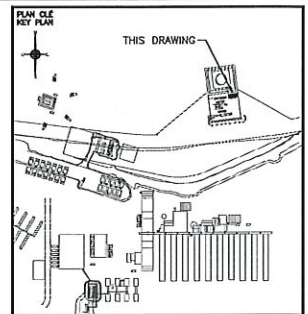
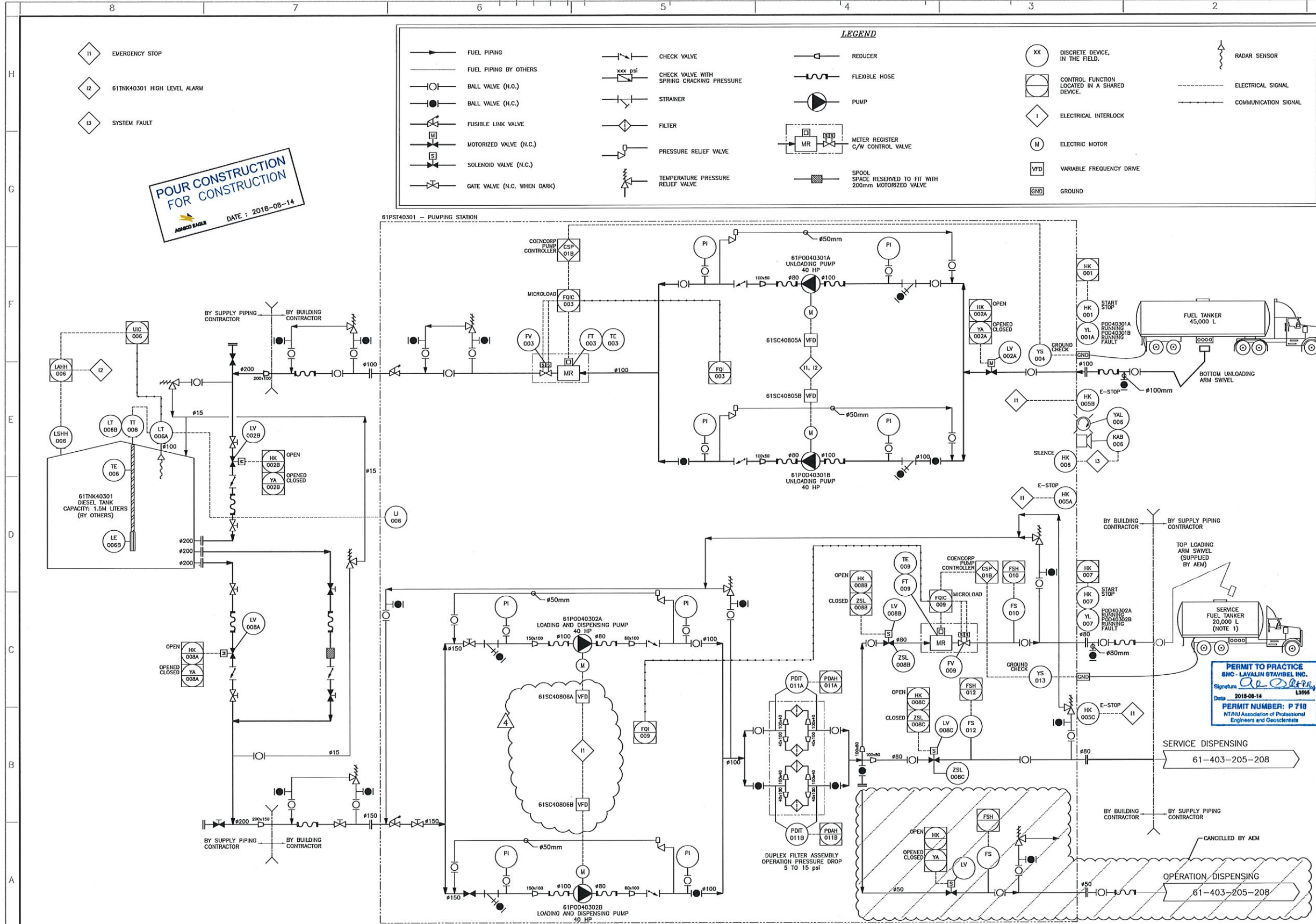




NOTES GÉNÉRALES / GENERAL NOTES

- NOTE FOR SUPPLY PIPING CONTRACTOR
(LOT # 6115-S-270-004-SOW-001)
- 1- INDOOR PIPING, SOLENOID VALVES AND INSTRUMENTS ARE EXCLUDED.
 - 2- PROVIDE ALL OUTSIDE PIPING (ABOVE AND UNDERGROUND), VALVES, FITTING AND OTHER ACCESSORIES.
 - 3- OUTDOOR MOTORIZED VALVES ARE EXCLUDED.
- NOTE FOR BUILDING CONTRACTOR
(LOT # 6115-S-285-011-SOW-001)



Project # : 644819-0000

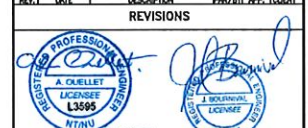
CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THIS PROJECT.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NO.	TITLE	DATE
1	FUEL DISTRIBUTION DIAGRAM	61-403-200-202
2	FUEL DISPENSING BUILDINGS	61-403-205-208



NO.	DATE	DESCRIPTION	BY	CHKD
1	2018-08-14	ISSUED FOR CONSTRUCTION	D.L.L.	A.L.
2	2018-08-14	ISSUED FOR CONSTRUCTION	D.L.L.	A.L.
3	2018-08-14	ISSUED FOR CONSTRUCTION	D.L.L.	A.L.
4	2018-08-14	ISSUED FOR CONSTRUCTION	D.L.L.	A.L.

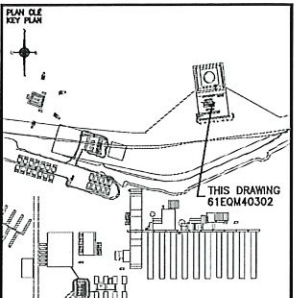
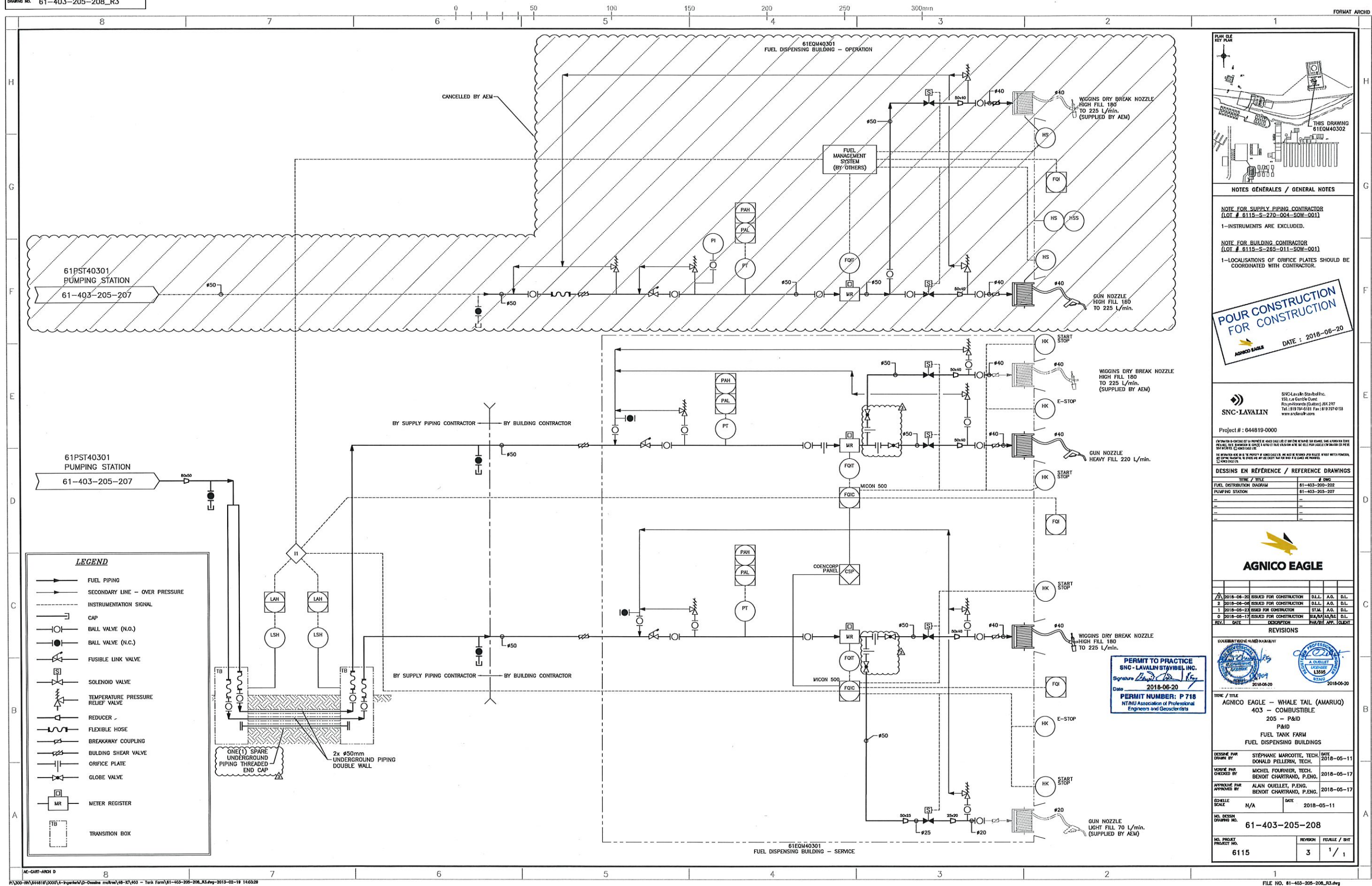


AGNICO EAGLE - WHALE TAIL (AMARUQ)
403 - COMBUSTIBLE
205 - P&ID
P&ID
FUEL TANK FARM
PUMPING STATION

DESIGNER	STÉPHANE MARCOTTE, TECH.	DATE	2018-05-14
CHECKED BY	DONALD PELLERIN, TECH.		
APPROVED BY	MICHEL FOURNIER, TECH.	DATE	2018-05-17
	BENOIT CHARTRAND, P.ENG.		
APPROVED BY	ALAIN OUELLET, P.ENG.	DATE	2018-05-17
	BENOIT CHARTRAND, P.ENG.		

EDITION
SCALE N/A
DATE 2018-02-08

NO. DESIGN DRAWING NO.	61-403-205-207
NO. PROJECT PROJECT NO.	6115
REVISION	4
FOLIO / SHEET	1 / 1



NOTES GÉNÉRALES / GENERAL NOTES

NOTE FOR SUPPLY PIPING CONTRACTOR
(LOT # 6115-S-270-004-SOW-001)
1-INSTRUMENTS ARE EXCLUDED.

NOTE FOR BUILDING CONTRACTOR
(LOT # 6115-S-265-011-SOW-001)
1-LOCALISATIONS OF ORIFICE PLATES SHOULD BE COORDINATED WITH CONTRACTOR.

POUR CONSTRUCTION FOR CONSTRUCTION

AGNICO EAGLE DATE : 2018-06-20

SNC-LAVALIN

SNC-Lavalin Stabilité Inc.
150, rue Gordon
Régimont (Québec), J8X 2P7
Tel : 514 767-6181 Fax : 514 767-6158
www.snc-lavalin.com

Project # : 644819-0000

CONTRACTOR IS ADVISED THAT THE INFORMATION CONTAINED HEREIN IS FOR THE EXCLUSIVE USE OF THE CONTRACTOR AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SNC-LAVALIN.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NO.	TITLE	DATE	BY	CHKD.	APP.
1	FUEL DISTRIBUTION DIAGRAM	2018-05-11	D.L.	A.O.	D.L.
2	PUMPING STATION	2018-05-11	D.L.	A.O.	D.L.

AGNICO EAGLE

NO.	DATE	DESCRIPTION	BY	CHKD.	APP.
1	2018-05-11	ISSUED FOR CONSTRUCTION	D.L.	A.O.	D.L.
2	2018-05-11	ISSUED FOR CONSTRUCTION	D.L.	A.O.	D.L.
3	2018-05-11	ISSUED FOR CONSTRUCTION	D.L.	A.O.	D.L.
4	2018-05-11	ISSUED FOR CONSTRUCTION	D.L.	A.O.	D.L.

