

SD Real Estate
Assets
City Consent Application

For installation / modification of Telecommunication antenna facility on City owned property

07/12/18

Date

The City of San Diego
Real Estate Assets Department
1200 Third Avenue, Suite 1700
San Diego, California 92101

RE: Site Name Riviera Del Sol Neighborhood Park Project # SD74XC080

Site Address: 4536 Riviera Shores Street, San Diego (the "Property")

Agreement: Agreement dated _____ (the "agreement") between The City of San Diego ("City") and Sprint PCS Assets ("Lessee" or "Permittee").

Sprint PCS Assets is seeking Consent from the City to perform the following to the above referenced site:

- ☒ Modify, upgrade or changes to existing equipment or Site as describe in the attached plans / photos.
- ☐ Installation of a New Wireless Communication Facility on City owned property.
- ☐ Apply for new Permit/New Agreement on existing facility - **NO** modifications or changes to Existing equipment or site.

Describe proposed project below:

Install (9) new panel antennas
Remove (3) existing antennas
Install (15) new RRHs
Install (1) new junction box
Install (2) AMOB top of existing BBU cabinet

Pursuant to Improvements and Alterations section of the above referenced agreement, "Lessee / Permittee shall not construct any improvements, structures or installations of the Premises or make any alterations to the Premises (with the exception of equipment replacement or repairs) without City's prior written approval."

In order to comply with such requirements, Sprint PCS Assets would like to request City's consent to submit to Development Services Department for review of the proposed items above.

Sincerely, Carie Thao, Md7 LLC agent for Sprint

Applicant Signature: Carie Thao

☐ A one-time, **non-refundable Processing Fee** (\$4,920 for long term agreements - \$980 for Short term or ROE Permits) payable to City Treasures, MUST be paid at the time of application. This fee applies even if the agreement is never executed.

City Parks & Rec. Department has provided its consent and approval to allow applicant to submit application for Required Permits needed for the proposed items listed herein, **with the understanding that the Department will be allowed to review the improvement plans prior to any permits being issued** and that a pre-construction meeting will be conducted with staff before any work begins, if required.

8/7/18 David Monroe Deputy Director
Date Print Name & Title

[Signature]
Signature

City of San Diego, acknowledgement and consent for Riviera Del Sol Neighborhood Plan
Site Location

8/8/18 Cybele Thompson, Director
Date Print Name & Title

[Signature]
Signature

For READ ONLY

- ☐ Approved and Stamped plans received and attached
☐ Scan as Amendment to Agreement when executed
☐ Processing fee received



Real Estate
Assets



PROJECT: DO MACRO PROJECT DEPLOYMENT
SITE NAME: OTAY MESA PARK
SITE CASCADE: SD74XC080
SITE ADDRESS: 4536 RIVIERA SHORES STREET
SAN DIEGO, CA 92154
SITE TYPE: MONOPINE

SITE INFORMATION

PROPERTY OWNER:

OWNER: CITY OF SAN DIEGO
ADDRESS: 202 C STREET
SAN DIEGO, CA 92101
CONTACT: KAREN LYNCH
PHONE: (619) 446-5351

LATITUDE (NAD83):

32° 34' 16.64" N
(32.571288°)

LONGITUDE (NAD83):

117° 02' 14.52" W
(-117.037367°)

APN:

631-292-02

COUNTY:

SAN DIEGO

ZONING JURISDICTION:

CITY OF SAN DIEGO

ZONING DISTRICT:

OP-1-1

POWER COMPANY:

SOUTHERN CALIFORNIA EDISON

AAV / TELCO PROVIDER

CHARTER

SPRINT CM:

NAME: MIKE SEBESTA
PHONE: (760) 644-1027
MICHAEL.SEBESTA@SPRINT.COM

ARCHITECT:

DCI PACIFIC
32 EXECUTIVE PARK, SUITE 110
IRVINE, CA 92614

PHONE: (949) 475-1000
FAX: (949) 475-1001

CONTACT: D.K. DO, RA
E-MAIL: DK@DCIPACIFIC.COM

CONTACT: JOHNDAH "BOB" YU, RA
E-MAIL: BOB@DCIPACIFIC.COM

APPLICANT:

SPRINT
3730 FIFTH AVENUE
SAN DIEGO, CA 92103

CONTACT: MAEGAN MURPHY
PHONE: (619) 985-6638
EMAIL: MAEGAN.MURPHY@SPRINT.COM

SPRINT REPRESENTATIVE:

MD7
10580 WEST OCEAN AIR DR. SUITE 300
SAN DIEGO, CA 92130

CONTACT: JERRY KING
PHONE: (858) 964-7427
EMAIL: JKING@MD7.COM

APPROVAL	DATE
P.L.L.	
LANDLORD:	
CONST.	
S/A:	
R/L:	
ZONING:	
ABC:	
R/L:	

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH RESOLVE NOTE AS DRAWINGS ARE BEING REVISED

AREA MAP



LOCATION / AERIAL MAP



PROJECT DESCRIPTION

UPGRADE TO AN EXISTING 'SPRINT' SITE:

- ANTENNAS (9 TOTAL)
 - INSTALL (9) NEW PANEL ANTENNAS
 - REMOVE (3) EXISTING PANEL ANTENNAS
- RRR'S (18 TOTAL)
 - INSTALL (15) NEW RRR'S
 - (3) EXISTING RRR'S TO REMAIN
- TOP HAT MOUNTED ON EXISTING BTS CABINET (NO ELECTRICAL UPGRADE)
- INSTALL (1) NEW JUNCTION BOX
- INSTALL (2) AMOB TOP OF EXISTING BBU CABINET

CODE COMPLIANCE

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

1. 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC)
2. 2016 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2
3. 2016 CALIFORNIA ELECTRICAL CODE
4. 2016 CALIFORNIA MECHANICAL CODE (CMC)
5. 2016 CALIFORNIA ENERGY CODE
6. 2016 CALIFORNIA FIRE CODE (CFC)
7. 2016 CALIFORNIA GREEN CODE
8. 2016 CALIFORNIA REFERENCES STANDARDS CODE
9. APPLICABLE LOCAL CODES

DRAWING INDEX

SHEET	DESCRIPTION
T1	TITLE SHEET
A1	SITE PLAN
A2	EQUIPMENT & ANTENNA LAYOUT PLANS
A3	ELEVATIONS
A4	ELEVATIONS
A5	ELEVATIONS
A6	ELEVATIONS
D1	DETAILS
D2	DETAILS
G1	GROUNDING DETAILS AND NOTES

10 SHEETS TOTAL



REVISIONS:	DESCRIPTION:	DATE:	BY:	Δ
ISSUED FOR BIDS		06/26/16	MC	A
ISSUED FOR 100%		07/02/16	MC	D

OTAY MESA PARK

SD74XC080

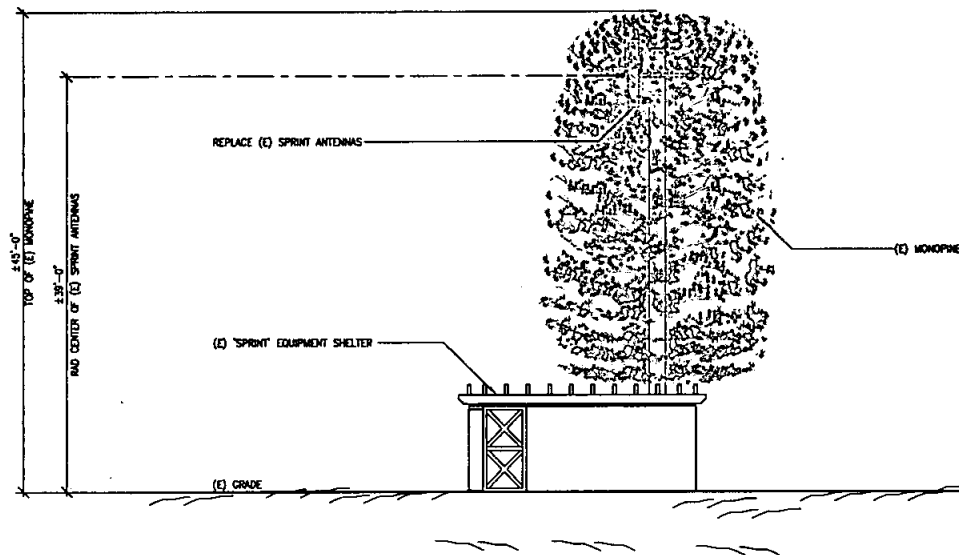
4536 RIVIERA SHORES ST.
SAN DIEGO, CA 92154

