# CITY OF VINELAND, NJ

# RESOLUTION NO. 2021-189

A RESOLUTION AUTHORIZING THE EXECUTION OF AMENDMENT NUMBER TWO TO THE CELLULAR COMMUNICATIONS LEASE AGREEMENT BY AND BETWEEN THE CITY OF VINELAND AND SPRINT SPECTRUM, L.P. FOR COMMUNICATIONS ANTENNA ARRAY LOCATED AT THE BUTLER AVENUE WATER TOWER.

WHEREAS, the City Council of the City of Vineland (hereinafter "City") has previously adopted an Ordinance authorizing the execution of a Lease Agreement dated June 6, 2001, with Sprint Spectrum, L.P. (hereinafter "Sprint") for lease of a portion of City owned property located at 382 W. Butler Avenue, Vineland, NJ, Block 7002, Lot 42, and Sprint Spectrum has since merged with T-Mobile (hereinafter "T-Mobile/Sprint" or "Carrier"); and

WHEREAS, the Carrier, T-Mobile/Sprint, has requested an amendment to the Agreement to permit the Carrier to add, modify and/or replace equipment in order to be in compliance with any present federal, state or local mandated application, including but not limited to emergency 911 communication services; and

WHEREAS, in consideration of the aforementioned modification, the Carrier shall pay a monthly rental increase of Two Hundred (\$200.00) Dollars; and

WHEREAS, the Superintendent of the Water Utility has recommended the execution of this Amendment; and

WHEREAS, the City Council finds it to be in the best interests of the City to authorize the amendment.

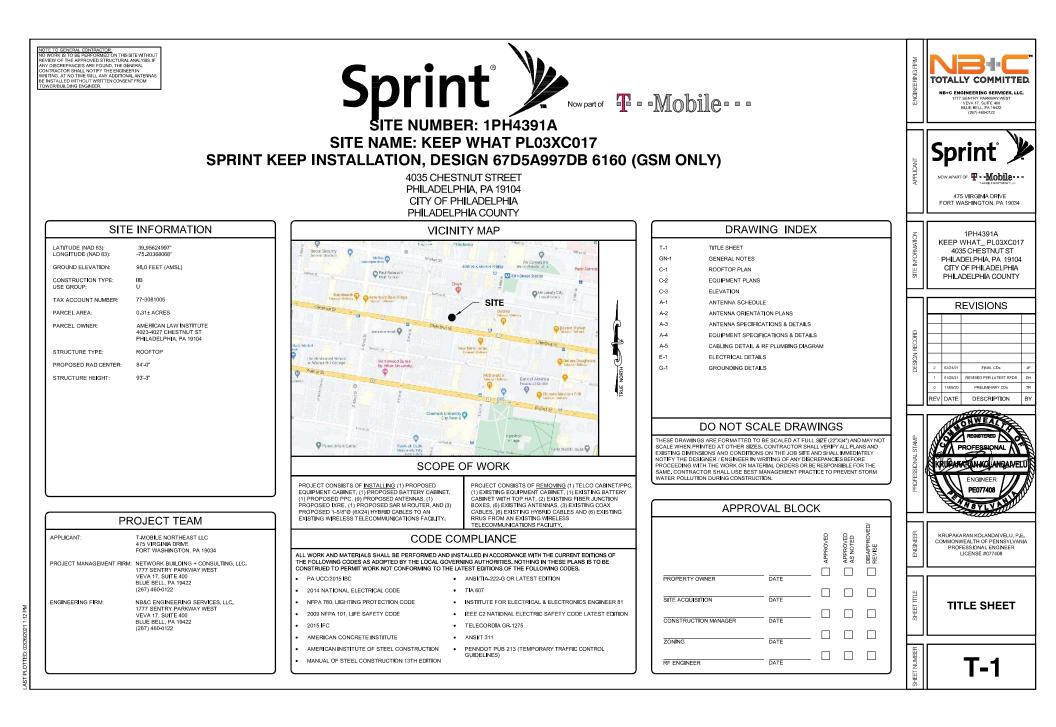
NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Vineland that the Mayor and City Clerk are authorized to execute Amendment Number Two to Lease Agreement with the Carrier, T-Mobile/Sprint, for Communication Antenna located at 382 Butler Avenue Water Tower in the form and substance attached hereto (see Exhibit A) and made a part hereof.

