Tasha Buchanan

From: ward stamer <stamerje@gmail.com>
Sent: Friday, May 01, 2020 11:53 AM
To: Tasha Buchanan
Subject: Fwd: Lions Club - Proposed Container Installation
Attachments: Lions Container Rev 1.0.pdf

---------- Forwarded message ---------
From: **James Biller** <james.biller@gmail.com>
Date: Fri, May 1, 2020 at 10:57 AM
Subject: Lions Club - Proposed Container Installation
To: <inquiry@barriere.ca>
CC: stamerje@gmail.com <stamerje@gmail.com>, Dennis M Farquharson <grotrz@telus.net>

Dear Sir/Madam,

The Lions Club of Barriere seeks permission to place a 40' shipping container on the grounds of the Barriere Community Hall. The proposed location is adjacent to the rear of the hall, between the hall and Marshall Ln.

The container will provide storage for items currently stored in the hall, freeing up space and visual clutter. The container can also be used to provide storage for other community groups who use the hall on a regular basis.

The members of the Lions Club will perform the works associated with this project, We ask that if there are any fees for permits or inspection, that these be waived as this project is for the benefit of the community.

Drawings of the proposed location and installation details are attached.

Thank you for your consideration of our request, we look forward to your reply.

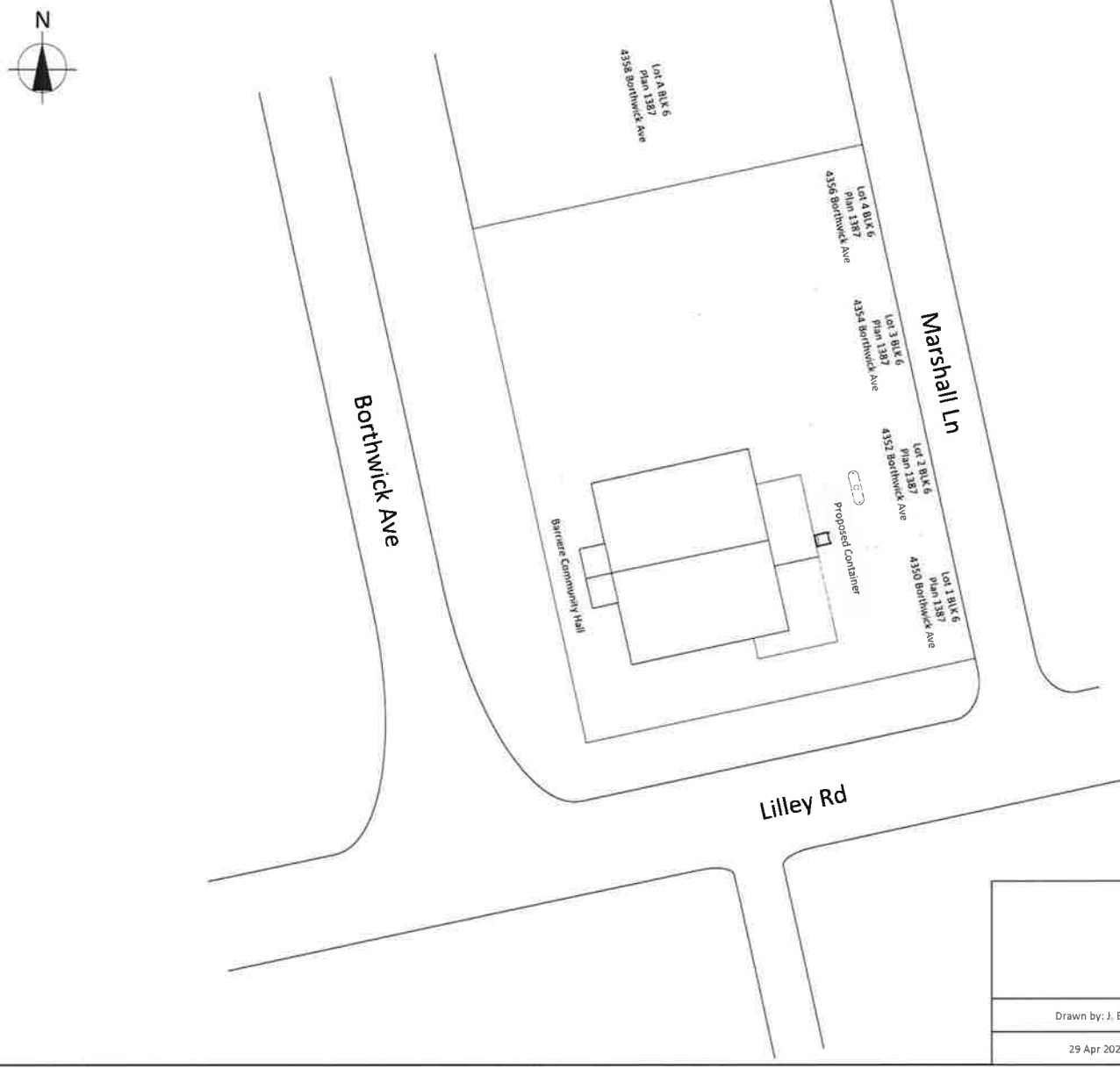
Should you require any additional details, please contact me in the first instance.

