





ANTENNA LOADING CHART

POS.	ELEV.	QTY.	DESCRIPTION	Tx LINE	STATUS
1	33.58m [110.1ft]	3	SRHH-1D6SC AZ. 60°, 190°, 310°	JUMPERS	INITIAL
2	32.0m [105.0ft]	3	4-PACK RRU (4 RRU PER PACK)	(3) DC + (3) FO	INITIAL
3	30.01m [98.4ft]	3	SRHH-1D6SC AZ. 60°, 190°, 310°	JUMPERS	INITIAL
4	26.96m [88.4ft]	3	DBXH-6565A-A2M AZ. 60°, 190°, 310°	JUMPERS	INITIAL
5	26.0m [85.3ft]	3	4-PACK RRU (1 RRU PER PACK)	(3) DC + (3) FO	INITIAL
6	26.0m [85.3ft]	6	RRU		FUTURE
7	24.52m [80.4ft]	3	HXX-6516DS1-A2M AZ. 60°, 190°, 310°	JUMPERS	FUTURE

NOTES:

- DESIGNED AS PER CAN/CSA-S37-13.
- LOADING:
WIND REF. VELOCITY PRESSURE = 460 Pa
RADIAL ICE THICK = 25 mm
IMPORTANCE FACTOR = 1.0,
SERVICEABILITY FACTOR = 1.0
- TWIST AND TILT AT TOP < 1.0°
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL SHALL BE ASTM A252, Grade 3.

TRIPOLE PROFILE

TYPICAL SPUCE DETAIL

TYPICAL TOWER SECTION

FACTORED FOUNDATION LOADS:
AXIAL : 168 kN
SHEAR : 123.2 kN
MOMENT : 2127.4 kNm

TRIPOLE PROFILE
2.7m [9.0ft]

SECTION No.
LEG
HORIZONTAL