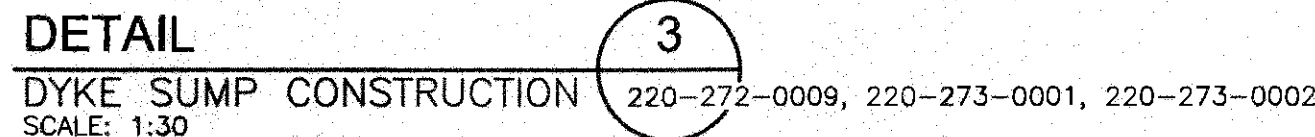
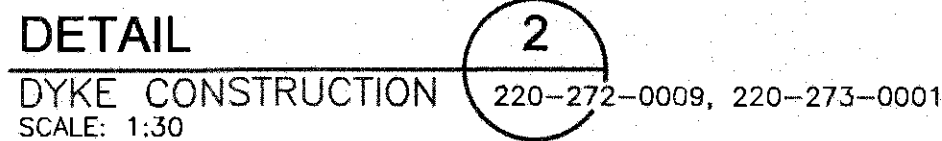
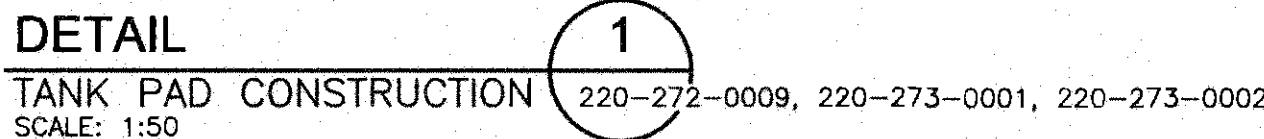


1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



PERMIT TO PRACTICE
HATCH LTD.
Signature [Signature]
Date 8/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers
Geologists and Geophysicists of NWT/N

[illegible]

Baffinland

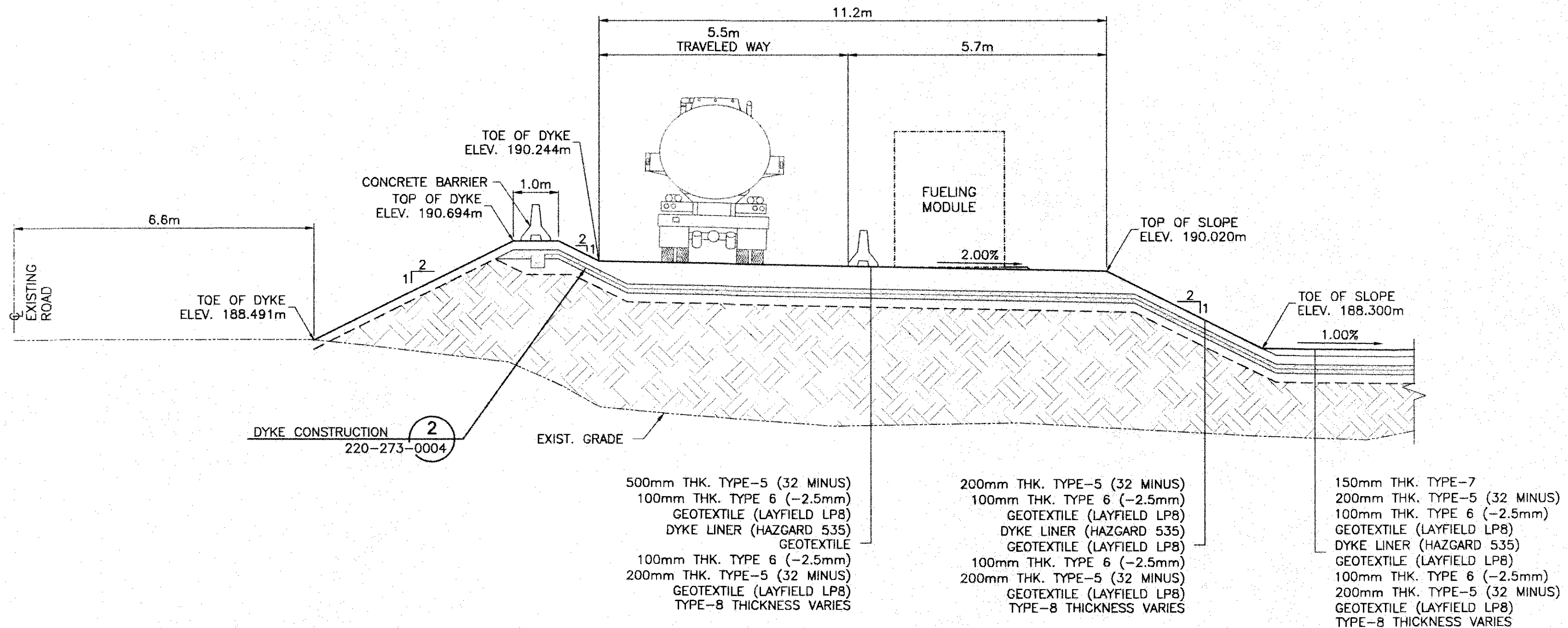
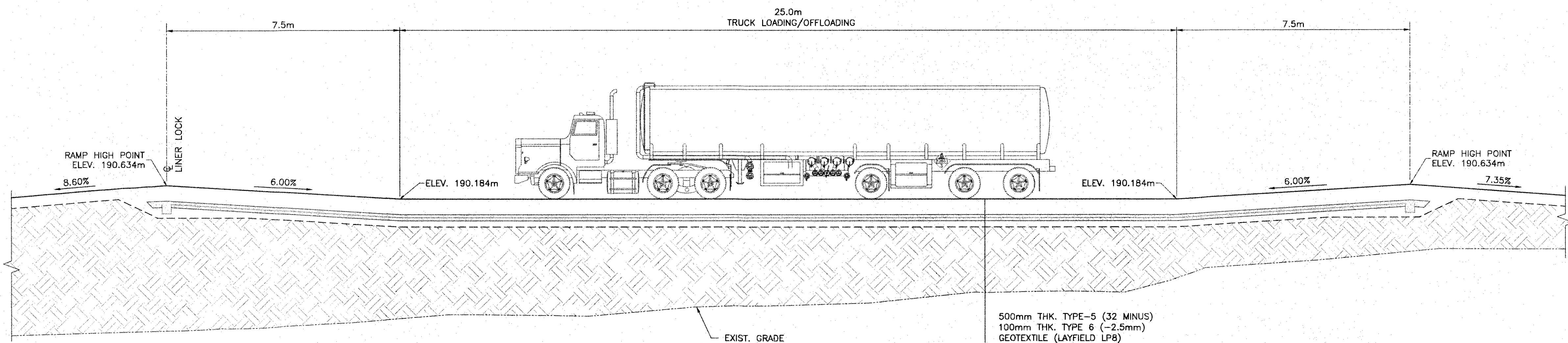
MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM
DYKE SECTIONS & DETAILS

0	ISSUED FOR CONSTRUCTION
A	ISSUED FOR REVIEW

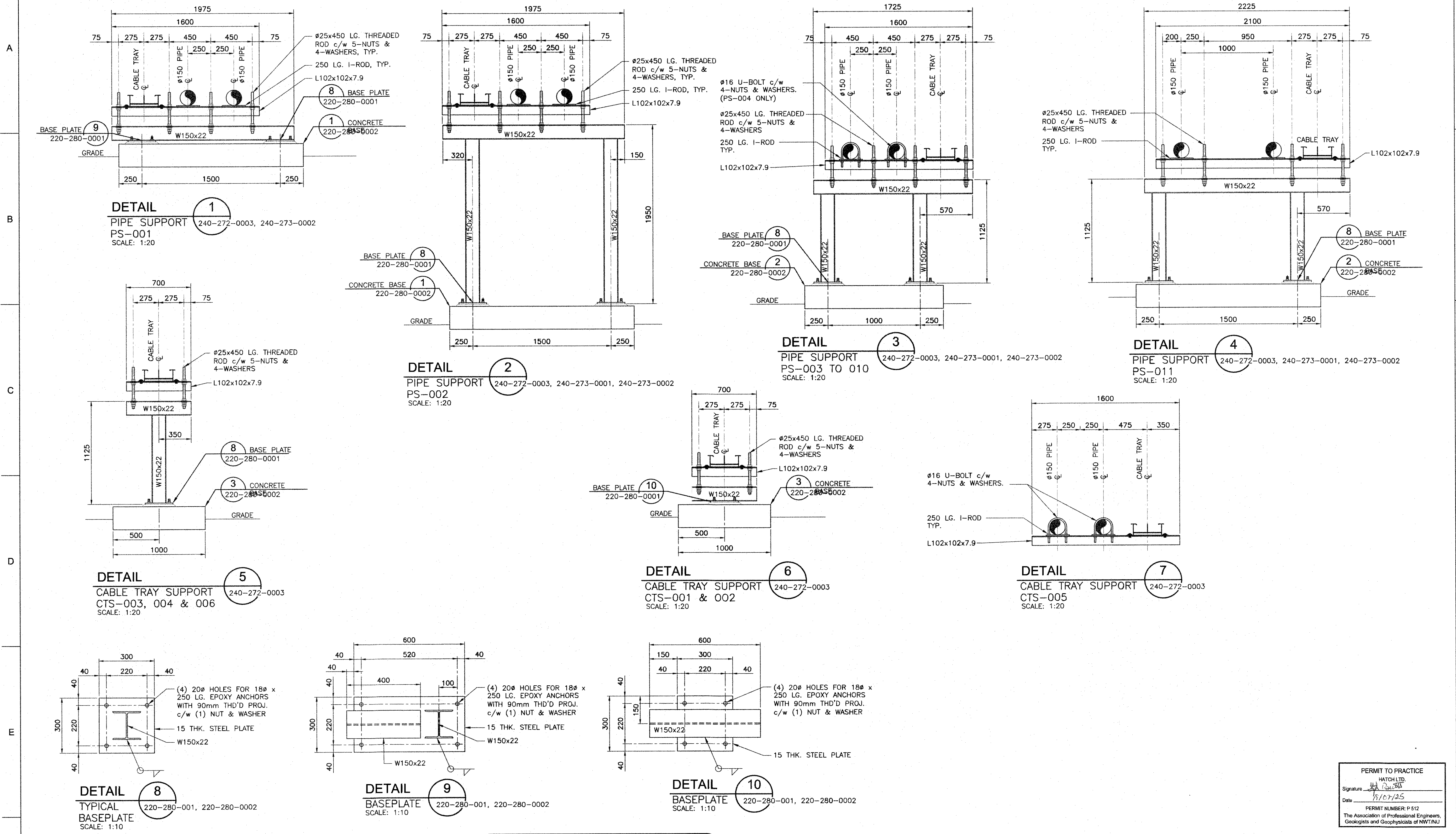
ROLE	NAME	SIGNATURE	DATE
DRAWING APPROVAL STATUS:		Approved for Construction	

SCALE 1:50 OR AS NOTED	DWG. No. H353004-10000-220-273-0004-0001
------------------------------	--



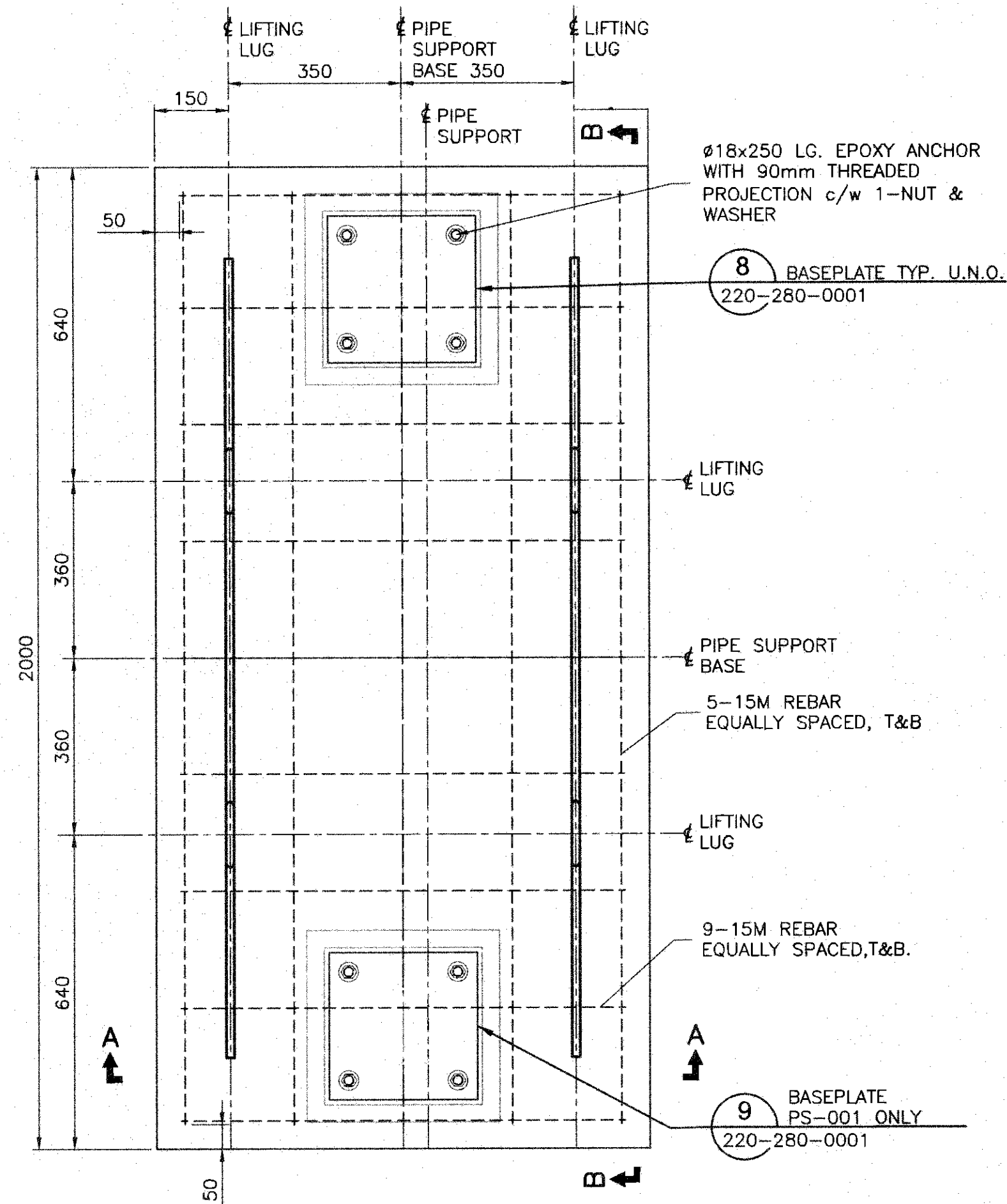
PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 18/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

			ISSUED FOR CONSTRUCTION		THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP (CLIENT) AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT, INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S PROPRIETARY, IRREVOCABLE, PERPETUAL AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.									
													DRAFTSPERSON S. SKINNER NR 18-07-06	
													DESIGNER K. MacLEAN NR 18-07-06	
													CHECKER M. MacINTYRE 18/07/25	
													DESIGN COORD. M. MacINTYRE 18/07/25	
													RESP. ENG. F. BUTTS 18/07/25	
													LEAD DISC. ENG. K. MacLEAN 18/07/25	
													ENG. MANAGER D. STANGER 18/07/25	
													PROJ. MANAGER T. ATIBA 18/07/25	
													CLIENT	
										ROLE NAME SIGNATURE DATE				
										DRAWING APPROVAL STATUS: Approved for Construction				
										SCALE 1:50 OR AS NOTED				
										DWG. No. H353004-10000-220-273-0006-0001				
										REV 0				
										SHEET SIZE: A				

