

68033

NOTE:
1. CONTRACTOR MUST ASSESS ALL RISKS
BEFORE ANY VALUE TRANSFER BLOCK.

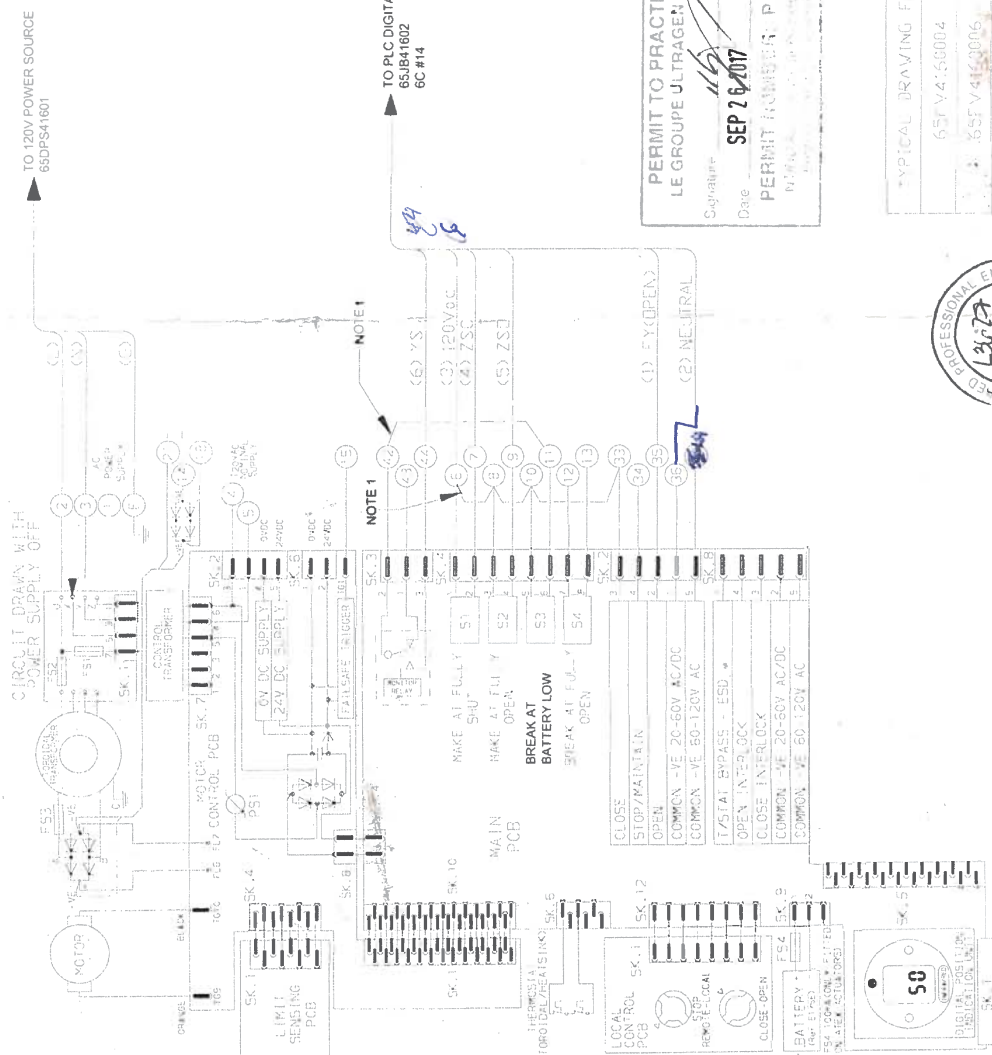
2. S3 SWITCH MUST BE PROGRAMMED FOR BA (B) OR CA (C) OPERATION.

A VALUE TO BE COMBINED WITH THE CONTROL MODE, TO OPEN, DE-ENERGIZE TO CLOSE (CONFIGURE FOR OPEN PROPERTY)

N M E
L N G

$$12 - 48 = 36$$
$$\begin{aligned} 3 &= 6 \\ 4 &= 7 \\ 5 &= 9 \\ 1 &= 35 \end{aligned}$$

ISSUED FOR CONSTRUCTION
DATE: SEPT 2017



PERMIT TO PRACTICE
LE GROUPE ULTRAGEN LEE

11/15/2011

SEP 26 2017

REF ID: A130

ANALYTICAL DIVISION

7:05:17 AM 7/25/2011

[illegible]

SEP 26 2017

tbl

APPENDIX F

Inspection Report – Handover Package for Tank #4

AS BUILT DRAWING BINDER TANK 4 – 6,000CUM

AEM PURCHASE ORDER: OC-568510

AEM PACKAGE NO.: 6515-C-260-002

PACKAGE TITLE: FUEL TANKS (SUPPLY & INSTALL)

ICL Project No.: 295

ICL Document No.: 295-B4 As-Built

AEM Document No.: 6515-C-260-002-141-QCR-0010_Sub001

Revision: 0

OWNER:

Agnico Eagle Mines Limited

145 King St. East, Suite 400

Toronto, ON

M5C 2Y7

GENERAL CONTRACTOR:

Inukshuk Construction Limited

PO Box 654

Rankin Inlet, NU

X0C 0G0

Contact: David Mosher

PH: (867) 645-4030

FX: (902) 429-7762

Submitted by: Inukshuk Construction Limited

Date Submitted: July 25, 2018

		Vendor Document Status	
AGNICO EAGLE			
1	☐ Proceed to next submission and status.		
2	☐ Proceed with exceptions as noted to next submission and status.		
3	☐ Do not proceed. Revise as noted and resubmit next submission and status.		
4	☐ Complete, no further submission required.		
By:		Date:	
Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.			
Agnico Eagle No.		6515-C-260-002-141-QCR-0010 R: Sub001	
DOCUMENT FOR INFORMATION			

Index Tank No. 4 – 6,000CUM

Drawing No.	Description	Sheet No.	Rev
TK#4ITP	Inspection & Test Plan	1, 2	0
TK#4FAST.	Fastener List	1	0
65-416-210-201	Portal #1 Fuel Tank Farm Fuel Distribution Plan General Arrangement (Reference Only)	1	0
295-M4	Floor & Roof Layouts	1, 2	1
295-M7	Shell Plates and Angle Rolling Details	4	4
295-M8	Reinforcing Plate Details	7, 8, 13	4
295-M12	Erection Drawing	1-6	3
295-M15	Manholes Details	7, 8	3
295-M16	Nozzles Detail	2, 6, 11, 13 14, 15, 16, 18, 19, 21	3
295-M17	Pipe Support, Misc. Bracket, Grounding Lugs	1-4	2
295-M18	Manhole Cover Davit	1	0
17-03-4-001	Mid Platform Detail	1	0
17-03-4-002	Inside Stringer	1	0
17-03-4-003	Outside Stringer Detail	1	0
17-03-4-004	Stair Stringer Supports	1	0
17-03-4-005	Top Platform Detail	1	0
17-03-4-006	Stair Handrail Detail	1	0

INSPECTION & TEST PLAN

Client: AGNICO EAGLE	Tank Tag: TK #4	Document: TK#4 ITP
Project ID: MELIADINE GOLD MINE	Work Order: 295	Revision: 0

Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	Witness, Hold, Review		
							Points		
							Client	Q.C.	Sign/Date
1	Kick-Off Meeting	Kickoff Meeting	N/A	Meeting Minutes	N/A				H
2	Signature Log	Verify	N/A	Signature Log	N/A				H
3	Welder Qualification	Verify	N/A	Individual Welder Qualifications / Welder Log	API-650 / ASME IX				H
4	Inspector Qualification	Verify	N/A	In house Inspector & 3 rd Party Qualifications	API-650				H
5	Weld Procedures	Verify	N/A	Approved Weld Procedures	API-650 / ASME IX, CWB W47.1				H
6	Welding Consumable	Electrode Storage	N/A	N/A	Manufacturer's Instructions				R
7	Foundation	Foundation Survey	DC	Foundation Acceptance Report, Compaction Report & Survey from 3rd Party	API-650 Para 7.5.5				H
8	Floor	Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR of all plate under shell.			
		Fit up	VE, DC	As Built Drawing	Drawing	per API-650 5.1.5.4 - bottom plates under the shell shall have the outer ends of the joints fitted and lap-welded to form a smooth bearing surface.			R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Vacuum Test	VB	Vacuum Box Test Report	API-650 Para 7.3.3(a) & 8.6				W
9	Shell to Floor Seams	Initial Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1				R
		Final Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1				R
		Diesel Test	NDT	Leak Test Report	API-650 Para 7.2.4.1 d)				W
		Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR of all plate			H
10	Shell	Fit up 1 st Course	VE, DC	As Built Drawing	Drawing				R
		Roundness	DC	Dimension Report	API-650 Para 7.5.3				H
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2, 7.5, 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
		Diesel Test Shell Welds	NDT	Leak Test Report	API-650 Para 7.3.6.2(a)i)				W
		UT – All Shell	NDT	UT report / Log / Map	API-650 Para Annex U	Shell less than 3/8" shall be interpreted as 3/8" as a modification of API-650. All T joint UT.			H
		Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
11	Compression Ring	Fit up	VE, DC	As Built Drawing	As Built Drawing				R
12	Roof	Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Fit up	VE, DC	As Built Drawing	Drawing				R
13	Roof Structure	Column Plumbness	DC	Dimension Report	API-650 Para 7.5.2 b)				H
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R

Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	Witness, Hold, Review		
							Points		Q.C.
							Client	Sign/Date	
14	Nozzles	Layout	VE, DC	As Built Drawing	Drawing				H
		Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
15	Manway	Shell Nozzle Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5				W
		MPI	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Nozzles			W
		Layout	VE, DC	As Built Drawing	Drawing				H
		Fit up	VE, DC	As Built Drawing	Drawing				R
16	Manway	Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
		Shell Manway Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5				W
		MPT	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Manways			R
17	Internals	Layout / Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Stillwell Plumbness	DC	Dimension Report	API-650 Para H.4.5				R
		MPI or LP	NDT	NDT Report	Sump Welds (if applicable) 7.3.4	MPI all welds			H
18	Externals	Layout / Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
19	Bolts & Nuts	Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
20	Final	Inspection	VE, DC	As Built Drawing	Drawing	Bolt Torque			W
		Name Plate Verification	N/A	Scan of Name Plate	Drawings				H
20	Final	Final Inspection	FI	As Built Drawings, Data Sheet, Manufacturer's Certification (3 rd Party), Punch List	Drawings				H

DEFINITIONS:

W - WITNESS: Specified activity to be observed by an outlined party. QC to provide the applicable party 24 hours notice of witness point.

H - HOLD: Specified component or installation to be inspected by an outlined party. No further activities specific to the component or installation may proceed until inspection is carried out. QC to provide the applicable party 24 hours notice of hold point.

R - REVIEW: Specified documentation and specifications applicable to a particular component and/or installation to be examined by an outlined party.

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

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

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

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

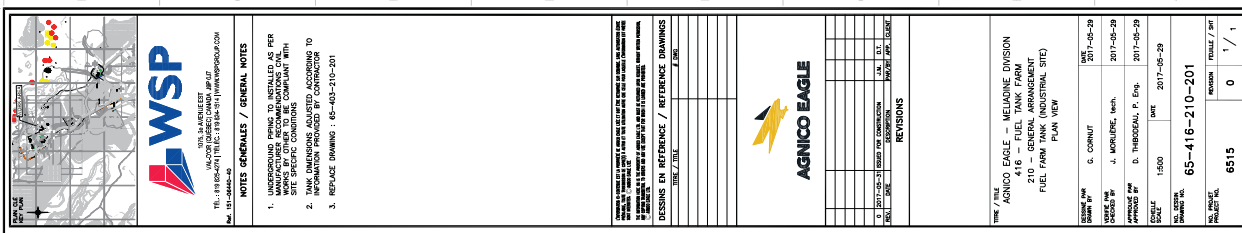
VE - VISUAL Examination: Specified component and/or installation to be examined visually according to specified documentation and specification.

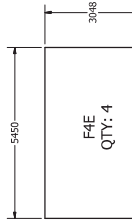
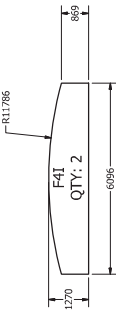
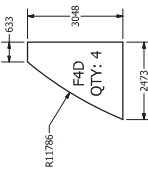
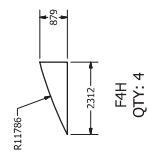
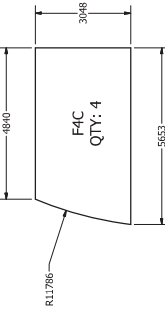
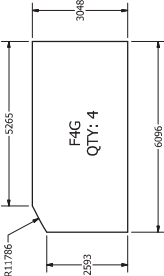
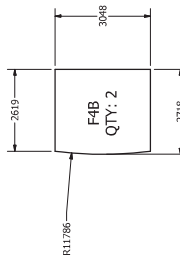
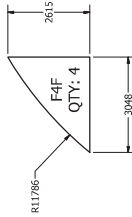
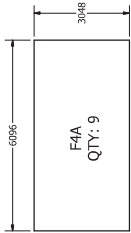
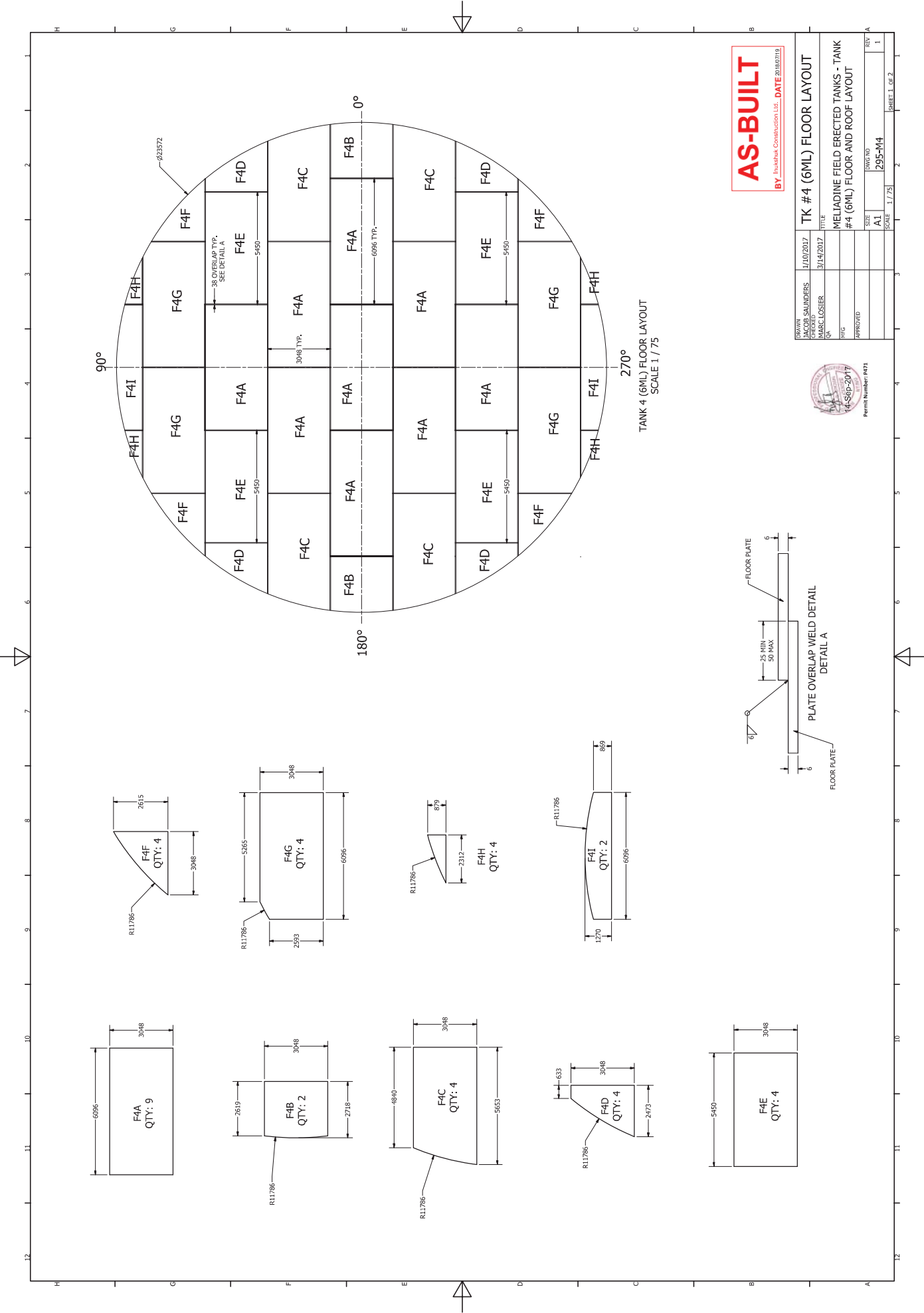
VB - VACUUM-BOX TEST: Specified component and/or installation to be vacuum box tested according to specified documentation and specifications.

Tank #	qty	Qty of Component	Connection	Description	Lght (in)
4	80.00	40	Shell to Rafter Connection	Bolt, Structural A325, 5/8"	1.75
4	80.00	40	Rafter to Center Column	Bolt, Structural A325, 5/8"	3
4	160.00			Nut, Structural heavy hex 5/8"	
4	320.00			Washer, type A, 5/8"	
4	168.00	4	36"Shell Manhole	Stud, L7, 3/4"	3 3/4
4	48.00	6	6" in/out Nozzle	Stud, L7, 3/4"	4
4	24.00	6	3" Water Drawoff	Stud, L7, 5/8"	3 1/2
4	60.00	3	24" Roof manhole	Stud, L7, 5/8"	2 1/4
4	20.00	1	24" Roof manhole emergency vent	Stud, L7, 5/8"	9.5
4	16.00	1	16" Vent	Stud, L7, 1"	5 1/4
4	8.00	1	8" Roof Nozzle	Stud, L7, 3/4"	4 1/4
4	8.00	1	6" Gauge Hatch	Stud, L7, 3/4"	4
4	4.00	4	36"Shell Manhole	Gasket, Ring, Durlon 8500, 1/8", 1051 o.d.x 914 i.d.	
4	6.00	6	6" in/out Nozzle	Gasket, Ring, Durlon 8500, 1/8" x 6" x 150#	
4	6.00	6	3" Water Drawoff	Gasket, Ring, Durlon 8500, 1/8" x 3" x 150#	
4	4.00	4	24" Roof manhole	Gasket, Ring, Durlon 8500, 1/16" x 762 x 610	
4	1.00	1	8" High Level	Gasket, Ring, Durlon 8500, 1/16" x 150#, 8"	
4	1.00	1	6" Gauge Hatch	Gasket, Full Face, Durlon 8500, 1/16" x 150#, 6"	
4	32.00			Nut, A194, Gr. 4, 1"	
4	464.00			Nut, A194, Gr. 4, 3/4"	
4	304.00			Nut, A194, Gr. 4, 5/8"	

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

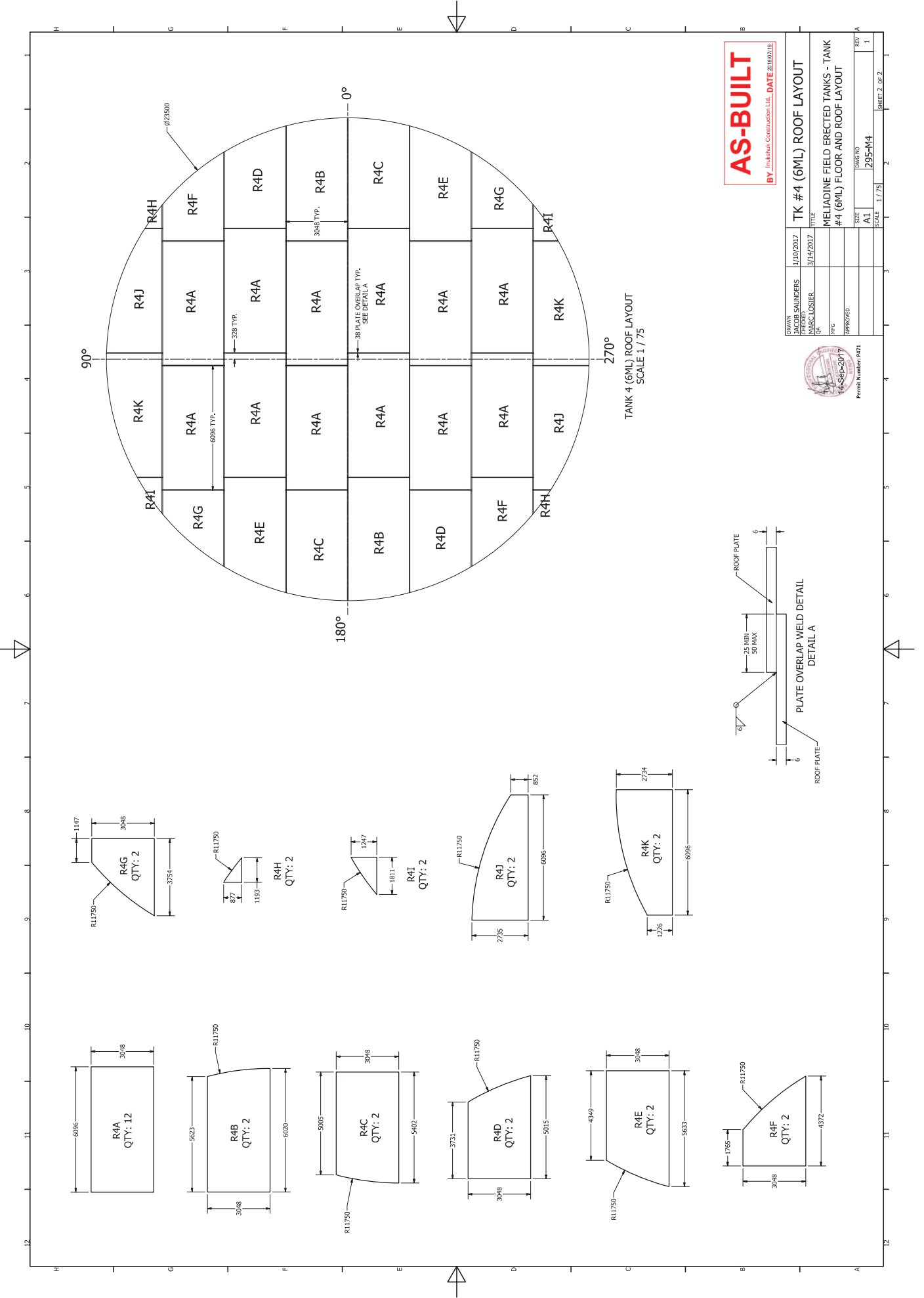


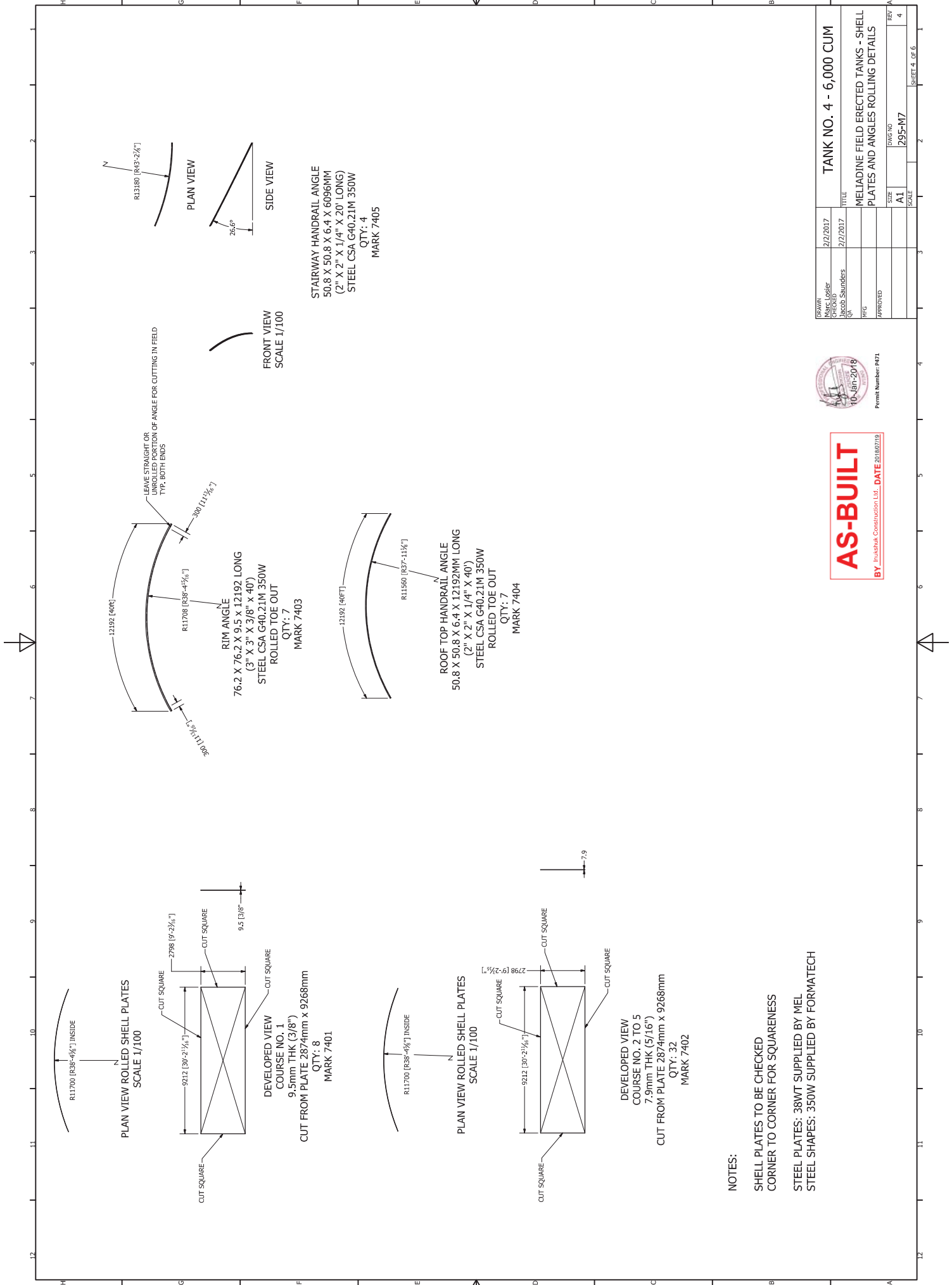


DRAWN	11/10/2017	TK #4 (6ML) FLOOR LAYOUT
JACOB SAUNDERS	3/14/2017	TITLE
MARC LOSER		QA
TRIG		APPROVED
PERMIT NUMBER: 44-S8D-2017		
SIZE	DATE	REV
A1	20/03/2019	1
SCALE	1/75	SHEET 1 OF 2