Adopted:

President of Council

ATTEST:

City Clerk



#### ELECTRICAL & GROUNDING NOTES

- 1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
- 2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.
- 3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.
- 4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
- ELECTRICAL AND TELCO WIRING AT EXPOSED INDOOR LOCATIONS SHALL BE IN ELECTRICAL METALLIC TUBING OR RIGID NONMETALLIC TUBING (RIGID SCHEDULE 40 PVC OR RIGID SCHEDULE 80 PVC FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) (AS PERMITED BY CODE).
- 6. ELECTRICAL AND TELCO WIRING AT CONCEALED INDOOR LOCATIONS SHALL BE IN ELECTRICAL AFTALLIC TUBING, FLECTRICAL NONMETALLIC TUBING, OR RIGID NONMETALLIC TUBING (RIGID SCHEDULE 40 PVC AS PERMITTED BY CODE).
- 7. ELECTRICAL AND TELCO WIRING OUTSIDE A BUILDING, ABOVE GRADE AND EXPOSED TO WEATHER SHALL BE IN WATER TIGHT GALVANLED RIGID STELL CONDUTS (RGS) AND WHERE REQUIRED IN LIQUID FIGHT FLEXBLE WETAL OR NONMETALLIC CONDUTS.
- 8. BURIED CONDUIT SHALL BE RIGID NONMETALLIC CONDUIT (RIGID SCHEDULE 40 PVC): DIRECT BURIED IN AREAS OF OCCASIONAL LIGHT TRAFFIC, ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT SHALL BE USED INDOORS AND OUTDOORS IN AREAS WHERE VIBRATION OCCURS AND FLEXIBILITY IS NEEDED.
- 10, ELECTRICAL WIRING SHALL BE COPPER WITH TYPE THHN, THWN-2, OR THIN INSULATION,
- 11. RUN ELECTRICAL CONDUIT OR CABLE BETWEEN ELECTRICAL UTILITY DEMARCATION POINT AND ROLE CONVER CELL SITE PPC AS INDICATED ON THIS DRAWING, PROVIDE FULL LENGTH PULL ROPE, COORDINATE INSTALLATION WITH UTILITY COMPANY.
- 12. RUN TELCO CONDUIT OR CABLE BETWEEN TELEPHONE UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE TELCO CABINET AND BTS CABINET AS INDICATED ON THIS DRAWING PROVIDE FULL LENGTH PULL ROPE IN INSTALLED TELCO CONDUIT. PROVIDE GREENLEE CONDUIT MEASURING TAPE AT EACH END
- 13. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.
- 14. GROUNDING SHALL COMPLY WITH NEC ART. 250. ADDITIONALLY, GROUNDING, BONDING AND LIGHTING PROTECTION SHALL BE DONE IN ACCORDANCE WITH T-MOBILE CELL SITE GROUNDING STANDARDS.
- 15. GROUND CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.
- 16. INSTALL #2 AWG GREEN-INSULATED STRANDED WIRE FOR ABOVE GRADE GROUNDING AND #2 BARE TINNED COPPER WIRE FOR BELOW GRADE GROUNDING UNLESS OTHERWISE NOTED.
- 17 ALL POWER AND GROUND CONNECTIONS TO BE CRIMP-STYLE COMPRESSION WIRE LLICS AND ALL POWER AND GROUND CONNECTIONS TO BE CRIME-STILE, COMPRESSION WIRE DOS AND WIRE NUTS BU HARGER (OR APPROVED EQUAL) RATED FOR OPERATION AT NO LESS THAN 75°C OR CADWELD EXOTHERMIC WELD, DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.
- 18. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. ROUTE OKOUNUNG CUMULCIONS ALUNG THE SHORTESI AND STRAUGHEST PAIN POSSIBLE, EXCEPT AS OTHERWISE INDICATED. OROUNDING LEADS SHOLLD, INVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS, 46 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY UFALL OBJECTS WITHIN 6 FEET OF PROJECT OWNER EQUIPMENT OR CABINET TO MASTER GROUND BAR OR GROUNDING RING.
- 19. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
- 20. APPLY OXIDE INHIBITING COMPOUND TO ALL MECHANICAL GROUND CONNECTIONS.
- 21. CONTRACTOR SHALL PROVIDE AND INSTALL OWNI DIRECTIONAL ELECTRONIC MARKER SYSTEM (EVS) BALLS OVER EACH GROUND ROD AND BONDING POINT BETWEEN EXISTING TOWER/ MONPOPLE GROUNDING RING AND EQUIPMENT GROUNDING RING.
- 22 CONTRACTOR SHALL TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION. 5 OHMNS MINIMUM RESISTANCE REQUIRED
- 23. CONTRACTOR SHALL CONDUCT ANTENNA, CABLE, AND LNA RETURN-LOSS AND DISTANCE-TO-FAULT MEASUREMENTS (SWEEP TESTS) AND RECORD RESULTS FOR PROJECT CLOSE OUT
- 24. THE T-MOBILE ELECTRICAL EQUIPMENT INCLUDING PANEL, SWITCH GEAR AND DISCONNECT ARE TO BE LABELED WITH ENGRAVED BAKELITE LABELS.