REVISIONS

REVISIONS

PERMIT TO PRACTICE
SNC-LAVALIN STABILITÉ INC.
Signature: [Signature]
Date: 2018-06-20
PERMIT NUMBER: P 718
NTNU Association of Professional Engineers and Geoscientists

TITLE / TITRE
AGNICO EAGLE - WHALE TAIL (AMARUO)
403 - COMBUSTIBLE
205 - P&ID
P&ID
FUEL TANK FARM
FUEL DISPENSING BUILDINGS

DESIGNED BY: STÉPHANE MARCOTTE, TECH.
CHECKED BY: DONALD PELLERIN, TECH.
APPROVED BY: MICHEL FOURNIER, TECH.
APPROVED BY: BENOÎT CHARTRAND, P.ENG.
DATE: 2018-05-11

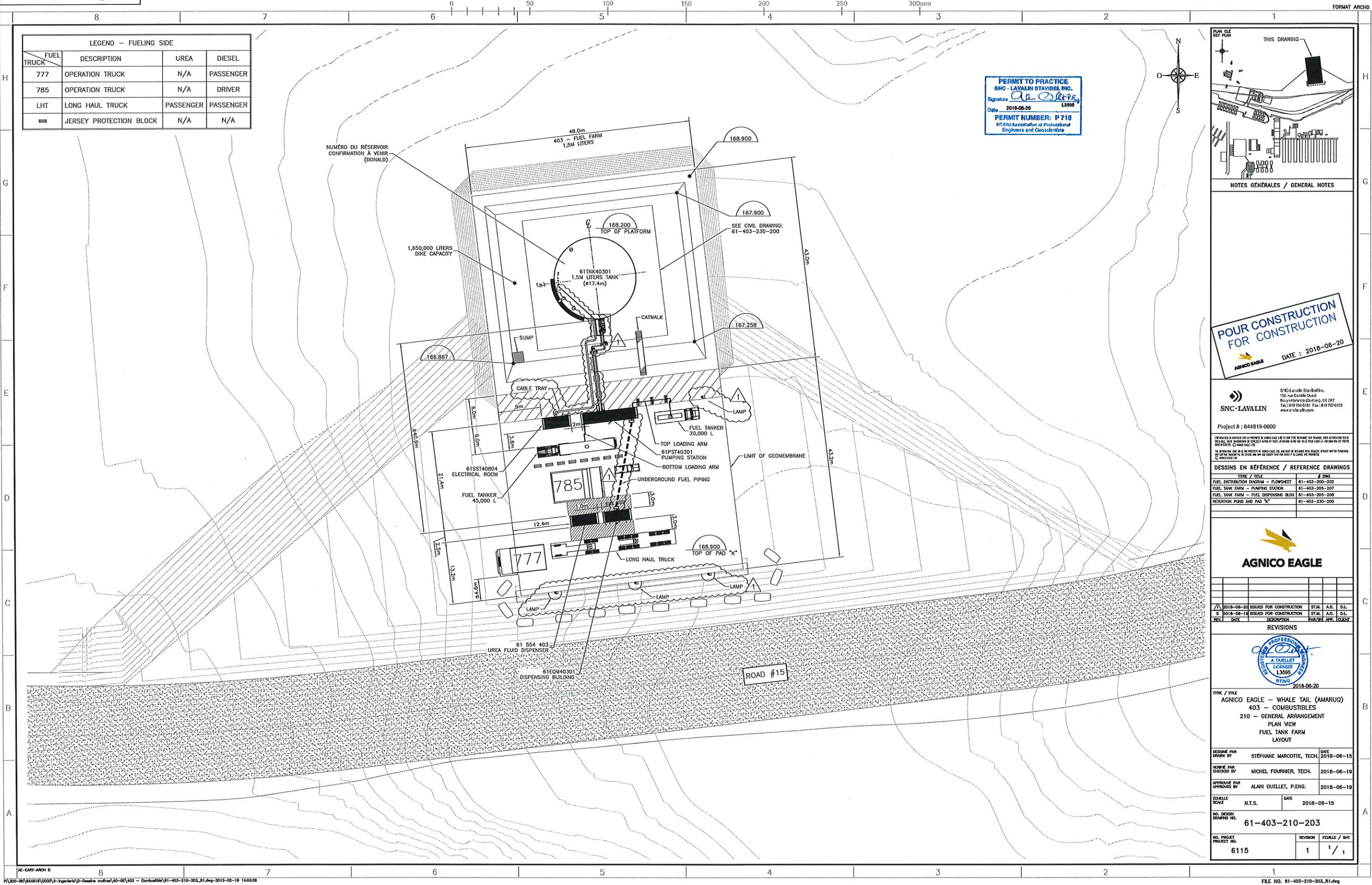
SCALE: N/A DATE: 2018-05-11

NO. DESIN 61-403-205-208

NO. PROJECT 6115

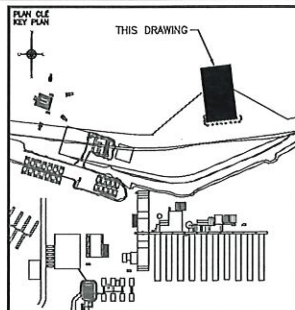
REVISION 3

DATE 1 / 1



LEGEND - FUELING SIDE			
FUEL TRUCK	DESCRIPTION	UREA	DIESEL
777	OPERATION TRUCK	N/A	PASSENGER
785	OPERATION TRUCK	N/A	DRIVER
LHT	LONG HAUL TRUCK	PASSENGER	PASSENGER
■	JERSEY PROTECTION BLOCK	N/A	N/A

PERMIT TO PRACTICE
SNC - LAVALIN STAVEL INC.
Signature: [Signature]
Date: 2018-06-20
PERMIT NUMBER: P 718
NTNU Association of Professional Engineers and Geoscientists



NOTES GÉNÉRALES / GENERAL NOTES

POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2018-06-20

SNC-LAVALIN
100 rue Grande Ouelle
Rouyn-Noranda (Québec) J8A 2B7
Tel.: 819 764-5181 Fax: 819 767-0158
www.snc-lavalin.com

Project #: 644819-0000

CONTRACTANT: SNC-LAVALIN STAVEL INC. 100 rue Grande Ouelle, Rouyn-Noranda (Québec) J8A 2B7. Tél.: 819 764-5181. Fax: 819 767-0158. www.snc-lavalin.com

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NO.	TITLE	DATE
61-403-200-200	FUEL DISTRIBUTION DIAGRAM - FLOWSHEET	2018-06-20
61-403-205-207	FUEL TANK FARM - PUMPING STATION	2018-06-20
61-403-205-208	FUEL TANK FARM - FUEL DISPENSING BUILDING	2018-06-20
61-403-230-200	RETENTION POND AND PAD "K"	2018-06-20

AGNICO EAGLE

REV.	DATE	DESCRIPTION	APP.	APP.	CLIENT
1	2018-06-20	ISSUED FOR CONSTRUCTION	STAL	A.O.	D.L.
2	2018-06-20	ISSUED FOR CONSTRUCTION	STAL	A.O.	D.L.

PROFESSIONNEL
A. OUELLET
LICENCIÉ
13595
NTNU

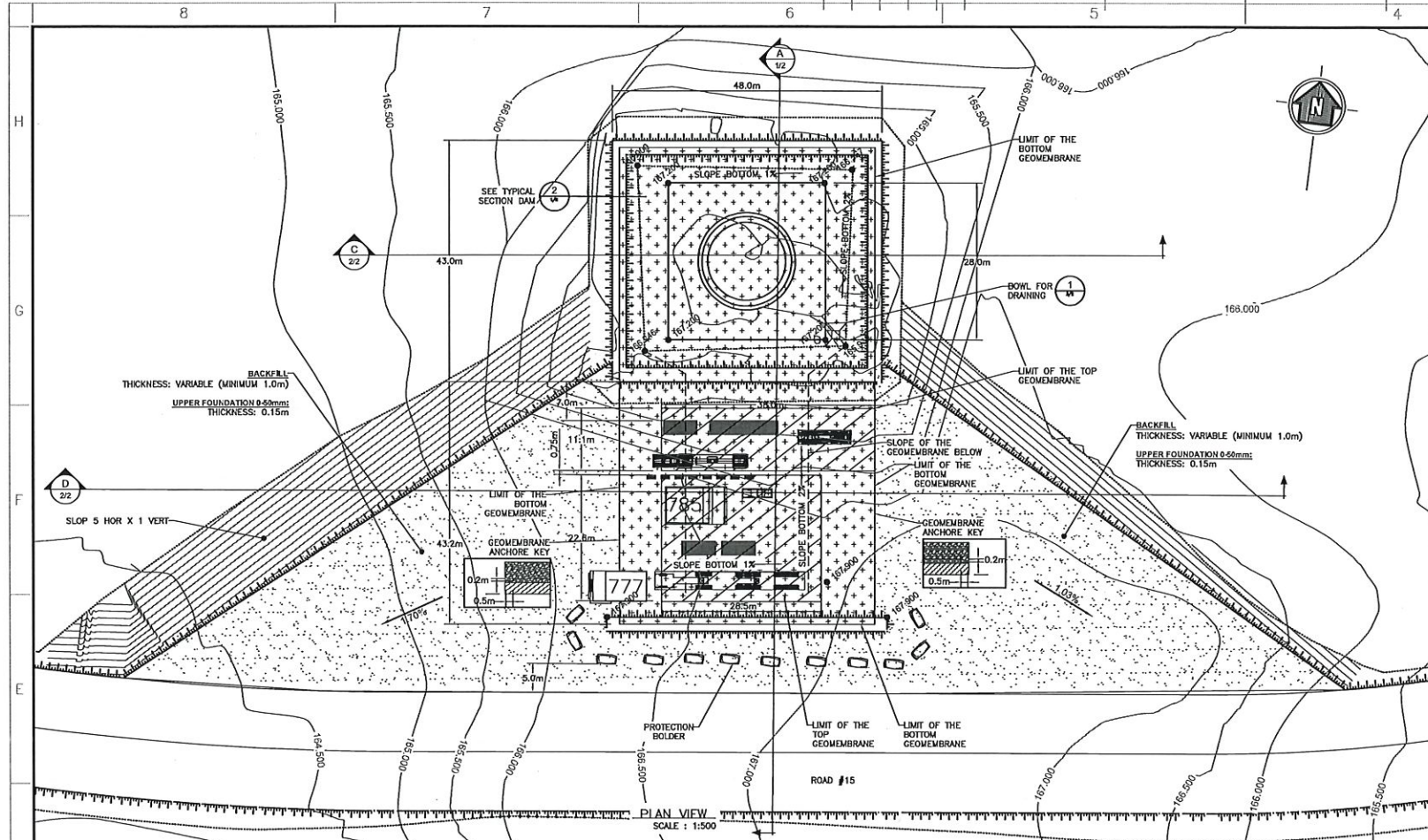
TITLE / TITRE
AGNICO EAGLE - WHALE TAIL (AMARUQ)
403 - COMBUSTIBLES
210 - GENERAL ARRANGEMENT
PLAN VIEW
FUEL TANK FARM
LAYOUT

DESIGNED BY	STÉPHANE MARCOTTE, TECH.	DATE	2018-06-15
CHECKED BY	MICHEL FOURNIER, TECH.	DATE	2018-06-19
APPROVED BY	ALAIN OUELLET, P.ENG.	DATE	2018-06-19

SCALE: N.T.S. DATE: 2018-06-15

NO. DESIGN
DRAWING NO. 61-403-210-203

NO. PROJECT	REVISION	FOLIO / SHEET
6115	1	1 / 1

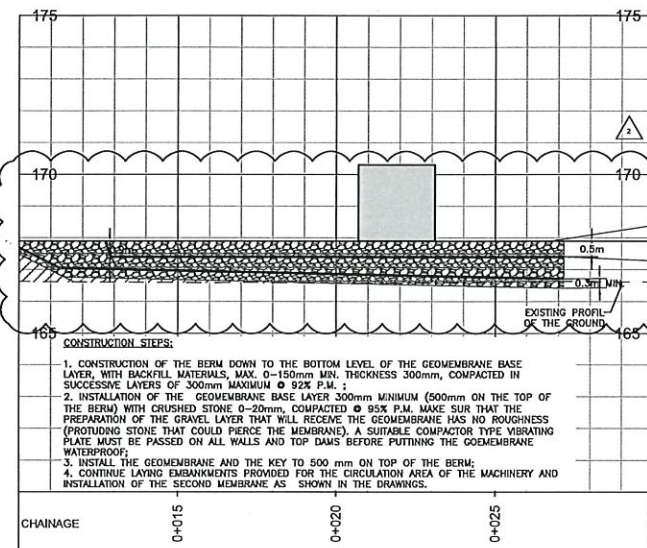


CAUTION :

MAKE SURE THAT THE PREPARATION OF THE GRAVEL LAYER THAT WILL RECEIVE THE COLEMAN-MEMBRANE HAS NO ROUGHNESS (PROTRUDING STONE THAT COULD PIERCE THE MEMBRANE). A SUITABLE COMPACTOR TYPE VIBRATING PLATE MUST BE PASSED ON ALL WALLS AND TOP DAMS BEFORE PUTTING THE MEMBRANE WATERPROOF.