Permit Number: 4471





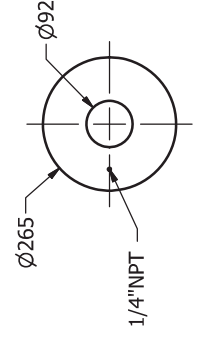
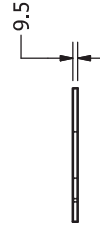
DRAWN	2/2/2017	TITLE	TANK NO. 4 - 6,000 CUM
CHECKED	2/2/2017		
BY			
APPROVED			
SIZE	A1	REV	4
SCALE			

NOTES:

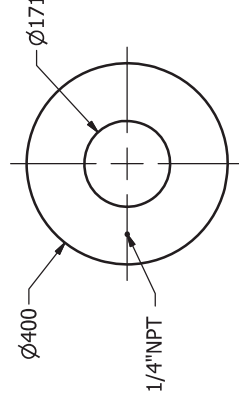
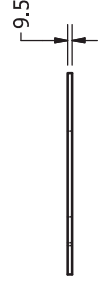
SHELL PLATES TO BE CHECKED CORNER TO CORNER FOR SQUARENESS

STEEL PLATES: 38WT SUPPLIED BY MEL

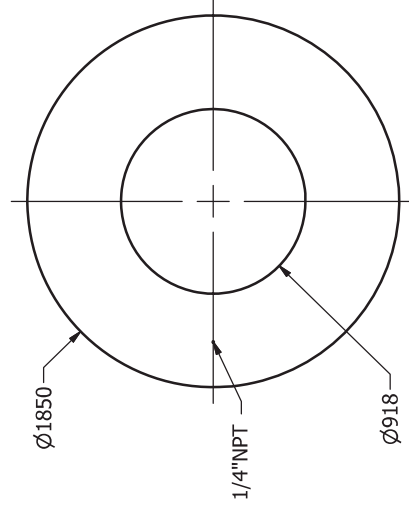
STEEL SHAPES: 350W SUPPLIED BY FORMATECH



REINFORCING PLATE
SHELL WATER DRAW OFF 75MM (3")
TANK NO. 4 - 6ML
MARK: 8403
QTY: 6
SCALE: 1/10



REINFORCING PLATE
SHELL NOZZLE LOADING/UNLOADING 150MM (6")
TANK NO. 4 - 6ML
MARK: 8402
QTY: 5
SCALE: 1/10



REINFORCING PLATE
SHELL MANHOLE 900MM (36")
TANK NO. 4 - 6
MARK: 8401
QTY: 4
SCALE: 1/25

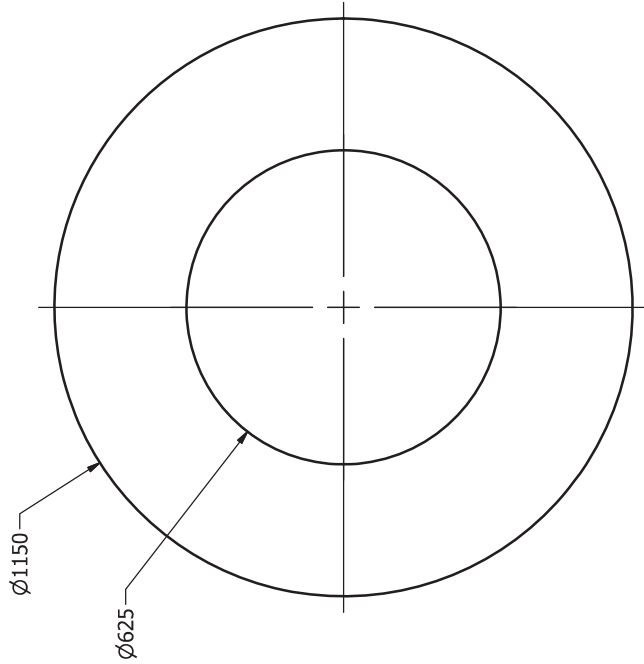
MATERIAL:
STEEL CSA G40.21-38WT
NORMALIZED
TRANSVERSE CHARPY: TCVN 13FT/LBS@-45F
LONGITUDINAL CHARPY: LCVN 15FT/LBS@-45F



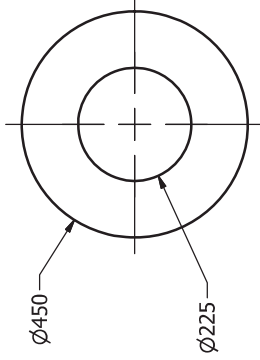
DRAWN	2/2/2017	TANK NO. 4 (6ML) SHELL	
Jacob Saunders		TITLE	
CHECKED	3/16/2017	REINFORCING PLATE DETAILS	
Marc Losier		SIZE	
QA		A3	
MFG		DWG NO	
APPROVED		295-M8	
		SCALE	
		1/25	
		REV	
		4	
		SHEET 7 OF 13	



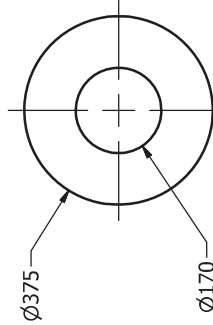
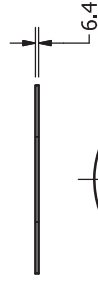
Permit Number: P471



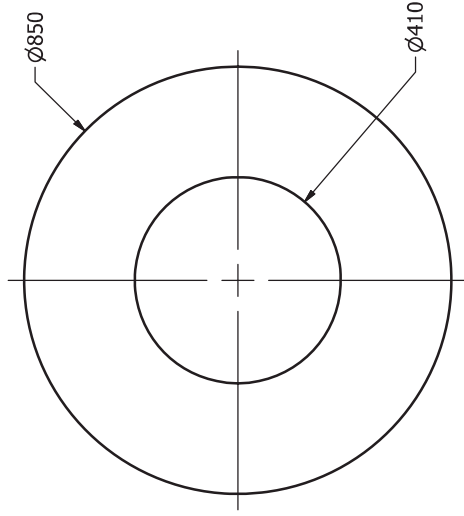
REINFORCING PLATE
ROOF MANHOLE 600MM
TANK NO. 4 - 6ML
MARK: 8404
QTY: 4



REINFORCING PLATE
ROOF NOZZLE 200MM
TANK NO. 4 - 6ML
MARK 8405
QTY: 1



REINFORCING PLATE
ROOF GAUGE HATCH 150MM
TANK NO. 4 - 6ML
MARK: 8406
QTY: 1



REINFORCING PLATE
ROOF VENT 400MM
TANK NO. 4 - 6ML
MARK: 8407
QTY: 1

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

DRAWN	2/2/2017
Jacob Saunders	
CHECKED	3/16/2017
Marc Losier	
QA	
MFG	
APPROVED	
SIZE	A3
DWG NO	295-M8
SCALE	1/10
REV	4

TANK NO. 4 (6ML) ROOF

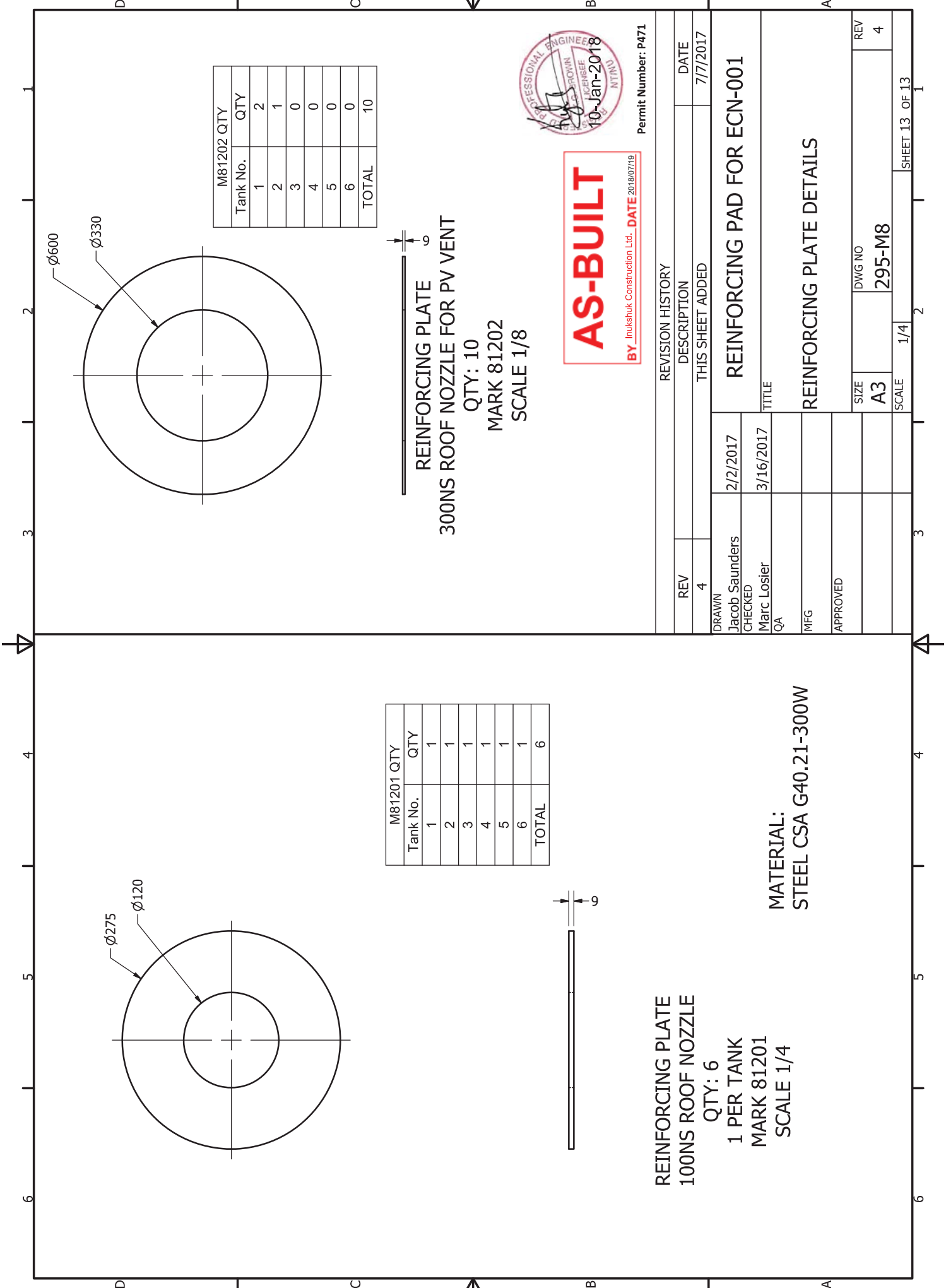
TITLE

REINFORCING PLATE DETAILS

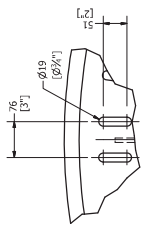
MATERIAL:
STEEL CSA G40.21-38WT
NORMALIZED
TRANSVERSE CHARPY: TCVN 13FT/LBS@-45F
LONGITUDINAL CHARPY: LCVN 15FT/LBS@-45F



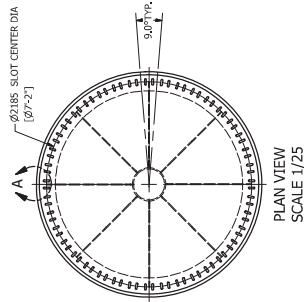
Permit Number: P471



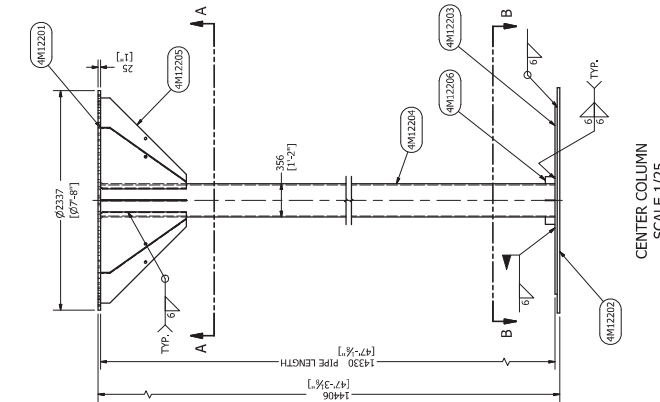
ITEM	ITEM QTY	DESCRIPTION	MATERIAL	MASS
4M12201	1	DOLLAR PLATE - 25 [1 THK X 242 (7'-9") DIA	640-24M 300W	835.155 kg
4M12202	1	BASE PLATE 1 - 25 [1 THK X 242 (7'-9") DIA	640-24M 300W	902.45 kg
4M12203	1	BASE PLATE 2 - 25 [1 THK X 242 (7'-9") DIA	640-24M 300W	902.45 kg
4M12204	1	BASE PLATE 3 - 25 [1 THK X 242 (7'-9") DIA	640-24M 300W	902.45 kg
4M12205	8	GUSSET 1 - 10 [18" DIA X 94 (3'-0") X 94 (3'-0")	640-24M 300W	32.40 kg
4M12206	4	GUSSET 2 - 10 [18" DIA X 94 (3'-0") X 94 (3'-0")	640-24M 300W	32.40 kg



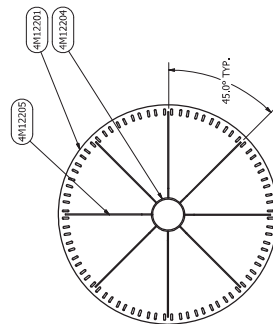
DETAIL A
TYPICAL 40 LOCATIONS EQ, SPACED
SCALE 1/25



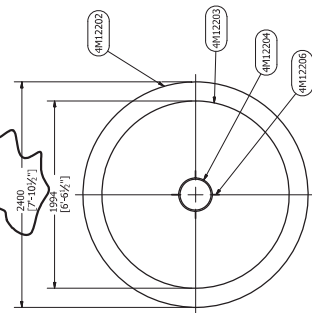
PLAN VIEW
SCALE 1/25



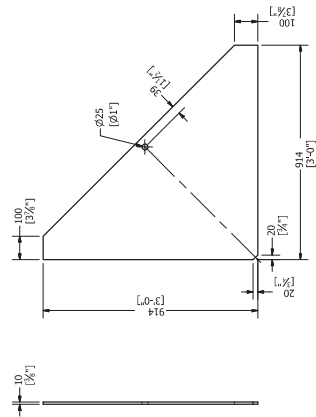
CENTER COLUMN
SCALE 1/25



SECTION A-A
SCALE 1/25



SECTION B-B
SCALE 1/25

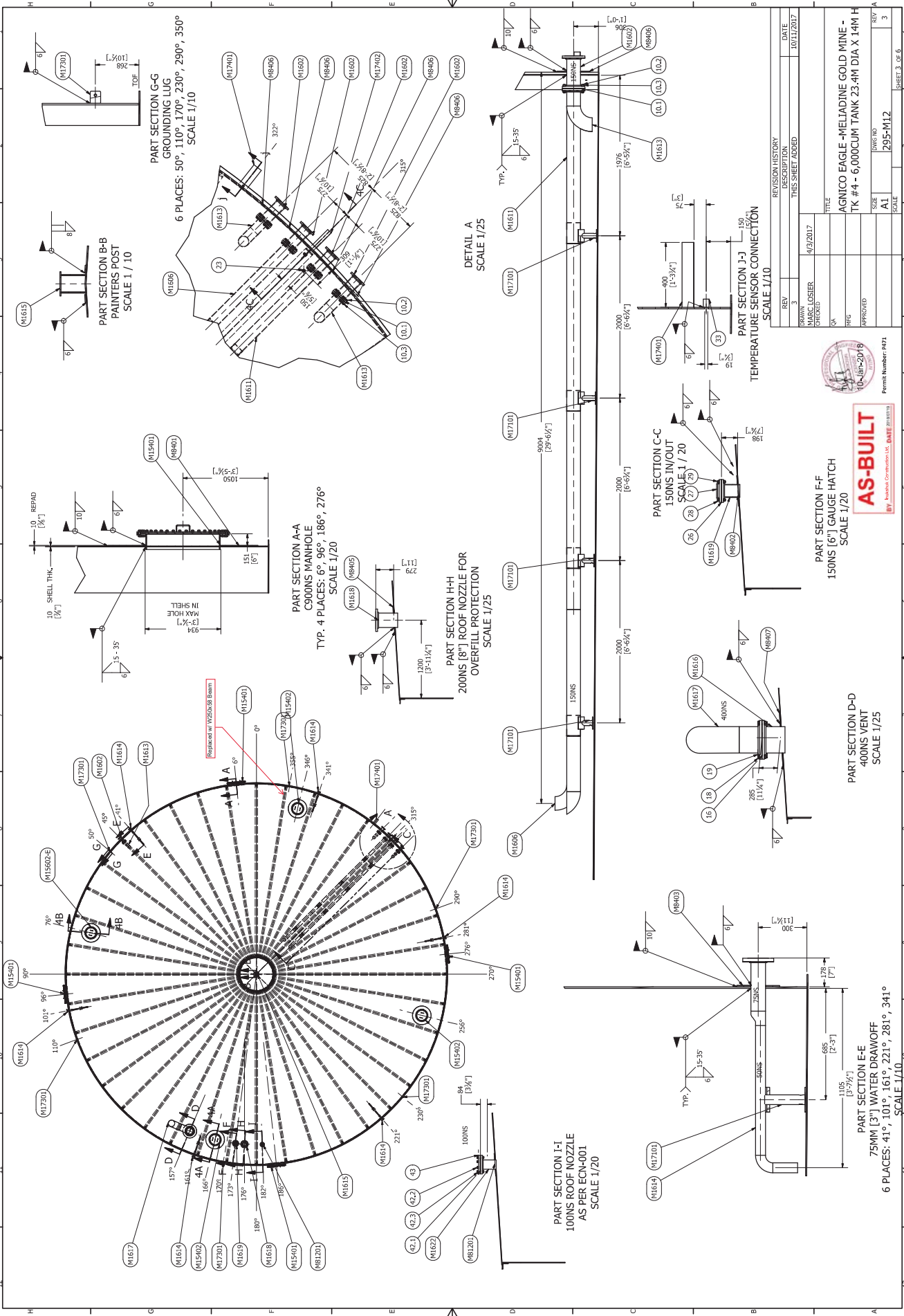


PC 4M12205 DETAIL
GUSSET
SCALE 1/10

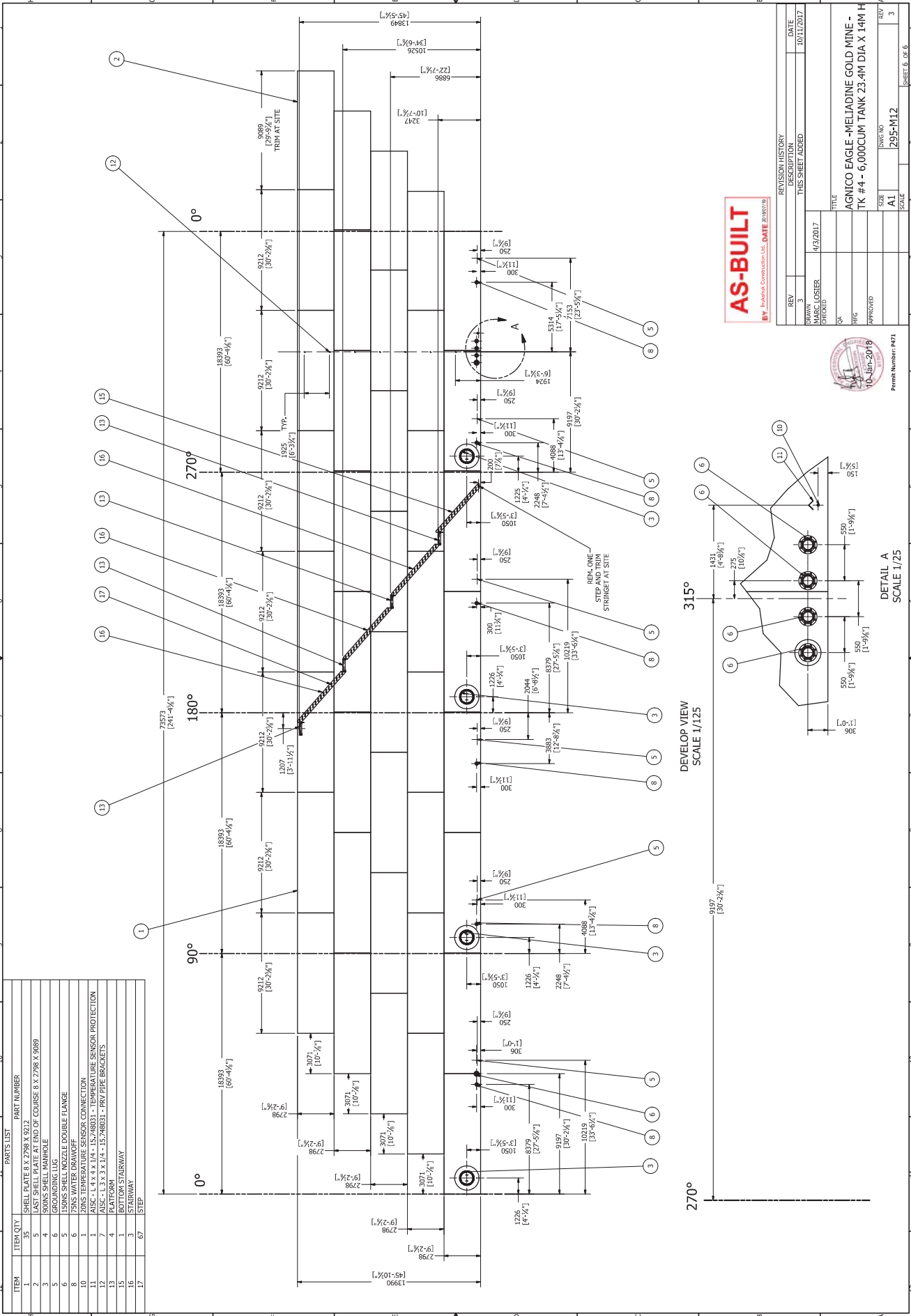
ZONE	REV	REVISION HISTORY	DATE
AD-118	1	BASE PLATE DIA CHG FROM 2482 (8'-2") TO 2400 (7'-10 1/2")	5/2/2017
DRAWN		MARC LOSSER	
CHECKED		QA	
APPROVED		10-JUN-2018	
SIZE	A1	INCH NO	295-M12
SCALE			
REV	3		



