

CHSP MISSION BAY LLC
c/o Park Hotels & Resorts
1775 Tysons Boulevard, 7th Floor
Tysons, VA 22102

October 16, 2023

BY FEDERAL EXPRESS

City of San Diego
Real Estate Assets Department
1200 Third Avenue, Suite 1700
San Diego, CA 92101
Attn: Director

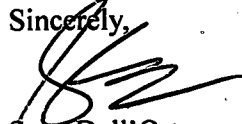
Re: City of San Diego Lease Agreement dated October 4, 2005 (as from time to time amended and assigned, the "Lease"), between CHSP Mission Bay LLC, a Delaware limited liability company (successor-in-interest to KenCal Ownership LLC, a California limited liability company) ("Lessee"), and The City of San Diego, a California municipal corporation ("City") relating to the Hyatt Regency Mission Bay Spa and Marina hotel located in San Diego, California (the "Hotel")

Ladies and Gentlemen:

Pursuant to Section 5.1 of the Lease, Lessee hereby requests the City's approval of a space license agreement for rooftop antenna and associated telecommunications equipment between Lessee's affiliate and approved sublessee, CHSP TRS Mission Bay LLC, and Dish Wireless L.L.C. Copies of the proposed space license agreement and a set of the construction drawings are included with this letter.

If you have any questions or need additional information, please contact Bonnie Freeman in this office at bfreeman@pkhotelsandresorts.com or by phone at 571-302-5787. Thank you in advance for your consideration.

Sincerely,



Sean Dell'Orto
Vice President and Treasurer

Enclosures

CONSENT TO SUBLICENSE

(CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.)

THIS CONSENT TO SUBLICENSE ("**Consent**") is entered into by and between THE CITY OF SAN DIEGO, a California municipal corporation ("**City**"), and CHSP TRS MISSION BAY LLC, a Delaware limited liability company and sublessee of CHSP MISSION BAY LLC d.b.a. Hyatt Regency Mission Bay Spa and Marina ("**Lessee**"), to be effective upon the respective authorized representatives of City and Lessee all signing this Consent and the form of this Consent being approved by the San Diego City Attorney. This Consent is made and entered into in reference to the following recited facts:

RECITALS

- A. City and Lessee's predecessor-in-interest entered into a City of San Diego Lease Agreement ("**Agreement**"), filed as document RR-300863 in the Office of the San Diego City Clerk, which was assigned to Lessee under that certain City of San Diego Consent to Assignment dated September 6, 2012 ("**Assignment**" and together with the Agreement, the "**Master Lease**"), relating to that certain City-owned real property located at 1441 Quivira Road, San Diego, California 92109, commonly known as "Hyatt Regency Mission Bay Spa and Marina" and more particularly described in the Agreement (the "**Premises**").
- B. As part of the Assignment, CITY approved CHSP TRS MISSION BAY LLC, a Delaware limited liability company and affiliate of Lessee, as sublessee ("**Sublessee**") of CHSP MISSION BAY LLC.
- C. Sublessee now desires to sublicense a portion of the Premises (the "**Sublicense Premises**") to Dish Wireless LLC, a California limited liability company ("**Sublicensee**"), by entering into a nonexclusive right to install certain telecommunications equipment (the "**Sublicense**").
- D. Section 5.1 of the Master Lease requires that Lessee obtain City's consent to sublicense the Premises or any portion thereof.
- E. Lessee and Sublicensee acknowledge that the City's act of consenting to the Sublicense will not relieve Lessee or Sublicensee from any requirements under the Master Lease and Sublicense, respectively, including but not limited to the timely payment of rent.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, City and Lessee agree as follows:

1. City Consent to Sublicense. Subject to the terms and conditions of this Consent and the Master Lease, City consents to Sublessee sublicensing to Sublicensee the Sublicense Premises (identified as the "**Premises**" in the Sublicense). All terms and conditions of the Master Lease shall control and supersede all inconsistent or contrary provisions in the Sublicense.

2. Sublicensee Assumption of Lessee's Obligations. City's consent to the Sublicense is conditioned upon Sublicensee's written agreement in the Sublicense to assume and perform all obligations of Lessee under the Master Lease applicable to the Sublicense Premises. Sublicensee's failure to perform one or more of these assumed obligations shall be a material default and breach under the Master Lease and may subject the Master Lease to termination by City.

3. Sublicensee Acknowledgment of this Consent. This Consent is conditioned on City's receipt of an "Acknowledgement of Receipt of Consent to Sublicense" in substantially the form of Exhibit "B" attached to this Consent signed by the authorized representative(s) of Sublicensee.

4. No Effect on Master Lease. Notwithstanding any provision of this Consent to the contrary, this Consent does not release, discharge, or modify any obligation of Lessee under the Master Lease.

5. Subsequent Sublicensing. This Consent does not constitute City's consent to any subsequent assignment, sublicense, or lease under the Master Lease or relating to the Premises or any portion thereof, including the Sublicense Premises and does not relieve Lessee or any person claiming under or through Lessee of the obligation to obtain City's consent to any future assignment, sublicense, or lease pursuant to the Master Lease.

6. Processing Fees. Lessee agrees to pay City all applicable processing and/or administrative fee(s) charged by City for processing this Consent.

7. Brokerage Commissions or Finder's Fees. Lessee acknowledges and agrees that City will not be liable for any brokerage commission or finder's fee in connection with the consummation of the Sublicense. Lessee agrees to protect, defend, indemnify, and hold City harmless from any brokerage commission or finder's fee in connection with the consummation of the Sublicense or this Consent, and from any cost or expense (including attorneys' fees) incurred by City in resisting any claim for any such brokerage commission or finder's fee. The provisions of this Section 7 shall survive the expiration or earlier termination of the Master Lease, the Sublicense, or this Consent.

8. Consideration for Sublicense: Lessee represents and warrants to City that a true, correct, and complete copy of the Sublicense is attached to this Consent as Exhibit "A." Lessee further represents and warrants to City that there are no additional payments of rent or any other consideration of any type that has been paid or provided or is payable or to be provided by Sublicensee or any other person to sublicensee in connection with the Sublicense or the Sublicense Premises, other than as disclosed in the Sublicense.

9. Subordination. The Sublicense is subject to and subordinate to the terms, covenants and conditions of the Master Lease. The Sublicense may only be in effect while the Master Lease is in effect. Nothing in this Consent modifies the expiration date of the Master Lease or Sublicense. Lessee represents and warrants to City that Lessee provided Sublicensee a true, correct, and complete copy of the Master Lease before Sublicensee entered the Sublicense.

10. Lessee Estoppels. Lessee certifies the following to City as of the date of this Consent:

10.1 Lessee has not assigned its interest (or any portion thereof) in the Master Lease or otherwise transferred its interest (or any portion thereof) in the Master Lease to any third party;

10.2 City does not owe Lessee any money or other performance under the Master Lease;

10.3 City is not in default under the Master Lease;

10.4 The Master Lease is in full force and effect; there have been no amendments, modifications, changes, or additions to the Master Lease since its execution; and

10.5 Lessee is not in default or breach under the Master Lease and no event has occurred that would constitute a default or breach under the Master Lease by Lessee, without regard for any requirement to give notice and/or due to the passage of time.

11. CEQA. City's compliance with the California Environmental Quality Act ("CEQA") with respect to this Consent is set forth in Attachment "B," attached hereto and incorporated herein by reference.

12. No Fee Title Encumbrance. Nothing in this Consent or any document referenced in this Consent is intended to create or authorize the creation of any transfer, lien, or encumbrance affecting the fee title to the Master Premises.

[Remainder of page intentionally blank. Signatures appear on the following page.]

**SIGNATURE PAGE
TO
CONSENT TO SUBLICENSE
(CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.)**

IN WITNESS WHEREOF, this Consent is made and entered into by and through the signatures of the respective authorized representative(s) of City and Lessee, as set forth below:

THE CITY OF SAN DIEGO, a California
municipal corporation

Date: Jul 23, 2024

By: *Lucy Contreras*

Lucy Contreras
Deputy Director
Economic Development Department

Approved as to form on Jul 23, 2024

MARA W. ELLIOTT
City Attorney

By: *Brian Byun*
Brian Byun (Jul 23, 2024 16:27 PDT)
Brian W. Byun
Deputy City Attorney

CHSP TRS MISSION BAY LLC, a Delaware
limited liability company

By: *[Signature]*
Name: Sean M. Dell'Oro
Title: VP & Treasurer
Date: 7/2/2024

CHSP MISSION BAY LLC, a Delaware
limited liability company

By: *[Signature]*
Name: Sean M. Dell'Oro
Title: VP & Treasurer
Date: 7/2/2024

**EXHIBIT A
TO
CONSENT TO SUBLICENSE
(CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.)**

SUBLICENSE

[Attached behind this cover page]

EXHIBIT A

**EXHIBIT B
TO
CONSENT TO SUBLICENSE
(CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.)**

ACKNOWLEDGMENT OF RECEIPT OF CONSENT TO SUBLICENSE

(CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.)

DISH Wireless L.L.C., a California Limited Liability Company ("**Sublicensee**"), makes the following acknowledgments, representations, and warranties for the benefit of The City of San Diego, a California municipal corporation ("**Master Landlord**"), as "Lessor" under that certain Lease Agreement, filed as document RR-300863 in the Office of the San Diego City Clerk ("**Master Lease**"), relating to that certain City-owned real property described in Exhibit "C" attached to the Master Lease ("**Master Premises**"), entered into by CHSP MISSION BAY LLC, a Delaware limited liability company, d.b.a. Hyatt Regency Mission Bay Spa and Marina, as the "**Lessee**":

1. Sublicensee acknowledges entering that certain Sublicense with Sublessee, dated 7/9/2024 ("**Sublicense**"), for Sublessee to sublicense that certain portion of the Master Premises consisting of:

(a) Non-Exclusive Right to Install Telecommunications Equipment:

2. Sublicensee acknowledges receipt of a copy of that certain Consent to Sublicense (CHSP MISSION BAY LLC: CHSP TRS MISSION BAY LLC - DISH Wireless L.L.C.), dated _____, between Master Landlord and Lessee relating to the Sublicense ("**Consent**").

3. Sublicensee further acknowledges receipt of a copy of the Master Lease prior to entering the Sublicense.

4. Sublicensee further acknowledges, represents, and warrants that a true and correct copy of the Sublicense is attached as Exhibit "A" to the Consent.

Date:

June 18, 2024

DISH Wireless L.L.C., a California Limited Liability Company

By:

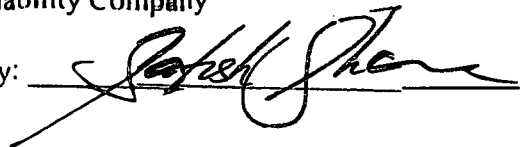


EXHIBIT B

02/27/2024

Attachment B

Environmental Determination (NORA)	
Environmental Planner	Greg Johansen (gjohansen@sandiego.gov)
Environmental Determination	The City of San Diego conducted an environmental review and determined the project is exempt pursuant to State CEQA Guidelines Section 15301 (Existing Facilities), which consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use. The exceptions listed in CEQA Guidelines Section 15300.2 would not apply in that no cumulative impacts were identified; no significant effects on the environment were identified; the project is not adjacent to a scenic highway; no historical resources would be affected by the action; and the project was not identified on a list of hazardous waste sites pursuant to Section 65962.5 of the Government Code.
Date NORA Posted	02/09/2024
Date NORA Removed	02/27/2024

Licensee Site No.: SDSAN00432A

SPACE LICENSE AGREEMENT

BETWEEN

CHSP TRS MISSION BAY LLC

AND

DISH WIRELESS L.L.C.

TABLE OF CONTENTS

<u>Paragraph</u>	<u>Page No.</u>
1. <u>LICENSED AREA</u>	1
2. <u>USE OF LICENSED AREA</u>	1
3. <u>TERM</u>	1
4. <u>FEES</u>	2
5. <u>INSTALLATION AND OPERATING PROCEDURES</u>	3
6. <u>INTERFERENCE</u>	5
7. <u>MAINTENANCE AND REMOVAL OF THE EQUIPMENT; HOTEL MAINTENANCE</u>	6
8. <u>HAZARDOUS SUBSTANCES</u>	6
9. <u>INSURANCE</u>	7
10. <u>LICENSEE'S INDEMNITY</u>	8
11. <u>LIENS</u>	9
12. <u>OWNERSHIP OF THE EQUIPMENT</u>	9
13. <u>LICENSOR RIGHT TO ENTER OR GRANT ENTRY</u>	10
14. <u>LICENSEE'S PROPERTY; RISK OF LOSS</u>	10
15. <u>TERMINATION</u>	10
16. <u>HOLDING OVER</u>	12
17. <u>SUBLICENSING AND ASSIGNMENT</u>	12
18. <u>RELOCATION OF LICENSED AREA</u>	13
19. <u>EMPLOYEES</u>	13
20. <u>NATURE OF LICENSE</u>	13
21. <u>NOTICES</u>	14
22. <u>DEFAULT UNDER OTHER LICENSE</u>	15
23. <u>NON-AGENCY, ADVERTISING, NO USE OF NAMES</u>	15
24. <u>REPRESENTATIONS AND WARRANTIES OF LICENSEE</u>	16
25. <u>TAXES</u>	16
26. <u>INDEPENDENT CONTRACTOR</u>	17
27. <u>DRAFTING AND PREPARATION</u>	18
28. <u>SEVERABILITY</u>	18
29. <u>ENTIRE AGREEMENT</u>	18

Licensee Site Name:

30.	<u>ATTORNEYS' FEES</u>	18
31.	<u>AUTHORITY</u>	18
32.	<u>CONFIDENTIALITY</u>	18
33.	<u>MISCELLANEOUS</u>	19
	<u>EXHIBIT A - RADIO COMMUNICATIONS EQUIPMENT DESCRIPTION</u>	A-1
	<u>EXHIBIT B - DESCRIPTION OF LICENSED AREA</u>	B-1
	<u>EXHIBIT C - COPIES OF APPLICATIONS AND FCC OPERATING LICENSES</u>	C-1

SPACE LICENSE AGREEMENT

THIS SPACE LICENSE AGREEMENT (this "Agreement") is entered into as of _____, 2023 (the "Effective Date") by and between CHSP TRS MISSION BAY LLC, a Delaware limited liability company (hereinafter referred to as "Licensor") and DISH WIRELESS L.L.C., a Colorado limited liability company (hereinafter referred to as "Licensee");

WHEREAS, Licensor owns or operates the hotel located at 1441 Quivira Road, San Diego, CA 92109, commonly known as the Hyatt Regency Mission Bay Spa and Marina (together with its related and ancillary facilities, the "Hotel"); and

WHEREAS, Licensor desires to grant to Licensee the non-exclusive right to install certain telecommunications equipment at the Hotel and Licensee desires to acquire such right; and

NOW, THEREFORE, the parties agree as follows:

1. LICENSED AREA

a. Licensor shall designate and furnish specific locations at the Hotel in such locations deemed reasonable by Licensor and Licensee for the placement of Licensee's equipment and related cabling and wiring listed on Exhibit A attached hereto (hereafter, the "Equipment"). All such location(s) as it/they may change from time-to-time shall be called the "Licensed Area". The Licensed Area shall be furnished in an "AS IS" condition by Licensor. Unless changed pursuant to the terms of this Agreement, the Licensed Area is the area depicted on Exhibit B attached hereto.

b. Licensee shall, at its sole cost and expense, install its equipment and construct any other improvements necessary including connections for power and telephone lines, as further defined in Paragraph 5 hereof.

c. Costs for use of telephone lines and electrical power shall be at Licensee's sole cost and expense.

2. USE OF LICENSED AREA

Licensee shall use the Licensed Area only for the installation, maintenance and operation of the Equipment and for no other use, furnishings, or equipment without Licensor's prior written approval.

3. TERM

a. Initial Term. Unless sooner terminated or further renewed as provided herein, the term ("Term") of this Agreement shall be for a term of five (5) years commencing on the earlier of (i) June 1, 2023 or (ii) the first day of the month after Licensee begins installation of Licensee's communications equipment (the "Commencement Date").

- b. Renewal Terms. Licensee has the conditional right (the "Renewal Option") to extend the Initial Term of this Agreement for two (2) additional consecutive terms (the "First Renewal Term" and the "Second Renewal Term" and, each, a "Renewal Term") of five (5) years each beyond the Initial Term, upon the same terms and conditions set forth in this Agreement (except that there will be no further privilege of extension, and except that the Fee shall escalate as provided below), provided that the following conditions are met: (i) Licensee notifies Licensor in writing of its election to exercise its Renewal Option at least ninety (90) days prior to the expiration date of the then-current Term (the "Renewal Notice"); (ii) at the time of the Renewal Notice and for the remainder of the then-current Term thereafter, there is no default under this Agreement which is not remedied within the applicable cure periods set forth in this Agreement; (iii) this Agreement has not terminated prior to the commencement of the applicable Renewal Term; and (iv) this Agreement has not been assigned and/or sublet as of the date of the Renewal Notice and/or the commencement date of the applicable Renewal Term, except for a permitted transfer pursuant to the terms of Paragraph 17 of this Agreement. If Licensee timely and properly exercises its Renewal Option, the annual Fee payable by Licensee to Licensor during the applicable Renewal Term shall be as set forth in Sections 4(c) and (d) below. If Licensee fails to timely notify Licensor of its desire to exercise its Renewal Option, then Licensee shall be deemed to have conclusively waived its Renewal Option. The Initial Term and all renewal terms shall be collectively referred to herein as the "Term."

4. FEE

a. Fee. In consideration of the rights granted herein, Licensee will pay Licensor an annual fee (the "Fee") equal to Thirty Thousand and 00/100 Dollars (\$30,000.00, to be paid in equal monthly installments of \$2,500.00 in accordance with Section 4(b), subject to increase annually as hereinafter set forth. The annual Fee shall be increased on each annual anniversary of the Commencement Date (yearly) by an amount equal to three percent (3%) of the Fee in effect during the previous year.

b. Fees are due and payable in lawful US currency. Installments of the Fee are due on the first (1st) day of each month, in advance, and shall be paid to Licensor's rooftop manager Patriot Communications LLC at Everest Infrastructure Partners, Two Allegheny Center, Nova Tower 2 Suite 1002, Pittsburgh, PA 15212, or at such other location as may be designated by Licensor in writing at least (thirty) 30 days in advance of the effective date of the change. Upon agreement of the parties, Licensee may pay the Fee by electronic funds transfer and in such event, Licensor agrees to provide to Licensee bank routing information for such purpose upon request of Licensee. If the Commencement Date of this Agreement is other than the first day of a calendar month, Licensee must pay on or before the first day of the Term the prorated Fee for the remainder of the calendar month in which the Term commences and the Fee for the first full calendar month of the Term, and thereafter Licensee shall pay each succeeding full month's Fee on or before the first day of each calendar month, except that payment shall be prorated for any final fractional month of this Agreement.

c. If Licensee timely and properly exercises its Renewal Option for any Renewal Term, the annual Fee payable by Licensee to Licensor during the first (1st) year of the applicable Renewal

Term shall be equal to one hundred three percent (103%) of the annual Fee payable hereunder during the one-year period immediately preceding the commencement of the applicable Renewal Term. During each Renewal Term, the annual Fee shall continue to escalate by three percent (3%) per year on each annual anniversary of the Commencement Date of the applicable Renewal Term and shall continue to be paid in equal monthly installments pursuant to the terms of this Agreement.

5. INSTALLATION AND OPERATING PROCEDURES

a. Licensee shall operate the Equipment during the Term hereof in compliance with all present and future rules and regulations imposed by any local, state or federal authority having jurisdiction with respect thereto (including, without limitation, the rules and regulations of the Federal Communications Commission (the "FCC") and the Federal Aviation Administration (the "FAA")), and comply with all applicable United States and local trade laws, investment sanctions, export controls, anti-terrorism, anti-boycott, anti-money laundering, anti-bribery laws, and other applicable federal, state or local rules, regulations and governmental requirements. Licensee shall attach as Exhibit C to this Agreement, copies of all applications for all FCC operating licenses (if required) and copies of other licenses which it has been issued pertinent to this Agreement. Licensee shall maintain at all times any licenses, permits and approvals necessary for the installation or operation of the Equipment. Licensor shall cooperate with Licensee at Licensee's cost in securing licenses, permits and approvals. Licensor shall have no liability to Licensee for any failure or inability of Licensee to obtain any necessary licenses, permits or approvals and no such failure or inability shall reduce Licensee's obligations under this Agreement. Prior to installation of the Equipment, and prior to the making of any modifications, alterations, improvements, supplements, upgrades, replacements or changes of any Equipment, if any, Licensee shall comply with the following:

i) Licensee shall submit in writing all plans for such modifications, alterations, improvements, supplements, upgrades, replacements, changes or removal, for Licensor's approval. No equipment shall be installed or added to, or modified, altered, improved, supplemented, upgraded, replaced, or changed or removed from the Licensed Area, without Licensor's prior written consent.

ii) Prior to commencement of any work, Licensee shall obtain Licensor's prior written approval, and the required approvals of all federal, state and local agencies. If requested, Licensee shall promptly deliver to Licensor written proof of compliance with all applicable federal, state and local laws, rules and regulations in connection with any installations, modifications or changes to or removal of the Equipment that it has in its possession.

iii) All of such modifications, installations, changes, removals or other work shall conform to Licensor's design specifications, weight and wind-load requirements, and shall not interfere with any other radio communications systems and equipment located in and upon the Licensed Area or elsewhere in the Hotel, and shall be in compliance with all applicable local, state and federal government requirements, including but not limited to zoning, FAA and FCC specifications.

- iv) All of the Equipment shall be clearly marked with waterproof labels to show Licensee's name, address, telephone number and the name of the person to contact in case of emergency, FCC call sign, frequency and location. All coaxial or other cable relating to the Equipment shall be identified in the same manner at the bottom and top of the line. All Equipment shall be installed in a manner so as to be reasonably inaccessible to unauthorized persons and to pose no hazard to safety of life or property with respect to persons or property on or about the Hotel.
- b. Licensors reserves the absolute right to withhold approval in all matters where Licensors approval is required, if Licensors should determine (in its sole discretion), that Licensee's Equipment or operations pose a threat of interference or other disruption to the business of the Hotel or Licensors or to other existing, licensee(s), or tenant(s) or equipment.
- c. In the event Licensee requires an electric power supply, telecommunications or fiber connections, and/or usage different from that currently provided by Licensors (any of the above, a "Utility Connection"), Licensee, at its sole cost and expense, shall obtain any such Utility Connection. In the event it is necessary to install such additional Utility Connections, Licensors agrees to grant Licensee or the provider of the Utility Connection the right to install such services on, through, over, and/or under the Hotel, provided the location of such Utility Connection shall be reasonably approved by Licensors. Any work performed in connection with this Subparagraph c. shall comply with provisions of Subparagraph a. above. Licensee hereby agrees that any power, fiber or telecommunication lines installed by Licensee shall run within the current easements of local utilities or other routes or conduits approved in writing by Licensors, and any deviation from such routes shall be corrected at Licensee's expense. Licensee shall maintain all such lines, services and Utility Connections in good condition and repair, in compliance with applicable laws and safety standards, at Licensee's sole cost.
- d. In the event a zoning variance is required in connection with the installation or modification of the Equipment, Licensors shall have the right, at its sole discretion, to either (i) cancel this Agreement, or (ii) allow Licensee, at Licensee's sole cost, risk and expense, to obtain such variance.
- e. In order to assure Licensee's compliance with the provisions of this Agreement, the plans and specifications for the Equipment and any modifications thereto shall be submitted to engineers and consultants selected by Licensors for review and approval. Licensee shall reimburse Licensors for Licensors's reasonable out-of-pocket expenses incurred in connection with such review and approval up to a maximum of Five Thousand and 00/100 Dollars (\$5,000.00) per review which amount shall increase by 2% annually. All work performed at the Hotel in connection with the installation and modification of the Equipment shall be performed in a workmanlike manner in compliance with Subparagraph a. above by contractors approved by Licensors, at Licensee's expense, and all subcontractors shall be properly licensed. No such work shall be performed until Licensors's approval has been obtained.
- f. If Licensee requires access to the Licensed Area, Licensee shall provide twenty-four (24) hours prior notice to the Hotel's director of property operations or the manager on duty for such access. In the event of an emergency, Licensee may have access to the Equipment with reasonable

notice to the above Hotel officials. Licensor shall not unreasonably deny access.

6. INTERFERENCE

a. The installation and/or operation of the Equipment shall not interfere in any way, including, but not limited to, by way of any transmission or emission by electromagnetic, radio, wireless, satellite, cellular, analog or digital transmissions or microwave, in any manner whatsoever, including, but not limited to, health, mechanical, physical or electrical effects, with (i) Licensor's equipment, facilities, operations or guests; (ii) any present or future licensee, guest or tenant in the Hotel; or (iii) any other third party, including, but not limited to, any radio or other systems operated by Licensor, the Hotel, its tenants, the FAA, or any other governmental or quasi-governmental agencies operating in or about the Hotel, no matter where or when such systems are installed. Notwithstanding anything in this Agreement to the contrary, it is expressly understood and agreed that if the installation or operation of the Equipment shall interfere with any such systems, facilities or operations, or any other radio communications systems and equipment at any time (except as specified herein), Licensee shall, upon notice from Licensor, immediately suspend operation of the interfering equipment (except for intermittent testing) and work with Licensor to do whatever is reasonably necessary to eliminate or remedy such interference. If Licensee is unable to rectify the interference within thirty (30) days, then Licensor, upon the expiration of the thirty (30) day cure period, at its option, may terminate this Agreement, disconnect power and require Licensee to remove any and all of the Equipment at Licensee's sole cost and expense, or Licensor may (without termination of the Agreement) eliminate or remedy such interference at Licensee's sole cost and expense. Licensee's duty to pay all Fees required under this Agreement shall continue through any cure period and despite any suspension of Licensee's operations pursuant to this Paragraph 6.

b. Licensee acknowledges that Licensor has licensed, and/or will continue to license space at and upon the Hotel to third parties for the installation and operation of radio communication facilities. Licensee accepts this Agreement with this knowledge and waives any and all claims against Licensor resulting from or attributable to interference caused by presently existing or future facilities or methods of operation employed by Licensor or by any other licensee or tenant of Licensor. In the event that any such interference occurs, Licensee's sole remedy, in lieu of any and all other remedies at law, or in equity, shall be to terminate this Agreement at any time thereafter by giving Licensor thirty (30) days' prior written notice to that effect, and such termination shall be effective at the end of such thirty (30) day period. Licensee shall pay to Licensor any Fees due for the period up to the termination of this Agreement and shall remove its Equipment and restore the Licensed Area to as near its condition at the start of the Term as possible at Licensee's expense. Any advance Fee payments for periods after the termination of this Agreement will be reimbursed to Licensee.

c. The foregoing notwithstanding and without modifying Licensee's sole remedy listed above, Licensor shall use commercially reasonable efforts to prevent future installations from interfering with the Equipment.

7. MAINTENANCE AND REMOVAL OF THE EQUIPMENT; HOTEL MAINTENANCE

a. Licensee, at its sole cost and expense, shall be responsible for the maintenance of the Equipment and improvements installed by or on behalf of Licensee, if any, at the Hotel and shall keep the Licensed Area neat and clean, in accordance with all applicable laws and regulations and this Agreement. Licensee shall not create any nuisance, interfere with, annoy or disturb any other licensee of Licensor or any licensee, tenant or guest of the Hotel. Licensor, at its sole cost, shall maintain the Licensed Area in good repair to permit Licensee to use the Licensed Area at the Hotel solely for the purposes as described in this Agreement. Licensor shall have no obligation to obtain licenses for Licensee, or to maintain, insure, operate or safeguard the Equipment. All maintenance work shall be subject to prior approval of Licensor and shall be performed by contractors previously approved by Licensor, which approvals shall not be unreasonably withheld, conditioned, or delayed. In the event Licensor, in its opinion, determines that any structural modifications or repairs need to be made to any portion of the Hotel as a result of the presence of the Equipment or other improvements, Licensor shall have the right to (i) terminate this Agreement by giving written notice to Licensee, or (ii) notify Licensee of the needed modifications and repairs, and Licensee, at its sole cost and expense, shall immediately make all such noticed modifications or repairs in accordance with the terms of this Agreement.

b. Provided that Licensee is not in default in the performance of its obligations hereunder, at the expiration or earlier termination of this Agreement for any reason, and at Licensor's direction, Licensee shall remove all the Equipment at Licensee's sole cost and expense in accordance with the terms of this Agreement. Licensee's removal of the Equipment shall be performed by a contractor previously approved in writing by Licensor and in accordance with a previously approved removal plan, both of which approvals shall not be unreasonably delayed, conditioned or delayed. The removal of the Equipment shall be performed in a workmanlike manner, without creating any interference, damage or destruction to any other equipment, structures or operations at the Hotel or to any other equipment of other licensees thereon, ordinary wear and tear excepted. If Licensee fails to remove such Equipment within sixty (60) days following expiration or earlier termination of this Agreement, Licensor may remove the Equipment at Licensee's expense. All such interference or damage caused to the Hotel or Equipment of other licensees shall be immediately repaired or eliminated by Licensee. In the event Licensee fails to make such repairs within thirty (30) days of receipt of notice of such needed repairs, Licensor may perform all the necessary repairs at Licensee's cost and expense and such sum shall be immediately due upon the rendering of an invoice as an additional Fee hereunder. Any Equipment or other Licensee property not so removed within sixty (60) days after the expiration or earlier termination of this Agreement shall, at Licensor's option, be considered abandoned and shall thereupon be considered Licensor's sole property.

