ISE, Incorporated
Structural Engineers ***Telecommunications & Industrial Design***

PO Box 50039 • Phoenix, Arizona • 85076 • Office: (602) 403-8614 • Fax: (623) 321-1283 • www.ISE-INC.biz

August 21, 2025

Subject:

AT&T CVL02690 2127
Heartland Drive Antelope, CA
95843

Pursuant to your request, ISE will provide design engineering and drawings for a 50' Light Standard structure for the subject site. The pole and foundation will be designed to a maximum 98% capacity per the following Criteria:

CBC 2022, ASCE 7-16
TIA 222-H
Design Wind Speed 94 MPH (3-Sec Gust)
Risk Category: 2
Exposure: C
Topographic Category: 1
Site Specific Seismic Design Parameters (TBD)

(1) Carrier – Rad Center Elevation @ 47' (See attached antenna & equipment listing)

Should there be any questions regarding this issue feel free to contact me any time.

Regards,



Glen Hunt III, MS, PE
Principal Engineer
ISE Inc.
PH: 602-403-8614

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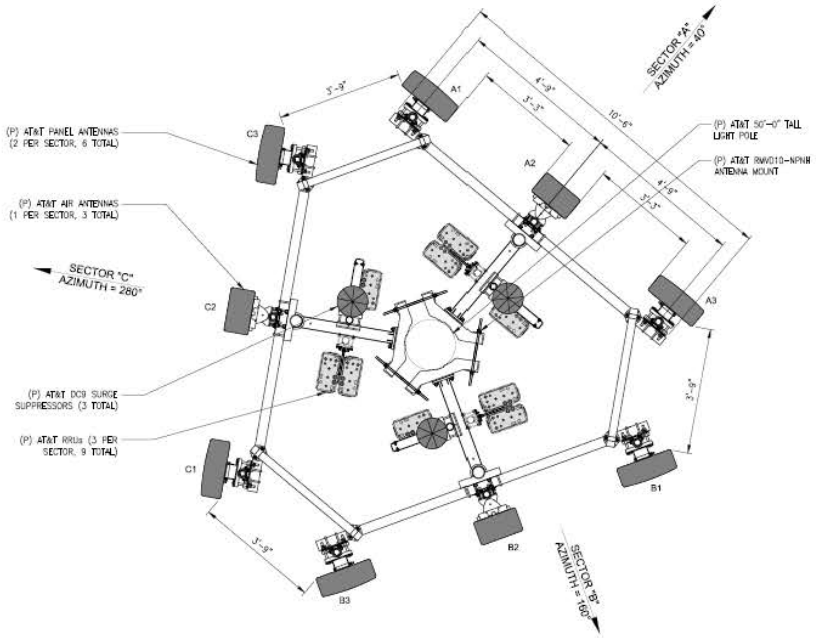
Pole Design Loading per AT&T



RF SCHEDULE

SECTOR		ANTENNA MODEL NO.	AZIMUTH	CENTERLINE	RRU	DC TRUNK SIZE	DC TRUNK DISTANCE	DC JUMPER SIZE	DC JUMPER DISTANCE	COAX JUMPER DISTANCE	RECTIFIER COUNT (-48V)	CONVERTER COUNT (-48V)
ALPHA	A1	CCI TPA65R-BU6DV2B-K	40°	47'-0"	(1) 4490 B5/B12 (1) 4890 B25/B66A	6AWG	60'	8AWG	15'	12'	11	0
	A2	ERICSSON AIR6472 B77G B77M	40°	48'-6"	(1) INTEGRATED AIR6472 B77D/ B77G							
	A3	CCI TPA65R-BU6DV2B-K	40°	47'-0"	(1) 4494 B14/B29							
BETA	B1	CCI TPA65R-BU6DV2B-K	160°	47'-0"	(1) 4490 B5/B12 (1) 4890 B25/B66A	6AWG	60'	8AWG	15'	12'		
	B2	ERICSSON AIR6472 B77G B77M	160°	48'-6"	(1) INTEGRATED AIR6472 B77D/ B77G							
	B3	CCI TPA65R-BU6DV2B-K	160°	47'-0"	(1) 4494 B14/B29							
GAMMA	C1	CCI TPA65R-BU6DV2B-K	280°	47'-0"	(1) 4490 B5/B12 (1) 4890 B25/B66A	6AWG	60'	8AWG	15'	12'		
	C2	ERICSSON AIR6472 B77G B77M	280°	48'-6"	(1) INTEGRATED AIR6472 B77D/ B77G							
	C3	CCI TPA65R-BU6DV2B-K	280°	47'-0"	(1) 4494 B14/B29							

RFDS DATE	5/15/2025
RFDS REV.	.

NOTES:
1. ANTENNAS ARE READ FROM LEFT TO RIGHT FROM BACK OF ANTENNA
2. EQUIPMENT IS PRELIMINARY AND SUBJECT TO CHANGE