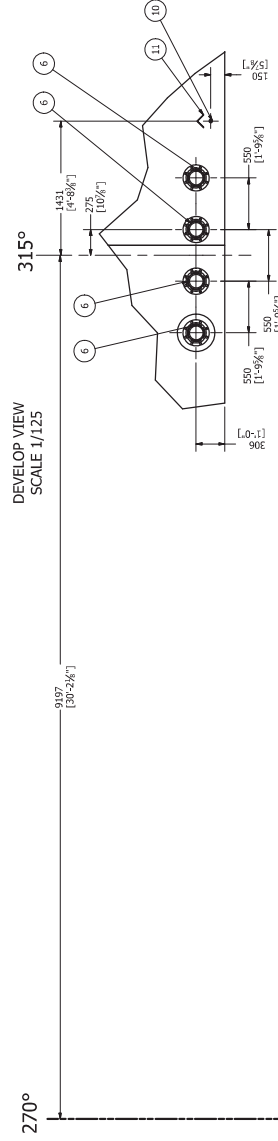
AGNICO EAGLE -MELADINE GOLD MINE -
TK #4 - 6000CUM TANK 23.4M DIA X 14M H



ITEM	ITEM QTY	PART NUMBER
1	35	SHELL PLATE 8 X 2798 X 9212
2	5	LAST SHELL PLATE AT END OF COURSE 8 X 2798 X 9089
3	4	900S SHELL MANHOLE
4	4	900S SHELL NOZZLE
5	5	1500S SHELL NOZZLE DOUBLE FLANGE
6	6	750S WATER DRAVVOFF
8	1	200S TEMPERATURE SENSOR CONNECTION
11	1	AISC - L 4 x 4 x 1/4 - 15/48031 - TEMPERATURE SENSOR PROTECTION
12	7	AISC - L 3 x 3 x 1/4 - 15/48031 - RVV PIPE BRACKETS
13	4	PLATFORM
14	4	STAIRWELL
15	3	STAIRWAY
16	67	STEP



DEVELOP VIEW
SCALE 1/125



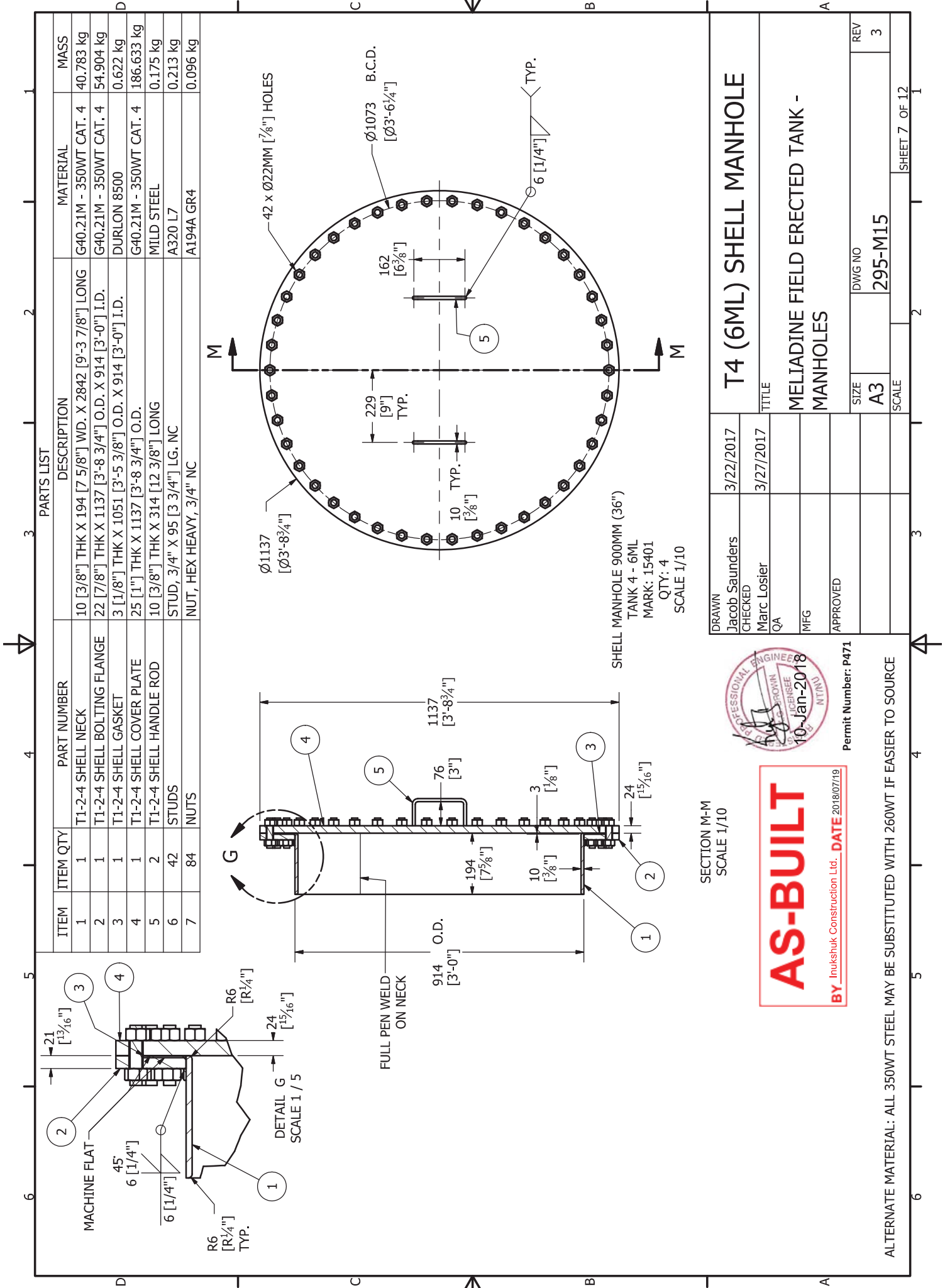
DETAIL A
SCALE 1/25

AS-BUILT
BY: Industrial Construction Ltd. DATE: 20180719

REVISION HISTORY		DATE
REV	3	10/17/2017
THIS SHEET ADDED		
DRAWN		4/3/2017
CHECKED		
APPROVED		
TITLE		AGNICO EAGLE -MELLAINE GOLD MINE - TK #4 - 6000CUM TANK 23.4M DIA X 14M H
SIZE		A1
SCALE		295-M12
SHEET		6 OF 6



Permit Number: #471



PARTS LIST

ITEM	ITEM QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS
1	1	T1-2-4 SHELL NECK	10 [3/8"] THK X 194 [7 5/8"] WD. X 2842 [9'-3 7/8"] LONG	G40.21M - 350WT CAT. 4	40.783 kg
2	1	T1-2-4 SHELL BOLTING FLANGE	22 [7/8"] THK X 1137 [3'-8 3/4"] O.D. X 914 [3'-0"] I.D.	G40.21M - 350WT CAT. 4	54.904 kg
3	1	T1-2-4 SHELL GASKET	3 [1/8"] THK X 1051 [3'-5 3/8"] O.D. X 914 [3'-0"] I.D.	DURLON 8500	0.622 kg
4	1	T1-2-4 SHELL COVER PLATE	25 [1"] THK X 1137 [3'-8 3/4"] O.D.	G40.21M - 350WT CAT. 4	186.633 kg
5	2	T1-2-4 SHELL HANDLE ROD	10 [3/8"] THK X 314 [12 3/8"] LONG	MILD STEEL	0.175 kg
6	42	STUDS	STUD, 3/4" X 95 [3 3/4"] LG. NC	A320 L7	0.213 kg
7	84	NUTS	NUT, HEX HEAVY, 3/4" NC	A194A GR4	0.096 kg

T4 (6ML) SHELL MANHOLE

TITLE

MELIADINE FIELD ERECTED TANK -
MANHOLES

DRAWN	3/22/2017	SIZE	DWG NO	REV
Jacob Saunders	3/27/2017	A3	295-M15	3
CHECKED		SCALE		
Marc Losier				
QA				
MFG				
APPROVED				

SECTION M-M
SCALE 1/10

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

Permit Number: P471

ALTERNATE MATERIAL: ALL 350WT STEEL MAY BE SUBSTITUTED WITH 260WT IF EASIER TO SOURCE

Parts List			
ITEM	ITEM QTY	CUT (MM)	PART NUMBER
1	2		ASME B16.5 Flange Slip-On Welding - Class 150 6
2	1	375	Pipe 6 - Schedule 80 - 14.76378

Ø150 NS DOUBLE FLANGE

SHELL LOADING/UNLOADING

MARK: M1602

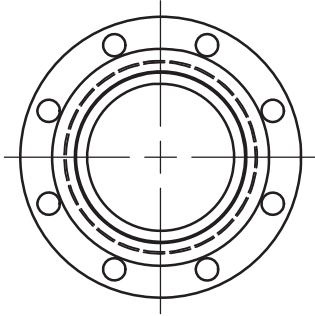
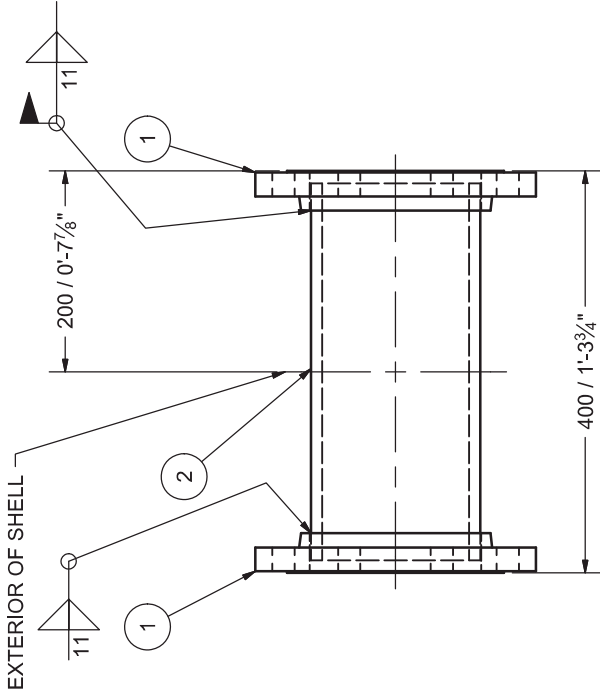
QTY: 26

WEIGHT/SPOOL: 30.8KG

NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED

2. FINISH: SANDBLAST TO SSP-6



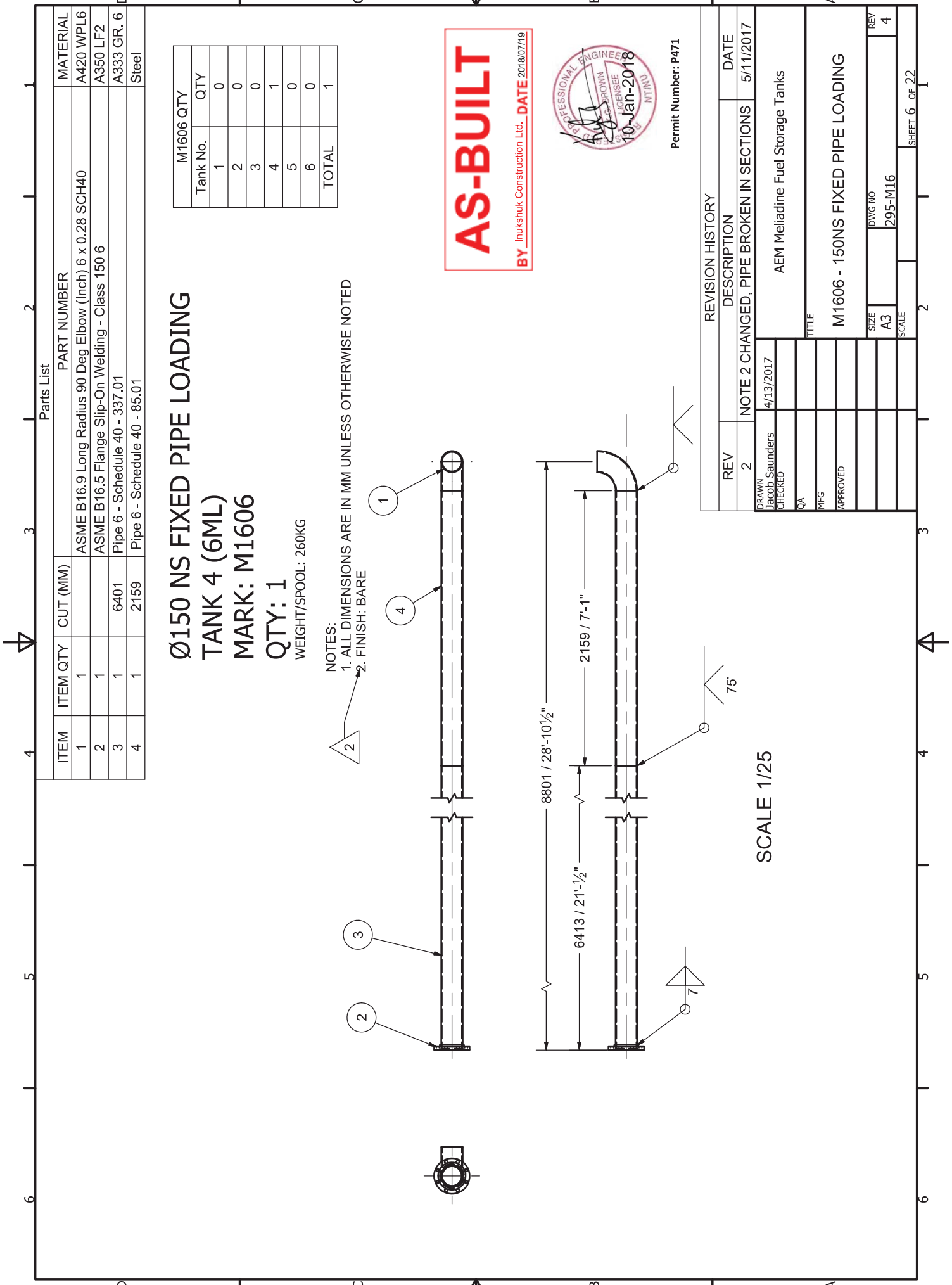
M1602 QTY	
Tank No.	QTY
1	3
2	3
3	5
4	5
5	5
6	5
TOTAL	26

DRAWN Jacob Saunders	4/13/2017	AEM Meliadine Fuel Storage Tanks	
CHECKED			
QA		TITLE	
MFG		M1602 - 150NS DOUBLE FLG. SHELL	
APPROVED			
		SIZE	DWG NO
		A3	295-M16
		SCALE	
			REV 4
			SHEET 2 OF 22



Permit Number: P471





Parts List				PART NUMBER		MATERIAL	
ITEM	ITEM QTY	CUT (MM)					
1	1			ASME B16.9 Long Radius 90 Deg Elbow (Inch) 6 x 0.28 SCH40		A420 WPL6	
2	1			ASME B16.5 Flange Slip-On Welding - Class 150 6		A350 LF2	
3	1	6401		Pipe 6 - Schedule 40 - 337.01		A333 GR. 6	
4	1	2159		Pipe 6 - Schedule 40 - 85.01		Steel	

Ø150 NS FIXED PIPE LOADING
TANK 4 (6ML)
MARK: M1606
QTY: 1
WEIGHT/SPOOL: 260KG

M1606 QTY	
Tank No.	QTY
1	0
2	0
3	0
4	1
5	0
6	0
TOTAL	1

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: BARE

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19



Permit Number: P471

REVISION HISTORY		REVISION HISTORY	
REV	DESCRIPTION	DATE	
2	NOTE 2 CHANGED, PIPE BROKEN IN SECTIONS	5/11/2017	
DRAWN	4/13/2017		
Checked	Jacob Saunders		
QA			
MFG			
APPROVED			
AEM Meliadine Fuel Storage Tanks			
M1606 - 150NS FIXED PIPE LOADING			
TITLE			
SIZE	A3	DWG NO	295-M16
SCALE			
REV	4		

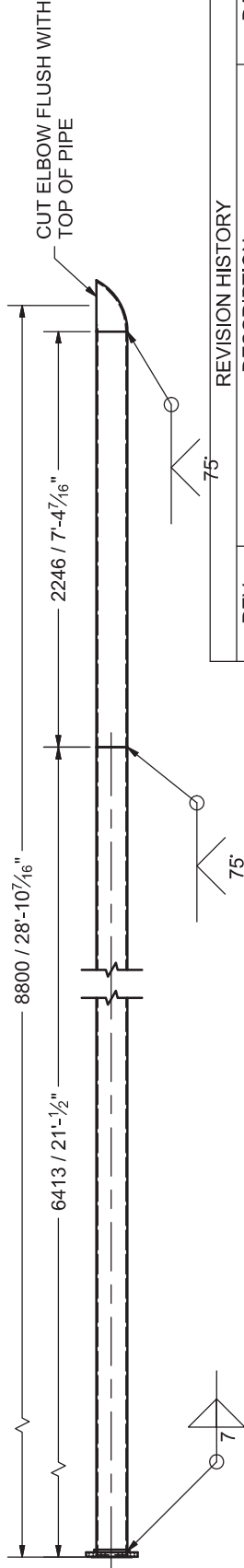
SCALE 1/25

Parts List					
ITEM	ITEM QTY	CUT (MM)	PART NUMBER	MATERIAL	
1	1		ASME B16.5 Flange Slip-On Welding - Class 150 6	A350 LF2	
2	1		ASME B16.9 Long Radius 90 Deg Elbow (Inch) 6 x 0.28 SCH40	A420 WPL6	
3	1	6401	Pipe 6 - Schedule 40 - 340.43	A333 GR. 6	
4	1	2246	Pipe 6 - Schedule 40 - 88.43	A333 GR. 6	

Ø150 NS FIXED PIPE UNLOADING
TANK 4 (6ML)
MARK: M1611
QTY: 1
WEIGHT/SPOOL: 257KG

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: BARE

M1611 QTY	
Tank No.	QTY
1	0
2	0
3	0
4	1
5	0
6	0
TOTAL	1



REVISION HISTORY	
REV	DESCRIPTION
2	NOTE 2 CHANGED, PIPE BROKEN IN SECTIONS

DATE	
5/1/2017	



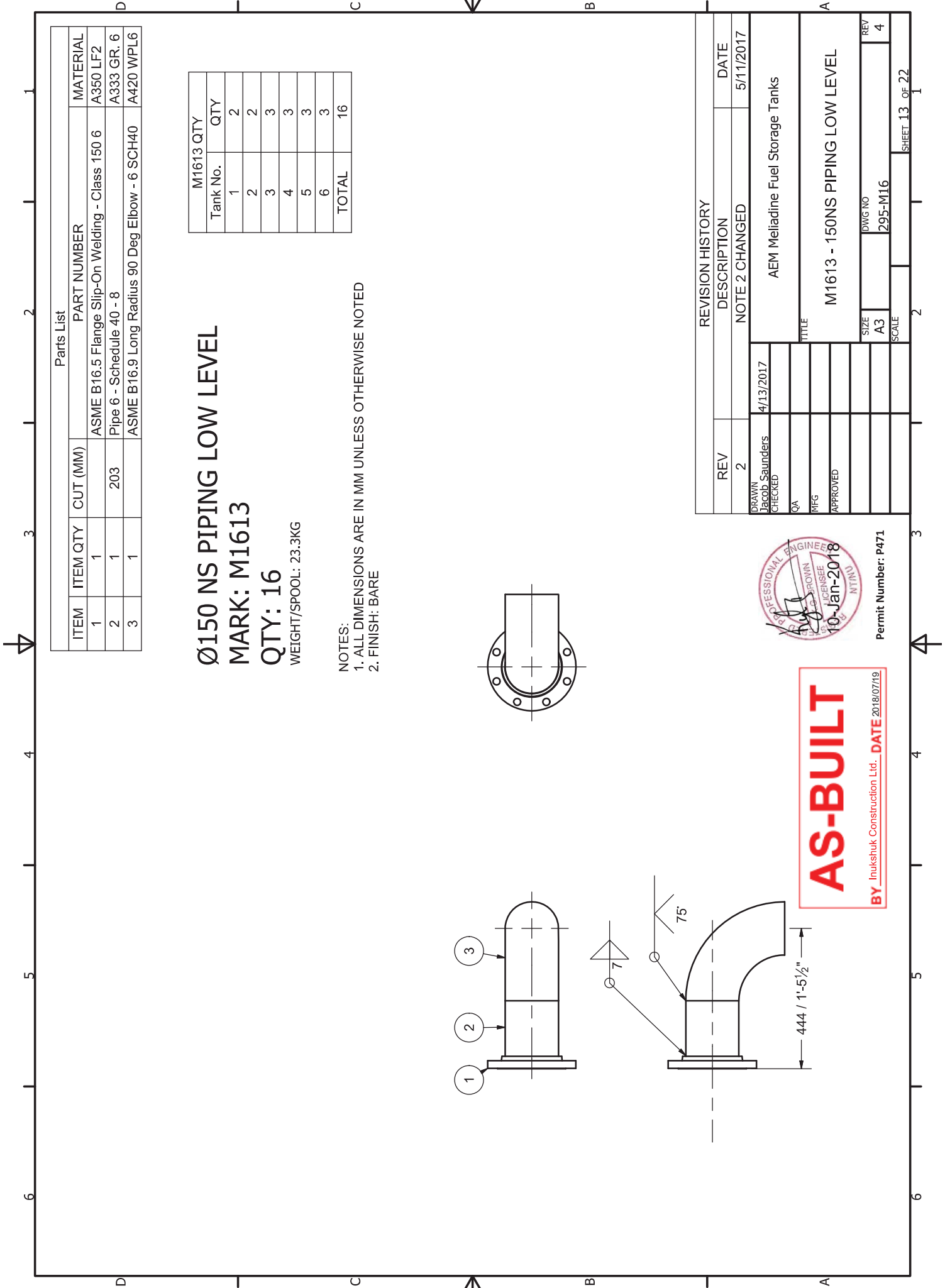
AS-BUILT
BY Inukshuk Construction Ltd. DATE 2018/07/19

Permit Number: P471

TITLE	
AEM Meliadine Fuel Storage Tanks	

M1611 - 150NS FIXED PIPE UNLOADING	
SIZE	A3
DWG NO	295-M16
SCALE	

SHEET 11 OF 22	
REV	4



Parts List			
ITEM	ITEM QTY	CUT (MM)	PART NUMBER
1	1		ASME B16.5 Flange Slip-On Welding - Class 150 6
2	1	203	Pipe 6 - Schedule 40 - 8
3	1		ASME B16.9 Long Radius 90 Deg Elbow - 6 SCH40

Ø150 NS PIPING LOW LEVEL
MARK: M1613
QTY: 16
WEIGHT/SPOOL: 23.3KG

M1613 QTY	
Tank No.	QTY
1	2
2	2
3	3
4	3
5	3
6	3
TOTAL	16

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: BARE

REVISION HISTORY		
REV	DESCRIPTION	DATE
2	NOTE 2 CHANGED	5/11/2017
DRAWN Jacob Saunders CHECKED	4/13/2017	
QA		
MFG		
APPROVED		
AEM Meliadine Fuel Storage Tanks		
TITLE		
M1613 - 150NS PIPING LOW LEVEL		
SIZE A3	DWG NO 295-M16	REV 4
SCALE		SHEET 13 OF 22



Permit Number: P471



Ø75 NS WATER DRAW OFF

MARK: M1614

QTY: 32

WEIGHT/SPOOL: 16.6KG

328 / 1'-15/16"