Best regards

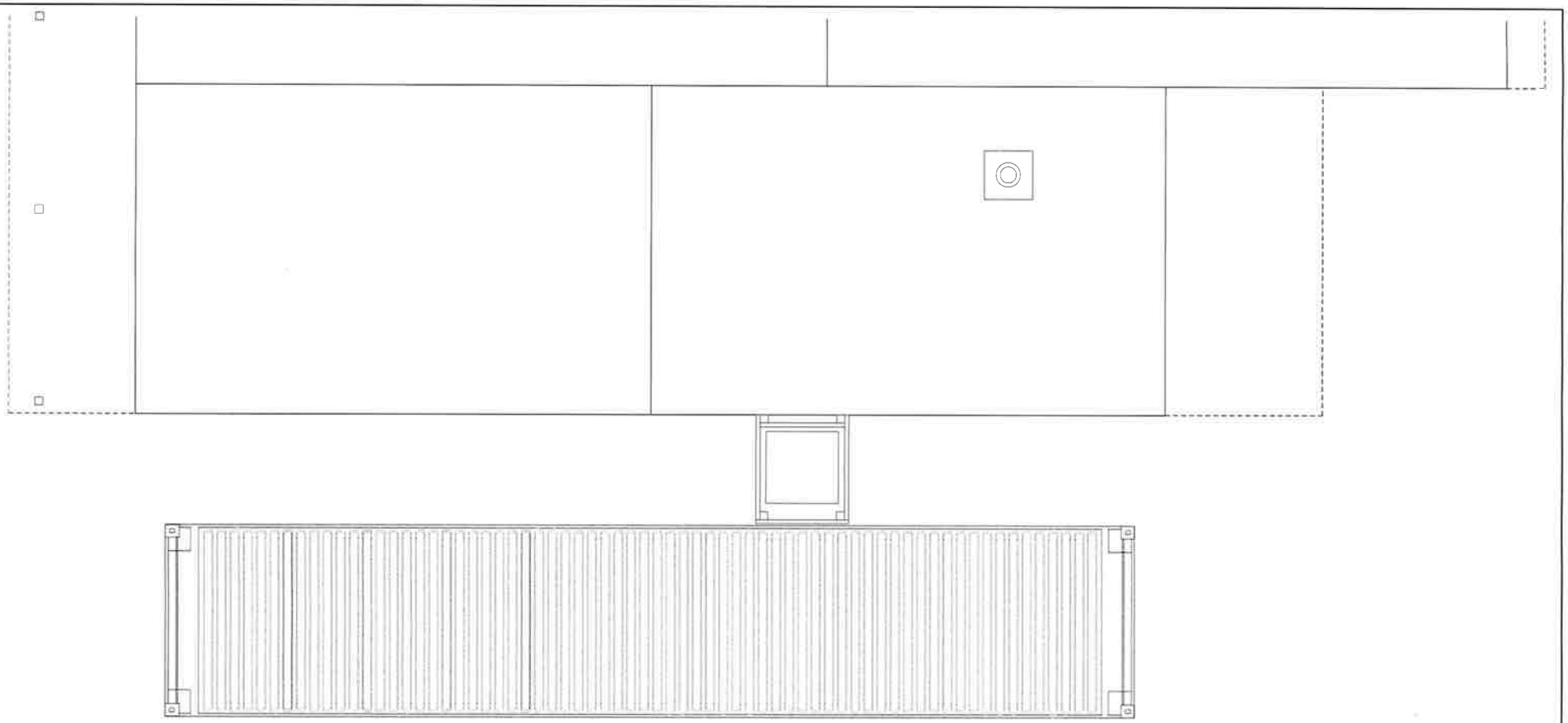
James Biller

President, Lions Club of Barriere

Ph 289-828-6368

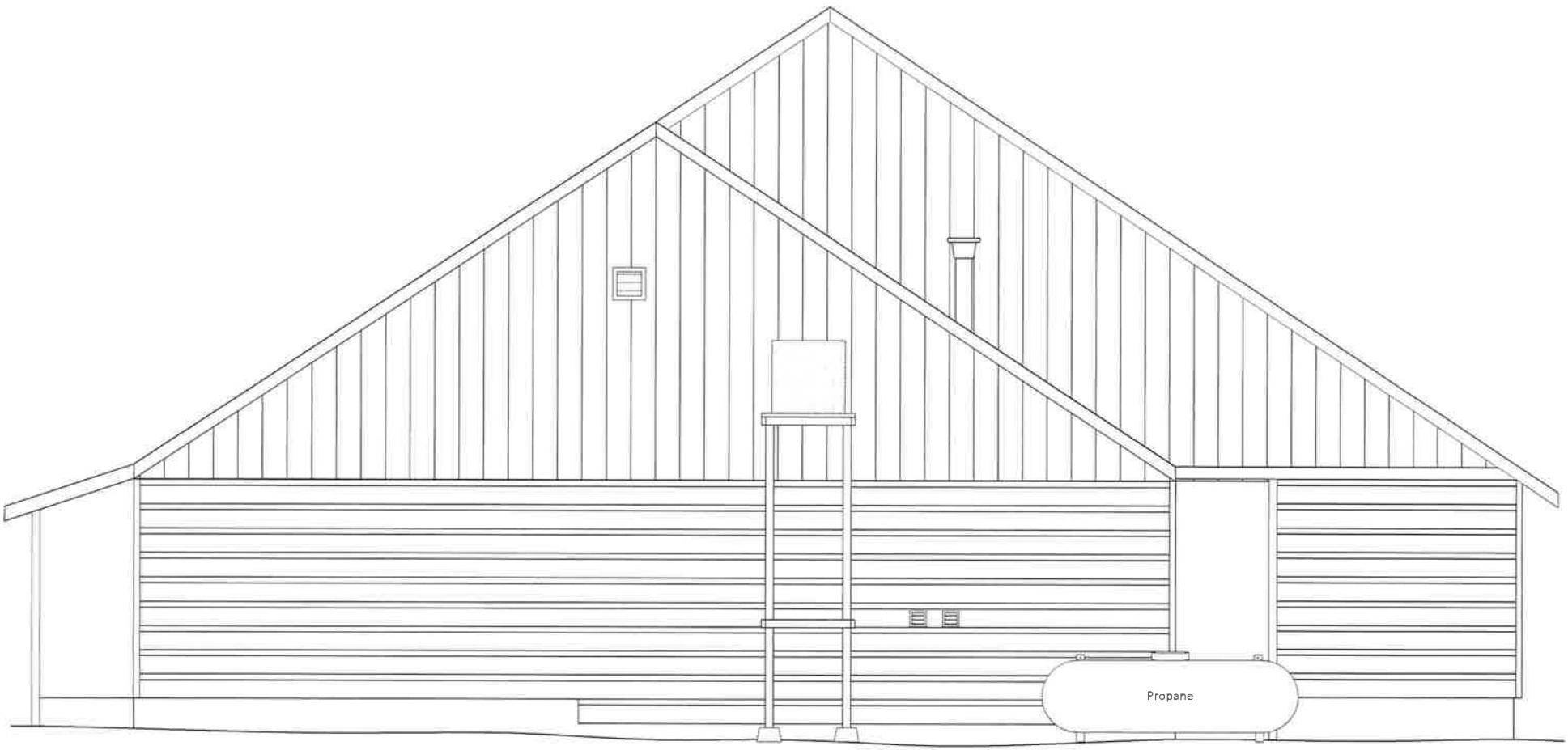


	Barriere Community Hall – Lions Club Container Project			
