NOT A PART OF THE CONTRACT AND IS FOR COUNTY USE ONLY



Contract	Number
13-42	9 A-2

SAP Number

Real Estate Services Department

Department Contract RepresentativeTerry W. Thompson, DirectorTelephone Number(909) 387-5000

Los Angeles SMSA Limited Contractor Partnership dba Verizon Wireless Lysa Horn-Lyle Company **Contractor Representative Telephone Number** (916) 266-7051 7/1/2013 – 1/31/2030 **Contract Term** \$226,639.04 **Original Contract Amount Amendment Amount** \$233,947.88 **Total Contract Amount** \$460.586.92 Cost Center 7810001000 **Grant Number (if applicable)**

IT IS HEREBY AGREED AS FOLLOWS:

WHEREAS, San Bernardino County as licensor ("COUNTY") and Los Angeles SMSA Limited Partnership as licensee ("LICENSEE"), have previously entered into a License Agreement, Contract NO. 13-429 dated June 25, 2013 and amended by the First Amendment dated November 6, 2018 ("the License") wherein COUNTY agreed to license certain premises to LICENSEE, which License expired on October 31, 2023 and which has continued on a month-to-month term; and,

WHEREAS, following a permitted eight-month holdover of the License on the same terms and conditions with COUNTY's consent, the COUNTY and LICENSEE desire now to amend the License to extend the term of the License five years for the period of February 1, 2025 through January 31, 2030, expand the size of the Premises by approximately 130 square feet, allow for the collocation of Dish Wireless L.L.C. wireless communication equipment within the expanded non-exclusive Premises, adjust the license fee, and amend certain other provisions of the License, as more specifically set forth in the amendment ("Second Amendment"); and,

WHEREAS, Dish Wireless L.L.C., as sublicensee, collocation of wireless communication equipment within the expanded premises, as depicted on Exhibit B-1 attached hereto, shall be subject to all the same term s and conditions of this License and any of its amendments, and LICENSEE shall be directly responsible and liable to COUNTY for Dish Wireless L.L.C's construction, installation, use, operation, interference, maintenance, and removal of equipment, and LICENSEE and/or American Tower (as defined below) shall provide insurance and indemnification for the same; and,

WHEREAS, LICENSEE, Verizon Communications Inc., a Delaware corporation, and other parties identified therein, entered into a Management Agreement and a Master Prepaid Lease, both with an effective date of March 27, 2015 and both with ATC Sequoia LLC, a Delaware limited liability company ("*American Tower*"), pursuant to which American Tower subleases, manages, operates and/or maintains, as applicable, the Licensed Premises, all as more particularly described therein; and

WHEREAS, LICENSEE has granted American Tower a limited power of attorney (the "*POA*") to, among other things, prepare, negotiate, execute, deliver, record and/or file certain documents on behalf of LICENSEE, all as more particularly set forth in the POA; and

NOW, THEREFORE, in consideration of mutual covenants and conditions, the parties hereto agree that the above recitals are incorporated herein, and the License is amended as follows:

- 1. Pursuant to **Paragraph 13, HOLDING OVER** of the License, LICENSEE shall, with COUNTY's express consent granted herein, occupy the Premises on a holdover tenancy for the period of November 1, 2023 through January 31, 2025. COUNTY and LICENSEE acknowledge and agree that for the period of November 1, 2023 through April 2024, LICENSEE has paid monthly license fees at a monthly rate of \$2,134.97, and for the period of May 31, 2024 through January 31, 2025, LICENSEE has paid monthly license fees at a monthly rate of \$3,202.46.
- 2. Effective February 1, 2025 in addition to the existing Premises of approximately 542 square feet of land ("Existing Premises"), COUNTY hereby licenses to LICENSEE additional premises of approximately 130 square feet for a total of approximately 672 square feet ("Expanded Premises"). The Expanded Premises are more specifically described on Exhibit B-1 attached hereto and made a part hereof. LICENSEE may use the Expanded Premised in the same manner pursuant to **Paragraph 1., USE** of the License. COUNTY and LICENSEE acknowledge and agree that the license fee for the expanded Premises shall be an additional \$800.00 per month (the "Additional Fee") to the Fees as more particularly set forth in **Paragraph 4., FEES** below. LICENSEE shall commence payment of the Additional Fee on July 1, 2025; provided that LICENSEE shall install, operate and maintain thereon only LICENESEE's authorized equipment as set forth in Exhibit B-1. Following the first payment of Additional Fee, Premises shall collectively include the Existing Premises and the Expanded Premises. COUNTY hereby grants to LICENSEE its officers, agents, employees, customers, and/or independent contractors the right and privilege to Expanded Premises at any time on or after the Effective Date, to perform or cause to be performed test borings of the soil, environmental audits, sampling, and/or tests, engineering studies.
- 3. Effective February 1, 2025, pursuant to **Paragraph 3, OPTION TO EXTEND TERM**, DELETE in its entirety **Paragraph 2., TERM** and SUBSTITUTE therefore a new **Paragraph 2., TERM**, which shall read as follows:
 - "2. **TERM:** The term of this License shall be extended an additional five years ending on January 31, 2030 ("Second Extended Term")."
- 4. Effective February 1, 2025, DELETE in its entirety **Paragraph 3.A.**, and SUBSTITUTE therefore a new **Paragraph 3.A. OPTION TO EXTEND TERM**, which shall read as follows:

"3. OPTION TO EXTEND TERM:

A. COUNTY gives LICENSEE the option to extend the term of the License on the same provisions and conditions, except for the annual fee for one (1) five (5)-year period singularly referred to as "extended term" following the expiration of the Second Extended Term, by LICENSEE giving written notice of exercise of the option to COUNTY at least one (1) year prior to the expiration of the preceding term, and by complying with all terms, stated herein or other requirements for the continued use of the Premises. The annual fee for each extended term shall be reestablished in accordance with **Paragraph 5., FEE ADJUSTMENTS**. If however, at the time of exercise of the option, LICENSEE is in default with respect to any of the terms, covenants, or conditions to be observed or performed by LICENSEE hereunder, the exercise of the option shall

be invalid. Further, if Licensee is in default on the date an extended term is to commence, the extended term will not commence and this License will expire at the end of the existing term. Upon proper exercise of the option and agreement to the monthly License Fee, the COUNTY will prepare an amendment to this License for approval and execution by LICENSSE and the Board of Supervisors. The COUNTY shall prepare and provide the amendment for approval and execution by LICENSEE and the Board of Supervisors within sixty (60) days of COUNTY's receipt of LICENSEE's notice to extend. Failure of the LICENSEE to execute the amendment within thirty (30 days of receipt by LICENSEE shall be deemed a rejection of the COUNTY's offer to extend the term of the License and the License and the License will expire at the end of the existing term unless the COUNTY extends the above-referenced time period in writing."

5. Effective February 1, 2025, DELETE the existing **Paragraph 4., FEES** and SUBSTITUTE therefore a new **Paragraph 4., FEES**, which shall read as follows:

"4. **FEES:**

A. LICENSEE shall pay to COUNTY the following monthly license fee payments in advance commencing February 1 of each year, commencing when the Second Extended Term commences and continuing on each February 1 thereafter, in amount pursuant to **Paragraph 5. FEE ADJUSTMENTS**, throughout the Second Extended Term, as more specifically set forth below:

Year	Monthly License Fee
* November 1, 2023 - April 30, 2024	\$2,134.97
* May 1, 2024 - January 31, 2025	\$3,202.46
February 1, 2025 - June 30, 2025	\$2,220.27
July 1, 2025 - January 31, 2026	\$3,020.27
February 1, 2026 - January 31, 2027	\$3,141.18
February 1, 2027 - January 31, 2028	\$3,266.82
February 1, 2028 - January 31, 2029	\$3,397.49
February 1, 2029 - January 31, 2030	\$3,533.90

^{*} Holdover Period

- B. If any fee is not paid when due and payable, LICENSEE SHALL PAY TO county AND ADDITIONAL Twenty-five and 00/100 Dollars (\$25.00) for each fee due as an administrative processing charge. The parties agree that this late charge represents a fair and reasonable estimate of the costs that COUNTY will incur by reason of late payment by LICENSEE. Acceptance of any late charge shall not constitute a waiver of LICENSEE's default with respect to the overdue fees or other sums due or prevent COUNTY from exercising any of the other rights and remedies available to COUNTY. Fees not paid when due shall bear simple interest from date due at the rate of one and one-half percent (1 ½ %) per month."
- 6. Effective February 1, 2025 ADD a new **Paragraph 40, CAMPAIGN CONTRIBUTION DISCLOSURE (SB1439)** and **Exhibit "D", Campaign Contribution Disclosure Senate Bill 1439** incorporated and attached herein, which shall read as follows:
 - "40. <u>CAMPAIGN CONTRIBUTION DISCLOSURE (SB 1439)</u>: LICENSEE has disclosed to the County using Exhibit "D" Campaign Contribution Disclosure Senate Bill 1439, whether it has made any campaign contributions of more than \$250 to any member of the Board of Supervisors or other County elected officer [Sheriff, Assessor-Recorder-Clerk, Auditor-Controller/Treasurer/Tax Collector and the District Attorney] within the earlier of: (1) the date of the submission of LICENSEE's proposal to the County, or (2) 12 months before the date this Contract was approved by the Board of Supervisors. Contractor acknowledges that under Government Code section 84308, LICENSEE is prohibited from making campaign contributions

of more than \$250 to any member of the Board of Supervisors or other County elected officer for 12 months after the County's consideration of the Contract.

