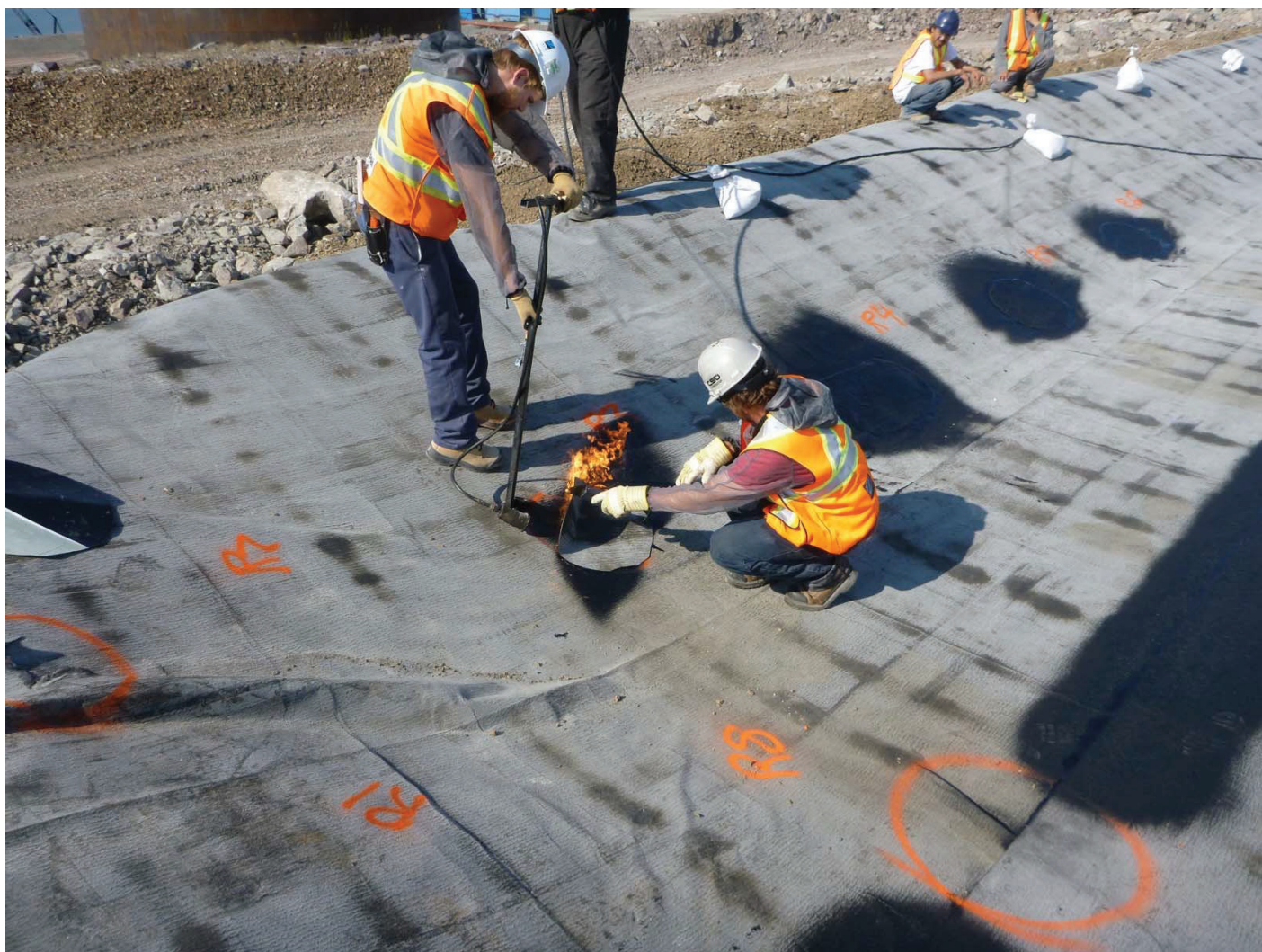
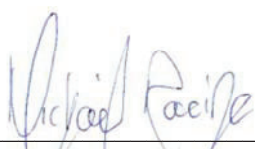


- Photo #2 – Reparation of hole in the bituminous geomembrane.



Par : 
Michaël Racine, tech.

Richard Marcoux, ing.
No OIQ : 38724
Project manager

Title of project :	Baker Lake Jet-A Fuel Farm	Date :	2013-07-27
Project # :	OP-84541-J /VD3356	Doc #:	VD3356-003-RV-14
Prepared by :	Michaël Racine	Contractor :	Fernand Gilbert Ltée
Verified by :	Richard Marcoux, ing.	Temperature :	15 à 23°C Wind : 0 à 10 km/h

Object : Contractor's schedule (approximative hours)

Labour and machinery	Company	Working hours
Shovel CAT 365C L	FGL	5.5
Shovel CAT 320	FGL	0
Bulldozer Komat'su 39px	FGL	0
Roller compactor Hamm 3625	FGL	0
Operator	FGL	12
Surveyor	FGL	12
3 Labours	FGL	4
Generator 6000 W	BLCS	1 jour
Truck Cat 740	BLCS	55.2 m3
2 membrane installers	Texel	6.5
Field inspector	Stavibel	12

- **6h30 à 12h** Shovel 365 et 2 labours (Texcel) place the bituminous geomembrane.
- **6h30 à 10h30** 3 labours (FGL) place the bituminous geomembrane.
- **13h à 15h** 2 labours (Texcel) test the resistance of the welds in the bituminous geomembrane.
- **13h à 18h30** Operator and surveyor (FGL) stand by.
- **17h à 18h30** Truck CAT 740 hauls the 0-20mm crushed stone.

Comments :

- Inspection of the membrane.
- The 0-20 mm crushed stone produce by BLCS for the pad above the bituminous geomembrane is non- compliant. It contains particules up to 1-1/2". The material is rescreened and the placing of the 0-20 mm crushed stone begins at the end of the day.
- I inspect the membrane before filling above to make sure that no hole and no punching remains. Small rocks are detected under the membrane. Pieces of membrane are added on it.



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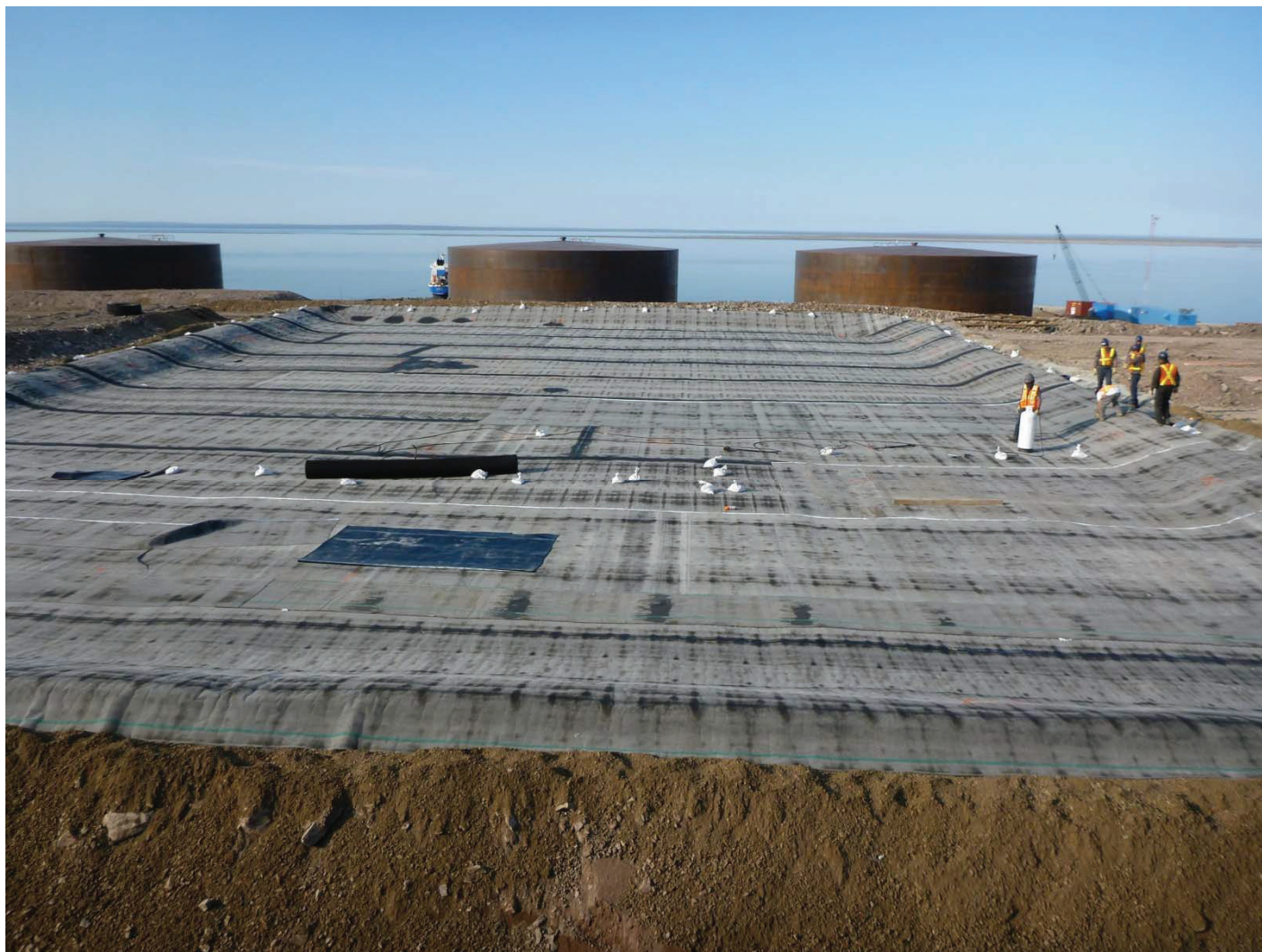
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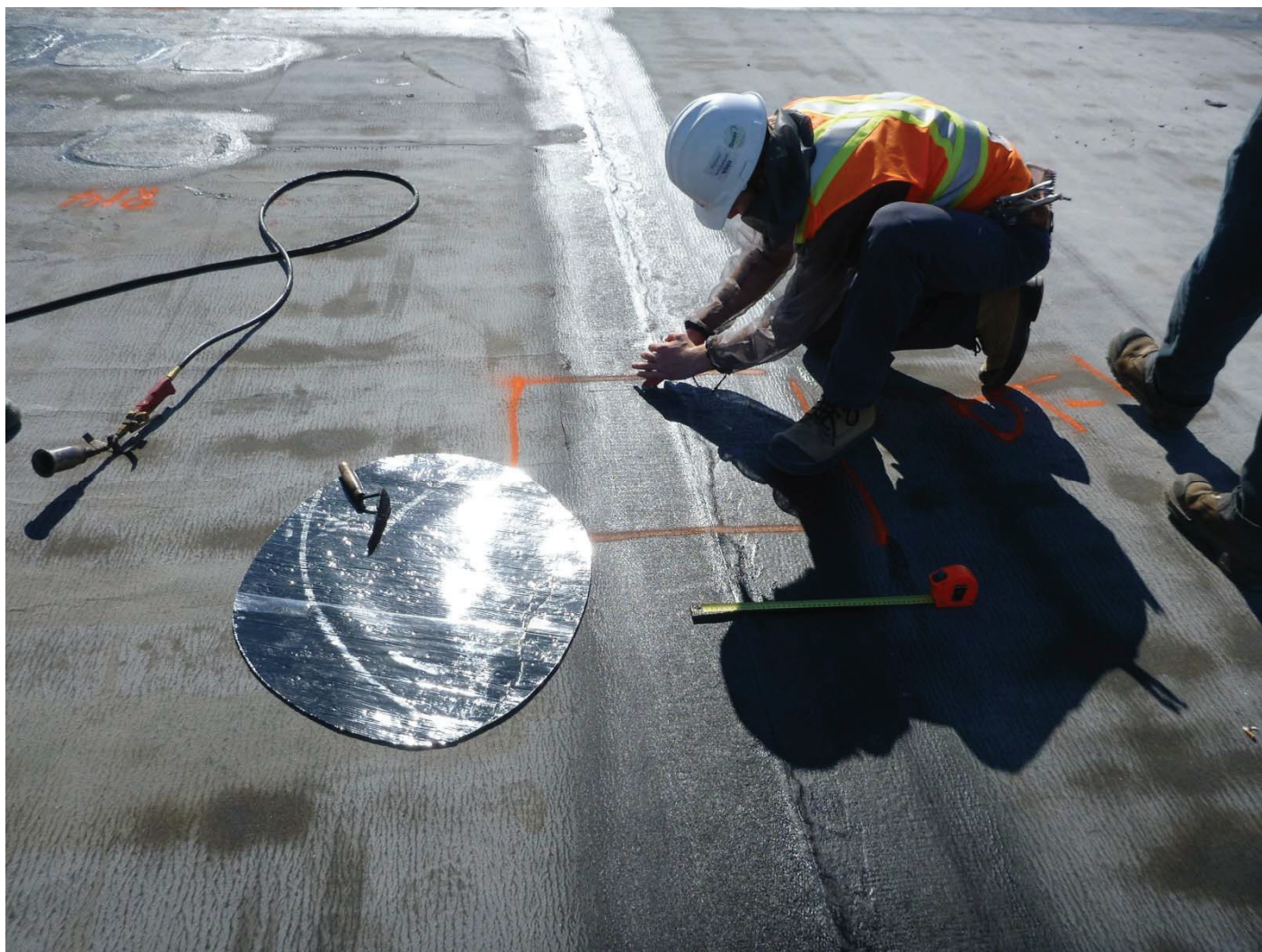
- Survey of a load of 0-20 mm crushed stone. The result is 18.4 m³/load. Here are the corrected quantities according to this new volume:

	0-3/4"		Muck quarry 1	
	load	volume (m3)	load	volume (m3)
2013-07-15			24	441,6
2013-07-16			34	625,6
2013-07-17	15	276	14	257,6
2013-07-20	7	128,8		
2013-07-21	3	55,2		
2013-07-23	2	36,8		
2013-07-27	3	55,2		
Cumulative	30	552	72	1324,8

- Photo #1 – Installing the bituminous geomembrane with a geotextile under.



- Photo #2 – Sampling of Colétanche in place to test the welds resistance with the tensometer. The results are compliant according to the Texel membrane installers.





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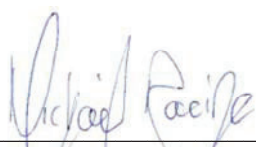
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- Photo #3 – Inspection of the membrane. Small prominent rocks (10mm and less) are detected at some place under the membrane. A second thickness of colétanche is added on these spots to make sure there will not be any punching.



Par :



Michaël Racine, tech.

Richard Marcoux, ing.
No OIQ : 38724
Project manager

Title of project : Baker Lake Jet-A Fuel Farm	Date : 2013-07-28
Project # : OP-84541-J /VD3356	Doc #: VD3356-003-RV-15
Prepared by : Michaël Racine	Contractor : Fernand Gilbert Ltée
Verified by : Richard Marcoux, ing.	Temperature : 15 à 23°C Wind : 0 à 10 km/h

Object : Contractor's schedule (approximative hours)

Labour and machinery	Company	Working hours
Shovel CAT 365C L	FGL	8
Shovel CAT 320	FGL	0
Bulldozer Komat'su 39px	FGL	2
Roller compactor Hamm 3625	FGL	0
Operator	FGL	12
Surveyor	FGL	12
Truck Cat 740	BLCS	239.2 m3
Shovel Cat 307	AEM	1
Field inspector	Stavibel	12

- **6h30 à 18h30** Shovel 365, Shovel 320 et Bulldozer 39px (alternating) place the 0-20mm crushed stone on the bituminous geomembrane.
- **8h à 18h30** Truck CAT 740 hauls the 0-20mm crushed stone.

Comments :

- After comparison of the specs of the shovel CAT 307 and the bulldozer Komat'su 39px, we decide to use the bulldozer instead of the shovel 307. The ground pressure is 33.34 kPa (with the bulldozer) instead of 32.3 kPa (with the shovel).
- Big waiting time for the BLCS material. Only 1 truck. Around 2 loads/hour.



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- Summary of the volumes hauled by BLCS (18.4 m³/load) :

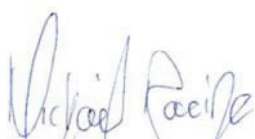
	0-3/4"		Muck quarry 1	
	load	volume (m3)	load	volume (m3)
2013-07-15			24	441,6
2013-07-16			34	625,6
2013-07-17	15	276	14	257,6
2013-07-20	7	128,8		
2013-07-21	3	55,2		
2013-07-23	2	36,8		
2013-07-27	3	55,2		
2013-07-28	13	239,2		
Cumulative	43	791,2	72	1324,8

- Photo #1 – Screening of the 0-20mm and loading of the trucks at the Nuna Pad (BLCS).



- Photo #2 – Placing the 0-20mm above the bituminous geomembrane. A geotextile is place before.



Par : 
Michaël Racine, tech.

Richard Marcoux, ing.
No OIQ : 38724
Project manager

Title of project : Baker Lake Jet-A Fuel Farm	Date : 2013-07-29
Project # : OP-84541-J /VD3356	Doc #: VD3356-003-RV-16
Prepared by : Michaël Racine	Contractor : Fernand Gilbert Ltée
Verified by : Richard Marcoux, ing.	Temperature : 15 à 17°C Wind : 20 à 30 km/h

Object : Contractor's schedule (approximative hours)

Labour and machinery	Company	Working hours
Shovel CAT 365C L	FGL	7.5
Shovel CAT 320	FGL	0
Bulldozer Komat'su 39px	FGL	3.5
Rolle compactor Hamm 3625	FGL	0
Operator	FGL	12
Surveyor	FGL	12
Truck Cat 740	BLCS	257.6 m3
Shovel Cat 307	AEM	0
Field inspector	Stavibel	12

- **6h30 à 18h30** Shovel 365 et Bulldozer 39px (alternating) place the 0-20mm on the bituminous geomembrane.
- **7h à 18h30** Camion CAT 740 hauls the 0-20mm.

Comments :

- Big waiting time for the BLCS material. Only 1 truck. About 40 minutes between loads.
- The BLCS crusher is out of use. The 0-20mm will be make entirely by the screener.

- Summary of the volumes hauled by BLCS (18.4 m³/load) :

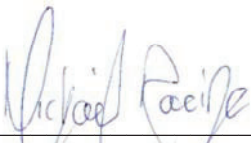
	0-3/4"		Muck quarry 1	
	load	volume (m3)	load	volume (m3)
2013-07-15			24	441,6
2013-07-16			34	625,6
2013-07-17	15	276	14	257,6
2013-07-20	7	128,8		
2013-07-21	3	55,2		
2013-07-23	2	36,8		
2013-07-27	3	55,2		
2013-07-28	13	239,2		
2013-07-29	14	257,6		
Cumulative	57	1048,8	72	1324,8

- Photo #1 – Lot of particules bigger than 20mm in the 0-20mm brought by BLCS. We advise BLCS to check the screener. Indeed, there was a gap on the side of the screen because of a missing inner bar. After the reparation of the screener, there is still presence of particules up to 100mm in the material from an unknow source. We remove them by hand on the field, but there is still a lot of rocks around 1 1/2" big.



- Photo #2 – Placing the 0-20mm above the bituminous geomembrane. A geotextile is placed before.



Par : 
Michaël Racine, tech.

Richard Marcoux, ing.
No OIQ : 38724
Project manager

Title of project :	Baker Lake Jet-A Fuel Farm	Date :	2013-07-30
Project # :	OP-84541-J /VD3356	Doc #:	VD3356-003-RV-17
Prepared by :	Michaël Racine	Contractor :	Fernand Gilbert Ltée
Verified by :	Richard Marcoux, ing.	Temperature :	15 à 17°C Wind : 20 à 30 km/h

Object : Contractor's schedule (approximative hours)

Labour and machinery	Company	Working hours
Shovel CAT 365C L	FGL	7
Shovel CAT 320	FGL	0
Bulldozer Komat'su 39px	FGL	4
Roller compactor Hamm 3625	FGL	0
Operator	FGL	12
Surveyor	FGL	12
Truck Cat 740	BLCS	202.4 m3
Shovel Cat 307	AEM	0
Field inspector	Stavibel	12

- **6h30 à 18h30** Shovel 365 and Bulldozer 39px (alternating) place the 0-20mm on the bituminous geomembrane.
- **8h à 18h00** Truck CAT 740 hauls the 0-20mm.

Comments :

- Big waiting time for the BLCS material. Only 1 truck. About 40 minutes between loads.
- The BLCS crusher is out of use. The 0-20mm will be make entirely by the screener.
- Taking of 2 samples of 0-20mm on the field and 1 more sample in the BLSC stockpile at the Nuna Pad.

- Summary of the volumes hauled by BLCS (18.4 m³/load) :

	0-3/4"		Muck quarry 1	
	load	volume (m3)	load	volume (m3)
2013-07-15			24	441,6
2013-07-16			34	625,6
2013-07-17	15	276	14	257,6
2013-07-20	7	128,8		
2013-07-21	3	55,2		
2013-07-23	2	36,8		
2013-07-27	3	55,2		
2013-07-28	13	239,2		
2013-07-29	14	257,6		
2013-07-30	11	202,4		
Cumulative	68	1251,2	72	1324,8



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- Photo #1 – I measured the mesh size of the BLCS screener. The opening of 30mm explain the presence of particules higher than 20 mm. BLCS affirmed that they don't have a smaller screen on July 27th when they change the screen. Also, there is still several rocks up to 100 mm in the 0-20 mm. We remove them by hand on the field.



