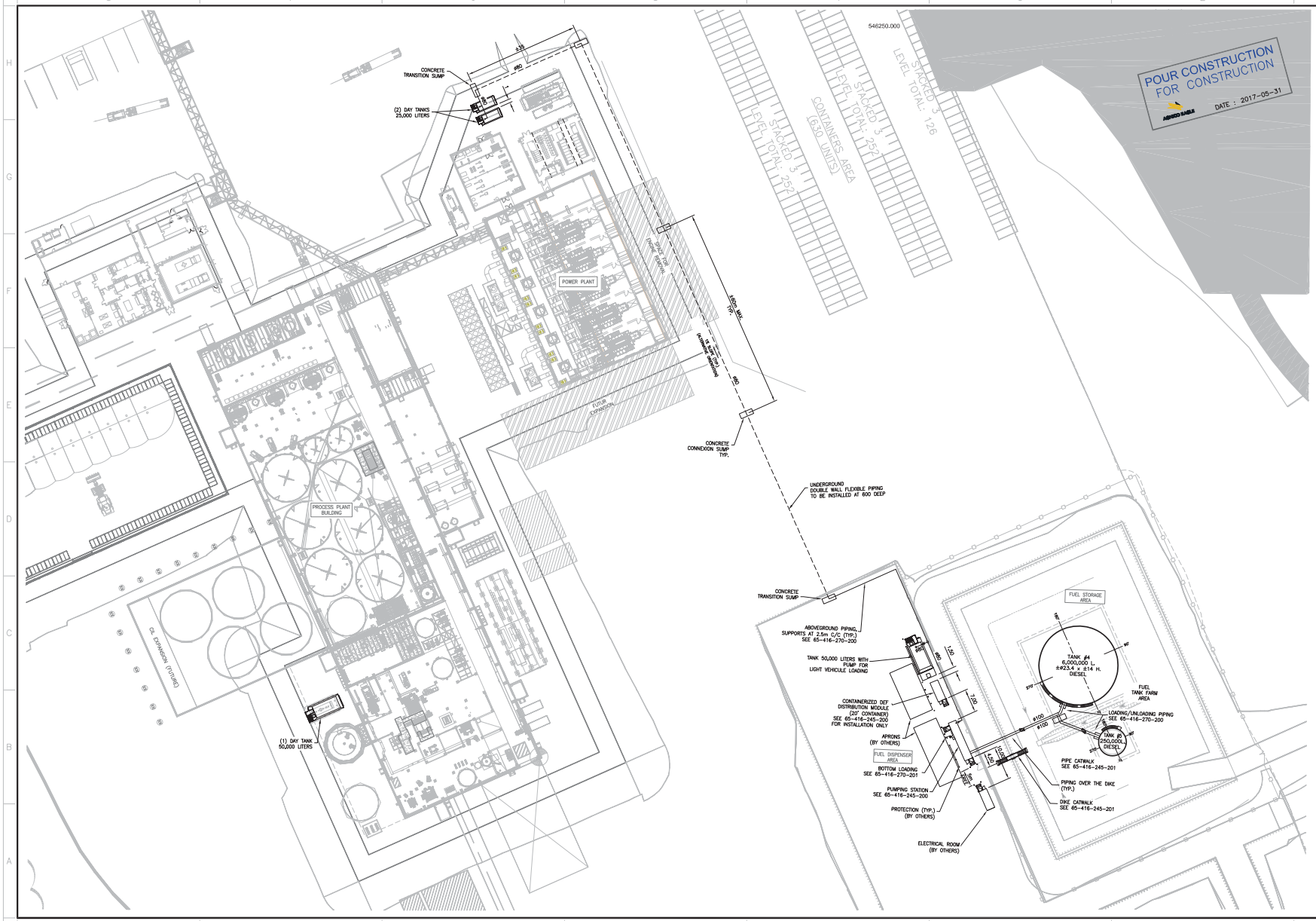
NO. DESSIN DRAWING NO. 65-416-210-201

FORMAT ARCHD



PLAN CLÉ KEY PLAN

WSP

1075, 3e AVENUE EST
VAL-D'OR (QUÉBEC) CANADA J9P 0J7
TÉL. : 819 825-4274 | TÉLÉC. : 819 824-1914 | WWW.WSPGROUP.COM

Ref. 151-08440-40

NOTES GÉNÉRALES / GENERAL NOTES

1. UNDERGROUND PIPING TO INSTALLED AS PER MANUFACTURER RECOMMENDATIONS CIVIL WORKS BY OTHER TO BE COMPLIANT WITH SITE SPECIFIC CONDITIONS
2. TANK DIMENSIONS ADJUSTED ACCORDING TO INFORMATION PROVIDED BY CONTRACTOR
3. REPLACE DRAWING : 65-403-210-201

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG

AGNICO EAGLE

REVISIONS

REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT
0	2017-06-31	ISSUED FOR CONSTRUCTION	J.M.	D.T.	

TITRE / TITLE

AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
210 – GENERAL ARRANGEMENT
FUEL FARM TANK (INDUSTRIAL SITE)
PLAN VIEW

DESSINÉ PAR DRAWN BY	G. CORNUT	DATE 2017-05-29
VERIFIÉ PAR CHECKED BY	J. MORLIÈRE, tech.	2017-05-29
APPROUVÉ PAR APPROVED BY	D. THIBODEAU, P. Eng.	2017-05-29
ÉCHELLE SCALE	1:500	DATE 2017-05-29

NO. DESSIN DRAWING NO. 65-416-210-201

NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHT
6515	0	1 / 1

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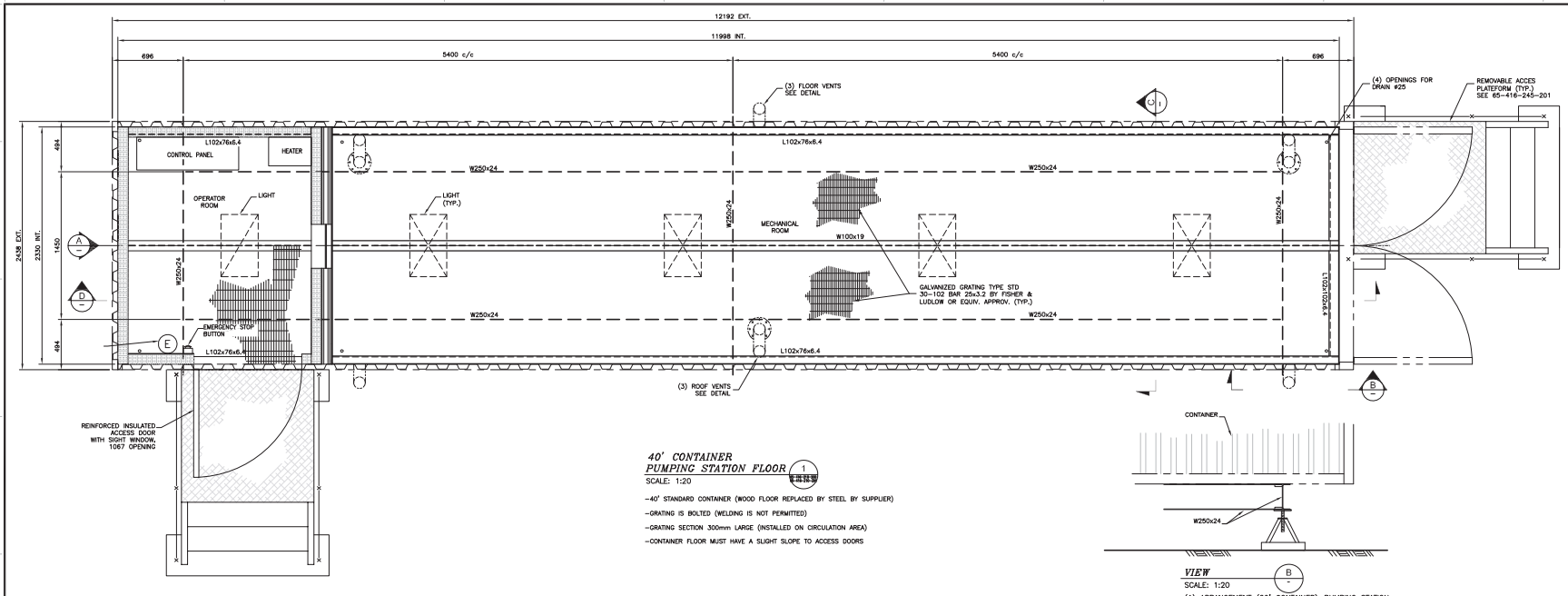
FILE NO. 65-416-210-201_REV0.dwg

NO. DESSIN DRAWING NO. 65-416-245-200

FORMAT ARCHD



40' CONTAINER PUMPING STATION FLOOR (1)

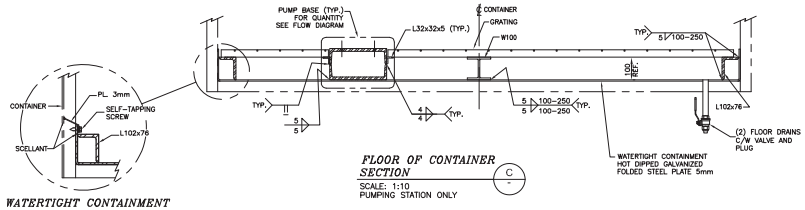
SCALE: 1:20

- 40' STANDARD CONTAINER (WOOD FLOOR REPLACED BY STEEL BY SUPPLIER)
- GRATING IS BOLTED (WELDING IS NOT PERMITTED)
- GRATING SECTION 300mm LARGE (INSTALLED ON CIRCULATION AREA)
- CONTAINER FLOOR MUST HAVE A SLIGHT SLOPE TO ACCESS DOORS

VIEW (B)

SCALE: 1:20

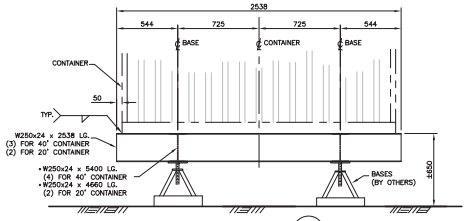
(1) ARRANGEMENT (20' CONTAINER)-PUMPING STATION
(1) ARRANGEMENT (40' CONTAINER)-DEF DISTRIBUTION CONTAINER



WATERTIGHT CONTAINMENT

FLOOR OF CONTAINER SECTION (C)

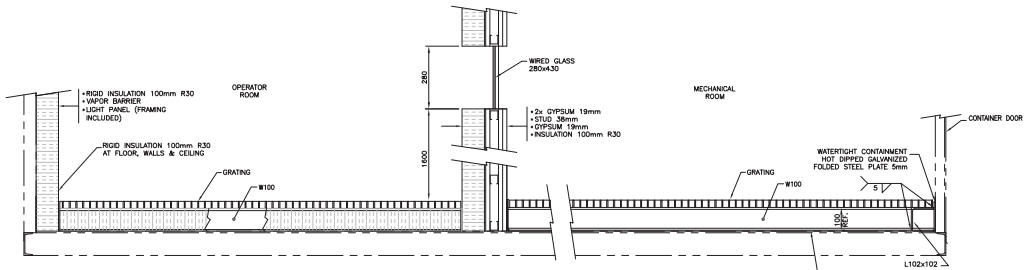
SCALE: 1:10
PUMPING STATION ONLY



VIEW (A)

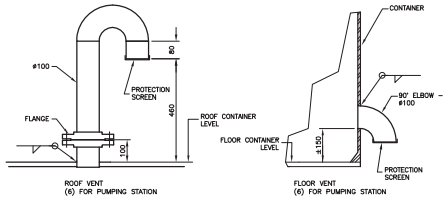
SCALE: 1:20

(1) ARRANGEMENT (20' CONTAINER)-PUMPING STATION
(1) ARRANGEMENT (40' CONTAINER)-DEF DISTRIBUTION CONTAINER



FLOOR OF CONTAINER SECTION (D)

SCALE: 1:10
PUMPING STATION ONLY



ROOF VENT (6) FOR PUMPING STATION

FLOOR VENT (6) FOR PUMPING STATION

VENT FOR CONTAINER (3)

SCALE: 1:10
PUMPING STATION ONLY

WSP
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Ref. 151-08440-40

NOTES GENERALES / GENERAL NOTES

1. REPLACE DRAWING : 65-403-245-200

POUR CONSTRUCTION
FOR CONSTRUCTION
DATE : 2017-05-31

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TITRE / TITLE	# DWG

AGNICO EAGLE

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0	2017-05-31	ISSUED FOR CONSTRUCTION	J.M.	D.T.	

REVISIONS

TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
245 – STRUCTURAL STEEL
FUEL DISTRIBUTION
MODIFICATIONS & ADDITIONS AT THE CONTAINERS

DESSINÉ PAR DRAWN BY	G. CORNUT	DATE 2017-05-29
VERIFIÉ PAR CHECKED BY	J. MORLIÈRE, tech.	2017-05-29
APPROUVÉ PAR APPROVED BY	D. THIBODEAU, P. Eng.	2017-05-29
ÉCHELLE SCALE	INDICATED	DATE 2017-05-29
NO. DESSIN DRAWING NO.	65-416-245-200	
NO. PROJET PROJECT NO.	6515	REVISION 0 / FEUILLE / SHT 1 / 1

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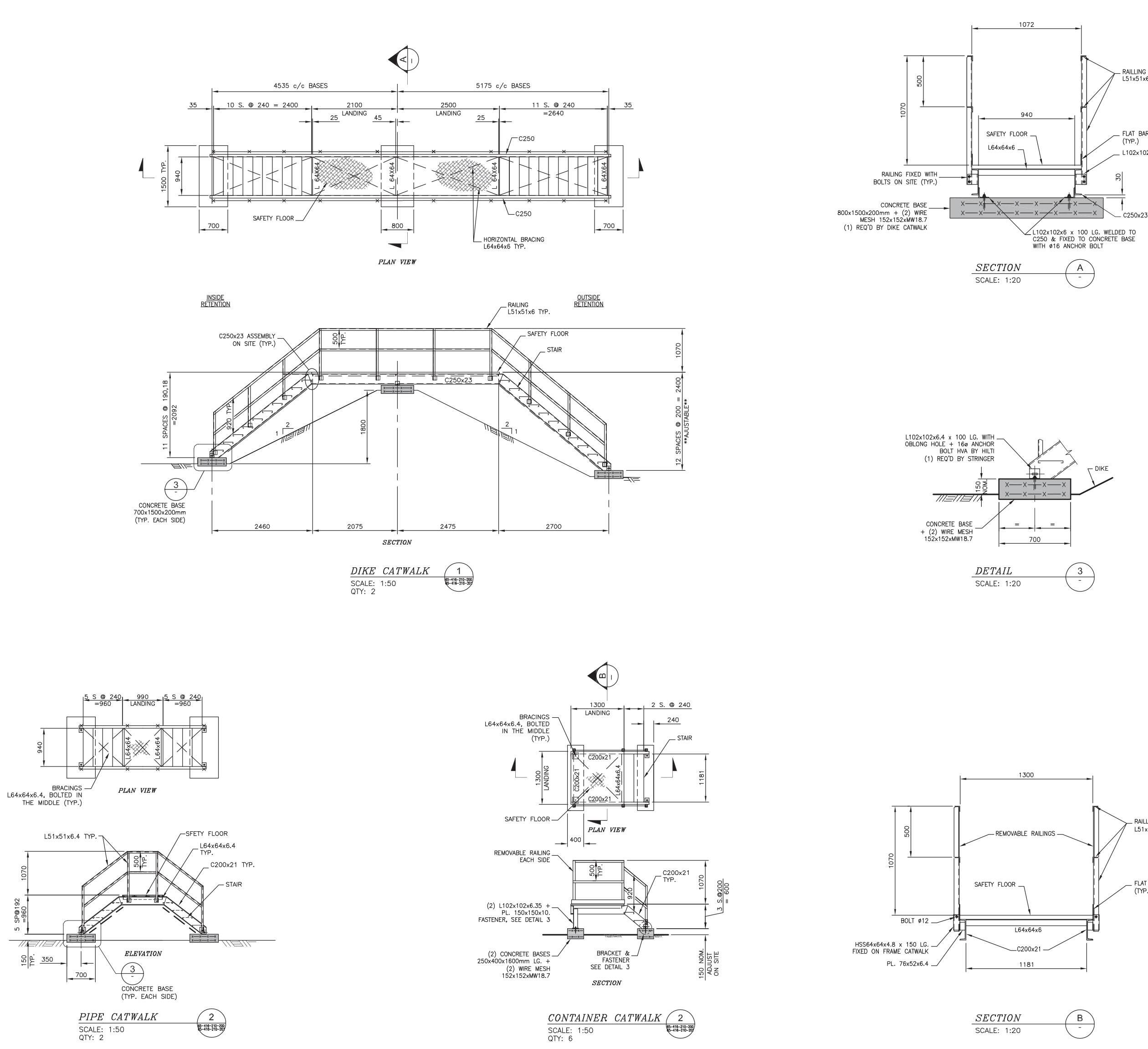
FILE NO. 65-416-245-200_R0.dwg



NOTES:

CATWALK, RAILINGS AND STAIRS ARE ASSEMBLED AND BOLTED ON SITE.

DEAD LOAD = 0.5 Kpa
LIVE LOAD = 4.8 Kpa
FLÈCHE MAXIMUM = L/300

MATERIAL

GRATING OF LANDING

GRIP SPAN SAFETY GRATING, GALVANIZED STEEL, (D-51215-G, 5 DIAMONDS, Ga 2,7mm, 38.1mm DEEP) BY FISHER LUDLOW OR APPROVED EQUIVALENT, MAX. 300mm WIDTH EXCEPT WHEN INDICATED DIFFERENTLY.

STAIR

GRIP SPAN SAFETY GRATING, GALVANIZED STEEL, (D-41215-G, 4 DIAMONDS, Ga 2,7mm, 38.1mm DEEP) BY FISHER LUDLOW OR APPROVED EQUIVALENT, MAX. 241mm WIDTH EXCEPT WHEN INDICATED DIFFERENTLY.

POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2017-05-31

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NOTES GENERALES / GENERAL NOTES

1. REPLACE DRAWING : 65-403-245-201

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TITRE / TITLE	# DWG

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0	2017-05-31	ISSUED FOR CONSTRUCTION	J.M.	D.T.	

REVISIONS

TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
245 – STRUCTURAL STEEL
FUEL DISTRIBUTION
DIKE, PIPE & CONTAINERS CATWALKS

		DATE
DESSINÉ PAR / DRAWN BY	G. CORNUT	2017-05-29
VÉRIFIÉ PAR / CHECKED BY	J. MORLIÈRE, tech.	2017-05-29
APPROUVÉ PAR / APPROVED BY	D. THIBODEAU, P. Eng.	2017-05-29
ÉCHELLE / SCALE	INDICATED	2017-05-29

NO. DESSIN / DRAWING NO. 65-416-245-201

NO. PROJET / PROJECT NO.	REVISION	FEUILLE / SHT
6515	0	1 / 1

FILE NO. 65-416-245-201_R0.dwg

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NO. DESSIN / DRAWING NO. 65–416–260–201

NEW TANK #4 - WINTER DIESEL

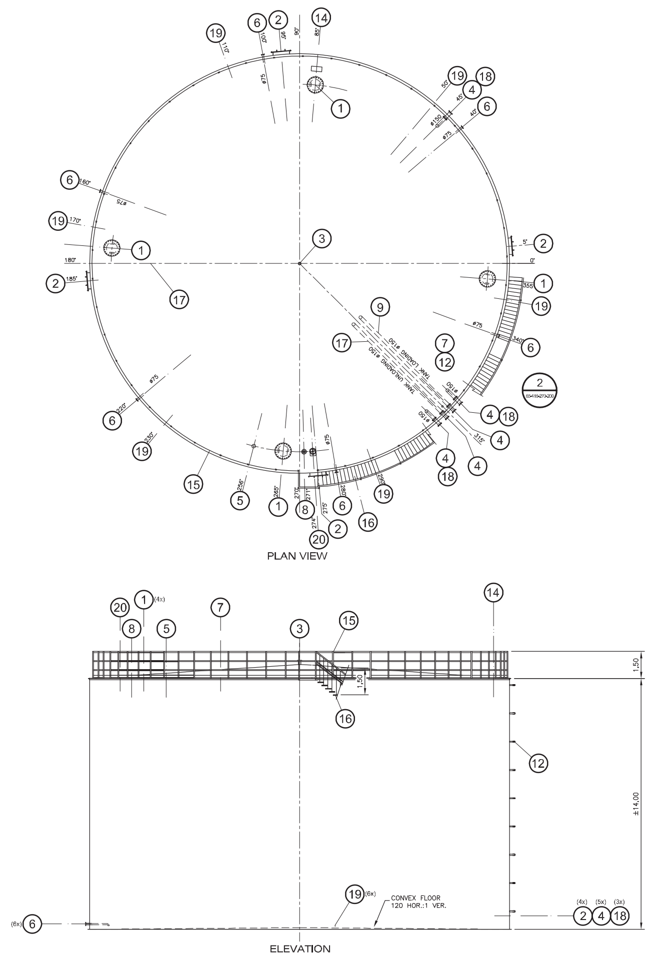
SPÉCIFICATIONS:
NOMINAL DIAMETER (METERS) ±23.4m
ORIGINAL NOMINALE HEIGHT (METERS): ±14.0m
NOMINAL CAPACITY: 6,000,000 liters

No.	QTY	DESCRIPTION	REMARKS
1	4	ø600 ROOF MANHOLE	TO API 650 STANDARDS
2	4	ø900 SHELL MANHOLE	TO API 650 STANDARDS
3	1	ø100 PAINTER SCAFFOLD CABLE SUPPORT	TO API 650 STANDARDS
4	5	SHELL NOZZLE – INLET/OUTLET	TO API 650 STANDARDS
5	–	VENT OPENING	TO API 2000 & 650 STANDARDS. DIAMETER & QTY TO BE DETERMINE BY THE MANUFACTURER, SEE DETAIL
6	6	WATER DRAW–OFF	TO API 650 STANDARDS, SEE DETAIL
7	1	ROOF PRESSURE RELIEF LINE CONNECTION, HALF COUPLING ø25 (THREADED)	TO API 650 STANDARDS & NBC
8	1	ROOF ø150 GAUGE HATCH	TO API 650 STANDARDS, SEE DETAIL
9	1	FIXED PIPE – TANK LOADING ø150 x 9.0m LG.	TO API 650 STANDARDS
10			
11			
12	1	SHELL BRACKET FOR PIPING & CONDUIT	SEE DETAIL
13			
14	1	ROOF INSPECTION FRAME	TO API 650 STANDARDS
15	1	ROOF GUARDRAIL	TO API 650 STANDARDS & NBC
16	1	SPIRAL STAIRWAY, GUARDRAIL & HANDRAIL	TO API 650 STANDARDS & NBC
17	1	FIXED PIPE – TANK UNLOADING ø150 x 9.0m LG.	TO API 650 STANDARDS
18	3	PUMPING LOW LEVEL ø150	TO API 650 STANDARDS, SEE DETAIL
19	6	GROUNDING LUG	TO API 650 STANDARDS, SEE DETAIL
20	1	ROOF NOZZLE ø200 FOR OVERFILL PROTECTION	TO API 650 STANDARDS, SEE DETAIL

NOTE:

1. APPROXIMATIVE STAIRWAY LOCATION: CONTRACTOR HAVE TO ENSURE A MINIMUM CLEARANCE OF 1000mm IN ELEVATION BETWEEN STAIRS AND ANY SHELL CONNECTION

POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2017–05–31



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TÉL. : 819 825-4274 | TÉLÉC. : 819 824-1514 | WWW.WSPGROUP.COM
Ref. 151–06440–40

NOTES GÉNÉRALES / GENERAL NOTES

1. TANK DIMENSIONS ADJUSTED ACCORDING TO INFORMATION PROVIDED BY CONTRACTOR
2. REPLACE DRAWING : 65–403–260–201

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REVISIONS

TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
260 – PLATEWORK
FUEL FARM TANK (INDUSTRIAL SITE)
TANK #4 – 6,000,000 liters
ø23.4m x 14m H.

DESSINÉ PAR / DRAWN BY	GHISLAINE CORNUT	DATE 2017–05–29
VERIFIÉ PAR / CHECKED BY	JOËL MORLIÈRE, tech.	2017–05–29
APPROUVÉ PAR / APPROVED BY	DENIS THIBODEAU, ing.	2017–05–29
ÉCHELLE / SCALE	1:125	DATE 2017–05–29

NO. DESSIN / DRAWING NO. 65–416–260–201

NO. PROJET / PROJECT NO.	REVISION	FEUILLE / SHT
6515	0	1 / 1

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FILE NO. 65–416–260–201_R0.dwg

NO. DESSIN / DRAWING NO. 65–416–260–202

FORMAT ARCHD

NEW TANKS #5 & #6 - SUMMER DIESEL

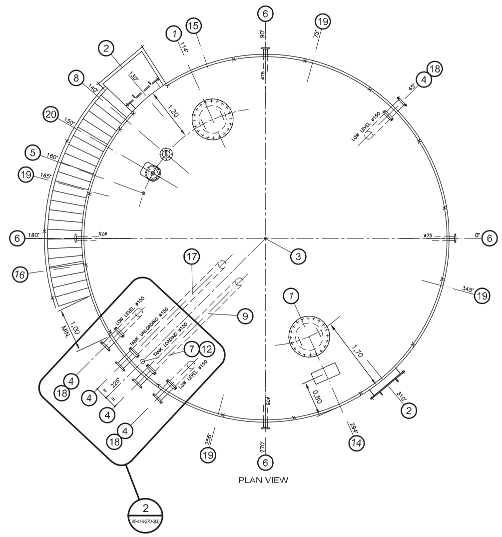
SPÉCIFICATIONS:
NOMINAL DIAMETER (METERS) ±8.2m
ORIGINAL NOMINALE HEIGHT (METERS): ±4.75m
NOMINAL CAPACITY: 250,000 liters

No.	QTY	DESCRIPTION	REMARKS
1	2	ø600 ROOF MANHOLE	TO API 650 STANDARDS
2	2	ø760 SHELL MANHOLE	TO API 650 STANDARDS
3	1	ø100 PAINTER SCAFFOLD CABLE SUPPORT	TO API 650 STANDARDS
4	5	SHELL NOZZLE – INLET/OUTLET	TO API 650 STANDARDS
5	–	VENT OPENING	TO API 2000 & 650 STANDARDS. DIAMETER & QTY TO BE DETERMINE BY THE MANUFACTURER, SEE DETAIL
6	4	WATER DRAW–OFF	TO API 650 STANDARDS, SEE DETAIL
7	1	ROOF PRESSURE RELIEF LINE CONNECTION, HALF COUPLING ø25 (THREADED)	TO API 650 STANDARDS & NBC
8	1	ROOF ø150 GAUGE HATCH	TO API 650 STANDARDS, SEE DETAIL
9	1	FIXED PIPE – TANK LOADING ø150 x 3m LG.	TO API 650 STANDARDS
10			
11			
12	1	SHELL BRACKET FOR PIPING & CONDUIT	SEE DETAIL
13			TO API 650 STANDARDS
14	1	ROOF INSPECTION FRAME	TO API 650 STANDARDS
15	1	ROOF GUARDRAIL	TO API 650 STANDARDS & NBC
16	1	SPIRAL STAIRWAY, GUARDRAIL & HANDRAIL	TO API 650 STANDARDS & NBC
17	1	FIXED PIPE – TANK UNLOADING ø150 x 3,9m LG.	TO API 650 STANDARDS
18	3	PUMPING LOW LEVEL ø150	TO API 650 STANDARDS, SEE DETAIL
19	4	GROUNDING LUG	TO API 650 STANDARDS, SEE DETAIL
20	1	ROOF NOZZLE ø200 FOR OVERFILL PROTECTION	TO API 650 STANDARDS, SEE DETAIL

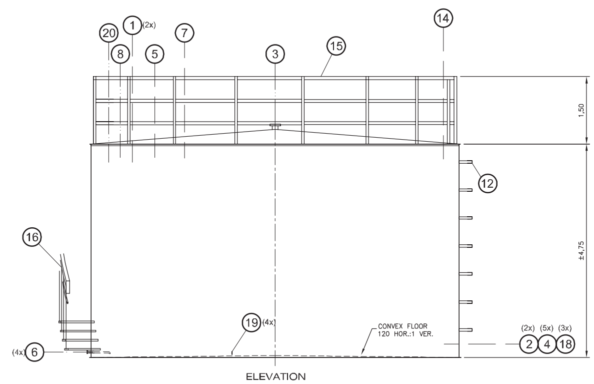
(2) TANKS REQUIRED: TANK #5 AT INDUSTRIAL SITE
TANK #6 AT PORTAIL #1

NOTE:

1. APPROXIMATIVE STAIRWAY LOCATION: CONTRACTOR HAVE TO ENSURE A MINIMUM CLEARANCE OF 1000mm IN ELEVATION BETWEEN STAIRS AND ANY SHELL CONNECTION



PLAN VIEW



ELEVATION

POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2017–05–31

PLAN CLÉ / KEY PLAN

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Ref. 151–06440–40

NOTES GÉNÉRALES / GENERAL NOTES

1. TANK DIMENSIONS ADJUSTED ACCORDING TO INFORMATION PROVIDED BY CONTRACTOR
2. REPLACE DRAWING : 65–403–260–202

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TITRE / TITLE	# DWG

AGNICO EAGLE

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REVISIONS

TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
260 – PLATEWORK
FUEL FARM TANK (INDUSTRIAL SITE & PORTAIL #1)
TANKS #5 & #6 – 250,000 liters
ø8,2m x 4,75m H.

		DATE
DESSINÉ PAR / DRAWN BY	JESSICA LAGACÉ	2017–05–29
VÉRIFIÉ PAR / CHECKED BY	JOËL MORLIÈRE, tech.	2017–05–29
APPROUVÉ PAR / APPROVED BY	DENIS THIBODEAU, ing.	2017–05–29
ÉCHELLE / SCALE	1:50	2017–05–29

NO. DESSIN / DRAWING NO. 65–416–260–202

NO. PROJET / PROJECT NO.	REVISION	FEUILLE / SHT
6515	0	1 / 1

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NO. DESSIN / DRAWING NO. 65–416–270–200

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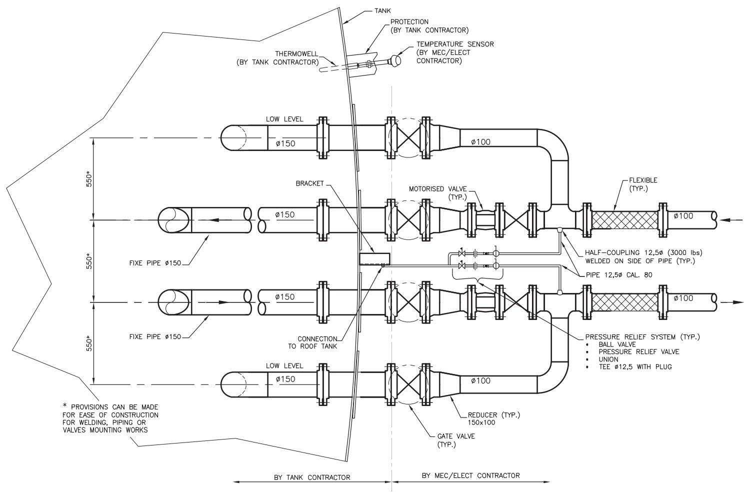
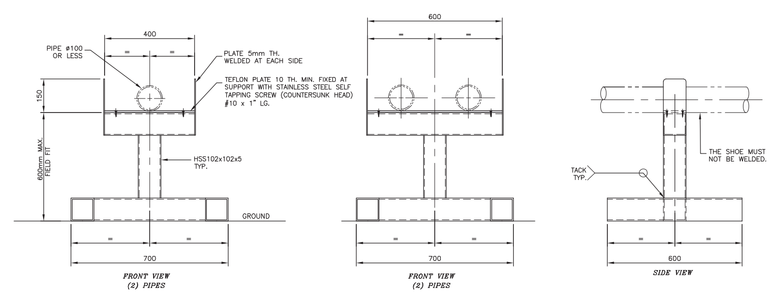
FOR CONSTRUCTION
DATE : 2017–05–31

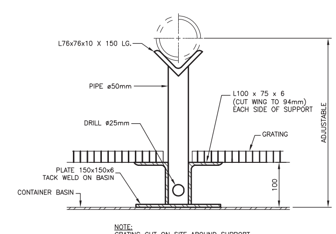


LOADING/UNLOADING TANK PIPING (2)
SCALE: 1:15



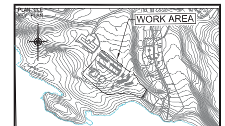
NOTE:
1. GROUND FOR THE SUPPORT TO BE FLAT AND STABLE. PAD WITH NATURAL GRANULAR BACKILL IF NEEDED.

PIPING SUPPORT (3)
SCALE: 1:10



NOTE:
GRATING CUT ON SITE AROUND SUPPORT

SUPPORT INSIDE PUMPING STATION (4)
SCALE: 1:5



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Ref. 151–06440–40

NOTES GENERALES / GENERAL NOTES

1. REPLACE DRAWING : 65–403–270–200

DESSINS EN REFERENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG

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REVISIONS

TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
270 – PIPING
FUEL DISTRIBUTION
DETAILS

DESSINE PAR / DRAWN BY	G. CORNUT	DATE 2017–05–29
VERIFIE PAR / CHECKED BY	J. MORLIÈRE, tech.	2017–05–29
APPROUVE PAR / APPROVED BY	D. THIBODEAU, P. Eng.	2017–05–29
ECHELLE / SCALE	INDICATED	DATE 2017–05–29
NO. DESSIN / DRAWING NO.	65–416–270–200	
NO. PROJET / PROJECT NO. 6515	REVISION 0	FEUILLE / SHT 1 / 1

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FILE NO. 65–416–270–200_R0.dwg

NO. DESSIN / DRAWING NO. 65-416-270-201

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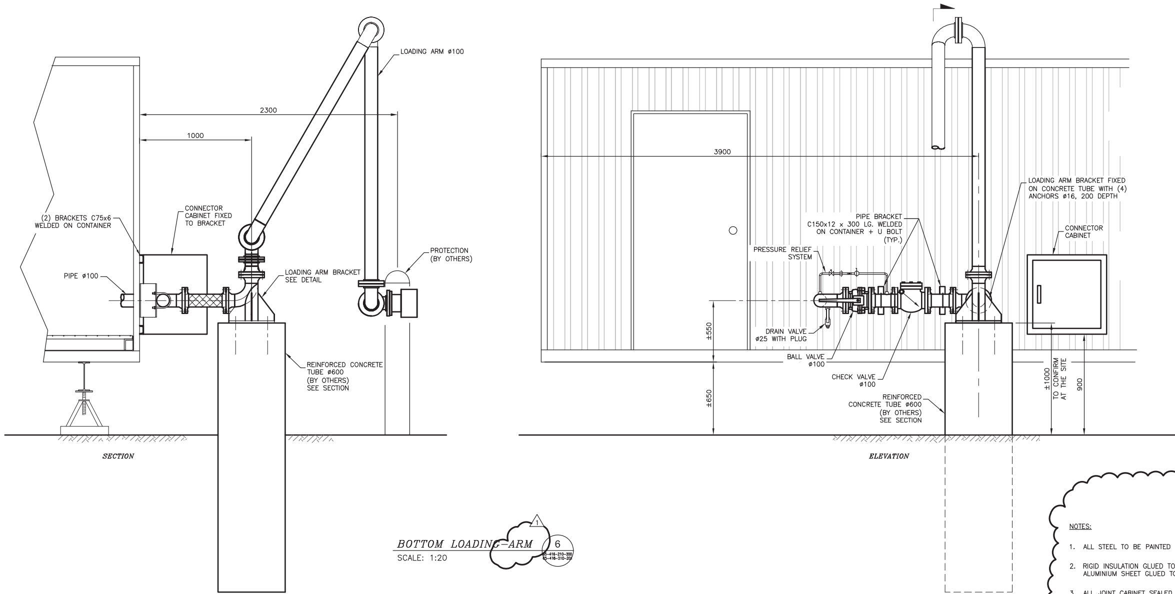
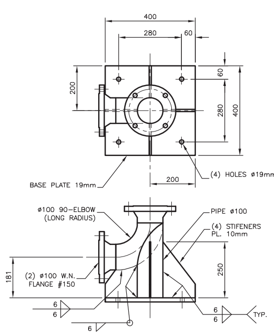
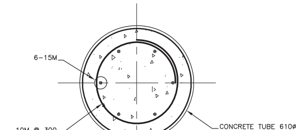