In the event of a proposed amendment to this License, the LICENSEE will provide the County a written statement disclosing any campaign contribution(s) of more than \$250 to any member of the Board of Supervisors or other County elected officer within the preceding 12 months of the date of the proposed amendment.

Campaign contributions include those made by any agent/person/entity on behalf of the LICENSEE or by a parent, subsidiary or otherwise related business entity of LICENSEE."

- 7. This Second Amendment may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Second Amendment. The parties shall be entitled to sign and transmit an electronic signature of this Second Amendment (whether by facsimile, PDF or other email transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Second Amendment upon request.
- 8. All other provisions and terms of the License shall remain the same and are hereby incorporated by reference. In the event of any conflict between the License and this Second Amendment, the terms and conditions of this Second Amendment shall control.

END OF SECOND AMENDMENT

SAN BERNARDINO COUNTY		LICENSEE: Los Angeles SMSA Limited Partnership dba Verizon Wireless, by and through ATC Sequoia, LLC, its attorney-in-fact (Print or type name of corporation, company, contractor, etc.)	
>		Ву ▶	
Dawn Rose, Chair, Board of Supe	rvisors	(Authorized signature - sign in blue ink)	
Dated:SIGNED AND CERTIFIED THAT	A CODY OF THIS	Name	(Print or type name of person signing contract)
DOCUMENT HAS BEEN DELIVE CHAIRMAN OF THE BOARD		Title	(S. type hame of person alguming continue)
Lynna Mone Clerk of the B San Bernardii	oard of Supervisors	Title	(Print or Type)
By		Dated:	
De	puty	Address	180 Washington Valley Road
			Bedminster, NJ 07921
FOR COUNTY USE ONLY			
Approved as to Legal Form	Reviewed for Contract Co	ompliance	Reviewed/Approved by Department
▶ John Tubbs II, Deputy County Counsel			Lyle Ballard, Real Property Manager, RESD
Date	Date		Date

EXHIBIT A-1 PREMISES

A TRACT OF LAND OUT OF PARCEL 1 OF PARCEL MAP NO. 10215, AS PER MAP ON FILE IN BOOK 119, PAGES 76 AND 77 OF PARCEL MAPS, SAN BERNARDINO COUNTY RECORDS, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF PARCEL 1 OF PARCEL MAP NO. 10215; THENCE NORTH 00 DEGREES 19 MINUTES 16 SECONDS WEST, A DISTANCE OF 154.17 FEET; THENCE SOUTH 89 DEGREES 40 MINUTES 44 SECONDS WEST, A DISTANCE OF 12.90 FEET; THENCE SOUTH 89 DEGREES 47 MINUTES 27 SECONDS WEST, A DISTANCE OF 9.50 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 47 MINUTES 27 SECONDS WEST, A DISTANCE OF 17.10 FEET; THENCE NORTH 00 DEGREES 12 MINUTES 33 SECONDS WEST, A DISTANCE OF 31.50 FEET; THENCE NORTH 89 DEGREES 47 MINUTES 27 SECONDS EAST, A DISTANCE OF 17.10 FEET; THENCE SOUTH 00 DEGREES 12 MINUTES 33 SECONDS EAST, A DISTANCE OF 31.50 FEET TO THE POINT OF BEGINNING. CONTAINING 539 SQ.FT. OR 0.012 ACRES OF LAND MORE OR LESS.

EXPANDED PREMISES

A TRACT OF LAND OUT OF PARCEL 1 OF PARCEL MAP NO. 10215, AS PER MAP ON FILE IN BOOK 119, PAGES 76 AND 77 OF PARCEL MAPS, SAN BERNARDINO COUNTY RECORDS, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF PARCEL 1 OF PARCEL MAP NO. 10215; THENCE NORTH 00 DEGREES 19 MINUTES 16 SECONDS WEST, A DISTANCE OF 154.17 FEET; THENCE SOUTH 89 DEGREES 40 MINUTES 44 SECONDS WEST, A DISTANCE OF 12.90 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 47 MINUTES 27 SECONDS WEST, A DISTANCE OF 9.50 FEET; THENCE NORTH 00 DEGREES 12 MINUTES 33 SECONDS WEST, A DISTANCE OF 13.00 FEET; THENCE NORTH 89 DEGREES 47 MINUTES 27 SECONDS EAST, A DISTANCE OF 9.50 FEET; THENCE SOUTH 00 DEGREES 12 MINUTES 33 SECONDS EAST, A DISTANCE OF 13.00 FEET TO THE POINT OF BEGINNING. CONTAINING 124 SQ.FT. OR 0.003 ACRES OF LAND MORE OR LESS.

EXHIBIT "B-1"

Expanded Premises Depiction and Authorized Equipment
The following twenty-four (24) pages T-1,LS-1,A-1, A-2.1, A-2.2, A-2.3, A-2.4, A-2.5,
A-3, A-4,A-5, A-6, A-7,E-1,E-2, E-3, G-1, G-2, G-3, RF-1, GN-1, GN-2 GN-3, GN-4

dish wireless...

DISH Wireless L.L.C. SITE ID:

LSSNA03163B

DISH Wireless L.L.C. SITE ADDRESS:

11873 APPLE VALLEY ROAD **APPLE VALLEY, CA 92308**

CALIFORNIA CODE OF COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES, NOTHING IN THESE PLANS IS TO BE CONSTRUCT TO PERMIT WORK NOT CONFORMING TO THESE CODES.

CODE TYPE CODE
BUILDING 2019 CALIFORNIA BUILDING CODE (CBC)/2018 IBC
MECHANICAL 2019 CALIFORNIA MECHANICAL CODE (CBC)/2018 UMC
ELECTRICAL 2019 CALIFORNIA ELECTRICAL CODE (CEC)/2017 NEC

SHEET INDEX			
SHEET NO.	SHEET TITLE		
T-1	TITLE SHEET		
LS1	SITE SURVEY		
A-1	OVERALL AND ENLARGED SITE PLAN		
A-2	ELEVATION, ANTENNA LAYOUT AND SCHEDULE		
A-3	EQUIPMENT PLATFORM AND H-FRAME DETAILS		
A-4	EQUIPMENT DETAILS		
A-5	EQUIPMENT DETAILS		
A-6	EQUIPMENT DETAILS		
A-7	COMPOUND DETAILS		
E-1	ELECTRICAL/FIBER ROUTE PLAN AND NOTES		
E-2	ELECTRICAL DETAILS		
E-3	ELECTRICAL ONE-LINE, FAULT CALCS & PANEL SCHEDULE		
G-1	GROUNDING PLANS AND NOTES		
G-2	GROUNDING DETAILS		
G-3	GROUNDING DETAILS		
RF-1	RF CABLE COLOR CODE		
GN-1	LEGEND AND ABBREVIATIONS		
GN-2	GENERAL NOTES		
GN-3	GENERAL NOTES		
GN-4	GENERAL NOTES		

THE PROLECT DEPOTED IN THESE PLANS CULLIFIES AS AN ELUBEL FACILITIES ROQUEST DOTHLED TO DEPOTED PROPEN UNDER YOU.CL. 1456/JA &A MODIFICATION OF AN EXISTING WREELSS TOWER THAT HAVOVES THE COLLOCATION REMOVAL ANA/OR REPLACEMENT OF TRANSMISSION COUPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CITE J. 10000 (19)(7).

