

City Consent Application

11/15/2016

(Date)

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

RE: Site Address: 10985 Avenida Maria,
San Diego (the "Property")
Site Name: VZW Carmel Resort

Agreement: Lease Agreement, dated 6/1/2011 (the "Lease") between The City of
San Diego ("City") and Verizon Wireless (VAW) LLC d/b/a Verizon Wireless, ("Lessee").

Dear Ms. Charles,

As part of the continuous effort to keep its network up to date, Verizon Wireless
would like to perform the following modifications (changes) as described in the attached
stamped and approved plans, to the site referenced above:

Example:

Antennas: Sector "A": Relocate four (4) six foot antennas from the water tank to the screened enclosure located on top of the equipment shelter; Sector "B": Replace the four (4) existing four foot antennas located on the water tank with six foot antennas. In order to accommodate the larger antennas, the screen boxes will be increased from six feet in length to eight feet.

Equipment: Remove existing Propane Generator. Install one 30KW Diesel Generator in a 12' x 11'4" area. Said area to be enclosed with a ten (10) foot tall CMU block wall..... Said Units to be screened by a four (4) foot tall CMU block wall.

The project proposes to install an emergency generator inside the existing equipment enclosure. No expansion of the equipment enclosure will occur as part of this project.



Real Estate
Assets

Pursuant to Section 9.4, Improvements and Alterations of the Lease Agreement, "Lessee shall not construct any improvements, structures, or installations on the Premises, or make any alterations to the Premises (with the exception of equipment replacements or repairs) without City's prior written approval." In order to comply with such requirement,

Verizon Wireless would like to request City's consent and approval to complete the items described above.

Sincerely,

Shelly A. Kilbourn, PlanCom, Inc., agent for Verizon Wireless

City Public Utilities department has provided it's consent and approval to allow Verizon Wireless to perform the proposed modifications described herein.

11/16/2016
Date

Signature

SAID MAHDAVI

**CITY OF SAN DIEGO, ACKNOWLEDGEMENT AND CONSENT
FOR MODIFICATION OF**

10985 Avenida Maria- Penasquitos Reservoir

(Site Location)

By:

Name:

CAROL THOMPSON

Title:

DIRECTOR, REAL ESTATE ASSETS

Date:

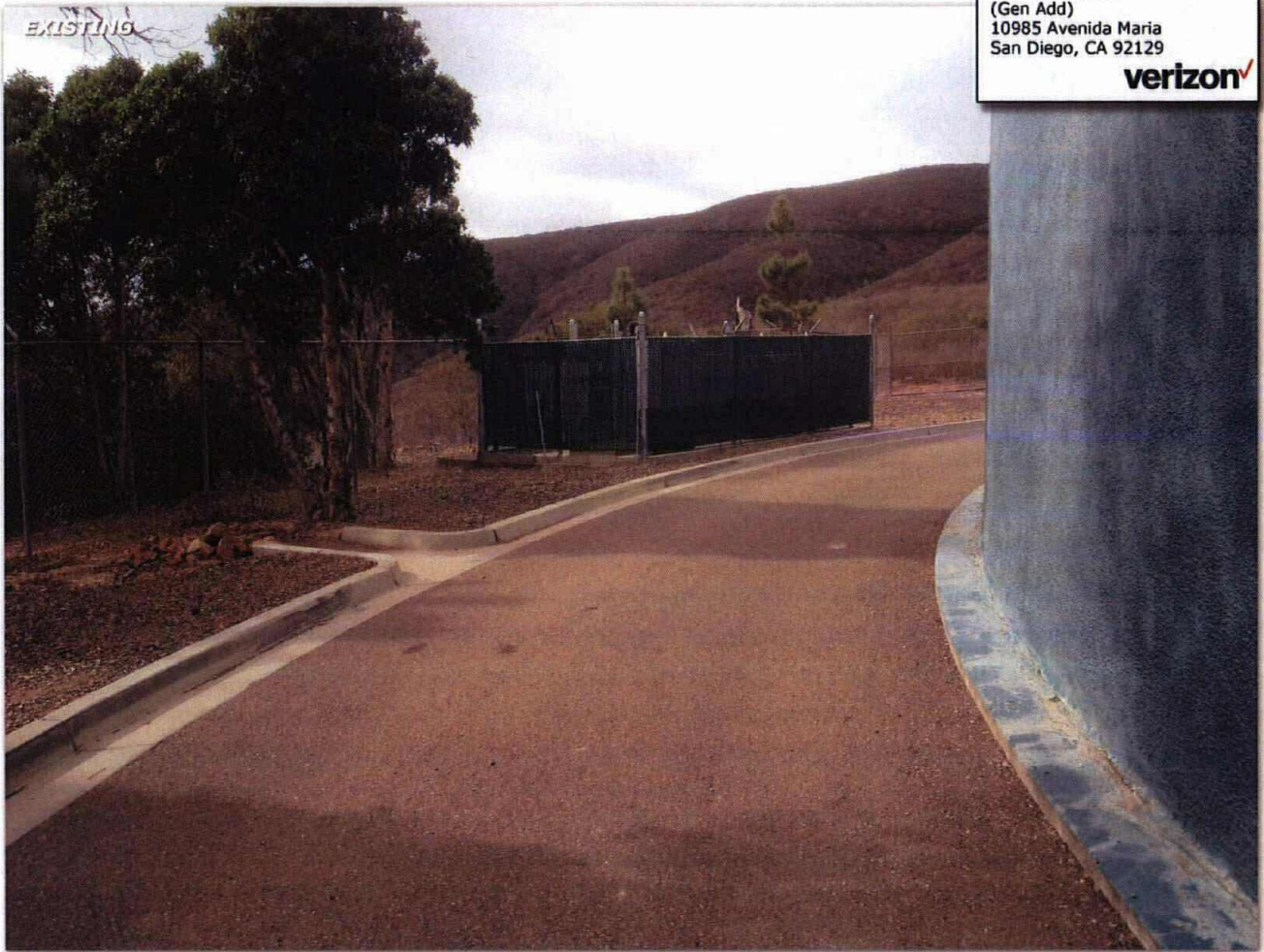
11/16/17



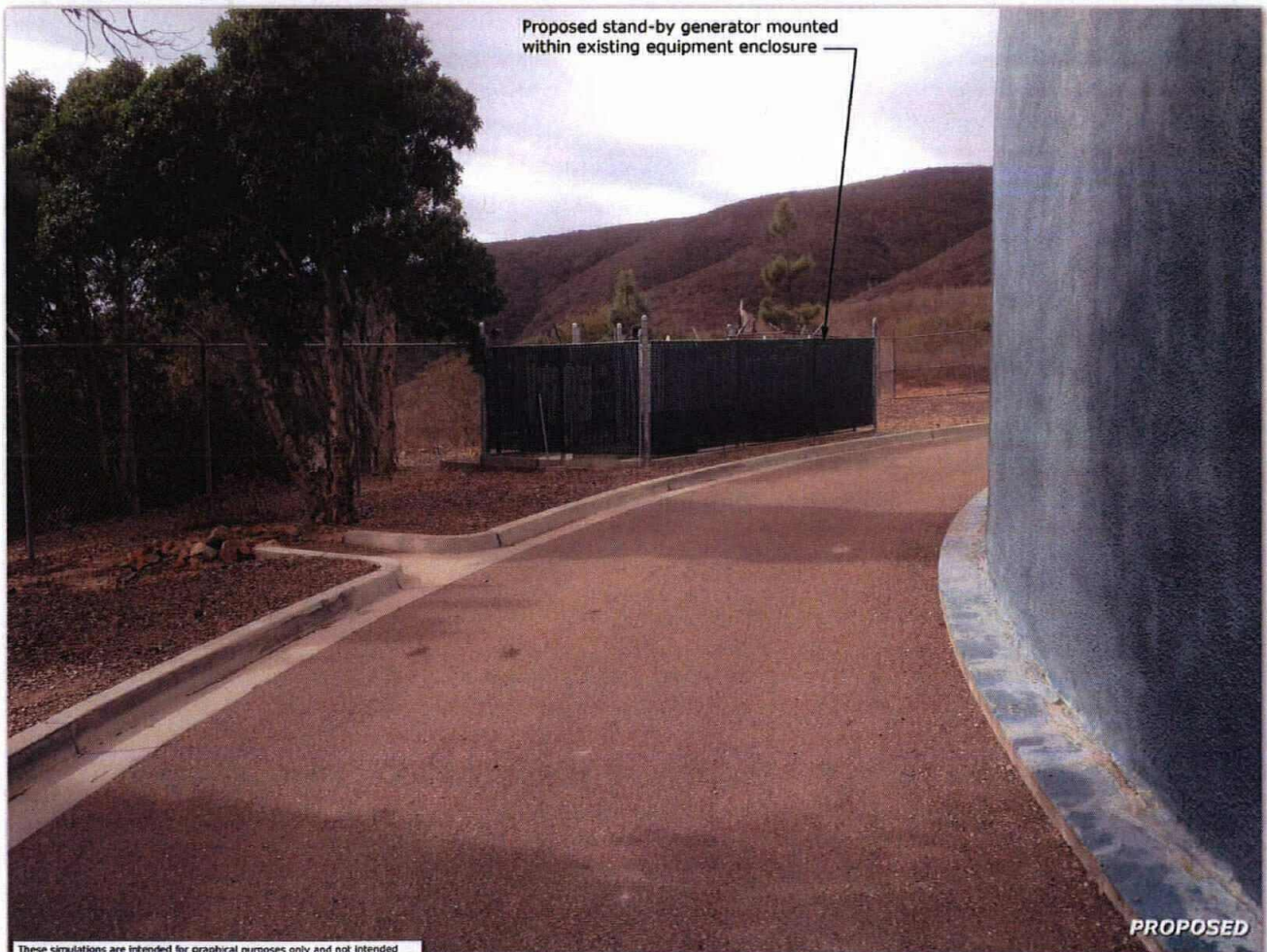
**Real Estate
Assets**

EXISTING

Carmel Resort
(Gen Add)
10985 Avenida Maria
San Diego, CA 92129



Proposed stand-by generator mounted
within existing equipment enclosure



PROPOSED

These simulations are intended for graphical purposes only and not intended
to be part of or to replace the information provided on the construction drawings
11/14/2016

Photosimulation of proposed telecommunications site



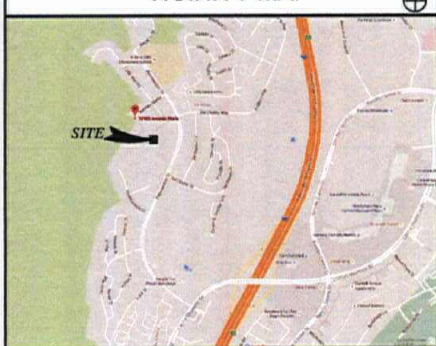
CARMEL RESORT (GEN ADD)
10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

SPECIAL INSPECTIONS

1. CONCRETE	13.1 VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN
2. BOLTS INSTALLED IN CONCRETE	COMPLIANCE WITH THE SOIL ANALYSIS REPORT
3. CONCRETE MOMENT-RESISTING SPACE FRAME	13.2 VERIFY THAT FOUNDATION DIMENSIONS EXTEND TO
4. REINFORCING STEEL AND PRESTRESSING STEEL	PROPER DEPTH AND BEARING STRATA
5. ALL STRUCTURAL WELDING	13.3 PROVIDE SOIL COMPACTION TEST RESULTS, DEPTH OF
6. WELD TENSILE DOUBLE MOMENT-RESISTING STEEL FRAME	REIL, SOIL DENSITY, SOILS VALUED
7. WELDING REINFORCING STEEL	13.4 PROVIDE SOIL COMPACTION TEST RESULTS, COMPACTION
8. HIGH-STRENGTH BOLTING	INDEX, RECOMMENDATIONS FOR FOUNDATIONS, ON-
9. STRUCTURAL WELDING	GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
10. REINFORCED CYCLING CONCRETE	14. SHOCK CORRELATION TESTS
11. REINFORCING CONCRETE FILL	15. SPECIAL CORRELATION TESTS
12. SPRAY-APPLIED FIREPROOFING	16. OFF-SITE FABRICATION OF BUILDING COMPONENTS
13. SELF-HEALING CONCRETE (PUMP, GUNNED & GUNNED)	17. UNDER SPECIAL INSPECTIONS AS REQUIRED BY
14. SHOTCRETE	DESIGNER

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS
1	FOUNDATION ANALYSIS. SEE DETAILS 2 & 4 ON SHEET A-1.
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

VICINITY MAP



CONSULTANT TEAM

CLIENTS REPRESENTATIVE:

VERIZON
10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129
PHONE: (619) 592-7277
CONTACT: JO ANN STODOLSKY

ARCHITECT:

JEFFREY ROME & ASSOCIATES
131 INNOVATION DRIVE
SUITE 100
IRVINE, CALIFORNIA 92617
PHONE: (949) 760-3828
FAX: (949) 760-3831
CONTACT: JEFFREY ROME

DEVELOPMENT SUMMARY

APPLICANT: VERIZON WIRELESS
10985 AVENIDA MARIA
IRVINE, CALIFORNIA 92618

LAND OWNER: CITY OF SAN DIEGO
CITY OF SAN DIEGO
(619) 528-8052
1500 THIRD AVENUE, SUITE 1700
SAN DIEGO, CALIFORNIA 92101

EXISTING USE: COMMERCIAL, UNMANNED WIRELESS FACILITY
PROPOSED USE: COMMERCIAL, UNMANNED WIRELESS FACILITY

OTHER ON-SITE TELECOM FACILITIES: YES
ASSIGNMENT PHASE NUMBER: 313-010-08
EXISTING ZONING: RS-1-14
PROPOSED PROJECT AREA: NO CHANGE TO (C) LEASE AREA S.F.
EXISTING TYPE OF CONSTRUCTION: Y-8
PROPOSED TYPE OF CONSTRUCTION: Y-8
EXISTING OCCUPANCY: S/U
PROPOSED OCCUPANCY: S/U
JURISDICTION: CITY OF SAN DIEGO
LAND USE APPROVAL: PFS NO. 100787

LEGAL DESCRIPTION

PORTION OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 2
WEST, SAN BERNARDINO MERIDIAN IN THE CITY OF SAN DIEGO,
COUNTY OF SAN DIEGO, STATE OF CALIFORNIA ACCORDING TO
OFFICIAL PLAT THEREOF.