LEGEND

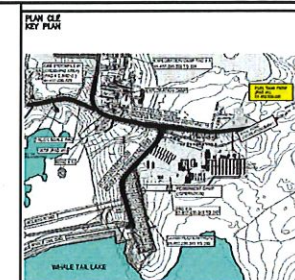
- CRUSHED STONE #0-20
THICKNESS 150mm
COMPACTED 95% P.M.
- BACKFILL - MATERIALS
MAX #0-150
MIN. THICKNESS 300mm
COMPACTED 92% P.M.
MUST COME FROM ESKER



CONSTRUCTION STEPS:

1. CONSTRUCTION OF THE BERM DOWN TO THE BOTTOM LEVEL OF THE GEOMEMBRANE BASE LAYER, WITH BACKFILL MATERIALS, MAX. 0-150mm MIN. THICKNESS 300mm, COMPACTED IN SUCCESSIVE LAYERS OF 300mm MAXIMUM 92% P.M. ;
2. INSTALLATION OF THE GEOMEMBRANE BASE LAYER 300mm MINIMUM (500mm ON THE TOP OF THE BERM) WITH CRUSHED STONE 0-20mm, COMPACTED 95% P.M. MAKE SURE THAT THE PREPARATION OF THE GRAVEL LAYER THAT WILL RECEIVE THE GEOMEMBRANE HAS NO ROUGHNESS (PROTRUDING STONE THAT COULD PIERCE THE MEMBRANE). A SUITABLE COMPACTOR TYPE VIBRATING PLATE MUST BE PASSED ON ALL WALLS AND TOP DAMS BEFORE PUTTING THE GEOMEMBRANE WATERPROOF.
3. INSTALL THE GEOMEMBRANE AND THE KEY TO 500 mm ON TOP OF THE BERM;
4. CONTINUE LAYING BACKFILLMENTS PROVIDED FOR THE CIRCULATION AREA OF THE MACHINERY AND INSTALLATION OF THE SECOND MEMBRANE AS SHOWN IN THE DRAWINGS.

ENLARGEMENT
HOR. SCALE : 1:100
VERT. SCALE : 1:100



NOTES GENERAL / GENERAL NOTES

POUR CONSTRUCTION FOR CONSTRUCTION
DATE : 2018-10-15

PERMIT TO PRACTICE
SNC - LAVALLIN STAVBEL INC.
Signature: *[Signature]*
Date: 2018-10-15
PERMIT NUMBER: P 718
MEMBER Association of Professional Engineers and Geoscientists

DESSINS EN REFERENCE / REFERENCE DRAWINGS

TYPE / TITRE	NO.
ROAD #15	81-117-230-231
CLAYEST INSTALLATION	81-117-230-232
PAD "K"	81-117-230-200

AGNICO EAGLE

NO.	DATE	DESCRIPTION	PREPARED BY	APPROVED BY
1	2018-07-14	ISSUED FOR CONSTRUCTION	E.D.B.	R.M.
2	2018-08-27	ISSUED FOR CONSTRUCTION	E.D.B.	R.M.

REVISIONS

ELECTRONICALLY SIGNED DOCUMENT
[Signature]
2018-10-15

TITLE / TITRE
AGNICO-EAGLE - WHALE TAIL (AMARUQ)
403 - COMBUSTIBLES
230 - GENERAL EARTH WORKS
CROSS SECTION
FUEL TANK FARM #1 - PAD "K"
RETENTION POND AND PAD "K"

DESIGNED BY EDUARD DUPUIS-B., TECH
CHECKED BY RICHARD MARCOUX, ING.
APPROVED BY RICHARD MARCOUX, ING.

DATE 2018-06-21

SCALE AS SHOWN

NO. DESIG. 61-403-230-200

NO. PROJET 6115

REVISION 2

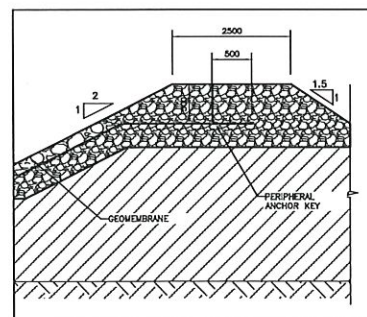
FEUILLE / INT 1 / 2

LEGEND

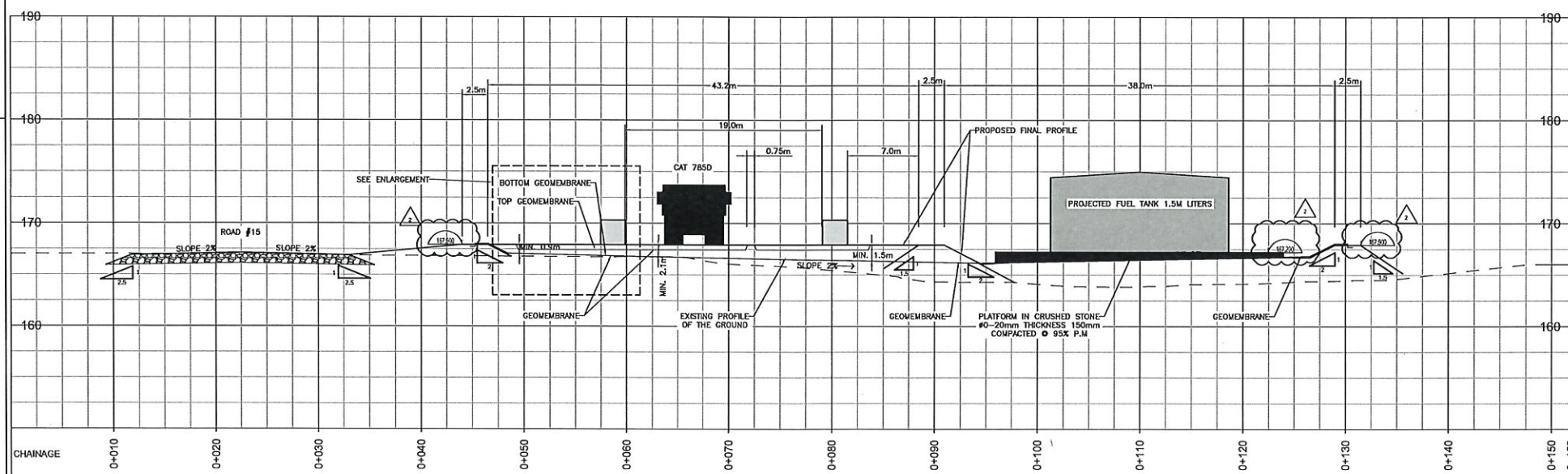
- CRUSHED STONE #0-20
THICKNESS 150mm
COMPACTED 95% P.M.
- BACKFILL - MATERIALS
MAX #0-150
MIN. THICKNESS 300mm
COMPACTED 92% P.M.

CAUTION :

MAKE SURE THAT THE PREPARATION OF THE GRAVEL LAYER THAT WILL RECEIVE THE COLEMAN-MEMBRANE HAS NO ROUGHNESS (PROTRUDING STONE THAT COULD PIERCE THE MEMBRANE). A SUITABLE COMPACTOR TYPE VIBRATING PLATE MUST BE PASSED ON ALL WALLS AND TOP DAMS BEFORE PUTTING THE MEMBRANE WATERPROOF.

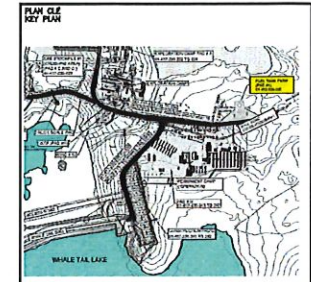
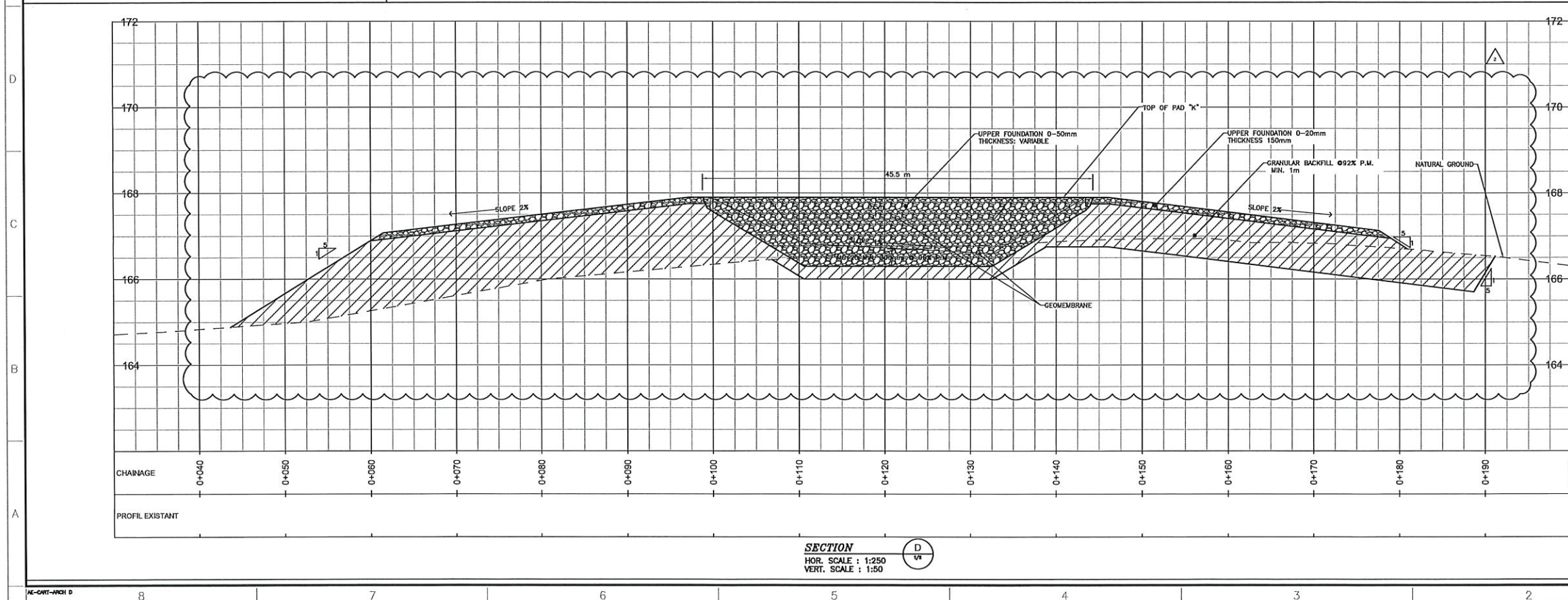
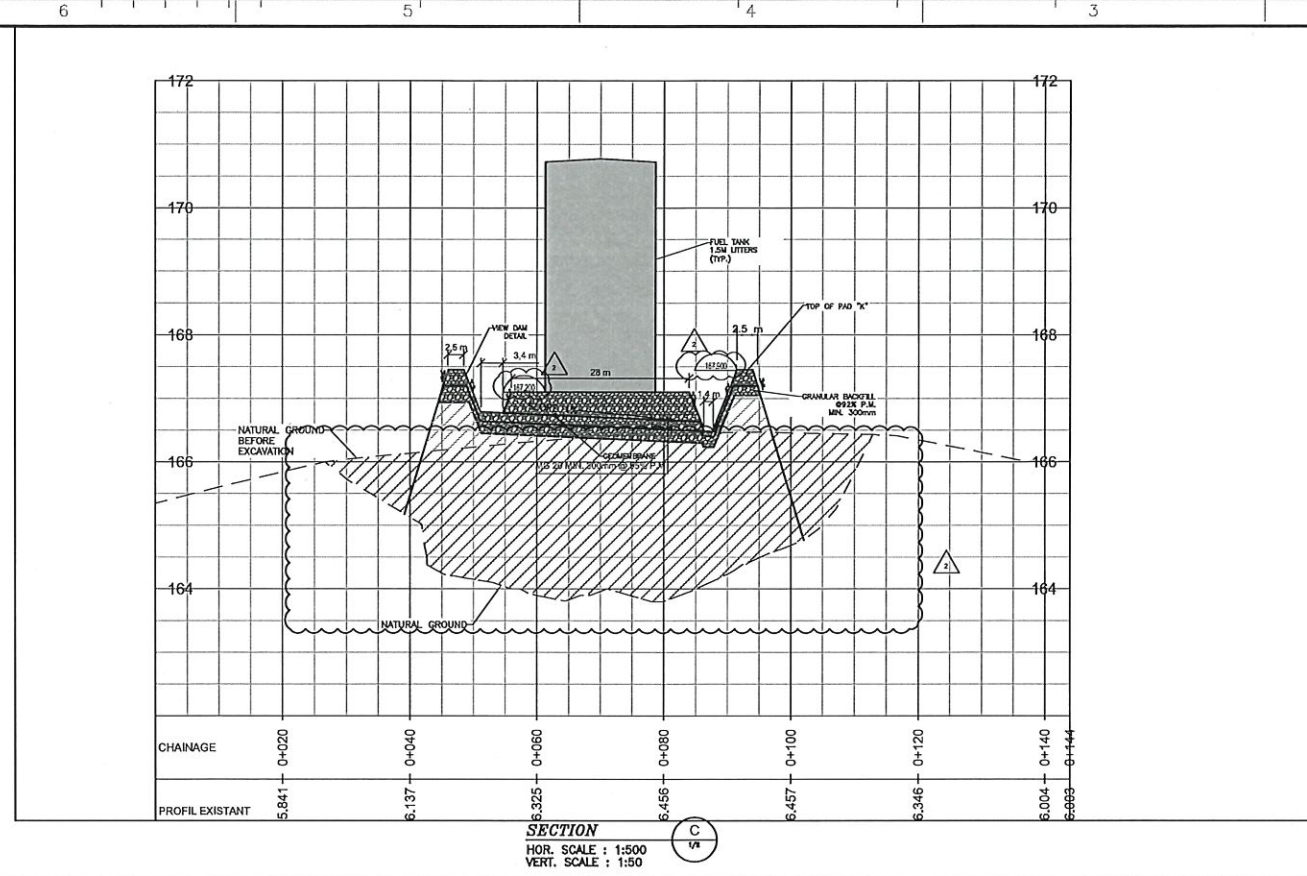
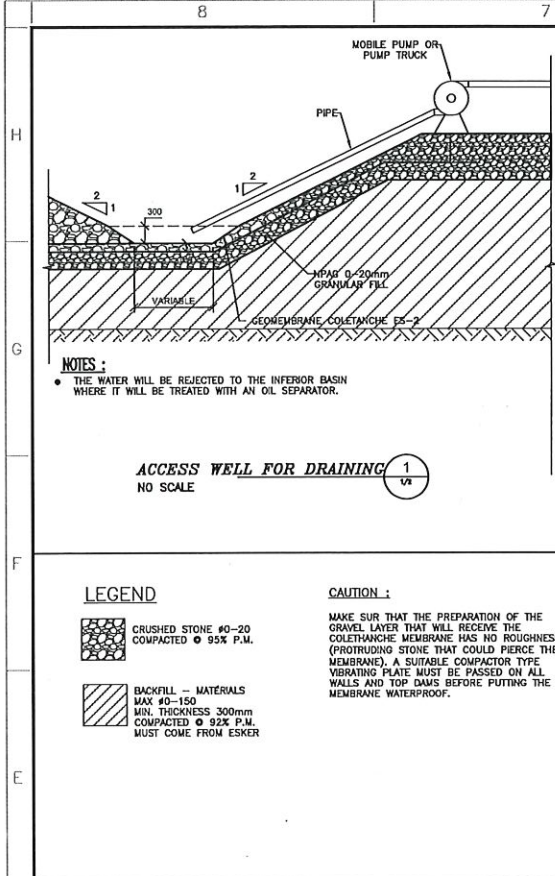


