

COUNTY OF SANTA CRUZ
PLANNING DEPARTMENT
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060
(831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 251063 APN: NO APN
SITUS: LAT/LONG 36.971050,-122.124400

Proposal to modify five (5) existing small cell wireless communication facilities located on existing utility poles within the public right-of-way. Modifications include replacement shrouds and two new radios (inside) at all five sites, two replacement antennas at DAV 2 and two new antennas (T-Mobile) at DAV 3. No ground disturbance is proposed. Requires a Minor Coastal Development Permit renewing and amending permits 111114(DAV 2, 3, 5),161249 / 201219 (DAV 17) and161253 / 201219 (DAV 21).

DAV 2 (36.971050,-122.124400) inland side of Ste Rte 1, 1.2 miles north of the intersection with Dimeo Lane - (2) replacement antennas, 2 new radios, 1 replacement shroud

APPLICANT: Sharon James
SUPERVISORIAL DISTRICT: 3
PLANNER: Jerry Busch, (831) 454 -3234
EMAIL: Jerry.Busch@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. 01/14/2026 A decision will be made on or shortly after 01/15/2026.
Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

COUNTY OF SANTA CRUZ
PLANNING DEPARTMENT
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060
(831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 251063 APN: NO APN
SITUS: LAT/LONG 36.981293, -122.140270

Proposal to modify five (5) existing small cell wireless communication facilities located on existing utility poles within the public right-of-way. Modifications include replacement shrouds and two new radios (inside) at all five sites, two replacement antennas at DAV 2 and two new antennas (T-Mobile) at DAV 3. No ground disturbance is proposed. Requires a Minor Coastal Development Permit renewing and amending permits 111114(DAV 2, 3, 5),161249 / 201219 (DAV 17) and161253 / 201219 (DAV 21).

DAV 3 (36.981293, -122.140270) inland side of Ste Rte 1, 0.2 miles north of the intersection with Back Ranch Road - (2) new antennas, 2 new radios, 1 replacement shroud

APPLICANT: Sharon James
SUPERVISORIAL DISTRICT: 3
PLANNER: Jerry Busch, (831) 454 -3234
EMAIL: Jerry.Busch@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. 01/14/2026 A decision will be made on or shortly after 01/15/2026.
Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

COUNTY OF SANTA CRUZ
PLANNING DEPARTMENT
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060
(831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 251063 APN: NO APN
SITUS: LAT/LONG 37.040873, -122.2243

Proposal to modify five (5) existing small cell wireless communication facilities located on existing utility poles within the public right-of-way. Modifications include replacement shrouds and two new radios (inside) at all five sites, two replacement antennas at DAV 2 and two new antennas (T-Mobile) at DAV 3. No ground disturbance is proposed. Requires a Minor Coastal Development Permit renewing and amending permits 111114(DAV 2, 3, 5),161249 / 201219 (DAV 17) and161253 / 201219 (DAV 21).

DAV 5 (37.040873, -122.2243) seaward side of Swanton Road, 1.2 miles north of the intersection with Ste. Rte. 1 - 2 new radios, 1 replacement shroud

APPLICANT: Sharon James
SUPERVISORIAL DISTRICT: 3
PLANNER: Jerry Busch, (831) 454 -3234
EMAIL: Jerry.Busch@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. 01/14/2026 A decision will be made on or shortly after 01/15/2026.

Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

COUNTY OF SANTA CRUZ
PLANNING DEPARTMENT
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060
(831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 251063 APN: NO APN
SITUS: LAT/LONG 37.018104, -122.204325

Proposal to modify five (5) existing small cell wireless communication facilities located on existing utility poles within the public right-of-way. Modifications include replacement shrouds and two new radios (inside) at all five sites, two replacement antennas at DAV 2 and two new antennas (T-Mobile) at DAV 3. No ground disturbance is proposed. Requires a Minor Coastal Development Permit renewing and amending permits 111114(DAV 2, 3, 5),161249 / 201219 (DAV 17) and161253 / 201219 (DAV 21).

DAV 17m2 (37.018104, -122.204325) seaward side of Cement Plant Rd., 150' south of the intersection wth First Ave. - 2 new radios, 1 replacement shroud

APPLICANT: Sharon James
SUPERVISORIAL DISTRICT: 3
PLANNER: Jerry Busch, (831) 454 -3234
EMAIL: Jerry.Busch@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. 01/14/2026 A decision will be made on or shortly after 01/15/2026.
Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

COUNTY OF SANTA CRUZ
PLANNING DEPARTMENT
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060
(831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 251063 APN: NO APN
SITUS: LAT/LONG 37.013741, -122.19029298

Proposal to modify five (5) existing small cell wireless communication facilities located on existing utility poles within the public right-of-way. Modifications include replacement shrouds and two new radios (inside) at all five sites, two replacement antennas at DAV 2 and two new antennas (T-Mobile) at DAV 3. No ground disturbance is proposed. Requires a Minor Coastal Development Permit renewing and amending permits 111114(DAV 2, 3, 5),161249 / 201219 (DAV 17) and161253 / 201219 (DAV 21).

DAV 21m (37.013741, -122.19029298) east side of San Vicente Road, 976 feet north of the intersection with Marine View - 2 new radios, 1 replacement shroud

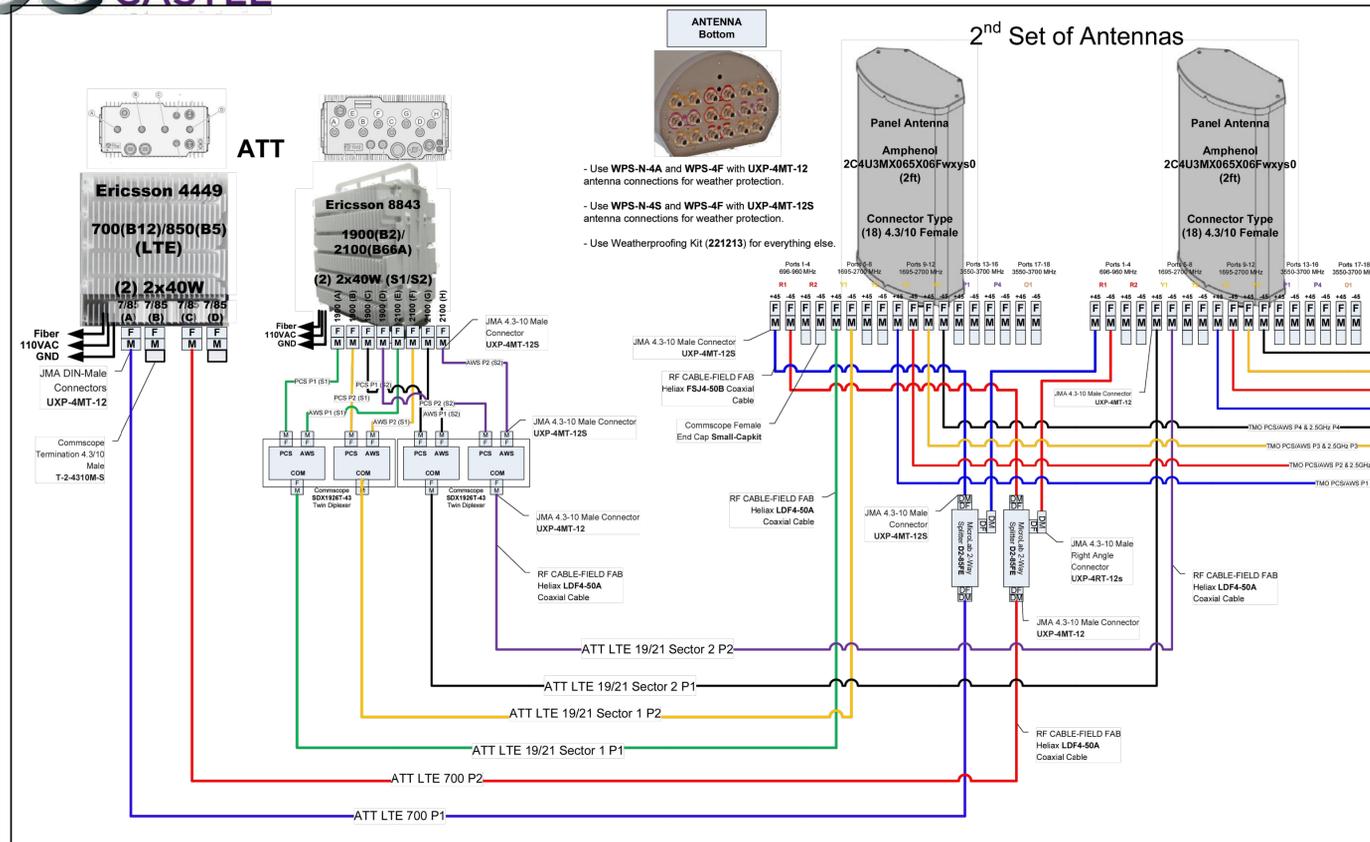
APPLICANT: Sharon James
SUPERVISORIAL DISTRICT: 3
PLANNER: Jerry Busch, (831) 454 -3234
EMAIL: Jerry.Busch@santacruzcountyca.gov

Public comments must be received by 5:00 p.m. 01/14/2026 A decision will be made on or shortly after 01/15/2026.

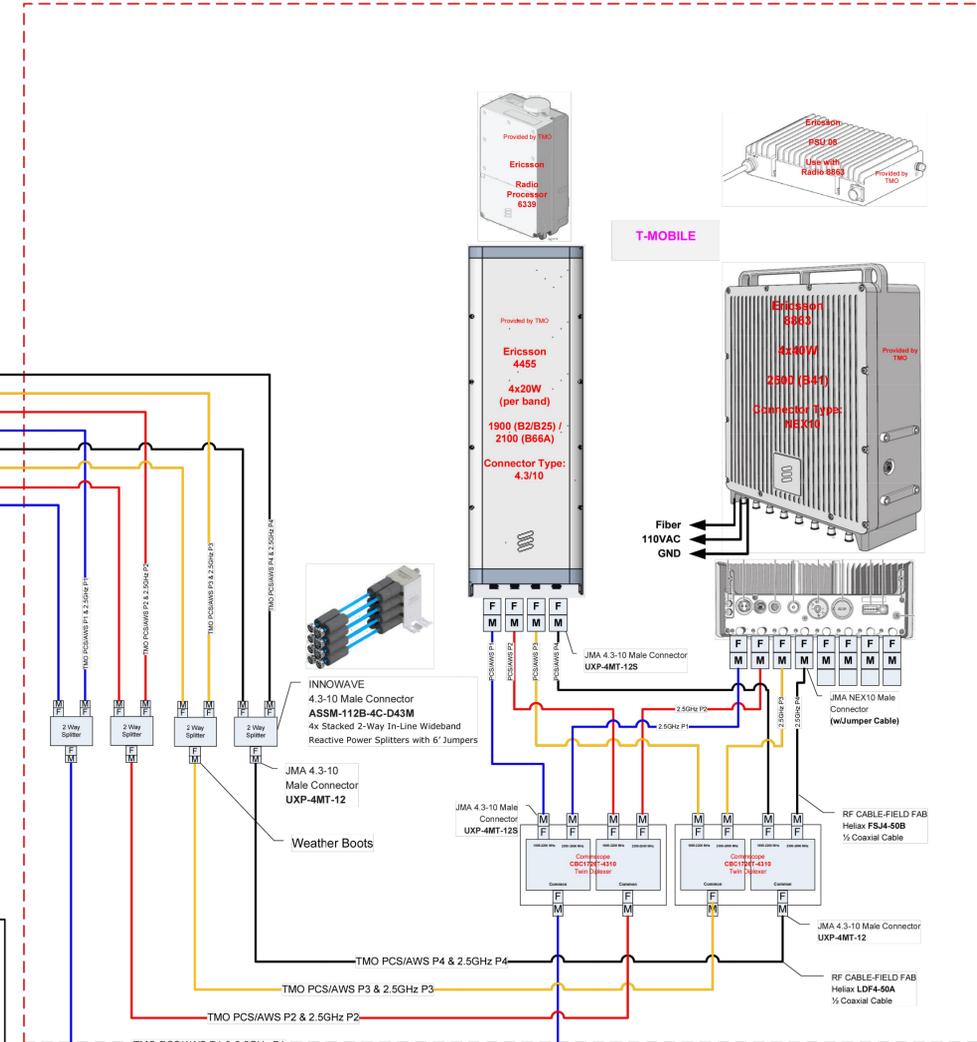
Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date. Planner will provide notification of decision to any requesting party.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