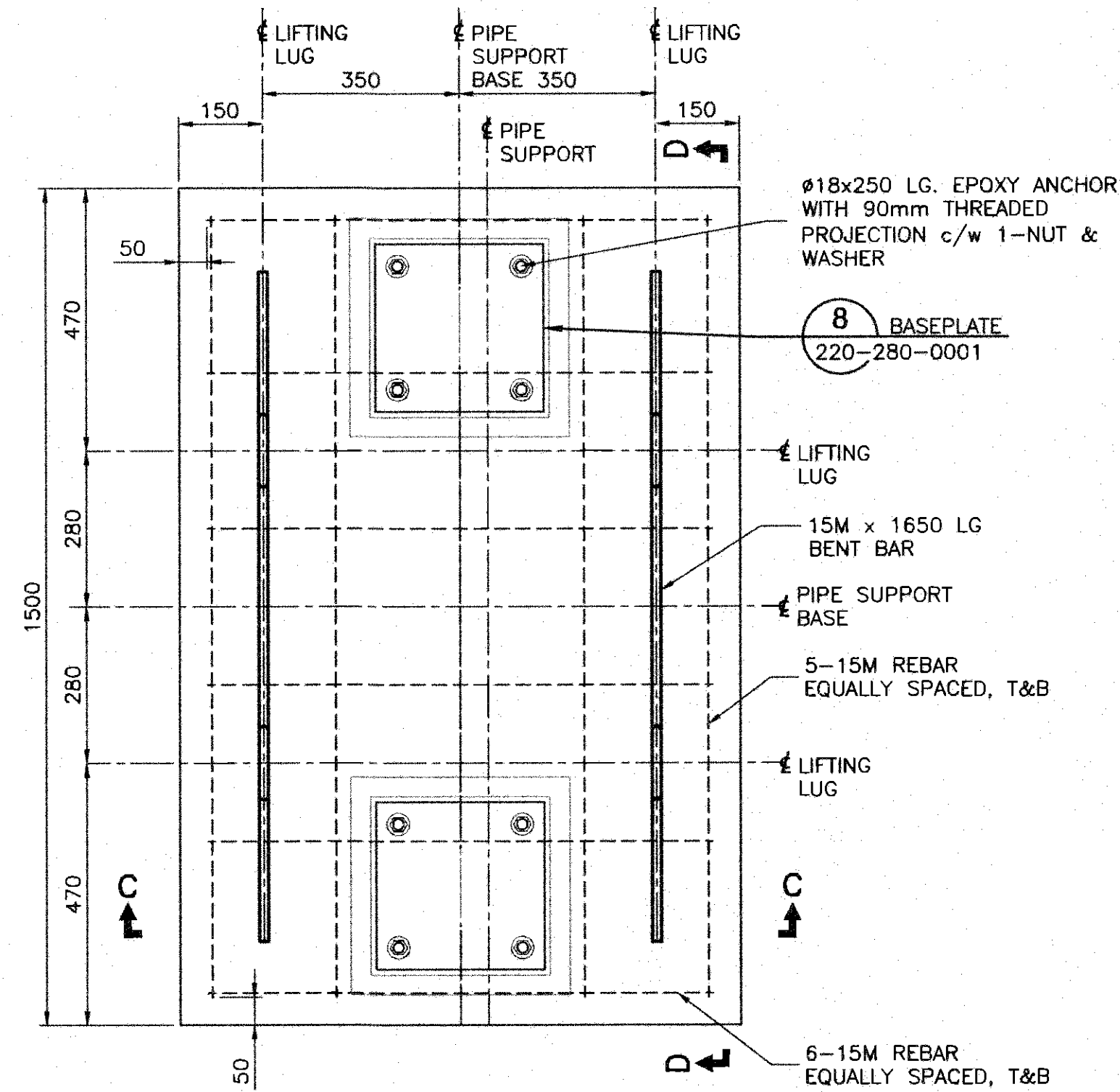
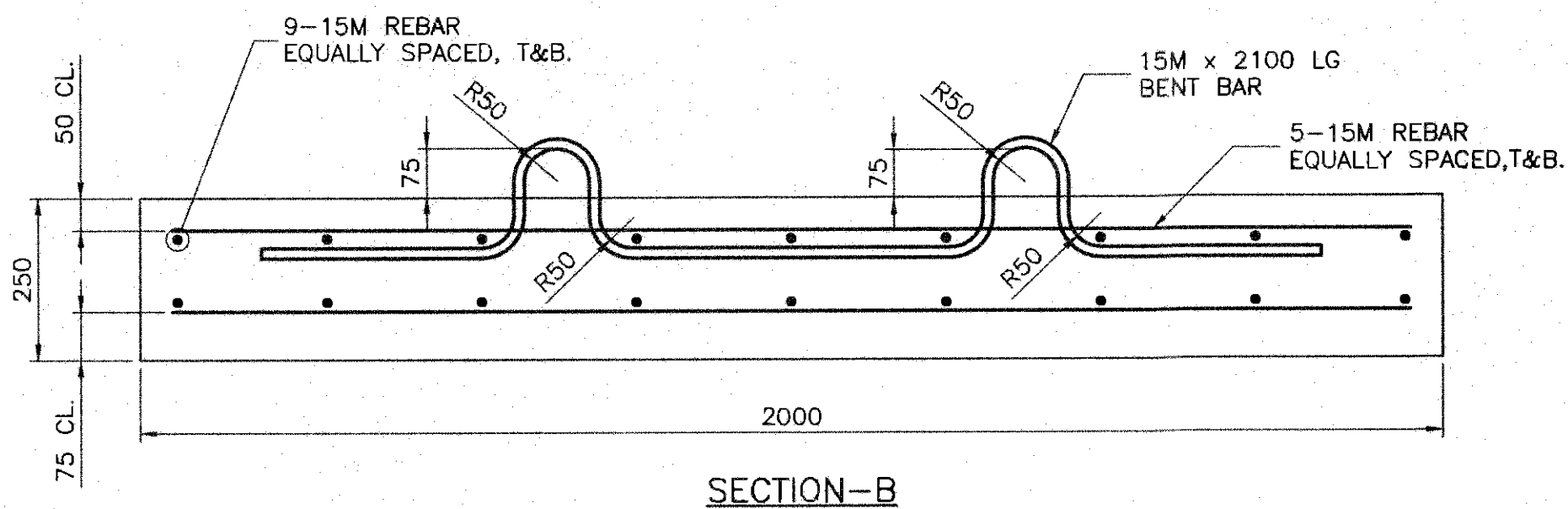
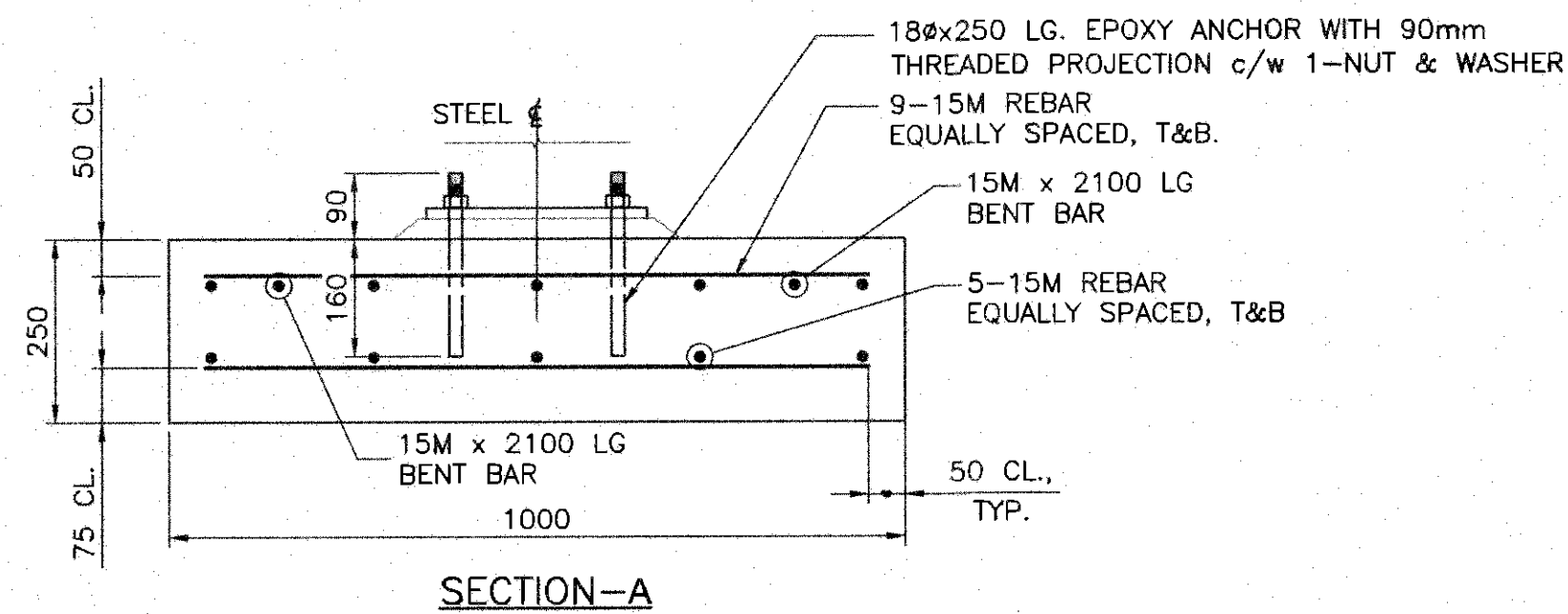


ISSUED FOR CONSTRUCTION				HATCH				Baffinland			
MARY RIVER EXPANSION PROJECT BAFFINLAND IRON MINES LP				MINE SITE TANK FARM PIPE SUPPORTS				SCALE AS SHOWN OR AS NOTED			
DRAFTSPERSON H. P. CURRIE NR 18-07-04				DESIGNER K. MacLEAN NR 18-07-04				CHECKER M. MacINTYRE 18/07/25			
DESIGN COORD. M. MacINTYRE 18/07/25				RESP. ENG. F. BUTTS 18/07/25				LEAD DISC. ENG. K. MacLEAN 18/07/25			
ENG. MANAGER D. STANGER 18/07/25				PROJ. MANAGER				CLIENT T. ATIBA 18/07/25			
No.				DESCRIPTION				DRAWING APPROVAL STATUS: Approved for Construction			
0 ISSUED FOR CONSTRUCTION				A ISSUED FOR PARALLEL REVIEW				DWG. No. H353004-10000-220-280-0001-0001			
BY				CHK'D				REV 0			
DATE				DATE				SHEET SIZE: A1			

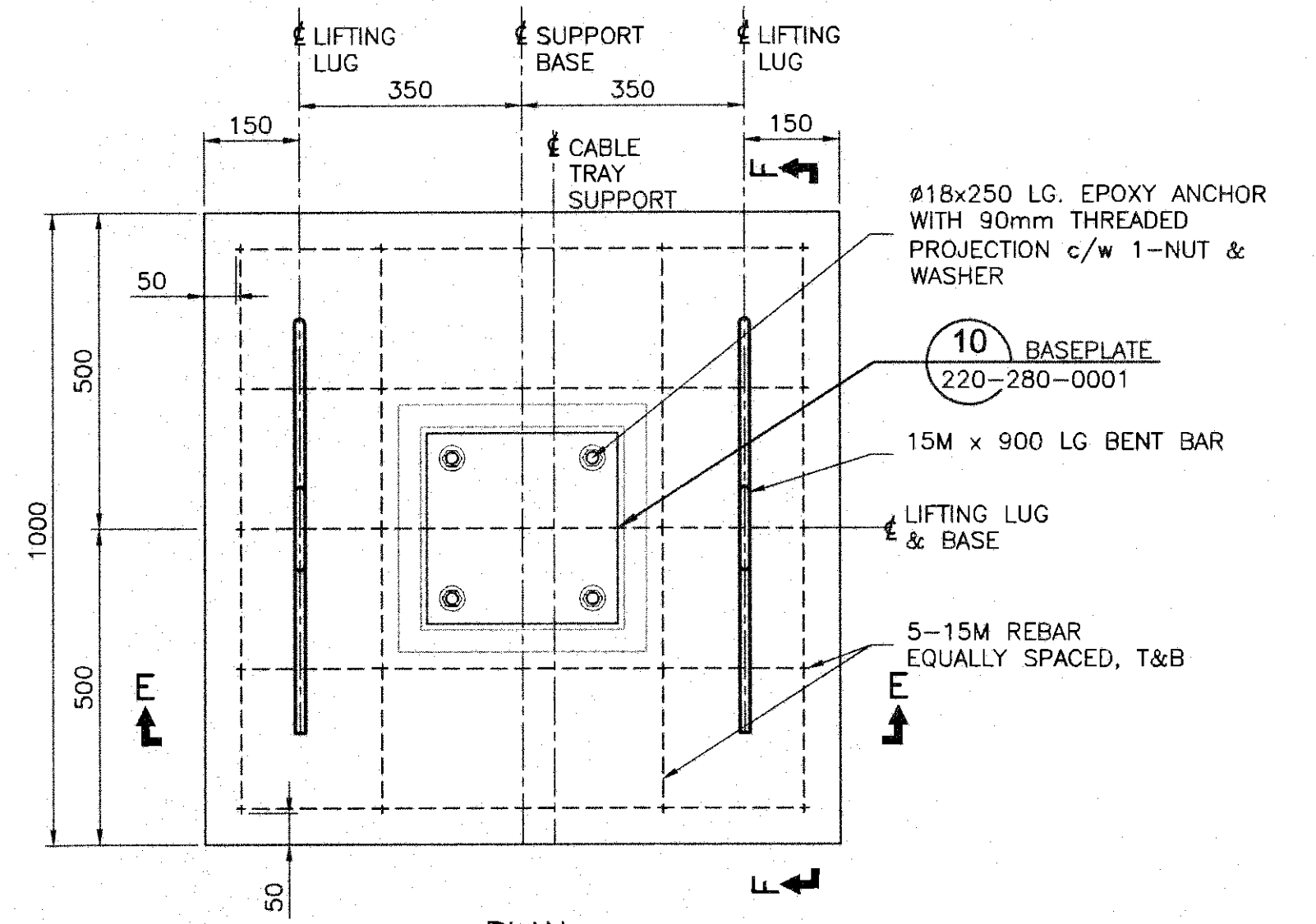
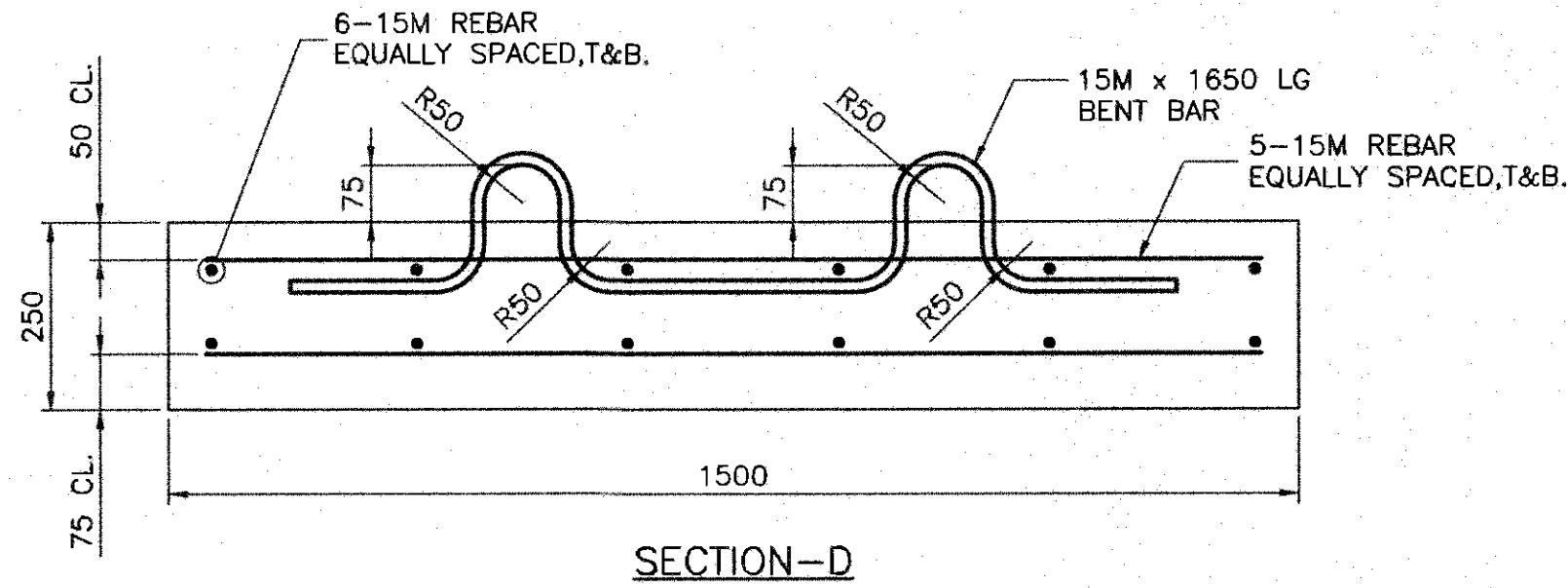
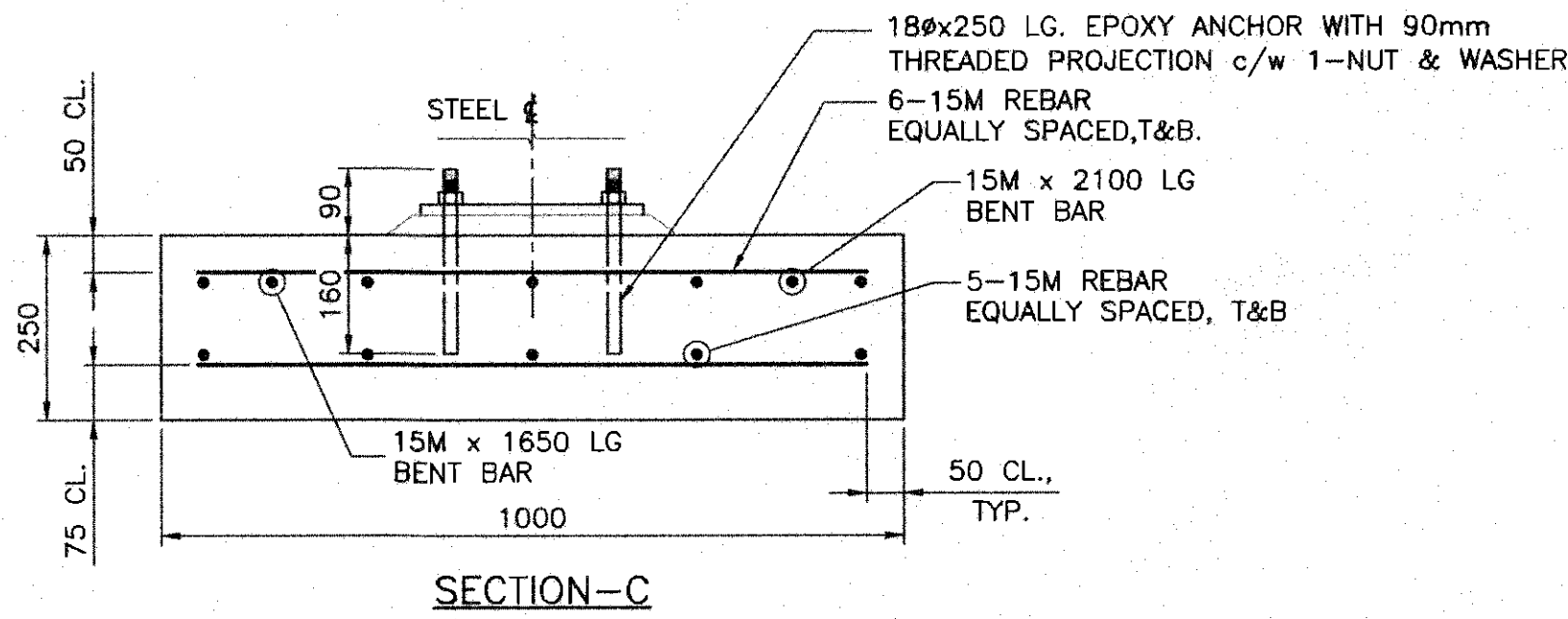
H353004-10000-240-273-0002-0001	TANK FARM PIPING SECTION-B & MISCELLANEOUS DETAILS
H353004-10000-240-273-0001-0001	TANK FARM PIPING SECTION-A
H353004-10000-240-272-0003-0001	TANK FARM ENLARGED PIPING PLANS
H353004-10000-220-280-0002-0001	PIPE SUPPORTS CONCRETE BASE DETAILS
DRAWING No.	DRAWING TITLE
1	REFERENCE DRAWINGS
2	
3	REG. PROFESSIONAL
4	
5	
6	
7	
8	



