

Team Member's Review	Reviewed/Date
RF Engineering	
Product Management	
Network Real Estate Team	
Utility Team	
Implementation	
Operations	

**CROWN CASTLE**  
Proposed Small Cell Node  
B/O 2 SAN MILANO DR.

GOLETA, CA 93117

Site ID: ATTSBW02 USID: 178107



**PROJECT DESCRIPTION**

- INSTALL (1) OMNI DIRECTIONAL ANTENNA AND (N) ARM MOUNT ON (E) WOOD UTILITY POLE
- INSTALL (3) RRUS-2203 WITHIN NEW ENCLOSURE ON (E) WOOD UTILITY POLE
- INSTALL (N) CROWN CASTLE STRAND & FIBER ON (E) WOOD UTILITY POLE
- INSTALL (3) DOWN-CONVERTER UNITS ON (N) CROWN CASTLE STRAND & FIBER

**PROJECT SUMMARY**

**SITE ADDRESS:** B/O 2 SAN MILANO DR.  
GOLETA, CA 93117

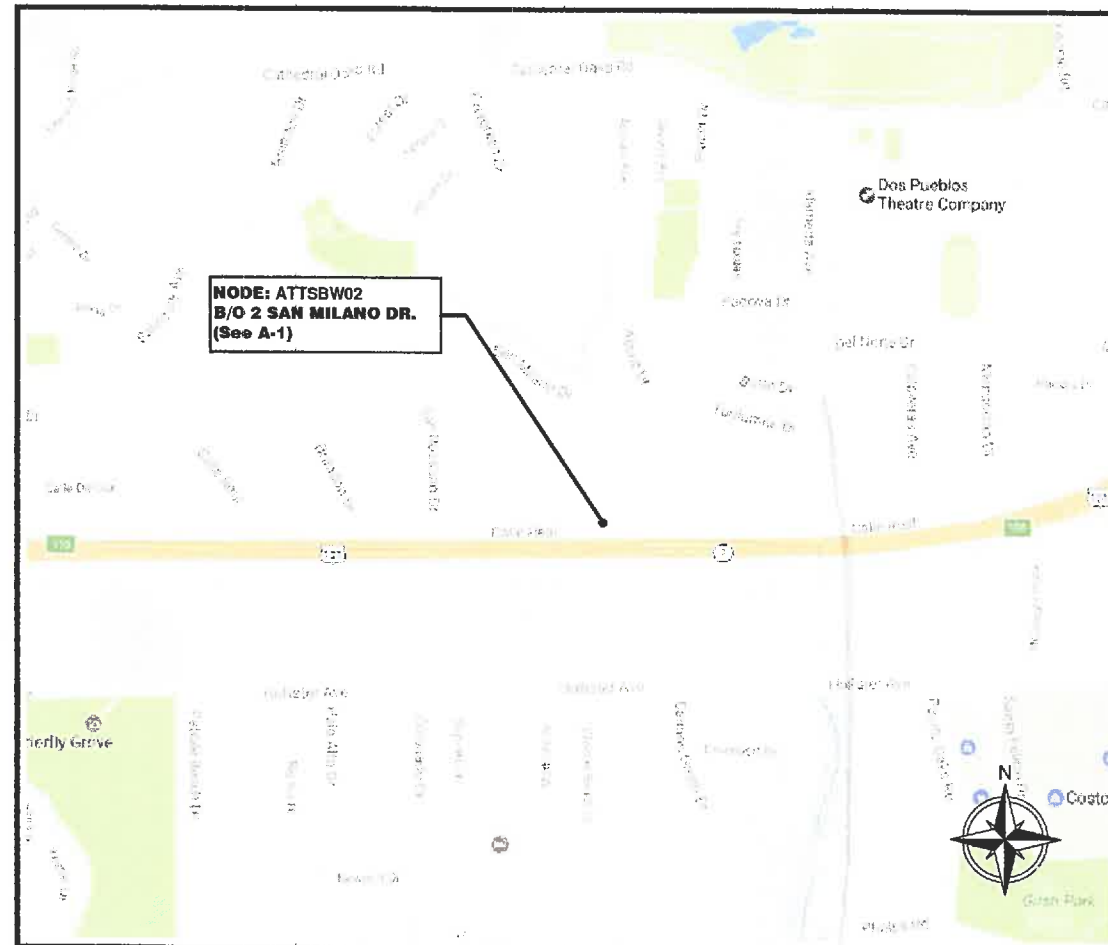
**APPLICANT:** CROWN CASTLE NG WEST, LLC  
695 RIVER OAKS PARKWAY  
SAN JOSE, CA 95134  
CONTACT: SHARON JAMES  
PHONE: (408) 468-5553

**CIVIL ENGINEER:** INFINIGY  
26455 RANCHO PARKWAY SOUTH  
LAKE FOREST, CA 92630  
CONTACT: JUSTIN DEHART  
PHONE: (949) 310-6233  
FAX: (949) 753-8833

**POWER/UTILITY:** SCE  
2885 FOOTHILL BLVD.  
RIALTO, CA 92376  
OFFICE: TBD  
CELL: TBD  
OFFICE: 909.873.6614

**LATITUDE (NAD 83):** N 34° 25' 58.1852"  
34.432832°

**LONGITUDE (NAD 83):** W 119° 53' 6.8892"  
-119.885247°



NOT TO SCALE

**SHEET INDEX**

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SIM4	ATTSBW02 VIEW 2 (PROPOSED)

**APPLICABLE CODES**

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

- 2016 CALIFORNIA BUILDING CODE
- 2016 CALIFORNIA MECHANICAL CODE
- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA ELECTRICAL CODE

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

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Build.  
Deliver.

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OFFICE # (949) 753-8807  
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JOB NUMBER: 414617

OWNER/DEVELOPER:

**CROWN CASTLE**

300 SPECTRUM CENTER DR, SUITE 1200  
IRVINE, CA 92618

TITLE:

CROWN CASTLE NG WEST  
JOB # 414617  
GOLETA

**REVISIONS**

REV	DATE	DESCRIPTION	BY
00	05-12-17	FOR CC REVIEW	JH/DG
01	06-19-17	100% CONSTRUCTION DRAWINGS	JD
02	04-20-18	100% CONSTRUCTION DRAWINGS	JH

DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	FC	FC

PROJECT NUMBER:	ATTSBW02
FILE NAME:	TITLE PAGE
DATE DRAWN:	05-12-17
SCALE:	AS SHOWN

SHEET:	T-1
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**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 GOLETA "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 STREET(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.