BOTTOM LOADING–ARM (6)
SCALE: 1:20



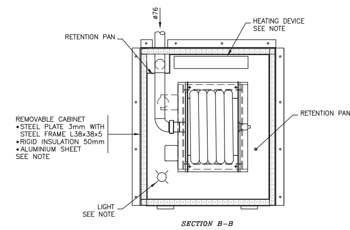
LOADING ARM BRACKET (7)
SCALE: 1:10

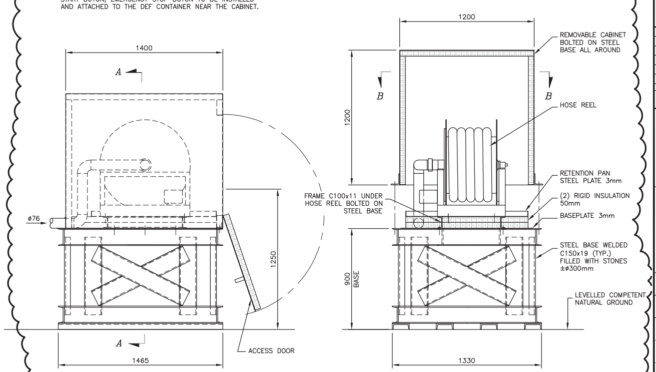


CONCRETE TUBE SECTION (8)
SCALE: 1:10

NOTES:

1. ALL STEEL TO BE PAINTED EPOXY (2) LAYERS.
2. RIGID INSULATION GLUED TO EPOXY FINISH CABINET & ALUMINIUM SHEET GLUED TO RIGID INSULATION.
3. ALL JOINT CABINET SEALED WITH PETROLEUM RESISTANT PRODUCT.
4. ACCESS DOOR CABINET HINGES & HARDWARE TO BE HEAVY DUTY TYPE.
5. ACCESS DOOR CABINET MUST HAVE WEATHERSTRIPPING.
6. HEATING DEVICE & LIGHT TO BE ATTACHED TO RETENTION PAN.
7. HEATING DEVICE & THERMOSTAT TO BE EASILY ACCESSIBLE.
8. HOSE REEL CONTROL, SCULLY SYSTEM, LIGHT SWITCH, START BUTON, EMERGENCY STOP BUTON TO BE INSTALLED AND ATTACHED TO THE DEF CONTAINER NEAR THE CABINET.





BOTTOM LOADING–HOSE (9)
SCALE: 1:20

WORK AREA

WSP
1075, 3e AVENUE EST
VAL-D'OR (QUÉBEC) CANADA J9P 0J7
TEL.: 819 825-4374 | TÉLÉC.: 819 824-1514 | WWW.WSPGROUP.COM
Ref. 151–06440–40

NOTES GENERALES / GENERAL NOTES

POUR CONSTRUCTION
FOR CONSTRUCTION
AGNICO EAGLE
DATE : 2018–03–28

DESSINS EN REFERENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG

AGNICO EAGLE

REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT
1	2018–03–28	BOTTOM LOADING–HOSE ADDED	J.M.	D.T.	
0	2017–05–31	ISSUED FOR CONSTRUCTION	J.M.	D.T.	

REVISIONS

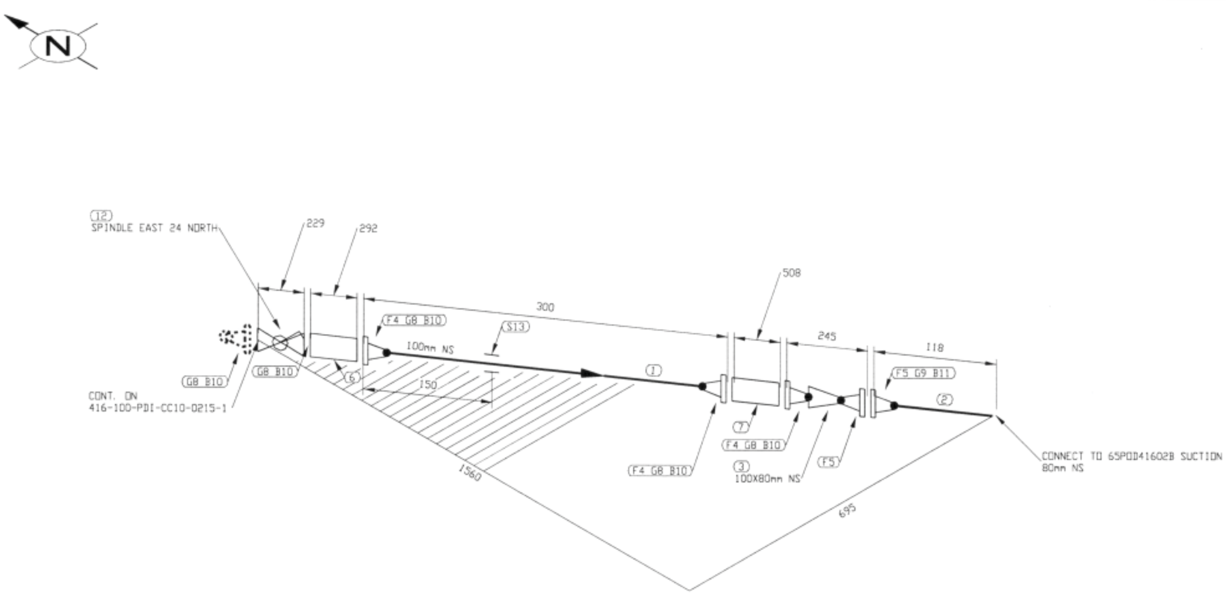
TITRE / TITLE
AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM
270 – PIPING
FUEL DISTRIBUTION
DETAILS

		DATE
DESSINÉ PAR / DRAWN BY	G. CORNUT	2017–05–29
VERIFIÉ PAR / CHECKED BY	J. MORLIÈRE, tech.	2017–05–29
APPROUVÉ PAR / APPROVED BY	D. THIBODEAU, P. Eng.	2017–05–29
ÉCHELLE / SCALE	INDICATED	2017–05–29

NO. DESSIN / DRAWING NO. 65–416–270–201

NO. PROJET / PROJECT NO.	REVISION	FEUILLE / SHT
6515	1	1 / 1

AE–CART–ARCH D
\\CAMTL1DAT01\projets\2015\1\151–06440–40\Genie Nordique\Doc\65–416–270–201_R1.dwg
FILE NO. 65–416–270–201_R1.dwg



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	151 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	50 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE PDExTOE
3	1	100X80	A 420 Gr. WPL6	SCH STD x 80, BW CONC RED
4	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	80	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	1	100		CL 150, BASKET STRAINER
7	1	100		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
8	5	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
9	1	80	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
10	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
11	4	16	A 193 B7/A 194 2H	CL 150, 4 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
12	1	100	BA-31	CL 150, RF, BALL VALVE
13	1	100		PIPE SUPPORT AS PER DETAIL 4, DWG 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN - IFC	A.H.	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA-PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0215		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

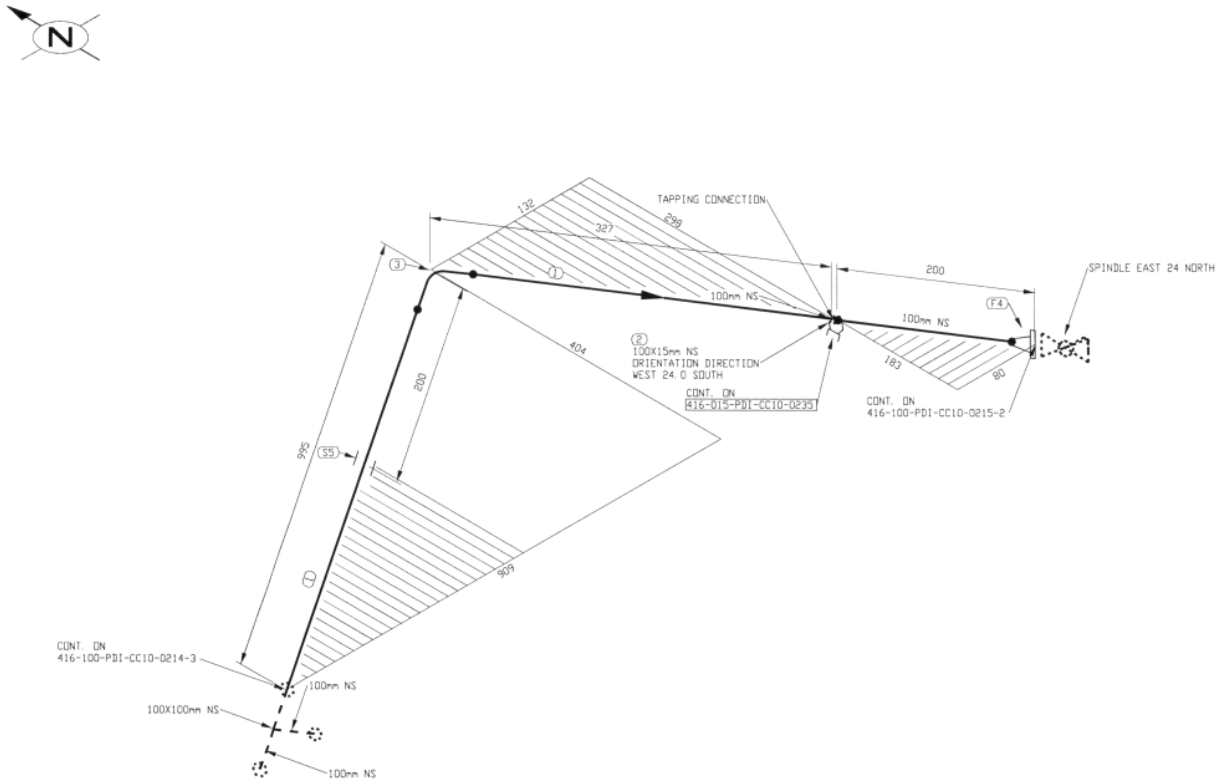
CONC.: A.H.	PROJET: AGNICO EAGLE - MELIADINE DIVISION 416 - FUEL TANK FARM
DATE: 2017/05/29	
DESSINÉ PAR: A.H.	
DATE: 2017/05/29	TITRE: INDUSTRIAL FABRICATION ISOMETRIC DIESEL FROM 416-100-PDI-CC10-0101 TO 65PDD41602B
VER. PAR:	
DATE:	
APP.:	
DATE:	
ÉCHELLE: AUCUNE	

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0215	2/2	1

416-MN-01

FICHIER: M:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\17 Mai 2018\416-100-PDI-CC10-0215-2.DWG

IMPRIMÉ LE: May 30, 2018, 1:24pm



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1143 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN – IFC	A.H. / QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0215		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE – MELIADINE DIVISION
416 – FUEL TANK FARM

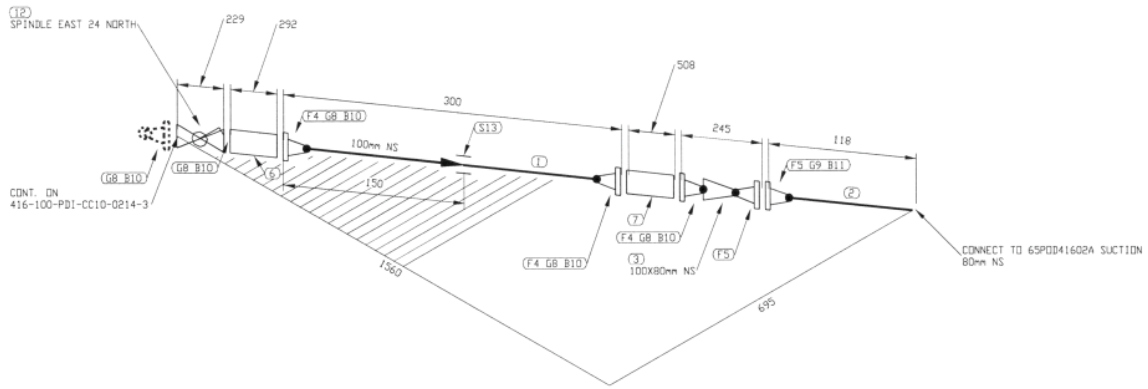
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 416-100-PDI-CC10-0101 TO 65POD41602B

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0215	1/2	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05 Design\02 Tuyauterie\02 Isometriques\03 Industrial Site\17 MAI 2018\416-100-PDI-CC10-0215-1.DWG

IMPRIMÉ LE: May 30, 2018, 1:23pm



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	151 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	50 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE PDExTDE
3	1	100X80	A 420 Gr. WPL6	SCH STD x 80, BW CONC RED
4	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	80	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	1	100		CL 150, BASKET STRAINER
7	1	100		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
8	5	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
9	1	80	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
10	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
11	4	16	A 193 B7/A 194 2H	CL 150, 4 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
12	1	100	BA-31	CL 150, RF, BALL VALVE
13	1	100		PIPE SUPPORT AS PER DETAIL 4, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN - IFC	A.H. / QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	

CLIENT:
AGNICO EAGLE

NUQSANA-PROMEC MINING

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0214		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

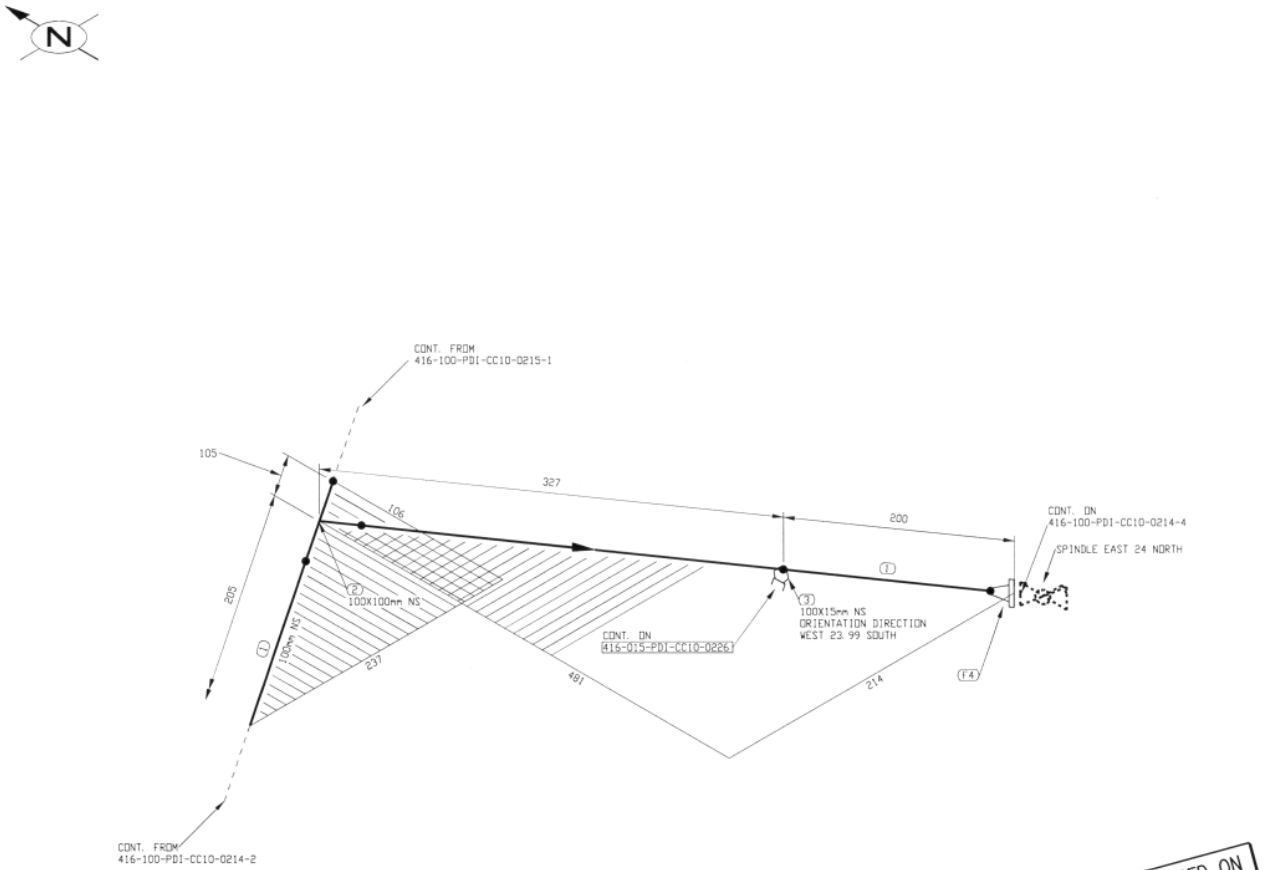
PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65EQM41601 TO 65POD41602A

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0214	4/4	1

416-NM-014

IMPRIMÉ LE: May 30, 2018, 1:22pm



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	398 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
4	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN - IFC	A.H.	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0214		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