PROJECT DESCRIPTION

VERIZON WIRELESS PROPOSES TO MODIFY AN UNOCCUPIED TELECOMMUNICATIONS FACILITY.

- INSTALL (0) 1500+ NATURAL GAS SERVICE TO (0) CONCRETE PAD
- REMOVE (0) EQUIPMENT ENCLOSURE.
- INSTALL (0) NATURAL GAS SERVICE TO (0) STAIR-BY GENERATOR.
- REMOVE AND RELOCATE (0) CROST CABLE.
- REMOVE AND RELOCATE (0) CROST CABLE.
- REMOVE (0) USE CABINET AND RETURN TO VEH.
- RELOCATE (0) GPS ANTENNA.

STRUCTURAL CALCULATIONS NOT COMPLETED

SHEET INDEX

T-1 TITLE SHEET
T-2 SPECIFICATIONS AND NOTES
A-0 SITE PLAN
A-1 ENLARGED SITE PLAN
A-1.1 EQUIPMENT PLAN
A-2 ELEVATIONS
A-3 GENERATOR SPECIFICATIONS
A-4 DETAILS
E-1 SINGLE LINE DIAGRAM
S-1 GROUNDING PLAN & DETAILS

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

CALIFORNIA FIRE CODE, 2013 EDITION
CALIFORNIA BUILDING CODE, 2013 EDITION
CALIFORNIA PLUMBING CODE, 2013 EDITION
CALIFORNIA MECHANICAL CODE, 2013 EDITION
CALIFORNIA ELECTRICAL CODE, 2013 EDITION
CALIFORNIA GREEN BUILDING CODE, 2013 EDITION
IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED WIRELESS PCS TELECOMMUNICATIONS FACILITY
AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

NOTES

THE PROPOSED WIRELESS FACILITY COMPLIES WITH FEDERAL STANDARDS FOR
RADIO FREQUENCIES IN ACCORDANCE WITH THE TELECOMMUNICATIONS ACT OF
1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED
BY THE STATE OR FEDERAL REGULATORY AGENCIES.

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE.
ONLY WHEN THESE DIMENSIONS ARE PRINTED IN A 3/4"X3/4" FORMAT, IF THIS
DRAWING SET IS NOT 3/4"X3/4", THIS SET IS NOT TO SCALE.



architecture | telecommunications
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WHICH RELATES TO VERIZON
WIRELESS IS STRICTLY PROHIBITED.

PREPARED FOR



10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129



APPROVALS

S.F.

ZONING

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

SITE NAME

CARMEL RESORT
(GEN ADD)

10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES
10/07/16 PRELIM CD'S (P1-B1)

SHEET TITLE

TITLE SHEET

T-1

JRA JOB NUMBER: 100624

GENERAL SPECIFICATIONS

- [illegible]

PAINTING NOTES & SPECIFICATIONS

- [illegible]

STRUCTURAL SPECIFICATIONS

- [illegible]



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PREPARED FOR

verizon[✓]

10505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

J.

CHENG

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

BTE NAME

**CARMEL RESORT
(GEN ADD)**

**12885 AVENIDA MIRNA
SAN DIEGO, CALIFORNIA 92129**

00/07/16 PRELIM CR'S (P1-B1)

SHEET TITLE

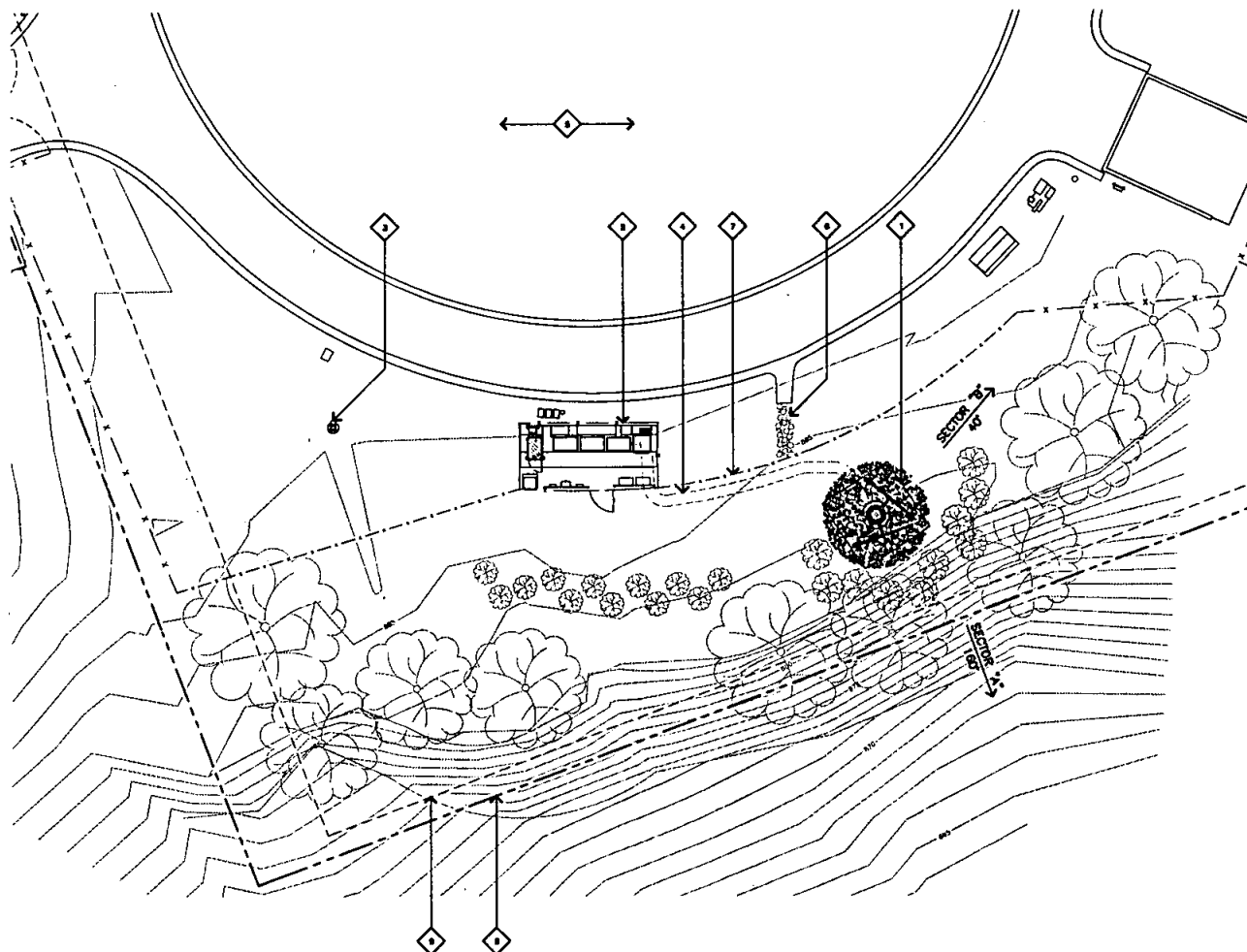
SPECIFICATIONS AND NOTES

T-2

JRA JOB NUMBER: 160524

ENLARGED SITE PLAN KEYNOTES

- 1 (Q) ANTENNA MOUNTED TO (Q) MONOPINE.
- 2 (Q) VEH EQUIPMENT ENCLOSURE SEE SHEET A-1.1.
- 3 (Q) LIGHT SIGNAGE.
- 4 (Q) VEH UNDERGROUND TRENCH.
- 5 (Q) WATER TANK.
- 6 (Q) RP-RAP.
- 7 (Q) CHALKLINE FORCE.
- 8 (Q) PROPERTY LINE.
- 9 (Q) SET BACK.



- NOTE:
1. INTERFERE ALL (Q) INSTALLATIONS WITH (Q) EQUIPMENT.
 2. THE LOCATION OF THE (Q) EQUIPMENT AVAILABILITY AND SPACE SHOULD BE VERIFIED BY THE GC BEFORE INSTALLATION.

ENLARGED SITE PLAN

SCALE: 1"=10' 0 5' 10'



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 11000 SHAW CANYON AVENUE
 IRVINE, CALIFORNIA 92618



APPROVALS

BY: _____

DATE: _____

CONSTRUCTION: _____

SITE ACQUISITION: _____

OWNER APPROVAL: _____

SITE NAME
CARMEL RESORT (GEN ADD)
 10000 ANCHOR AVENUE
 SAN DIEGO, CALIFORNIA 92130

DRAWING DATES
 10/07/16 PROJ# C07 (P1-01)

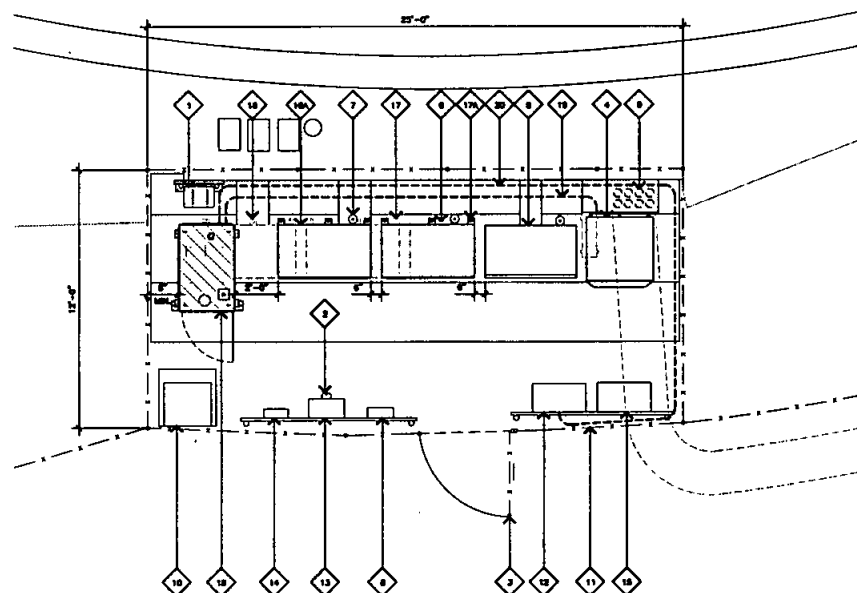
SHEET TITLE
ENLARGED SITE PLAN

A-1

2016.05.10 REVISED 102514

EQUIPMENT PLAN KEYNOTES

- 1 (1) VZW RYDOP.
- 2 (2) VZW MONITOR PLUS BELOW MANUAL TRANSFER SWITCH.
- 3 (3) VZW ACCESS DTE.
- 4 (4) VZW RBA BATTERY/POWER PLANT CABINET.
- 5 (5) VZW LZE CABINET.
- 6 (6) RSE CABINET TO BE REMOVED AND RETURNED TO VENDOR.
- 7 (7) VZW OPS ANTENNA RELOCATED WITH (2) CABINET.
- 8 (8) VZW ELECTRICAL PANEL.
- 9 (9) VZW CONDUIT STUB-UPS.
- 10 (10) VZW ELECTRICAL TRANSFORMER.
- 11 (11) VZW CHAIN LINK FENCE EQUIPMENT ENCLOSURE.
- 12 (12) TELLER PANEL.
- 13 (13) VZW MANUAL TRANSFER SWITCH.
- 14 (14) VZW DISCONNECT.
- 15 (15) VZW PWRK CABINET.
- 16 (16) CH01 CABINET TO BE REMOVED AND RELOCATED.
- 16A (16A) CH01 CABINET RELOCATED.
- 17 (17) CH02 CABINET TO BE REMOVED AND RELOCATED.
- 17A (17A) CH02 CABINET RELOCATED.
- 18 (18) VZW STAND-BY GENERATOR.
- 19 (19) VZW SURFACE MOUNTED CONDUIT FROM (18) GENERATOR TO (2) RBA CABINET.
- 20 (20) VZW SURFACE MOUNTED CONDUIT FROM (18) GENERATOR TO (2) ALARM PANEL BESIDE (2) TELLER BOX.



EQUIPMENT PLAN

SCALE: 3/8"=1'-0"



1

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IRVINE, CALIFORNIA 92618



APPROVALS
BY: _____
ZONING _____
CONSTRUCTION _____
SITE ACQUISITION _____
OWNER APPROVAL _____

SITE NAME
CARMEL RESORT (GEN ADD)
10885 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92126

DRAWING DATE
10/07/16 PRELIM CD'S (P1-B1)

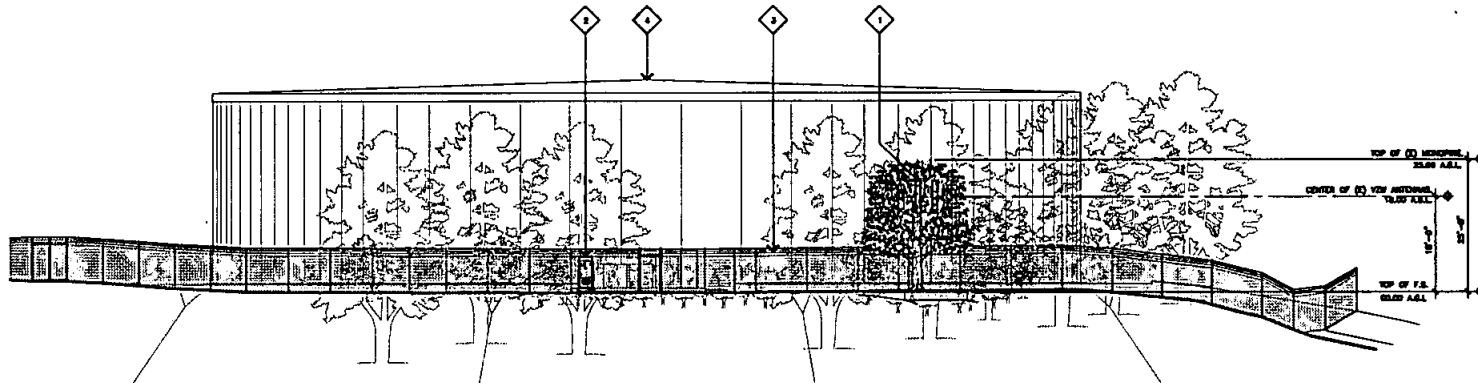
SHEET TITLE
EQUIPMENT PLAN

A-1.1

JOB NUMBER: 140924

ELEVATION KEYNOTES

- 1 (C) VIEW ANTENNAS MOUNTED TO (C) MONOPINE.
- 2 (C) VIEW SCHEMATOR INSIDE (C) VIEW EQUIPMENT ENCLOSURE.
- 3 (C) CHARLUM FENCE.
- 4 (C) WATER TANK.

