

POLE LICENSE AGREEMENT

between

**CITY OF REDONDO BEACH, A CHARTERED CALIFORNIA MUNICIPAL
CORPORATION**

and

CROWN CASTLE FIBER LLC, A NEW YORK LIMITED LIABILITY COMPANY

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POLE LICENSE AGREEMENT

This POLE LICENSE AGREEMENT (“**License**”) dated June 15, 2021 (the “**Effective Date**”) is between the CITY OF REDONDO BEACH, a chartered California municipal corporation (the “**City**”) and CROWN CASTLE FIBER LLC, a New York Limited Liability Company (“**Licensee**”).

BACKGROUND

- A. Section 253 of the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56, codified as 47 U.S.C. § 253, preserves the City’s authority to control access to and use the rights-of-way within the City’s jurisdictional boundaries, and to require reasonable compensation for such use on a competitively-neutral and nondiscriminatory basis so long as such compensation is disclosed; and
- B. California Public Utilities Code §§ 7901 and 7901.1 authorizes telephone corporations to construct “telephone lines along and upon any public road or highway” within the City and “erect poles, posts, piers, or abutments for supporting the insulators, wires, and other necessary fixtures of their lines, in such manner and at such points as not to incommode the public use of the road or highway” subject to the City’s reasonable time, place and manner control; and
- C. California Public Utilities Code § 5840 authorizes franchised cable service providers use the public rights-of-way to deliver cable services as defined by federal law; and
- D. On September 27, 2018, the Federal Communications Commission adopted a Declaratory Ruling and Third Report and Order (FCC 18-133) in the rulemaking proceeding entitled *Accelerating Wireless Broadband by Removing Barriers to Infrastructure Investment*, WT Docket No. 17-79 (the “**Order**”), which interpreted various provisions in the Telecommunications Act in a manner that, *inter alia*: (1) limited the compensation that state and local governments may receive from wireless communication and infrastructure providers for access to their public rights-of-way and government-owned infrastructure; (2) significantly curtailed state and local discretionary authority over wireless facility placement and design; and (3) imposed procedural regulations that require state and local governments to negotiate agreements such as this License and approve or deny associated permit applications within 60 or 90 days; and
- E. The City generally desires to license its vertical infrastructure to wireless communication providers on negotiated terms and conditions but finds that the Order’s provisions leave the City with no incentive or time to conduct such negotiations and, as a result, the City has adopted this License as a mandatory form agreement from which no substantive changes can be made by any licensee; and
- F. Licensee desires to install and maintain wireless communications facilities on existing vertical infrastructure in the public right-of-way; and

- G.** Licensee warrants and represents to the City that Licensee has the authority under applicable Laws to install and maintain telephone and/or cable television lines within the State of California, which include wireless communications facilities, in the public right-of-way to provide wireless communications services; and
- H.** The City owns as its personal property a substantial number of existing poles within the public right-of-way that are potentially suitable for installing wireless communications facilities within the City's jurisdiction and has a duty to derive appropriate value from the City's property assets for the public good; and
- I.** Licensee desires to install, maintain and operate wireless communications facilities on the City's poles in the public right-of-way in a manner consistent with the City's regulatory authority and Licensee is willing to compensate the City for the right to use the City's poles for wireless communications purposes; and
- J.** Consistent with California state law, the City intends this License to be applicable only to a City-owned pole, and does not intend this License to require any consideration as a precondition for any telephone corporation's access to the public rights-of-way permitted under California Public Utilities Code § 7901; and
- K.** The City desires to authorize Licensee's access to an individual City-owned pole based on the terms and conditions set forth in this License, and pursuant to all the applicable permits issued by the City to protect public health and safety; and
- L.** Consistent with federal and California state law, the City does not intend this License to grant Licensee any exclusive right to use or occupy the public rights-of-way within the City's territorial and/or jurisdictional boundaries, and Licensee expressly acknowledges that the City may in its sole discretion enter into similar or identical agreements with other entities, which include without limitation Licensee's competitors; and
- M.** On September 22, 2020, the City Council of the City of Redondo Beach adopted Resolution No. CC-2009-067, which approved the form and material terms for this License to be used in connection with the licensing of Vertical Infrastructure for wireless facilities.

NOW THEREFORE, for good, valuable and sufficient consideration received and acknowledged by the City and Licensee, the City and Licensee agree as follows:

AGREEMENT

1. DEFINITIONS

"Agent" means a party's agent, employee, director, officer, contractor, subcontractor or representative in relation to this License.

“Approved Plans” means the detailed plans and equipment specifications, which include without limitation all equipment, mounts, hardware, utilities, cables, conduits, signage, concealment elements and other improvements proposed by Licensee and approved by the City for Licensee’s construction and/or installation work in connection with the License Area, as more particularly described in **Exhibit A-2** (Approved Plans) attached hereto and incorporated herein.

“Broker” means any licensed real estate broker or other person who could claim a right to a commission or “finder’s fee” in connection with the license(s) or other real estate rights contemplated or conveyed in this License.

“City Attorney” means the City Attorney of the City of Redondo Beach, California.

“City Property” means any interest in real or personal property owned or controlled by the City, which includes without limitation any and all (1) land, air and water areas; (2) license interests, leasehold interests, possessory interests, easements, franchises and other appurtenant rights or interests; (3) public rights-of-way or public utility easements; and (4) physical improvements such as buildings, structures, infrastructure, utility and other facilities, and alterations, installations, fixtures, furnishings and additions to existing real property, personal property and improvements.

“Claim” means any and all liabilities, losses, costs, claims, judgments, settlements, damages, liens, fines, penalties and expenses, whether direct or indirect.

“CPUC” means the California Public Utilities Commission established in the California Constitution, Article XII, § 5, or the CPUC’s duly appointed successor agency.

“Director” means the Director of Public Works for the City of Redondo Beach, or the Director’s designee.

“Environmental Laws” means any Law in relation or connection to industrial hygiene, environmental conditions or Hazardous Materials (as defined in this License).

“Equipment” means antennas, radios and any associated utility or equipment box, and battery backup, transmitters, receivers, amplifiers, ancillary fiber-optic cables and/or wiring, and ancillary equipment used for radio communication (voice, data or otherwise) transmission and/or reception, which includes without limitation the means, devices and apparatus used to attach or install any Equipment to any licensed Vertical Infrastructure, and any ancillary equipment such as wiring, cabling, power feeds or any similar things, and any signage attached to such Equipment that may be approved by the City or required by Law.

“FCC” means the Federal Communications Commission or its duly appointed successor agency.

“Hazardous Material” means any material that, due to its quantity, concentration or physical or chemical characteristics, is at any time now or hereafter deemed by any local, regional, state or federal body with jurisdiction and responsibility for issuing Regulatory Approvals in accordance with applicable Laws to pose a present or potential hazard to human health, welfare or safety, or to the environment. The term “Hazardous Material” as used in this License will be broadly construed, and includes, without limitation, the following: (1) any material or substance defined as a “hazardous substance”, or “pollutant” or “contaminant” in the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (codified as 42 U.S.C. §§ 9601 *et seq.*) or California Health & Safety Code § 25316; (2) any “hazardous waste” listed California Health & Safety Code § 25140; or (3) any petroleum, including crude oil or any fraction thereof, natural gas or natural gas liquids.

“Indemnified City Party” or **“Indemnified City Parties”** means the City and its Agents, Invitees, elected and appointed officials, employees, and volunteers.

“Investigate and Remediate” means the undertaking of any activities to determine the nature and extent of Hazardous Material that may be located in, on, under or about the License Area or that has been, is being, or is in danger of being Released into the environment, and to clean up, remove, contain, treat, stabilize, monitor or otherwise control such Hazardous Material.

“Invitee” means the client, customer (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers), invitee, guest, tenant, subtenant, licensee, assignee and/or sublicensee of a party in relation to the License Area.

“Laws” means all present and future statutes, ordinances, codes, orders, policies, regulations and implementing requirements and restrictions by federal, state, county and/or municipal authorities, whether foreseen or unforeseen, ordinary as well as extraordinary, as adopted or as amended at the time in question.

“License Area” means the same as that term is defined in Section 2.1 (License Area Defined).

License Fee” means the annual fee for each licensed Vertical Infrastructure authorized under this License, as specified in **Schedule 1** (Annual License Fee).

“Licensee’s Office” means Licensee’s place(s) of business located at 2000 CORPORATE DRIVE, CANONSBURG, PA 15317 that contains all the records, in physical and/or electronic form, that Licensee is required to maintain under Section 27.

“Licensee’s On-Call Representative” means the person(s) assigned by Licensee to be on-call and available to the City regarding the operation of Licensee’s Equipment. Such person(s) shall be qualified and experienced in the operation of Equipment and shall be authorized to act on behalf of Licensee in any emergency in and in day-to-day operations of the Equipment.

“NESC” means the National Electrical Safety Code, as may be amended or superseded, published by the Institute of Electrical and Electronics Engineers.

“Preliminary Plans” mean the detailed plans and equipment specifications, which include without limitation all equipment, mounts, hardware, utilities, cables, conduits, signage, concealment elements and other improvements proposed by Licensee but not yet approved by the City in connection with the License Area.

“Regulatory Approvals” means all licenses, permits and other approvals necessary for Licensee to install, operate and maintain Equipment on the License Area.

“Release” when used with respect to Hazardous Material includes any actual or imminent spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing on, under or about the License Area, other City Property or the environment.

“RF” means radio frequency or electromagnetic waves.

“Streets” mean any public right-of-way, street, alley, highway, sidewalk, curb, gutter, driveway, parkway or other public place primarily used or dedicated for vehicular transportation within the City’s territorial and/or jurisdictional boundaries and subject to the City’s management regulations. The term “Streets” does not encompass any private property, private utility easements, any public easements for pedestrian ingress and egress across private property or any other public easement not dedicated for use as a public road or highway.

“Vertical Infrastructure” means that certain pole or similar structure, subject to this License, owned or controlled by the City and located in the public rights-of-way or public utility easements and meant for, or used in whole or in part for, communications service, electric service, lighting, traffic control or similar functions.

2. LICENSE AREA

2.1. License Area Defined

The parties to this License define **“License Area”** to mean that certain space on that certain Vertical Infrastructure and other City Property, which includes without limitation any conduits, chases, risers, trays, pipes, vaults, pull boxes, and hand holes, identified on the Approved Plans as occupied by the Equipment and licensed to Licensee, all as more particularly described and depicted in **Exhibit A-1** (License Area).

2.2. Limited Rights Created

This License grants Licensee only a non-possessory, non-exclusive and revocable license to enter on to and use the License Area for the Permitted Use in accordance with

the terms and conditions in this License. Licensee expressly acknowledges and agrees that: (1) this License is not and shall not be deemed to be coupled with an interest; (2) the City retains legal possession and control over the Vertical Infrastructure for the City's municipal functions, which will be superior to Licensee's rights and interest in the Vertical Infrastructure, if any, at all times; (3) subject to the terms and conditions in this License, the City may terminate this License in whole or in part at any time; (4) except as specifically provided otherwise in this License, the City may enter into any agreement with third parties to use and/or occupy the Vertical Infrastructure and/or other City Property; and (5) this License does not create and will not be deemed to create any partnership or joint venture between the City and Licensee.

2.3. No Impediment to Municipal Functions

Except as expressly provided otherwise in this License, this License shall not limit, alter or waive the City's absolute right to use the License Area, in whole or in part, as infrastructure established and maintained for the City's and the public's benefit.

2.4. License Area Condition

Licensee expressly acknowledges and agrees to enter on to and use the License Area in its **"as-is and with all faults"** condition. The City makes no representations or warranties whatsoever, whether express or implied, as to the License Area's condition or suitability for Licensee's use. Licensee expressly acknowledges and agrees that neither the City nor its Agents have made, and the City expressly disclaims, any representations or warranties whatsoever, whether express or implied, with respect to the License Area's physical, structural or environmental condition, the License Area's present or future suitability for the Permitted Use or any other matter related to the License Area. This License shall not be deemed a warranty of title by the City.

2.5. Licensee's Due Diligence

Licensee expressly represents and warrants to the City that Licensee has conducted a reasonably diligent and independent investigation, either for itself or through an Agent selected by Licensee, into the License Area's condition and suitability for Licensee's intended use, and that Licensee relies solely on its due diligence for such determination. Licensee further expressly represents and warrants to the City that Licensee's intended use is the Permitted Use as defined in this License. Any testing performed by Licensee or its Agents shall be subject to the provisions in Section 6.6 (Damage or Alterations to Other Property). In addition to any other conditions that the City may impose on such testing, Licensee shall have the obligation to repair any damage caused by such testing and to restore all affected areas to the condition that existed immediately prior to such testing.

2.6. Diminutions in Light, Air or Signal Transmission or Reception

In the event that any existing or future structure diminishes any light, air or signal propagation, transmission or reception, whether erected by the City or not, Licensee shall not be entitled to any reduction in any License Fee, Regulatory Fees, Reimbursement Fees or any other sums payable to the City under this License, the City shall have no liability to Licensee whatsoever and such diminution will not affect this License or Licensee's obligations except as may be expressly provided in this License.

2.7. Certified Access Specialist Disclosure

Pursuant to California Civil Code § 1938, as may be amended or superseded, and to the extent applicable to this License, the City expressly advises Licensee, and Licensee expressly acknowledges, that a Certified Access Specialist (as defined in California Civil Code § 55.53) has not inspected any License Area in whole or in part to determine whether it meets all applicable construction-related accessibility requirements.

3. USE OF LICENSE AREA

3.1. Permitted Use

Licensee may use the License Area solely to construct, install, operate and maintain Equipment for transmission and reception of wireless communications signals (the **"Permitted Use"**) in compliance with all applicable Laws, which includes without limitation the Redondo Beach Municipal Code, any City regulations, guidelines or policies related to the deployment of small wireless facilities, as may be amended from time to time, and any conditions in any Regulatory Approvals, and for no other use whatsoever without the City's prior written consent, which the City may withhold in its sole and absolute discretion for any or no reason. Licensee shall obtain a City of Redondo Beach Business License before performing the Permitted Use. The failure to obtain such business license shall be a material breach of this License and, subject to applicable notice and cure periods, grounds for termination by the City.

3.2. Prohibition on Non-Small Wireless Facilities

The City intends this License to cover only wireless facilities that (a) qualify as a "small wireless facility" as that term is defined by the FCC under 47 C.F.R. § 1.6002(*l*); and (b) have been approved by the City in accordance with all applicable provisions in the Redondo Beach Municipal Code and any City regulations, guidelines or policies related to the deployment of small wireless facilities, as may be amended from time to time. Licensee expressly acknowledges and agrees that the Permitted Use under this License does not include the right to use any Vertical Infrastructure as a support structure for a "macro cell" or a traditional wireless tower or base station.

3.3. Prohibition on Nuisances

Licensee shall not use the License Area in whole or in part in any unlawful manner or for any illegal purpose. In addition, Licensee shall not use the License Area in whole or in part in any manner that constitutes a nuisance as determined by the City in its reasonable discretion. Licensee shall take all precautions to eliminate any nuisances or hazards in connection with its uses and activities on or about the License Area.

3.4. Signs and Advertisements

Licensee acknowledges and agrees that this License does not authorize Licensee to erect, post or maintain, or permit others to erect, post or maintain, any signs, notices, graphics or advertisements whatsoever on the License Area, except as may be specifically authorized under this License or as may be required for compliance with any Regulatory Approvals and applicable Laws.

4. TERM

Unless earlier terminated in accordance with this License or as may be permitted under applicable Laws, the term under this License shall commence on the Effective Date and automatically expire ten (10) years from the Effective Date. Licensee may apply for a new license within not more than 60 days before this License expires or at any time after this License's expiration or earlier termination.

5. FEES

5.1. Annual License Fee

Licensee shall pay the first annual License Fee within 60 days from the Effective Date without any prior demand, deduction, setoff or counterclaim for any reason. Thereafter, Licensee shall pay the City the License Fee, on a per site basis, on the anniversary of the Effective Date throughout the Term without any prior demand, deduction, setoff or counterclaim for any reason. The License Fee shall be (a) reasonably approximate to the City's objectively reasonable costs consistent with applicable Laws; (b) in addition to any fees charged by the City in connection with any permit applications, permit issuance fees, inspection fees, fines, penalties or other fees charged by the City in connection with the Equipment and/or any related Regulatory Approvals (collectively, "**Regulatory Fees**"); and (c) in addition to any other cost-based reimbursements owed to the City by Licensee ("**Reimbursement Fees**"). **Schedule 1** attached to this License and incorporated by this reference specifies the License Fee payable by Licensee to the City in each year throughout the Term. Unless otherwise adjusted in accordance with this License, the License Fee shall automatically increase by 3% each year on the anniversary of the Effective Date. The parties acknowledge that such 3% increase is memorialized in the License Fee table in **Schedule 1** attached to this License.

5.2. Fee Adjustments by City

At any time throughout the Term, the City shall have the option (but not the obligation) to adjust any License Fee, Regulatory Fees and Reimbursement Fees to reflect the City's reasonable costs incurred in connection with this License, any Regulatory Approvals issued or administered by the City in connection with this License or the Equipment or Licensee's acts or omissions on or about the License Area and/or the Streets. The City may exercise such option either by a resolution approved and adopted by the City Council (a "**Fee Resolution**") or by written notice to Licensee (the "**Adjustment Notice**"). If the adjustment concerns the annual License Fee, the City shall have the right to substitute a new **Schedule 1** to reflect such adjustment in either a Fee Resolution or Adjustment Notice. Any adjustment by Fee Resolution shall be effective at the same time such Fee Resolution becomes effective. Any adjustment by Adjustment Notice shall be immediately effective. Licensee shall have the right to appeal any Adjustment Notice to the City Council in the manner prescribed by the Redondo Beach Municipal Code.

5.3. Late Fees

In the event that Licensee fails to pay any License Fee or any other amount payable to the City on the date that such amounts are due and unpaid, such amounts will be subject to a late charge equal to five percent (5%) of unpaid amounts.

5.4. Default Interest

Any License Fee, Regulatory Fees, Reimbursement Fees and all other amounts payable to the City other than late charges will bear interest at ten percent (10%) per annum from the due date when not paid within 10 days after due and payable to the City. Any sums received shall be first applied towards any interest, then to the late charge and lastly to the principal amount owed. Any interest or late charge payments will not alone excuse or cure any default by Licensee.

5.5. City's Right to Cost Reimbursement

Notwithstanding anything in this License to the contrary, and subject to applicable Laws, the City shall be entitled to recover from Licensee the reasonable cost to furnish, provide and/or perform any services in connection with this License and any Regulatory Approvals issued or administered by the City, which includes without limitation any costs incurred by City staff or the City's contractors, consultants and experts to review permit applications, issue permits or supervise or inspect any construction, installation or other work in connection with this License. Payments by Licensee for any License Fee, Regulatory Fees, and Reimbursement Fees in connection with this License or any related Regulatory Approvals issued or administered by the City shall not relieve Permittee's obligation to reimburse the City for any and all actual costs incurred by the City in the future. Licensee shall reimburse the City for all such costs within 30 days after a written demand for reimbursement and reasonable documentation to support such costs. The

provisions in this Section 5.5 shall survive this License's expiration, revocation or termination.

5.6. City's Right to Fair Market License Fees Reserved

Licensee acknowledges that: (a) the City is compelled by applicable Laws, which includes without limitation the Order, to accept certain cost-based rates and compensation; (b) but for such Laws, the City would be entitled to condition its assent to any lease, license or other agreement for attachments to its Vertical Infrastructure (such as this License) on consideration that exceed the City's costs; and (c) but for such Laws, the City would not assent to all the terms and conditions in this License. Licensee further acknowledges that, in the event that the Order or other such laws described in this Section 5.6 are repealed, invalidated, no longer effective or otherwise not applicable to the City, the then-current License Fee shown in **Schedule 1** and the License Fee in all remaining years on the Term shall be automatically replaced on a prospective basis on the date the Order is repealed, invalidated, no longer effective or otherwise not applicable to the City by the amount(s) shown in **Schedule 2** (City's Estimated Fair Market License Fees), attached hereto and incorporated herein. As an illustration, and not as a limitation, if the License Fee commenced in 2019 and the Order was invalidated in 2021, then the License Fee in 2021 would increase from \$286.44 to \$1,060.90, the License Fee in 2022 would be \$1,092.73 and so on until the License expired in 2029 or was earlier terminated in accordance with its terms.

5.7. In Lieu Fee for Landscape Restoration and Maintenance

If the installation, construction or other work on or about the License Area damages or destroys any landscape features that would require the Licensee to repair, replace and/or maintain any existing or new landscape features pursuant to the Municipal Code or other applicable City policies, either party may (but shall not be obligated to) enter into a written agreement with the other to accept an in-lieu fee for the actual cost to repair, replace and/or maintain the existing and/or new landscape features on the Licensee's behalf. Such in-lieu fee(s) shall be established by the Director in consultation with the Licensee and shall be reasonably related to the actual cost of any such repair, replacement and/or maintenance necessitated by the damage or destruction caused by Licensee's installation, construction or other work.

6. CONSTRUCTION, INSTALLATION AND MODIFICATIONS

6.1. Regulatory Approvals

Licensee shall not commence any installation, construction and other work on or about the License Area until and unless Licensee first obtains all necessary prior Regulatory Approvals, which includes without limitation any approvals required to provide the services offered by Licensee either to the public or Licensee's customers within the geographic area that encompasses the City's territorial and/or jurisdictional boundaries, and any required use permits, design review permits, encroachment permits, building

permits, grading permits and electrical permits. Any installation, construction or other work performed by Licensee or its Agents or Invitees without such Regulatory Approvals will be a default under this License in addition to any other liabilities or penalties the City, in its regulatory capacity, may impose on Licensee for the same acts or omissions. The full execution of this License and Licensee's receipt of all Regulatory Approvals required to commence construction shall be Licensee's notice to proceed with installation.

6.2. Compliance with Approved Plans

Upon the City's approval of all permits required to commence construction for Licensee's construction and/or installation work on the License Area, the Approved Plans shall be substituted for the Preliminary Plans. Licensee shall perform all installation, construction and other work in connection with the License Area (1) in accordance with the terms and conditions in this License; (2) at Licensee's sole cost and expense, and at no cost to the City; (3) in strict compliance with the Approved Plans; (4) in compliance with all applicable Laws, which includes without limitation all applicable provisions in the Redondo Beach Municipal Code, any City regulations, guidelines or policies related to the deployment of small wireless facilities, as may be amended from time to time, and any conditions in any applicable Regulatory Approvals; (5) in a safe, diligent, skillful and workmanlike manner; and (6) to the Director's satisfaction. After any work at the License Area concludes, Licensee shall restore the License Area and any other City Property to the condition that existed immediately prior to the work commenced.

6.3. Changes or Corrections to Approved Plans

At all times relevant to this License, Licensee shall have the obligation to correct any errors or omissions in the Preliminary Plans (or, once approved, the Approved Plans) and related Regulatory Approval(s). Licensee shall immediately send written notice to the City in the event that Licensee discovers any such defects. The Approved Plans and/or amendments to Approved Plans by the City will not release or excuse Licensee's obligations under this Section 6.3.

6.4. Licensee's Contractors and Subcontractors

Licensee shall use only qualified and trained persons and appropriately licensed contractors for all installation, construction or other work performed on or about the License Area. At least five business days before any installation, construction or other work commences on or about the License Area, Licensee shall provide the City with: (a) a schedule with all activities to be performed in connection with the installation, construction or other work; and (b) a list with all the names, contractors' license numbers and contact information for all contractors or subcontractors who will perform the installation, construction or other work on the License Area.