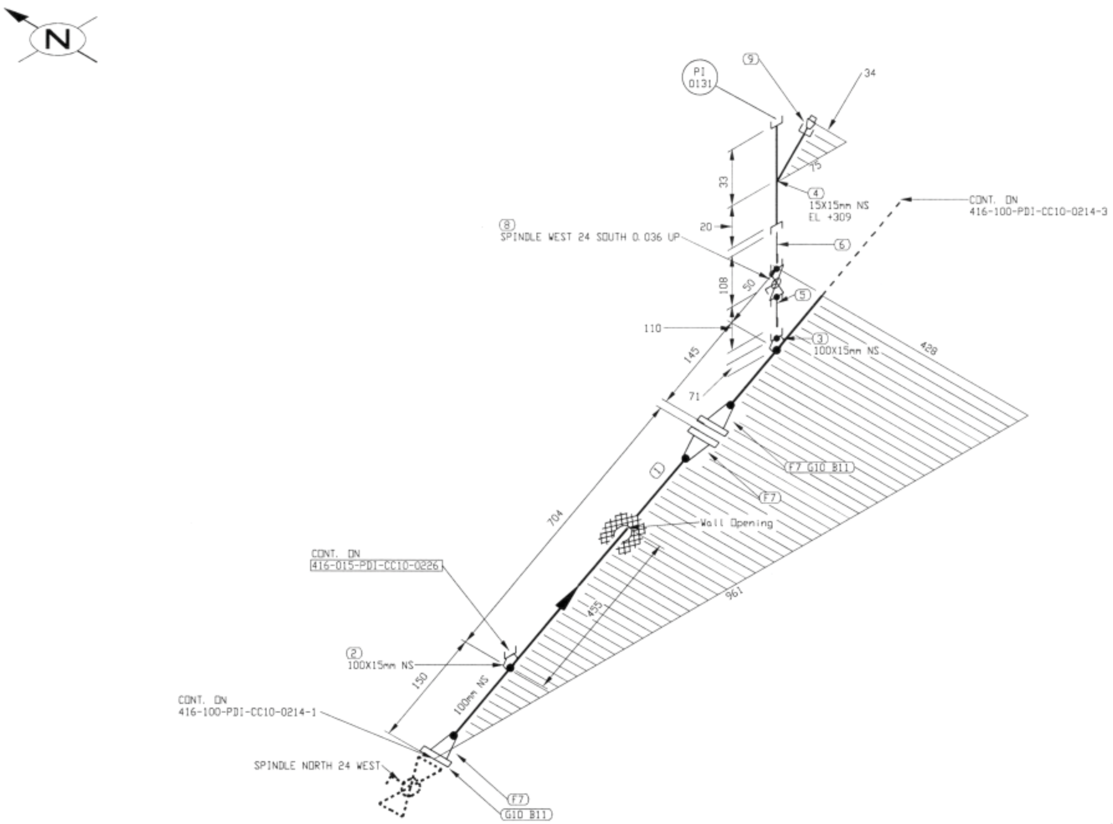
PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65EQM41601 TO 65PQD41602A

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0214	3/4	1

416-MN-01

IMPRIMÉ LE: May 30, 2018, 1:19pm



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	825 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	1	100X15	A 350 Gr. LF2	CL 3000, SOCKOLET
4	1	15X15	A 350 Gr. LF2	CL 3000, THRD STRAIGHT TEE
5	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
6	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG POExTOE
7	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
8	1	15	BA-29	CL 600, SW, BALL VALVE
9	1	15	A 350 Gr. LF2	MNPT SOLID STL BULL PLUG
10	2	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
11	16	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN - IFC	A.H.
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D TRUONG
LICENSEE
NT/NU

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65EQM41601 TO 65POD41602A

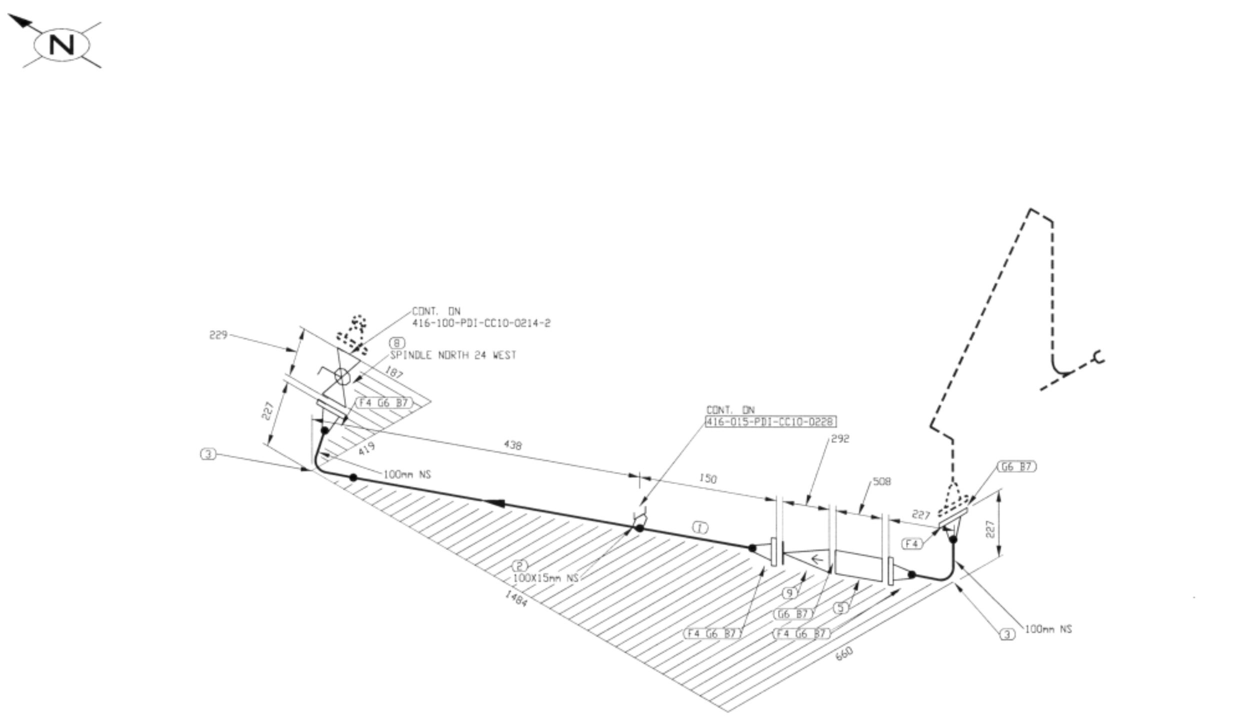
No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0214	2/4	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0214		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

IMPRIMÉ LE: May 30, 2018, 1:19pm

2018/05/30

416-MN-01



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	361 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	2	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	4	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
6	5	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
7	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
8	1	100	BA-31	CL 150, RF, BALL VALVE
9	1	100	CK-29	CL 150, RF, SWING CHECK VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	DESIGN CHANGED AS SHOWN - IFC	A.H.	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER D. TRUONG LICENSEE NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65EQM41601 TO 65POD41602A

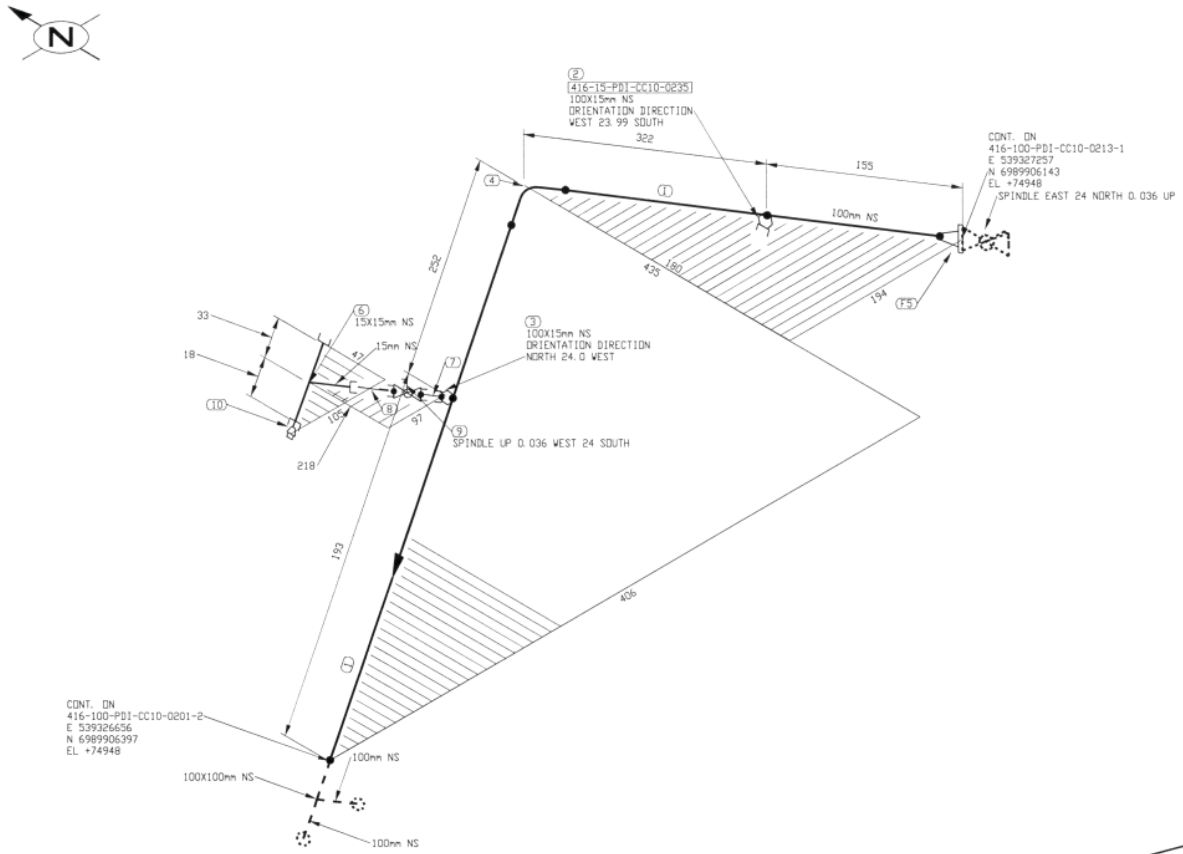
No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0214	1/4	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0214		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\17 Mai 2018\416-100-PDI-CC10-0214-1.DWG

IMPRIMÉ LE: May 30, 2018, 1:18pm

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	543 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	1	100X15	A 350 Gr. LF2	CL 3000, SOCKOLET
4	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
5	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	1	15X15	A 350 Gr. LF2	CL 3000, THRD STRAIGHT TEE
7	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
8	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTDE
9	1	15	BA-29	CL 600, SW, BALL VALVE
10	1	15	A 350 Gr. LF2	MNPT SOLID STL BULL PLUG

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0213		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

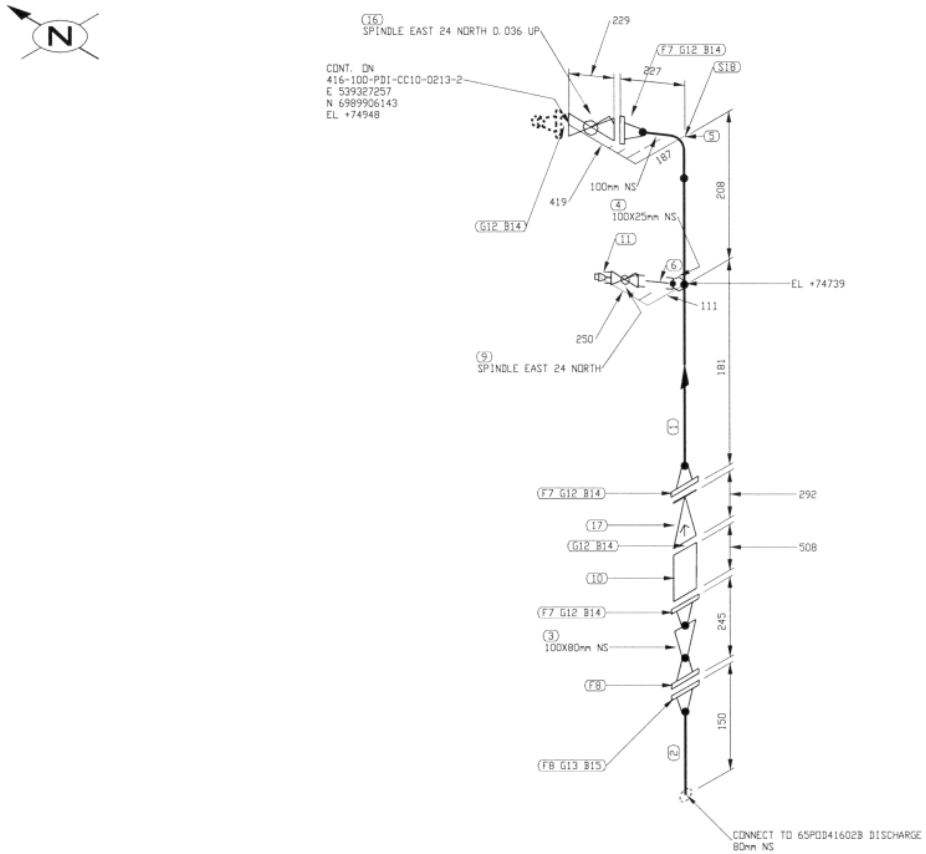
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65PDD41602B TO 416-100-PDI-CC10-0201

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0213	2/2	1

416-MN-01

FICHER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-107-2.DWG

IMPRIMÉ LE: May 14, 2018, 11:01am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	162 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	82 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE PDExTDE
3	1	100X80	A 420 Gr. WPL6	SCH STD x 80, BW CONC RED
4	1	100X25	A 350 Gr. LF2	CL 3000, SOCKOLET
5	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
6	1	25	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTDE
7	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
8	2	80	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
9	1	25	BA-32	CL 600, THRD, BALL VALVE
10	1	100		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
11	1	25	A 350 Gr. LF2	MNPT SOLID STL BULL PLUG
12	5	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
13	1	80	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
14	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
15	4	16	A 193 B7/A 194 2H	CL 150, 4 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
16	1	100	BA-31	CL 150, RF, BALL VALVE
17	1	100	CK-29	CL 150, RF, SWING CHECK VALVE
18	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0213		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

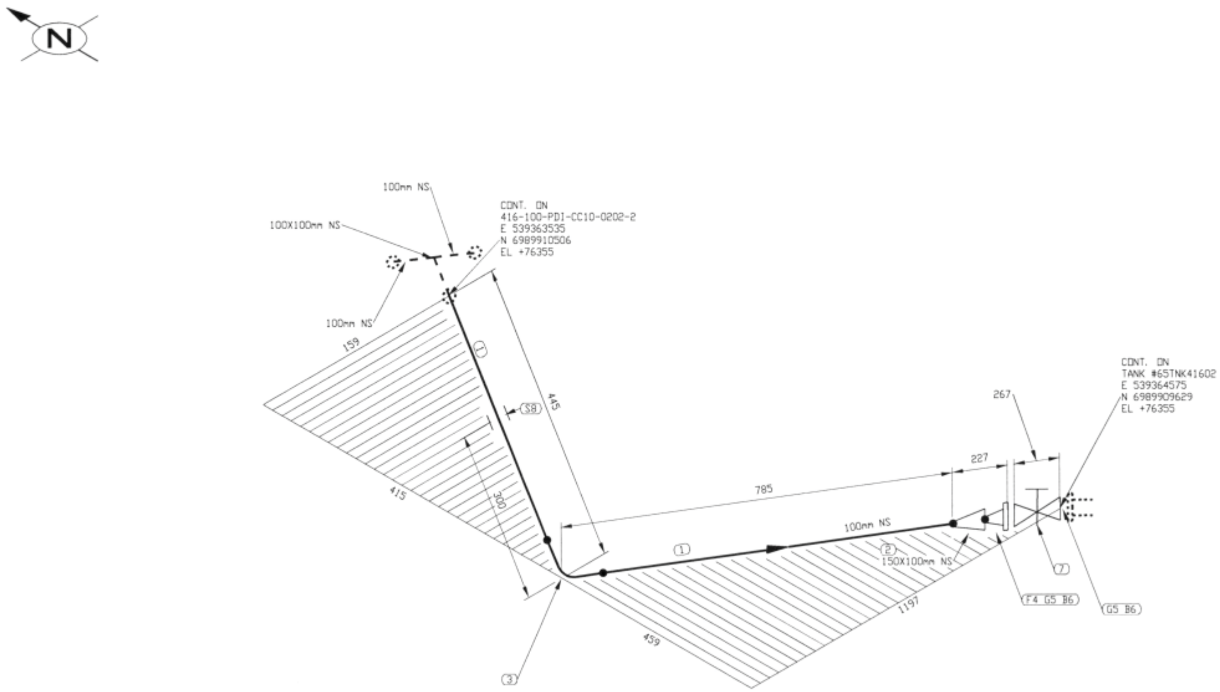
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65PDD41602B TO 416-100-PDI-CC10-0201

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0213	1/2	1

416-MN-01

FICHIER: N:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isometriques\03. Industrial Style\403-100-PDI-CC10-107-1.DWG

IMPRIMÉ LE: May 14, 2018, 11:00am



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	926 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	150	GA-10	CL 150, RF, GATE VALVE
8	1	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0210		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