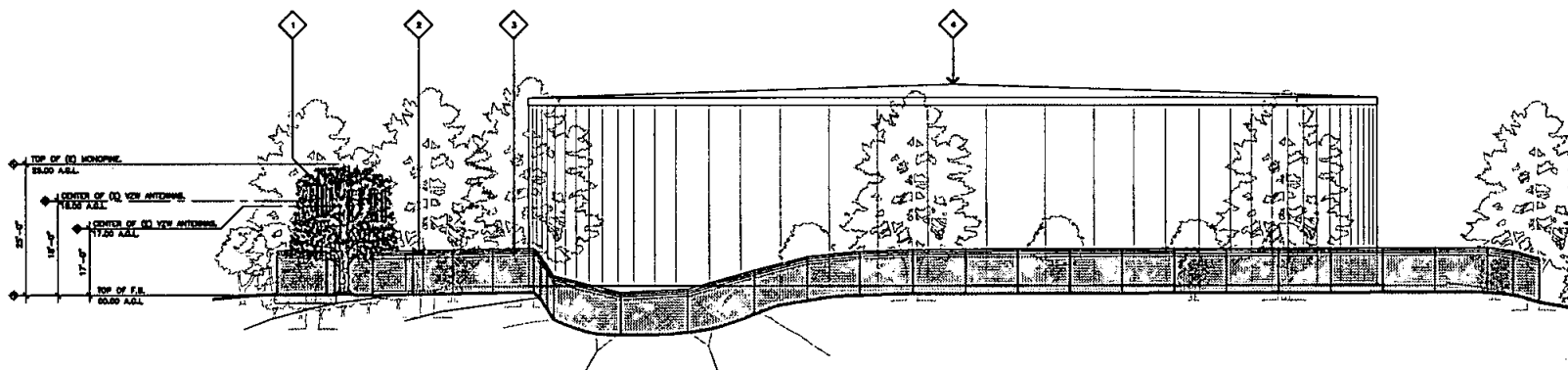


SOUTH ELEVATION

SCALE: 1/8"=1'-0" 0' 4' 8' 2

ELEVATION KEYNOTES

- 1 (H) & (C) VIEW ANTENNAS MOUNTED TO (C) MONOPINE.
- 2 (C) VIEW EQUIPMENT CABINET INSIDE (C) VIEW EQUIPMENT ENCLOSURE.
- 3 (C) CHARLUM FENCE.
- 4 (C) WATER TANK.



EAST ELEVATION

SCALE: 1/8"=1'-0" 0' 4' 8' 1

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10885 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

BY: _____

DATE: _____

CONSTRUCTION: _____

DATE ACQUISITION: _____

OWNER APPROVAL: _____

WITNESS

**CARMEL RESORT
(GEN ADD)**

10885 AVENUE MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATE: 10/07/10
PRELIM COPY (P1-01)

SHEET TITLE

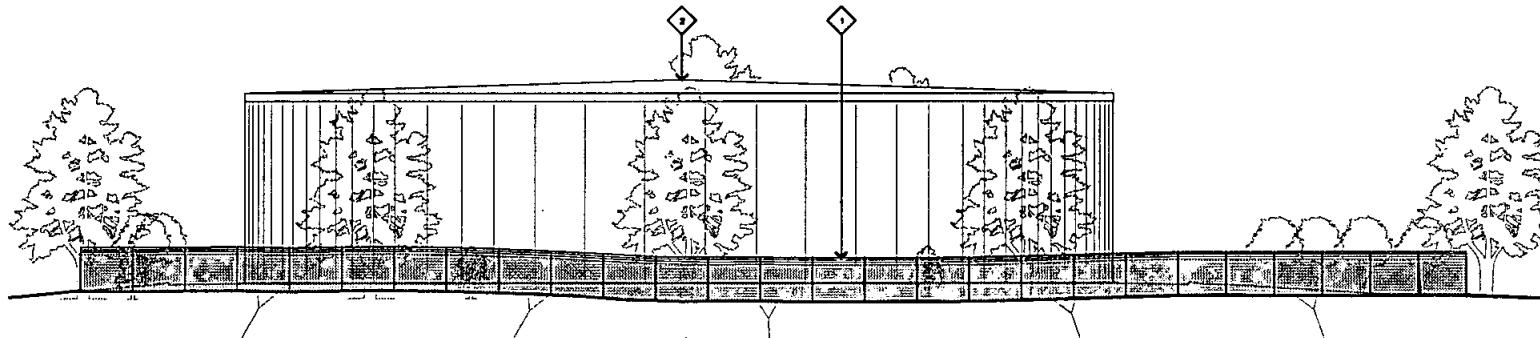
ELEVATIONS

A-2

REA JOB NUMBER: 10064

ELEVATION KEYNOTES

- (1) CHAINLINK FENCE
- (2) WATER TANK

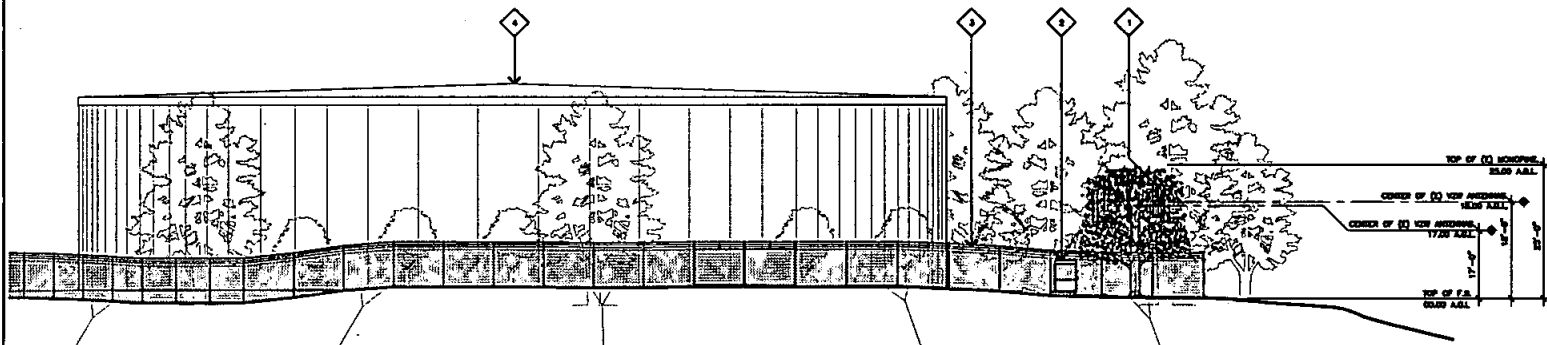


NORTH ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 2

ELEVATION KEYNOTES

- (1) VIEW ANTENNAS MOUNTED TO (2) MONOPINE
- (2) VIEW GENERATOR INSIDE (3) VIEW EQUIPMENT ENCLOSURE
- (4) CHAINLINK FENCE
- (5) WATER TANK



WEST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

Jeffrey Rome
ASSOCIATES

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15500 SHAW CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

RF: _____

ZONING: _____

CONSTRUCTION: _____

SITE ACQUISITION: _____

OWNER APPROVAL: _____

SITE NAME

CARMEL RESORT
(GEN ADD)

15500 SHAW CANYON AVENUE
IRVINE, CALIFORNIA 92618

DRAWING DATE: 10/07/10
PRELIM DATE: (P1-P1)

SHEET TITLE

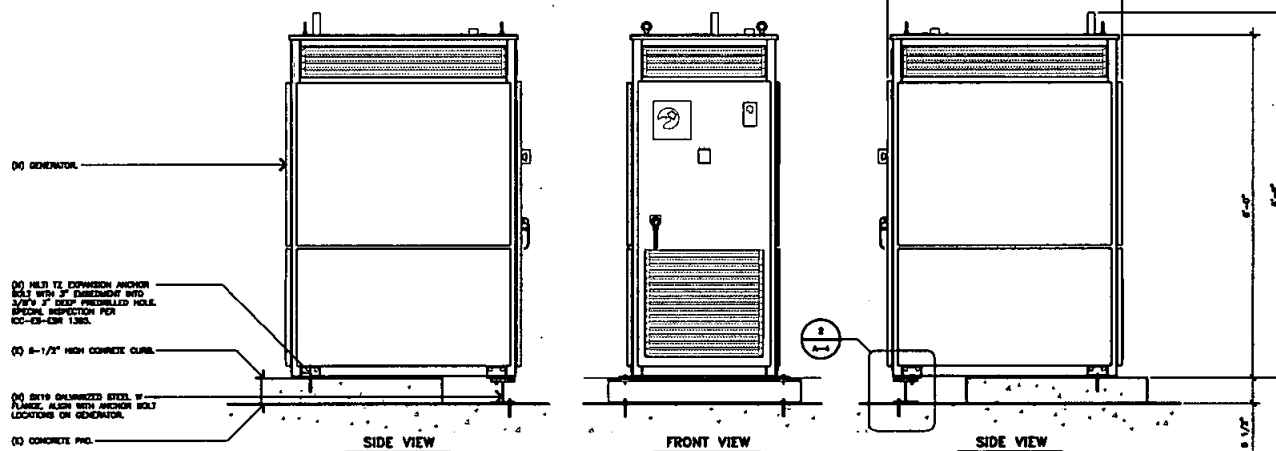
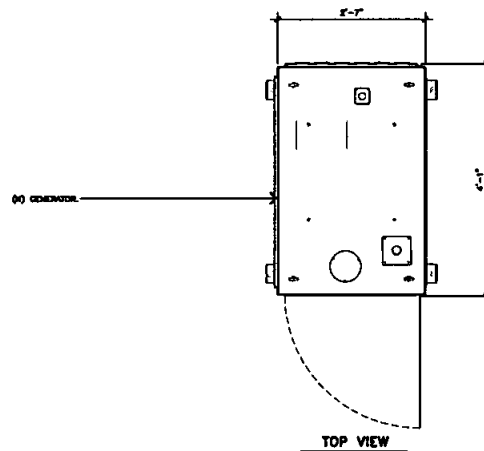
ELEVATIONS

A-2.1

JRA JOB NUMBER: 100524

POLAR POWER 15kW 8220-603-D-15-01 DC GENERATOR

DIMENSIONS: LxWxH 31.00' x 49.38'x78.63'
 VARIABLE RPM: 1800-1800
 TOTAL WEIGHT: 1248 LBS.



NOTE: SEE DETAIL 2/8-03 FOR ANCHORAGE INFORMATION.

GENERATOR SPECIFICATIONS

SCALE: 1"=1'-0" 0.25' 5' 1'

1

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1800 SHAW CANYON AVENUE
 IRVINE, CALIFORNIA 92614



APPROVAL

BY:

DATE:

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

SITE NAME

CARMEL RESORT
 (GEN ADD)

10805 AVONDA MARIN
 SAN DIEGO, CALIFORNIA 92120

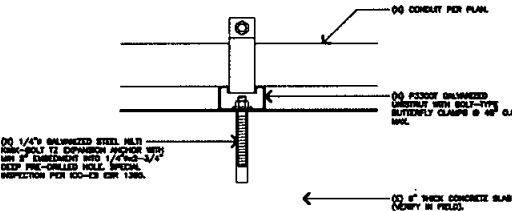
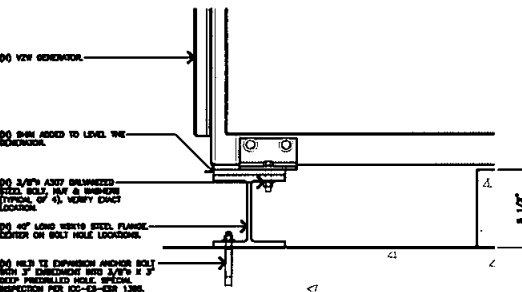
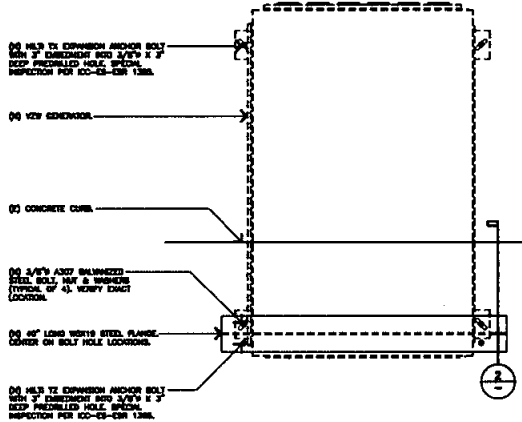
DESIGNED BY: JRM
 10/07/10 PRELIM CDS (P1-01)