TYPICAL SECTION - DAM
NO SCALE



SECTION

HOR. SCALE : 1:250
VERT. SCALE : 1:250



NOTES GENERAL / GENERAL NOTES

POUR CONSTRUCTION FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2018-10-15

CHANGEMENTS & MODIFICATIONS: ANY CHANGES TO THIS DRAWING MUST BE MADE BY THE DESIGNER AND APPROVED BY THE CLIENT. ANY CHANGES MADE BY THE CLIENT WITHOUT THE DESIGNER'S APPROVAL WILL BE AT THE CLIENT'S RISK.

DESIGNS EN RÉFÉRENCE / REFERENCE DRAWINGS	DATE
ROAD #15	2018-07-11
CLAYTON INSTALLATION	2018-07-11
PAD "K"	2018-07-11

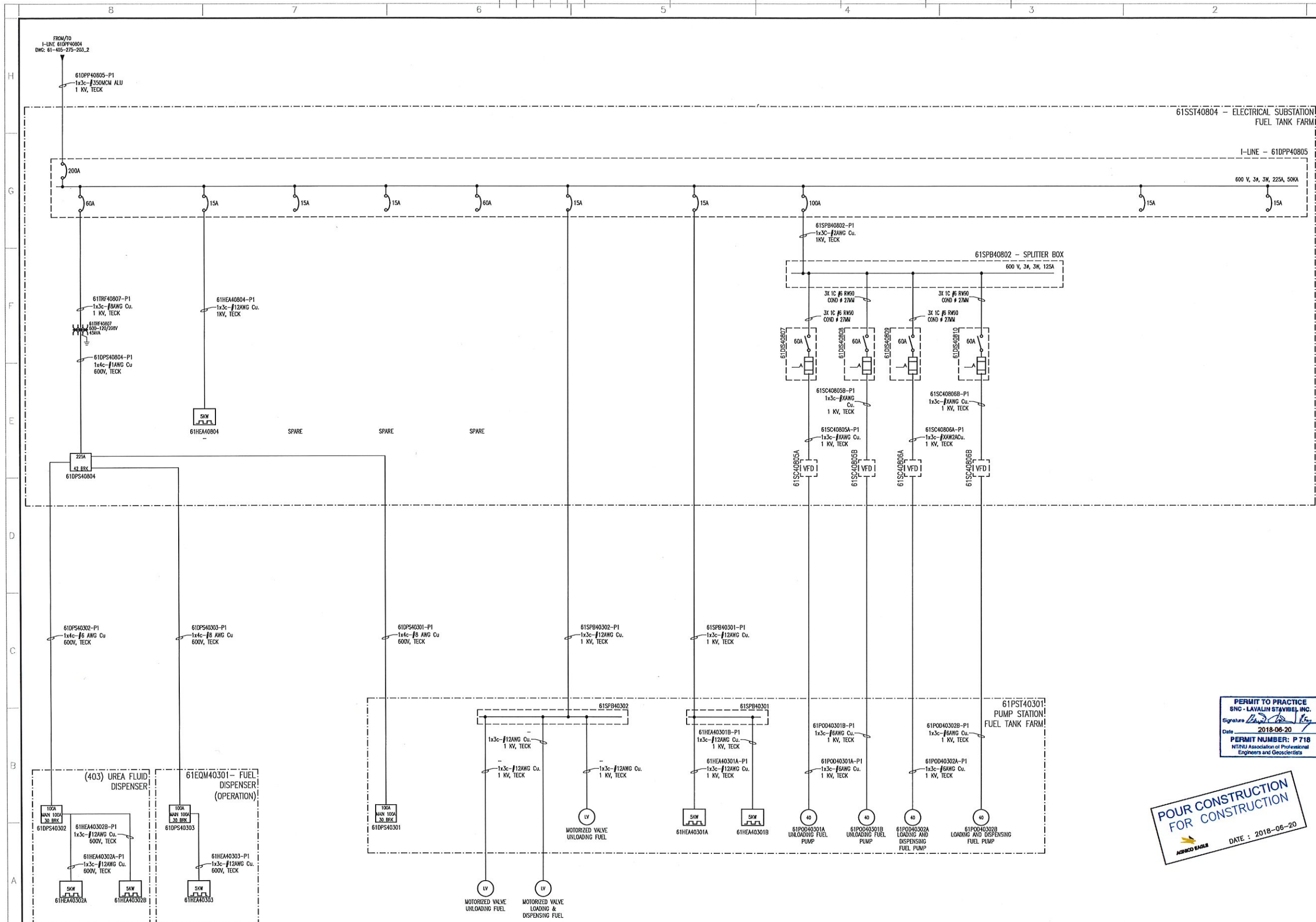
REVISIONS	DATE
1	2018-07-11
2	2018-07-11
3	2018-07-11
4	2018-07-11
5	2018-07-11
6	2018-07-11
7	2018-07-11
8	2018-07-11
9	2018-07-11
10	2018-07-11



AGNICO-EAGLE - WHALE TAIL (AMARUQ)
403 - COMBUSTIBLES
230 - GENERAL EARTH WORKS
CROSS SECTION
FUEL TANK FARM #1 - PAD "K"
RETENTION POND AND PAD "K"

DESIGNED BY	EDOUARD DUPUIS-B., TECH	DATE	2018-06-21
CHECKED BY	RICHARD MARCOUX, ING.	DATE	2018-06-21
APPROVED BY	RICHARD MARCOUX, ING.	DATE	2018-06-21
SCALE	AS SHOWN	DATE	2018-06-21

NO. DESIGN DRAWING NO.	61-403-230-200
NO. PROJECT PROJECT NO.	6115
REVISION	2
FEUILLE / INT	2 / 2

PLAN CLE
KEY PLAN

NOTES GÉNÉRAL / GENERAL NOTES

NOTES-

1. UNLESS OTHERWISE INDICATED ALL CABLES ARE TECK90 1KV TYPE, WITH COPPER CONDUCTOR
2. IN CABLE TRAY, INSTALL THE CABLES WITH A SPACING OF A CABLE DIAMETER.
3. ALL METAL PIPES AND ALL NON-CURRENT CARRYING CONDUCTIVE MATERIALS PARTS OF FIXED OR PORTABLE OF ELECTRICAL EQUIPMENT SHALL BE BONDED TO GROUNDING SYSTEM.
4. BOND ALL STEEL STRUCTURES TO THE GROUNDING SYSTEM.



SNC • LAVALIN

Projct No. : 644819

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TIME / TITLE	# DWG
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4	2018-06-20	ISSUED FOR CONSTRUCTION	S.COOR	B.CHA	
3	2018-05-04	ISSUED FOR CONSTRUCTION	S.COOR	B.CHA	
2	2018-03-26	REVISED FOR TENDER	S.COOR	B.CHA	
1	2018-03-09	REVISED FOR TENDER	S.COOR	B.CHA	
0	2018-03-07	ISSUED FOR TENDER	S.COOR	B.CHA	
REV.	DATE	DESCRIPTION	PAR/PM	APP.	CLIENT

REVISIONS

DOCUMENT SIGNÉ NUMÉRIQUEMENT



2018-09-28

TITLE / TITLE

AGNICO EAGLE - AMARUQ
403 - COMBUSTIBLES
275 - POWER ELECTRICAL
SINGLE LINE DIAGRAM
600V DISTRIBUTION - FUEL TANK FARM
ELECTRICAL SUBSTATION - 61SST40804

DESIGN PAR DRAWN BY	DONALD PELLERIN, TECH.	DATE	2018-02-08
VERIFIÉ PAR CHECKED BY	BENOIT CHARTRAND P.ENG.	DATE	2018-02-08
APPROUVE PAR APPROVED BY	BENOIT CHARTRAND P.ENG.	DATE	2018-03-07
ÉCHELLE SCALE	1:1	DATE	2018-02-08

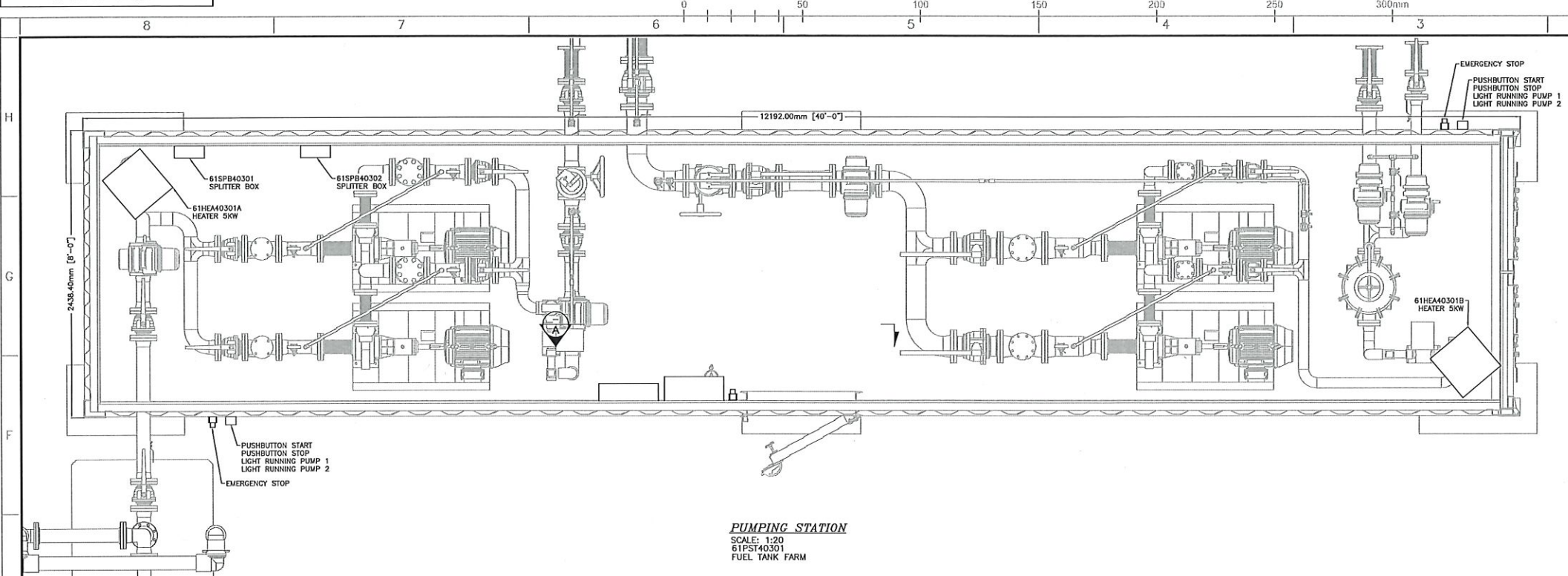
NO. DESSIN
DRAWING NO. 61-403-275-200

NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHEET
6115	4	1 / 1

**POUR CONSTRUCTION
FOR CONSTRUCTION**

 **ACMECO EAGLE**

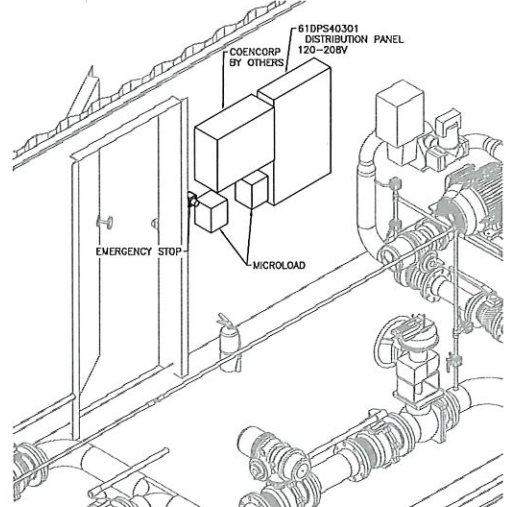
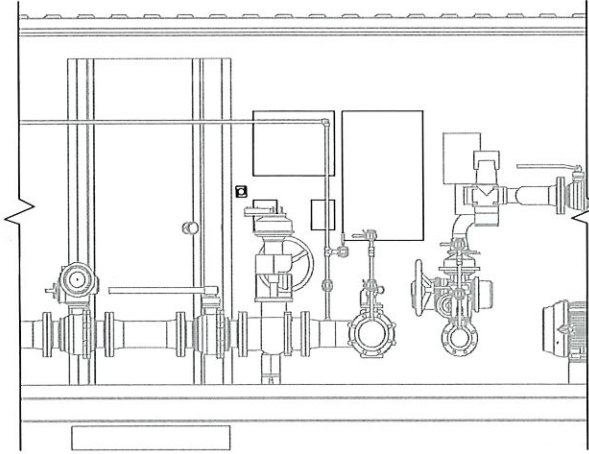
DATE : 2018-06-



