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

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

April 27, 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:

As stated in our letter of April 20, Bell will initiate replacement of the tower at 47 Blackmarsh Road in the coming weeks. This replacement is facilitated by the Exclusions clause in:

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…*
  footnote 10: The exclusion for the replacement of existing antenna systems applies to replacements that are similar to the original design and location.

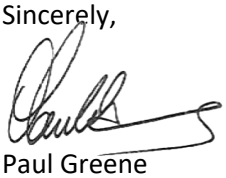
The replacement tower will be a galvanized lattice, 4 leg square design, 30 meters high, see elevation drawing attached. There is capacity for future additional loading, or for colocations. This particular tower design has been chosen due to the failure of the monopole design used previously, as that failure is still under investigation, Bell does not plan to install monopole towers until the cause of the incident can be fully explained, and take steps to prevent such occurances in the future. The lattice tower proposed is the same height and similar loading will be deployed.

In the days since the incident of February 28, Bell has received inquiries on the status of wireless network in the area of Mundy Pond and Old Topsail Road, and an inquiry into the replacement tower's future ability for colocations. It is important to note, that while Blackmarsh Road is a dense urban environment, this site provides critical network capacity and service to residential, commercial, government, and community service users of wireless communications.

…/2

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

Sincerely,

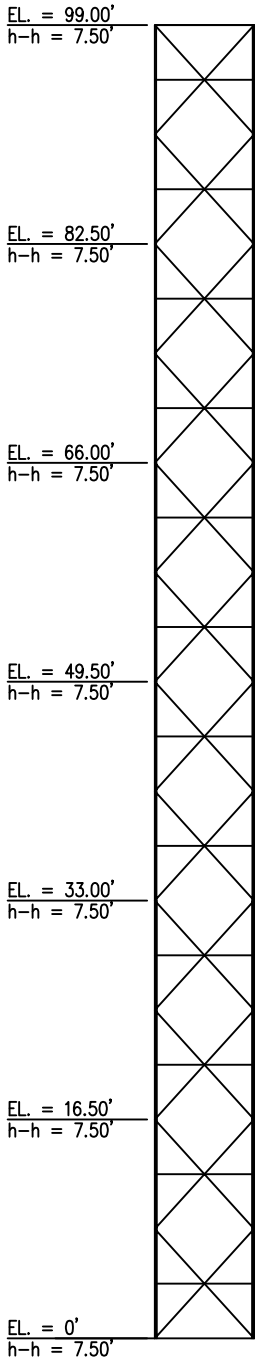


Paul Greene
Senior Advisor - Network (Real Estate)

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

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	A				
HORIZONTAL														
DIAGONAL	L2 1/2x2 1/2x1/4		L2 1/2x2 1/2x1/4		L2 1/2x2 1/2x3/16		L2 1/2x2 1/2x3/16		L2 1/2x2 1/2x3/16					
SECTION WT. (lbs)	2561		2256		2042		1871		1343		1364			

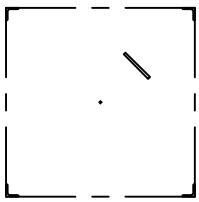
Material grade legs: 350W
Material grade bracing: 300W



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) RVV4-65A-R3+(8) AAU5613 PANELS+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

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)

REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE

NOTES:

DESIGN STANDARD:	CAN/CSA-S37-18
DESIGN WIND PRESSURE (1:50):	12.7 (psf) [608 (Pa)]
SERVICE WIND PRESSURE (1:10):	9.8 (psf) [470 (Pa)]
TERRAIN CLASSIFICATION:	SITE SPECIFIC
BASIC ICE THICKNESS:	1.65 (in) [42.00 (mm)]
SEISMIC CONSIDERED - SITE CLASS	C GROUND ACC TO NBCC
IMPORTANCE FACTOR:	1
SERVICEABILITY FACTOR:	1
MAX TOP ROTATION AT:	9.8 (psf) :0.5°

EC REPORT DATED MARCH 10, 2020 SUPPLIED BY BELL

Trylon

CUSTOMER:	SITE:	
BELL-REVISED RF SPEC	BLACKMARSH, NEWFOUNDLANF J0216	15

DATE:	BY:	CHK:	APP:
30 MAR 20	KURT		

TITLE:	DRAWING NO.
30M SPECIAL KDSS-SQUARE IN X SECTION	S200015201B