	Site Plan			
Drawn by: J. Biller	SIZE: B	FSCM NO:	DWG NO:	REV: 1
29 Apr 2020	SCALE: 1/32" : 1' 0"		SHEET: 1 OF 7	



Propane

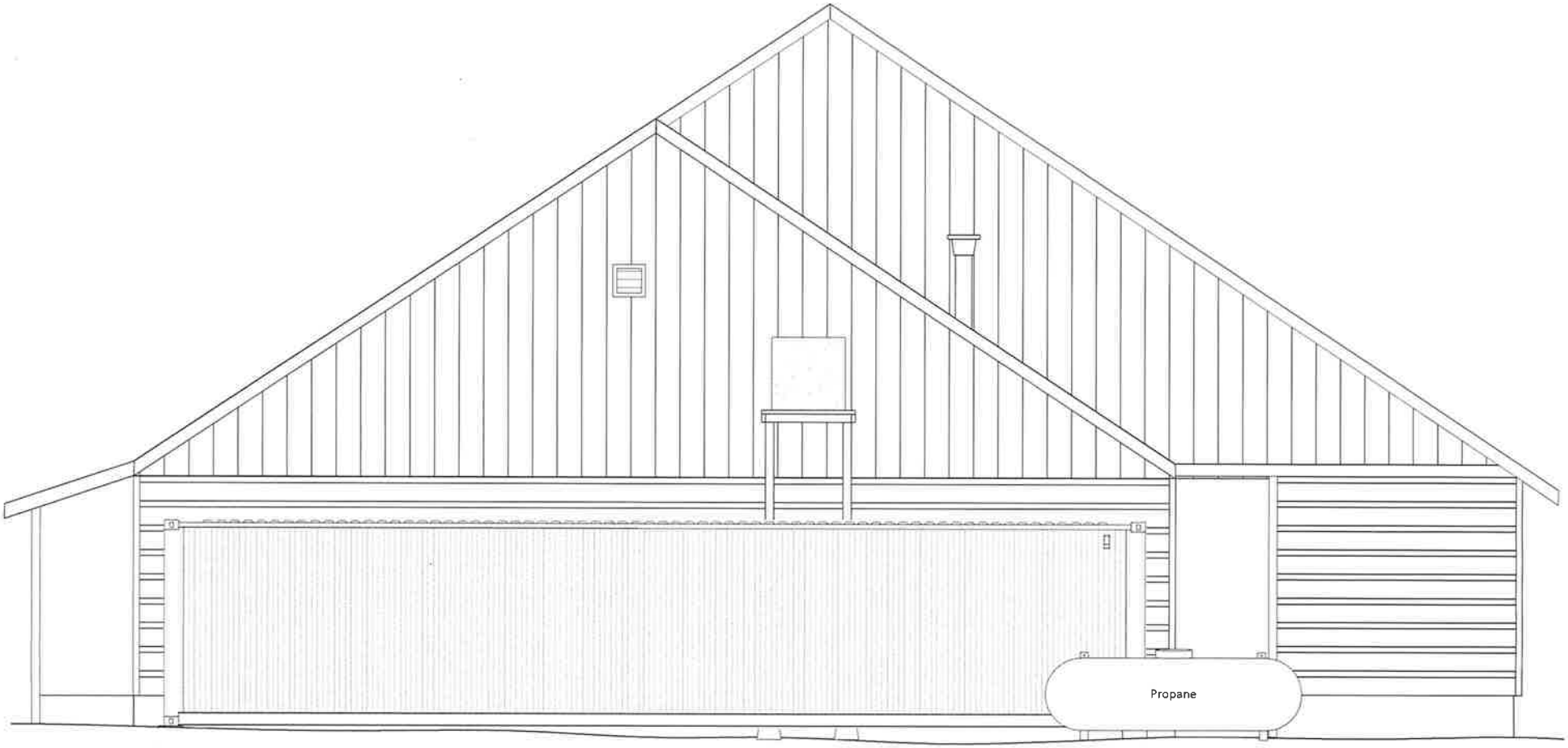
	Barriere Community Hall – Lions Club Container Project
	Plan View – Proposed Container Location
Drawn by: J. Biller	SIZE B | FSCM NO | DWG NO | REV 1
29 Apr 2020	SCALE 1/4" = 1'-0" | SHEET 2 OF 7