- Photo #2 – Placing the 0-20mm above the bituminous geomembrane. A geotextile is placed before.




- Photo #3 – Compaction test with the roller compacter Hamm 3625 on low vibration directly on the 0-20mm uncompacted and without any covering above. Not any hole nor any deformation are noticed on the bituminous geomembrane. The decision is taken to use the roller compactor for the compaction of the pad above the Colétanche membrane.



Par :


Michaël Racine, tech.


Richard Marcoux, ing.
No OIQ : 38724
Project manager

Title of project : Baker Lake Jet-A Fuel Farm	Date : 2013-07-31
Project # : OP-84541-J /VD3356	Doc #: VD3356-003-RV-18
Prepared by : Michaël Racine	Contractor : Fernand Gilbert Ltée
Verified by : Richard Marcoux, ing.	Temperature : 15 à 17°C Wind : 20 à 30 km/h

Object : Contractor's schedule (approximative hours)

Labour and machinery	Company	Working hours
Shovel CAT 365C L	FGL	5
Shovel CAT 320	FGL	4.5
Bulldozer Komat'su 39px	FGL	1.5
Roller compactor Hamm 3625	FGL	2
Operator	FGL	12
Surveyor	FGL	12
Truck Cat 740	BLCS	33.8 m3
Water tanker	Hamlet	2
Shovel Cat 307	AEM	0
Field inspector	Stavibel	12

- **6h30 à 10h** Shovel 365 and Bulldozer 39px (alternating) place the 0-20mm on the bituminous geomembrane.
- **8h30 à 10h30** Water tanker moistens the 0-20mm using a total of 15234 L of water.
- **10h30 à 13h30** Compactor compacts the pad of 0-20mm.
- **10h à 14h** Shovel 365 moves the contaminated stockpile to profile better the ditch.
- **14h à 18h30** Shovel 320 backfills the small key trench for the bituminous geomembrane and installs a steel pipe for the electric wire feeding the pump house..

Comments :

- Departure of the field inspector (myself) on August 1st around 7h.

- Survey of 42 loads of 0-20mm in place uncompacted. Here is the summary of the volumes haules by BLCS (estimate with an average of 16.9 m³/load) :

	0-3/4"		Muck quarry 1	
	load	volume (m3)	load	volume (m3)
2013-07-15			24	405,6
2013-07-16			34	574,6
2013-07-17	15	253,5	14	236,6
2013-07-20	7	118,3		
2013-07-21	3	50,7		
2013-07-23	2	33,8		
2013-07-27	3	50,7		
2013-07-28	13	219,7		
2013-07-29	14	236,6		
2013-07-30	11	185,9		
2013-07-31	2	33,8		
Cumulative	70	1183	72	1216,8

- Photo #1 – Moistening and compaction of the 0-20mm. Compaction: 2 static passes, 1 vibratory pass in each direction and 2 last static passes.

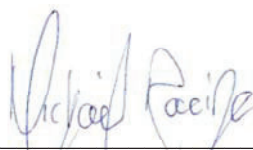


- Photo #2 – Installation of a steel pipe with a rope inside in prevision of passing the electric wire to the pump house.



- Photo #3 – Overview of the second containment system ready to take the Jet-A tanks.

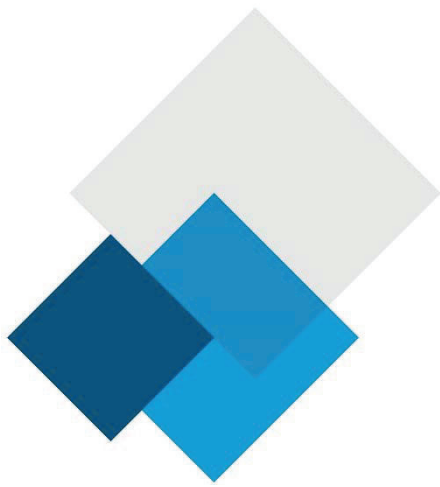


Par : 
Michaël Racine, tech.

Richard Marcoux, ing.
No OIQ : 38724
Project manager

Appendix A5

Construction Summary Report: Baker Lake Fuel Storage Tank 7 and Containment Facilities (2020)



CONSTRUCTION SUMMARY REPORT

Baker Lake Fuel Storage Tank 7 and Containment Facilities

Agnico Eagle Mines Ltd

Report

653281-0004-40ER-0005_0

January 17, 2020

Authorized Signatory:



L3940
2020-01-16

Israël Gagnon, P.Eng., MBA
Mechanical engineer

EXECUTIVE SUMMARY

SNC Lavalin Stavibel Inc. was retained by Agnico Eagle Mines Limited to prepare a construction summary (as built) report for the fuel storage tank and containment facilities of the Meadowbank Gold Project, Nunavut. SNC Lavalin Stavibel Inc. previously prepared the construction drawings and specifications as well as the design report for the fuel storage tank and containment facilities.

SNC Lavalin Stavibel Inc. wasn't involved in the construction of the fuel storage tank and containment facilities, the information presented in this report was provided in part by Agnico Eagle.

The construction of the fuel storage tank and containment facilities were completed in September 2019. The construction monitoring and quality assurance was managed by Agnico Eagle.

This report summarizes the construction as-built information for the fuel storage tank and containment facilities.

Table of contents

1. Introduction	4
2. Construction Summary	4
2.1 Site location plan.....	4
2.2 Fuel tank size	5
2.3 Tank Foundations Design	5
2.4 Berms Design.....	5
2.5 Secondary Containment Capacity	6
2.6 Secondary Containment Imperviousness	7
2.7 Secondary Containment Drainage	7
2.8 Drawings and photographs	7
2.9 Time line.....	7
3. Field decisions	7
3.1 Equipment and controls	7
3.2 Piping	7
4. Mitigation measure	8
5. Construction monitoring and inspection test plan	8
5.1 Membrane	8
5.2 Tank weld.....	8
Appendices	
Appendix A	Final Construction drawings
Appendix B	As built drawings
Appendix C	Photographs
Appendix D	Fuel tank handover package

1. Introduction

This document presents the fuel storage tank 7 and containment facilities construction summary report required by the Water Licence 2AM-MEA1526 Part D Item 14 and Part G Item 4. As required by Water Licence Schedule D, this report contains the final design and construction drawings, a summary of construction activities including pictures recorded before, during and after construction. The as-built drawings, detailed explanation of field decision to reflect any deviations from the original construction drawings/plans and how such deviations may affect performance of engineered structures, a discussion of the mitigation measures implemented during construction and its effectiveness are also presented.

2. Construction Summary

2.1 Site location plan

Agnico Eagle is developing the Whale Tail Project in the Kivalliq Region of Nunavut (65°24'25" N, 96°41'50" W). The 99,878-hectare Amaruq property is located on Inuit-owned and federal crown land, approximately 55 km north of the Meadowbank mine. The Meadowbank mine is accessible from Baker Lake, located 70 kilometers to the south. The Baker Lake Bulk Fuel Storage Tank Facility is located east of the hamlet of Baker Lake, on the north shore of Baker Lake.



Figure 1 – Baker Lake Fuel Farm Site Overview (tank 7 in construction)

2.2 Fuel tank size

Baker Lake fuel farm now includes seven (7) fuel storage tank. This report is base on the seventh tank built in spring/summer 2019.

The Table 1 below presents the tank main dimensions.

Table 1 – Description of the fuel farm

Fuel farm Description	Baker Lake fuel tank 7
Product	Diesel
Volume (liter)	10 M
Diameter (m)	33.5
Height (m)	12.2

The detailed design of the Fuel Farm is presented in drawings in Appendix A.

2.3 Tank Foundations Design

The tank foundation pad is built 2 meters lower than the surrounding ground with a minimum total thickness of 800 mm of compacted material which includes the liner system. A 3 m shoulder surround the tank with a slope of 1V:2H away from the tank. The embankments of the foundation pad are no steeper than 1V:2H.

The Table 2 below presents the design parameters for the tank foundations.

Table 2 – Design parameters for the tank foundations

Tank Foundation Pad	
Tank Diameter (m)	33.5
Tank foundation pad top (m)	2x 18.0 x 18.0
Tank foundation pad average thickness, above surrounding ground (m)	1.2
Slope on shoulder	1V:2H
Embankment slope	1V:2H

2.4 Berms Design

The storage tank is enclosed inside berms to contain accidental spillage of fuel product. The berms are made of granular material and are made impervious with a geomembrane.

The design parameters for the berms surrounding the fuel tank are presented in the table below.

Table 3 - Design parameters for fuel farm Berms

Tank Farm Berms	
Berms length (distance between the outer sides of the Berms) (m)	125
Berms width (distance between the outer sides of the Berms) (m)	71
Berms height (min) (m)	3
Containment height (m)	2
Berms flat top width (m)	1.5
Berms embankment slope	1V:2H
Impervious area (m ²)	10 000

2.5 Secondary Containment Capacity

The required capacity of the fuel farms new section was calculated based on the following codes and regulations:

- National Fire Code of Canada (NFCC);
- National Fire Protection Association (NFPA); and
- Design Rationale for Fuel Storage and Distribution Facility (DRFS).

As per the latest edition of NFCC, art. 4.3.7.3, the required secondary containment capacity for a fuel farm must have a volumetric capacity of not less than the sum of:

- A) The capacity of the largest storage tank located in the contained space, and;
- B) 10% of the greater of:
 - i. The capacity specified in Clause (A), or;
 - ii. The aggregate capacity of all other storage Tanks located in the contained space.

The volume occupied by the Tank foundation is considered in the total secondary containment capacity. The height of the secondary containment capacity is 300 mm lower than the berms' maximum elevation. Based on the above-mentioned, the secondary containment capacity requirements and the available capacity for fuel farms are summarized in the Table 4.

Table 4 – Fuel farm new section containment capacity

New section	
Volume (liter)	20 M (2X 10M)
Required Containment Capacity (liter)	11 M
Available Containment Capacity (liter)	20M

2.6 Secondary Containment Imperviousness

As per NFCC art. 4.3.7.2, the base and walls of the fuel farms secondary containment are designed, constructed and maintained to withstand full hydrostatic head and provide a permeability of not more than 10^{-6} cm/s to the flammable liquids or combustible liquids contained in the storage tank. The berm is impervious to avoid any seepage into the environment. A 5.10 mm ES-2 Coletanche geomembrane provide adequate imperviousness.

2.7 Secondary Containment Drainage

The finished grade of the secondary containment is sloped away from the Tank to drain the runoff water. The bottom of the berms surface is built with slopes that will allow accidental spills to be concentrated at a low point. A drainage basin located at the low point allows the recovery by pumping accumulations of rainwater and accidental spills.

2.8 Drawings and photographs

Fuel farm tank and containment final design and construction drawings are available in the Appendix A, construction pictures are available in Appendix C.

2.9 Timeline

The baker lake fuel storage tank number 7 and containment facility where built in 2019. Civil and earth work started on April 2019, followed by tank and piping fabrication in August 2019. Construction work were finalised on September 17th, 2019.

3. Field decisions

3.1 Equipment and controls

Equipment where build in containers and installed without modification on site document 6120-C-260-001-REP-001 Fuel Tank Storage and Containment Facilities Design Report and Drawings, present the rational and decisions that led to its construction. No modifications were performed, and the Fuel storage tank and containment facilities are operational as they were designed.

3.2 Piping

Piping between filling and distributing container and the fuel tank respect the point to point design. The piping isn't exactly as per drawing (can be seen on photos in Appendix C) but respect the P&ID. As built drawings can be consulted in Appendix B.

4. Mitigation measure

Quarrying activities to build the berm was at Quarry #2 situated at KM 13 on AWAR. No blast were done on the construction site. During the fuel storage tank and containment facilities construction, no sediments were released in water from construction areas and no water was used to manage dust emissions from construction activity.

5. Construction monitoring and inspection test plan

5.1 Membrane

The manufacture and supply of the liner system for the fuel farm comply with ASTM standard. The manufacturer provided a certification stating that the material proposed has physical properties that meet the required values. The rolls of liner were labelled, packaged, shipped, off-loaded, stored and handled by appropriate means to prevent damage to the material.

The subgrade surface was inspected by an engineer to verify suitability prior to installation of the liner system. A minimum thickness of fill covering the liner is maintained for operating equipment over the liner to prevent any damage. The installation of the liner system was performed by a qualified technician. All seaming, patching, welding operations, and testing were performed by a qualified technician. Joints/seams between liners panels were welded using the manufacturer's recommended procedures and equipment. The backfill material was placed in accordance with the drawings and specifications for the maximum lift thickness, compaction requirements and final grade levels.

During membrane installation, visual testing by a qualified worker was carried. Those tests were done on cooled bitumen. Joints were tested with a round-tipped trowel to ensure that the welds were not separating. All defects were clearly marked for repair.

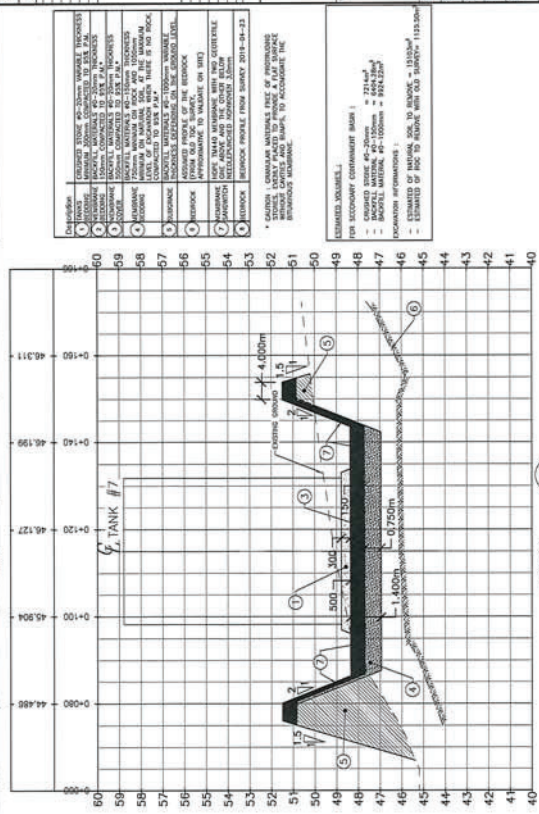
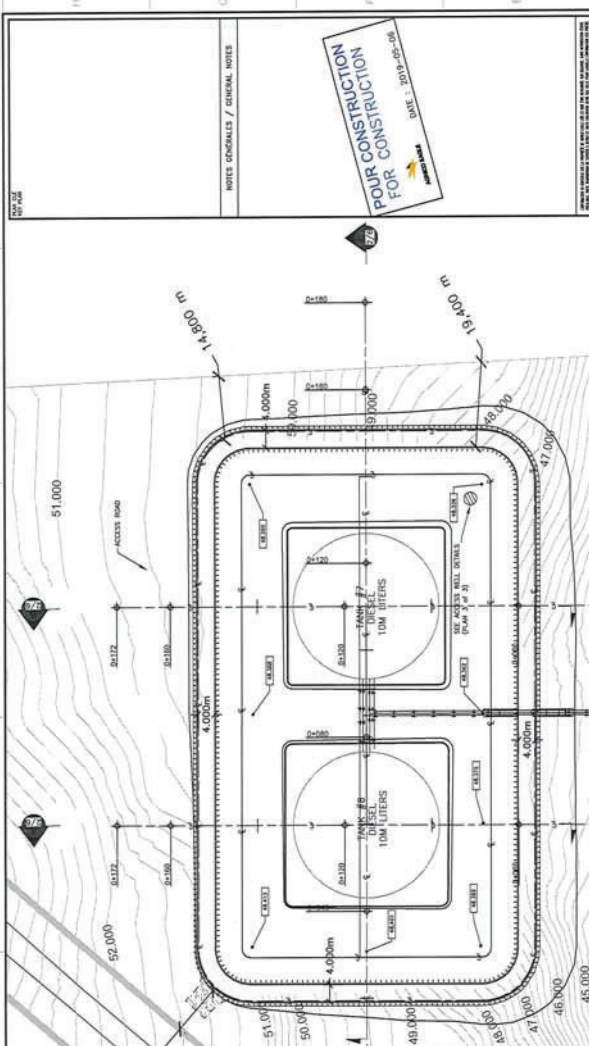
5.2 Tank weld

During the tank construction, a testing protocol was followed by the construction team. To meet API Standard 650, companies building tank are required to monitor their work through an inspection program. In this program, the contractor registers welder's qualifications, confirm construction material quality and outlines its testing protocol. The results from weld tests are also registered there. All that information is required by API 650 standard. Testing on welds took place during the whole construction process. To attest welds quality, inspector relied on visual inspection, magnetic particulate tests and high penetration oil tests. To review those tests results, the materials quality and weld inspection results can be consulted in Appendix D.

Appendix A

Final construction drawing



[illegible]

ESTIMATED VOLUMES	
FOR SECONDARY CONTAINMENT BASIN :	
- COAGULANT STOCK 45-70 ppm	= 771.4 m ³
- BACKFILL MATERIAL, 0-150mm	= 4494.38 m ³
- BACKFILL MATERIAL, 0-100mm	= 9324.12 m ³
EXCAVATION INFORMATION :	
- ESTIMATED OF NATURAL SOIL TO REMOVE	= 15192 m ³
- ESTIMATED OF C TO REMOVE WITH OLD SURVEY	= 1153.00 m ³