SCOPE OF WORK

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGNEER APPROVED EQUIPMENT CONTRACTOR SHALL VERIFY ALL NEEDED EQUIPMENT TO PROVIDE A FUNCTIONAL SITE THE PROJECT GENERALLY CONSISTS OF THE FOLLOWING:

TOWER SCOPE OF WORK:

NISTALL (3) PROPOSED PANEL ANIENNAS (1 PER SECTOR)

NISTALL (3) PROPOSED SECTOR FRAMES

NISTALL PROPOSED JUMENS

NISTALL (3) PROPOSED OVER VOLINGE PROTECTION DEVICE (0VP)

NISTALL (1) PROPOSED OVER VOLINGE PROTECTION DEVICE (0VP)

NISTALL (1) PROPOSED HIRBOR OVER VOLINGE PROTECTION DEVICE (0VP)

NSTALL (1) PROPOSED HYBRID CHELL

OSONIA SOOR OF WORK

OSONIA SOOR OF WORK

OSONIA SOOR OF WORK

OSONIA (1) PROPOSED DEC SEIGER

INSTALL (1) PROPOSED DEC CABIER

INSTALL (1) PROPOSED DEC CABIER

INSTALL (1) PROPOSED EUG

SITE PHOTO





UNDERGROUND SERVICE ALERT UTILITY NOTIFICATION CENTER OF CALIFORNIA (800) 422-4133 WWW,CALIFORNIA811.ORG CALL 2-14 WORKING DAYS LITHLY NOTIFICATION PRIOR TO CONSTRUCTO

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GENERAL NOTES

THE FACULTY IS UNMANUED AND ROT FOR RUMAN PAREATON. A TECHNICAN HELL VISIT THE STEE AS REQUIRED AND THE STEEN AS REQUIRED AND THE STEEN AS RECORDED TO THE STEEN AS RECORDED TO THE STEEN AS A STEEN A

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

DISH Wireless L.L.C. 5701 SOUTH SANTA FE DRIVE ADDRESS: 2024 ORANGE TREE LN APPLE VALLEY, CA 92308 LITTLETON, CO 80120 SELF-SUPPORT TOWER TOWER OWNER: AMERICAN TOWER CORPORATION 10 PRESIDENTIAL WAY TOWER CO SITE ID: 420180 WOBURN, MA 01801 (781) 926-4500 TOWER APP NUMBER: 13711871 SITE DESIGNER: B+T GROUP COUNTY: 1717 S. BOULDER AVE, SUITE 300 TULSA, OK 74119 LATITUDE (NAD 83): 34' 28' 1.62" N 34.48711700 N (918) 587-4630 LONGITUDE (NAD 83): -117' 14' 26.07" W -117.24057500 W ZONING JURISDICTION: SAN BERNARDING COUNTY SITE ACQUISITION: SUET YAM ZONING DISTRICT: COMMERCIAL CONST. MANAGER: CARRINGTON HILDEBRANT carringto.hildebrant@dish.com PARCEL NUMBER: 043402150 RF ENGINEER: SALVADOR RUIZ OCCUPANCY GROUP: U salvador.ruiz@dish.cor

PROJECT DIRECTORY

SITE INFORMATION

COUNTY OF SAN BERNARDING

SOUTHERN CALIFORNIA EDISC

PROPERTY OWNER:

CONSTRUCTION TYPE: 11-B

TELEPHONE COMPANY: T.B.D.

DIRECTIONS

DIRECTIONS FROM DISH WIRELESS L.L.C. OFFICE: DIRECTIONS FROM USEN WINCLESS LLCC. OFFICE:

DEPART 1881 SAMESTRONG ARE, WINNE CA 92000 ON ARUSTRONG AVE. TURN RIGHT ONTO BARRIANCA PROV.

TURN LEFT ONTO JAMESTORE RD. KEEP STRAGHT ONTO CA-281 [EASTERN TRANSPORTATION CORRODOR, AT EACH

RATAGE RAMP (LEFT) ONTO CA-241 [EASTERN TRANSPORTATION CORRODOR), AT EXIT 398, KEEP RIGHT ONTO

RAMP, MERGE ONTO CA-31 [RIVERSIDE NVY], KEEP STRAGHT ONTO RAMP, TACE RAMP (LEFT) ONTO I-15

[GROWA NVY], AT EXTI 123, TACE RAMP (LEFT) ONTO I-15 [BARSTON NVY], AT EXIT 1-7, TURN RIGHT ONTO

RAMP. TURN RIGHT ONTO BOSH VALLEY RD. TURN RIGHT ONTO APPLE PALLEY RD. TURN LEFT ONTO TOWN

CONTRE OR, TURN LEFT ONTO ACCESS RAMA. ARROY AT LESSHOLLIBER.





5701 SOUTH SANTA FE DRIVE







B&T ENGINEERING, INC.

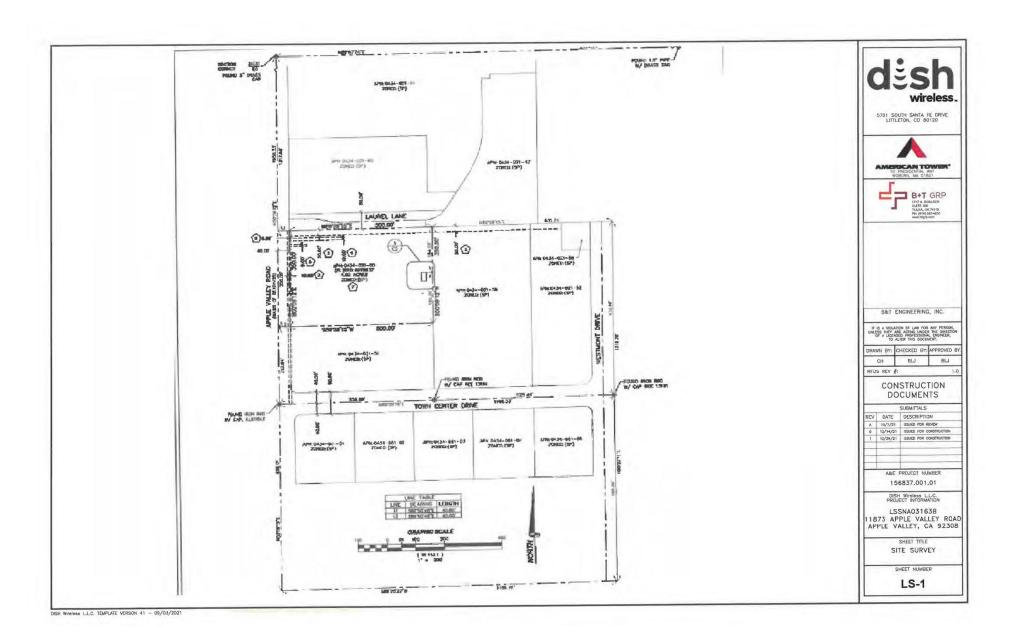
AWN BY:	CHECKED BY:	APPROVED BY:	
СН	BW	BLJ	
DS REV	#:	1.0	

CONSTRUCTION DOCUMENTS

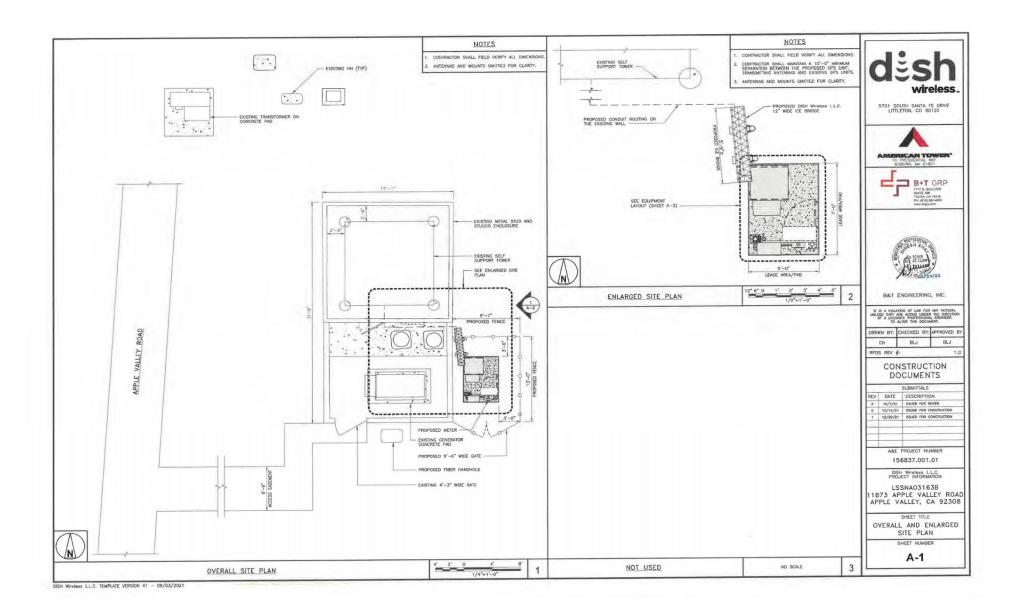
7		SUBMITTALS
REV	DATE	DESCRIPTION
A	10/7/21	ISSUED FOR REVIEW
0	12/14/21	ISSUED FOR CONSTRUCTION
1	12/29/21	ISSUED FOR CONSTRUCTION
		PROJECT NUMBER 5837.001.01
	PROJ	Wireless L.L.C. ECT INFORMATION
		PLE VALLEY ROAL ALLEY, CA 92308
		SHEET TITLE
	TI	TLE SHEET