### GENERAL NOTES

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITIES COMPANY OR OTHER PUBLIC AUTHORITIES.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- 3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER. IN WRITING, OF ANY CONFLICTS, ERRORS OF OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK. MINOR OMISSIONS OR ERRORS IN THE BID DOCUMENTS SHALL NOT RELEVE THE CONTRACTOR FROM RESPONSIBILITY FOR THE OVERALL INTENT OF THESE DRAWINGS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACILITY
- 5. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MAUNFACTURER'S RECOMMENDATIONS.
- 6. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 7. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTH WITH RF ENGINEERING PRIOR TO
- 8. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
- 9. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO
- 10. IF ANY UNDERGROUND UTILITIES OR STRUCTURES EXIST BENEATH THE PROJECT AREA, CONTRACTOR MUST LOCATE IT AND CONTACT THE APPLICANT & THE OWNER'S REPRESENTATIVE.
- 11 OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY 2 TIMES PER MONTH.
- 12. PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY.
- 13. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD
- 14. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORMWATER RUNOFF. FORE, NO DRAINAGE STRUCTURES ARE PRO
- 15. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
- 16. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED)
- 17. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.

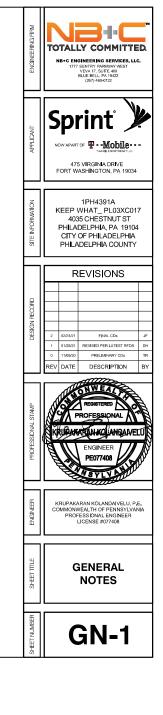
18. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.