8. HAZARDOUS SUBSTANCES

a. Licensee represents, warrants and covenants that it will conduct its activities at the Hotel in compliance with all applicable Environmental Laws (as hereinafter defined). Licensor represents, warrants and agrees that it will conduct its activities at the Hotel in compliance with all applicable

Environmental Laws.

b. Licensee agrees to defend, indemnify and hold Licensor harmless from and against any and all claims, causes of action, demands and liability including but not limited to, damages, costs, expenses, assessments, penalties, fines, losses, judgments and reasonable attorneys' fees that Licensor may suffer due to the existence or discovery of any Hazardous Substance (as hereinafter defined) at the Hotel, or the migration of any Hazardous Substance to other properties or released into the environment, to the extent caused by or resulting from Licensee's activities at the Hotel. Licensee shall not be responsible for any Hazardous Substances that existed at the Licensed Area prior to the Effective Date or that otherwise do not result from the activities of Licensee; provided that Licensee shall be responsible to the extent Licensee's operations, actions or inactions have exacerbated any pre-existing condition of which Licensee is aware or should reasonably have been aware.

c. The indemnification in this Paragraph 8 shall survive the expiration or earlier termination of this Agreement.

d. As used in this Paragraph 8, "Environmental Laws" means all federal, state and local environmental laws, rules, regulations, ordinances, judicial or administrative decrees, orders, decisions authorizations or permits pertaining to the protection of human health and/or the environment, including, but not limited to, the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq., the Clean Air Act, 42 U.S.C. §7401 et seq., the Emergency Planning and Community Right to Know Act, 42 U.S.C. §1101 et seq., the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §9601 et seq., the Toxic Substances Control Act, 15 U.S.C. §2601 et seq., the Oil Pollution Control Act, 33 U.S.C. and any other comparable local, state or federal statute or ordinance pertaining to the environment or natural resources and all regulations pertaining thereto. This definition includes all federal, state and local land use laws dealing with environmental sensitivity, including, but not limited to, laws regarding wetlands, steep slopes, aquifers, critical or sensitive areas, shorelines, fish and wildlife habitats or historical or archeological significance.

e. As used in this Paragraph 8, "Hazardous Substance" means any hazardous substances as defined by the Comprehensive Environmental Response, Compensation and Liability Act, as amended from time-to-time; any hazardous waste as defined by the Resource Conservation and Recovery Act of 1976, as amended from time-to-time; any and all materials or substances defined as hazardous pursuant to any federal, state or local laws or regulations or orders and any substance which is or becomes regulated by any federal, state or local governmental authority; any oil petroleum products and their by-products.

9. INSURANCE

Licensee shall maintain in force during the Term of this Agreement, at its own expense with responsible insurance companies licensed, authorized or permitted to do business in the State or Commonwealth in which the Hotel is located, a policy of commercial general liability insurance covering all claims of bodily injury and/or property damage arising out of or resulting from the actions or inactions of Licensee and its agents and contractors or from Licensee's use and occupancy of the

Licensed Area and the operations conducted thereon, in an amount of **FIVE MILLION AND NO/100THS DOLLARS (\$5,000,000)** per occurrence and **FIVE MILLION AND NO/100THS DOLLARS (\$5,000,000)** general aggregate including contractual liability. Licensee shall also provide Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in the Licensee's operations at a limit of **TWO MILLION AND NO/100THS DOLLARS (\$2,000,000)** combined single limit each accident for bodily injury and property damage and statutory Worker's Compensation and Employers Liability insurance in an amount of **ONE MILLION DOLLARS (\$1,000,000)** per accident, per disease policy limit and per disease per employee.

The Commercial General Liability and Automobile Liability policies shall include **Licensors, Park Hotels & Resorts Inc., Hyatt Corporation, their respective affiliates, subsidiaries, and their respective officers, directors, and employees, and Licensors' rooftop manager (currently Patriot Communications LLC)** as Additional Insureds. All policies of insurance of Licensee shall be considered primary to any existing similar insurance carried by Licensors, Hotel or the Hotel's owner and be written with insurance companies of good reputation that have an A.M. Best Company financial rating of "**A-: VII**" or better. Licensee shall provide Licensors with a Certificate of Insurance evidencing the requirements of this Paragraph. Copies of Certificates of Insurance evidencing all required coverage shall be delivered to the Licensors and Hotel by Licensee and must be kept current during the Term of this Agreement.

Licensee may, at its option, purchase insurance to cover its personal property. In no event shall Licensors be liable for any damage to or loss of personal property sustained by Licensee, whether or not it is insured, even if such loss is caused by the negligence of Licensors, its employees, officers, directors, or agents.

In addition, Licensee shall require that any contractor and/or subcontractor installing, modifying, maintaining or removing the Equipment maintain substantially the same insurance as required of Licensee, including, but not limited to, the requirement that policies include all of the parties identified above as an Additional Insured.

10. INDEMNITY

a. Licensee hereby agrees to indemnify, defend and hold Licensors and those named above as Additional Insureds (collectively, the "Indemnitees") harmless from and against any and all claims, liabilities, damages, fines, penalties or costs of whatever nature (including reasonable attorneys' fees), except as and to the extent (1) occasioned or contributed to by the negligence of an Indemnatee, or (2) otherwise prohibited by applicable law, arising out of or in any way connected with, and whether by reason of death of or injury to any person or loss of or damage to any property or otherwise, arising out of or in any way connected with the presence of the Equipment at the Hotel or the actions or omissions of Licensee, its employees, contractors or agents under this Agreement, Licensee's representations, warranties, covenants, and agreements hereunder, the services provided by Licensee or any licensees or other subcontractors, of Licensee hereunder or any related act or failure to act by Licensee, its agents, licensees, subcontractors, servants, employees or invitees, including, without limitation, the use of the Licensed Area and any allegation that the Equipment or any part of it infringes any rights of any other person, including, without limitation, any copyright, patent, trade secret, trademark, artist rights, droit

moral, privacy, publicity, intellectual property or other laws, except as and to the extent (1) occasioned or contributed to by the negligence of an Indemnitee or an agent or employee of the Indemnitees, or any of them, or (2) prohibited by applicable law. In the event that any claim is made or any action or proceeding is brought against the Indemnitees, or any of them, arising out of or connected with this Agreement, any such Indemnitee may by notice to Licensee, elect to require Licensee, at Licensee's expense, to resist such claim or take over the defense of any such action or proceeding and employ counsel for such purpose, such counsel to be subject to the prior approval of such Indemnitee.

b. Licensors will provide Licensee with prompt, written notice of any claim covered by this indemnification; provided that any failure of Licensors to provide any such notice, or to provide it promptly, shall not relieve Licensee from its indemnification obligation in respect of such claim, except to the extent Licensee can establish actual prejudice and direct damages as a result thereof. Licensors will cooperate appropriately with Licensee in connection with Licensee's defense of such claim. Licensee shall defend any indemnified party, at Licensee's request, against any claim with counsel reasonably satisfactory to Licensors. Licensee shall not settle or compromise any such claim or consent to the entry of any judgment without the prior written consent of each indemnified party and without an unconditional release of all claims by each claimant or plaintiff in favor of each indemnified party.

c. Licensors shall indemnify and hold Licensee harmless against any claim of liability or loss from personal injury or property damage resulting from or arising out of the negligence or willful misconduct of Licensors, its employees, contractors, or agents, except to the extent such claims or damages may be due to or caused by the negligence or willful misconduct of Licensee, or its employees, contractors or agents. Licensee will provide Licensors with prompt, written notice of any claim covered by this indemnification; provided that any failure of Licensee to provide any such notice, or to provide it promptly, shall not relieve Licensors from its indemnification obligation in respect of such claim, except to the extent Licensors can establish actual prejudice and direct damages as a result thereof. Licensee will cooperate appropriately with Licensors in connection with Licensors's defense of such claim. Licensors shall defend any indemnified party, at Licensee's request, against any claim with counsel reasonably satisfactory to Licensee. Licensors shall not settle or compromise any such claim or consent to the entry of any judgment without the prior written consent of each indemnified party and without an unconditional release of all claims by each claimant or plaintiff in favor of each indemnified party.

11. LIENS

Licensee covenants and agrees to keep the equipment and property of Licensors, the Hotel and the Licensed Area free and clear from any and all liens for work performed or materials furnished hereunder, and Licensee agrees to indemnify the Indemnitees from and against any and all costs, expenses, losses and all damage resulting from the filing of any such liens against Licensors and the Hotel or the Licensed Area of Licensors and the Hotel.

12. OWNERSHIP OF THE EQUIPMENT

Ownership of the Equipment shall at all times be and remain vested in Licensee. The Equipment

shall not under any circumstances constitute, be, or be deemed to be fixtures annexed to Licensor's real property, and the Equipment shall at all times be and remain free and clear of any claims, liens, or encumbrances created by Licensor.

13. LICENSOR RIGHT TO ENTER OR GRANT ENTRY

Licensor shall have the right, without liability to Licensee, to allow a duly authorized officer or agent of a federal, state or local governmental agency, admittance to the Licensed Area at any time and from time-to-time, as needed or requested by such agency. Provided, however, that Licensor shall endeavor to provide Licensee with as much notice as is reasonably possible of the governmental agency's request for such admittance to the Licensed Area to allow Licensee to provide an escort to the duly authorized officer or agent. It is specifically understood that such agency need not obtain a search warrant or provide a subpoena.

14. LICENSEE'S PROPERTY; RISK OF LOSS

All property belonging to Licensee, its employees, agents, or invitees, contractors, subcontractors, or any occupant of the Licensed Area, or the Licensed Area, shall be there at the risk of Licensee or such other person only, and Licensor shall not be liable for damage thereto for theft or misappropriation thereof regardless of cause or fault; further, Licensee shall indemnify and hold harmless Licensor, the Indemnities and the Hotel from any claims, causes of action arising from theft or misappropriation of the property belonging to the aforementioned. Nothing herein to the contrary shall require Licensee to indemnify or hold harmless Licensor for the intentional tortious acts of Licensor's employees or agents under this Paragraph 14. The burden of proving such intent shall be upon Licensee.

15. TERMINATION

This Agreement shall be subject to termination by Licensor upon the occurrence of any of the following events:

- a. If Licensee shall fail to pay the sums to Licensor called for in Paragraph 4 or elsewhere herein and such failure continues for fifteen (15) days after written notice that the same is due, or immediately upon notice from Licensor if Licensee shall fail to pay any such sums when due on more than two (2) occasions in any twelve (12) month period;
- b. If Licensee shall violate or breach any of the terms, conditions or covenants hereof and shall not remedy such violation or breach within thirty (30) days after written notice by Licensor to Licensee of such violation or breach;
- c. If Licensee's operation and use of the Licensed Area shall at any time violate or fail to conform to covenants, conditions, standards or practices established herein or as may be modified or supplemented by Licensor from time-to-time in writing to Licensee, and such noncompliance is not cured within ten (10) business days after written notice by Licensor to Licensee of such noncompliance; provided, that, if the nature of such noncompliance is curable but that the same cannot with due diligence be cured within ten (10) business day period, Licensee shall not be deemed to be subject to termination, if it shall within such ten (10) business day period commence

to cure and thereafter diligently prosecutes the same to completion within an additional period not greater than sixty (60) days;

d. If Licensee shall make an assignment for the benefit of creditors, or files a voluntary petition in bankruptcy, or is adjudged insolvent, or admits in writing its inability to meet its obligations as they mature, or if a permanent receiver of all or any portion of Licensee's property shall be appointed in any judicial proceeding, or there shall be entered against it an order adjudicating it a bankrupt or insolvent or an order appointing a liquidator, receiver or trustee for it or all or substantially all of its assets or approving as properly filed against it a petition seeking reorganization, arrangement or other proceeding under any bankruptcy or other law for the relief of debtors, which order shall continue unstayed and in effect for, or which proceeding shall not be terminated and Licensee released from such proceeding within thirty (30) days, or if Licensee shall attempt to assign or encumber this Agreement or permit any other person, firm or corporation to conduct the business or services provided for hereunder;

e. Licensors may terminate this Agreement, if Licensee attempts to assign or encumber this Agreement or permit any other person, firm, or corporation to conduct the business or services provided for hereunder except as authorized in this Agreement;

f. If any statute, ordinance, rule or regulation hereafter promulgated by any legislative body or agency having jurisdiction over the Licensee shall prohibit the operation of the Licensed Area by Licensee as provided for herein;

g. In the event that: (i) The premises upon which the Licensed Area is located should be sold; (ii) Licensors should assign its rights to the Hotel to a third party, or (iii) Licensors proposes, or is required for any reason, to renovate or demolish the Hotel or a substantial portion thereof which includes all or a portion of the Licensed Area, then Licensors shall have the right, upon not less than one hundred eighty (180) days prior written notice to Licensee, to terminate this Agreement;

h. If the Licensed Area is damaged by fire, explosion, casualty, or other similar occurrence to the extent that it substantially and adversely affects the effective use of the Licensed Area and the Licensed Area is no longer reasonably effective for use as contemplated by this Agreement, then within sixty (60) days after the event causing the damage, Licensors must notify Licensee whether or not it elects to repair or rebuild the Licensed Area. If Licensors elects to repair or rebuild the Licensed Area, it shall proceed diligently toward that end. If the damage is not substantially repaired within one (1) year after the event causing the damage, Licensee may terminate this Agreement by notice to Licensors within ten (10) days thereafter. If Licensee does not, this Agreement will continue in effect.

i. If Licensors elects not to repair or rebuild, this Agreement will terminate on the day Licensors gives notice to that effect. In such event, all rights and obligations of the parties shall cease as of the date of the damage or destruction, and Licensee shall be entitled to the reimbursement of any Fees prepaid by Licensee. All Fees shall abate from the date of the casualty until the Licensed Area is restored to the condition existing immediately prior to such damage or destruction.

j. Notwithstanding the foregoing, if the event producing the damage is caused by Licensee's negligent act or omission, or the negligent act or omission of Licensee's servants, employees, agents, visitors or invitees, the required repairs will be at Licensee's expense and Licensee shall not have the right to terminate this Agreement for failure to complete those repairs; or,

k. If Licensee becomes a "Restricted Person" as defined herein, or fails to comply with the Restricted Persons or anti-bribery provisions, including a breach of the representations set forth in Paragraph iv.24 herein, or Licensor discovers through notice from Licensee or through our Licensor's investigation that the representations regarding restricted persons are or have become false.

l. This Agreement shall be subject to termination by Licensee upon the occurrence of any of the following events:

- i. any applications for any government approvals should be finally rejected;
- ii. any government approval issued to Licensee is canceled, expires, lapses or is otherwise withdrawn or terminated by any government entity;
- iii. Licensee determines that such government approvals may not be obtained in a timely manner;
- iv. Licensee determines any structural analysis of the Hotel is unsatisfactory.

16. HOLDING OVER

a. If Licensee, with Licensor's consent, leaves the Equipment in the Licensed Area after expiration or earlier termination of this Agreement, or after the date in any notice given by Licensor to Licensee terminating this Agreement, such event shall be deemed to be a month-to-month holdover terminable on thirty (30) days' notice given at any time by either party. All provisions of this Agreement except those pertaining to the Term of this Agreement shall apply to the month-to-month holdover.

b. If Licensee, without Licensor's consent, leaves its Equipment in the Licensed Area after expiration or earlier termination of this Agreement, or after the date in any notice given by Licensor to Licensee terminating this Agreement, Licensee shall pay to Licensor Fees at one hundred and fifty percent (150%) the rate as defined in Paragraph 4 hereof, for the time Licensee thus remains in the Licensed Area, and in addition thereto, shall pay Licensor damages owed to a successor user or the space payable by Licensor, or otherwise suffered by Licensor, as a result of Licensee's failure or refusal to vacate the Licensed Area.

17. SUBLICENSING AND ASSIGNMENT

Licensee may not sublicense the Licensed Area or assign the Agreement or any rights and obligations hereunder without prior written consent of the Licensor, given or withheld in its sole

discretion; provided, however, Licensee may, without the consent of Licensor, assign this Agreement to: (i) any entity in which Licensee directly or indirectly holds an equity or similar interest; (ii) any entity which directly or indirectly holds an equity or similar interest in Licensee; or (iii) any entity directly or indirectly under common control with Licensee. Additionally, Licensee may assign this Agreement to any entity which acquires all or substantially all of Licensee's assets in the market defined by the FCC in which the Hotel is located by reason of a merger, acquisition or other business reorganization without approval or consent of Licensor, unless such assignment causes Licensor to be in violation or breach of any hotel management or franchise agreement, in which event, Licensee shall obtain the prior written consent of the Licensor. The conditions, covenants and agreements in the Agreement to be kept and performed by the parties hereto shall bind and inure to the benefit of their permitted successors and assigns.

In connection with any such transfer to which Licensor may consent, Licensee agrees to furnish Licensor with copies of all documents, and subsequent amendments thereto, executed in connection with such transfer. Any consent of Licensor to a sublicensing, assignment, or transfer of control shall be deemed to be a consent to the initial sublicensing, assignment, or transfer of control and shall not be deemed to be a consent to any further sublicensing, assignment, or transfer of control.

Further, notwithstanding any permitted sublicensing or assignment, the Licensee hereunder shall at all times remain fully responsible and liable for the payment of Fees hereunder and for compliance with all of Licensee's obligations under the terms, provisions and covenants of this Agreement.

At Licensor's request, Licensee shall provide a full and correct list of all parties that use or have been given rights to use the Equipment. Failure to provide such list on request, or any material omission from such list, shall be grounds for immediate termination.

18. RELOCATION OF LICENSED AREA

Licensor hereby reserves the right on one hundred eighty (180) days' notice to require Licensee to relocate all or a portion of the Equipment at any time during the Term at Licensor's expense. In the event that Licensee reasonably determines that such relocation will result in an unacceptable deterioration, degradation or diminution of the quality of communications services provided by Licensee, then Licensee may terminate this Agreement without further liability or penalty upon provision of thirty (30) days' prior written notice.

19. INTENTIONALLY DELETED.

20. NATURE OF LICENSE

The License granted hereby is a non-exclusive license for Licensee to use the Licensed Area solely as permitted hereunder, and is revocable according to the terms hereof. In no event shall this Agreement be deemed or construed to run with the land or create or vest any easements or other rights in Licensor's property. Licensee agrees that no permanent or possessory interest shall accrue to Licensee or its licensees in Licensor's property at any time or by exercise of the permission given hereunder, and that Licensee shall not claim any such interest in Licensor's property. **This Agreement does not create any recordable interest and shall not be recorded in any official records.**

Notwithstanding the foregoing, for the avoidance of doubt this Agreement is and shall be subject and subordinate to all mortgages that may now or hereafter affect the Hotel and to all renewals, modifications, consolidations, replacements, and extensions thereof. This subordination shall be self-operative, and no further instrument of subordination shall be required from Licensee. However, upon written request from Licensor, Licensee shall execute an instrument confirming such subordination, in such form as may be required by the mortgagee.

At any time, but not with less than thirty (30) days prior written notice, Licensee shall execute, acknowledge, and deliver to Licensor a statement in writing certifying that this Agreement is unmodified and in full force and effect (or, if there have been any modifications, that the Agreement is in full force and effect as modified and stating the modifications), the then-current Fee and the dates to which the Fee and other charges, if any, have been paid in advance, that there is not then any existing default under the Agreement by either party (or alternatively, identifying with reasonable specificity the nature of any alleged default), the then-existing expiration date of the Term and the number of un-exercised Renewal Terms (if any) then remaining, and such other factual information as may be reasonably requested.

Licensor, through its lease with CHSP Mission Bay LLC as lessor, is the sublessee of the Hotel from The City of San Diego ("Ground Lessor") pursuant to a Ground Lease dated October 4, 2005, as such Ground Lease has been or may be amended and/or assigned from time-to-time (as so amended and/or assigned, the "Ground Lease"). This Agreement will be considered a sublicense between Licensor and Licensee. Licensee and Licensor will be bound by the terms and provisions of that Ground Lease and any inconsistency or conflict between this Agreement and the Ground Lease will be resolved in favor of the latter. Licensee and Licensor each acknowledge that the Ground Lessor has rights superior to those afforded Licensor and Licensee under this Agreement. Licensee agrees to abide by the provisions of a drugfree workplace at the Hotel.

In the event of termination of the Ground Lease: (i) if required by Ground Lessor, Licensee shall attorn to and pay rents and all other charges directly to Ground Lessor, and (ii) if Ground Lessor does not require attornment, then the Agreement shall cease and expire upon the termination of the Ground Lease.

21. NOTICES

Whenever, by the terms of this Agreement, or otherwise, notice is required or desired to be given, such notice shall be effective only if in writing and served personally, via reliable, national overnight delivery service or sent by certified mail or registered mail, postage prepaid as follows:

- a. If intended for Licensor, addressed to Licensor at:

CHSP TRS Mission Bay
1441 Quivira Road
San Diego, CA 92109

Attention: General Manager

With a copy to:

Park Hotels & Resorts Inc.
1775 Tysons Boulevard, 7th Floor
Tysons, VA 22102
Attention: General Counsel's Office

and

Everest Infrastructure Partners, Inc
c/o Patriot Communications LLC
Attn: Site Administration
Two Allegheny Center
Nova Tower 2, Suite 1002
Pittsburgh, PA 15212

or such other address as Licensor may from time to time hereafter designate by like notice.

b. If intended for Licensee, addressed to Licensee at:

Dish Wireless L.L.C
Attn: Lease Administration
5701 South Santa Fe Blvd.
Littleton, Colorado 80120

or to such other address as may from time-to-time hereafter be designated by Licensee by like notice.

All notices utilizing the U.S. Mail shall be deemed given four (4) business days after the postmark thereof, if by overnight delivery it shall be deemed given on the date delivered as recorded by such delivery service, and if served personally then it shall be deemed given the day served.

22. DEFAULT UNDER OTHER LICENSE

If the term of any other license between Licensee or Licensee's affiliates and Licensor or Licensor's affiliates shall be terminated as a result of a material breach or default by Licensee under that license (after giving effect to applicable cure periods), Licensor reserves the right, upon thirty (30) days' written notice to Licensee, (a) to terminate this Agreement, or (b) to add any sums due the Licensor under that license to the Fees due under this Agreement.

23. NON-AGENCY, ADVERTISING, NO USE OF NAMES

Licensee shall not at any time represent that it is employed by Licensor, or that it is authorized to make any contracts, agreements or obligations on behalf of Licensor, the hotel manager or any of their affiliates and Licensee shall not take any actions on behalf of any of the foregoing or in the name of any of the foregoing. Licensee shall not display or distribute any advertising signs or notices

of any kind whatsoever upon the premises of the Hotel, except caution and work in progress signs and other signs required by applicable law, without the prior written permission of Licensor in each instance, any such permission to be revocable at any time thereafter without prior notice at the sole discretion of Licensor. Licensee hereby covenants and agrees not to use the name of Licensor, the Hotel, the hotel manager, any of their affiliates or any marks or other intellectual property owned by them in connection with any of Licensee's business or operations without the prior written approval of the owner of such name, mark or other intellectual property, and, in the event of such approval, only in the manner and at such times as shall be prescribed in such approval.

24. REPRESENTATIONS AND WARRANTIES

Licensee represents and warrants that there are no agreements or arrangements, whether written or oral, that would be breached by Licensee upon execution of this Agreement or that would impair or prevent Licensee from performing its obligations hereunder during the term hereof, and Licensee further represents, warrants, covenants and agrees that it has and will maintain throughout the term hereof all qualifications required to perform its obligations hereunder, and that it has not made and will not make any commitment or do any act in conflict with this Agreement. Licensee shall promptly provide Licensor, hotel manager and their affiliates with all information reasonably requested by them with respect to Licensee and its affiliates including respective officers, directors or shareholders. The information requested may include but not necessarily be limited to financial condition, personal and family background, litigation, indictment, criminal proceedings and the like in which any of the aforementioned may have been involved (collectively, the "Requested Information"), in order for the requesting party to determine that the Requested Information does not disclose any fact which might adversely affect, in any manner, any of their licenses, permits or operations or the current stature of any such party with any governmental board, commission or regulatory agency. Notwithstanding the foregoing, as long as Licensee is wholly-owned, directly or indirectly, by a public entity that files periodic reports with the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934 (or by a non-United States public entity that files comparable publicly available reports with a comparable regulatory agency under a comparable regulatory structure), the foregoing request for information shall be satisfied by identifying such public entity (and, if a non-United States public entity, identifying the source of publicly available reports) and providing a representation that such entity owns, directly or indirectly, all of the capital stock, partnership interests or other proprietary or equity interests in Licensee.

Restricted Persons and Anti-bribery Representations and Warranties. Licensee represents and warrants to Licensor that to Licensee's actual or constructive knowledge neither Licensee, including Licensee's directors and officers, senior management, shareholders or other persons having a controlling interest in Licensee, and any funding sources Licensor requires Licensee to specify, are not, and are not owned or controlled by, or acting on behalf of any of the following "Restricted Persons": (a) the government of any country that is subject to an embargo imposed by the United States government; (b) entities located in or organized under the laws of any country that is subject to an embargo imposed by the United States government; (c) individuals ordinarily resident in any country that is subject to an embargo imposed by the United States government; or (d) persons identified from time to time by any government or legal authority under applicable laws as a person with whom dealings and transactions by Licensee, Licensor and/or its entities are

prohibited or restricted, including persons designated on the U.S. Department of the Treasury's Office of Foreign Assets Control (OFAC) List of Specially Designated Nationals and Other Blocked Persons (including terrorists and narcotics traffickers); and similar restricted party listings, including those maintained by other governments pursuant to applicable United Nations, regional or national trade or financial sanctions. Licensee agrees that Licensee will notify Licensor in writing immediately upon the occurrence of any event which would render the foregoing representations and warranties of this subparagraph untrue.

Licensee further represents and warrants to Licensor that Licensee will not directly or indirectly pay, offer, give or promise to pay or authorize the payment of any monies or other things of value to:

- a. an official or employee of a government department, agency or instrumentality, state-owned or controlled enterprise or public international organization;
- b. any political party or candidate for political office; or
- c. any other person at the suggestion, request or direction or for the benefit of any of the above-described persons and entities

if any such payment, offer, act or authorization is for purposes of improperly influencing official actions or decisions or securing any improper advantage in order to obtain or retain business, or engaging in acts or transactions otherwise in violation of any applicable anti-bribery legislation.

Licensor represents and warrants to Licensee that as of the Effective Date that there are no unrecorded liens, judgments, covenants, easements, restrictions or other impediments of title that will materially adversely affect Licensee's use.

25. TAXES

Licensee shall pay all personal property taxes and assessments assessed against Licensee's Equipment, improvements, and other personal property tax on the Licensed Area and/or Hotel. Licensee shall also promptly reimburse Licensor for that portion of any increased real property taxes and assessments for the Hotel, which Licensor demonstrates are based upon Licensee's use of the Licensed Area, or improvements constructed or installed at the Licensed Area by or on behalf of Licensee. In the event that any Fees payable by Licensee to Licensor under this Agreement are taxed (other than as a component of Licensor's taxable income for purposes of determining Licensor's federal, state, or local income tax or a gross volume of business tax), Licensee shall promptly reimburse Licensor for such taxes.

26. INDEPENDENT CONTRACTOR

In connection with this Agreement, each party is an independent contractor and as such will not have any authority to bind or commit the other. Nothing herein shall be deemed or construed to create a joint venture, partnership or agency relationship between the parties for any purpose.

27. DRAFTING AND PREPARATION

Each party has cooperated and participated in the drafting and preparation of this Agreement. Therefore, if any construction is to be made of this Agreement of any of its terms, both parties shall be construed to be equally responsible for the drafting and preparation of same

28. SEVERABILITY

It is agreed that if any provision of this Agreement shall be determined to be void by any court of competent jurisdiction, then such determination shall not affect any other provision of this Agreement, and all such other provisions shall remain in full force and effect. It is the intention of the parties hereto that if any provision of the Agreement is capable of two (2) constructions, one of which would render the provision void and the other of which would render the provision valid, then the provision shall have the meaning which renders it valid.

29. ENTIRE AGREEMENT

This Agreement contains the full and complete understanding of the parties concerning the subjects contained herein and supersedes any and all prior written or oral agreements between the parties and cannot be amended except in writing signed by both parties.

30. ATTORNEYS' FEES

If an action is brought by either party for breach of any covenant and/or to enforce or interpret any provision of this Agreement, the prevailing party in such action shall be entitled to recover its costs, expenses and reasonable attorneys' fees, both at trial and on appeal, in addition to all other sums allowed by law.

31. AUTHORITY

Each of the parties hereto hereby represents and warrants to the other party hereto that it has the capacity set forth on the signature pages hereof with full power and authority to bind the party on whose behalf it is executing this Agreement to the terms hereto, and its authority is not inhibited by any private agreement or legal proceeding.

32. CONFIDENTIALITY

Licensee acknowledges that it may obtain or develop information or materials (including without limitation this Agreement) from Licensor and/or others, without warranty or representation of any kind, which Licensor considers or which Licensee should consider proprietary and confidential to or of independent economic value to Licensor, actual or potential, regardless whether otherwise protectable under any law, and regardless of protection, markings or dissemination ("Confidential Information"). Licensee covenants and agrees that all Confidential Information will be considered, deemed and protected as proprietary and confidential to Licensor. Except to the extent required by applicable law, Licensee will not disclose or permit inevitable disclosure of Confidential Information (including without limitation storage or transmission in any electronic medium now

known or hereafter developed), it will not allow or permit any Confidential Information to be corrupted or infected or misappropriated or used except and solely to Licensor's right, title, interest and benefit. Both parties agree that the restrictions herein are mutually agreed to be and shall be deemed to constitute reasonable efforts to maintain confidentiality and ensure compliance with applicable laws and regulations.