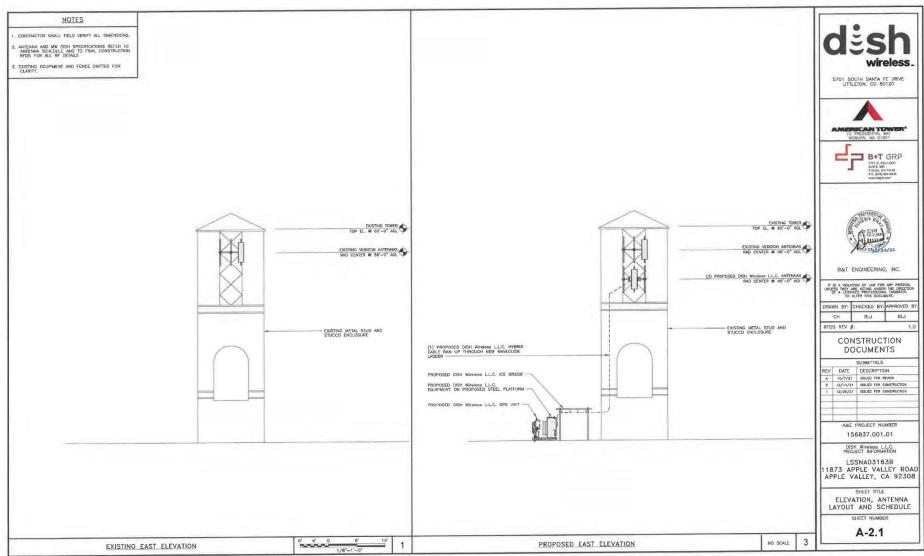
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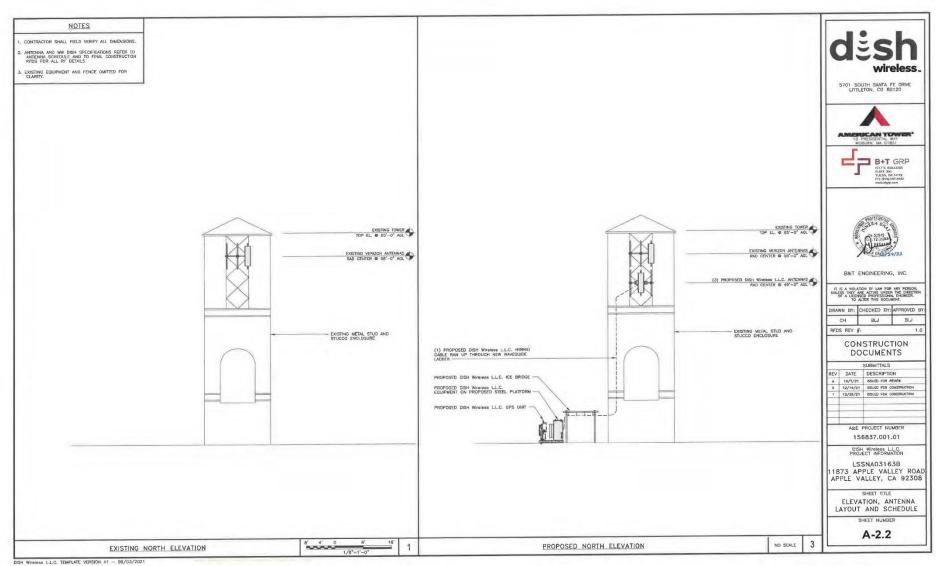
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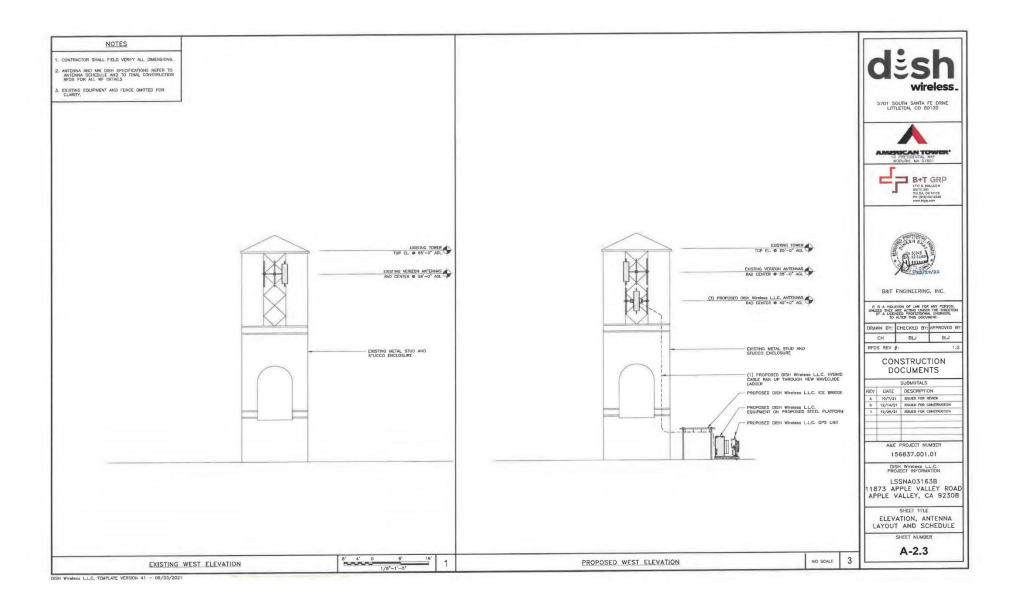