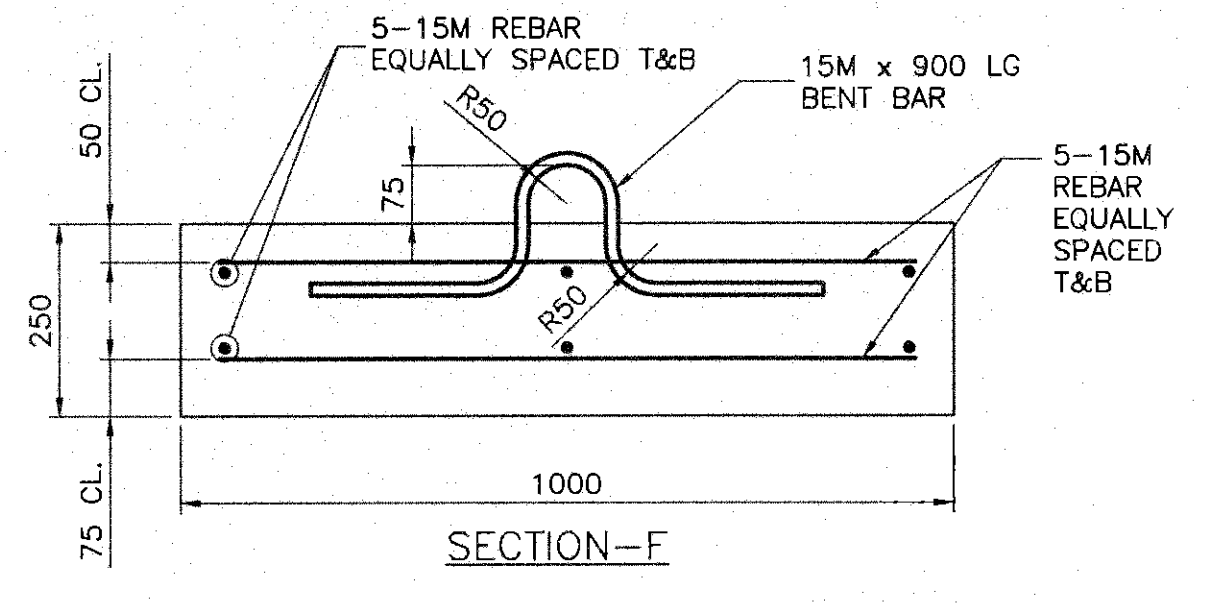
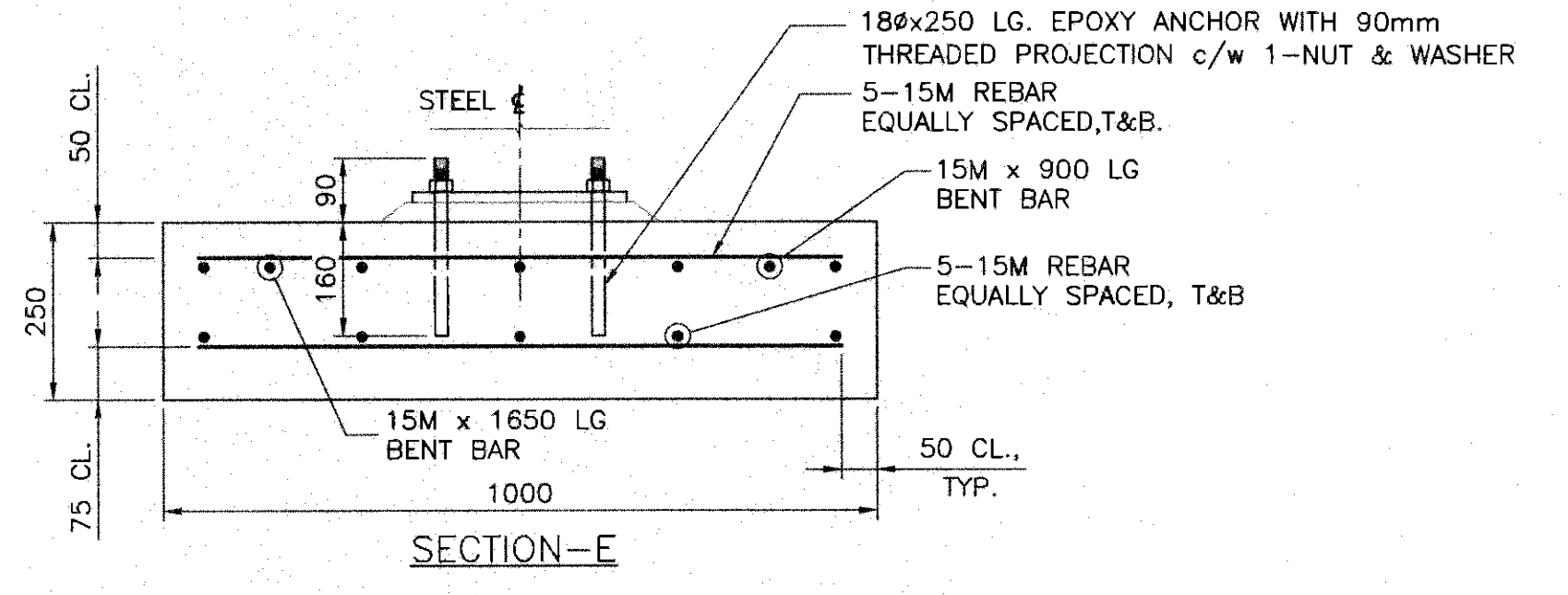
DETAIL
PIPE SUPPORTS
PS-001, 002, & 011
SCALE: 1:10



DETAIL
PIPE SUPPORTS
PS-003 TO 010
SCALE: 1:10



DETAIL
CABLE TRAY SUPPORTS
CTS-001 TO CTS-002
SCALE: 1:10



PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 11/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

ISSUED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP ("CLIENT") AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S ROYALTY-FREE, IRREVOCABLE, PERPETUAL, AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

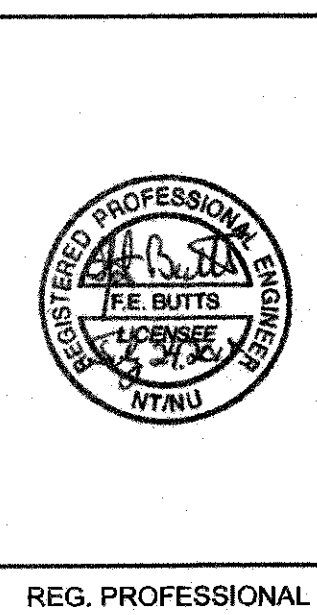
HATCH

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
PIPE SUPPORTS
CONCRETE BASE DETAILS

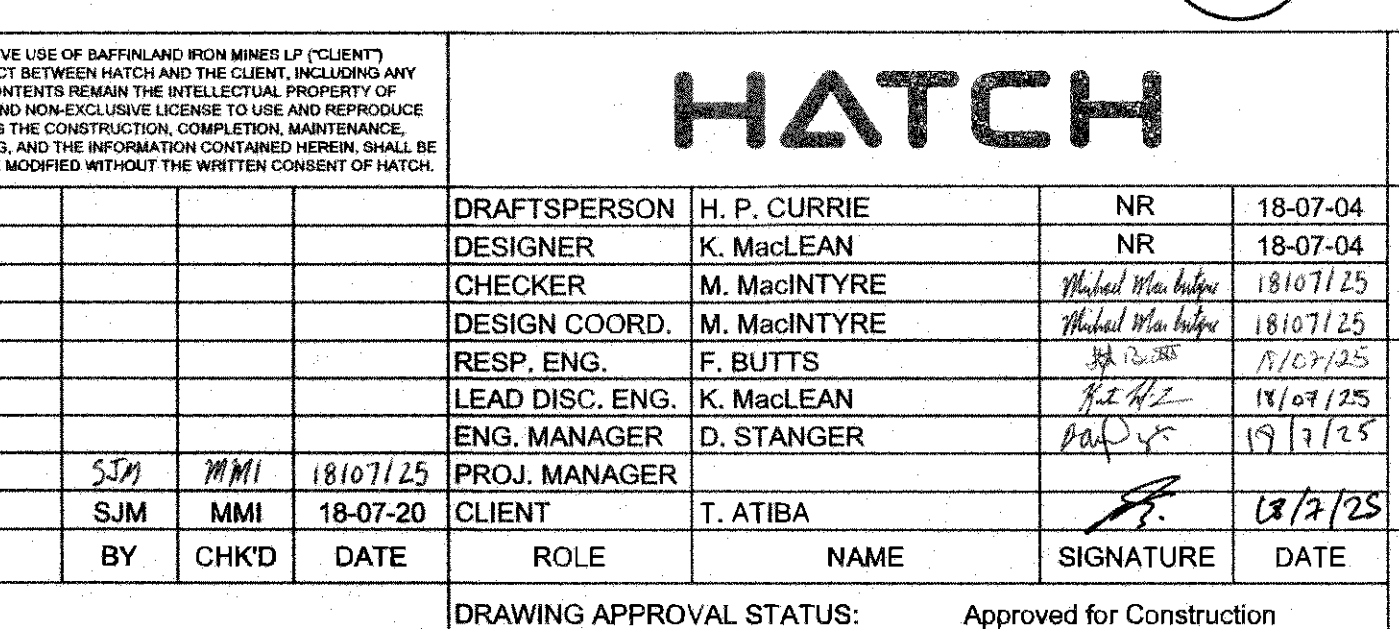
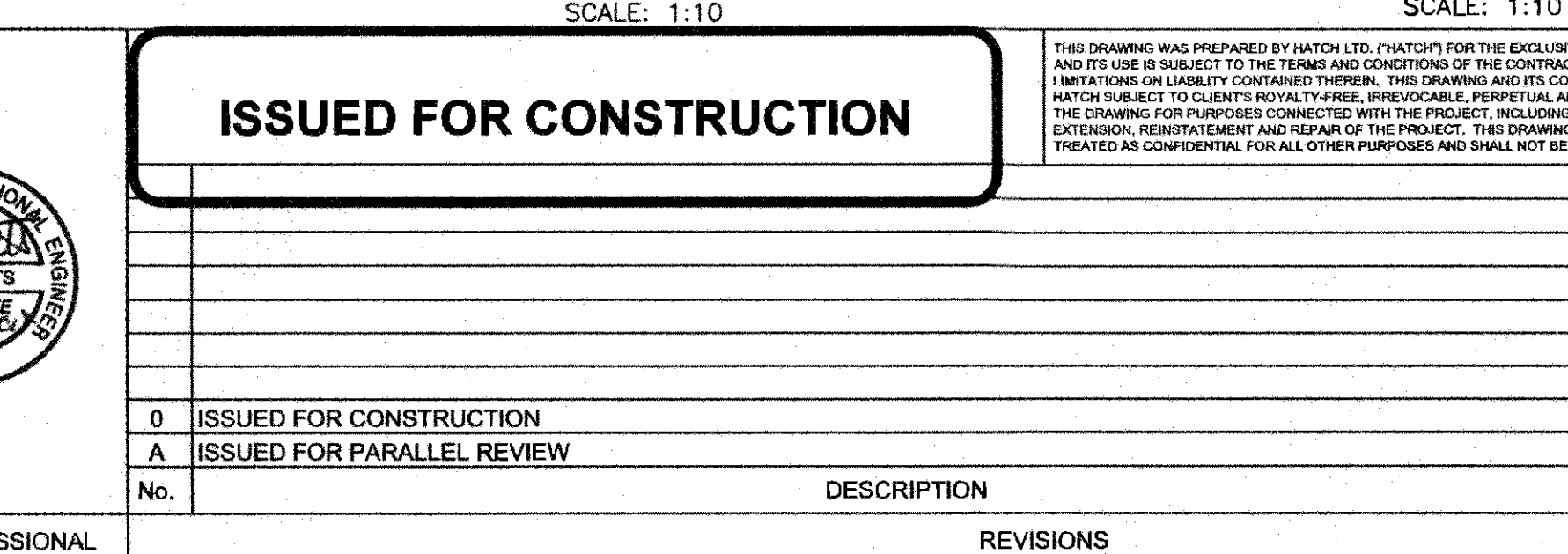
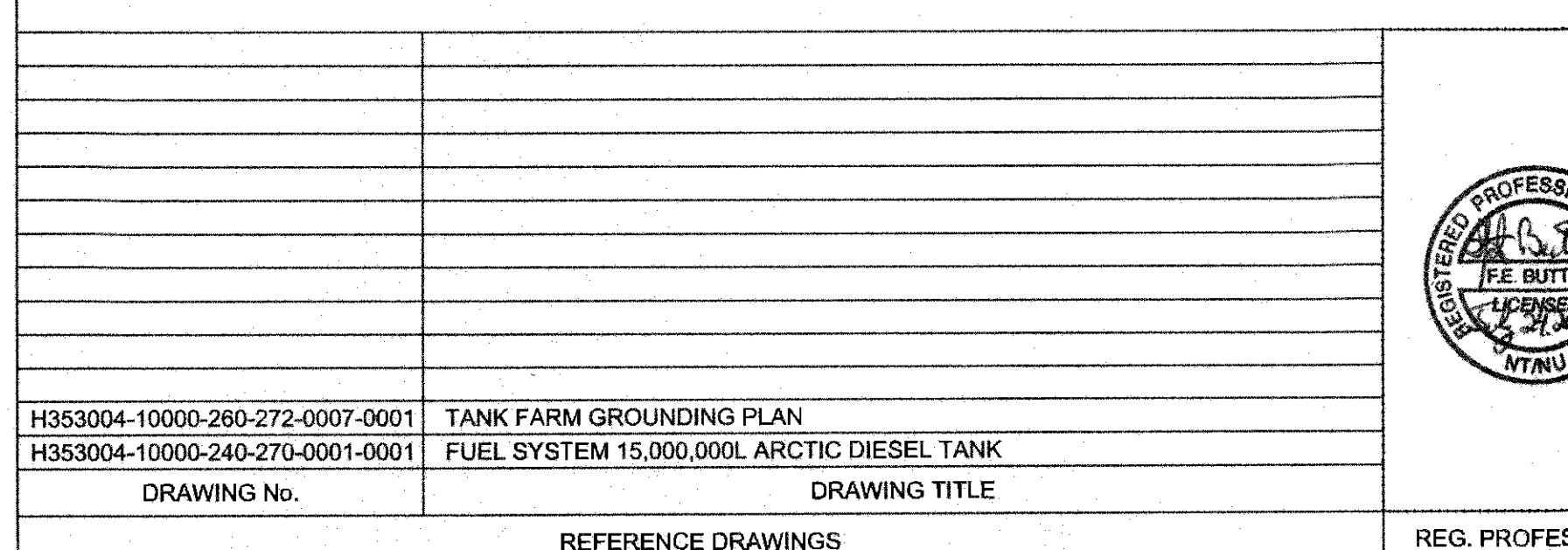
H353004-10000-220-280-0001-0001	TANK FARM PIPE SUPPORTS
DRAWING No.	DRAWING TITLE
1	2
REFERENCE DRAWINGS	REG. PROFESSIONAL