6.5. Labor and Materials

Licensee shall be responsible for all direct and indirect costs (labor, materials and overhead) in connection with designing, purchasing and installing all Equipment in accordance with the Approved Plans and all applicable Laws. Licensee shall also bear all costs to obtain and maintain all Regulatory Approvals required in connection with the installation, which includes without limitation all direct and indirect costs to comply with any approval conditions or mitigation measures that arise from Licensee's proposed installation. Licensee shall timely pay for all labor, materials, Equipment and all professional services related to the Permitted Use or furnished to the License Area at Licensee's direction or for Licensee's benefit. Licensee shall keep the License Area and all other City Property free from any and all mechanics', materialmen's and other liens and claims arising out of any work performed, materials furnished or obligations incurred by or for Licensee.

6.6. Damage or Alterations to Other Property

Nothing in this License authorizes Licensee to use, occupy, remove, damage or in any manner alter any private personal or real property, wherever located, owned by the City or any third parties. Licensee shall not remove, damage or in any manner alter any private personal or real property, wherever located, owned by the City or any third parties without prior written consent from property owner. The City may withhold and/or condition its consent to any request to alter any City Property in its sole and absolute discretion.

6.7. Underground Service Alert

Licensee warrants and represents to City that Licensee is presently a member in good standing with the Underground Service Alert of Southern California ("**DigAlert**"). Licensee shall maintain and keep current its membership in DigAlert throughout the Term. Licensee shall register Licensee's underground Equipment and underground utility infrastructure associated with the License Area with the OUNC in accordance with applicable Laws. Prior to any excavation performed in the Streets, Licensee shall observe and perform all notice and other obligations required under applicable Laws, which includes, without limitation, California Government Code §§ 4216 *et seq.*, as may be amended or superseded.

6.8. Damage and Repair to Subsurface Structures

Any excavation performed in the Streets must be monitored by Licensee for any lateral movement, trench failures and other similar hazards. Licensee shall, at Licensee's sole cost and expense, repair any damage (which includes without limitation any subsidence, cracking, erosion, collapse, weakening and/or any loss or reduction in lateral or subjacent support) to the Streets, any adjacent private property, any utility lines or systems (whether overhead or underground) and any sewer and/or water lines or systems resulting from or in connection with any excavation by Licensee or its Agents. All repair or restoration work performed pursuant to this Section 6.8 shall be performed under the Director's supervision and to the Director's satisfaction.

6.9. Equipment Modifications

If, after the initial construction, installation or other work is completed, Licensee proposes to modify existing Equipment or install new equipment on the existing License Area, and such proposal is different in any material way from the specifications or design configurations shown in the Approved Plans, then Licensee shall first obtain the City's prior written consent to modify this License to reflect the material difference, which the City shall approve or deny in accordance with the City's small cell design standards and/or other applicable Laws. No modification to this License shall be required for any modification to existing Equipment that (a) involves only substituted internal components or replacements of like-kind equipment; (b) will be in compliance with applicable Laws (such as radio-frequency emission standards); (c) does not result in any change to the Equipment's external appearance, or an increase in the dimensions or weight; and (d) does not cause any interference with any municipal functions or equipment. In any case, Licensee's modification shall be performed in compliance with all applicable provisions in this License, which includes, without limitation Licensee's obligation to obtain and pay for all Regulatory Approvals required for the proposed modification.

6.10. Post-Completion Inspections

Within five days after Licensee completes any Equipment construction, installation, modification or other work, Licensee shall provide the City with a written notice that confirms the precise locations and dates on which the Licensee completed the work. The City shall have the right to inspect Licensee's Equipment at any time during and after Licensee completes any construction, installation or other work in connection with this License. If the City discovers any defects or non-compliant conditions in connection with the Equipment, Licensee shall, at Licensee's sole cost and expense, correct any such defects and conditions within 15 days after written notice from the City. Licensee shall promptly reimburse the City for all costs incurred in connection with any inspections or re-inspections by the City. The City's final inspection will occur after: (1) all surface improvements have been restored; (2) all construction debris, excess materials, traffic control devices, and equipment have been removed; and (3) the site has been cleaned and rendered safe for pedestrian and vehicular traffic by the Director. Any work performed by Licensee without an inspection is subject to rejection and removal by the City in accordance with Section 26.

6.11. As-Built Plans and Maps

Within 30 days after the City issues a certificate of completion, Licensee shall file as-built plans and maps in a format specified by the Director. In addition to any format required by the Director, all as-built plans and maps shall include digital copies in a native format compatible with the City's document management, GIS and/or other digital information management systems. Licensee's as-built plans and maps must show the accurate location and dimensions for all Equipment. The City shall have the right to reject any as-built plans or maps for cause, in which case Licensee shall file revised as-built plans and/or maps within 30 days after notice from the City. The City shall have the right to

incorporate the as-built plans for the then-current description of the License Area in **Exhibit A-1** and/or the then-current Approved Plans in **Exhibit A-2**.

6.12. Title to Licensee's Equipment and Other Improvements

Except as specifically provided otherwise in this License, all Equipment and other improvements installed, constructed or placed on or about the License Area by Licensee or its Agents or Invitees will be and remain at all times Licensee's (or to the extent Licensee deploys Equipment for use by third-party wireless carrier customers, Licensee's customer's) personal property. All structural improvements to any Vertical Infrastructure, as approved by the City and shown in the Approved Plans, will become City Property and remain City Property should Licensee vacate or abandon such License Area, unless the City elects in a written notice to Licensee that it does not wish to take title to such structural improvements. All replacement Vertical Infrastructure shall become City Property upon the City's approval and acceptance. After Licensee installs any replacement Vertical Infrastructure, the City will have the right to inspect the improvements and installation work and accept, reject and require corrections to such improvements or installation work. Licensee shall make any and all necessary corrections to any replacement Vertical Infrastructure within 60 days after a rejection by the City. Paying for the cost of the replacement Vertical Infrastructure does not provide Licensee with any ownership interest in the replacement Vertical Infrastructure, which the City shall be deemed to own. Licensee acknowledges and agrees that the City's approval of this License will be the only consideration due to Licensee in exchange for transferring title to any replacement Vertical Infrastructure to the City, and Licensee will not be entitled to any additional pecuniary or non-pecuniary consideration. Subject to Section 26 (Surrender of License Area), Licensee may remove its Equipment from the License Area at any time after 30 days' written notice to the City.

7. LICENSEE'S MAINTENANCE OBLIGATIONS

7.1. General Maintenance and Repair Requirements

Licensee shall maintain all Equipment installed on, under, over, in or about the License Area in good, safe and orderly condition at all times, and shall promptly repair any damage to any Equipment whenever repair or maintenance may be required, subject to any Regulatory Approvals if required for such maintenance work. All work performed by or for Licensee under this Section 7 shall be performed: (a) in accordance with the terms and conditions in this License; (b) at Licensee's sole cost and expense, and at no cost to the City; (c) by only qualified, trained, experienced and appropriately licensed contractors or Licensee's Agents or other personnel; (d) in a manner and with equipment and materials that will not interfere with or impair the City's municipal operations on or about the License Area; (e) in a safe, diligent, skillful and workmanlike manner; and (f) in compliance with all applicable Laws, which includes without limitation all applicable provisions in the Redondo Beach Municipal Code, any City regulations, guidelines or policies related to the deployment of small wireless facilities, as may be amended from time to time, and any conditions in any applicable Regulatory Approval(s).

7.2. Damage Reports to the City

Licensee shall promptly notify the City if Licensee discovers damage or other alteration to the Streets or any City Property on which Licensee has installed its Equipment for any reason and through any cause. Notices shall contain the following information to the extent available at the time Licensee sends the notice: (a) the location where the event occurred; (b) a statement to describe the damage or other alteration and the surrounding circumstances; (c) the names and contact information for any persons or entities involved in the matter, as well as the names and contact information for any potential witnesses to the damage or other alteration; and (d) any other pertinent information. Licensee will not be deemed to have assumed liability for any such damage or other alteration by giving such notice, unless such damage or other alteration was caused by or arose in connection with Licensee's or its Agent's or Invitee's act, omission, negligence or willful misconduct. Licensee will not be deemed to have assumed liability for any such damage or other alteration by giving such notice, but may be liable to the extent such damage or other alteration was caused by or arose in connection with Licensee's or its Agent's or Invitee's act, omission, negligence or willful misconduct.

7.3. Licensee's Obligation to Make Repairs

In the event that Licensee or its Agents or Invitees directly or indirectly caused such damage or other alterations, Licensee shall, at its sole cost and expense, repair such damage or other alteration and restore the affected property to the condition that existed immediately before the damage or other alteration occurred, reasonable wear and tear excepted. If Licensee fails or refuses to perform its obligations under this Section 7 within 20 calendar days after written notice from the City, the City may (but will not be obligated to) cause the repair and restoration to be performed at Licensee's sole cost and expense. The City may exercise its rights to perform Licensee's obligations under this Section 7 without prior notice to Licensee when the Director determines that the repair and/or restoration is immediately necessary to protect public health or safety; provided, however, that the City will use reasonable efforts to notify Licensee's On-Call Representative as soon as reasonably practicable. Licensee shall reimburse the City for all costs and expenses in connection with such work within 30 days after a written demand for reimbursement and reasonable documentation to support such costs. In addition, Licensee shall indemnify, defend and hold any and all Indemnified City Parties harmless from and against any Claims in connection with such performance by the City.

7.4. Graffiti Abatement

In addition to Licensee's other maintenance obligations under this License, Licensee shall remove any graffiti or other similar markings from the License Area and/or Equipment deployed under this License promptly upon actual notice (but in no event later than 48 hours after notice from the City).

8. REARRANGEMENT AND RELOCATION

8.1. Rearrangement and Relocation for City Work

Licensee acknowledges that the City, in its sole discretion and at any time, may: (1) change any street grade, width or location; (2) add, remove or otherwise change any improvements owned by the City or any other public agency located in, on, under or along any Street, which includes without limitation any sewers, storm drains, conduits, pipes, vaults, boxes, cabinets, poles and utility systems for gas, water, electric or telecommunications; and/or (3) perform any other work deemed necessary, useful or desirable by the City in connection with the City's municipal functions or otherwise reasonably related to a governmental interest by the City (collectively, "**City Work**"). The City reserves the rights to do any and all City Work without any admission on its part that the City would not have such rights without the express reservation in this License. In the event that the Director determines that any City Work will require the Equipment to be rearranged and/or relocated Licensee shall, at its sole cost and expense, do or cause to be done all things necessary to accomplish such rearrangement and/or relocation. If Licensee fails or refuses to either permanently or temporarily rearrange and/or relocate the Equipment within a reasonable time after the Director's notice, the City may (but will not be obligated to) cause the rearrangement or relocation to be performed at Licensee's sole cost and expense. The City will use reasonable efforts to provide Licensee with at least six months' prior notice, but the City may exercise its rights to rearrange or relocate the Equipment without prior notice to Licensee when the Director determines that the City Work is immediately necessary to protect public health or safety. Subject to applicable Laws, Licensee shall reimburse the City for all costs and expenses in connection with such work within 30 days after a written demand for reimbursement and reasonable documentation to support such costs. In addition, Licensee shall indemnify, defend and hold any and all Indemnified City Parties harmless from and against any Claims in connection with rearranging or relocating the Equipment, or turning on or off any water, oil, gas, electricity or other utility service in connection with the Equipment. Within 90 days after any Equipment have been rearranged or relocated, Licensee shall file as-built plans and maps with the Director in the same manner and subject to the same requirements as provided in Section 6.11 (As-Built Plans and Maps).

8.2. Rearrangement and Relocation to Accommodate Third Parties

Licensee shall reasonably cooperate with and promptly respond to requests to rearrange or relocate the Equipment to accommodate third parties authorized to use the Streets ("**Third-Party Accommodations**"). All costs to perform any Third-Party Accommodations shall be borne by the person or entity to be accommodated; provided, however, that Licensee shall be solely responsible to collect any costs incurred by Licensee from such third party and the City shall have no liability to Licensee for any such costs. Prior to any Third-Party Accommodations performed by Licensee, Licensee shall be permitted to require (1) either a cash deposit, bond or other surety from the person or entity to be accommodated in a commercially reasonable form and in an amount reasonably estimated by Licensee to cover the costs associated with the proposed Third-Party

Accommodations; and (2) a written agreement signed by the person or entity to be accommodated to indemnify, defend and hold Licensee and its Agents harmless from and against any and all Claims that arise in connection with the proposed Third-Party Accommodations, except to the extent any Claims are directly caused by Licensee's or its Agent's negligence or willful misconduct. Nothing in this License shall be construed to require Licensee to perform any Third-Party Accommodations that would materially reduce, impair or otherwise diminish Licensee's Equipment or Licensee's operations on the License Area. Within 90 days after any Third-Party Accommodations, Licensee shall file as-built plans and maps with the Director in the same manner and subject to the same requirements as provided in Section 6.11 (As-Built Plans and Maps).

8.3. No Right to Rearrange or Relocate City Property

Nothing in this License will be construed to require the City or authorize Licensee to change any street grade, width or location, or add, remove or otherwise change any improvements owned by the City or any other public agency located in, on, under or along the License Area or any Street, which includes without limitation any sewers, storm drains, conduits, pipes, vaults, boxes, cabinets, poles and utility systems for gas, water, electric or telecommunications, for Licensee's or any third party's convenience or necessity unless expressly authorized pursuant to this License or any Regulatory Approvals.

9. COMPLIANCE WITH LAWS

9.1. Compliance with CPUC General Orders

In addition to Licensee's obligation to maintain compliance with all other Laws, Licensee shall conduct all activities on the License Area in accordance with all applicable CPUC general orders, which includes without limitation CPUC General Order 95 and CPUC General Order 128 as those orders may be amended or superseded in the future, and all other rules, regulations and other requirements adopted or enacted by the CPUC.

9.2. Compliance with Building and Electrical Codes

In addition to Licensee's obligation to maintain compliance with all other Laws, Licensee shall conduct all activities on the License Area in accordance with the requirements in the California Building Code and the California Electric Code as adopted by the City with any legally permitted amendments.

9.3. Compliance with FCC RF Exposure Standards

Licensee's obligation to comply with all Laws includes all Laws related to maximum permissible exposure to RF emissions on or about the License Area, which includes all applicable FCC standards, whether such RF emissions or exposure results from the Equipment alone or from multiple fixed transmitters.

9.4. Compliance with Prevailing Wage Regulations

The services to be provided under the License are or may be subject to prevailing wage rate payment as set forth in California Labor Code § 1771. Accordingly, to the extent that any such services are subject to the prevailing wage rate payment requirements, Licensee shall and shall cause its Agents to comply with all applicable California Labor Code requirements pertaining to “public works,” including the payment of prevailing wages in connection with the services to be provided to the City hereunder (collectively, **“Prevailing Wage Policies”**). Licensee shall submit and allow the City to inspect, upon request by the City, Licensee’s payroll records that pertain to this License and are subject to the Prevailing Wage Policies and other relevant proof of compliance with the Prevailing Wage Policies consistent with the requirements in California Labor Code § 1776, as may be amended or superseded.

Licensee shall defend, indemnify and hold the City and Indemnified City Parties harmless from and against any and all present and future Claims, that arise from or in connection with Licensee’s obligation to comply with Prevailing Wage Policies and all Laws with respect to the installation, construction or other work in connection with this License, which includes without limitation any and all Claims that may be made by Licensee’s Agents or any other contractors, subcontractors or other third parties within the scope of this indemnity pursuant to California Labor Code §§ 1726 and 1781, as amended and added by California Senate Bill 966 (Alarcon), and as may be amended or superseded in the future.

Licensee hereby waives, releases and discharges forever the City and Indemnified City Parties from any and all present and future Claims that arise from or in connection with Licensee’s obligation to comply with Prevailing Wage Policies and all Laws with respect to the installation, construction or other work in connection with this License. Licensee hereby acknowledges that Licensee is aware of and familiar with the provisions in California Civil Code § 1542 which provides as follows:

A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.

Licensee hereby waives and relinquishes all rights and benefits which it may have under California Civil Code § 1542, as such relates to this Section 9.4. Licensee’s obligations under this Section 9.4 will survive this License’s expiration or earlier termination.

To the extent applicable, as provided in SB 854 (Stats. 2014, ch. 28): (a) no contractor or subcontractor may be qualified to bid on, be listed in a bid proposal, subject to the requirements California Public Contracts Code § 4104, or engage in the performance of any contract for public work, unless currently registered with DIR and qualified to perform

public work pursuant to California Labor Code § 1725.5 (Cal. Lab. Code § 1771.1(a)); (b) no contractor or subcontractor may be awarded a public works contract unless registered with the DIR to perform public work pursuant to California Labor Code § 1725.5 (Cal. Lab. Code § 1771.1(b)); and (c) work performed on the project is subject to compliance monitoring and enforcement by DIR (Cal. Lab. Code § 1771.4).

10. PUBLIC WORKS' OPERATIONS

10.1. City Access to License Area

Except as specifically provided otherwise in this License, the City and its Agents have the absolute right to access any License Area, in whole or in part, at any time and with or without notice for any purpose related to its municipal functions. The City will not be liable in any manner whatsoever, and Licensee expressly waives any Claims for inconvenience, disturbance, lost business, nuisance or other damages that may arise from the City's or its Agents' access to the License Area, which includes, without limitation, any Equipment removed in an emergency or other exigent circumstances pursuant to Section 10.4, except to the extent that the damage is caused directly and exclusively from the City's or its Agent's sole active negligence or willful misconduct and not contributed to by Licensee's or its Agents' or Invitees' acts, omissions or negligence.

10.2. City's Maintenance, Repairs or Alterations to License Area

The City may maintain, alter, add to, repair, remove from and/or improve the License Area as the City may, in its sole discretion, deem necessary or appropriate for its street lighting operations and other municipal functions. The City shall not be obligated to maintain or repair the License Area, in whole or in part, solely for Licensee's benefit. Neither any City work on the License Area nor any condition on any License Area will: (a) entitle Licensee to any damages except as may be expressly provided otherwise in this License; (b) excuse or reduce any obligation by Licensee to pay any License Fees, Regulatory Fees or Reimbursement Fees or perform any covenant under this License; or (c) constitute or be construed as a constructive eviction or termination from the License Area.

10.3. Notice to Licensee for Non-Emergency Maintenance or Repairs

From time-to-time, the City may find it necessary or appropriate to perform work on the License Area that temporarily affects the Equipment or requires the Equipment to be temporarily powered down. In non-emergency circumstances, the City will use reasonable efforts to: (a) make a good-faith effort to provide prior notice to Licensee's On-Call Representative; (b) allow Licensee's On-Call Representative to observe the City's work; and (c) avoid or minimize disruption to Licensee's ordinary operations on the License Area, taking into account any unforeseen exigencies that may threaten persons or property. The provisions in this Section 10.3 will not be construed to impede or delay the City's authority and ability to make changes to the License Areas necessary to maintain street light services, traffic control services, any municipal utility services (to the

extent permissible under applicable Laws) or any other municipal functions carried out for the public's health, safety, welfare or benefit.

10.4. Emergencies

In emergencies, and unless expressly provided in applicable Laws, the City's work and operations will take precedence over Licensee's operations, which includes without limitation any Equipment operated on the License Area, and the City may access the License Area in whole or in part as the City deems necessary in its sole and absolute determination and in accordance with this Section 10.4, with or without notice to Licensee. When safe and practicable, as solely determined by the City, the City will notify Licensee of any emergency or other exigent circumstances that requires the City to remove or replace any City Property within the License Area and will allow Licensee to remove its Equipment before the City removes or replaces such City Property; provided, however, that the City will remove the Equipment from the License Area when in the City's sole determination it would: (a) be unsafe or not practicable to wait for Licensee to perform (or cause to be performed) the work; (b) result in significant delay; or (c) otherwise threaten or compromise public health, safety, welfare or public services. The City will remove any Equipment with reasonable care and store such Equipment for retrieval by Licensee. The City shall provide notice to Licensee as soon as reasonably practicable after such emergency and removal of any of Licensee's Equipment. Licensee shall have the right to reinstall such removed Equipment (or equivalent replacement Equipment) at Licensee's sole expense on the License Area and in accordance with the provisions in this License and all applicable Laws. Licensee expressly acknowledges that any act(s) taken by the City pursuant to this Section 10.4, which includes without limitation any Equipment removal or storage, will not be deemed to be a forcible or unlawful entry onto the License Area or any interference with Licensee's contractual privilege to use the License Area.

10.5. Disconnect Switch

Licensee shall include in the Approved Plans a disconnect switch to be installed and maintained on the Vertical Infrastructure or other City Property that can be operated manually for the purpose of powering down Licensee's Equipment. The City shall have access to use such disconnect switch twenty four hours per day, seven days per week in the event that, as determined by the City in its sole discretion: (i) Licensee does not comply with notices from the City pursuant to Section 10.3 (Notice to Licensee for Non-Emergency Maintenance or Repairs), or; (ii) the emergency circumstances described in Section 10.4 (Emergencies) exist. Licensee shall provide the City with such information and training as may be determined necessary in the City's sole discretion for the City to operate such disconnect switch and access the License Area.

11. INTERFERENCE

Licensee may not install, maintain or operate any Equipment in a manner that interferes with or impairs other communication (radio, telephone, data, cable television and/or other transmission or reception) or computer equipment lawfully used by the City and its

Agents, which includes without limitation any first responders or other public safety personnel. Such interference will be a default by Licensee, and upon notice from the City, Licensee shall promptly eliminate such interference at no cost to the City. Licensee will be required to use its best efforts to remedy and cure such interference without any impairment to any City operations. If Licensee does not promptly cure such default, the parties acknowledge that continued interference may cause irreparable injury to the City and, therefore, the City will have the right to bring an action against Licensee to, at the City's election, immediately enjoin such interference and/or to terminate this License. The parties acknowledge that the Licensee possesses technical expertise that puts Licensee in the best position to identify and mitigate interference sources, and Licensee shall be primarily responsible for identification and mitigation work. Notwithstanding the foregoing, the City and Licensee hereby agree to comply with and enforce FCC guidelines and protocols with regard to third party interference.

12. LIENS

Licensee shall keep the License Area free and clear from any and all liens or other impositions in connection with any work performed, material furnished or obligations incurred by or for Licensee. Licensee will inform all contractors and material suppliers that provide any work, service, equipment or material to Licensee in connection with the License Area that the License Area is public property not subject to any mechanics' liens or stop notices. In the event that any Licensee contractor or material supplier files any lien or imposition that attaches to the License Area, Licensee shall promptly (but in no case later than 30 days after discovery) cause such lien or imposition to be released. In the event that Licensee does not cause such lien or imposition to be released within the 30-day period, the City will have the right, but not the obligation, to cause such lien or imposition to be released in any manner the City deems proper, which includes without limitation payment to the lienholder, with or without notice to Licensee. Licensee shall reimburse the City for all costs and expenses incurred to cause such lien or imposition to be released (which includes without limitation reasonable attorneys' fees) within 30 days after Licensee receives a written demand from the City together with reasonable documentation to support such costs and expenses.

13. UTILITIES

Licensee shall be responsible to secure its own utility services for its Permitted Use and shall not be permitted to "submeter" from any electrical service provided to the City on any License Area without the City's prior written consent, which the City may withhold in its sole and absolute discretion. Licensee shall timely pay when due all charges for all utilities furnished to its Equipment on the License Area. Any interconnection between the City's and Licensee's electrical facilities permitted by City shall be accomplished in compliance with all applicable Laws and all utility service providers' policies for such interconnection.