Barriere Community Hall – Lions Club Container Project

East Elevation – Existing

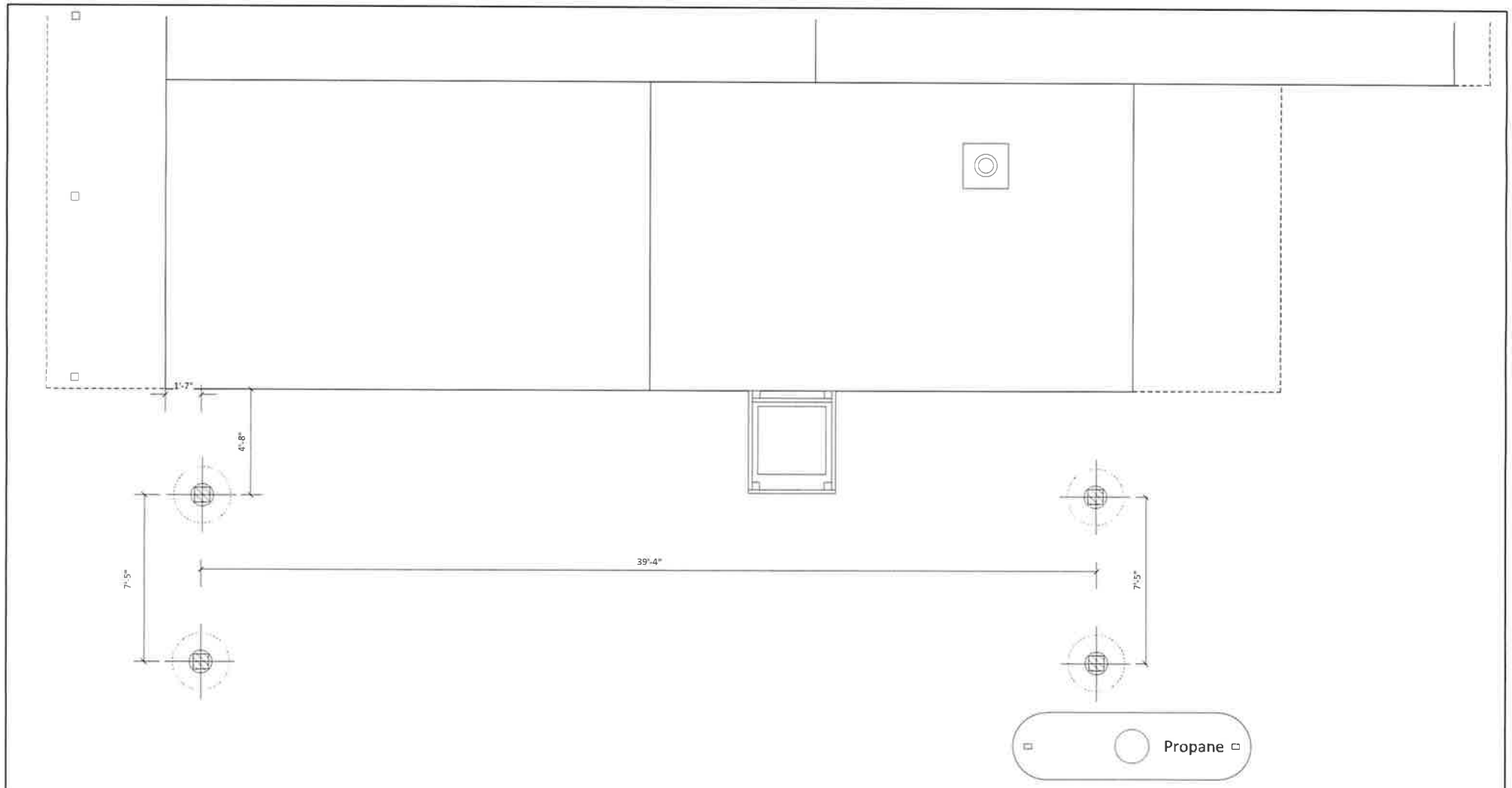
Drawn by: J. Biller	SIZE B	FSCM NO	DWG NO	REV 1
29 Apr 2020	SCALE 1/4" = 1'-0"		SHEET	3 OF 7