Licensee shall comply with all applicable privacy laws and the published privacy policies of Licensor, hotel manager and their affiliates, as amended from time to time.

33. MISCELLANEOUS

a. This Agreement is made subject to all local, state and federal laws and regulations now or hereafter in force, and shall not be modified, extended, or terminated (other than as set forth, herein) except by an instrument duly signed by Licensor and Licensee and approved by Licensor.. Waiver of a breach of any provisions hereof under any circumstances will not constitute a waiver of any subsequent breach of such provision, or of a breach of any other provision of this Agreement.

b. No Brokers. Licensor and Licensee represent and warrant to each other that no broker was involved in connection with this transaction and each party agrees to indemnify and hold the other harmless from and against the claims of any broker (if any), made in connection with this transaction.

c. Governing Law. ALL QUESTIONS CONCERNING THE CONSTRUCTION, VALIDITY AND INTERPRETATION OF THIS AGREEMENT AND ANY SCHEDULES AND/OR EXHIBITS HERETO WILL BE GOVERNED BY THE INTERNAL LAW, AND NOT THE LAW OF CONFLICTS, OF THE STATE OR COMMONWEALTH IN WHICH THE HOTEL IS LOCATED.

d. Successors and/or Assigns. This Agreement shall be binding upon the parties, and their permitted successors and assigns.

e. Further Acts. Licensor and Licensee agree to do any further acts and execute such additional documents as the other may reasonably require to confirm this Agreement and to carry out the purpose of this Agreement.

f. Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not considered in construing or interpreting this Agreement.

g. Signature Pages. Any signature page delivered by a fax machine, email (e.g., by attachment of a PDF bearing a party's signature) or other electronic means shall be binding to the same extent as an original signature page, with regard to any agreement subject to the terms hereof or any amendment hereto.

h. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be enforceable against the parties actually executing such counterparts, and all of

which together shall constitute one instrument.

i. Examination of Agreement. Submission of this instrument for examination or signature does not constitute an offer, reservation of, or an option for the Licensed Area and it is not effective as a license or otherwise until both parties sign and exchange copies of this instrument.

j. Required Documentation. For any party to whom Fees are to be paid, Licensor or any successor in interest of Licensor hereby agrees to provide to Licensee (i) a completed, current version of Internal Revenue Service Form W-9, or equivalent; (ii) complete and fully executed state and local withholding forms if required; and (iii) other documentation to verify Licensor's or such other party's right to receive Fees as is reasonably requested by Licensee. Fees shall accrue in accordance with this Agreement, but Licensee shall have no obligation to deliver payments until the requested documentation has been received by Licensee. Upon receipt of the requested documentation, Licensee shall deliver the accrued payments as directed by Licensor.

[Signature Page to Follow]

Licensee Site Name:

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed as of date first above written.

LICENSOR: CHSP TRS Mission Bay LLC, a Delaware limited liability company	LICENSEE: Dish Wireless L.L.C., a Colorado limited liability company
By: _____	By: _____
Print Name: _____	Print Name: _____
Its: _____	Its: _____
Date: _____	Date: _____

Acknowledged by:

Patriot Communications – Rooftop Management Company

By: _____

Print Name: _____

Its: _____

Date: _____

Licensee Site Name:

EXHIBIT "A" to Space License Agreement is entered into as of **[DATE]** by and between **CHSP TRS MISSION BAY LLC**, a Delaware limited liability company (hereinafter referred to as "Licensor") and **DISH WIRELESS L.L.C.**, a Colorado limited liability company (hereinafter referred to as "Licensee");

RADIO COMMUNICATIONS EQUIPMENT DESCRIPTION



This Exhibit contains, in its entirety, Sub-Licensee's inventory of equipment specific to this License Agreement. To the extent the terms of this Exhibit conflict with the terms of the License, the terms and provisions of this Exhibit shall prevail.

SITE APPLICATION/REQUEST FOR OCCUPANCY

Submit completed application to: jkerns@4rooftops.com or P.O. Box 1113, Miamisburg, OH 45342

DATE SUBMITTED: 10/14/21 (Application valid for 90 days)

APPLICANT/LESSEE INFORMATION:

Name (as it should appear on lease document): **Dish Wireless L.L.C.**

Street Address: **9601 S. Meridian Blvd.**

City/State/Zip: **Englewood CO 80112**

Telephone: [Click here](#) Fax: [Click here](#)

Billing Address (if different from above): [Click here](#)

Billing City/State/Zip: [Click here](#)

Entity Type (Partnership, Corporation, etc.): **limited liability company**

CONTACTS

Site Acquisition: **Gregory Moorad** Phone: 858-603-2336 Email: greg.moorad@plancominc.com

Carrier: **Don Calabria** Phone: 310-200-5199 Email: Donald.calabria@dish.com

Accounts Payable: **Don Calabria** Phone: 310-200-5199 Email: Donald.calabria@dish.com

RF Engineer: **Guillermo Guevara** Phone: 949-973-7594 Email: guillermo.guevara@dish.com

TYPE OF INSTALL (please check below):

- ☐ Modification to existing equipment
- ☒ New Install
- ☐ Fiber Install (fill out only applicable sections and attach plans)
- ☐ Modification to existing Fiber
- ☐ DAS Install
- ☐ Modification to DAS

Proposed date of install: **March 2022**

Licensee Site Name:

SITE INFORMATION:

Name of Antenna Site Requested: **Hyatt Regency Mission Bay** Patriot Communications Site Name/Number:
Hyatt Regency Mission Bay

County/State/Zip: **San Diego, CA, 92109**

Coordinates: Latitude **32.764883** Longitude **-117.240259**

Applicant's site name/number, if different: **SDSAN00432A**

NEW/INSTALL or MODIFICATIONS (This Exhibit will replace existing Exhibits, therefore, please list all new & existing equipment on the chart below)

New Install: ☒

Additional Equipment: ☐

Change of Equipment: ☐

	Sector 1	Sector 2	Sector 3	Sector 4
Antenna Height (centerline)	166'-10"	166'-10"	173'-8"	Click here
Antenna Quantity	1	1	1	Click here
Antenna Manufacturer	Commscope	Commscope	JMA	Click here
Antenna Model (Attach Spec Sheet)	FFV4-65B-R6	FFV4-65B-R6	MX08FR0465-20	Click here
Length	71.97"	71.97"	48"	Click here
Weight	83.1 lbs	83.1 lbs	51.3 lbs	Click here
ERP (watts)	12400	12400	12400	Click here
Tower Mount Type	Pipe mount	Pipe mount	Pipe mount	Click here
Pipe Mount/RRU Weight	111 lbs	111 lbs	Pipe mount: 18 lbs	Click here
Tower Mount Amplifiers /RRU (please specify)	(3) Samsung RRHs	(3) Samsung RRHs	(2) Samsung RRHs	Click here
Number of Feedlines	1	1	1	Click here
Diameter of Feedlines	1.5"	1.5"	1.5"	Click here

SATELLITE/ANTENNAS:

New installation: ☐

Additional Equipment: ☐

Make/Model: Click here

Size: Click here

Ground Mounted ☐

Mounted on Building ☐

Mounting Height: Click here

GPS: Yes ☒ No ☐ If Yes, location: On wall of building/penthouse (mounting height: 175'-8")

TMA's/TTA's: Make/Model Click here Size Click here Weight Click here

RRHU's: Make/Model **Samsung RF4450T-71A** Size **16.5 x 15 x 11 (Inches)** Weight **74.95 lbs**

Applicant's Building: ☐

Applicant's Pad: ☐

Lessor's Building: ☒

Dimensions of Applicant's Building/Pad: Click here x Click here ft. Total Ground Space Required: **None-**

Licensee Site Name:

interior equipment space

Type (Terminal, Transmitter, Repeater, etc.): **Transmitter** Number of Units: **1**

Number of Cabinets: **1** Cabinet Dimensions: **54.8 x 32 x 32"** Cabinet weight: **366 lbs**

Total Floor Space Required: **8' x 5' interior equipment space**

Using TX Combining? Yes ☐ No ☐ If Yes, Applicant's ☐ Lessor's ☐

Using RX Multi-coupling? Yes ☐ No ☐ If Yes, Applicant's ☐ Lessor's ☐

Filters/Duplexers: Yes ☐ No ☐ If Yes, make and model: [Click here](#)

Power Requirements: Separately Metered ☐ Lessor's Meter ☒

Back Up Power Required? Yes ☐ No ☒

If yes, ground space required: [Click here](#) x [Click here](#) ft. Type: [Click here](#) (attach spec sheet)

Call Sign: [Click here](#)

FCC License Expiration Date: [Click here](#)

TECHNOLOGY TYPE	#CHANNELS	TX FREQUENCIES	RX FREQUENCIES	TRANSMIT POWER (TPO) (watts)
5G	Click here	722-728, 2155-2200, 1995-2020, 617-652	1755-1780, 1995-2020, 663-698	132
CELLULAR	Click here	Click here	Click here	Click here
PCS	Click here	Click here	Click here	Click here
BROADCASTING	Click here	Click here	Click here	Click here
LAND MOBILE	Click here	Click here	Click here	Click here
WIRELESS DATA	Click here	Click here	Click here	Click here
SMR/ESMR	Click here	Click here	Click here	Click here

STEALTHING:

Full Stealth Installation ☒ Paint to Match ☐ Not Applicable ☐

DISTRIBUTED ANTENNAE SYSTEM (DAS)

See attached design

SUMMARY/SCOPE OF WORK (please list explanation of work to be done):

Proposed new build- new site on rooftop of building. Alpha and Beta sector antennas/RRHs/OVPs will be fully screened behind existing FRP screening, adjacent to Sprint's existing antennas. New FRP screen box will be added for Gamma sector antenna adjacent to Sprint's existing antennas. 8' x 5' interior equipment space inside existing mechanical room is proposed for equipment cabinets.

FINAL CONFIGURATION:

Licensee Site Name:

SECTOR SCOPE OF WORK:

- INSTALL (3) PROPOSED PANEL ANTENNAS (1 PER SECTOR)
- INSTALL PROPOSED JUMPERS
- INSTALL (8) PROPOSED RRU's (3 PER SECTOR AT ALPHA & BETA SECTORS & 2 AT GAMMA SECTOR)
- INSTALL (3) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP) (1 PER SECTOR)
- INSTALL (3) PROPOSED HYBRID CABLES (1 PER SECTOR) IN CABLE TRAY
- INSTALL PROPOSED CABLE TRAY

ROOFTOP SCOPE OF WORK:

- INSTALL (1) PROPOSED INTERIOR EQUIPMENT RACK
- INSTALL (1) PROPOSED CABLE TRAY
- INSTALL (1) PROPOSED POWER CONDUIT
- INSTALL (1) PROPOSED TELCO CONDUIT
- INSTALL (1) PROPOSED PPC CABINET
- INSTALL (1) PROPOSED TELCO-FIBER BOX
- INSTALL (1) PROPOSED CIENA BOX (AT&T) OR ALPHA FIBER CABINET (COX) (AS REQUIRED)
- INSTALL (1) PROPOSED 100 AMP BREAKER IN EXISTING ELECTRICAL PANEL
- INSTALL (1) PROPOSED E-MON D-MON SUBMETER
- INSTALL (1) PROPOSED GPS UNIT ON MECHANICAL SCREEN WALL

****ATTACH SITE SKETCH WITH THIS APPLICATION****

*****ALL EXISTING AND NEW EQUIPMENT MUST BE LABELED WITH THE CARRIER'S SITE ID*****

FEES (Non-refundable):

Please check below all that apply:

- ☒ \$2500.00 application fee for new builds, new SSLA, new DAS, etc.
- ☐ \$1500.00 application fee for modifications
- ☐ \$5000.00 Crane inconvenience fee per occurrence
(If crane is needed, crane fee must be paid with application fee)
- ☐ \$5000.00 FIBER INSTALL inconvenience fee per occurrence

All payments should be sent to:
Everest Infrastructure Partners, Inc
c/o Patriot Communications LLC
Two Allegheny Center
Nova Tower 2, Suite 1002
Pittsburgh, PA 15212

****Note: Property name/address and/or
invoice number is required with payment.**

FOR OFFICE USE ONLY

Property Manager: Jason Kerns 937 681-8557 jkerns@4rooftops.com

Site Name: Hyatt Regency Mission Bay

Project: SSLA

Carrier: Dish

Date application emailed: Click here

Date application received from carrier: 10.18.21

Does carrier have any past due invoices (rent and/or utilities): Y ☐ N ☐ N/A ☒

Invoice for app. fee sent Y ☒ N ☐ N/A ☐ Invoice Number: 8202 Paid Y ☒ N ☐ Date: 10.18.21

Invoice for crane fee sent Y ☐ N ☒ N/A ☐ Invoice Number: Click here Paid Y ☐ N ☐ Date: Click here

Invoice for fiber fee sent Y ☐ N ☒ N/A ☐ Invoice Number: Click here Paid Y ☐ N ☐ Date: Click here

Plans & Specs attached: Y ☒ N ☐

Licensee Site Name:

Structural Analysis: Y ☐ N ☒ N/A ☐

Current Monthly Rent as of [\(Click here\)](#)

\$ 0

Current Escalation is %

[Click here](#) %

Escalation Date

[Click here](#)

If approved, will proposed changes increase the monthly rent?

Y ☐ N ☐

If yes, what is the additional amount that will be charged for these changes?

\$ [Click here](#)

NEW MONTHLY RENT WITH CHANGES AS OF [\(Click here\)](#)

\$ [Click here](#)

Completed paperwork given to Accounting Y ☐ N ☐ Added to PB

Y ☐ N ☐

Licensee Site Name:

EXHIBIT "B" to Space License Agreement is entered into as of **[DATE]** by and between **CHSP TRS MISSION BAY LLC**, a Delaware limited liability company (hereinafter referred to as "Licensor") and **DISH WIRELESS L.L.C.**, a Colorado limited liability company (hereinafter referred to as "Licensee");

DESCRIPTION OF LICENSED AREA

[See attached drawings]

SYMBOLS/ABBREVIATIONS LEGEND

SEE SHEET 007

PROJECT TEAM

APPLICANT: DISH Wireless LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

SITE DESIGNER: PLANCON INC
 302 STATE PLACE
 ESCONDIDO, CA 92029
 RANDY DICKMARE
 (760) 800-6271

SITE ACQUISITION: GREG MOORAD
 (718) 230-2280
 greg.moored@plancon.com

CONSTRUCTION MANAGER: ZACHARY MANN
 600-220-0233
 zachary.mann@dish.com

RF ENGINEER: MATHIE MONROU
 (805) 444-2247
 mathie.monrou@dish.com

SURVEYOR: A.J. KOLBARTY / CML ENGINEERS
 23075 LAKE CENTER DR. SUITE 211
 LAKE FOREST, CA 92530
 ANDREW J. KOLBARTY
 (714) 624-6027
 ajk@cmle.com

STRUCTURAL ENGINEER: VECTOR STRUCTURAL ENGINEERING, LLC
 601 W. CALIFORNIA PARK BLVD. SUITE 101
 DRAPER, UT 84020
 BRUCE FERGUSON, EIT
 (801) 880-1775
 bfergus@vector.com

CONSTRUCTION VALUATION

CONSTRUCTION VALUATION: \$80,000

LEGAL DESCRIPTION:

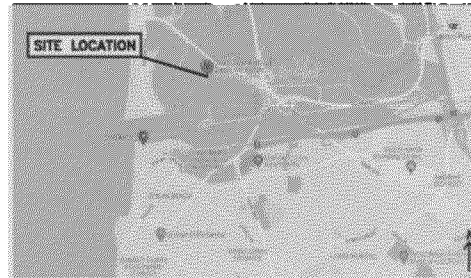
PARCEL 1:
 THAT PORTION OF LAND AND ADJACENT WATER AREA IN THE CITY OF SAN DIEGO, STATE OF CALIFORNIA, BEING A PORTION OF THE TOWNSHIP AND SUBMERGED OR FILLED LANDS OF FALSE BAY, ALSO KNOWN AS MESSON BAY, INCLUDING ANY PORTION OF THE FILLING LANDS OF SAN DIEGO, ACCORDING TO MAP THEREOF BY JAMES PIERCE, A COPY OF WHICH IS ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY AND KNOWN AS RECORDABLE MAP NO. 35

PARCEL 2:
 ALL THAT PORTION OF PARCEL LOT 814, IN THE CITY OF SAN DIEGO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF BY JAMES PIERCE, A COPY OF WHICH IS ON FILE IN THE OFFICE OF THE RECORDER OF SAN DIEGO COUNTY AND IS KNOWN AS RECORDABLE MAP NO. 35

GENERAL NOTES

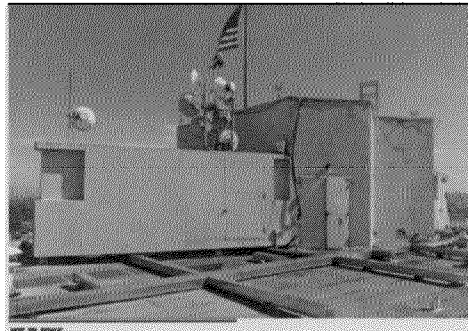
THE FACILITY IS UNINHABITED AND NOT FOR HUMAN INHABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. MINIMUM SPACES ARE DESIGNATED FROM ACCESSIBILITY REQUIREMENTS FOR THE CSD SECTION 11B-203.3A.

BUILDING PERMIT PLAN FOR: SDSAN00432A



VICINITY MAP

NOT TO SCALE



DIRECTIONS TO SITE

DIRECTIONS FROM SAN DIEGO INTERNATIONAL AIRPORT:
 HEAD NORTHWEST ON AIRPORT TERMINAL RD. KEEP LEFT AT THE FORK. FOLLOW SIGNS FOR HARBOR ISLAND/POINT LOMA. CONTINUE ONTO AIRPORT TERMINAL RD. TURN RIGHT ONTO N HARBOR DR. SLIGHT RIGHT TOWARD WHITE BLVD. MAKE RIGHT ONTO WHITE BLVD. CONTINUE ONTO RANCHO CLEGG BLVD. CONTINUE ONTO SEA WORLD DR. USE THE RIGHT LANE TO MERGE ONTO N MESSON BAY DR. OR VIA THE RAMP TO MESSON BAY. CONTINUE ONTO INGRAMM ST. USE THE 2ND FROM THE RIGHT LANE TO TAKE THE W MESSON BAY ON RAMP. CONTINUE ONTO W MESSON BAY DR. USE THE LEFT 2 LANES TO TURN LEFT ONTO GUNNIA ACCESS. TURN RIGHT ONTO GUNNIA RD. SITE WILL BE ON YOUR LEFT.



UNDERGROUND SERVICE ALERT
 UTILITY NOTIFICATION CENTER OF CALIFORNIA
 (800) 422-4133
 WWW.CALIFORNIA811.ORG



11"x17" PLOT WILL NOT BE TO SCALE

DO NOT SCALE DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS MATCH THE SURVEY AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES. PROCEEDING WITH CONSTRUCTION WITHOUT SUCH NOTIFICATION OF DISCREPANCIES INDICATES THE GENERAL CONTRACTOR ASSUMES RESPONSIBILITY FOR THE EXISTING CONDITIONS AND HAS INCURRED RESOLUTION OF THOSE DISCREPANCIES IN THE BID FOR CONSTRUCTION.

OWNER/APPLICANT

APPLICANT: DISH Wireless LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

OWNER: DISH WIRELESS LLC
 1441 GUNNIA RD
 SAN DIEGO, CA 92108
 JASON KEATING
 (619) 681-6067

SITE ADDRESS

1441 GUNNIA RD, SAN DIEGO, CA 92108

SHEET INDEX

SHEET	DC	DESCRIPTION
1	G01	COVER SHEET
2	G02	SPECTRUM ACT
3	G03	PHOTOSIMULATIONS
4	G04	LETTER OF AUTHORIZATION
5	S01	OVERALL SITE PLAN
6	S02	ENLARGED SITE PLAN
7	S03	ROOF PLAN
8	S04	EQUIPMENT PLAN
9	S05	ANTENNA PLANS AND SCHEDULE
10	S06	WEST AND SOUTH ELEVATIONS
11	S07	EAST AND NORTH ELEVATIONS
12	S08	EQUIPMENT H-FRAME DETAILS
13	S09	EQUIPMENT DETAILS
14	S10	EQUIPMENT DETAILS
15	S11	RF CABLE COLOR CODE
16	E01	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
17	E02	ELECTRICAL DETAILS
18	E03	ELECTRICAL ONE-LINE & PANEL SCHEDULE
19	E04	GROUNDING PLANS AND NOTES
20	E05	GROUNDING DETAILS
21	E06	GROUNDING DETAILS
22	E07	LEGEND AND ABBREVIATIONS
23	E08	GENERAL NOTES
24	E09	GENERAL NOTES
25	E10	GENERAL NOTES
26	E11	GENERAL NOTES

DISCIPLINE CODE(DC)

GENERAL G
 CIVIL C
 LANDSCAPE L
 TRAFFIC T
 STRUCTURAL S
 ELECTRICAL E
 MECHANICAL M

SCOPE OF WORK

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS MATCH THE SURVEY AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES. PROCEEDING WITH CONSTRUCTION WITHOUT SUCH NOTIFICATION OF DISCREPANCIES INDICATES THE GENERAL CONTRACTOR ASSUMES RESPONSIBILITY FOR THE EXISTING CONDITIONS AND HAS INCURRED RESOLUTION OF THOSE DISCREPANCIES IN THE BID FOR CONSTRUCTION.

SECTION SCOPE OF WORK:
 • INSTALL (2) PROPOSED PANEL ANTENNAS (1 PER SECTOR)
 • INSTALL PROPOSED AMPLIFIERS
 • INSTALL (3) PROPOSED COAX (2 PER SECTOR)
 • INSTALL (2) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP) (1 PER SECTOR)
 • INSTALL (4) PROPOSED DISCREET CABLES (2 PER SECTOR) IN NEW 3" E.M.T. CONDUITS

ROOFTOP SCOPE OF WORK:
 • INSTALL (1) PROPOSED INTERIOR PV EQUIPMENT RACK
 • INSTALL PROPOSED 1" E.M.T. CONDUIT
 • INSTALL (1) PROPOSED POWER CONDUIT
 • INSTALL (1) PROPOSED FIBER CONDUIT
 • INSTALL (1) PROPOSED PFD CABLESET
 • INSTALL (1) PROPOSED TULCO-FIBER BOX
 • INSTALL (1) PROPOSED ALPHA FIBER CABLESET (COG)
 • INSTALL (1) PROPOSED 100 AMP BREAKER IN (2) ELECTRICAL PANEL "P04"
 • INSTALL (1) PROPOSED 100 AMP CIRCUITER
 • INSTALL (1) PROPOSED OPS UNIT ON MECHANICAL SKECH WALL
 • INSTALL PROPOSED 48V ACB AND LITRUM FOR BATTERIES (1.65 KWH CAPACITY TOTAL, NO EXISTING BATTERIES)

ADDITIONAL INFORMATION

DOCUMENT NO.
 PMP010118-01
 DISH WIRELESS LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

DOCUMENT NO.
 PMP010118-02
 DISH WIRELESS LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

DOCUMENT NO.
 PMP010118-03
 DISH WIRELESS LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

DOCUMENT NO.
 PMP010118-04
 DISH WIRELESS LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

DOCUMENT NO.
 PMP010118-05
 DISH WIRELESS LLC
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

SITE INFORMATION

LATITUDE (NAD 83) ALPH: 32°45'33.57"N (32.7594778 N)
 LONGITUDE (NAD 83) ALPH: 117°14'25.33"W (117.2403889 W)
 LATITUDE (NAD 83) BETA: 32°45'33.57"N (32.7594778 N)
 LONGITUDE (NAD 83) BETA: 117°14'25.33"W (117.2403889 W)
 LATITUDE (NAD 83) GAMMA: 32°45'33.57"N (32.7594778 N)
 LONGITUDE (NAD 83) GAMMA: 117°14'25.33"W (117.2403889 W)
 ZONING JURISDICTION: MESSON BAY
 NAME TYPE OF CONSTRUCTION: 1-0
 OCCUPANCY POWER COMPANY: SAN DIEGO GAS & ELECTRIC
 TELEPHONE COMPANY: AT&T OR CCL

CODE COMPLIANCE

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING GOVERNING CODES:
 2019 CALIFORNIA BUILDING CODE
 2019 CALIFORNIA ELECTRICAL CODE
 2019 CALIFORNIA MECHANICAL CODE
 2019 CALIFORNIA PLUMBING CODE
 2019 CALIFORNIA FIRE CODE
 2019 CALIFORNIA LANDSCAPE CODE
 2019 CALIFORNIA TRAFFIC CODE
 2019 CALIFORNIA ENERGY CODE
 2019 CALIFORNIA EXISTING BUILDING CODE

PROJECT SUMMARY

NOTES FOR SDSAN00432A 1441 GUNNIA ROAD, SAN DIEGO, CA 92108	
SHEET 1 OF 26 SHEETS	PER NO. _____ REV NO. _____
GO1	

000 02/24/2020

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

REVISION	DATE	DESCRIPTION	APPROVED BY	BY
1	02/24/2020	FINAL REV - ADD L&S & SIGN		
2	02/24/2020	REVISION FOR PERMITS		
3	02/24/2020	REV - PLAN CHECK SUBMITTAL		
4	02/24/2020	REV - REVISIONS REQUIRED		
5	02/24/2020	REV - PLAN CHECK SUBMITTAL		

0 1/2" = 1'
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DEVELOPMENT SERVICES DEPARTMENT

SPECTRUM ACT(6409)



Page 2
Dish, Hyatt Regency
March 28, 2022

March 28, 2022

Approval Type: Spectrum Act Approval to Project No. 217291 (Spectrum Act)
Approval No. 773270
Expires: CCP
Spectrum Act Approval No.: PMT-3143636
Spectrum Act Project Name: Dish Wireless Hyatt Regency
Spectrum Act Project No.: 195339
Site Address: 1441 Quivira Road

The Development Services Department has approved a Process One Spectrum Act Approval (SAA) for this project. The SAA was determined to be consistent with the objectives, standards, guidelines and/or conditions of the previously approved Permit.

The approved project is proposing to install three (3) antennas measuring 48"x30"x8" and six (6) RTHs behind FRP screens with equipment inside an enclosure on the roof. The requested changes to the previously approved Exhibit "A" for this project have been determined to be consistent with the general intent, terms and conditions of the previous approval (identified above) as well as any other applicable regulations, development standards and guidelines of the Municipal Code in effect for this site. All applicable and relevant conditions and findings of approval as specified in the previous approval shall remain in full effect for this site, unless otherwise specified by the Development Services Department. Note that if the previous approval expires, this Spectrum Act approval becomes null and void, and all processing will cease.

[Signature]
Helen Sait
Development Project Manager

* Spectrum Act refers to Title 16, section 6475(a) of the 2012 Middle Class Tax Relief and Job Creation Act now codified at 47 U.S.C. section 1453 ("Section 6409 Wireless Facilities Deployment") and Federal Communications Commission Report and Order FCC-14-153 ("Wireless Infrastructure Order").

1221 West Avenue, 10101
San Diego, CA 92101
ds@cityofsandiego.gov

1-800-444-8000
cityofsandiego.gov

Telecom Final Inspection Required

Once project is ready for a Telecom Inspection, e-mail photos of the completed project to 5G_dsd@sanidiego.gov

The purpose of the Telecom Inspection is to ensure that the WCF complies with the approved photo simulations and plans. All FRP must be in good condition and may not exhibit any warping, seams or discoloration. Rooftop photos will be required at final inspection.

PERMITS COUNTY

NOTES FOR

8D8AN00432A

1441, QUIVIRA ROAD, SAN DIEGO, CA 92108

SHEET 2 OF 28 SHEETS

PRO NO.

PRO NO.