14. TAXES AND OTHER ASSESSMENTS

Licensee agrees to pay when due (and prior to delinquency) any and all taxes, assessments, charges, excises and exactions whatsoever, including without limitation any possessory interest taxes, that arise from or in connection with Licensee's use within the License Area or Licensee's Equipment that may be imposed on Licensee under applicable Laws. Licensee shall not allow or suffer any lien for any taxes assessments, charges, excises or exactions whatsoever to be imposed on the License Area or Licensee's Equipment. In the event that the City receives any tax or assessment notices on or in connection with the License Area or Licensee's Equipment, the City shall promptly (but in no event later than 30 calendar days after receipt) forward the same, together with reasonably sufficient written documentation that details any increases in the taxable or assessable amount attributable to Licensee's Equipment. Licensee understands and acknowledges that this License may create a possessory interest subject to taxation and that Licensee will be required to pay any such possessory interest taxes. Licensee further understands and acknowledges that any sublicense or assignment under this License and any options, extensions or renewals in connection with this License may constitute a change in ownership for taxation purposes and therefore result in a revaluation for any possessory interest created under this License.

15. INDEMNIFICATION

15.1. Licensee's Indemnification Obligations

Licensee, for itself and its successors and assigns, shall indemnify, defend and hold the Indemnified City Parties harmless from and against any and all Claims, incurred in connection with or arising in whole or in part from any act or omission by Licensee or its Agents, licensees, customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers) or invitees in connection with this License or any Equipment, whether any negligence may be attributed to any Indemnified City Parties or not, whether any liability without fault is imposed or sought to be imposed on any Indemnified City Parties or not, but except to the extent that that such Claim is caused by the City's sole negligence or willful misconduct. Licensee's obligations under this Section 15 includes, without limitation, all reasonable fees, reasonable costs and expenses for attorneys, consultants and experts, and the City's actual costs to investigate and defend against any Claim. Licensee expressly acknowledges and agrees that: (a) Licensee has an immediate and independent obligation to defend any Indemnified City Parties from any Claim that actually or potentially falls within this Section 15, even when the allegations in the Claim are or appear to be groundless, fraudulent or false; and (b) Licensee's obligations arise at the time any Indemnified City Parties tender a Claim to Licensee and continue until such Claim's final, non-appealable resolution. Licensee's obligations under this Section 15.1 shall survive this License's revocation, termination or expiration.

15.2. Licensee's Defense of the City

In the event that any Claim is brought against any Indemnified City Parties in connection with any subject matter for which any Indemnified City Parties are indemnified by Licensee under this License, Licensee shall, upon written notice and at Licensee's sole cost and expense, resist and defend against such Claim with competent and experienced legal counsel reasonably acceptable to the City. The City shall not unreasonably withhold or delay its consent to legal counsel selected by Licensee; provided, however, that the City has the absolute right to reject any proposed legal counsel that: (a) is not duly licensed to practice law in the State of California by the State Bar of California; (b) has any past or pending disciplinary actions by any United States tribunal or state bar association; or (c) has any actual or potential conflicts of interest with any Indemnified City Parties who would be represented by such proposed legal counsel. Licensee shall not, without the City's written consent, enter into any compromise or settlement agreement on any Indemnified City Parties' behalf that: (x) admits any liability, culpability or fault whatsoever on any Indemnified City Parties' part; or (y) requires any Indemnified City Party to take or refrain from any action, which includes without limitation any change in the City's policies or any monetary payments. Nothing in this License shall be construed to limit or preclude any Indemnified City Parties or their respective legal counsel from cooperating with Licensee and/or participating in any judicial, administrative, alternative dispute resolution or other litigation or proceeding. Licensee's obligations under this Section 15.2 shall survive this License's revocation, termination or expiration.

16. INSURANCE

Prior to any construction, installation or other work by Licensee or its contractors or subcontractors in, on, under or above the Streets, Licensee shall comply with all insurance requirements and other obligations contained in **Exhibit B** (Licensee's Insurance Obligations), attached hereto and incorporated herein, and shall provide the City with all required certificates, endorsements and other documentation. The City shall have the right to amend or replace the insurance requirements and other obligations contained in **Exhibit B** on 60 days' prior written notice to Licensee if the City's risk manager determines that the then-current insurance requirements are inadequate to protect the City against risks associated with the Permitted Use or as may be required to comply with applicable Laws. Any noncompliance with any insurance requirements in this License by Licensee or its contractors or subcontractors shall be a material default by Licensee.

17. LIMITATIONS ON THE CITY'S LIABILITY

17.1. General Limitations

Licensee expressly acknowledges that the City is not responsible or liable to Licensee for any Claims that arise in connection with: (a) acts or omissions by persons or entities using the Streets or other areas adjoining, adjacent to or connected with any License Area; (b) any utility service interruption; (c) theft; (d) burst, stopped or leaking water, gas, sewer, steam or other pressurized pipes; (e) fires, floods, earthquakes or other force majeure; (f) any vehicular collision on or about the License Area or other City Property; (g) any costs

or expenses incurred in connection with any relocation or rearrangement as provided in Section 8 (Rearrangement and Relocation); or (h) any costs or expenses incurred in connection with any removal or restoration as provided in this License; all except to the extent such events are caused by the City's sole active negligence or willful misconduct. Licensee, in perpetuity, expressly waives and releases all Claims it may now or in the future have against any Indemnified City Parties, whether known or unknown, whether foreseeable or unforeseeable, that arise in connection with the events described in this Section 17 as may be related to this License or locations on or about the License Area. In no event will Licensee or its Agents be personally liable to the City for any default, breach or any other nonperformance or unpaid sum by Licensee. The provisions in this Section 17.1 shall survive this License's revocation, termination or expiration.

17.2. Consequential, Indirect or Punitive Damages

Without limiting any indemnification obligation placed on Licensee or other waivers contained in this License, Licensee fully releases, waives and discharges forever any and all Claims against the City for consequential and incidental damages that may arise from or in connection with this License or Licensee's use on or about the License Area, which includes without limitation any lost profits related to any disruption to Equipment, any interference with uses or operations conducted by Licensee, from any cause whatsoever, and whether or not due to the active or passive negligence or willful misconduct by the City or any Indemnified City Parties, and covenants not to sue for such damages the City, the City's departments and all City agencies, officers, directors and employees, and all persons acting by, through or under them. In no event will Licensee be liable to the City for any consequential or incidental damages, except in the event of Licensee's negligence or willful misconduct.

17.3. No Relocation Assistance

This License shall not create any right in Licensee to receive any relocation assistance or payment for any reason under the California Relocation Assistance Law (California Government Code §§ 7260 *et seq.*), the Uniform Relocation Assistance and Real Property Acquisition Policies Act (42 U.S.C. §§ 4601 *et seq.*), as either may be amended or superseded, or any similar Laws upon or after any termination. To the extent that any such Laws may apply, Licensee waives, releases and relinquishes forever any and all Claims that it may have against the City for any compensation from the City except as provided in Section 19 (Condemnation).

17.4. No Personal Liability for City Personnel

In no event will any City board, agency, member, officer, employee or other Agent be personally liable to Licensee, its successors or assigns, for any default, breach, other nonperformance or sum unpaid sum by the City. The provisions in this Section 17.4 shall survive this License's revocation, termination or expiration.

18. CASUALTY

18.1. City's Rights Upon a Casualty Event

In the event the License Area in whole or in part becomes damaged due to any cause, the City will have no obligation whatsoever to repair or replace the damaged License Area. Within approximately 30 days after the date on which the City discovers damage or destruction to the License Area, the City will give Licensee notice of the City's decision whether to repair or replace the damaged License Area and its good-faith estimate of the amount of time the City will need to complete the work. If the City cannot complete the work within 30 days after the date that the City specifies in its notice, or if the City elects not to do the work, then Licensee will have the right to terminate this License on 30 days' notice to the City. If the City elects to remove, rather than repair or replace, the damaged or destroyed License Area, then this License will automatically terminate on the last day of the month in which the removal occurs. If the acts of third parties or an act of nature or other force-majeure circumstance outside the control of Licensee or its Agents or Invitees damages or destroys the License Area to such an extent that, in the City's reasonable determination, the Equipment on the License Area cannot be operated in a safe manner, the City may elect to terminate this License on 30 days' notice to Licensee and require Licensee to remove the Equipment from the damaged License Area before the termination date specified in the City's notice.

18.2. Licensee's Termination Rights Upon a Casualty Event

In the event that the City terminates this License pursuant to Section 18.1 (City's Rights Upon a Casualty Event), the City will use reasonable efforts to provide Licensee with a reasonably equivalent location and prioritize its review of any request by Licensee for a substantially similar license on a different pole as a replacement for this License.

18.3. Statutory Waiver

The parties understand, acknowledge and agree that this License fully governs their rights and obligations in the event that the License Area becomes damaged or destroyed, and, to the extent applicable, the City and Licensee each hereby waives and releases the provisions in California Civil Code §§ 1932(2) and 1933(4) or any similar Laws.

19. CONDEMNATION

This License will automatically terminate as to the part taken or transferred on the date the permanent taking or transfer occurs. The City will be entitled to any award paid or made in connection with the taking or any sums paid in lieu of such taking. Licensee will have no Claim against the City for the value of any unexpired Term of this License or otherwise except that Licensee may claim any portion of the award that is specifically allocable to Licensee's loss or damage to Licensee's Equipment. The parties understand, acknowledge and agree that this Section 19 is intended to fully govern the parties' rights and obligations in the event of a permanent taking. Licensee and the City each hereby

waives and releases any right to terminate this License in whole or in part under California Code of Civil Procedure §§ 1265.120 and 1265.130 and under any similar Laws to the extent applicable to this License.

20. ASSIGNMENTS AND OTHER TRANSFERS

20.1. General Restriction

Licensee shall have no right to assign or transfer any right, title or interest, in whole or in part, in, under or through this License without the City's prior written consent. The City shall not unreasonably withhold, condition, or delay its consent to any proposed assignment; provided, however, that the parties acknowledge that the City may reasonably withhold its consent to any proposed assignment under the following circumstances: (1) the proposed assignee lacks the necessary Regulatory Approvals to conduct the Permitted Use or perform all Licensee's obligations; (2) the City reasonably determines that the proposed assignee lacks the financial qualifications to perform all Licensee's obligations; (3) Licensee refuses to reimburse the City for the reasonable and documented costs to consider the proposed assignment and/or the proposed assignee; and/or (4) at any time in which any Default by Licensee remains uncured.

20.2. Permitted Assignments

Notwithstanding the preceding section, Licensee will be permitted to assign or otherwise transfer this License without the City's prior consent but with notice to the City, to: (a) an entity that acquires all or substantially all Licensee's assets in the market in which the City is located (as the "market area" is or may be defined by the FCC); (b) Licensee's parent; (c) an entity that acquires a controlling interest in Licensee by a change in stock ownership or partnership interest; or (d) an entity controlled by Licensee (each a "**Permitted Assignment**"). Notwithstanding anything in this License to the contrary, a Permitted Assignment will be subject to all the following conditions: (i) the assignee may use the License Area only for the Permitted Use and for no other purpose whatsoever; (ii) the assignee possesses all Regulatory Approvals necessary to lawfully install, operate, and maintain Equipment on the License Area; (iii) Licensee provides the City with notice 60 days before the effective date of such Permitted Assignment, stating the contact information for the proposed assignee and providing financial information establishing that the proposed assignee has the capital and fiscal qualifications greater than or equal to Licensee's as it existed on the Effective Date; (iv) Licensee is in good standing under this License; (v) the assignee shall covenant to perform all Licensee's obligations under this License and Licensee will be and remain liable jointly and severally with the assignee for all obligations to be performed by assignee; and (vi) within 30 calendar days after Licensee receives a written demand from the City, Licensee shall reimburse the City for all reasonable and documented costs incurred by the City in connection with the Permitted Assignment.

20.3. Effect of Assignment

No assignment by Licensee, consent to assignment by the City, or Permitted Assignment will relieve or release Licensee from any obligation on its part under this License, until and unless the assignee signs a written agreement in a form reasonably acceptable to the City to unconditionally assume all Licensee's obligations under this License and receives the City's prior written acknowledgement that to City's reasonable satisfaction it is financially and organizationally able to meet all such obligations. Any assignment that is not in compliance with this Section 20 will be void and be a material default by Licensee under this License without a requirement for notice and a right to cure. The City's receipt or acceptance of any License Fee, Regulatory Fees, Reimbursement Fees, or other payments from a proposed assignee or transferee will not be deemed to be the City's consent to such assignment.

21. DEFAULT

21.1. Defaults and Cure Periods

The parties agree that any failure to perform or observe any term, condition, obligation or other provision in this License shall be a default. For any monetary default, the defaulting party shall have 15 days after written notice from the non-defaulting party to perfect a cure. The City, in its sole discretion, may provide the defaulting party additional time to cure a monetary default. For any non-monetary default, the defaulting party shall have 30 days after written notice from the non-defaulting party to perfect a cure; provided, however, that for any non-monetary default that cannot reasonably be cured within 30 days, the defaulting party shall have additional time as is reasonably necessary to perfect the cure if the defaulting party commences to cure the default within the first 30 days after notice and diligently pursues the cure to completion.

21.2. Licensee's Remedies

Except as may be otherwise provided elsewhere in this License, Licensee's sole remedies for the City's uncured default will be (1) to terminate the License on 30 days' prior written notice; and (2) an action for damages subject to the provisions in Section 17 (Limitations on the City's Liability).

21.3. City's Remedies

In addition to all other legal and equitable rights and remedies available to the City, the City will have the following remedies after an uncured default by Licensee:

21.3.1. License Continuation

Without prejudice to its right to other remedies, the City may continue this License with the right to enforce all its rights and remedies, which includes without limitation the right to receive the License Fee and other sums as they may become due.

21.3.2. License Termination

If the City determines, in its sole judgment, that Licensee's default materially impairs the City's ability to perform its municipal functions or threatens public health, safety or welfare, then the City may terminate this License on written notice to Licensee.

21.3.3. Default Fees

In addition to all other rights and remedies available to the City, the City may require Licensee to pay an additional fee for any and all actual and reasonable costs incurred by the City in connection with a default event to reimburse the City's administrative cost to enforce compliance with this License (each a "**Default Fee**"). Licensee shall pay the Default Fee within 30 days after the City's written demand for reimbursement and reasonable documentation to support such costs. If Licensee fails to timely pay the Default Fee or cure the underlying default within the applicable cure period, the City shall have the right (but not the obligation) to send Licensee a follow-up notice and demand for an additional Default Fee that will be due and payable within 10 days. Licensee's obligation to pay Default Fees is separate and distinct from the underlying default. Default Fee payments shall not be deemed to cure the underlying default.

21.4. Cumulative Remedies

Except as otherwise provided in this License, all rights and remedies available to the City or Licensee are cumulative, and not a substitute for, any rights or remedies otherwise available to the City or Licensee.

22. TERMINATION

This License may be terminated, as to any individual site shown in **Exhibit A-1** and/or **Exhibit A-2** subject to this License, as follows: (1) by a non-defaulting party upon written notice if the defaulting party remains in default beyond any applicable cure period; (2) by the City upon written notice if Licensee attempts to assign or otherwise transfer this License in a manner that violates this License; or (3) by Licensee upon 60 days' prior written notice to the City for any or no reason. In addition, and subject to Section 26, the City has the right to terminate this License on written notice to Licensee when the City determines, in the City's sole discretion, that Licensee's operations on or about the License Area (i) adversely affect or threaten public health and safety, (ii) materially interfere with the City's municipal functions or (iii) require the City to maintain Vertical Infrastructure that the City no longer needs for its own purposes. In the event of termination pursuant to subsections (ii) or (iii), the City shall provide Licensee with at least 30 days' prior written notice of termination.

23. HAZARDOUS MATERIALS

23.1. Limitations on Hazardous Materials Use

Licensee covenants and agrees that neither Licensee nor its Agents, clients, customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers), invitees, guests, tenants, subtenants, licensees, assignees and/or sublicensees will cause or permit any Hazardous Material to be brought upon, kept, used, stored, generated, disposed or Released in, on, under or about the License Area or any other City Property, in whole or part, or transported to or from any City Property in any manner that violates any Environmental Laws; provided, however, that Licensee may use Hazardous Materials in small quantities that are customarily used for routine operation, cleaning and maintenance and so long as all such Hazardous Materials are contained, handled and used in compliance with all Environmental Laws.

23.2. Notice to the City After a Release

Licensee shall immediately notify the City if and when Licensee learns or has reason to believe any Hazardous Material Release has occurred in, on, under or about the License Area or other City Property. Licensee will not be deemed to have assumed liability for any such Release by giving such notice, unless such Release was caused by or arose in connection with Licensee's or its Agent's, client's, customer's, invitee's, guest's, tenant's, subtenant's, licensee's, assignee's and/or sublicensee's acts, omissions or negligence.

23.3. Licensee's Hazardous Material Indemnification Obligations

If Licensee breaches any obligations contained in this Section 23, or if any act, omission or negligence by Licensee or its Agents, clients, customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers), invitees, guests, tenants, subtenants, licensees, assignees and/or sublicensees results in any contamination on or about the License Area or other City Property, or in a Hazardous Material Release from, on, about, in or beneath the License Areas or any other City Property, in whole or in part, or any Environmental Law violation, then Licensee, for itself and its successors and assigns, shall indemnify, defend and hold the City and any Indemnified City Parties harmless, from and against any and all Claims (including damages for decrease in value of the License Area or other City Property, the loss or restriction of the use of usable space in the License Area or other City Property and sums paid in settlement of Claims, reasonable attorneys' fees, consultants' fees, and experts' fees and related costs) that arises during or after the Term related to or in connection with such Release or violation; provided, however, Licensee shall not be liable for any Claims to the extent such Release or violation was caused directly and exclusively by the City's sole active negligence or willful misconduct. Licensee's indemnification obligation includes all costs incurred in connection with any activities required to Investigate and Remediate any Hazardous Material brought or Released onto the License Area or other City Property by Licensee or its Agents, clients, customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers), invitees, guests, tenants, subtenants, licensees, assignees and/or sublicensees, and to restore the License Area or other City Property to its condition prior to such introduction or Release,

or to correct any Environmental Law violation. Licensee specifically acknowledges and agrees that it has an immediate and independent obligation to defend the City and the other Indemnified City Parties from any Claim that actually or potentially falls within this indemnity provision even if the allegations supporting the Claim are or may be groundless, fraudulent or false, and that said obligation arises at the time such Claim is tendered to Licensee by the Indemnified City Party and continues until the Claim is finally resolved. Without limiting the foregoing, if Licensee or any of its Agents, clients, customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers), invitees, guests, tenants, subtenants, licensees, assignees and/or sublicensees causes any Hazardous Material Release on, about, in or beneath the License Area or other City Property, then in any such event Licensee shall, immediately, at no expense to any Indemnified City Party, take any and all necessary actions to return the License Area and/or other City Property, as applicable, to the condition existing prior to such Hazardous Materials Release on the License Area or other City Property or otherwise abate the Release in accordance with all Environmental Laws, except to the extent such Release was caused directly or exclusively by the City's sole active negligence or willful misconduct. Licensee shall afford the City a full opportunity to participate in any discussions with regulatory agencies regarding any settlement agreement, cleanup or abatement agreement, consent decree or other compromise or proceeding that involves Hazardous Material Release covered under this Section 23.

24. RULES AND REGULATIONS

At all times throughout the Term, Licensee shall faithfully comply with any and all reasonable rules, regulations and instructions that the City may from time-to-time establish and/or amend with respect to the Permitted Use, the License Area or the Streets.

25. PERFORMANCE BOND

Before the City issues any Regulatory Approval required to commence construction, installation or other work in connection with the Equipment, Licensee shall, at its sole cost and expense, post a performance bond from a surety and in a form acceptable to the Director and the City Attorney in an amount reasonably necessary to cover the cost to remove the Equipment and all associated improvements and completely restore all affected areas based on a written estimate from a qualified contractor with experience in wireless facilities removal. The written estimate must include the cost to remove all the Equipment and all associated improvements, which includes, without limitation, all antennas, radios, batteries, generators, utilities, cabinets, mounts, brackets, hardware, cables, wires, conduits, structures, shelters, towers, poles, footings and foundations, whether above ground or below ground, constructed or installed in connection with the Equipment, plus the cost to completely restore any areas affected by the removal work to a condition that is neat, clean, safe and compliant with applicable laws. In establishing or adjusting the bond amount required under this condition, and in accordance with California Government Code § 65964(a), the Director shall take into consideration any information provided by Licensee regarding the cost to remove the Equipment as

provided in this Section 25. The performance bond shall expressly survive the Term to the extent required to completely remove the subject Equipment and restore the affected areas in accordance with this Section 25 and upon completion of such removal and restoration, Licensee may release the performance bond and the City shall cooperate with such release. The parties acknowledge that Licensee and the City may enter into one or more pole license agreements and that Licensee may elect to have one performance bond that covers multiple pole licenses in lieu of obtaining a separate performance bond for each pole license; provided that a performance bond that covers multiple pole licenses remains, at all times relevant to this License, sufficient to meet the removal and restoration conditions in this Section 25 for each separate wireless facility.

26. SURRENDER OF LICENSE AREA

Within 30 days after expiration or early termination of this License, Licensee shall, at Licensee's sole cost and expense, remove all Equipment and restore all affected areas to a condition compliant with all applicable Laws, in at least as good as the condition existed immediately before such Equipment were installed, reasonable wear and tear excepted, and to the Director's satisfaction. The City may, in its discretion, extend the 30-day period by written notice to Licensee. In addition to the foregoing, in the event that the License involved replacement Vertical Infrastructure, Licensee shall, at the City's sole discretion, modify or replace the Vertical Infrastructure to meet the City's standards and specifications. The City's acceptance of any replacement Vertical Infrastructure shall be in accordance with Section 6.4 (Replacement Vertical Infrastructure). If Licensee fails to timely perform its removal and restoration obligations under this License, then: (a) Licensee shall remain responsible for all its obligations under this License and liable for all Claims that may arise in connection with the Equipment through and until such Equipment are completely removed and the affected areas are completely restored; (b) the City shall have the right (but not the obligation) to perform such obligations; (c) the City shall have the right to store, sell or destroy any Equipment, improvements, personal property or other things installed by Licensee in connection with this License; and (d) Licensee shall reimburse the City for all costs incurred by the City in connection with such removal and restoration work within 30 days after a written demand for reimbursement and reasonable documentation to support such costs. Within 90 days after any Equipment have been removed, Licensee shall file as-built plans and maps with the Director in the same manner and subject to the same requirements as provided in Section 6.11 (As-Built Plans and Maps).

27. INSPECTIONS AND REPORTS

27.1. License Area Inspections

At all reasonable times throughout the Term, the Director, shall have the right (but not the obligation) to: (a) inspect all the Equipment, all appurtenant structures and any other equipment or improvements in the Streets constructed, installed, laid, maintained or operated by Licensee; and (b) evaluate Licensee's compliance with this License and any permit or other authorization in connection with the Equipment. In the event that any such

inspection or evaluation concludes that any Equipment were installed, operated or maintained without all Regulatory Approvals or the Equipment were not installed, operated or maintained in substantial compliance with this License, including any modifications performed pursuant to Section 6.9, any as-built plans or maps associated with the Equipment or any applicable Laws, then Licensee shall reimburse the City for the City's reasonable, actual and documented costs and expenses to conduct the inspection and/or evaluation, which includes without limitation any costs or expenses by any third-party inspectors or consultants.