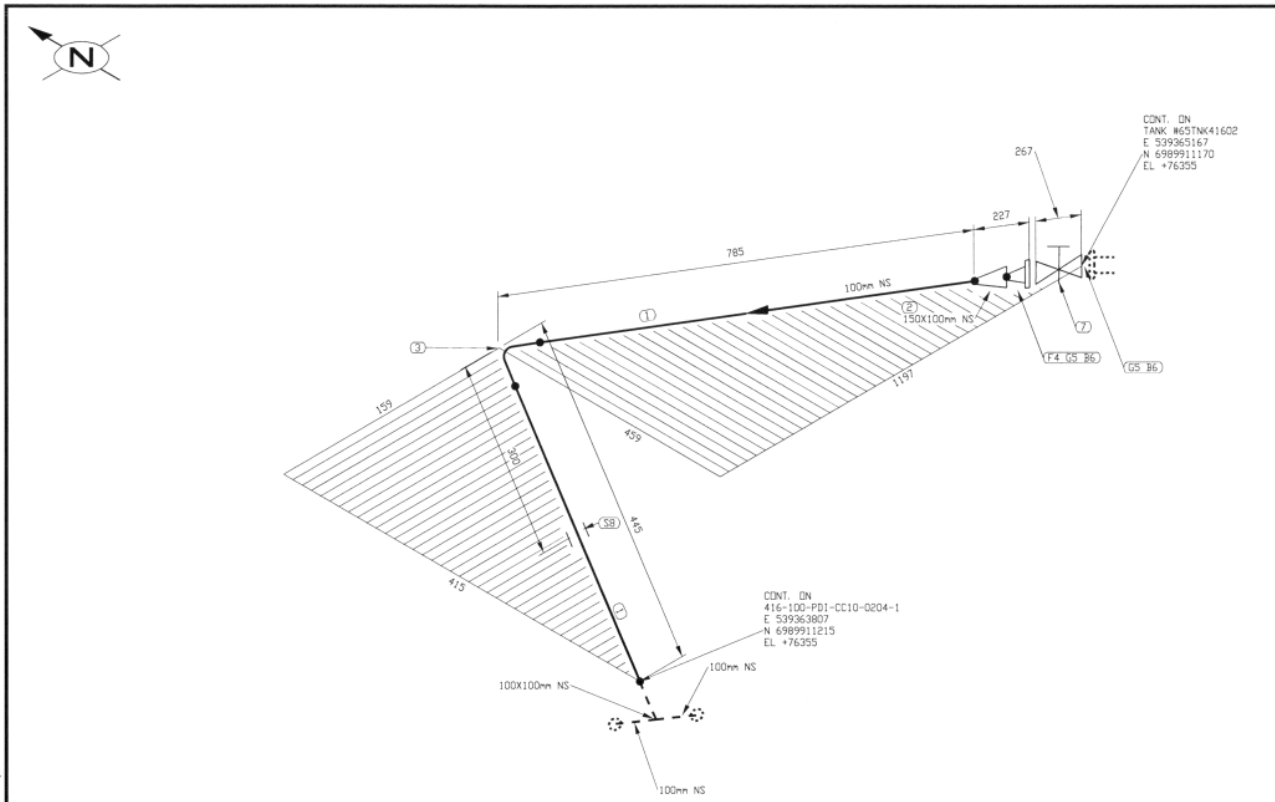
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 416-100-PDI-CC10-0202 TO 65TNK41602

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0210	1/1	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\409-100-PDI-CC10-105-1.DWG

IMPRIMÉ LE: May 14, 2018, 10:58am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	926 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	150	GA-10	CL 150, RF, GATE VALVE
8	1	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0209		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

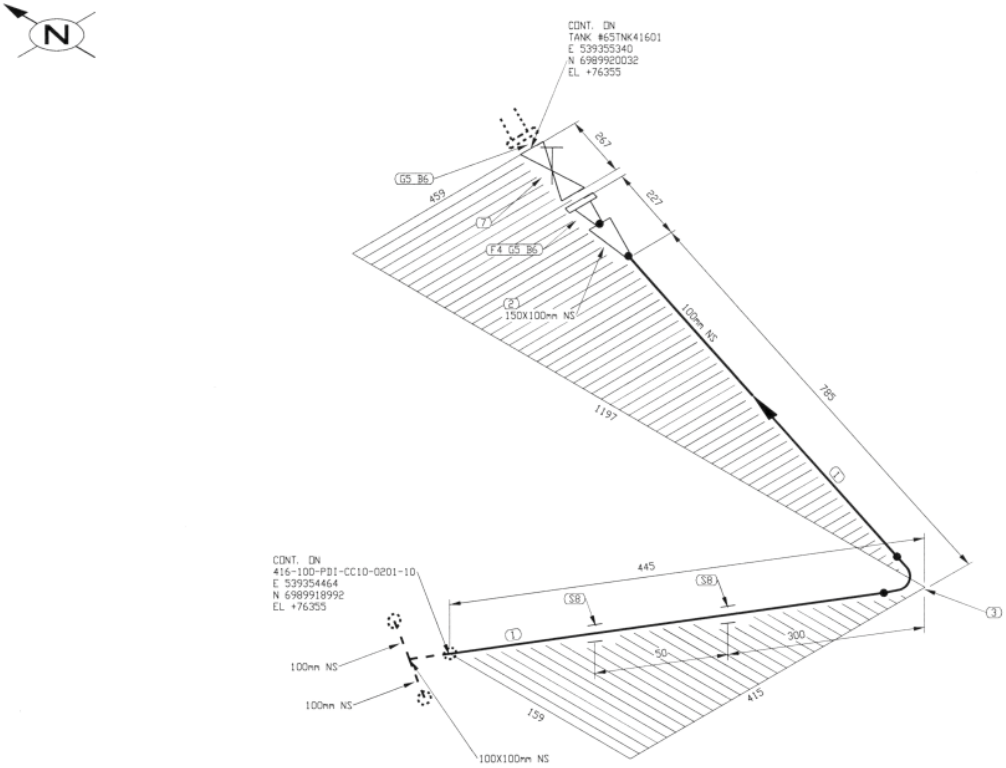
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41602 TO 416-100-PDI-CC10-0204

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0209	1/1	1

416-MN-01

FICHIER: K:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Topographie\02. Isometriques\03. Industrial Style\403-100-PDI-CC10-113-1.DWG

IMPRIMÉ LE: May 14, 2018, 11:13am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	926 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	150	GA-10	CL 150, RF, GATE VALVE
8	2	100		PIPE SUPPORT AS PER DETAIL 3, DWG 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	201/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0206		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

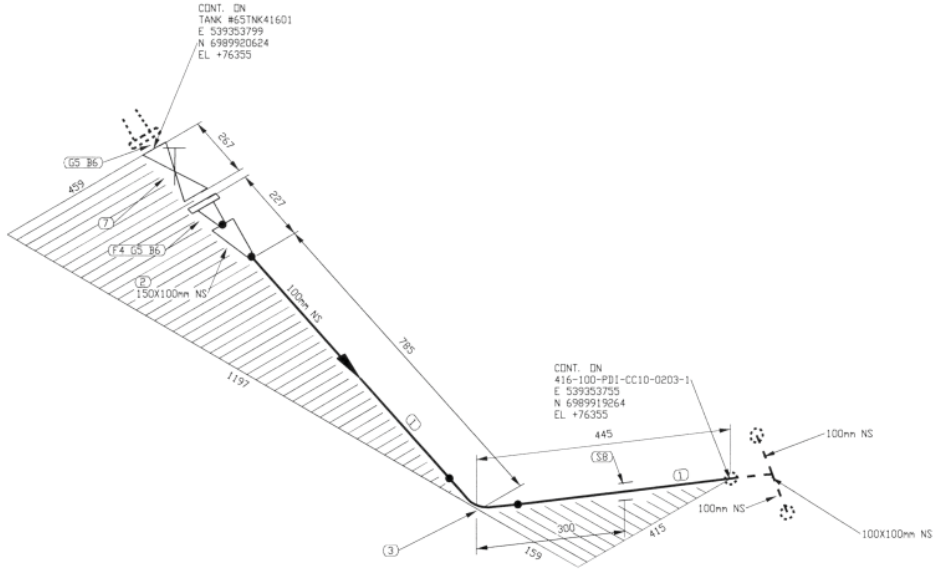
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 416-100-PDI-CC10-0201 TO 65TNK41601

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0206	1/1	1

416-MN-01

FICHIER: M:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-103-1.DWG

IMPRIMÉ LE: May 14, 2018, 10:56am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	926 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	16	19	A 193 B7/A 194 2H	CL 150, B - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	150	GA-10	CL 150, RF, GATE VALVE
8	1	100		PIPE SUPPORT AS PER DETAIL 3, DWG 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0205		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

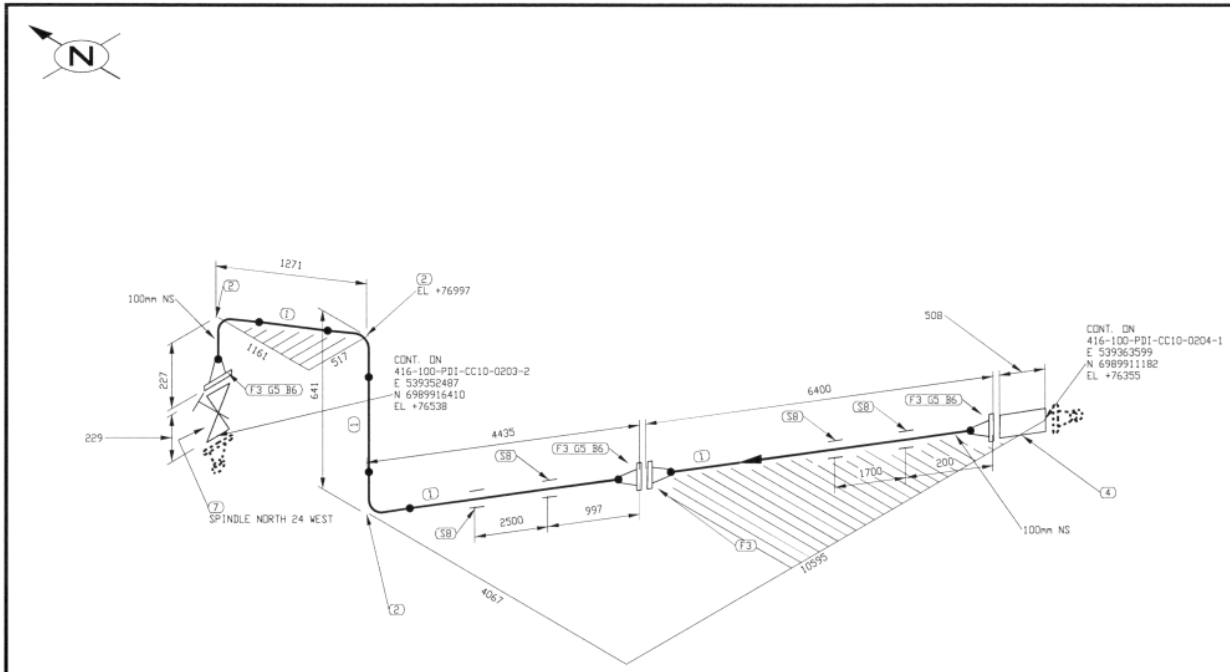
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 416-100-PDI-CC10-0203

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0205	1/1	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-112-1.DWG

IMPRIMÉ LE: May 14, 2018, 11:12am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	11762 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	3	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
3	4	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
4	1	100		CL 150, FLEXIBLE
5	3	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	24	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	100	GA-10	CL 150, RF, GATE VALVE
8	4	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:
AGNICO EAGLE

NUQSANA PROMEC MINING
ultragen
CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0204		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41602 TO 416-100-PDI-CC10-0203

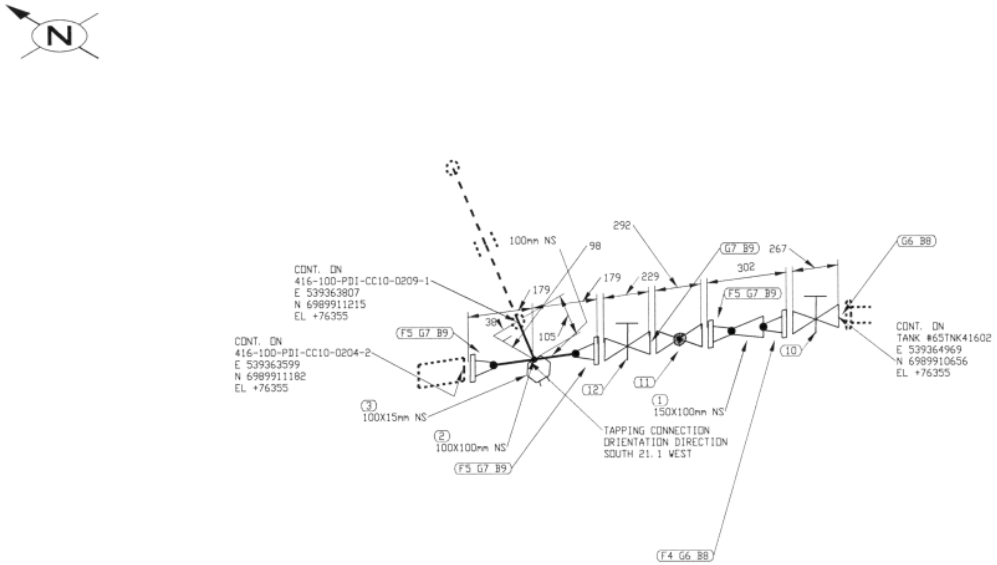
No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0204	2/2	1

2018/05/30

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isometriques\03. Industrial Style\416-100-PDI-CC10-109-2.DWG

IMPRIMÉ LE: May 14, 2018, 11:12am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
7	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
8	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
9	32	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
10	1	150	GA-10	CL 150, RF, GATE VALVE
11	1	100	GL-12	CL 150, RF, GLOBE VALVE
12	1	100	GA-10	CL 150, RF, GATE VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41602 TO 416-100-PDI-CC10-0203

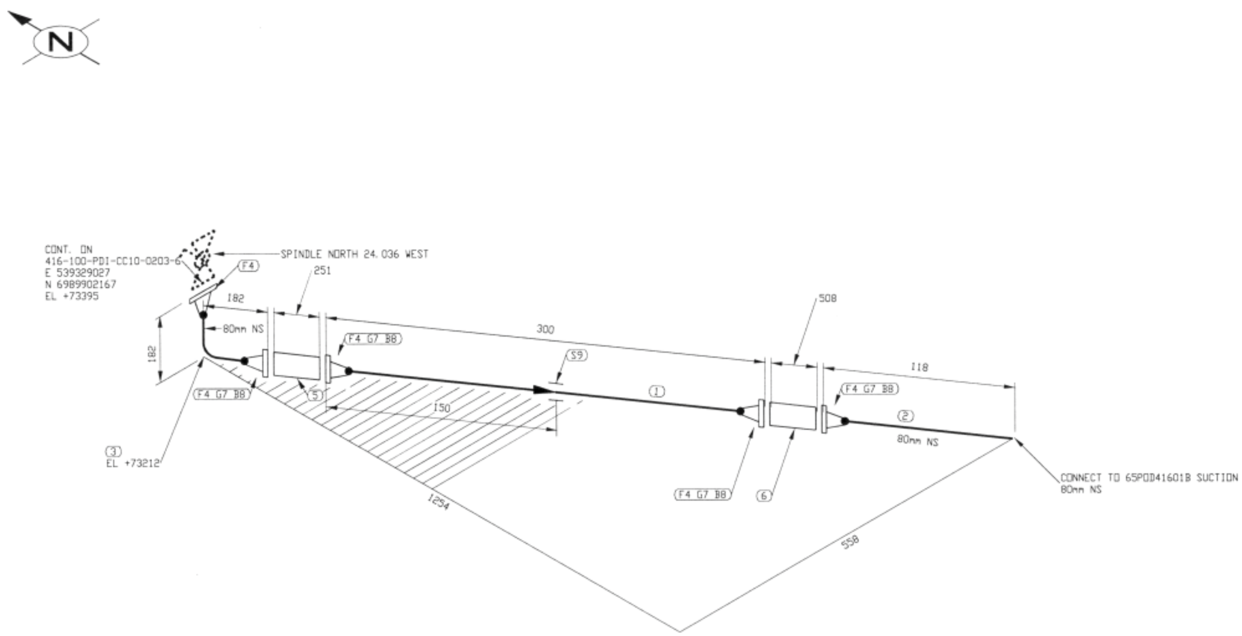
No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0204	1/2	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0204		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

IMPRIMÉ LE: May 14, 2018, 11:11am

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isométriques\03. Industrial Site\A639-100-PDI-CC10-109-1.DWG

416-MN-01



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	163 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE
2	50 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE POExTOE
3	1	80	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	5	80	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	80		CL 150, BASKET STRAINER
6	1	80		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
7	4	80	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
8	16	16	A 193 B7/A 194 2H	CL 150, 4 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
9	1	80		PIPE SUPPORT AS PER DETAIL 4, DWG 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER D. TRUONG LICENSEE NT/NU