Barriere Community Hall – Lions Club Container Project

East Elevation – With Proposed Container

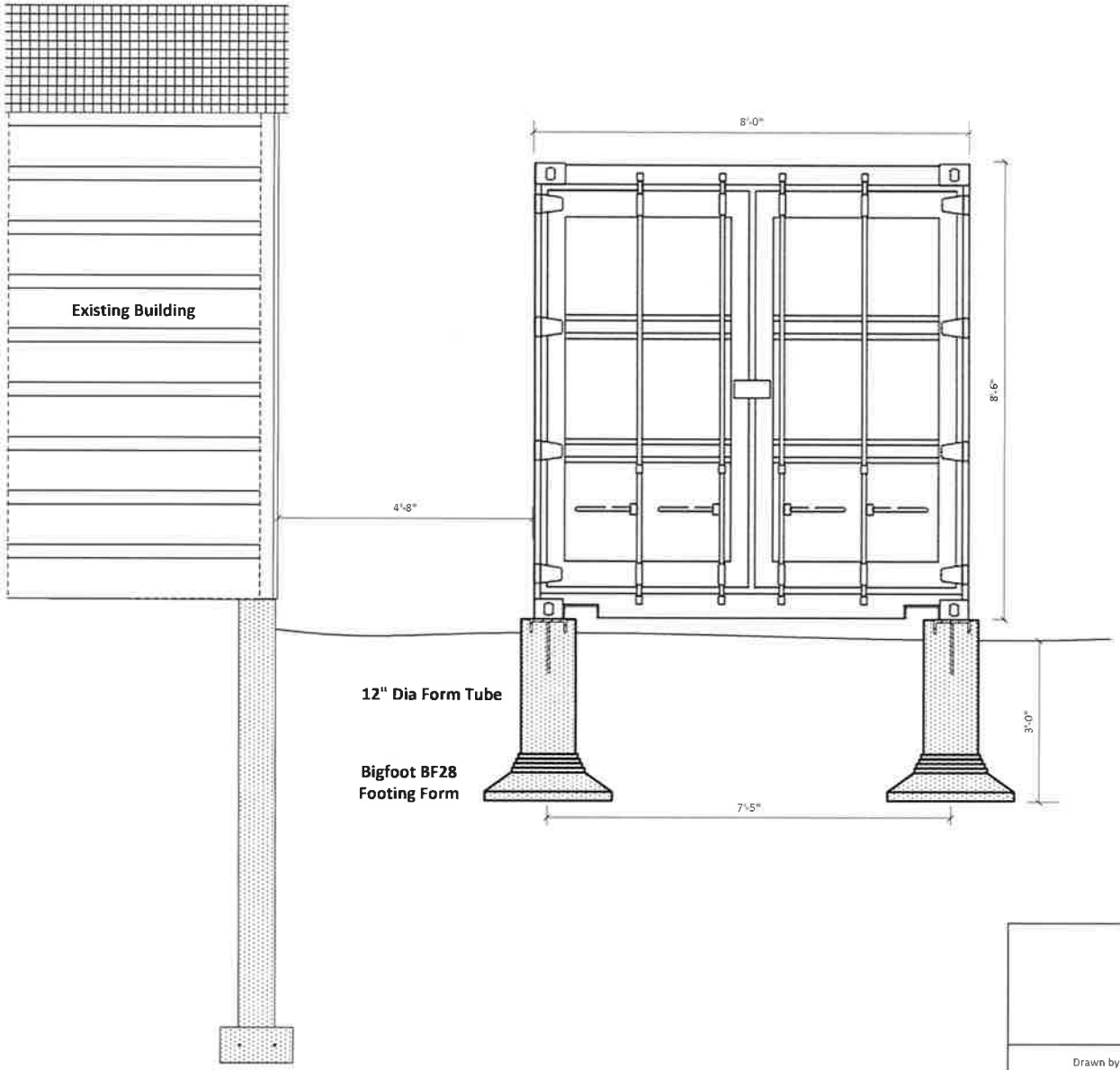
Drawn by: J. Biller	SIZE B	FSCM NO	DWG NO	REV 1
29 Apr 2020	SCALE 1/4" = 1'-0"		SHEET 4 OF 7	