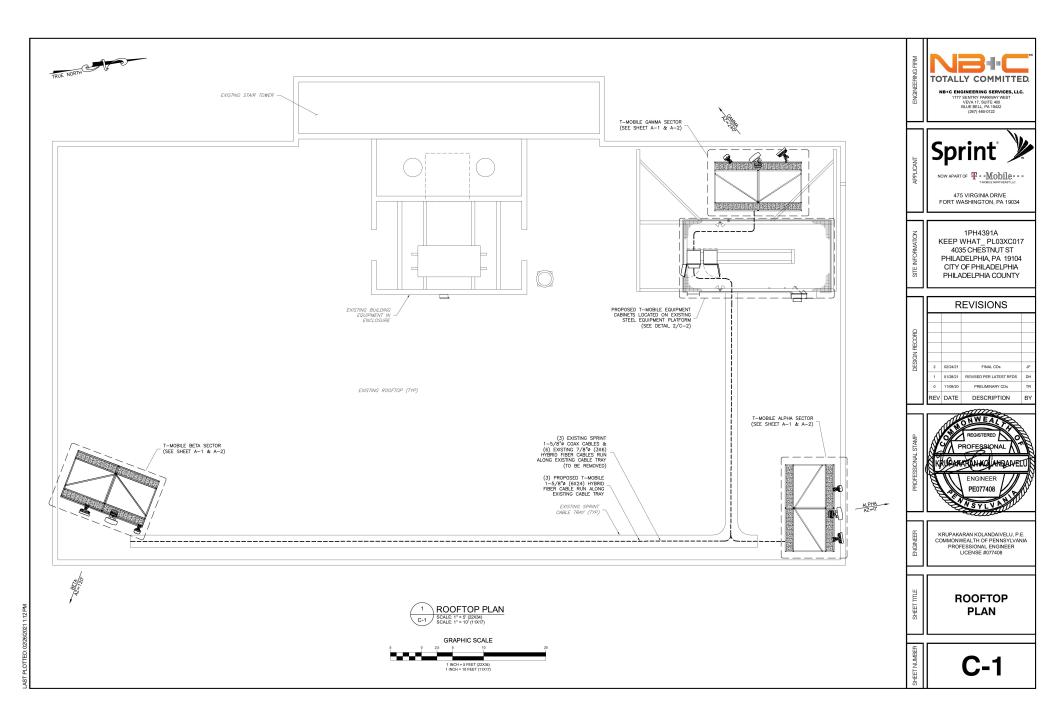
### STRUCTURAL NOTES

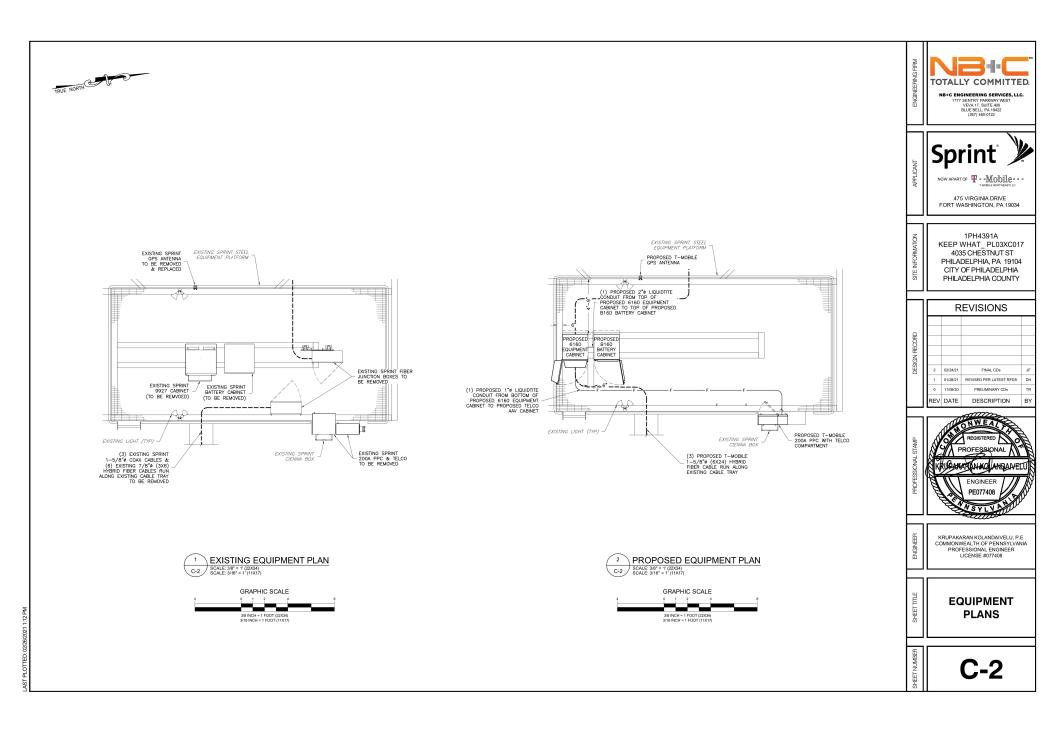
- THE STRUCTURAL STEEL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ANCHOR BOLT LOCATIONS, ELEVATION OF TOP OF CONCRETE AND BEARING PLATES, ALIGNMENT ETC. PRIOR TO START OF STEEL ERECTION.
- 2. THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS SHALL GOVERN:
- AISC ALLOWABLE STRESS DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS". AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". AWS "OLI STRUCTURAL WELDING CODE STEEL".
- 3. MATERIAL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

