

**CITY OF WINNIPEG
ANTENNA INSTALLATION
EXISTING LRM33 GUYED TOWER
2230 MAIN STREET, WINNIPEG, MB**

(A= 57φ SOLID ROUND)
(B= 51φ SOLID ROUND)
(C= 25φ SOLID ROUND)

LEGS
DIAGONALS
HORIZONTALS

LEGS
A B C C
25φ S.R. 25φ X.B. 25φ X.B. 25φ X.B.
19φ SOLID ROUND 22φ X.B. 44φ SOLID ROUND 22φ X.B.

TOP OF TOWER
EL: 138.0m

EL: 133.5m
3.6m T/R

EL: 112.9m
3.6m T/R

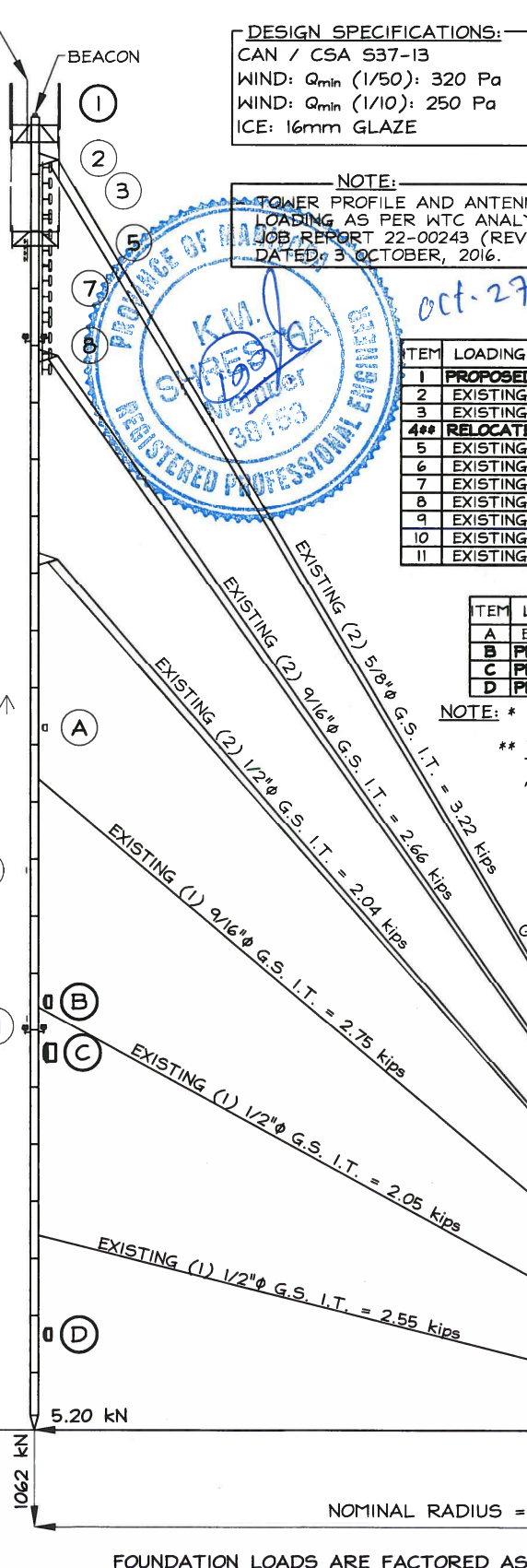
EL: 91.5m
3.6m T/R

EL: 68.4m

EL: 44.4m

EL: 20.4m

GRADE



WESTOWER
CITY OF WINNIPEG
PROJECT: SITE UPGRADE
SITE: 2230 MAIN STREET, WINNIPEG, MB

TITLE: DESIGN PROFILE

OWN BY/APP'D: JSG
DATE: 05/10/16
PROJECT No.: 22-00243
DRAWING No.: -D01

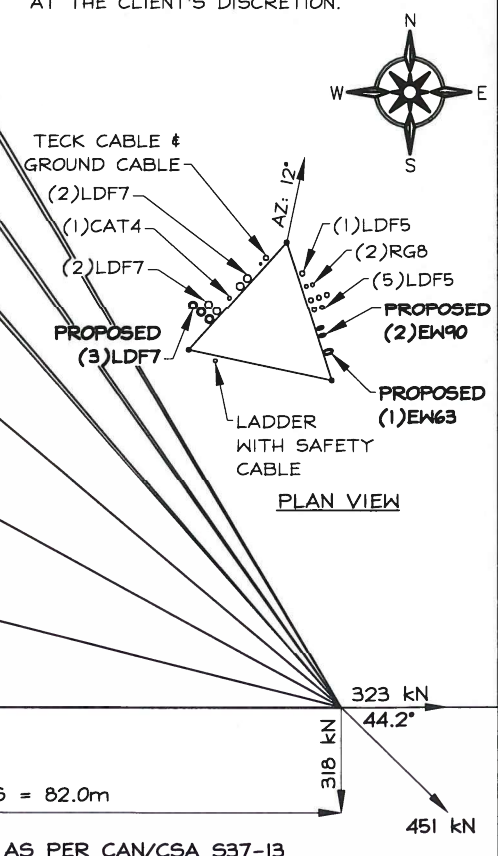
ANTENNA LOADING

ITEM	LOADING	ANTENNA	ELEV.*	Tx-LINES	AZ.
1	PROPOSED (3)	8C488-HF6LDF(D00)	139.4m	(3)LDF7	OMNI
2	EXISTING (2)	SRL-488 (INV.)	133.6m	(2)LDF7	OMNI
3	EXISTING (1)	SRL-210C-4	130.2m	(1)LDF5	180°
4**	RELOCATE (2)	SRL-488	128.3m	(2)LDF7	OMNI
5	EXISTING (1)	SRL-210C-4	124.8m	(1)LDF5	180°
6	EXISTING (1)	4 DIPOLE VHF	124.0m	(1)LDF5	TBD
7	EXISTING (1)	SRL-210C-4	120.0m	(1)LDF5	180°
8	EXISTING (1)	SRL-210C-4	114.0m	(1)LDF5	180°
9	EXISTING (1)	I3005E	76.2m	(1)CAT4	240°
10	EXISTING (1)	MT486001	58.8m	(1)RG8	220°
11	EXISTING (1)	MT486001	43.2m	(1)RG8	240°

MICROWAVE LOADING

ITEM	LOADING	MICROWAVE	ELEV.*	Tx-LINES	AZ.
A	EXISTING (1)	5SP2-23A	73.8m	(1)LDF5	240°
B	PROPOSED (1)	VHLP4-II	45.0m	(1)EW90	196.05°
C	PROPOSED (1)	VHLP6-6W	39.6m	(1)EW63	229.85°
D	PROPOSED (1)	VHLP4-II	10.0m	(1)EW90	194.26°

NOTE: * ELEVATIONS ARE PHYSICAL CENTERS OF APPURTENANCE.
** RELOCATE ITEM #4 FROM 139.4m ELEVATION TO THE DESIRED ELEVATION BELOW 129m, AT THE CLIENT'S DISCRETION.



FOUNDATION LOADS ARE FACTORED AS PER CAN/CSA S37-13

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