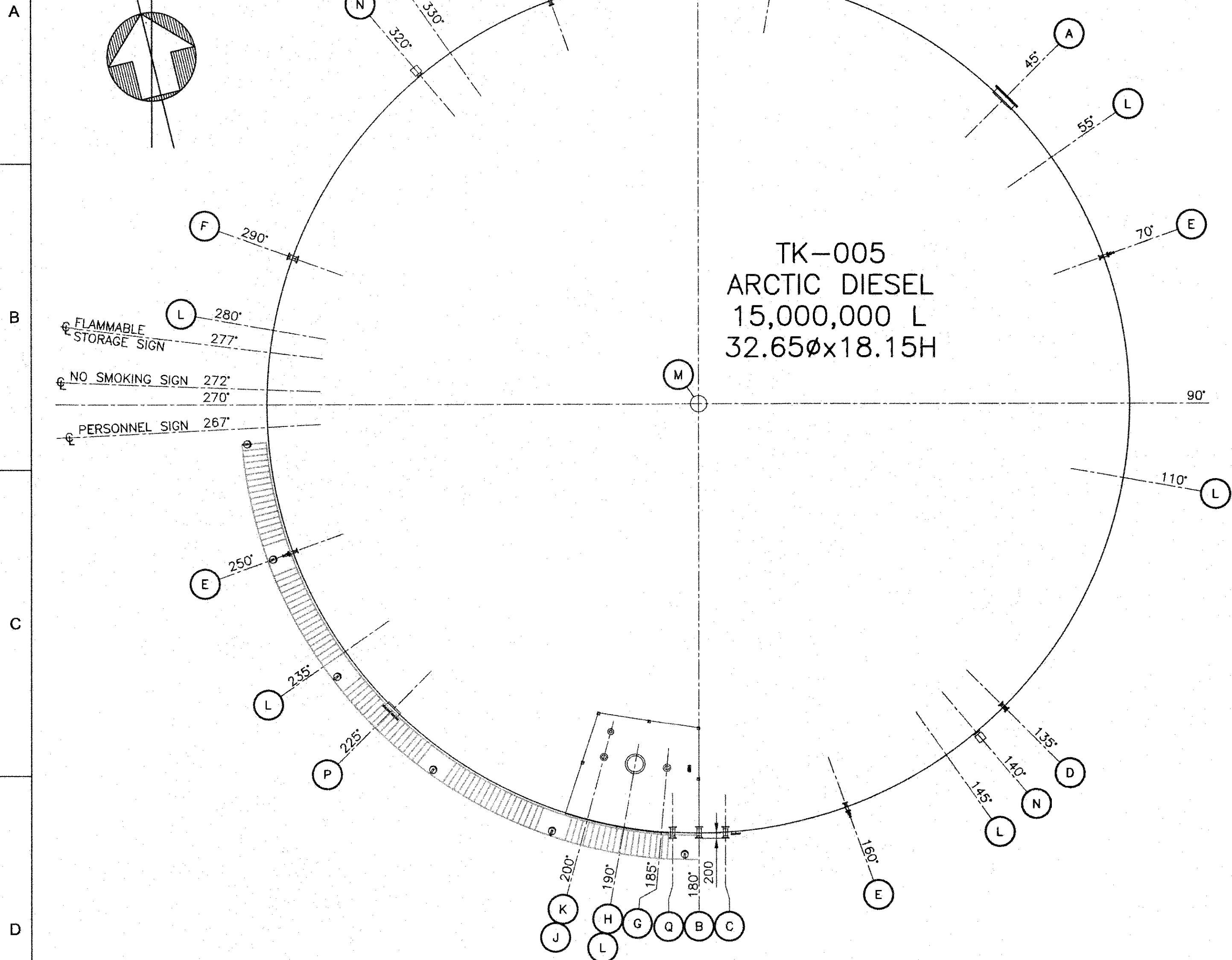
0	ISSUED FOR CONSTRUCTION	SJM	KW	11/07/25	PROJ. MANAGER
A	ISSUED FOR PARALLEL REVIEW	SJM	KW	18-07-20	CLIENT
No.	DESCRIPTION	BY	CHK'D	DATE	ROLE
1	ISSUED FOR CONSTRUCTION	SJM	KW	11/07/25	PROJ. MANAGER
2	ISSUED FOR PARALLEL REVIEW	SJM	KW	18-07-20	CLIENT

DRAFTSPERSON	H. P. CURRIE	NR	18-07-04
DESIGNER	K. MacLEAN	NR	18-07-04
CHECKER	M. MacINTYRE	18/07/25	
DESIGN COORD.	M. MacINTYRE	18/07/25	
RESP. ENG.	F. BUTTS	11/07/25	
LEAD DISC. ENG.	K. MacLEAN	11/07/25	
ENG. MANAGER	D. STANGER	11/07/25	
PROJ. MANAGER	T. ATIBA	11/07/25	
CLIENT	T. ATIBA	11/07/25	
DRAWING APPROVAL STATUS:	Approved for Construction		

SCALE AS SHOWN OR AS NOTED	DWG. No. H353004-10000-220-280-0002-0001	REV 0
----------------------------	--	-------

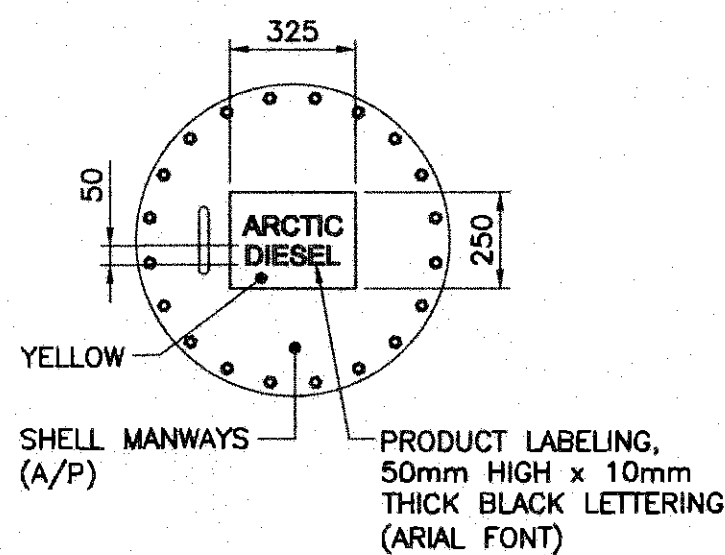


- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. FOR TANK APPURTENANCES SEE DRAWING H353004-10000-240-270-0001-0001.

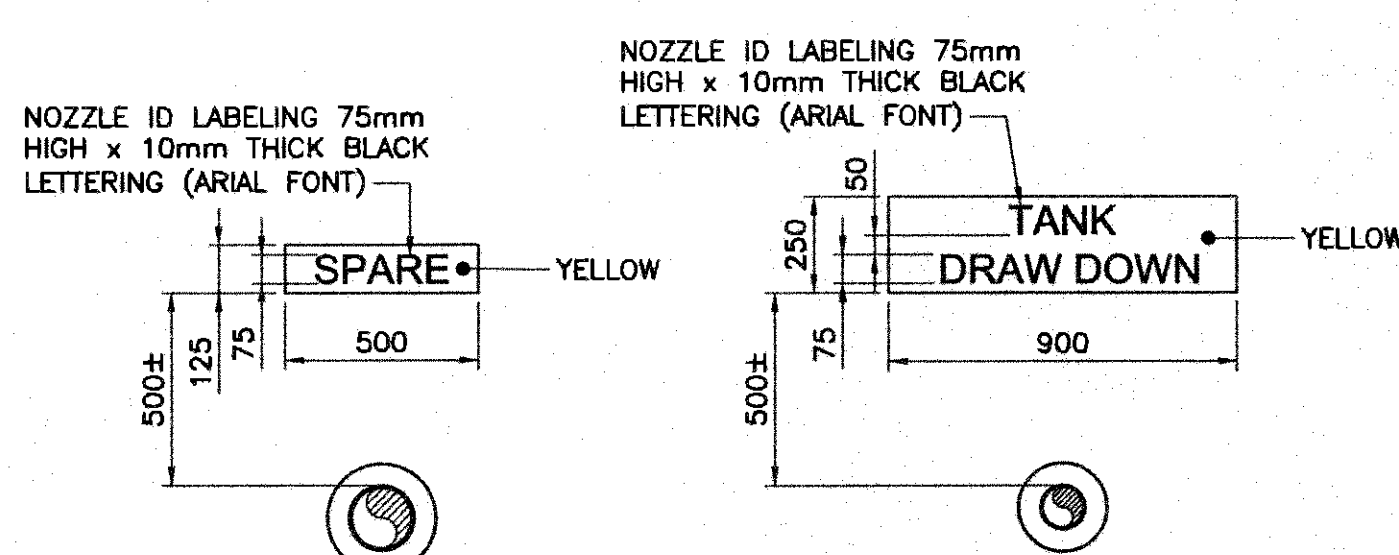


PLAN
TANK ORIENTATION
SCALE: 1:125

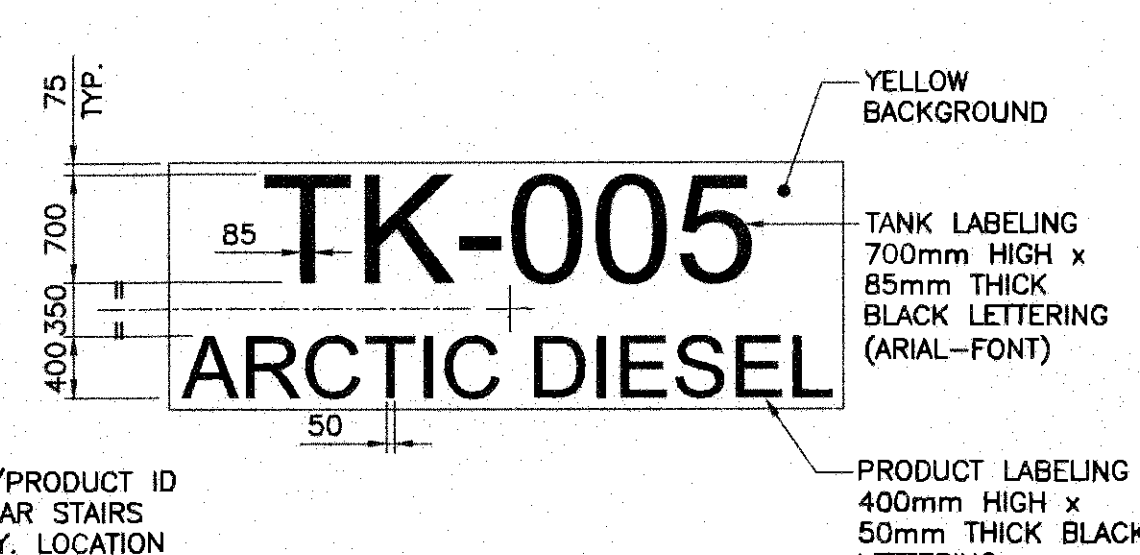
TANK NOZZLE IDENTIFICATION CHART				
IDENTIFICATION LABEL	NOZZLE LOCATION	TEXT SIZE (MM)	TEXT COLOR	APPURTENANCE ITEM
MANWAY	SHELL	75x10	YELLOW	A/P
TANK SUCTION	SHELL	75x10	YELLOW	B
TANK FILL	SHELL	75x10	YELLOW	C
SPARE	SHELL	75x10	YELLOW	D
WATER DRAIN	SHELL	75x10	YELLOW	E
SPARE	SHELL	75x10	YELLOW	F
GAUGE HATCH	ROOF	75x10	YELLOW	G
MANWAY	ROOF	75x10	YELLOW	H
RADAR GAUGE	ROOF	75x10	YELLOW	J
OVERFILL PROBE	ROOF	75x10	YELLOW	K
ROOF VENT	ROOF	75x10	YELLOW	M
FOAM CONNECTION	SHELL	75x10	YELLOW	N
TANK DRAW DOWN	SHELL	75x10	YELLOW	Q



DETAIL
PRODUCT ID LABEL
SCALE: 1:20



DETAIL
TYP. NOZZLE ID
SCALE: 1:20



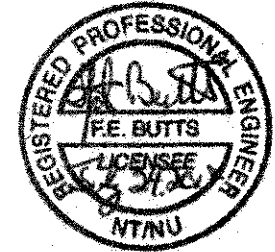
NOTE:
ADJUST TANK/PRODUCT ID LABEL TO CLEAR STAIRS AS NECESSARY. LOCATION TO BE VERIFIED BY OWNER.

DETAIL
TANK/PRODUCT ID
SCALE: 1:50

- 3 CONFINED SPACE ENTRY SIGN
240-260-0004
2 PRODUCT ID LABEL

ELEVATION
TANK ORIENTATION
SCALE: 1:125

DRAWING No.	DRAWING TITLE
H353004-10000-240-272-0004-0001	MINE SITE TANK FARM SITE SIGNAGE
H353004-10000-240-270-0001-0001	MINE SITE FUEL SYSTEM 15,000,000L DIESEL STORAGE TANK
H353004-10000-240-260-0004-0001	MINE SITE TANK FARM OPERATING PROCEDURES SIGNAGE



REG. PROFESSIONAL

ISSUED FOR CONSTRUCTION

- 0 ISSUED FOR CONSTRUCTION
A ISSUED FOR PARALLEL REVIEW

No. DESCRIPTION

REVISIONS

THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP (CLIENT) AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT. INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S ROYALTY-FREE, IRREVOCABLE, PERPETUAL, AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN, SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

DRAFTSPERSON	S. J. McNEIL	NR	18-07-04
DESIGNER	K. MacLEAN	NR	18-07-04
CHECKER	M. MacINTYRE	18107125	18107125
DESIGN COORD.	M. MacINTYRE	18107125	18107125
RESP. ENG.	F. BUTTS	18107125	18107125
LEAD DISC. ENG.	F. BUTTS	18107125	18107125
ENG. MANAGER	D. STANGER	18107125	18107125
PROJ. MANAGER	T. ATIBA	18107125	18107125
CLIENT	T. ATIBA	18107125	18107125
ROLE	NAME	SIGNATURE	DATE

DRAWING APPROVAL STATUS: Approved for Construction

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM
TK-005 ARCTIC DIESEL TANK SIGNAGE