Barriere Community Hall – Lions Club Container Project

Plan View – Container Footings

Drawn by: J. Biller	SIZE B	FSCM NO	DWG NO	REV 1
29 Apr 2020	SCALE 1/4" = 1'-0"		SHEET 5 OF 7	



Foundation & Footing Loading Calculations

		Unit
Container Tare Weight	8380	lb
Cotainer Roof Area	320	ft^2
Container Interior Area	300	ft^2
Live Load	30	lb/ft^2
Snow Load	55	lb/ft^2

Total Load

= (Container tare weight) + (Live load) + (Snow load)

= (8380) + (30 * 300) + (55*320)

=34,980	34,980	lb
Bearing capacity required at each corner	8745	lb

Barriere Community Hall – Lions Club Container Project

Container Footing Details

Drawn by: J. Biller	SIZE B	FSCM NO	DWG NO	REV 1
29 Apr 2020	SCALE 1/2" = 1'-0"		SHEET 6 OF 7	

Allowable Loads on BIGFOOT Systems Footing Forms Models BF20, BF24, BF28 and BF36 as per NBC 2015 Vol.2 Table 9.4.4.4

Soil Type	Maximum Allowable Bearing Pressure psf (kPa)	Model BF 20 Allowable Loads lbs (kN)	Model BF 24 Allowable Loads lbs (kN)	Model BF 28 Allowable Loads lbs (kN)	Model BF 36 Allowable Loads lbs (kN)
Soft Clay	835.42 (40.0)	1822.59 (8.1)	2624.54 (11.7)	3572.29 (15.9)	5905.21 (26.3)
Loose Sand or Gravel	1044.27 (50.0)	2278.24 (10.1)	3280.67 (14.6)	4465.36 (19.9)	7381.51 (32.8)
Firm Clay	1566.41 (75.0)	3417.37 (15.2)	4921.01 (21.9)	6698.04 (29.8)	11072.26 (49.3)
Dense or Compact Silt	2088.54 (100.0)	4556.49 (20.3)	6561.34 (29.2)	8930.71 (39.7)	14763.02 (65.7)
Dense or Compact Sand or	3132.81 (150.0)	6834.73 (30.4)	9842.01 (43.8)	13396.07 (59.6)	22144.53 (98.5)
Stiff Clay	3132.81 (150.0)	6834.73 (30.4)	9842.01 (43.8)	13396.07 (59.6)	22144.53 (98.5)
Till	4177.08 (200.0)	9112.97 (40.5)	13122.68 (58.4)	17861.43 (79.5)	29526.04 (131.3)
Clay Shale	6265.62 (300.0)	13669.46 (60.8)	19684.02 (87.6)	26792.14 (119.2)	44289.06 (197.0)
Sound Rock	10442.70 (500.0)	22782.44 (101.3)	32806.71 (145.9)	44653.57 (198.6)	73815.09 (328.3)

REGISTERED PROFESSIONAL ENGINEER
DATE 05 October 2017
8176
PROVINCE OF NOVA SCOTIA

Barriere Community Hall – Lions Club Container Project

Bigfoot Footing Forms – Engineering Load Tables

Drawn by: J. Biller	SIZE B	FSCM NO	DWG NO	REV 1
29 Apr 2020	SCALE 1/4" = 1'-0"		SHEET 7 OF 7	