0000 0000 0000

PREPARED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

DESIGNED
PROFESSIONAL

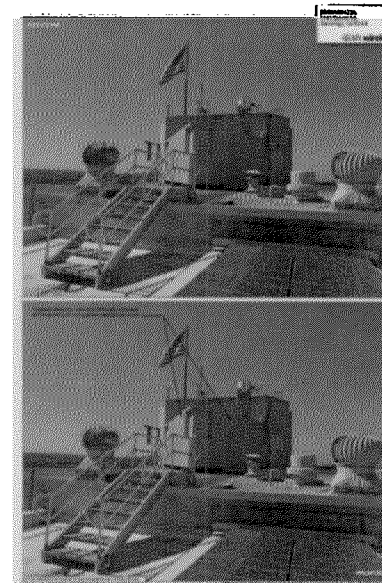
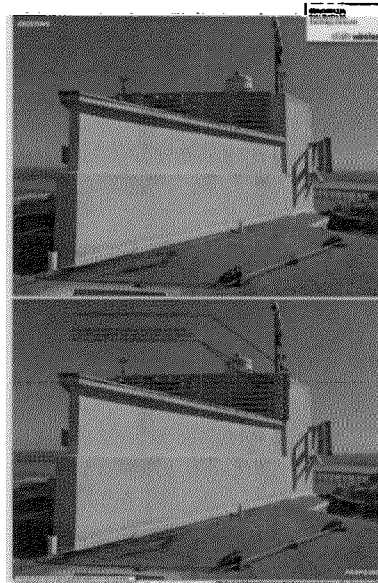
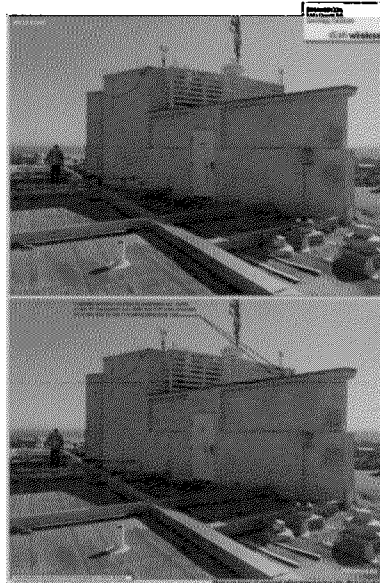


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1	03/28/2022	REVISIONS FOR PERMITS			
2	03/28/2022	REVISIONS FOR PERMITS			
3	03/28/2022	REVISIONS FOR PERMITS			
4	03/28/2022	REVISIONS FOR PERMITS			
5	03/28/2022	REVISIONS FOR PERMITS			
6	03/28/2022	REVISIONS FOR PERMITS			

0 1/8" = 1'
IF THIS DRAW DOES NOT MEASURE, IT THEN DRAWING IS NOT TO SCALE

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

002



PROJECT CONTACT

NOTES FOR

SDSAN00432A

1445 CLAYTON ROAD, SAN DIEGO, CA 92101

SHEET 6 OF 10 SHEETS

FIG. NO. _____

FIG. NO. _____

003

000000/00/00

PROPOSED FOR
dish
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PROPOSED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92026



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	05/01/2000	FIG. 10 - AND L&S & 1000		
1	05/01/2000	REVISION TO FIG. 1000		
2	05/01/2000	FIG. 1000 - PLAN CORRECTION		
3	05/01/2000	FIG. 1000 - ELECTRICAL REVISION		
4	05/01/2000	FIG. 1000 - PLAN CORRECTION		

1/2" = 1'
IF THIS DRAWING
IS NOT MEASURED 1"
THEN CORRECTION IS
NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

LETTER OF AUTHORIZATION.

To: City of San Diego, Development Services Department
RE: Letter of Authorization to File a Land Use Permit Application
Dish Wireless Site ID: SDSAN00432A - Hyatt Regency Mission Bay
Property Address: 1441 Quivira Road, San Diego CA 92109

CHSP Mission Bay LLC, tenant under a ground lease with the City of San Diego at the property referenced above, hereby authorizes Dish Wireless and its planning consultant, PlanCom Inc. to file a land use permit application to install a wireless communication facility at the property. CHSP Mission Bay LLC understands this application may be denied, modified, or approved with conditions and that such conditions or modifications must be complied with prior to issuance of a building permit.

By: 
signature
Print Name: Sean M. DeFOrto
Title: Vice President and Treasurer
Date: February 11, 2022

PLEASE CONSULT

NOTES FOR	
SDSAN00432A	
1441 QUIVIRA ROAD, SAN DIEGO, CA 92109	
SHEET 4 OF 20 SHEETS	FIG. NO. _____
	FIG. NO. _____
	004

DATE: 02/11/2022

PREPARED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANCOM
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

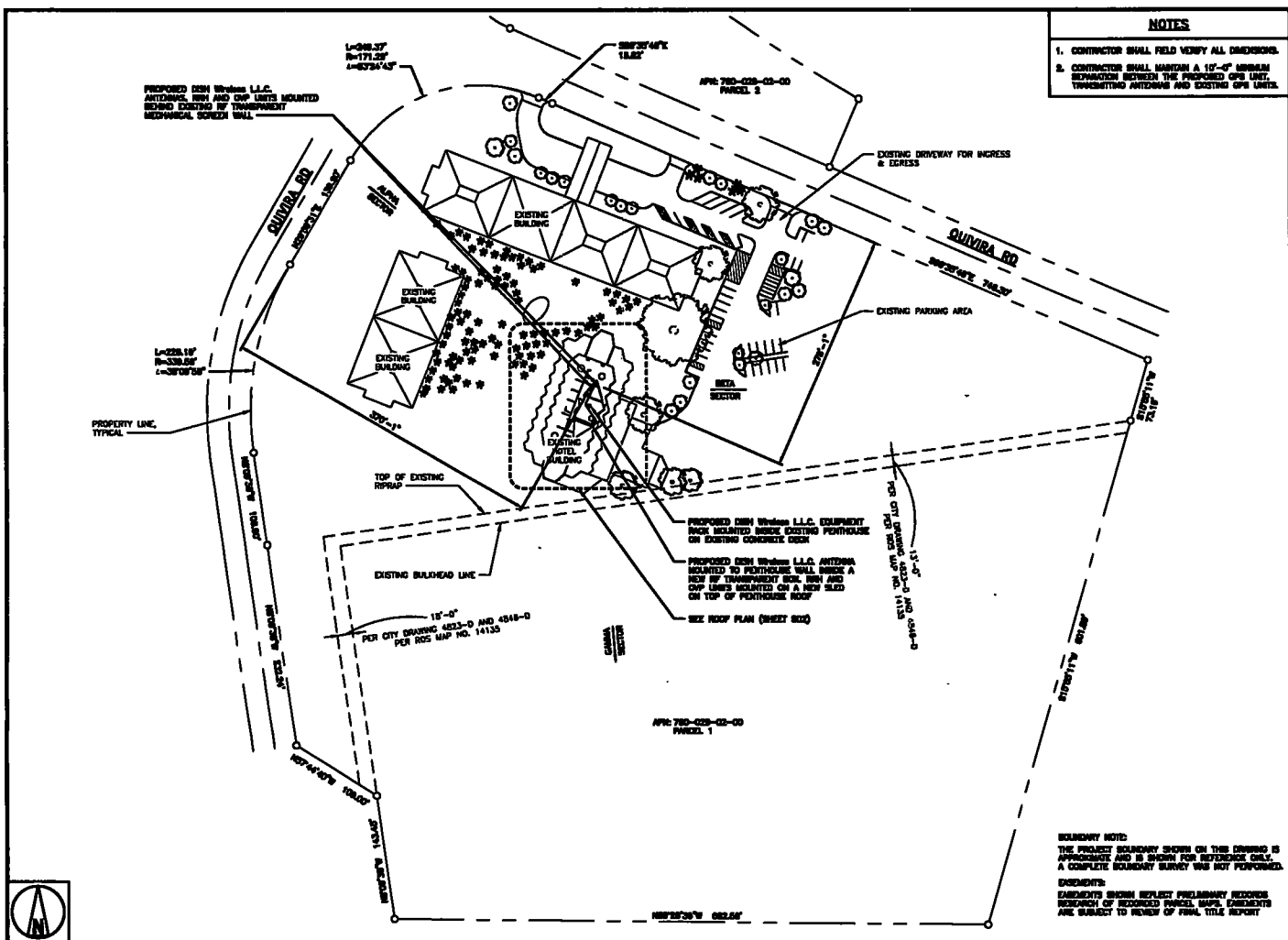
LICENSED PROFESSIONAL



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED BY	BY
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3	02/15/2022	REVIEW PRELIM CO		
4	02/15/2022	REVIEW PRELIM CO		
5	02/15/2022	REVIEW PRELIM CO		
6	02/15/2022	REVIEW PRELIM CO		

0 1/2 1
IF THIS SHEET DOES
NOT MEASURE 11"
THIS DRAWING IS
NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT



- NOTES**
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
 2. CONTRACTOR SHALL MAINTAIN A 12'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.

BATTERY SPECIFICATIONS

CALIFORNIA FIRE CODE - 2019 CFC CHAPTER 12, SECTION 1208
STATIONARY STORAGE BATTERY SYSTEMS:

1. BATTERY SYSTEM SHALL BE PROVIDED WITH A LIMITED REPLY OR OTHER APPROVED METHOD TO PREVENT DIRECT AND INDIRECT IMPACT OF THERMAL RUNAWAY.
2. A "THERMAL" BATTERY SHALL BE ATTACHED TO THE BATTERY PLATFORM SIDE. SEE BATTERY NOTE ON SHEET 302 & DETAIL 3/507.
3. BATTERY CABLES AND WIRING ARE REQUIRED TO BEWIRE BATTERY CABLES IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE. SEE DETAIL 1/510.

BATTERY SUMMARY: CALIFORNIA FIRE CODE BATTERY SPECIFICATION:
POLARUM NMC 200AH LITHIUM-ION BATTERIES.
SEE BATTERY SPECIFICATIONS DETAIL 3/507. NO EXISTING BATTERIES ON SITE.

- LITHIUM-ION
- NOMINAL BATTERY TOTAL (C) MAXIMUM
- (1) BATTERY STRING = (C) NOMINAL BATTERY CELLS
- TOTAL BATTERY STRING: (1) MAXIMUM IS (1) BACK / CABLE
- ONE STRING: 18.5' LONG X 21.4' WIDE X 7.4' HIGH
- 40 VOLTS PER STRING
- 400 AMP HOURS PER STRING
- 320 LBS. PER STRING
- BATTERY RATING (EACH STRING): (60V = 4000) / 1000 = 16.5 KWH
- BATTERY RATING (TOTAL) 16.5 KWH X 1 BATTERY STRING = 16.5 KWH (TOTAL)
- BATTERY SYSTEM THROUGHPUT: 16.5 KWH X 30 KWH PER C/D TABLE 1208.1
- BATTERIES MUST ON EXISTING EXISTING FOUNDATION PRACTICES AND US. REDUCED REQUIREMENTS
- THIS BATTERY INSTALLATION IS NOT SUBJECT TO THE REQUIREMENTS OF THE CALIFORNIA FIRE CODE SECTION 1208.1 THROUGH 1208.1.2 FOR STATIONARY STORAGE BATTERY SYSTEMS

BATTERY SUMMARY:
SAN DIEGO COUNTY ENVIRONMENTAL HEALTH
POLARUM NMC 200AH LITHIUM-ION BATTERIES.
SEE BATTERY SPECIFICATIONS DETAIL 3/507

- 110 LBS PER BATTERY CELL / 320 LBS PER STRING
- (1) STRING, (C) BATTERIES (MAXIMUM TOTAL)
- GROUND WHITE HEIGHT: (1) BATTERY STRING X 320 LBS = 320 LBS
- COUNTY HAZARDOUS THROUGHPUT: 320 LBS X 100 LBS
- THIS BATTERY INSTALLATION DOES NOT REQUIRE A COUNTY OF SAN DIEGO HAZARDOUS MATERIALS BUSINESS PLAN

STATEMENT OF SPECIAL INSPECTIONS

WORK REQUIRING SPECIAL INSPECTION:

THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED PER CHAPTER 17 OF THE BUILDING CODE:

1. OFF-SITE FABRICATION SHOP WELDING (PERFORM SPECIAL INSPECTION) SEE DETAILS 7/505, 1/510, 3/510 & 4/510

SPECIAL INSPECTION NOTES:

1. NOTES TO THE APPLICANT/OWNER/ARCHITECT OR ENGINEER OF RECORD: BY USING THESE PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
2. NOTES TO THE CONTRACTOR/OWNER/ARCHITECT/ENGINEER-CONTRACTOR & OWNER-BUILDER: BY USING THESE PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
3. THE SPECIAL INSPECTOR MUST BE LICENSED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
4. OFF-SITE FABRICATION MUST BE APPROVED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES FOR THE FABRICATION OF MEMBERS AND ASSEMBLIES ON THE PREMISES OF THE FABRICATOR'S SHOP.
5. OFF-SITE FABRICATION SHALL SUBMIT AN "APPLICATION TO PERFORM OFF-SITE FABRICATION" TO THE DEVELOPMENT SERVICES DIVISION FOR APPROVAL FROM THE COMMUNITY OF FABRICATOR.
6. OFF-SITE FABRICATION SHALL SUBMIT A "CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION" TO THE DEVELOPMENT SERVICES DIVISION FROM THE FABRICATOR FROM THE FABRICATOR'S SHOP AND ASSEMBLIES.
7. THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY THE BUILDING INSPECTOR AND SHALL BE CONDUCTED IN COMPLIANCE WITH CALIFORNIA BUILDING CODE, SECTION 17.

OVERALL SITE PLAN

40' 30' 0' 40' 30' 0' 1"=40'

1

NOTES FOR

SD8AN00432A

1445 OLIVER ROAD, SAN DIEGO, CA 92108

SHEET 8 OF 80 SHEETS

FOR INFO

FOR INFO

DISH

7501 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PLANCONI

TELECOMMUNICATIONS PROJECT MANAGEMENT

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92026

DRAWING REVISION TABLE

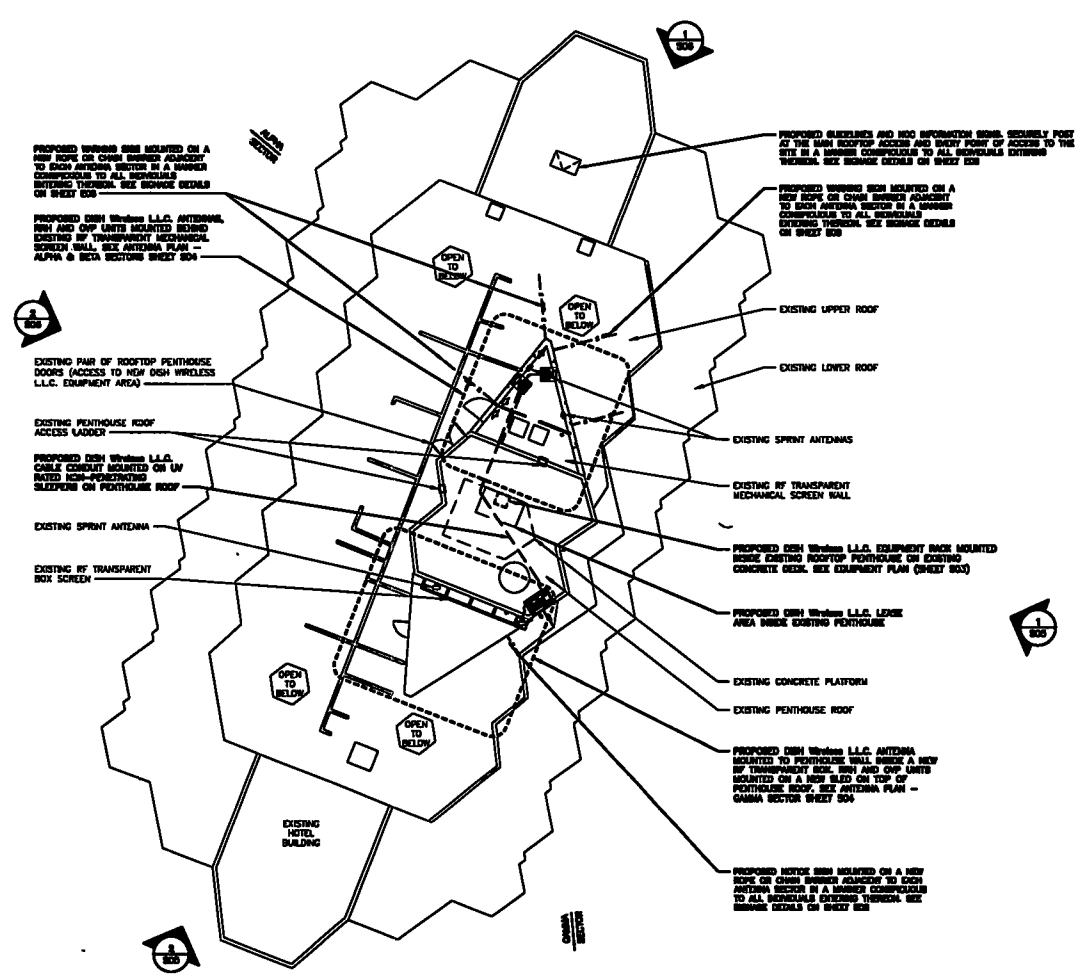
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THE CITY OF SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

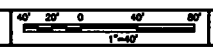
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S01



- NOTES**
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
 2. CONTRACTOR SHALL MAINTAIN A 12"-0" AIRSPACE SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNA AND EXISTING GPS UNITS.
 3. CONTRACTOR TO NOTIFY WITH DISH Wireless L.L.C. E.A. THE LOCATION OF THE POWER AND FIBER SOURCE PRIOR TO CONSTRUCTION.
 4. UTILITY NUMBER MAY BE IN SCALED UNDER ALL DISH Wireless L.L.C. EQUIPMENT THAT IS SETTING ON OR APPROVED TO SCALED.

ROOF PLAN



FRAME CORRECT

NOTES FOR

8D8AN00432A

1401 OLIVE ROAD, SAN DIEGO, CA 92108

SHEET 8 OF 80 SHEETS

FW 01. _____

FW 02. _____

S02

REV 02/24/2023

designed FOR

dish wireless

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

DESIGNED BY

PLANCONI

TELECOMMUNICATIONS PROJECT MANAGEMENT

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



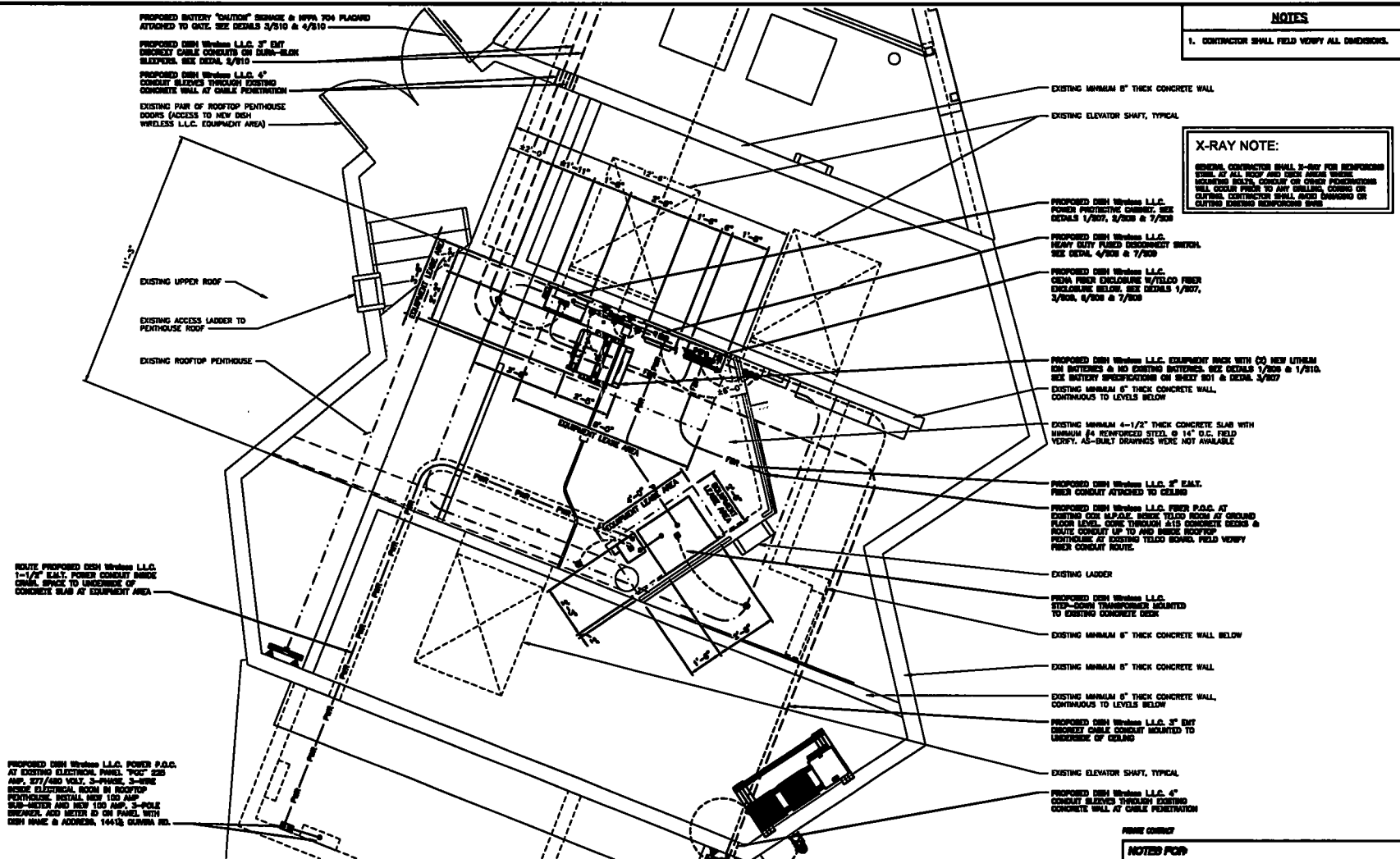
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2	02/24/2023	REVISIONS PER REVIEW		
3	02/24/2023	REVISIONS PER REVIEW		
4	02/24/2023	REVISIONS PER REVIEW		

IF THIS SHEET DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

The City of **SAN DIEGO**

DEVELOPMENT SERVICES DEPARTMENT



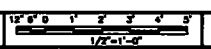
NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

X-RAY NOTE:

GENERAL CONTRACTOR SHALL X-RAY FOR REINFORCED STEEL AT ALL DECK AND DECK AREA WHERE LOCATIONS BELT, CONDUIT OR OTHER PENETRATIONS WILL OCCUR PRIOR TO ANY DRILLING, CORING OR CUTTING. CONTRACTOR SHALL ALSO INQUIRE ON EXISTING EXISTING REINFORCING BARS.

EQUIPMENT PLAN - INSIDE ROOFTOP PENTHOUSE



PROJECT

NOTES FOR

SDSAND0432A

10405 CLAYTON ROAD, SAN DIEGO, CA 92128

SHEET 7 OF 80 SHEETS

REV NO.

REV NO.

S03

DESIGNED FOR

dish

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

DESIGNED BY

PLANCONI

TELECOMMUNICATIONS PROJECT MANAGEMENT

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92028

ISSUED FOR

PLANCONI

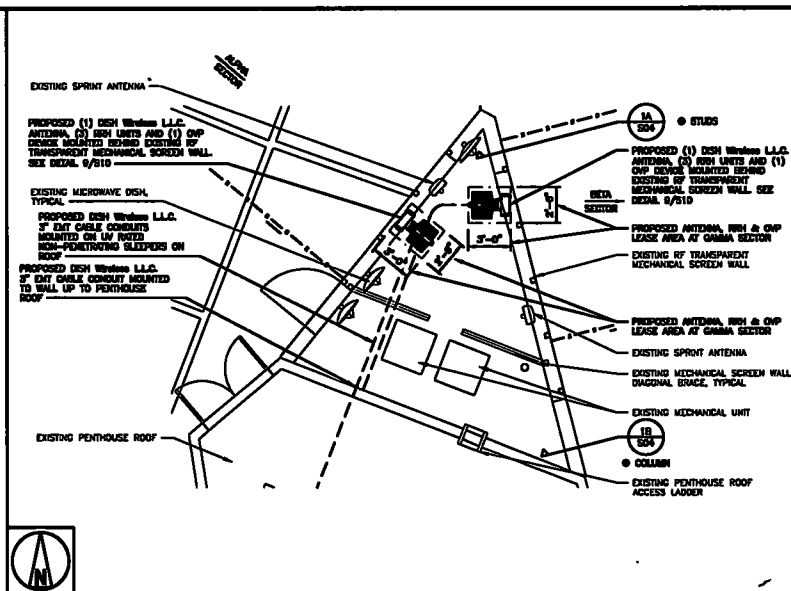
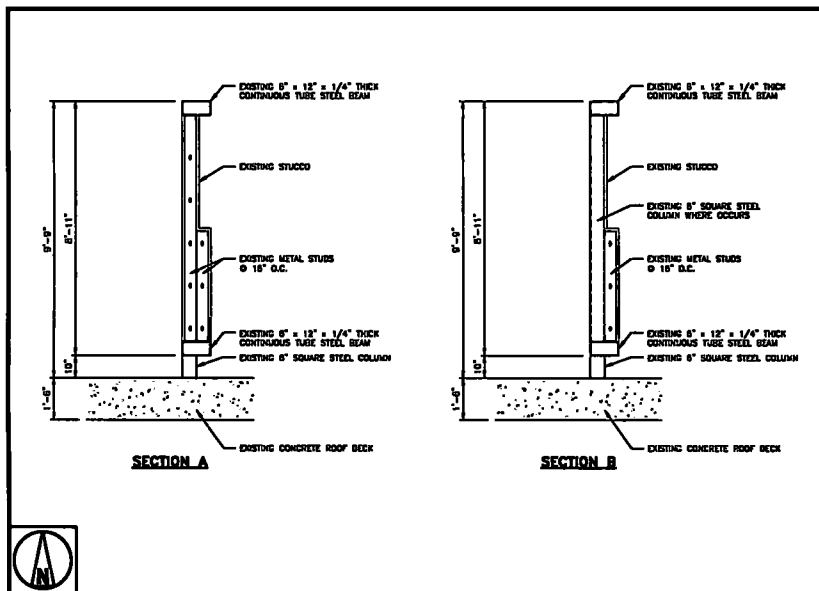
TELECOMMUNICATIONS PROJECT MANAGEMENT

CHANGING REVISION TABLE

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2	05/15/2008	PERMANENT TO PERM PERM		
3	05/15/2008	PERM PERM TO PERM PERM		
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The City of SAN DIEGO

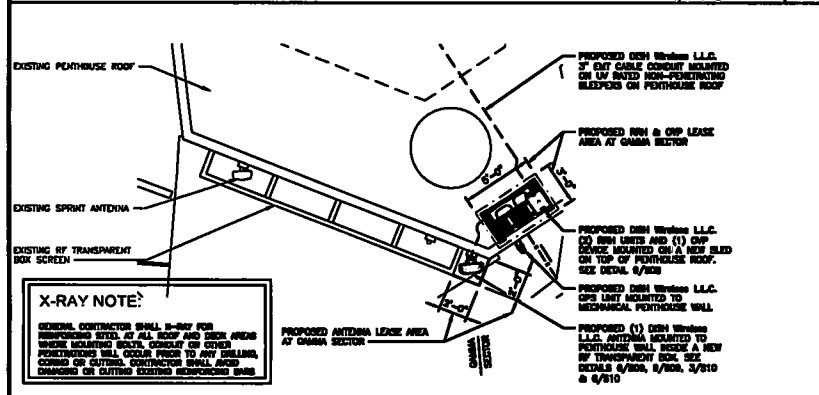
DEVELOPMENT SERVICES DEPARTMENT



- NOTES**
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
 2. ANTENNA AND RW SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.
 3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.
 4. ALPHA SECTOR SHOWN TYPICAL FOR BETA AND GAMMA SECTORS.

EXISTING WALL SECTIONS A & B

ANTENNA PLAN - ALPHA & BETA SECTORS



ANTENNA									
SECTOR	POSITION	EXISTING OR PROPOSED	MANUFACTURER - MODEL NUMBER	TECHNOLOGY	SIZE (MM)	AZIMUTH	RAD CENTER	FEED LINE TYPE AND LENGTH	
ALPHA	A1	PROPOSED	COMSCOPE - PPA-000-00	00	90.0" x 18.0"	310°	100'-10"	ALPHA SECTOR DIRECT CABLE-SWY	
BETA	B1	PROPOSED	COMSCOPE - PPA-000-00	00	90.0" x 18.0"	90°	100'-10"	BETA SECTOR DIRECT CABLE-SWY	
GAMMA	G1	PROPOSED	JWA - M008F0400-00	00	45.0" x 20.0"	170°	170'-0"	GAMMA SECTOR DIRECT CABLE-SWY	

RW				NOTES	
SECTOR	POSITION	MANUFACTURER - MODEL NUMBER	TECHNOLOGY		
ALPHA	A1	FLATJN - T00000-0000	00	1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS. 2. ANTENNA AND RW MODELS MAY CHANGE DUE TO EQUIPMENT AVAILABILITY. ALL EQUIPMENT CHANGES MUST BE APPROVED AND NOTED IN COMPLIANCE WITH THE PROPOSED DESIGN AND STRUCTURAL ANALYSIS.	
	A1	FLATJN - T00000-0000	00		
BETA	B1	FLATJN - T00000-0000	00		
	B1	FLATJN - T00000-0000	00		
GAMMA	G1	FLATJN - T00000-0000	00		
	G1	FLATJN - T00000-0000	00		

ANTENNA PLAN - GAMMA SECTOR

ANTENNA SCHEDULE

PREPARED FOR: **dish**

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY: **PLANCON**

TELECOMMUNICATIONS PROJECT MANAGEMENT

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

APPROVED FOR: 

DAVID J. SMITH
VP OF PROJECTS

DRAWING REVISION TABLE

REVISION	DATE	DESCRIPTION	APPROVED BY
1	05/05/2005	FINAL IS - 400 LBS & 0.00	
2	05/05/2005	PRELIMINARY OF PER REVIEW	
3	05/05/2005	REVIEW PERIOD 00	
4	11/05/2005	PER - PLAN DESIGN SUBMITTAL	
5	11/05/2005	PER - ELECTRICAL, MECHANICAL	
6	07/10/2006	PER - PLAN DESIGN SUBMITTAL	

THE CITY OF SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

NOTES FOR: **8DSAN00432A**

100% CONSTRUCTION, SAN DIEGO, CA 92101

NOTES FOR:

1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.