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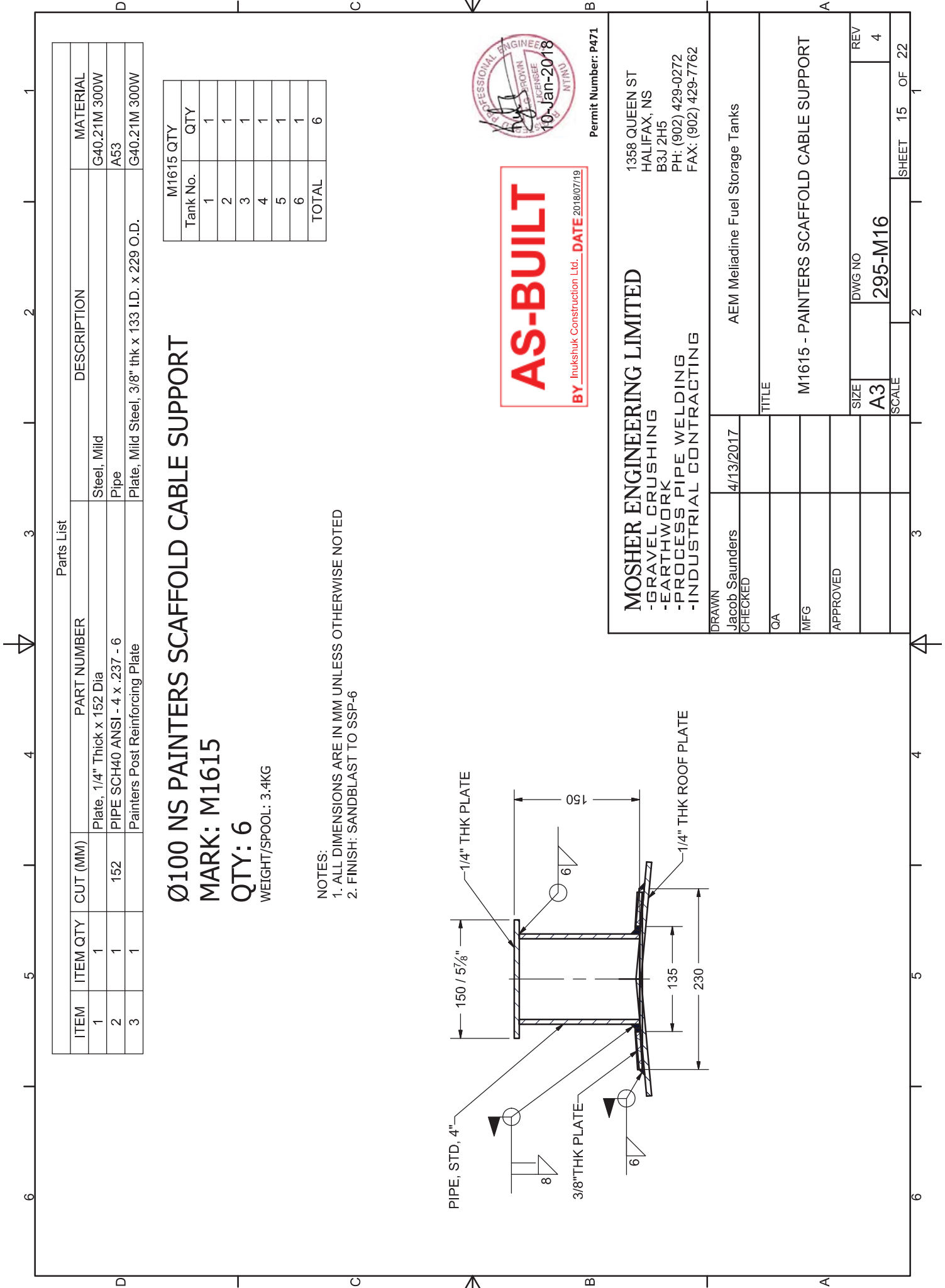
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341



Parts List

ITEM	ITEM QTY	CUT (MM)	PART NUMBER	DESCRIPTION	MATERIAL
1	1		Plate, 1/4" Thick x 152 Dia	Steel, Mild	G40.21M 300W
2	1	152	PIPE SCH40 ANSI - 4 x .237 - 6	Pipe	A53
3	1		Painters Post Reinforcing Plate	Plate, Mild Steel, 3/8" thk x 133 I.D. x 229 O.D.	G40.21M 300W

Ø100 NS PAINTERS SCAFFOLD CABLE SUPPORT

MARK: M1615

QTY: 6

WEIGHT/SPOOL: 3.4KG

M1615 QTY	
Tank No.	QTY
1	1
2	1
3	1
4	1
5	1
6	1
TOTAL	6

- NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
 2. FINISH: SANDBLAST TO SSP-6

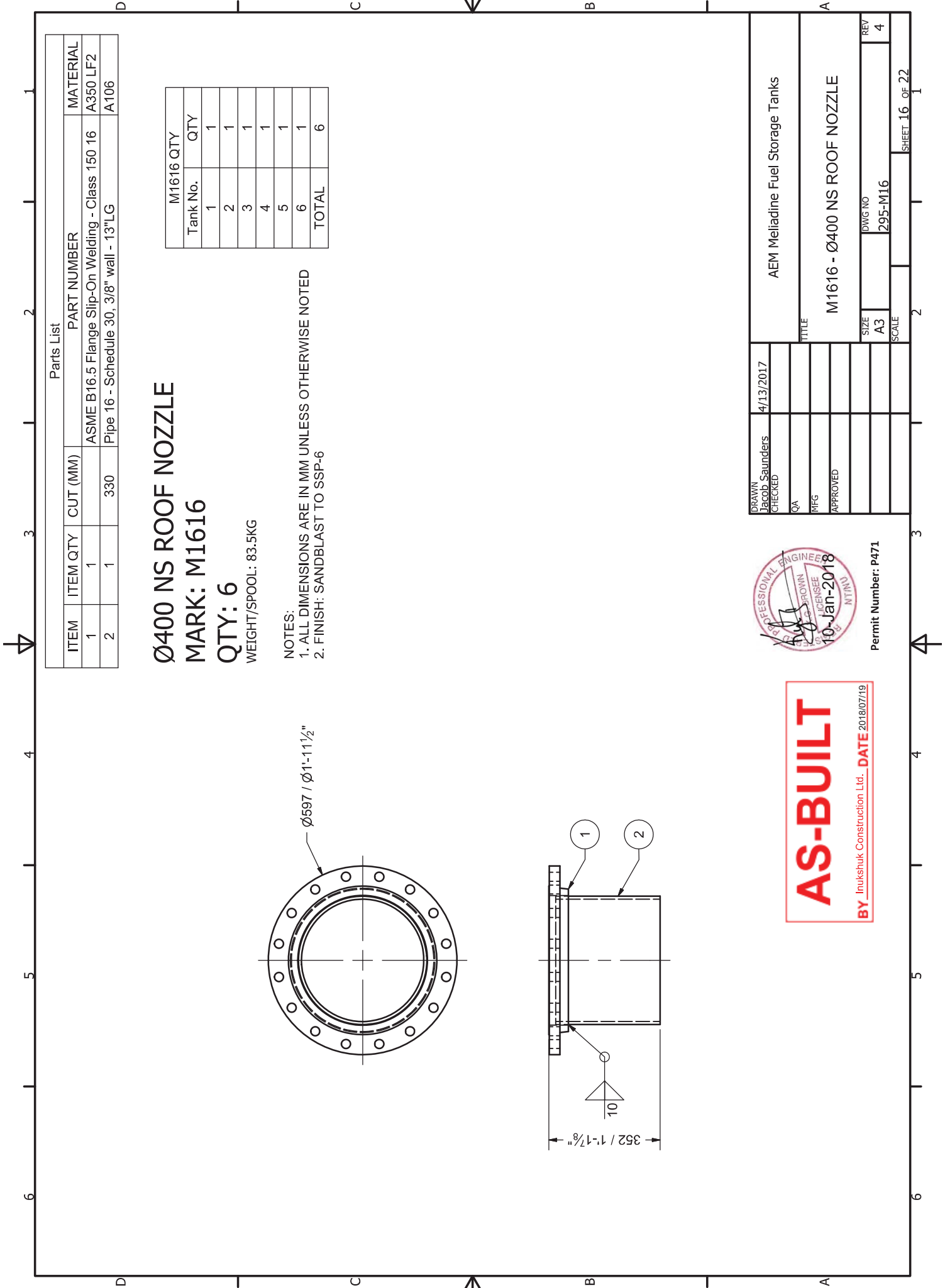


MOSHER ENGINEERING LIMITED

- GRAVEL CRUSHING
- EARTHWORK
- PROCESS PIPE WELDING
- INDUSTRIAL CONTRACTING

1358 QUEEN ST
HALIFAX, NS
B3J 2H5
PH: (902) 429-0272
FAX: (902) 429-7762

DRAWN Jacob Saunders CHECKED	4/13/2017	AEM Meliadine Fuel Storage Tanks	
QA		TITLE	
MFG		M1615 - PAINTERS SCAFFOLD CABLE SUPPORT	
APPROVED			
		SIZE A3	REV 4
		DWG NO 295-M16	
		SCALE	



Parts List			
ITEM	ITEM QTY	CUT (MM)	PART NUMBER
1	1		ASME B16.5 Flange Slip-On Welding - Class 150 16
2	1	330	Pipe 16 - Schedule 30, 3/8" wall - 13"LG

MATERIAL	
A350 LF2	
A106	

Ø400 NS ROOF NOZZLE

MARK: M1616

QTY: 6

WEIGHT/SPOOL: 83.5KG

M1616 QTY	
Tank No.	QTY
1	1
2	1
3	1
4	1
5	1
6	1
TOTAL	6

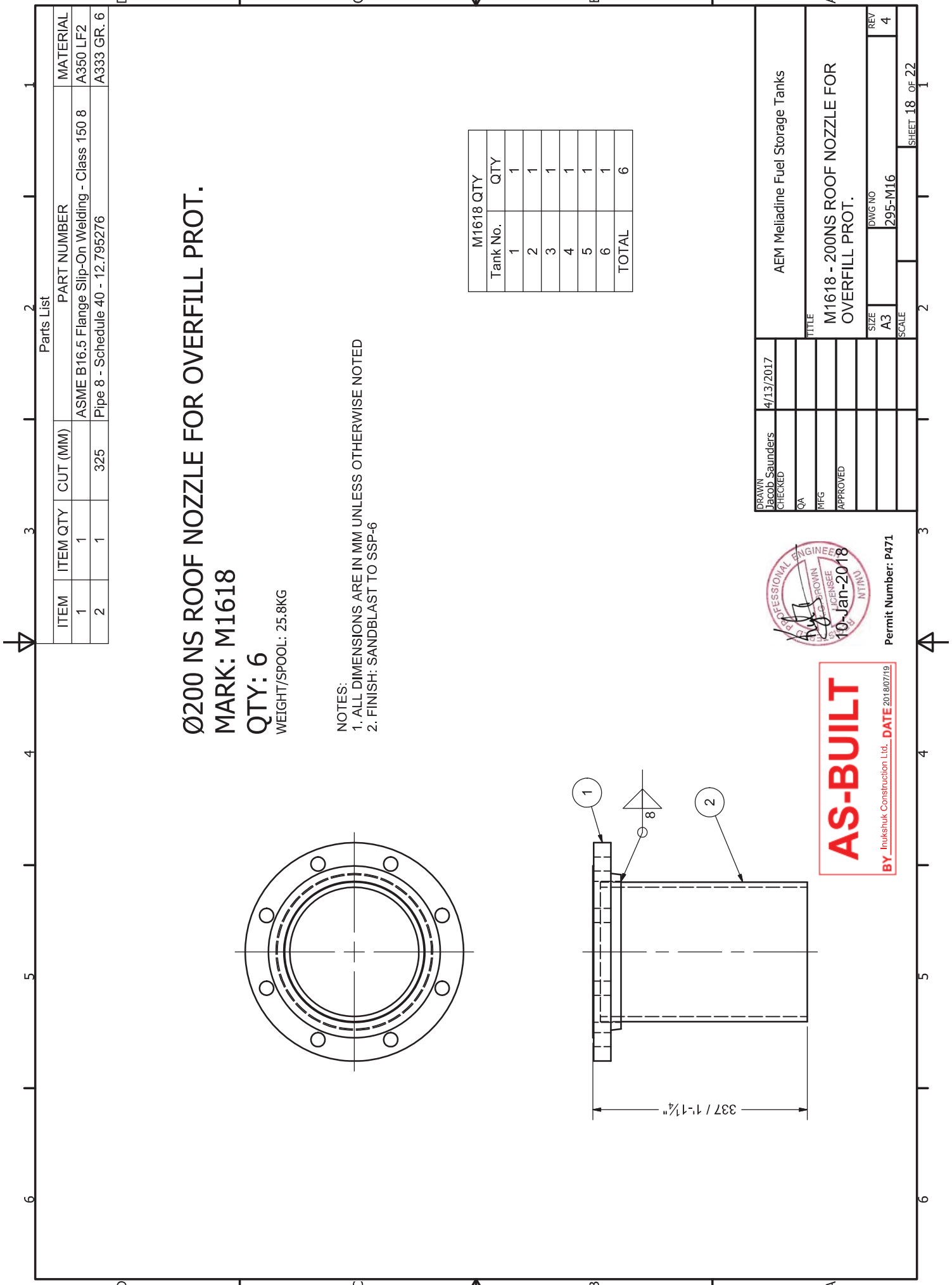
- NOTES:
- 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
 - 2. FINISH: SANDBLAST TO SSP-6



Permit Number: P471



DRAWN Jacob Saunders	4/13/2017	AEM Meliadine Fuel Storage Tanks	
CHECKED			
QA		TITLE	
MFG		M1616 - Ø400 NS ROOF NOZZLE	
APPROVED			
		SIZE A3	DWG NO 295-M16
		SCALE	REV 4
			SHEET 16 OF 22



Ø200 NS ROOF NOZZLE FOR OVERFILL PROT.
MARK: M1618
QTY: 6
WEIGHT/SPOOL: 25.8KG

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: SANDBLAST TO SSP-6

M1618 QTY	
Tank No.	QTY
1	1
2	1
3	1
4	1
5	1
6	1
TOTAL	6



Permit Number: P471

DRAWN Jacob Saunders	4/13/2017	AEM Meliadine Fuel Storage Tanks	
CHECKED			
QA		TITLE	
MFG		M1618 - 200NS ROOF NOZZLE FOR OVERFILL PROT.	
APPROVED			
		SIZE A3	DWG NO 295-M16
		SCALE	REV 4
			SHEET 18 OF 22



SHOP DRAWING
DATA SHEET

Affixing this stamp confirms that an administrative approval and/or a verification of compliance with shop drawings or specifications was made, but does not entail the liability of the author or the work or its owner. The responsibility remains with the contractor, for which the contractor is the sole responsible.

☒ Reviewed

☐ Rejected

☐ Reviewed as noted

☐ Filed for records

The contractor, supplier and/or sub-contractor is responsible for ensuring that all shop drawings, quantities and dimensions are correct and that all processes and techniques of construction, selecting fabrication or her work with that of all other trades and performing all work in a safe and satisfactory manner.

By: J. morliere

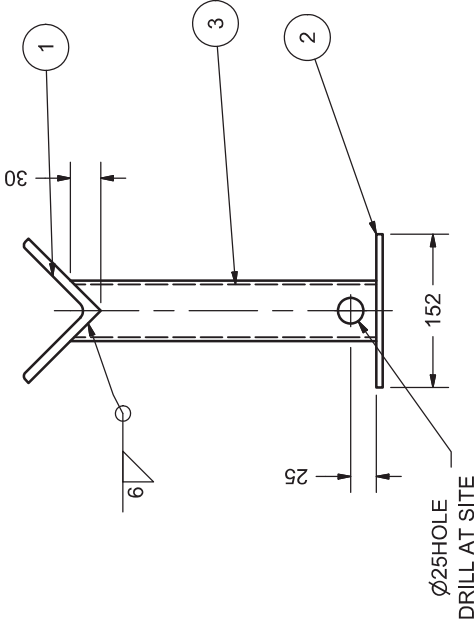
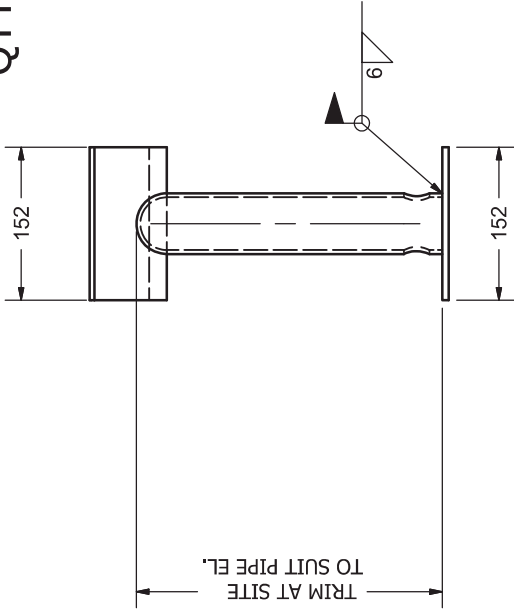
Date: 2017/07/14

Project #: 151-0640-40

PIPE SUPPORT TYPE 1

MARK: M17101

QTY: 72



QTY PER TANK	
Tank No.	QTY
1	20
2	16
3	12
4	12
5	6
6	6
TOTAL	72

PIPE SUPPORT
SCALE 1/5

AS-BUILT

BY Inukshuk Construction Ltd.. DATE 2018/07/19

Permit Number: P471

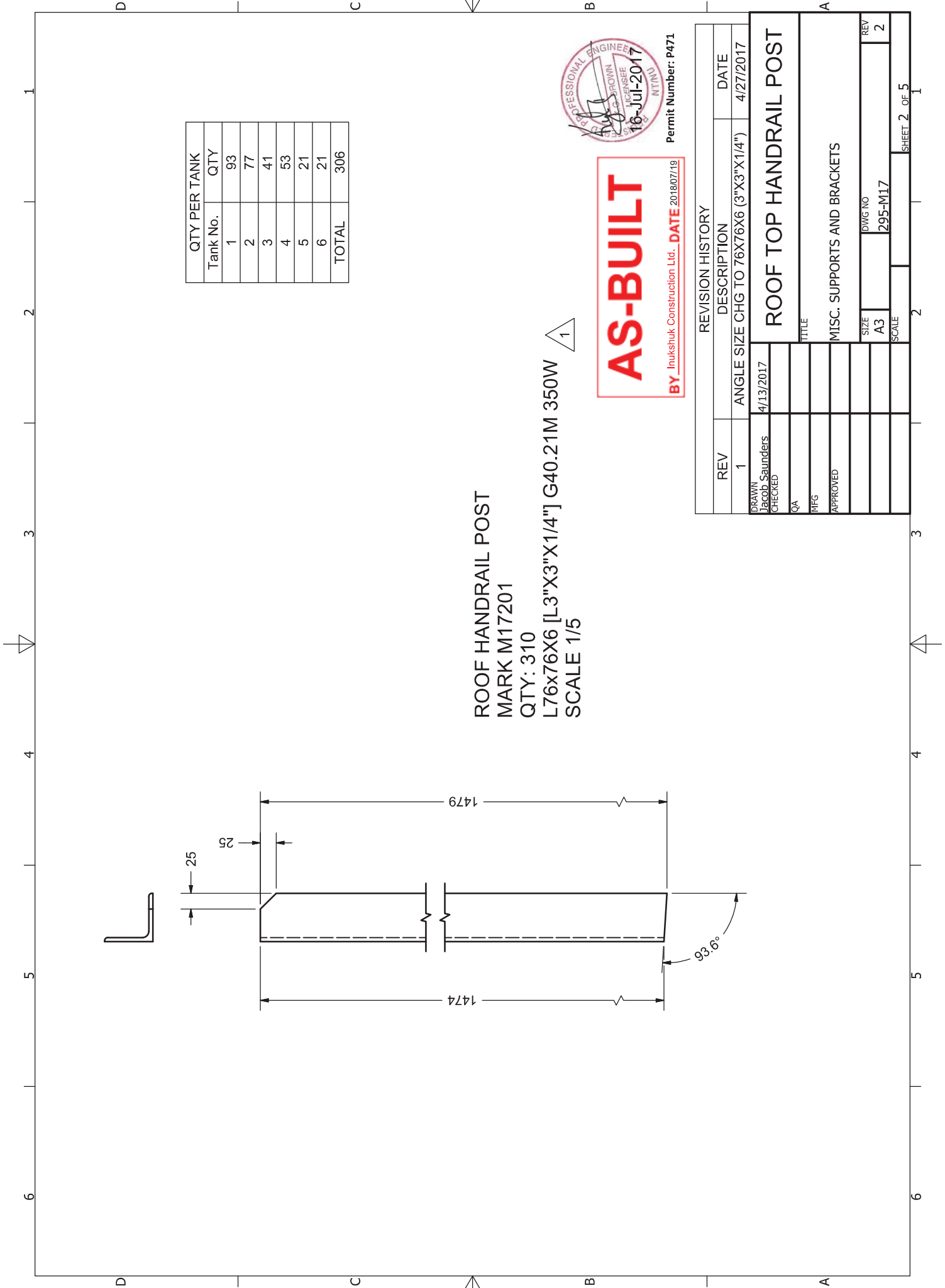


NOTE:
ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED

DRAWN Jacob Saunders CHECKED QA MFG APPROVED	4/13/2017	PIPE SUPPORT	
		TITLE	
		MISC. SUPPORTS AND BRACKETS	
		SIZE A3	DWG NO 295-M17
		SCALE	REV 2
			SHEET 1 OF 5

Parts List		
ITEM	ITEM QTY	CUT (MM)
1	1	152
2	1	152
3	1	305

DESCRIPTION		MATERIAL
L100X100X10 [4"x4"x3/8"]		G40.21M 350W
FB150X6 [6"x1/4"]		G40.21M 300W
50NS [2"] PIPE SCH. 40		A53 ERW