SCALE: AS NOTED OR AS NOTED
DWG. No. H353004-10000-240-260-0002-0001
REV 0

SHEET SIZE: A1

A

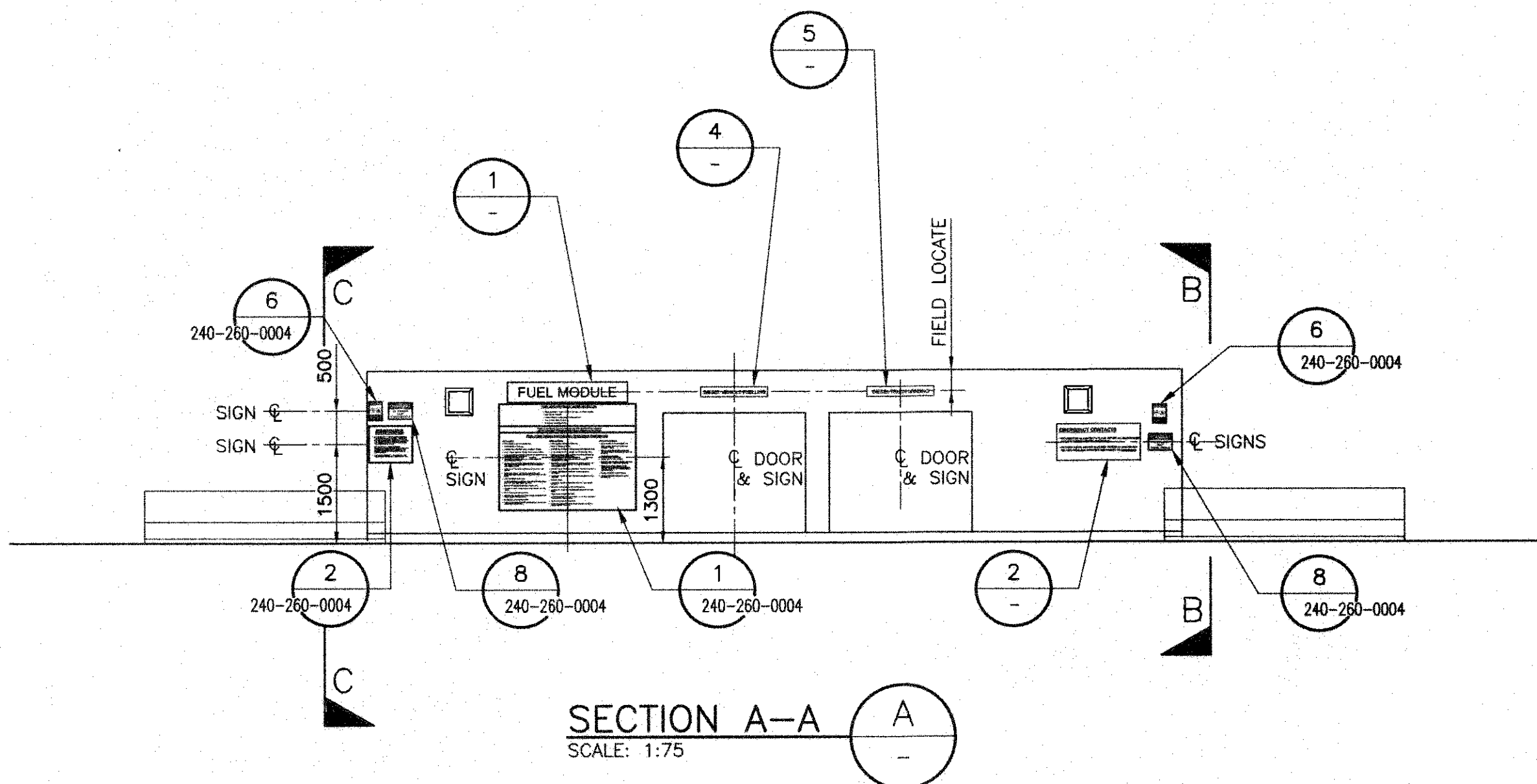
B

C

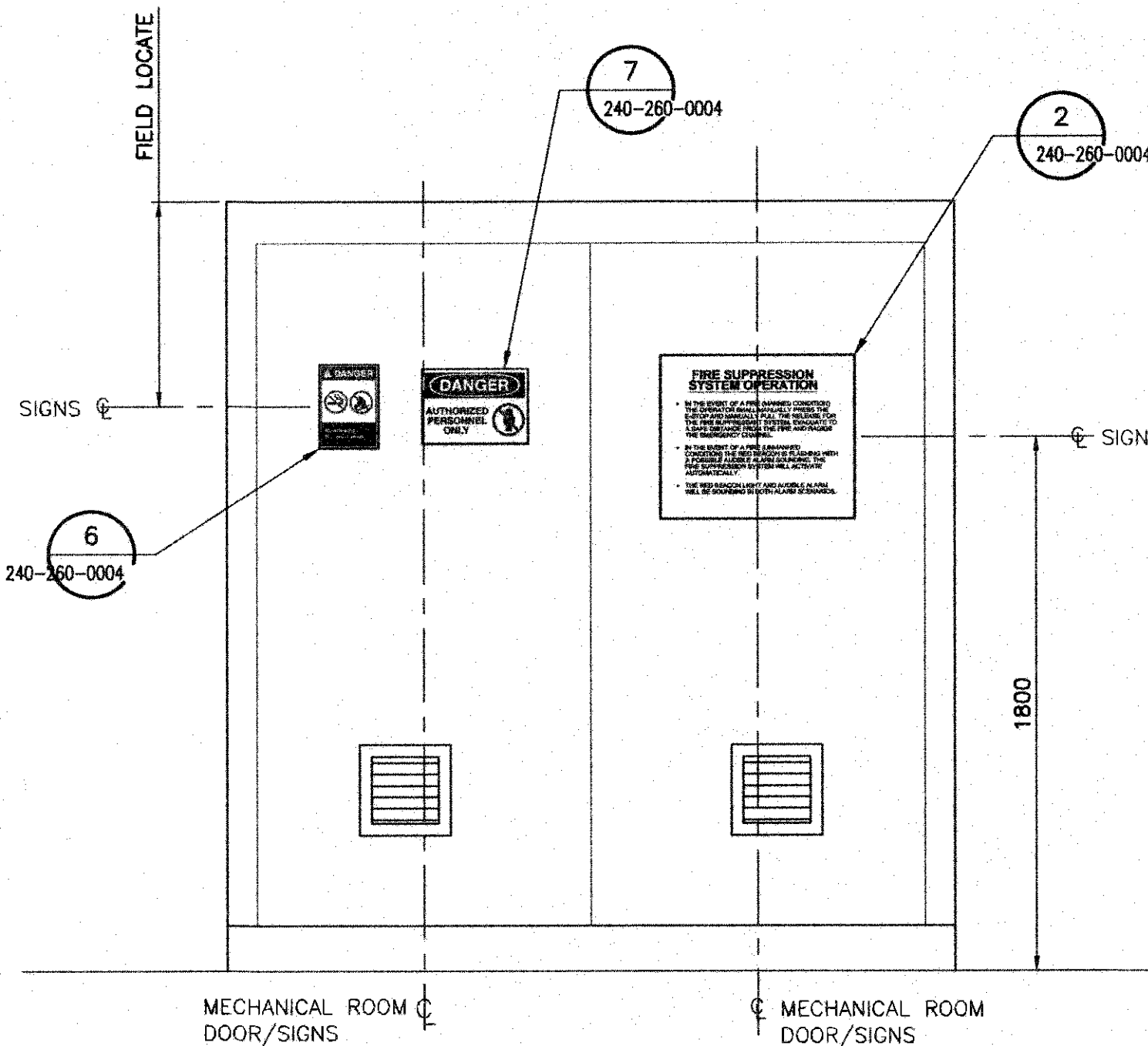
D

E

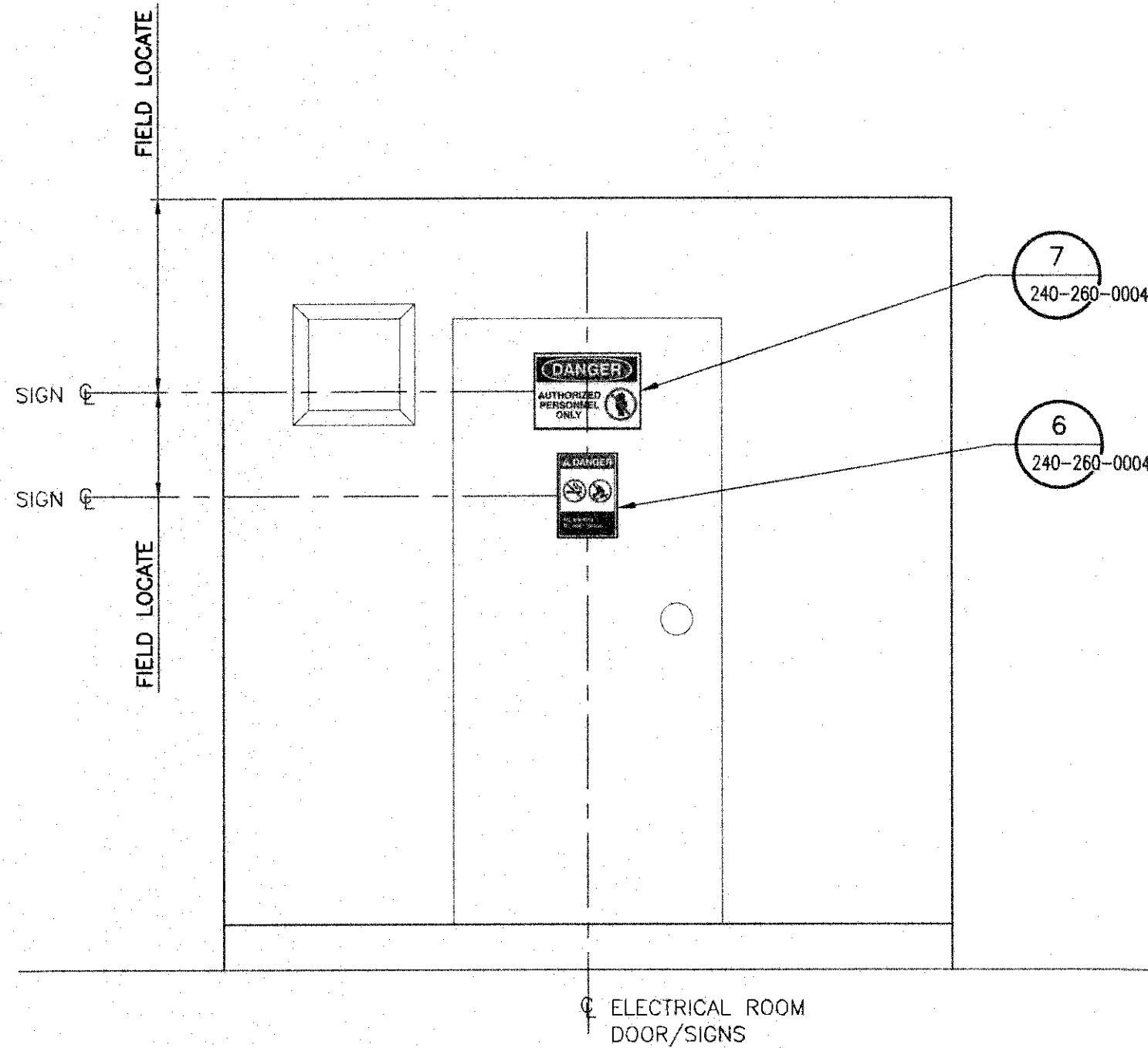
F



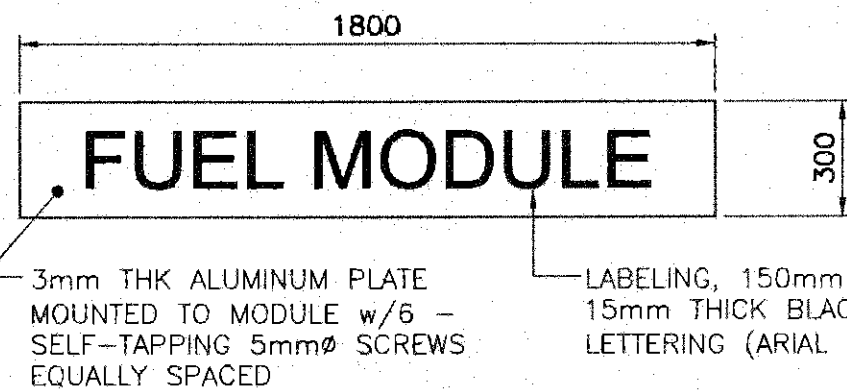
SECTION A-A
SCALE: 1:75



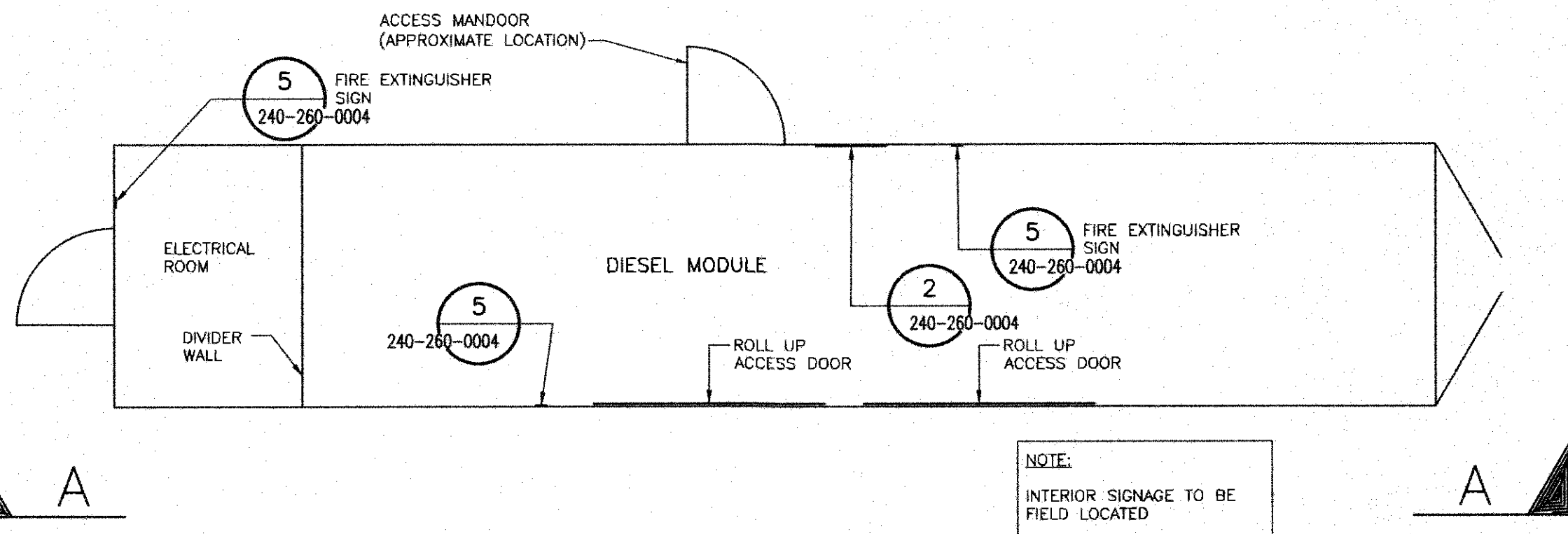
SECTION B-B
DOOR SIGNAGE
SCALE: 1:20



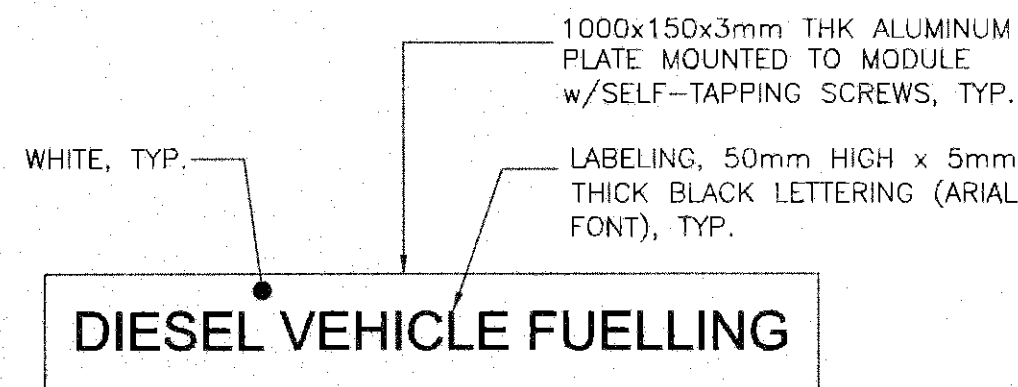
SECTION C-C
DOOR SIGNAGE
SCALE: 1:20



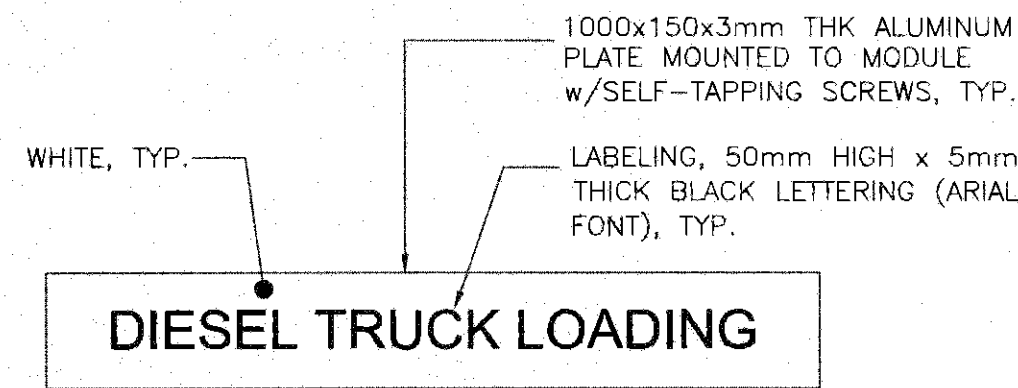
DETAIL
FUEL MODULE SIGN
SCALE: 1:20



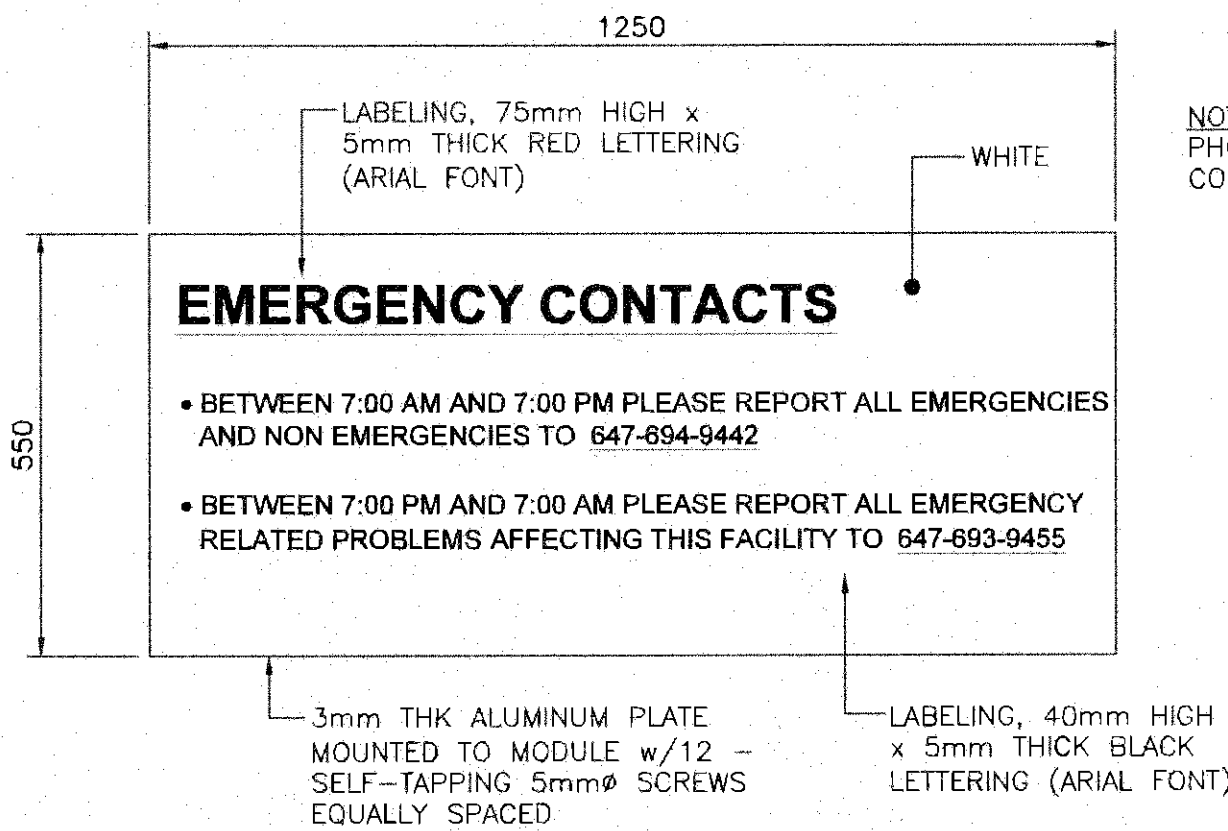
ENLARGED PLAN
FUEL MODULE
SCALE: 1:50



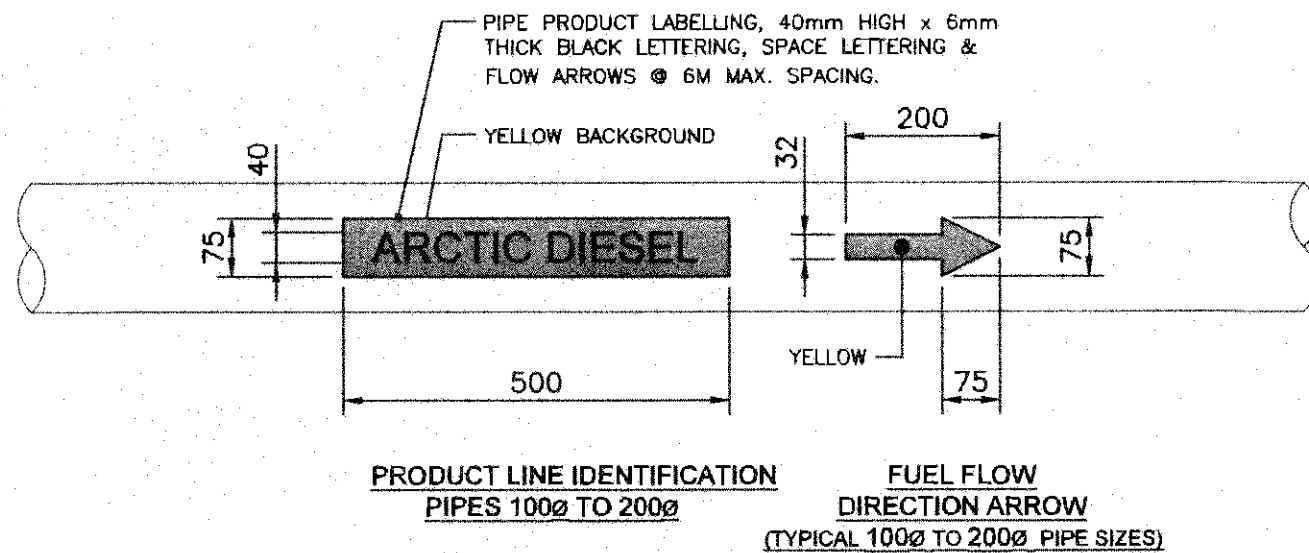
DETAIL
DIESEL VEHICLE FUELLING
SCALE: 1:10