2. ANTENNA AND RW MODELS MAY CHANGE DUE TO EQUIPMENT AVAILABILITY. ALL EQUIPMENT CHANGES MUST BE APPROVED AND NOTED IN COMPLIANCE WITH THE PROPOSED DESIGN AND STRUCTURAL ANALYSIS.

REVISION

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

2. ANTENNA AND RW SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.

3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.

4. ALPHA SECTOR SHOWN TYPICAL FOR BETA AND GAMMA SECTORS.

REVISION

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

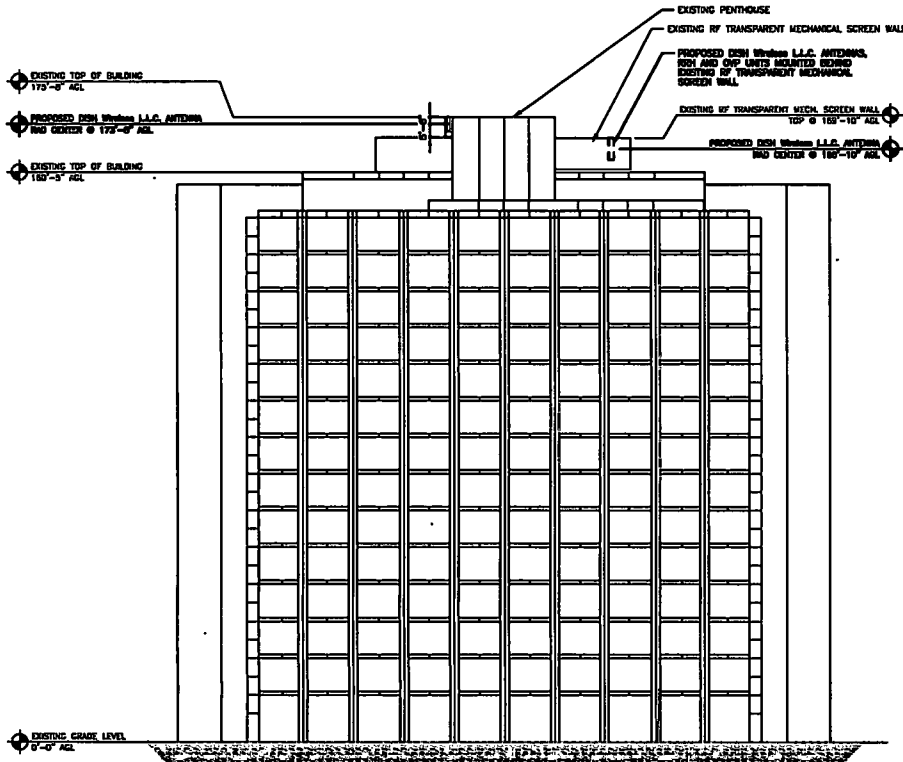
2. ANTENNA AND RW SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.

3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.

4. ALPHA SECTOR SHOWN TYPICAL FOR BETA AND GAMMA SECTORS.

NOTES

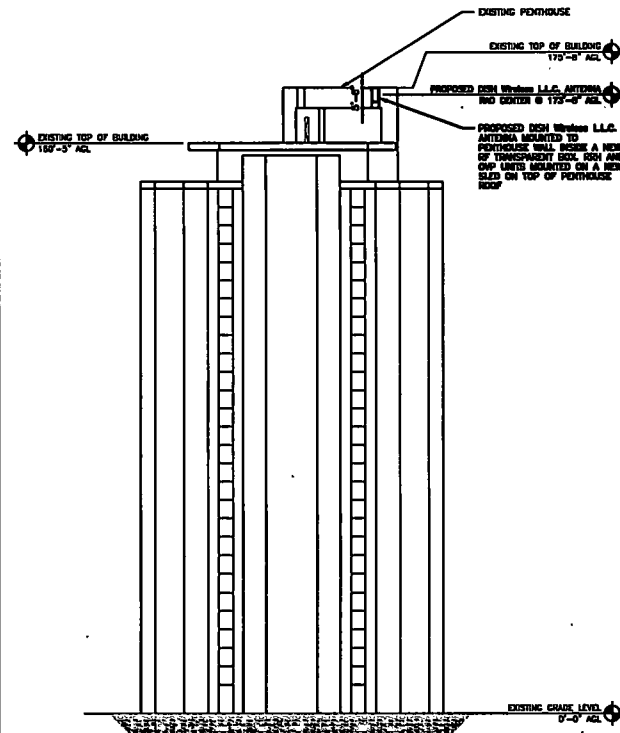
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.



BUILDING - EAST ELEVATION

16' 12" 8' 4" 0 16' 32"
1/16"=1'-0"

1



BUILDING - SOUTH ELEVATION

16' 12" 8' 4" 0 16' 32"
1/16"=1'-0"

2

NAME: COUNTY:

NOTES FOR

8DSAN00432A

1445 CLINTA ROAD, SAN DIEGO, CA 92101

SHEET 6 OF 88 SHEETS

REV NO.

REV NO.

REV 02/24/2020

PREPARED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANET
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92025

REGISTERED PROFESSIONAL



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	AFFECTED SHEETS	BY
0	01/24/2020	FINAL SD - ASD L&S & SD		
1	01/24/2020	PRELIMINARY CD FOR REVIEW		
2	01/24/2020	REVISED PRELIM CD		
3	01/24/2020	PCD - PLAN GREEN SHADING		
4	01/24/2020	PCD - CLERICAL REVISIONS		
5	01/24/2020	PCD - PLAN GREEN SHADING		

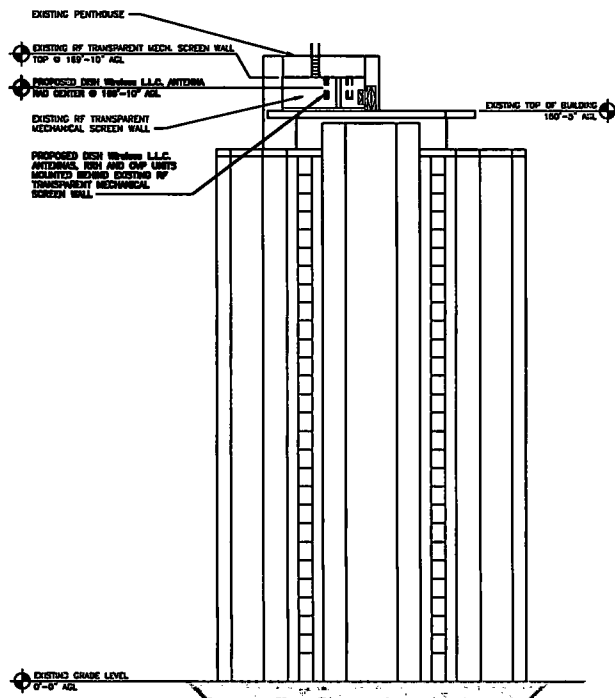
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

S05

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.



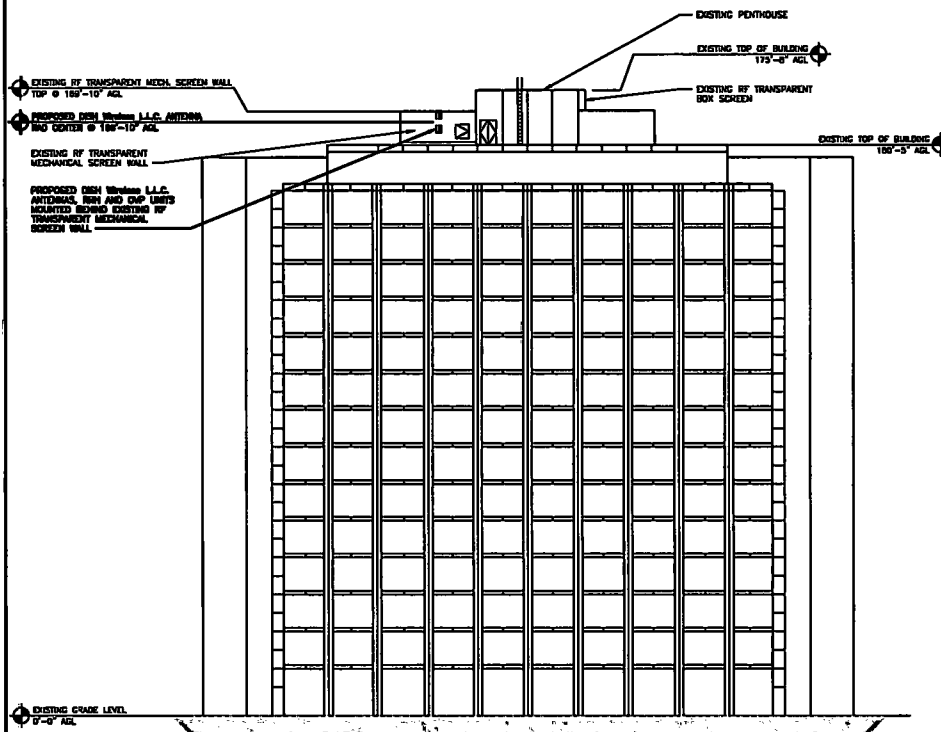
BUILDING - NORTH ELEVATION

18' 12" 8' 4" 0
 18' 32'
 1/18"=1'-0"

1

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.



BUILDING - WEST ELEVATION

18' 12" 8' 4" 0
 18' 32'
 1/18"=1'-0"

2

NOTES FOR

SDSAN00432A

1445 CLINTON ROAD, SAN DIEGO, CA 92104

SHEET 10 OF 10 SHEETS

FIG. NO.

FIG. NO.

S06

DRAWING REVISION TABLE

REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	04/24/2018	FINAL SD - SD LIAISON		
A	04/24/2018	REVISIONS TO FINAL SD		
1	04/24/2018	REVISIONS TO FINAL SD		
2	11/29/2018	RED - PLAN CHECK SUBMITTAL		
3	11/29/2018	RED - REVISIONS, REVISIONS		
4	01/24/2019	RED - PLAN CHECK SUBMITTAL		

1/2" = 1'
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO

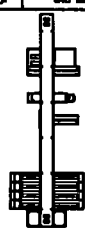
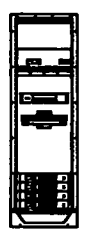
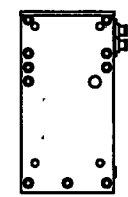
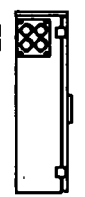
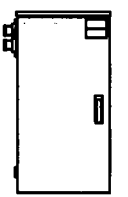
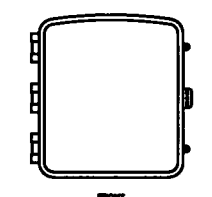
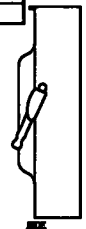
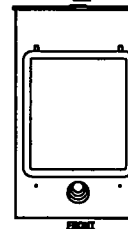
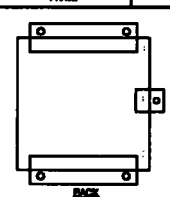
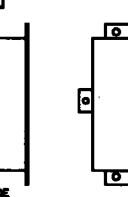
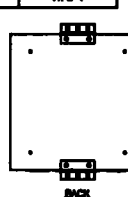
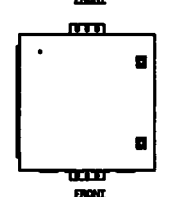
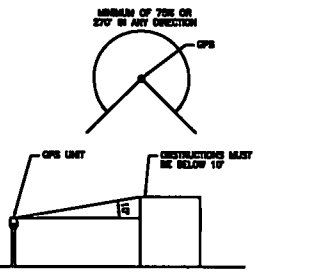
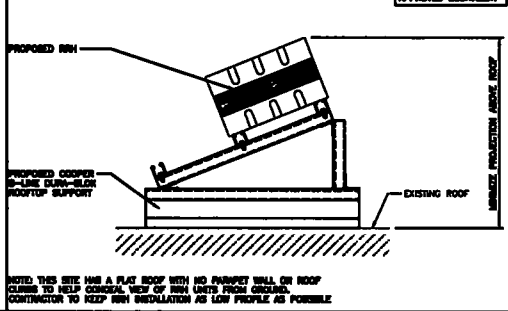
DEVELOPMENT SERVICES DEPARTMENT

DATE: 04/24/2018

APPROVED FOR
dish
 wireless.
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

APPROVED BY
PLANCONI
 TELECOMMUNICATIONS PROJECT MANAGEMENT
 302 STATE PLACE,
 ESCONDIDO, CALIFORNIA 92029



FIF RACK LOADED DIMENSIONS (MM/IN): 63.5"x28"x18.0" WEIGHT (FULL, MAXIMUM): 845 lbs   		RAYCAP PPC RDIAC-2465-P-240-MTS ENCLOSURE DIMENSIONS (MM/IN): 37"x23.85"x12.853 WEIGHT: 80 lbs OPERATING AC VOLTAGE: 240/120 1 PHASE 3Ø+0    		CIENA 3139 FIBER NID ENCLOSURE DIMENSIONS (MM/IN): 17"x18.4"x7" WEIGHT: 25.5 lbs  		SHEET 10 OF 20 SHEETS 808AN00432A 1045 CLIMAX ROAD, SAN DIEGO, CA 92108 DISH NETWORK TEL: 619.594.1234 FAX: 619.594.1235 WWW.DISHNETWORK.COM
FIF RACK DETAIL NO SCALE 1		POWER PROTECTION CABINET (PPC) DETAIL NO SCALE 2		FIBER NID ENCLOSURE DETAIL NO SCALE 3		
SQUARE D SAFETY SWITCHES D224NRB ENCLOSURE DIM (MM/IN): 28.25"x18.0"x18.0" ENCLOSURE TYPE: NEMA 3R RAINPROOF UL LISTED FILE E-28775  		LEVITON 1N240-21 SUBMETER METER: 3 AMP: 200 VOLTS AC: 120, 208, 240 PHASE: 1   		CHARLES CFIT-PF20200SH1 FIBER TELCO ENCLOSURE ENCLOSURE DIM (MM/IN): 28"x28"x14" ENCLOSURE WEIGHT: 30 lbs MOUNTING: WALL COMPLIANCE: TYPE 4   		
SAFETY SWITCH DETAIL NO SCALE 4		E-MON D-MON DETAIL NO SCALE 5		FIBER TELCO ENCLOSURE DETAIL NO SCALE 6		
GPS MINIMUM SKY VIEW REQUIREMENTS NO SCALE 7		GPS DETAIL NO SCALE 8		RRH SLED DETAIL NO SCALE 9		
		PCTEL GPSGL-TMG-SPI-40NCB DIMENSIONS (MM/IN) MM/INCH: 61x184mm 3.5"x7.25" WEIGHT W/ACCESSORIES: 670 lbs CONNECTOR: N-FEMALE FREQUENCY RANGE: 1500 & 30MHz  		 NOTE: THIS SITE HAS A FLAT ROOF WITH NO PARAPET WALL ON ROOF CLIMB TO HELP GROUND VIEW OF RRH UNITS FROM GROUND. CONTRACTOR TO KEEP RRH REGULATION AS LOW PROFILE AS POSSIBLE.		

REV: 02/24/2023

DESIGNED FOR
dish
 NETWORK
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

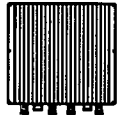
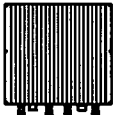
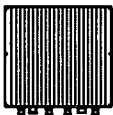
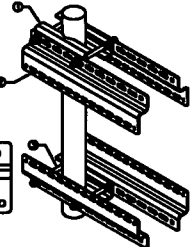
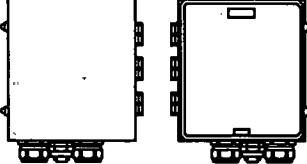
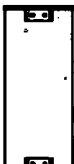
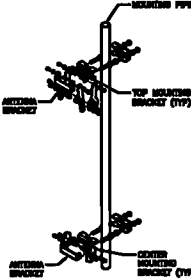
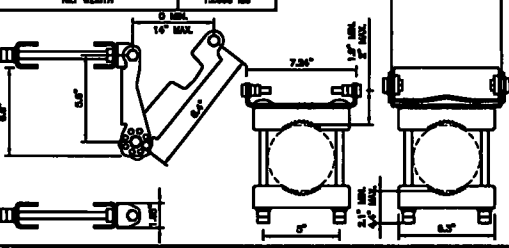
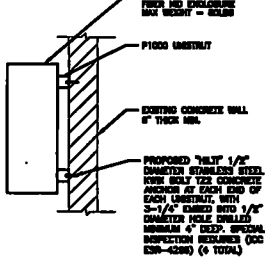
DESIGNED BY
PLANCOMI
 TELECOMMUNICATIONS PROJECT MANAGEMENT
 302 STATE PLACE,
 ESCONDIDO, CALIFORNIA 92029

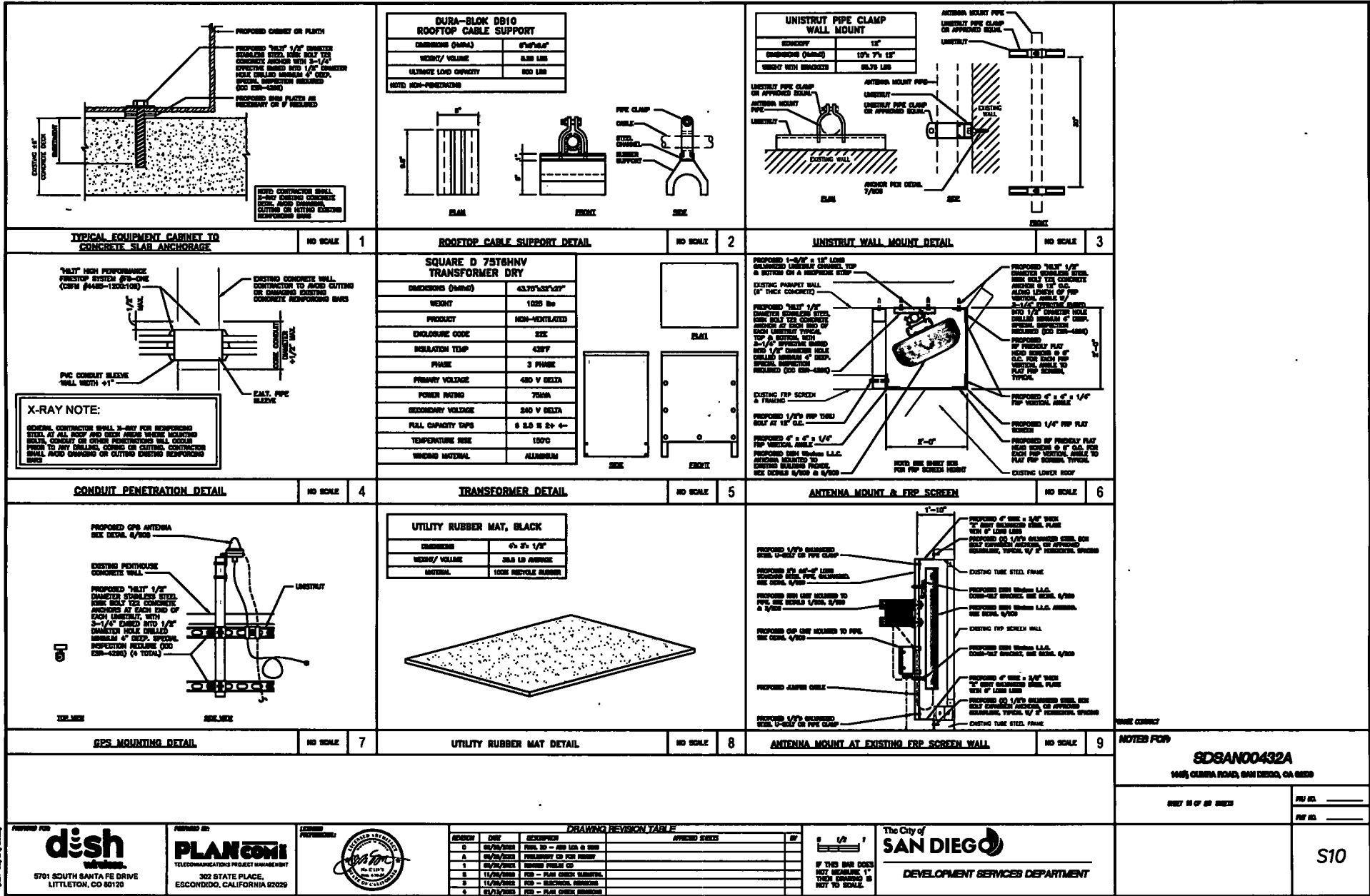


REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	02/24/2023	FINAL SET - JED LUN & JED		
1	02/24/2023	REVISIONS TO PER DISH		
2	02/24/2023	REVISIONS FROM CD		
3	02/24/2023	ADD - PLANT GROUND SURVEILLANCE		
4	02/24/2023	ADD - ELECTRICAL GROUNDING		
5	02/24/2023	ADD - PLANT GROUND SURVEILLANCE		

IF THIS SHEET DOES NOT INCLUDE "1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

FUJITSU DUAL BAND TA8025-8004 <table border="1"> <tr><td>DIMENSIONS (MMxH)</td><td>145/115/70/25</td></tr> <tr><td>WEIGHT</td><td>63.0 lb</td></tr> <tr><td>CONNECTOR TYPE</td><td>43-15 IP CONNECTION</td></tr> <tr><td>POWER SUPPLY</td><td>DC -48V-50V</td></tr> </table>   			DIMENSIONS (MMxH)	145/115/70/25	WEIGHT	63.0 lb	CONNECTOR TYPE	43-15 IP CONNECTION	POWER SUPPLY	DC -48V-50V	FUJITSU TRIPLE BAND TA8025-8005 <table border="1"> <tr><td>DIMENSIONS (MMxH)</td><td>145/115/70/25</td></tr> <tr><td>WEIGHT</td><td>74.0 lb</td></tr> <tr><td>CONNECTOR TYPE</td><td>43-15 IP CONNECTION</td></tr> <tr><td>POWER SUPPLY</td><td>DC -48V-50V</td></tr> </table>   			DIMENSIONS (MMxH)	145/115/70/25	WEIGHT	74.0 lb	CONNECTOR TYPE	43-15 IP CONNECTION	POWER SUPPLY	DC -48V-50V	SABRE DOUBLE Z-BRACKET C10123155 <table border="1"> <tr><td>DIMENSIONS (MMxH) (1 BRACKET)</td><td>870/115-12/10"</td></tr> <tr><td>WEIGHT (FULL ASSEMBLY)</td><td>25.70 lb</td></tr> <tr><td>PACKAGE QUANTITY</td><td>4</td></tr> </table>  <table border="1"> <tr><td colspan="2">DESCRIPTION</td></tr> <tr><td>MAX. CABLE WEIGHT</td><td>100 LBS</td></tr> <tr><td>MAX. CABLE SIZE</td><td>1/2" DIA</td></tr> <tr><td>THEORETICAL MAX. HEIGHT</td><td>17.5 FT</td></tr> </table>  NOTE: OR USE SABRE L.L.C. APPROVED EQUIPMENT			DIMENSIONS (MMxH) (1 BRACKET)	870/115-12/10"	WEIGHT (FULL ASSEMBLY)	25.70 lb	PACKAGE QUANTITY	4	DESCRIPTION		MAX. CABLE WEIGHT	100 LBS	MAX. CABLE SIZE	1/2" DIA	THEORETICAL MAX. HEIGHT	17.5 FT	RAYCAP RDIC-4045-PF-48 SURGE PROTECTION DEVICE (OVP) <table border="1"> <tr><td>DIMENSIONS (MMxH)</td><td>14" x 19" x 9"</td></tr> <tr><td>WEIGHT</td><td>21.00 LB</td></tr> </table>   			DIMENSIONS (MMxH)	14" x 19" x 9"	WEIGHT	21.00 LB	JMA WIRELESS MX087R0465-20 ANTENNA <table border="1"> <tr><td>DIMENSIONS (MMxH)</td><td>462/123/46/27</td></tr> <tr><td>TOTAL WEIGHT</td><td>21.3 LB</td></tr> <tr><td>RF PORTS, CONNECTOR TYPE</td><td>6 x 43-10 FEMALE</td></tr> </table>   			DIMENSIONS (MMxH)	462/123/46/27	TOTAL WEIGHT	21.3 LB	RF PORTS, CONNECTOR TYPE	6 x 43-10 FEMALE	JMA ANTENNA MOUNTING BRACKET #01900318 <table border="1"> <tr><td>TOTAL WEIGHT (WITH BRACKET)</td><td>18 lb (8.18 kg)</td></tr> <tr><td>POLE DIAMETER RANGE</td><td>3.0 TO 4.0 INCHES</td></tr> </table> NOTE: KEY ATTACHED TO TOP AND BOTTOM BRACKETS FOR 4-8" AND 8-FOOT ANTENNAS ANTENNA BRACKET NOT PART OF KIT 			TOTAL WEIGHT (WITH BRACKET)	18 lb (8.18 kg)	POLE DIAMETER RANGE	3.0 TO 4.0 INCHES	COMMSCOPE FFV4-658-R6 <table border="1"> <tr><td>DIMENSIONS (MMxHxW)</td><td>71.87/116.51/7.27"</td></tr> <tr><td>TOTAL WEIGHT (lb)</td><td>110.25</td></tr> <tr><td>RF CONNECTOR INTERFACE</td><td>43-10 FEMALE</td></tr> </table>   			DIMENSIONS (MMxHxW)	71.87/116.51/7.27"	TOTAL WEIGHT (lb)	110.25	RF CONNECTOR INTERFACE	43-10 FEMALE	COMMSCOPE ANTENNA BRACKET BSAMNT-3 <table border="1"> <tr><td>DIAMETER COMPATIBILITY</td><td>3.362" - 4.225"</td></tr> <tr><td>NET WEIGHT</td><td>13.000 lb</td></tr> </table> 			DIAMETER COMPATIBILITY	3.362" - 4.225"	NET WEIGHT	13.000 lb	 PVC CHANNEL ON WALL NO EXPOSURE MAX WEIGHT = 50 LBS P1000 UNISTRUT EXISTING CONCRETE WALL 6" THICK MIN. PROPOSED "HIT" 1/2" DIAMETER STAINLESS STEEL ROUNDED END CONCRETE ANCHORS AT EACH END OF EACH UNISTRUT, WITH 3-1/2" DIA. CURED INTO 1/2" DIAMETER HOLE DRILLED MINIMUM 4" DEEP. SPECIAL INSPECTION REQUIRED (COC 538-4288) (X TOTAL)			ANTENNA BRACKET DETAIL NO SCALE 6		
DIMENSIONS (MMxH)	145/115/70/25																																																																																		
WEIGHT	63.0 lb																																																																																		
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SURGE PROTECTION DEVICE DETAIL (OVP) NO SCALE 4			ANTENNA DETAIL NO SCALE 5			ANTENNA BRACKET DETAIL NO SCALE 6																																																																													
CABINET ANCHORAGE TO WALL NO SCALE 7			ANTENNA DETAIL NO SCALE 8			ANTENNA BRACKET DETAIL NO SCALE 9																																																																													
PREPARED FOR  5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120 PREPARED BY  302 STATE PLACE, ESCONDIDO, CALIFORNIA 92029 DESIGNED BY  DRAWING REVISION TABLE <table border="1"> <thead> <tr> <th>REVISION</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPROVED BY</th> <th>BY</th> </tr> </thead> <tbody> <tr><td>0</td><td>05/25/2023</td><td>FINAL TO - JSD LCL & RWD</td><td></td><td></td></tr> <tr><td>1</td><td>05/25/2023</td><td>PRELIMINARY FOR PER REVIEW</td><td></td><td></td></tr> <tr><td>2</td><td>05/25/2023</td><td>REVISED PER LCL</td><td></td><td></td></tr> <tr><td>3</td><td>11/28/2023</td><td>POD - PLANT CHAIN BRACKET</td><td></td><td></td></tr> <tr><td>4</td><td>11/28/2023</td><td>POD - ELECTRONIC CHAINING</td><td></td><td></td></tr> <tr><td>5</td><td>01/13/2024</td><td>POD - PLANT CHAIN BRACKET</td><td></td><td></td></tr> </tbody> </table> Scale: 1/2" = 1' IF THIS DRAW EXCEEDS THE STANDARD 11" THESE DRAWINGS ARE NOT TO SCALE The City of SAN DIEGO DEVELOPMENT SERVICES DEPARTMENT									REVISION	DATE	DESCRIPTION	APPROVED BY	BY	0	05/25/2023	FINAL TO - JSD LCL & RWD			1	05/25/2023	PRELIMINARY FOR PER REVIEW			2	05/25/2023	REVISED PER LCL			3	11/28/2023	POD - PLANT CHAIN BRACKET			4	11/28/2023	POD - ELECTRONIC CHAINING			5	01/13/2024	POD - PLANT CHAIN BRACKET			NOTES FOR 8D8AN00432A 100% CLINICAL ROAD, SAN DIEGO, CA 92101 SHEET 10 OF 10 SHEETS REV. 01 REV. 02																																							
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REV. 02/14/2023 SC9																																																																																			



RF JUMPER COLOR CODING

3/4" TYPE MOTORS WITH 3/4" SPACING

LOW-BAND RSH -
(800MHz N71 BASEBAND) +
(250MHz N28 BAND) +
(700MHz N28 BAND) - OPTIONAL PER MARKET

ADD FREQUENCY COLOR TO SECTOR BAND
(CORS WILL USE YELLOW BANDS)

ALPHA RSH				BETA RSH				GAMMA RSH			
PORT 1 + BLANK	PORT 2 + BLANK	PORT 3 + BLANK	PORT 4 + BLANK	PORT 1 + BLANK	PORT 2 + BLANK	PORT 3 + BLANK	PORT 4 + BLANK	PORT 1 + BLANK	PORT 2 + BLANK	PORT 3 + BLANK	PORT 4 + BLANK
RED 1	RED 2	RED 3	RED 4	BLUE 1	BLUE 2	BLUE 3	BLUE 4	GREEN 1	GREEN 2	GREEN 3	GREEN 4
ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE

MID-BAND RSH -
(APS BANDS N55-N70)

ADD FREQUENCY COLOR TO SECTOR BAND
(CORS WILL USE YELLOW BANDS)

RED 1	RED 2	RED 3	RED 4	BLUE 1	BLUE 2	BLUE 3	BLUE 4	GREEN 1	GREEN 2	GREEN 3	GREEN 4
PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE

HYBRID/DISCREET CABLES

INCLUDE SECTOR BANDS BEING SUPPORTED
ALONG WITH FREQUENCY BANDS

EXAMPLE 1 - HYBRID, OR DISCREET, SUPPORTS
ALL SECTORS, BOTH LOW-BANDS AND MID-BANDS

EXAMPLE 2 - HYBRID, OR DISCREET, SUPPORTS
CORS ONLY, ALL SECTORS

EXAMPLE 1	EXAMPLE 2	EXAMPLE 3
RED 1 BLUE 1 GREEN 1 ORANGE 1	RED 1 BLUE 1 GREEN 1 YELLOW	RED 1 BLUE 1 ORANGE 1 PURPLE

FIBER JUMPERS TO RSHs

LOW-BAND RSH FIBER CABLES HAVE SECTOR
STRIPS ONLY

LOW BAND RSH	HIGH BAND RSH	LOW BAND RSH	HIGH BAND RSH	LOW BAND RSH	HIGH BAND RSH
RED 1	RED 2	BLUE 1	BLUE 2	GREEN 1	GREEN 2
PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE

POWER CABLES TO RSHs

LOW-BAND RSH POWER CABLES HAVE SECTOR
STRIPS ONLY

LOW BAND RSH	HIGH BAND RSH	LOW BAND RSH	HIGH BAND RSH	LOW BAND RSH	HIGH BAND RSH
RED 1	RED 2	BLUE 1	BLUE 2	GREEN 1	GREEN 2
PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE

KEY MOTORS AT ANTENNAS

ANTENNA 1 LOW BAND	ANTENNA 1 HIGH BAND	ANTENNA 1 LOW BAND	ANTENNA 1 HIGH BAND	ANTENNA 1 LOW BAND	ANTENNA 1 HIGH BAND
RED 1	RED 2	BLUE 1	BLUE 2	GREEN 1	GREEN 2
PURPLE	PURPLE	PURPLE	PURPLE	PURPLE	PURPLE

MICROWAVE RADIO LINKS

LINKS WILL HAVE A 1.5-2 INCH WHITE WRAP WITH
THE ALPHABET COLOR OVERLAPPING BY THE MIDDLE.
ADD ADDITIONAL SECTOR COLOR BANDS FOR EACH
ADDITIONAL MW RADIO.