2018/05/30

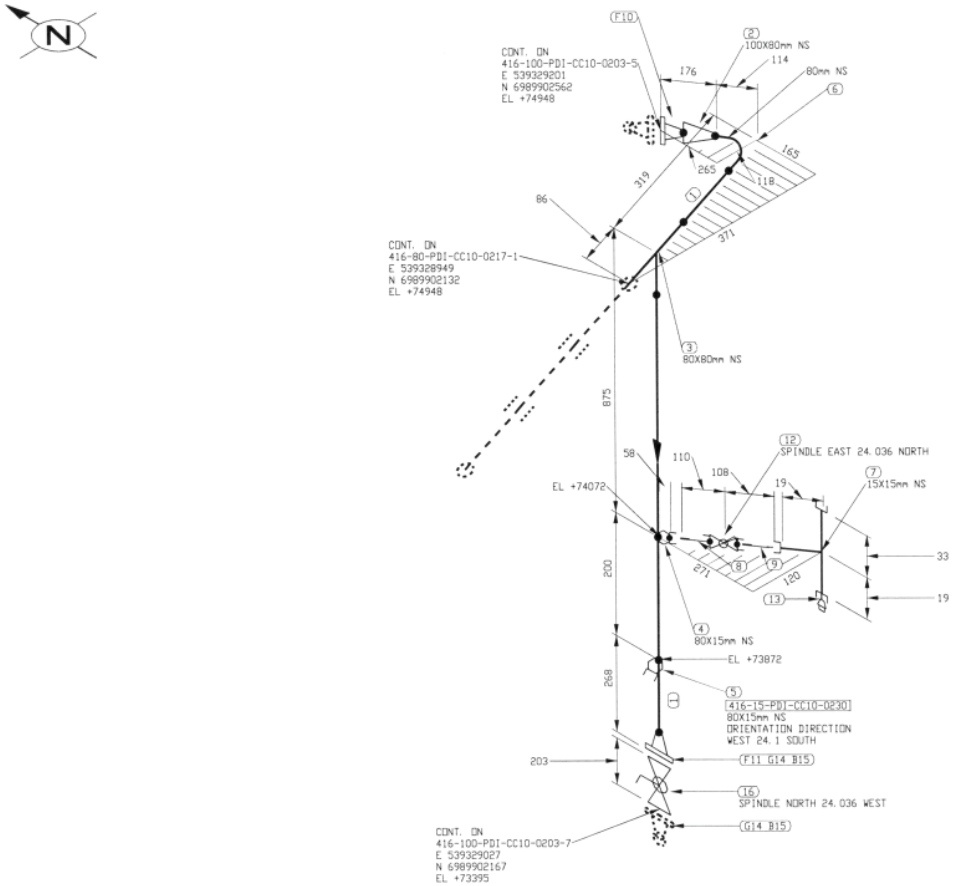
CONC.: A.H.	PROJET: AGNICO EAGLE - MELIADINE DIVISION 416 - FUEL TANK FARM
DATE: 2017/05/29	
DESSINÉ PAR: A.H.	
DATE: 2017/05/29	TITRE: INDUSTRIAL FABRICATION ISOMETRIC DIESEL FROM 65TNK41601 TO 65PDD41601B
VÉR. PAR:	
DATE:	
APP.:	
DATE:	
ÉCHELLE: AUCUNE	

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0203	7/7	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-108-7.DWG

IMPRIMÉ LE: May 14, 2018, 11:10am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1310 MM	80	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X80	A 420 Gr. WPL6	SCH STD, BW CONC RED
3	1	80X80	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
4	1	80X15	A 350 Gr. LF2	CL 3000, SOCKOLET
5	1	80X15	A 350 Gr. LF2	CL 3000, THREDOLET
6	1	80	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
7	1	15X15	A 350 Gr. LF2	CL 3000, THRD STRAIGHT TEE
8	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
9	1	15	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTOE
10	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
11	1	80	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
12	1	15	BA-29	CL 600, SW, BALL VALVE
13	1	15	A 350 Gr. LF2	MNPT SOLID STL BULL PLUG
14	2	80	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
15	8	16	A 193 B7/A 194 2H	CL 150, 4 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
16	1	80	BA-31	CL 150, RF, BALL VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07/	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUOSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 65PDD41601B

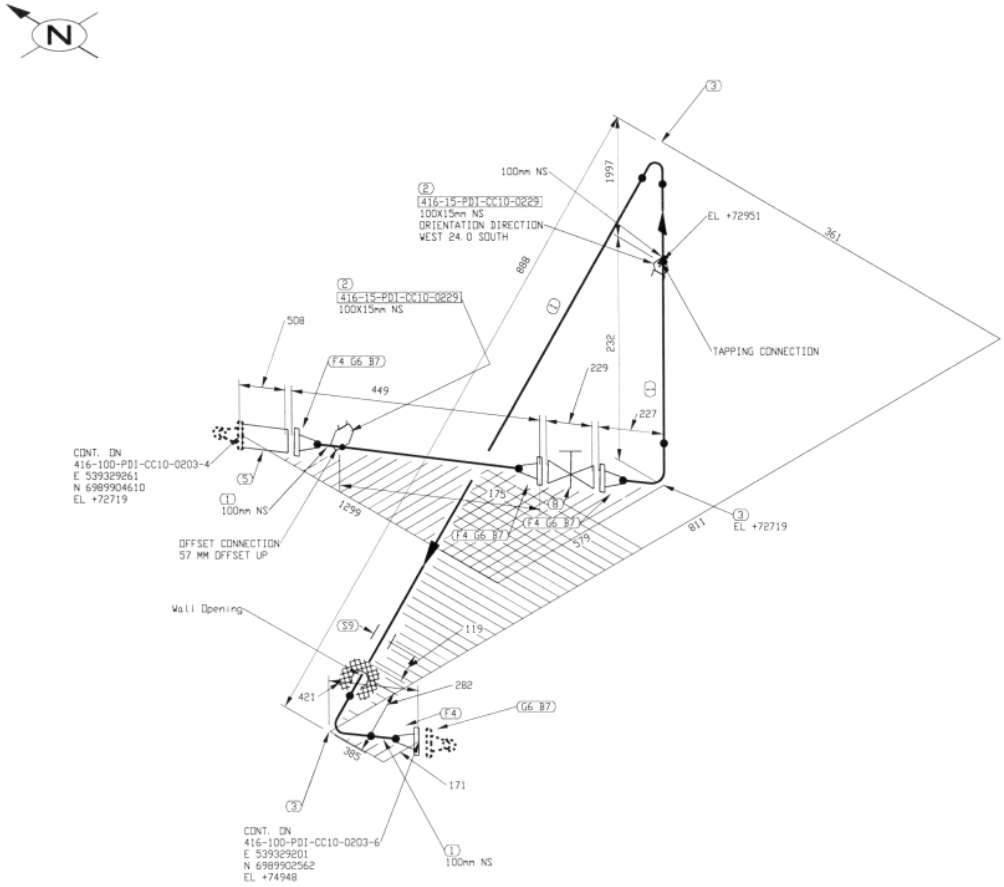
No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0203	6/7	1

2018/05/30

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05 Dessins\02 Isometriques\03 Industrial Site\403-100-PDI-CC10-108-6.DWG

IMPRIMÉ LE: May 14, 2018, 11:10am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	3003 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	2	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	3	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	4	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100		CL 150, FLEXIBLE
6	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
7	32	16	A 193 B7/A 194 2H	CL 150, B - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
8	1	100	GA-10	CL 150, RF, GATE VALVE
9	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUOSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 65PDD41601B

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0203	5/7	1

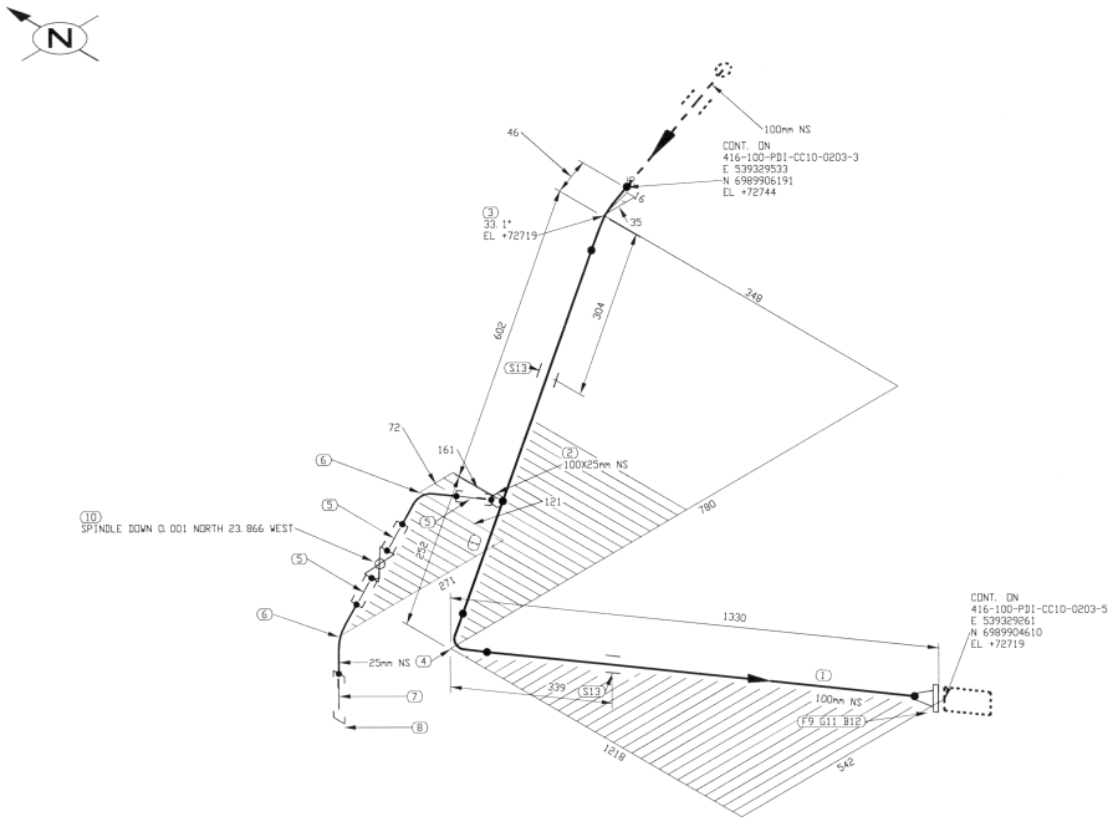
NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

IMPRIMÉ LE: May 14, 2018, 11:06am

2018/05/30

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isometriques\03. Industrial Site\416-100-PDI-CC10-108-5.DWG

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1759 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X25	A 350 Gr. LF2	CL 3000, SOCKOLET
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 33.07
4	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
5	3	25	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
6	2	25	A 350 Gr. LF2	CL 3000, SW 90 DEG ELBOW
7	1	25	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTDE
8	1	25	A 350 Gr. LF2	CL 3000, THRD CAP
9	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
10	1	25	BA-29	CL 600, SW, BALL VALVE
11	1	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
12	8	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
13	2	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL — REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU

2018/05/30

CONC.: A.H. DATE: 2017/05/29
DESSINÉ PAR: A.H. DATE: 2017/05/29
VÉR. PAR: DATE:
APP.: DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 65PDD41601B

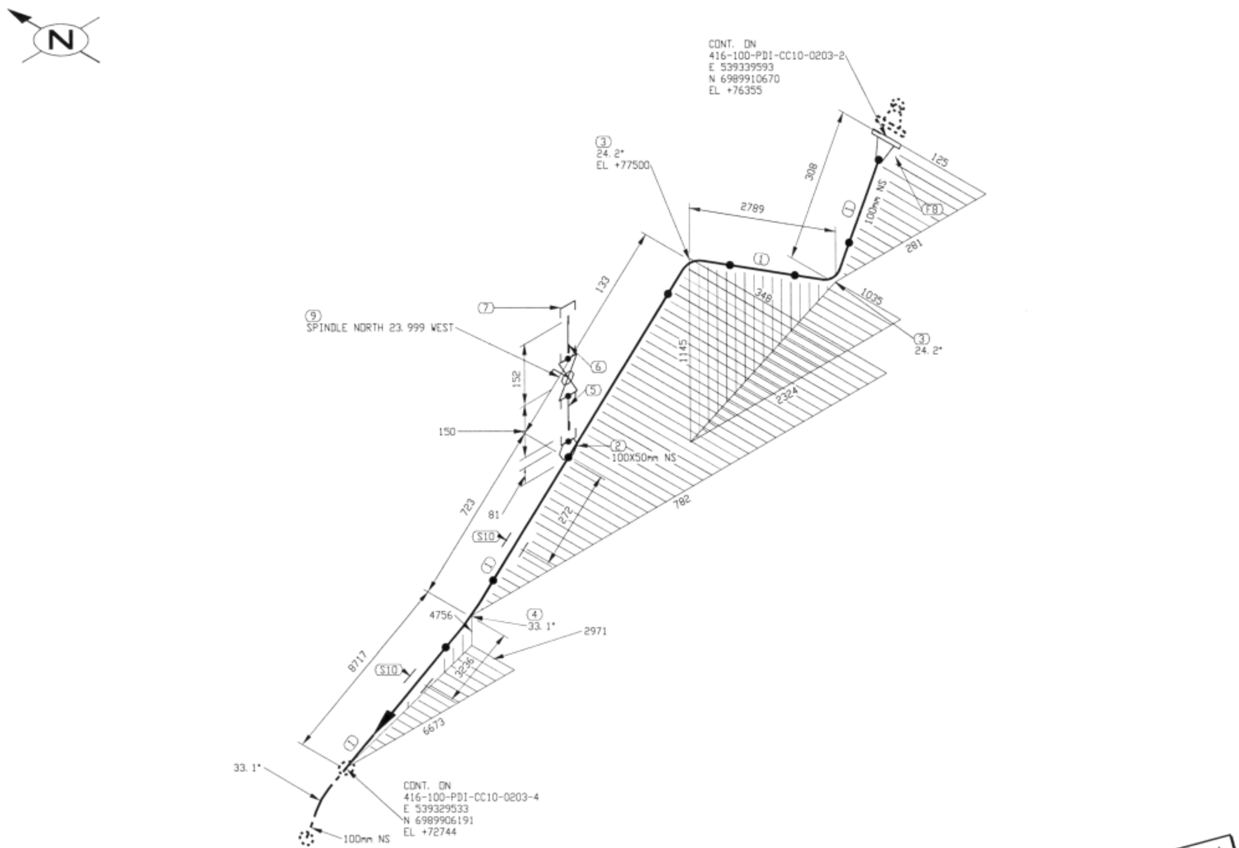
No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0203	4/7	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isometriques\03. Industrial Site\416-100-PDI-CC10-100-4.DWG

IMPRIMÉ LE: May 14, 2018, 11:05am

416-MN-01



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	12371 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X50	A 350 Gr. LF2	CL 3000, SOCKOLET
3	2	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 24.23
4	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 33.07
5	1	50	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
6	1	50	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG POExTOE
7	1	50	A 350 Gr. LF2	CL 3000, THRD CAP
8	1	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
9	1	50	BA-29	CL 600, SW, BALL VALVE
10	2	100		PIPE SUPPORT AS PER DETAIL 3, DWG 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU

2018/05/30

CONC.: A.H. DATE: 2017/05/29
DESSINÉ PAR: A.H. DATE: 2017/05/29
VER. PAR: DATE:
APP.: DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 416-100-PDI-CC10-0203 TO 65PDD41601A

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0203	3/7	1

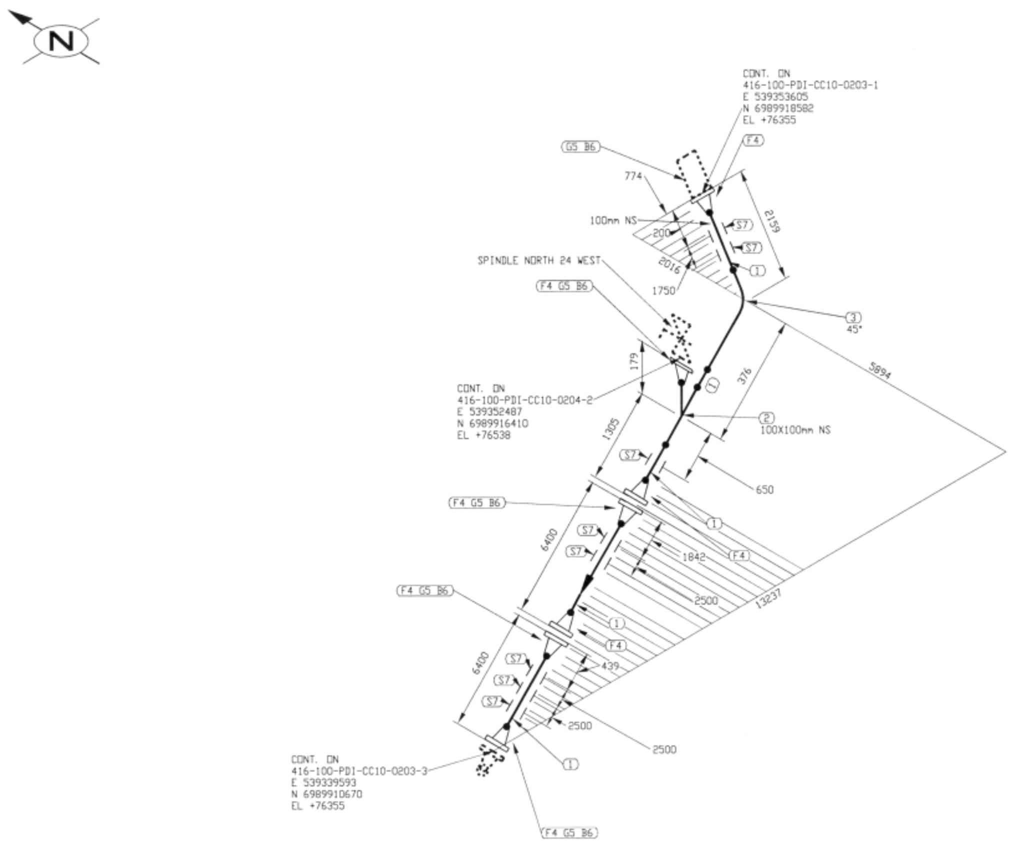
NO. DE CONDUITE	SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203	CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS

PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: N:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-108-3.DWG

IMPRIMÉ LE: May 14, 2018, 11:02am

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	15852 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW
4	7	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	5	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	8	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature [signature]
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU
2018/05/30

CONC.: A.H. DATE: 2017/05/29
DESSINÉ PAR: A.H. DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 65POD41601B

