

CUUB070C06Fxyz0



Connector Description

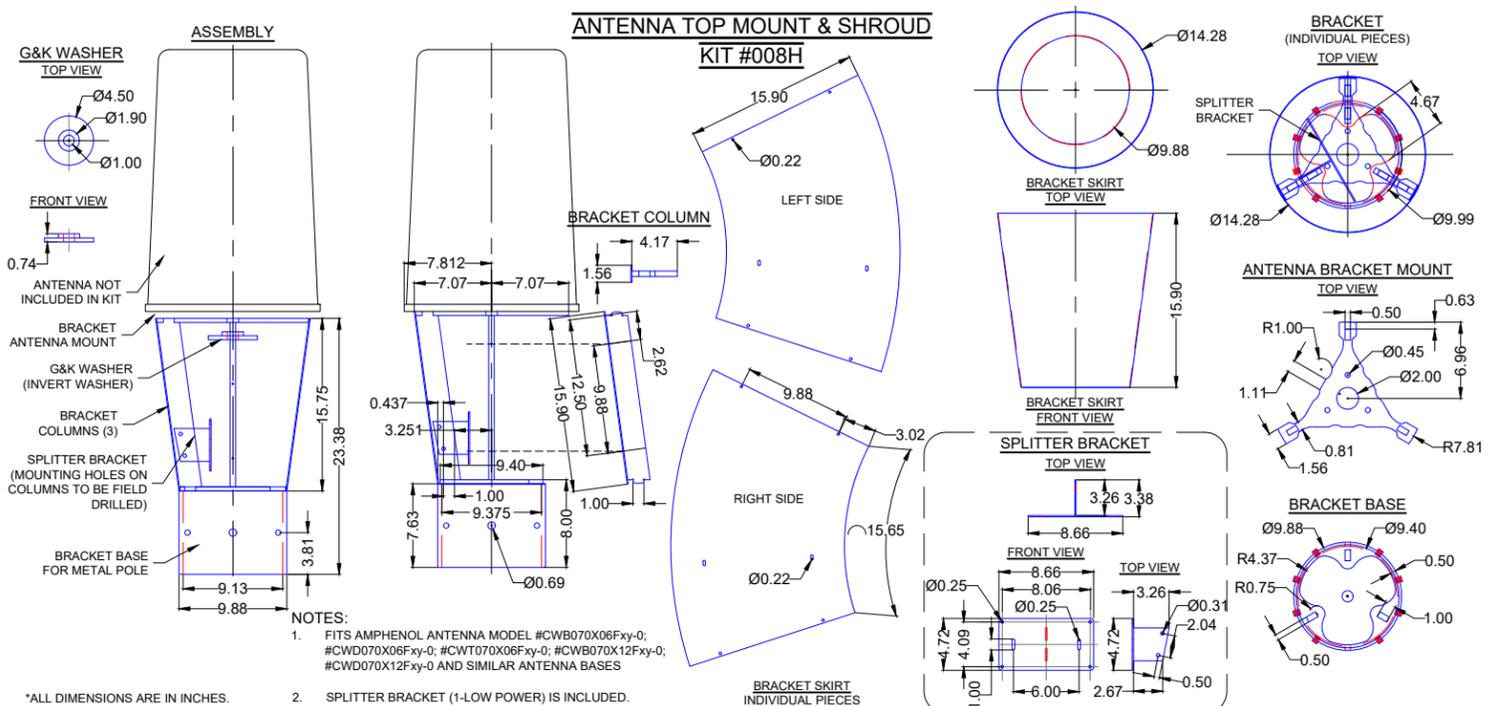
The antenna has 12 connectors located at the bottom, each marked with a colored ring.