**NOTES:**

- CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS.
- CONTRACTOR TO PLACE SNOBAGS AROUND ANY/ALL STORM DRAIN INLETS TO PREVENT CONTAMINATED WATER.
- SPOILS PILE WILL BE COVERED AND CONTAINED AND STREET WILL BE SWEEPED AND CLEANED AS NEEDED.
- CONTRACTOR REPAIR DAMAGED PUBLIC IMPROVEMENTS TO THE SATISFACTION OF THE CITY ENGINEER.
- CURB & GUTTER TO BE PROTECTED IN PLACE, SIDEWALK TO BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
- 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.
- SIDEWALK SHALL BE RESTORED/REPLACED PER CITY OF GOLETA STANDARD DRAWINGS.
- PEDESTRIAN RAMP WILL NOT BE DISTURBED.

**ROW GROUND CONSTRUCTION NOTES:**

- GROUND CONSTRUCTION TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 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.
- METERING CABINET REQUIRES 38" 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 SUBCONTRACTOR 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 TRACTS).

**CALIFORNIA STATE CODE COMPLIANCE:**

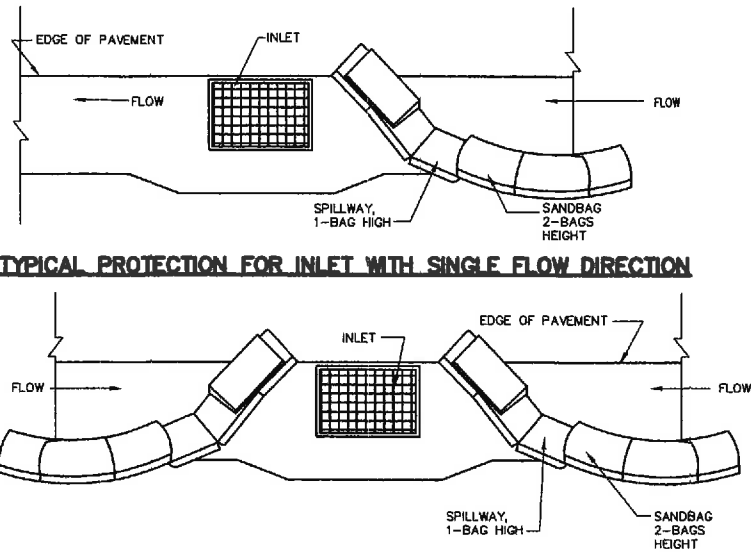
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- 2016 CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLES 24 & 25) 2010
- 2016 CALIFORNIA BUILDING CODES WHICH ADOPTS THE 2014 UBC, 2015 UMC, 2015 UPC AND THE 2014 NEC.
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- 2016 CALIFORNIA MECHANICAL CODE
- ANSI/EIA-222-F LIFE SAFETY CODE NFPA-101
- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA ELECTRICAL CODE
- CURRENT LOCAL BUILDING CODE
- CURRENT CITY/COUNTY ORDINANCES

ACCESSIBILITY REQUIREMENTS:  
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS DO NOT APPLY IN ACCORDANCE WITH THE 2016 CALIFORNIA BUILDING CODE.

FCC NOTE:  
THIS WIRELESS COMMUNICATION FACILITY COMPLIES WITH FEDERAL STANDARDS FOR RADIO FREQUENCY IN ACCORDANCE WITH THE TELECOMMUNICATION ACT OF 1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED BY STATE OR FEDERAL REGULATORY AGENCIES.

**STORM DRAIN INLET PROTECTION**



**TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS**

**NOTES:**

- INTENDED FOR SHORT-TERM USE.
- USE TO INHIBIT NON-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
<b>PROPOSED</b>	
	2' X 3' VAULT
	NEW STREET LIGHT
	NEW PEDESTAL
	TRENCH AND FIBER CONDUIT (PVT)
<b>EXISTING</b>	
	EXISTING STREET LIGHT
	EXISTING VAULT/HANDHOLE
	EXISTING PEDESTAL
	EXISTING TRANSFORMER
	STATION POINT (100' INCREMENTS)
	EXISTING CURB RAMP
	C&G EXISTING CURB & GUTTER
	R/W EXISTING RIGHT OF WAY
	CL EXISTING CENTER LINE
	PL EXISTING PROPERTY LINE

**ABBREVIATIONS**

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

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02	04-20-18	100% CONSTRUCTION DRAWINGS	JH

DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	FC	FC

PROJECT NUMBER:	ATTSBW02
FILE NAME:	GENERAL NOTES
DATE DRAWN:	05-12-17
SCALE:	AS SHOWN

SHEET:

[illegible]

1	SCALE:
	N.T.S.

SPECIFICATIONS	
DIMENSIONS (LXWXH)	(44.0" X 16.0" X 16.75")
WEIGHT	30 LBS
MANUFACTURER & MODEL	HP COMMUNICATIONS 003N

Technical drawing of the HP Communications 003N antenna mount, showing three views: Front View, Plan View, and Side View.

**Front View:** Shows the front of the mount. The overall width is 16.00 inches. The overall height is 16.75 inches. The mounting bracket at the top has a width of 3.13 inches. The base has a width of 14.00 inches.

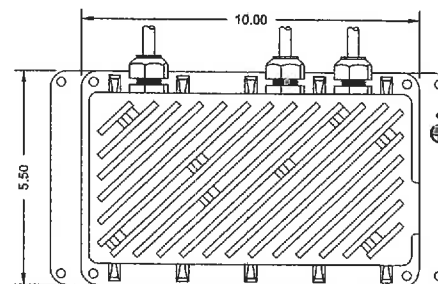
**Plan View:** Shows the top of the mount. The overall width is 16.00 inches. The overall height is 30.00 inches. The mounting bracket at the top has a width of 3.13 inches. The base has a width of 14.00 inches.

**Side View:** Shows the side of the mount. The overall length is 42.00 inches. The mounting bracket at the top has a width of 3.13 inches. The base has a width of 14.00 inches.

4	SCALE:
	N.T.S.

SPECIFICATIONS	
DIMENSIONS (HXWXD)	(5.5" x 10.0" x 2.8")
WEIGHT	4.2 LBS
PART NO.	LPR48-150-IP68

INPUT VOLTAGE:.....200 TO 380VDC ( $\pm 100$  TO  $\pm 190$ VDC)  
NUMBER OF INPUTS:.....2  
INPUT CURRENT PER FEED:.....245MA MAX  
OUTPUT VOLTAGE:.....-53 TO -55VDC  
OUTPUT POWER:.....UP TO 150 W (THE POWER AVAILABLE FROM THE UNIT DEPENDS ON THE DISTANCE FROM THE UP-CONVERTER AND WIRE GAUGE OF THE TWISTED COPPER PAIRS)  
OUTPUT CURRENT:.....3.1A MAX (DE-RATES WITH INPUT VOLTAGE)  
EFFICIENCY:.....90%  
ELECTRICAL NOISE:.....<100MV RMS TO 20MHZ (WIDE BAND)  
                    <500MVP-P TO 20MHZ  
HOLDUP:.....>150 MILLISECOND AT 100W LOAD  
LOAD SHARING:.....WITHIN 10%  
  