DETAIL
DIESEL TRUCK LOADING
SCALE: 1:10



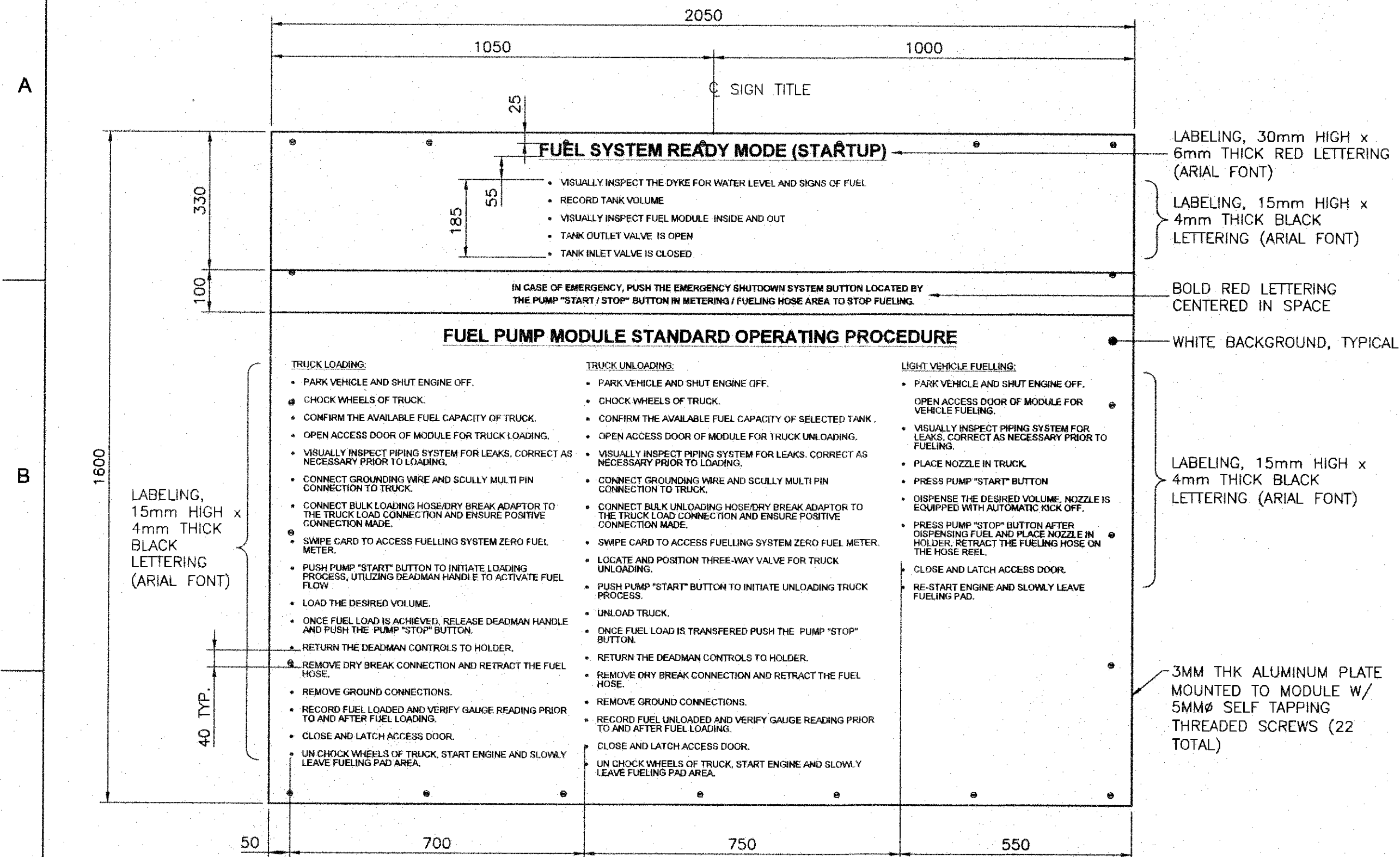
DETAIL
EMERGENCY CONTACTS SIGN
SCALE: 1:10



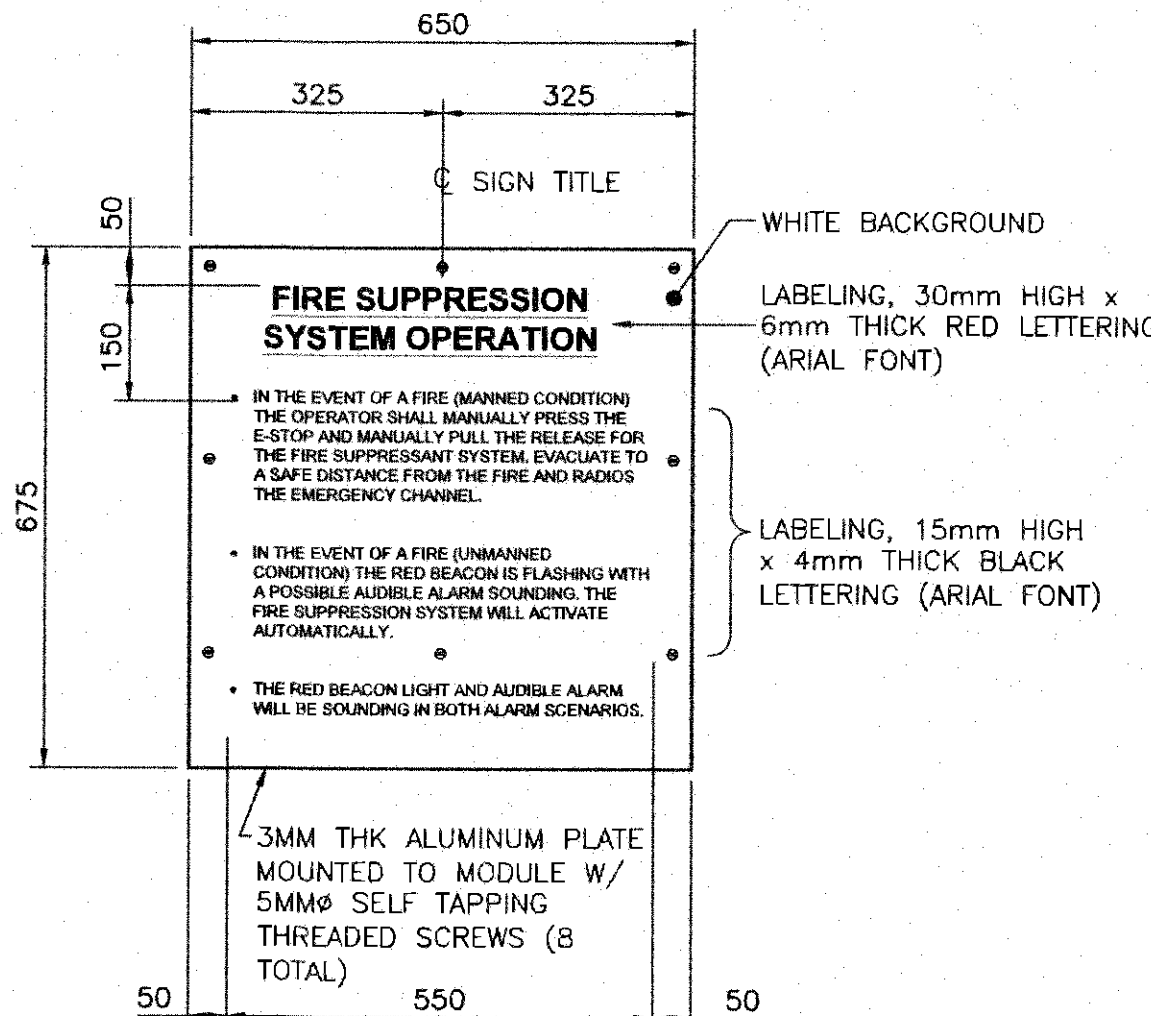
DETAIL
PIPE PRODUCT LABELLING
SCALE: 1:10

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 18/07/25
PERMIT NUMBER: P-512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

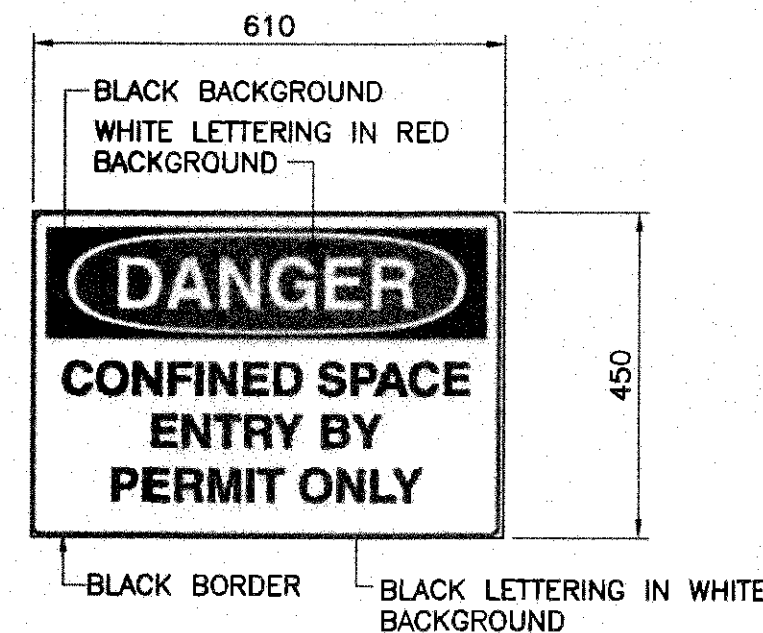
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



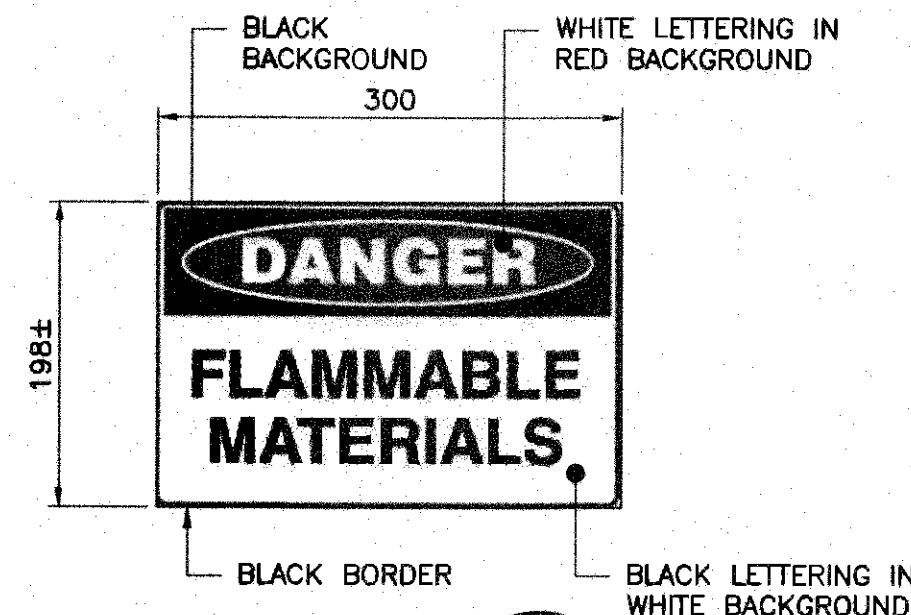
DETAIL 1
FUEL PUMP MODULE STANDARD OPERATING PROCEDURE SIGN
SCALE: 1:10
240-260-0003



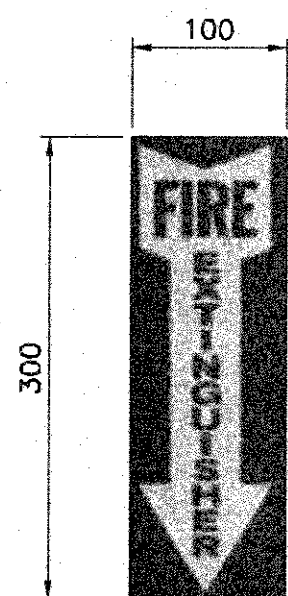
DETAIL 2
SYSTEM FIRE PROCEDURE SIGN - FUELING MODULE
SCALE: 1:10
240-260-0003



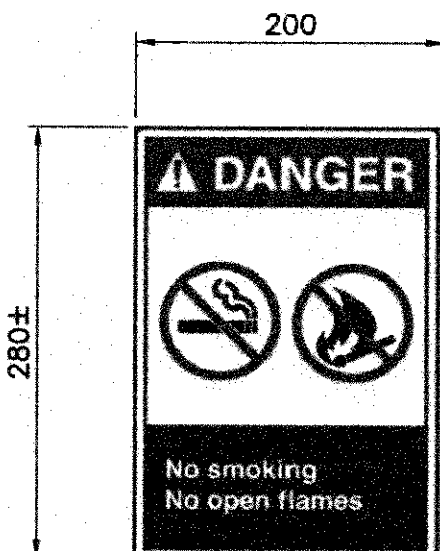
DETAIL 3
CONFINED SPACE ENTRY SIGN
(2 REQUIRED - 1 PER TANK MAN WAY)
SCALE: 1:10
240-260-0002



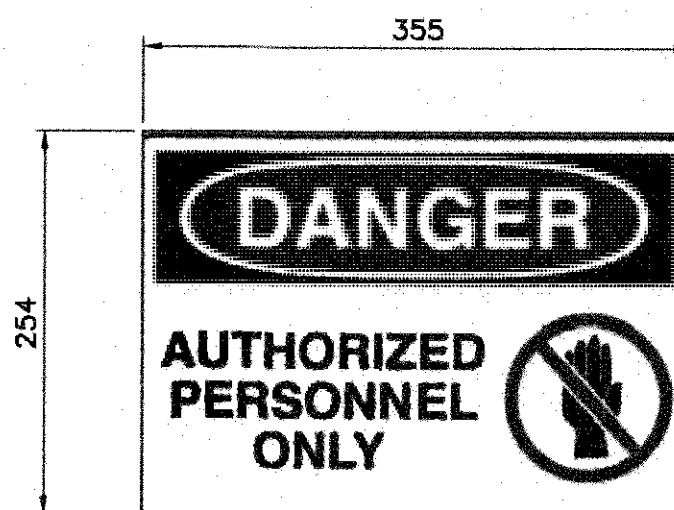
DETAIL 4
FLAMMABLE STORAGE SIGN
(4 REQUIRED)
SCALE: 1:5
240-260-0002



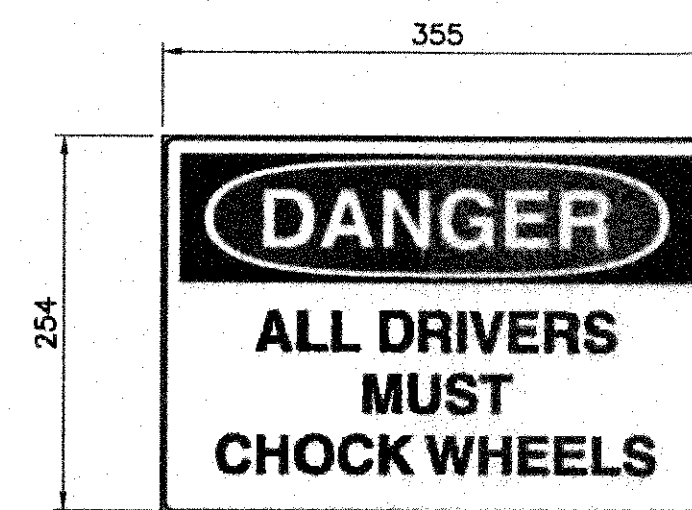
DETAIL 5
FIRE EXTINGUISHER SIGN
SCALE: 1:5
240-260-0003