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AGNICO EAGLE

**POUR CONSTRUCTION
FOR CONSTRUCTION**

DATE : 2019-05-06

 **MINISTRY OF HOUSING AND URBAN AFFAIRS**

NOTES GÉNÉRALES / GENERAL NOTES

DESSIN EN RÉFÉRENCE / REFERENCE DRAWINGS

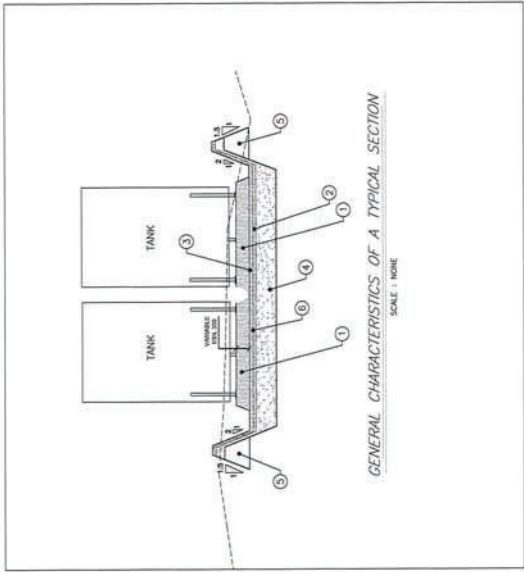
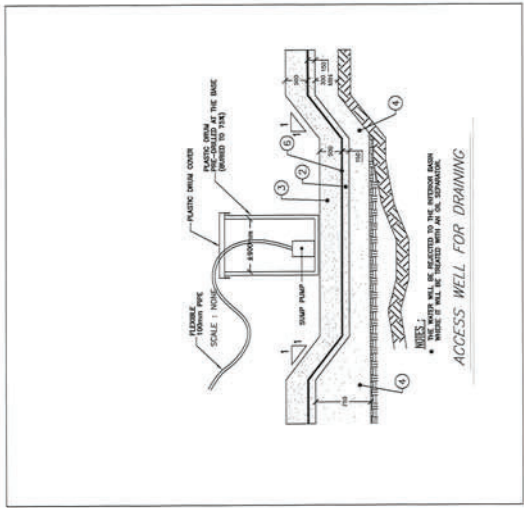
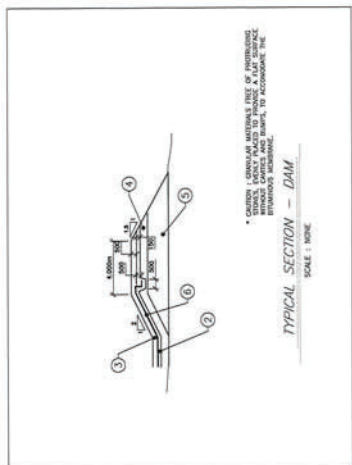
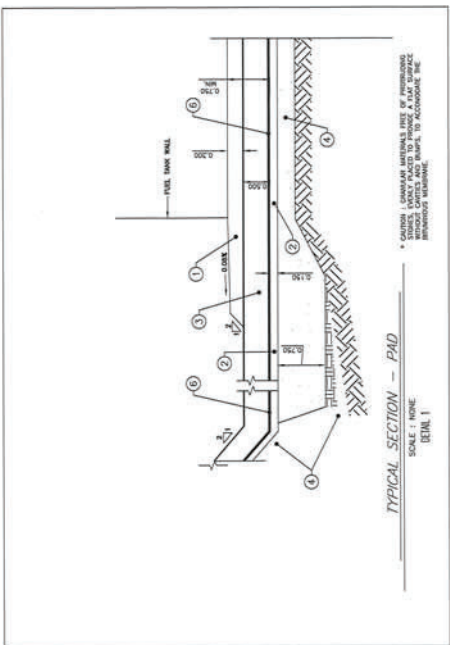
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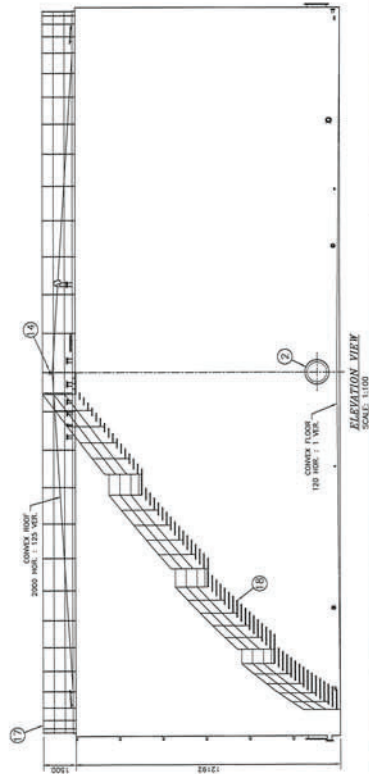
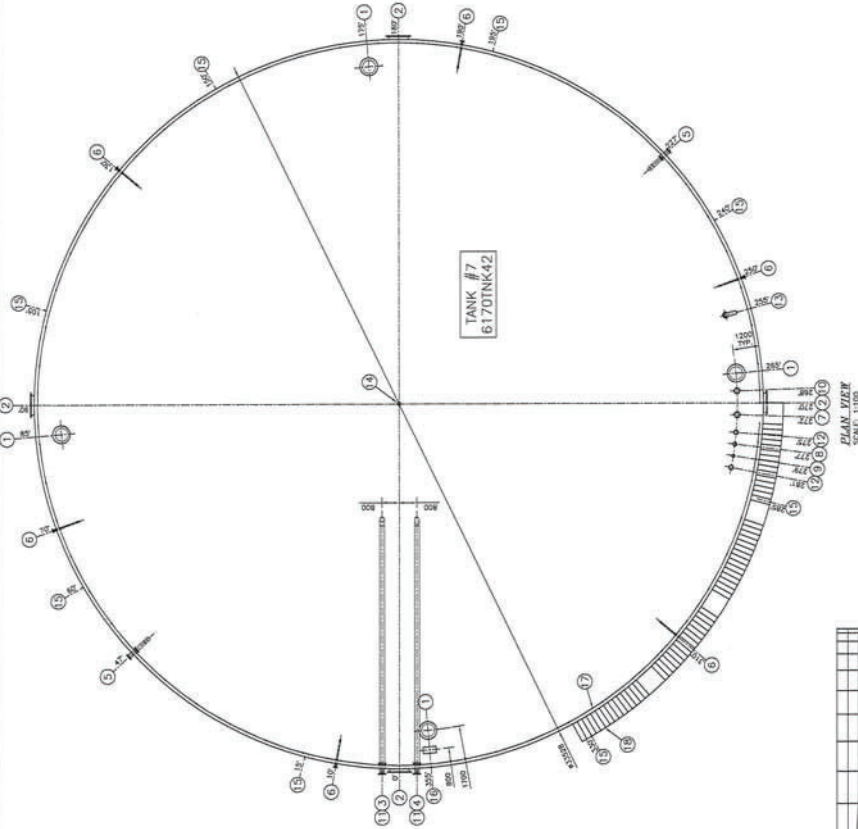
FILE # / DATE	PROJECT NAME	SUBJECT AND ADDRESS	DATE OF MEETING
2018-12-10	LAKESIDE EAGLE - MIDCROWBANK DIVISION 740 BAKER LAKE AREA GENERAL REARRANGEMENT PLAN VIEW AND PROFILE 10M LETTERS MARKS LOCATION	FANNING PERSONAL, TECH	2018-12-10
2018-12-10		ROMANOW HANCOCK, INC.	2018-12-10
2018-12-10		MARIC ROHMART, A. ENG.	2018-12-10
2018-12-18		1 : 500 SWR	2018-12-18

61-740-230-201

SECTION
SCALE: HOR: 1:500 VER: 1:100
B 7/6

SECTION A
SCALE: HOR: 1:500 VER: 1:100
2/6

[illegible][illegible]

[illegible]

NEPAS UTILISER
POUR CONSTRUCTION
NOT FOR CONSTRUCTION

DATE : 2019-03-12

POUR SOUMISSION
FOR TENDER

DATE : 2019-03-12


SNC-LAVALIN
 3600, Avenue de la Science
 Québec, Québec G1P 3V8
 Téléphone: (514) 399-3111
 Télécopieur: (514) 399-3112
 Fax: (514) 399-3113
 E-mail: info@snclavalin.com

Project # : 660534-0000
 Design in Reference / Référence Dessins :

TIME / TEMPS	DATE
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AGNICO EAGLE

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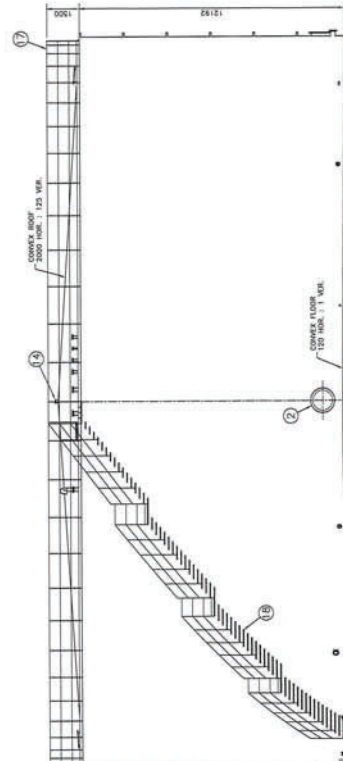
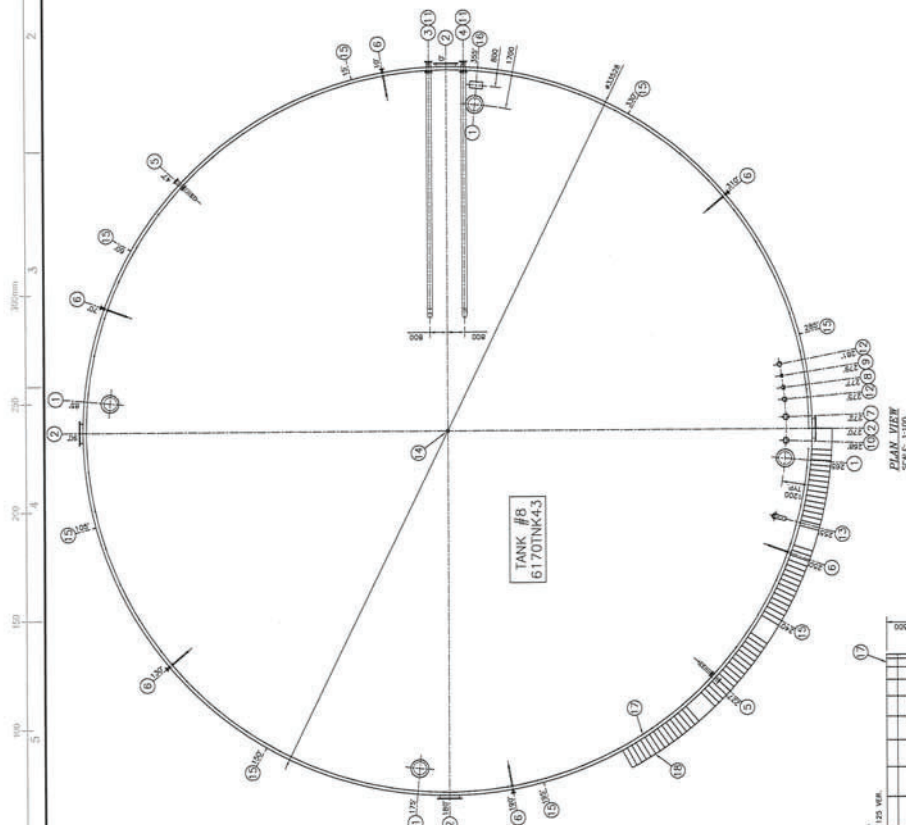
ERM / TITLE
 ACNICO EAGLE -- MEADOWBANK DIVISION
 740 BAKER LAKE AREA
 PLATEWORK
 PLAN & ELEVATION

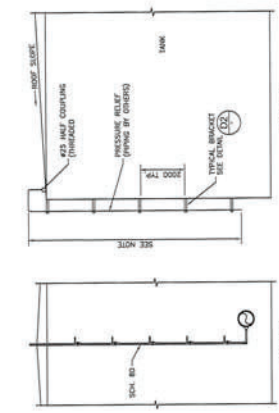
NAME AND ADDRESS OF THE PERSON TO WHOM THE NOTICE IS TO BE SENT	DATE
BLANKET, Tech.	2018/
R. LAURE, Dr. Eng.	2018/

APPROVED BY: M. SCHULTZ, P. Eng.	DATE: 2018/11/16
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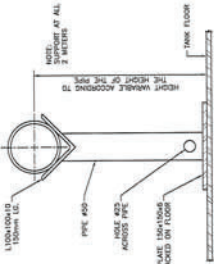
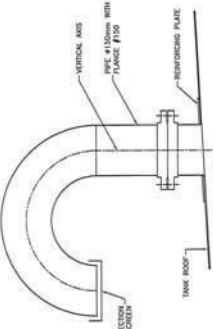
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TANK OR CONTAINER - DETAILS									
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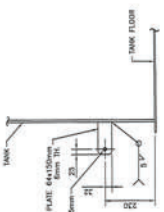
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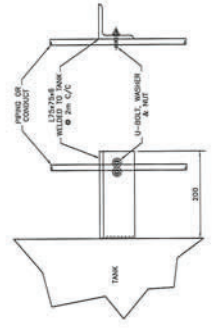
⑪ PRESSURE RELIEF LINE DETAIL

891012 NOZZLE DETAIL
SCALE 1:10

③ VENT DETAIL



GROUNDING LUGS DETAIL



FRONT VIEW

BACK VIEW

BRACKET FOR PIPING OR ELECTRICAL
CONDUCT TO THE SHELL TANK
SCALE: 1:5

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NE PAS UTILISER
POUR CONSTRUCTION
NOT FOR CONSTRUCTION
DATE : 2018-12-10
amc 1018 1018

POUR SOUMISSION
FOR TENDER
DATE : 2018-12-10
amc 1018 1018

 **SNC-LAVALIN**
 600 Gaulty Street Inc.
 1000 Lakeshore Drive
 Scarborough, Ontario M1S 3B7
 Tel. 416 494-1300 Fax 416 750-6158
www.snc-lavalin.com

Project #: 6620234-0000

[illegible]
AGNICO EAGLE

0	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	4
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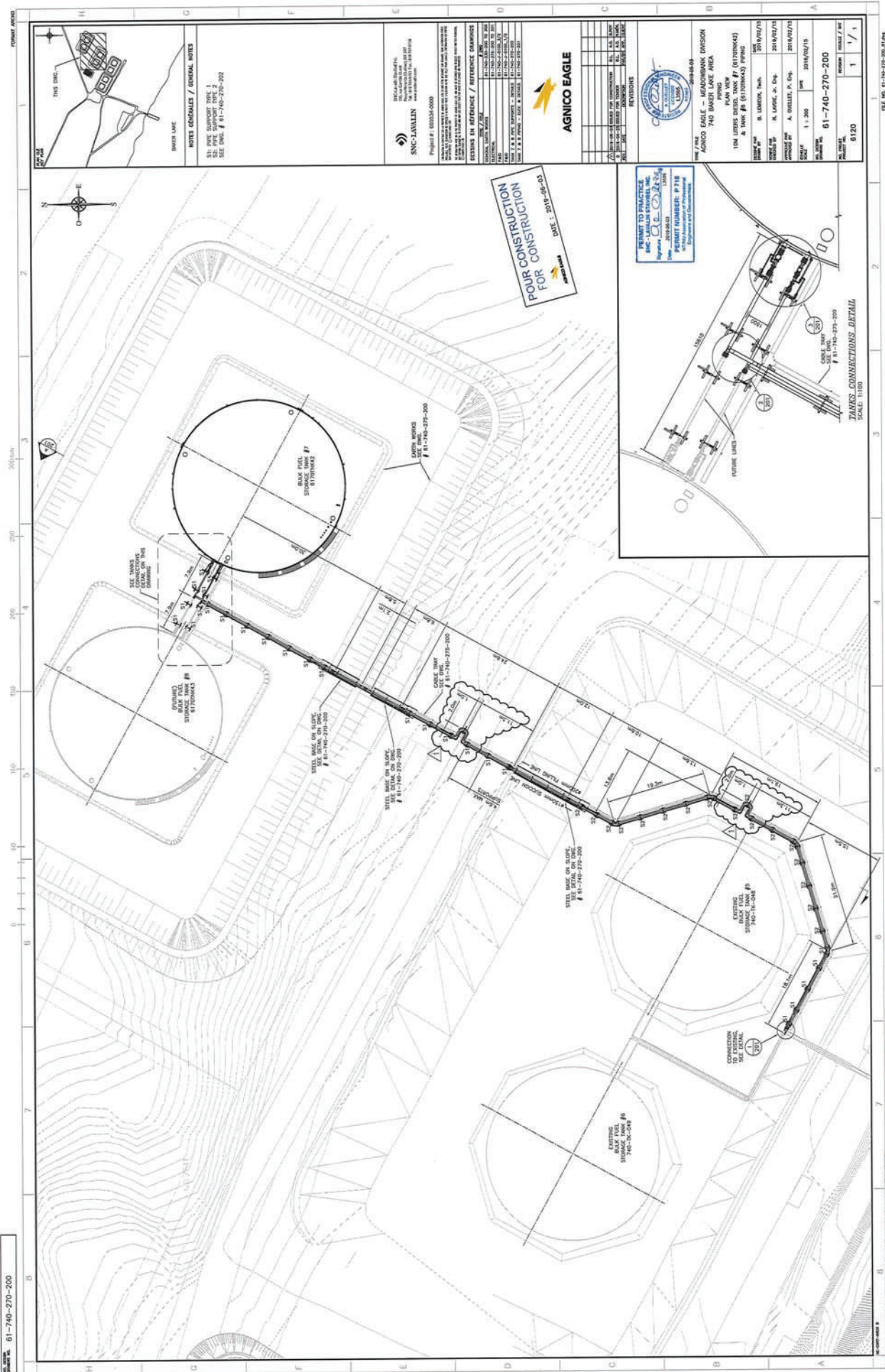
REVISIONS

TIME / WEEK
AGNICO
EAGLE - MEADOWBANK DIVISION
740 BAKER LAKE AREA
PLATEWORK
DETAILS
10M LITERS DIESEL TANK
TANK #7 & #8

BOARDING AND TRAVEL	2018/11/10
BOARDING AND TRAVEL	2018/11/10
BOARDING AND TRAVEL	2018/11/10
BOARDING AND TRAVEL	2018/11/10

DATE	INDICATED	2018/11/18
NO. DESIGN 61-740-260-202		
NO. DESIGN 61-740-260-202		
NO. DESIGN PROJECT NO.	DESIGN	REVISION / NO.
6120	A	1 / 1

61-740-270-200



THIS SHEET IS A PART OF THE PROJECT SHOWN ON THE ATTACHED MAP.

PROJECT: 61-740-270-200

DATE: 2018-09-03

NOTES / GENERAL NOTES

1. SEE SHEET 61-740-270-200 FOR GENERAL NOTES.

2. SEE SHEET 61-740-270-200 FOR GENERAL NOTES.

AGNICO EAGLE

AGNICO EAGLE - MEADOWBANK DIVISION
740 BAYVIEW AVENUE
SUITE 100
VANCOUVER, BC V6P 6E6
TEL: 604-276-2000
WWW.AGNICOEAGLE.COM

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	2018-09-03

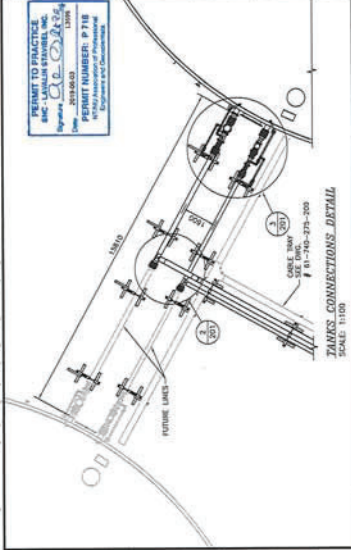
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3	61-740-270-200	2018-09-03
4	61-740-270-200	2018-09-03
5	61-740-270-200	2018-09-03
6	61-740-270-200	2018-09-03
7	61-740-270-200	2018-09-03
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9	61-740-270-200	2018-09-03
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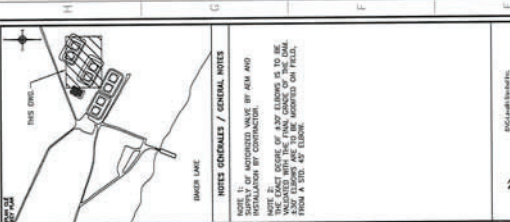
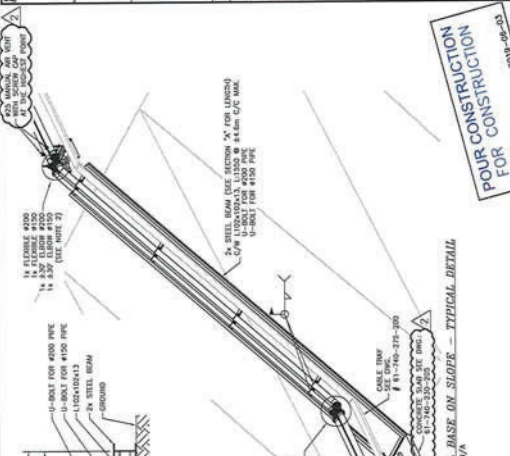
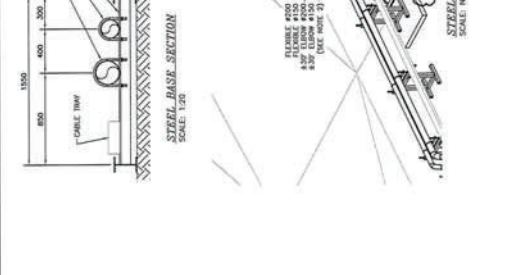
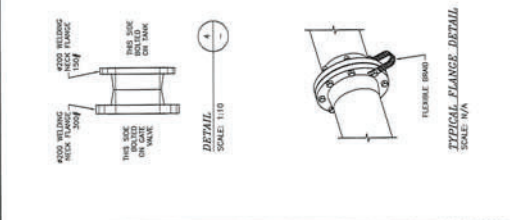
61-740-270-200

6120

1 / 1



ITEM	QUANTITY	DESCRIPTION	TYPE	CLASS / SCHEDULE	QTY	UNIT
1	200	PIPE	CARBON STEEL, ASTM A53 GR. B	SCH 40	160m	7m
2	200	PIPE	CARBON STEEL, ASTM A53 GR. B	SCH 40	6	-
3	200	PIPE	CARBON STEEL, ASTM A53 GR. B	SCH 40	6	-
4	200	TEE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
5	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
6	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
7	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
8	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
9	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
10	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
11	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
12	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
13	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
14	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
15	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
16	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
17	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
18	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
19	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
20	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
21	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
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23	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
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27	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
28	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
29	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
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34	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
35	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
36	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2
37	200	FLANGE	CARBON STEEL, ASTM A53 GR. B	SCH 40	17	2