CONNECTIONS:.....THREE BLUNT CUT CABLES (INPUT, OUTPUT, ALARM)



2	SCALE
	NTS

**FREQUENCY BANDS**

BANDS: 3GPP BANDS B1 (W/L), B3 (L), B3C (W/L), B8 (W/L), B66A (W/L), B5 (W/L), B2/B25 (W/L), B12 (L), B13 (L) AND B7 (L)

**HW CAPACITY**

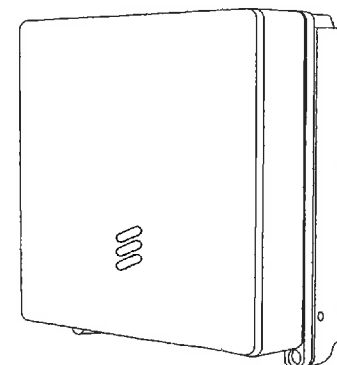
CARRIER CAPACITY WCDMA: UP TO 4 CARRIERS  
CARRIER CAPACITY LTE: UP TO 40 MHZ  
IBW: B1, B3 AND B66A 45 MHZ. B2/B25 AND B7 40 MHZ. B3C, B8, B5, B12 AND B13 FULL BAND  
MIMO: YES, 2T/2R  
OUTPUT POWER: UP TO 2 X 5 W

**INTERFACE SPECIFICATIONS**

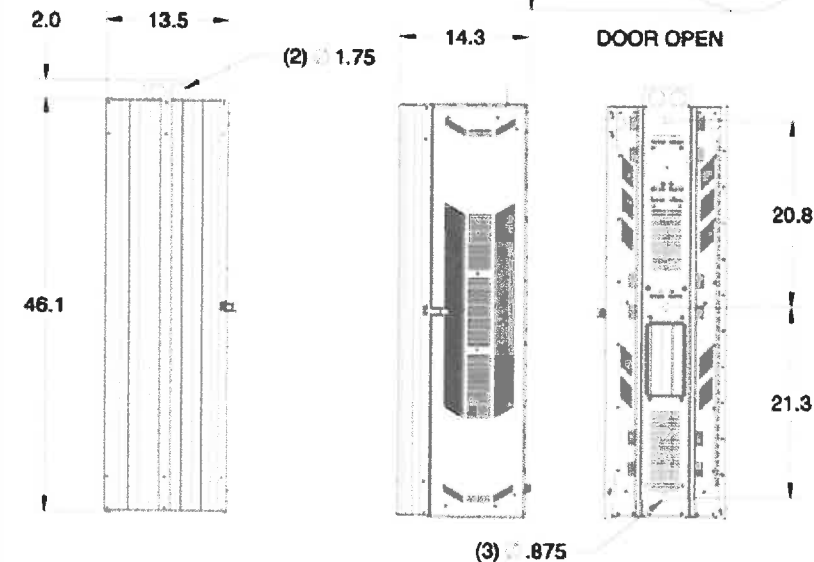
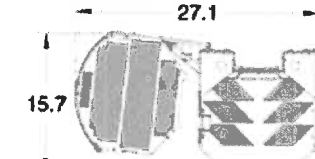
ANTENNA PORTS: 2 X 4.3-10 (F)  
CPRI: 2 X 2.5/5/10 GBPS (EXCHANGEABLE SFP MODULES)  
OPTICAL INDICATORS: 6  
EXTERNAL ALARMS: 2  
FIELD GROUND: 1

**ELECTRICAL SPECIFICATIONS**

POWER SUPPLY: -48 VDC OR 100 - 250 VAC



5	SCALE:
	N.T.S.



3	SCALE:
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**FREQUENCY BANDS**

BANDS: 3GPP BANDS B41

**HW CAPACITY**

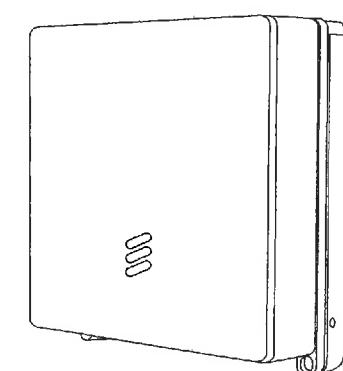
CARRIER CAPACITY LTE: UP TO 40 MHZ  
IBW: 40MHz TDD  
MIMO: YES, 2T/2R  
OUTPUT POWER: UP TO 2x5W

**INTERFACE SPECIFICATIONS**

ANTENNA PORTS: 2 x 4.3~10(f)  
CPRI: 2 x 10 GBPS (EXCHANGEABLE SFP MODULES)  
OPTICAL INDICATORS: 6  
EXTERNAL ALARMS: 2  
FIELD GROUND: 1


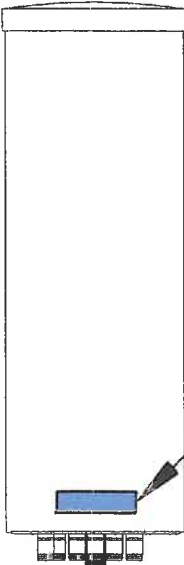
**ELECTRICAL SPECIFICATIONS**

POWER SUPPLY: ~48 VDC OR 100 - 250 VAC



6	SCALE:
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SHEET: D-1

		CROWN CASTLE NG WEST JOB # 414617				HUB: ATTSBW02	
NOT USED		1	SCALE: N.T.S.	NOT USED	2	SCALE: N.T.S.	NOT USED
<div>6"</div> <div>1"</div> <div><div>NOTICE</div><div>RF energy emitted by this device may exceed the FCC's general public exposure limits. Stay at least 1 foot away from the device. Call 800-638-2822 for help if you need access within 1 foot.</div></div> <div><div>Apply <u>two</u> NOTICE stickers opposite each other around the bottom of the antenna or antenna radome.</div></div>							
NO1-DC-16 NOTICE DECAL		4	SCALE: N.T.S.	NOT USED	5	SCALE: N.T.S.	NOT USED

