

Antenna Kit Connection Overview

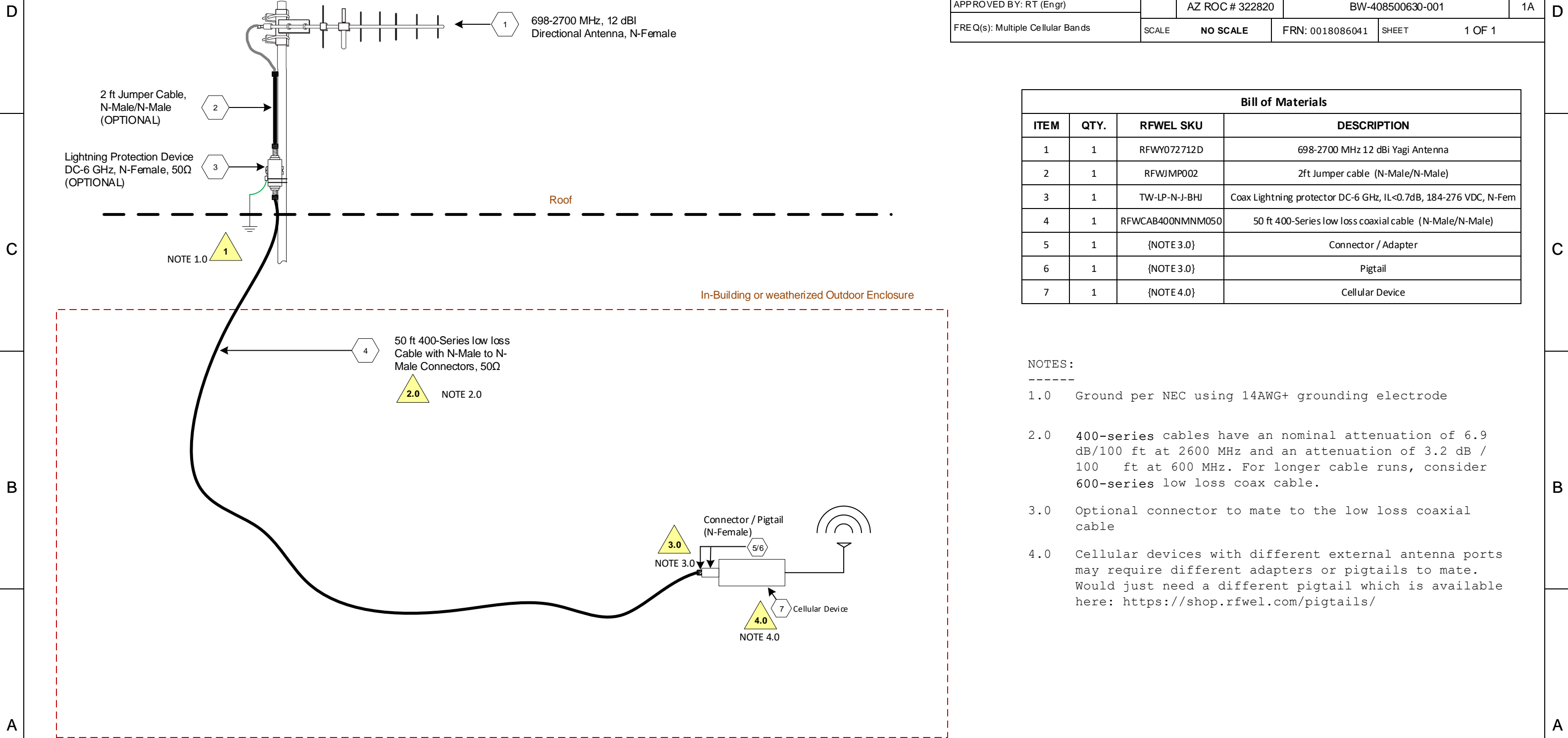


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Directional Antenna Kit

Outdoor Antenna, Jumper Cable, Coaxial Cable, Lightning Protection, Pigtail
JOB # IDC-YYDDMM-xxxx
Generic Yagi Antenna Kit

DRAWN BY: RM (Engr) APPROVED BY: RT (Engr)	SIZE	LIC NO AZ ROC # 322820	DWG NO BW-408500630-001	REV 1A
FREQ(s): Multiple Cellular Bands	SCALE NO SCALE	FRN: 0018086041	SHEET 1 OF 1	



Bill of Materials			
ITEM	QTY.	RFWEL SKU	DESCRIPTION
1	1	RFWY072712D	698-2700 MHz 12 dBi Yagi Antenna
2	1	RFWJMP002	2ft Jumper cable (N-Male/N-Male)
3	1	TW-LP-N-J-BHJ	Coax Lightning protector DC-6 GHz, IL<0.7dB, 184-276 VDC, N-Fem
4	1	RFWCAB400NMNM050	50 ft 400-Series low loss coaxial cable (N-Male/N-Male)
5	1	{NOTE 3.0}	Connector / Adapter
6	1	{NOTE 3.0}	Pigtail
7	1	{NOTE 4.0}	Cellular Device

NOTES:

- 1.0 Ground per NEC using 14AWG+ grounding electrode
- 2.0 400-series cables have an nominal attenuation of 6.9 dB/100 ft at 2600 MHz and an attenuation of 3.2 dB / 100 ft at 600 MHz. For longer cable runs, consider 600-series low loss coax cable.
- 3.0 Optional connector to mate to the low loss coaxial cable
- 4.0 Cellular devices with different external antenna ports may require different adapters or pigtails to mate. Would just need a different pigtail which is available here: <https://shop.rfwel.com/pigtails/>