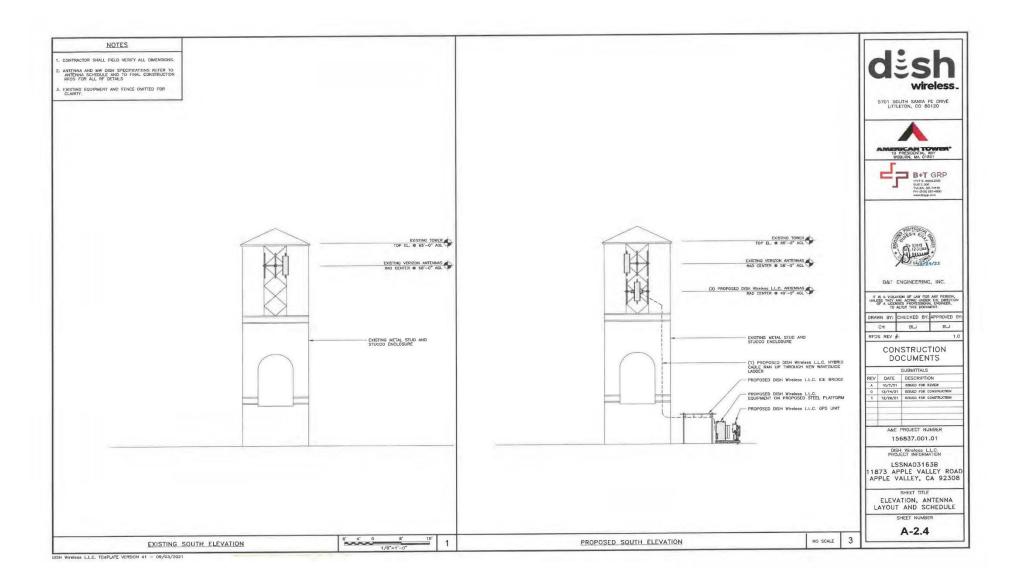
Page 8 of 33



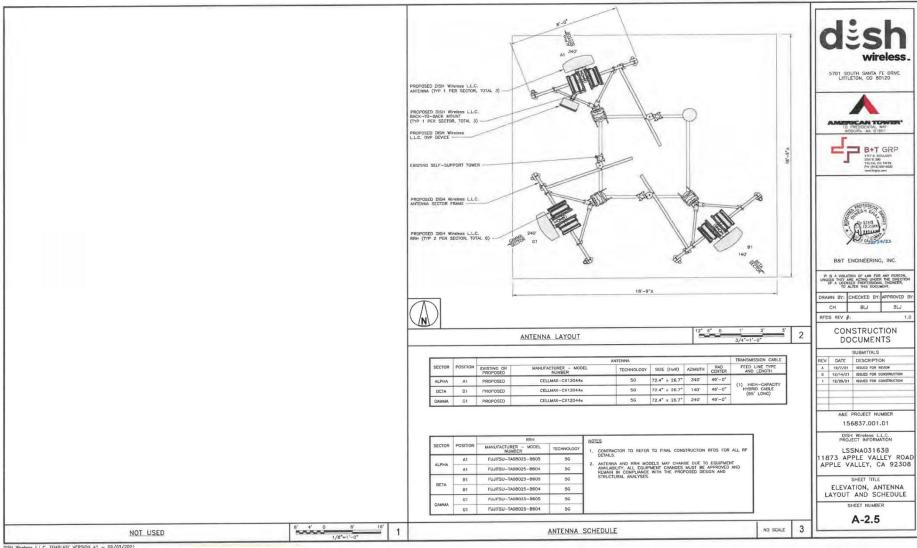


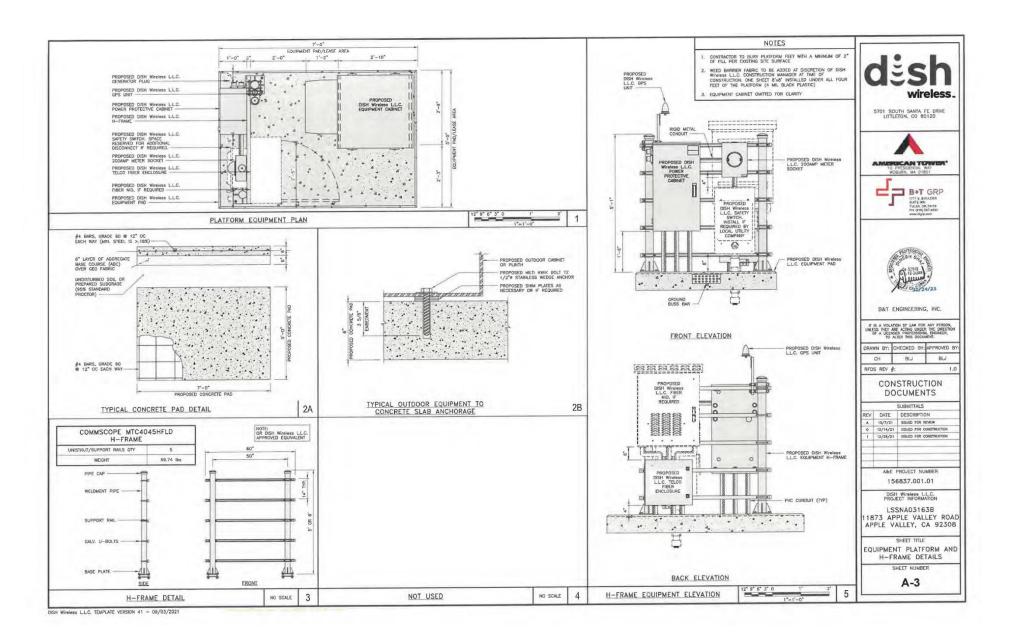


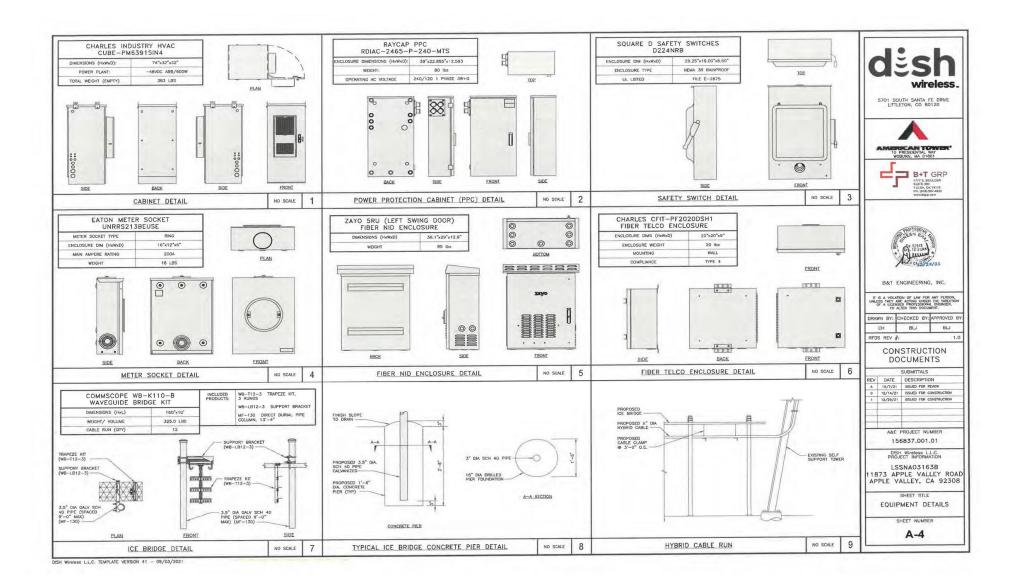


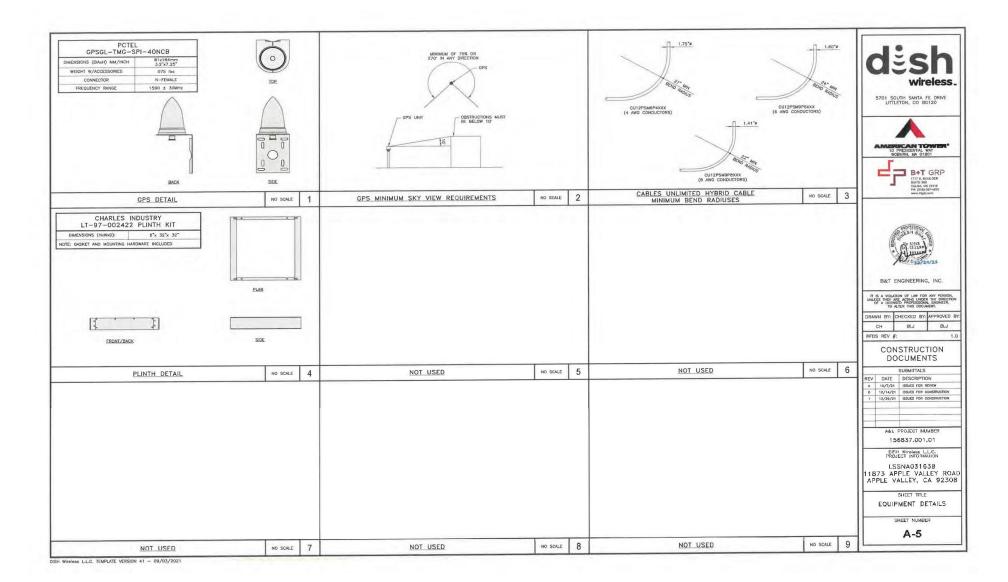


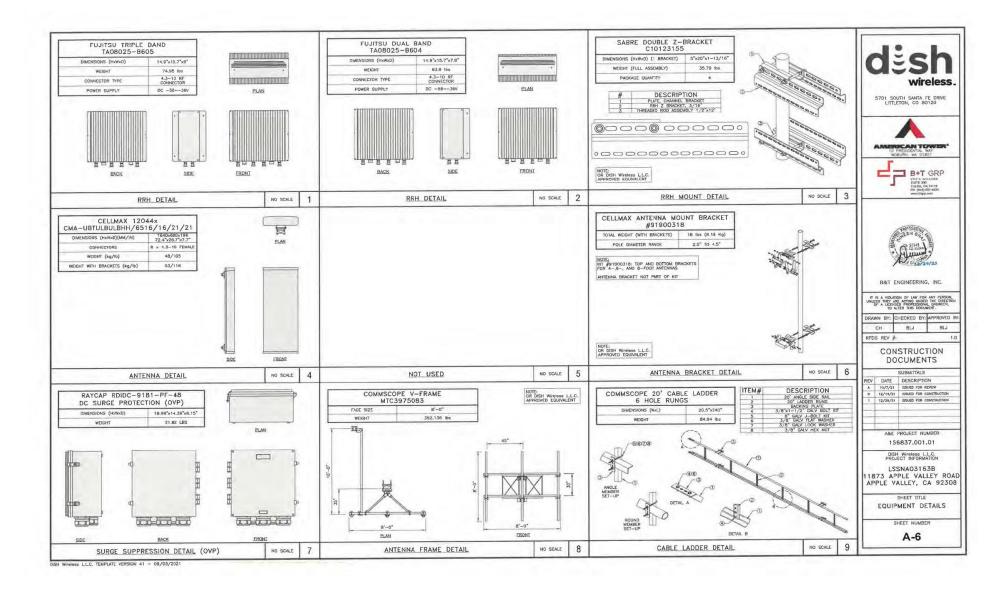
Page **13** of **33**

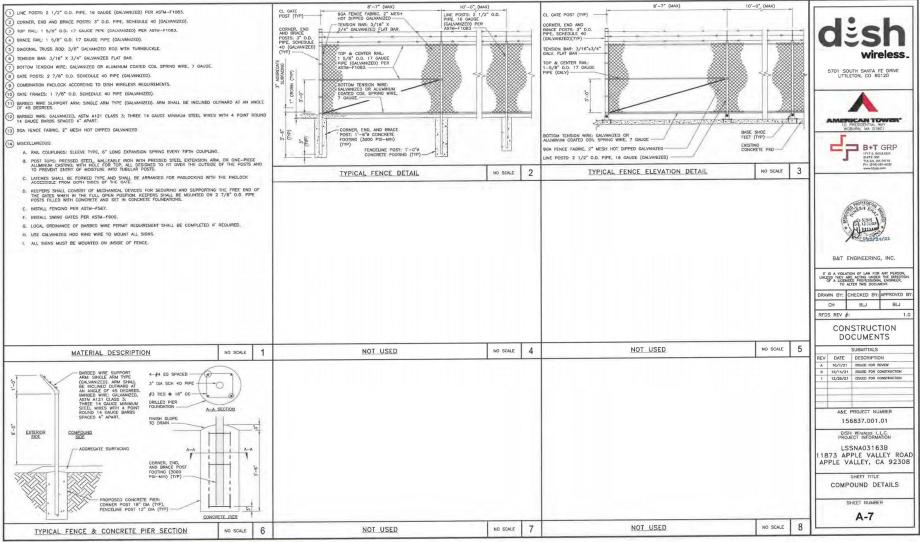


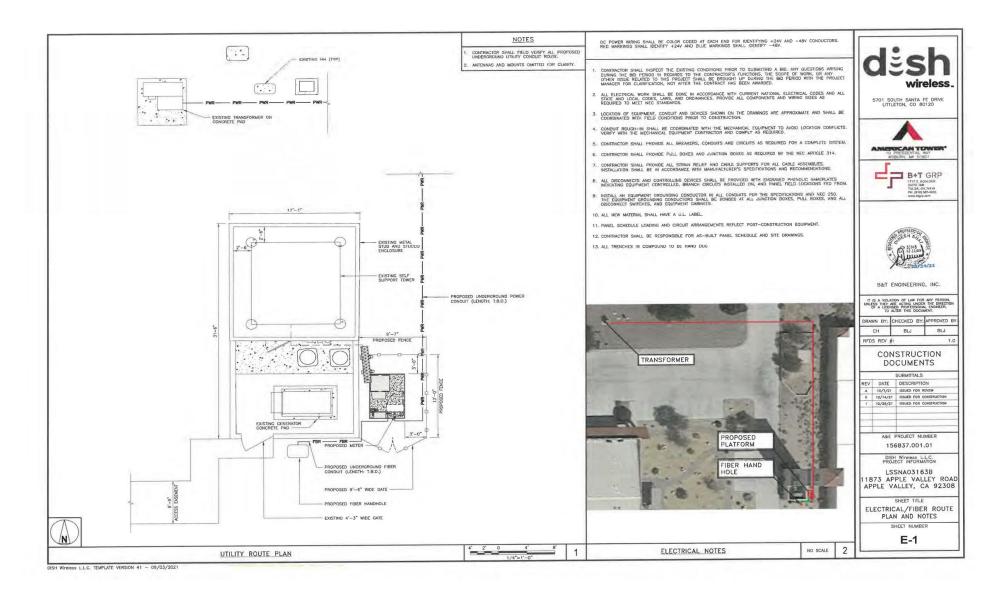


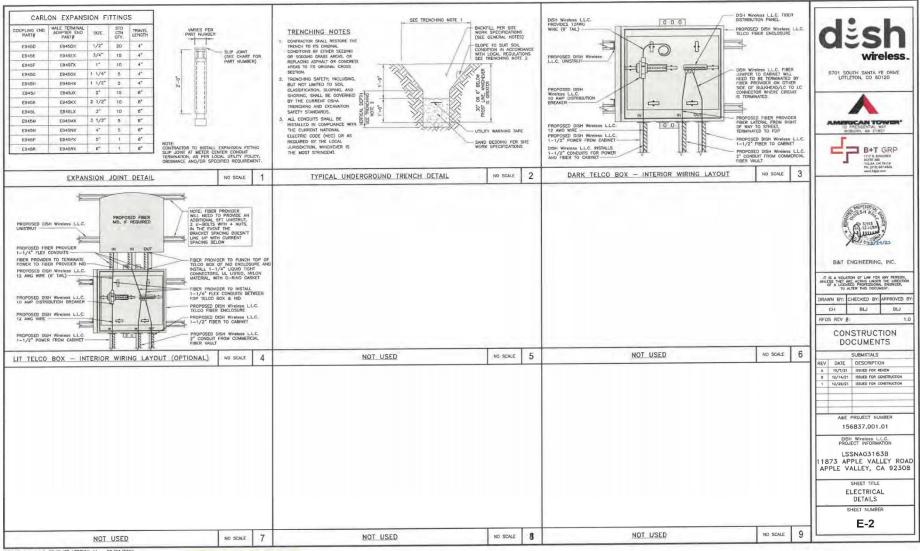


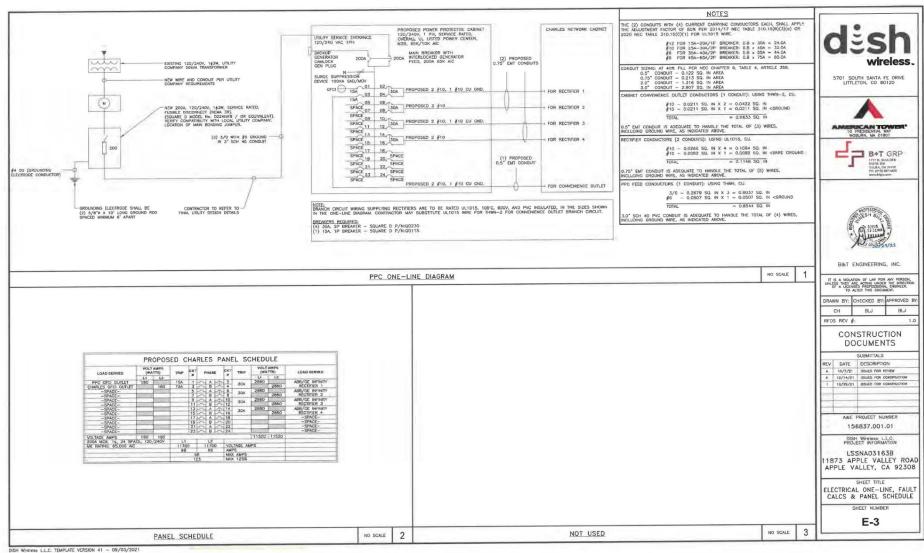


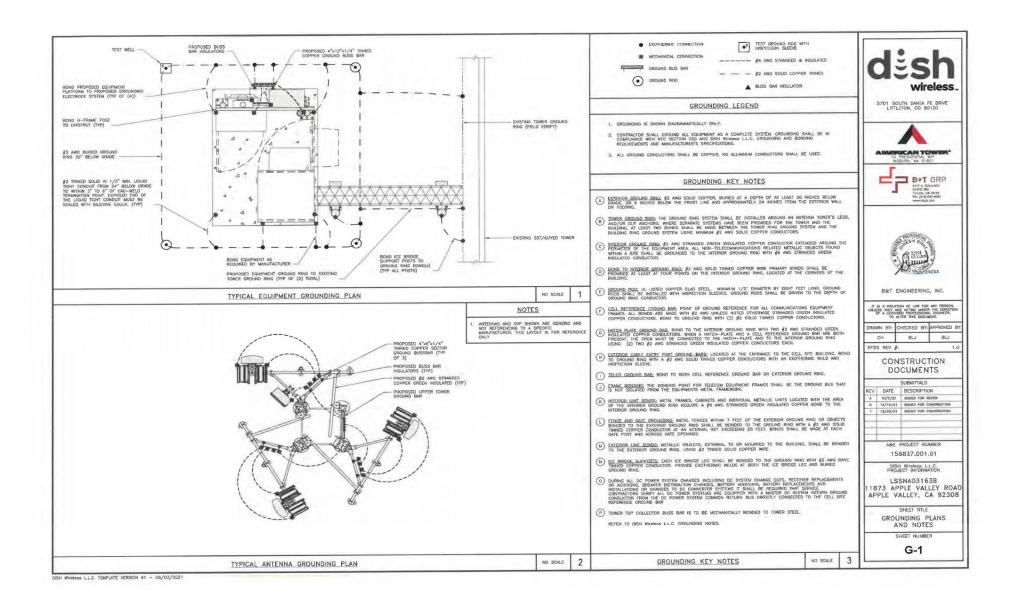




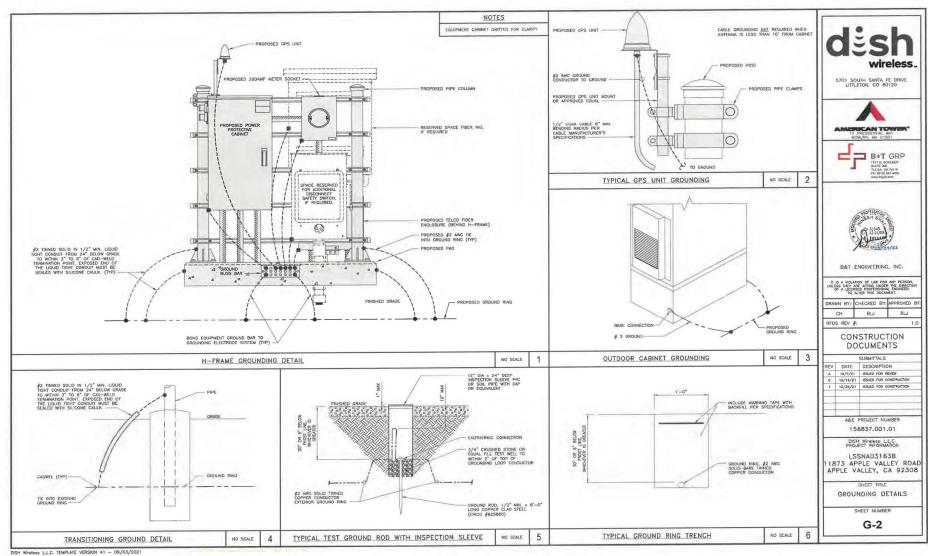




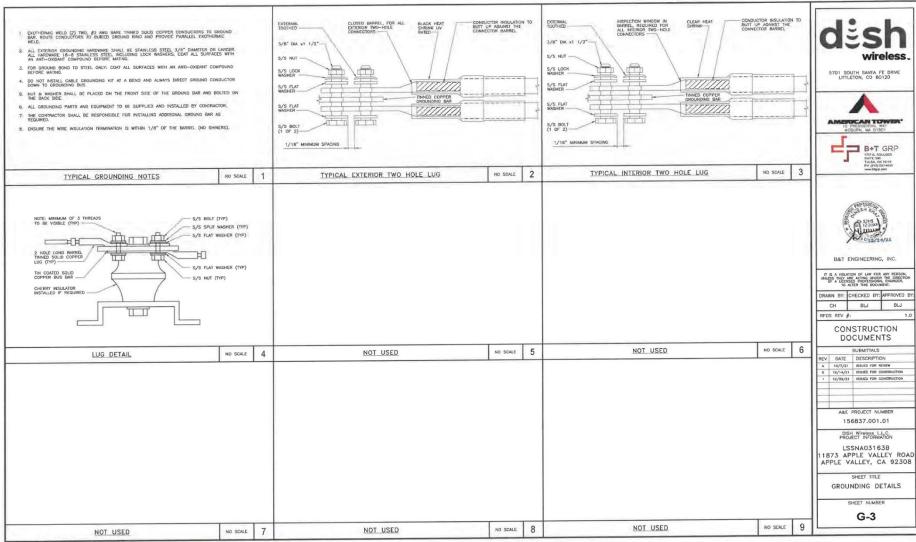


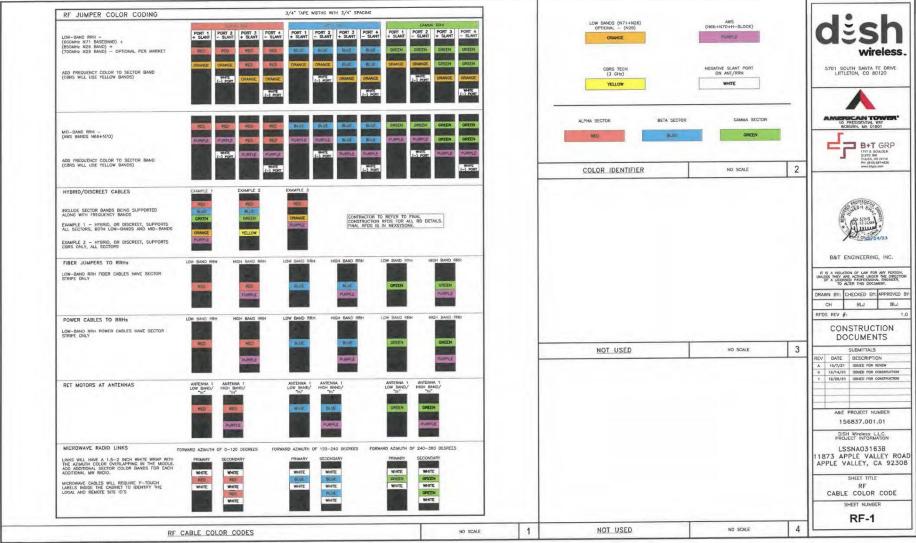


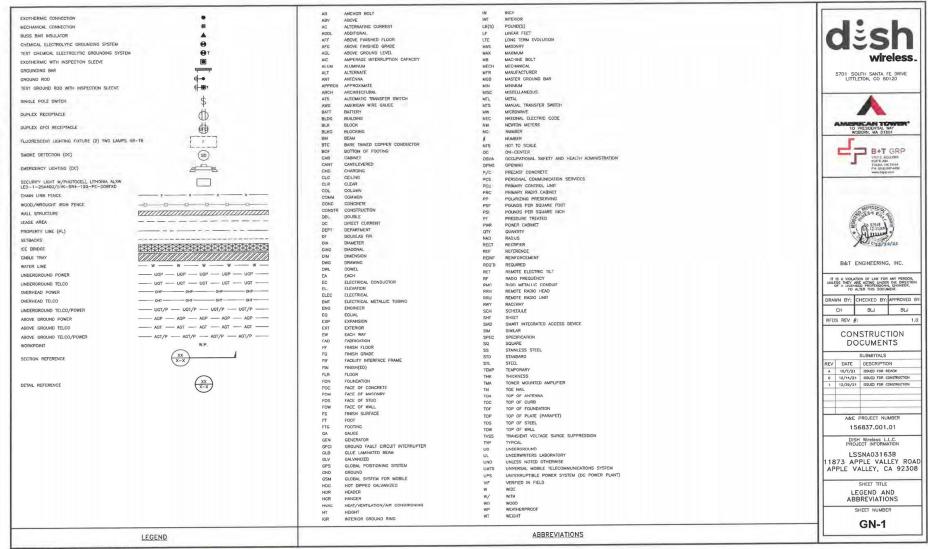
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DISH WIRELESS E.E.C. TEMPEATE VERSION 41 - 09/03/20







SITE ACTIVITY REQUIREMENTS:

- NOTICE TO PROCEED NO WORK SHALL COMMENCE PRIOR TO CONTRACTOR RECEIVING A WRITTEN NOTICE TO PROCEED
 (NTP) AND THE ISSUANCE OF A PURCHASE ORDER, PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE DISH Wireless LLLC, AND TOWER OWNER OWNER CONSTRUCTION MANAGER.
- "LOOK UP" DISH Wireless L.L.C. AND TOWER OWNER SAFETY CLIMB REQUIREMENT:

THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMEST HE INTEGRITY OF FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PORXIMITY OF THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL PRAY, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTERNED USE, ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGEDO DUT AND REPORTED TO YOUR DISH WIRELES LLC. AND TOWER OWNER POCOR CALL THE NOC TO CENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.

- 3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER OBSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
- 4. ALL CONSTRUCTION MEANS AND WETHODS: INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF IT HE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTININED HERREN, AND SHALL BEET ANSI/ASSE ATUA 6 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS, AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANDI/ASSE ATUA (LATEST EDITION); AND DISH Wireless LLC. AND TOWER OWNER STANDARDS, INCLUDING THE REQUIRED INVOLVEUENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/THA-322 (LATEST EDITION).
- 5. ALL SITE WORK TO COMPLY WITH DISH Wireless L.L.C. AND TOWER OWNER INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON DISH Wireless L.L.C. AND TOWER OWNER TOWER SITE AND LATEST VERSION OF ANSI/TIA-1019—A-2012 "STANDARD FOR INSTALLATION, JALFERATION, AND MAINTENANCE" OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
- IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE
 AN ALTERNATIVE INSTALLATION FOR APPROVAL BY DISH Wireless L.L.C. AND TOWER OWNER PRIOR TO PROCEEDING WITH ANY SUCH
 CHANGE OF INSTALLATION.
- 7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORBINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RILES, REGULATIONS AND LOWFUL GODERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK, ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- B. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- 9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES INCLUDING PRIVATE LOCATES SERVICES PRIOR TO THE START OF CONSTRUCTION.
- 10. ALL EXISTING ACTIVE SEWER, WATER, CAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR, EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTORS WHEN PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLIDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROPCEDURES.
- 11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND DISH PROJECT SPECIFICATIONS,
- 12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK, IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- 13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF DISH Wireless L.L.C. AND TOWER OWNER, AND/OR LOCAL UTILITIES.
- 14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
- 15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE
 APPLICATION.
- 17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OP PROVECT SPECIFICATIONS.
- 18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- 19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- 20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS AND RADIOS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED
- 21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
- 22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

1.FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:

CONTRACTOR:GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION

CARRIER:DISH Wireless L.L.C.

TOWER OWNER:TOWER OWNER

2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERGISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE "PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANGEOUS WORK NOT EXPLICITLY SHOWN.

- 3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL DISSERVATION OF THE FINISHED STRUCTURE ONLY.