**POUR CONSTRUCTION
FOR CONSTRUCTION**

AGNICO EAGLE

DATE : 2018-06-20



PLAN 01
KEY PLAN

NOTES GÉNÉRALES / GENERAL NOTES

- NOTES:
1. ALL METAL PIPES AND ALL NON-CURRENT CARRYING CONDUCTIVE MATERIALS PARTS OF FIXED OR PORTABLE OF ELECTRICAL EQUIPMENT SHALL BE BONDED TO GROUNDING SYSTEM.
 2. BOND ALL STEEL STRUCTURES TO THE GROUNDING SYSTEM.



SNC-Lavalin
150, rue Germaine
Rouyn-Noranda (Québec) J8K 2P7
Tel: 819 767-0181 Fax: 819 767-0158
www.snc-lavalin.com

Project #: 644819-0000

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NO.	TITLE / TITRE	DATE
1	SINGLE LINE DIAGRAM - BODY DISTRIBUTION	61-403-275-200
2		
3		
4		
5		



REV.	DATE	DESCRIPTION	PREPARED BY	APPROVED BY
2	2018-06-20	ISSUED FOR CONSTRUCTION	SLOAN BLOCH	
1	2018-04-18	ISSUED FOR CONSTRUCTION	SLOAN BLOCH	
0	2018-03-05	ISSUED FOR TENDER	SLOAN BLOCH	

REVISIONS



AGNICO EAGLE - WHALE TAIL (AMARUQ)
403 - COMBUSTIBLES
275 - POWER ELECTRICAL
PLAN, SECTION AND DETAILS
FUEL TANK FARM
61PST40301 - PUMPING STATION

DESIGNED BY	SABRINA CORBEIL, TECH.	DATE	2018-02-27
CHECKED BY	BENOIT CHARTRAND P.ENG.	DATE	2018-03-05
APPROVED BY	BENOIT CHARTRAND P.ENG.	DATE	2018-03-05

SCALE AS SHOWN DATE 2018-02-27

NO. DSSN
DRAWING NO. 61-403-275-201

NO. PROJECT	REVISION	FEUILLE / SHEET
6115	2	1 / 1



POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2018-07-18



NOTES GENERAL / GENERAL NOTES

- LEGEND
- BURIED STRANDED TINNED BARE COPPER CONDUCTOR #4/0 AWG
 - SURFACE STRANDED TINNED BARE COPPER CONDUCTOR #4/0 AWG

- NOTES
- THE PERIMETER GROUND CONDUCTORS MUST BE DIRECTLY BURIED IN CONCRETE SOIL AT LEAST 600mm BELOW FINISHED GRADE AND AT 1000mm DISTANCE OF BUILDINGS.
 - THE EXACT LOCATION AND QUANTITY OF GROUND PLATE MUST BE COORDINATED AT FIELD. ADD RODS UNTIL THE GROUND ELECTRODE RESISTANCE TO EARTH IS 4 OHM.
 - ALL THE TRENCH MUST BE COORDINATED WITH THE OTHERS DISCIPLINE.
 - THE PERIMETER GROUND CONDUCTOR OF THE TANK MUST NOT EXCEED THE GEOMEMBRANE.

SNC-LAVALIN
SNC-Lavalin Stavel Inc.
150, rue Garbelle Ouest
Rouville, Nouveau Brunswick, Canada E2B 2G7
Tel : 819 744-8181 Fax : 819 744-3158
www.snc-lavalin.com

Projet No. : 644819

LES PROPRIETAIRES ET/OU LEURS AGENTS SONT RESPONSABLES DE LA VERIFICATION DES DONNEES ET DES REQUISITS. LES INGENIEURS SONT RESPONSABLES DE LA CONFORMITE AVEC LES NORMES EN VIGUEUR. LES INGENIEURS SONT RESPONSABLES DE LA CONFORMITE AVEC LES NORMES EN VIGUEUR. LES INGENIEURS SONT RESPONSABLES DE LA CONFORMITE AVEC LES NORMES EN VIGUEUR.

DESSINS EN REFERENCE / REFERENCE DRAWINGS

NO.	TITRE / TITLE	DATE
1	777	2018-07-18
2	785	2018-07-18
3	785	2018-07-18
4	785	2018-07-18
5	785	2018-07-18
6	785	2018-07-18
7	785	2018-07-18
8	785	2018-07-18
9	785	2018-07-18
10	785	2018-07-18



PERMIT TO PRACTICE
SNC - LAVALIN STAVEL INC.
Signature: [Signature]
Date: 2018-07-18
PERMIT NUMBER: P 718
NTNU Association of Professional Engineers and Geoscientists

REV.	DATE	DESCRIPTION	APP.	APP.	DATE
1	2018-07-18	ISSUED FOR CONSTRUCTION	D.P.	B.C.	
2	2018-08-20	ISSUED FOR CONSTRUCTION	D.P.	B.C.	



TITRE / TITLE
AGNICO EAGLE - AMARUQ
403 - COMBUSTIBLE
275 - POWER ELECTRICAL
ARRANGEMENT
FUEL TANK FARM
GROUNDING

DESSEIN PAR
DRAWING BY
DONALD PELLERIN, TECH.
2018-06-20

VERIFIE PAR
CHECKED BY
BENOIT CHARTRAND, P.ENG.
2018-06-20

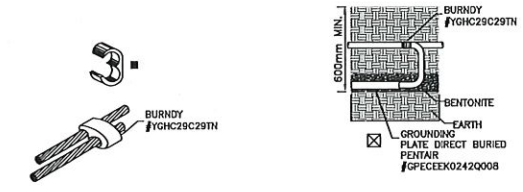
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APPROVED BY
BENOIT CHARTRAND, P.ENG.
2018-06-20