MICROWAVE CABLES WILL REQUIRE P-TOUCH
LABELS INSIDE THE CABINET TO IDENTIFY THE
LOCAL AND REMOTE SITE IDS

FORWARD AZIMUTH OF 0-180 DEGREES		FORWARD AZIMUTH OF 180-360 DEGREES		FORWARD AZIMUTH OF 360-540 DEGREES	
PRIMARY	SECONDARY	PRIMARY	SECONDARY	PRIMARY	SECONDARY
WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
RED 1	RED 2	BLUE 1	BLUE 2	GREEN 1	GREEN 2
WHITE	WHITE	WHITE	WHITE	WHITE	WHITE

RF CABLE COLOR CODES

NO SCALE 1

LOW BANDS (N71-N28)
OPTIONAL - (RED)

ORANGE

MID
(N55-N70-MID-BANDS)

PURPLE

CORS TECH
(3 GND)

YELLOW

NEGATIVE BLANK PORT
ON ANT/RSH

WHITE

ALPHA SECTOR

RED

BETA SECTOR

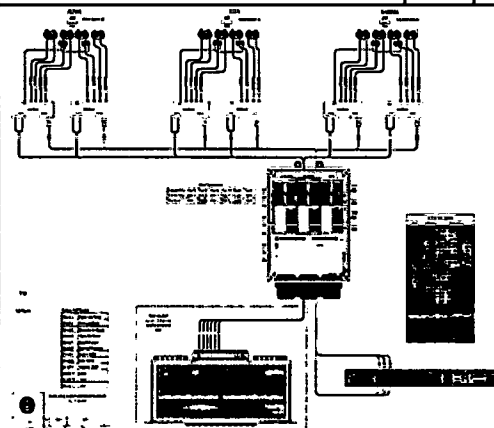
BLUE

GAMMA SECTOR

GREEN

COLOR IDENTIFIER

NO SCALE 2



PLUMBING DIAGRAM

NO SCALE 3

NOT USED

NO SCALE 4

WAVE CORRECT

NOTES FOR

SDSAN00432A

1405 CLINTON ROAD, SAN DIEGO, CA 92108

REV 10 OF 10 SHEETS

REV NO.

REV NO.

DRAWING REVISION TABLE

REVISION	DATE	DESCRIPTION	APPROVED SIGNATURE
0	02/24/2000	FILED IN - AND LIAISON	
1	02/24/2000	REVISION OF FILED IN	
2	02/24/2000	REVISION OF FILED IN	
3	02/24/2000	REVISION OF FILED IN	
4	02/24/2000	REVISION OF FILED IN	

1/2"

IF THIS DRAW DOES
NOT MEASURE 1/2"
THEN DRAWING IS
NOT TO SCALE

The City of
SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

S11

REV 02/24/2000

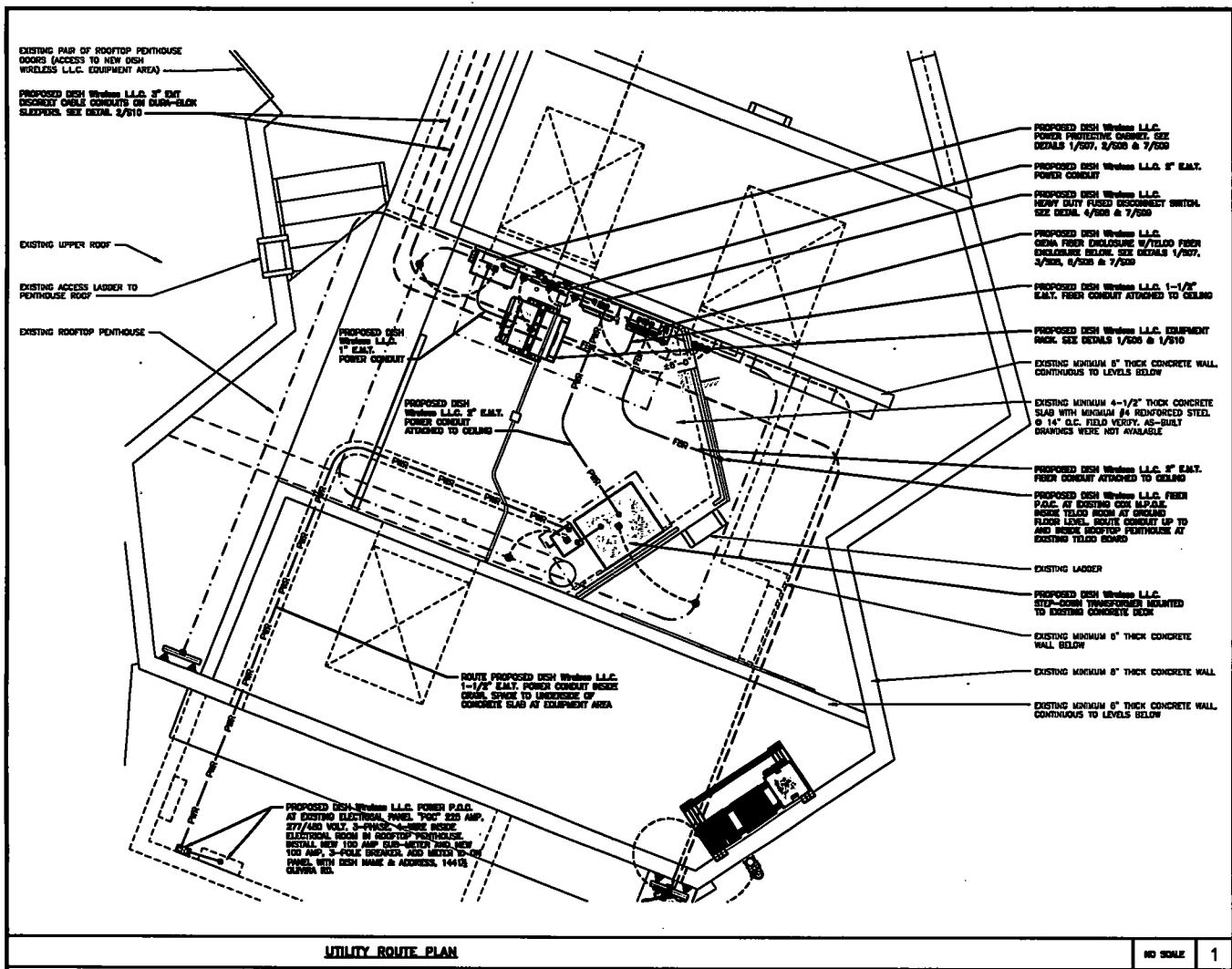
dish
network

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PLANCOM
TELECOMMUNICATIONS PROJECT MANAGEMENT

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029





DC POWER WIRING SHALL BE COLOR CODED AT EACH END FOR IDENTIFYING +5V AND -5V CONDUCTORS. RED MARKINGS SHALL IDENTIFY +5V AND BLUE MARKINGS SHALL IDENTIFY -5V.

- CONTRACTOR SHALL INSPECT THE EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARDS TO THE CONTRACTOR'S FUNCTIONS, THE SCOPE OF WORK, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE PROJECT MANAGER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
- ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL CODES 2017 AND ALL STATE 2019 AND LOCAL CODES, LAWS, AND ORDINANCES. PROVIDE ALL COMPONENTS AND WORK SIZES AS REQUIRED TO MEET ALL 2019 STANDARDS.
- LOCATION OF EQUIPMENT, CONDUIT AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE COORDINATED WITH FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- CONDUIT BUSH-INS SHALL BE COORDINATED WITH THE MECHANICAL EQUIPMENT TO AVOID LOCKING COMPLETE. VERIFY WITH THE MECHANICAL EQUIPMENT CONTRACTOR AND COMPLY AS REQUIRED.
- CONTRACTOR SHALL PROVIDE ALL BREAKERS, CONDUITS AND CIRCUITS AS REQUIRED FOR A COMPLETE SYSTEM.
- CONTRACTOR SHALL PROVIDE PULL BOXES AND JUNCTION BOXES AS REQUIRED BY THE REG ARTICLE 314.
- CONTRACTOR SHALL PROVIDE ALL STRAIN RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- ALL DISCONNECTS AND CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED PHENOLIC NAMEPLATES INDICATING EQUIPMENT CONTROLLED, BRANCH CIRCUITS INSTALLED ON, AND PANEL FIELD LOCATIONS FED FROM.
- INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS FOR THE SPECIFICATIONS AND REG 250. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE BONDED AT ALL JUNCTION BOXES, PULL BOXES, AND ALL DISCONNECT SWITCHES, AND EQUIPMENT CHASSIS.
- ALL NEW MATERIAL SHALL HAVE A UL LABEL.
- PANEL SCHEDULE LOADING AND CIRCUIT ARRANGEMENTS REFLECT POST-CONSTRUCTION EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR AS-BUILT PANEL SCHEDULE AND SITE DRAWINGS.
- ALL TRENCHES IN COMPOUND TO BE HAND DUG

ELECTRICAL NOTES

NO SCALE 2

PRICE CONTRACT

NOTES FOR

8D8AN00432A

14410 OLIVIA ROAD, SAN DIEGO, CA 92130

SHEET 10 OF 10 SHEETS

REV. NO. _____
REV. NO. _____

E01

05/12/2024/2025

DESIGNED FOR
dish
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

DESIGNED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	05/10/2024	PREL. SD - ADD GEN & TRN		
1	05/10/2024	PRELIMINARY SD FOR REVIEW		
2	05/10/2024	REVIEW PERIOD END		
3	05/10/2024	REV - PLAN CHECK REVISIONS		
4	05/10/2024	REV - ELECTRICAL REVISIONS		
5	05/10/2024	REV - PLAN CHECK REVISIONS		

1/8" = 1'-0"

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

1. CONTRACTOR SHALL INSPECT THE EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARD TO THE CONTRACTOR'S FUNCTIONS, THE SCOPE OF WORK, OR THE PROJECT SCHEDULE SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO THE CLOSING OF THE BID PERIOD WITH THE PROJECT MANAGER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
2. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL CODES AND ALL LOCAL AND LOCAL CODES, LAWS, AND ORDINANCES. PROVIDE ALL COMPONENTS AND WIRING SIZES AS REQUIRED TO MEET MEET STANDARDS.
3. LOCATION OF EQUIPMENT, CONDUIT AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE COORDINATED WITH FIELD CONDITIONS PRIOR TO CONSTRUCTION.
4. CONDUIT CUSHIONING SHALL BE COORDINATED WITH THE MECHANICAL EQUIPMENT TO AVOID LOCATION CONFLICTS. VERIFY WITH THE MECHANICAL EQUIPMENT CONTRACTOR AND COMPLY AS REQUIRED.
5. CONTRACTOR SHALL PROVIDE ALL BREAKERS, CONDUITS AND CIRCUITS AS REQUIRED FOR A COMPLETE SYSTEM.
6. CONTRACTOR SHALL PROVIDE PULL BOXES AND JUNCTION BOXES AS REQUIRED BY THE NEC ARTICLE 314.
7. CONTRACTOR SHALL PROVIDE ALL STEIN RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
8. ALL DISCONNECTS AND CONTROLLING DEVICES SHALL BE PROVIDED WITH DESIGNATED PIVOTAL HANGING POINTS. EQUIPMENT CONTROLLED, BRANCH CIRCUITS INSTALLED ON CIL AND PANEL FIELD LOCATIONS FEED FROM:
9. INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS PER THE SPECIFICATIONS AND NEC 250. THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE BONDED AT ALL JUNCTION BOXES, PULL BOXES, AND ALL DISCONNECT SWITCHES AND EQUIPMENT GROUNDERS.
10. ALL NEW MATERIAL SHALL HAVE A U.L. LABEL.
11. PANEL SCHEDULE LOADING AND CIRCUIT ARRANGEMENTS REFLECT POST-CONSTRUCTION EQUIPMENT.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR AS-BUILT PANEL SCHEDULE AND SITE CHANGES.



NO SCALE | 2



NO SCALE 3

ELECTRICAL NOTES

NO SCALE | 1

NOT USED

NO SCALE 4

NOT USED

NO SCALE 5

NOT USED

NO SCALE | 6

NOT USED

NO SCALE 7

NOT USED

NO SCALE	8
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NOTES FOR

SDSAN00432A

14075 CLEVER ROAD, SAN DIEGO, CA 92120

PAGE 7 OF 28 PAGES

PMU 102

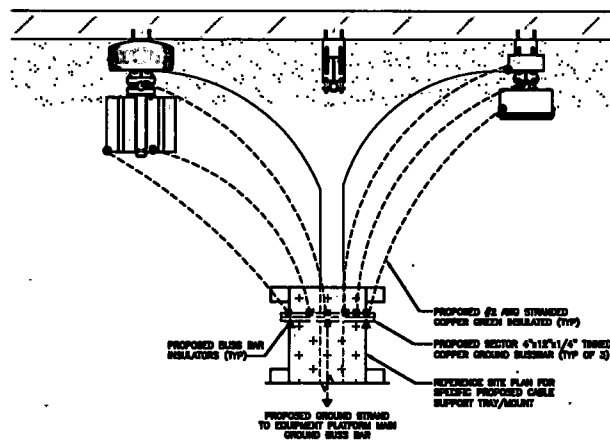
FIG 10.

EO2

NOTE

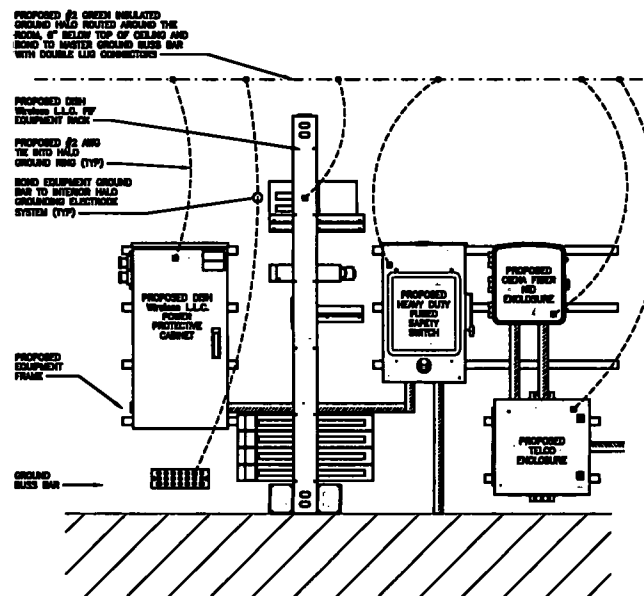
EQUIPMENT CABINET OMITTED FOR CLARITY

NO SCALE 1



TYPICAL ROOFTOP ANTENNA GROUNDING PLAN

NO SCALE 2



H-FRAME GROUNDING DETAIL

NO SCALE 3

FRAME CORNER

NOTES FOR

SD8AN00432A

1445 OLIMPA ROAD, SAN DIEGO, CA 92108

SHEET 05 OF 05 SHEETS

FIG. NO.

FIG. NO.

REV 02/24/2020

PROPOSED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



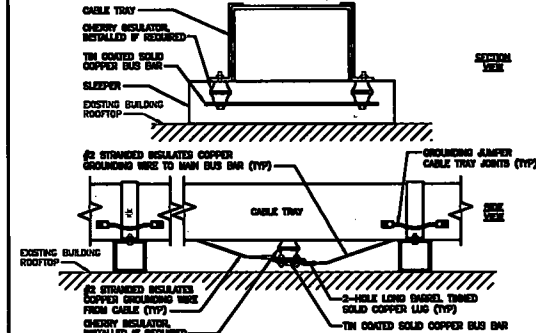
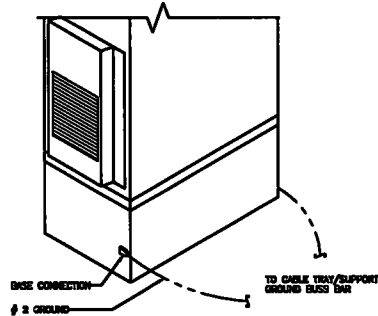
DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED SHEET	BY
0	02/24/2020	FINAL SET - FOR LIAISON		
1	02/24/2020	REVISION FOR DISH		
2	02/24/2020	REVISION FOR DISH		
3	02/24/2020	FOR - FINAL CHECK SUBMITTAL		
4	02/24/2020	FOR - ELECTRICAL SUBMITTAL		
5	02/24/2020	FOR - FINAL CHECK SUBMITTAL		

1/8"
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

E05

1. EXTERIOR WELD (2) TWO (2) AND MORE THREADED SOLID COPPER CONDUCTORS TO GROUND BUS. ROUTE CONDUCTORS TO BURIED GROUND BARS AND PROVIDE PARALLEL EXTERIOR WELD.
2. ALL EXTERIOR GROUNDING HARDWARE SHALL BE STAINLESS STEEL 1/8" DIAMETER OR LARGER. ALL HARDWARE 16-6 STAINLESS STEEL. INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE INSTALLING.
3. FOR GROUND BOND TO STEEL, ONLY COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE INSTALLING.
4. DO NOT INSTALL CABLE GROUNDING KIT AT A BEND AND ALWAYS DIRECT GROUND CONDUCTOR DOWN TO GROUNDING BUS.
5. NUT & WASHER SHALL BE PLACED ON THE FRONT SIDE OF THE GROUND BAR AND BOLTED ON THE BACK SIDE.
6. ALL GROUNDING PARTS AND EQUIPMENT TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL GROUND BAR AS REQUIRED.
8. ENSURE THE WIRE INSULATION TERMINATION IS WITHIN 1/8" OF THE BARREL (NO BENDS).



TYPICAL GROUNDING NOTES

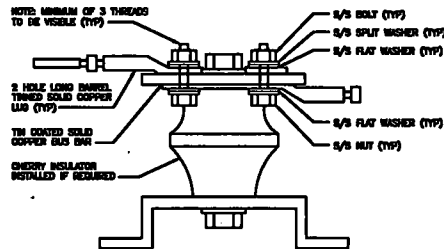
NO SCALE 1

OUTDOOR CABINET GROUNDING

NO SCALE 2

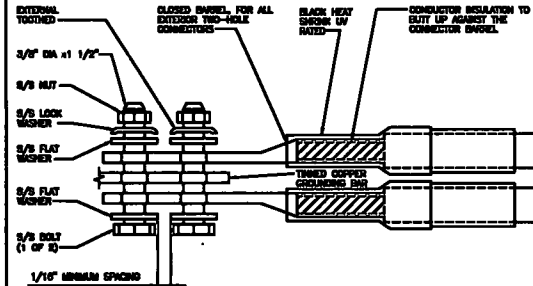
TYPICAL CABLE TRAY GROUND BUSS BAR

NO SCALE 3



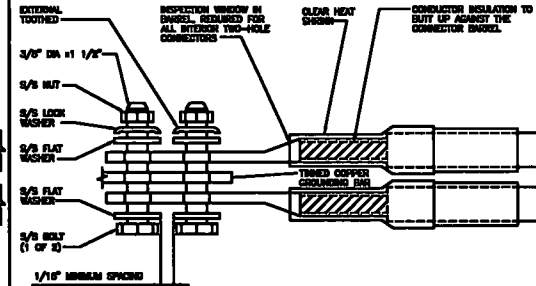
LUG DETAIL

NO SCALE 4



TYPICAL EXTERIOR TWO HOLE LUG

NO SCALE 5



TYPICAL INTERIOR TWO HOLE LUG

NO SCALE 6

FOR THE CONTRACTOR

NOTES FOR

SDSAN00432A

1440, CLIMAX ROAD, SAN DIEGO, CA 92108

SHEET 01 OF 01 SHEETS

REV. NO.

REV. NO.

REV. 02/24/2020

DESIGNED FOR
dish
WIRELESS
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

DESIGNED BY
PLANET
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

APPROVED BY



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	02/24/2020	FINAL TO - ADD LUG & BUS		
1	02/24/2020	REVISION TO FOR OWNER		
2	02/24/2020	REVISION TO FOR OWNER		
3	02/24/2020	REVISION TO FOR OWNER		
4	02/24/2020	REVISION TO FOR OWNER		

IF THIS BAR DOES NOT MEASURE 1" THEN GROUNDING IS NOT TO SCALE

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

E06

DIATHERMIC CONNECTION		AB ANCHOR BOLT	GRD GROUND	TOP TOP OF PLATE (HAPPED)
MECHANICAL CONNECTION		ABV ABOVE	GRM GLOBAL SYSTEM FOR MOBILE	TOS TOP OF SITE
SUBS BIA INSULATOR		AC ALTERNATING CURRENT	HDD NOT DIPPED GALVANIZED	TOW TOP OF WALL
CHEMICAL ELECTROLYTIC GROUNDING SYSTEM		ADD ADDITIONAL	HDR HANGER	TSS TRANSIENT VOLTAGE SURGE SUPPRESSION
TEST CHEMICAL ELECTROLYTIC GROUNDING SYSTEM		AFV ABOVE FINISHED FLOOR	HMC HEAT/VENTILATION/AIR CONDITIONING	TYP TYPICAL
DIATHERMIC WITH INSPECTION SLEEVE		AFS ABOVE FINISHED GRADE	HNC HEAT/VENTILATION/AIR CONDITIONING	UG UNDERGROUND
GROUNDING BIA		AGL ABOVE GROUND LEVEL	HT HEIGHT	UL UNDERWRITERS LABORATORY
GROUND ROD		AGC AMPERAGE INTERRUPTION CAPACITY	IR INTERIOR GROUND RING	UNO UNLESS NOTED OTHERWISE
TEST GROUND ROD WITH INSPECTION SLEEVE		ALUM ALUMINUM	IS IS	UNTS UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
SINGLE POLE SWITCH		ALT ALTERNATE	IS INTERIOR	UPS UNINTERRUPTIBLE POWER SYSTEM (DC POWER PLANT)
DUPLEX RECEPTACLE		ANT ANTENNA	LACU LAMINATE	VF VERIFIED IN FIELD
DUPLEX GFCI RECEPTACLE		APPRX APPROXIMATE	LFE LONG TERM EVOLUTION	V V
FLUORESCENT LIGHTING FIXTURE (S) TWO LAMPS 48-72		ARCH ARCHITECTURAL	NAG NAGNEY	W WITH
SMOKE DETECTION (SD)		ATS AUTOMATIC TRANSFER SWITCH	NAX NAXIMUM	WD WOOD
EMERGENCY LIGHTING (EL)		AWO AMERICAN WIRE GAUGE	NB NACHINE BOLT	WP WEATHERPROOF
SECURITY LIGHT W/PHOTOCELL LITHONIA ALUM		BUT BUTTERY	MECH MECHANICAL	WT WEIGHT
LED-1-25W/60/51K-50W-120-PC-00010		BLS BUILDING	MFR MANUFACTURER	
CHAIN LINK FENCE		BLK BLACK	MGR MASTER GROUND BIA	
WOOD/BROUGHT IRON FENCE		BLD BLOCKING	MIS MISCELLANEOUS	
WALL STRUCTURE		BM BENCHMARK	MNL MANUAL	
LEAK AREA		BTC BARE TINED COPPER CONDUCTOR	MTS MANUAL TRANSFER SWITCH	
PROPERTY LINE (PL)		BOF BOTTOM OF FOOTING	MW MICROWAVE	
SETBACKS		CAB CABINET	NEC NATIONAL ELECTRIC CODE	
ICE BRIDGE		CMT CANTILEVERED	NEI NEWTON METERS	
CABLE TRAY		CHO CHAIRING	NO. NUMBER	
WATER LINE		CIS CEILING	NTS NOT TO SCALE	
UNDERGROUND POWER		CLR CLEAR	OC ON-CENTER	
UNDERGROUND TELO		COL COLLAR	OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	
OVERHEAD POWER		COM COMMON	OPED OPENED	
OVERHEAD TELO		CONC CONCRETE	P/O PRECAST CONCRETE	
UNDERGROUND TELO/POWER		CONTR CONSTRUCTION	PCS PERSONAL COMMUNICATION SERVICES	
ABOVE GROUND POWER		DBL DOUBLE	PCU PRIMARY CONTROL UNIT	
ABOVE GROUND TELO		DC DIRECT CURRENT	PRC PRIMARY RADIO CABINET	
ABOVE GROUND TELO/POWER		DEPT DEPARTMENT	PP POLARIZING PRESERVING	
WORKPOINT		DF DOUGLAS FIR	PPF POUNDS PER SQUARE FOOT	
		DIA DIAMETER	PS POUNDS PER SQUARE INCH	
		DWG DRAWING	PT PRESURE TREATED	
		DWL DOWEL	PR POWER CABINET	
		EA EACH	QTY QUANTITY	
		EC ELECTRICAL CONDUCTOR	RND RADIUS	
		EL ELEVATION	RECT RECTIFIER	
		ELEC ELECTRICAL	REF REFERENCE	
		ENT ELECTRICAL METALLIC TUBING	REMF REINFORCEMENT	
		ENG ENGINEER	REVD REVISED	
		EQ EQUAL	RET REMOTE ELECTING TLT	
		EXP EXPANSION	RF RADIO FREQUENCY	
		EXT EXTERIOR	RMC RIGID METALLIC CONDUIT	
		EX EACH WAY	RRI REMOTE RADIO HEAD	
		FAB FABRICATION	RRI REMOTE RADIO UNIT	
		FF FRESH FLOOR	SCH SCHEDULE	
		FG FRESH GRADE	SHT SHEET	
		FF FACILITY INTERFERENCE FRAME	SMD SMART INTEGRATED ADDRESS DEVICE	
		FLS FLOOR	SM SIGNAL	
		FLS FLOOR	SPEC SPECIFICATION	
		FO FACE OF CONCRETE	SQ SQUARE	
		FOM FACE OF MASONRY	SS STAINLESS STEEL	
		FS FACE OF STUD	STD STANDARD	
		FW FACE OF WALL	STL STEEL	
		FS FRESH SURFACE	TAMP TEMPORARY	
		FT FOOT	TH THICKNESS	
		FTS FOOTING	TMA TURNER MOUNTED AMPLIFIER	
		GA GAUGE	TH TIE BAIL	
		GEN GENERATOR	TOA TOP OF ANTENNA	
		GFI GROUND FAULT CIRCUIT INTERRUPTER	TOC TOP OF CURB	
		GLB GLUE LAMINATED BEAM	TOP TOP OF FOUNDATION	
		GLV GALVANIZED		
		GPS GLOBAL POSITIONING SYSTEM		

LEGEND		ABBREVIATIONS		NOTES FOR SDSAN00432A 1405 OLIVERA ROAD, SAN DIEGO, CA 92108 SHEET 02 OF 02 SHEETS REV. NO. _____ REV. NO. _____	
3701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120		302 STATE PLACE, ESCONDIDO, CALIFORNIA 92029		DEVELOPMENT SERVICES DEPARTMENT	
		DRAWING REVISION TABLE		E07	
REVISION 0 1 2 3 4 5 6	DATE 05/20/2003 06/10/2003 06/10/2003 06/10/2003 06/10/2003 06/10/2003 06/10/2003	DESCRIPTION PREL. SD - SEE LIAISON PRELIMINARY SD FOR DESIGN DESIGN PRELIM SD PRELIM SD - SEE LIAISON PRELIM SD - SEE LIAISON PRELIM SD - SEE LIAISON PRELIM SD - SEE LIAISON	APPROVED SHEETS BY BY BY BY BY BY	IF THIS SHEET DOES NOT INCLUDE A "NOT TO SCALE" NOTE, IT IS NOT TO SCALE.	