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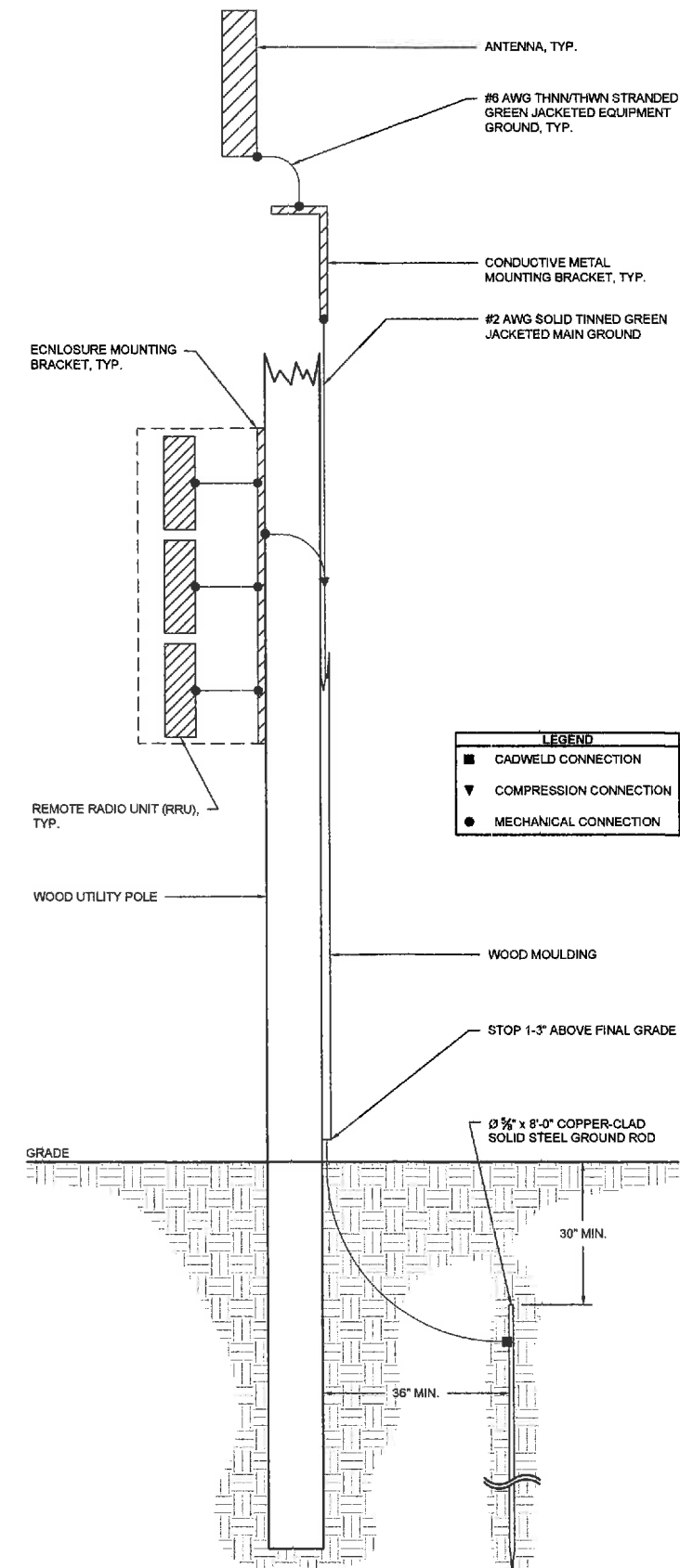
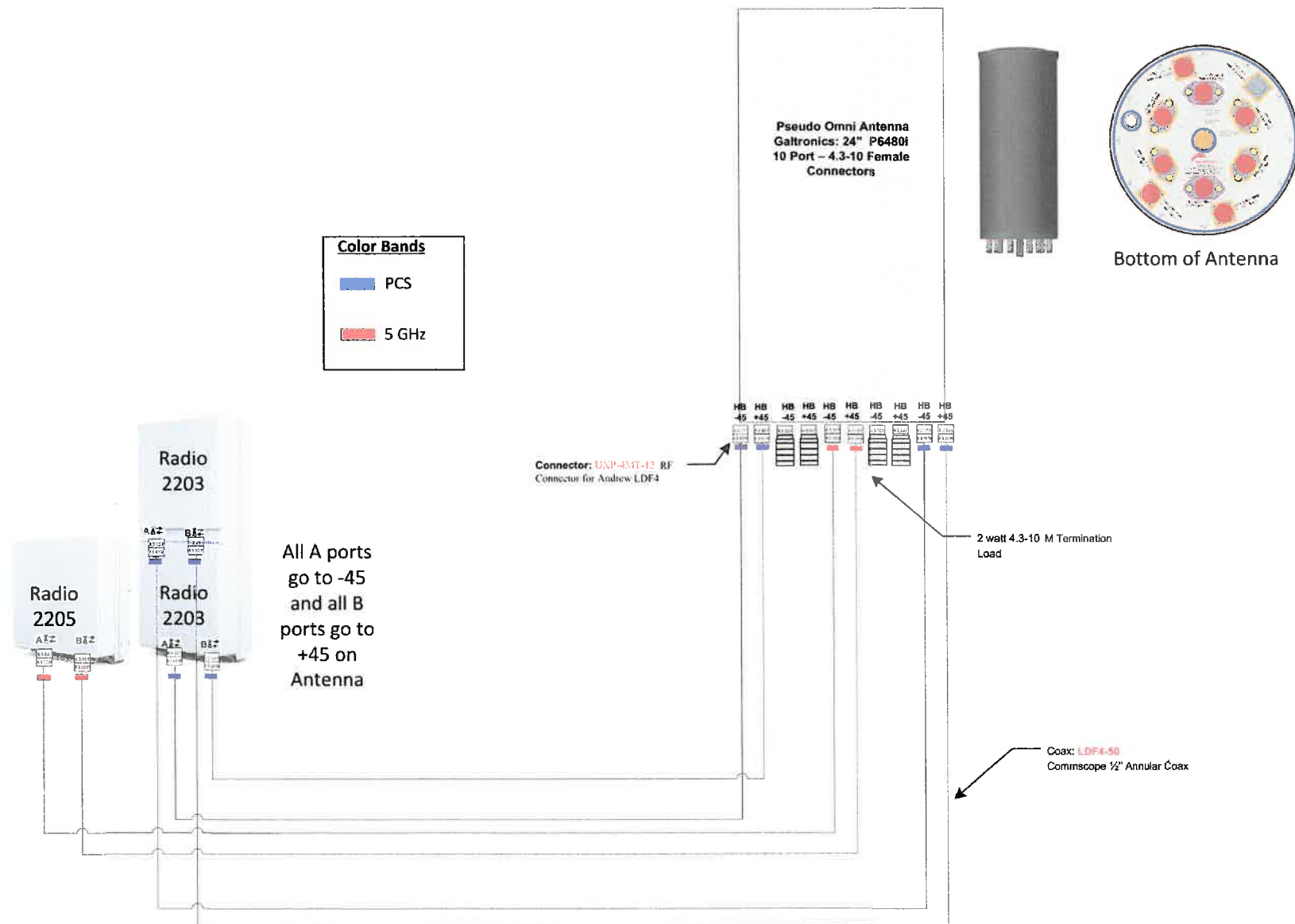
REVISIONS

REV	DATE	DESCRIPTION	BY
00	05-12-17	FOR CG REVIEW	JH/DG
01	08-19-17	100% CONSTRUCTION DRAWINGS	JD
02	04-20-18	100% CONSTRUCTION DRAWINGS	JH

DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	FC	FC

PROJECT NUMBER:	ATTSBW02
FILE NAME:	EQUIPMENT DETAILS
DATE DRAWN:	05-12-17
SCALE:	AS SHOWN

SHEET:  
D-2



ENGINEER:

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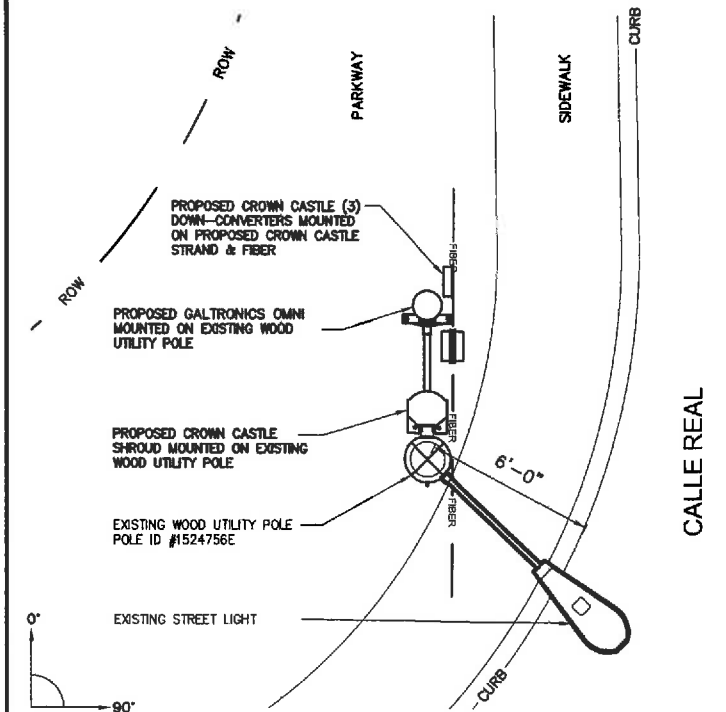
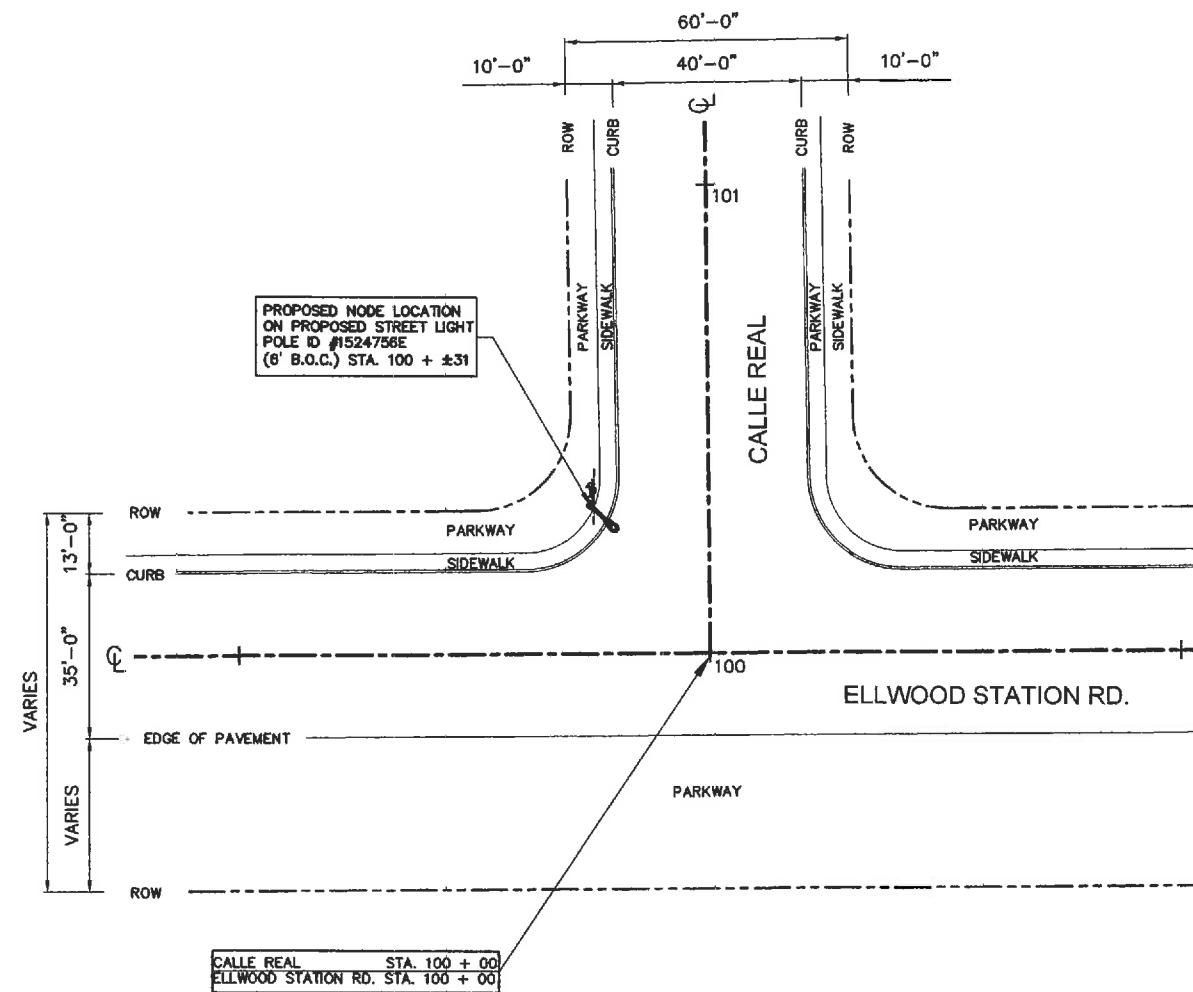
PROJECT NUMBER:	ATTSBW02
FILE NAME:	PLUMBING DIAGRAM
DATE DRAWN:	05-12-17
SCALE:	AS SHOWN

SHEET: D-3



NODE NUMBER: ATTSBW02  
ADDRESS: B/O 2 SAN MILANO DR.  
LATS: 34.432832° & LONGS: -119.885247°  
AZIMUTH: N/A°

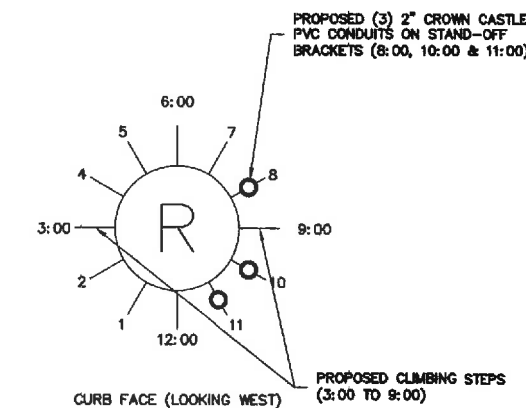
SITE NOTES



ENLARGED SITE PLAN

3/16" = 1'-0"  
4' 2' 0"

2



SITE PLAN

1" = 40'-0"  
40' 20' 0' 40'

1 RISER DIAGRAM

SCALE:  
N.T.S.