AGNICO EAGLE

Project # 60552-0000

DATE: 2018-08-03

DESIGN IN REFERENCE / REFERENCE DRAWINGS

1. 61-740-270-201

2. 61-740-270-201

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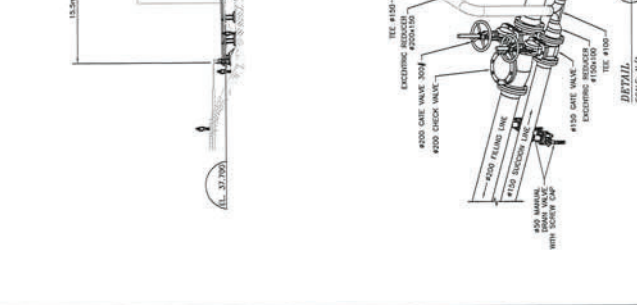
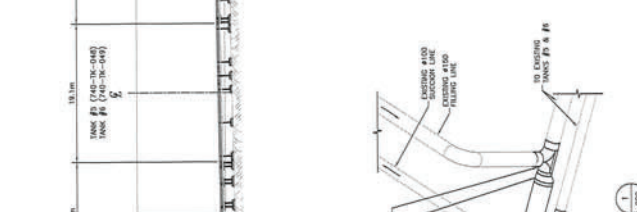
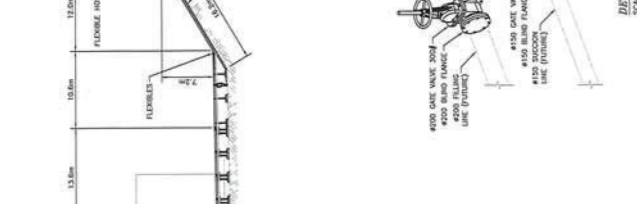
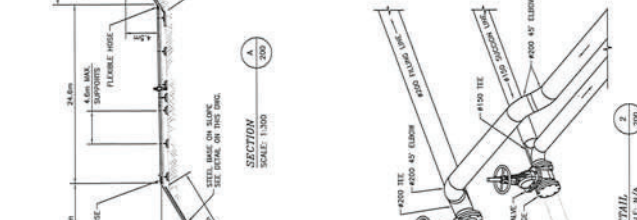
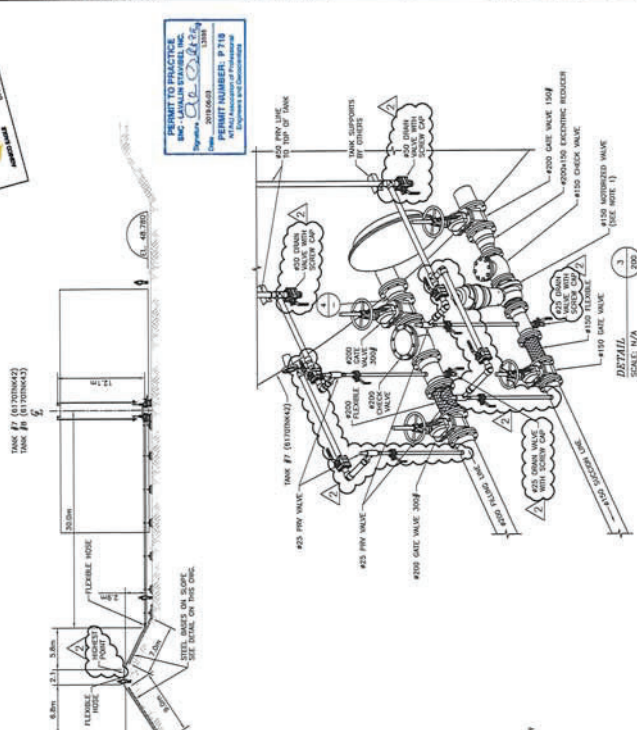
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97. 61-740-270-201

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99. 61-740-270-201

100. 61-740-270-201





NOTES GÉNÉRALES / GENERAL NOTES

POUR CONSTRUCTION
FOR CONSTRUCTION
DATE : 2019-06-03
JANCO BULK

 **SNC-LAVALIN**

SNC-Lavalin Limited Inc.
100, rue Laurier Ouest
Boulevard (Québec) J6L 2K7
Tél. : 418 234-1111 Fax : 418 797-0108
www.snc-lavalin.com

Product # : 665034-0000

DESIGNS IN REFERENCE / REFERENCE DRAWINGS

[illegible]

NO	DATE	DESCRIPTION	PAID	INT	DATE
1	2014-08-01	ISSUED FOR CONTRACTION			
2	2014-05-01	ISSUED FOR TONER			

	<p>  </p>
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TIME / MILE
AGNICO EAGLE - NEAJOOWBANK DIVISION
740 - BAKER LAKE AREA
POWER ELECTRICAL
SECTION & DETAILS
10M LITERS DIESEL TANK #7 (6170THK42)
& TANK #8 (6170THK43) CABLE TRAY

SECOND AND THIRD RT	DONALD FELLITH, Tech.	DATE 2018-04-24
SECOND AND THIRD RT	PHILIPPE LEMPE, P. Eng.	2018-04-20
SECOND AND THIRD RT	PHILIPPE LEMPE, P. Eng.	2018-05-03

EXPIRE DATE	ISSUED	DATE
		2018-04-24

61-740-275-200

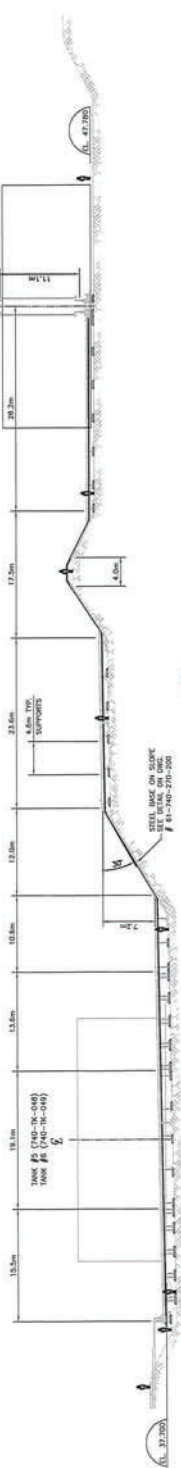
INC. PROJECT PROJECT NO.	REGION	PERIOD / DAY
6120	1	1 / 1

FILE NO. 88-740-275-200-87-284



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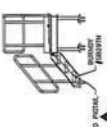


SECTION
SCALE: 1:200

POUR CONSTRUCTION FOR CONSTRUCTION
DATE: 2019-09-03



C-TRAYS
SCL: NTS
CONNECTION TO CONDUCTOR



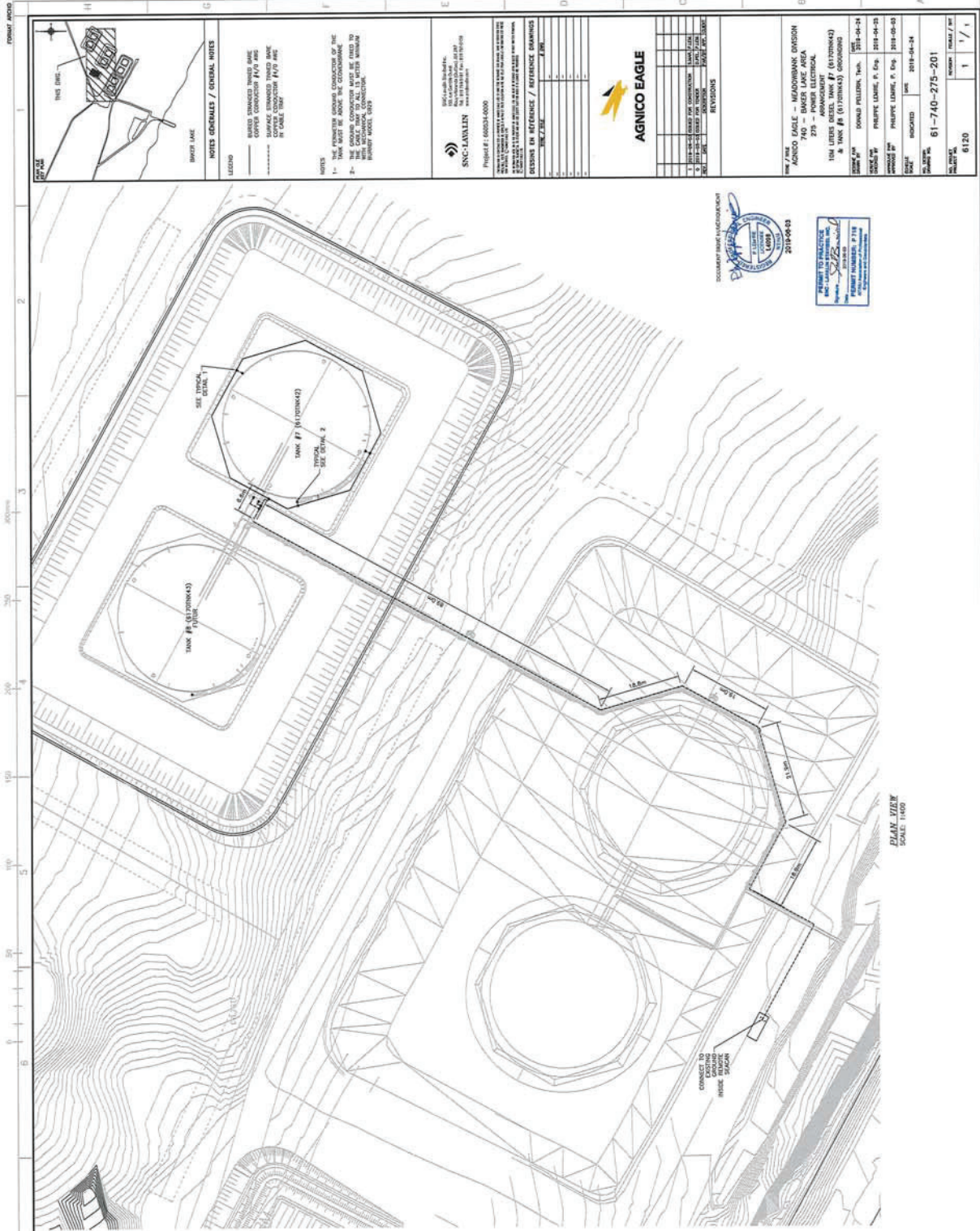
STAIRS
SCL: NTS
TO POWER



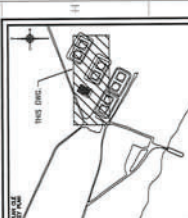
LUG YA-2B
SCL: NTS
CONNECTION TO CONDUCTOR, CONTAINER, GROUND BMT



CABLE TRAY
SCL: NTS



PLAN VIEW
SCALE: 1:400



NOTES GENERAL / GENERAL NOTES

LEGEND

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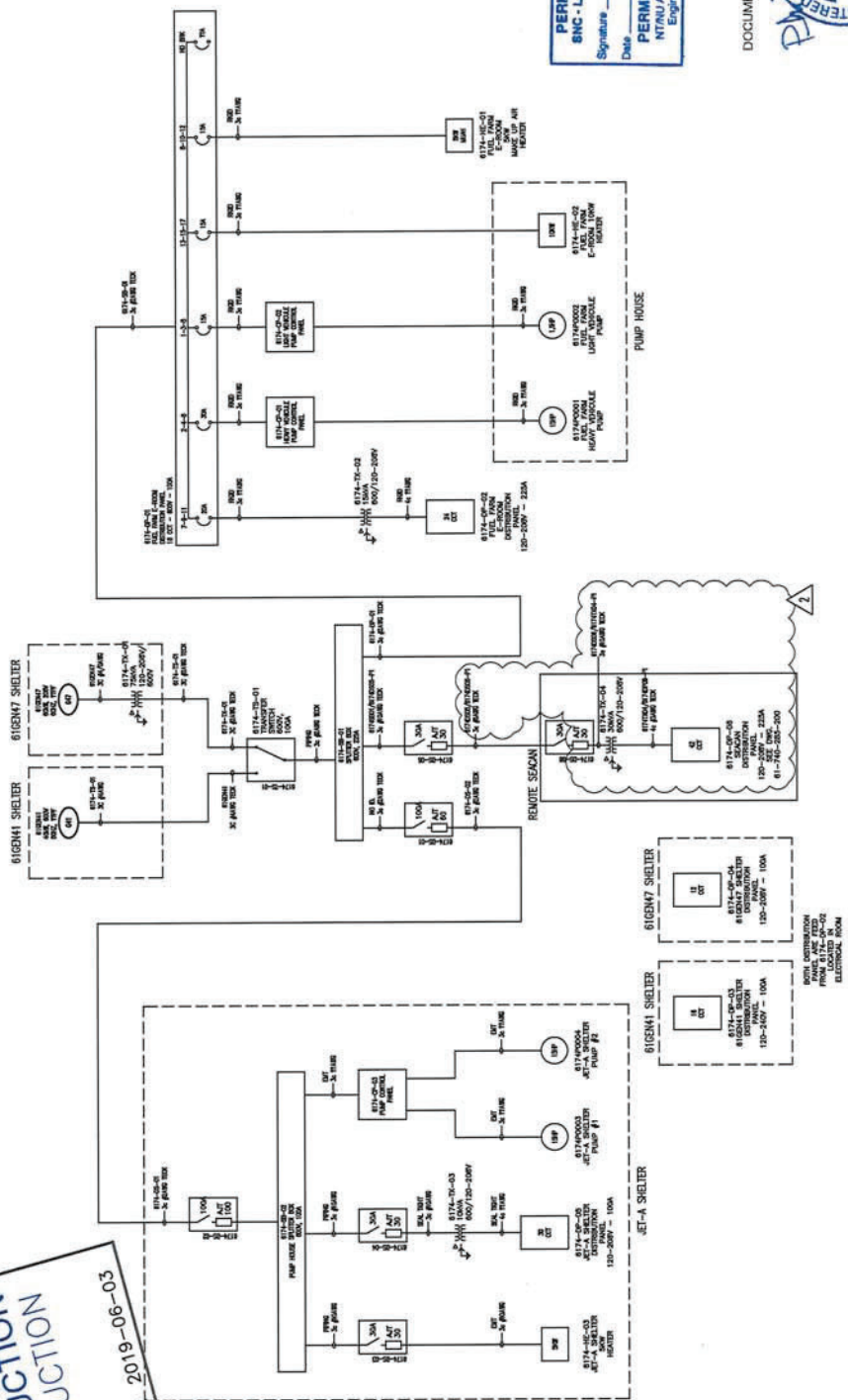
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POUR CONSTRUCTION

DATE 1-2-20

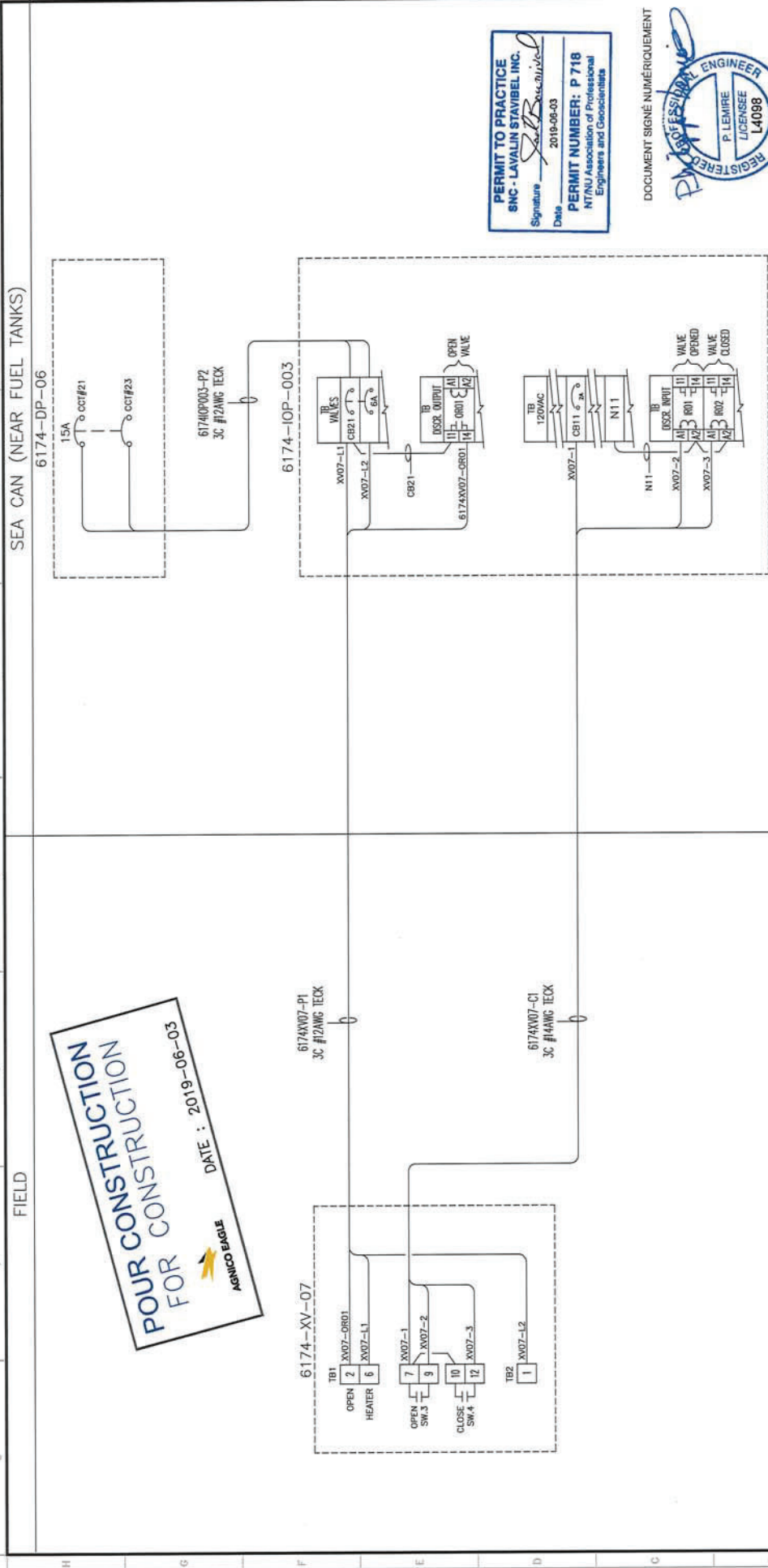
PERMIT TO PRACTICE
 SNC - LAVALIN STAVIBEL INC.
 Signature S. B. B. Date 2019-08-03
 PERMIT NUMBER: P 718
 NTNU Association of Professional
 Engineers and Geoscientists

DOCUMENT SIGNÉ NUMÉRIQUEMENT



2019-06-03

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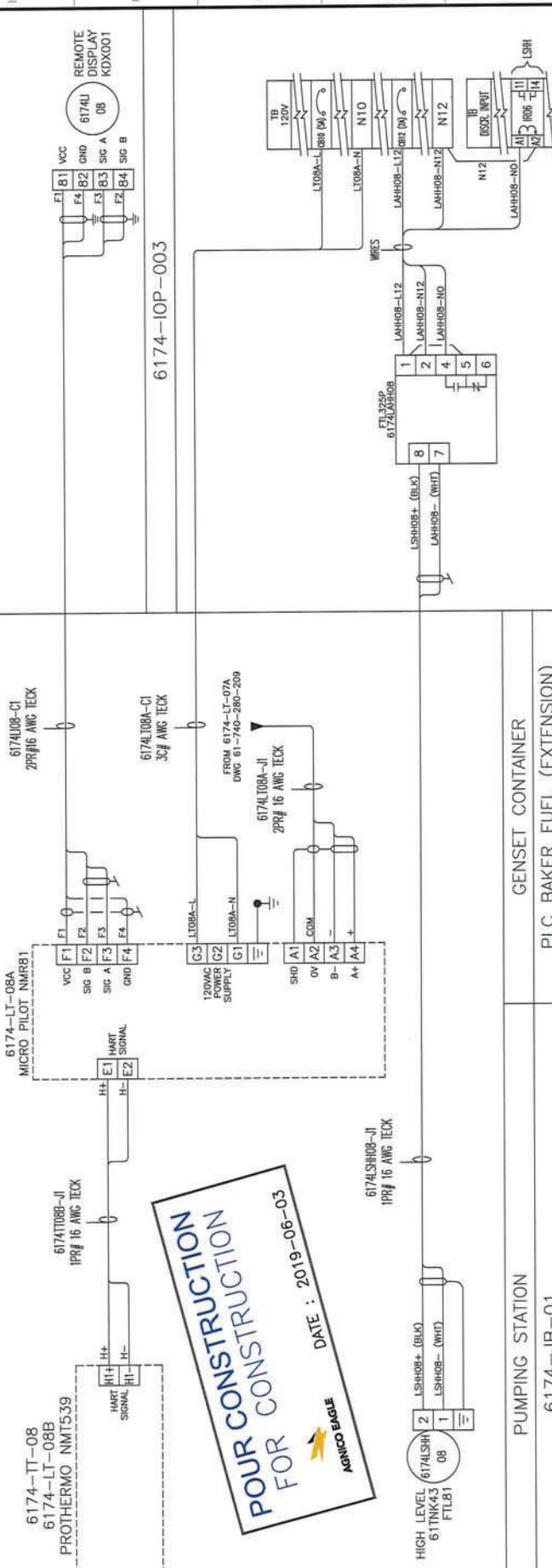


PERMIT TO PRACTICE
SNC - LAVALIN STAVIBEL INC.
Signature *Saint-Bernard* Date 2019-06-03
PERMIT NUMBER: P 718
NTNU Association of Professional
Engineers and Geoscientists

DOCUMENT SIGNÉ NUMÉRIQUEMENT

[illegible]

FIELD



PERMIT TO PRACTICE
SNC - Lavalin STAVIBEL INC.
Signature *John B. Bunnell*
Date 2019-06-03
PERMIT NUMBER: P 718
NTNU Association of Professional
Engineers and Geoscientists

EAGLE — MEADOWBANK DIVISION
BAKER LAKE AREA 740
RD — INSTRUMENTATION & CONTROL
WIRING DIAGRAM
61TNK43 — LEVEL MONITORING

NAME	DATE
S. MARCOTTE, TECH.	2019-04-29
PHILIPPE LEMIRE, P. ENG.	2019-04-29
PHILIPPE LEMIRE, P. ENG.	2019-05-03
6120	

Project # :
660534-0000

 **SNC • LAVALIN**

6174JBC01 – ARRANGEMENT / WIRING					
61-740-280-214					
PLC BAKER FUEL (EXT) – WIRING DIAGRAM					
61-740-280-213					
6174JBC03 – ARRANGEMENT / WIRING					
61-740-280-207					
PLC BAKER FUEL (EXT) – WIRING DIAGRAM					
61-740-280-207					
ISSUED FOR CONSTRUCTION	1				2019-06-03 PLEM