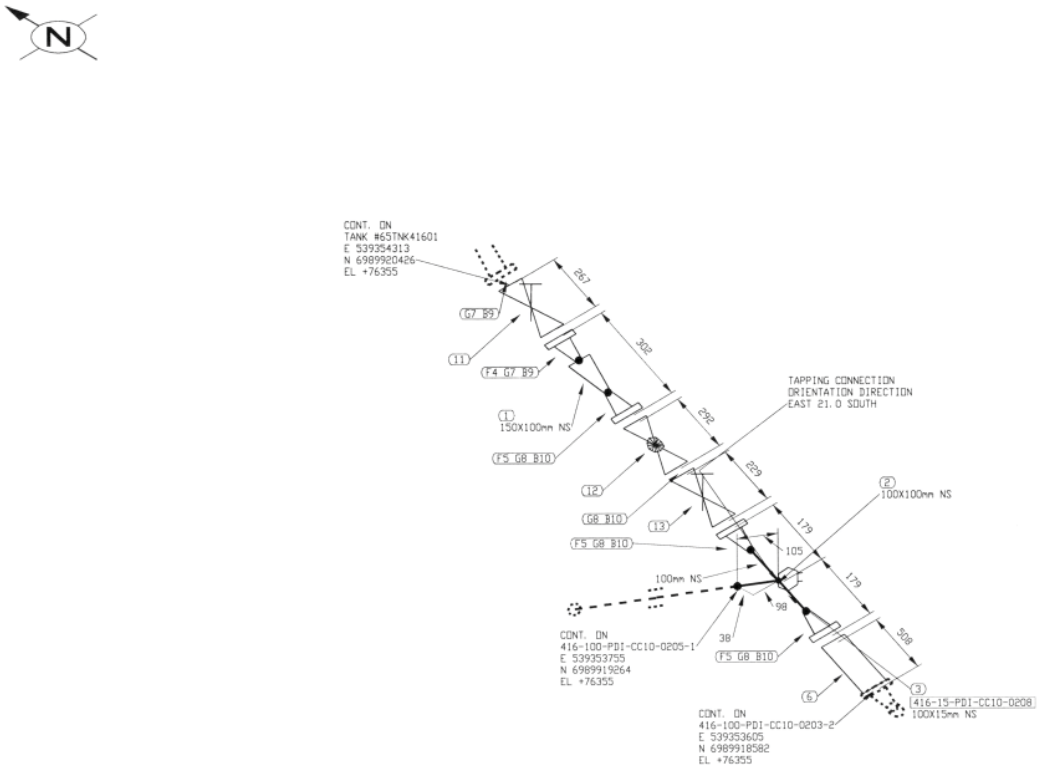
No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0203	2/7	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-108-2.DWG

IMPRIMÉ LE: May 14, 2018, 11:02am

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	1	100		CL 150, FLEXIBLE
7	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
8	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
9	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
10	32	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
11	1	150	GA-10	CL 150, RF, GATE VALVE
12	1	100	GL-12	CL 150, RF, GLOBE VALVE
13	1	100	GA-10	CL 150, RF, GATE VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR. / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0203		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

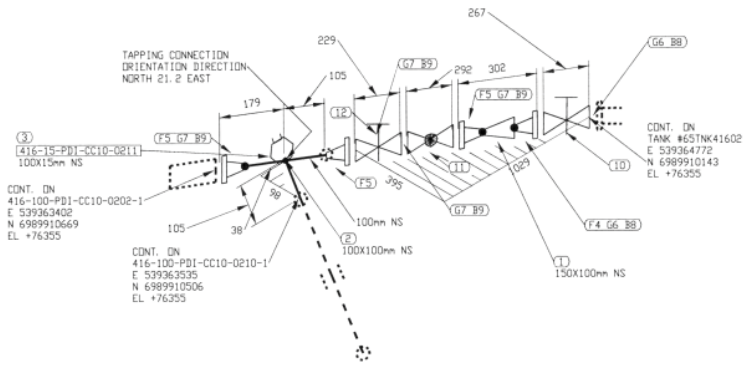
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65TNK41601 TO 65PUD41601B

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0203	1/7	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isometriques\01. Industrial Style\4030-100-PDI-CC10-1208-1.DWG

IMPRIMÉ LE: May 14, 2018, 11:01am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDDLET
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
7	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
8	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
9	32	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
10	1	150	GA-10	CL 150, RF, GATE VALVE
11	1	100	GL-12	CL 150, RF, GLOBE VALVE
12	1	100	GA-10	CL 150, RF, GATE VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0202		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 416-100-PDI-CC10-0201 TO 65TNK41602

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0202	2/2	1

416-MN-01

FICHIER: K:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isometriques\03. Industrial Style\416-100-PDI-CC10-1204-2.DWG

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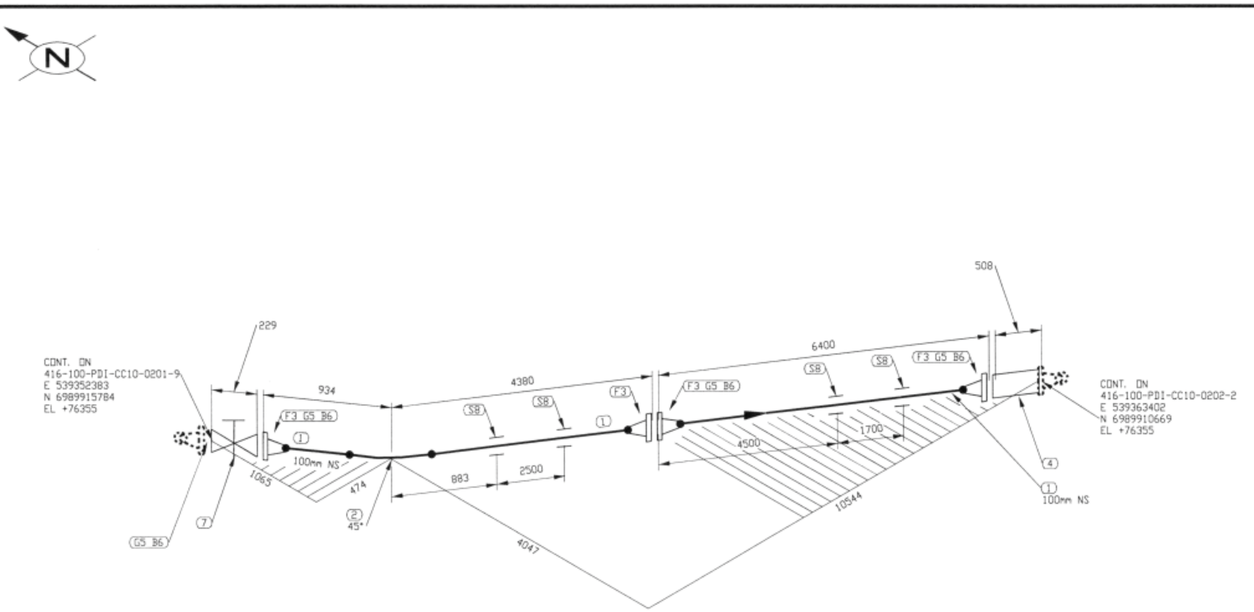

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	11287 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW
3	4	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
4	1	100		CL 150, FLEXIBLE
5	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	32	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	100	GA-10	CL 150, RF, GATE VALVE
8	4	100		PIPE SUPPORT AS PER DETAIL 3, DWG 65-416-270-200

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LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU

2018/05/30

CONC.: A.H.	PROJET:
DATE: 2017/05/29	AGNICO EAGLE - MELIADINE DIVISION
DESSINÉ PAR: A.H.	416 - FUEL TANK FARM
DATE: 2017/05/29	TITRE:
VÉR. PAR:	INDUSTRIAL
DATE:	FABRICATION ISOMETRIC
APP.:	DIESEL FROM 416-100-PDI-CC10-0201 TO 65TNK41602
DATE:	
ÉCHELLE: AUCUNE	

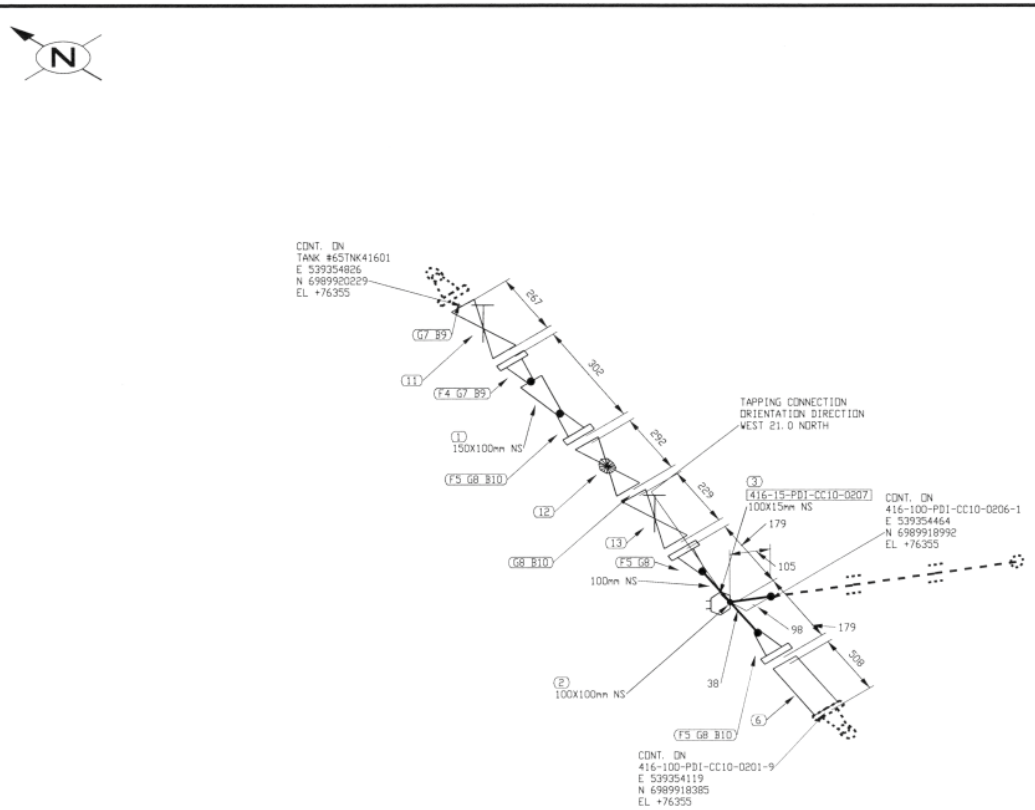
No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0202	1/2	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0202		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403I-100-PDI-CC10-104-1.DWG

IMPRIMÉ LE: May 14, 2018, 10:57am

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	1	150X100	A 420 Gr. WPL6	SCH STD, BW CONC RED
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
4	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
6	1	100		CL 150, FLEXIBLE
7	2	150	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
8	4	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
9	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWO HEAVY HEX NUTS
10	24	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
11	1	150	GA-10	CL 150, RF, GATE VALVE
12	1	100	GL-12	CL 150, RF, GLOBE VALVE
13	1	100	GA-10	CL 150, RF, GATE VALVE

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65POD41602A TO 65TNK41601

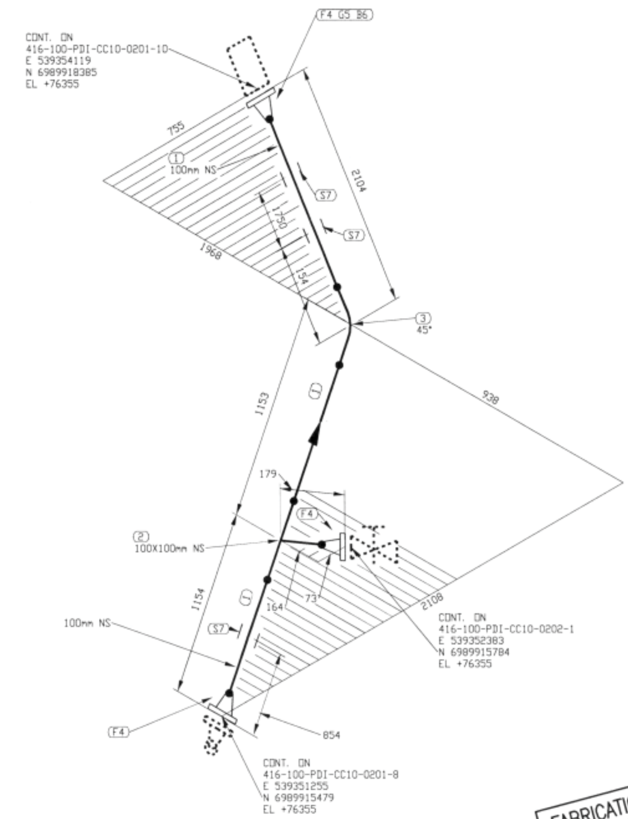
No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0201	10/10	1

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: K:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\05. Industrial Style\403-100-PDI-CC10-102-10.DWG

IMPRIMÉ LE: May 14, 2018, 10:55am

416-MN-01



FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	3924 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW
4	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	8	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	3	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 3 0 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

CLIENT: AGNICO EAGLE

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

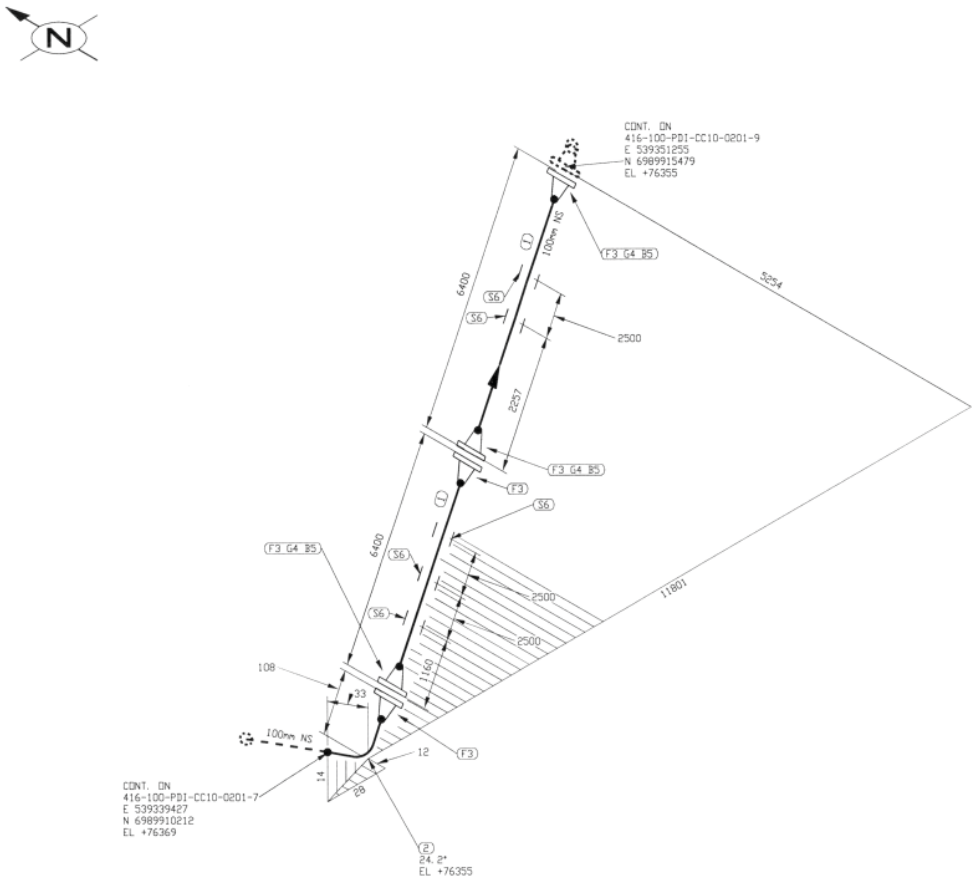
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65PDD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0201	9/10	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403I-100-PDI-CC10-102-9.DWG

IMPRIMÉ LE: May 14, 2018, 10:54am



LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	12500 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 24.23
3	5	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
4	3	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
5	24	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
6	5	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

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CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER D. TRUONG LICENSEE NT/NU

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VER. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65POD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0201	8/10	1

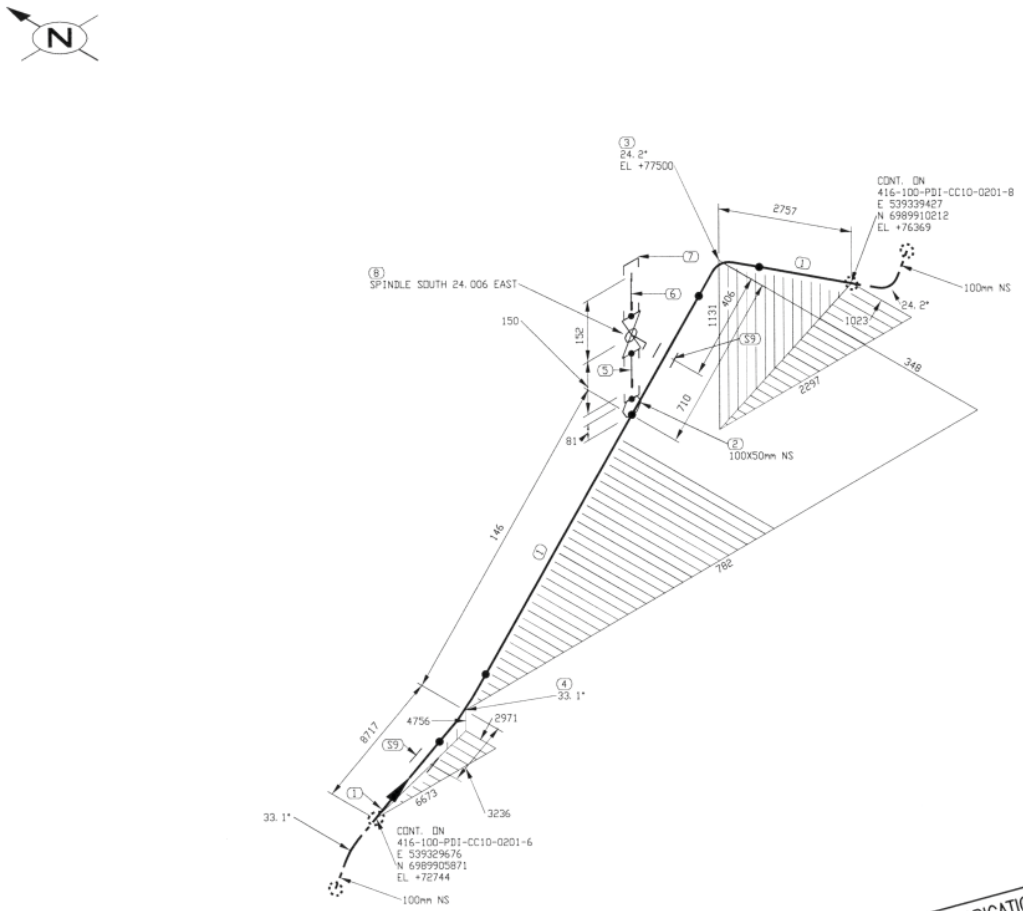
NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-102-B.DWG