- 4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
 WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILIAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN
 THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR RETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE
 GREATER, MORE STRICT REQUIREMENTS, SHALL COVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF
 BECORD.
- 5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OF CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
- 6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CORPERIN THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF COARRIES POC AND TOWNER OWNER.
- 7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- 8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
 UNLESS SPECIFICALLY STATED OTHERWISE.
- 10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND TOWER OWNER PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- 11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION, BEFORE SUBMITTING BIDS, TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWNINGS.
- 12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF DISH Wireless L.L.C. AND TOWER OWNER
- 13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- 14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY



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П	DRAWN BY:	CHECKED BY:	APPROVED BY		
П	CH	BLJ	BLJ		

REDS REV #:

CONSTRUCTION

		SUBMITTALS
REV	DATE	DESCRIPTION
A	10/7/21	ISSUED FOR REVIEW
0	12/14/21	ISSUED FOR CONSTRUCTION
1	12/29/21	ISSUED FOR CONSTRUCTION
	0.000	PROJECT NUMBER 6837.001.01

LSSNA03163B 11873 APPLE VALLEY ROAD APPLE VALLEY, CA 92308

GENERAL NOTES

SHEET NUMBER

GN-2

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN
 AND CONSTRUCTION SPECIFICATION FOR CAST—IN-PLACE CONCRETE.
- UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000
 psf.
- 3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (I'e) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90'1 AT TIME OF PLACEMENT.
- 4. CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER-TO-CEMENT RATIO (W/C) DF 0-45.
- 5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TEASION SPLICES, UNILESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOCKS, UNILESS NOTED OTHERWISE, ALL HOOKS SHALL BE STANDARD 90 DEGREE HOCKS, UNILESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOCKS.