DESSINS EN REFERENCE / REFERENCE DRAWINGS		REVISIONS		
THIR / TITLE	#	REV	DESCRIPTION	DATE
61TNK42 - LEVEL MONITORING	61-740-280-209	0	ISSUED FOR TENDER	2019-05-03

61-740-280-212

FIELD

SEA CAN (NEAR FUEL TANKS)

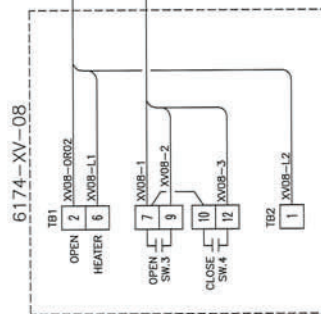
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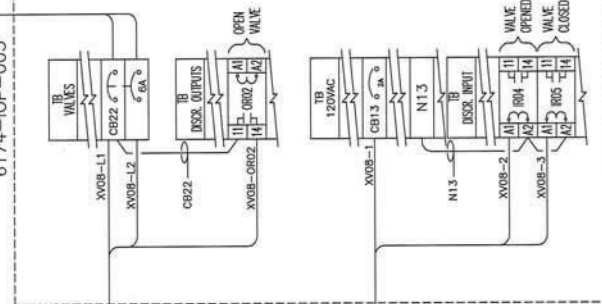
POUR CONSTRUCTION
FOR CONSTRUCTION


AGNICO EAGLE

DATE : 2017-07-07



6174-XV-08

6174XV08-P1
3C #12AWG TECK

6174-IOP-003

**PERMIT TO PRACTICE
SNC - LAVALIN STAVIBEL INC.**

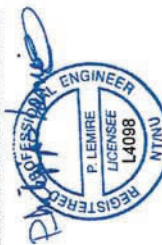
Signature: Zachary

2019-06-03

PERMIT NUMBER: P 718

NT/NU Association of Professional

DOCUMENT SIGNÉ NUMÉRIQUEMENT



2019-06-03

PAGE MEADOWBANK DIVISION

EAGLE - MEADOWBANK DIVISION
BAKER LAKE AREA 740

10 - INSTRUMENTATION & CONTROL

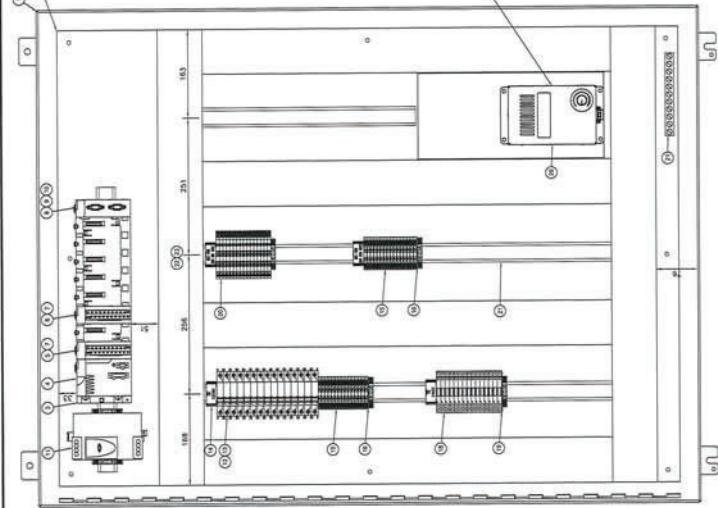
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WIRING DIAGRAM

61-740-280-212_R1.dwg

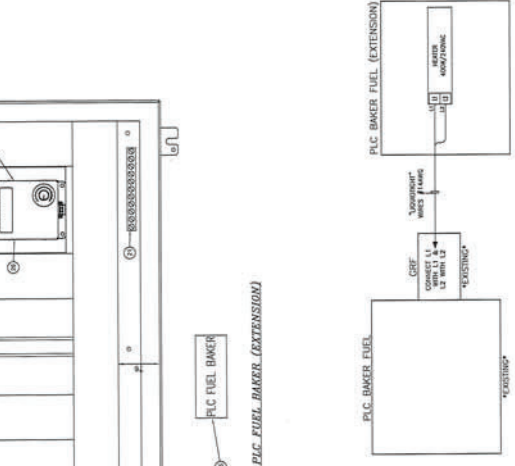
REVISION	REVISION DATE
1	10/10/2000

0-280-212	1	1
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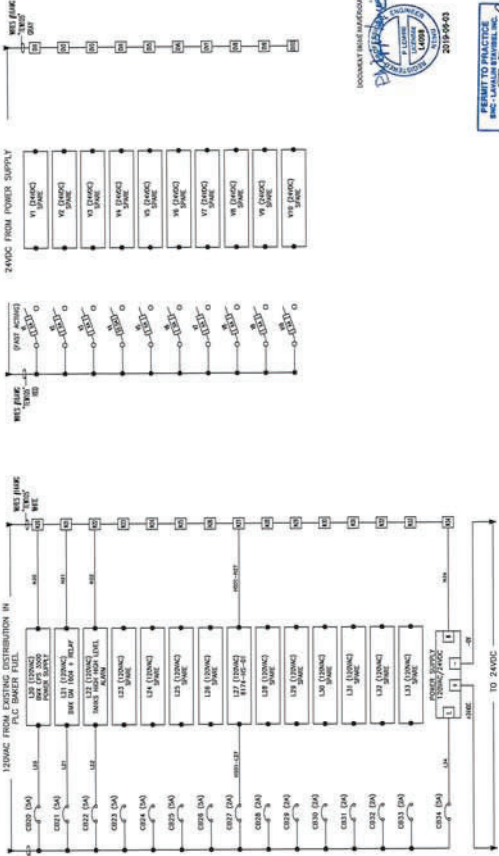
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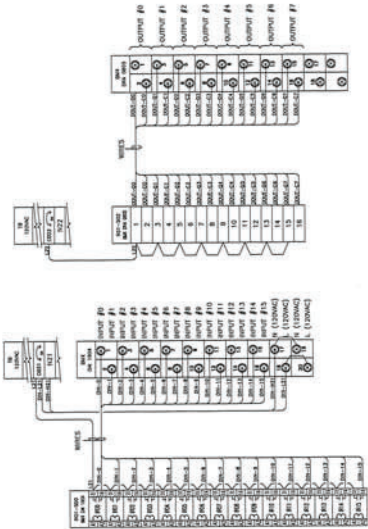
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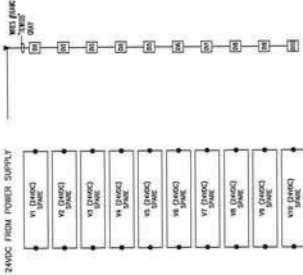
HEATER WIRING



120VAC & 24VDC DISTRIBUTION

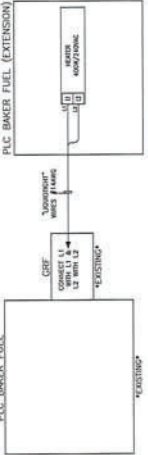


EMX DRA 0805 SLOT 0



AGNICO EAGLE

REV	DATE	DESCRIPTION	BY	CHKD	DATE	BY	CHKD
1	2018-08-03	ISSUED FOR CONSTRUCTION					
2	2018-08-03	ISSUED FOR TENDER					



HEATER WIRING

**POUR CONSTRUCTION
FOR CONSTRUCTION**

 **ARMED REBAR**

DATE : 2019-06-03

NOTES:

- THE PLC CABINET SHALL BE PROPERLY
INSULATED FOR INSTALLATION IN AN UNHEATED
AREA.

www.elsevier.com/locate/jcolcol

BLACK : HOT 120VAC (14 ARG)
WHITE : NEUTRAL 120VAC (14 ARG)
RED : POSITIVE 24VDC (16 ARG)
GRAY : NEGATIVE 0VDC (16 ARG)
YELLOW : DIGITAL OUTPUT (16 ARG)
BLUE : DIGITAL INPUT (16 ARG)

Project # : 660034-0000

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AGNICO EAGLE

[illegible][illegible]

AGNICO EAGLE - MEADOWBLANK DIVISION
740 - BAKER LAKE AREA

280 - INSTRUMENTATION & CONTROL
ARRANGEMENT
PLC FUEL BAKER

EXTENSION PANEL	DATE 2019-04-
INSTALLED FOR SUNSHINE BY	DONALD MILLER, TECH.

WARD FOR COUNCIL BY	PHILIPPE LEDEE, P.M.D.	2018-04-
------------------------	------------------------	----------

APPROVAL FOR ISSUANCE BY	PHILIPPE LEBLANC, P.Eng.	2018-03-
CHIEF SCALE	DATE	2018-04-23

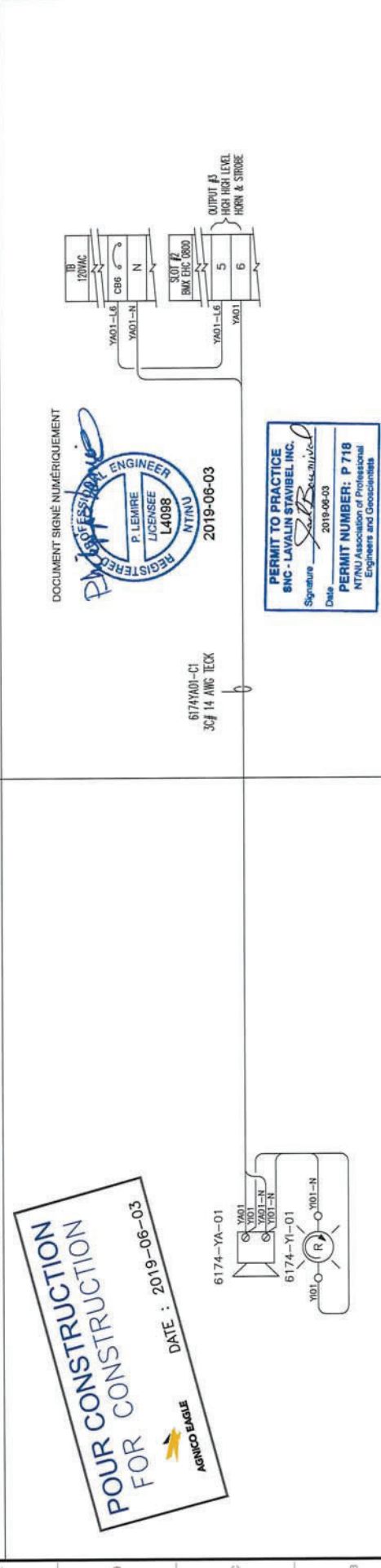
61-750-280-213

NO. PROJETS PROJETOS NOS.	REVENUE	PERCENTAGE / %
6120	1	1 / 1

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FILE NO: 61-740-150-213_01.docg

FILE NO. 61-143-(20)-214-311-278



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Panel Ident.: 6174-DP-06

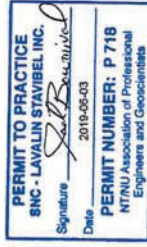
Power source:	120/208 Volts
Feeder :	6174-TX-04
Mount:	Surface
Localisation:	BAKER LAKE SEA CAN
Type:	Schneider QO Series

Encl. Type :	NEMA 1
Main breaker:	N/A
Nb. of circuit:	42
Bars (Amps):	225A
Cap. rupt. (kA):	10

Local and description	TYPE	QTY	WATTS	DISJ. TYPE	C	T	#	CT	#	DISJ. AMP	TYPE	WATTS	Local and description
6174-PLC-02 Power	D	15	1	A	2	15							Sea Can Lighting
6174-XV-01 - Elect. Actuator valve	M	15	3	B	4	15							Sea Can Receptacle
6174-XV-02 - Elect. actuator valve	M	15	5	C	6	15							Spare breaker
6174-XV-03 - Elect. actuator valve	M	15	7	A	8	15							Spare breaker
6174-XV-04 - Elect. actuator valve	M	15	9	B	10	15							Spare breaker
6174-XV-05 - Elect. actuator valve	M	15	11	C	12	15							Spare breaker
6174-XV-06 - Elect. actuator valve	M	15	13	A	14	15							Spare breaker
6174-IOP-003 power	D	15	15	B	16	15							Spare breaker
Spare breaker		15	17	C	18	30							Spare breaker
6174-XV-07	M	15	19	A	20								6174-HEA-07
Res. #7 Valve Actuator	M	15	21	B	22	15	GFI						Res. #7 Valve Heating
6174-XV-08	M	15	23	C	24								6174-HEA-08
Res. #7 Valve Actuator	M	15	25	A	26	15	GFI						Res. #7 Valve Heating
Space		27	B	28									Space
Space		29	C	30									Space
Space		31	A	32									Space
Space		33	B	34									Space
Space		35	C	36									Space
Space		37	A	38									Space
Space		39	B	40									Space
Space		41	C	42									Space

TYPE (REF)	(W) total	Qty
(E) Lighting	0	0
(P) Parking plug	0	0
(C) Heating	0	0
(M) Motor	0	0
(W) Water heater	0	0
(D) Other	0	0

Watts	Amp
Phase A	0.00
Phase B	0.00
Phase C	0.00
Total R	0.00

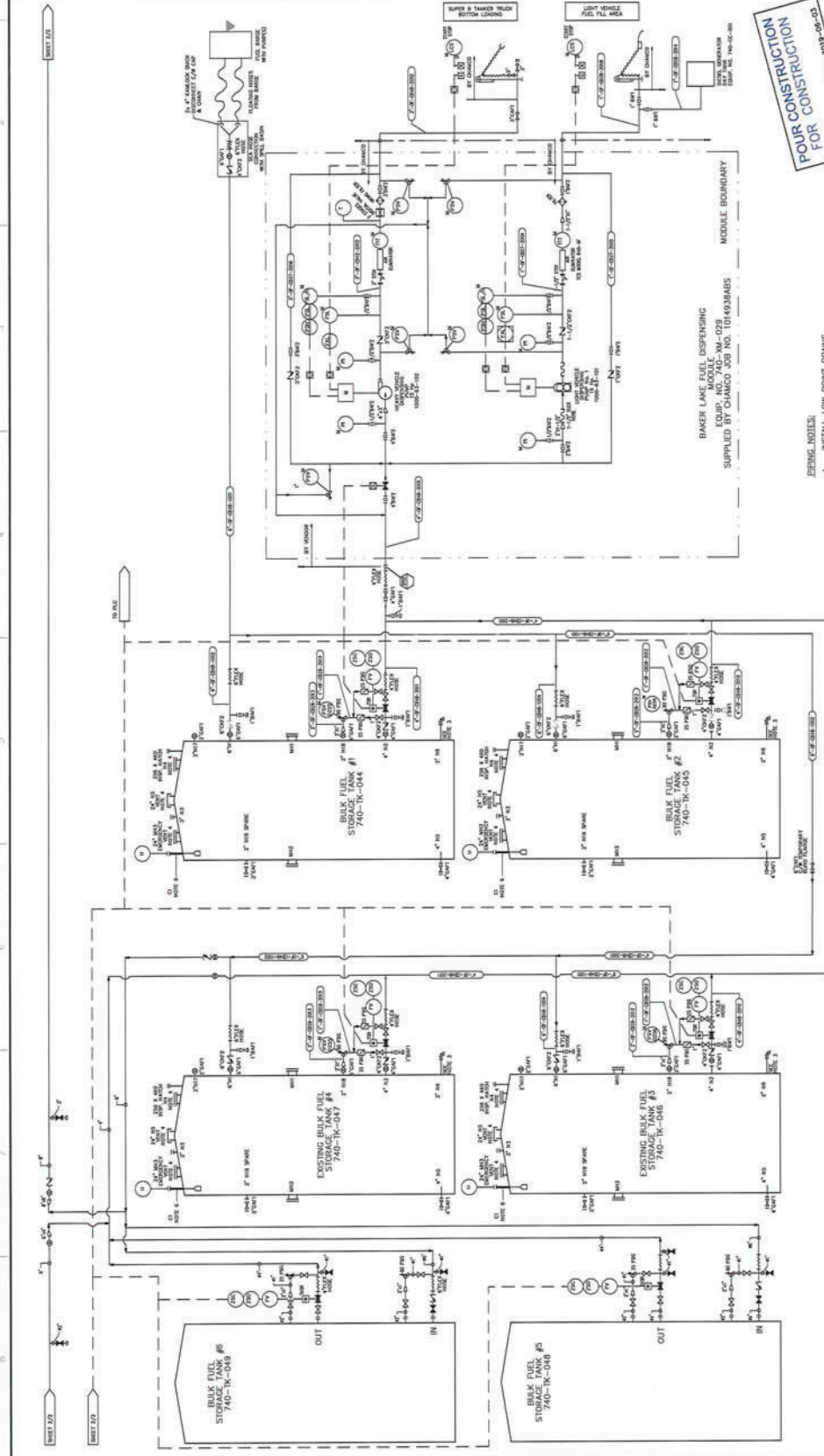


DOCUMENT SIGNÉ NUMÉRIQUEMENT



2019-06-03

Project # : 660534-0000		DATE MAY/16	REV.1	DATE JUNE/16	DATE JUNE/16
SNC-LAVALIN		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
150, rue Gamble Ouest		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
Rouyn-Noranda (Québec) J9X 2S7		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
Tel. : 819 764-5881 Fax : 819 797-0158		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
www.snc-lavalin.com		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
AGNICO EAGLE		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
AGNICO EAGLE - MEADOWBANK DIVISION		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
BAKER LAKE AREA 740		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
285 - SERVICE ELECTRICAL - LIGHT AND DISTRIBUTION		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
6174-DP-06 PANEL SCHEDULE		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
BAKER LAKE SEA CAN - DISTRIBUTION PANEL 120/208VAC		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
N/A		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
61-740-285-200_R2.dwg		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
61-740-285-200		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
2		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16
1		DATE JUNE/16	DATE JUNE/16	DATE JUNE/16	DATE JUNE/16



- PERMITS NOTES:**
1. INSTALL LOW POINT DRAINS
 2. PSV SHALL BE SUITABLE FOR FLUID AT -54 °C.
 3. 3" OCED V-144 WATER DRAWOFF VALVE (3" ANS 150# FLG. AND INSULATED).
 4. DESIGN OF THESE TANKS TOP OPENINGS, BY TANK MANUFACTURER
 5. TANKS SHALL BE PROVIDED WITH 750mm LG. (FLEXIBLE) SNIOR OR LOCAL
 6. VAREC 2500 LEVEL INDICATOR BY TANK MANUFACTURER

*SEE PLAN 008 FOR SCHEDULE OF FITTINGS

NOTES / GENERAL NOTES

REV: 7

PROJECT: 61-740-J-0100-1-87

DESIGN: SNC-LINCOLN

DATE: 2018-08-03

AGNICO EAGLE

AGNICO-EAGLE - MIDCAMP DIVISION

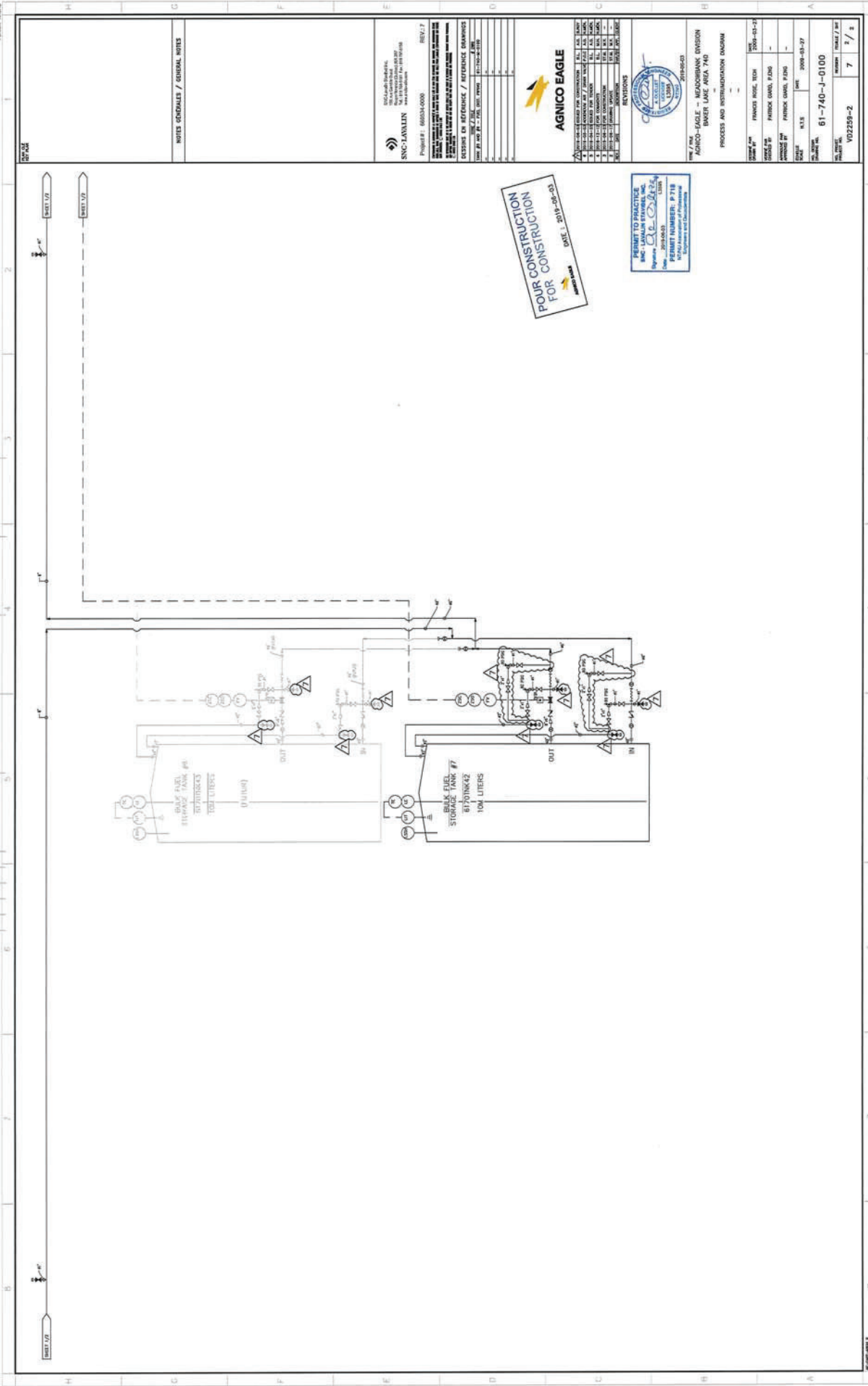
PROCESS AND INSTRUMENTATION DIAGRAM

DATE: 2018-08-03

PROJECT: 61-740-J-0100

WORK: 7

REVISION: 1



**POUR CONSTRUCTION
FOR CONSTRUCTION**
DATE: 2019-05-03

PERMIT TO PRACTICE
SNC-Lavalin Inc.
Signature: *[Signature]*
Date: 2019-05-03
PERMIT NUMBER: P 718