ROOF HANDRAIL POST
MARK M17201
QTY: 310
L76x76X6 [L3"X3"X1/4"] G40.21M 350W
SCALE 1/5

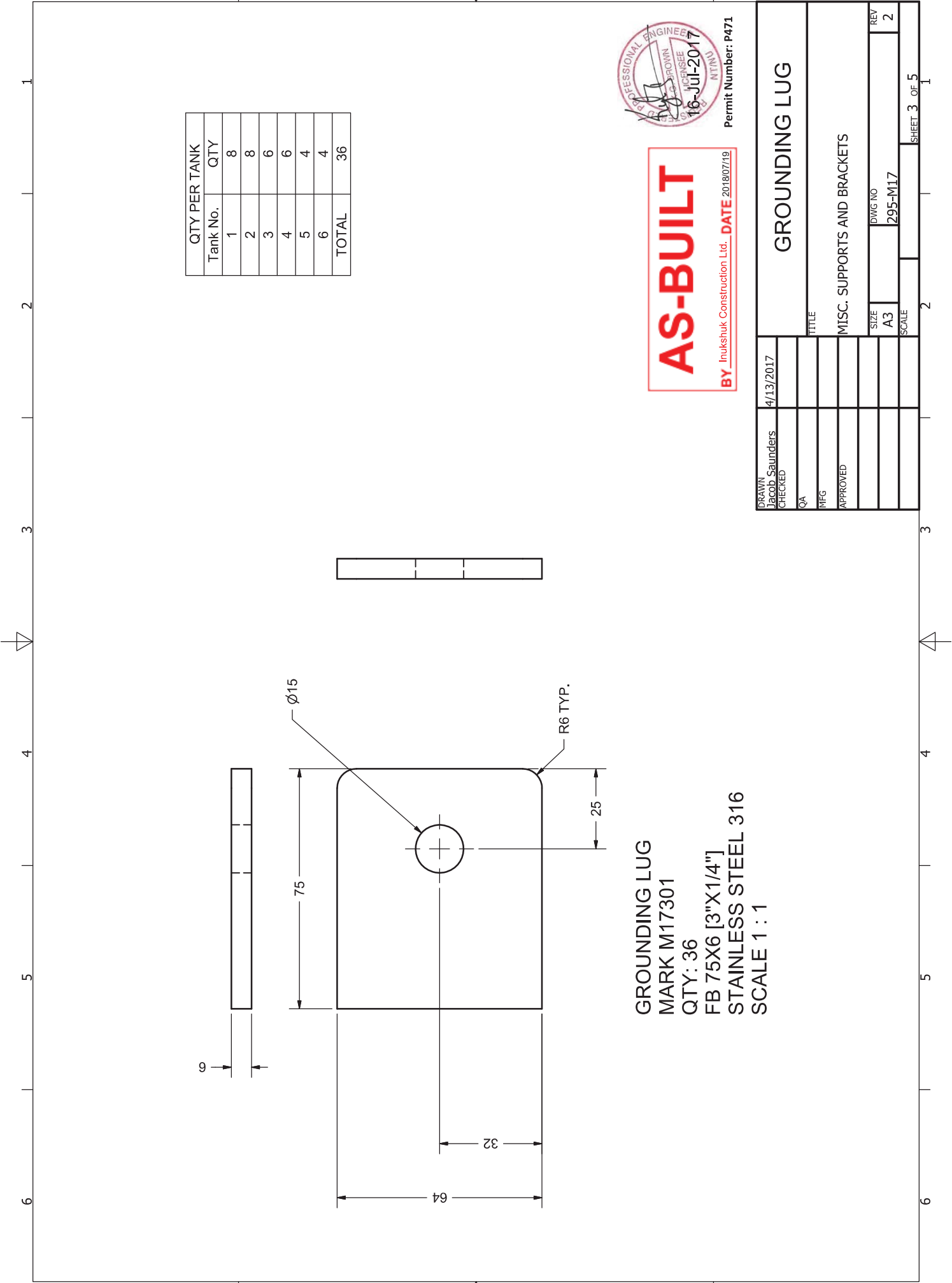


QTY PER TANK	
Tank No.	QTY
1	93
2	77
3	41
4	53
5	21
6	21
TOTAL	306



Permit Number: P471

REVISION HISTORY			
REV	DESCRIPTION	DATE	
1	ANGLE SIZE CHG TO 76X76X6 (3"X3"X1/4")	4/27/2017	
DRAWN	Jacob Saunders	4/13/2017	
CHECKED			
QA			
MFG			
APPROVED			
TITLE			
ROOF TOP HANDRAIL POST			
MISC. SUPPORTS AND BRACKETS			
SIZE			
A3			
DWG NO			
295-M17			
SCALE			
2			
SHEET 2 OF 5			



AS-BUILT
BY Inukshuk Construction Ltd. DATE 2018/07/19



Permit Number: P471

DRAWN Jacob Saunders	4/13/2017	GROUNDING LUG	
CHECKED			
QA		TITLE	
MFG		MISC. SUPPORTS AND BRACKETS	
APPROVED			
		SIZE	DWG NO
		A3	295-M17
		SCALE	REV
			2
		SHEET 3 OF 5	

6			5		4		3		2		1	
			CUT LIST						UNIT QTY PER TANK			
MARK	QTY	CUT MM	DESCRIPTION		MATERIAL		TK #1	TK #2	TK #3	TK #4	TK #5	TK #6
M17401	6	400	L100X100X6 [L4"X4"X1/4"] TEMPERATOR SENSOR		G40.21M 350W		1	1	1	1	1	1
M17402	45	400	L75X75X6 [L3"X3"X1/4"] PIPING & ELECTRICAL BRACKET		G40.21M 350W		14	14	6	7	2	2

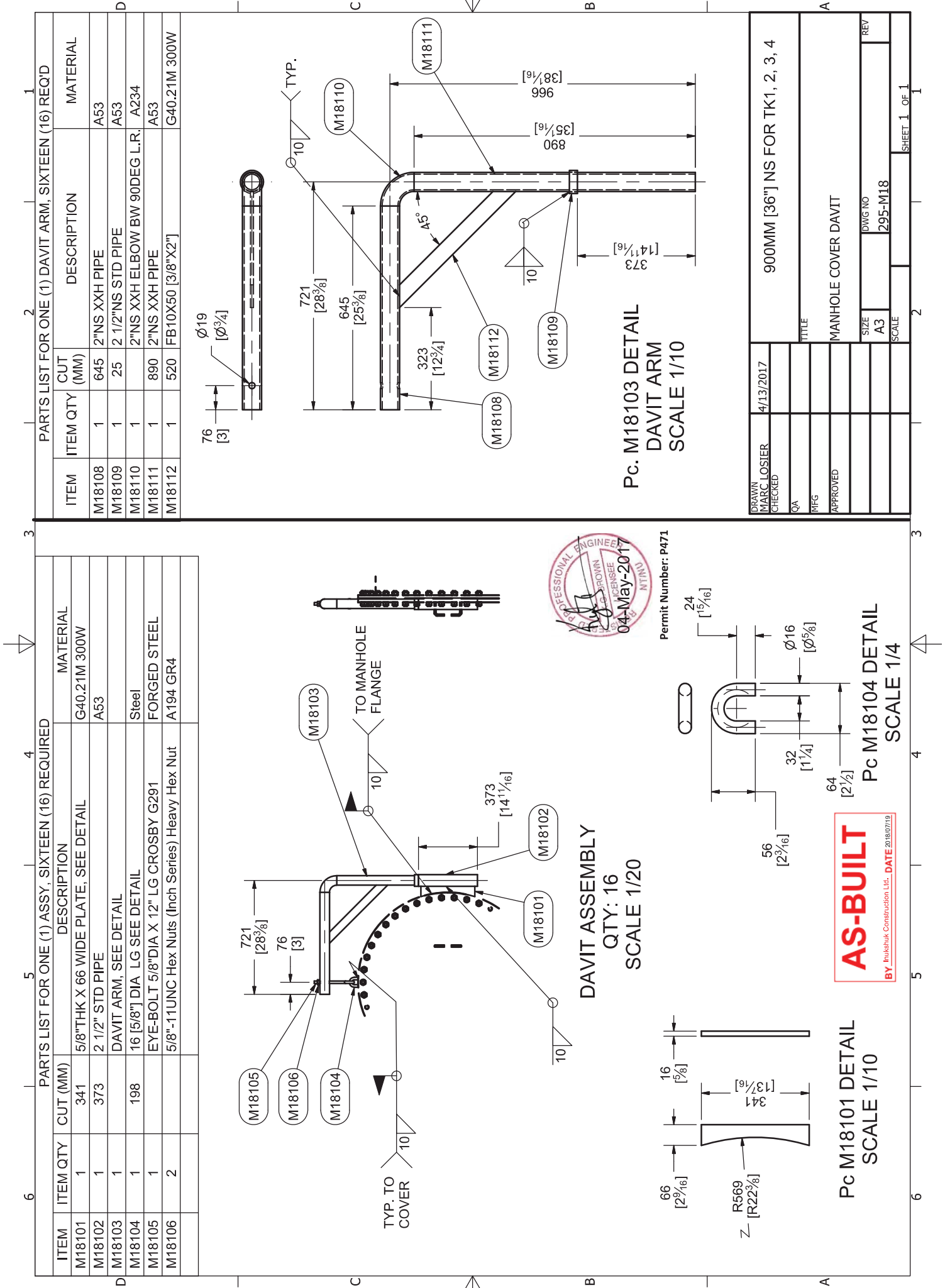
AS-BUILT

BY Inukshuk Construction Ltd.
 DATE 2018/07/19



Permit Number: P471

DRAWN Jacob Saunders	4/13/2017	MISC BRACKETS	
CHECKED			
QA		TITLE	
MFG			
APPROVED		MISC. SUPPORTS AND BRACKETS	
		SIZE	DWG NO
		A3	295-M17
		SCALE	REV
			2
		2	SHEET 4 OF 5



PARTS LIST FOR ONE (1) DAVIT ARM, SIXTEEN (16) REQ'D				
ITEM	ITEM QTY	CUT (MM)	DESCRIPTION	MATERIAL
M18108	1	645	2"NS XXH PIPE	A53
M18109	1	25	2 1/2"NS STD PIPE	A53
M18110	1		2"NS XXH ELBOW BW 90DEG L.R.	A234
M18111	1	890	2"NS XXH PIPE	A53
M18112	1	520	FB10X50 [3/8"X2"]	G40.21M 300W

PARTS LIST FOR ONE (1) ASSY, SIXTEEN (16) REQUIRED				
ITEM	ITEM QTY	CUT (MM)	DESCRIPTION	MATERIAL
M18101	1	341	5/8"THK X 66 WIDE PLATE, SEE DETAIL	G40.21M 300W
M18102	1	373	2 1/2" STD PIPE	A53
M18103	1		DAVIT ARM, SEE DETAIL	
M18104	1	198	16 [5/8"] DIA LG SEE DETAIL	Steel
M18105	1		EYE-BOLT 5/8"DIA X 12" LG CROSBY G291	FORGED STEEL
M18106	2		5/8"-11UNC Hex Nuts (Inch Series) Heavy Hex Nut	A194 GR4

DRAWN MARC LOSIER	4/13/2017	900MM [36"] NS FOR TK1, 2, 3, 4	
CHECKED		TITLE	
QA		MANHOLE COVER DAVIT	
MFG		SIZE	
APPROVED		A3	
		DWG NO	
		295-M18	
		SCALE	
		1 OF 1	

		900MM [36"] NS FOR TK1, 2, 3, 4	
		TITLE	
		MANHOLE COVER DAVIT	
		SIZE	
		A3	
		DWG NO	
		295-M18	
		SCALE	
		1 OF 1	

MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #3
1	1	CG0.15/8" X 3'-4" LG (GB)	G40.21-300W	C	
2	1	CG0.15/8" X 3'-4" LG (GB)	G40.21-300W	C	
3	1	CG0.15/8" X 3'-0" LG (GB)	G40.21-300W	C	
4	1	CG0.15/8" X 3'-0" LG (GB)	G40.21-300W	C	
5	2	3/8" THK X 3" ANGLE X 3'-1 29/32" LG (GB)	G40.21-300W	C	
6	4	3/8" THK X 3" X 5"	G40.21-260W	C	
7	16	1/4" THK X 6" X 10" C/W R2 RADIUS CORNERS (1) NUT & 5/8" X 1 3/4" LG HEX HD BOLT 5/8" (1) NUT & 5/8" X 1 3/4" LG HEX HD BOLT 5/8" (1) NUT & 5/8" X 1 3/4" LG HEX HD BOLT 5/8"	G40.21-260W	C	
8	2	3/8" THK X 3" ANGLE X 3'-1 1/8" LG (GB)	G40.21-300W	C	
9	2	1/4" THK X 5" X 3/4" SEE DETAIL	G40.21-260W	C	
10	4	1/4" THK X 6" X 6"	G40.21-260W	C	

TYPICAL HANDRAIL/POST DETAIL

TOPRAIL - 1/4" x 2" x 2" ANGLE
HANDRAIL - 1/4" x 2" x 2" ANGLE
MIDRAIL - 1/4" x 2" FLATBAR
TOEBOARD - 1/4" x 6" FLATBAR
POST - 1/4" x 2 1/2" x 2 1/2" ANGLE
GRATING - 19-W-4 1 1/2" DEEP x 3/16" GALVANIZED SFRATED BAR GRATING

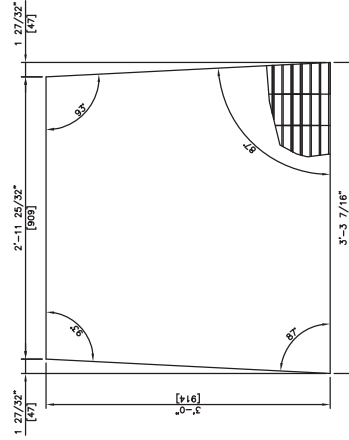
BELLANIGALL LOCATED ON OUTSIDE ONLY - BOLTED TO PLATEFORM

TABLE 1. CONTINUED TO OF GRAIN TO PLANT

FRAME USING SADDLE CLIPS (BOLTED).

PLATFORM IS CAPABLE OF SUPPORTING A MOVING AND HANDRAIL LOAD OF 200 LBS IN ANY DIRECTION.

AGNICO EAGLE MINES LIMITED - MELADINE PROJECT	
TELE	MID PLATFORM DETAIL
PROJECT NO. 6515	
TANK TAG: TIK #4	
REMARKS	17-03
DATE	17-APR-17
TIME	0



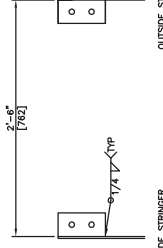
The diagram shows a cross-section of a handrail post. The outer diameter is labeled as $\phi 1\frac{1}{8}"$. A minimum wall thickness dimension is shown as $\frac{[.4]}{[.7]}$. Two internal slots are shown, each with a width of .25 inches and a depth of 1 inch. A note indicates that the slots may be located to match the handrail post.

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

Permit Number: P471

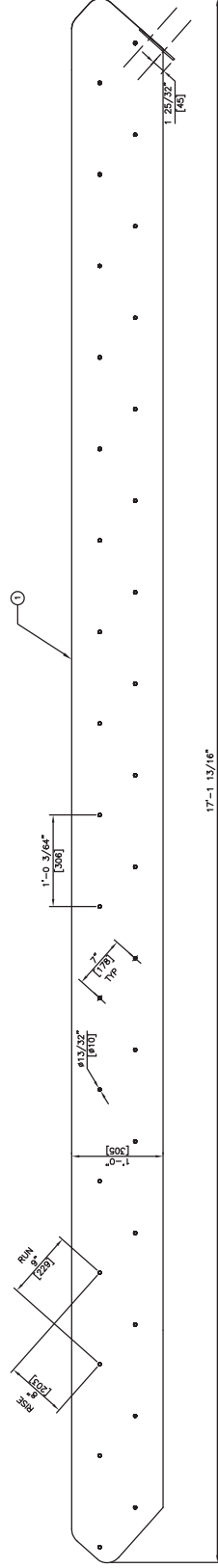
Permit Number: P471



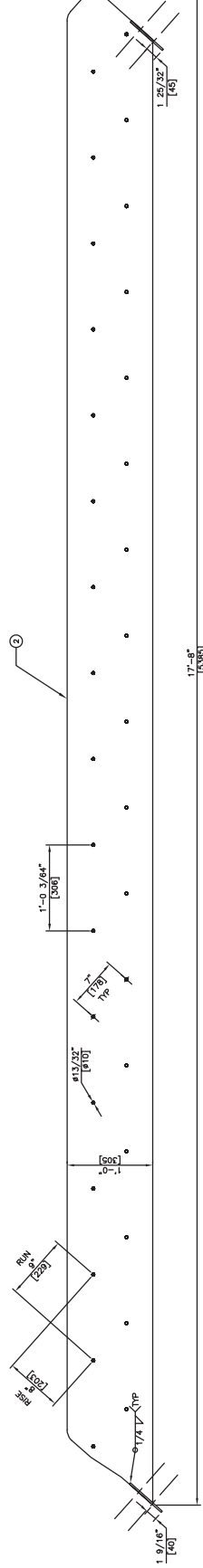
BILL OF MATERIALS

[illegible]

BILLING FOR ONE TANK SHOWN, ONE REQUIRED



INSIDE BOTTOM STRINGER



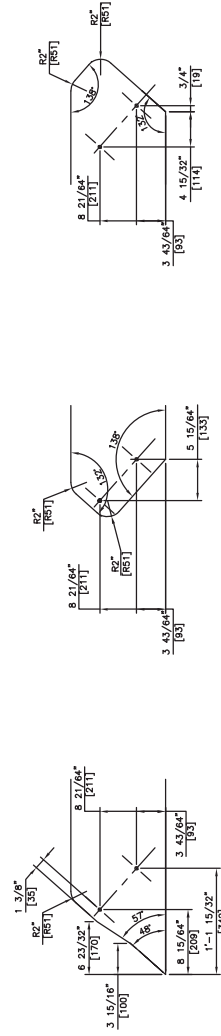
INSIDE STRINGER - THREE SECTIONS REQUIRED



AS-BUILT

Permit Number: P471

NOTE: MARK 3 IS PLACED SAME SIDE AS STAIR.

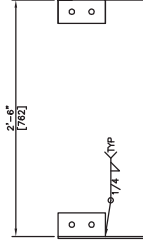


BOTTOM @ PLATFORM

BOTTOM

TOP

[illegible]

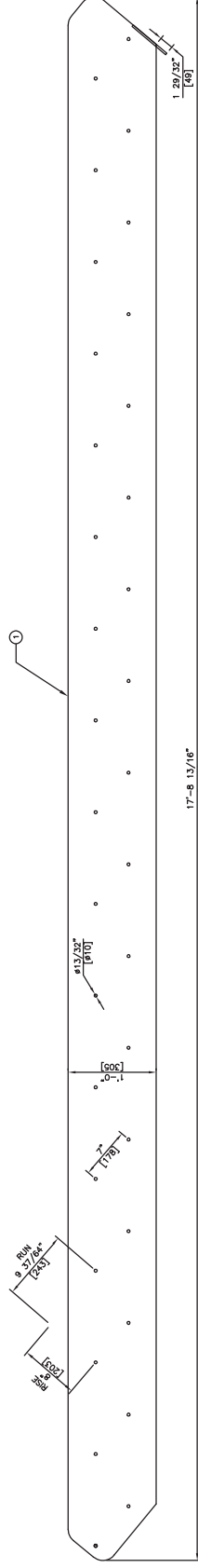


OUTSIDE STRINGER

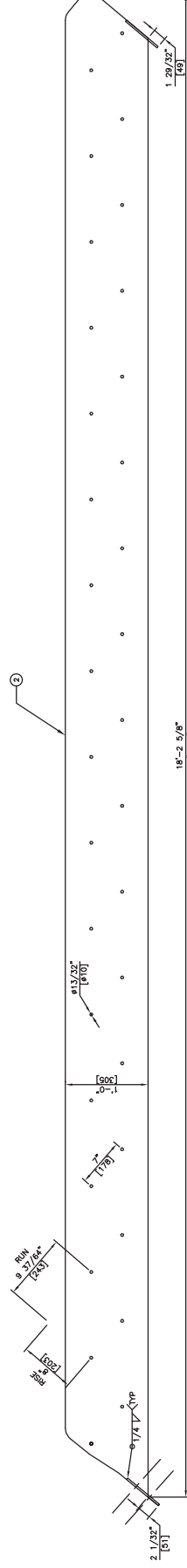
STRINGER CLIP TO PLATFORM

[illegible]

BILLING FOR ONE TANK SHOWN, ONE REQUIRED



OUTSIDE BOTTOM STRINGER



OUTSIDE STRINGER – THREE SECTIONS REQUIRED

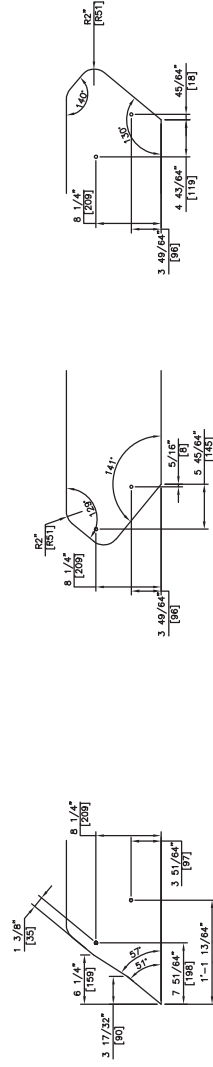


AS-BUILT

BV Inukshuk Construction Ltd. **DATE** 2018/07/19

NOTE: MARK 3 IS PLACED SAME SIDE AS STAIR.

Permit Number: P471



BOTTOM @ PLATFORM

BOTTOM

TOP

[illegible]

MARK	QTY.	DESCRIPTION	MATERIAL	MFR	WT #
1	6	3/8" x 3" x 3" ANGLE x 3"-3" LG (P&E)	GA0.21-2600W	C	-
2	18	1/4" THK x 2 5/8" x 7" LG	GA0.21-2600W	C	-
3	50	2 5/8" x 1 1/4" LG HEX HLT 5/4" (1) LG	GA0.21-2600W	C	-
4	50	2 5/8" x 1 1/4" LG HEX HLT 5/4" (1) NUT & WASHER AND (2) FLAT WASHERS	ASST ONLY	C	-
5	17	1/4" THK x 6" x 10" 6/4" 2" RADIUS CORNERS	GA0.21-2600W	C	-
6	1	C&H10.55 x 2" 2"-1 1/4" LG	GA0.21-2600W	C	-
7	16	1/4" THK x 6" x 6"	GA0.21-2600W	C	-

AS-BUILT

CHANNEL SUPPORT IS FOR BOTTOM OF STAIRS ONLY.

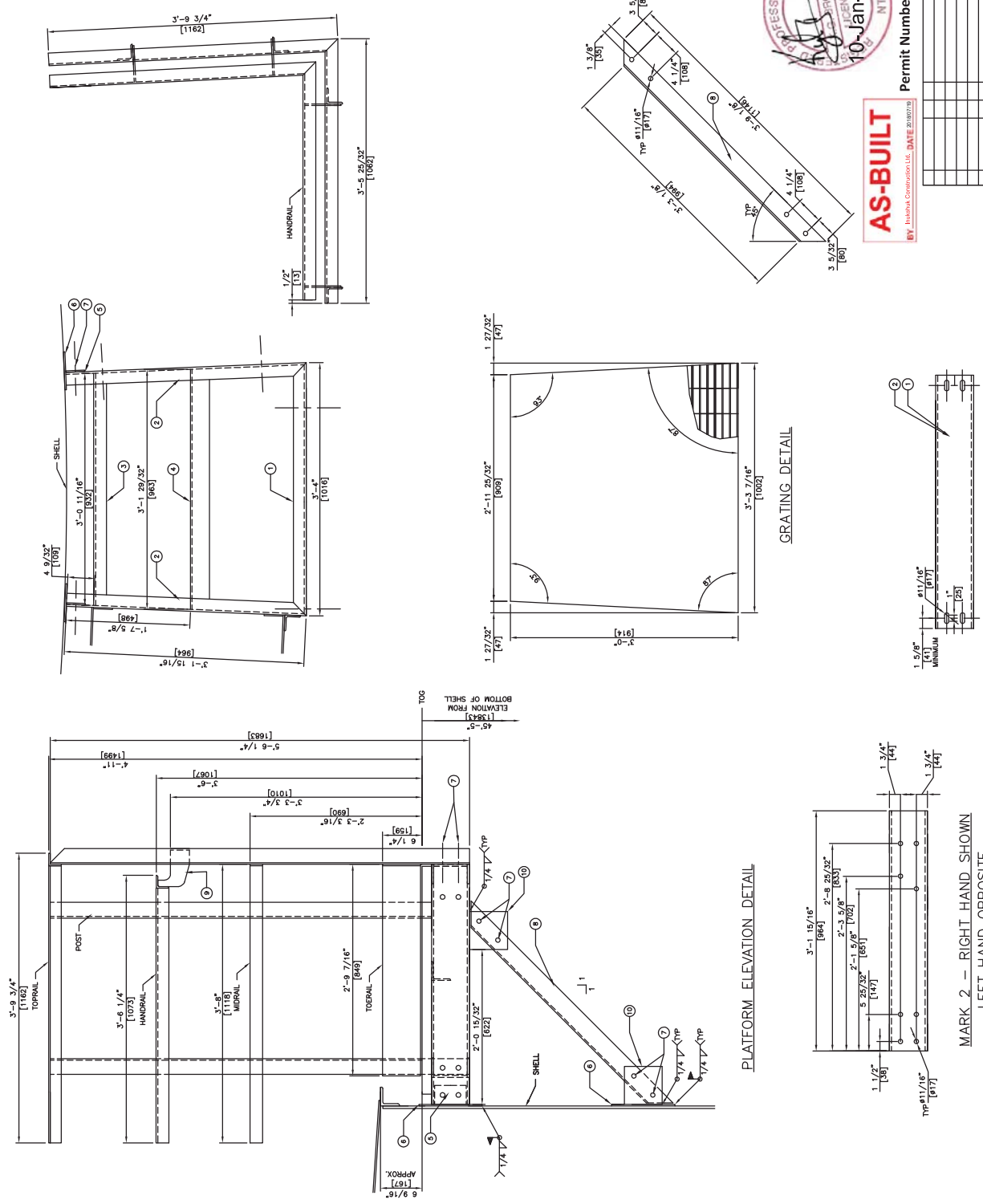
[illegible]

SUB-ARC SYSTEMS INC.