SIGN TYPES		
TYPE	COLOR	COLOR CODE PURPOSE
INFORMATION	GREEN	"INFORMATIONAL SIGN" TO NOTIFY OTHERS OF SITE OWNERSHIP & CONTACT NUMBER AND POTENTIAL RF EXPOSURE.
NOTICE	BLUE	"NOTICE BEYOND THIS POINT" RF FIELDS BEYOND THIS POINT MAY EXCEED THE FCC GENERAL PUBLIC EXPOSURE LIMIT. OBEY ALL POSTED SIGNS AND SITE GUIDELINES FOR WORKING IN RF ENVIRONMENTS. IN ACCORDANCE WITH FEDERAL COMMUNICATIONS COMMISSION RULES ON RADIO FREQUENCY EMISSIONS 47 CFR-1.1307(d).
CAUTION	YELLOW	"CAUTION BEYOND THIS POINT" RF FIELDS BEYOND THIS POINT MAY EXCEED THE FCC GENERAL PUBLIC EXPOSURE LIMIT. OBEY ALL POSTED SIGNS AND SITE GUIDELINES FOR WORKING IN RF ENVIRONMENTS. IN ACCORDANCE WITH FEDERAL COMMUNICATIONS COMMISSION RULES ON RADIO FREQUENCY EMISSIONS 47 CFR-1.1307(d).
WARNING	ORANGE/RED	"WARNING BEYOND THIS POINT" RF FIELDS AT THIS SITE EXCEED FCC RULES FOR HAZARDOUS EXPOSURE. FAILURE TO OBEY ALL POSTED SIGNS AND SITE GUIDELINES FOR WORKING IN RF ENVIRONMENTS COULD RESULT IN SERIOUS INJURY. IN ACCORDANCE WITH FEDERAL COMMUNICATIONS COMMISSION RULES ON RADIO FREQUENCY EMISSIONS 47 CFR-1.1307(d).

SIGN PLACEMENT:

- IF SIGNAGE PLACEMENT SHALL FOLLOW THE RECOMMENDATIONS OF AN EXISTING DME REPORT, CREATED BY A THIRD PARTY PREVIOUSLY AUTHORIZED BY DISH Wireless L.L.C.
- INFORMATION SIGN (GREEN) SHALL BE LOCATED ON EXISTING DISH Wireless L.L.C. EQUIPMENT.
- A) IF THE INFORMATION SIGN IS A STICKER, IT SHALL BE PLACED ON EXISTING DISH Wireless L.L.C. EQUIPMENT CABINET.
- B) IF THE INFORMATION SIGN IS A METAL SIGN IT SHALL BE PLACED ON EXISTING DISH Wireless L.L.C. H-FRAME WITH A SECURE ATTACH METHOD.
- IF DME REPORT IS NOT AVAILABLE AT THE TIME OF CREATION OF CONSTRUCTION DOCUMENTS, PLEASE CONTACT DISH Wireless L.L.C. CONSTRUCTION MANAGER FOR FURTHER INSTRUCTION ON HOW TO PROCEED.

NOTES:

1. FOR DISH Wireless L.L.C. LOGO, SEE DISH Wireless L.L.C. DESIGN SPECIFICATIONS (PROVIDED BY DISH Wireless L.L.C.)
2. SITE ID SHALL BE APPLIED TO SIGNS USING "LASER ENGRAVING" OR ANY OTHER WEATHER RESISTANT METHOD (DISH Wireless L.L.C. APPROVAL REQUIRED)
3. TEXT FOR SIGNAGE SHALL INDICATE CORRECT SITE NAME AND NUMBER AS PER DISH Wireless L.L.C. CONSTRUCTION MANAGER RECOMMENDATIONS.
4. CABINET/SHELTER MOUNTING APPLICATION REQUIRES ANOTHER PLACE APPLIED TO THE FACE OF THE CABINET WITH WATER PROOF POLYURETHANE ADHESIVE
5. ALL SIGNS WILL BE SECURED WITH EITHER STAINLESS STEEL ZIP TIES OR STAINLESS STEEL TIEON SCREWS
6. ALL SIGNS TO BE 6.5"x11" AND MADE WITH 0.04" OF ALUMINUM MATERIAL.

INFORMATION

This is an access point to an area with transmitting antennas.

Obey all signs and barriers beyond this point.
Call the DISH Wireless L.L.C. NOC at 1-866-624-6874

Site ID: _____



THIS SIGN IS FOR REFERENCE PURPOSES ONLY

NOTICE



Transmitting Antenna(s)

Radio frequency fields beyond this point MAY EXCEED the FCC Occupational exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

Call the DISH Wireless L.L.C. NOC at 1-866-624-6874 prior to working beyond this point.

Site ID: _____

dish

THIS SIGN IS FOR REFERENCE PURPOSES ONLY

CAUTION



Transmitting Antenna(s)

Radio frequency fields beyond this point MAY EXCEED the FCC Occupational exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

Call the DISH Wireless L.L.C. NOC at 1-866-624-6874 prior to working beyond this point.

Site ID: _____

dish

THIS SIGN IS FOR REFERENCE PURPOSES ONLY

WARNING



Transmitting Antenna(s)

Radio frequency fields beyond this point EXCEED the FCC Occupational exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

Call the DISH Wireless L.L.C. NOC at 1-866-624-6874 prior to working beyond this point.

Site ID: _____

dish

THIS SIGN IS FOR REFERENCE PURPOSES ONLY

RF SIGNAGE

DRAWING REVISION TABLE

REVISION	DATE	DESCRIPTION	APPROVED BY	BY
0	05/19/2010	PREL. SD - RED LINES & SIGN		
1	05/19/2010	PRELIMINARY CD FOR REVIEW		
2	05/19/2010	REVISED PRELIM CD		
3	11/19/2010	RED - PLAN CHECK SUBMITTAL		
4	11/19/2010	RED - ELECTRICAL REVIEW		
5	01/13/2011	RED - PLAN CHECK REVISIONS		

IF THIS ONE DOES NOT WORK, IT THEN BECOMES A NOT TO SCALE.

The City of
SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

FINAL CHECK

NOTES FOR

SDSAN00432A

10405 OLINDA ROAD, SAN DIEGO, CA 92108

SHEET 08 OF 08 SHEETS

PROJ. NO.

PROJ. NO.

E08

05/19/2010 10:00 AM

APPROVED FOR
dish
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

APPROVED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
332 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



SITE ACTIVITY REQUIREMENTS:

1. 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 L.L.C. AND TOWER OWNER NOC & THE DISH Wireless L.L.C. AND TOWER OWNER CONSTRUCTION MANAGER.
2. "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 COMPROMISE THE INTEGRITY OR 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 PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR DISH Wireless L.L.C. AND DISH Wireless L.L.C. AND TOWER OWNER POC OR CALL THE NOC TO GENERATE 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 ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS, INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (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 ANSI/ASSE A10.48 (LATEST EDITION) AND DISH Wireless L.L.C. AND TOWER OWNER STANDARDS, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-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, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. 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 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. 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, GAS, 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. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE (BUT NOT BE LIMITED TO) A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND DISH PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBERS, 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.
16. 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/OR PROJECT 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 LOCATION.

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 EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSURED 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 MISCELLANEOUS 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 OBSERVATION 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 SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.

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 OR 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 CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CARRIER POC AND TOWER 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.

9. 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 DRAWINGS.

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 BASIS.

PHONE CONTACT

NOTES FOR

SD8AN00432A

1445 OLINDA ROAD, SAN DIEGO, CA 92108

SEEK OUT OF THE SHEET

REV. 02

REV. 03

E09

APPROVED FOR

dish
wireless

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

APPROVED BY

PLANCOMI
TELECOMMUNICATIONS PROJECT MANAGER

302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029

APPROVED FOR



REVISION

DATE DESCRIPTION

REVISION	DATE	DESCRIPTION	APPROVED BY	BY
1	04/15/2010	REV. 02 - SEE L&S & S&S		
2	04/15/2010	REVISION FOR POWER		
3	04/15/2010	REVISION FOR TELCO		
4	04/15/2010	REV - PLAN OWNER SUBMITTAL		
5	04/15/2010	REV - ELECTRICAL REVISION		
6	04/15/2010	REV - PLAN OWNER SUBMITTAL		

1/8"

1/4"

1/2"

3/4"

1"

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

The City of

SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 338, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
2. 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 (f'_c) 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°F 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) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPICES SHALL BE CLASS "B" TENSION SPICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (f_y) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
#4 BARS AND SMALLER 40 ksi
#6 BARS AND LARGER 60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER:
 - #6 BARS AND LARGER 2"
 - #8 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.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEPARATED AND MAINTAIN MINIMUM CABLE SEPARATION BY THE FOLLOWING:
 - 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 RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE CONVENING JURISDICTION.
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 AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. THE 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 THW, 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 THW, 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 THW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. 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 (167° F IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. 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 (MCC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90° 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.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN EMERAL 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 FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE 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 EXTERIOR 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 FULL CORD INSTALLED.

PHONE CONTACT

NOTED FOR	
8D8AN00432A	
1445 OLIMPIA ROAD, SAN DIEGO, CA 92108	
SHEET 08 OF 08 SHEETS	
REV. NO.	_____
REV. NO.	_____
E10	

DATE: 04/14/20

PREPARED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGER
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



DRAWING REVISION TABLE				
REVISION	DATE	DESCRIPTION	APPROVED SHEET	BY
0	04/14/2020	ISS. 15 - ADD LUG & BUSH		
1	04/14/2020	PRELIMINARY CD FOR REVIEW		
2	04/14/2020	REVISED PER LUG CD		
3	11/15/2020	REV - PLAN SHEET SUBMITTAL		
4	11/15/2020	REV - ELECTRICAL REVISIONS		
5	04/14/2020	REV - PLAN CHECK REVISIONS		

1/8" = 1' IF THIS SHEET DOES NOT MEASURE 11" HIGH, DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GESS'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 61) FOR GROUND ELECTRODE SYSTEMS. THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
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 GROUNDING AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE OR APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. 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 ETS EQUIPMENT.
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 ETS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR ETS.
7. 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 ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONCRETS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR 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 (I.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE 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-WELD 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 SYSTEM. THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLLUMS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY). DO NOT ATTACH GROUNDING TO FIRE SPRINKLER SYSTEM PIPES.

FRAME CORRECT

NOTED FOR

808AN00432A

1445 OLINDA ROAD, SAN DIEGO, CA 92108

SHEET 00 OF 00 SHEETS

REV. NO.

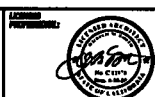
REV. NO.

E11

REV. 02/14/2003

PREPARED FOR
dish
wireless
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

PREPARED BY
PLANCONI
TELECOMMUNICATIONS PROJECT MANAGEMENT
302 STATE PLACE,
ESCONDIDO, CALIFORNIA 92029



DRAWING REVISION TABLE				
NO.	DATE	DESCRIPTION	BY	CHKD.
0	02/14/2003	PREL. Dwg - SEE L&S & S&S		
1	02/14/2003	REVISIONS TO PREL. Dwg		
2	02/14/2003	REVISIONS TO PREL. Dwg		
3	02/14/2003	PREL. Dwg - SEE L&S & S&S		
4	02/14/2003	PREL. Dwg - SEE L&S & S&S		
5	02/14/2003	PREL. Dwg - SEE L&S & S&S		
6	02/14/2003	PREL. Dwg - SEE L&S & S&S		

IF THIS Dwg DOES NOT SHOW, IT THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

Licensee Site Name:

EXHIBIT "C" to Space License Agreement is entered into as of **[DATE]** by and between **CHSP TRS MISSION BAY LLC**, a Delaware limited liability company (hereinafter referred to as "Licensor") and **DISH WIRELESS L.L.C.**, a Colorado limited liability company (hereinafter referred to as "Licensee");

COPIES OF APPLICATIONS AND FCC OPERATING LICENSES

[See attached copies of DISH's Apps & FCC Licenses]

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: GAMMA ACQUISITION L.L.C.

ATTN: ALISON MINEA
GAMMA ACQUISITION L.L.C.
1110 VERMONT AVENUE NW SUITE 750
WASHINGTON, DC 20005

Call Sign T060430161	File Number
Radio Service AD - AWS-4 (2000-2020 MHz and 2180-2200 MHz)	

FCC Registration Number (FRN): 0021004817

Grant Date 03-07-2013	Effective Date 09-11-2020	Expiration Date 06-14-2023	Print Date
Market Number BEA161	Channel Block A		Sub-Market Designator 0
Market Name San Diego, CA			
1st Build-out Date 03-07-2017	2nd Build-out Date 06-14-2023	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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: GAMMA ACQUISITION L.L.C.

Call Sign: T060430161

File Number:

Print Date:

Special Condition 1: This license document as first issued on March 7, 2013, reflects the Order of Modification and Authorization (DA 13-231) to existing Mobile Satellite Service ("MSS") call sign E060430 to add Part 27 rights and obligations for Advanced Wireless Service-4 ("AWS-4") terrestrial operating authority with all of the attendant rights, limitations, and obligations associated with the AWS-4 service rules adopted in WT Docket No. 12-70 (FCC 12-151), and any subsequent orders. The license document issued on March 7, 2013, is not a separate authorization in and of itself. The parameters reflected in the International Bureau Filing System for the MSS authorization of the license (call sign E060430) together with the parameters reflected in the Universal Licensing System for the standalone terrestrial authorization of the license (call sign T060430001 - T060430176 derivatives) as of March 7, 2013 constitute the whole of the modified license. Except as otherwise ordered, a licensee of AWS-4 operating authority is permitted to partition, disaggregate, and lease AWS-4 spectrum as provided under the FCC's rules. See, e.g., FCC 19-103, 47 CFR Parts 1, 27. The partition, disaggregation, or lease of AWS-4 spectrum does not encompass the MSS authorization.

Special Condition 2: A licensee of AWS-4 operating authority shall comply with the specific Global Positioning System ("GPS") protection limits set forth in the September 27, 2012 letter agreement between DISH Network Corporation (parent corp. of the AWS-4 licensee under this license as issued on March 7, 2013) and the U.S. GPS Industry Council, as detailed in FCC Order 12-151. See Service Rules for Advanced Wireless Services in the 2000-2020 MHz and 2180-2200 MHz Bands, WT Docket Nos. 12-70, 04-356, ET Docket No. 10-142, Report and Order and Order of Proposed Modification, 27 FCC Rcd 16102, 16151-53, at Paras. 118-122 (2012) (AWS-4 Report and Order), citing Letter from Jeffrey H. Blum, Deputy General Counsel, DISH Network Corporation, and F. Michael Swiek, Executive Director, The U.S. GPS Industry Council, to Marlene H. Dortch, Sec'y, Federal Communications Commission, WT Docket Nos. 12-70, 04-356, ET Docket No. 10-142 (filed Sept. 27, 2012) (a copy of this letter is attached). Further, as detailed in the AWS-4 Report and Order, an AWS-4 license shall remain subject to this Special Condition 2 in the event that the licensee assigns or otherwise transfers the license to a successor-in-interest or assignee. *Id.* at 16152-53, Para. 121.

Special Condition 3A: A licensee of AWS-4 operating authority shall protect Federal operations in the 2200-2290 MHz band as specified in Section 27.1134(e) of the Commission's rules and in FCC Order 12-151. 47 C.F.R. § 27.1134(e); Service Rules for Advanced Wireless Services in the 2000-2020 MHz and 2180-2200 MHz Bands, WT Docket Nos. 12-70, 04-356, ET Docket No. 10-142, Report and Order and Order of Proposed Modification, 27 FCC Rcd 16102, 16148-51, at Paras. 107-117 (2012) (AWS-4 Report and Order).

Licensee Name: GAMMA ACQUISITION L.L.C.

Call Sign: T060430161

File Number:

Print Date:

Special Condition 3B: In December 2012, DISH Network Corporation (parent corp. of the AWS-4 licensee under this license as issued on March 7, 2013) and federal users of the 2200-2290 MHz band entered into an operator-to-operator agreement. Letter from Karl B. Nebbia, Associate Administrator, Office of Spectrum Management, National Telecommunications and Information Administration, to Julius Knapp, Chief, Office of Engineering and Technology, Federal Communications Commission, WT Docket Nos. 12-70, 04-356, ET Docket No. 10-142, at Attachment ("Operator-to-Operator Agreement between New DBSD Satellite Services G.P. and Gamma Acquisition L.L.C. and United States Federal Government Agencies Operating Earth Stations and/or Aeronautical Mobile Telemetry (AMT) Stations in the 2200-2290 MHz Band") (Dec. 11, 2012) (a copy of this letter is attached). As detailed in FCC Order 12-151, a licensee of AWS-4 operating authority shall comply with this agreement with regard to the permissible AWS-4 emissions into the 2200-2290 MHz band and/or the maximum actual AWS-4 emissions to be received at the specified sites of Federal operations in the 2200-2290 MHz band. AWS-4 Report and Order, 27 FCC Rcd at 16148-51, Paras. 107-117.

Special Condition 3C: As detailed in Section 27.1134(e)(2) of the Commission's rules and in FCC Order 12-151, a licensee of AWS-4 operating authority who is a party to a private contractual agreement between it and a Federal government entity(ies) operating in the 2200-2290 MHz band must maintain a copy of the agreement in its station files and disclose it, upon request, to prospective AWS-4 assignees, transferees, or spectrum lessees, to Federal operators, and to the Commission. 47 C.F.R. § 27.1134(e)(2); AWS-4 Report and Order, 27 FCC Rcd at 16149-50, at Para. 112.

Special Condition 4A: This license is subject to the terms of the Memorandum Opinion and Order, DA 13-2409, in WT Docket No. 13-225.

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.

Special Condition 4B: On June 1, 2016, DISH Network Corporation, parent corp. of the AWS-4 licensee under this license (as issued on March 7, 2013, and to date), stated unequivocally its election applicable to all AWS-4 licenses of terrestrial downlink-not terrestrial uplink-operations at 2000-2020 MHz. See WT Docket No. 13-225, Letter from Jeffrey H. Blum, Senior Vice President & Deputy General Counsel, DISH Network Corporation, to Marlene H. Dortch, Secretary, FCC (filed Jun. 1, 2016). See also modification applications granted 6/7/2016 (Lead Call Sign T060430001/File No# 0007289841). This one-time election is binding on all AWS-4 licensees and licenses including any AWS-4 licenses issued subsequently. Use of the Lower AWS-4 Band for terrestrial downlink operations is subject to any rules that are generally applicable to AWS downlink operations except to the extent expressly waived by Memorandum Opinion and Order, DA 13-2409, in WT Docket No. 13-225. By way of reference and not limitation, see Memorandum Opinion and Order, DA 13-2409, at para. 25 for list of rules waived for downlink operations, and id. at para. 47 for list of requirements for downlink operations.

Licensee Name: GAMMA ACQUISITION L.L.C.

Call Sign: T060430161

File Number:

Print Date:

Special Condition 5 (9/11/2020): Licensee is an indirect, wholly owned subsidiary of DISH Network Corporation (DISH). This license is subject to licensee's compliance with the conditions and restrictions imposed by the Commission in MO&O, Declaratory Ruling and Order of Proposed Modification, FCC 19-103 and the commitments made by DISH in its July 26, 2019 Commitments Letter including Attachment A thereto (see, e.g., FCC 19-103 at App. H), as modified by the Commission, both of which are incorporated by reference into and made operative by Order of Modification and Extension of Time to Construct, DA 20-1072 (WTB Sept. 11, 2020). These conditions, restrictions and commitments include, but are not limited to, the following (see FCC 19-103 and DA 20-1072 for further information):

Special Condition 5a (9/11/2020): DISH is obligated to provide 5G Broadband Service over this license. DISH has waived its rights to use this license under the Commission's flexible-use policies and this license is expressly conditioned on DISH building, deploying, and offering 5G Broadband Service, which means at least 3GPP Release 15 capable of providing Enhanced Mobile Broadband (eMBB) functionality. 5G is defined as the 5G New Radio interface standard as described in 3GPP Release 15, available at <https://www.3gpp.org/release-15>, or 3GPP Release 16 within 3 years of 3GPP final approval. This condition does not preclude DISH from providing IoT as a service in addition to the 5G Broadband Service, but DISH is precluded from relying on IoT (or any other non-5G Broadband Service) operations to satisfy its buildout requirements and commitments.

Special Condition 5b (9/11/2020): Final Buildout Requirement. Licensee shall provide terrestrial 5G Broadband Service coverage and offer terrestrial 5G Broadband Service by 6/14/2023 to at least seventy (70) percent of the population in the license area in the 2000-2020 MHz and 2180-2200 MHz bands. If licensee fails to establish that it meets this Final Buildout Requirement in the license area in the 2000-2020 MHz and 2180-2200 MHz bands, its authorization for this license area shall terminate automatically without Commission action. Failure to meet this Final Buildout Requirement in an EA shall also result in the MSS protection rule in 47 CFR § 27.1136 no longer applying in this license area. See generally 47 CFR § 27.14(q)(2),(4)-(6).

Special Condition 5c (9/11/2020): Contingent extension: The Final Buildout Requirement in special condition 5b shall be extended to 6/14/2025 if licensee establishes that it is offering 5G Broadband Service with respect to its AWS-4 licenses in the 2000-2020 MHz and 2180-2200 MHz bands to 50% or more of the U.S. population by 6/14/2023.

Special condition 5d (9/11/2020): DISH has committed to make significant payments to the U.S. Treasury if it does not meet its deployment commitments and that commitment is a condition of the waiver/extension grant and modification of this license in DA 20-1072. These commitments include, but are not limited to, mandatory monetary payments for failure to meet deployment commitments (that are separate from the final buildout requirements), status reports, and verification metrics. If DISH fails to meet the conditions of these grants, it must make the payments required. In addition to mandatory monetary payments (and license cancellations), DISH continues to be subject to all of the Commission's other enforcement and regulatory powers for failing to meet any condition of the grants and modifications made on 9/11/2020.

Licensee Name: GAMMA ACQUISITION L.L.C.

Call Sign: T060430161

File Number:

Print Date:

Special Condition 5e (9/11/2020): Until September 11, 2026, licensee shall not (1) sell this license without the advance approval of both the FCC and the U.S. Department of Justice or (2) in any 12-month period provide in the Economic Area of this license more than 35% of the capacity of its 5G network to any of the three largest wireless facilities-based providers (alone or in combination) without prior FCC approval. Sell means (i) to transfer, assign, or dispose of this license in any manner either directly or indirectly; or (ii) to transfer control of an entity holding this license; or (iii) to enter into a lease arrangement or any other arrangement that results in the transfer of de jure or de facto control of this license.

7p Corp
Reference

Licensee Name: GAMMA ACQUISITION L.L.C.

Call Sign: T060430161

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MANIFEST WIRELESS L.L.C.

ATTN: ALISON MINEA
MANIFEST WIRELESS L.L.C.
1110 VERMONT AVENUE, NW, SUITE 750
WASHINGTON, DC 20005

Call Sign	File Number
WQJZ302	
Radio Service	
WY - 700 MHz Lower Band (Blocks A, B & E)	

FCC Registration Number (FRN): 0017173121

Grant Date 02-20-2009	Effective Date 09-11-2020	Expiration Date 06-14-2023	Print Date
Market Number BEA161	Channel Block E	Sub-Market Designator 0	
Market Name San Diego, CA			
1st Build-out Date 03-07-2017	2nd Build-out Date 06-14-2023	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).

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: MANIFEST WIRELESS L.L.C.

Call Sign: WQJZ302

File Number:

Print Date:

Special Condition 1 (9/11/2020): Licensee is an indirect, wholly owned subsidiary of DISH Network Corporation (DISH). This license is subject to licensee's compliance with the conditions and restrictions imposed by the Commission in MO&O, Declaratory Ruling and Order of Proposed Modification, FCC 19-103 and the commitments made by DISH in its July 26, 2019 Commitments Letter including Attachment A thereto (see, e.g., FCC 19-103 at App. H), as modified by the Commission, both of which are incorporated by reference into and made operative by Order of Modification and Extension of Time to Construct, DA 20-1072 (WTB Sept. 11, 2020). These conditions, restrictions and commitments include, but are not limited to, the following (see FCC 19-103 and DA 20-1072 for further information):

Special Condition 1a (9/11/2020): DISH is obligated to provide 5G Broadband Service over this license. DISH has waived its rights to use this license under the Commission's flexible-use policies and this license is expressly conditioned on DISH building, deploying, and offering 5G Broadband Service, which means at least 3GPP Release 15 capable of providing Enhanced Mobile Broadband (eMBB) functionality. 5G is defined as the 5G New Radio interface standard as described in 3GPP Release 15, available at <https://www.3gpp.org/release-15>, or 3GPP Release 16 within 3 years of 3GPP final approval. This condition does not preclude DISH from providing IoT as a service in addition to the 5G Broadband Service, but DISH is precluded from relying on IoT (or any other non-5G Broadband Service) operations to satisfy its buildout requirements and commitments.

Special Condition 1b (9/11/2020): Final Buildout Requirement. Licensee shall provide 5G Broadband Service coverage and offer 5G Broadband Service by 6/14/2023 to at least seventy (70) percent of the population in the license area of this license. If licensee fails to establish that it meets this Final Buildout Requirement in the license area of this license, its authorization for unserved areas shall terminate automatically without Commission action. See Public Notice, DA 19-77 (licensee keeps the areas of the license that it serves and the remaining unserved areas are returned to FCC's inventory for relicensing).

Special Condition 1c (9/11/2020): Contingent extension: The Final Buildout Requirement in Special Condition 1b shall be extended to 6/14/2025 if licensee establishes that it is offering 5G Broadband Service with respect to its Lower 700 MHz E Block licenses to 50% or more of the U.S. population covered by DISH's Lower 700 MHz E Block licenses by 6/14/2023.

Special Condition 1d (9/11/2020): DISH has committed to make significant payments to the U.S. Treasury if it does not meet its deployment commitments and that commitment is a condition of the waiver/extension grant and modification of this license in DA 20-1072. These commitments include, but are not limited to, mandatory monetary payments for failure to meet deployment commitments (that are separate from the final buildout requirements), status reports, and verification metrics. If DISH fails to meet the conditions of these grants, it must make the payments required. In addition to mandatory monetary payments (and automatic license terminations), DISH continues to be subject to all of the Commission's other enforcement and regulatory powers for failing to meet any condition of the grants and modifications made on 9/11/2020.

Licensee Name: MANIFEST WIRELESS L.L.C.

Call Sign: WQJZ302

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Official
Copy



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: AMERICAN H BLOCK WIRELESS L.L.C.

ATTN: OFFICE GEN. COUNSEL, LEGAL DEPT.
AMERICAN H BLOCK WIRELESS L.L.C.
PO BOX 6663
ENGLEWOOD, CO 80155-6663

Call Sign	File Number
WQTX360	
Radio Service	
AH - AWS-H Block (at 1915-1920 MHz and 1995-2000 MHz)	

FCC Registration Number (FRN): 0023125057

Grant Date 04-29-2014	Effective Date 09-11-2020	Expiration Date 06-14-2023	Print Date
Market Number BEA161	Channel Block H	Sub-Market Designator 0	
Market Name San Diego, CA			
1st Build-out Date 04-29-2018	2nd Build-out Date 06-14-2023	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Special Condition 1 (9/11/2020): Licensee is an indirect, wholly owned subsidiary of DISH Network Corporation (DISH). This license is subject to licensee's compliance with the conditions and restrictions imposed by the Commission in MO&O, Declaratory Ruling and Order of Proposed Modification, FCC 19-103 and the commitments made by DISH in its July 26, 2019 Commitments Letter including Attachment A thereto (see, e.g., FCC 19-103 at App. H), as modified by the Commission, both of which are incorporated by reference into and made operative by Order of Modification and Extension of Time to Construct, DA 20-1072 (WTB Sept. 11, 2020). These conditions, restrictions and commitments include, but are not limited to, the following (see FCC 19-103 and DA 20-1072 for further information):

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: AMERICAN H BLOCK WIRELESS L.L.C.

Call Sign: WQTX360

File Number:

Print Date:

Special Condition 1a (9/11/2020): DISH is obligated to provide 5G Broadband Service over this license. DISH has waived its rights to use this license under the Commission's flexible-use policies and this license is expressly conditioned on DISH building, deploying, and offering 5G Broadband Service, which means at least 3GPP Release 15 capable of providing Enhanced Mobile Broadband (eMBB) functionality. 5G is defined as the 5G New Radio interface standard as described in 3GPP Release 15, available at <https://www.3gpp.org/release-15>, or 3GPP Release 16 within 3 years of 3GPP final approval. This condition does not preclude DISH from providing IoT as a service in addition to the 5G Broadband Service, but DISH is precluded from relying on IoT (or any other non-5G Broadband Service) operations to satisfy its buildout requirements and commitments.