SNC-LAVALLIN

Project # : 60531-0000

REV: 7

ISSUES EN RÉFÉRENCE / REFERENCE DRAWINGS

DATE DE RÉV. 7 : 2019-05-03

AGNICO EAGLE

2019-05-03

AGNICO-EAGLE - MEZOBANK DIVISION
BIKER LAKE AREA 740

PROCESS AND INSTRUMENTATION DIAGRAM

REV.	DATE	DESCRIPTION	BY	CHKD.
1	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
2	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
3	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
4	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
5	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
6	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG
7	2019-05-03	ISSUED FOR CONSTRUCTION	AG	AG

DATE: 2019-05-03

61-740-J-0100

VO2259-2

7 / 7

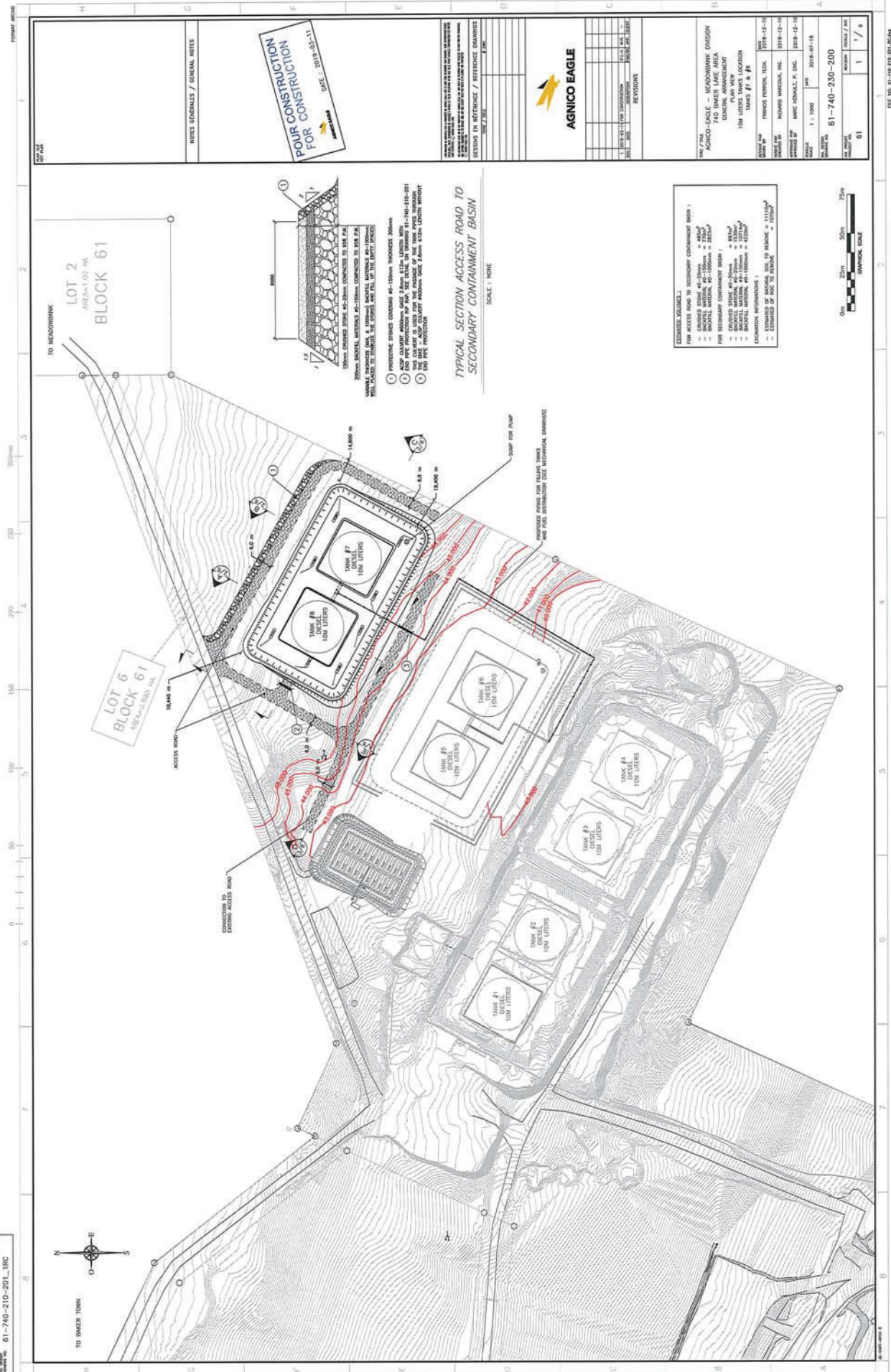
2019-05-03

AGNICO-EAGLE - MEZOBANK DIVISION
BIKER LAKE AREA 740

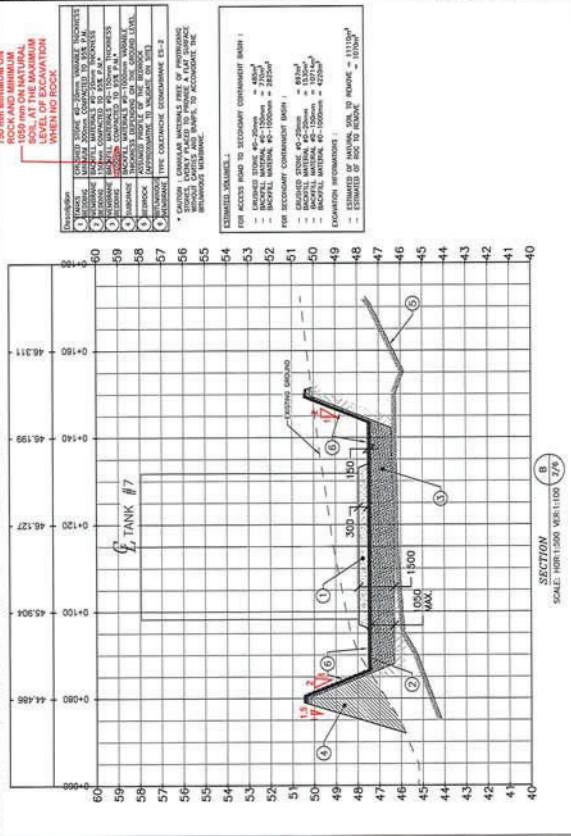
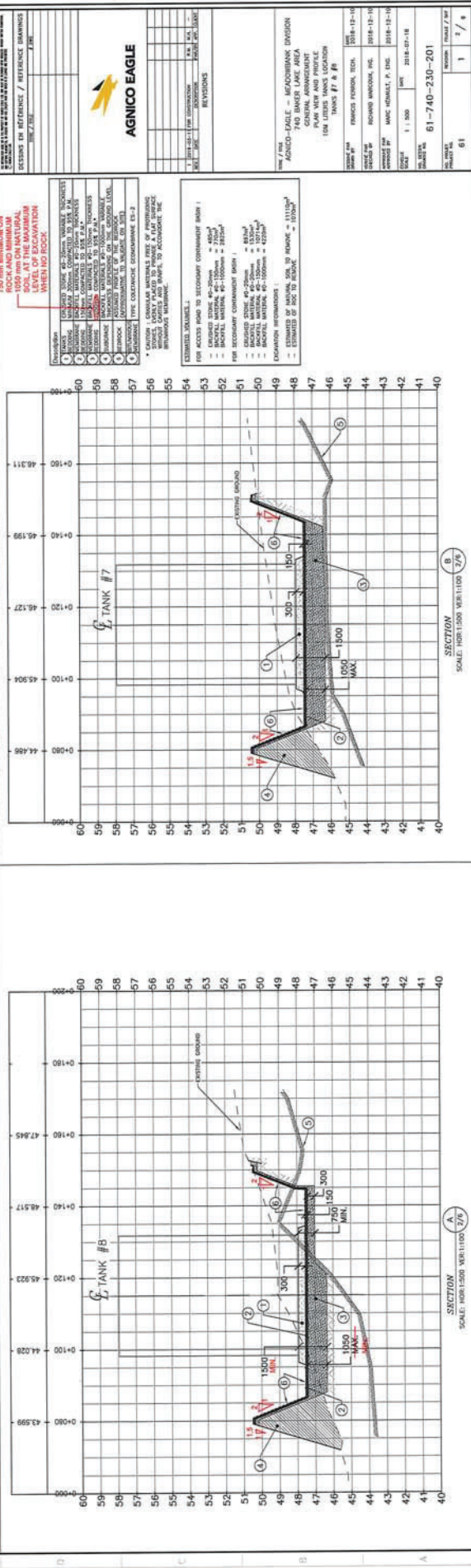
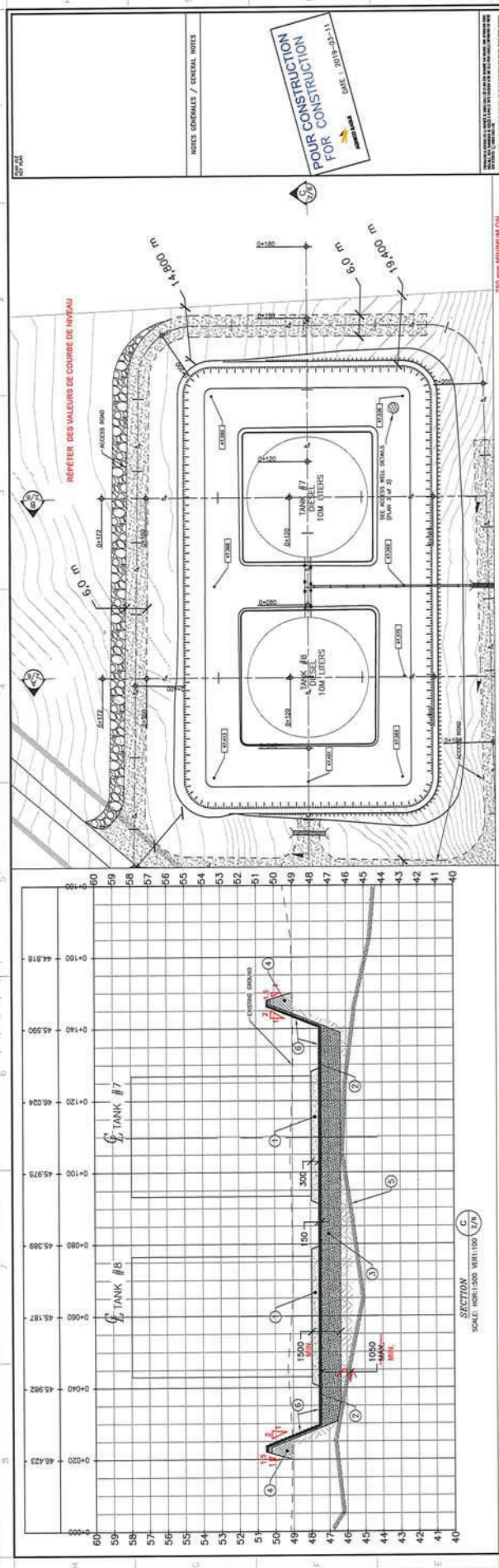
PROCESS AND INSTRUMENTATION DIAGRAM

Appendix B

As built drawing



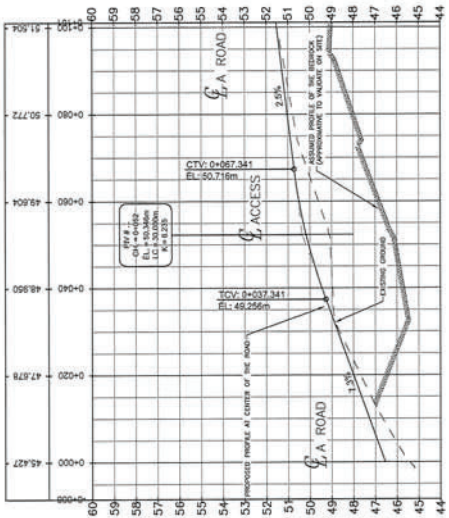
NOTES GENERAL / GENERAL NOTES	
FOR CONSTRUCTION	
DATE: 2018-03-11	
AGNICO EAGLE	
AGNICO-EAGLE - MACDONALD DIVISION	
7000 MACDONALD AVENUE	
EDMONTON, ALBERTA T6C 2E1	
PLAN VIEW	
150' LINES SHOWN AT LOCATION	
TANK #1 & #2	
DATE: 2018-12-18	
PROJECT NO: 61-740-230-200	
DESIGNED BY: JAMES HENRIKSEN, P. ENG.	
CHECKED BY: JAMES HENRIKSEN, P. ENG.	
DATE: 2018-12-18	
SCALE: 1" = 100'	
SHEET NO: 61	
TOTAL SHEETS: 7	
SHEET 7 OF 7	



DESIGNS IN REFERENCE / REFERENCE DRAWINGS		DATE / DATE		PAGE	



--



FOR CONSTRUCTION
DATE: 2018-03-11

NOTES GÉNÉRALES / GENERAL NOTES

SECTION IN REFERENCE / REFERENCE DRAWING

REVISIONS

AGNICO EAGLE

61-740-210-201-IR

61-740-210-201-IR

61-740-210-201-IR

61-740-210-201-IR

61-740-210-201-IR

61-740-210-201-IR

61-740-210-201-IR

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61-740-210-201-IR

61-740-210-201-IR

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NOTES GENERAL / GENERAL NOTES

DATE: 2017-02-11

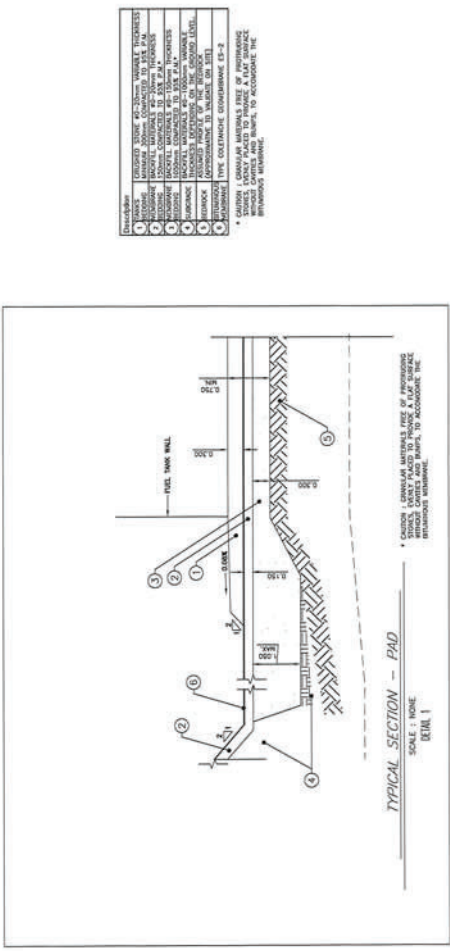
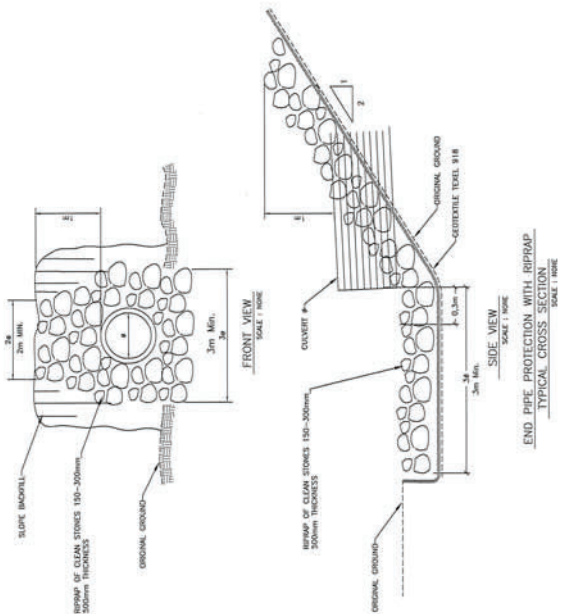
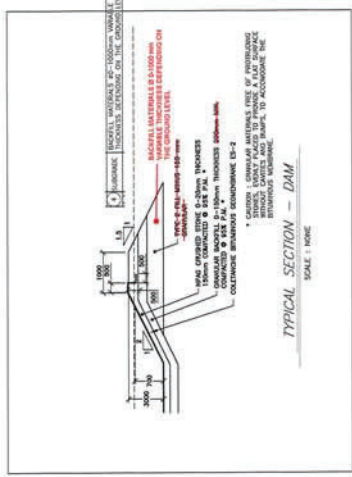
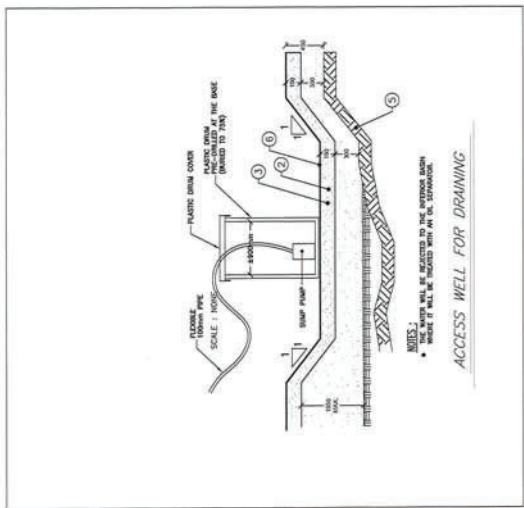
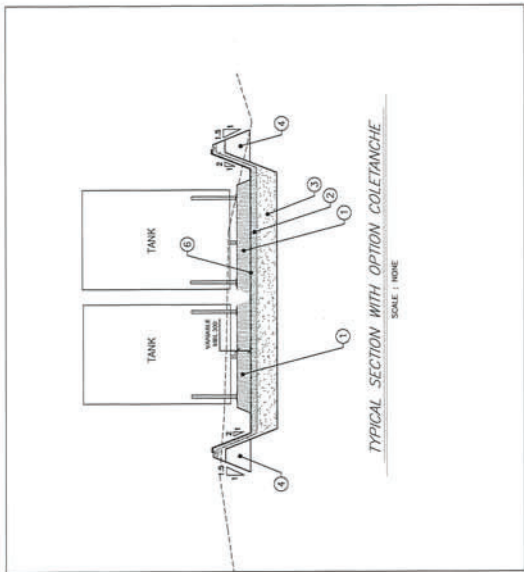
POUR CONSTRUCTION FOR CONSTRUCTION