27.2. Records Maintenance and Audits

Licensee shall maintain throughout the Term (and for at least four years after this License expires or terminates) the following records in physical format at Licensee's Office and in an electronic format: (a) identification information and physical location (e.g., a physical address and/or GPS coordinates) for all Equipment within the City's territorial and/or jurisdictional boundaries; (b) a ledger or other similar document that contains the amount, payment date and reason for all sums paid to the City pursuant to this License; (c) true and correct copies of all as-built plans, maps and Regulatory Approvals in connection with the Equipment; (d) proof of insurance and other related documents required to be carried and maintained under Section 16 (Insurance); and (e) all correspondence with the City in connection with any matter related to this License. To determine whether Licensee has fully and accurately paid all sums payable to the City under this License, if any, and to determine whether Licensee has complied with its other obligations, the City, or its designee, will have the right (but not the obligation) to inspect, audit and make copies of Licensee's records pertaining to this License at Licensee's Office during regular business hours on 10 days' notice to Licensee and/or Licensee shall provide City, or its designee, electronic copies of documentation reasonably required by City to confirm Licensee's compliance hereunder.

27.3. Annual Capital Improvement Forecasts

Upon at least 60 days' prior written notice from the City, Licensee shall submit a written report to the Director that contains: (a) a list of all permits issued by the City in connection with this License in the last calendar year; (b) a description of all construction authorized under such permits, which includes without limitation the total length of all communication lines, wires and cables; (c) the total length of all communication lines, wires and cables actually installed under such permits; and (d) a map that depicts the accurate location for all Equipment. Upon at least 60 days' prior written notice from the City, Licensee shall submit a projected capital improvement forecast for its operations within the City's territorial and jurisdictional boundaries. The capital improvement forecast must include anticipated schedules for all new Equipment and repairs, replacements and modifications to existing Equipment to the extent feasible and with sufficient detail to allow the City to coordinate its own public improvements and other capital improvement projects by third parties.

28. MISCELLANEOUS PROVISIONS

28.1. Notices

Except as may be specifically provided otherwise in this License, all notices, demands or other correspondence required to be given in connection with or pursuant to this License must be written and delivered through (i) an established national courier service that maintains delivery records and confirmations; (ii) hand delivery; or (iii) certified or registered U.S. Mail with prepaid postage and return receipt requested, and addressed as follows:

TO CITY: City Manager
City of Redondo Beach
415 Diamond St.
Redondo Beach, CA 90277

with copies to: City Attorney
City of Redondo Beach
415 Diamond St.
Redondo Beach, CA 90277

TO LICENSEE: CROWN CASTLE FIBER LLC
Attn: Ken Simon, General Counsel
2000 Corporate Drive
Canonsburg, PA 15317
Email: SCNContract.Mgmt@crowncastle.com

with copies to: CROWN CASTLE FIBER LLC
Attn: SCN Contracts Management
2000 Corporate Drive
Canonsburg, PA 15317

All notices, demands or other correspondence in connection with this License will be deemed to have been delivered: (a) two days after deposit if delivered by U.S. certified mail; (b) the date delivery is made by personal delivery or overnight delivery; or (c) the date an attempt to make delivery fails if a party changes its address without proper notice or refuses to accept delivery after an attempt. Any copies required to be given constitute an administrative step for the parties' convenience and not actual notice. The parties may change the notice addresses above from time-to-time through written notice to the addresses above or the then-current notice address.

28.2. Waivers

No failure by either the City or Licensee to insist that the other strictly perform any obligation, term, covenant or condition under this License or to exercise any rights, powers or remedies in connection with the other party's failure to strictly perform such

obligation, term, covenant or condition no matter how long the failure to insist on such performance or exercise such rights, powers or remedies, will be deemed to waive any default for non-performance. No behaviors, patterns or customs that may arise between the parties with respect to their performance required under this License will be deemed to waive any rights, powers or remedies the parties' may have to insist on strict performance. Neither Licensee's payment nor the City's or its Agents' acceptance of any License Fee or any other sums due to the City or its Agents under this License during any such default will be deemed to cure any such default, waive the City's right to demand material compliance with such obligation, term, covenant or condition or be deemed to be an accord and satisfaction for any Claim the City may have for further or additional sums. Any express waiver by either the City or Licensee in connection with any default or obligation to perform any provision, term, covenant or condition under this License will: (i) be limited to the specific default or performance for which the express waiver is granted; (ii) not be deemed to be a continuing waiver; and (iii) not affect any other default or performance no matter how similar or contemporaneous such other default or performance may be. The City's or Licensee's consent given in any specific instance in connection with or pursuant to this License will not relieve the City or Licensee from the obligation to secure the other's consent in any other or future specific instances, no matter how similar or contemporaneous the request for consent may be.

28.3. Integration; Amendments

This License constitutes the entire agreement and understanding between the parties, and supersedes any and all prior agreements and understandings, whether written or oral, with respect to the subject matter covered in this License. This License and any default in connection with this License may not be orally changed, waived, discharged, altered, modified, amended or terminated. This License and any default in connection with this License may not be changed, waived, discharged, altered, modified, amended or terminated, except by a written instrument signed by both parties.

28.4. Interpretation

The parties acknowledge and agree that the following interpretive rules will be applicable to this License:

28.4.1. General

Whenever required by the context, the singular includes the plural and vice versa; the masculine gender includes the feminine or neuter genders and vice versa; and defined terms encompass all their correlated forms (e.g., the definition for "indemnify" applies to "indemnity," "indemnification," etc.).

28.4.2. Joint and Several Liability

In the event that the City consents to enter into this License with more than one Licensee, which consent the City may withhold or condition in the City's sole and absolute discretion, the obligations and liabilities imposed on Licensee under this License will be joint and several among the multiple Licensees to this License.

28.4.3. Captions and Other Reference Material

The section captions in this License and the table of contents have been included for the parties' convenience and reference and neither the captions nor the table of contents in no way define or limit the scope or intent of any provision in this License.

28.4.4. Time

References in this License to "days" mean calendar days, unless specifically provided otherwise. A "business day" means a day other than a Saturday, Sunday or a bank or City holiday. If the last day in any period to give notice, reply to a notice or to undertake any other action occurs on a day that is not a business day, then the last day for giving notice, replying to the notice or undertaking any other action will be the next business day. Except as modified in this Section 28.4.4, time is of the essence with respect to all provisions in this License for which a definite time for performance is specified.

28.4.5. Inclusive Words and/or Phrases

Inclusive terms and/or phrases, which includes without limitation the terms and/or phrases "including," "such as" or similar words or phrases that follow any general or specific term, phrase, statement or matter may not be construed to limit the term, phrase, statement or matter to the stated terms, statements or matters, or the listed items that follow the inclusive term or phrase, whether any non-limitation language or disclaimers, such as "including, but not limited to" and/or "including without limitation" are used or not. Rather, the stated term, phrase, statement or matter will be interpreted to refer to all other items or matters that could reasonably fall within such term, phrase, statement or matter given its broadest interpretation.

28.5. Successors and Assigns

Except as may be expressly provided in this License, the conditions, covenants, promises and terms contained in this License will bind and inure to the benefit of the City and Licensee and their respective successors and assigns.

28.6. Brokers

The parties represent to each other that neither has had any contact, dealings or communications with any Broker in connection with this License, whose commission, if any, would be paid pursuant to a separate written agreement between such Broker and such party with which such Broker contracted. In the event that any Broker perfects any claim or finder's fee based upon any such contact, dealings or communications, the party

to such written contract with such Broker shall indemnify the other party from all Claims brought by such Broker. This Section 28.6 will survive this License's expiration or earlier termination.

28.7. Governing Law; Venue

This License must be construed and enforced in accordance with the laws of the State of California and the Redondo Beach City Charter, without regard to the principles of conflicts of law. This License is made, entered and will be performed in the City of Redondo Beach, County of Los Angeles, State of California. Any action concerning this License must be brought and heard in the California Superior Court for the County of Los Angeles, Southwest Judicial District or, if jurisdiction is proper, the United States District Court for the Central District of California.

28.8. Litigation Fees and Costs

In the event the City or Licensee prevails in an action to enforce its rights under this License, the prevailing shall be entitled to recover its costs and expenses, including reasonable attorneys' fees, incurred in connection with such action.

28.9. Recording

Licensee acknowledges and agrees that: (1) this License affects the City's personal property and therefore cannot be recorded in any official records; (2) Licensee shall not have the right to record this License, any memorandum or any short-form agreement in relation to this License; and (3) Licensee shall, at Licensee's sole cost and expense, remove any document or other instrument recorded against the City's title to any City Property promptly upon the City's request or demand. In the event that this License affects or is deemed to affect any real property owned by the City, Licensee may not record any document or instrument in connection with this License without the City's prior written consent, which the City may withhold in the City's sole and absolute discretion.

28.10. No Third-Party Beneficiaries

This License is not intended to (and shall not be construed to) give any third party, which includes without limitation Licensee's customers (to the extent Licensee deploys Equipment for use by third-party wireless carrier customers) or any other third-party beneficiaries, any right, title or interest in this License or the real or personal property(ies) that may be affected by the same.

28.11. Survival

All terms, provisions, covenants, conditions and obligations in this License will survive this License's expiration or termination when, by their sense or context, such provisions, covenants, conditions or obligations: (1) cannot be observed or performed until this License's expiration or earlier termination; (2) expressly so survive; or (3) reasonably

should survive this License's expiration or earlier termination. Notwithstanding any other provision in this License, the parties' rights to enforce any and all indemnities, representations and warranties given or made to the other party under this License or any provision in this License will not be affected by this License's expiration or termination.

28.12. Severability

If any provision in this License or such provision's application to any person, entity or circumstances is or held by any court with competent jurisdiction to be invalid or unenforceable: (1) such provision or its application to such person, entity or circumstance will be deemed severed from this License; (2) all other provisions in this License or their application to any person, entity or circumstance will not be affected; and (3) all other provisions in this License or their application to any person, entity or circumstance will be valid and enforceable to the fullest extent permitted by Law, except to the extent that such enforcement would (a) be manifestly unreasonable or manifestly inequitable under all the circumstances or (b) undermine one or both parties' fundamental purpose in entering this License.

[END OF AGREEMENT – SIGNATURES APPEAR ON NEXT PAGE]

The City and Licensee executed this License as of the date last written below:

THE CITY:

City of Redondo Beach,
a chartered California municipal
corporation

By: _____
William C. Brand

Its: Mayor

Date: _____

LICENSEE:

Crown Castle Fiber, LLC
a New York Limited Liability Company

By: _____

Its: _____

Date: _____

APPROVED AS TO FORM:

By: _____
Michael W. Webb
City Attorney

ATTEST:

By: _____
Eleanor Manzano
City Clerk

[END OF SIGNATURES – EXHIBITS AND SCHEDULES APPEAR ON NEXT PAGE]

SCHEDULE 1

ANNUAL LICENSE FEE

YEAR OF TERM	ANNUAL LICENSE FEE
2021	\$270.00
2022	\$278.10
2023	\$286.44
2024	\$295.04
2025	\$303.89
2026	\$313.00
2027	\$322.39
2028	\$332.07
2029	\$342.03
2030	\$352.29

SCHEDULE 2

CITY'S ESTIMATED FAIR MARKET LICENSE FEES

YEAR	ANNUAL LICENSE FEE
2021	\$1,200.00
2022	\$1,236.00
2023	\$1,273.08
2024	\$1,311.27
2025	\$1,350.61
2026	\$1,391.13
2027	\$1,432.86
2028	\$1,475.85
2029	\$1,520.12
2030	\$1,565.73
2031	\$1,612.70
2032	\$1,661.08
2033	\$1,710.91
2034	\$1,762.24
2035	\$1,815.11
2036	\$1,869.56
2037	\$1,925.65
2038	\$1,983.42
2039	\$2,042.92
2040	\$2,104.21

EXHIBIT A-1

LICENSE AREA

(A site survey or surveys that depicts the location(s) of the Vertical Infrastructure within the City and the location(s) of the Licensee's attachments to such Vertical Infrastructure appears behind this coversheet. Pursuant to Section 6.11 of this License, the City shall have the right to substitute post-construction surveys and/or as-built drawings of the completed facility.)

CROWN CASTLE NG WEST
PROJECT # ATTRB06



PROPOSED STREET LIGHT POLE WITH SMALL CELL NODE
NODE ID: ATTRB06
STREET LIGHT ID: N/A
JURISDICTION: REDONDO BEACH
317 TORRANCE BLVD., REDONDO BEACH, CA 90277
(33.83834° , -118.3849°)

PROJECT DESCRIPTION

- INSTALLATION OF UNMANNED TELECOMMUNICATION FACILITY, CROWN CASTLE TO INSTALL THE FOLLOWING:
- REMOVE AND REPLACE (1) EXISTING CONCRETE LIGHT POLE WITH (1) PROPOSED CONCRETE LIGHT POLE
 - INSTALL (1) RADIO SHROUD ASSEMBLY WITH (1) ANTENNA, (2) REMOTE RADIO UNIT (2205), (1) REMOTE RADIO UNIT (2205), AND (1) AC LOAD CENTER ON PROPOSED CONCRETE STREET LIGHT POLE
 - INSTALL (1) 24"x36" HANDHOLE WITH (1) DISCONNECT
 - INSTALL (1) 17"x30" HANDHOLE WITH (1) WTR 6P ENCLOSURE
 - TRENCH FROM PROPOSED HANDHOLES TO PROPOSED STREET LIGHT POLE FOR FIBER AND POWER

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS AND SUPPLEMENTS OF THE FOLLOWING CODES AS ADOPTED BY THE CITY OF REDONDO BEACH. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. CALIFORNIA GENERAL ORDER 95
2. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK)
3. STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)
4. 2016 CALIFORNIA BUILDING STANDARDS CODE (CAL CODE REGS. TITLE 24)
5. 2018 CALTRANS STANDARD PLAN FOR TRAFFIC STRIPING AND MARKINGS
6. CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
7. REDONDO BEACH MUNICIPAL CODE

PROJECT CONTACTS

DEVELOPER/APPLICANT:

CROWN CASTLE
ADDRESS: 200 SPECTRUM CENTER DR, SUITE 1900, IRVINE, CA 92618
CONTACT: BOB KAVERT
EMAIL: bob.kavert.contractor@crowncastle.com
PHONE: (949) 930-7466

GOVERNMENT RELATIONS MANAGER:

CONTACT: AARON SNYDER
EMAIL: aaron.snyder@crowncastle.com
PHONE: (909) 568-4519

PERMITTING MANAGER:

CONTACT: AHMAD SMITH
EMAIL: ahmad.smith@crowncastle.com
PHONE: (951) 535-5444

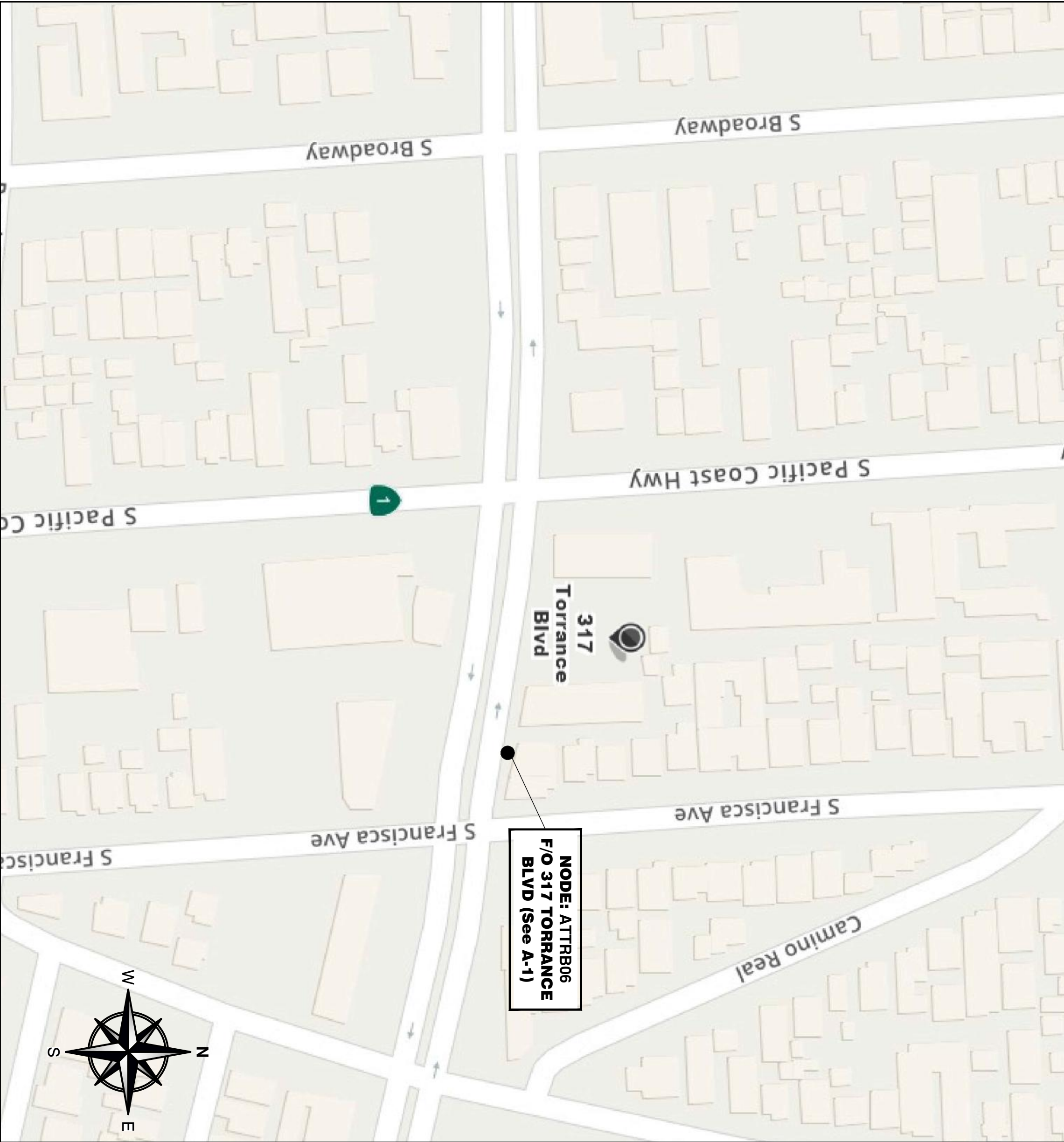
ENGINEER:

JACOBS TELECOMMUNICATIONS, INC.
ADDRESS: 2600 MICHELSON DR, SUITE 500, IRVINE, CA
CONTACT: FRANCIS DONG
EMAIL: francis.dong@jacobs.com
PHONE: (714) 360-7372

SOUTHERN CALIFORNIA EDISON (SCE) SERVICE CENTER:

ADDRESS: 505 MAPLE AVENUE, TORRANCE, CA 90503
PHONE: (310) 783-9344, FAX (310) 783-9388

LOCATION MAP



DRAWING INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE PAGE
T-2	GENERAL NOTES
D-1	EQUIPMENT DETAILS
D-2	EQUIPMENT DETAILS
A-1	SITE PLAN
A-2	PROPOSED NODE CONSTRUCTION AREA
A-3	POLE ELEVATIONS
A-4	POLE ELEVATIONS
PS-1	PHOTO SIMULATION
PS-2	PHOTO SIMULATION
E-1	SCE FINAL POWER
E-2	SCE FINAL POWER
P-1	STREET LIGHT POLE DETAILS
S-1	POLE FOUNDATION
TC-1	TRAFFIC CONTROL NOTES
TC-2	TRAFFIC CONTROL PLAN - PHASE I

OWNER/DEVELOPER:



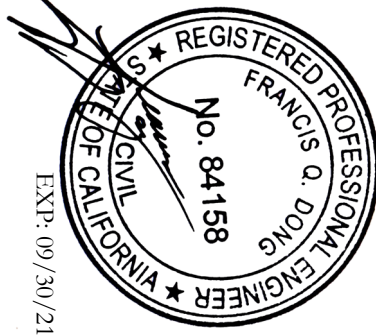
200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

ENGINEER:



2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501

STAMP:



UNDERGROUND SERVICE ALERT

TOLL FREE 811



www.call811.com
TWO WORKING DAYS BEFORE YOU DIG

REVISIONS

REV	DATE	DESCRIPTION	BY
00	10-23-18	90% CD - FDBCC REVIEW	RU
01	04-06-20	100% CD - NO COMMENTS	FD
02	05-08-20	100% CD - NO COMMENTS	FD

DRAWN BY: RU	CHECKED BY: FD	APPROVED BY: FD
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SITE INFO

NODE ID:	ATTRB06
CLIENT ID:	CRAN_PLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

TITLE SHEET

SHEET NO.

T-1

CROWN CASTLE NG WEST
PROJECT # ATTRB06



200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

ENGINEER:

JACOBS
Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
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01	04-06-20	100% CD - NOI COMMENTS	FD
02	05-08-20	100% CD - NOI COMMENTS	FD

DRAWN BY:	CHECKED BY:	APPROVED BY:
RU	FD	FD

SITE INFO

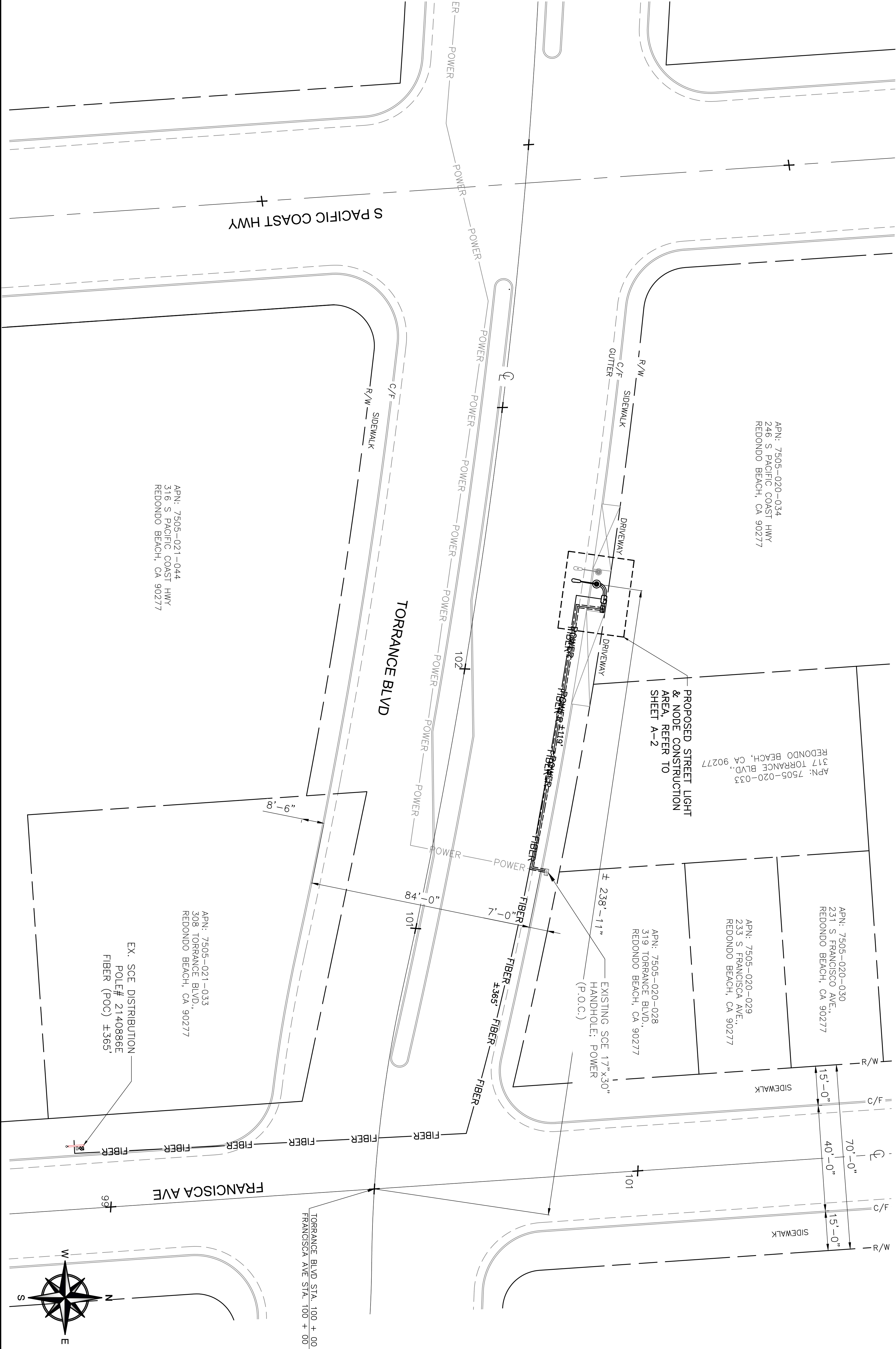
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HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

SITE PLAN

SHEET NO.