TITLE SHEET

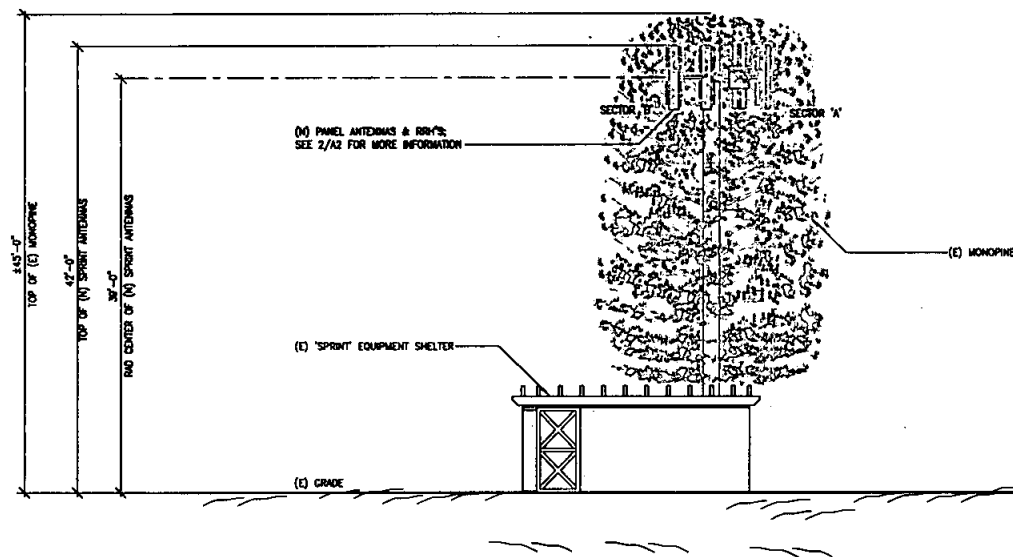
T1



A3



EXISTING EAST ELEVATION



NEW EAST ELEVATION

PLANS PREPARED FOR: -

Sprint 
3730 FIFTH AVENUE
SAN DIEGO, CA 92103

PLANS PREPARED BY: -

DCI PACIFIC
A/E/C WORKS

ARCHITECTURE | ENGINEERING | CONSULTING
32 EXECUTIVE PARK | SUITE 110
SPRING | CA 92614

SAC: -

mc7

ARCHITECT LICENSE: -

[illegible]

SITE NAME:

OTAY MESA PARK

DATE 10/1/80

SD74XC080

SITE ADDRESS:

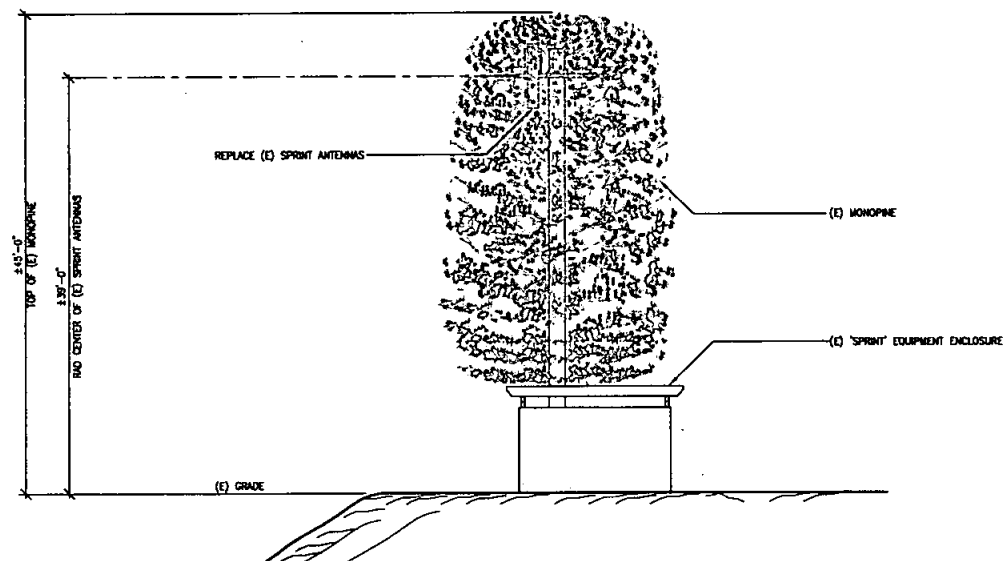
4536 RIVIERA SHORES ST.
SAN DIEGO, CA 92154

BRIEF DESCRIPTION:

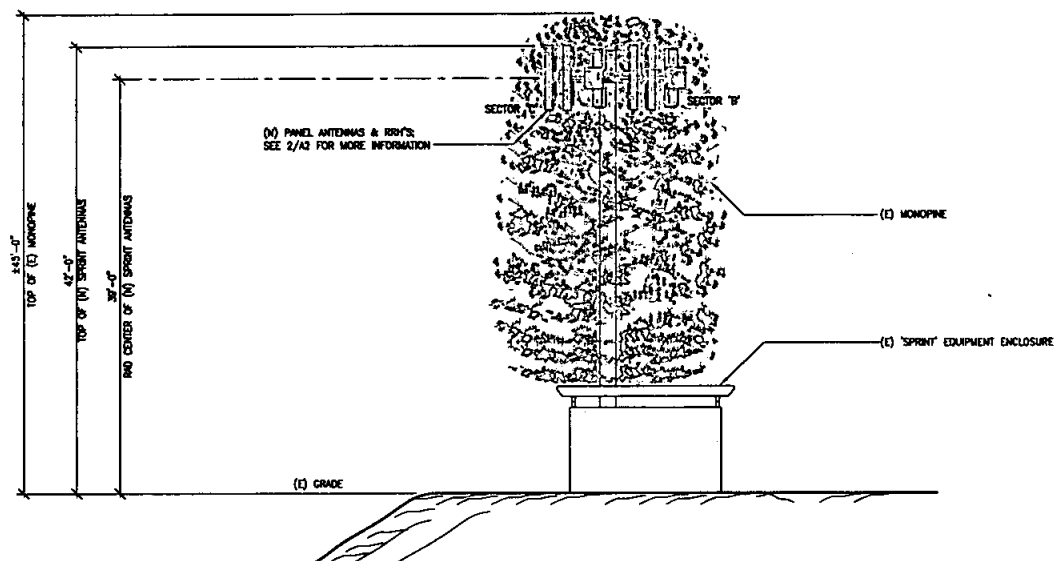
ELEVATIONS

SHEET NUMBER:

A4



EXISTING SOUTH ELEVATION



NEW SOUTH ELEVATION

PLANS PREPARED FOR:

Sprint

3730 FIFTH AVENUE
SAN DIEGO, CA 92103



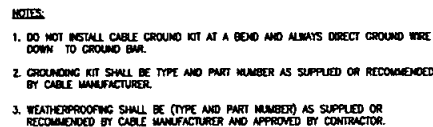
	SCALE:
	3/16" = 1'-0"

SHEET NUMBER: **A6**

SHEET NUMBER: **D1**

SHEET NUMBER:

D2



5



6

Diagram illustrating the lightning protection system for a radio station, showing connections from Antenna(s) to the equipment cabinet and ground.