BILL OF MATERIALS

MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #
1	1	68410.54 x 3'-4" LG (CSE)	G40.21-300W	C	-
2	2	68410.54 x 3'-1 15/16" LG (CSE/POE)	G40.21-300W	C	-
3	1	68410.54 x 3'-0 11/16" LG (CSE)	G40.21-300W	C	-
4	1	3/8" x 3" x 3" ANGLE x 3'-1 29/32" LG (CSE)	G40.21-300W	C	-
5	2	3/8" THK x 3" x 5"	G40.21-300W	C	-
6	4	1/4" THK x 6" x 10" 2" RADIUS CORNERS	G40.21-300W	C	-
7	20	5/8" x 1 3/4" LG HEX HD BOLT c/w (1) NUT & WASHER	A325 ONLY	C	-
8	2	1/4" THK x 3" x 3" ANGLE x 3'-0 11/16" LG (CSE)	G40.21-300W	C	-
9	4	1/4" THK x 5" x 5 3/4" SEE DETAIL	G40.21-300W	C	-

BILLING FOR ONE TANK SHOWN, ONE (1) REQUIRED



APPENDIX G

Inspection Report – Handover Package for Tank #6

AS BUILT DRAWING BINDER TANK 6 – 250CUM

AEM PURCHASE ORDER: OC-568510

AEM PACKAGE NO.: 6515-C-260-002

PACKAGE TITLE: FUEL TANKS (SUPPLY & INSTALL)

ICL Project No.: 295

ICL Document No.: 295-B4 As-Built

AEM Document No.: 6515-C-260-002-141-QCR-0012_Sub001

Revision: 0

OWNER:

Agnico Eagle Mines Limited

145 King St. East, Suite 400

Toronto, ON

M5C 2Y7

GENERAL CONTRACTOR:

Inukshuk Construction Limited

PO Box 654

Rankin Inlet, NU

X0C 0G0

Contact: David Mosher

PH: (867) 645-4030

FX: (902) 429-7762

Submitted by: Inukshuk Construction Limited

Date Submitted: July 25, 2018

		Vendor Document Status	
AGNICO EAGLE			
1	☐	Proceed to next submission and status.	
2	☐	Proceed with exceptions as noted to next submission and status.	
3	☐	Do not proceed. Revise as noted and resubmit next submission and status.	
4	☐	Complete, no further submission required.	
By:		Date:	
Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.			
Agnico Eagle No.		6515-C-260-002-141-QCR-0012 R: Sub001	
DOCUMENT FOR INFORMATION			

INSPECTION & TEST PLAN

Client: AGNICO EAGLE	Tank Tag: TK #6	Document: TK#6 ITP
Project ID: MELIADINE GOLD MINE	Work Order: 295	Revision: 0

Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	Witness, Hold, Review		
							Points		
							Client	Q.C.	Sign/Date
1	Kick-Off Meeting	Kickoff Meeting	N/A	Meeting Minutes	N/A				H
2	Signature Log	Verify	N/A	Signature Log	N/A				H
3	Welder Qualification	Verify	N/A	Individual Welder Qualifications / Welder Log	API-650 / ASME IX				H
4	Inspector Qualification	Verify	N/A	In house Inspector & 3 rd Party Qualifications	API-650				H
5	Weld Procedures	Verify	N/A	Approved Weld Procedures	API-650 / ASME IX, CWB W47.1				H
6	Welding Consumable	Electrode Storage	N/A	N/A	Manufacturer's Instructions				R
7	Foundation	Foundation Survey	DC	Foundation Acceptance Report, Compaction Report & Survey from 3rd Party	API-650 Para 7.5.5				H
8	Floor	Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR of all plate under shell.			
		Fit up	VE, DC	As Built Drawing	Drawing	per API-650 5.1.5.4 - bottom plates under the shell shall have the outer ends of the joints fitted and lap-welded to form a smooth bearing surface.			R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Vacuum Test	VB	Vacuum Box Test Report	API-650 Para 7.3.3(a) & 8.6				W
9	Shell to Floor Seams	Initial Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1				R
		Final Weld Pass	VE	Weld Map, Visual Report	API-650 Para 8.5, 7.2.4.1				R
		Diesel Test	NDT	Leak Test Report	API-650 Para 7.2.4.1 d)				W
		Materials	FI	MTR Confirmation to Dwg	Drawing & API-650 Sect. 4	MTR of all plate			H
10	Shell	Fit up 1 st Course	VE, DC	As Built Drawing	Drawing				R
		Roundness	DC	Dimension Report	API-650 Para 7.5.3				H
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2, 7.5, 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
		Diesel Test Shell Welds	NDT	Leak Test Report	API-650 Para 7.3.6.2(a)i)				W
		UT – All Shell	NDT	UT report / Log / Map	API-650 Para Annex U	Shell less than 3/8" shall be interpreted as 3/8" as a modification of API-650. All T joint UT.			H
		Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
11	Compression Ring	Fit up	VE, DC	As Built Drawing	Drawing				R
12	Roof	Fit up	VE, DC	As Built Drawing	Drawing				R
13	Roof Structure	Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Fit up	VE, DC	As Built Drawing	Drawing				R
		Column Plumbness	DC	Dimension Report	API-650 Para 7.5.2 b)				H
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R

Item	Component	Activity	ITP Type	Documentation	Acceptance Criteria	Notes	Witness, Hold, Review		
							Points		Q.C.
							Client	Sign/Date	
14	Nozzles	Layout	VE, DC	As Built Drawing	Drawing				H
		Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
15	Manway	Shell Nozzle Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5				W
		MPI	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Nozzles			W
		Layout	VE, DC	As Built Drawing	Drawing				H
		Fit up	VE, DC	As Built Drawing	Drawing				R
16	Manway	Welding	VE	Weld Map, Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Tolerance Check – Plumbness & Local Deviations	DC	Dimension Report	API-650 Para 7.5				H
		Shell Manway Repad Air test	AT	Leak Test Report	API-650 Para 7.3.5				W
		MPT	NDT	MPI Report	API-650 Para 7.2.3.6	All welds of Shell Manways			R
17	Internals	Layout / Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
		Stillwell Plumbness	DC	Dimension Report	API-650 Para H.4.5				R
		MPI or LP	NDT	NDT Report	Sump Welds (if applicable) 7.3.4	MPI all welds			H
18	Externals	Layout / Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
19	Stairs & Platforms	Fit up	VE, DC	As Built Drawing	Drawing				R
		Welding	VE	Visual Report	API-650 Para 7.2 & 8.5 & WPS				R
20	Bolts & Nuts	Inspection	VE, DC	As Built Drawing	Drawing	Bolt Torque			W
		Name Plate Verification	N/A	Scan of Name Plate	Drawings				H
20	Final	Final Inspection	FI	As Built Drawings, Data Sheet, Manufacturer's Certification (3 rd Party), Punch List	Drawings				H

DEFINITIONS:

W - WITNESS: Specified activity to be observed by an outlined party. QC to provide the applicable party 24 hours notice of witness point.

H - HOLD: Specified component or installation to be inspected by an outlined party. No further activities specific to the component or installation may proceed until inspection is carried out. QC to provide the applicable party 24 hours notice of hold point.

R - REVIEW: Specified documentation and specifications applicable to a particular component and/or installation to be examined by an outlined party.

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

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

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

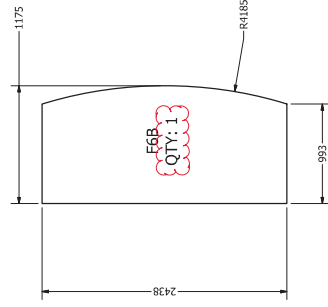
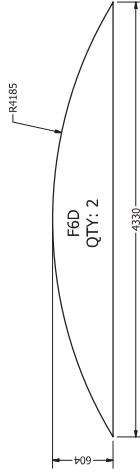
NDT - NON DESTRUCTIVE TESTING: Specified component and/or installation to be inspected using a named non destructive testing method according to specified documentation and specifications.

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

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

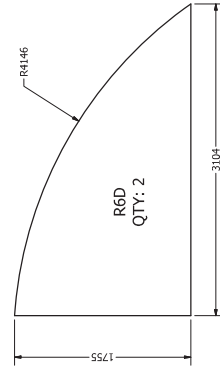
Tank #	qty	Qty of Component	Connection	Description	Lght (in)
6	26.00	13	Shell to Rafter Connection	Bolt, Structural A325, 5/8"	1.75
6	26.00	13	Rafter to Center Column	Bolt, Structural A325, 5/8"	3
6	52.00			Nut, Structural heavy hex 5/8"	
6	104.00			Washer, type A, 5/8"	
6	84.00	2	32"Shell Manhole	Stud, L7, 3/4"	2 3/4
6	48.00	6	6" in/out Nozzle	Stud, L7, 3/4"	4
6		4	3" Water Drawoff	Stud, L7, 5/8"	3 1/2
6	20.00	1	24" Roof manhole	Stud, L7, 5/8"	2 1/4
6	80.00	1	24" Roof manhole emergency vent	Stud, L7, 5/8"	9.5
6	16.00	1	16" Vent	Stud, L7, 1"	5 1/4
6	8.00	1	8" Roof Nozzle	Stud, L7, 3/4"	4 1/4
6	8.00	1	6" Gauge Hatch	Stud, L7, 3/4"	4
6	2.00	2	32"Shell Manhole	Gasket, Ring, Durlon 8500, 1/8", 899 o.d.x 762 i.d.	
6	6.00	6	6" in/out Nozzle	Gasket, Ring, Durlon 8500, 1/8" x 6" x 150#	
6		4	3" Water Drawoff	Gasket, Ring, Durlon 8500, 1/8" x 3" x 150#	
6	2.00	2	24" Roof manhole	Gasket, Ring, Durlon 8500, 1/16" x 762 x 610	
6	1.00	1	8" High Level	Gasket, Ring, Durlon 8500, 1/16" x 150#, 8"	
6	1.00	1	6" Gauge Hatch	Gasket, Full Face, Durlon 8500, 1/16" x 150#, 6"	
6	32.00			Nut, A194, Gr. 4, 1"	
6	296.00			Nut, A194, Gr. 4, 3/4"	
6	200.00			Nut, A194, Gr. 4, 5/8"	

AS-BUILT

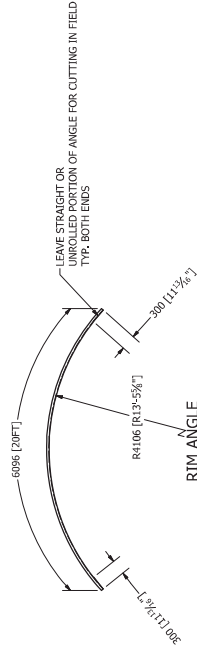


BY Inukshuk Construction Ltd. DATE 2019.07.19

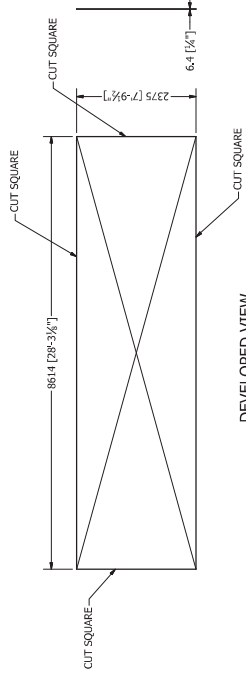
DESIGN		1/10/2017		TK #6 (250KL) FLOOR LAYOUT	
CHECKED		3/15/2017		TITLE	
Jacob Saunders					
MARC LOSER					
QA					
NFG				MELADINE FIELD ERECTED TANK - TANK #6 (250KL) FLOOR AND ROOF LAYOUT	
APPROVED					
REVISION HISTORY		SIZE		DWG NO	
1		A1		295-M6	
2		SCALE		1/1	
3		1		2	
4		3		4	
5		4		5	
6		5		6	
7		6		7	
8		7		8	
9		8		9	
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94		93		94	



DATE	1/10/2017	TK #6 (250KL) ROOF LAYOUT			
CHECKED	JACOB STAUDERS				
DATE	3/15/2017	TITLE			
BY	GA	MELAPINE FIELD ERECTED TANK - TANK			
BY	WEG	#6 (250KL) FLOOR AND ROOF LAYOUT			
APPROVED		DATE	INVOICE NO	REV	
		1/25	295-M6	1	
		2			SHEET 2 OF 2

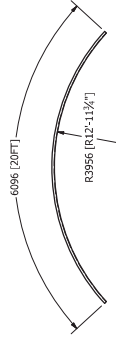


PLAN VIEW ROLLED SHELL PLATES
SCALE 1/50

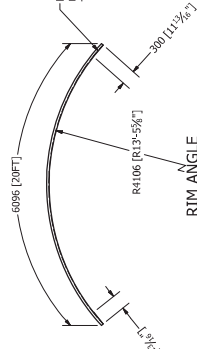


DEVELOPED VIEW
COURSE NO. 1 TO 2
6.4mm THK (1/4")
CUT FROM PLATE 2451mm x 8670mm
QTY: 6
SCALE 1/50
MARK 7601

ROOF TOP HANDRAIL ANGLE
50.8 X 50.8 X 6.4 X 6096MM LONG
(2" X 2" X 1/4" X 20")
STEEL CSA G40.21M 350W
ROLLED TOE OUT
QTY: 5
MARK 7603



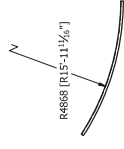
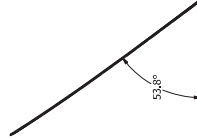
RIM ANGLE
50.8 X 50.8 X 6.4 X 6096 LONG
(2" X 2" X 1/4" X 20")
STEEL CSA G40.21M 350W
ROLLED TOE OUT
QTY: 5
MARK 7602



FRONT VIEW
SCALE 1/50



SIDE VIEW
SCALE 1/50



PLAN VIEW
SCALE 1/50

STAIRWAY HANDRAIL ANGLE
50.8 X 50.8 X 6.4 X 6096MM
(2" X 2" X 1/4" X 20" LONG)
STEEL CSA G40.21M 350W
QTY: 2
MARK 7604

NOTES:

SHELL PLATES TO BE CHECKED
CORNER TO CORNER FOR SQUARENESS

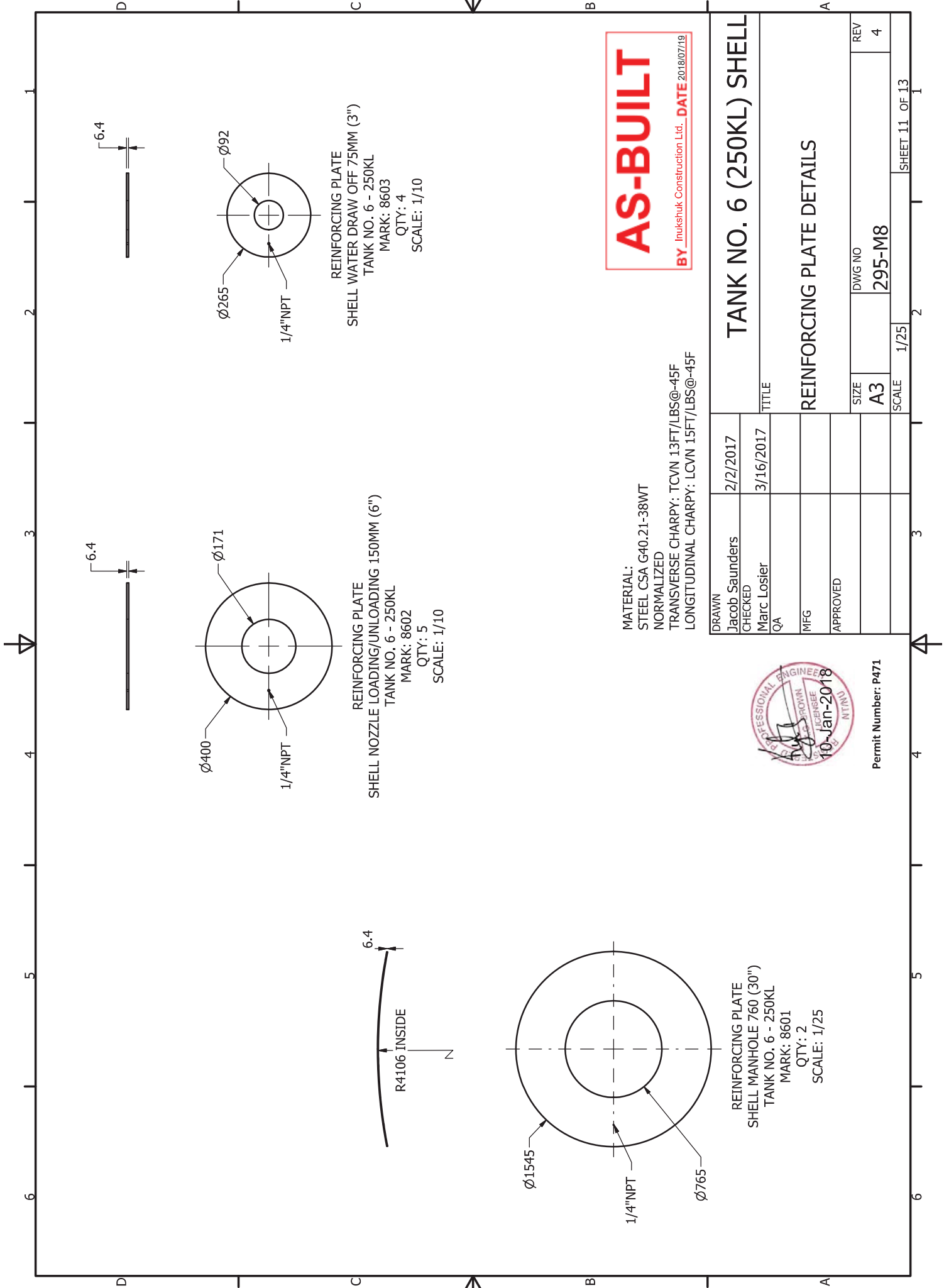
PLATE ENDS TO BE BROKEN IN PRESS BREAK BEFORE ROLLING
'DO NOT OVERROLL'

STEEL PLATES: 38WT SUPPLIED BY MEL
STEEL SHAPES: 350W SUPPLIED BY FORMATECH



AS-BUILT
BY Inubuilt Construction Ltd. DATE 20180709

DRAWN	2/2/2017	TITLE	TANK NO. 6 - 250 CUM
CHECKED	2/2/2017		
BY			
APPROVED			
SIZE			
DWG NO			
SCALE			
REV			
4			



MATERIAL:
STEEL CSA G40.21-38WT
NORMALIZED
TRANSVERSE CHARPY: TCVN 13FT/LBS@-45F
LONGITUDINAL CHARPY: LCVN 15FT/LBS@-45F

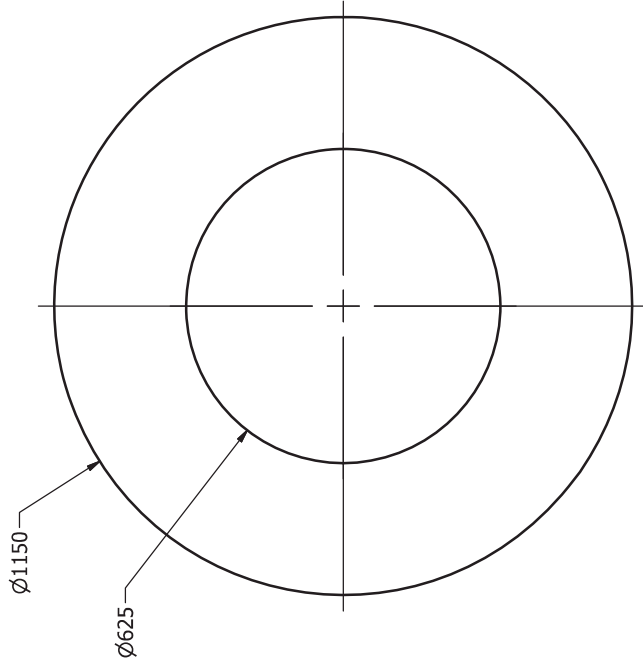
AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

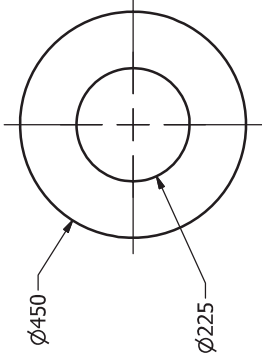
DRAWN	Jacob Saunders	2/2/2017	TANK NO. 6 (250KL) SHELL	
CHECKED	Marc Losier	3/16/2017	TITLE	
QA			REINFORCING PLATE DETAILS	
MFG				
APPROVED				
			SIZE	DWG NO
			A3	295-M8
			SCALE	1/25
			SHEET 11 OF 13	



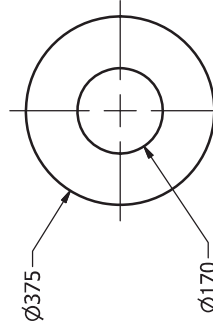
Permit Number: P471



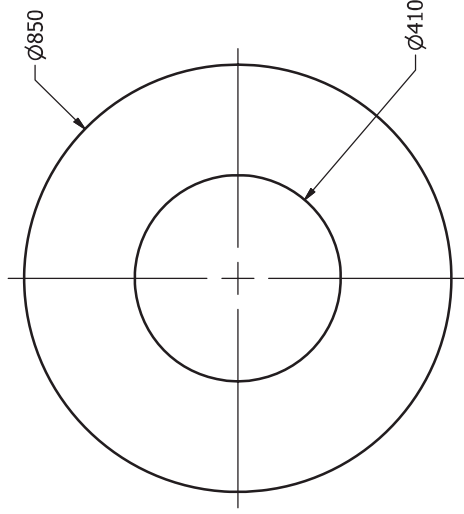
REINFORCING PLATE
ROOF MANHOLE 600MM
TANK NO. 6 - 250KL
MARK: 8604
QTY: 2