Low Band	695-960 MHz	Red Rings	(4x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female
High Band #1	1695-2700 MHz	Yellow Rings	(4x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female
High Band #2	1695-2700 MHz	Orange Rings	(4x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female

Electrical Characteristics	Low Band		High Bands #1 and #2			
	695-960 MHz		2x 1695-2700 MHz			
Frequency Bands (MHz)	695-806	806-960	1695-1880	1880-1990	1920-2200	2300-2700
Polarization	±45°		2x ±45°			
Horizontal Beamwidth	70°	65°	70°	68°	65°	63°
Vertical Beamwidth	35°	30°	17°	16°	15°	14°
Gain	9.0 dBi	10.0 dBi	13.0 dBi	13.5 dBi	14.0 dBi	14.3 dBi
Electrical Downtilt (°)	(A) 0, 5		(B) 0, 2, 4, 6			
Impedance	50Ω		50Ω			
VSWR	≤ 1.5:1		≤ 1.5:1			
Upper Sideband Suppression	> 15 dB		> 15 dB			
Front-to-Back Ratio	> 30 dB		> 30 dB			
Isolation Between Ports	20 dB		22 dB			
IMS (2x20W carrier)	< -153 dBc		< -153 dBc			
Input Power	(4x) 500 W		(8x) 300 W			
Diplexed	No					
Number of Sectors / Sector Spacing	2 Sectors / 180° Spacing					
Lightning Protection	Direct Ground					

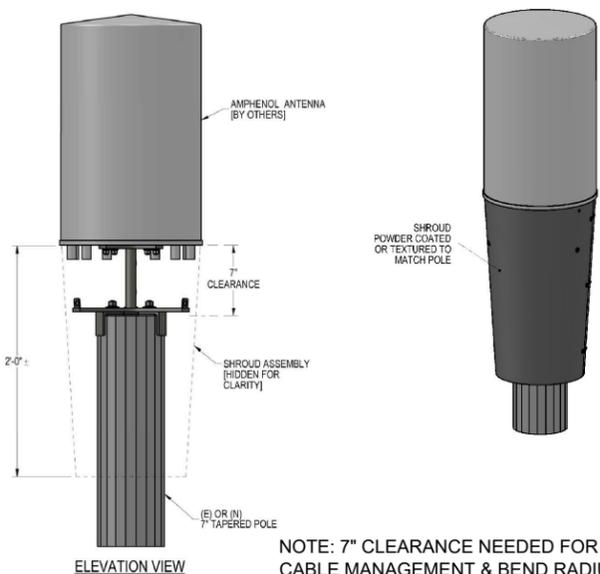
Mechanical Characteristics		
Antenna Dimensions (Height x Diameter)	610 x 371 mm	24.0 x 14.6 in
Weight without Mounting Bracket Kit	10.9 kg	24.1 lbs
Survival Wind Speed	200 km/hr	125 mph
Wind Area	0.22 m²	2.4 ft²
Wind Load (160 km/hr or 100 mph)	191 N	43 lbf

4 SCALE N.T.S.

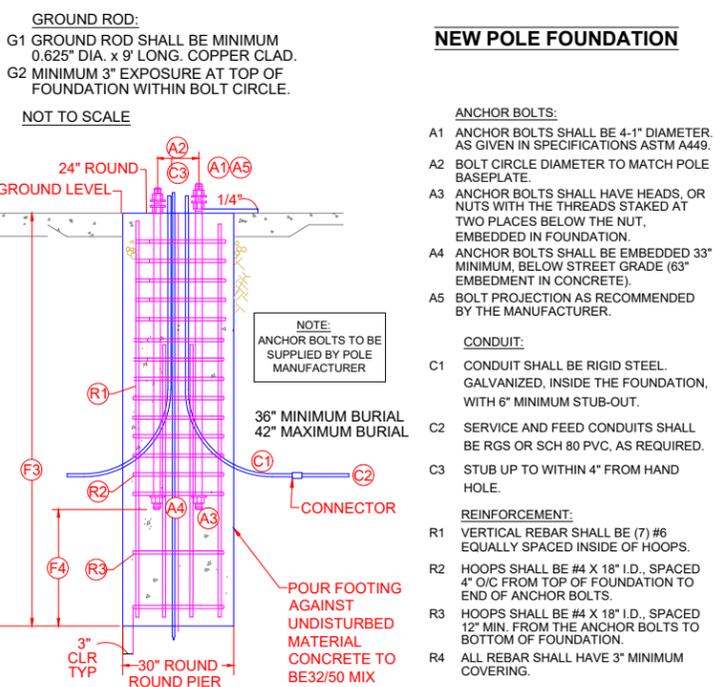


5 SCALE N.T.S.

WIRELESS STRUCTURES CONSULTING, PC
TOP MOUNT
 PRIVATE - N.T.S.