AGNICO EAGLE

AGNICO EAGLE - MACDONALD DIVISION
740 BAKER LAKE AREA
GENERAL MANAGEMENT
100 LEBES TRAIL LOCATION
TANKS #1 & #2

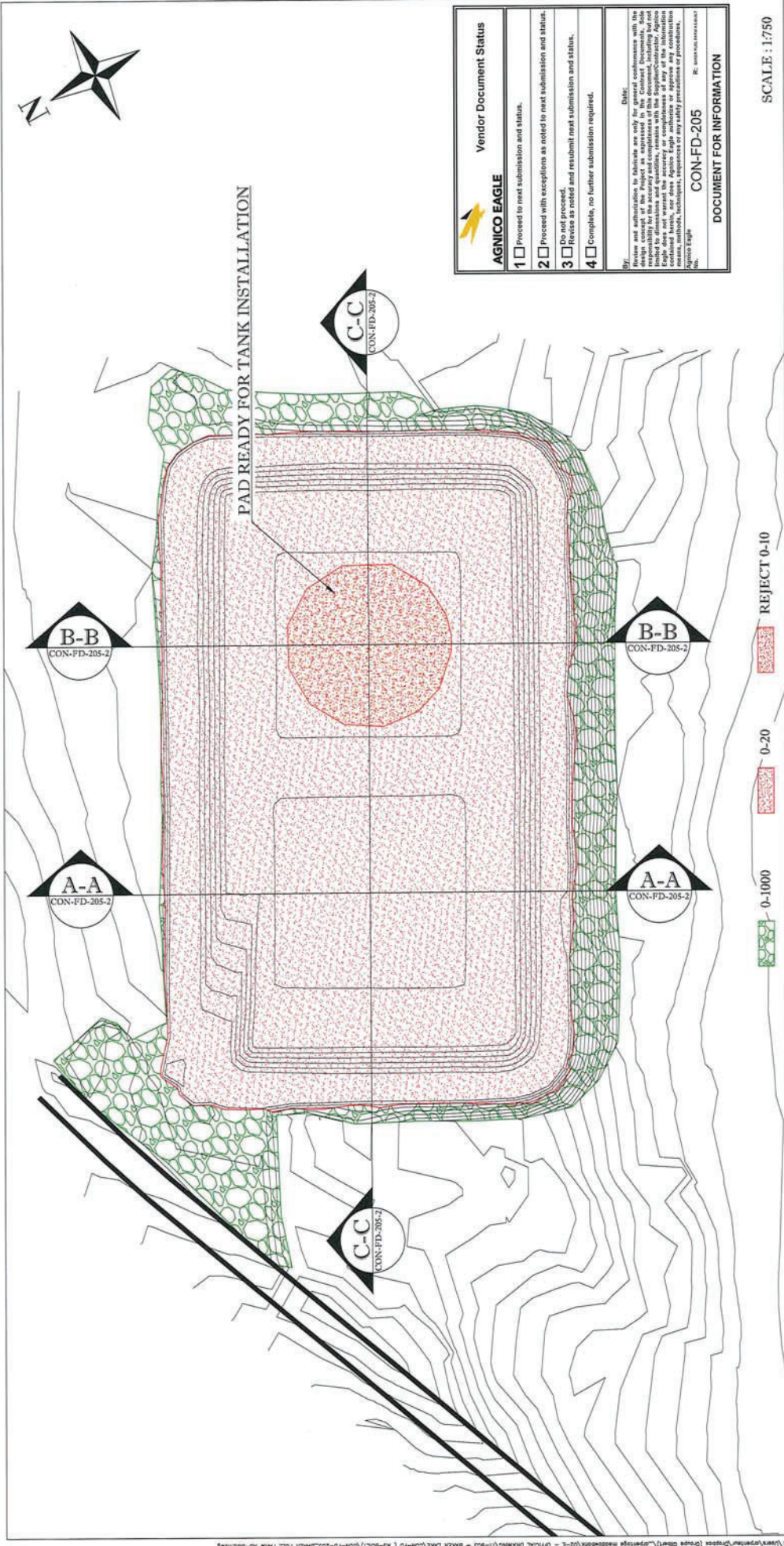
DESIGNED BY: FRANCIS PERSON, TECH.
CHECKED BY: ROBERT MACDONALD, ENR.
APPROVED BY: MARC DONALD, P. ENG.
DATE: 2018-12-10
SCALE: 1/8" = 1'-0"

PROJECT NO.: 61-740-230-204
SHEET NO.: 81
TOTAL SHEETS: 8



- DESCRIPTION
- 1. EXISTING GRADE
 - 2. 100mm SAND
 - 3. 100mm SAND
 - 4. 100mm SAND
 - 5. 100mm SAND
 - 6. 100mm SAND
 - 7. 100mm SAND
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AS-BUILT BAKER LAKE FUEL FARM CONSTRUCTION CONTRACT # 11-903



Vendor Document Status	
AGNICO EAGLE	
1 <input type="checkbox"/> Proceed with exceptions as noted to next submission and status.	
2 <input type="checkbox"/> Proceed with exceptions as noted to next submission and status.	
3 <input type="checkbox"/> Do not proceed	
4 <input type="checkbox"/> Revisions as noted and resubmit next submission and status.	
5 <input type="checkbox"/> Complete, no further submission required.	
<small>Review and submission to indicate are only for general reference with the design concept of the Project as expressed in the Contract Documents. Site conditions, materials, methods, techniques, sequences or any safety procedures or procedures, are subject to change without notice and approval of the Supplier/Contractor. Agnico Eagle reserves the right to reject any submission or approve any construction means, methods, techniques, sequences or any safety procedures or procedures.</small>	
<small>Contract Eagle</small> <small>Doc. No.</small> CON-FD-205 <small>Rev.</small> R1: 2019.09.16	<small>Date:</small> DOCUMENT FOR INFORMATION

SCALE : 1:750

PREPARED BY : MIKAËL LÉVESQUE
DATE : 10-07-2019
CON-FD-205-1

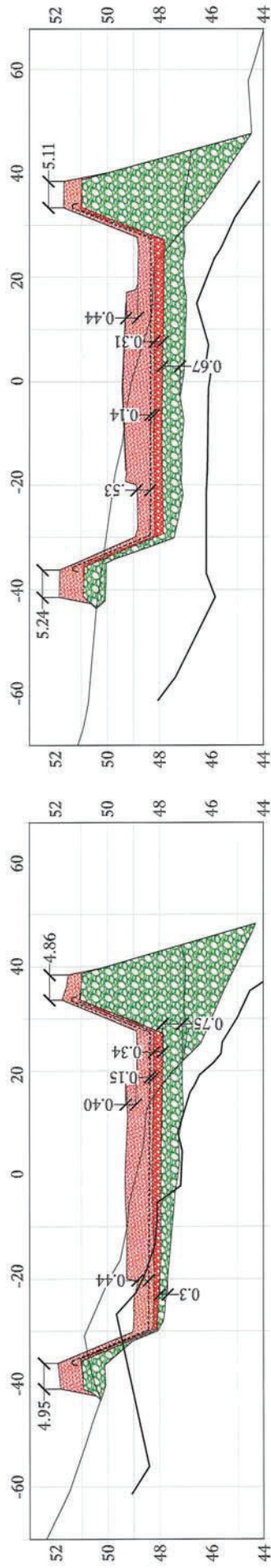


Digitally signed by Julie Belanger
DN: cn=Julie Belanger
Date: 2019.09.16 08:23:09 -05'00'

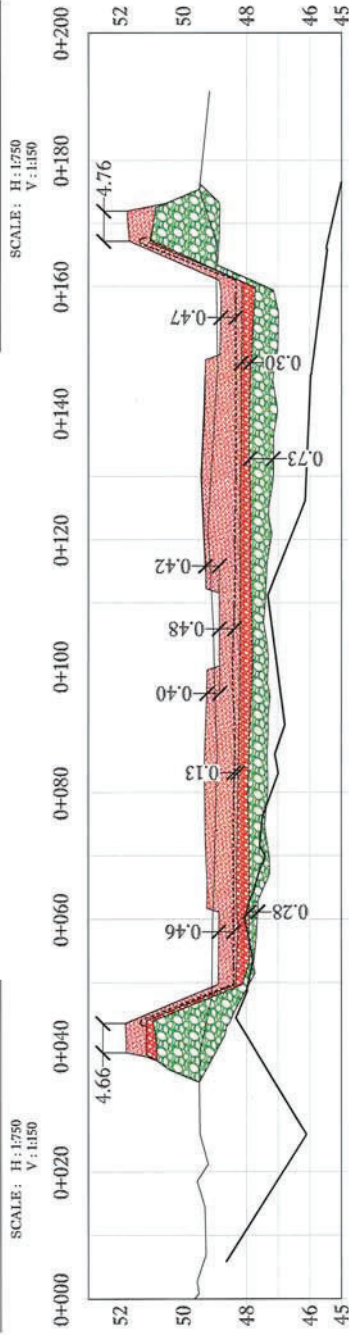
Julie Belanger

KIVALLIQ CONTRACTORS
GROUP LTD

AS-BUILT BAKER LAKE FUEL FARM CONSTRUCTION CONTRACT # 11-903



SECTION B-B - TRANSVERSAL SECTION



SECTION C-C - TRANSVERSAL SECTION

SCALE: H: 1:750
V: 1:150

SCALE: 1:750
VERTICAL EXAGGERATION: 5

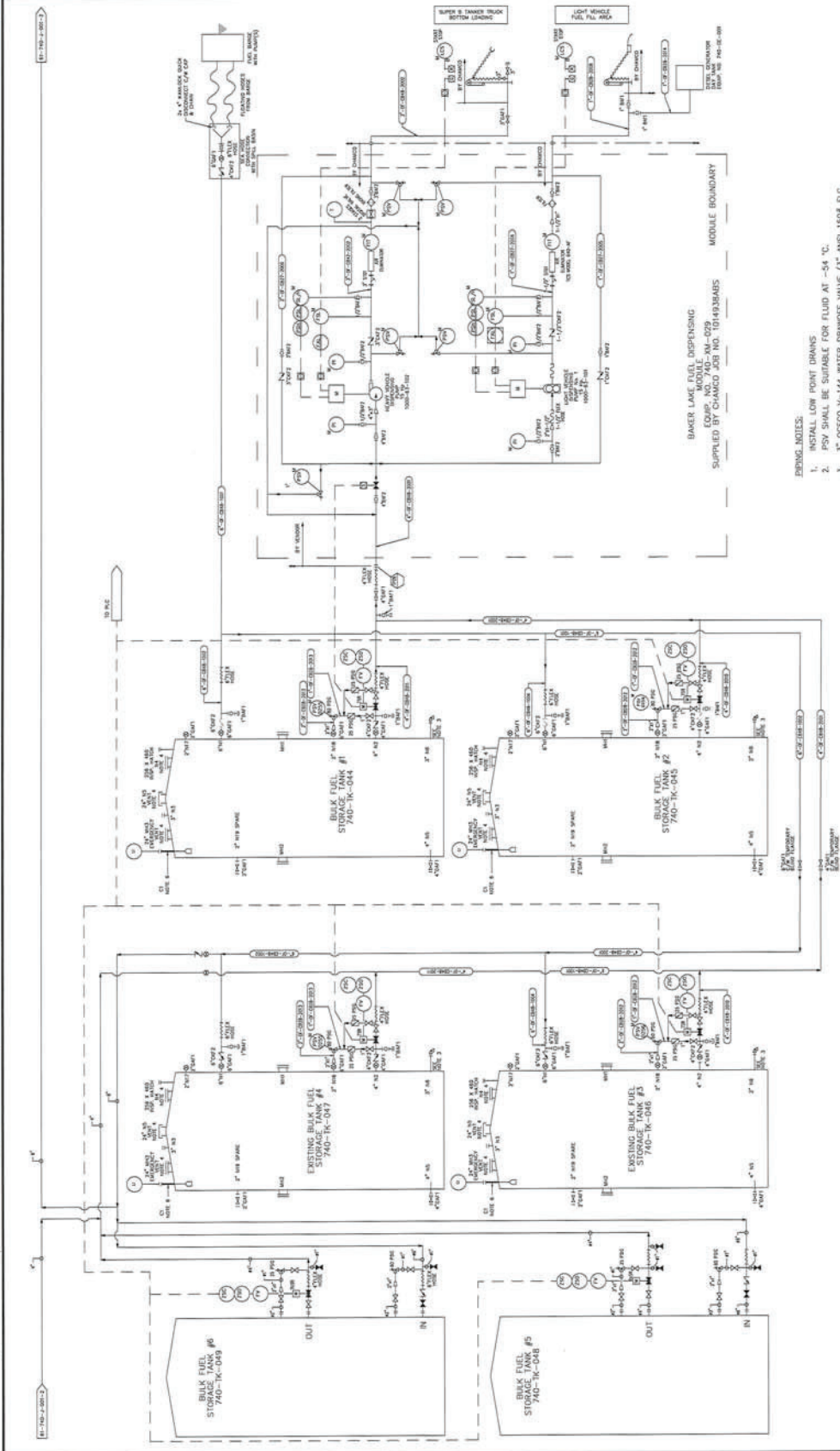
BASIN FUEL CAPACITY: 13 757 m³

--- BEDROCK --- BITUMINOUS GEOMEMBRANE



KIVALLIQ CONTRACTORS
GROUP LTD

PREPARED BY: MIKAËL LÉVESQUE
DATE: 10-07-2019
CON-FD-205-2



- BRING NOTES:
1. INSTALL LOW POINT DRAINS
 2. PVS SHALL BE SUITABLE FOR FLUID AT -54 °C
 3. 3" OCEC V-144 WATER DRAINOFF VALVE (1" ANSI 150# F.G. AND INSULATED)
 4. SUPPLIED BY TANK VENDOR, VALVE TO BE HEAT TRACED
 5. FLEXIBLE SS BRACED HOSE, 750mm I.D. (FLEXONIC SENSOR, OR EQUAL)
 6. WHEC 2500 LEVEL INDICATOR BY TANK MANUFACTURER

*SEE PLAN 008 FOR SCHEDULE OF FITTINGS

TEL QUE CONSTRUIT
AS BUILT

DATE: 2019-12-18

AGNICO EAGLE

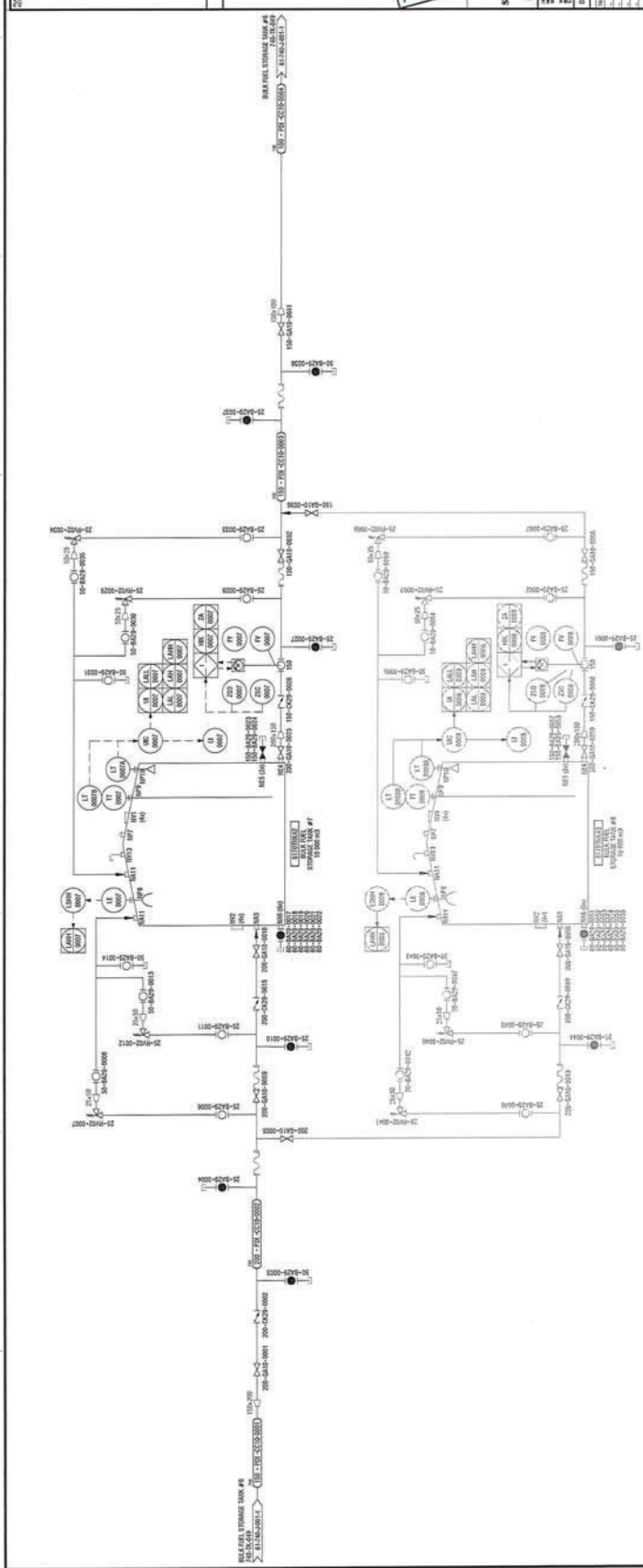
REVISIONS

NOTES: GENERAL / GENERAL NOTES

PROJECT #	600534-0000
REV.	7
DATE	2019-12-18
DESIGNED BY	FRANCOIS BLOIS
CHECKED BY	FRANCOIS BLOIS
APPROVED BY	FRANCOIS BLOIS
DATE	2019-12-18
SCALE	AS SHOWN
PROJECT	61-740-J-0100
REVISION	8
DATE	2019-12-18

61-740-J-0100-2

FORMA ARCH



NOTES GÉNÉRALES / GENERAL NOTES

TEL QUE CONSTRUIT
AS BUILT
DATE : 2019-12-18

SNC-LAWREN
Project # : 60234-0000
REV. 7
DESIGN EN RÉFÉRENCE / REFERENCE DRAWINGS
1. 61-740-J-0100-1
2. 61-740-J-0100-2
3. 61-740-J-0100-3
4. 61-740-J-0100-4
5. 61-740-J-0100-5
6. 61-740-J-0100-6
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100. 61-740-J-0100-100



REV.	DATE	DESCRIPTION
1	2019-12-18	AS BUILT

REV.	DATE	DESCRIPTION
1	2019-12-18	AS BUILT

AGNICO EAGLE - MACDONALD DIVISION
BAKER LAKE AREA 740
PROCESS AND INSTRUMENTATION DIAGRAM

DESIGNER	FRANCOIS GAGNON
CHECKED BY	FRANCOIS GAGNON
APPROVED BY	FRANCOIS GAGNON
DATE	2019-12-18
PROJECT	61-740-J-0100
SCALE	6120
SHEET	8
TOTAL	8

FILE: 61-740-J-0100-2.dwg

Appendix C

Photographs



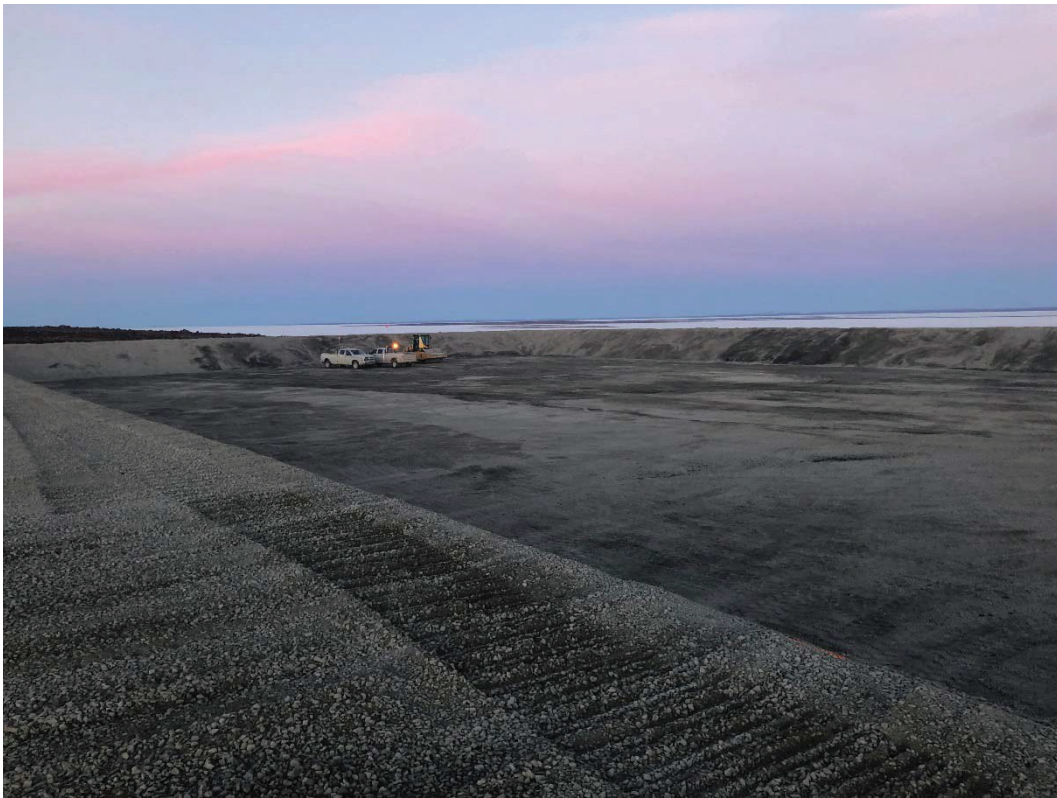
General site view before tank and containment construction



Overburden excavation



Pad and Berm construction



Containment overview



Tank pad construction



Tank floor construction



Tank wall welding



Tank roof structure



Piping to and from fuel tank



Tank general view

Appendix D

Fuel tank handover package

TURNOVER PACKAGE TANK #7

BAKER LAKE , NU

PREPARED FOR



Vendor Document Status	
AGNICO EAGLE	
1	<input type="checkbox"/> Proceed to next submission and status.
2	<input type="checkbox"/> Proceed with exceptions as noted to next submission and status.
3	<input type="checkbox"/> Do not proceed. Revise as noted and resubmit next submission and status.
4	<input checked="" type="checkbox"/> Complete, no further submission required.
By: _____ Date: _____	
<small>Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.</small>	
Agnico Eagle No. _____ Turnover #1 Rev. A R: _____	
DOCUMENT FOR INFORMATION	