SITE PLAN



CROWN CASTLE NG WEST
PROJECT # ATTRB06



200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

ENGINEER:

JACOBS
Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
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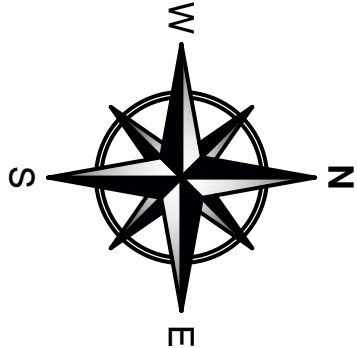
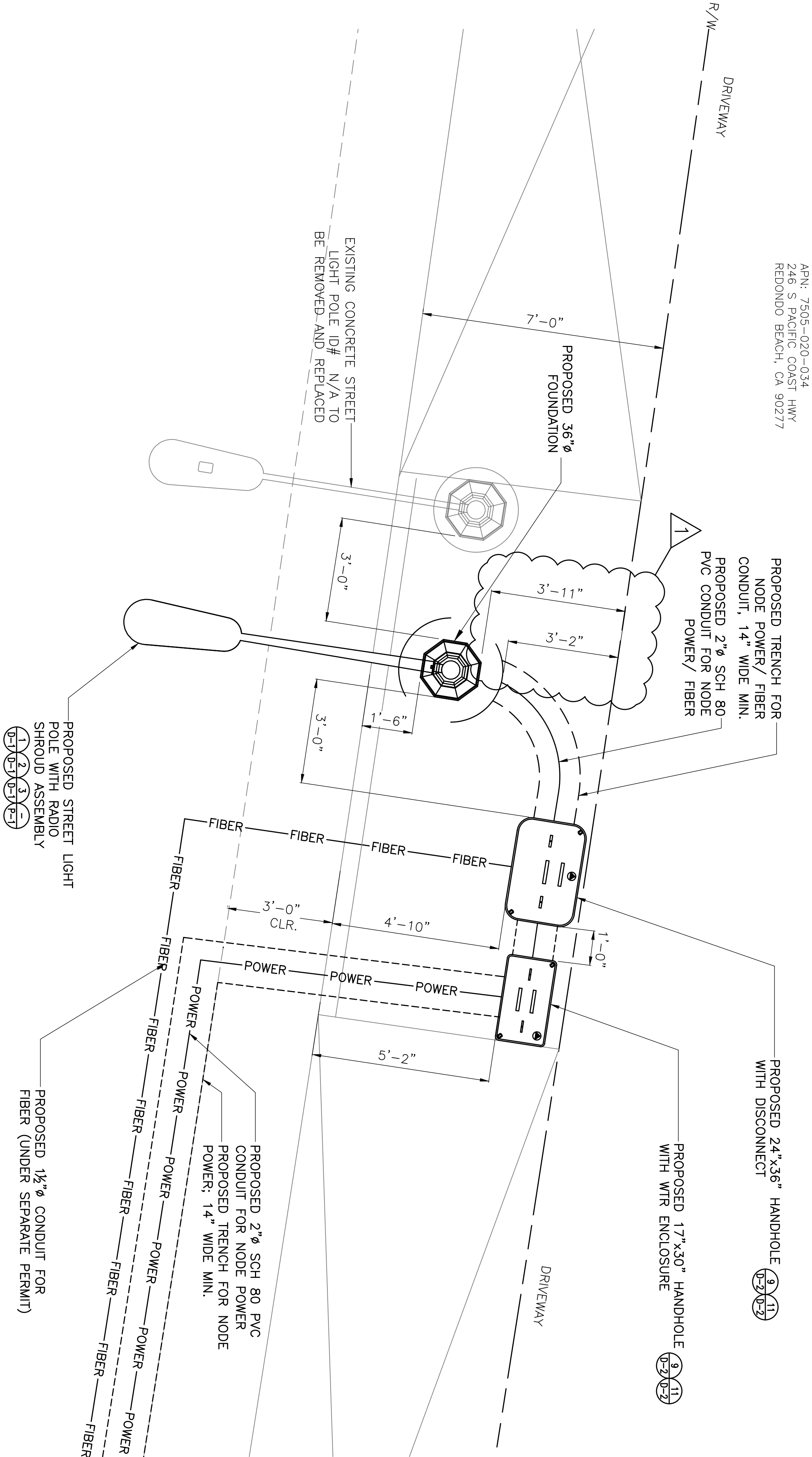
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HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

PROPOSED NODE CONSTRUCTION AREA

SHEET NO.

PROPOSED NODE CONSTRUCTION AREA



A-2

EXHIBIT A-2

APPROVED PLANS

(Prior to the issuance of a construction permit or permits, the Licensee shall tender its Preliminary Plans as this exhibit. After the issuance of a construction permit or permits, the Approved Plans shall be substituted in place of the Preliminary Plans in accordance with Section 6.2 of this License. Pursuant to Section 6.11 of this License, the City shall have the right to substitute post-construction surveys and/or as-built drawings of the completed facility(ies) in place of the Approved Plans.)

CROWN CASTLE NG WEST
PROJECT # ATTRB06



PROPOSED STREET LIGHT POLE WITH SMALL CELL NODE

NODE ID: ATTRB06

STREET LIGHT ID: N/A

JURISDICTION: REDONDO BEACH

317 TORRANCE BLVD., REDONDO BEACH, CA 90277

(33.83834°, -118.3849°)



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200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS
Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949.224-7500
FAX: 949.224-7501

REGISTERED PROFESSIONAL ENGINEER
No. 84158
STATE OF CALIFORNIA
DATE: 07/04/21

UNDERGROUND SERVICE ALERT
Call: 811
TOLL FREE
www.call811.com

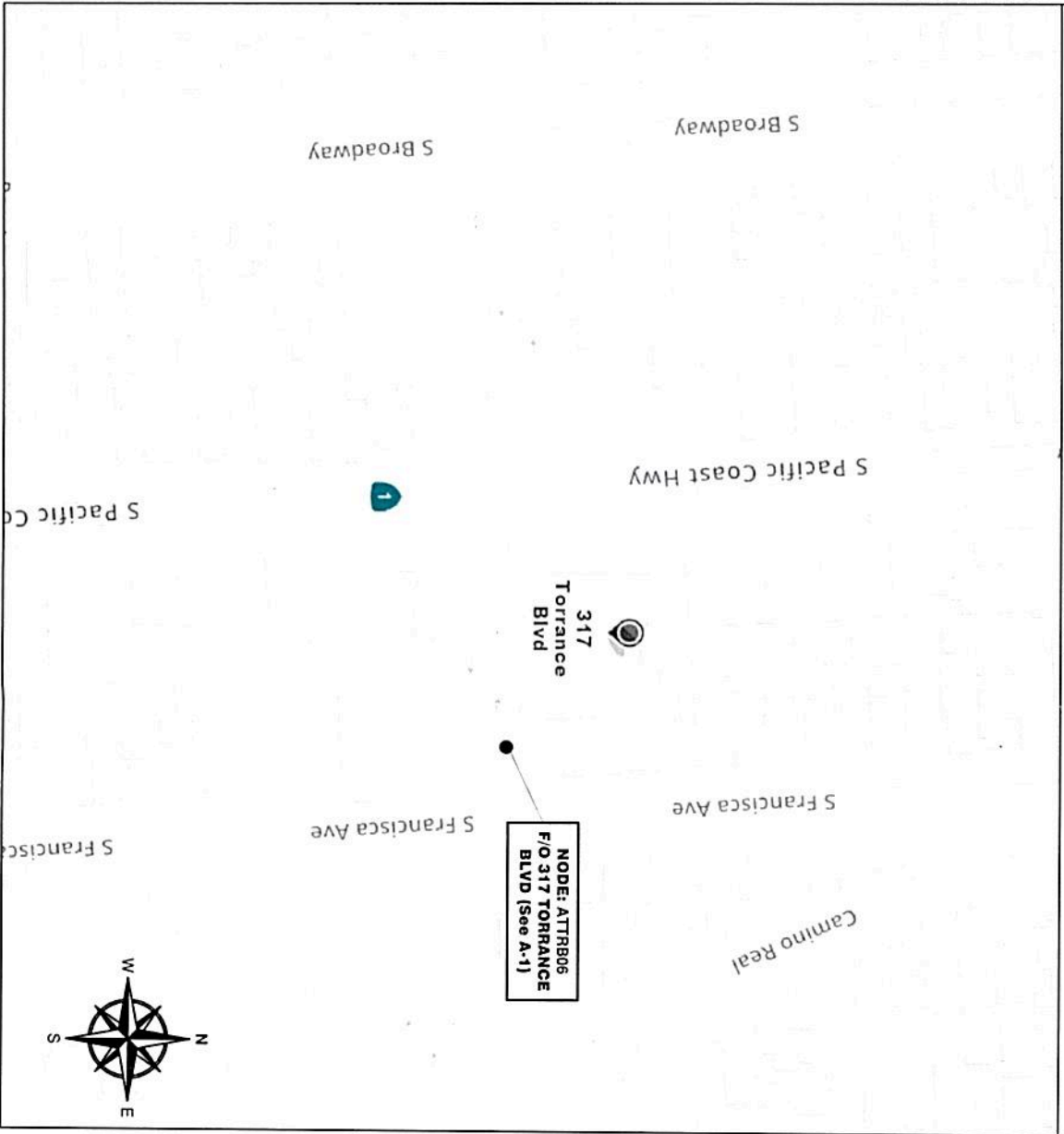
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NO.	DATE	DESCRIPTION
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CLIENT ID:	GRAN_RLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE	
TITLE SHEET	
SHEET NO. T-1	

LOCATION MAP



PROJECT DESCRIPTION

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CODE COMPLIANCE

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PHONE: (951) 533-5444

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ADDRESS: 505 MAPLE AVENUE, TORRANCE, CA 90503
PHONE: (310) 783-9344, FAX (310) 783-9388

CROWN CASTLE NG WEST
PROJECT # ATTRB06

EROSION AND SEDIMENT CONTROL NOTES:

- TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
- ALL REQUIREMENTS OF THE CITY OF REDONDO BEACH "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED PUBLIC IMPROVEMENTS CONSISTENT WITH THE EROSION CONTROL PLAN AND/OR WATER POLLUTION CONTROL PLAN (WPCP), IF APPLICABLE.
 - FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
 - THE CONTRACTOR OF QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREETS(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
 - THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
 - EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAIN SEASON.
 - THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
 - THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
 - ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED IMPROVEMENT PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
 - ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
 - THE CONTRACTOR WILL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.
1. CONTRACTOR TO POthOLE ALL UTILITY CROSSINGS.
2. CONTRACTOR TO PLACE SANDBAGS AROUND ANY/ALL STORM DRAIN INLETS TO PREVENT CONTAMINATED WATER.
3. SPOILS PILE WILL BE COVERED AND CONTAINED AND STREET WILL BE SWEEP AND CLEANED AS NEEDED.
4. CONTRACTOR REPAIR DAMAGED PUBLIC IMPROVEMENTS TO THE SATISFACTION OF THE CITY ENGINEER.
5. CURB & GUTTER TO BE PROTECTED IN PLACE. SIDEWALK TO BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
6. THE CONTRACTOR SHALL RESTORE THE ROADWAY BACK TO ITS ORIGINAL CONDITION, SATISFACTORY TO THE CITY ENGINEER INCLUDING, BUT NOT LIMITED TO PAVING, STRIPING, BIKE LANES, PAVEMENT LEGENDS, SIGNS, AND TRAFFIC LOOP DETECTORS.
7. SIDEWALK SHALL BE RESTORED/REPLACED PER CITY OF REDONDO BEACH STANDARD DRAWINGS.
8. PEDESTRIAN RAMP WILL NOT BE DISTURBED.

ROW GROUND CONSTRUCTION:

- GROUND CONSTRUCTION TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USUD VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, C0099, AND C0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 277-2600 OR 811.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- WATERING CABINET REQUIRES 36" CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

NORMAL LOCATION OF UNDERGROUND UTILITIES NOTES:

- LOCATION AND DEPTH OF EXISTING AND PROPOSED UTILITIES MUST BE PROVIDED BY THE SUBDIVIDER AND SHOWN ON ANY PLANS SUBMITTED TO THE DEPARTMENT OF PUBLIC WORKS FOR APPROVAL.
- CHANGES MAY BE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS IN CASES OF CONFLICTING FACILITIES.
- CONFLICTS BETWEEN UTILITY OF COMPANIES FACILITIES, EXISTING AND PROPOSED, MUST BE MUTUALLY RESOLVED BY THE UTILITY COMPANIES.
- FOR COMMERCIAL SIDEWALKS, THE FIRE HYDRANT SHALL BE PLACED WITHIN THE SIDEWALK 1'-6" BEHIND FACE OF CURB.
- MAXIMUM 2" DIAMETER GAS MAINS MAY BE PLACED IN JOINT UTILITIES TRENCH SUBJECT TO APPROVAL OF CITY ENGINEER (IN TRACS).

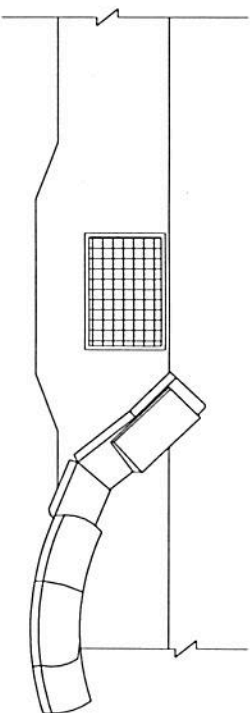
MULTIPLE CIRCUIT NOTES:

- WIRE CONNECTORS - WIRE CONNECTORS SHALL BEAR THE UNDERWRITERS LABORATORY SEAL OF APPROVAL. THE INSTALLATION PROCEDURE, INCLUDING CONNECTOR SIZE AND CRIMPING TOOLS SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS. GENERALLY, BULKY OR ODD SHAPE CONNECTORS, NARROW CONNECTORS WHICH CAN DAMAGE THE WIRE, OR TWIST-ON AND SCREW-ON CONNECTORS SHALL NOT BE USED. THE MECHANICAL PERFORMANCE OF THE CONNECTOR SHALL BE SUCH THAT NO FREE PLAY CAN BE OBSERVED AFTER THE CONNECTOR IS SUBJECTED TO A COMBINATION OF HAND-APPLIED TWISTS AND PULLS. A SOLID CROSS SECTION WILL ALSO BE REQUIRED WHEN THE CONNECTOR IS SUBJECT TO SAW CUTTING. ALL WIRE CONNECTORS SHALL HAVE A NOMINAL CROSS SECTION ARE EQUIVALENT TO THE AREA OF THE LARGEST CONDUCTOR CONNECTED.

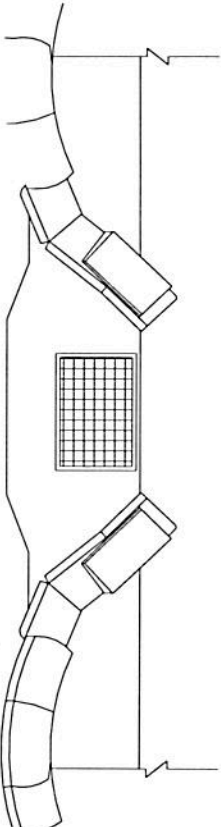
ADDITIONAL REQUIREMENTS:

- THE PERMITTEE SHALL INSTALL AND AT ALL TIMES MAINTAIN, IN GOOD CONDITION THE RF EMISSIONS SIGNAGE SHOWN IN THE PLANS.
- THE PERMITTEE SHALL ENSURE THAT ALL RF SIGNAGE COMPLIES WITH FCC OET BULLETIN 65 OR ANSI C95.2 FOR COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNAGE SHALL PROVIDE A WORKING LOCAL OR TOLL-FREE TELEPHONE NUMBER TO ITS NETWORK OPERATIONS CENTER THAT REACHES A LIVE PERSON WHO CAN EXERT TRANSMITTER POWER-DOWN CONTROL OVER THIS SITE AS REQUIRED.
- IN THE EVENT THAT THE FCC CHANGES ANY OF RADIO FREQUENCY SIGNAGE REQUIREMENTS THAT ARE APPLICABLE TO THE PROJECT SITE APPROVED HEREIN OR ANSI Z535.1, ANSI Z535.2, AND ANSI C95.2 STANDARDS THAT ARE APPLICABLE TO THE PROJECT SITE APPROVED HEREIN ARE CHANGED, PERMITTEE, WITHIN 30 DAYS OF EACH SUCH CHANGE, AT ITS OWN COST AND EXPENSE, SHALL REPLACE THE SIGNAGE AT THE PROJECT SITE TO COMPLY WITH THE THEN CURRENT STANDARDS.
- TO ENSURE THAT THE PERSONNEL WHO SERVICE THE LIGHT HAVE CONTROL OVER THE EMISSIONS FROM THE SITE DURING NIGHT SERVING, THE POWER DISCONNECT SWITCH SHALL EITHER NOT HAVE A PADLOCK OR OTHER LOCK OUT DEVICE, OR ONLY THE CITY'S LOCK SHALL BE PERMITTED ON THE DISCONNECT SWITCH.

STORM DRAIN INLET PROTECTION

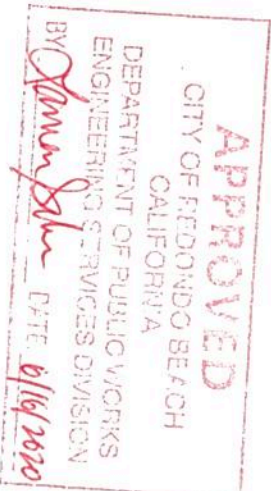


TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION



TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS

- INTENDED FOR SHORT-TERM USE.
- USED TO PREVENT STORM WATER FLOW.
- ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
- BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
- NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.



LEGEND

SYMBOL	DESCRIPTION
	PROPOSED
	2' x 3' VAULT
	NEW STREET LIGHT
	NEW PEDESTAL
	TRENCH AND FIBER CONDUIT (FV)
	EXISTING
	EXISTING UTILITY POLE
	EXISTING STREET LIGHT
	EXISTING
	EXISTING WALK/HANDHOLE
	EXISTING PEDESTAL
	EXISTING TRANSFORMER
	STATION POINT (100' INCREMENTS)
	EXISTING CURB RAMP
	EXISTING C/F
	EXISTING RIGHT OF WAY
	EXISTING CENTER LINE

ABBREVIATIONS

A/C	ASPHALT
B/C	BACK OF CURB
B/EOP	BACK OF EDGE OR PAVEMENT
C&G	CURB & GUTTER
C/F	C/F
€	CENTER LINE
EX	EXISTING
EOP	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
F/EOP	FACE OF EDGE OF PAVEMENT
R/W	RIGHT OF WAY
S/B	SUBDIVISION BOUNDARY

OWNER/DEVELOPER

CROWN CASTLE

200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

ENGINEER

JACOBS

Jacobs Telecommunications, Inc.

2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501

REGISTERED PROFESSIONAL ENGINEER

FRANCIS Q. DONG

No. 84158

STATE OF CALIFORNIA

UNDERGROUND SERVICE ALERT

TOLL FREE 811

www.call811.com

THE WORKING DAYS BEFORE YOU DIG

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02	05-08-20	100% CD - NOI COMMENTS	FD

DRWN BY	CHECKED BY	APPROVED BY
RU	FD	FD

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CLIENT ID:	GRAN_FLOS_00005_06
HUB ID:	177954

SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277
---------------	---

SHEET TITLE

GENERAL NOTES

SHEET NO.