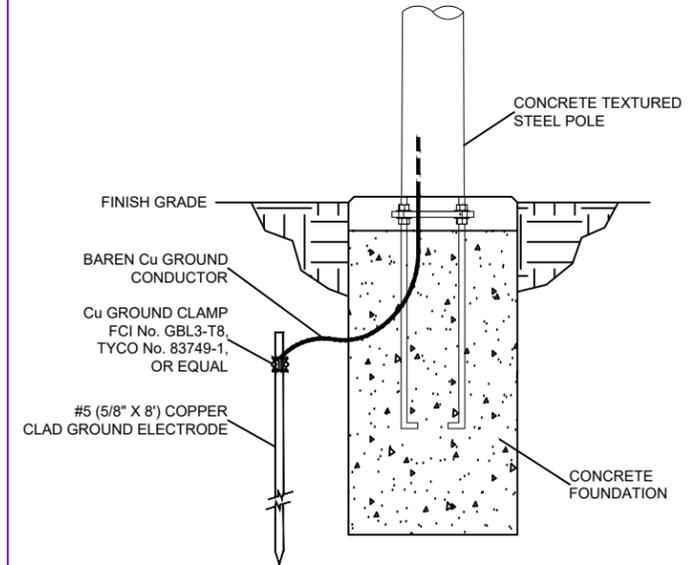


6 SCALE N.T.S.



7 SCALE N.T.S.

GROUND ROD INSTALLATION FOR STEEL POLE
 TYPICAL SECTION: N.T.S.



8 SCALE N.T.S.

ASG33

PHASE II
 CROWN CASTLE PROJECT NO.
 242727

CLIENT:

200 SPECTRUM CENTER DRIVE, 18TH FLOOR
 IRVINE, CA 92618
 www.crowncastle.com

PREPARED BY:

5841 EDISON PLACE, SUITE 200
 CARLSBAD, CA 92008
 PHONE: (760) 929-0910
 FAX: (760) 929-0936

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UNDERGROUND SERVICE ALERT
 TICKET #