Antenna Connections:

- TO ANTENNA(S)
- JUMPER REQUIRED ONLY FOR EASE OF CONNECTION (TYP) AND STRESS REDUCTION ON ANTENNA CONNECTORS
- CONNECTOR WEATHERPROOFING KIT, WHERE OCCURS (TYP)
- STANDARD GROUND KIT (TYP) (SEE NOTE 1)
- ANTENNA CABLE TO RSH (TYP)
- MECHANICAL GROUND CONNECTION; CONNECT PER MANUFACTURER'S SPECIFICATIONS

Equipment Cabinet Connections:

- HYBRID CABLE OR FIBER CABLE
- BREAK OUT CYLINDER
- TO EXISTING ANTENNAS, TO REMAIN
- TO EXISTING GROUND BAR AT ANTENNA LOCATION(S)
- #6 AWG STRANDED COPPER WIRE WITH GREEN, BODY, THIN INSULATION, TYP.
- (E) MCB
- (E) MOUNTS CABINET, REFER TO EQUIPMENT LAYOUT PLAN
- 2.5GHz BASE BAND UNIT
- 2.5GHz RECTIFIER
- GROUND ALL UPGRADE EQUIPMENT TO GROUND BAR INSIDE CABINET
- #2 AWG GROUND WIRE
- (E) MCB
- GROUND BAR INSIDE CABINET

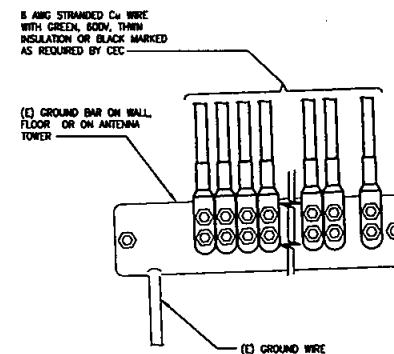
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR
2. FOR TOWER SITES, BOND THE HYBRID CABLE TO THE EXISTING MAIN TOWER GROUND BAR/SYSTEM
3. BOND NEW CABLES TO EXISTING MAIN/MASTER GROUND BAR
4. FOR SITE WITH ICE BRIDGE, BOND NEW CABLES TO EXISTING ICE BRIDGE GROUND BAR
5. ALL GROUND WIRE TO GROUND BAR INSTALLATION SHALL HAVE DOUBLE (2 HOLES) LUG

GROUNDING RISER DIAGRAM

1. ALL GROUNDING ELECTRICAL SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GE'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE CEC.
2. METAL RACEWAY SHALL NOT BE USED AS THE CEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO ITS EQUIPMENT.
3. EACH ITS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR ITS; 2 AWG STRANDED COPPER FOR OUTDOOR ITS.
4. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
5. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
6. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED WITH STAINLESS STEEL HARDWARE TO THE BRIDGE AND THE TOWER GROUND BAR.
7. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
8. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE W/ THE CEC.
9. METAL CONDUIT AND TRAY SHALL BE GROUNDING AND MADE ELECTRICALLY CONTINUOUS WITH LISTED GROUNDING FITTINGS AND CONNECTORS ACROSS THE DISCONTINUITY WITH 6 AWG COPPER WIRE OR APPROVED GROUNDING TYPE CONDUIT CLAMPS.

 GROUND TEST WELL
 GROUND ROD
 COMPRESSION / MECHANICAL TYPE CONNECTION
 CADMIUM TYPE CONNECTION
 GROUND WIRE
 GROUND BAR

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1. APPLY NO-CO₂ TO LUG AND BAR CONTACT SURFACE. DO NOT COAT BILINE LUG
2. IF STOLEN GROUND BARS ARE ENCOUNTERED, CONTACT SPRINT CM FOR REPLACEMENT THREADED ROD KIT

GROUND CONDUCTOR TO GROUND BAR

[illegible]

G1