EDUCATION
SCALE
N/A
DATE
2018-06-20

NO. DESSIN
DRAWING NO.
61-403-275-203

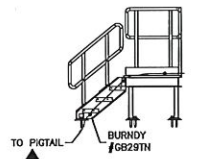
NO. PROJET
PROJECT NO.
6115

REVISION
FEUILLE / SHEET
1 / 1

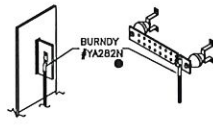


C-TAPS
SCL: NTS
CONDUCTOR TO CONDUCTOR
CONNECTOR

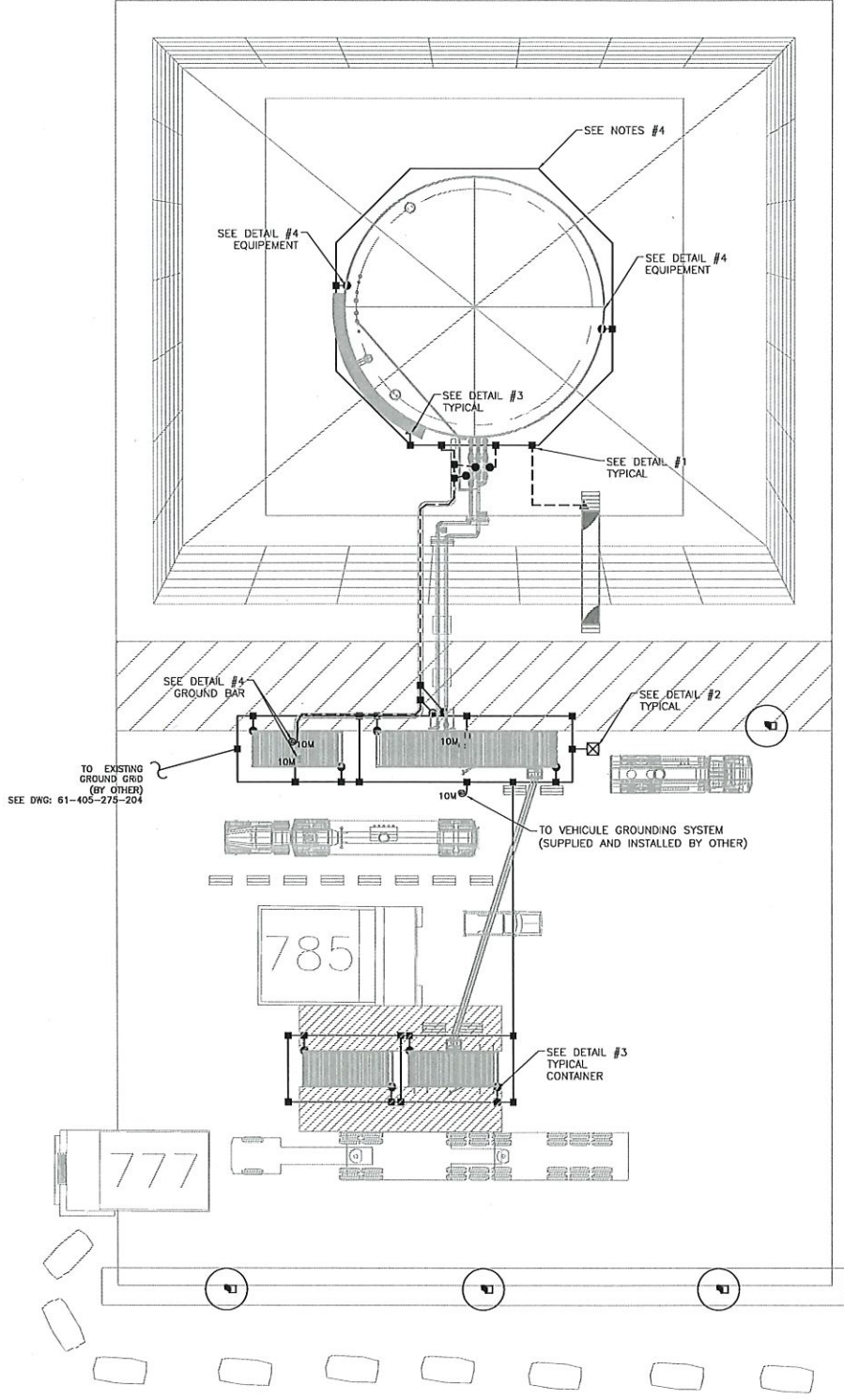
GROUNDING PLATE
SCL: NTS



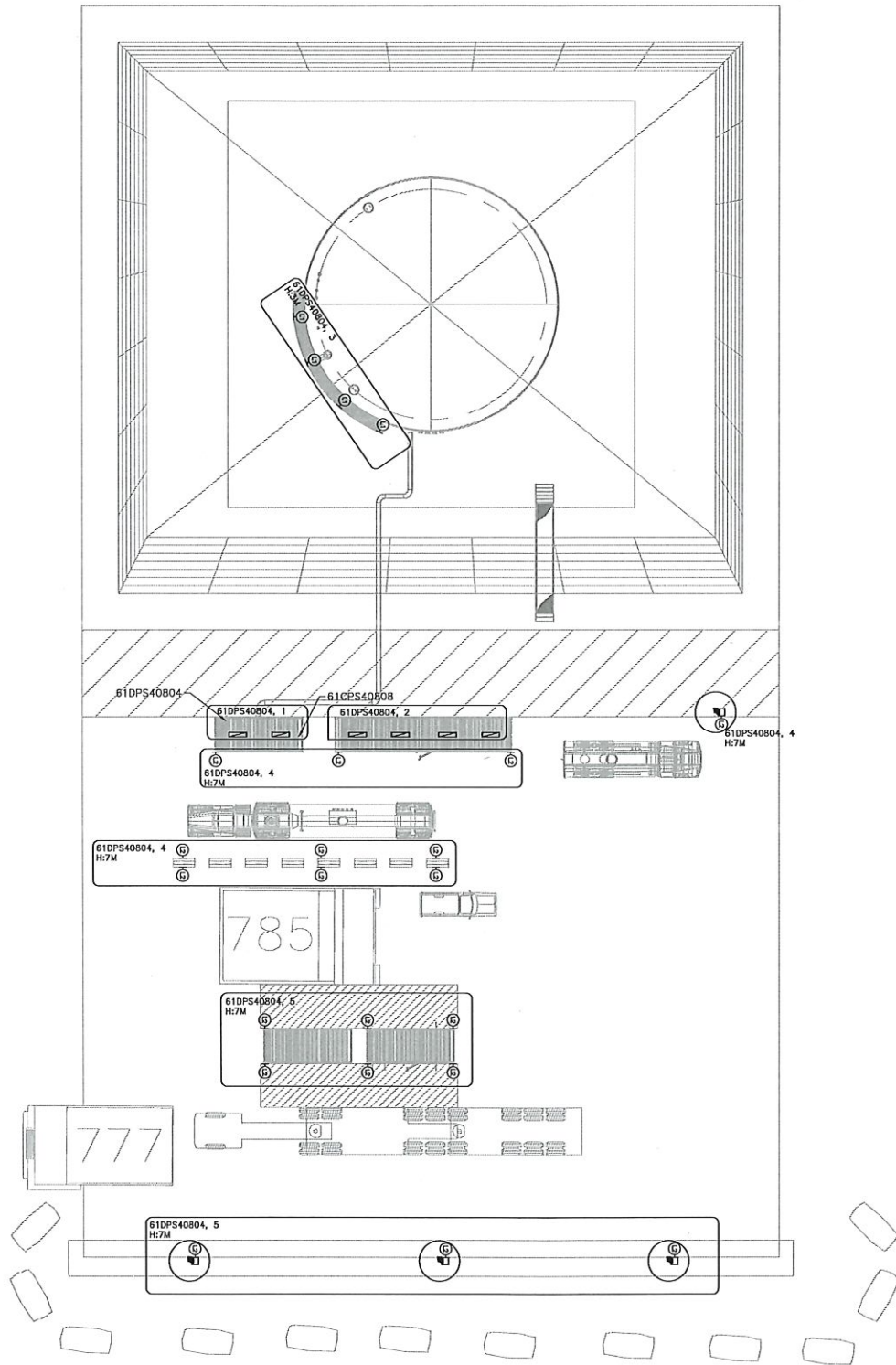
STAIRS
SCL: NTS



LUG YA-28
SCL: NTS
& EQUIPMENT
CONTAINER, GROUND BAR



H
G
F
E
D
C
B
A



POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2018-08-20



NOTES GENERAL / GENERAL NOTES

- AREA LIGHT
DALIGHT H20W2G & H2XW7
- AREA LIGHT
19 319 LUMENS, 120-277V, 30K
LITHONIA
KAX1 LED P4 30K R4 MVOLT SPA DBLXD

SNC-Lavalin
SNC-Lavalin Staveland Inc.
100, rue Garbelle Ouest
Riverview, Ontario (Canada) J8K 2B7
Tel : 819 764-8181 Fax : 819 767-3158
www.snc-lavalin.com

Projet No. : 644819

CONTRACTOR'S NOTE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

NO.	TITLE	DATE
1	61-403-285-200_R0	2018-08-20



REV.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
0	2018-08-20	ISSUED FOR CONSTRUCTION	D.P.	B.C.	



PERMIT TO PRACTICE
SNC - LAVALIN STAVELAND INC.
Signature: [Signature]
Date: 2018-08-20
PERMIT NUMBER: P 718
NTNU Association of Professional
Engineers and Geoscientists

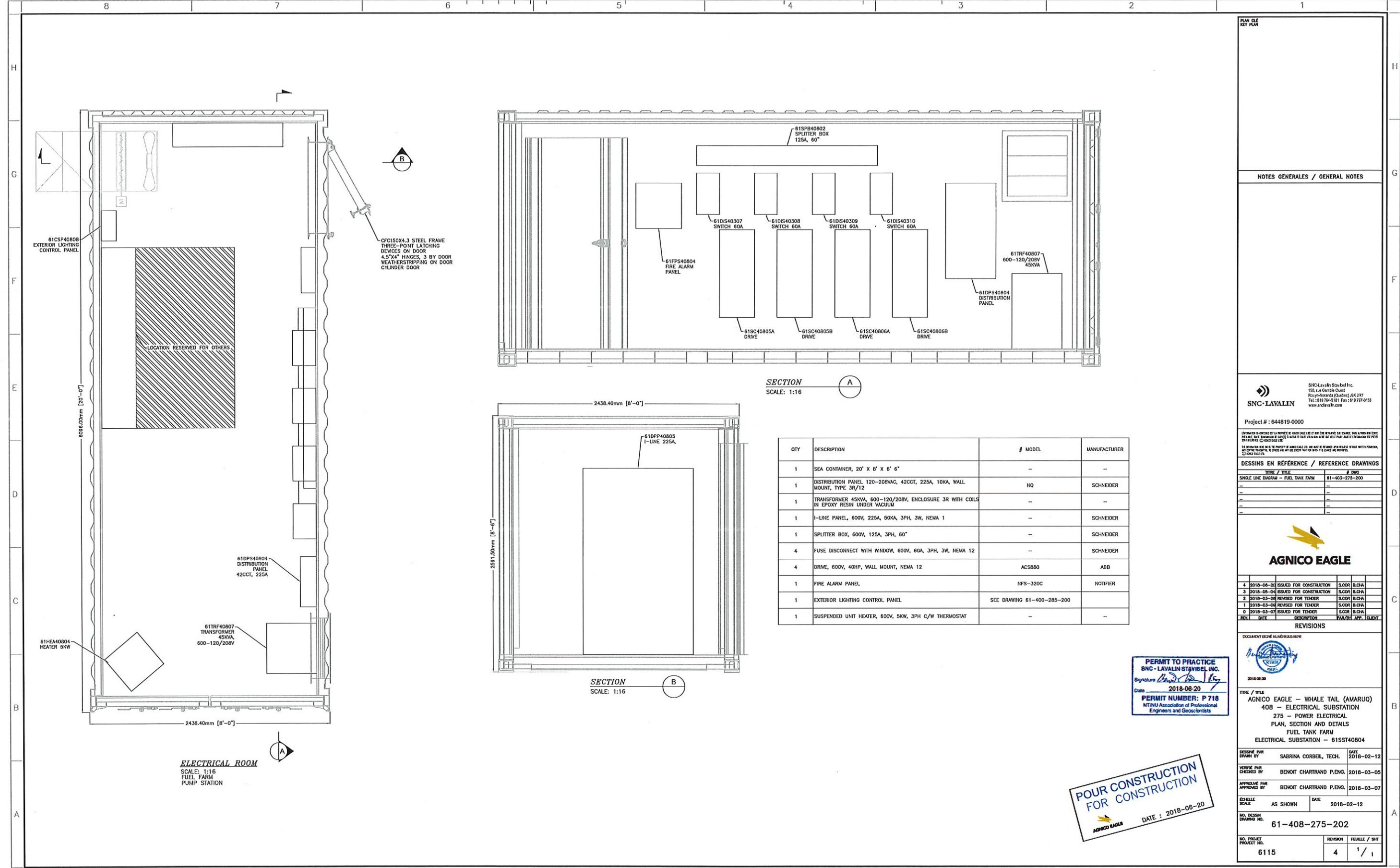
AGNICO EAGLE - AMARUQ
403 - COMBUSTIBLE
285 - SERVICE ELECTRICAL - LIGHT AND DISTRIBUTION
ARRANGEMENT
FUEL TANK FARM
LIGHTING LAYOUT

DESIGNED BY: DONALD PELLERIN, TECH. DATE: 2018-08-20
CHECKED BY: BENOIT CHARTRAND, P.ENG. DATE: 2018-08-20
APPROVED BY: BENOIT CHARTRAND, P.ENG. DATE: 2018-08-20

EDUCATION: N/A DATE: 2018-08-20

NO. 65336
DRAWING NO. 61-403-285-200

NO. PROJECT: 6115
REVISION: 0
FEUILLE / SHEET: 1 / 1



QTY	DESCRIPTION	# MODEL	MANUFACTURER
1	SEA CONTAINER, 20' X 8' X 8' 6"	—	—
1	DISTRIBUTION PANEL 120-208VAC, 42CCT, 225A, 10KA, WALL MOUNT, TYPE 3R/12	NQ	SCHNEIDER
1	TRANSFORMER 45KVA, 600-120/208V, ENCLOSURE 3R WITH COILS IN EPOXY RESIN UNDER VACUUM	—	—
1	I-LINE PANEL, 600V, 225A, 50KA, 3PH, 3W, NEMA 1	—	SCHNEIDER
1	SPLITTER BOX, 600V, 125A, 3PH, 60"	—	SCHNEIDER
4	FUSE DISCONNECT WITH WINDOW, 600V, 60A, 3PH, 3W, NEMA 12	—	SCHNEIDER
4	DRIVE, 600V, 40HP, WALL MOUNT, NEMA 12	ACS880	ABB
1	FIRE ALARM PANEL	NFS-320C	NOTIFIER
1	EXTERIOR LIGHTING CONTROL PANEL	SEE DRAWING 61-400-285-200	
1	SUSPENDED UNIT HEATER, 600V, 5KW, 3PH C/W THERMOSTAT	—	—

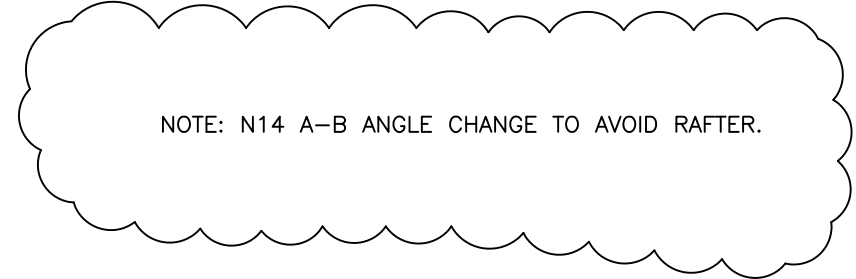
PERMIT TO PRACTICE
SNC - LAVALIN STAVIBEL INC.
Signature *[Signature]*
Date **2018-08-20**
PERMIT NUMBER: P 718
NTNU Association of Professional
Engineers and Geoscientists

**POUR CONSTRUCTION
FOR CONSTRUCTION**

 **AHSBC EAGLE**

DATE : 2018-06-20

NOTES GÉNÉRALES / GENERAL NOTES																																							
SNC-LAVALIN SNC-Lavalin Stantec Inc. 150, La Gentile Ouest Rouyn-Orbigny (Québec) J8C 2K7 Tel.: (819) 766-5181 Fax: (819) 767-0158 www.snlavalin.com Project # : 644819-0000																																							
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TITLE / TITRE AGNICO EAGLE - WHALE TAIL (AMARUO) 408 - ELECTRICAL SUBSTATION 275 - POWER ELECTRICAL PLAN, SECTION AND DETAILS FUEL TANK FARM ELECTRICAL SUBSTATION - 61ST40804																																							
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6115	4 / 1																																						



NOTES:
1) ROOF DIMENSIONS ARE HORIZONTAL DISTANCE FROM OUTSIDE SHELL.