ALTERNATE LOCATION	DATE
	03/01/17
REVISION / ISSUE	DATE

SITE NAME & ADDRESS:
 ASG33
 HAWTHORNE BLVD
 RANCHO PALOS VERDES, CA

DETAILS & NOTES

DRAWN BY: J.E.	DRAFT DATE: 03/1/18	APPROVED BY: C.J.
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SHEET NO. D-3



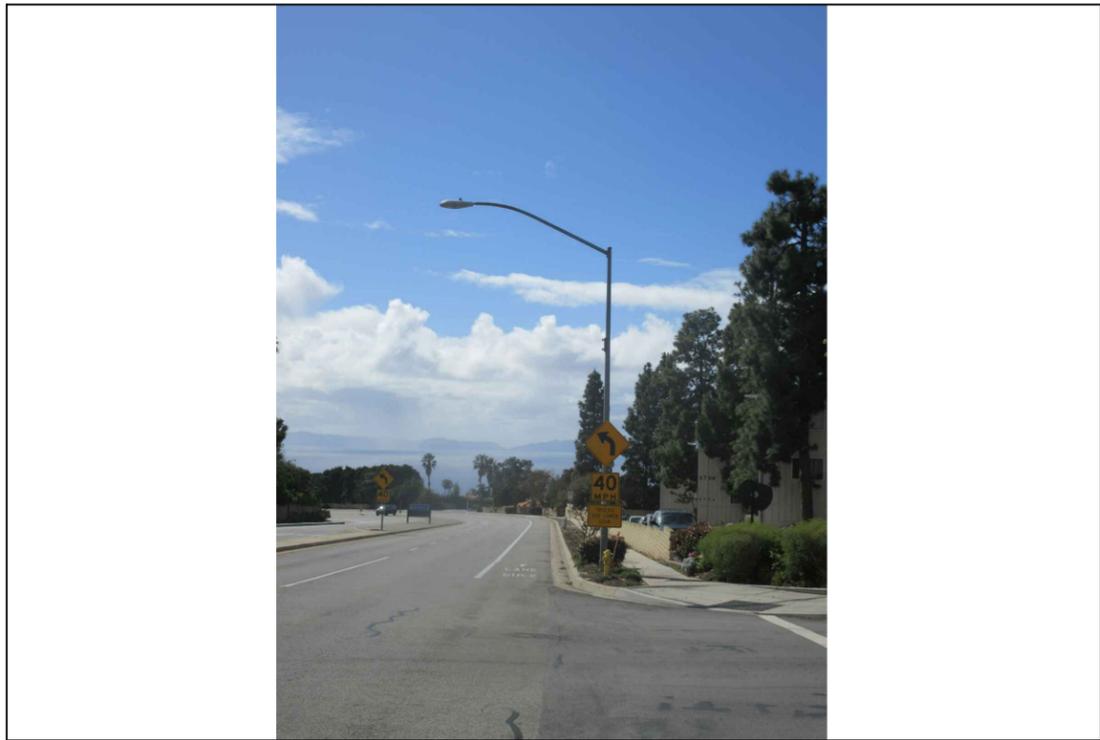
A KEY MAP



B NORTHWEST VIEW



C NORTHWEST VIEW



D SOUTHWEST VIEW

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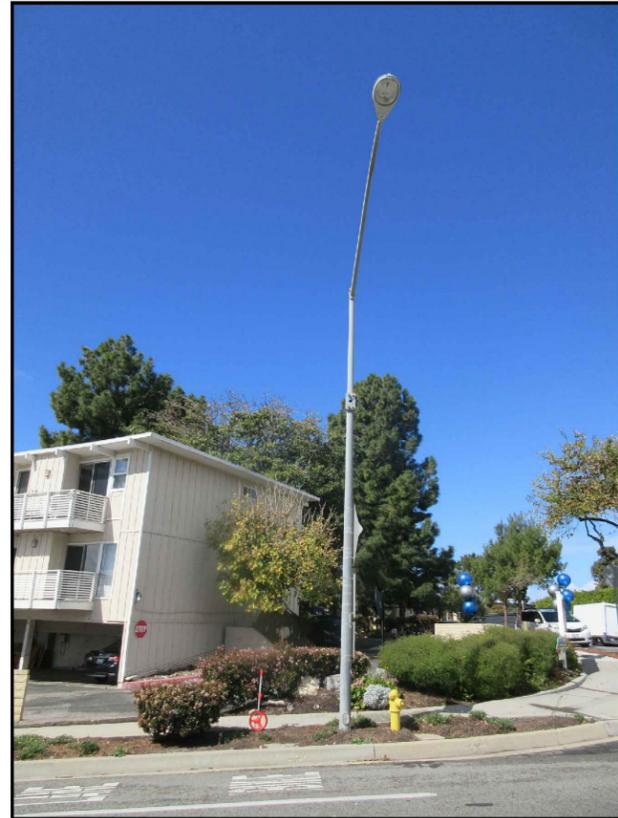
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RANCHO PALOS VERDES, CA

SITE PHOTOS

DRAWN BY: J.E.	DRAFT DATE: 03/1/18	APPROVED BY: C.J.
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SHEET NO.
S-1



Existing Site

LOOKING WEST



Vicinity Map



Proposed Site ASG33

ASG33

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DRAWN BY:	DRAFT DATE:	APPROVED BY:
J.E.	03/1/18	C.J.

SHEET NO.
S-3