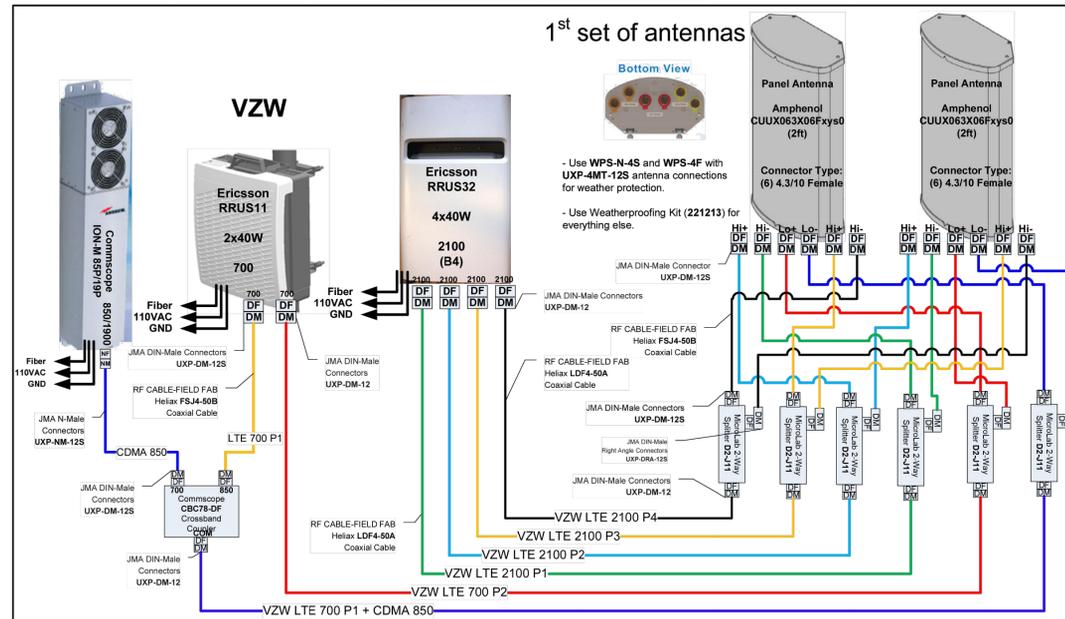
Keep Existing Components



New Components are highlighted in broken red lines



Keep Existing Components



CROWN CASTLE
CROWN CASTLE
2055 S. STEARMAN DRIVE,
CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
10/10/2025
PROJECT NAME: TMO OMNI SAN FRANCISCO
TPE-03561202
NODE ADDRESS: ACROSS 231 SAN
VICENTE ST DAVENPORT, CA 94006
COORDINATES: 37.013862, -122.190386
POLE ID: 120770736
POLE TYPE: EXISTING WOOD
CUSTOMER NODE ID: SF00068A_41LAB
CROWN NODE ID: DAV-021M
HUB NAME: TMO Hub(SF05812A)
CARRIER: T-MOBILE
SCL: 425553
AZIMUTH: 20/215, 215

PREPARED BY:
Kimley Horn
3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
E	10/10/2025	ISSUED FOR REVIEW
D	03/27/2025	ISSUED FOR REVIEW
C	10/08/2024	ISSUED FOR REVIEW

PROJECT NAME
TMO OMNI SAN FRANCISCO
TPE-03561202
CROWN NODE ID NUMBER
DAV-021M

NODE ADDRESS
ACROSS 231 SAN VICENTE ST
DAVENPORT, CA 94006

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER IN HOUSE
KHCLC-61746 DRAWN BY: RCG
CHECKED BY: TDR

SHEET TITLE
WIRING DIAGRAM

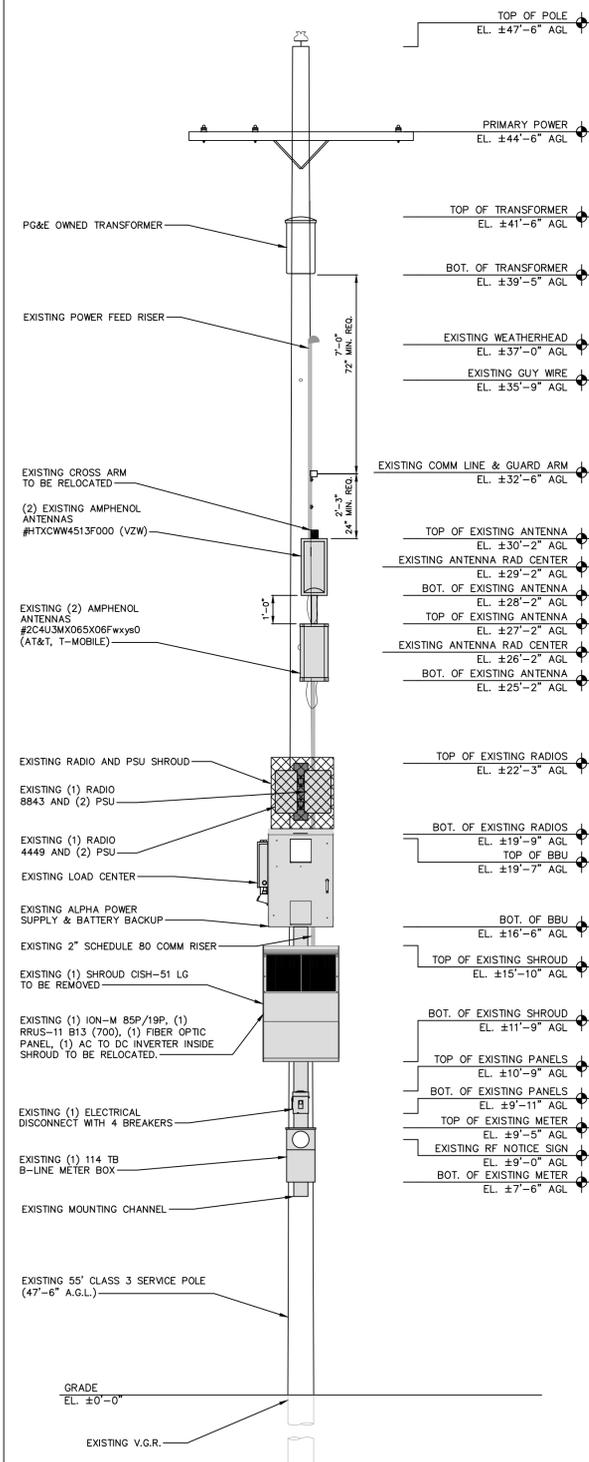
SHEET NUMBER PAGE
D1.5 9 OF 9

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

(E) POLE TYPE: WOOD POLE
 (E) POLE HEIGHT: 47'-6"
 (E) POLE OWNER: PG&E

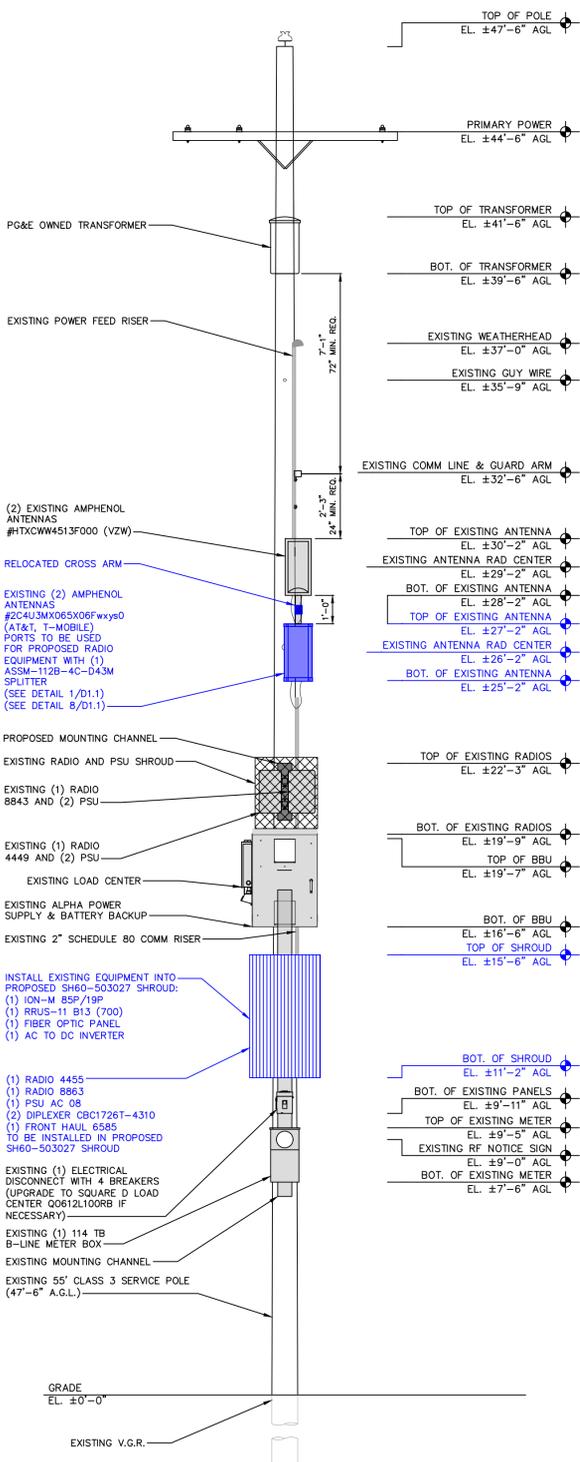
(E) POLE ID #: 120240651

POLE INFORMATION SCALE: N.T.S. 1



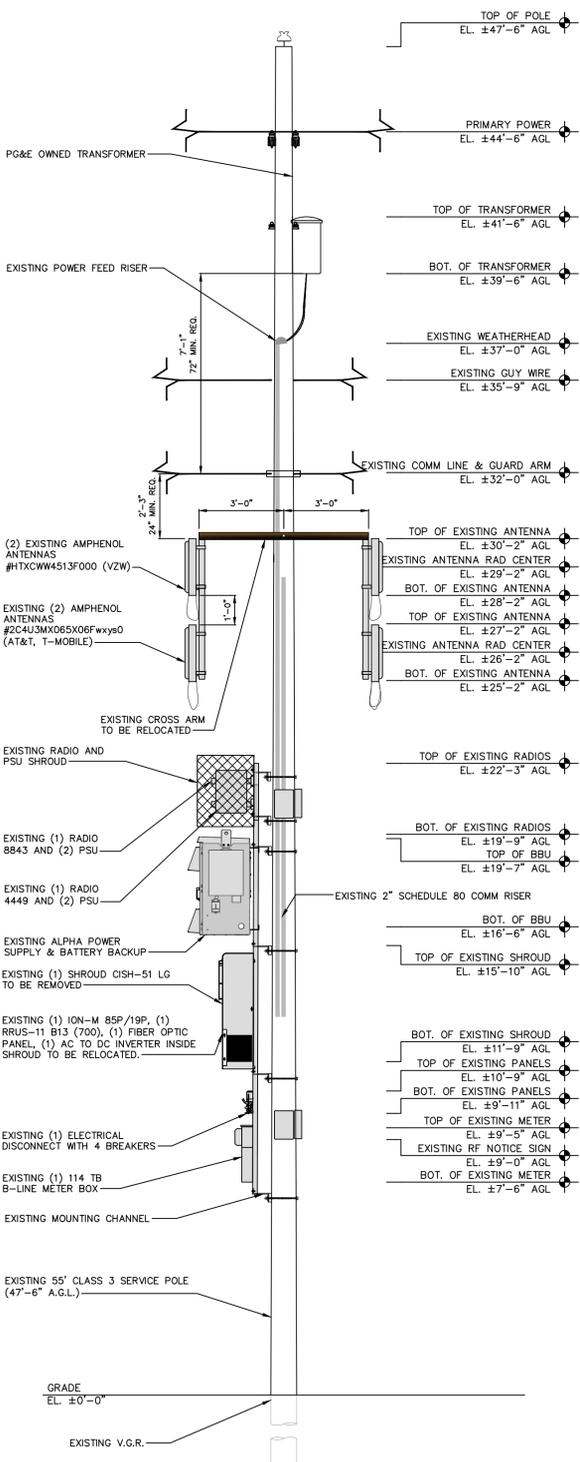
POLE ELEVATIONS - EXISTING (LOOKING NORTHWEST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 4

NOTES:
 1. ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED
 2. ALL AZIMUTHS SHOWN ON THIS PAGE ARE GENERIC - SEE PAGE A1.1 FOR SPECIFIC AZIMUTH DETAILS
 3. ALL NEW EQUIPMENT TO BE PAINTED / WRAPPED TO MATCH POLE COLOR



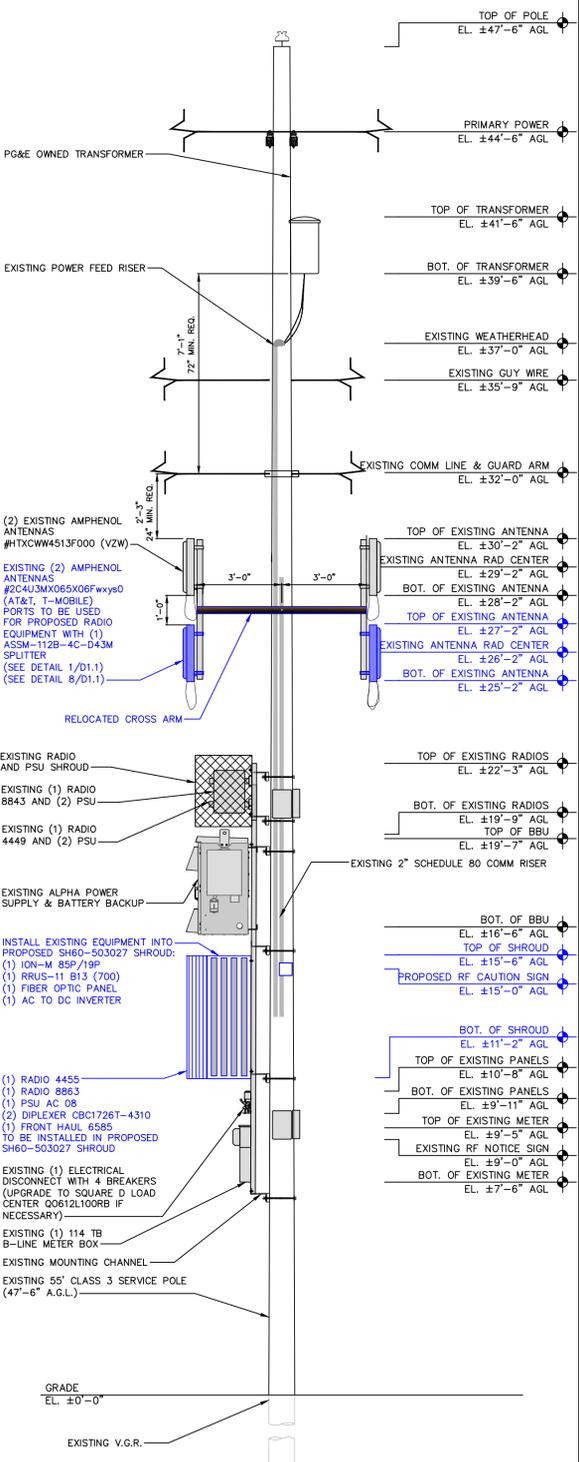
POLE ELEVATIONS - PROPOSED (LOOKING NORTHWEST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 8