SHEET TITLE

GENERATOR
 SPECIFICATIONS

A-3

JPA JOB NUMBER: 180824

	 (D) 1/4" GALVANIZED STEEL NUT — USE-BOLT TO EXPANSION ANCHOR WITH MIN 3" EMBEDMENT INTO 1/2" DIA-3/4" DEEP PRE-DRILLED HOLE. SPECIAL INSPECTION PER ICC-ES ESR 1386. (D) CONDUIT PER PLAN. (D) 1/2" DIA. GALVANIZED STEEL BOLT WITH 3/4"-TYPE BUTTERFLY CLAMP @ 4" O.D. MIN. (D) 6" THICK CONCRETE SLAB (VERIFY IN FIELD).	 (D) VEH GENERATOR. (D) 2" DIA. ADD TO LEVEL THE FOUNDATION. (D) 3/8" A307 GALVANIZED STEEL BOLT, NUT & WASHER (TYPICAL OF 4). VERIFY EXACT LOCATION. (D) 4" LONG W8X10 STEEL FLANGE, CENTER ON BOLT HOLE LOCATIONS. (D) 1/2" X 12" EXPANSION ANCHOR BOLT WITH 3" EMBEDMENT INTO 3/8" X 3" DEEP PRE-DRILLED HOLE. SPECIAL INSPECTION PER ICC-ES ESR 1386.
NOT USED	SCALE: NONE 6 CONDUIT	SCALE: NONE 4 GENERATOR MOUNTING
NOT USED	NOT USED	 (D) 1/2" X 12" EXPANSION ANCHOR BOLT WITH 3" EMBEDMENT INTO 3/8" X 3" DEEP PRE-DRILLED HOLE. SPECIAL INSPECTION PER ICC-ES ESR 1386. (D) VEH GENERATOR. (D) CONCRETE CURB. (D) 3/8" A307 GALVANIZED STEEL BOLT, NUT & WASHER (TYPICAL OF 4). VERIFY EXACT LOCATION. (D) 4" LONG W8X10 STEEL FLANGE, CENTER ON BOLT HOLE LOCATIONS. (D) 1/2" X 12" EXPANSION ANCHOR BOLT WITH 3" EMBEDMENT INTO 3/8" X 3" DEEP PRE-DRILLED HOLE. SPECIAL INSPECTION PER ICC-ES ESR 1386.
NOT USED	SCALE: NONE 5 NOT USED	SCALE: NONE 3 GENERATOR FOOTING DETAIL



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PREPARED FOR

verizon

18000 SAND CANYON ROAD
IRVINE, CALIFORNIA 92618



APPROVALS

BY: _____

DATE: _____

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

SITE NAME

**CARMEL RESORT
(GEN ADD)**

10000 AVONDA MARINA
SAN DIEGO, CALIFORNIA 92119

DRAWING DATES

10/07/16 PROJ. 0076 (P1-01)

SHEET TITLE

DETAILS

A-4

20A JCR NUMBER: 100034

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12000 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS
ELECTRICIAN _____
ZONING _____
CONSTRUCTION _____
SITE ACQUISITION _____
OWNER APPROVAL _____

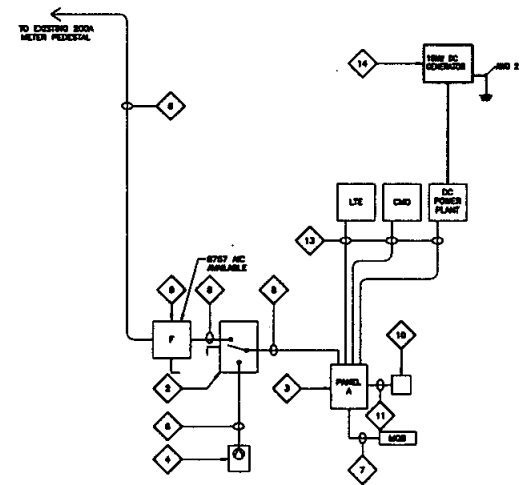
SITE NAME
**CARMEL RESORT
(GEN ADD)**
10885 AMERICA WAY
SAN DIEGO, CALIFORNIA 92139

DRAWING DATES
10/07/16 PRELIM CD'S (P1-B1)

SHEET TITLE
**SINGLE LINE
DIAGRAM**

E-1

JR, JOR, HANSEN, 1/20/24



KEYNOTES

- | | |
|---|--|
| 1 NOT USED | 10 (C) SURGE ARRESTOR. |
| 2 (C) 300 AMPERE, 208 VOLT, 2-POLE, NON FUSIBLE DOUBLE THROW MANUAL TRANSFER SWITCH. | 11 (C) 1-1/2" - 3/4, 1/8 GROUND, CU, 1000/THIN |
| 3 (C) PANEL "N". | 12 NOT USED |
| 4 (C) "MELBANK" PS-812 LUD BOX FOR 300 AMP 120/240 VOLT, SINGLE PHASE, THREE WIRE, GROUND, THREE POLE GENERATOR CONNECTION CIRCLE #8 (R00008) | 13 (C) 1" - 3/8, 1/10 GROUND, CU, 1000/THIN |
| 5 NOT USED | 14 (C) 15kW DC GENERATOR WITH FUSED DISCONNECT SWITCH. |
| 6 NOT USED | |
| 7 (C) 1/2" - 1/8 CU BOND TO MASTER GROUND BAR "MGP" | |
| 8 (C) 3-1/2" - 3/4, 1/8 GROUND, CU, 1000/THIN | |
| 9 (C) 300 AMPERE, 120/208 VOLT, 2-POLE 3-WIRE, HEAVY DUTY FUSED DISCONNECT SWITCH. | |

NOT USED

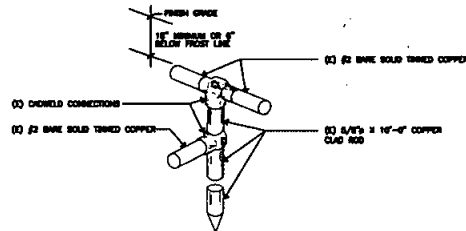
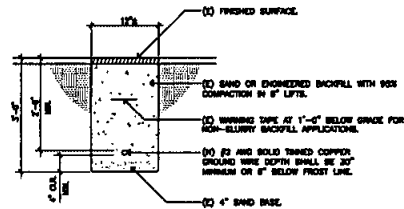
2 SINGLE LINE DIAGRAM

SCALE:
N.T.S.

1

TRENCHING BACKFILL: GENERAL NOTES:

CONTRACTOR CAN INSTALL (1) BACK SLURRY INSTEAD OF SAND BACKFILL IN ALL LOCATIONS.
AT PAVED AREAS, (2) BACK SLURRY MUST BE USED.
WHEN CONDUITS GO BELOW FOOTING OR BELOW CONCRETE, CONDUITS MUST BE INCISED IN 5,000 PSI CONCRETE.



GROUNDING TRENCH

SCALE:
NTS 8

GROUND RING GROUND ROD

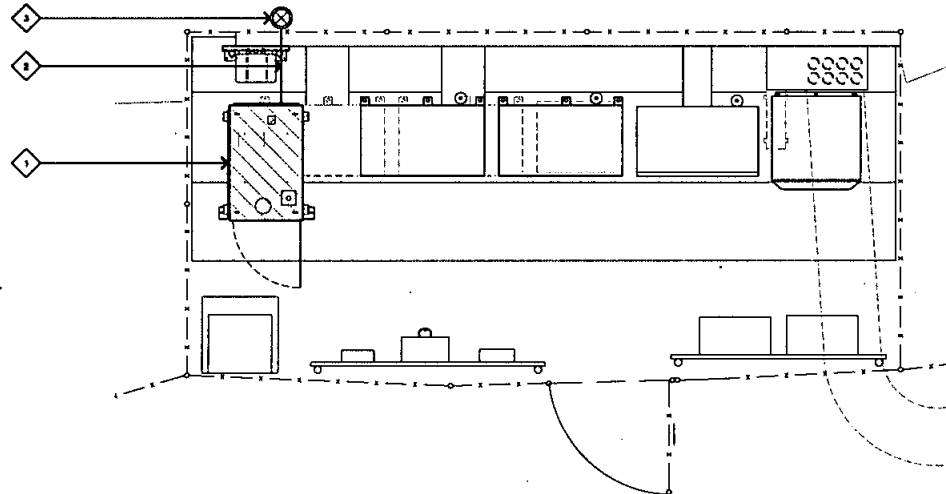
SCALE:
NTS 5

NOT USED

SCALE:
NTS 2

KEYNOTES

- 1 (1) 100W DC GENERATOR
- 2 (2) #2 AND SOLID THINNED COPPER CONDUCTOR IN (2) 1" CONDUIT
- 3 (3) 10T CHEMICAL GROUND ROD



NOT USED

SCALE:
NTS 7

NOT USED

SCALE:
NTS 6

GROUNDING PLAN

SCALE:
NTS 1

Jeffrey Rome | ASSOCIATES
Architecture / Telecommunications
131 Innovation Drive, Suite 200
Irvine, California 92617
Tel 949.760.3929 | Fax 949.760.3931

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO VERIZON WIRELESS IS STRICTLY PROHIBITED.

PREPARED FOR

verizon

12000 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

REV.

DATE

CONSTRUCTION

WIRE ADDITION

OWNER APPROVAL

SITE NAME

CARMEL RESORT
(GEN ADD)

10885 AVONDA MARINA
SAN DIEGO, CALIFORNIA 92139

DRAWING DATES
10/07/10 PRELIM 00'S (P1-01)

SHEET TITLE

GROUNDING PLAN
AND DETAILS

G-1

2010 JOB NUMBER: 100824

City Consent Application

October 13, 2016

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

RE: Site Address: 10985 Avenida Maria, San Diego, CA (the "Property")
Site Name: Carmel Resort
Agreement: Lease Agreement, dated May 4, 2011 (the "Lease") between The City of San Diego ("City") and Verizon Wireless, ("Lessee").

Dear Ms. Charles,

As part of the continuous effort to keep its network up to date, Verizon Wireless would like to perform the following modifications (changes) as described in the attached plans/ drawings, to the site referenced above:

Antennas: Sector "A": Replace (2) existing 4' antennas located on the Monopine with (2) new 6' antennas; Sector "B": Replace (2) existing 4' antennas located on the Monopine with (2) new 6' antennas. Install (2) new RRUs-32 and add (1) A2 backpack to an existing RRUs-12. There will be some faux tree branches that will be replaced and added for concealment.

Equipment: No changes proposed to the existing equipment area

Pursuant to Section 10, Improvements and Alterations of the Lease Agreement, "Lessee shall not construct any improvements, structures, or installations on the Premises, or make any alterations to the Premises (with the exception of equipment replacements or repairs) without City's prior written approval." In order to comply with such requirement, Verizon Wireless would like to request City's consent and approval to complete the items described above.

Sincerely,

Jo Ann Stoddard, agent for Verizon Wireless

City PUD department has provided its consent and approval to allow Verizon Wireless to perform the proposed modifications described herein.

10-24-2016
Date

Signature

SAID MAHDAVI

CITY OF SAN DIEGO, ACKNOWLEDGEMENT AND CONSENT
FOR MODIFICATION OF _____

(Site Location)

By: _____

Name: _____

Cybele Thompson

Title: _____

Director, Real Estate Assets

Date: _____

10/24/16



Real Estate
Assets



2	CONCRETE	13.1	VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
3	REINFORCING STEEL INSTALLED IN CONCRETE	13.2	VERIFY THAT FOUNDATION ELEVATIONS EXTEND TO MINIMUM REQUIRED DEPTH AND MINIMUM REQUIRED WIDTH
4	CONCRETE WOUND-RESTRESSING SPACE FRAME	13.3	PROVIDE SOIL COMPACTION TEST RESULTS, OBTAINED AT FULL RELATIVE DENSITY, BEARING VALUES, ETC.
5	REINFORCING STEEL AND RESTRESSING SPACE	13.4	PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMPRESSION INDEX, ETC.
6	STRUCTURAL	13.5	PROVIDE FOUNDATION DESIGN FOR EACH BUILDING SITE
7	FIELD TESTING BUILT MOMENT-RESISTING STEEL FRAME	13.6	PROVIDE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
8	WELDING REINFORCING STEEL	13.7	SACKLE CONTROL SYSTEM
9	WELDING REINFORCING STEEL	13.8	SPECIAL CASES
10	WELDING REINFORCING STEEL	13.9	OFF-SITE FABRICATION OF BUILDING COMPONENTS
11	STRUCTURAL MASSONRY	14	OTHER SPECIAL INSPECTIONS AS REQUIRED BY
12	REINFORCED CYSPALC CONCRETE		
13	REINFORCED CONCRETE PILE		
14	SPRAY-APPLIED FIRE PROOFING		
15	DEEP FOUNDATIONS (PILING, DRILLED & CAissons)		

[illegible]

CLIENTS REPRESENTATIVE:
TAEQ
5333 MISSION CENTER ROAD, SUITE 2
SAN DIEGO, CALIFORNIA 92108
PHONE: (619) 857-7277
CONTACT: JO ANN STODDARD

JEFFREY ROME & ASSOCIATES
131 INNOVATION DRIVE
SUITE: 100
IRVINE, CALIFORNIA 92617
PHONE: (949) 760-3929
FAX: (949) 760-3931
CONTACT: JEFFREY ROME

WESTERN UTILITY/TELECOM, INC.
5032 SALEM-DALLAS HWY
SALEM, OREGON 97304
PHONE: (503) 587-0101
FAX: (503) 318-1864
CONTACT: ADRIAN MCJUNKIN

PORTION OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 2
WEST, SAN BERNARDINO MERIDIAN IN THE CITY OF SAN DIEGO,
COUNTY OF SAN DIEGO, STATE OF CALIFORNIA ACCORDING TO
OFFICIAL PLAT THEREOF.

APPLICANT: VERIZON WIRELESS
15505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618

LAND OWNER: CITY OF SAN DIEGO
INZA MORENO
(619) 236-6052
1200 THIRD AVENUE, SUITE 1700
SAN DIEGO, CALIFORNIA 92101

EXISTING USE:	COMMERCIAL UNMANNED WIRELESS FACILITY
PROPOSED USE:	COMMERCIAL UNMANNED WIRELESS FACILITY

OTHER ON-SITE TELECOM FACILITIES:	YES
ASSESSORS PARCEL NUMBER:	313-810-08
EXISTING ZONING:	RS-1-14
PROPOSED PROJECT AREA:	NO CHANGE TO (C) LEASE AREA 5.F.
EXISTING TYPE OF CONSTRUCTION:	V-B
PROPOSED TYPE OF CONSTRUCTION:	V-B
EXISTING OCCUPANCY:	B/U
PROPOSED OCCUPANCY:	B/U
JURISDICTION:	CITY OF SAN DIEGO
LAND USE APPROVAL:	PTS NO. 150787

- T-1 TITLE SHEET
- T-2 SPECIFICATIONS AND NOTES
- T-3 LETTER OF AUTHORIZATION
- T-4 PHOTOSHIMS
- A-0 SITE PLAN
- A-1 ENLARGED SITE PLAN
- A-1.1 EQUIPMENT PLAN
- A-2 ELEVATIONS
- A-2.1 ELEVATIONS
- A-3 ANTENNA PLAN
- A-4 DETAILS
- A-5 COAX & GROUNDING SYSTEM SCHEMATIC, GROUNDING DETAILS

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

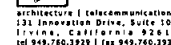
- CALIFORNIA FIRE CODE, 2013 EDITION
- CALIFORNIA BUILDING CODE, 2013 EDITION
- CALIFORNIA PLUMBING CODE, 2013 EDITION
- CALIFORNIA MECHANICAL CODE, 2013 EDITION
- CALIFORNIA ELECTRICAL CODE, 2013 EDITION
- CALIFORNIA GREEN BUILDING CODE, 2013 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

THIS PROJECT IS AN UNOCCUPIED WIRELESS PCS TELECOMMUNICATIONS FACILITY AND, IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

THE PROPOSED WIRELESS FACILITY COMPLIES WITH FEDERAL STANDARDS FOR RADIO FREQUENCIES IN ACCORDANCE WITH THE TELECOMMUNICATIONS ACT OF 1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED BY THE STATE OR FEDERAL REGULATORY AGENCIES.