IMPRIMÉ LE: May 14, 2018, 10:54am

2018/05/30

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	12172 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X50	A 350 Gr. LF2	CL 3000, SOCKOLET
3	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 24.23
4	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 33.07
5	1	50	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
6	1	50	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTOE
7	1	50	A 350 Gr. LF2	CL 3000, THRD CAP
8	1	50	BA-29	CL 600, SW, BALL VALVE
9	2	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET:
AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE:
INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65PDD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0201	7/10	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isométriques\03. Industrial Style\416-100-PDI-CC10-102-7.DWG

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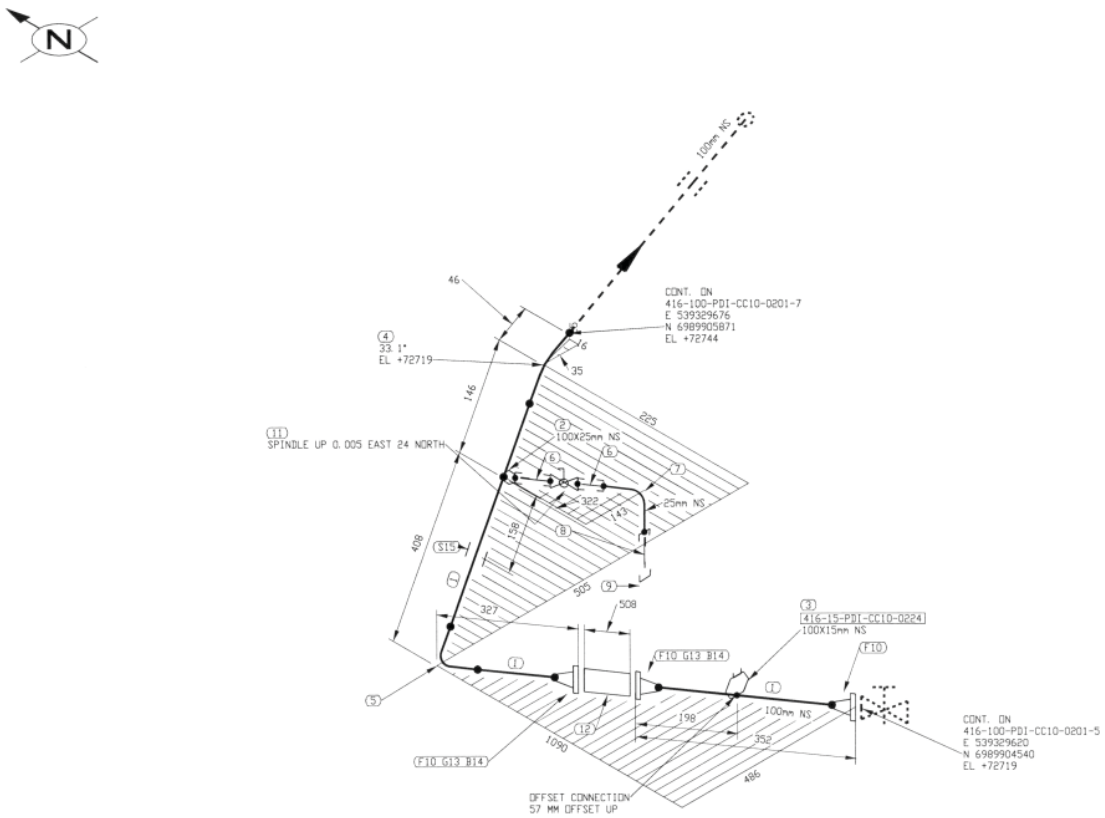

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	659 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X25	A 350 Gr. LF2	CL 3000, SOCKOLET
3	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
4	1	100	A 420 Gr. WPL6	SCH STD, BW LR 45 DEG ELBOW TRIM TO 33.07
5	1	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
6	2	25	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PBE
7	1	25	A 350 Gr. LF2	CL 3000, SW 90 DEG ELBOW
8	1	25	A 333 Gr. 6	SCH 80, NIPPLE x 75mm LG PDExTDE
9	1	25	A 350 Gr. LF2	CL 3000, THRD CAP
10	3	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
11	1	25	BA-29	CL 600, SW, BALL VALVE
12	1	100		CL 150, FLEXIBLE
13	2	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
14	16	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
15	1	100		PIPE SUPPORT AS PER DETAIL 3, DWG: 65-416-270-200

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date MAY 30 2018
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

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CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU

2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

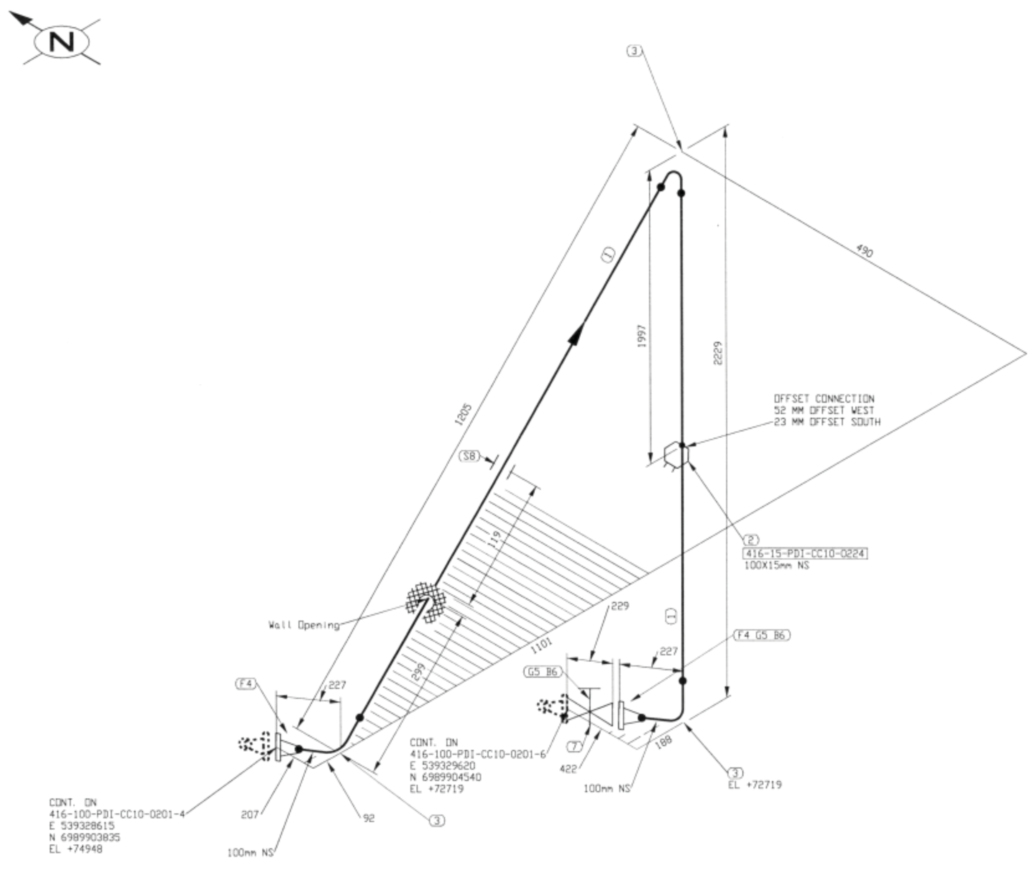
TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65POD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0201	6/10	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isométriques\03. Industrial Site\416-100-PDI-CC10-102-6.DWG

IMPRIMÉ LE: May 14, 2018, 10:52am



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	2826 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X15	A 350 Gr. LF2	CL 3000, THREDOLET
3	3	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	2	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	2	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
6	16	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
7	1	100	GA-10	CL 150, RF, GATE VALVE
8	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date 2018-05-30.
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER — D. TRUONG — LICENSEE — NT/NU — 2018/05/30

CONC.: A.H.	PROJET: AGNICO EAGLE - MELIADINE DIVISION 416 - FUEL TANK FARM
DATE: 2017/05/29	
DESSINÉ PAR: A.H.	
DATE: 2017/05/29	
VÉR. PAR:	TITRE: INDUSTRIAL FABRICATION ISOMETRIC DIESEL FROM 65PDD41602A TO 65TNK41601
DATE:	
APP.:	
DATE:	
ÉCHELLE: AUCUNE	

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0201	5/10	1

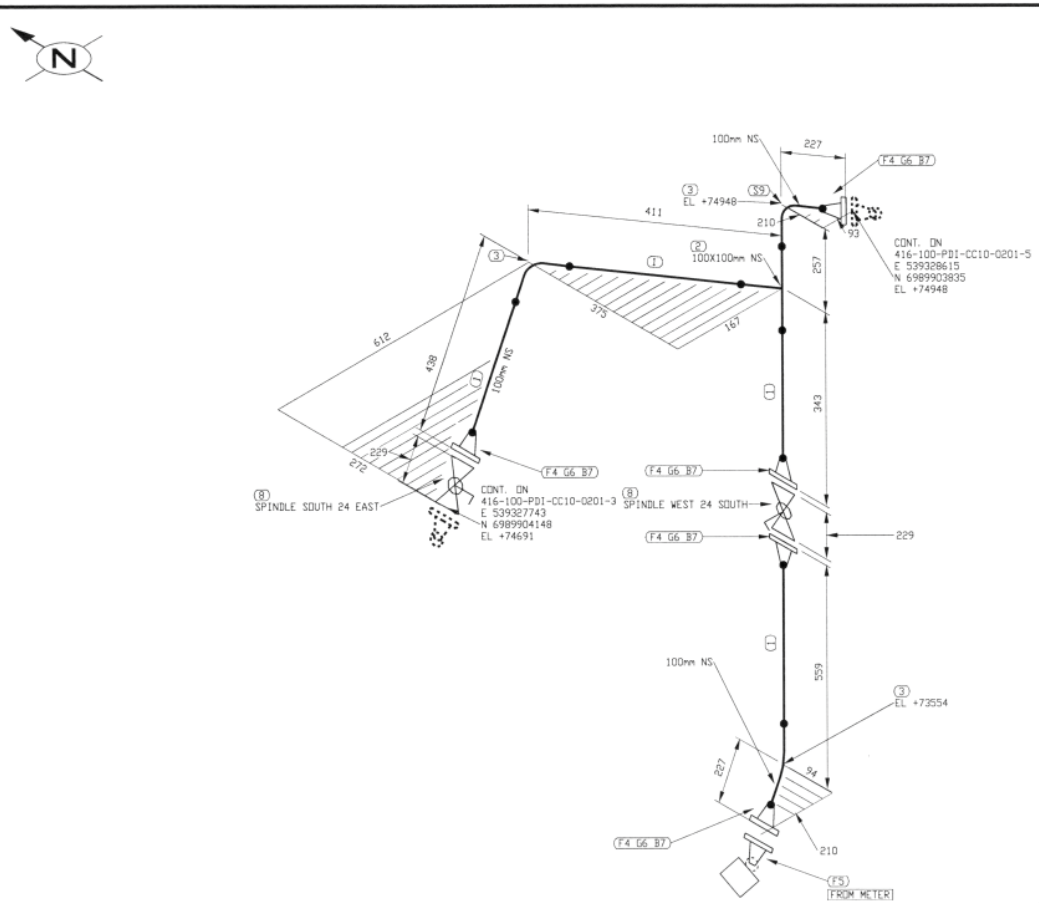
NO. DE CONDUITE	SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201	CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS

PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-102-5.DWG

IMPRIMÉ LE: May 14, 2018, 10:52am

416-MN-01



FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	861 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	3	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	5	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100	A 350 Gr. LF2	TCS METER UNIT (700-40)
6	5	100	ASME B16.20	CL 150, GARLOCK 3500, RING TYPE GASKET 1/8" THK
7	40	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
8	2	100	BA-31	CL 150, RF, BALL VALVE
9	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date 2018-05-30
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR / APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL
REGISTERED PROFESSIONAL ENGINEER
D. TRUONG
LICENSEE
NT/NU
2018/05/30

CONC.: A.H.
DATE: 2017/05/29
DESSINÉ PAR: A.H.
DATE: 2017/05/29
VÉR. PAR:
DATE:
APP.:
DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65POD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	REV.
6515	416-100-PDI-CC10-0201	4/10	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Isometriques\03. Industrial Site\403-100-PDI-CC10-102-4.DWG

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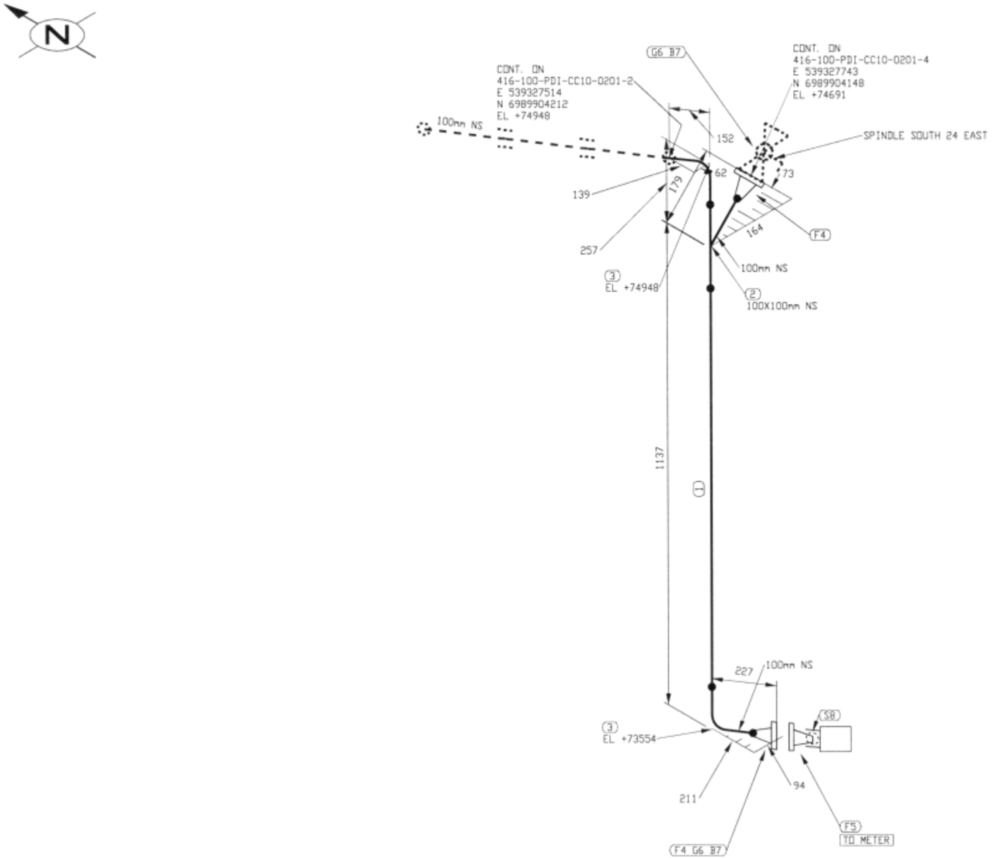

FABRICATION DRAWINGS BASED ON WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

No	QTE	DIA	MATERIEL/CATALOGUE	DESCRIPTION
1	880 MM	100	A 333 Gr. 6	SCH STD, SMLS PIPE
2	1	100X100	A 420 Gr. WPL6	SCH STD, BW STRAIGHT TEE
3	2	100	A 420 Gr. WPL6	SCH STD, BW LR 90 DEG ELBOW
4	2	100	A 350 Gr. LF2	CL 150, SCH STD, RF, WN FLANGE
5	1	100	A 350 Gr. LF2	TCS METER UNIT (700-40)
6	2	100	ASME B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8" THK
7	16	16	A 193 B7/A 194 2H	CL 150, 8 - 15.875 X 90 STUD BOLTS c/w TWO HEAVY HEX NUTS
8	1	100		PIPE SUPPORT BY CONTRACTOR

PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LTÉE
Signature
Date 2018-05-30
PERMIT NUMBER: P 1180
NT/NU Association of Professional Engineers and Geoscientists

No.	DATE	REVISION	PAR	APP.
1	2018/05/18	LINE NUMBERS & PROJECT TITLE REVISED	QVN	
0	2017/07/07	ISSUED FOR CONSTRUCTION	QVN	

CLIENT: AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION		
416-100-PDI-CC10-0201		CC10	PDI					65-416-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-416-205-201	P&ID
PSIG	°F	PSIG	°F	PSIG				No. DESSIN	DESSINS DE REFERENCE

SCEAU PROFESSIONNEL: REGISTERED PROFESSIONAL ENGINEER D. TRUONG LICENSEE NT/NU
2018/05/30

CONC.: A.H. DATE: 2017/05/29
DESSINÉ PAR: A.H. DATE: 2017/05/29
VÉR. PAR: DATE:
APP.: DATE:
ÉCHELLE: AUCUNE

PROJET: AGNICO EAGLE - MELIADINE DIVISION
416 - FUEL TANK FARM

TITRE: INDUSTRIAL
FABRICATION ISOMETRIC
DIESEL FROM 65PDD41602A TO 65TNK41601

No PROJET	No DESSIN	PAGES	RÉV.
6515	416-100-PDI-CC10-0201	3/10	1

416-MN-01

FICHIER: W:\Agnico Eagle\Meliadine\591700 (Fuel Distribution)\05. Dessins\02. Tuyauterie\02. Isométriques\03. Industrial Site\403-100-PDI-CC10-102-3.DWG

IMPRIMÉ LE: May 14, 2018, 10:50am