NOTES:
 1. ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED
 2. ALL AZIMUTHS SHOWN ON THIS PAGE ARE GENERIC - SEE PAGE A1.1 FOR SPECIFIC AZIMUTH DETAILS
 3. ALL NEW EQUIPMENT TO BE PAINTED / WRAPPED TO MATCH POLE COLOR



POLE ELEVATIONS - EXISTING (LOOKING SOUTHWEST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 12

NOTES:
 1. ALL BLUE COLORED EQUIPMENT IS NEW OR EXISTING-TO-BE-MODIFIED
 2. ALL AZIMUTHS SHOWN ON THIS PAGE ARE GENERIC - SEE PAGE A1.1 FOR SPECIFIC AZIMUTH DETAILS
 3. ALL NEW EQUIPMENT TO BE PAINTED / WRAPPED TO MATCH POLE COLOR

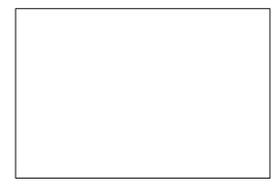


POLE ELEVATIONS - PROPOSED (LOOKING SOUTHWEST) 24"x36" PLOT: 3/8" = 1'-0" 11"x17" PLOT: 3/16" = 1'-0" 20



CROWN CASTLE
 CROWN CASTLE
 2055 S. STEARMAN DRIVE,
 CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
 10/10/2025
 PROJECT NAME: TMO OMNI SAN FRANCISCO
 TPE-03561202
 NODE ADDRESS: 145 FT SW OF 1 1ST AVE
 DAVENPORT, CA 95017
 COORDINATES: 37.018104°, -122.204325°
 POLE ID: 120240651
 POLE TYPE: EXISTING WOOD
 CUSTOMER NODE ID: SF00068A.21LAB
 CROWN NODE ID: DAV-017M2
 HUB NAME: TMO Hub(SF05812A)
 CARRIER: T-MOBILE
 SCU: 425581
 AZIMUTH: 130, 325



PREPARED BY:
Kimley Horn
 3875 EMBASSY PARKWAY, SUITE 280
 AKRON, OH 44333
 PHONE: (216) 505-7775
 WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
E	10/10/2025	ISSUED FOR REVIEW
D	03/27/2025	ISSUED FOR REVIEW
C	10/1/2024	ISSUED FOR REVIEW

PROJECT NAME

TMO OMNI SAN FRANCISCO
 TPE-03561202

CROWN NODE ID NUMBER
 DAV-017M2

NODE ADDRESS
 145 FT SW OF 1 1ST AVE
 DAVENPORT, CA 95017

HUB NAME
 TMO Hub(SF05812A)

KH JOB NUMBER IN HOUSE
 KHCLC-61744 DRAWN BY: GJF
 CHECKED BY: TDR

SHEET TITLE
 POLE ELEVATIONS

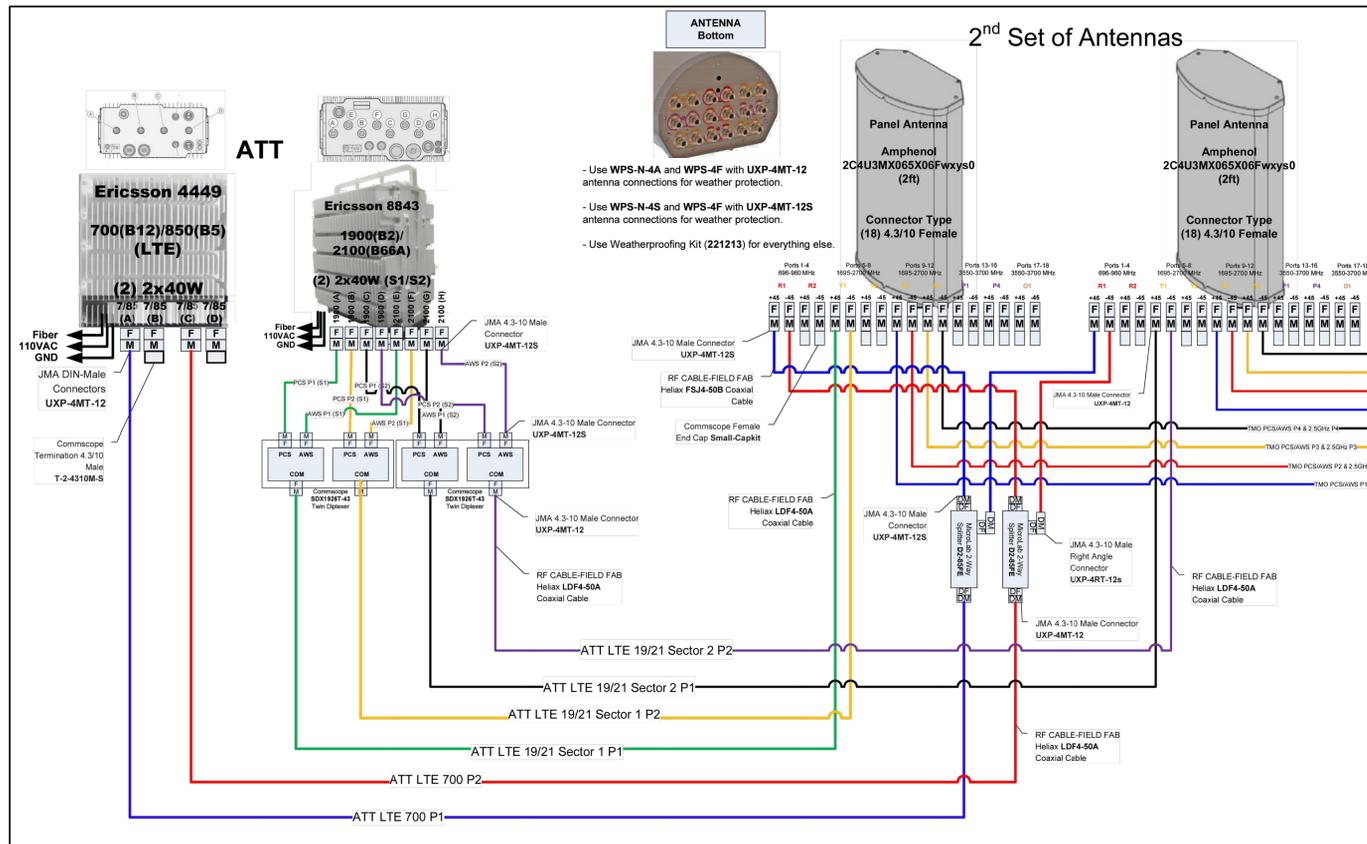
SHEET NUMBER PAGE
 A1.2 3 OF 9

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

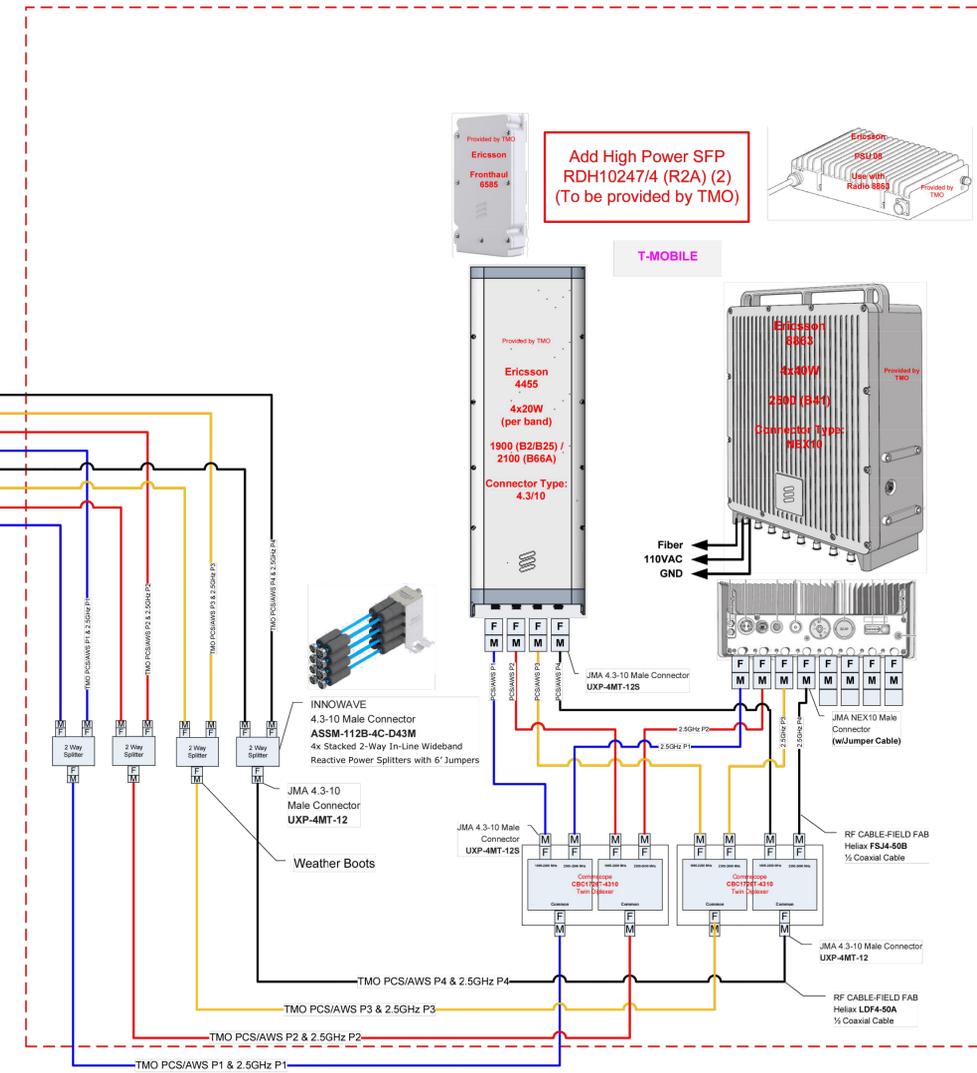
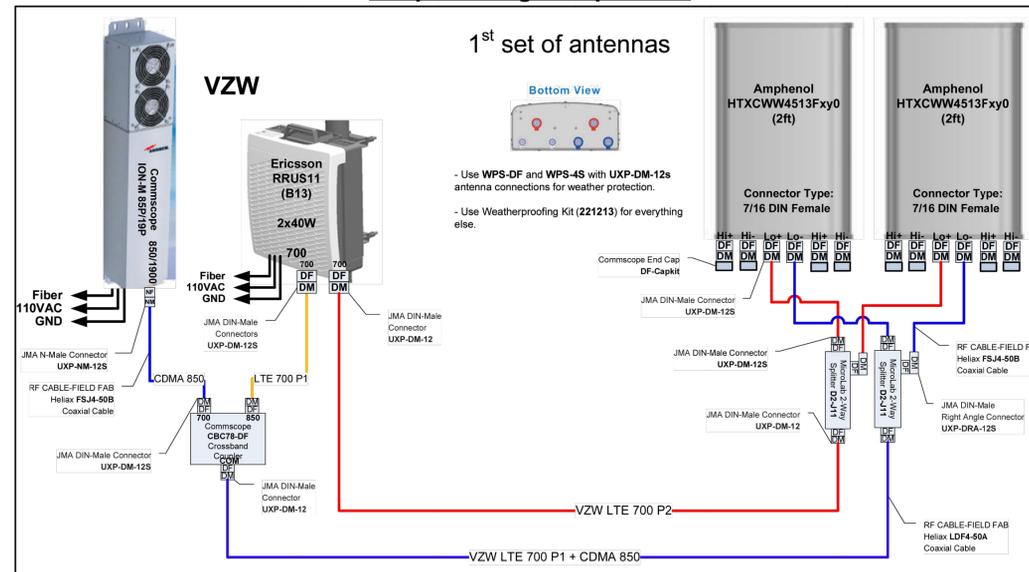
K:\Projects\2025\120240651\Drawings\01_Pole_Elevations\01_Pole_Elevations.dwg
 10/10/2025 1:25:00 PM
 User: gregg.johnson
 Title: POLE ELEVATIONS

New Components are highlighted in broken red lines

Keep Existing Components



Keep Existing Components



RECORD DRAWINGS ISSUE DATE:
10/10/2025

PROJECT NAME: TMO OMNI SAN FRANCISCO
TPE-03561202
NODE ADDRESS: 145 FT SW OF 1 1ST AVE
DAVENPORT, CA 95017
COORDINATES: 37.018104° , -122.204325°
POLE ID: 120240651
POLE TYPE: EXISTING WOOD
CUSTOMER NODE ID: SF00068A_21LAB
CROWN NODE ID: DAV-017M2
HUB NAME: TMO Hub(SF05812A)
CARRIER: T-MOBILE
SKU: 425261
AZIMUTH: 130 , 325