3

SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION
○	TELEPHONE POLE	●	STEEL POLE	+	RISER R-height	—	OVERHEAD GUY	—	CALLOUT / POLE NUMBER	○	CAN / SPOUSE ENCLOSURE	—	OVERHEAD FIBER OPTIC LINE	⊙	HUB	△	TOWER - LATTICE
×	POWER POLE	●	CONCRETE POLE	+	ANCHOR	—	POLE TO POLE GUY	—	ABOVE GROUND PEDESTAL	—	CROWN OWNED UG	—	UG FIBER OPTIC LINE	⊙	ANTENNAE	○	TOWER - MONOPOLE
●	JOINT POLE	●	POLE - TEMPORARY	+	QUEENS POST ANCHOR	—	SPAN NOT STRANDED	—	17x30 VAULT	—	CROWN OWNED UG	—	FIBER JUMPER/TAIL	⊙	FIBER NODE/REMOTE EQUIPMENT	△	BRIDGE
■	TRANSFORMER POLE	●	CROWN CASTLE OWNED POLE	+	SIDEWALK ANCHOR	—	GROUND LOCATION	—	24x36 VAULT	—	CROWN OWNED UG	—	FIBER SLACK	⊙			
●	JOINT TRANSFORMER POLE	●	TRAFFIC SIGNAL POLE	+	ROCK ANCHOR	—	BOND LOCATION	—	MAN-HOLE - LEASED	—	STRUCTURE ATTACHED PIPE	—	FIBER COUNT	⊙			
●	CATV POLE	★	LIGHT POLE	+	BUILDING ANCHOR	—	EXISTING STRAND	—	MAN-HOLE - LEASED	—	CROWN LEASED UG	—	FIBER OPTIC SPLICER	⊙			

SITE PLAN & ENLARGED SITE PLAN



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SCALE:	AS SHOWN

SHEET: A-1



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JOB # 414617  
GOLETA

REVISIONS

REV	DATE	DESCRIPTION	BY
00	05-12-17	FOR CC REVIEW	JH/DG
01	06-19-17	100% CONSTRUCTION DRAWINGS	JD
02	04-20-18	100% CONSTRUCTION DRAWINGS	JH

DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	FC	FC

PROJECT NUMBER:	ATTSBW02
FILE NAME:	EXISTING ELEVATIONS
DATE DRAWN:	05-12-17
SCALE:	AS SHOWN

SHEET: **A-2**

30'-5" TOP OF EXISTING WOOD UTILITY POLE  
29'-7" EXISTING SECONDARY

25'-0" EXISTING STREETLIGHT ARM

0'-0" FINISHED GRADE

EXISTING WOOD UTILITY POLE  
POLE ID #1524756E

6'-0"

ELEVATION LOOKING NORTH

3/16" = 1'-0"  
4' 2' 0' 4'

1

30'-5" TOP OF EXISTING WOOD UTILITY POLE  
29'-7" EXISTING SECONDARY

25'-0" EXISTING STREETLIGHT ARM

0'-0" FINISHED GRADE

ELEVATION LOOKING WEST

3/16" = 1'-0"  
4' 2' 0' 4'

2

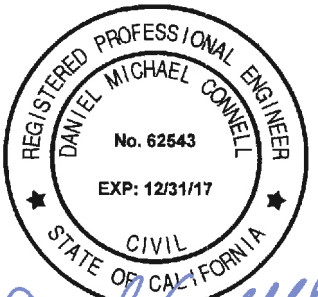
CROWN CASTLE NG WEST  
JOB # 414617

HUB:

ATTSBW02

NOTE: UPON INSTALLATION, EXISTING EQUIPMENT AND  
SIGNS TO MATCH CURRENT CITY INFRASTRUCTURE  
ATTACHMENT HEIGHT (UNLESS NOTED)

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SIGNS TO MATCH CURRENT CITY INFRASTRUCTURE  
ATTACHMENT HEIGHT (UNLESS NOTED)



ENGINEER:

**INFINIGY8** Design.  
Build.  
Deliver.

26455 RANCHO PKWY. SOUTH  
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JOB NUMBER: 414617

OWNER/DEVELOPER:



300 SPECTRUM CENTER DR, SUITE 1200  
IRVINE, CA 92618

TITLE:

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PROPOSED ELEVATIONS

DATE DRAWN:

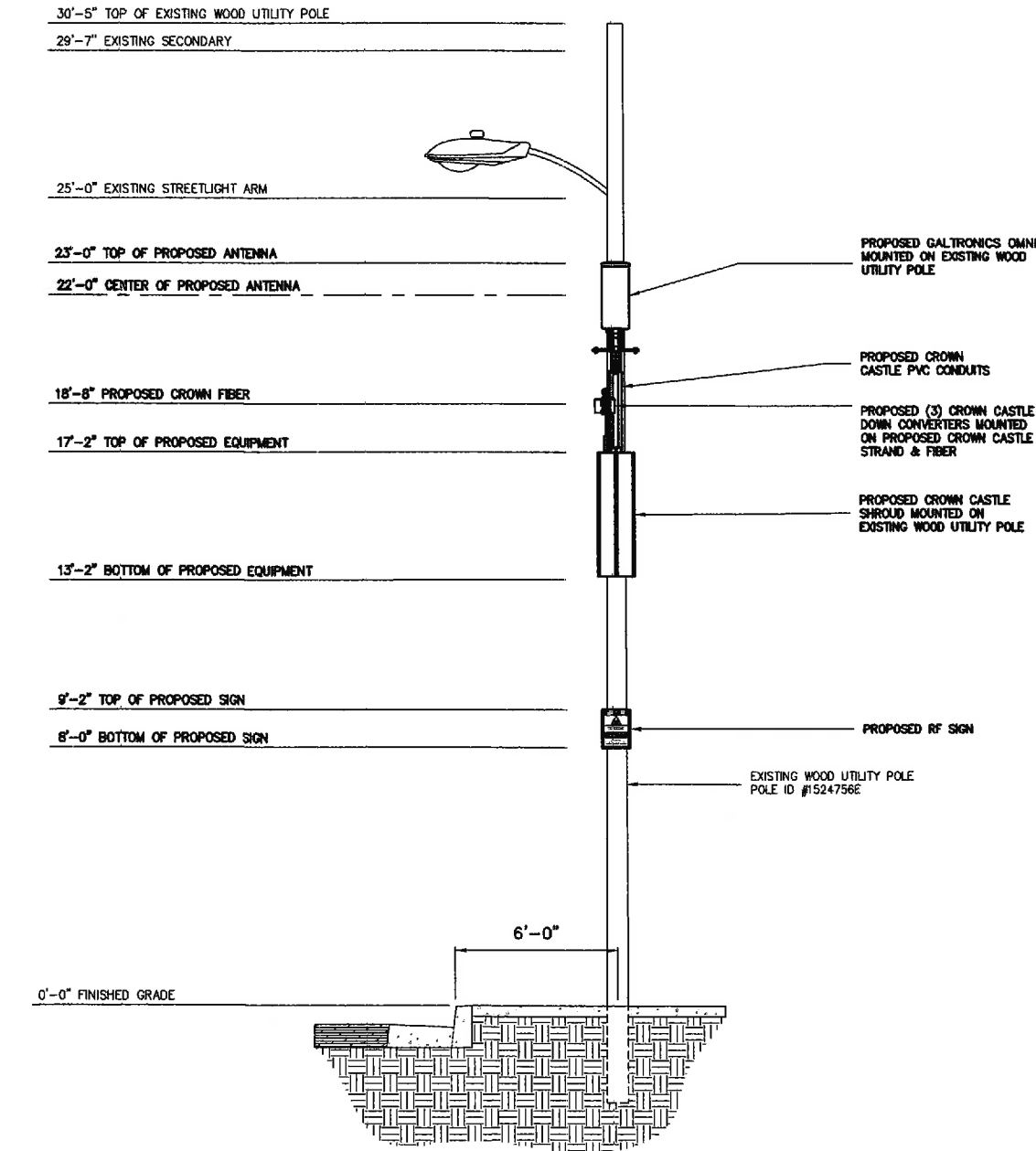
05-12-17

SCALE:

AS SHOWN

SHEET:

A-3

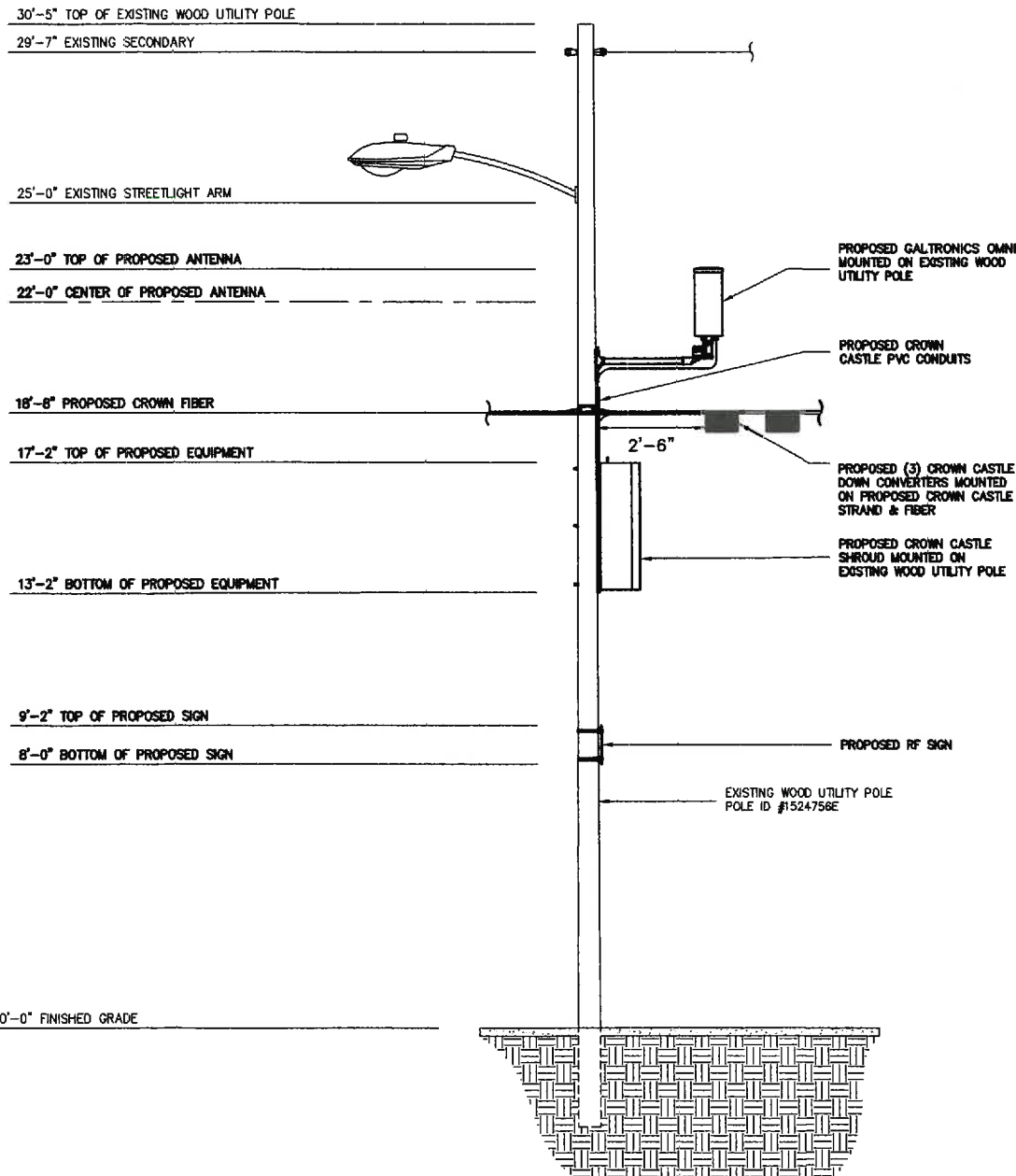


ELEVATION LOOKING SOUTH

3/16" = 1'-0"