DETAIL 6
NO SMOKING OR OPEN FLAME SIGN
SCALE: 1:5
240-260-0002



DETAIL 7
AUTHORIZED PERSONNEL SIGN
SCALE: 1:5
240-260-0002



DETAIL 8
CHOCK WHEELS SIGN
SCALE: 1:5
240-260-0003

SPECIFICATION AND INSTALLATION NOTES:

- SIGNS ARE TO BE CONSTRUCTED OF PERMANENT 4 MIL SELF-STICK VINYL FOR ADHESION TO EXISTING PIPING AND EQUIPMENT.
- ALL EQUIPMENT AND PRODUCT IDENTIFICATIONS TO BE FIELD LOCATED UNLESS OTHERWISE NOTED.
- MARKINGS SHALL BE LOCATED SO THEY CAN BE EASILY READ AND UNOBSTRUCTED BY EQUIPMENT, ACCESS STAIRS & PLATFORMS, RELIEF PIPING, ETC.
- MARKINGS SHALL BE VISIBLE FROM THE POINT OF NORMAL APPROACH.
- PIPE MARKINGS SHALL BE PLACED NEAR VALVES, PRODUCT LINE DESIGNATIONS AND CHANGES IN PIPE DIRECTION AND AT SPACING AS INDICATED.
- ALL PRODUCT IDENTIFICATION LETTERING AND LABELS SHALL BE VINYL STICK-ON.
- SAMPLE LETTERING/LABELS SHALL BE PROVIDED FOR OWNER REVIEW/APPROVAL.
- REFERENCE CODES FOR VALVE TAG SHAPES AND COLOR CODING AS PER PETROLEUM PRODUCTS DISTRIBUTION SYSTEMS 151930:
 - NATIONAL FIRE CODE OF CANADA 2010.
 - CPPI RECOMMENDED PRACTICE 2009.
- ALL IDENTIFYING LETTERS SHALL BE UPPER CASE ARIAL FONT OR SIMILAR.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

ISSUED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP (CLIENT) AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT, INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S ROYALTY-FREE, IRREVOCABLE, PERPETUAL AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

HATCH

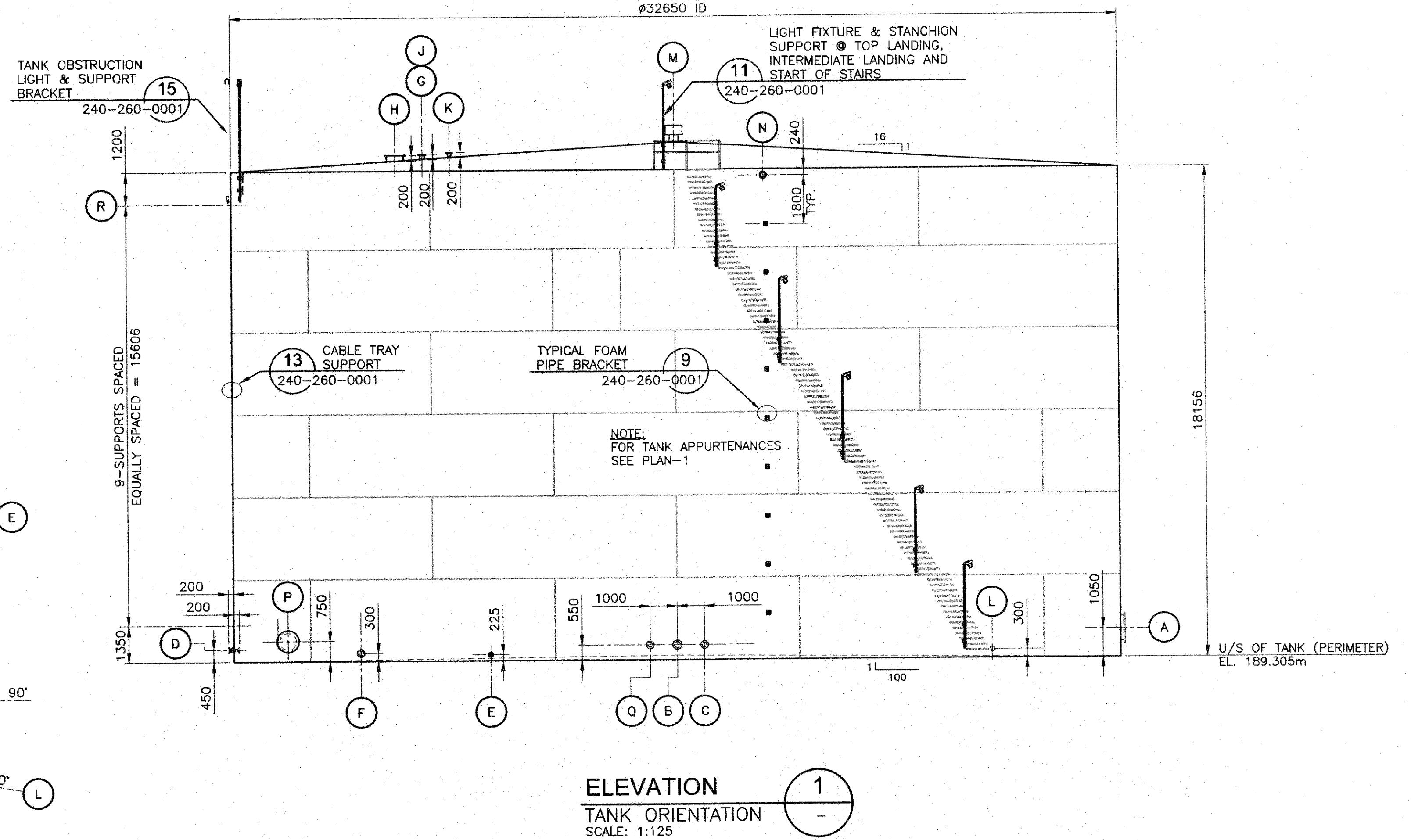
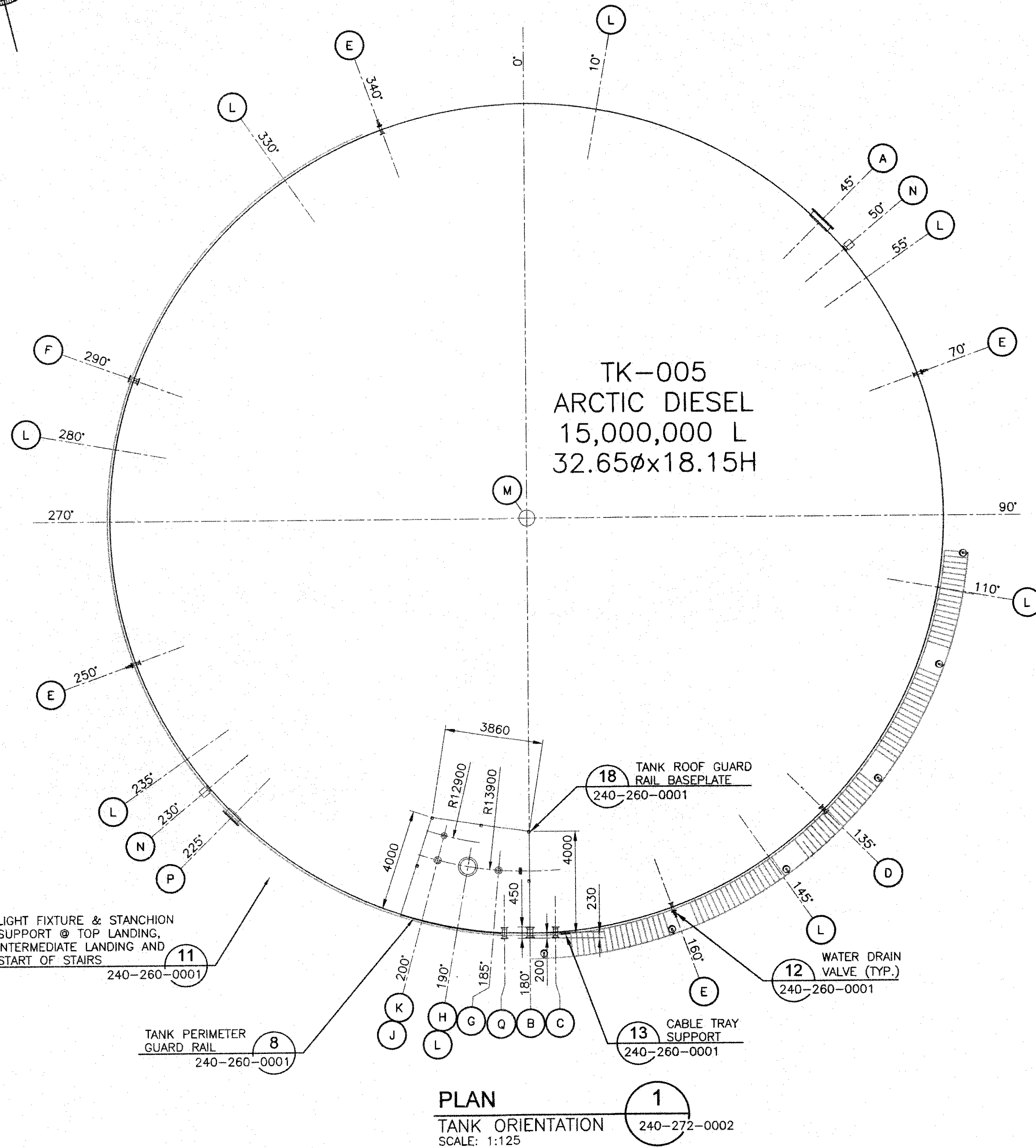
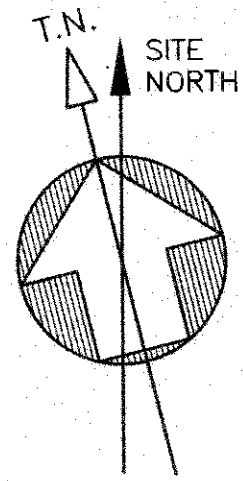
Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM
OPERATING PROCEDURES SIGNAGE

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 18/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

REFERENCE DRAWINGS		REG. PROFESSIONAL	REVISIONS				DRAWING APPROVAL STATUS:				SCALE AS NOTED OR AS NOTED	DWG. No. H353004-10000-240-260-0004-0001	REV 0
No.	DRAWING TITLE		No.	DESCRIPTION	BY	CHK'D	DATE	ROLE	NAME	SIGNATURE	DATE		
1	MINE SITE TANK FARM MODULE & PIPING SIGNAGE		0	ISSUED FOR CONSTRUCTION	SJM	MMI	18/07/25	PROJ. MANAGER	T. ATIBA	<i>[Signature]</i>	18/07/25	Approved for Construction	0
2	MINE SITE TANK FARM TK-005 ARCTIC DIESEL TANK SIGNAGE		A	ISSUED FOR PARALLEL REVIEW	SJM	MMI	18-07-20	CLIENT	T. ATIBA	<i>[Signature]</i>	18/07/25		



TANK APPURTENANCES						
ITEM	NO.	SERVICE	SIZE	RATING	TYPE	REMARKS
A	1	SHELL MANWAY	915 (36")	API 650	FF	API 650 FIG. 5-7A
B	1	TANK SUNCTION	203 (8")	CLASS 150	RF WELD NECK	DOUBLE FLANGED /W 25mm SW HALF COUPLING ON EXTERIOR NOZZLE
C	1	TANK FILL	150 (6")	CLASS 150	RF WELD NECK	DOUBLE FLANGED /W 25mm SW HALF COUPLING ON EXTERIOR NOZZLE
D	1	SPARE SHELL NOZZLE	100 (4")	CLASS 150	RF WELD NECK	DOUBLE FLANGED
E	4	WATER DRAIN NOZZLE	75 (3")	CLASS 150	RF WELD NECK	FLANGED
F	1	SPARE SHELL NOZZLE	150 (6")	CLASS 150	RF WELD NECK	FLANGED w/ BLIND FLANGE
G	1	GAUGE HATCH	150 (6")	CLASS 150	RF SLIP ON	FLANGED
H	1	ROOF MANWAY c/w EMERGENCY VENT	610 (24")	API 650	FF	C/W COVER
J	1	RADAR GAUGE	150 (6")	CLASS 150	RF SLIP ON	SINGLE FLANGE
K	1	ROOF NOZZLE (OVERFILL PROBE)	100 (4")	CLASS 150	RF SLIP ON	BUND FLANGED
L	8	GROUNDING LUGS				
M	1	ROOF VENT	305# (12")		NOZZLE	
N	2	FOAM CONNECTION NOZZLE	150 (6")		STUD PAD	STUD PAD
P	1	SHELL MANWAY	610 (24")	API 650	FF	API 650 FIG. 5-7A
Q	1	TANK DRAW DOWN	150 (6")	CLASS 150	RF	DOUBLE FLANGED
R	10	CABLE TRAY SUPPORT				

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 11/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

ISSUED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP (CLIENT) AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT. INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENTS ROYALTY-FREE, IRREVOCABLE, PERPETUAL AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, RENOVATION AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN, SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

HATCH

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

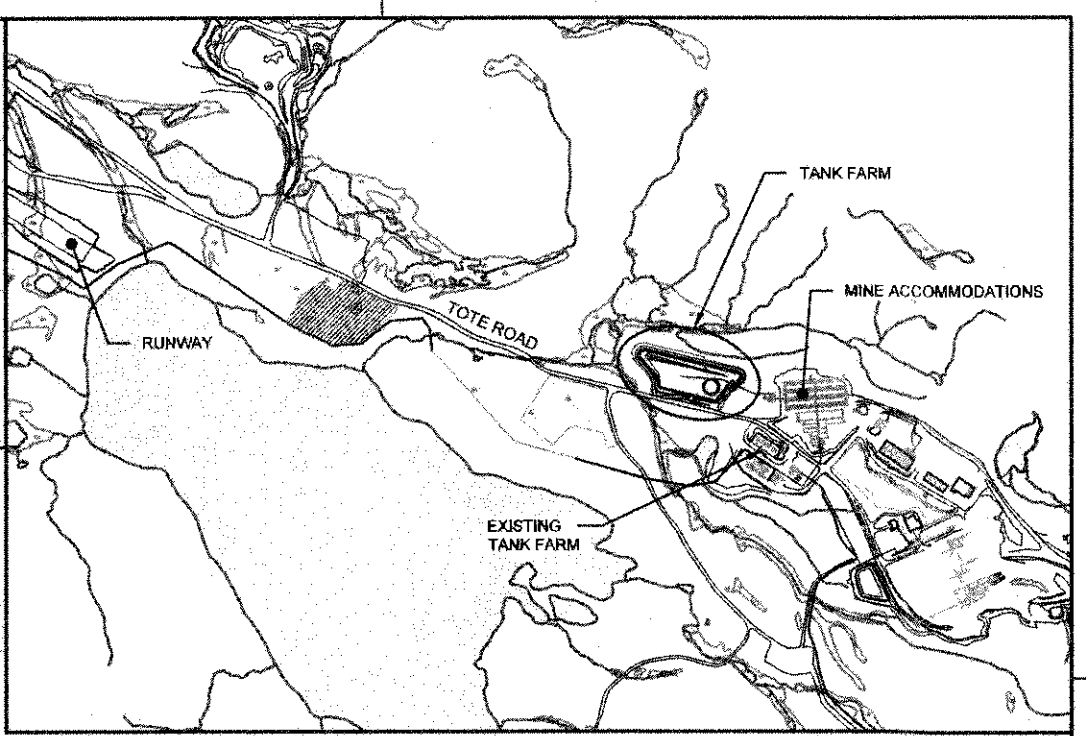
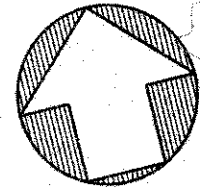
MINE SITE
FUEL SYSTEM
15,000,000L ARCTIC DIESEL TANK

DRAWING No.	DRAWING TITLE
H353004-10000-240-260-0001-0001	FUEL SYSTEM TYPICAL VERTICAL TANK DETAILS
REFERENCE DRAWINGS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