PREPARED BY:
Kimley Horn

3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
E	10/10/2025	ISSUED FOR REVIEW
D	03/27/2025	ISSUED FOR REVIEW
C	10/11/2024	ISSUED FOR REVIEW

PROJECT NAME
TMO OMNI SAN FRANCISCO
TPE-03561202

CROWN NODE ID NUMBER
DAV-017M2

NODE ADDRESS
145 FT SW OF 1 1ST AVE
DAVENPORT, CA 95017

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER
KHCLC-61744

IN HOUSE
DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE
WIRING
DIAGRAM

SHEET NUMBER
D1.5

PAGE
9 OF 9

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

2 PRODUCT DESCRIPTION

See Table 2 for a list of all models.
 The SH60-503027xNC6 houses one Nokia 2x40 700MHz RRH, one Airspan Airharmony 4400 RRH, one Nokia 2x40 AWS RRH, one Nokia SAR-O router, and one Delta 2kW power supply.
 The SH60-503027xNC7 houses one Comscope ION-ML, one Airspan Airharmony 4400 RRH, and one Raycap RSTAC 3112 AC disconnect, and one Charles CFTT fiber box.
 The SH60-503027xNE7 is available in two configurations. Both configurations include one Ericsson RRU32 B30 WCS with a PS-AC-08 power supply, one Ericsson 8843 AWS/PCS with two PS-AC-08 power supplies, and one Ericsson 220x RRH. Configuration A includes one Ericsson 4449 RRH with two PS-AC-08 power supplies, and Configuration B includes one Ericsson RRU311 or RRU312 RRH with one PS-AC-02 power supply.
 The SH60-503027xNE8 houses two Ericsson RRU11/12 or one RRU11/12 and one Ericsson RRUW RRHs, two Ericsson 4415 or 4426 RRHs, two Ericsson AC-08 and two AC-02 power supplies, and one Charles CFTT fiber box. Space has been reserved for twin diplexers or triplexers.

Figure 2 shows the SHRD60 dimensions. Figures 3 through 6 show the main components of the SHRD60.

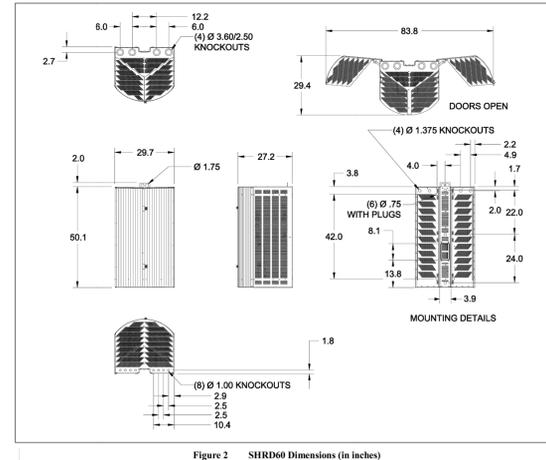


Figure 2 SHRD60 Dimensions (in inches)

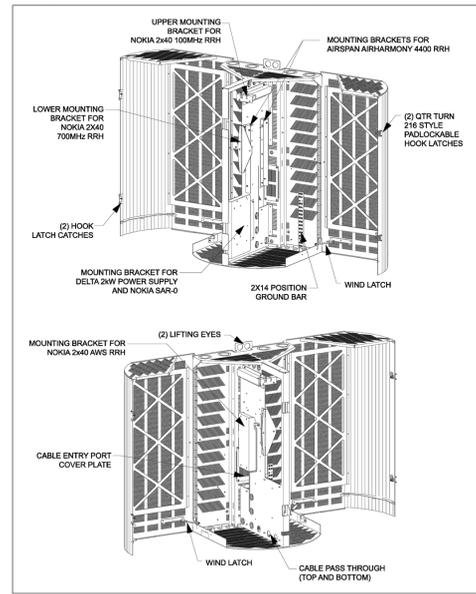
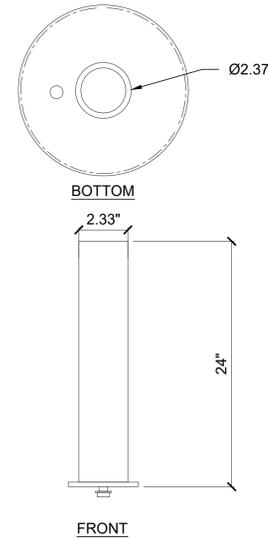


Figure 3 SH60-503027xNC6 Components

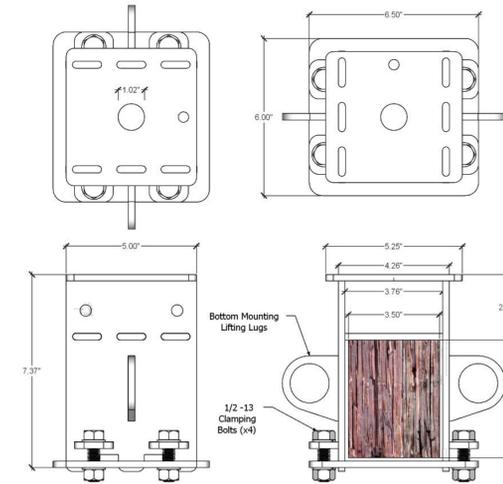
SPECIFICATIONS	
DIMENSIONS (HXDIA.)	(24" x 2.33")
WEIGHT	12.0 LBS
MANUFACTURER	NYM
MODEL	2AMP-24 (OR APPROVED EQUAL)



BOTTOM

FRONT

SPECIFICATIONS	
DIMENSIONS (HXWXD)	(7.00" x 5.25" x 5.00")
WEIGHT	12.0 LBS
MANUFACTURER	NYM
MODEL	CAB 3.5 x 4.5 (OR APPROVED EQUAL)



Bottom Mounting Lifting Lugs

1/2-13 Clamping Bolts (x4)

EQUIPMENT SHROUD (CHARLES SH60-503027 SERIES)

SCALE: NTS 10

ANTENNA MAST SPECS.

SCALE: NTS 14

CROSS ARM BRACKET

SCALE: NTS 18

MANUFACTURER	MODEL	DEPTH (IN)	WIDTH (IN)	HEIGHT (IN)	VOLUME (CF)	QUANTITY	TOTAL VOLUME (CF)
COMMSCOPE	NNV4S6-65S-F4	7.76	19.61	24.02	2.11	2	4.22
ERICSSON	4455 B2/B25 B66A	5.90	10.86	31.29	1.16	1	0*
ERICSSON	8863 B41	5.70	14.76	18.81	0.92	1	0*
ERICSSON	PSU AC 08	7.08	10.78	2.71	0.12	1	0*
ERICSSON	FRONTHAUL 6585	1.50	5.12	9.63	0.04	1	0*
COMMSCOPE	CBC1726T-4310	1.81	4.57	8.35	0.04	2	0*
INNOWAVE	ASSM-112B-4C-D43M	3.50	6.44	5.47	0.07	1	0.07
SCHNEIDER	QO612L100RB	3.94	4.76	9.29	0.10	1	0.1
CHARLES	SH60-503027	27.20	29.70	52.10	24.36	1	24.36
SUM							28.75

*EQUIPMENT WITHIN SHROUD. VOLUME NOT CUMULATIVE TOWARDS SITE TOTAL.

EQUIPMENT INVENTORY TABLE

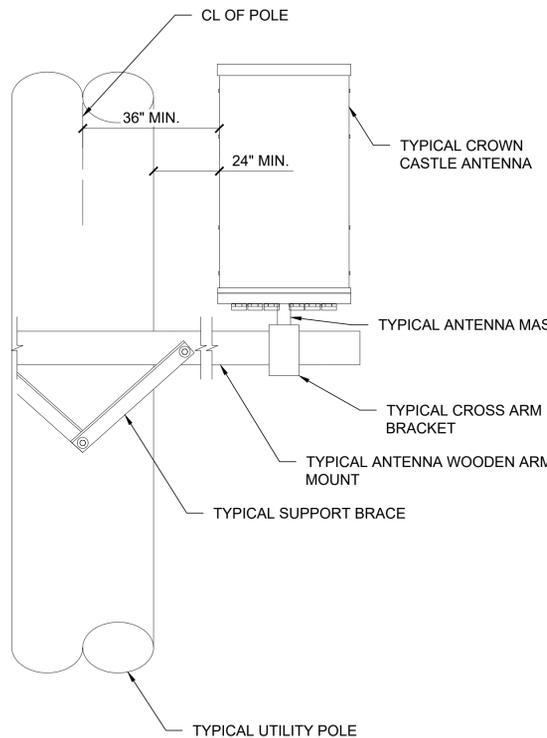
SCALE: NTS 12

TYPICAL ANTENNA ASSEMBLY

SCALE: NTS 16

SQUARE D LOAD CENTER (QO612L100RB)

SCALE: NTS 20



Product data sheet Characteristics

QO612L100RB
LOAD Center QO MLO 240V 100A 1PH 6SP



Product availability: Stock - Normally stocked in distribution facility

Main	Load Center
Product	Load Center
Marketing Trade Name	QO
Cover type	Surface cover

Complementary

Load Center Type	Main lugs
Line Rated Current	100 A
Number of spaces	6
Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	12
Maximum Number of Tandem Breakers	6
Number of Phases	1 phase
Voltage Rating	120/240 V AC
Wire Size	AWG 8...AWG 1 aluminum/copper
Electrical Connection	Lugs
Grounding Bar	Grounding bar (ordered separately)
Electrical connection	Lugs
Wiring configuration	3-wire
Busbar Material	Tin plated aluminum busbar
Enclosure Material	Welded galvanized steel
Cover Finish	Baked enamel grey
Box number	2R
Height	12.64 in (321 mm)
Width	8.90 in (226 mm)
Tightening torque	5.65 N·m (50 lbf·ft) AWG 8... 5.65 N·m (50 lbf·ft) AWG 6...AWG 10)

Environment

Enclosure Rating	NEMA 3R outdoor
Ambient air temperature for operation	23 °F (-5 °C) 104 °F (40 °C)
Product certifications	UL listed

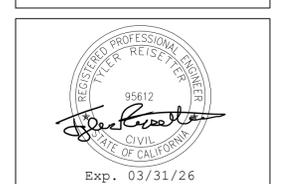
Ordering and shipping details

Category	00101 - QO 1PH LC2-8CKT,NEMA 1,3R
Discount Schedule	DESA
GTIN	00785901785900
Package weight(Lbs)	4.38 kg (9.65 lb/US)
Returnability	Yes
Country of origin	MX



CROWN CASTLE
 CROWN CASTLE
 2055 S. STEARMAN DRIVE,
 CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
 11/03/2025
 PROJECT NAME: TMO OMNI SAN FRANCISCO
 TPE-03561202
 NODE ADDRESS: CABRILLO HWY / HWY 1
 SANTA CRUZ, CA 95060
 COORDINATES: 36.971050° , -122.124400°
 POLE ID: 138176
 POLE TYPE: EXISTING WOOD
 CUSTOMER NODE ID: SF0007BA_41LAB
 CROWN NODE ID: DAV02
 HUB NAME: TMO Hub(SF05812A)
 CARRIER: T-MOBILE
 SCL: 409272
 AZIMUTH: 100 , 295



PREPARED BY:
Kimley Horn
 3875 EMBASSY PARKWAY, SUITE 280
 AKRON, OH 44333
 PHONE: (216) 505-7775
 WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
1	11/03/2025	ISSUED FOR CONSTRUCTION
0	10/10/2025	ISSUED FOR CONSTRUCTION
D	10/01/2025	ISSUED FOR REVIEW

PROJECT NAME
 TMO OMNI SAN FRANCISCO
 TPE-03561202
 CROWN NODE ID NUMBER
 DAV02

NODE ADDRESS
 CABRILLO HWY / HWY 1
 SANTA CRUZ, CA 95060

HUB NAME
 TMO Hub(SF05812A)

KH JOB NUMBER
 KHCLC-61731
 IN HOUSE
 DRAWN BY: GJF
 CHECKED BY: TDR

SHEET TITLE
EQUIPMENT SPECIFICATIONS

SHEET NUMBER
 D1.2
 PAGE
 6 OF 11

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
1	11/03/2025	ISSUED FOR CONSTRUCTION
0	10/10/2025	ISSUED FOR CONSTRUCTION
D	10/01/2025	ISSUED FOR REVIEW

PROJECT NAME

TMO OMNI SAN FRANCISCO
TPE-03561202

CROWN NODE ID NUMBER
DAV02

NODE ADDRESS
CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER IN HOUSE
KHCL-61731

DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE
WIRING DIAGRAM

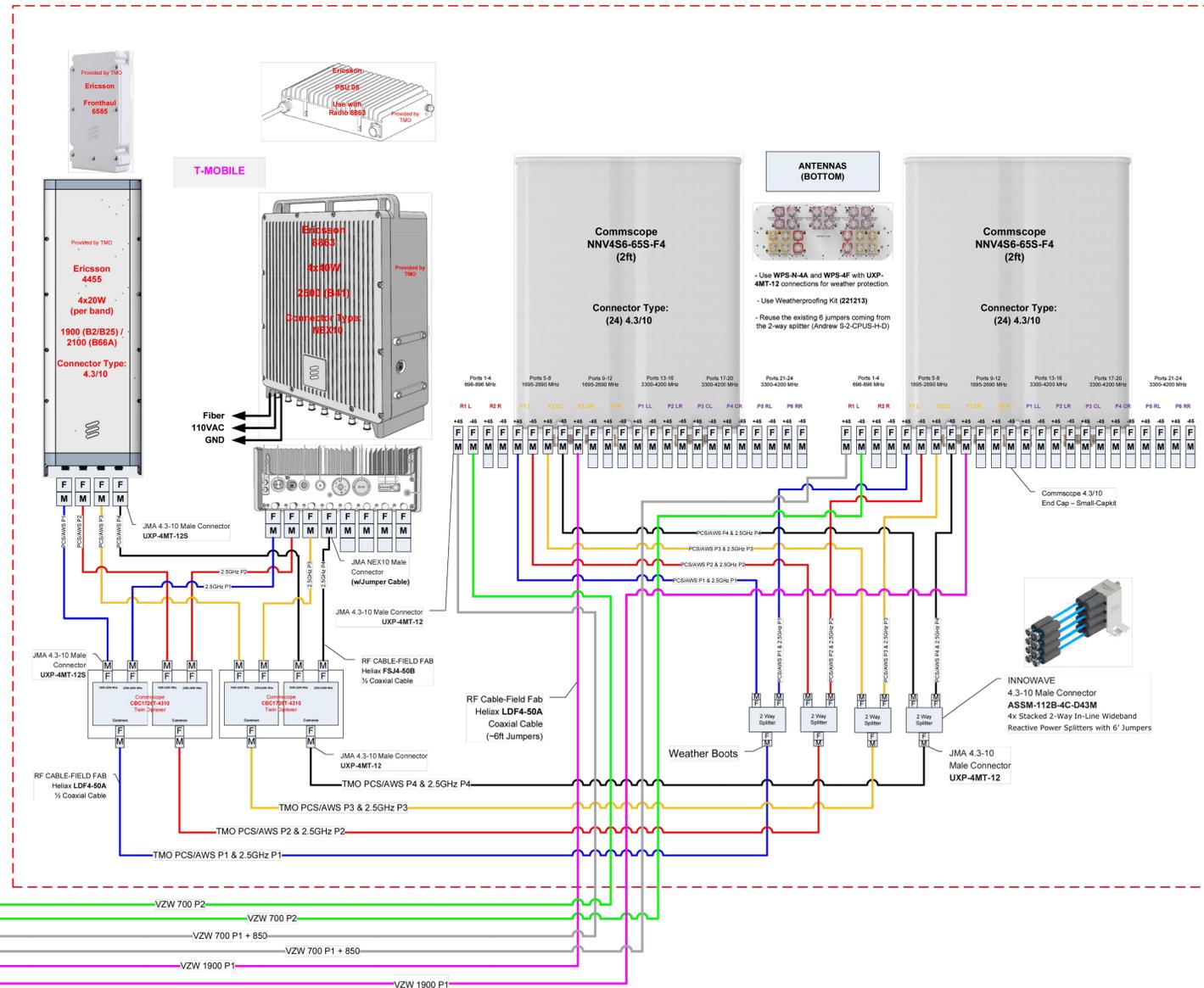
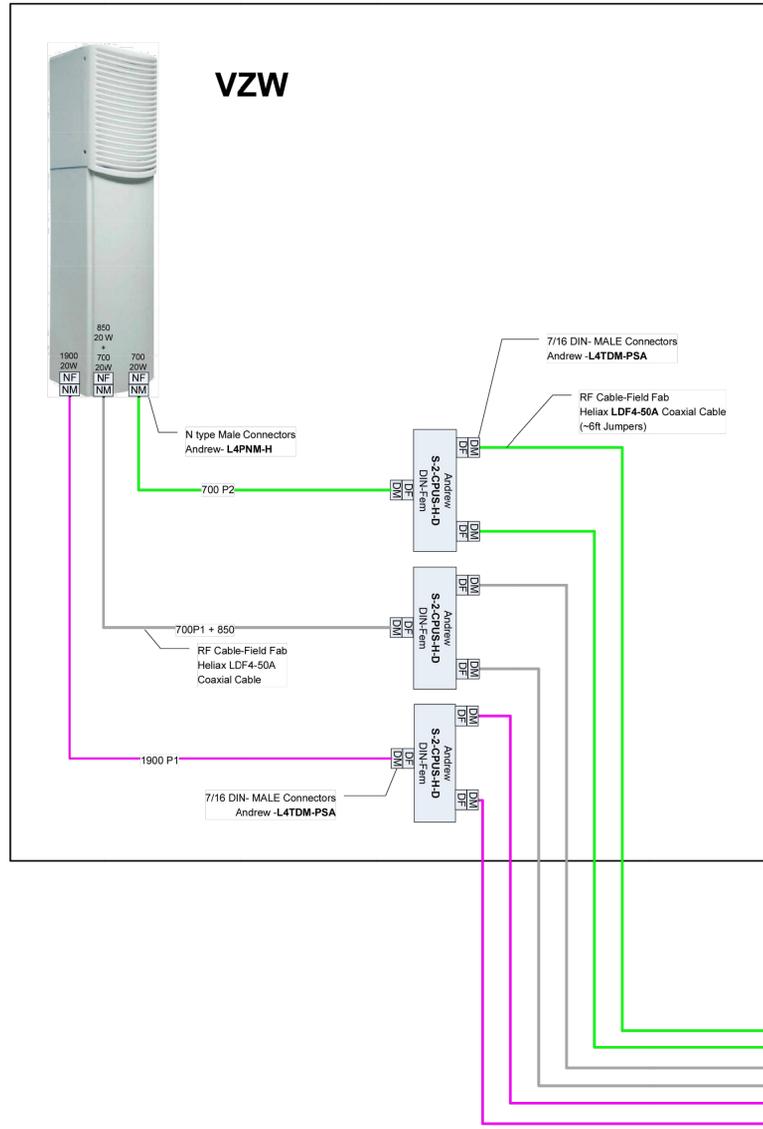
SHEET NUMBER PAGE

D1.5 9 OF 11

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

New Components are highlighted in broken red lines

Keep Existing Components



K:\NF\Accessories\Crown Castle_Small Cell\Verizon TMO\1 - TMO - NewCA2 - Construction Drawings\DWG\CAL_SmallCell\WiringDiagram_Cal_Rev1_2025-10-30.dwg
Nov 03, 2025 - 8:51am



CROWN CASTLE
CROWN CASTLE
2055 S. STEARMAN DRIVE,
CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
11/03/2025

PROJECT NAME: TMO OMNI SAN FRANCISCO
TPE-03561202
NODE ADDRESS: CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060
COORDINATES: 36.971050° , -122.124400°
POLE ID: 138176
POLE TYPE: EXISTING WOOD
CUSTOMER NODE ID: SF0078A_41LAB
CROWN NODE ID: DAV02
HUB NAME: TMO Hub(SF05812A)
CARRIER: T-MOBILE
SCL: 408275
AZIMUTH: 100 , 295



PREPARED BY:
Kimley»Horn

3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
1	11/03/2025	ISSUED FOR CONSTRUCTION
0	10/10/2025	ISSUED FOR CONSTRUCTION
D	10/01/2025	ISSUED FOR REVIEW

PROJECT NAME

TMO OMNI SAN FRANCISCO
TPE-03561202

CROWN NODE ID NUMBER

DAV02

NODE ADDRESS

CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060

HUB NAME

TMO Hub(SF05812A)

KH JOB NUMBER

KHCL-61731

IN HOUSE

DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NUMBER

TC1.1

PAGE

10 OF 11

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

SIGN LEGEND

W20-1



G20-2



LEGEND

••••• TEMPORARY DELINEATORS

WORK ZONE

TEMPORARY CONSTRUCTION SIGN

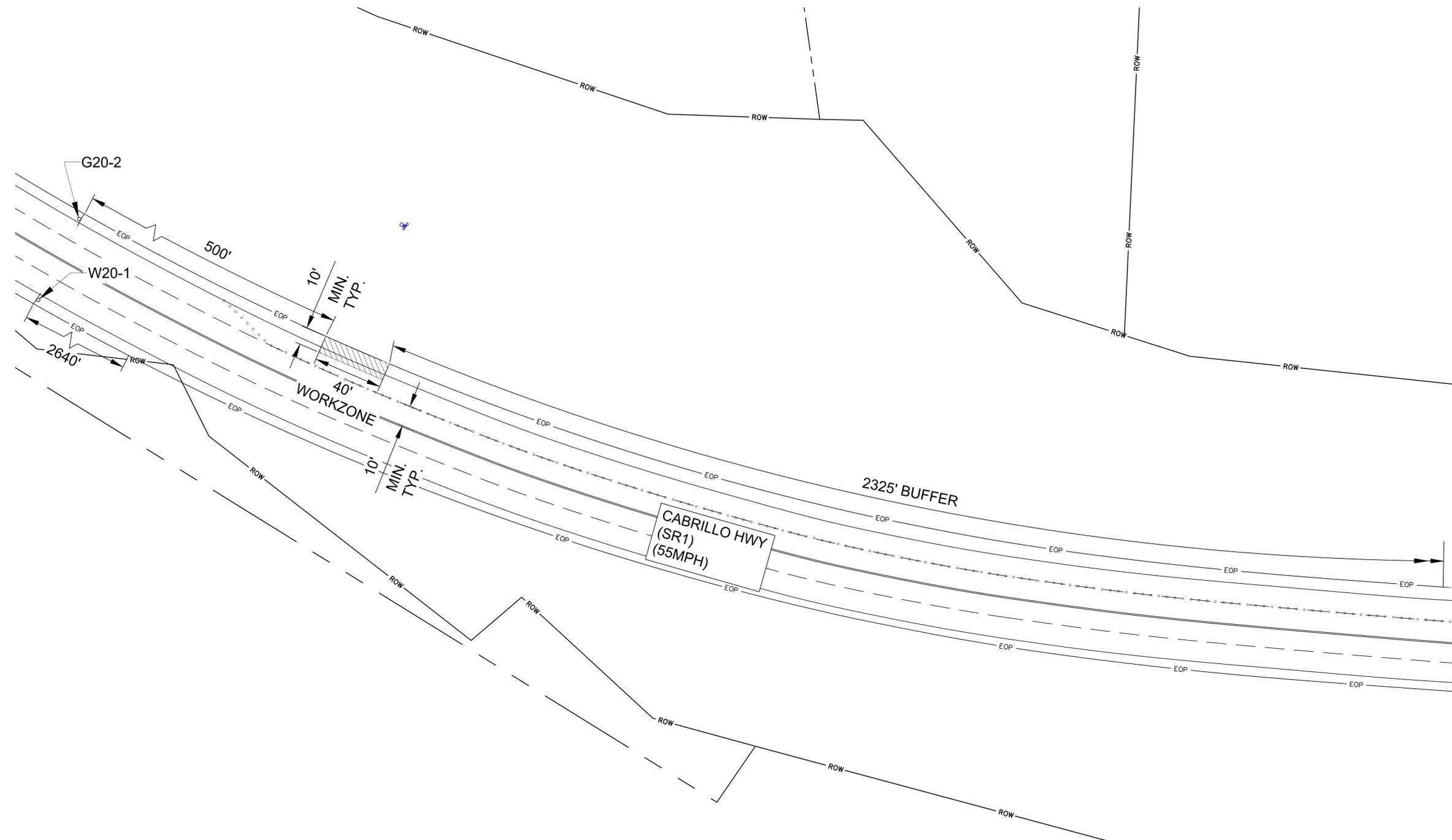
FLAGGER

POSTED SPEED LIMIT (MPH)	MAX. CHANNELIZING DEVICE SPACING C-C (FT)	
	TAPER	TANGENT
15	15	30
20	20	40
25	25	50
30	30	60
35	35	70
40	40	80
45	45	90
50	50	100
55	50	100

MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON ONE-LANE/TWO WAY TAPERS IS 20 FT.

TRAFFIC GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING WORK ON A PUBLIC STREET TO INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES AS SHOWN HEREIN, AS WELL AS ANY SUCH ADDITIONAL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED TO INSURE THE SAFE MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND PROVIDE MAXIMUM PROTECTION AND SAFETY TO CONSTRUCTION WORKERS.
- ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) AND THE MUTCD CALIFORNIA SUPPLEMENT, STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND PLANS.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES AND SHALL BE REPAIRED, REPLACED OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED FOLLOWING COMPLETION AND THE PERMANENT TRAFFIC CONTROL DEVICES SHALL BE RESTORED BY THE CONTRACTOR UPON COMPLETION OF PROJECT.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN DISABILITY ACT AS RELATED TO PEDESTRIAN ACCESS AND SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES PER ADA REQUIREMENTS. SIDEWALK CLOSURE/DETOUR SHALL COMPLY WITH ALL JURISDICTIONAL STANDARDS.
- CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING SIGNS.
- TEMPORARY PARKING RESTRICTION, WHERE REQUIRED, TEMPORARY PARKING RESTRICTION SIGNS SHALL BE POSTED A MINIMUM OF 72 HOURS IN ADVANCE OF CONSTRUCTION.