#4 BARS AND SMALLER 40 ksi

#5 BARS AND LARGER 60 ksi

- 6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON
 - ... CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER:
- #6 BARS AND LARGER 2"
- _ #5 BARS AND SMALLER 1-1/2"
- _ CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
- _ SLAB AND WALLS 3/4"
- BEAMS AND COLUMNS 1-1/2"
- 7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

ELECTRICAL INSTALLATION NOTES:

- 1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
- CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
- 4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
- 4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
- 4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT FAITING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SHORT CIRCUIT CURRENT OPES NOT EXCEED THE RATING OF ELECTRICAL COURSENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADDITED CODE PRE THE
- 5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2* PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
- 6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACTY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT IN'S).
- PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
- 8. TIE WRAPS ARE NOT ALLOWED.
- 9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER)
 WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- 10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- 11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
- 12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THAW, THWN-1, XHHW-2, XHHW, XHHW-2, THW, THW-2, R-HW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP—STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL), LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75' C (90' C | F AVAILABLE).
 RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEWA, UL, ANSI/IEEE AND
- ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.

- 16. ELECTRICAL METALLIC TUBING (EMT) OR METAL-CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- 17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/908 AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
- 18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- 19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE
- 21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECIMATE WIREWAY).
- 22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- 23. CONDUITS SHALL BE FASTBLED SECIPELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTROHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLEY FOLLOW THE LINES OF THE STRUCTURE, MANTAIN DESC. PROXIMITY TO THE STRUCTURE WID KEEP COMDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO THE STRUCTURE WID KEEP COMDUITS WAS THE TOP TO THE ADVENTMENT OF THE STRUCTURE WAS THE PROXIMITY OF THE STRUCTURE WALL AND CEILING THE AND PERPENDICULAR TO STRUCTURE WALL AND CEILING SHALL BE INSTALL BE INSTALL OF REPENDICULAR TO STRUCTURE WALL AND CEILING LINES ALL CONDUITS SHALL BE INSTALL OR CONDUITS SHALL BE INSTALL OR CONDUITS SHALL BE TEMPORATELY CAPPED FILLY HIT OF RINSH GROAD TO PREVIOUS CONCRETE, PLASTER OR DIST. FROM CHITCHING. CONDUITS SHALL BE TEMPORATELY CAPPED FILLY HIT OF RINSH GROAD TO PREVIOUS CONCRETE, PLASTER OR DIST. FROM CHITCHING. CONDUITS SHALL BE RICIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE RION BUSHING ON INSIDE AND GALVANIZED MALLEABLE RION BUSHING ON INSIDE AND GALVANIZED MALLEABLE RION BUSHING ON INSIDE AND GALVANIZED MALLEABLE RION DUSTISCE AND INSIDE.
- 24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY—COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3 (OR BETTER) FOR EXTERIOR LOCATIONS.
- 25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- 26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR INTERIOR LOCATIONS.
- 27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR DISH Wireless L.L.C. AND TOWER OWNER BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- 28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
- 29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "DISH Wireless L.L.C.".
- 30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.



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DRAWN BY: CHECKED BY: APPROVED BY:

CH BLJ BLJ

REDS REV #: 1.0

CONSTRUCTION

		SUBMITTALS
EV	DATE	DESCRIPTION
A	10/7/21	ISSUED FOR REVIEW
0	12/14/21	ISSUED FOR CONSTRUCTION
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LSSNA03163B 11873 APPLE VALLEY ROAD APPLE VALLEY, CA 92308

SHEET TITLE
GENERAL NOTES

SHEET NUMBER

GN-3

DISH Wireless L.L.C. TEMPLATE VERSION 41 - 09/03/2021

NFC.

GROUNDING NOTES:

- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL
 BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
- THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR
 CROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO
 ACHIEVE A TEST RESULT OF 5 OHMS OR LEST
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
- 4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
- METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS
 WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS
 COLUMNICAT.
- 6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
- CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
- 8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
- 9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
- 10. USE OF 90' BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45' BENDS CAN BE ADEQUATELY SUPPORTED.
- 11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- 12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
- 13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
- 14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
- 15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
- 16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
- 17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
- 18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
- 19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROJTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OF FLOORS, WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (1.4. NONMETALLIC CONDUIT FOR HORSE DE STALL CONDUIT FOR HETAL CONDUIT SHALL BE LOSED. WHERE USE OF METAL CONDUIT SHE REFLAL CONDUIT.
- 20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE CRADE MUST BE \$2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WILD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
- 21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING STRIME. THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY). DO NOT ATTACH GROUNDING TO FIRE SPRINKLER STREM PIPES.





Exhibit "D" Campaign Contribution Disclosure (Senate Bill 1439)

DEFINITIONS

Actively supporting the matter: (a) Communicate directly with a member of the Board of Supervisors or other County elected officer [Sheriff, Assessor-Recorder-Clerk, District Attorney, Auditor-Controller/Treasurer/Tax Collector] for the purpose of influencing the decision on the matter; or (b) testifies or makes an oral statement before the County in a proceeding on the matter for the purpose of influencing the County's decision on the matter; or (c) communicates with County employees, for the purpose of influencing the County's decision on the matter; or (d) when the person/company's agent lobbies in person, testifies in person or otherwise communicates with the Board or County employees for purposes of influencing the County's decision in a matter.

<u>Agent:</u> A third-party individual or firm who, for compensation, is representing a party or a participant in the matter submitted to the Board of Supervisors. If an agent is an employee or member of a third-party law, architectural, engineering or consulting firm, or a similar entity, both the entity and the individual are considered agents.

Otherwise related entity: An otherwise related entity is any for-profit organization/company which does not have a parent-subsidiary relationship but meets one of the following criteria:

- (1) One business entity has a controlling ownership interest in the other business entity;
- (2) there is shared management and control between the entities; or
- (3) a controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

For purposes of (2), "shared management and control" can be found when the same person or substantially the same persons own and manage the two entities; there are common or commingled funds or assets; the business entities share the use of the same offices or employees, or otherwise share activities, resources, or personnel on a regular basis; or there is otherwise a regular and close working relationship between the entities.

<u>Parent-Subsidiary Relationship:</u> A parent-subsidiary relationship exists when one corporation has more than 50 percent of the voting power of another corporation.

LICENSEE must respond to the questions on the following page. If a question does not apply respond N/A or Not Applicable.

1.	Name of LICENSEE:	SingArin	ited Partners	fact ATC Sequoiq		
	by and thi	24 Abro	attorney in	fact ATC Seguoia		
2.	. Is the entity listed in Question No. 1 a non-profit organization under Internal Revenue Code section 501(c)(3)?					
	Yes ☐ If yes, skip Question Nos. 3 - 4 and go to Question No. 5.					
3.	Name of Principal (i.e., CEO/Presiden matter and has a financial interest in t		ed in Question No	o. 1, <u>if</u> the individual actively supports the		
4.	If the entity identified in Question No.1 is a corporation held by 35 or less shareholders, and not publicly traded ("closed corporation"), identify the major shareholder(s):					
5.	Name of any parent, subsidiary, or of above):	e of any parent, subsidiary, or otherwise related entity for the entity listed in Question No. 1 (see definitions e):				
	Company Name		Relationship Parent Company			
	American Tower Corporation					
6.	Name of agent(s) of LICENSEE:					
	Company Name	Ag	jent(s)	Date Agent Retained (if less than 12 months prior)		
7.		ely supports the	e matter and (2)	be providing services/work under the awarded has a financial interest in the decision <u>and</u> (3) verned special district:		
	Company Name	Subcontractor(s):		Principal and/or Agent(s):		
8.				estions 1-7, but who may (1) actively support		
664		Board <u>and</u> (2) have a financial	interest in the outcome of the decision: Individual(s) Name		
	Company Name			individuai(s) Name		

9.	Was a campaign contribution, of more than \$250, made to a Supervisors or other County elected officer within the prior 13 in Question Nos. 1-8?				
	No ☐ If no , please skip Question No. 10. Yes	☐ If yes , please continue to complete this form.			
10.	Name of Board of Supervisor Member or other County elected	ed officer:			
	Name of Contributor:				
	Date(s) of Contribution(s):				
	Amount(s):				
	Please add an additional sheet(s) to identify additional Board Members or other County elected officers to whom anyone listed made campaign contributions.				
und	By signing below, LICENSEE certifies that the statements made herein are true and correct. LICENSEE understands that the individuals and entities listed in Question Nos. 1-8 are prohibited from making campaign contributions of more than \$250 to any member of the Board of Supervisors or other County elected officer while this matter is pending and for 12 months after a final decision is made by the County.				
	gu ol	1116/05			
	Richard P. Palermo Senior Counsel, US Tower	Date			
	Print Name	Print Entity Name, if applicable			