REINFORCING PLATE
ROOF NOZZLE 200MM
TANK NO. 6 - 250KL
MARK 8605
QTY: 1



REINFORCING PLATE
ROOF GAUGE HATCH 150MM
TANK NO. 6 - 250KL
MARK: 8606
QTY: 1



REINFORCING PLATE
ROOF VENT 400MM
TANK NO. 6 - 250KL
MARK: 8607
QTY: 1

AS-BUILT

BY Inukshuk Construction Ltd. DATE 2018/07/19

TANK NO. 6 (250KL) ROOF

TITLE

REINFORCING PLATE DETAILS

SIZE	DWG NO	REV
A3	295-M8	4

SCALE

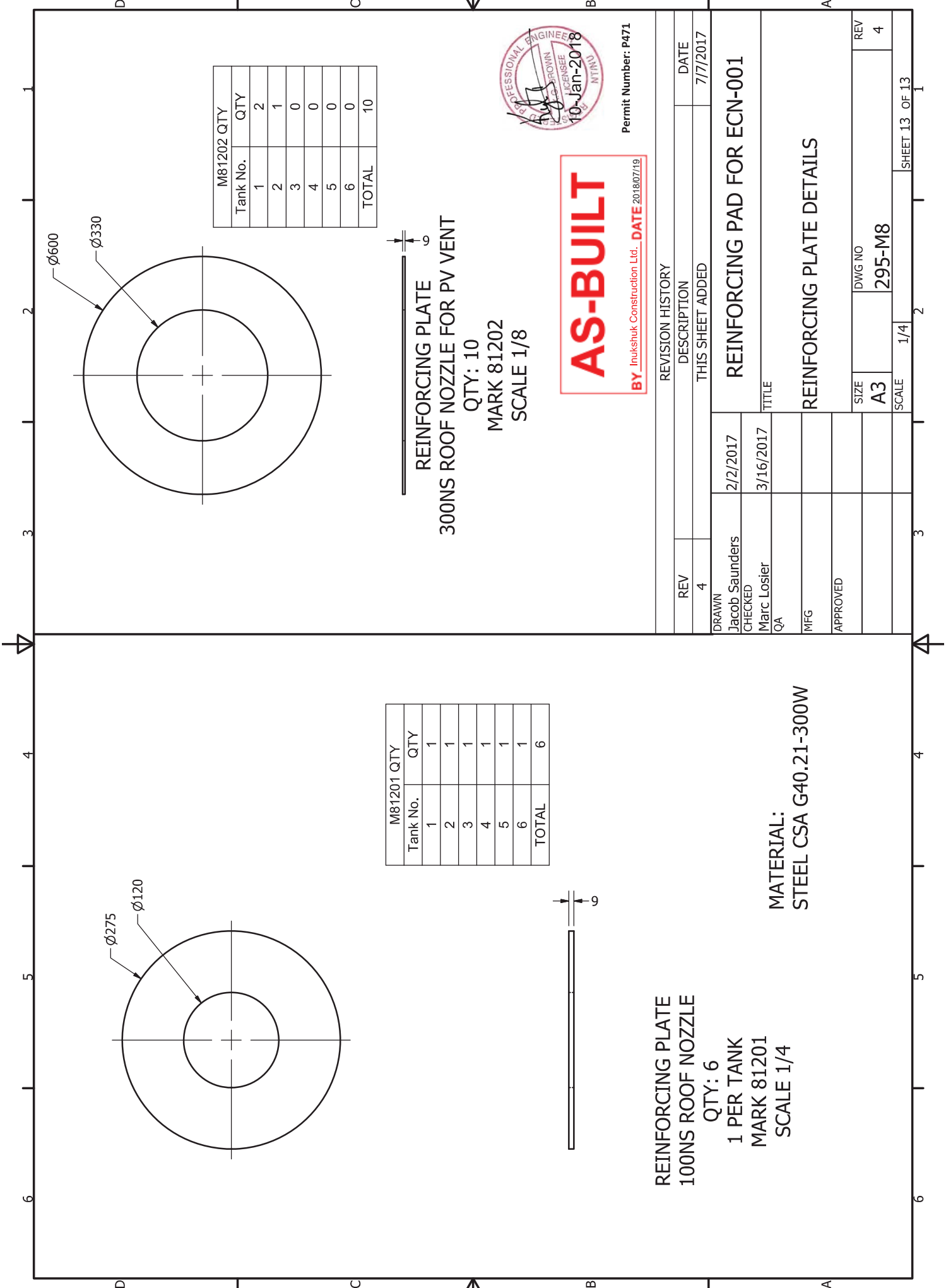
1/10

SHEET 12 OF 13



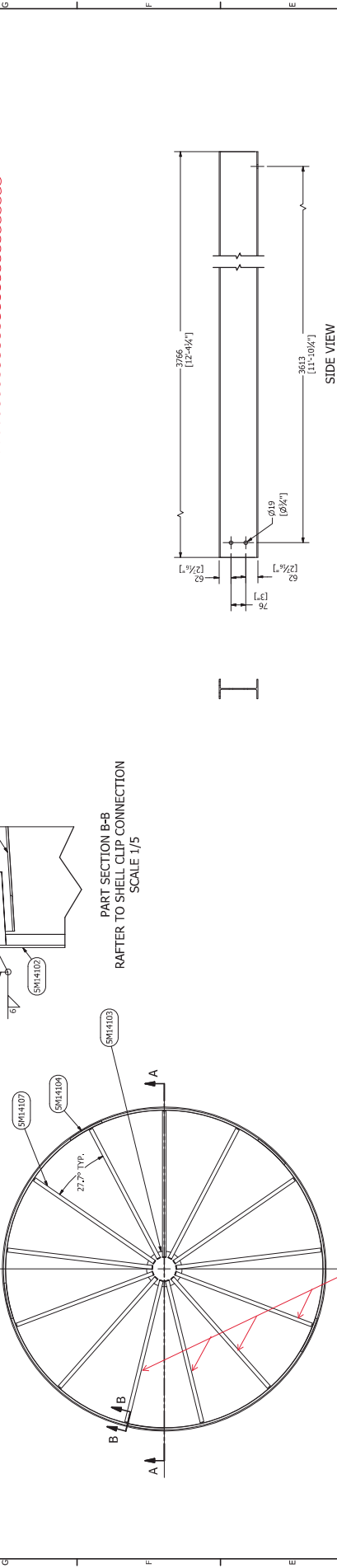
Permit Number: P471

MATERIAL:
STEEL CSA G40.21-38WT
NORMALIZED
TRANSVERSE CHARPY: TCVN 13FT/LBS@-45F
LONGITUDINAL CHARPY: LCVN 15FT/LBS@-45F

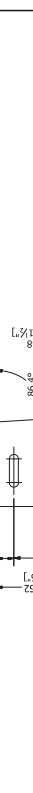
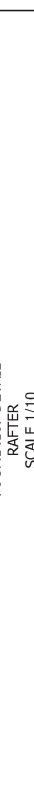
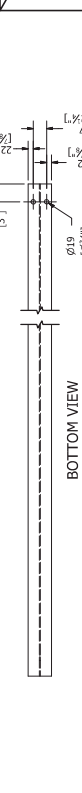


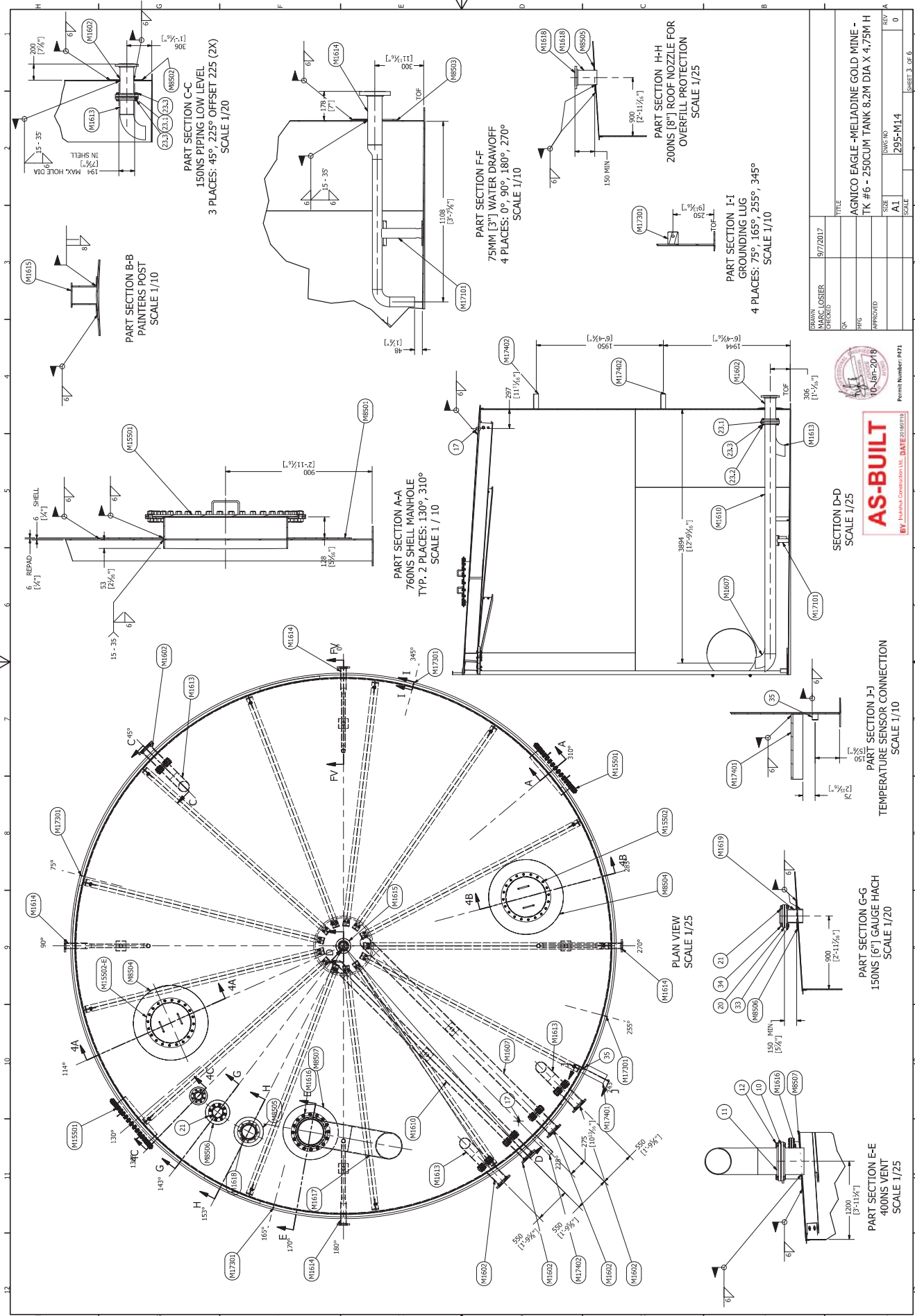
PARTS LIST																			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION	MATERIAL		MASS													
5M14101	1	TS86 Roof	FLOOR PLATE 6 [1/4" THK - SEE DRG 295-M5																
5M14102	6	CI Shell Plate - 250KL	SHELL PLATE 6-35 [1/4" THK - SEE DRG 295-M7																
5M14103	1	TS86 Center Column	CENTER COLUMN - SEE SHIT. 2																
5M14104	1	TS86 Roof	ROOF PLATE 6 [1/4" THK - SEE DRG 295-M5																
5M14105	1	TS86 Roof	ROOF PLATE 6 [1/4" THK - SEE DRG 295-M5																
5M14106	13	TS86 Shell Clip	SHELL CLIP 10 [3/8" THK X 152 (6" WD X 189 (7 1/2" LG																
5M14107	9	ALSC - W 8X10 - 148.26.99	RAFTER W20X115 (W8 X 10) X 3766 (12'-4 1/4" LG																
5M14108	26	ANSI B18.2.6 - 5/8-11 UNC - 1.5	Heavy Hex Structural Bolt - UNC (Regular Thread - Incl)																
5M14109	52	ANSI B18.2.6 - 5/8-11 UNC - 11	Heavy Hex Structural Bolt - UNC (Regular Thread - Incl)																
5M14110	26	ANSI B18.2.6 - 5/8-11 UNC - 2.75	Heavy Hex Structural Bolt - UNC (Regular Thread - Incl)																
5M14111	26	ANSI B18.2.6 - 5/8-11 UNC - 1.5	Heavy Hex Structural Bolt - UNC (Regular Thread - Incl)																
5M14112	4	ALSC - W 8X10 - 148.26.99	RAFTER W20X115 (W8 X 10) X 3766 (12'-4 1/4" LG																

5M14103
If Bolters Replaced
With W20X115 Bolters



5M14103
If Bolters Replaced
With W20X115 Bolters





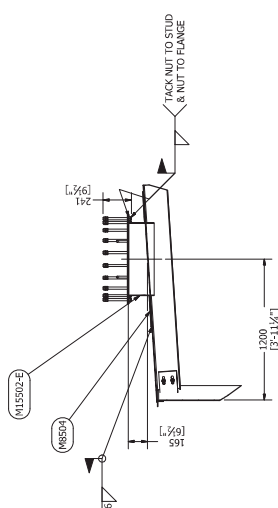
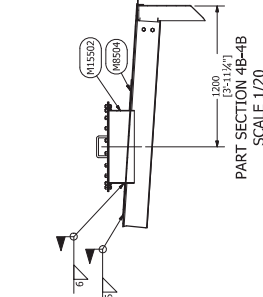
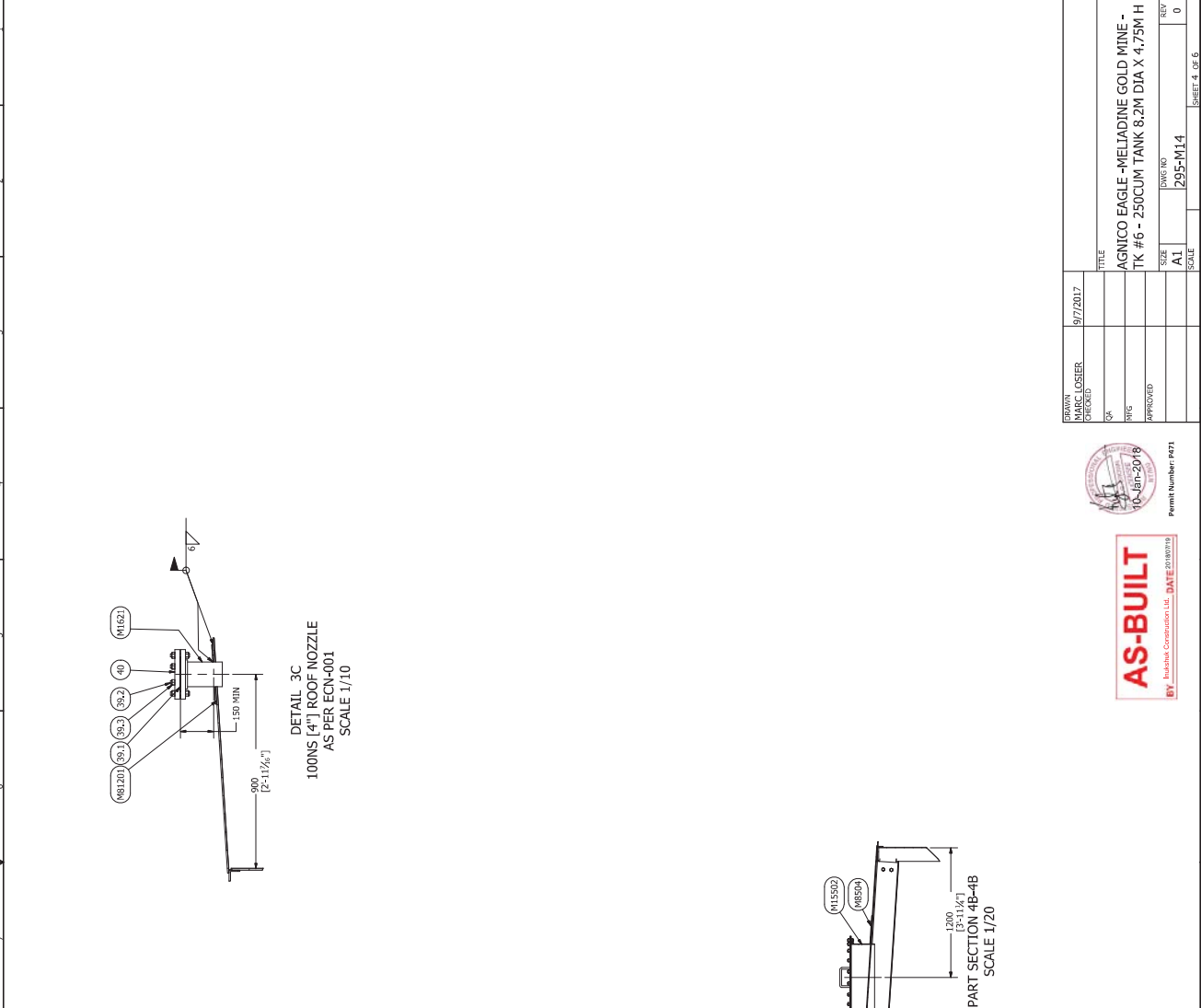
DRAWN	MARC LOSSER	CHECKED	QA	REV	0
DATE	9/7/2017	TITLE	AGNICO EAGLE - MELIADINE GOLD MINE - TK #6 - 2500MM TANK 8.2M DIA X 4.75M H	SCALE	295-M14
APPROVED		DATE	10-18-2018	SCALE	295-M14
DATE	9/7/2017	SCALE	295-M14	SCALE	295-M14



AS-BUILT
BY: Industrial Construction Ltd. DATE: 2018/10/18
Permit Number: P471

FU

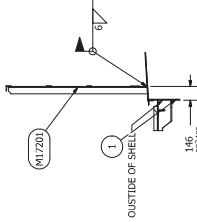
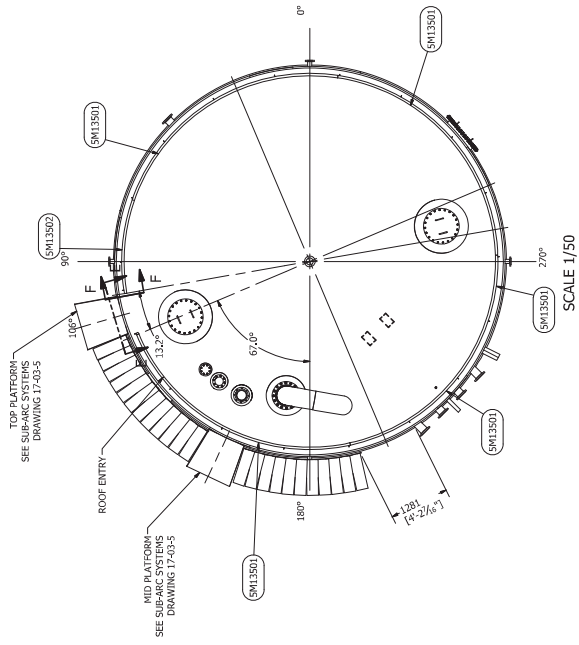
ITEM	ITEM QTY	DESCRIPTION	FAB. DRG. NO.	MATERIAL
10	1	400NS [16"] GASKET, 1.6 [1/16"] THK, RING		DURLON 8500
11	2	1/4" UNC X 3/4" LONG STUD		A194 GR 4
12	1	1/4" UNC X 3/4" LONG STUD		A350 LF2
13	1	250NS [1"] NPT COUPLING, 3000# PRV PIPING CONNECTION		DURLON 8500
20	1	150NS [6"] X 1.6 [1/16"] GASKET, 150# FULL FACE		ALUMINUM
21	1	150NS [6"] GAUGE HATCH, SHANG AND JUR'S MODEL NO. 9501D-02-00		DURLON 8500
23	5	JOINT MATERIAL FOR 6" 150# FLANGE CONNECTION COMPRISIN:		
23.1	1	150NS [6"] X 3.2 [1/8"] THK GASKET, RING, 150#		DURLON 8500
23.2	1	150NS [6"] X 3.2 [1/8"] THK GASKET, RING, 150#		A194 GR 4
23.3	16	3/4" UNC HEAVY HEX NUT		L7
33	8	3/4" UNC X 4 1/4" LG STUD		A194 GR 4
34	16	3/4" UNC HEAVY HEX NUT		A350 LF2
35	1	20NS [3/4"] NPT COUPLING, 3000# (TEMPERATURE SENSOR)		M17
M17401	1	L100X10006 [4"x4"x1/4"] 400 [15 3/4"] LG (TEMPERATURE SENSOR)		M15
M1602	5	150NS DOUBLE FLANGE SHELL NOZZLE		M16
M1603	1	150NS [6"] ROOF NOZZLE FOR GAUGE HATCH		M16
M1610	1	150NS [6"] FIRED UNLOADING PIPE X 1.5M LG		M16
M1613	3	150NS [6"] PUMPING LOW LEVEL		M16
M1614	4	75NS [3"] WATER DRAWOFF VALVE SPOOL		M16
M1615	1	100NS PAINTERS POST		M16
M1616	1	400NS [16"] ROOF NOZZLE FOR VENT		M16
M1617	1	400NS [16"] VENT RETURN BEND PIPE		M16
M1618	1	400NS [16"] VENT RETURN BEND PIPE		M16
M1619	1	150NS [6"] ROOF NOZZLE FOR GAUGE HATCH		M16
M8501	2	760NS [32"] SHELL MANHOLE REINFORCING PAD		M8
M8502	5	150NS [6"] SHELL NOZZLE REINFORCING PLATE FOR LOADING AND UNLOADING PIPE		M8
M8503	4	75NS [3"] SHELL NOZZLE REINFORCING PLATE FOR WATER DRAWOFF VALVE		M8
M8504	2	600NS ROOF MANHOLE REINFORCING PAD		M8
M8505	1	150NS [6"] ROOF NOZZLE FOR GABRIEL PROTECTION		M8
M8506	1	150NS [6"] ROOF NOZZLE REINFORCING PLATE FOR GAUGE HATCH		M8
M8507	1	400NS [16"] ROOF NOZZLE REINFORCING PLATE FOR VENT		M8
M15301	2	760NS [32"] SHELL MANHOLE		M15
M15502	1	600NS [24"] ROOF MANHOLE		M15
M17101	2	PIPE SUPPORT		M17
M17101	4	PIPE SUPPORT		M17
M17402	2	1750X750 [13'X3'X1/4"] 400 [15 3/4"] BRACKET FOR PIPING OR ELECTRICAL CONDUIT		M17
M15502-E	1	600NS [24"] ROOF MANHOLE/EMERGENCY VENT		M15
M1621	1	100NS [4"] ROOF NOZZLE		M16
M81201	1	100NS [4"] REINFORCING PAD		M8
39	1	100NS [4"] PIPE JOINT MATERIAL COMPRISING:		Steel, Mild
39.1	8	100NS [4"] GASKET, RING, 1.6 [1/16"] THK		DURLON 8500
39.2	8	100NS [4"] GASKET, RING, 1.6 [1/16"] THK		A194 GR 4
39.3	16	5/8" UNC HEAVY HEX		A194 GR 4
40	1	Pipe Flanges - Flange Blind - Class 150, Inch		Steel



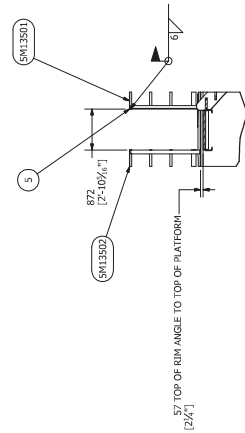
DRAWN MARC LOSSIER	9/7/2017	TITLE
CHECKED QA		
ENG		
APPROVED		
SIZE A1	DWG NO 295-M14	REV 0
SCALE		SHEET 4 OF 6

DRAWN MARC LOSSIER	9/7/2017	TITLE
CHECKED QA		
ENG		
APPROVED		
SIZE A1	DWG NO 295-M14	REV 0
SCALE		SHEET 4 OF 6

ITEM	ITEM QTY	DESCRIPTION	MASS
5M13501	4	PREFABRICATED ROOF TOP HANDRAIL SECTION SEE DETAIL 5M13501	118.244 kg
5M13502	1	PREFABRICATED ROOF TOP HANDRAIL SECTION TRIMMED AT SITE	48.993 kg
M17201	1	HANDRAIL POST = 1/25/7536 [13'X3'X1/4"] X 1479 [4'-10 1/4"]	23.905 lbmass
3	1	150X50X6 [12'X2'X1/4"] 38 [1 1/2"] LG	0.402 lbmass

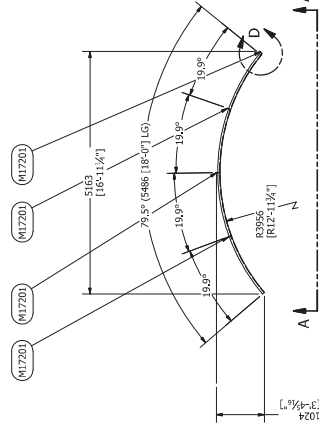


PART SECTION F-F
SCALE 1 / 25

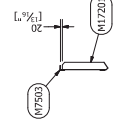


PART VIEW E-E
SCALE 1/50

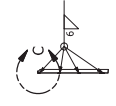
ITEM	PART NUMBER	ITEM QTY	BASE QTY	DESCRIPTION	PRE-FAB DRG #	MASS
M17201	AISC - L 3 x 3 x 1/4 - SS273846	4	1479	HANDRAIL POST = 1/25/7536 [13'X3'X1/4"] X 1479 [4'-10 1/4"]		23.905 lbmass
M17201	150X50X6 [12'X2'X1/4"] 38 [1 1/2"] LG	1	5486	150X50X6 [12'X2'X1/4"] 38 [1 1/2"] LG		0.402 lbmass
3	1586 Roof Kick Plate FB 150X50x6 (2)	2	5486	1586 Roof Kick Plate FB 150X50x6 (2)		15.346 lb
4	1586 Roof Kick Plate FB 150X50x6 (2)	1	5486	1586 Roof Kick Plate FB 150X50x6 (2)		20.916 lb