SCALE: N.T.S



THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	09/30/2025	ISSUED FOR REVIEW
D	08/05/2025	ISSUED FOR REVIEW
C	03/27/2025	ISSUED FOR REVIEW

PROJECT NAME
**TMO OMNI SAN FRANCISCO
TPE-03561202**

CROWN NODE ID NUMBER
DAV03

NODE ADDRESS
**CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060**

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER **KHCLC-61732** IN HOUSE
DRAWN BY: GJF
CHECKED BY: TDR

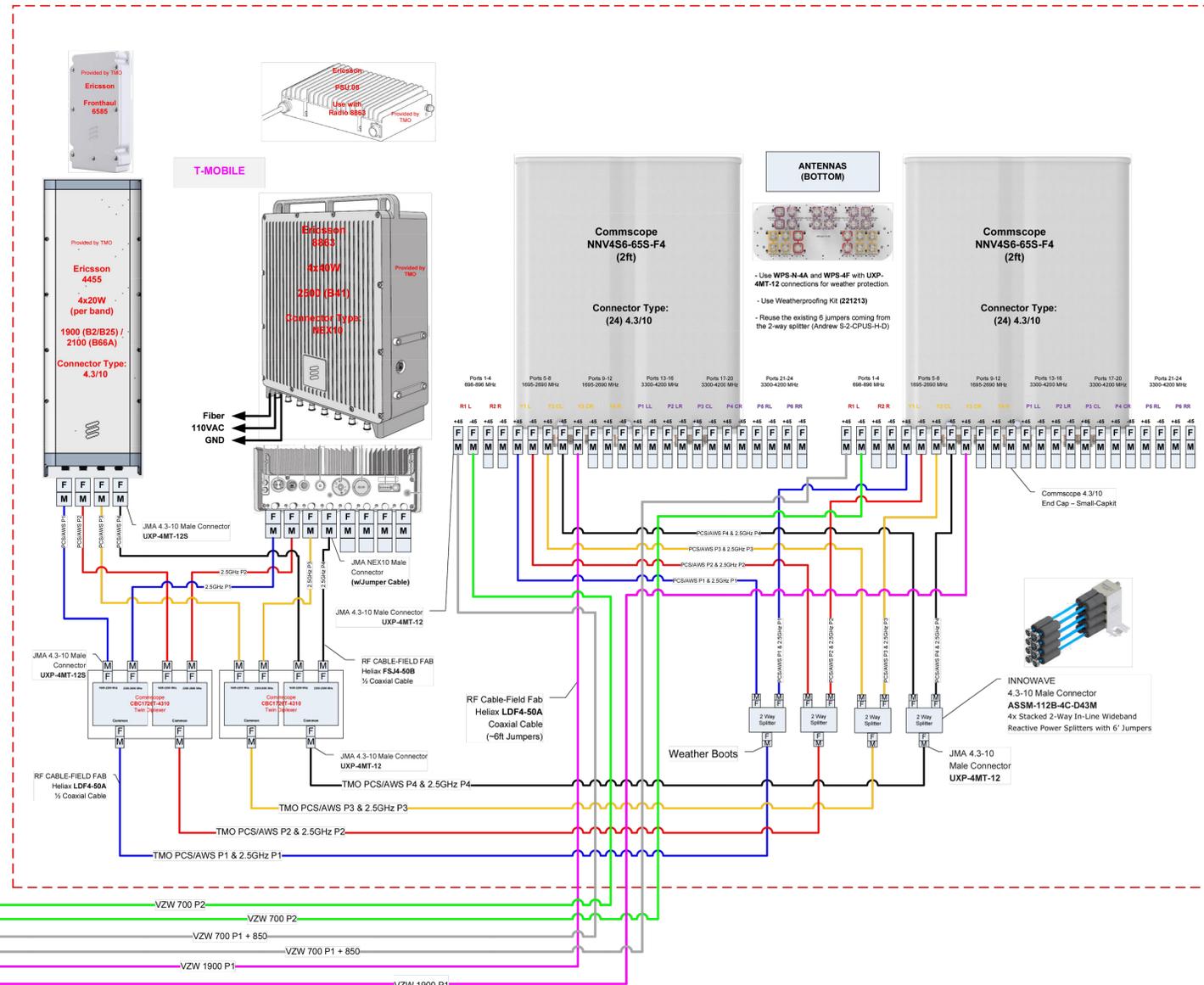
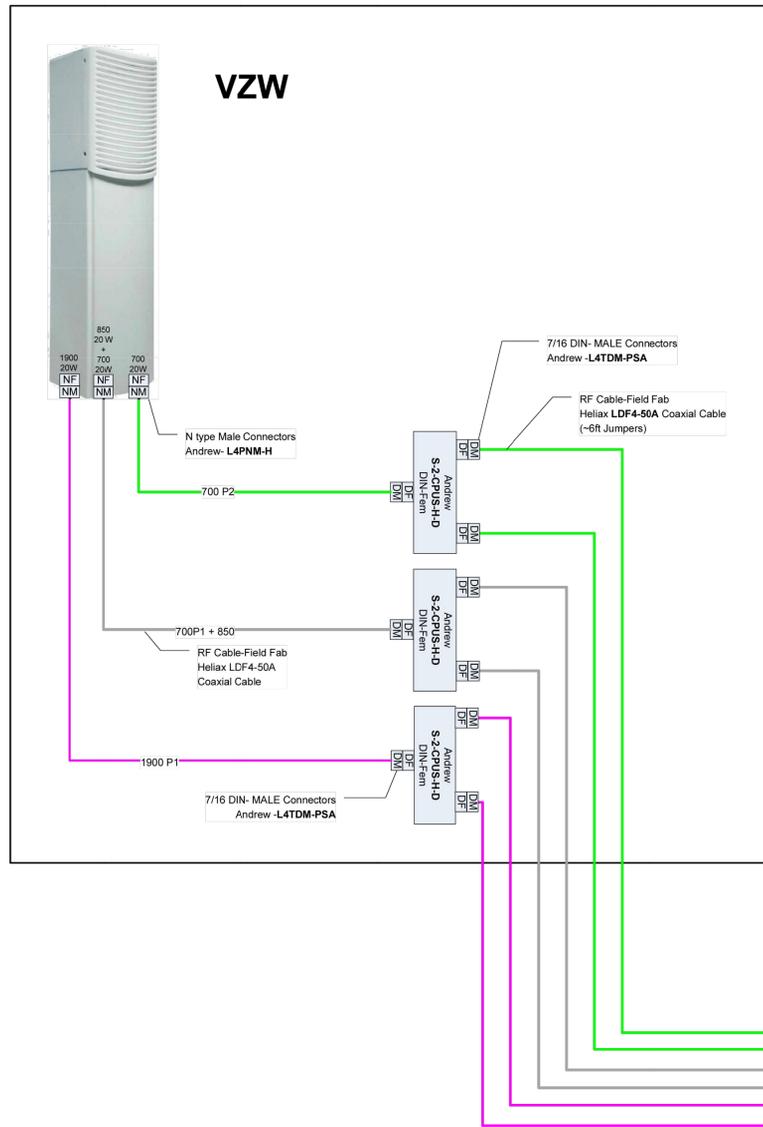
SHEET TITLE
WIRING DIAGRAM

SHEET NUMBER **D1.5** PAGE **9 OF 11**

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

New Components are highlighted in broken red lines

Keep Existing Components



K:\NF\Accessories\Crown Castle_Small Cell\Verizon TMO\1 - TMO - NewCA2 - Construction Drawings\DWG\CAL_SJ\DWG\WIRING_DIAGRAM_D1.5.dwg 2025-09-26-10:49

TRAFFIC CONTROL PLAN TABLE						
PHASE	WORK SITE LOCATION	TYPICAL APPLICATION (CA MUTCD)	WORKING HOURS	CONSTRUCTION DATES	WORK ZONE AREA	TEMPORARY PARKING RESTRICTION (SEE NOTE 7)
1	CABRILLO HWY / HWY 1 SANTA CRUZ, CA 95060	FIG. 6H-3 & 6H-29	8:00AM - 5:00PM	TBD	MAX. 40'x20' (MAX. 10' FROM FACE OF CURB)	200'

Table 6C-1. Recommended Advance Warning Sign Minimum Spacing

Road Type	Distance Between Signs**		
	A	B	C
Urban (low-speed) - 25 mph or less***	100 feet	100 feet	100 feet
Urban - more than 25 mph to 40 mph***	250 feet	250 feet	250 feet
Urban (high-speed) - more than 40 mph***	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

*** Speed category to be determined by the highway agency.

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

*** Posted speed limit, off-peak 85th-percentile speed prior to work starting, or other anticipated operating speed in mph.

Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Merging Taper	at least L
Shifting Taper	at least 0.5 L
Shoulder Taper	at least 0.33 L
One-Lane, Two-Way Traffic Taper	50 feet minimum; 100 feet maximum
Downstream Taper	50 feet minimum; 100 feet maximum

Note: Use Table 6C-4 to calculate L.

Table 6C-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph.

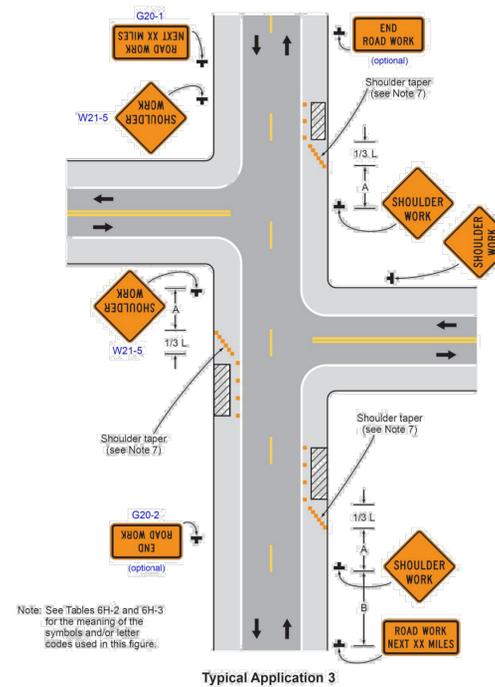
TRAFFIC GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING WORK ON A PUBLIC STREET TO INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES AS SHOWN HEREIN, AS WELL AS ANY SUCH ADDITIONAL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED TO INSURE THE SAFE MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND PROVIDE MAXIMUM PROTECTION AND SAFETY TO CONSTRUCTION WORKERS.
- ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) AND THE MUTCD CALIFORNIA SUPPLEMENT, STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND PLANS.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES AND SHALL BE REPAIRED, REPLACED OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED FOLLOWING COMPLETION AND THE PERMANENT TRAFFIC CONTROL DEVICES SHALL BE RESTORED BY THE CONTRACTOR UPON COMPLETION OF PROJECT.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN DISABILITY ACT AS RELATED TO PEDESTRIAN ACCESS AND SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES PER ADA REQUIREMENTS. SIDEWALK CLOSURE/DETOUR SHALL COMPLY WITH ALL JURISDICTIONAL STANDARDS.
- CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING SIGNS.
- TEMPORARY PARKING RESTRICTION. WHERE REQUIRED, TEMPORARY PARKING RESTRICTION SIGNS SHALL BE POSTED A MINIMUM OF 72 HOURS IN ADVANCE OF CONSTRUCTION. TEMPORARY PARKING RESTRICTION SIGNS SHALL BE OBTAINED FROM THE CITY.

California MUTCD 2014 Edition (FHWA's MUTCD 2009 Edition, including Revisions 1 & 2, as amended for use in California)

Page 1146

Figure 6H-3. Work on the Shoulders (TA-3)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 3

Chapter 6H - Typical Applications
Part 6 - Temporary Traffic Control

November 7, 2014



CROWN CASTLE
CROWN CASTLE
2055 S. STEARMAN DRIVE,
CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
09/30/2025
PROJECT NAME: TMO OMNI SAN FRANCISCO
TPE-03561202
NODE ADDRESS: CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060
COORDINATES: 96.981293, -122.140270
POLE ID: 150 PT13639-3
POLE TYPE: EXISTING WOOD
CUSTOMER NODE ID: SF0007BA_51LAB
CROWN NODE ID: DAV03
HUB NAME: TMO Hub(SF05812A)
CARRIER: T-MOBILE
SCL: 409573
AZIMUTH: 115, 290



PREPARED BY:
Kimley Horn
3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	09/30/2025	ISSUED FOR REVIEW
D	08/05/2025	ISSUED FOR REVIEW
C	03/27/2025	ISSUED FOR REVIEW

PROJECT NAME
TMO OMNI SAN FRANCISCO
TPE-03561202
CROWN NODE ID NUMBER
DAV03

NODE ADDRESS
CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER
KHCL-61732
IN HOUSE
DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE
TEMPORARY TRAFFIC CONTROL PLAN

SHEET NUMBER
TC1.2
PAGE
10 OF 11

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

TRAFFIC CONTROL STANDARD NOTE

WHERE EQUIPMENT, WORK VEHICLES, OR PERSONNEL ARE WITHIN 15' OF THE EDGE OF TRAVELED WAY, PROVIDE TEMPORARY TRAFFIC CONTROL IN CONFORMANCE WITH THE CA MUTCD (CURRENT EDITION)

Figure 6H-29. Crosswalk Closures and Pedestrian Detours (TA-29)