T-2

CROWN CASTLE NG WEST
PROJECT # ATTRB06

APPROVED
CITY OF REDONDO BEACH
CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
BY *Chuan Jia* DATE *6/16/2020*
PWT 6/16/2020

CROWN
CASTLE

200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS
Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
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DATE	DESCRIPTION	BY
10.23.19	90% CD - FOR CC REVIEW	RU
04.06.20	100% CD - NOI COMMENTS	FD
05.08.20	100% CD - NOI COMMENTS	FD

DATE	DESCRIPTION	BY
10.23.19	90% CD - FOR CC REVIEW	RU
04.06.20	100% CD - NOI COMMENTS	FD
05.08.20	100% CD - NOI COMMENTS	FD

DATE	DESCRIPTION	BY
10.23.19	90% CD - FOR CC REVIEW	RU
04.06.20	100% CD - NOI COMMENTS	FD
05.08.20	100% CD - NOI COMMENTS	FD

D-1

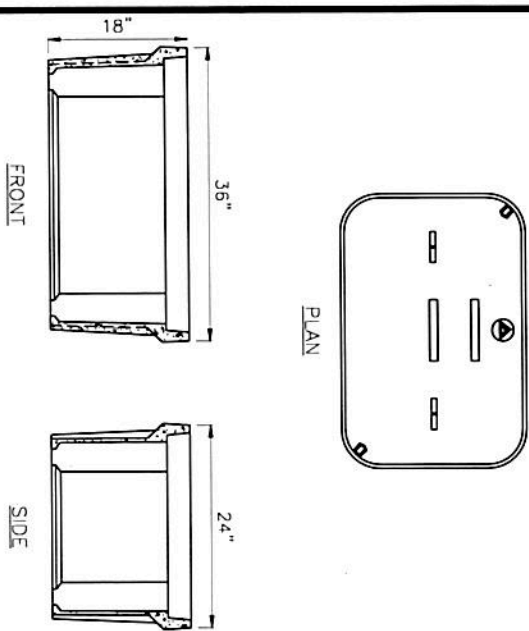
CROWN CASTLE NG WEST
PROJECT# ATTRB06

APPROVED

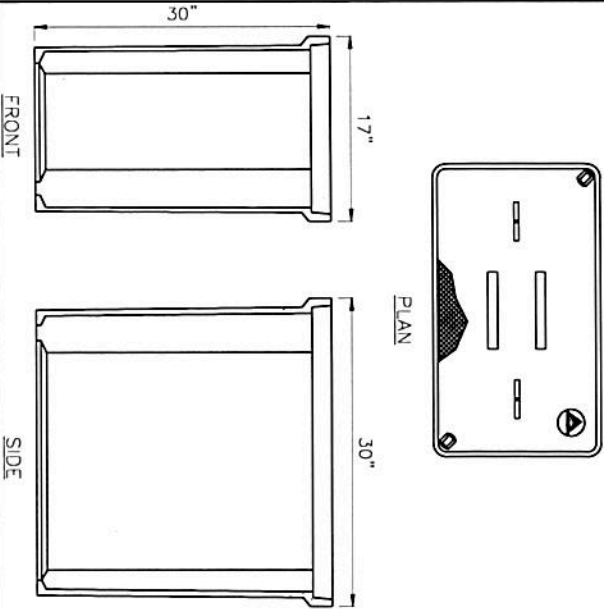
CITY OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

BY *Matthew J. ...* DATE: 6/16/2020

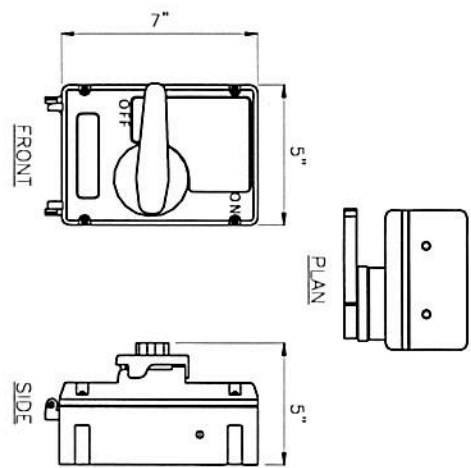
SPECIFICATIONS	
DIMENSIONS (WxHxD)	(24" X 36" X 18")
WEIGHT	293 LBS
MANUFACTURER	ARMORCAST
MODEL NO.	AC001974APCX18



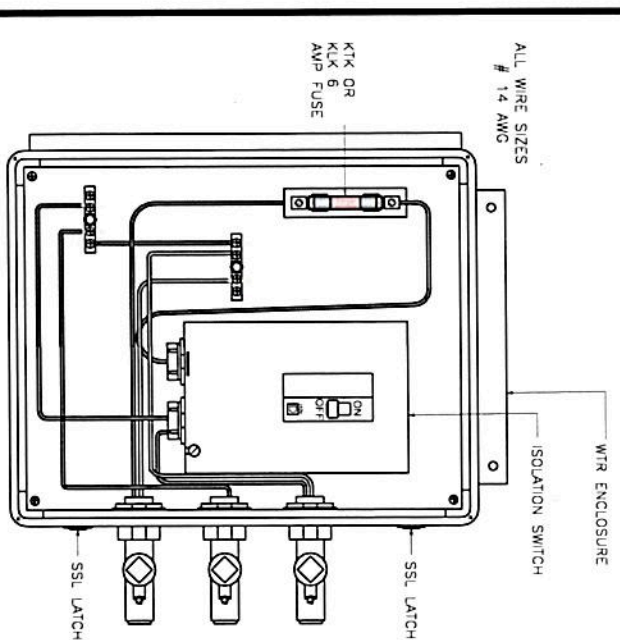
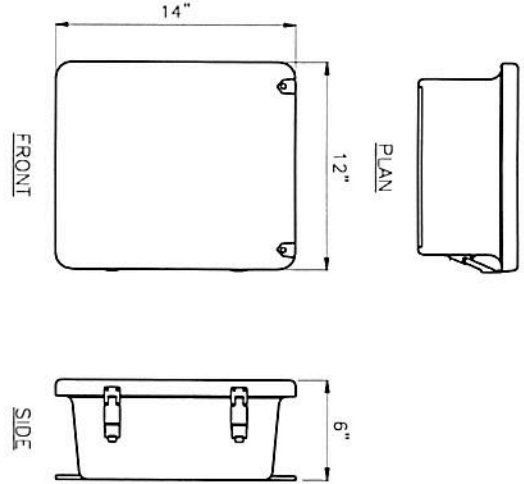
SPECIFICATIONS	
DIMENSIONS (HxWxD)	(17" X 30" X 30")
WEIGHT	<221 LBS
MANUFACTURER	ARMORCAST
MODEL	AC0016407APCX30



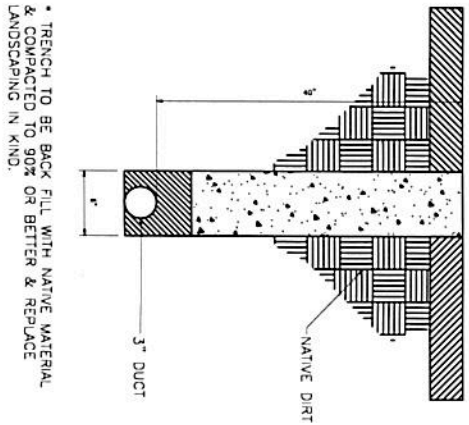
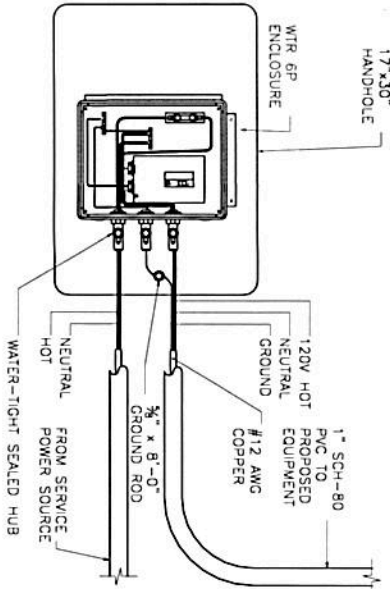
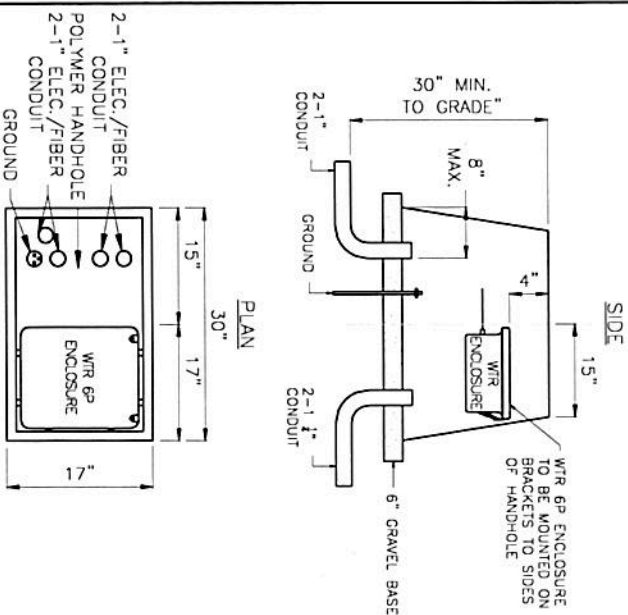
SPECIFICATIONS	
DIMENSIONS (WxHxD)	(5" X 7" X 4.75")
WEIGHT	N/A
MANUFACTURER	LEVITON
MODEL NO.	LD530-AX



SPECIFICATIONS	
DIMENSIONS (WxHxD)	(14" X 12" X 6")
WEIGHT	N/A
MANUFACTURER	STAHLIN
MODEL NO.	J1412HPL



NOTE:
ALL MOUNTING ATTACHMENTS FOR THE
WTR 6P ENCLOSURE SHALL BE THROUGH
EXTERNAL MOUNTING FLANGES INTEGRAL WITH
BOX



REVISIONS

REV	DATE	DESCRIPTION	BY
00	10-23-19	90% CD - FOR CC REVIEW	RU
01	04-06-20	100% CD - NOI COMMENTS	FD
02	05-08-20	100% CD - NOI COMMENTS	FD

DRAWN BY: RU	CHECKED BY: FD	APPROVED BY: FD
SITE INFO		
MODE ID:	ATTRB06	
CLIENT ID:	CRAN_RLOS_00005_06	
HUB ID:	177954	
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277	

SHEET TITLE	
EQUIPMENT DETAILS	
SHEET NO.	

D-2

OWNER/DEVELOPER
CROWN CASTLE
200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

ENGINEER
JACOBS
Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949.224.7500
FAX: 949.224.1601

REGISTERED PROFESSIONAL ENGINEER
No. 84158
STATE OF CALIFORNIA
DATE: 6/16/2020

UNDERGROUND SERVICE ALERT
TOLL FREE 811
www.c811.com
THE WORKING DATA BEFORE YOU DIG

CROWN CASTLE NG WEST
PROJECT# ATTRB06



200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618



Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949.224-7500
FAX: 949.224-7501



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02	05-08-20	100% CD - NOI COMMENTS	FD

DESIGN BY	CHECKED BY	APPROVED BY
RU	FD	FD

SITE INFO

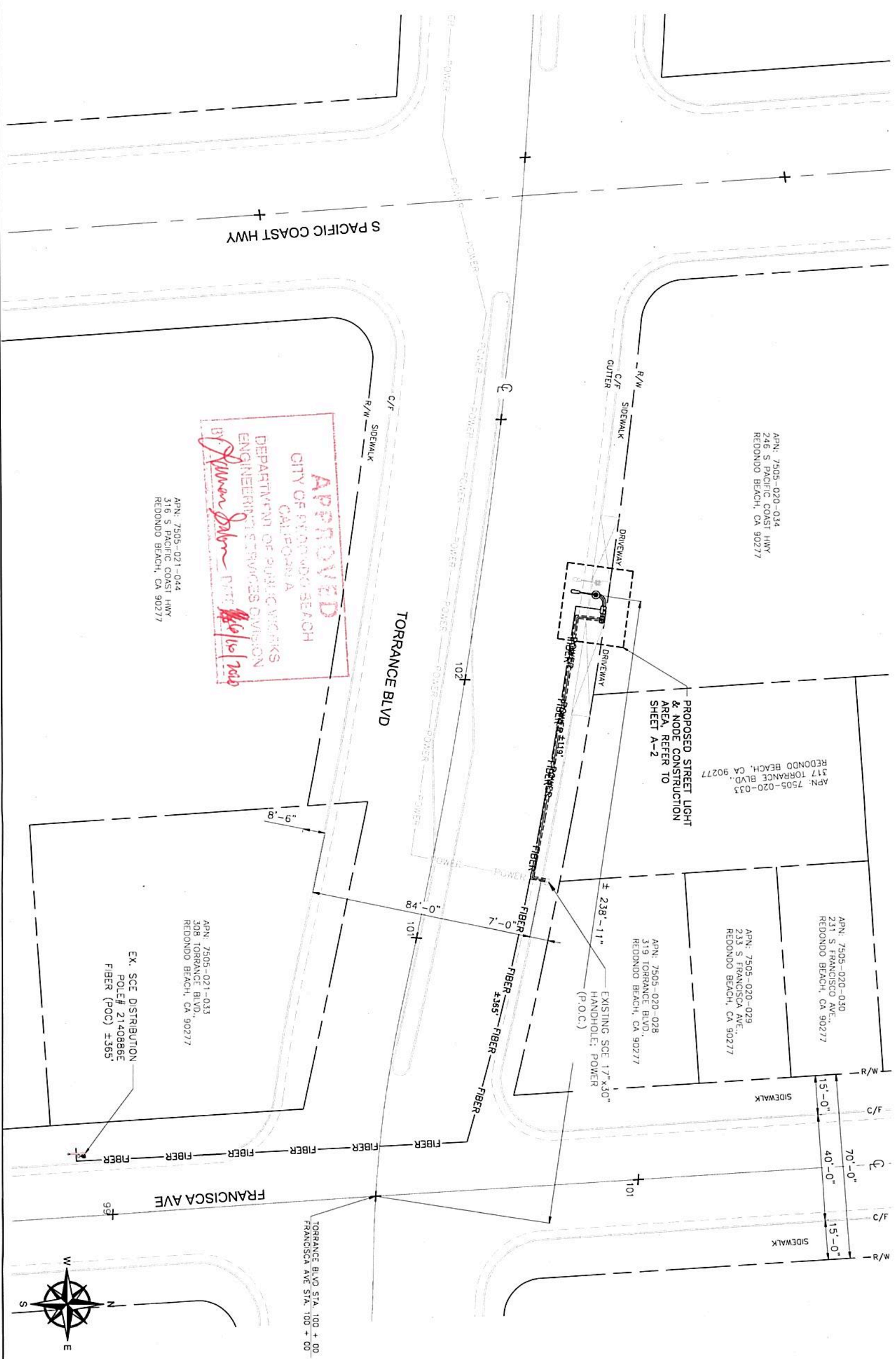
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CLIENT ID:	CRAN_PLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

SITE PLAN

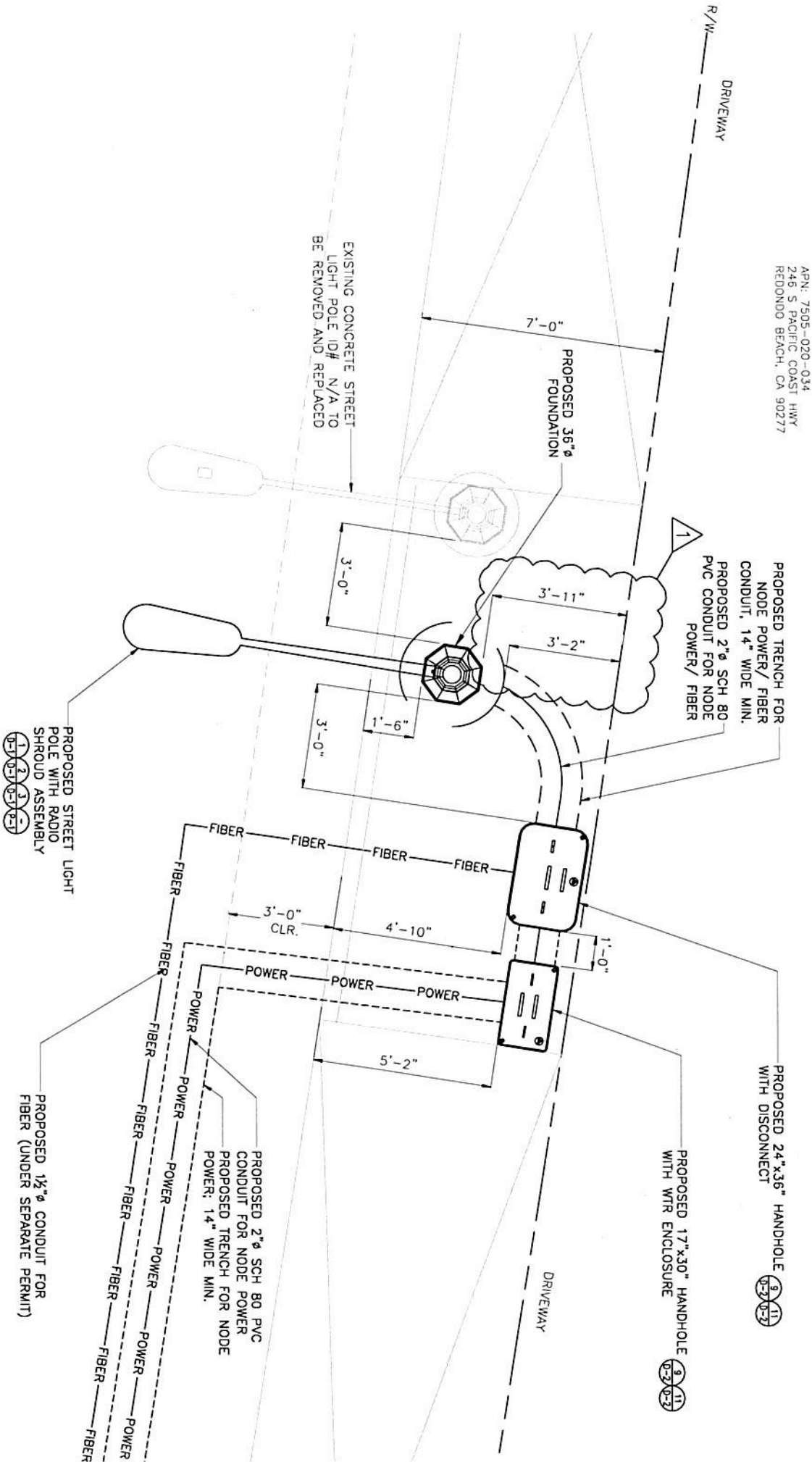
SHEET NO.

A-1



SITE PLAN

CROWN CASTLE NG WEST
PROJECT# ATTRB06



PROPOSED NODE CONSTRUCTION AREA



CROWN CASTLE

200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS

Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501

REGISTERED PROFESSIONAL ENGINEER
No. 84158
FRANCIS Q. DONG
CIVIL
STATE OF CALIFORNIA

UNDERGROUND SERVICE ALERT

Call: TOLL FREE 811

www.call811.com

NO WORKING DAYS BEFORE TOL LOG

REVISIONS			
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SITE INFO			
MODE ID:	ATTRB06		
CLIENT ID:	CRAN_RLOS_00005_06		
HUB ID:	177954		
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277		

SHEET TITLE	
PROPOSED NODE CONSTRUCTION AREA	
SHEET NO.	
A-2	

CROWN CASTLE NG WEST
PROJECT# ATTRB06

APPROVED

CITY OF IRVINE DEPT. OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

BY *James Kim* DATE *6/16/2009*

CROWN CASTLE
200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS
Jacobs Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501

REGISTERED PROFESSIONAL ENGINEER
FRANCIS Q. DONG
No. 24158
STATE OF CALIFORNIA
CIVIL
09/30/11

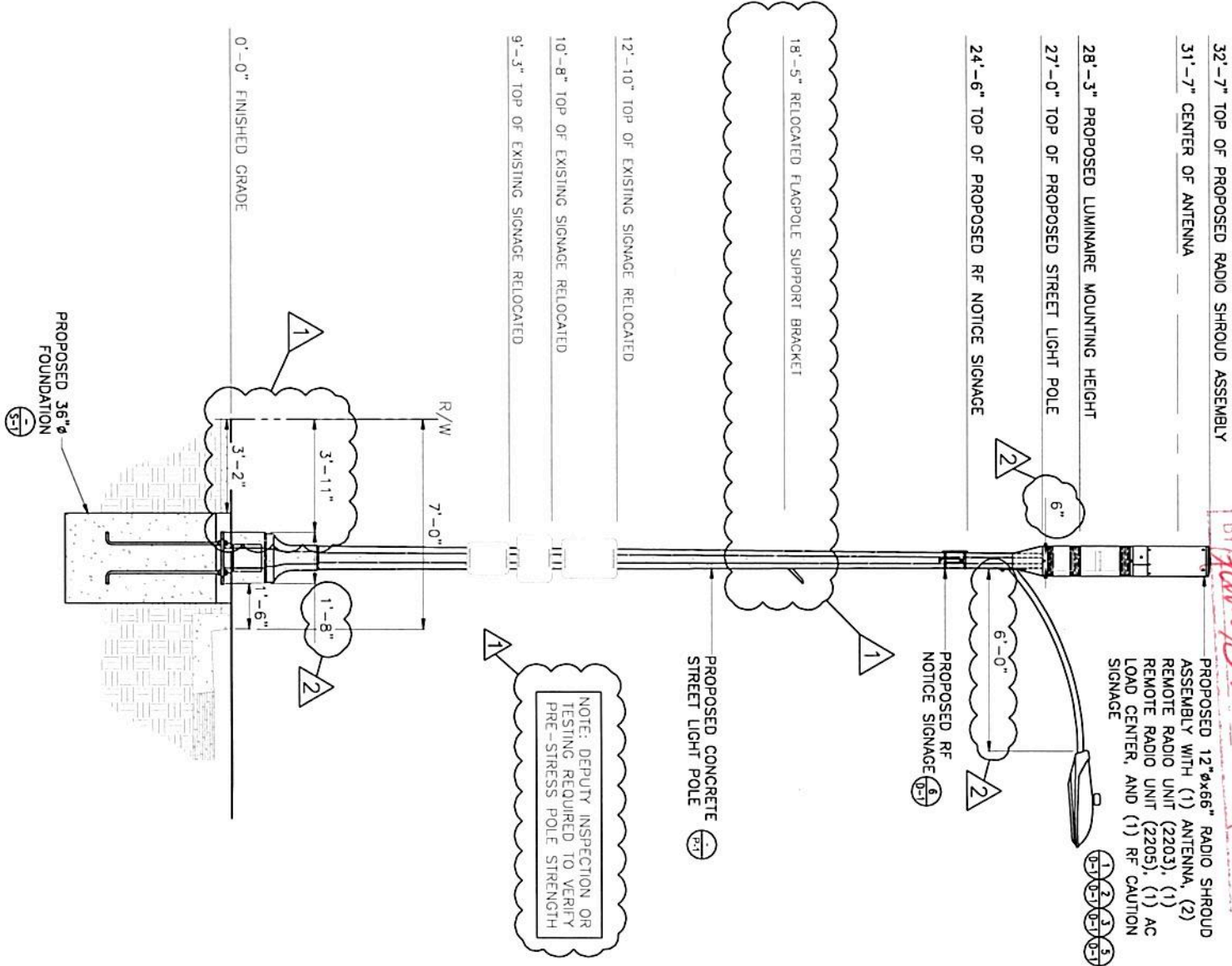
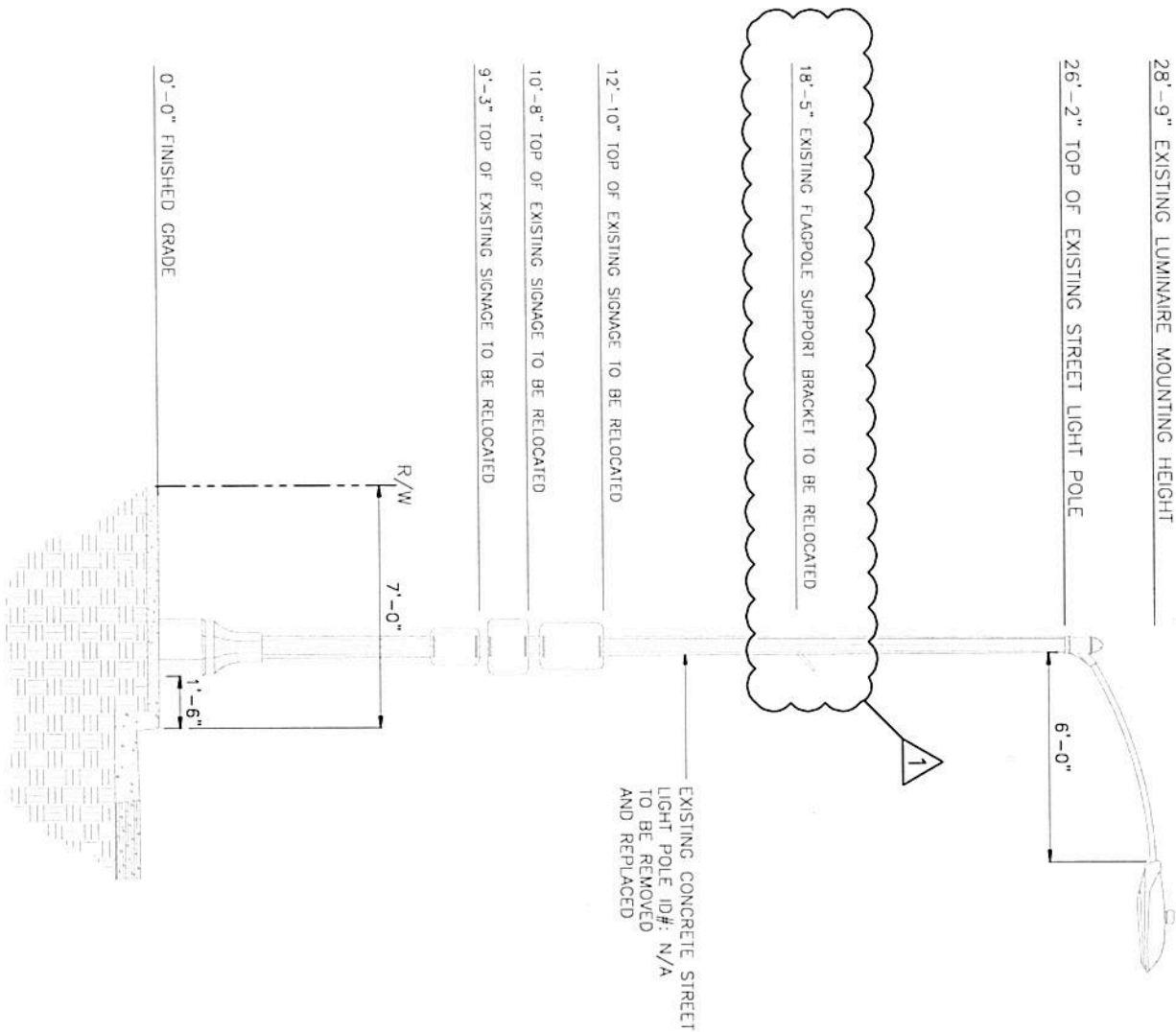
UNDERGROUND SERVICE ALERT
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www.call811.com
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REVISIONS		
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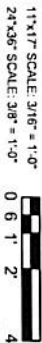
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NODE ID:	ATTRB06	
CLIENT ID:	CRAN_PLOS_00005_06	
HUB ID:	177954	
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277	

SHEET TITLE	
POLE ELEVATIONS	
SHEET NO.	