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 24"x36" FORMAT. IF THIS DRAWING SET IS NOT 24"x36", THIS SET IS NOT TO SCALE.



THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO VERIZON WIRELESS IS STRICTLY PROHIBITED.

verizon[✓]
15505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



RE _____

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

SITE NAME

CARMEL RESORT (PCS)

10905 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

DRAWING DATES	
05/26/16	PRELIM CD'S (P1-B1)
07/05/16	CLIENT COMMENTS (P1-B2)
07/21/16	100% CD'S (P1-B3)
10/13/16	BP SUBMITTAL (P1-B4)

SHEET TITLE

TITLE SHEET

T-1

GENERAL SPECIFICATIONS

1. THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT 1010 GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE INCLUDED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.
2. THIS FACILITY IS AN UNLICENSED WIRELESS COMMUNICATIONS SITE AND IS EXEMPT FROM UNLAWFUL ACCESS REQUIREMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS PARTICIPATING SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING EXISTING ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS, AS WELL AS WITH THE CONSTRUCTION AND CONSTRUCTION METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, LICENSES AND INSURANCE PRIOR TO THE PROJECT. THE PROJECT CAN BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. SHOULD ANY ERRORS, OMISSIONS, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY VERIZON WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT IN WRITING. IN THE EVENT OF DISCREPANCIES, THE CONTRACTOR SHALL INCLUDE THE WORK CORRECTION OR LITIGIOUS WORK IN THE BID. UNLESS SPECIFICALLY DIRECTED OTHERWISE, A DISCREPANCY CORRECTION AND THE PROJECT MANAGER AND ARCHITECT ARE NOT NOTIFIED. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR OR CORRECT ALL PROBLEMS THAT RESULT.
4. DRAWINGS SHALL NOT BE SCALED. THESE DRAWINGS ARE INTENDED TO BE DIMENSIONAL ONLY. FOURED DIMENSIONS HAVE PRECEDENCE OVER DIMENSIONAL ONLY. DIMENSIONAL ONLY DIMENSIONS OVER SMALL SCALE DRAWINGS. CONTRACTOR SHALL CHECK ACCURACY OF ALL DIMENSIONS IN THE FIELD. UNLESS SPECIFICALLY NOTED, DO NOT FABRICATE ANY MATERIALS, OR BEGIN ANY CONSTRUCTION UNTIL THE ACCURACY OF DRAWING DIMENSIONS HAS BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.
5. THE CONTRACTOR SHALL INCLUDE IN HIS BID THE BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND SERVICES NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.
6. CONTRACTOR SHALL NOTIFY THE VERIZON WIRELESS CONSTRUCTION MANAGER, THE PROPERTY OWNER AND THE ARCHITECT IF ANY DETAILS ARE CONSIDERED IMPROPER, UNUSUAL, OR DIFFICULT TO NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, THE CONTRACTOR SHALL ADVISE THE VERIZON WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT OF THE END RESULT OF THE DESIGN. MAJOR MODIFICATIONS TO THE DESIGN SHALL BE SUBMITTED TO THE DESIGN MANAGER AND ARCHITECT FOR REVIEW AND APPROVAL. SUCH CHANGES SHALL BE INCLUDED AS PART OF THE WORK.
7. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL ADVISE THE VERIZON WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
8. THE CONTRACTOR SHALL VERIFY ALL TELEPHONE & BROADBAND EQUIPMENT LAYOUTS, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND FINAL LOCATIONS WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE EQUIPMENT CARRIER MANUFACTURER.
9. ALL SYMBOLS & ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE VERIZON WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.
10. THE CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS, LICENSES AND INSURANCES NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO VERIZON WIRELESS.
11. THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE IN THE SITE AND SHALL SUPERVISE AND DIRECT ALL WORK. UNDER NO BEST PRACTICE AND OTHER SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
12. WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:
 - NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION
01446 INTERNATIONAL CENTER
12235 N. HIGGINS ROAD, SUITE 600
ROSEMONT, IL 60018-5607
 - SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
4201 LAFAYETTE CENTER DRIVE
CHATELAIN, VA 20151-1209
 - ILP INTERNATIONAL INSTITUTE FOR LEAD AND PLASTER
P.O. BOX 1864
LAFAYETTE, CA 94548
13. INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
14. THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BRACING, TRUSSING, HANGERS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING THE SAME.
15. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL OBEY ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (DISA) REQUIREMENTS.
16. THE CONTRACTOR SHALL PROTECT THE PROPERTY OWNERS AND VERIZON WIRELESS PROPERTY FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION STRUCTURE, FURNISHINGS, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF VERIZON WIRELESS, AND THE PROPERTY OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REPAIR, ANY FACILITY, EQUIPMENT, OR INFRASTRUCTURE MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL OCCUR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK BY VERIZON WIRELESS UNDER THIS CONTRACT.
18. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, OR CONTACT AN OUTSIDE AGENCY TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONNECTION WITH THE EXECUTION OF WORK.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED AND ACCEPTED BY VERIZON WIRELESS.
20. THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER, VERIZON WIRELESS, AND THE CITY OR GOVERNING AGENCY.
21. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REPRODUCING THE CONSTRUCTION DOCUMENTS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS SHALL BE DONE AFTER THE SITE HAS BEEN AWARDED FINAL INSPECTION BY THE RESPONSIBLE BUILDING AGENCY. ONE SET OF REPRODUCED DRAWINGS SHALL BE PROVIDED TO THE VERIZON WIRELESS CONSTRUCTION MANAGER.
22. THE LATEST EDITION OF ALL PERMITTED AND APPROVED PLANS PERTAINING TO THIS PROJECT SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
23. THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS, EXCEPT FOR THAT SPECIFIED AS REMAINING THE PROPERTY OF THE BUILDING OR PROPERTY OWNER AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING THROUGHOUT CONSTRUCTION, INCLUDING FINAL CLEAN-UP UPON COMPLETION OF WORK. ALL AREAS ARE TO BE LEFT IN A BROOM CLEAN CONDITION AT THE END OF EACH DAY AND VACUUM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST OR SURFACES OF ANY NATURE AT COMPLETION OF WORK.
24. THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
25. ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED.
26. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF AND WHERE APPLICABLE TO THIS FACILITY AND PROJECT SITE.
27. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-10BC WITHIN 75 FEET TRAILER DISTANCE TO ALL PORTIONS OF THE PROJECT AREA CONSTRUCTION.
28. ELECTRICAL POWER SYSTEM SHALL BE GROUNDED PER NEC ARTICLES 250 AND 810.
29. ALL NEW OPENINGS IN THE EXTERIOR ENVELOPE OF CONDITIONED SPACES SUCH AS AT WALL AND ROOF PENETRATIONS SHALL BE CALKED OR SEALED TO LIMIT INFILTRATION OF AIR AND MOISTURE.
30. UPON COMPLETION OF CONSTRUCTION, VERIZON WIRELESS CONSTRUCTION MANAGER SHALL CONDUCT A WALK-THROUGH WITH PROPERTY OWNER OR REPRESENTATIVE OF THE PROPERTY OWNER.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY VERIZON WIRELESS.
32. INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.

PAINTING NOTES & SPECIFICATIONS

1. GENERAL
 2. ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE.
 3. CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS.
 4. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS.
 5. FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED.
 6. ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE VERIZON WIRELESS CONSTRUCTION MANAGER.
 7. PREPARE PROPERLY FINISHED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROSCOPIC WAX. PREPARE GALVANIZED SURFACES BY ACRYL ETCH OR SODIUM CHLORIDE IN ACCORDANCE WITH SSPC-SP1.
 8. FURNISH COLOR CHARTS, SCHEDULES, WORKING AND PROTECTIVE METHODS TO PREVENT SPILL OR DRIPPING FROM DAMAGING ADJACENT SURFACES AND FACILITIES.
 9. APPLY PRIMER BY BRUSH, SPRAY, SANDING LOVELY BETWEEN EACH SUCCEEDING COAT. COAT ON FLAT SURFACES APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
 10. APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
 11. CONTRACTOR SHALL CORRECT BLUES, SMOGS AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE VERIZON WIRELESS CONSTRUCTION MANAGER. REPAIR AS NECESSARY TO ACHIEVE SURFACES WHICH ARE UNIFORM, EVENLY COATED WITH UNIFORM SKIN AND FREE FROM BUBBLES.
 12. PAINTING SCOPE
 13. PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.
- | PAINTING SCOPE | | COATING SYSTEM | COAT | THICKNESS | REMARKS |
|------------------------|--|---|------|-----------|---------|
| 1. STEEL | ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL CONFORM TO ASTM A-36 AND BE FABRICATED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AISC. | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 2. ALUMINUM | ALL ALUMINUM SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 3. CONCRETE | ALL CONCRETE SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 4. MASONRY | ALL MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 5. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 6. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 7. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 8. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 9. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 10. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 11. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 12. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 13. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 14. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 15. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 16. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 17. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 18. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 19. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 20. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 21. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 22. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 23. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 24. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 25. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 26. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 27. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 28. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 29. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 30. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 31. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 32. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 33. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 34. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 35. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 36. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 37. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 38. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 39. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 40. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 41. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 42. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 43. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 44. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 45. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 46. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 47. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 48. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 49. STAINLESS STEEL | ALL STAINLESS STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 50. PRE-FINISHED STEEL | ALL PRE-FINISHED STEEL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 51. ALUMINUM & COPPER | ALL ALUMINUM & COPPER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 52. CONCRETE MASONRY | ALL CONCRETE MASONRY SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 53. WOOD | ALL WOOD SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 54. GLASS | ALL GLASS SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 55. METAL | ALL METAL SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 56. PLASTER | ALL PLASTER SURFACES SHALL BE CLEANED AND PREPARED TO A 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 1. EPOXY ACRYLIC COATING (SERIES 880) BY SHERWIN WILLIAMS CO. 1/16" DFT PER COAT APPLIED IN TWO COATS OVER DRY BONDING PRIMER (880ASO). | 2 | 1/16" | |
| 57. | | | | | |

verizon

Technology Associates

AGENT AUTHORIZATION

Verizon Wireless Communications Facility

City of San Diego

Project Number / Name: Carmel Resort

Property Address: 10985 Avenida Maria, San Diego, CA 92129

Assessor's Parcel Number: 313-810-08

I, Cynthia Pearson, owner/representative of the above described property, authorize Verizon Wireless or its agents to act on our behalf for the purpose of processing and securing any land-use or building permits necessary for the modification of an existing Verizon Wireless facility located at the address referenced above. It is understood that City applications are subject to review and may be modified.

Signature of Property Owner(s)/Representative(s):

Cynthia Thompson
Director, Real Estate Assets

Print Name & Title:

Date: 8/24/16

1430 Madison Center Rd., Suite 200
San Diego, CA 92108
Mobile Phone: (619) 453-7277
Email: adam.dufford@verizon.com
www.verizon.com



Jeffrey Rome
ASSOCIATES

Architecture | Telecommunications
135 Innovation Drive, Suite 100
Irvine, California 92617
tel 949.760.3929 | fax 949.760.3931

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO VERIZON WIRELESS IS STRICTLY PROHIBITED.

PREPARED FOR

verizon

15505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/26/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

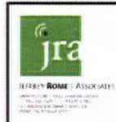
SHEET TITLE

LETTER OF AUTHORIZATION

T-3



Photosimulation Viewpoint



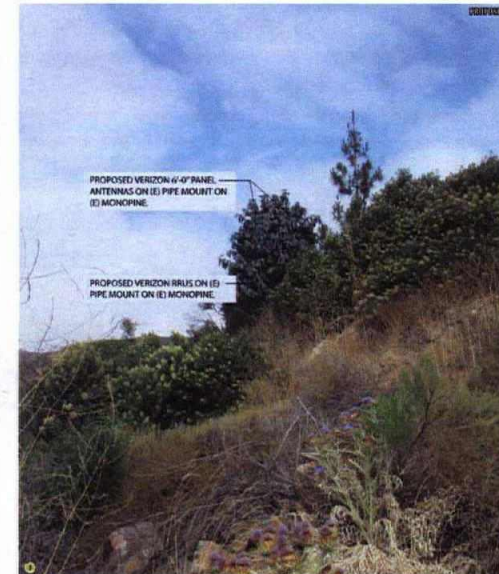
**VERIZON WIRELESS
PROJECT
CARMEL RESORT (PCS)**
10985 Avenida Maria
Rancho Cielo, CA 92129



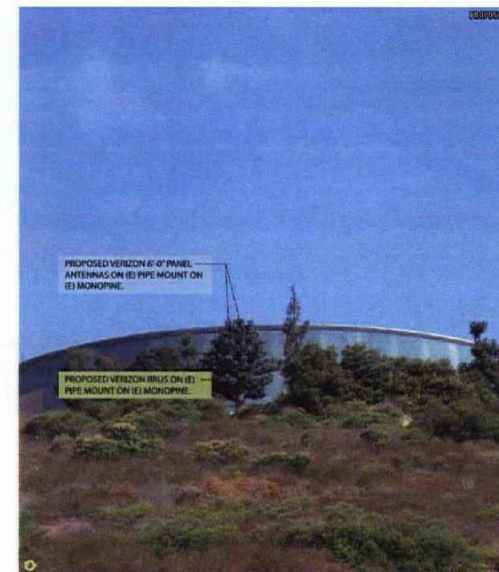
Photosimulation Viewpoint



**VERIZON WIRELESS
PROJECT
CARMEL RESORT (PCS)**
10985 Avenida Maria
Rancho Cielo, CA 92129



Photosimulation of proposed telecommunications site



Photosimulation of proposed telecommunications site

**Jeffrey Rome |
ASSOCIATES**

architecture | telecommunications
131 Innovation Drive, Suite 100
Irvine, California 92617
tel 949.760.3928 | fax 949.760.3931

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PREPARED FOR

verizon

15505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/28/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

PHOTOSIMS

T-4

SITE PLAN KEYNOTES

- 1 (H) & (E) VZW ANTENNAS MOUNTED TO (E) MONOPINE; SEE SHEET A-1.
- 2 (E) VZW EQUIPMENT ENCLOSURE; SEE SHEET A-1.
- 3 (E) PROPERTY LINE.
- 4 (E) WATER TANK.
- 5 (E) RAW LAND HILLSIDE.
- 6 (E) OTHER CARRIER EQUIPMENT ENCLOSURE.
- 6A (E) OTHER CARRIER EQUIPMENT.
- 7 (E) CHAIN-LINK FENCE.
- 8 (E) ACCESS ROAD.
- 9 (E) 60'-0" RIGHT-OF-WAY ROAD AND PUBLIC UTILITY EASEMENT.