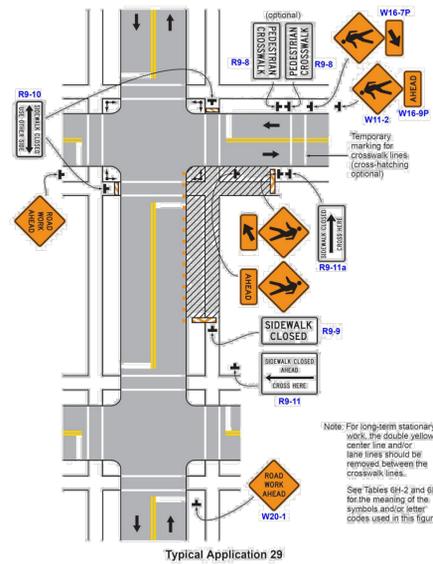


Figure 6H-22B(CA). Right-Hand Lane Closure on the Far Side of an Intersection (TA-22B (CA))

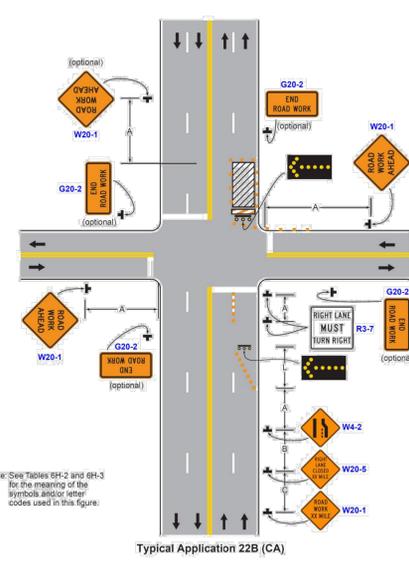


Figure 6H-33. Stationary Lane Closure on a Divided Highway (TA-33)

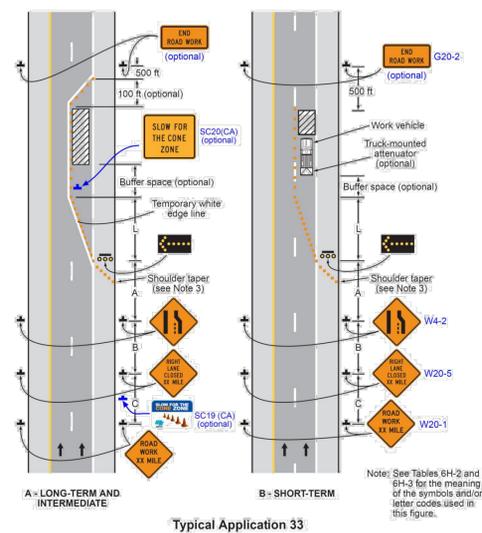


Figure 6H-23. Left-Hand Lane Closure on the Far Side of an Intersection (TA-23)

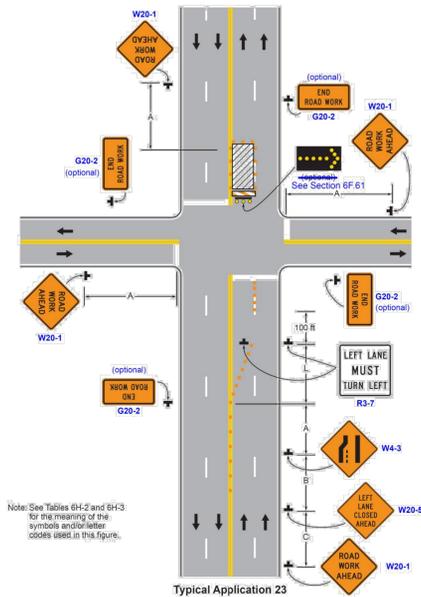
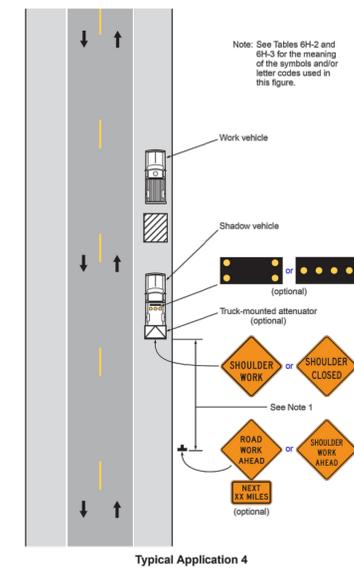


Figure 6H-4. Short-Duration or Mobile Operation on a Shoulder (TA-4)



CROWN CASTLE
CROWN CASTLE
2055 S. STEARMAN DRIVE,
CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
09/30/2025

PROJECT NAME: TMO OMNI SAN FRANCISCO
TPE-03561202
NODE ADDRESS: CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060
COORDINATES: 36.981293, -122.140270
POLE ID: 150 PT13639-3
POLE TYPE: EXISTING WOOD
CUSTOMER NODE ID: SF007BA_51LAB
CROWN NODE ID: DAV03
HUB NAME: TMO Hub(SF05812A)
CARRIER: T-MOBILE
SCL: 409273
AZIMUTH: 115, 290



PREPARED BY:
Kimley Horn

3875 EMBASSY PARKWAY, SUITE 280
AKRON, OH 44333
PHONE: (216) 505-7775
WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
0	09/30/2025	ISSUED FOR REVIEW
D	08/05/2025	ISSUED FOR REVIEW
C	03/27/2025	ISSUED FOR REVIEW

PROJECT NAME

TMO OMNI SAN FRANCISCO
TPE-03561202

CROWN NODE ID NUMBER
DAV03

NODE ADDRESS
CABRILLO HWY / HWY 1
SANTA CRUZ, CA 95060

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER IN HOUSE
KHCL-61732 DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE
TEMPORARY TRAFFIC
CONTROL STANDARDS

SHEET NUMBER PAGE

TC1.2 11 OF 11

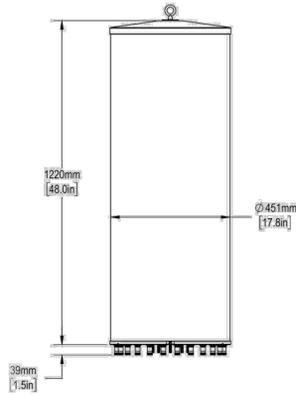
PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

K:\VPL\mason\working\Crown Castle_Small Cell\Verdell TMO\1-Transport\DAV03\1 - TMO - NetCAD2 - Construction Drawings\DWG\CAL_SJ\TEMP\TPE-03561202-08-26.dwg Sep 30, 2025 1:53:01 pm

PRODUCT OVERVIEW	LOW BAND	MID BAND	CBS5 BAND	UAA BAND
Frequency Range (MHz)	(Dx) 696-896	(Dx) 1695-2180	(Rq) 1695-2700	(Dx) 3500-3700 (Dx) 5100-5925
Array	R1 R2	R1 R2	Y1 Y2 Y3 Y4	R1 R2 O1 O2
Connector	4 PORTS	4 PORTS	8 PORTS	4 PORTS
Polarization	XPOL	XPOL	XPOL	XPOL
Asimuth Beamwidth (deg)	30°	30°	30°	30°
Electrical Downlink	0°, 4°	2°, 4°, 6°	2°, 4°, 6°	0°
Configuration	OMNI CONFIGURATION			
Total Connector Count	24 PORTS			
Connector Type	4.3-10 FEMALE			
Dimensions	1219 x Ø457 mm (48.0" x Ø18.0")			
Random Color Options	GREY, BROWN or BLACK			

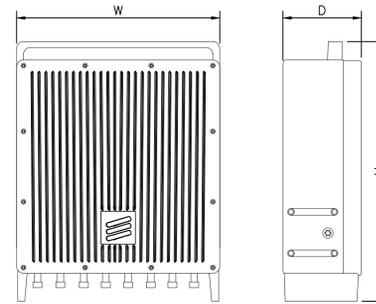
ELECTRICAL SPECIFICATIONS	Mid Band	R1	R2
Frequency Range	MHz	(Dx) 696-896	(Dx) 1695-2180
Frequency Sub-Range	MHz	696-806	806-896
Polarization	—		(Dx) ±45°
Gain	dBi	6.2 ± 0.9	6.9 ± 0.5
MAX	dBi	7.1	7.4
Asimuth Beamwidth (3-dB)	degrees	30°	30°
Elevation Beamwidth (3-dB)	degrees	37.3° ± 4.8°	32.8° ± 5.3°
Electrical Downlink	degrees	(w) 0°, 4°	
Impedance	Ohms	50Ω	
VSWR	—	< 1.5:1	
Passive Intermodulation	dBc	< -153	
3rd Order for 300W Carrier			
Upper Sideband Suppression	dB	> 12	
Isolation	dB	22	
Intraband	dB	> 30	
Interband	dB	> 30	
Input Power	Watts	500W	

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.
REV111919NA
CONNECTING PEOPLE • TECHNOLOGY
www.amphenol-antennas.com 1 of 19

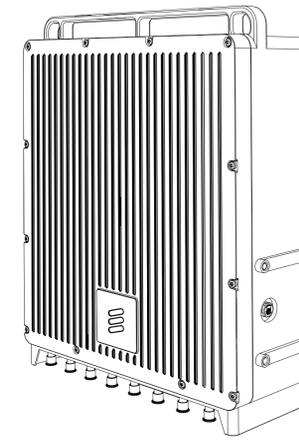


8863 B41 GENERAL SPECIFICATIONS

DIMENSIONS (HxWxD)	18.81" x 14.76" x 5.70" (478x375x145 mm)
WEIGHT	49.82 lbs (22.6 kg) W/ FAN: 50.92 lbs (23.1 kg)
COLOR	BODY: NCS 1002-B FRONT: NCS S 6502-B
MAX. OUTPUT POWER	8 X 40W
MAX. LOAD CURRENT	35A AT -36V DC
MAX. FUSE RATING	40A



FRONT VIEW RIGHT SIDE VIEW



ISOMETRIC VIEW



CROWN CASTLE
CROWN CASTLE
2055 S. STEARMAN DRIVE,
CHANDLER, AZ 85286

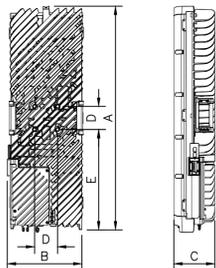
RECORD DRAWINGS ISSUE DATE:
10/09/2025

AMPHENOL 2C6U4MT360X12F020S0 - ANTENNA

24"x36" PLOT: NOT TO SCALE 1

POSITION	DESCRIPTION	DIMENSIONS
A	HEIGHT	31.29 in. 795 mm
B	WIDTH	10.86 in. 276 mm
C	DEPTH	5.90 in. 150 mm
D	DISTANCE BETWEEN MOUNTING KIT POSITIONS	3.14 in. 80 mm
E	DISTANCE BETWEEN MOUNTING KIT POSITION AND THE BOTTOM	13.54 in. 344 mm

RADIO TYPE	WEIGHT	WEIGHT WITH MOUNTING KIT
RADIO 4455 B2/B25 B66A	57.32 lbs 26 kg	31.29 in. 795 mm



Weight: 2.00 LBS
Width: 4.00 (in)
Height: 4.00 (in)
Depth: 7.00 (in)

ERICSSON 8863 - RADIO

24"x36" PLOT: NOT TO SCALE 1

CAUTION

FCC Occupational Limits may be exceeded near the antenna above this sign. RF-trained personnel only permitted in this area. Call **888-632-0931** for instructions.

Site ID: _____ Rev.B

ERICSSON 8863 - RADIO

24"x36" PLOT: NOT TO SCALE 2

Catalog Number	Height A	Width B	Depth C	Outline Dwg.	Wgt. Lbs
35-Y005*	6.37	3.75	3.37	1	4
35-Y010*	6.37	3.75	3.37	1	5
35-Y015*	7.00	4.00	3.63	2	7
85-Y020	12.00	4.87	5.25	3	15
85-Y025	12.00	4.87	5.25	3	19
85-Y030	12.00	4.87	5.25	3	23
85-Y035	15.25	5.75	5.87	3	28
85-Y040	15.25	5.75	5.87	3	39
85-Y045	15.25	5.75	5.87	3	43
85-Y050	15.25	8.25	7.87	3	69
85-Y055	15.25	8.25	7.87	3	89
85-Y060	19.375	13.75	11.5	3	150
85-Y065	19.375	13.75	11.5	3	170

PREPARED BY:
Kimley»Horn

4201 WINFIELD ROAD, SUITE 600
WARRENVILLE, IL 60555
PHONE: (630) 487-5550
WWW.KIMLEY-HORN.COM

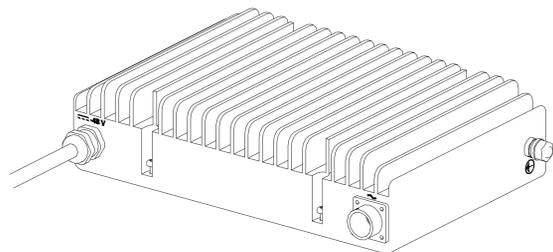
THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

RELEASE	
DATE	SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
D	10/09/2025	ISSUED FOR REVIEW
C	03/27/2025	ISSUED FOR REVIEW
B	10/25/2024	ISSUED FOR REVIEW