A-3	
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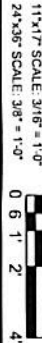


EXISTING NORTHWEST ELEVATION



1

PROPOSED NORTHWEST ELEVATION



2

CROWN CASTLE NG WEST
PROJECT # ATTRB06

APPROVED
CITY OF REDONDO BEACH
CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
BY: *[Signature]* DATE: 6/16/2020



200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

Existing



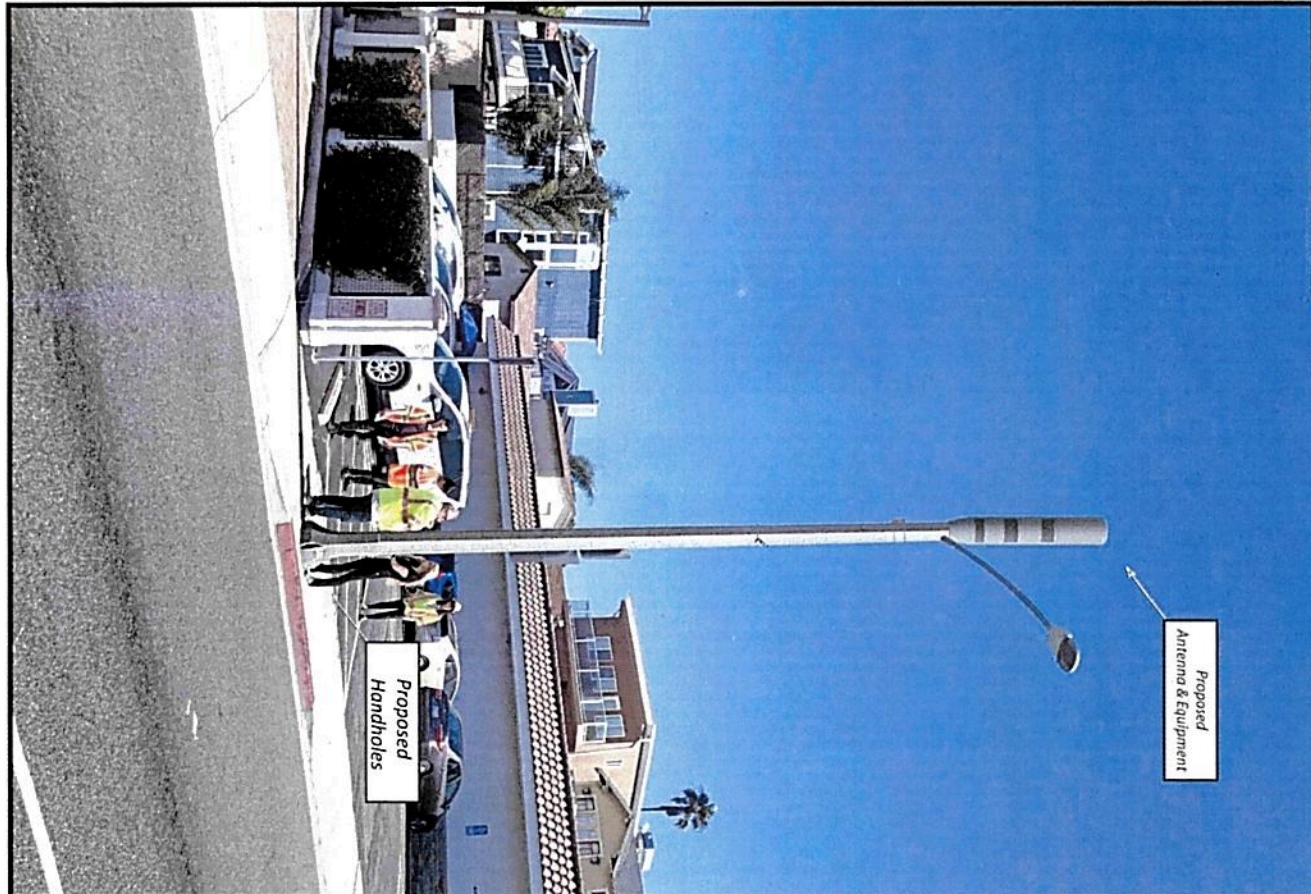
view from Torrance Boulevard looking northeast at site
ATTRB06
317 Torrance Boulevard, Redondo Beach, CA
Photosims Produced on 4-6-2020



Proposed

Proposed
Antenna & Equipment

Proposed
Handholes



AdvanceSims
Photo Simulation Solutions
Contact (925) 202-8507

JACOBS
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501



UNDERGROUND SERVICE ALERT
TOLL FREE 811
www.call811.com
CALL 811 BEFORE YOU DIG

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DRAWN BY:	CHECKED BY:	APPROVED BY:
RU	FD	FD

SITE INFO

NODE ID:	ATTRB06
CLIENT ID:	CRAN_PLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

PHOTO SIMULATION

SHEET NO.

PS-1

CROWN CASTLE NG WEST
PROJECT # ATTRB06

19
6/16/2020



200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618



Existing

view from Torrance Boulevard looking east at site

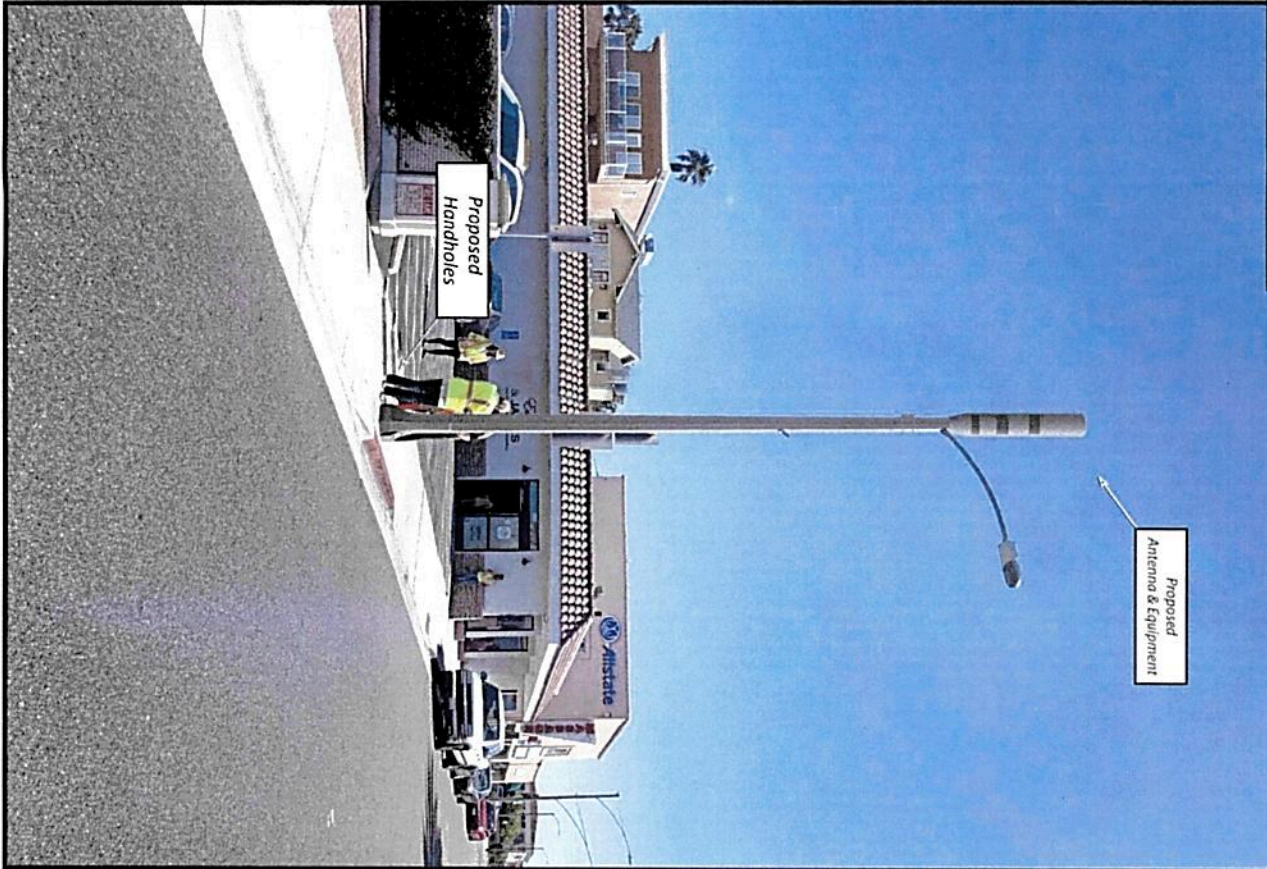
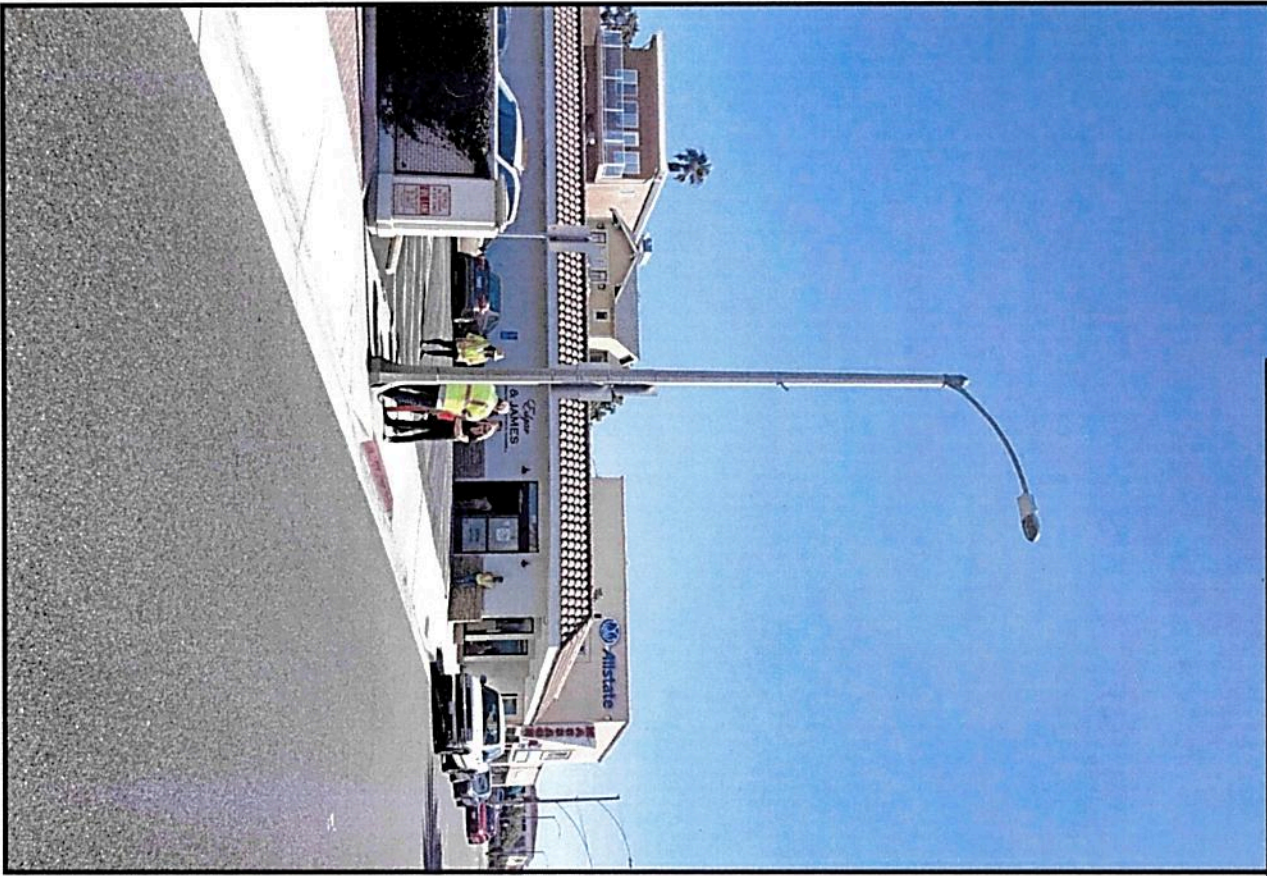
ATTRB06

317 Torrance Boulevard, Redondo Beach, CA

Photosims Produced on 4-6-2020

Proposed

Proposed
Antenna & Equipment



AdvanceSim
Photo Simulation Solutions
Contact (925) 202-8507

JACOBS
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IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-1501



UNDERGROUND SERVICE ALERT
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www.call811.com
TRAFFIC WORKING DAYS BEFORE YOU DIG

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RU	FD	FD

SITE INFO	
NODE ID:	ATTRB06
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HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

PHOTO SIMULATION
SHEET NO.
PS-2

BY *[Signature]* DATE *06/10/20*

REVISIONS

REV	DATE	DESCRIPTION	BY
00	10-23-19	90% CD - FOR CC REVIEW	RU
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DRAWN BY	CHECKED BY	APPROVED BY
RU	FD	FD

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CLIENT ID:	GRAN_FLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

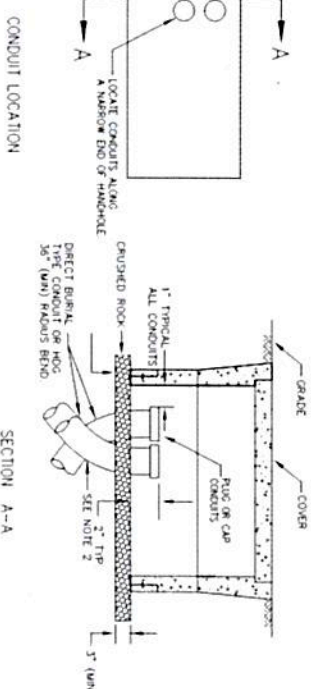
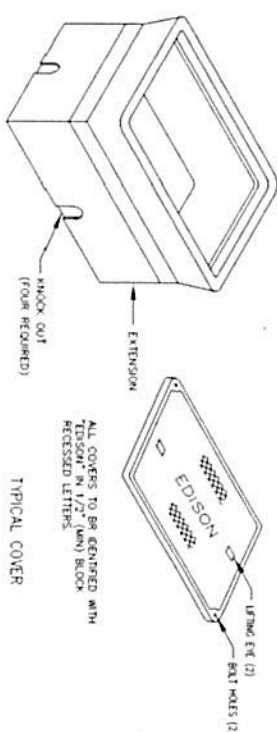
SHEET TITLE

STREET LIGHT POLE DETAILS

SHEET NO.



TYPICAL HANDHOLE INSTALLATION
SEE UGS HP 205



CONDUIT LOCATION

SECTION A-A

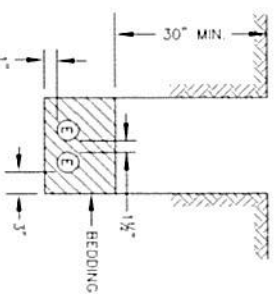
- NOTES:
1. SEE UGS HP 200 FOR DIMENSIONS OF VARIOUS SIZE HANDHOLES AVAILABLE.
 2. RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90° PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
 3. TWO HOLD DOWN DEVICES TO BE SUPPLIED WITH EACH HANDHOLE.

DTS REV 06/09/13

FINAL DESIGN
APPROVED FOR CONSTRUCTION

Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of the Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicants' expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by the Company during this warranty period.

TYPICAL CONDUIT BANK SECTION
SEE UGS CD 120



DIRECT BURIAL
SIMILAR CONSTRUCTION FOR FEWER CONDUIT
2 CONDUITS MAX

UNDERGROUND SERVICE ALERT
Dial 811
Call USA
For Underground Locating
2 Working Days Before You Dig

CONDUIT RADIUS REQUIREMENTS:

A. The minimum radius for bends are:
36" for conduits 3" in diameter or smaller
48" for conduits 4" and 5" in diameter
60" for 6" diameter conduit
B. The minimum radius for sweeps are:
36" for conduits 3" in diameter or smaller
48" for conduits 4" in diameter and larger,
unless otherwise noted.

SCE Inspection
Contact SCE 48 Hours in advance
for a Pre-Construction meeting
and/or inspection.
Email: NDPFCS@SCE.COM

DISTRICT 44 - SOUTH BAY	PROJ MGR FELIX JULIO PHONE: 909-42-8299	PLANNER YOUNG ERIC KI YOUNG PHONE: 626-308-6165	DESIGNER PEREZ, CARLOS ANTHONY
PROJECT NO. 1910939	SERVICE REQUEST 2812280	WSP NO. THOMAS GUIDE	PRODUCT-1 1667999-METER ONLY (FUNCTION WORK) NEW
CIRCUIT / VOLTAGE ARVANA/16KV	CIRCUIT CODE 00784	PRODUCT-2 PRODUCT-3	ASSOC DESIGN 1248413
SUB / PG NO VICTORIA/1	JP A NO.	PROPOSED CONSTRUCTION (LOCATION)	ASSOC DESIGN 1248413
INVENTORY MAP 38-63D-2		CROWN CASTLE WTR SITE: ATRB06 REDONDO BEACH, CA 90277	
DATE 3/17/20	APPROVED BY M. RANQUOH	CHECKED BY E. YOUNG	DRAWN BY C. PEREZ
TYPE F	DESIGN NO.	SHEET 1 of 2	DESIGN NO. 1248413_0.01

Southern California Edison Company

CONNECTING TO EXISTING SCE STRUCTURES

- Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE facilities, e.g. structures, equipment, multi-conduit runs/banks, or conductors. These facilities may be energized and the work will only be performed by SCE. Contact the appropriate SCE inspector to schedule an appointment. Customers may connect to on existing conduit stub without a SCE inspector present.
- Multi-conduit runs/banks are runs of conduit in close proximity to each other and other SCE facilities. A conduit stub is a single empty conduit stub that is in close proximity to other SCE owned facilities. Refer to the work order map for details.
- Per CPUC/SCE's Rule 15 B.1.A and Rule 16 D.1.A, the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in process.
- The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractor(s)).
- Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector/P-Spec to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

DOE: 11/13/18

TIE-IN MADE INTO A SECONDARY HANDHOLE

If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used, handhole cover needs to be removed, a SCE Qualified Person must be present.

WARNING

THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN HAZARD TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EDISON UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE. HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

CUSTOMER-OWNED CONDUIT MATERIAL AND CONCRETE ENCASEMENT ARE TO BE INSTALLED IN ACCORDANCE WITH EDISON ELECTRICAL SERVICE REQUIREMENTS.
SUBJECT TO APPROVAL BY LOCAL INSPECTION AUTHORITIES

D14 Rev 01/85

NOTE:
ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #128 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESCRIBED BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006).

WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANIPULATED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

CROWN CASTLE NG WEST
PROJECT # ATTRB06

CITY OF REDONDO BEACH
CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

CROWN
CASTLE
200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS
Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949-224-7500
FAX: 949-224-7501



UNDERGROUND SERVICE ALERT
TOLL FREE
811
www.call811.com
TWO WORKING DAYS BEFORE YOU DIG

REVISIONS

REV	DATE	DESCRIPTION	BY
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01	04-06-20	100% CD - NOI COMMENTS	FD
02	05-08-20	100% CD - NOI COMMENTS	FD

DRAWN BY	CHECKED BY	APPROVED BY
RU	FD	FD

SITE INFO

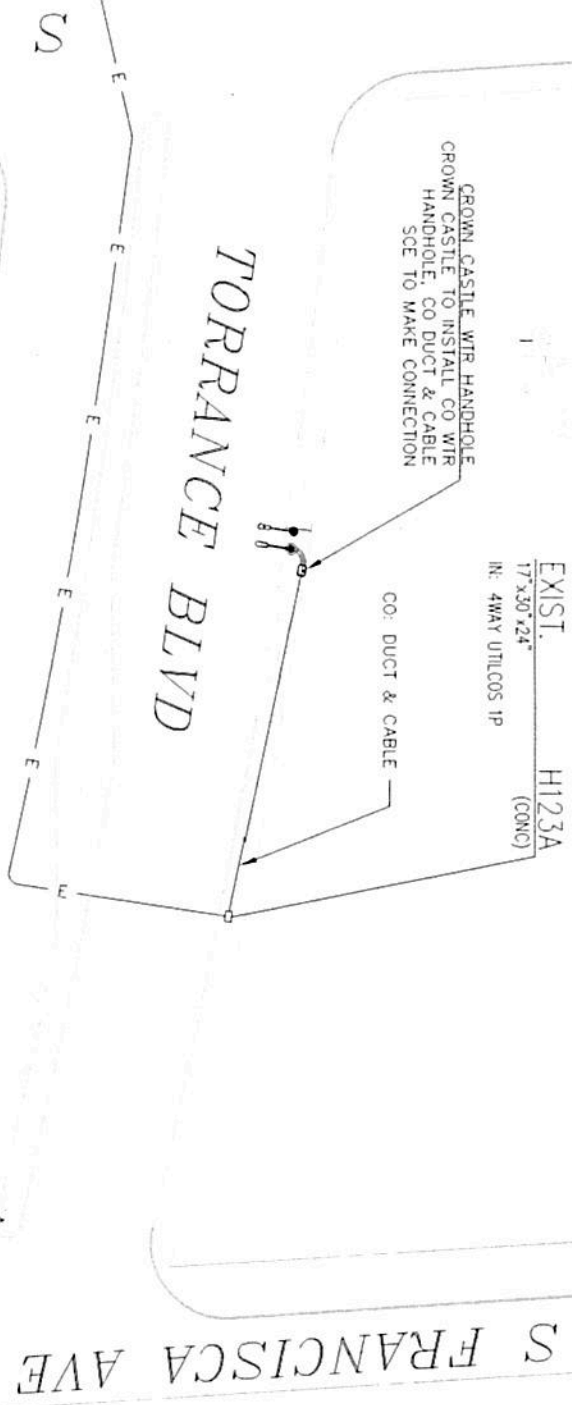
NODE ID:	ATTRB06
CLIENT ID:	CRAN_RLOS_00005_06
HUB ID:	177954
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277

SHEET TITLE

STREET LIGHT POLE DETAILS

SHEET NO.