ENGINEERING DESIGN AND MATERIAL PROVIDED BY

Inukshuk Construction Limited
Industrial Contracting  Project Management

ERECTED BY

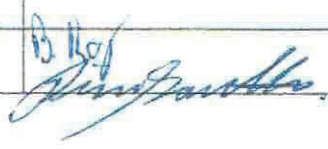
STS STORAGE TANK
SOLUTIONS

Rev. A

SEPTEMBER 12, 2019

INSPECTION & TEST PLAN

INSPECTION & TEST PLAN							
Tank:	Tank #7 6170TNK42		Project:	AEM Baker Lake Fuel Tanks		Document:	TK#7 ITP
By:	Inukshuk Construction Ltd		Proj #:	315		Revision:	2 - Issued for Construction
Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	
1	Kick-Off Meeting	Kickoff Meeting	N/A	Meeting Minutes	N/A		
2	Signature Log	Verify	N/A	Signature Log	N/A		
3	Welder Qualification	Verify	N/A	Individual Welder Qualifications / Welder Log	API-650 / ASME IX		
4	Inspector Qualification	Verify	N/A	In house Inspector & 3 rd Party Qualifications	API-650		
5	Weld Procedures	Verify	N/A	Approved Weld Procedures	API-650 / ASME IX, CWB W47.1		
6	Welding Consumable	Electrode Storage	N/A	N/A	Manufacturer's Instructions		
7	Foundation	Foundation Survey	DC	Foundation Acceptance Report, Compaction Report & Survey from 3rd Party	API-650 Para 7.5.5		
8	Floor	Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR issued prior to shipping	
		Fit up	VE, DC	As Built Drawing	Drawing	per API-650 5.1.5.4 - bottom plates under the shell shall have the outer ends of the joints fitted and lap-welded	
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS		
		Vacuum Test	VB	Vacuum Box Test Report	API-650 Para 7.3.3(a) & 8.6		
9	Shell to Floor Seams	Initial Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1		
		Final Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1		
		LPT	NDT	Diesel Test Report	API-650 Para 7.2.4.1 d	LPT inside of shell to floor seam	
10	Shell	Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR issued prior to shipping	
		Fit up 1 st Course	VE, DC	As Built Drawing	Drawing		
		Roundness	DC	Dimension Report	API-650 Para 7.5.3		
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2, 7.5, 8.5 & WPS		
		Diesel Test	NDT	Diesel Test Report	API-650 Para 7.2.4.1 d	Diesel Test inside of shell butt weld joints	
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report from 3rd party	API-650 Para 7.5		
		Radiography	NDT	X-ray report / Log / Map	API-650 Para 7.2.3 & 9.1	Testing by a qualified independent inspection firm	
Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	
11	Compression Ring	Fit up	VE, DC	As Built Drawing	Drawing		
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS		
12	Roof	Fit up	VE, DC	As Built Drawing	Drawing		
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS		
		Vacuum Test	VB	Vacuum Box Test Report	API-650 Para 7.3.8(b) & 8.6		
13	Roof Structure	Fit up	VE, DC	As Built Drawing	Drawing		
		Column Plumbness	DC	Dimension Report	API-650 Para 7.5.2 b)		
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS		
14	Nozzles	Layout	VE, DC	As Built Drawing	Drawing		
		Fit up	VE, DC	As Built Drawing	Drawing		
		Shop Prep Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS		
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS		
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5		
		Shell Nozzle Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5		
		MPI of Shell Nozzles	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Nozzles	
15	Manways	Layout	VE, DC	As Built Drawing	Drawing		
		Fit up	VE, DC	As Built Drawing	Drawing		

		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS	
15	Manways	Tolerance Check - Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5	
		Shell Manway Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5	
		MPI	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Manways
16	Internals	Layout	VE, DC	As Built Drawing	Drawing	
		Fit up	VE, DC	As Built Drawing	Drawing	
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS	
17	Externals	Layout	VE, DC	As Built Drawing	Drawing	
		Fit up	VE, DC	As Built Drawing	Drawing	
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS	
18	Stairs & Platforms	Layout	VE, DC	As Built Drawing	Drawing	
		Fit up	VE, DC	As Built Drawing	Drawing	
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS	
19	Bolts & Nuts	Inspection	VE, DC	As Built Drawing	Drawing	Bolt Torque
Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes
21	Final	Name Plate Verification	N/A	Scan of Name Plate	Drawings	
		Final Inspection	FI	As Built Drawings, Data Sheet, Manufacturer's Certification (3 rd Party), Punch List	Drawings	

DEFINITIONS:

AT - AIR TEST: Specified component and/or installation to be air tested according to specified documentation and specifications.

DC - DIMENSION CHECK: Physical dimensions of component and/or installation to be verified according to specified documentation and specifications.

FI - FINAL INSPECTION: Specified inspection procedures to be executed prior to release of the component and/or installation and verified according to specified documentation and specifications.

NDT - NON DESTRUCTIVE TESTING: Specified component and/or installation to be inspected using a named non destructive testing method according to specified documentation and specifications.

VE - VISUAL Examination: Specified component and/or installation to be examined visually according to specified documentation and specification.

VB - VACUUM-BOX TEST: Specified component and/or installation to be vacuum box tested according to specified documentation and specifications.

ALL CAN INSPECTION SERVICES (2011) INC.

Report # J1706

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-6664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Storage Tank Solutions	Client Job #	Welder Coupons
Address:	9 Well Head Street, Devon AB, T9G1Z6	P.O. #	Sebastien
Contact:	Name: Sebastien Ouellet	Date:	Feb 25/19
	Phone: 780-982-3980		
Work Location:	All Can Inspection Shop	Work Description:	

- CODES**
1. ASME B31.3 N/S
 2. ASME B31.3 S/C
 3. ASME Sec. VIII Div 1 UW51
 4. ASME Sec. VIII Div. 1 UW52
 5. CSA Z662
 6. CSA Z662 (Sour)
 7. API 650
 8. Other: QW191.2

NDE No:	Size & thickness Plus Code Max. reinforcement	Material	Code	IQI	Technique Number	Source Side of Object to Film Distance	Source to Object Distance	Number of Exposures	Welder ID	LF - Lack of Fusion IP - Incomplete Penetration IC - Internal Concavity BT - Burn Through TI - Tungsten Inclusion IU: Internal Undercut EU: External Undercut EP - Excessive Penetration P - Porosity S - Slag HL - High-Low C - Crack AB - Arc Burn HB - Hollow Bead Severity: 1 = Slight, 2 = Medium, 3 = Severe (Reject)	Severity	Accept	Reject
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	KW				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	KW				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	KW				
	0-6"											✓	
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	MM				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	MM				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	MM				
	0-6"											✓	
2G Subarc	1/2" SPOT	P1	8	2	RT-2	0.625	25.000	1	MM				
	0-15"									P @ 0"	1	✓	
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	CJ				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	CJ				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	CJ				
	0-6"											✓	
2G Subarc	1/2" SPOT	P1	8	2	RT-2	0.625	25.000	1	CJ				
	0-15"											✓	

RT Technician:	Gordon Thomas	CGSB Level:	2	Reg. # :	6	SNT-TC-1A Level:	III	SNT-TC-1A No:	6
RT Assistant # 1	Adele Kezama	CEDO #:	18988			SNT-TC-1A Level:	II	SNT-TC-1A No:	18988
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY

Technician Signature _____ Date **Feb 25/19**

Client Representative Signature _____ Evaluation Date _____

The above interpretation is a technical opinion, not a guarantee.
 Client signature indicates acceptance of the report and results.
 Clock tape marker and start arrow marked on weldment.
 It is the customer's responsibility to map welds on drawings.

Film Make / Brand AGFA Film Class / Type: 1-D5

Screens Lead Front 0.010" Back 0.010" One (no.) film per screen

Film Density in H & D: Min. 2.0 Max. 4.0

Penetrometer (IQI hole type) designation: N/A Recommended Max. U.G.: 0.20"

Source Isotope: IRIDIUM-192 (Gamma) Wall Viewing: Single

Effective Focal Spot Size: 0.146 inches Processing: Automatic

RADIOGRAPHIC EXAMINATION REPORT

ALL CAN INSPECTION SERVICES (2011) INC.

Report # J1778

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-6664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Storage Tank Solutions	Client Job #	Welder Coupons	CODES 1. ASME B31.3 N/S 2. ASME B31.3 S/C 3. ASME Sec. VIII Div 1 UW51 4. ASME Sec. VIII Div. 1 UW52 5. CSA Z662 6. CSA Z662 (Sour) 7. API 650 8. Other: QW191.2
Address:	9 Well Head Street, Devon AB, T9G1Z6	P.O. #	Sebastien	
Contact:	Name: Sebastien Ouellet	Date:	Mar 1/19	
	Phone: 780-982-3980			
Work Location:	All Can Inspection Shop	Work Description:		

NDE No:	Size & thickness Plus Code Max. reinforcement	Material	Code	IQI	Technique Number	Source Side of Object to Film Distance	Source to Object Distance	Number of Exposures	Welder ID	LF - Lack of Fusion IP - Incomplete Penetration IC - Internal Concavity BT - Burn Through TI - Tungsten Inclusion IU: Internal Undercut EU: External Undercut EP - Excessive Penetration P - Porosity S - Slag HL - High-Low C - Crack AB - Arc Burn HB - Hollow Bead	Severity	Accept	Reject
			1 - 8	See Back	See Back	inches	inches						
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	SO	Severity: 1 = Slight, 2 = Medium, 3 = Severe (Reject) Discontinuity	1 - 3	✓	X
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	SO				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	SO				
	0-6"											✓	
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DZ				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DZ				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DZ				
	0-6"											✓	
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JN				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JN				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JN				
	0-6"											✓	
2G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	TM				
	0-6"											✓	
3G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	TM				
	0-6"											✓	
4G SMAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	TM				
	0-6"											✓	

RT Technician: <u>Gordon Thomas</u>	CGSB Level: <u>2</u>	Reg. #: <u>6</u>	SNT-TC-1A Level: <u>III</u>	SNT-TC-1A No: <u>6</u>
RT Assistant # 1 <u>Adele Kezama</u>	CEDO #: <u>18988</u>		SNT-TC-1A Level: <u>II</u>	SNT-TC-1A No: <u>18988</u>
RT Assistant # 2 _____	CEDO #: _____		SNT-TC-1A Level: _____	SNT-TC-1A No: _____

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY <div style="display: flex; justify-content: space-between;"> <div> Technician Signature _____ Client Representative Signature _____ </div> <div> Date <u>Mar 1/19</u> Evaluation Date _____ </div> </div> <p style="text-align: center;"> The above interpretation is a technical opinion, not a guarantee. Client signature indicates acceptance of the report and results. Clock tape marker and start arrow marked on weldment. It is the customer's responsibility to map welds on drawings. </p>		Film Make / Brand <u>AGFA</u> Film Class / Type: <u>1-D5</u> Screens Lead Front <u>0.010"</u> Back <u>0.010"</u> One (no.) film per screen Film Density in H & D: Min. <u>2.0</u> Max. <u>4.0</u> Penetrometer (IQI hole type) designation: <u>N/A</u> Recommended Max. U.G.: <u>0.20"</u> Source Isotope: <u>IRIDIUM-192 (Gamma)</u> Wall Viewing: <u>Single</u> Effective Focal Spot Size: <u>0.146 inches</u> Processing: <u>Automatic</u>
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RADIOGRAPHIC EXAMINATION REPORT

ALL CAN INSPECTION SERVICES (2011) INC.

Report # J3424

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-6664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Storage Tank Solutions	Client Job #	Welder Coupons	CODES 1. ASME B31.3 N/S 2. ASME B31.3 S/C 3. ASME Sec. VIII Div 1 UW51 4. ASME Sec. VIII Div. 1 UW52 5. CSA Z662 6. CSA Z662 (Sour) 7. API 650 8. Other: QW191.2
Address:	9 Well Head Street, Devon AB, T9G1Z6	P.O. #	Sebastien	
Contact:	Name: Sebastien Ouellet	Date:	June 18/19	
	Phone: 780-982-3980			
Work Location:	All Can Inspection Shop	Work Description:		

NDE No:	Size & thickness Plus Code Max. reinforcement	Material	Code	IQI	Technique Number	Source Side of Object to Film Distance	Source to Object Distance	Number of Exposures	Welder ID	LF - Lack of Fusion IP - Incomplete Penetration IC - Internal Concavity BT - Burn Through TI - Tungsten Inclusion IU: Internal Undercut EU: External Undercut EP - Excessive Penetration P - Porosity S - Slag HL - High-Low C - Crack AB - Arc Burn HB - Hollow Bead	Severity	Accept	Reject
			1 - 8	See Back	See Back	inches	inches			Severity: 1 = Slight, 2 = Medium, 3 = Severe (Reject) Discontinuity			
2GSAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	AM				
	0-6"											✓	
3G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	AM				
	0-6"									P @ 0", 2 1/2", & 4 1/2"	1	✓	
4G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	AM				
	0-6"											✓	
Subarc	1/2" SPOT	P1	8	2	RT-2	0.625	25.000	1	AM				
	0-12"											✓	
2GSAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JO				
	0-6"									P @ End	1	✓	
3G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JO				
	0-6"									P @ 0" & End	1	✓	
4G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	JO				
	0-6"											✓	
Subarc	1/2" SPOT	P1	8	2	RT-2	0.625	25.000	1	JO				
	0-12"											✓	
2GSAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DM				
	0-6"									P @ End	1	✓	
3G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DM				
	0-6"											✓	
4G SAW	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	DM				
	0-6"									P @ 1"	1	✓	

RT Technician: Gordon Thomas	CGSB Level: 2	Reg. #: 6	SNT-TC-1A Level: III	SNT-TC-1A No: 6
RT Assistant # 1 Shannon Berg	CEDO #: 17583		SNT-TC-1A Level: I	SNT-TC-1A No: 17583
RT Assistant # 2	CEDO #:		SNT-TC-1A Level:	SNT-TC-1A No:

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY	
Technician Signature _____ Date <u>June 18/19</u>	Film Make / Brand <u>AGFA</u> Film Class / Type: <u>1-D5</u> Screens Lead Front <u>0.010"</u> Back <u>0.010"</u> One (no.) film per screen Film Density in H & D: Min. <u>2.0</u> Max. <u>4.0</u> Penetrometer (IQI hole type) designation: <u>N/A</u> Recommended Max. U.G.: <u>0.20"</u> Source Isotope: <u>IRIDIUM-192 (Gamma)</u> Wall Viewing: <u>Single</u> Effective Focal Spot Size: <u>0.146 inches</u> Processing: <u>Automatic</u>
Client Representative Signature _____ Evaluation Date _____ <p style="font-size: small;">The above interpretation is a technical opinion, not a guarantee. Client signature indicates acceptance of the report and results. Clock tape marker and start arrow marked on weldment. It is the customer's responsibility to map welds on drawings.</p>	

RADIOGRAPHIC EXAMINATION REPORT

QUALITY CONTROL MANUAL

Storage Tank Solutions Inc.	WELDERS' QUALIFICATION RECORD API 650	Exhibit 8, Rev A
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WELDER NAME	WELDER SYMBOL	DATE QUALIF.	QUALIFICATION PROCEDURE	LIMITATIONS					REMARKS
				PROCESS	ELECTRODE	POSITION	THICKNESS RANGE	DIAMETER RANGE	
Matthew MacKenzie	MM	25/02/2019	STS-1	SMAW, UP	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J1706
	MM	25/02/2019	STS-4	SMAW, DOWN	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J1706
	MM	25/02/2019	STS-2	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J1706
	MM	25/02/2019	STS-7	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J1706

QC (PRINT)	DATE (yyyy-MM-dd):
SIGN:	
QA (PRINT)	DATE (yyyy-MM-dd):
SIGN:	

QUALITY CONTROL MANUAL

Storage Tank Solutions Inc.	WELDERS' QUALIFICATION RECORD API 650	Exhibit 8, Rev A
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WELDER NAME	WELDER SYMBOL	DATE QUALIF.	QUALIFICATION PROCEDURE	LIMITATIONS					REMARKS
				PROCESS	ELECTRODE	POSITION	THICKNESS RANGE	DIAMETER RANGE	
Christopher Jaques	CJ	25/02/2019	STS-1	SMAW, UP	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J1706
	CJ	25/02/2019	STS-4	SMAW, DOWN	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J1706
	CJ	25/02/2019	STS-2	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J1706
	CJ	25/02/2019	STS-7	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J1706

QC (PRINT)	DATE (yyyy-MM-dd):
SIGN:	
QA (PRINT)	DATE (yyyy-MM-dd):
SIGN:	

QUALITY CONTROL MANUAL

Storage Tank Solutions Inc.	WELDERS' QUALIFICATION RECORD API 650	Exhibit 8, Rev A
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WELDER NAME	WELDER SYMBOL	DATE QUALIF.	QUALIFICATION PROCEDURE	LIMITATIONS					REMARKS
				PROCESS	ELECTRODE	POSITION	THICKNESS RANGE	DIAMETER RANGE	
ALAN MARTIN	AM	18/06/2019	STS-1	SMAW, UP	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J3424
	AM	18/06/2019	STS-4	SMAW, DOWN	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J3424
	AM	18/06/2019	STS-2	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J3424
	AM	18/06/2019	STS-7	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J3424

QC (PRINT)	DATE (yyyy-MM-dd):
SIGN:	
QA (PRINT)	DATE (yyyy-MM-dd):
SIGN:	

QUALITY CONTROL MANUAL

Storage Tank Solutions Inc.	WELDERS' QUALIFICATION RECORD API 650	Exhibit 8, Rev A
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WELDER NAME	WELDER SYMBOL	DATE QUALIF.	QUALIFICATION PROCEDURE	LIMITATIONS				REMARKS	
				PROCESS	ELECTRODE	POSITION	THICKNESS RANGE		DIAMETER RANGE
JOEL OVERGUARD	JO	18/06/2019	STS-1	SMAW, UP	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J3424
	JO	18/06/2019	STS-4	SMAW, DOWN	F3-F4	2G,3G,4G	.116-1.75	ALL	X-RAY REPORT J3424
	JO	18/06/2019	STS-2	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J3424
	JO	18/06/2019	STS-7	SAW	F7A6	2G	.116-1.75	ALL	X-RAY REPORT J3424

QC (PRINT)	DATE (yyyy-MM-dd):
SIGN:	
QA (PRINT)	DATE (yyyy-MM-dd):
SIGN:	

QUALITY CONTROL MANUAL

QUALITY CONTROL MANUAL

Exhibit 28, Rev 1

EXAMINER QUALIFICATIONS

Customer: AGNICO EAGLE TANK 7

Location: BAKER LAKE


Code Requiring Test: API 650 (section 8.5.1)

Reason for Test: New Construction

Storage Tank Solutions Inc. certifies that each visual examiner meets the following requirements:

- a) Has a vision (with correction, if necessary) to be able to read a Jeager Type 2 standard chart at a distance of not less than 12in. and is capable of passing a color contrast test. Examiners will be checked annually to ensure that they meet the requirement; and
- b) Is competent in the technique of the visual examination, including performing the examination and interpreting and evaluating results; however, where the examination method consists of more than one operation, the examiner performing only a portion of the test need only be qualified for the portion that the examiner performs.

Qualified examiner:



QUALITY CONTROL MANUAL FOUNDATION REPORT

TANK TAG NUMBER: TANK 7 WORK ORDER NUMBER: 315
 CUSTOMER: AEM PROJECT: BAKER LAKE
 ITP LINE NUMBER: 7 DATE: Aug 8/19.

1.0 TANK PAD ACCEPTANCE GUIDELINES

- 1.1 In acceptance of the Tank Foundation, we acknowledge that the following requirements have been met:
- a) The foundation circumference meets the requirements of API 650 Para 7.5.
 - b) The foundation has been staked to clearly identify the major tank axis (North, South, East, West) and the tank center point
 - c) There is adequate access to the tank erection area to commence erection activities.
- 1.2 Our acceptance of the tank foundation is limited only to the above requirements. Acceptance does not constitute certification of the foundation design and/or construction including but not limited to the following:
- a) Certification of the foundation design including that of the leak detection and cathodic protection system.
 - b) Certification that the foundation has the load bearing capacities required.
 - c) Dimensional accuracy other than that explicitly stated above.
 - d) That the coordinate axis complies with the clients plot plan.
 - e) That soil embedded items have been properly placed according to approved drawings. This will be confirmed during the installation of components associated with the embedded items.
 - f) Certification that the foundation has been properly constructed or is structurally acceptable.
 - g) Certifications that the leak detection and/or cathodic protection systems have been properly installed.

OBSERVATIONS:

Tank Foundation meets the requirements of API 650.

ACCEPTED BY: 
(NAME & SIGNATURE)
STS QC REPRESENTATIVE

DATE: Aug 8/19.

ACCEPTED BY: 
(NAME & SIGNATURE)
CLIENT INSPECTOR

DATE: Aug 8/19