1



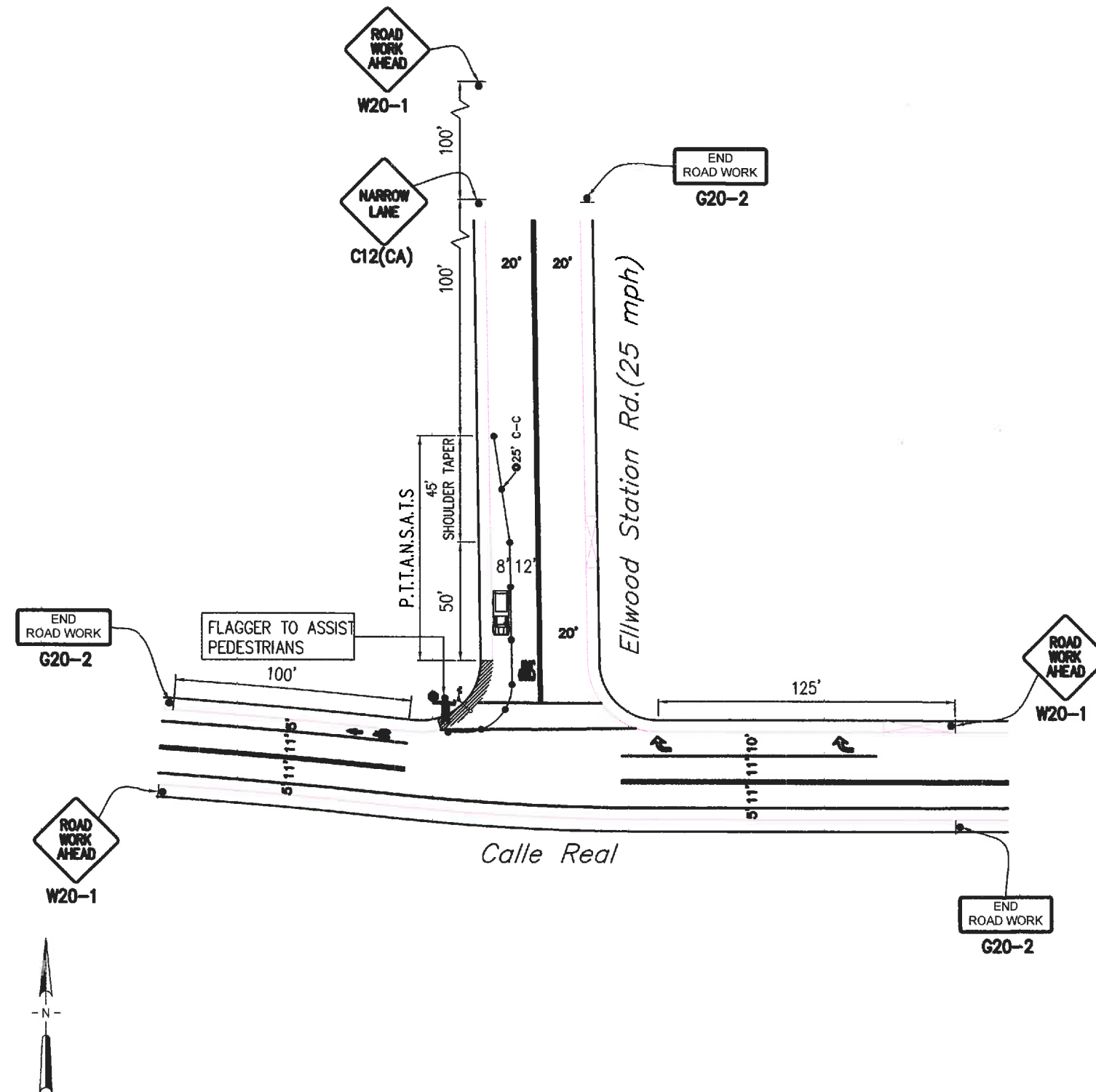
ELEVATION LOOKING WEST

3/16" = 1'-0"



2





LEGEND:

	= WORK AREA		= EXISTING DRIVEWAY
	= TRAFFIC CONE		= TYPE II BARRICADE
	= HIGH LEVEL WARNING DEVICE		= EXISTING RED CURB
	= PORTABLE SIGN		= DOUBLE YELLOW LANE LINES
	= EXISTING SIGN		= EXISTING STRIPING
	= TYPE III BARRICADES		= SIGNALIZED INTERSECTION
	= TYPE III BARRICADES W/SIGN		= EXISTING LANE FLOW DIRECTION
	= FLASHING ARROW BOARD		= CHANGEABLE MESSAGE SIGN
	= FLAGGER		
	= DIRECTION OF TRAFFIC FLOW		

TRAFFIC CONTROL PLAN GENERAL NOTES

- ALL WORK AND MATERIALS MUST COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL STRIPING AND MARKINGS MUST CONFORM TO CALTRANS REVISED STANDARD PLANS AND SPECIFICATIONS, INCLUDING RSP A-20, DETAILS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AND DRIVEWAYS AT ALL TIMES.
- FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES ADJACENT TO THE WORK AREA OVERNIGHT.
- ALL SIGNS SHALL BE REFLECTORIZED AND OF STANDARD SIZE.
- ALL TUBULAR DELINEATORS AND CONES SHALL BE A MINIMUM HEIGHT OF 28", REFLECTORIZED, AND MAINTAINED UPRIGHT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY. A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE SHALL BE INCLUDED IF DEVICES ARE USED DURING NIGHT-TIME HOURS.
- THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
- THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
- CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ADJUTING PROPERTY OWNERS AND BUSINESSES.
- ADDITIONAL TRAFFIC CONTROLS, SIGNS, OR BARRICADES MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ENSURE SAFETY OF THE PUBLIC AND WORKERS AT ALL TIMES DURING CONSTRUCTION.
- EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS MAY VARY BASED ON FIELD CONDITIONS.
- MOVE CONES, DELINEATORS AND BARRICADES FROM TRAVELED WAY DURING NON-WORKING HOURS.
- REMOVE, COVER AND/OR POWER OFF ALL SIGNS DURING NON-WORKING HOURS.
- ALL CONFLICTING MARKINGS SHALL BE COVERED/REMOVED BY APPROVED METHOD PRIOR TO INSTALLATIONS OF NEW/TEMPORARY MARKINGS. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. ANY PAVEMENT DAMAGED DUE TO REMOVAL OF MARKINGS AND/OR MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER OR INSPECTOR.
- HALF-ROAD CLOSURES REQUIRE APPROVAL BY THE DEPARTMENT OF PUBLIC WORKS.
  - ANY PAVEMENT MARKINGS AND OR RAISED PAVEMENT MARKERS REMOVED/DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO THE SATISFACTION OF THE CITY ENGINEER OR INSPECTOR.
- CONTRACTOR IS RESPONSIBLE FOR ANY/ALL DAMAGES TO EXISTING TRAFFIC SIGNAL EQUIPMENT SUCH AS INDUCTION LOOPS, DETECTORS, CONDUIT, ETC.
- CONTRACTOR SHALL CONTACT THE APPROPRIATE TRANSIT AUTHORITY 72 HOURS PRIOR TO START OF WORK TO TEMPORARILY RELOCATE AFFECTED BUS STOPS.
- ALL EXCAVATIONS SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY. ASPHALT RAMPS SHALL BE PLACED AROUND EACH TRENCH PLAT TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR AND MAINTAIN TRENCH PLATES TO ENSURE SAFETY OF THE PUBLIC AT ALL TIMES, INCLUDING NON-WORKING HOURS.
- TEAR DOWN AND SET UP TEMPORARY TRAFFIC CONTROL DEVICES DAILY.

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SHEET:	TC-1
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