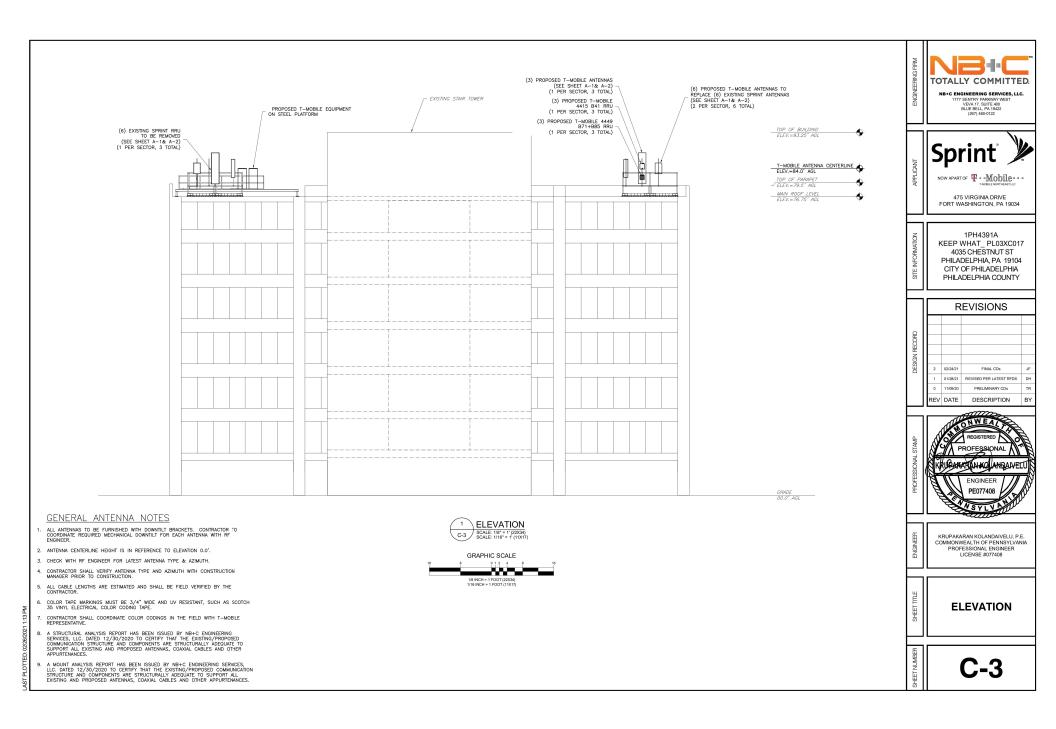
STRUCTURAL WIDE FLANGE & M SHAPES	A992 OR A572 FY = 50KSI
OTHER STRUCTURAL SHAPES AND PLATES A500, GRADE B	A36, FY = 36 KSI STRUCTURAL TUBING
	FY = 46 KSI
HIGH STRENGTH BOLTS	A325
THREADED RODS	A354, GRADE BC
ANCHOR BOLTS	A325 OR A354 BC
PIPE (HANDRAIL)	SCH 40 PIPE

- 4. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED PROVIDE CONTINUOUS MINIMUM SIZED FILLET WELDS PER AISC REQUIREMENTS.
- HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED. ALL HOLES IN BEARING PLATES SHALL BE DRILLED.
- 6. ALL STEEL TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
- 7. EPOXY ANCHORS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 8. ALL BOLTS SHALL BE TIGHTENED USING TURN-OF-THE-NUT METHOD PER AISC SPECIFICATIONS USING STANDARD HOLES.
- 9. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND FIT PRIOR TO FABRICATION.









ENGINEERING FIRM	NB-C ENGINEERING SERVICE, LU TOTALLY COMMITTED. NB-C ENGINEERING SERVICE, LU VEX IT SUFFE AG UST HEAD TO UST HEAD								
APPLICANT	Sprint V								
SITE INFORMATION	1PH4391A KEEP WHAT_PL03XC017 4035 CHESTNUT ST PHILADELPHIA, PA 19104 CTTY OF PHILADELPHIA PHILADELPHIA COUNTY								
DESIGN RECORD	REVISIONS           2         2           1         01/2021           1         01/2021           1         01/2021           1         01/2021           1         01/2021           1         01/2021           1         01/2021           0         1/6020           1         01/2021           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         1/6020           0         0           0         0           0         0           0         0           0         0           0         0								
PROFESSIONAL STAMP	PROFESSIONAL PROFE								
ENGINEER	KRUPAKARAN KOLANDAIVELU, P.E. COMMONWEALTH OF PENNSYLVANIA PROFESSIONAL ENGINEER LICENSE #077408								
SHEET TITLE	ANTENNA SCHEDULE								
SHEET NUMBER	A-1								