Special Condition 1b (9/11/2020): Final Buildout Requirement. With respect to this H Block license, licensee shall provide 5G Broadband Service coverage and offer 5G Broadband Service by 6/14/2023 to at least seventy (75) percent of the population in the license area. If licensee fails to establish that it meets this Final Buildout Requirement with respect to this H Block license, this authorization shall terminate automatically without Commission action. See § 27.14(r)(3).

Special Condition 1c (9/11/2020): Contingent extension. The Final Buildout Requirement in special condition 1b shall be extended to 6/14/2025 if licensee establishes that it is offering 5G Broadband Service with respect to its AWS H Block licenses to 50% or more of the U.S. population by 6/14/2023.

Special Condition 1d (9/11/2020): DISH has committed to make significant payments to the U.S. Treasury if it does not meet its deployment commitments and that commitment is a condition of the waiver/extension grant and modification of this license in DA 20-1072. These commitments include, but are not limited to, mandatory monetary payments for failure to meet deployment commitments (that are separate from the final buildout requirements), status reports, and verification metrics. If DISH fails to meet the conditions of these grants, it must make the payments required. In addition to mandatory monetary payments (and license cancellations), DISH continues to be subject to all of the Commission's other enforcement and regulatory powers for failing to meet any condition of the grants and modifications made on 9/11/2020.

Licensee Name: AMERICAN H BLOCK WIRELESS L.L.C.

Call Sign: WQTX360

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: PARKERB.COM WIRELESS L.L.C.

ATTN: JEFFREY BEUM
PARKERB.COM WIRELESS L.L.C.
PO BOX 6663
ENGELWOOD, CO 80155

Call Sign WQZM417	File Number
Radio Service WT - 600 MHz Band	

FCC Registration Number (FRN): 0025268459

Grant Date 06-14-2017	Effective Date 09-11-2020	Expiration Date 06-14-2029	Print Date
Market Number PEA018	Channel Block F	Sub-Market Designator 0	
Market Name San Diego, CA			
1st Build-out Date	2nd Build-out Date 06-14-2025	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Special Condition 1 (9/11/2020): Licensee is an indirect, wholly owned subsidiary of DISH Network Corporation (DISH). This license is subject to licensee's compliance with the conditions and restrictions imposed by the Commission in MO&O, Declaratory Ruling and Order of Proposed Modification, FCC 19-103 and the commitments made by DISH in its July 26, 2019 Commitments Letter including Attachment A thereto (see, e.g., FCC 19-103 at App. H), as modified by the Commission, both of which are incorporated by reference into and made operative by Order of Modification and Extension of Time to Construct, DA 20-1072 (WTB Sept. 11, 2020). These conditions, restrictions and commitments include, but are not limited to, the following (see FCC 19-103 and DA 20-1072 for further information):

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: PARKERB.COM WIRELESS L.L.C.

Call Sign: WQZM417

File Number:

Print Date:

Special Condition 1a (9/11/2020): DISH is obligated to provide 5G Broadband Service over this license. DISH has waived its rights to use this license under the Commission's flexible-use policies and this license is expressly conditioned on DISH building, deploying, and offering 5G Broadband Service, which means at least 3GPP Release 15 capable of providing Enhanced Mobile Broadband (eMBB) functionality. 5G is defined as the 5G New Radio interface standard as described in 3GPP Release 15, available at <https://www.3gpp.org/release-15>, or 3GPP Release 16 within 3 years of 3GPP final approval. This condition does not preclude DISH from providing IoT as a service in addition to the 5G Broadband Service, but DISH is precluded from relying on IoT (or any other non-5G Broadband Service) operations to satisfy its buildout requirements and commitments.

Special Condition 1b (9/11/2020): Final Buildout Requirement. With respect to this 600 MHz Band license, licensee shall provide 5G Broadband Service coverage and offer 5G Broadband Service by 6/14/2025 to at least seventy (75) percent of the population in the license area. If licensee fails to establish that it meets this Final Buildout Requirement with respect to this 600 MHz Band license, this authorization shall terminate automatically without Commission action. See § 27.14(t)(4).

Special Condition 1c (9/11/2020): DISH has committed to make significant payments to the U.S. Treasury if it does not meet its deployment commitments and that commitment is a condition of the waiver/extension grant and modification of this license in DA 20-1072. These commitments include, but are not limited to, mandatory monetary payments for failure to meet deployment commitments (that are separate from the final buildout requirements), status reports, and verification metrics. If DISH fails to meet the conditions of these grants, it must make the payments required. In addition to mandatory monetary payments (and license cancellations), DISH continues to be subject to all of the Commission's other enforcement and regulatory powers for failing to meet any condition of the grants and modifications made on 9/11/2020.

Special Condition 1d (9/11/2020): Until September 11, 2026, licensee shall not (1) sell this license without the advance approval of both the FCC and the U.S. Department of Justice or (2) in any 12-month period provide in the Partial Economic Area of this license more than 35% of the capacity of its 5G network to any of the three largest wireless facilities-based providers (alone or in combination) without prior FCC approval. Sell means (i) to transfer, assign, or dispose of this license in any manner either directly or indirectly; or (ii) to transfer control of an entity holding this license; or (iii) to enter into a lease arrangement or any other arrangement that results in the transfer of de jure or de facto control of this license.

2010/10/14

Licensee Name: PARKERB.COM WIRELESS L.L.C.

Call Sign: WQZM417

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Official
Copy

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: PARKERB.COM WIRELESS L.L.C.

ATTN: JEFFREY BLUM
PARKERB.COM WIRELESS L.L.C.
PO BOX 6663
ENGELWOOD, CO 80155

Call Sign WQZM418	File Number
Radio Service WT - 600 MHz Band	

FCC Registration Number (FRN): 0025268459

Grant Date 06-14-2017	Effective Date 09-11-2020	Expiration Date 06-14-2029	Print Date
Market Number PEA018	Channel Block G	Sub-Market Designator 0	
Market Name San Diego, CA			
1st Build-out Date	2nd Build-out Date 06-14-2025	3rd Build-out Date	4th Build-out Date

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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: PARKERB.COM WIRELESS L.L.C.

Call Sign: WQZM418

File Number:

Print Date:

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Licensee Name: PARKERB.COM WIRELESS L.L.C.

Call Sign: WQZM418

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Reference Copy

CITY OF SAN DIEGO

LESSEE'S AND SUBLESSEE'S QUESTIONNAIRE FOR ALL LEASES, ASSIGNMENTS AND SUBLEASES

Pursuant to the City of San Diego City Charter Section 225: "Mandatory Disclosure of Business Interests," before the City will process requests to (Sub)Lease, all information requested in this Questionnaire must be completed by the proposed (Sub)Lessee. Even though a proposed Sublessee may complete the Questionnaire, the Questionnaire must be delivered or mailed to the City with a cover letter signed by the City Lessee or proposed Lessee. **THE CITY WILL NOT ACCEPT THE QUESTIONNAIRE, DOCUMENTS, OR OTHER INFORMATION DIRECTLY FROM A SUBLESSEE.**

All information furnished in this Questionnaire must be complete and accurate. Omissions, inaccuracies, or misstatements may cause the rejection and/or subsequent revocation of the City's Lease, consent to Sublease, or consent to Assignment of (Sub)Lease.

In submitting this Questionnaire, the proposed (Sub) Lessee completing the Questionnaire authorizes the City to make any inquiry or investigation it believes necessary to substantiate or supplement the information furnished in the Questionnaire and authorizes others to release such information to the City.

Exact name of existing Lessee (always complete):

CHSP TRS MISSION BAY LLC, a Delaware limited liability company

Exact name of proposed Lessee (complete only if applicable):

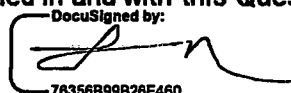
Exact name of existing Sublessee (complete only if applicable):

Exact name of proposed Sublessee (complete only if applicable):

DISH WIRELESS L.L.C., a Colorado limited liability company

Date this Questionnaire completed: 10/26/2023

The information furnished in and with this Questionnaire is true, complete, and correct to the best of my knowledge.

DocuSigned by:

76356B99826E460...

Signature:

Title:

Site Acquisition Project Manager II

Thank you for taking the time to complete the Questionnaire. Lessees may contact Real Estate Assets if they have any questions. Please return the completed Questionnaire, with any additional information or documents to:

REAL ESTATE ASSETS DEPARTMENT
1200 THIRD AVENUE STE. 1700
SAN DIEGO, CA 92101
TEL.: (619) 236-6020 FAX: (619) 236-6706

This Questionnaire contains 15 pages.

PROPOSED (SUB)LESSEE

1. Name of proposed (Sub)Lessee exactly as it will appear on the actual tenancy document:

DISH WIRELESS L.L.C., a Colorado limited liability company

2. Mailing Address of proposed (Sub)Lessee for purposes of notice or other communication relating to the proposed tenancy:

5701 S. Santa Fe Dr., Attn: Landlord Relations, Littleton, CO 80120

Telephone No.: (844)924-4186 Fax. No.: _____
E-mail Address: landlordrelations@DISH.com

3. Billing Address (*only if different from Mailing Address*):

Telephone No.: _____ Fax. No.: _____

4. Proposed (Sub)Lessee intends to operate as a:

Sole Proprietorship (☐); Partnership (☐); Corporation (☐);
Limited Liability Company (☒); Other _____

Explain if necessary:

5. Effective date of assignment (complete only if applicable): _____

PARTNERSHIP STATEMENT

If proposed (Sub)Lessee is a partnership, please answer the following:

1. Date of Organization: _____

2. General Partnership ☐
 Limited Partnership ☐
 Other ☐ Explain _____

3. Statement of Partnership recorded: Yes ☐ No ☐

Date	Book	Page	County

4. Has the partnership conducted business in San Diego County?
 Yes ☐ No ☐ If so, when? _____
 If so, where? _____

5. Name, address, and partnership share of each general and limited partner. If a general partner is another partnership, a corporation, or a limited liability company (LLC), please complete separate pages 3; or 4 and 5; or 6, as appropriate for such entity (type proposed [Sub]Lessee name [from page 2] on the top of each page for identification purposes). If a limited partner holding a 10% or greater interest is another partnership, a corporation, or an LLC, pages 3; or 4 and 5; or 6 must also be completed for such entity (type proposed [Sub]Lessee name [from page 2] on the top of each page).

General/Limited	Name	Address	Share %

6. Attach a complete copy of the Partnership Agreement. If a Partnership Agreement has been previously submitted, a new Partnership Agreement need be submitted only if the Partnership Agreement on file with the City is no longer current.

CORPORATION STATEMENT

If proposed (Sub)Lessee is a corporation, please answer the following:

1. Type of corporation: C ☐ Subchapter S ☐
2. When incorporated? _____
3. Where incorporated? _____
4. Is the corporation authorized to do business in California? Yes ☐ No ☐
If so, as of what date? _____
5. The corporation is held:
 - a. Publicly ☐ Privately ☐
 - b. If publicly held, how and where is the stock traded?

- | | | | |
|-------------------------------------|-------------------|---------------|--------------------|
| 6. Please list the following: | <u>Authorized</u> | <u>Issued</u> | <u>Outstanding</u> |
| a. Number of voting shares: | _____ | _____ | _____ |
| b. Number of nonvoting shares: | _____ | _____ | _____ |
| c. Number of shareholders: | | | _____ |
| d. Value per share of Common Stock: | | Par | \$ _____ |
| | | Book | \$ _____ |
| | | Market | \$ _____ |

7. Please furnish the name, title, address, and the number of voting and nonvoting shares of stock owned by each officer and, in addition, the same information for each stockholder owning more than 10% of any class of stock.

Name:	_____
Title:	_____
Address:	_____

No. of Shares:	_____

Name:	_____
Title:	_____
Address:	_____

No. of Shares:	_____
Name:	_____
Title:	_____
Address:	_____

No. of Shares:	_____
Name:	_____
Title:	_____
Address:	_____

No. of Shares:	_____
Name:	_____
Title:	_____
Address:	_____

No. of Shares:	_____

(Additional page(s) may be added if needed to complete list of stockholders [type proposed (Sub)Lessee name (from page 2) on the top of each page].)

8. Attach complete copies of the Articles of Incorporation (and any Certificate(s) of Amendment there to, as the case may be) of the Corporation, and the Bylaw s of the Corporation (and any Amended and Restated Bylaw s, as the case may be), and any other applicable Corporate documents.

Any partnership, corporation, or LLC owning more than a 10% ownership interest must also complete separate pages 3; or 4 and 5; or 6, as appropriate f or each entity (type proposed [Sub]Lessee name [from page 2] on the t op of each page f or identification purposes). Also, furnish the financial data f or such partnership, corporation, or LLC, as required on page 7. If there is an ownership chain of additional partnerships, corporations, or LLCs, the above requirements extend to each such entity having either: (1) a 10% or greater direct, indirect , beneficial ownership, or membership interest in the proposed (Sub)Lessee; or (2) effective control of the proposed (Sub)Lessee, regardless of the percentage of ownership or membership interest.

LIMITED LIABILITY COMPANY STATEMENT

If the proposed (Sub)Lessee is an LLC, please answer the following:

1. Date of Organization: 10/27/2016
2. Where Organized: Colorado
3. Is the Company authorized to do business in California?
 - a. Yes (☒) No (☐)
 - b. If so, as of what date? 01/24/2019
4. Has the Company conducted business in San Diego County?
 - a. Yes (☒) No (☐)
 - b. If so, when? 2022-present
 - c. If so, where? DISH Wireless L.L.C. has deployed dozens of telecommunications sites in the County
5. Please furnish the name, address, and membership share held by each manager and officer, and each member owning more than a 10% membership interest. If a member is a partnership, corporation, or another LLC, please complete separate pages 3; or 4 and 5; or 6, as appropriate for such entity (type proposed [Sub]Lessee name [from page 2] on the top of each page).

Manager/Officer/ Member	Name	Address	Share %
Member	DISH Wireless Holding L.L.C	9601 S. Meridian Blvd., Englewood, CO 80112	100%

6. Attach a complete copy of the Operating Agreement. If an Operating Agreement has been previously submitted, a new Operating Agreement need be submitted only if the Operating Agreement on file with the City is no longer current.

FINANCIAL AND OTHER BACKGROUND INFORMATION

FINANCIAL STATEMENT

(Sub)Lessee, general partners of (Sub)Lessee, owner-corporations of (Sub)Lessee, members of (Sub)Lessee owning more than a 10% membership interest, and any person or business entity guaranteeing the performance of (Sub)Lessee must attach a complete report, prepared in accordance with good accounting practice, reflecting current financial condition. The report must include a balance sheet and annual income statement. The person or entity covered by the report must be prepared to substantiate all information provided.

OTHER INFORMATION

Each (Sub)Lessee, each general partner of (Sub)Lessee, each owner-corporation of (Sub)Lessee, each member of (Sub)Lessee owning more than a 10% membership interest, any person or business entity guaranteeing the performance of (Sub)Lessee, any person or entity owning more than a 10% interest of (Sub)Lessee, and any guarantor of (Sub)Lessee must answer the following questions:

1. **Surety Information** - Has a surety or bonding company ever been required to perform on the default of any of the individuals or entities?
 - a. Yes (☐) No (☒)
 - b. If yes, please attach a statement naming the surety or bonding company, date, amount of bond, and the circumstances surrounding said default and performance.
2. **Bankruptcy Information** - Have any of the individuals or entities ever been adjudicated bankrupt or are any presently a debtor in a pending bankruptcy action?
 - a. Yes (☐) No (☒)
 - b. If yes, please give dates, court jurisdiction, and amount of liabilities and assets.
3. **Pending Litigation** - Are any of the individuals or entities presently a party to ANY pending litigation?
 - a. Yes (☐) No (☒)
 - b. If yes, please provide detailed information for each action.
4. **Claims, Liens, or Judgments** - Are any of the individuals or entities now subject to any outstanding claims, liens, or judgments?
 - a. Yes (☐) No (☒)
 - b. If yes, please provide detailed information for each claim, lien, or judgment.

REFERENCES FOR PROPOSED (SUB)LESSEE

Please list four persons or firms with whom you have conducted business transactions during the past three years. Two of the references must have knowledge of your debt payment history, with at least one being a financial institution. Two of the references must have knowledge of your business experience.

REFERENCE NO. 1

Name: _____

Firm: _____

Title: _____

Address: _____

Telephone: _____

Nature and magnitude of purchase, sale, loan, business, association, etc.:

REFERENCE NO. 2

Name: _____

Firm: _____

Title: _____

Address: _____

Telephone: _____

Nature and magnitude of purchase, sale, loan, business, association, etc.:

REFERENCE NO. 3

Name: _____

Firm: _____

Title: _____

Address: _____

Telephone: _____

Nature and magnitude of purchase, sale, loan, business, association, etc.:

REFERENCE NO. 4

Name: _____

Firm: _____

Title: _____

Address: _____

Telephone: _____

Nature and magnitude of purchase, sale, loan, business, association, etc.:

CITY OF SAN DIEGO PERSONAL DESCRIPTION AND RELEASE

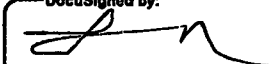
PLEASE NOTE: All partners, both general and limited; all stockholders owning more than 10% of any class of stock of corporations; all members of a limited liability company; and sole proprietors requesting to (sub)lease, must each complete this page before the tenancy request can be processed. (You may reproduce and use copies of this page, if necessary.)

The following personal information is required to initiate a credit investigation. The business and personal reputation of principals, partners, and members will be considered in qualifying Lessees or in consenting to Sublessees.

First, Middle, & Last Name	<u>DISH Wireless Holding L.L.C.</u>
Date of Birth	<u>08/19/2013</u>
Place of Birth	<u>Colorado</u>
Social Security Number	<u>N/A</u>
Driver's License Number/State	<u>N/A</u>
Home Address	<u>N/A</u>
Previous Address	<u>N/A</u>
Home Telephone No.	<u>N/A</u>
Employer	<u>N/A</u>
Occupation	<u>Wireless Telecommunications</u>
Business Address	<u>9601 S. Meridian Blvd., Englewood, CO 80112</u>
Business Telephone No.	<u>(303)723-1999</u>
Business Fax No.	<u></u>

The City is hereby authorized to request a credit report and other information covering my financial and business history.

Date 10/26/2023 Signed _____

DocuSigned by:

76356B99B28E460...

Print or type exact name of proposed (Sub)Lessee from page 2 of Questionnaire:

DISH WIRELESS L.L.C., a Colorado limited liability company

METHOD OF OPERATION

**Please describe your proposed business operation on the property to be (Sub)Leased.
Discuss any optional services and uses which you propose to provide.**

Dish Wireless communications facility (cell site), antenna base station providing mobile/wireless/cellular phone service as part of Dish Wireless's network of antenna base stations.

**PROPOSED METHOD OF FINANCING
DEVELOPMENT OR LEASEHOLD PURCHASE**

Describe the method of financing for the Leasehold purchase or any new or additional development on the Leasehold. Include a schedule of approximate dates when construction of each significant improvement is expected to be commenced and completed.

Planned construction start date: 2/20/2024

Planned construction complete date: 3/30/2024

ESTIMATE OF GROSS RECEIPTS

If this Questionnaire is being completed by a prospective Lessee, please show the best estimate of the average annual gross sales for each significant use or service, and for each significant optional use or service which the Lessee and its Sublessees (if any) plan to conduct on or from the property. (If the Questionnaire is being completed by a Sublessee, only the estimate of the Sublessee's gross sales is required.) This data will be used by the City to analyze the proposed Lease or Sublease Consent application. The time periods shown should not be assumed to necessarily represent the term of a (Sub)Lease that may be granted or consented to by the City.

Average annual gross sales for each proposed significant use during each of the first five operating years:

Year of Operation	Uses (Identify Each Use)				
1	\$	\$	\$	\$	\$
2					
3					
4					
5					

EXPERIENCE STATEMENT

Please describe in detail the duration and extent of your business experience, with special emphasis upon experience with the type of business which you propose to conduct on City property. Also state in detail the pertinent experience of the persons who will be directly involved in development and management of the business.

Dish Wireless LLC is a subsidiary of Dish Network. Dish Network has been in operation since 1995.

**TERMS AND CONDITIONS OF PURCHASE, SALE,
OR TRANSFER OF (SUB)LEASEHOLD INTEREST**

(NOTE: Complete this page only if the transaction involves a Lease assignment.)

Please summarize the terms and conditions of the purchase, sale, or transfer of Leasehold interest(s) which requires City consent, as specified in the Assignment- Sublease provisions of the City Lease. Please attach copies of the applicable sales agreement(s), escrow instructions, assignment agreement(s), or other documents in conjunction with the sale, purchase, or transfer of the (Sub)Leasehold interest(s).

OPERATING AGREEMENT

This Operating Agreement (this "**Agreement**") is entered into by the undersigned sole member (the "**Member**") amends and restates any and all prior operating agreements effective as of November 1, 2022.

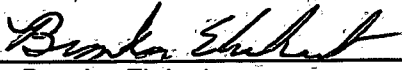
The Member having formed a limited liability company (the "**Company**") in accordance with the Colorado Limited Liability Company Act, Colo. Rev. Stat. § 7-80-101, et seq., as amended from time to time (the "**Act**") hereby agrees as follows:

1. **Name**. The Company's name is set forth on the signature page.
2. **Member**. The Member holds 100% of the membership interests.
3. **Purpose**. The Company is authorized to engage in any lawful act or activity for which a limited liability company may be formed under the Act and any and all activities necessary or incidental thereto.
4. **Member Managed**. The business and affairs of the Company shall be managed by the Member. The Member will have full power and authority to do any and all acts necessary or convenient to or for the furtherance of the purposes described herein and to approve, execute and deliver any and all agreements, certificates or any other documents for and on behalf of the Company in its full discretion.
5. **Officers**. The Member or any person that controls a Member (directly or indirectly) acting by and on behalf of the Member may, from time to time, designate one or more persons to be officers of the Company ("**Officers**"). Any officers so designated shall have such authority to perform such duties as the Member may, from time to time, delegate to them, and to the extent not so delegated or limited an Officer shall have such authority as is typically provided to an officer in a corporation organized under the Act with a similar title. Member may remove an Officer at any time, with or without cause. The Member hereby appoints the individuals set forth on the Officers Exhibit to hold the positions as Officers as set forth therein. Unless expressly set forth otherwise, the appointment by the ultimate controlling parent entity of the Company of a person to one or more of the positions set forth on the Officers Exhibit at such controlling entity (e.g. Secretary), such person will automatically be appointed to such position at the Company without the need for any additional act or writing by the Company or its Member.
6. **Banking**. The Company is authorized and directed to operate, maintain and close such bank accounts and/or brokerage accounts at one or more banks or similar institutions as designated by the Officers of the Company, from time to time, in the sole and absolute discretion of the Officers as may be deemed necessary or required for the operation of the Company's business.
7. **Limitation of Liability**. Except as otherwise required in the Act, the debts, obligations, and liabilities of the Company, whether arising in contract, tort, or otherwise, shall be solely the debts, obligations, and liabilities of the Company, and the Member shall not be obligated personally for any such debt, obligation, or liability of the Company solely by reason of being the Member or participating in the management of the Company.
8. **Indemnification**. To the fullest extent not prohibited by the Act and except as otherwise explicitly agreed, the Member (irrespective of the capacity in which it acts) and the Officers of the Company (collectively, the "**Covered Persons**") shall be entitled to indemnification and advancement of expenses from the Company for and against any loss, damage, claim, or expense (including attorneys' fees) whatsoever incurred by a Covered Person relating to or arising out of any act or omission or alleged acts or omissions (whether or not constituting negligence or gross negligence) performed or omitted by such Covered Person on behalf of the Company; provided, however, that any indemnity under this Section 8 shall be provided out of and to the extent of Company assets only, and the Member shall have no personal liability on account thereof.
9. **Governing Law**. This Agreement shall be governed by, and construed under, the laws of the State of Colorado, all rights and remedies being governed by said laws.
10. **Prior Actions**. All actions taken by the Company, its Members and Officers prior to the date hereof are hereby authorized, approved, ratified and confirmed by the Member.
11. **Signatures**. This Agreement may be signed and delivered by electronic means that complies with applicable law. Any counterpart executed and delivered in accordance with these terms will be deemed to have been duly and validly executed and delivered by such party.

Signature Page to Follow

The undersigned being the sole Member of the Company named "DISH Wireless L.L.C." and intending to be legally bound hereby has duly executed and delivered this Operating Agreement effective as of the date above first written.

Member: DISH Wireless Holding L.L.C.

By: 
Name: Brandon Ehrhart
Title: Executive Vice President, General Counsel,
Wireless and Secretary

Officers Exhibit

Officer Title:

Officer Name:

Chairman:

Charles W. Ergen

President and Chief Executive Officer:

W. Erik Carlson

President and Chief Operating Officer, Wireless:

John W. Swieringa

Executive Vice President and General Counsel:

Timothy A. Messner

Executive Vice President and Chief Financial Officer:

Paul W. Orban

Executive Vice President, General Counsel, Wireless
and Secretary:

Brandon E. Ehrhart

OPERATING AGREEMENT

This Operating Agreement (this "**Agreement**") is entered into by the undersigned sole member (the "**Member**") amends and restates any and all prior operating agreements effective as of November 1, 2022.

The Member having formed a limited liability company (the "**Company**") in accordance with the Colorado Limited Liability Company Act, Colo. Rev. Stat. § 7-80-101, et seq., as amended from time to time (the "**Act**") hereby agrees as follows:

1. **Name**. The Company's name is set forth on the signature page.
2. **Member**. The Member holds 100% of the membership interests.
3. **Purpose**. The Company is authorized to engage in any lawful act or activity for which a limited liability company may be formed under the Act and any and all activities necessary or incidental thereto.
4. **Member Managed**. The business and affairs of the Company shall be managed by the Member. The Member will have full power and authority to do any and all acts necessary or convenient to or for the furtherance of the purposes described herein and to approve, execute and deliver any and all agreements, certificates or any other documents for and on behalf of the Company in its full discretion.
5. **Officers**. The Member or any person that controls a Member (directly or indirectly) acting by and on behalf of the Member may, from time to time, designate one or more persons to be officers of the Company ("**Officers**"). Any officers so designated shall have such authority to perform such duties as the Member may, from time to time, delegate to them, and to the extent not so delegated or limited an Officer shall have such authority as is typically provided to an officer in a corporation organized under the Act with a similar title. Member may remove an Officer at any time, with or without cause. The Member hereby appoints the individuals set forth on the Officers Exhibit to hold the positions as Officers as set forth therein. Unless expressly set forth otherwise, the appointment by the ultimate controlling parent entity of the Company of a person to one or more of the positions set forth on the Officers Exhibit at such controlling entity (e.g. Secretary), such person will automatically be appointed to such position at the Company without the need for any additional act or writing by the Company or its Member.
6. **Banking**. The Company is authorized and directed to operate, maintain and close such bank accounts and/or brokerage accounts at one or more banks or similar institutions as designated by the Officers of the Company, from time to time, in the sole and absolute discretion of the Officers as may be deemed necessary or required for the operation of the Company's business.
7. **Limitation of Liability**. Except as otherwise required in the Act, the debts, obligations, and liabilities of the Company, whether arising in contract, tort, or otherwise, shall be solely the debts, obligations, and liabilities of the Company, and the Member shall not be obligated personally for any such debt, obligation, or liability of the Company solely by reason of being the Member or participating in the management of the Company.
8. **Indemnification**. To the fullest extent not prohibited by the Act and except as otherwise explicitly agreed, the Member (irrespective of the capacity in which it acts) and the Officers of the Company (collectively, the "**Covered Persons**") shall be entitled to indemnification and advancement of expenses from the Company for and against any loss, damage, claim, or expense (including attorneys' fees) whatsoever incurred by a Covered Person relating to or arising out of any act or omission or alleged acts or omissions (whether or not constituting negligence or gross negligence) performed or omitted by such Covered Person on behalf of the Company; provided, however, that any indemnity under this Section 8 shall be provided out of and to the extent of Company assets only, and the Member shall have no personal liability on account thereof.
9. **Governing Law**. This Agreement shall be governed by, and construed under, the laws of the State of Colorado, all rights and remedies being governed by said laws.
10. **Prior Actions**. All actions taken by the Company, its Members and Officers prior to the date hereof are hereby authorized, approved, ratified and confirmed by the Member.
11. **Signatures**. This Agreement may be signed and delivered by electronic means that complies with applicable law. Any counterpart executed and delivered in accordance with these terms will be deemed to have been duly and validly executed and delivered by such party.

Signature Page to Follow

The undersigned being the sole Member of the Company named "DISH Wireless Holding L.L.C." and intending to be legally bound hereby has duly executed and delivered this Operating Agreement effective as of the date above first written.

Member: DISH Network Corporation

By: 
Name: Brandon Ehrhart
Title: Executive Vice President, General Counsel,
Wireless and Secretary

Officers Exhibit

Officer Title:

Officer Name:

Chairman:

Charles W. Ergen

President and Chief Executive Officer:

W. Erik Carlson

President and Chief Operating Officer, Wireless:

John W. Swieringa

Executive Vice-President and General Counsel:

Timothy A. Messner

Executive Vice President and Chief Financial Officer:

Paul W. Orban

Executive Vice President, General Counsel, Wireless
and Secretary:

Brandon Ehrhart