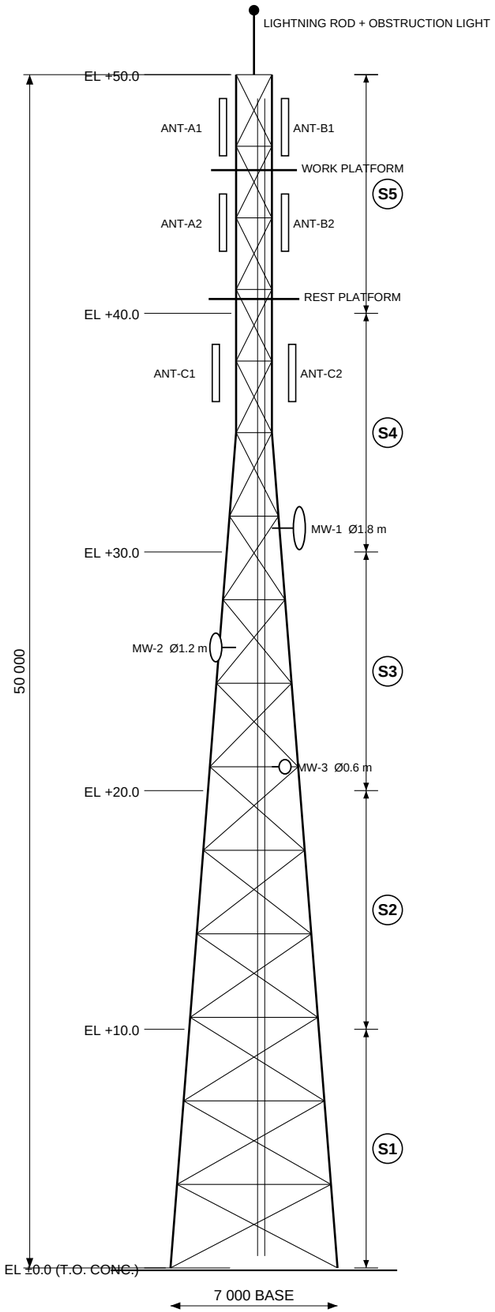
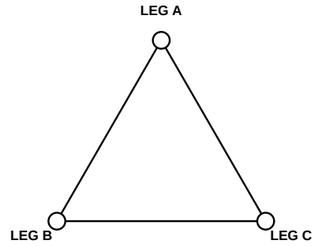


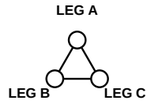
ELEVATION (FACE A)

SCALE 1:250



PLAN AT BASE

SCALE 1:200



PLAN AT EL +35.0 (TYP. ABOVE)

SCALE 1:200

LEG FOUNDATION (TYP. 3)

SCALE 1:50

SECT.	ELEV. (m)	LEGS	DIAGONALS	MASS kg
S1	0 - 10	Ø168.3x11.0	L100x100x8	5 710
S2	10 - 20	Ø141.3x9.5	L90x90x7	4 260
S3	20 - 30	Ø114.3x8.6	L75x75x6	3 300
S4	30 - 40	Ø88.9x7.6	L65x65x6	2 290
S5	40 - 50	Ø73.0x7.0	L55x55x5	1 560

MOUNT	EQUIPMENT	AZIM.	C/L EL.
ANT-A1/B1	Panel 2.4 m (x2)	30° / 150°	+47.8
ANT-A2/B2	Panel 2.4 m (x2)	30° / 150°	+43.8
ANT-C1/C2	Panel 2.4 m (x2)	270°	+37.5
MW-1	Dish Ø1.8 m	118°	+31.0
MW-2	Dish Ø1.2 m	301°	+26.0
MW-3	Dish Ø0.6 m	64°	+21.0

DESIGN NOTES

1. Design to CSA S37-24, reliability class II.
2. Ice 25 mm radial, wind q50 0.55 kPa.
3. Members hot-dip galvanized.
4. Max. twist/sway at MW-1: 0.5° (SLS).

0 5 10 15 20 m

GRAPHIC SCALE 1:250 (METRES)

REV	DATE	DESCRIPTION	BY
1	2026-10-01	ISSUED FOR STRUCTURAL ASSESSMENT	JD
0	2026-08-02	ISSUED FOR REVIEW	JD

SKYMAST TELECOM STRUCTURES (DEMO)

Towers & telecom sites · sample drawing

CLIENT
NORTHERN WIRELESS (FICTIONAL)

TITLE
SITE NW-0427 - 50 m SELF-SUPPORT TOWER
ELEVATION, PLANS & FOUNDATION

DRAWN	CHECKED	APPROVED	DATE
J. DOE	A. SMITH	R. LEE	2026-10-01

SCALE	SIZE	DRAWING NUMBER	REV
AS NOTED	B	SMT-0427-S1	1

Fictional sample drawing for software demonstration only - not for construction