ORIENTATION

STAMP

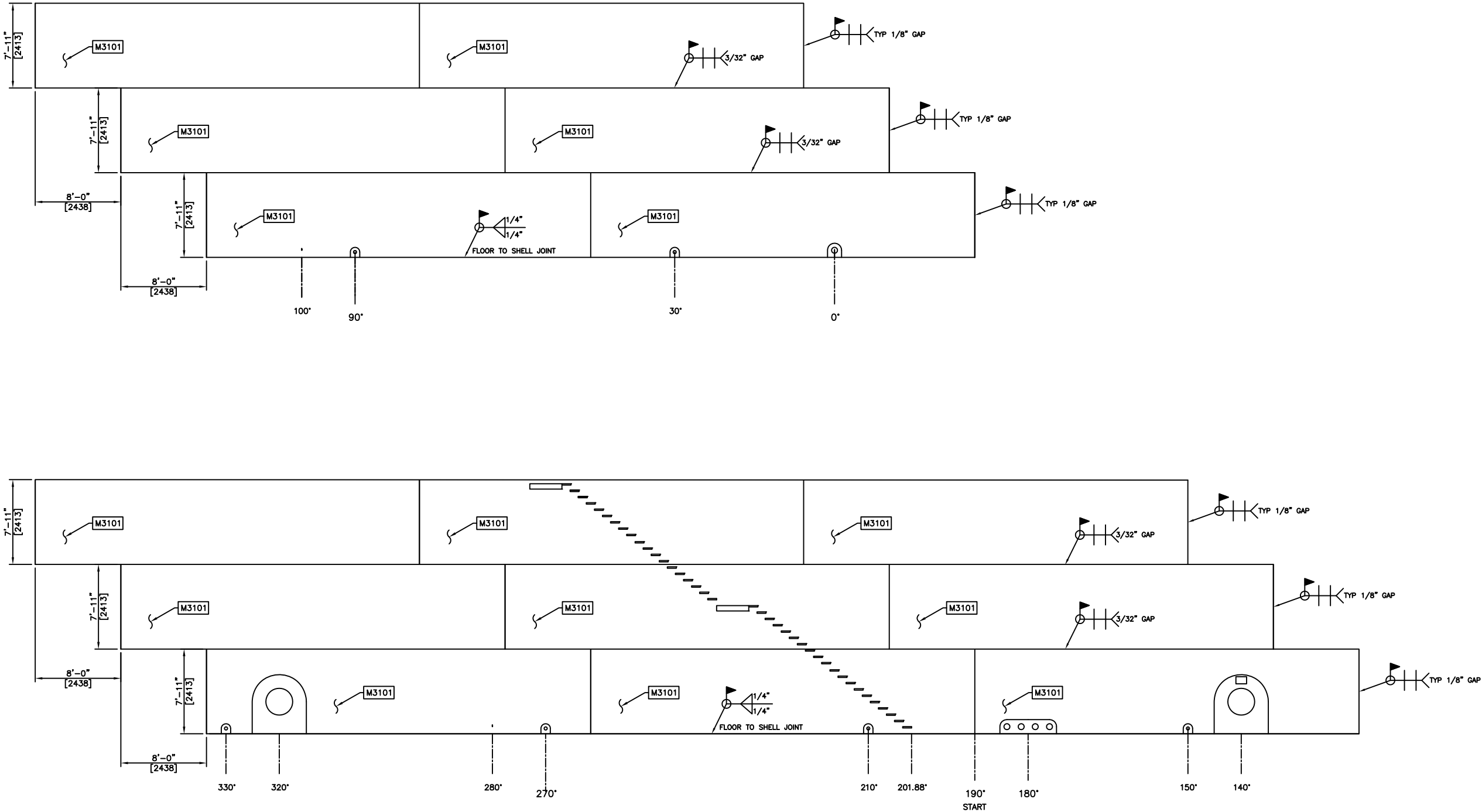
Dany Laflamme

Signature
numérique de
Dany Laflamme
DN : cn=Dany
Laflamme
Date :
2018.06.04
12:14:53 -04'00'

					K BROWN CONTRACTING LTD.				
					DWG TITLE				
					GENERAL ARRANGEMENT – ORIENTATION				
					PROJECT				
					AEM AMARUQ 1.5M LITER TANK				
B	31-MAY-18	ME	KB	ISSUED FOR APPROVAL					
A	19-MAY-18	ME	KB	ISSUED FOR APPROVAL					
REV.	DATE	DRWN.	APP'D.	DESCRIPTION	SCALE:	CLIENT:	DWG No	SHEET	Rev.
					3/32" = 1'-0"	MOSHER ENGINEERING	313-M2	2 OF 2	B
REVISIONS					THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.				

BILL OF MATERIALS					
MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #s
M3101	15	PLATE 5/16" THK x 7'-11" x 35'-10 53/64"	G40.21-260WT	YES	3,627 EACH

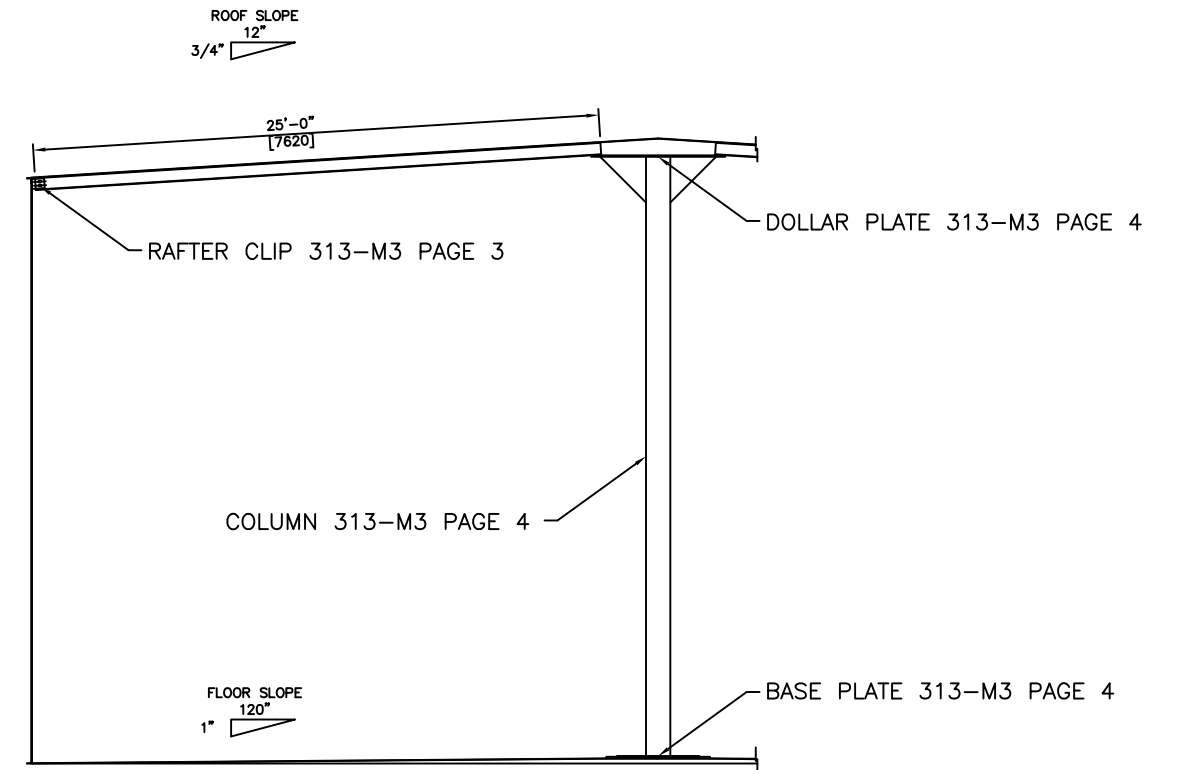
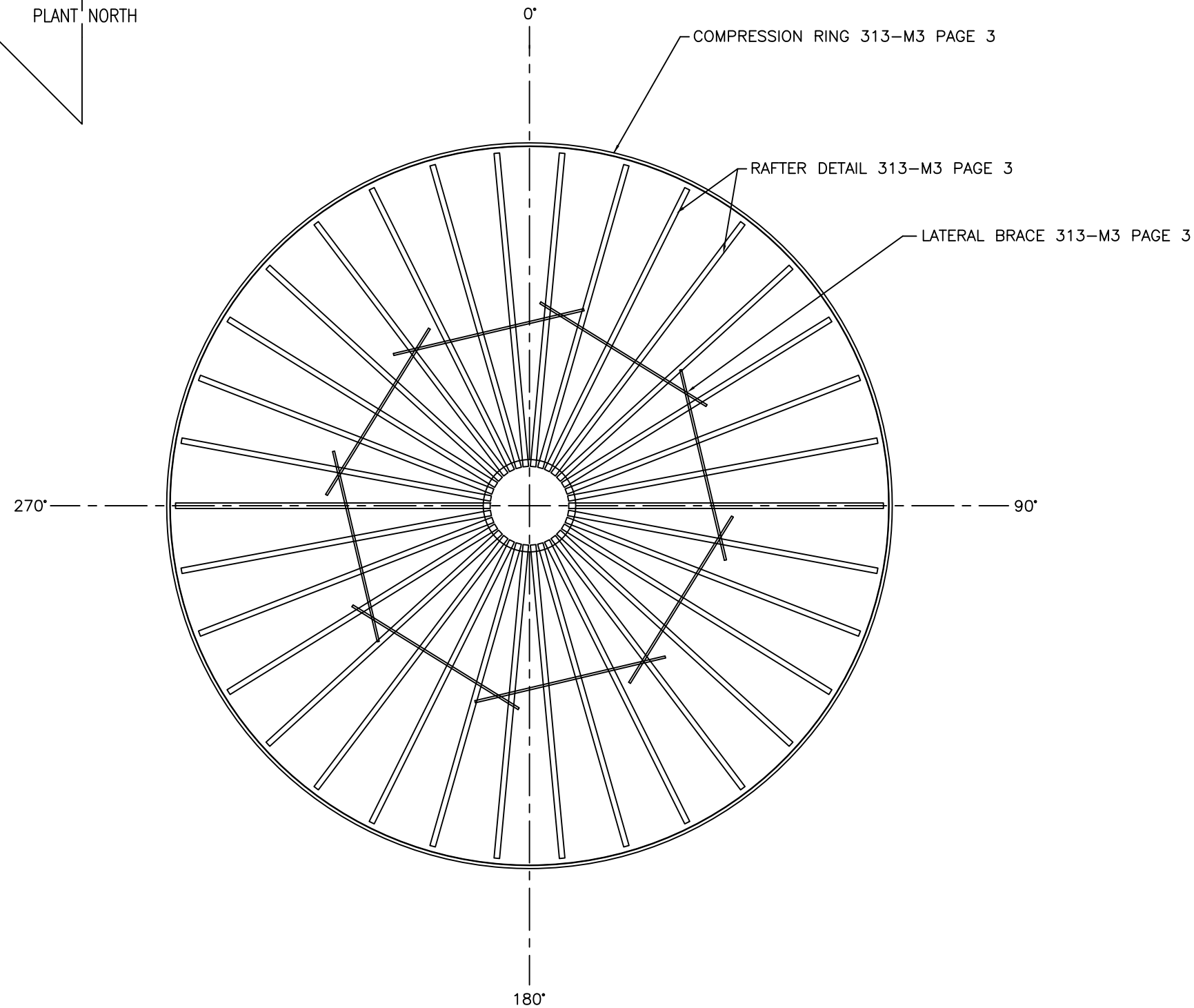
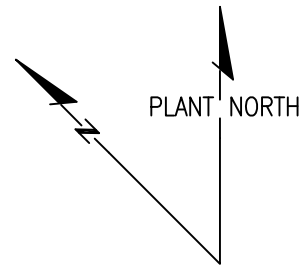
MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.



SHELL LAYOUT DETAIL

- NOTES:
- 1) SHELL PLATE DOES NOT REQUIRE SHAPING (ROLLING) PER API-650 FIGURE 6.1.
 - 2) ALL SHELL PLATE SHALL BE API-650 GROUP III SPECIFICATIONS, 260W FK&FG.
 - 3) ALL SHELL PLATE SHALL BE STACKED WITH COMMON CENTER LINE.
 - 4) THE INITIAL INSIDE WELD PASS OF THE SHELL TO FLOOR JOINT SHALL HAVE ALL SLAG REMOVED FROM THE SURFACE OF THE WELD AND EXAMINED FOR ITS ENTIRE CIRCUMFERENCE BOTH VISUALLY AND MPI.
 - 5) RT EXAMINATION OF FULL PENETRATION SQUARE BUTT WELDS, REFER TO RT STRETCH OUT DRAWING.
 - 6) THE REVERSE SIDE OF DOUBLE WELDED SQUARE BUTT JOINTS SHALL BE THOROUGHLY CLEANED BY GRINDING BEFORE WELDING.

STAMP Dany Laflamme Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:56:13 -04'00'					K BROWN CONTRACTING LTD.										
					DWG TITLE SHELL PLATE DETAIL										
					PROJECT AEM AMARUQ 1.5M LITER TANK										
					SCALE:	CLIENT:	DWG No	SHEET	Rev.						
	A	20-MAY-18	ME	KB	ISSUED FOR APPROVAL					3/32" = 1'-0"	MOSHER ENGINEERING	313-M3	1 OF 4	A	
	REV.	DATE	DRWN.	APP'D.	DESCRIPTION										
	REVISIONS					THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.									