STORM WATER QUALITY NOTES CONSTRUCTION BMP'S

THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE STATE PERMIT; CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SAN DIEGO REGION, ORDER NO. 2001-01 NPDES NO. CAS210875 ([HTTP://WWW.SWPB.CA.GOV/TPWQCB/PROGRAMS/SD_STORMWATER.HTML](http://www.swpb.ca.gov/TPWQCB/PROGRAMS/SD_STORMWATER.HTML)) AND THE CITY OF SAN DIEGO LAND DEVELOPMENT CODE ([HTTP://CLEDN.KDOC.SANNCI.GOV/RIGHTSITE/GETCONTENT/LOCAL/PORTLAND/00/CTD=00001451/00000043](http://cledn.kdoc.sannci.gov/rightsite/getcontent/local/PORTLAND/00/CTD=00001451/00000043))

NOTES 1-6 BELOW REPRESENT KEY MINIMUM REQUIREMENTS FOR CONSTRUCTION BMP'S.

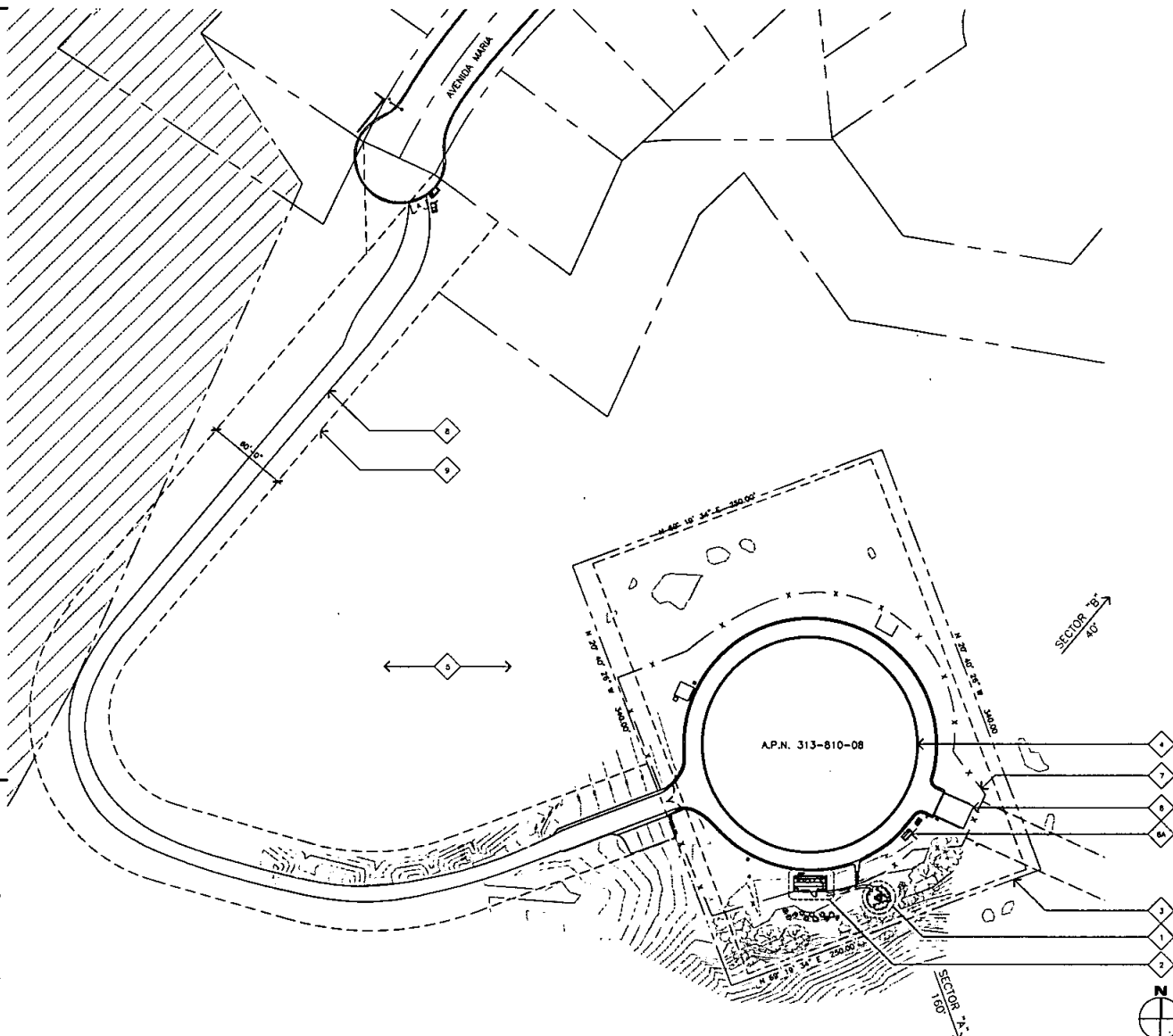
1. SUFFICIENT BMP'S MUST BE INSTALLED TO PREVENT SILT, MUD OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH WORK DAY OR AFTER A STORM EVENT THAT CAUSES A BREACH IN THE INSTALLED CONSTRUCTION BMP'S.
2. ALL STOCK PILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD GREATER THAN SEVEN CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS. SUCH SOIL MUST BE PROTECTED EACH DAY WHEN THE PROBABILITY OF RAIN IS 34% OR GREATER.
3. A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS THAT ARE TO BE POURED IN PLACE ON THE SITE.
4. ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN WORKING ORDER AT ALL TIMES.
5. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
6. THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.

COAX SCHEDULE		
SECTION	AZIMUTH	LENGTH
A	160°	110'
B	40°	110'

GENERAL NOTES

1. INTEGRATE ALL (H) INSTALLATIONS WITH (E) EQUIPMENT.
2. THE LOCATION OF THE (E) EQUIPMENT AVAILABILITY AND SPACE SHOULD BE VERIFIED BY THE GC BEFORE INSTALLATION.
3. (N) ANTENNAS, RIGS, AND RAYCAPS WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (H) STEALTH "SOCK" COVER TO MATCH (E) MONOPINE FOULAGE.
4. NO EXISTING PARKING SPACES WILL BE USED OR REMOVED BY THIS PROJECT.
5. THIS PROJECT PROPOSES NO WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
6. NOTE TO APPLICANT/OWNER/OWNER'S AGENT/ARCHITECT OR ENGINEER OF RECORD: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
7. NOTICE TO THE CONTRACTOR/BUILDER/INSTALLER/SUBCONTRACTOR/OWNER-BUILDER: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF, THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
8. NO NEW BATTERIES ARE TO BE ADDED AS PART OF THIS PROJECT.

SITE PLAN



SCALE:
1"=40'
0 20' 40'

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PREPARED FOR

verizon
15505 SAND CANYON AVENUE
IRVINE, CALIFORNIA 92618



APPROVALS

R.F. _____
ZONING _____
CONSTRUCTION _____
SITE ACQUISITION _____
OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)
10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES
05/26/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

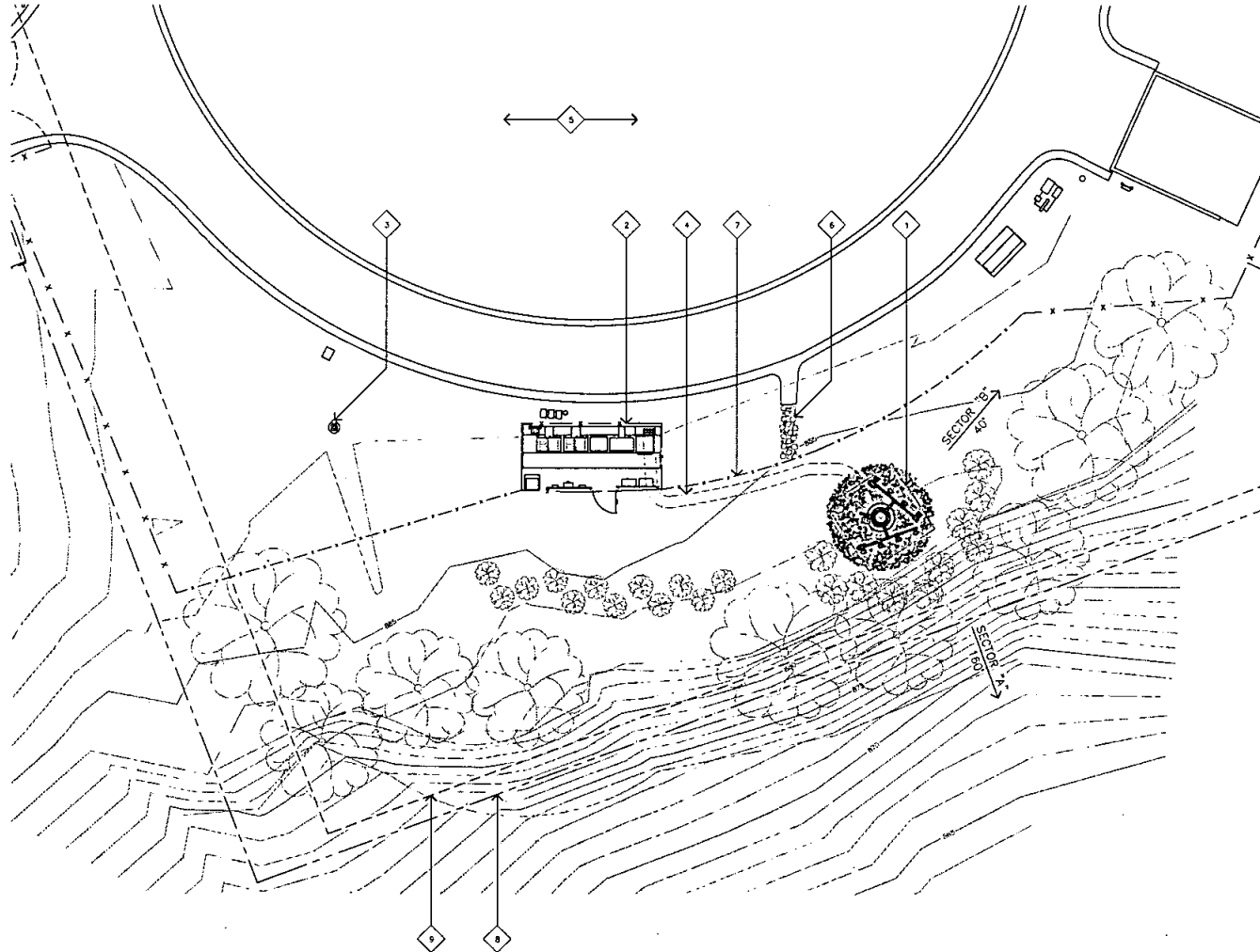
SHEET TITLE

SITE PLAN

A-0

ENLARGED SITE PLAN KEYNOTES

- 1 (H) & (E) ANTENNAS MOUNTED TO (E) MONOPINE; SEE SHEET A-2.
- 2 (E) VZW EQUIPMENT ENCLOSURE; SEE SHEET A-1.1.
- 3 (E) LIGHT STANDARD.
- 4 (E) VZW UNDERGROUND TRENCH.
- 5 (E) WATER TANK.
- 6 (E) RIP-RAP.
- 7 (E) CHAINLINK FENCE.
- 8 (E) PROPERTY LINE.
- 9 (E) SET BACK.



- NOTE:
1. INTEGRATE ALL (H) INSTALLATIONS WITH (E) EQUIPMENT.
 2. THE LOCATION OF THE (E) EQUIPMENT AVAILABILITY AND SPACE SHOULD BE VERIFIED BY THE GC BEFORE INSTALLATION.