E-2



SCALE: 1" = 40'



FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ. WGR FELIX, JULIO	PLANNER YOUN, ERIC KI YOUNG	DESIGNER PEREZ, CARLOS ANTHONY
PROJECT NO. 19109339	SERVICE REQUEST 2812280	WSP NO. 1667999	PRODUCT-1 METER ONLY (FUNCTION WORK) NEW
CIRCUIT / VOLTAGE ARVANA/16KV	THOMAS GUIDE 00784	PRODUCT-2	ASSOC DESIGN 1248413
SUB / PG NO. VICTORIA/1	CIRCUIT CODE 00784	PRODUCT-3	ASSOC DESIGN
INVENTORY WSP 38-630-2	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		CROWN CASTLE WTR SITE: ATTRB06	
		REDONDO BEACH, CA 90277	
TYPE F	DATE 3/17/20	APPROVED BY W. RANDOLPH	CHECKED BY E. YOUN
		DRAWN BY C. PEREZ	PAY #
		SHEET 2	OF 2
		DESIGN/DRWG NO. 1248413_0.01	
		Southern California Edison Company	

T.L.M. DATA:	SIZE	KVA	CUST	% LOAD
EXIST.	125	81.3	7	65.02%
PROP.	125	82	8	65.6%
VOLTAGE DROP:	1.36%			
FLUCCER FACTOR:	N/A			
PRI. CIRCUIT:	ARVANA 16KV			

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED	<input type="checkbox"/>
PWRD 88 REQUIRED	<input type="checkbox"/>
UG CIVIL ONLY WORK ORDER	<input type="checkbox"/>
PERMIT REQUIRED	<input type="checkbox"/>
PERMIT TYPE:	
OUTAGE REQUIRED	<input checked="" type="checkbox"/>
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	<input type="checkbox"/>
PED. TRAFFIC CONTROL REQ'D	<input type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>
ENVIRONMENTAL CLEARANCE REQ'D	<input type="checkbox"/>
CSD 140 (TLM) REQ'D	<input type="checkbox"/>

STREET LIGHT POLE DETAILS

CROWN CASTLE NG WEST
PROJECT # ATTRB06

APPROVED
CITY OF IRVINE
CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

CROWN
CASTLE
200 SPECTRUM CENTER DRIVE
SUITE 1900
IRVINE, CA 92618

JACOBS
Telecommunications, Inc.
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
PHONE: 949.224-7500

REGISTERED PROFESSIONAL ENGINEER
No. 841158
FRANCIS Q. DONG
STATE OF CALIFORNIA

UNDERGROUND SERVICE ALERT
TOLL FREE
811
www.call811.com

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SITE INFO		
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CLIENT ID:	CRAN_FLOS_00005_06	
HUB ID:	177954	
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277	

SHEET TITLE		
STREET LIGHT POLE DETAILS		
SHEET NO.		

REV.	DATE	DESCRIPTION	DRN.	APPR.
A	3/2020	CORRECTED DIM	KB	

"F" LEVEL CONFIG CODES		"P" LEVEL CONFIG CODES	
OPTION CLASS	ENTRY	OPTION CLASS	ENTRY
COATING	1	MIX	B1
HH COVER	43338G	FINISH	3
ADDTL HH	66521E	BASEPLATE	5339E SPECIAL
DOOR SCRS	STD	COLLAR	65832E OCT
MISC. MOD	MODFE NOTE 7	POLE TOP CON.	MOD93-1
		SPL. POLE LG.	MODM
		CAST-IN MOD	MOD54M
		STRUCTURE	MODDCMS NOTE 8

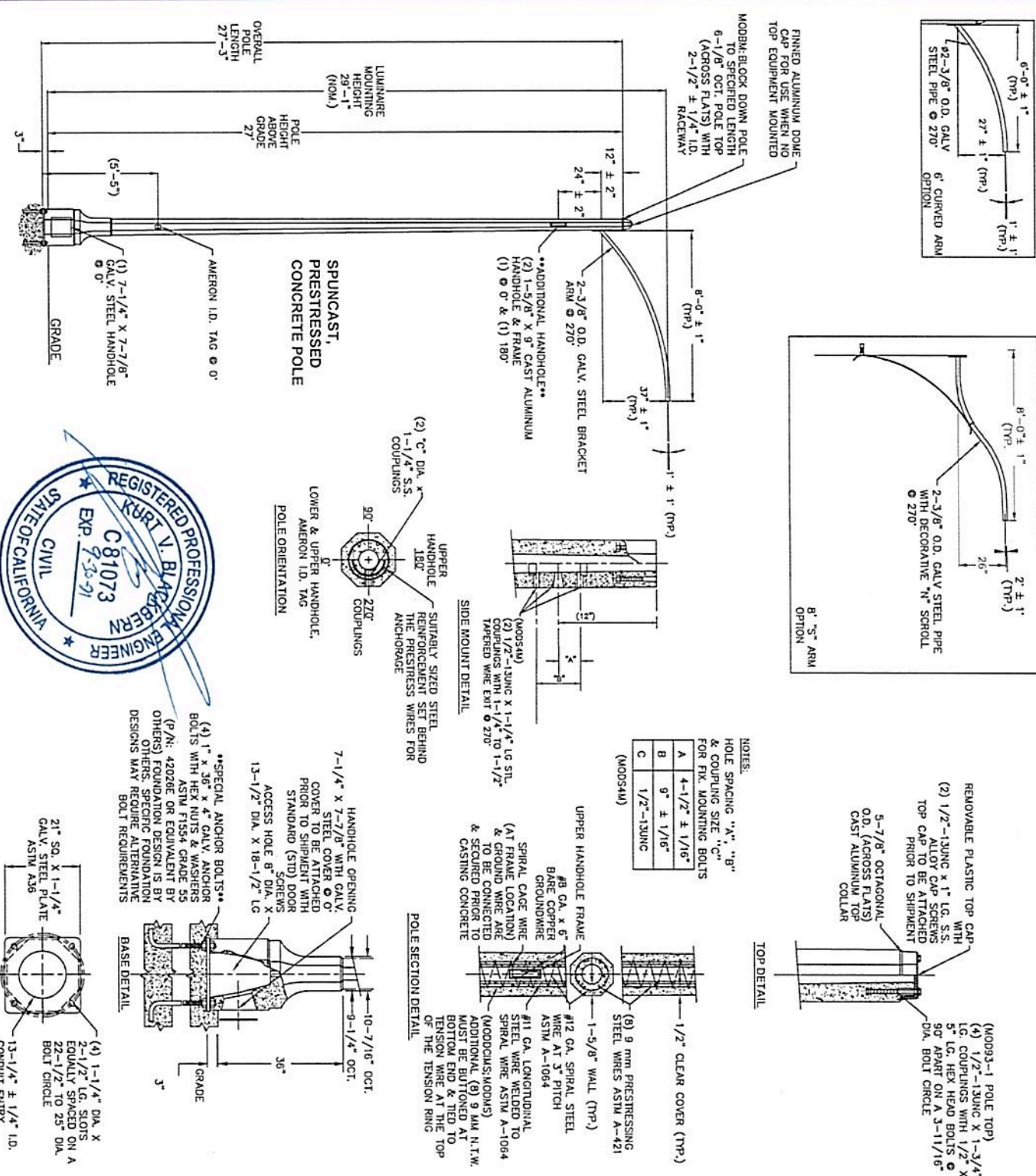
POLE DESIGN-NATION	POLE HEIGHT ABOVE GRADE	OVERALL POLE LENGTH	BOLT CIRCLE	BASE O.D.	ULTIMATE G.L. MOMENT (ft. lbs.)	POLE WEIGHT (lbs.)
MOD93-1	27'-0"	27'-3"	23"	20"	43,600	1,465

DECORATIVE BASE BASE PLATE OCTAGONAL POLE

(1) 8 GALVANIZED STEEL ARM (PIN: TBD)
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CROWN CASTLE VARIOUS CITIES, CA		
BRACKET ARM ASSEMBLY		
CB05X09.5SPL POLE W/ 8" SINGLE, 6" SINGLE OR 8" DECORATIVE		
DRAWN: K.B. DATE: 03/06/2020		
SCALE: N.T.S.		
DWG. NO. 2003-018		
REV A		

REGISTERED PROFESSIONAL ENGINEER
KURT V. BLANKENBERG
C81073
EXP. 9-30-21
CIVIL
STATE OF CALIFORNIA



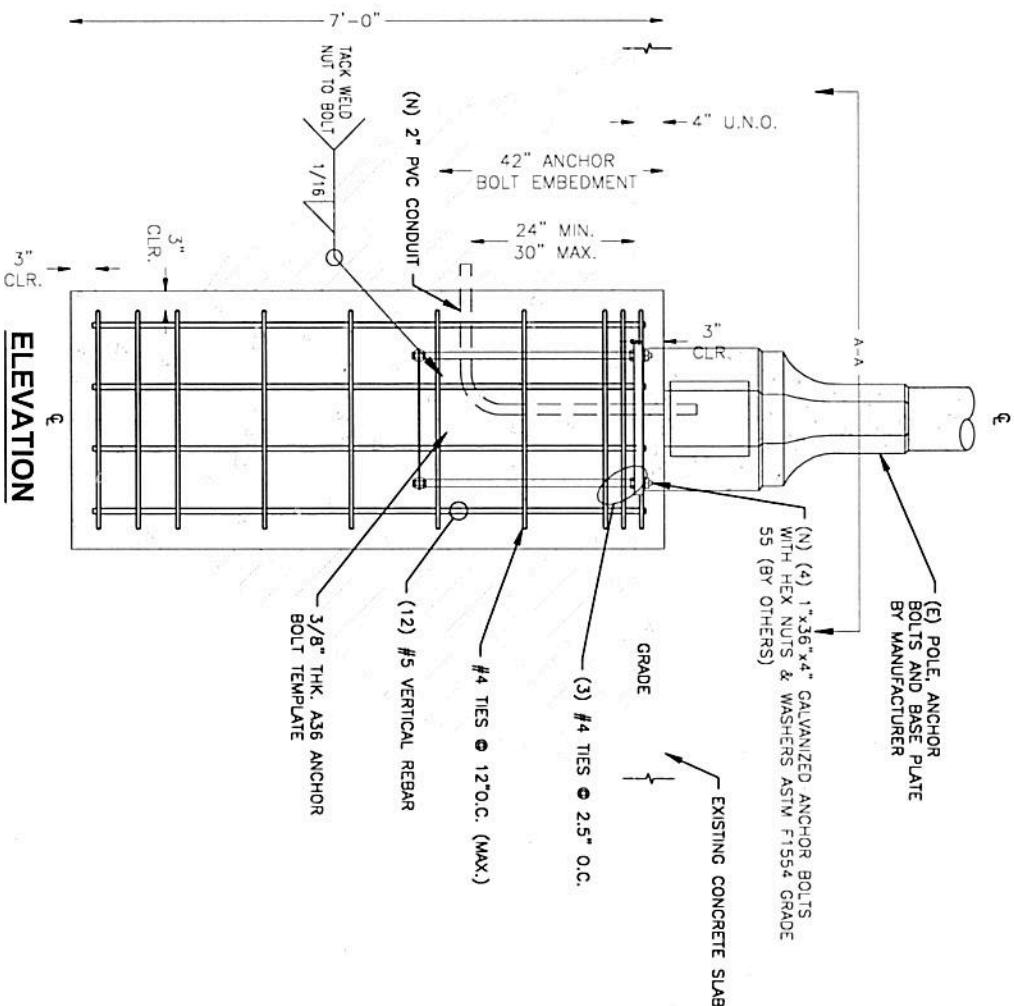
STREET LIGHT POLE DETAILS

11"x17" SCALE: N.T.S.
24"x36" SCALE: N.T.S.

CROWN CASTLE NG WEST
PROJECT# ATTB06

REINFORCED CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318-14, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN & CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF $f'_c = 4000$ PSI WITHIN 28 DAYS.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A 615 GRADE 60, DEFORMED UNLESS NOTED OTHERWISE.
4. A CHAMFER OF $3/4"$ SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.
5. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR:
CONCRETE CAST AGAINST EARTH..... $3"$
CONCRETE EXPOSED TO EARTH OR WEATHER..... $2"$
#6 AND LARGER..... $2"$
#5 AND SMALLER & W.W.F..... $1-1/2"$
6. INSTALLATION OF CONCRETE ANCHORS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS. THE ANCHOR BOLTS, DOWEL OR RODS SHALL CONFORM TO THE ANCHOR MANUFACTURER'S SPECIFICATIONS FOR MATERIAL STRENGTH, EMBEDMENT DEPTH, SPACING, AND EDGE DISTANCE OR AS DETAILED ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD, HILTI OR APPROVED EQUAL. IF THE MANUFACTURER'S SPECIFICATIONS AND DETAILS ARE FOUND TO CONFLICT WITH THAT SHOWN HEREIN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
7. MECHANICAL VIBRATION IS REQUIRED ON FOUNDATION TO REDUCE THE HONEYCOMB EFFECT UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION MANAGER.
8. CONTRACTOR SHALL NOTIFY MOBILE CPU AND CITY INSPECTOR ASAP IF A STEEL PLATE IS REQUIRED FOR THE EXCAVATED HOLE.
9. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO EXCAVATION. IF NECESSARY UTILITIES SHALL BE RELOCATED PRIOR TO FOUNDATION MODIFICATION. UTILITIES NOT TO BE ENCASED IN CONCRETE.
10. ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL & FREE FROM ANY LOOSE UNSUITABLE MATERIAL OR FROZEN SOILS, & WITHOUT THE PRESENCE OF POUNDING WATER. DEMATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
11. SOIL PARAMETERS PER 2016 IBC, TABLE 1806.2
ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF
ALLOWABLE LATERAL BEARING PRESSURE: 100 PSF WITH $1/3$ INCREASE FOR SHORT-TERM WIND AND EARTHQUAKE LOADS



BILL OF MATERIALS

QTY	LENGTH	DESCRIPTION
12	7'-0" ±	#5 VERTICAL BARS
10	8'-0" ±	#4 REBAR TIES
1.92 ±	-	4000 PSI NORMAL WEIGHT CONCRETE CUYD
4	48"	ASTM F1554 GR. 55 ANCHOR RODS

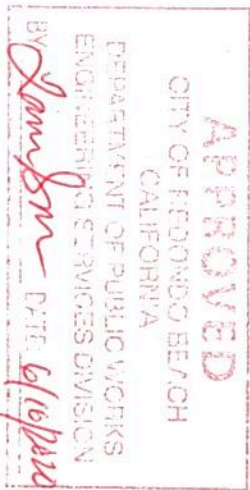
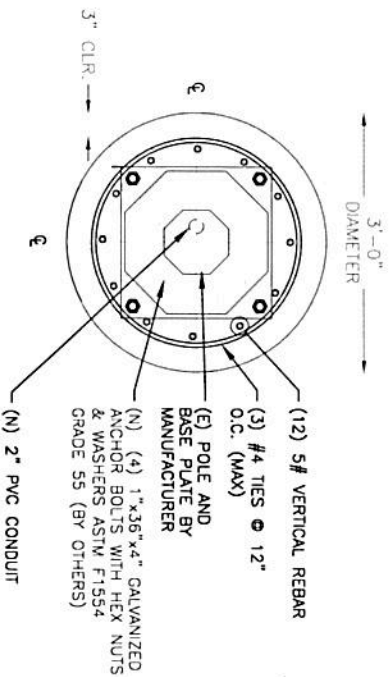
*MINIMUM BEND DIAMETER OF REBAR SHOULD BE UTILIZED. USE 4Db U.N.O.

NOTE:
SEE GENERAL NOTES FOR ADDITIONAL FOUNDATION NOTES.

NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT (SEPARATE DOCUMENT) FOR ADDITIONAL STRUCTURAL INFORMATION.

NOTE:
WHEN FOUNDATION IS INSTALLED ON EXISTING SLAB, CONTRACTOR TO FIELD VERIFY HEIGHT ABOVE GRADE REQUIRED.

PLAN A-A



FOUNDATION DETAILS

11"x17" SCALE: N.T.S.
24"x36" SCALE: N.T.S.

1



REVISIONS			
REV	DATE	DESCRIPTION	BY
00	10-23-19	90% CD - FOR CC REVIEW	RU
01	04-06-20	100% CD - NOI COMMENTS	FD
02	05-08-20	100% CD - NOI COMMENTS	FD

SITE INFO			
MODE ID:	ATTB06		
CLIENT ID:	CRAN_PLOS_00005_06		
HUB ID:	177954		
SITE ADDRESS:	317 TORRANCE BLVD. REDONDO BEACH, CA 90277		

FOUNDATION DETAILS	
SHEET TITLE	
SHEET NO.	

S-1

EXHIBIT B

LICENSEE'S INSURANCE OBLIGATIONS

(a) Required Insurance Policies and Limits

Licensee shall carry and keep in effect at all times during the Term, at Licensee's sole cost and expense, insurance policies with coverage and limits as stated below. The required limits may be met by a combination of primary and excess or umbrella insurance.

(1) Commercial General Liability Insurance

Licensee shall carry and maintain commercial general liability insurance (including premises operations; explosion, collapse and underground hazard; broad form property damage; products/completed operations; contractual liability coverage; independent contractors; and personal injury) with a combined single limit for each occurrence of not less than Five Million Dollars (\$5,000,000) and an aggregate limit of not less than Ten Million Dollars (\$10,000,000).

(2) Workers' Compensation Insurance

Licensee shall carry and maintain workers' compensation insurance per California statutory limits with Employer's Liability Limits of One Million Dollars (\$1,000,000) policy limit per each accident/disease/employee.

(3) Commercial Automobile Liability Insurance

Licensee shall carry and maintain commercial automobile liability insurance, for owned, non-owned and hired autos, with a combined single limit for bodily injury and property damage of not less than Two Million Dollars (\$2,000,000) combined single limit per accident for bodily injury and property damage.

(4) "All Risk" Property Insurance

Licensee shall carry and maintain property insurance coverage for perils usual to a standard "all risk" insurance policy that covers all Licensee's Equipment within the Streets, and with limits equal to the cumulative replacement value for all such Equipment. This coverage may be partially or wholly self-insured.

(b) Required Endorsements

Commercial General Liability Insurance and Commercial Automotive Liability Insurance policies must contain the following endorsements (as applicable) or have the equivalent coverage: (1) name the City, its officers, agents, employees and volunteers as additional insureds as respects this License; (2) that such policies are primary insurance to any

other insurance available to the additional insureds with respect to any Claims that may be caused, in whole or in part, by connection with this License; (3) that such insurance applied separately to each insured against whom a Claim is made or brought, except with respect to limits; (4) that such policies provide for the severability of interests and that an act or omission of one of the named insureds that would void or otherwise reduce coverage shall not void or otherwise reduce coverage below the minimum requirements in this **Exhibit B** as to any other named insured; and (5) that such policies shall afford coverage for all Claims based on acts, omissions, for bodily injury or property damage that occurred or arose (or the onset occurred or arose) in whole or in part during the policy period.

The City's additional insured status shall not extend to claims for punitive or exemplary damages arising out of the acts or omissions of City, its employees, agents or independent contractors or where such coverage is prohibited by law.

All insurance policies required to be maintained by Licensee under this License shall be endorsed to provide written notice of cancellation for any reason, including without limitation intent not to renew or reduce coverage excluding non-payment of premium to both Licensee and the City. In the event that Licensee receives a notice of intent to cancel or notice of cancellation for any coverage required under this License, Licensee shall forward such notice to the City within two business days and promptly take action to prevent cancellation, reinstate cancelled coverage or obtain coverage from a different insurer qualified under Section (f) to this **Exhibit B**.

All insurance policies required to be maintained by Licensee under this License shall contain a standard separation of insureds provision. No insurance policies required to be maintained by Licensee under this License may contain any special limitations on the scope of protections to the City or any Indemnified City Party.

(c) Claims-Made Policies

In the event that any required insurance under this License is provided under a claims-made form, Licensee shall continuously maintain such coverage throughout the Term and, without lapse, for three years after this License expires or terminates, to the effect that, should any event during the Term give rise to a Claim brought after this License expires or terminates, such Claims will be covered under Licensee's claims-made policies. The provisions in this Section shall survive this License's expiration or termination.

(d) General Aggregate Limit

The general aggregate limit for any required insurance under this License must be double the per-occurrence or Claims limits specified in Section (a) to this **Exhibit B** when coverage includes a general annual aggregate limit or provides that Claims investigation or legal defense costs will be included in such general annual aggregate limit.

(e) Certificates

On or before the Effective Date, Licensee shall deliver to the City insurance certificates and endorsements from Licensee's insurance providers in a form reasonably satisfactory to the City that evidences all the required coverages under this License. In addition, Licensee shall promptly deliver to the City all certificates and required endorsements after Licensee receives a request from the City.

(f) Insurer Qualifications

Licensee's insurance providers must be eligible to do business in California and must meet or exceed an A.M. Best's Key Rating A-VII or its equivalent. Any other insurance providers shall require the prior approval by the City's Risk Manager, which approval may be refused in the City's Risk Manager's sole discretion.

(g) Waiver of Subrogation

Licensee and Licensee's insurers each hereby waives any right of recovery against the City for any loss or damage sustained by Licensee with respect to the License Area, in whole or in part, the contents on, under, above or within the License Area or any operation therein, whether such loss is caused by the City's fault or negligence or not, and to the extent such loss or damage is covered by insurance obtained by Licensee under this License or is actually covered by insurance obtained by Licensee. Licensee agrees to cause its insurers to issue appropriate waiver of subrogation rights endorsements to all policies relating to the License Area, but the failure to obtain any such endorsement will not affect the waivers in this Section.

(h) Prohibition Against Self-Insurance Alternatives

Except with respect to the All-Risk Property Insurance requirements Licensee shall not be permitted to meet its insurance obligations under this License through self-insurance without prior written consent from the City, which the City may withhold in its sole discretion for any or no reason. In the event that the City consents to allow Licensee to self-insure as an alternative insurance program, such consent will not be deemed: (1) an amendment or implied waiver to any other requirement in this License; (2) to extend to any assignee or successor to Licensee; or (3) to waive or lessen Licensee's obligation to comply with Section (i) to this **Exhibit B**.

(i) Contractor's Bonds and Insurance

Licensee shall ensure that any person or entity performing work or service on Licensee's behalf or for Licensee's benefit pursuant to this License within the Streets or on any City Property shall secure or provide all bonds and insurance required to be secured or provided by Licensee under this **Exhibit B**, and shall provide the City with evidence to show such bonds or insurance exist before the City issues any permits for such work. In the event that any applicable Law imposes any bonding or insurance requirements on

Licensee's contactors or subcontractors that are more protective to the City's interests, such requirements shall control over the requirements in this **Exhibit B**.

(j) City's Right to Terminate

The City may elect, in its sole and absolute discretion, to terminate this License on written notice to Licensee if Licensee allows any required insurance coverage to lapse and does not reinstate the lapsed insurance coverage within three days after Licensee receives such written notice.

(k) No Limitation on Licensee's Indemnification Obligations

Licensee's insurance obligations under this **Exhibit B** in no way relieves, decreases or modifies Licensee's liability or Licensee's obligations to indemnify, protect and hold the City and any Indemnified City Parties harmless under any other provision in this License.

(l) Contractor's Insurance is Primary

The policies required by this **Exhibit B** shall constitute primary insurance as to the City, its officers, agents, employees and volunteers, so that any other policies held by the City shall not contribute to any loss under said insurance.