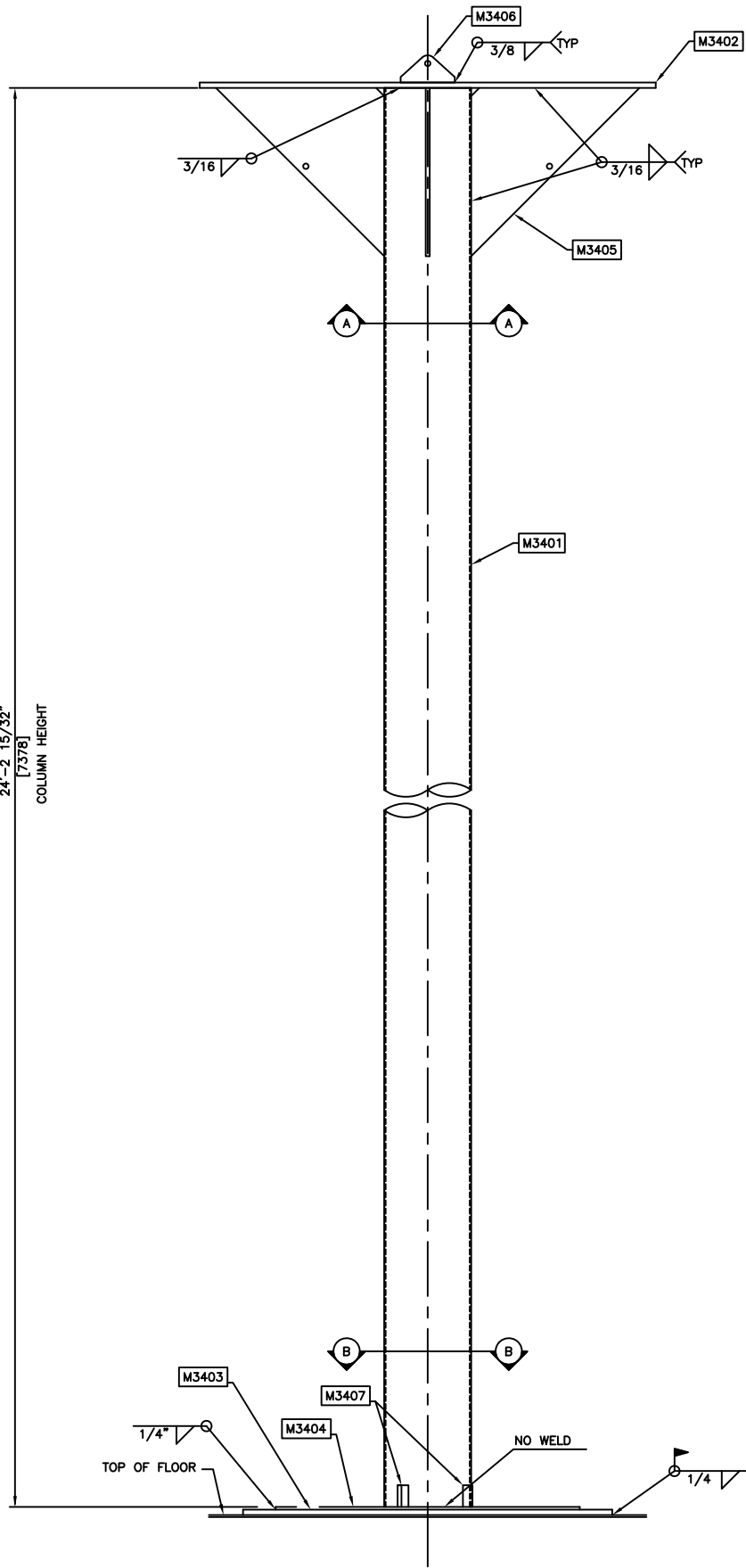
ELEVATION VIEW

NOTES:
1) ROOF PLATE SHALL NOT BE WELDED TO THE RAFTERS.

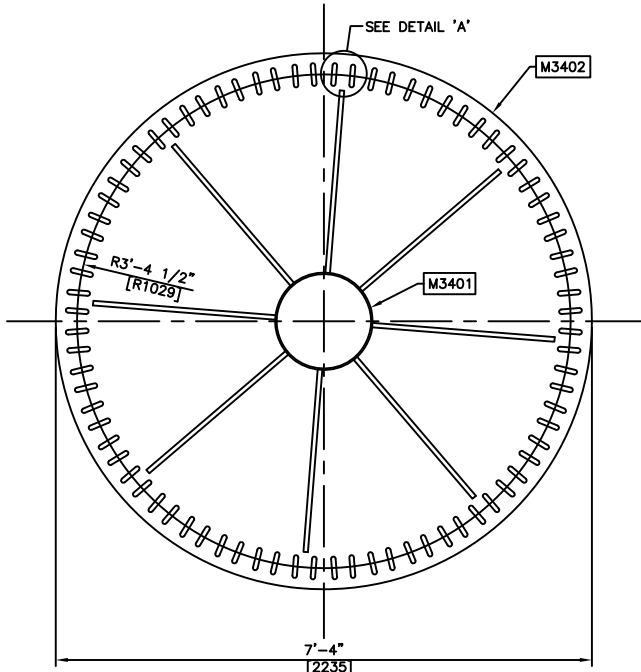
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Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:56:49 -04'00'				DWG TITLE RAFTER AND COLUMN LAYOUT			
				PROJECT AEM AMARUQ 1.5M LITER TANK			
A 21-MAY-18 ME KB ISSUED FOR APPROVAL				SCALE: 3/32" = 1'-0"			
REV.	DATE	DRWN.	APP'D.	DESCRIPTION	CLIENT: MOSHER ENGINEERING	DWG No 313-M3	SHEET 2 OF 4
				REVISIONS	THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.		

24'-2 15/32"
[7378]

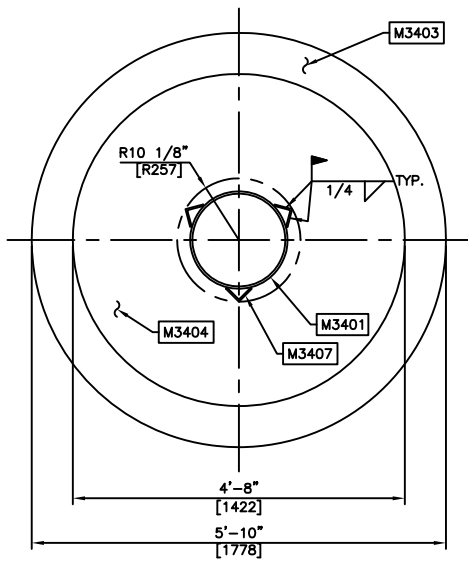
COLUMN HEIGHT



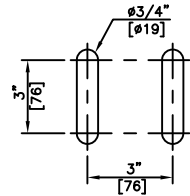
CENTRE COLUMN - ELEVATION VIEW



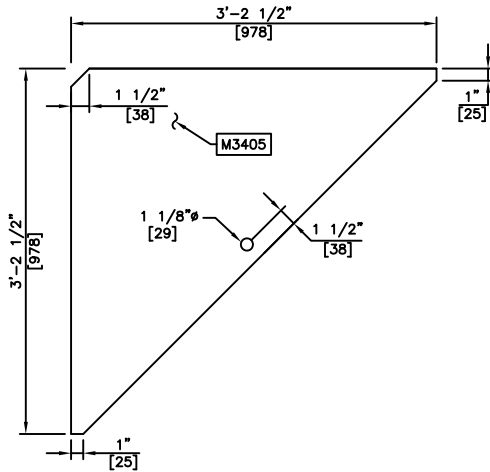
VIEW A-A - DOLLAR PLATE DETAIL



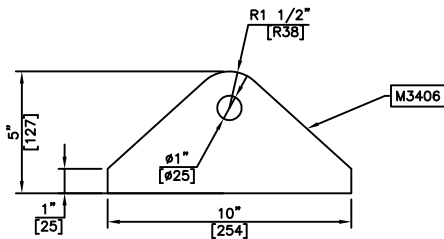
VIEW B-B - BASE PLATE DETAIL



DETAIL 'A'
TYPICAL (40) LOCATIONS EQUALLY SPACED



GUSSET DETAIL
2X's DRAWING SCALE



LIFT LUG DETAIL
4X's DRAWING SCALE

BILL OF MATERIALS

MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #s
M3401	1	PIPE 16"Ø 0.375 WALL x 24'-2 15/32" LG	A-500C	NO	1520
M3402	1	PLATE 1" THK x 7'-4" OD	G40.21-260W	NO	1725
M3403	1	PLATE 1" THK x 5'-10" OD	G40.21-260W	NO	1091
M3404	1	PLATE 3/4" THK x 4'-8" OD	G40.21-260W	NO	524
M3405	8	PLATE 3/8" THK x 3'-2 1/2" WD x 3'-2 1/2" LG	G40.21-260W	NO	630
M3406	1	PLATE 1/2" THK x 5" WD x 10" LG	G40.21-260W	NO	5
M3407	3	ANGLE 3" x 3" x 1/4" - 6" LG	G40.21-300W	NO	10
TOTAL WEIGHT					5505 LBS

MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.

- NOTES:
- 1) ALIGN CENTER COLUMN DOLLAR PLATE SLOTS TO RAFTER LAYOUT.
 - 2) BASE PLATE DESIGNED TO A SOIL BEARING CAPACITY OF 30 PSI.

STAMP Dany Lafamme Signature numérique de Dany Lafamme DN : cn=Dany Lafamme Date : 2018.05.24 10:57:51 -04'00'						K BROWN CONTRACTING LTD.							
							DWG TITLE						
							COLUMN DETAILS						
							PROJECT						
							AEM AMARUQ 1.5M LITER TANK						
							SCALE:		CLIENT:		DWG No	SHEET	Rev.
							3/8" = 1'-0"		MOSHER ENGINEERING		308-M3	4 OF 4	A
							THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.						

A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL	
REV.	DATE	DRAWN	APP'D.	DESCRIPTION	
REVISIONS					



STAIR ORIENTATION

ELEVATION AT BOTTOMELEVATION AT PLATFORM STARTELEVATION AT PLATFORM END[illegible]

MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.

NOTES:

- NOTES:
- 1) NO MID RAIL OR TOE RAIL ON THE STAIR RAILING.
 - 2) STAIR DESIGN LIMITED TO 400 LBS WORKING LOAD PER STAIR.
 - 3) STAIR TREADS C/W END PLATE ON BOTH SIDES.

STAMP

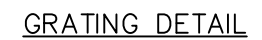
Dany Signature
Lafla numérique de
mme Dany Laflamme
DN : cn=Dany
Laflamme
Date :
2018.05.24
10:58:23 -04'00

Signature
numérique de
Dany Laflamme
DN : cn=Dany
Laflamme
Date :
2018.05.24
10:58:23 -04'00

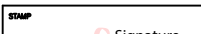
				K BROWN CONTRACTING LTD. DWG TITLE STAIRWAY DETAIL PROJECT AEM AMARUQ 1.5M LITER TANK			
A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL			
REV.	DATE	DRWN.	APP'D.	DESCRIPTION			
REVISIONS				SCALE: 3/8" = 1'-0" CLIENT: MOSHER ENGINEERING DWG No 313-M5 SHEET 1 OF 3 Rev. A			
				THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.			

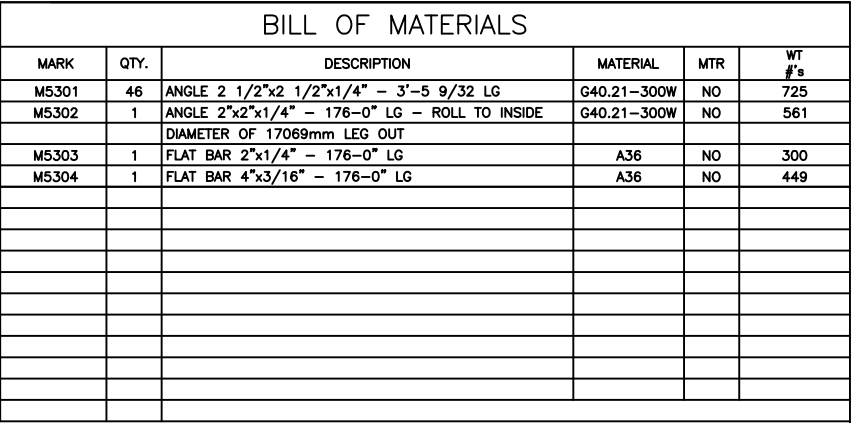


MATERIAL FOR ONE(1) SHOWN, TWO(2) REQUIRED.

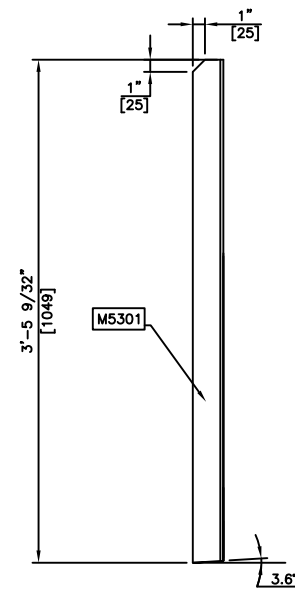


- 1) INSTALL GRATING WITH TYPE 'D' SADDLE CLIPS - MINIMUM 4.
- 2) PLATFORM DESIGN LIMITED TO 1000 LBS WORKING LOAD.
- 3) MID PLATFORM HAS HANDRAIL ON OUTSIDE EDGE ONLY & 4 LESS M5206.

 Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018:05:24 10:58:48 -04'00'						K BROWN CONTRACTING LTD.					
							DWG TITLE PLATFORM DETAIL				
							PROJECT AEM AMARUQ 1.5M LITER TANK				
	A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL						
REV.	DATE	DRWN.	APP'D.	DESCRIPTION			SCALE:	CLIENT:	DWG No	SHEET	Rev.
							3/4" = 1'-0"	MOSHER ENGINEERING	313-M5	2 OF 3	A
REVISIONS							THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.				



MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.



M5301 DETAIL

SIDE ELEVATION VIEW

NOTES:
1) TAPER BOTTOM OF M5301 TO MATCH ROOF PLATE SLOPE.

STAMP Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:59:18 -04'00'						K BROWN CONTRACTING LTD.							
							DWG TITLE 360° ROOF HANDRAIL						
							PROJECT AEM AMARUQ 1.5M LITER TANK						
							SCALE: 3/4" = 1'-0"		CLIENT: MOSHER ENGINEERING		DWG No 313-M5	SHEET 3 OF 3	Rev. A
	A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL								
	REV.	DATE	DRAWN	APP'D.	DESCRIPTION								
	REVISIONS										THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.		