ENLARGED SITE PLAN

SCALE:
1"=10'



1

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APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/26/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/11/16 ISSUE CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

ENLARGED SITE PLAN

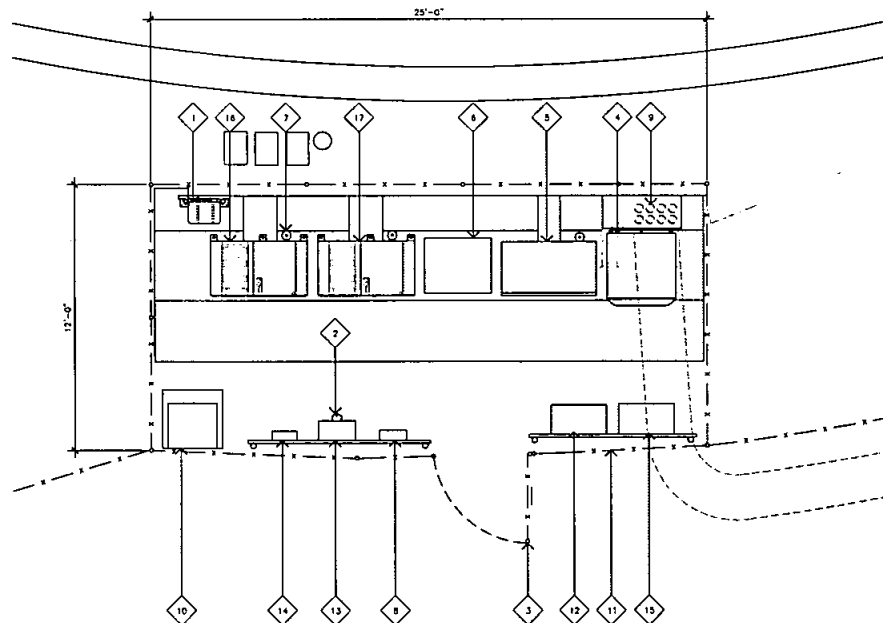
A-1

EQUIPMENT PLAN KEYNOTES

- 1 (E) VZW RAYCAP MOUNTED TO (E) UNISTRUT (1 TOTAL).
- 2 (E) VZW GENERATOR PLUG BELOW MANUAL TRANSFER SWITCH.
- 3 (E) VZW ACCESS GATE.
- 4 (E) 84" TALL VZW RSD BATTERY/POWER PLANT CABINET.
- 5 (E) VZW LTE CABINET.
- 6 (E) SBE CABINET.
- 7 (E) VZW GPS ANTENNA.
- 8 (E) VZW ELECTRICAL PANEL.
- 9 (E) VZW CONDUIT STUB-UPS.
- 10 (F) VZW ELECTRICAL TRANSFORMER.
- 11 (E) VZW CHAIN LINK FENCE EQUIPMENT ENCLOSURE.
- 12 (E) TELCO PANEL.
- 13 (E) VZW MANUAL TRANSFER SWITCH.
- 14 (E) VZW DISCONNECT.
- 15 (E) VZW FIBER CABINET.
- 16 (E) CM01 CABINET.
- 17 (E) CM02 CABINET.

NOTE:

NO (N) BATTERIES PROPOSED AS PART OF THIS PROJECT.



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APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/28/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

EQUIPMENT PLAN

A-1.1

EQUIPMENT PLAN

SCALE: 3/8"=1'-0"
0 1' 2' 3'



1

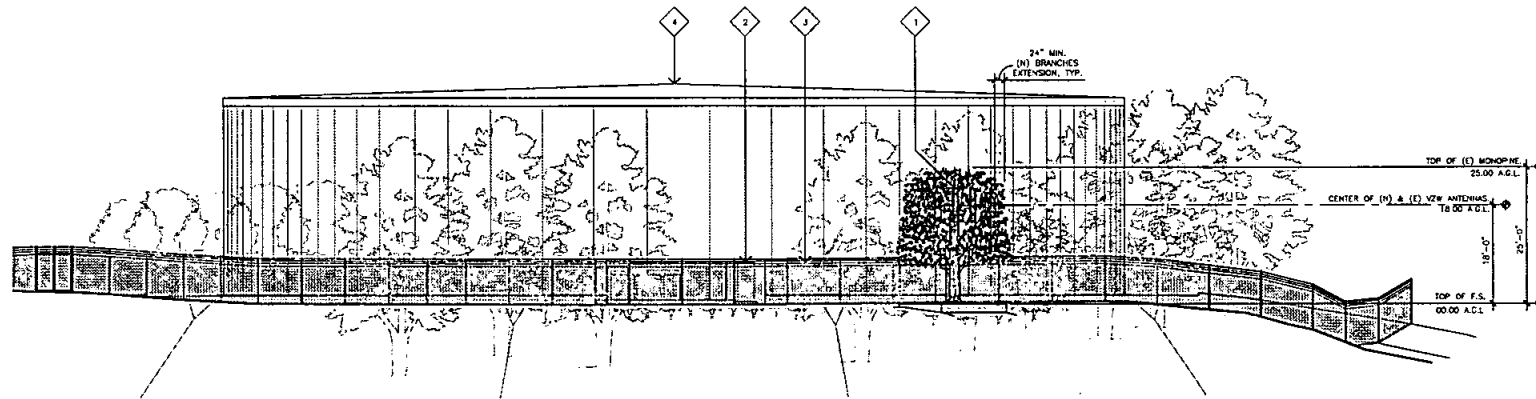
SEA JOB NUMBER: 180385

ELEVATION KEYNOTES

- 1 (N) & (E) VZW ANTENNAS MOUNTED TO (E) MONOPINE.
- 2 (E) VZW EQUIPMENT ENCLOSURE.
- 3 (E) CHAINLINK FENCE.
- 4 (E) WATER TANK.

NOTES

1. (N) ANTENNAS, RRU'S, AND RAINCAPS WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (N) STEALTH "SOCK" COVER TO MATCH (E) MONOPINE FOLIAGE.



SOUTH ELEVATION

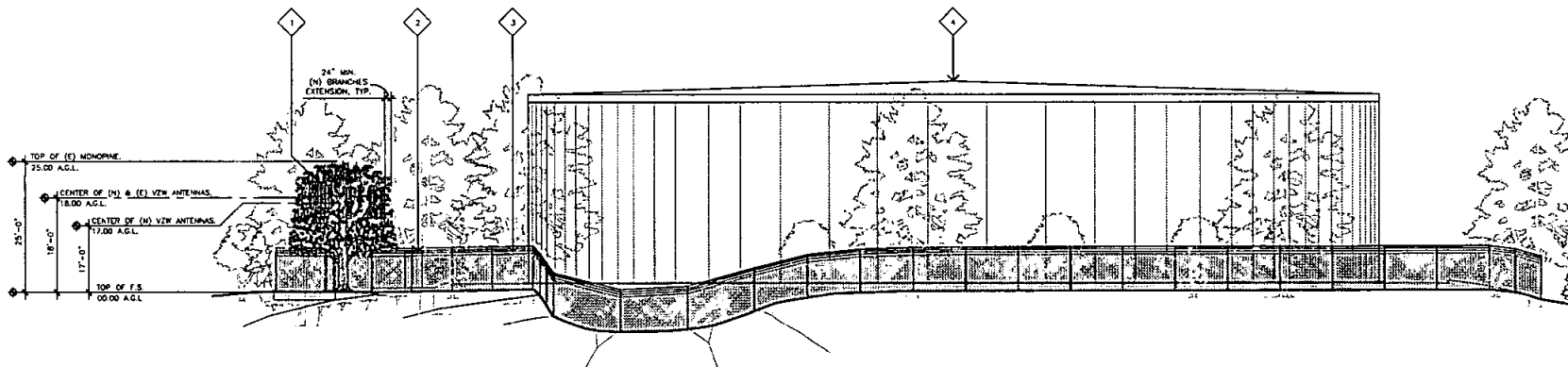
SCALE: 1/8"=1'-0" 0 4' 8' 2

ELEVATION KEYNOTES

- 1 (N) & (E) VZW ANTENNAS MOUNTED TO (E) MONOPINE.
- 2 (E) VZW EQUIPMENT ENCLOSURE.
- 3 (E) CHAINLINK FENCE.
- 4 (E) WATER TANK.

NOTES

1. (N) ANTENNAS, RRU'S, AND RAINCAPS WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (N) STEALTH "SOCK" COVER TO MATCH (E) MONOPINE FOLIAGE.



EAST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

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APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MAPA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES
05/28/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/12/16 UP SUBMITTAL (P1-B4)

SHEET TITLE

ELEVATIONS

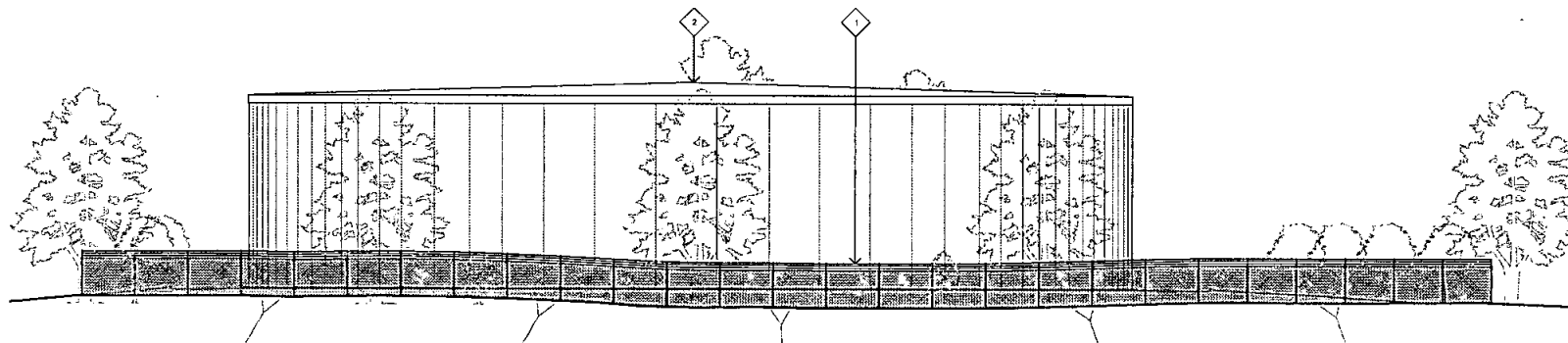
A-2

ELEVATION KEYNOTES

- 1 (E) CHAINLINK FENCE.
- 2 (E) WATER TANK.

NOTES

- (N) ANTENNAS, RRU'S, AND RAYCAPS WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (N) STEALTH "SOCK" COVER TO MATCH (E) MONOPINE FOLIAGE.



NORTH ELEVATION

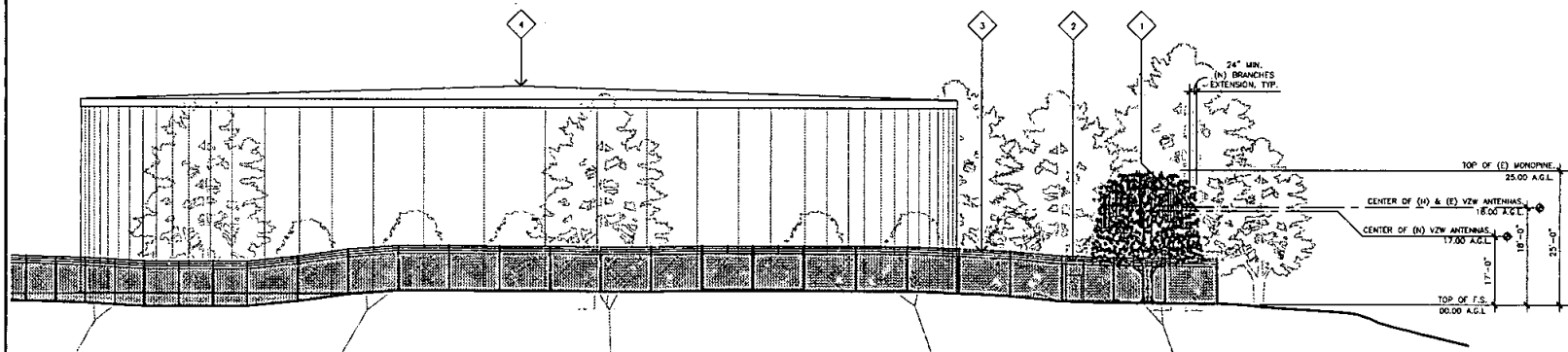
SCALE: 1/8"=1'-0" 0 4' 8' 2

ELEVATION KEYNOTES

- 1 (N) & (E) V2W ANTENNAS MOUNTED TO (E) MONOPINE.
- 2 (E) V2W EQUIPMENT ENCLOSURE.
- 3 (E) CHAINLINK FENCE.
- 4 (E) WATER TANK.

NOTES

- (N) ANTENNAS, RRU'S, AND RAYCAPS WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (N) STEALTH "SOCK" COVER TO MATCH (E) MONOPINE FOLIAGE.



WEST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

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APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

10585 AVENIDA MARIA
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES
05/28/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

ELEVATIONS

A-2.1

ANTENNA PLAN KEYNOTES

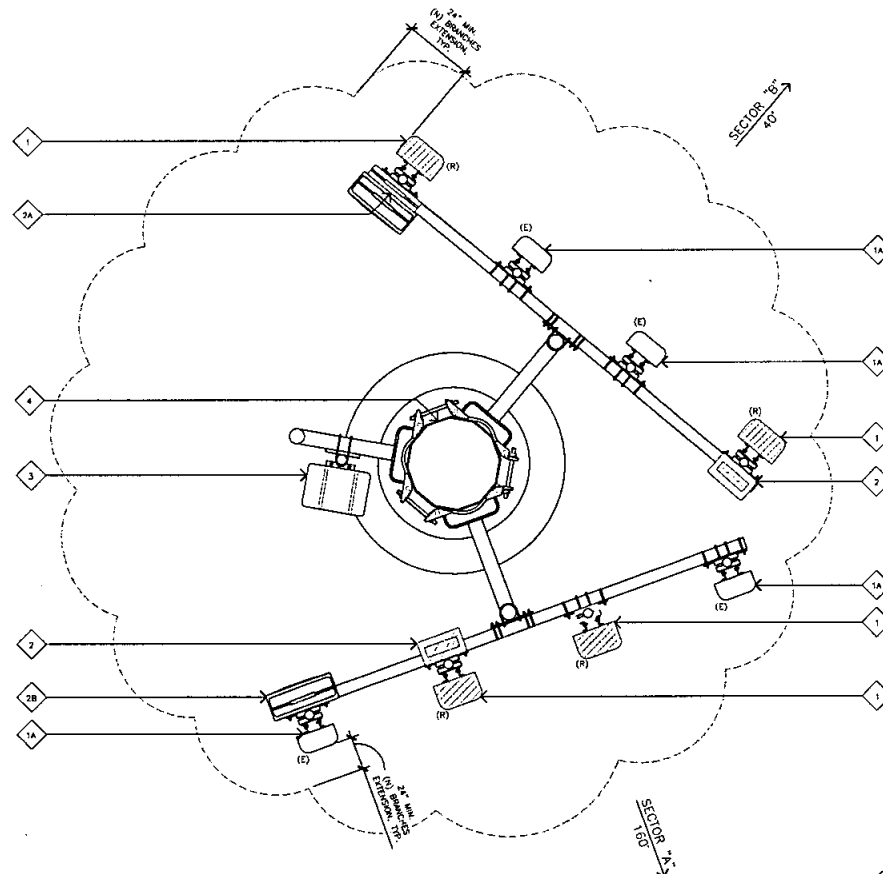
- 1 (N) VZW ANTENNA TO REPLACE (E) ANTENNA MOUNTED ON (E) MONOPINE (4 TOTAL); SEE DETAILS 1/A-4 AND 2/A-4.
- 1A (E) VZW ANTENNA TO REMAIN (4 TOTAL); SEE DETAILS 4/A-4 OR 5/A-4.
- 2 (N) VZW RRU32 MOUNTED BEHIND (N) ANTENNA (2 TOTAL); SEE DETAILS 1/A-4 AND 5/A-4.
- 2A (N) VZW RRU-A2 ATTACH TO (E) VZW RRU-12 MOUNTED BEHIND (E) ANTENNA (1 TOTAL); SEE DETAILS 1/A-4 AND 3/A-4.
- 2B (E) (2) STACKED VZW RRU'S MOUNTED BEHIND (E) ANTENNA (2 TOTAL).
- 3 (E) VZW RAYCAP MOUNTED TO (E) MONOPINE (1 TOTAL).
- 4 (E) VZW MONOPINE.