ERICSSON 4455 - RADIO

24"x36" PLOT: NOT TO SCALE 3

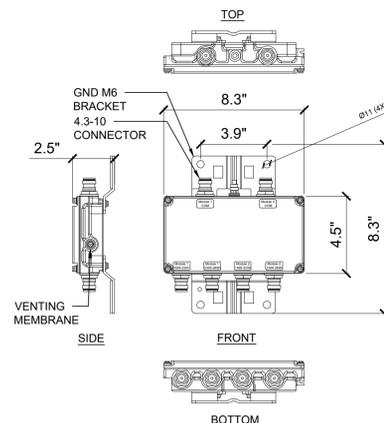


TECHNICAL DATA	
DIMENSIONS	
HEIGHT	2.71" (69 mm)
WIDTH	10.78" (274 mm)
DEPTH	7.08" (180 mm)
WEIGHT	
MAX POWER DISSIPATION	11.46 lbs (5.2 kg)
TEMPERATURE RANGE	80 W
INPUT	-40°F (-40°C) TO 131°F (55°C)
NOMINAL RANGE	
RATED OPERATING RANGE	100-250 V AC
EXTERNAL INPUT FUSE	85-275 V AC
INPUT CURRENT RATING	16A/ 100V AC @ 1,000W OUTPUT
	8A/ 200V AC @ 1,800W OUTPUT
OUTPUT	6.5A @ 200V AC
DEFAULT VOLTAGE	
RANGE	-54.5 V DC
OUTPUT WATTAGE	-54.0 TO -55.0 V DC
	1,000 W

SPI SWITCH

24"x36" PLOT: NOT TO SCALE 4

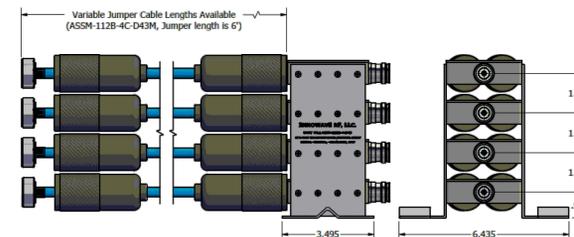
SPECIFICATIONS	
DIMENSIONS (HXWXD)	(8.346" x 4.567" x 1.811")
WEIGHT	4.189 LBS
MANUFACTURER	COMMSCOPE
MODEL	CBC1726T-4310



RF CAUTION SIGNAGE

24"x36" PLOT: NOT TO SCALE 5

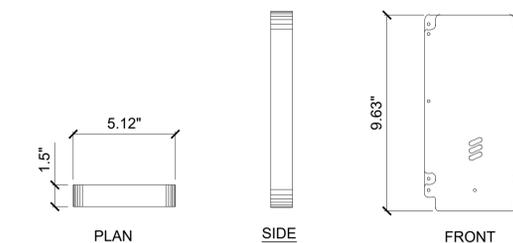
SPECIFICATIONS	
DIMENSIONS (HXWXD)	(5.47" x 6.435" x 3.495")
WEIGHT	27 LBS
MANUFACTURER	INNOWAVE
MODEL	ASSM-112B-4C-D43



DONGAN TRANSFORMER SPECS

24"x36" PLOT: NOT TO SCALE 6

SPECIFICATIONS	
DIMENSIONS (HXWXD)	(9.63" X 5.12" X 1.5")
WEIGHT	2.2 LBS
CUBIC VOLUME	0.04 FT3
MANUFACTURER	ERICSSON
MODEL	FRONTHAUL 6585



PSU AC 08

24"x36" PLOT: NOT TO SCALE 7

COMMSCOPE CBC1726T-4310 DIPLEXER

24"x36" PLOT: NOT TO SCALE 8

INNOWAVE ASSM-112B-4C-D43

24"x36" PLOT: NOT TO SCALE 9

ERICSSON FRONTHAUL 6585

24"x36" PLOT: NOT TO SCALE 10

PROJECT NAME

TMO OMNI SAN FRANCISCO
TPE-03561202

CROWN NODE ID NUMBER
DAV05

NODE ADDRESS
113 SWANTON RD
DAVENPORT, CA 95017

HUB NAME
TMO Hub(SF05812A)

KH JOB NUMBER IN HOUSE
KHCLC-61734 DRAWN BY: GJF
CHECKED BY: TDR

SHEET TITLE
EQUIPMENT SPECIFICATIONS

SHEET NUMBER PAGE

D1.1 6 OF 10

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

2 PRODUCT DESCRIPTION

See Table 2 for a list of all models.
 The SH60-503027NC6 houses one Nokia 2x40 700MHz RRH, one Airspan Airharmony 4400 RRH, one Nokia 2x40 AWS RRH, one Nokia SAR-O router, and one Delta 2kW power supply.
 The SH60-503027NC7 houses one Commscope ION-ML, one Airspan Airharmony 4400 RRH, and one Raycap RSTAC 3112 AC disconnect, and one Charles CFTT fiber box.
 The SH60-503027NE7 is available in two configurations. Both configurations include one Ericsson RRU32 B30 WCS with a PS-AC-08 power supply, one Ericsson 8843 AWS PCS with two PS-AC-08 power supplies, and one Ericsson 220n RRH. Configuration A includes one Ericsson 4449 RRH with two PS-AC-08 power supplies, and Configuration B includes one Ericsson RRU511 or RRU512 RRH with one PS-AC-02 power supply.
 The SH60-503027NE8 houses two Ericsson RRU511/12 or one RRU511/12 and one Ericsson RRUW RRHs, two Ericsson 4415 or 4426 RRHs, two Ericsson AC-08 and two AC-02 power supplies, and one Charles CFTT fiber box. Space has been reserved for twin duplexers or triplexers.

Figure 2 shows the SHRD60 dimensions. Figures 3 through 6 show the main components of the SHRD60.

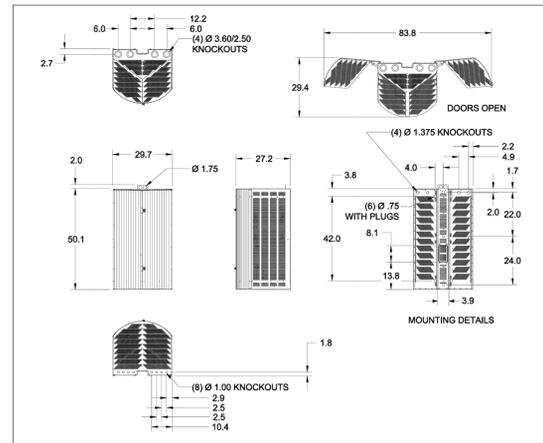


Figure 2 SHRD60 Dimensions (in inches)

NOTICE OF PROPOSED DEVELOPMENT

APPLICATION #251063 SITE: DAV05

PROPOSAL TO MODIFY FIVE (5) EXISTING SMALL CELL WIRELESS COMMUNICATION FACILITIES LOCATED ON EXISTING UTILITY POLES WITHIN THE PUBLIC RIGHT-OF-WAY. MODIFICATIONS INCLUDE REPLACEMENT SHROUDS AND TWO NEW RADIOS AT (5) SITES, TWO REPLACEMENT ANTENNAS AT DAV 2 AND TWO NEW ANTENNAS (T-MOBILE) AT DAV 3. REQUIRES A MINOR COASTAL DEVELOPMENT PERMIT AMENDING PERMITS 111114 (DAV 2, 3, 5), 161249 (DAV 17) AND 161253 (DAV 21).

FOR FURTHER INFORMATION CONTACT:

APPLICANT:
 SHARON JAMES FOR CROWN CASTLE
 408-426-6629
 sharonjames@sajwireless.net

PROJECT PLANNER:
 JERRY BUSCH
 (831) 454-3234
 jerry.busch@santacruzcountyca.gov

NOTE:
 COMPLY WITH SANTA CRUZ COUNTY GUIDELINES FOR NEIGHBORHOOD NOTIFICATION OF PROPOSED DEVELOPMENT

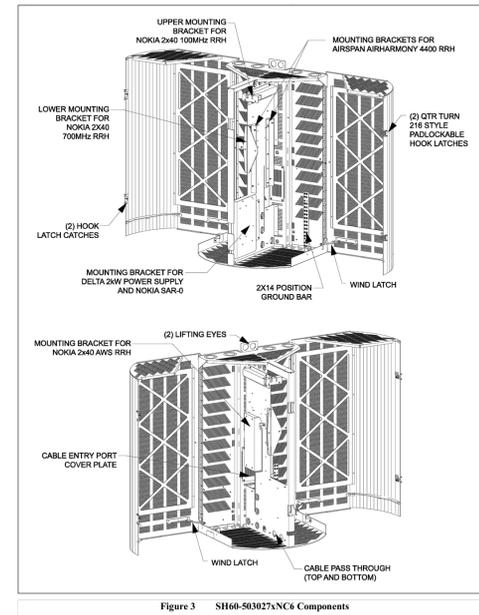


Figure 3 SH60-503027NC6 Components

CROWN CASTLE
 CROWN CASTLE
 2055 S. STEARMAN DRIVE,
 CHANDLER, AZ 85286

RECORD DRAWINGS ISSUE DATE:
 10/09/2025

PREPARED BY:
Kimley»Horn

4201 WINFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60555
 PHONE: (630) 487-5550
 WWW.KIMLEY-HORN.COM

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

EQUIPMENT SHROUD (CHARLES SH60-503027 SERIES)

SCALE: NTS 10

TEMPORARY NOTICE POSTING

SCALE: NTS 14

EQUIPMENT SHROUD (CHARLES SH60-503027 SERIES)

SCALE: NTS 18

MANUFACTURER	MODEL	DEPTH (IN)	WIDTH (IN)	HEIGHT (IN)	VOLUME (CF)	QUANTITY	TOTAL VOLUME (CF)
AMPHENOL	2C4U6VT360X06F022S5	11.50	14.60	24.00	2.30	1	2.3
ERICSSON	4455 B2/B25 B66A	5.90	10.86	31.29	1.16	2	0*
ERICSSON	8863 B41	5.70	14.76	18.81	0.92	1	0*
ERICSSON	PSU AC 08	7.08	10.78	2.71	0.12	3	0*
ERICSSON	FRONTHAUL 6585	1.49	5.11	9.62	0.04	1	0*
COMMSCOPE	CBC1726T-4310	1.81	4.57	8.35	0.04	2	0*
CHARLES	SH60-503027	27.20	29.70	52.10	24.36	1	24.36
WEIGMANN	NBPC181610-02	11.30	16.80	18.90	2.08	1	2.08
SPI	SPI SWITCH	7.00	4.00	4.00	0.06	1	0.06
DONGAN	DONGAN TRANSFORMER	5.25	4.87	12.00	0.18	1	0.18
SCHNEIDER	QO612L100RB	3.94	4.76	9.29	0.10	1	0.1
	SUM						29.08

*EQUIPMENT WITHIN SHROUD. VOLUME NOT CUMULATIVE TOWARDS SITE TOTAL.

EQUIPMENT INVENTORY TABLE

SCALE: NTS 12

WEIGMANN PANEL #NBPC181610-02

SCALE: NTS 16

SQUARE D LOAD CENTER (QO612L100RB)

SCALE: NTS 20



Size	Outer Height	Outer Width	Outer Depth	Inner Height	Inner Width	Inner Depth	Weight	Enclosure Material
	18.9 in	16.8 in	11.3 in	18.2 in	16.2 in	9.7 in	16.6 lbs	Polycarbonate
	[480.06 mm]	[426.72 mm]	[287.02 mm]	[462.28 mm]	[411.48 mm]	[246.38 mm]	[7.53 kg]	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X
Ingress Protection (IP) Rating	IP66

Product data sheet
 Characteristics

QO612L100RB
 LOAD Center QO MLO 240V 100A 1PH 6SP

Product availability: Stock - Normally stocked in distribution facility



Main	Product	Load Center
Marketing Trade Name	QO	
Cover type	Surface cover	

Complementary

Load Center Type	Main lugs
Line Rated Current	100 A
Number of spaces	6
Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	12
Maximum Number of Tandem Breakers	6
Number of Phases	1 phase
Voltage Rating	120/240 V AC
Wire Size	AWG 8...AWG 1 aluminum/copper
Electrical Connection	Lugs
Grounding Bar	Grounding bar (ordered separately)
Electrical connection	Lugs
Wiring configuration	3-wire
Busbar Material	Tin plated aluminum busbar
Enclosure Material	Welded galvanized steel
Cover Finish	Baked enamel grey
Box number	2R
Height	12.64 in (321 mm)
Width	8.90 in (226 mm)
Tightening torque	5.65 N.m (50 lbf.in) AWG 8 5.65 N.m (50 lbf.in) AWG 8...AWG 1/0

Environment

Enclosure Rating	NEMA 3R outdoor
Ambient air temperature for operation	23 °F (-5 °C) 104 °F (40 °C)
Product certifications	UL listed

Ordering and shipping details

Category	00101 - QO 1PH LC2-4CKT,NEMA 1,3R
Discount Schedule	DE3A
GTIN	00785001785590
Package weight(Lbs)	4.38 kg (9.65 lbUS)
Returnability	Yes
Country of origin	MX

RELEASE	DATE	SUBMITTAL

REVISIONS	NO.	DATE	COMMENT
	D	10/09/2025	ISSUED FOR REVIEW
	C	03/27/2025	ISSUED FOR REVIEW
	B	10/25/2024	ISSUED FOR REVIEW

PROJECT NAME

TMO OMNI SAN FRANCISCO
 TPE-03561202

CROWN NODE ID NUMBER

DAV05

NODE ADDRESS

113 SWANTON RD
 DAVENPORT, CA 95017

HUB NAME

TMO Hub(SF05812A)

KH JOB NUMBER

KHCL-61734

DRAWN BY: GJF
 CHECKED BY: TDR

IN HOUSE

SHEET TITLE

EQUIPMENT SPECIFICATIONS

SHEET NUMBER

D1.2

PAGE

7 OF 10

PLOT SCALE: 1:1 @ 24"x36", 1:2 @ 11"x17"

