear scale and TL values are based on a logarithmic scale. To unify both scales we define τ as the transmission coefficient, the amount of sound that passes through a material where $\tau = 1 - \alpha$. We relate τ to TL in the following equation:

$$TL = 10 \log (1/\tau)^5$$

Measurement Period

² See Everest & Pohlmann: MASTER HANDBOOK OF ACOUSTICS 5th edition.

³ See Tontechnik Rechner: Sengpielaudio.

⁴ See Everest & Pohlmann: MASTER HANDBOOK OF ACOUSTICS 5th edition.

⁵ See Everest & Pohlmann: MASTER HANDBOOK OF ACOUSTICS 5th edition.

There are various methods for acquiring sound measurements over a period of time. For the purposes of this methodology a linear time average or Leq is used in accordance with most municipalities. Leq is the equivalent continuous sound level in decibels, equivalent to the total sound energy measured over a stated period of time. LAeq is a linear time averaged measurement with an A weighted filter applied to the spectrum of the measurement.

Sound Transmission Class (STC)

Sound Transmission Class is a rating of sound isolation provided by ASTM E413 based on laboratory measurements performed in accordance with ASRM E90 that measures the extent that airborne sounds are attenuated as they pass from one side of a medium to another. For example, a masonry wall with an STC 40 will attenuate 40dB SPL on one side of the wall compared to the other side. STC ratings are important when selecting materials for implementing noise mitigation to bring projects into compliance.

Community Noise Equivalent Level (CNEL)

The Lden (Day Evening Night Sound Level) or CNEL (Community Noise Equivalent Level) is the average sound level over a 24 hour period, with a penalty of 5 dBA added for the evening hours or 7:00pm - 10:00pm, and a penalty of 10 dBA added for the nighttime hours of 10:00pm - 07:00am. CNEL is based on changes in a person’s sensitivity to environmental noise over a 24 hour period and represents a more anthropomorphized model for measuring noise with respect to how it affects people and communities. Since CNEL is based upon real-world measurement, certain situations only allow for calculating a theoretical CNEL figure. This process is based on a dBA figure (SPL calculated at the property line) applied to a simulated 24 hour measurement period to produce a CNEL figure. The figure is represented in “dBLden”

$$Lden = 10 \cdot \log_{10} \left(\frac{1}{24} \left(12 \cdot 10^{\frac{Lday}{10}} + 4 \cdot 10^{\frac{Levening + 5}{10}} + 8 \cdot 10^{\frac{Lnight + 10}{10}} \right) \right)$$

Ambient Noise

Ambient Noise is the naturally occurring noise level for a given environment. It is the sum of all baseline acoustic energy from non-determinant sources including: traffic, wind, public works, aircraft, property maintenance, public events, commercial processes etc. Ambient background noise in metropolitan, urbanized areas typically varies from 60 to 70 dB and can be as high as 80 dB or greater; quiet suburban neighborhoods experience ambient noise levels of approximately 45-50 dB (U.S. Environmental Protection Agency 1978).

Sound Power Level

Sound Power Level is the sum acoustical energy per unit area. It is expressed as Watts per square meter. Occasionally, manufacturers will provide noise specifications in Sound Power Level and a conversion to Sound Pressure Level (SPL) is required. This conversion is dependent on the distance to the sound source and the Directivity Factor (Q) of the noise source. The calculations within are based on a Directivity Factor Q=1 or full spherical (4Pi) propagation. The conversion is based on distance of 1 meter by which yields a SPL value at 1 meter. It is then possible to calculate Sound Divergence.

$$Lp = Lw - |10\log\left(\frac{Q}{4\pi r^2}\right)|$$

Calculated Noise Level

The noise level of single item based on a calculation that accounts for municipal code, equipment specifications and proposed installation conditions to derive a Sound Pressure Level (SPL) value of the given item or equipment. This value is typically represented as dBA or Lden (CNEL). Non-specified or off-plan equipment cannot be accurately factored into this calculation but may be estimated in a calculation if called for.

Total Noise

Total Noise is the logarithmic sum of individual Calculated Noise Levels minus any planned noise mitigation like acoustic barriers, equipment room or any other implementations that reduce overall noise levels. It describes the overall noise emitted from a site under previously mentioned factors such as municipal code, spacial clearance and installation conditions to derive a Total Noise Level. This figure is typically stated in dBA or Lden (CNEL). Non-specified or off-plan equipment cannot be accurately factored into this calculation but may be estimated in a calculation if called for.

Minimum Compliance Distance

The distance at which the noise level from the offending equipment or site is equal to the maximum allowable noise level per municipal noise ordinance. The presence of this figure varies from report to report and may not be included if it is not deemed necessary.

Noise Limit Delta (ΔNI)

This is the difference of the Total Noise (Nt) compared to the Noise Limit (NI) for a given municipality. This figure identifies how close the Total Noise is compared to the Noise Limit. A negative result means the Total Noise is under the Noise Limit. A positive figure means the Total Noise is over the Nois Limit.

$$\Delta NI = Nt - NI$$

Comparable Equipment SPL

In situations where the manufacturer does not provide noise specifications it may be elected by the Noise Study Team to perform a noise calculation using comparable Equipment specifications to provide a more accurate expectation of real-world noise levels. Comparable equipment is defined as alternative equipment that is as closely matched to the original equipment in class and performance as possible.

PREPARER CERTIFICATION

The scope of work of this report is limited to a noise study of the proposed wireless communications equipment to ensure the operation of the equipment will not produce environmental noise in excess of prescribed ambient noise level thresholds. The engineering and design of all related structures as well as the impact of the antennas on the structural integrity of the design are specifically excluded from the scope of work.

I have prepared and reviewed this noise study and believe it to be both true and accurate to the best of my knowledge.

Certified By: *Conor Watson*

Title: Conor Watson, Acoustic Engineer, Noise Study Certification Team