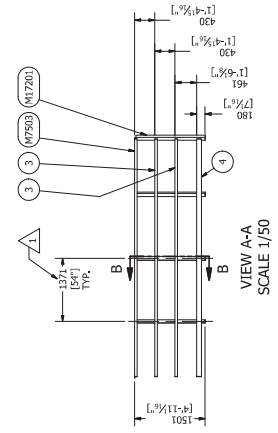
DETAIL D
SCALE 1 / 25



DETAIL C
SCALE 1 / 25



SECTION B-B
SCALE 1/50



VIEW A-A
SCALE 1/50

PC 5M13501
PREFABRICATED ROOF TOP HANDRAIL SECTION
QTY: 5
SCALE 1/50

FINISH:
SSPC SURFACE PREPARATION FOR PAINTING: SP6 COMMERCIAL SANDBLASTING
ONE COAT OF POLYVAL 390

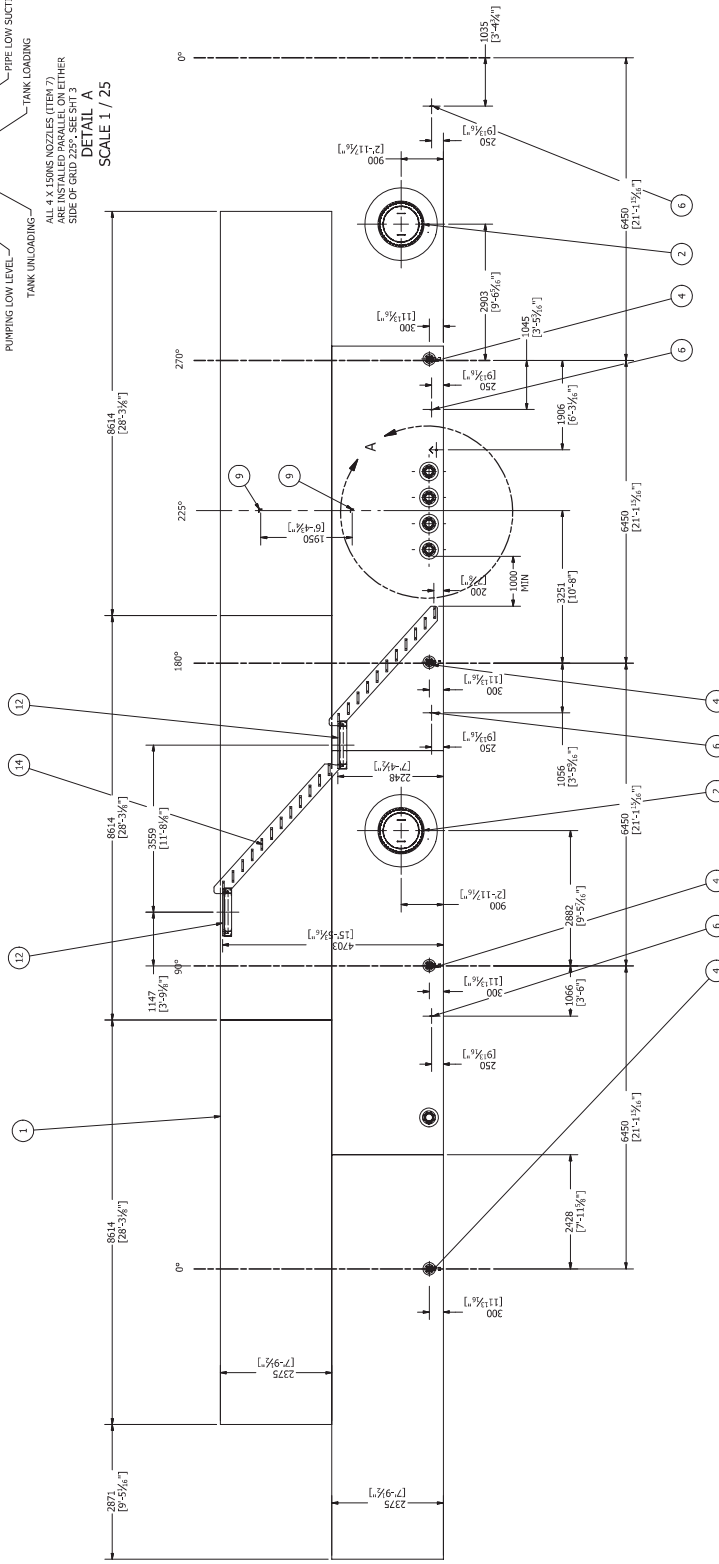
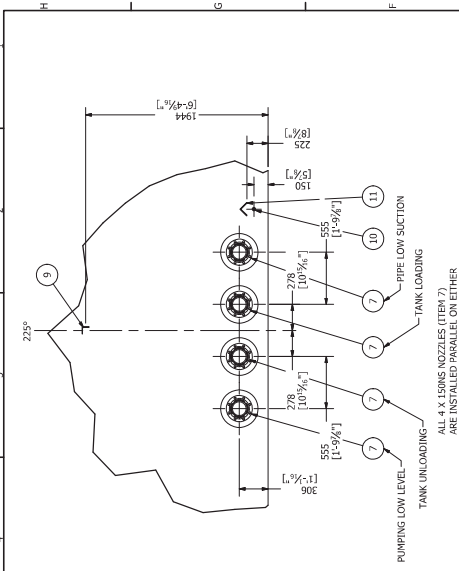
BROWN	9/7/2017	TITLE
MARC LOSIER		ROOF TOP HANDRAIL
CHECKED		
QA		
TRNG		
APPROVED		
SIZE	DATE NO	REV
A1	295-M14	0
SCALE		SHEET 5 OF 6



AS-BUILT
BY: Insulate Construction Ltd. DATE: 2018/07/15

Permit Number: R471

ITEM	ITEM QTY	PART NUMBER
1	6	SHELL PLATES 6 X 2375 X 8614
2	2	762NS SHELL MANHOLE
4	4	75NS WATER DRAWOFF VALVE NOZZLE
6	6	75NS WATER DRAWOFF VALVE NOZZLE
7	5	150NS SHELL NOZZLE
9	2	ATSC - L 3 X 3 X 1/4 - 15.748031 - FRN PIPE BRACKETS
10	1	200NS TEMPERATURE SENSOR CONNECTION
11	1	ATSC - L 4 X 4 X 1/4 - 15.748031 TEMPERATURE SENSOR PROTECTION
12	2	PLATFORM
14	23	STEP



AS-BUILT

BY: Inland Construction Ltd. DATE: 20/07/19

DEVELOP VIEW

9/7/2017

TITLE: AGNICO EAGLE - MELIADINE GOLD MINE - TK #6 - 250CUM TANK 8.2M DIA X 4.75M H

DRWN: MARC LOSSER

CHKD: QA

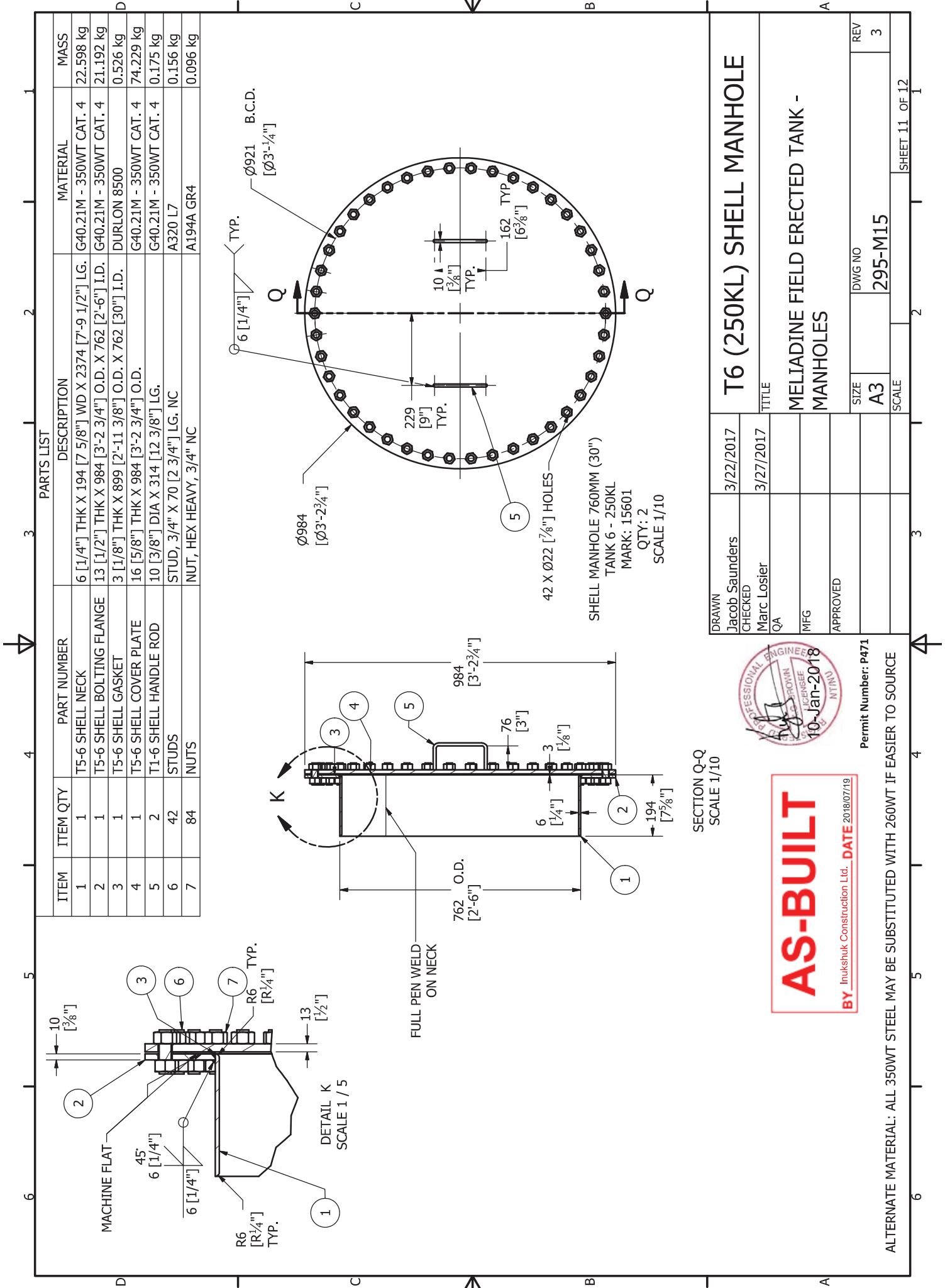
ENG: APPROVED

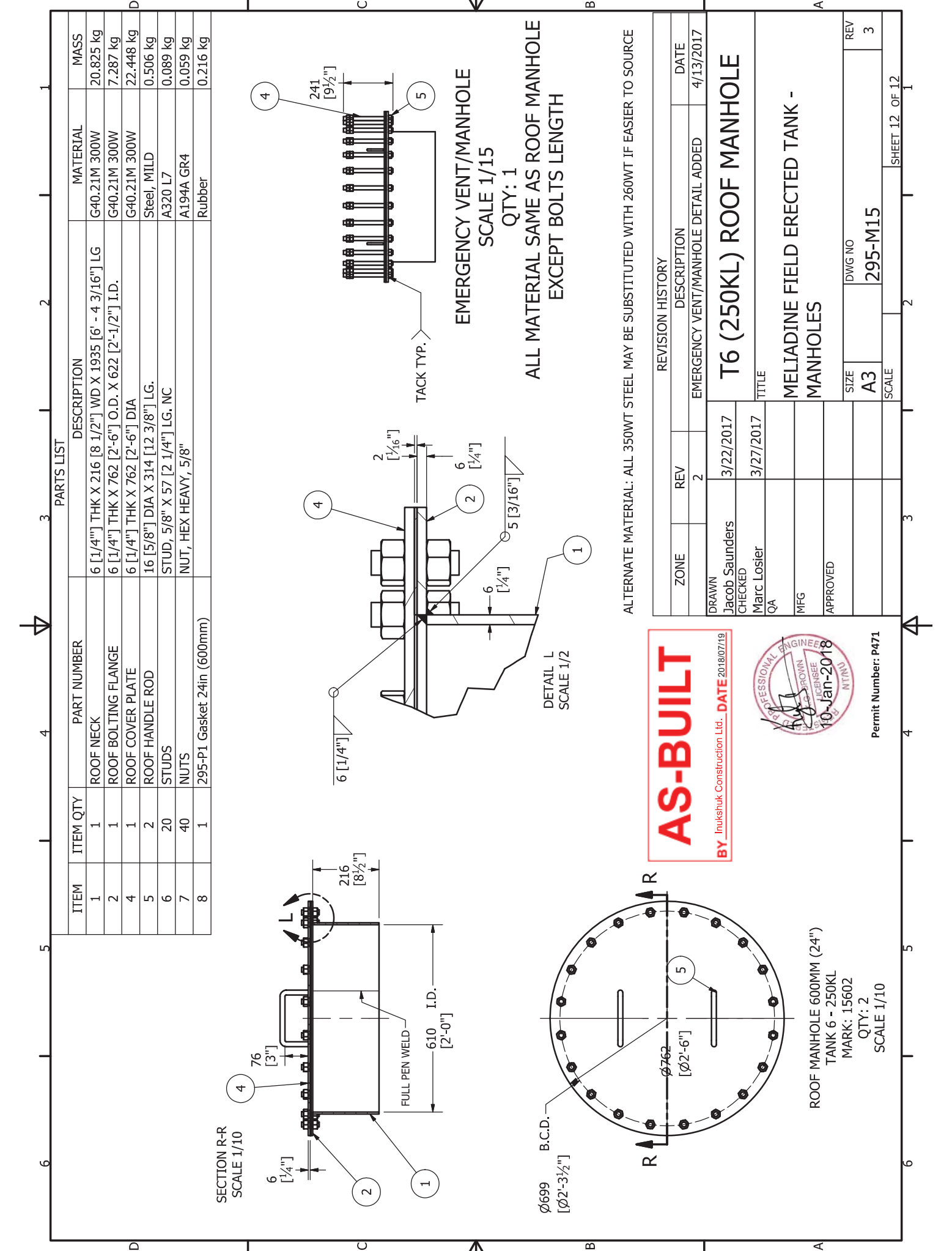
SIZE: A1

DWG NO: 295-M14

REV: 0

SHEET 6 OF 6

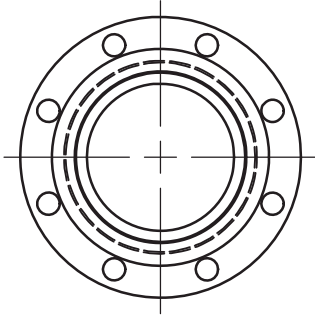
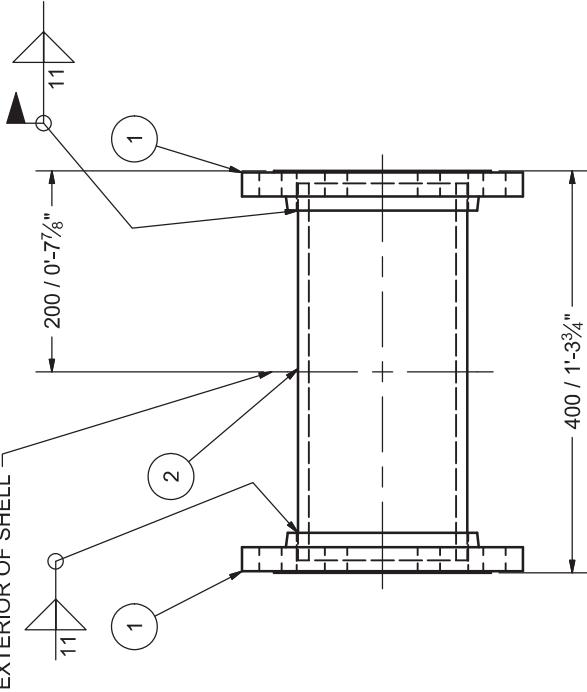




Parts List				1
ITEM	ITEM QTY	CUT (MM)	PART NUMBER	MATERIAL
1	2		ASME B16.5 Flange Slip-On Welding - Class 150 6	A350 LF2
2	1	375	Pipe 6 - Schedule 80 - 14.76378	A333 GR. 6

Ø150 NS DOUBLE FLANGE
SHELL LOADING/UNLOADING
MARK: M1602
QTY: 26
WEIGHT/SPOOL: 30.8KG

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: SANDBLAST TO SSP-6



AS-BUILT
BY Inukshuk Construction Ltd. DATE 2018/07/19
Permit Number: P471

DRAWN Jacob Saunders	4/13/2017	AEM Meliadine Fuel Storage Tanks	
CHECKED		TITLE	
QA		M1602 - 150NS DOUBLE FLG. SHELL	
MFG			
APPROVED			
		SIZE A3	DWG NO 295-M16
		SCALE	REV 3
			SHEET 2 OF 22

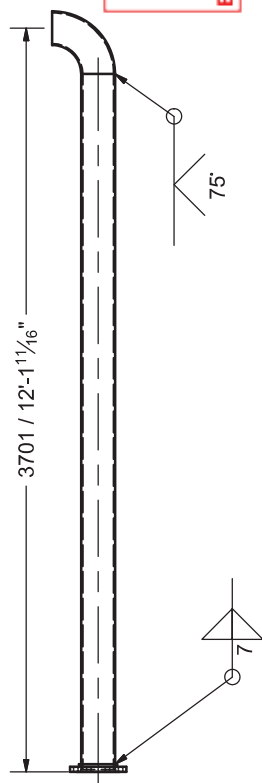
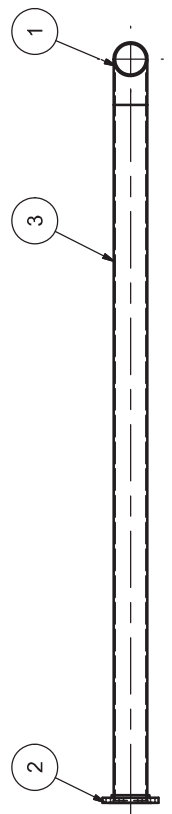
Parts List				1	2	3	4	5	6
ITEM	ITEM QTY	CUT (MM)	PART NUMBER	MATERIAL					
1	1		ASME B16.9 Long Radius 90 Deg Elbow (Inch) 6 x 0.28 SCH40	A420 WPL6					
2	1		ASME B16.5 Flange Slip-On Welding - Class 150 6	A350 LF2					
3	1	3460	Pipe 6 - Schedule 40 - 136.22	A333 GR. 6					

Ø150 NS FIXED PIPE LOADING
TANKS 5 & 6 (250KL)
MARK: M1607
QTY: 2

WEIGHT/SPOOL: 508.5KG

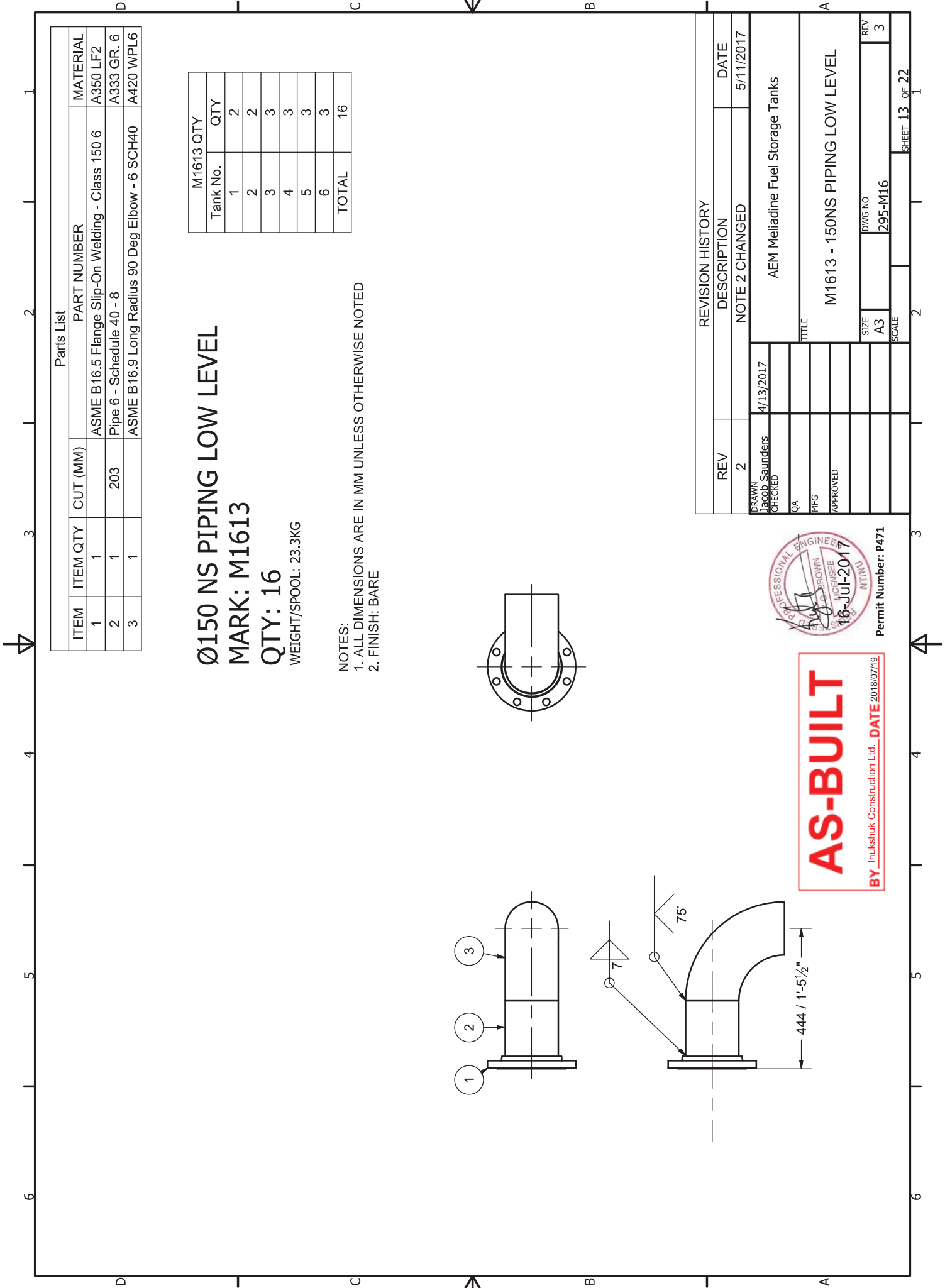
- NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: BARE

M1607 QTY	
Tank No.	QTY
1	0
2	0
3	0
4	0
5	1
6	1
TOTAL	2



AS-BUILT
BY Inukshuk Construction Ltd. DATE 2018/07/19
Permit Number: P471

REVISION HISTORY				
REV		DESCRIPTION		DATE
2		NOTE 2 CHANGED, PIPE BROKEN IN SECTIONS		5/11/2017
DRAWN		4/13/2017	AEM Meliadine Fuel Storage Tanks	
Jacob Saunders				
CHECKED				
QA				
MFG				
APPROVED			M1607 - 150NS FIXED PIPE LOADING	
SIZE		DWG NO		REV
A3		295-M16		3
SCALE				



Parts List			
ITEM	ITEM QTY	CUT (MM)	PART NUMBER
1	1		ASME B16.5 Flange Slip-On Welding - Class 150 6
2	1	203	Pipe 6 - Schedule 40 - 8
3	1		ASME B16.9 Long Radius 90 Deg Elbow - 6 SCH40

Ø150 NS PIPING LOW LEVEL
MARK: M1613
QTY: 16
WEIGHT/SPOOL: 23.3KG

M1613 QTY	
Tank No.	QTY
1	2
2	2
3	3
4	3
5	3
6	3
TOTAL	16

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. FINISH: BARE

REVISION HISTORY			
REV	DESCRIPTION	DATE	
2	NOTE 2 CHANGED	5/11/2017	
DRAWN Jacob Saunders	4/13/2017	AEM Meliadine Fuel Storage Tanks	
CHECKED			
QA			
MFG			
APPROVED			
TITLE			
M1613 - 150NS PIPING LOW LEVEL			
SIZE A3	DWG NO 295-M16	REV 3	SHEET 13 OF 22
SCALE			



Permit Number: P471



Ø75 NS WATER DRAW OFF

MARK: M1614

QTY: 32

WEIGHT/SPOOL: 16.6KG

328 / 1'-15/16"

1

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