NOTES

1. (N) ANTENNAS AND RRU'S WILL BE PAINTED TO MATCH (E) MONOPINE AND INSTALLED WITH A (N) STEALTH "SOCK" FOR ANTENNA COVER TO MATCH (E) MONOPINE FINISH.

LEGEND

- (E) EXISTING
(R) REPLACE



SCALE:
3/4"=1'-0"
0 1/2' 1' 2'

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ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

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SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/26/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-R2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

ANTENNA PLAN

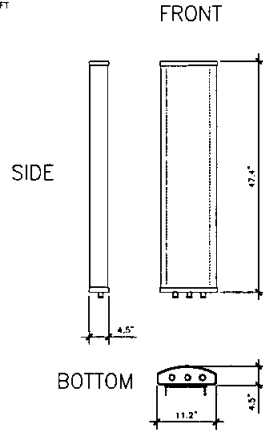
A-3

NOT USED

ANTENNA PLAN

AMPHENOL BXA-80063/ 4CF_5

ANTENNA MATERIAL: GRP
 ANTENNA COLOR: LIGHT GREY
 DIMENSIONS, HxWxD: (47.4"x11.2"x4.5")
 WEIGHT: 9.9 lbs
 WIND LOAD: FRONT: 3.9FT/ SIDE: 1.6FT



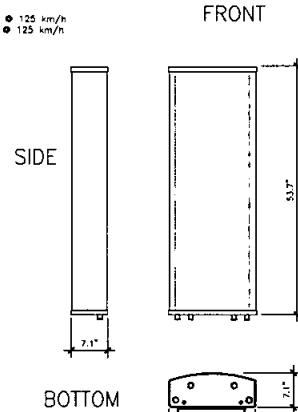
(E) ANTENNA SPECIFICATIONS

SCALE:
NONE

6

AMPHENOL HTXC03S17X000

ANTENNA MATERIAL: GRP
 ANTENNA COLOR: LIGHT GRAY
 DIMENSIONS, HxWxD: 53.7"x20.7"x7.1"
 WEIGHT: 43 lbs
 WIND LOAD: FRONT: 197 bf @ 125 km/h
 SIDE: 67 bf @ 125 km/h



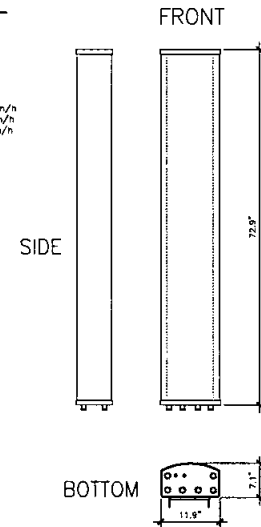
(E) ANTENNA SPECIFICATIONS

SCALE:
NONE

4

COMMSCOPE SBNHH-1D65B

ANTENNA MATERIAL: GRP
 ANTENNA COLOR: LIGHT GRAY
 DIMENSIONS, HxWxD: 72.9"x11.9"x7.1"
 WEIGHT: 40.6 lbs
 WIND LOAD: FRONTAL: 618.0 N @ 150 km/h
 LATERAL: 157.0 N @ 150 km/h
 REAR: 728.0 N @ 150 km/h
 CONNECTOR: 7-16 DIN FEMALE



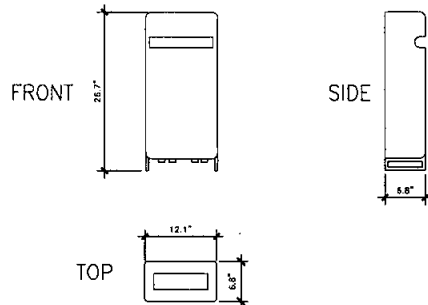
(N) ANTENNA SPECIFICATIONS

SCALE:
NONE

2

ERICSSON RRUS 32

COLOR: GRAY
 DIMENSIONS, HxWxD: 26.7"x12.1"x6.8"
 WEIGHT: 50.8 LBS.



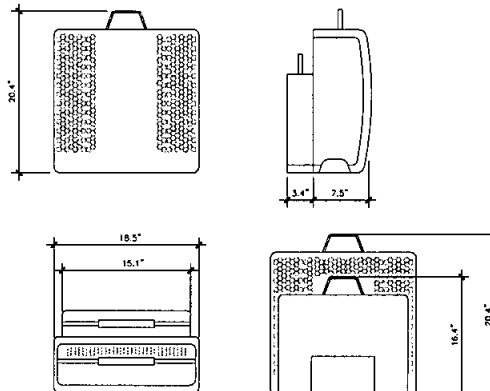
RRUS SPECIFICATIONS

SCALE:
NONE

5

ERICSSON RRUS+RRUS A2

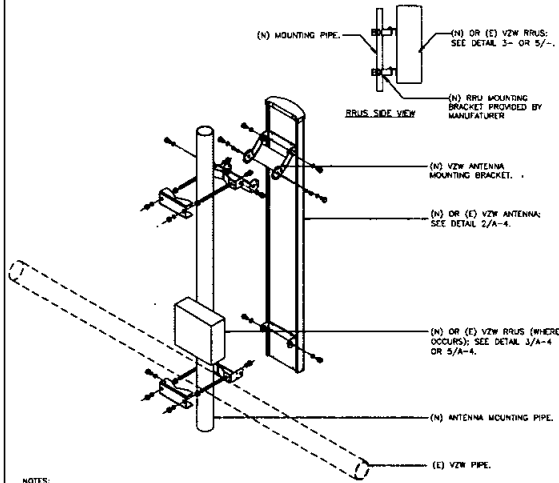
COLOR: LIGHT GRAY
 DIMENSIONS, HxWxD: RRUS: 20.4"x18.5"x7.5"
 RRUS A2: 16.4"x15.1"x3.4"
 WEIGHT: RRUS: 58.0 LBS.
 RRUS A2: 22.0 LBS.



RRUS SPECIFICATIONS

SCALE:
NONE

3



NOTES:
 1. SEE ANTENNA MANUFACTURER SPECS. FOR COMPLETE ANTENNA AND BRACKET SPECIFICATIONS.
 2. ALL (E) PIPES TO BE REPLACED WITH (N) STEEL PIPES SAME LENGTH AS (N) ANTENNAS.
 3. ALL (N) STEEL TO BE HOT-DIPPED GALVANIZED.

ANTENNA / RRU MOUNTING

SCALE:
NONE

1

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 IRVINE, CALIFORNIA 92618



APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

SITE NAME

CARMEL RESORT (PCS)

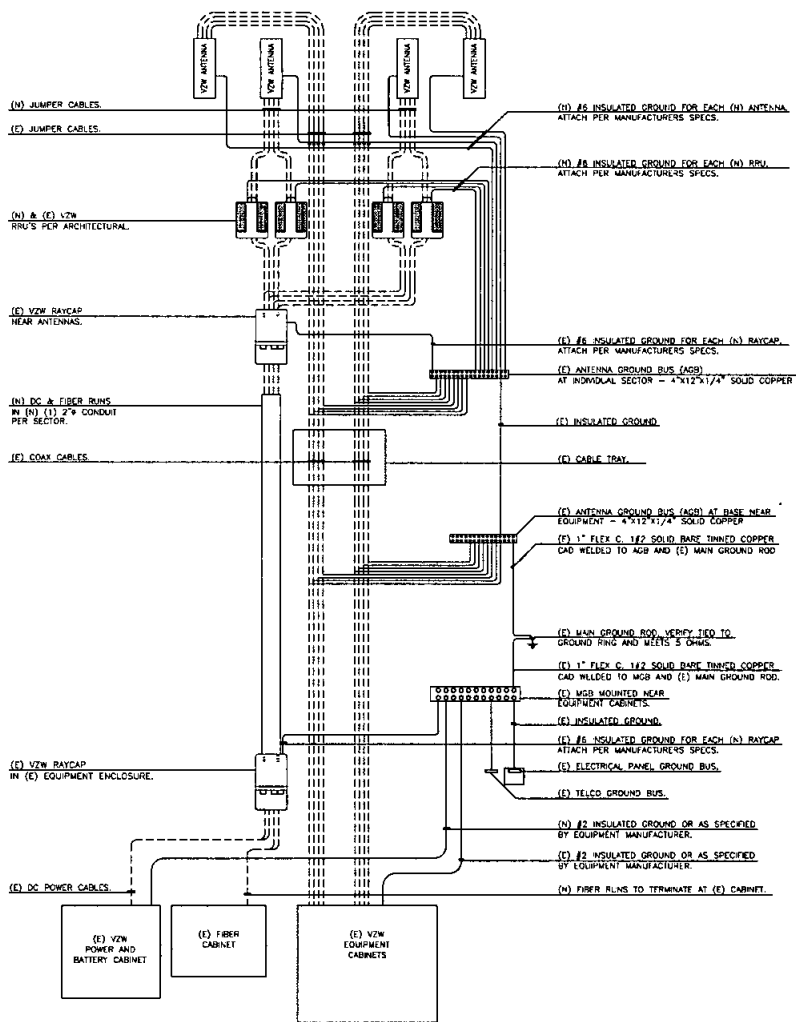
10985 AVENIDA MARIA
 SAN DIEGO, CALIFORNIA 92129

DRAWING DATES
 09/26/16 PRELIM CD'S (P1-B1)
 07/05/16 CLIENT COMMENTS (P1-B2)
 07/21/16 100% CD'S (P1-B3)
 10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

DETAILS

A-4

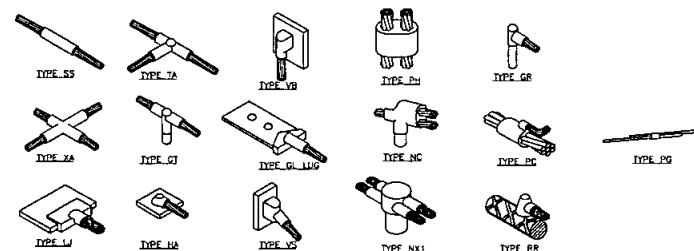


GENERAL NOTES:

1. SPURGE GROUND CONNECTIONS.
2. FOLLOW COAXIAL CABLE MANUFACTURERS RECOMMENDATIONS (TYPICAL).
3. ALL INSULATED GROUND WIRES TO BE STRANDED, ANG WIRE UNLESS NOTED OTHERWISE.
4. THIS IS TYPICAL FOR ONE SECTOR OF ANTENNAS. SEE PLANS FOR NUMBER OF SECTORS.
5. NUMBER OF COAX IS DIAGNOSTIC.

COAX & GROUNDING SYSTEM SCHEMATIC

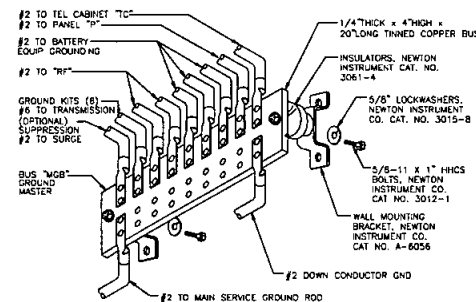
4



TYPICAL CADWELD TYPES

SCALE:
NONE

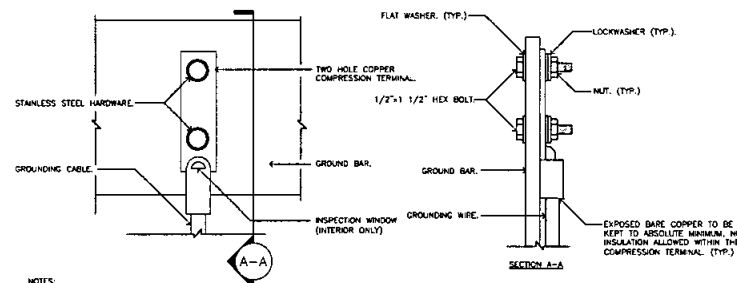
3



MASTER GROUND BUS

SCALE:
NONE

2



NOTES:

1. "DOUBLING UP" OR "STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS AND TO BE APPLIED PRIOR TO ADDING HARDWARE.

TYPICAL GROUND BAR CONNECTION

1

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APPROVALS

R.F.

CONING

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

SITE NAME

CARMEL RESORT (PCS)

10985 AVENIDA MASH
SAN DIEGO, CALIFORNIA 92129

DRAWING DATES

05/26/16 PRELIM CD'S (P1-B1)
07/05/16 CLIENT COMMENTS (P1-B2)
07/21/16 100% CD'S (P1-B3)
10/13/16 BP SUBMITTAL (P1-B4)

SHEET TITLE

**COAX & GROUNDING
SYSTEM SCHEMATIC,
GROUNDING DETAILS**

A-5