	ANTENNA SCHEDULE												
SECTOR	STATUS	TECHNOLOGY	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA DIMENSIONS (HxWxD)	RAD CENTER	AZIMUTH	ELEC DOWNTILT	MECH DOWNTILT	RRU QUANTITY & MODEL	TMA/DIPLEXER QUANTITY & MODEL	CABLE QUANTITY & TYPE	CABLE LENGTH
A1	PROPOSED	L2100 L2100 G1900 G1900 L1900 L1900	ERICSSON	AIR32 KRD901146-1_866A_82A	56.60"x12.90"x8.70"	84.00'	0*	2./2./2./2.	ď	-	-		
A2	PROPOSED	L700 L600 L1900 L1900	RFS	APXVAALL24_43-U-NA20	95.90 <sup>*</sup> x24.00 <sup>*</sup> x8.50*	84.00'	0*	2/2	ď	<ol> <li>PROPOSED T-MOBILE 4415 B25 RRU         <ol> <li>PROPOSED T-MOBILE 4449 B71+B85 RRU         </li></ol> </li> </ol>	-	(1) PROPOSED 1-5/8"ø (6x24) HYBRID CABLE	80'±
A3	PROPOSED	L2500+N2500 L2500+N2500	ERICSSON	AIR6449_B41	33.00"x20.60"x8.60"	84.00'	0°	2 / 2	0.	-	-		
B1	PROPOSED	L2100 L2100 G1900 G1900 L1900 L1900	ERICSSON	AIR32 KRD901146-1_866A_82A	56.60"x12.90"x8.70"	84.00'	120	2'/2'/2'/2'	0*	-	-		ľ
B2	PROPOSED	L700 L600 L1900 L1900	RFS	APXVAALL24_43-U-NA20	95.90 <sup>*</sup> x24.00 <sup>*</sup> x8.50*	84.00'	120'	2/2	o	<ol> <li>PROPOSED T-MOBILE 4415 B25 RRU</li> <li>PROPOSED T-MOBILE 4449 B71+B85 RRU</li> </ol>	-	(1) PROPOSED 1-5/8"ø (6x24) HYBRID CABLE	200'±
В3		L2500+N2500 L2500+N2500	ERICSSON	AIR6449_B41	33.00"x20.60"x8.60"	84.00'	120'	2'/2	0.	-	-	]	1
			<u></u>	<u> </u>	<u></u>								
C1	PROPOSED	L2100 L2100 G1900 G1900 L1900 L1900	ERICSSON	AIR32 KRD901146-1_B66A_B2A	56.60"x12.90"x8.70"	84.00'	240*	2'/2'/2'/2	0°	-	-		
C2	PROPOSED	L700 N600 L600 L1900 L1900	RFS	APXVAALL24_43-U-NA20	95.90"x24.00"x8.50"	84.00'	240'	2/2	0'	<ol> <li>PROPOSED T-MOBILE 4415 B25 RRU         <ol> <li>PROPOSED T-MOBILE 4449 B71+B85 RRU         </li></ol> </li> </ol>	-	(1) PROPOSED 1-5/8"ø (6x24) HYBRID CABLE	60'±
C3	PROPOSED	L2500+N2500 L2500+N2500	ERICSSON	AIR6449_B41	33.00"x20.60"x8.60"	84.00'	240'	2'/2'	0.	-	-	]	

NOTES: 1. FLANS PREPARED PER RF SHEET DATED 12/11/2020. CONTRACTOR TO VERIFY PROPOSED ANTENNA INFORMATION IS THE MOST CURRENT DATA AT TIME OF CONSTRUCTION. 2. CONTRACTOR TO CONFIRM CABLE LENGTHS PRIOR TO CONSTRUCTION.



