

Bell Mobility Inc.
10 Factory Lane
PO Box 2110
St. John's, NL A1C 5H6

Telephone: 709-758-5046
paul.greene@bell.ca



April 20, 2020

Mr. Jason Sinyard
Deputy City Manager
Planning, Engineering & Regulatory Services
City of St. John's
PO Box 908
St. John's, NL A1C 5M2

Re: Replacement of tower J0216 Blackmarsh Road

Dear Mr. Sinyard:

Bell Mobility wishes to inform the City of St. John's that we will start the process of replacing the tower at Blackmarsh Road in the coming weeks. The schedule calls for completion by the end of June. The existing equipment building will be re-used.

As you are aware, telecom towers are regulated by Innovation Science, Economic Development Canada (formerly Industry Canada), so this information is provided as a courtesy to the City.

Industry Canada Client Procedures Circular (CPC-2-0-03, Issue 5, 2014), Section 6, page 12:

The following proposals are excluded from land use authority and public consultation requirements:

- Existing Antenna Systems: *where modifications are made, antennas added or the tower replaced...*

The replacement tower will be a 30 meter galvanized lattice, 4 leg square design. See elevation drawing attached. There is capacity for future additional loading.

If you require anything further, please do not hesitate to contact us at (709) 758-5046 or e-mail paul.greene@bell.ca.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Greene".

Paul Greene
Senior Advisor - Network (Real Estate)

cc: Jeffrey Butt, Director of Operations, Industry Canada
Serge Bertuzzo, Director, Regulatory Affairs, Bell
Chantal Desjardins, Senior Manager, Real Estate



TOWER KIT NUMBER	N/A				
DESCRIPTION	New Section	New Section	New Section	New Section	New Section
MARKING					
LEG	L6x6x5/8	L6x6x1/2	L5x5x1/2	L4x4x5/16	L4x4x5/16
HORIZONTAL					A
DIAGONAL	L2 1/2x2 1/2x1/4	L2 1/2x2 1/2x1/4	L2 1/2x2 1/2x1/4	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16
SECTION WT. (lbs)	2561	2256	2042	1871	1364

Material grade legs: 350W
Material grade bracing: 300W

EL. = 99.00'
h-h = 7.50'

EL. = 82.50'
h-h = 7.50'

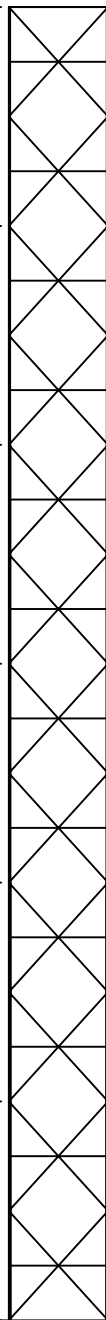
EL. = 66.00'
h-h = 7.50'

EL. = 49.50'
h-h = 7.50'

EL. = 33.00'
h-h = 7.50'

EL. = 16.50'
h-h = 7.50'

EL. = 0'
h-h = 7.50'



GALVANIZED ANCHOR BOLTS: (16) 1-1/4"Ø x60"

LEG FACTORED FOUNDATION LOADS

Max Download = 265.02 (Kips)
Max Uplift = 252.19 (Kips)
Max Shear = 12.44 (Kips)

GLOBAL FACTORED FOUNDATION LOADS

Max Axial = 30.38 (Kips)
Max OTM = 2627.01 (Kipsft)
Max Shear = 39.74 (Kips)

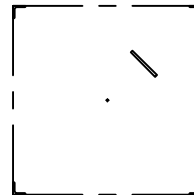
ANTENNA LOADING CHART									
No.	Description	Qty	Elev. (m)	Elev. (ft)	Azimuth (°TN)	TX Line IN 3-ROWS	Qty	Owner	Status
1	L.Rod +DOL	1	32.3	106	0			BELL	Desgin
2	(4) RRV4-65A-R3+(8) ANU5613 PANEL MOUNT	12	28.7	94	0	DC-Bell	6	BELL	Desgin
3	(8) RRU	8	28.7	94	0	FO-Bell	6	BELL	Desgin
4	(8) RRV4-65A-R6+ MOUNT	8	26.5	87	0	DC-Bell	6	BELL	Desgin
5	(24) RRU	24	26.5	87	0	FO-Bell	6	BELL	Desgin

STATUS: E-EXISTING, F-FUTURE, I-INITIAL, P-PROPOSED

MEMBERS LEGEND

A = L2 1/2x2 1/2x3/16

LADDER & SAFETY RAIL



TOWER CROSS SECTION

NOTES:

DESIGN STANDARD:
DESIGN WIND PRESSURE (1:50):
SERVICE WIND PRESSURE (1:10):
TERRAIN CLASSIFICATION:
BASIC ICE THICKNESS:
SEISMIC CONSIDERED - SITE CLASS
IMPORTANCE FACTOR:
SERVICEABILITY FACTOR:
MAX TOP ROTATION AT:

CAN/CSA-S37-18
12.7 (psf) [608 (Pa)]
9.8 (psf) [470 (Pa)]
SITE SPECIFIC
1.65 (in) [42.00 (mm)]
C GROUND ACC TO NBCC
1
9.8 (psf) :0.5"

EC REPORT DATED MARCH 10, 2020 SUPPLIED BY BELL

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CUSTOMER: BELL-REVISED RF SPEC		SITE: BLACKMARSH, NEWFOUNDLANF J0216		15	
DATE: 30 MAR 20		BY: KURT		CHK: APP:	
TITLE: 30M SPECIAL KDSS-SQUARE IN X SECTION				DRAWING NO. S200015201B	