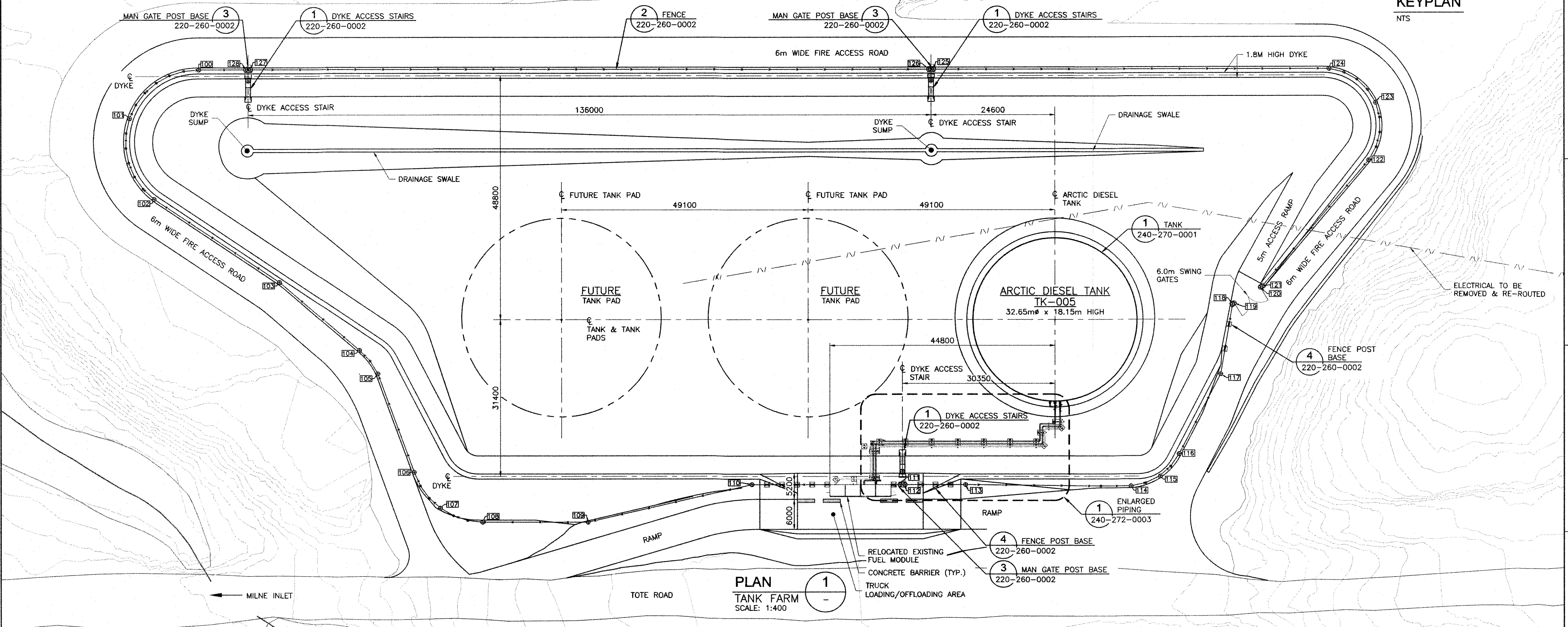
No.	DESCRIPTION	BY	CHK'D	DATE	ROLE	NAME	SIGNATURE	DATE
0	ISSUED FOR CONSTRUCTION	SJM	MMI	18/07/25	PROJ. MANAGER	T. ATIBA		17/7/25
A	ISSUED FOR PARALLEL REVIEW	SJM	MMI	18-07-20	CLIENT			
DRAWING APPROVAL STATUS: Approved for Construction								

No.	DESCRIPTION	BY	CHK'D	DATE	ROLE	NAME	SIGNATURE	DATE
1	DRAFTSPERSON	H. P. CURRIE			NR			18-07-04
2	DESIGNER	K. MacLEAN			NR			18-07-04
3	CHECKER	M. MacINTYRE						18/07/25
4	DESIGN COORD.	M. MacINTYRE						18/07/25
5	RESP. ENG.	F. BUTTS						18/07/25
6	LEAD DISC. ENG.	K. MacLEAN						18/07/25
7	ENG. MANAGER	D. STANGER						17/7/25
8	CLIENT	T. ATIBA						17/7/25

SCALE	DWG. No.	REV
AS NOTED	H353004-10000-240-270-0001-0001	0
OR AS NOTED		



KEYPLAN
NTS



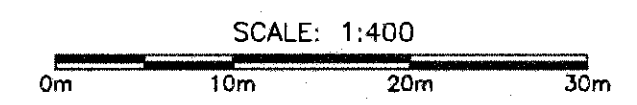
FENCE LAYOUT POINTS				
TARGET No.	FEATURE	ELEVATION	NORTHING	EASTING
100	FENCE LINE	189.700	7913524.462	560975.344
101	FENCE LINE	189.699	7913516.314	560959.626
102	FENCE LINE	189.700	7913501.461	560960.542
103	FENCE LINE	189.730	7913479.347	560980.815
104	FENCE LINE	188.479	7913462.271	560993.036
105	FENCE LINE	188.144	7913456.831	560985.474

FENCE LAYOUT POINTS				
TARGET No.	FEATURE	ELEVATION	NORTHING	EASTING
106	FENCE LINE	186.804	7913435.960	560987.796
107	FENCE LINE	186.209	7913427.752	561091.167
108	FENCE LINE	186.000	7913423.020	561008.672
109	FENCE LINE	186.005	7913418.023	561029.069
110	FENCE LINE	189.754	7913417.550	561062.519
111	FENCE LINE - MAN GATE	190.065	7913410.540	561091.136

FENCE LAYOUT POINTS				
TARGET No.	FEATURE	ELEVATION	NORTHING	EASTING
112	FENCE LINE - MAN GATE	190.065	7913410.303	561082.108
113	FENCE LINE	190.171	7913407.433	561103.819
114	FENCE LINE	189.400	7913399.310	561135.722
115	FENCE LINE	188.748	7913399.809	561141.844
116	FENCE LINE	189.700	7913403.241	561146.544
117	FENCE LINE	189.993	7913416.795	561158.389

FENCE LAYOUT POINTS				
TARGET No.	FEATURE	ELEVATION	NORTHING	EASTING
118	FENCE LINE - ACCESS GATE	190.086	7913429.771	561164.002
119	FENCE LINE - ACCESS GATE	190.083	7913429.898	561164.408
120	FENCE LINE	190.091	7913431.711	561170.178
121	FENCE LINE	190.093	7913431.844	561170.584
122	FENCE LINE	188.692	7913451.325	561197.219
123	FENCE LINE	189.862	7913462.126	561201.279

FENCE LAYOUT POINTS				
TARGET No.	FEATURE	ELEVATION	NORTHING	EASTING
124	FENCE LINE - MAN GATE	189.670	7913470.920	561193.881
125	FENCE LINE - MAN GATE	189.703	7913469.543	561117.462
126	FENCE LINE - MAN GATE	189.703	7913469.881	561116.491
127	FENCE LINE - MAN GATE	189.700	7913522.006	560985.369
128	FENCE LINE - MAN GATE	189.700	7913522.244	560984.387

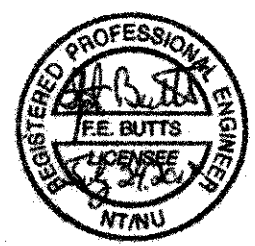


PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 1/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers
Geologists and Geophysicists of NWT/NU

ISSUED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP (CLIENT) AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE CLIENT, INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THE DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENTS ROYALTY FEE. IRREVOCABLE, EXCLUSIVE, AND NON-EXCLUSIVE LICENSE TO USE AND REPRODUCE THE DRAWING FOR PURPOSES CONNECTED WITH THE PROJECT, INCLUDING THE CONSTRUCTION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

DRAWING No.	DRAWING TITLE
H353004-10000-220-272-0009-0001	MINE SITE TANK FARM GRADING PLAN
H353004-10000-220-273-0001-0001	MINE SITE TANK FARM DYKE SECTIONS A TO D
H353004-10000-220-273-0002-0001	MINE SITE TANK FARM DYKE SECTIONS E & F
H353004-10000-220-273-0003-0001	MINE SITE TANK FARM DYKE SECTION G
H353004-10000-240-272-0003-0001	MINE SITE TANK FARM ENLARGED PIPING PLANS & SECTIONS
H353004-10000-240-270-0001-0001	MINE SITE FUEL SYSTEM 15,000,000L DIESEL STORAGE TANK
H353004-10000-260-272-0005-0001	MINE SITE ELECTRICAL GENERAL ARRANGEMENT
H353004-10000-260-272-0007-0001	MINE SITE GROUNDING PLAN



0 ISSUED FOR CONSTRUCTION
A ISSUED FOR PARALLEL REVIEW

No.	DESCRIPTION	DATE	BY	CHKD
0	ISSUED FOR CONSTRUCTION	18/07/25	HP	MMI
A	ISSUED FOR PARALLEL REVIEW	18-07-19	HP	MMI

ROLE	NAME	SIGNATURE	DATE
DRAFTSPERSON	H. P. CURRIE		NR 18-07-06
DESIGNER	K. MacLEAN		NR 18-07-06
CHECKER	M. MacINTYRE		18/07/25
DESIGN COORD.	M. MacINTYRE		18/07/25
RESP. ENG.	F. BUTTS		1/07/25
LEAD DISC. ENG.	K. MacLEAN		18/07/25
ENG. MANAGER	D. STANGER		18/07/25
PROJ. MANAGER	T. ATIBA		18/07/25
CLIENT			

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

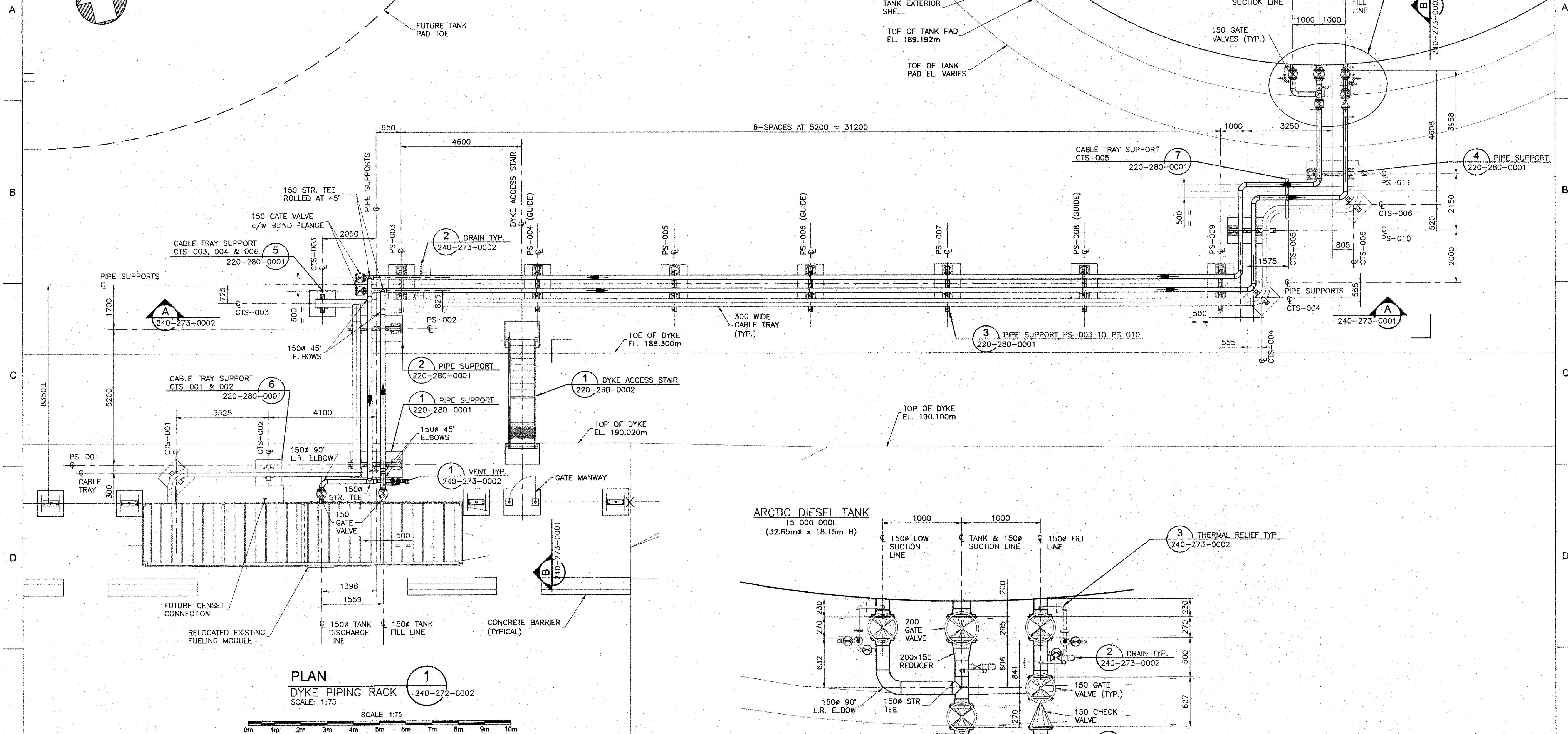
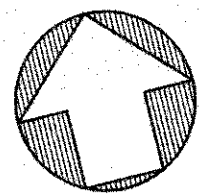
MINE SITE
TANK FARM
GENERAL ARRANGEMENT

SCALE: 1:400 OR AS NOTED

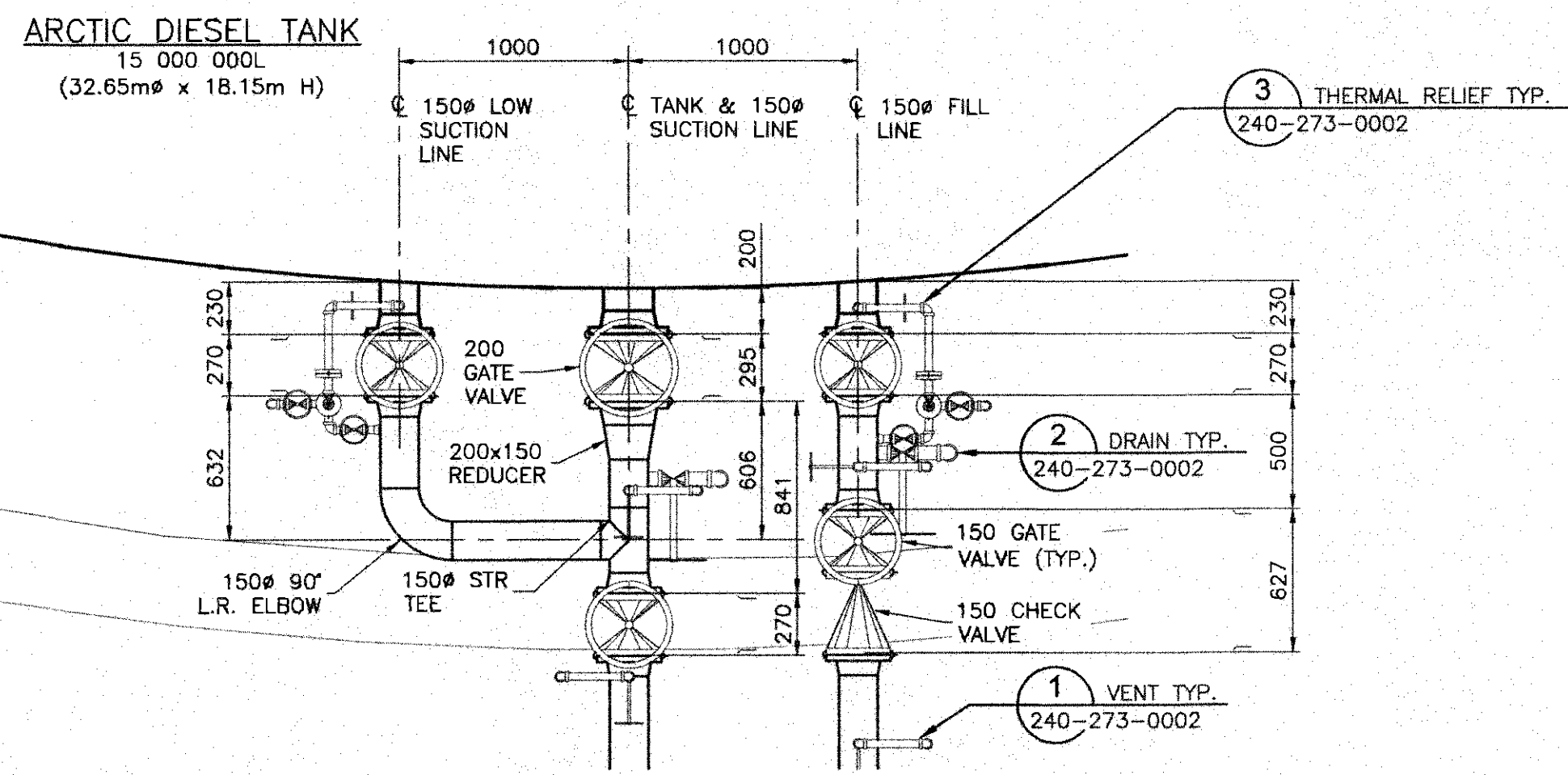
DWG. No. H353004-10000-240-272-0002-0001

REV 0

SHEET SIZE: A1



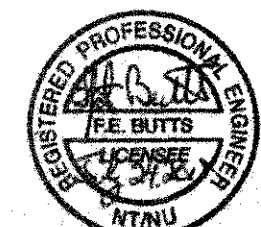
PLAN
DYKE PIPING RACK
SCALE: 1:75



ENLARGED PIPING PLAN
DYKE PIPING RACK
SCALE: 1:25

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 18/07/25
PERMIT NUMBER: P-512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

DRAWING No.	DRAWING TITLE
H353004-10000-220-280-0001-0001	TANK FARM PIPE SUPPORTS
H353004-10000-240-273-0002-0001	TANK FARM PIPING SECTION-B & MISCELLANEOUS DETAILS
H353004-10000-240-273-0001-0001	TANK FARM PIPING SECTION-A
H353004-10000-240-272-0002-0001	TANK FARM GENERAL ARRANGEMENT



REG. PROFESSIONAL

ISSUED FOR CONSTRUCTION

No.	DESCRIPTION	BY	CHK'D	DATE
0	ISSUED FOR CONSTRUCTION			
A	ISSUED FOR PARALLEL REVIEW			

ROLE	NAME	SIGNATURE	DATE
DRAFTSPERSON	H. P. CURRIE		18-06-19
DESIGNER	J. MacLEAN		18-06-19
CHECKER	M. MacINTYRE	<i>[Signature]</i>	18/07/25
DESIGN COORD.	M. MacINTYRE	<i>[Signature]</i>	18/07/25
RESP. ENG.	F. BUTTS	<i>[Signature]</i>	18/07/25
LEAD DISC. ENG.	J. MacLEAN	<i>[Signature]</i>	18/07/25
ENG. MANAGER	D. STANGER	<i>[Signature]</i>	18/07/25
CLIENT	T. ATIBA	<i>[Signature]</i>	18/07/25

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

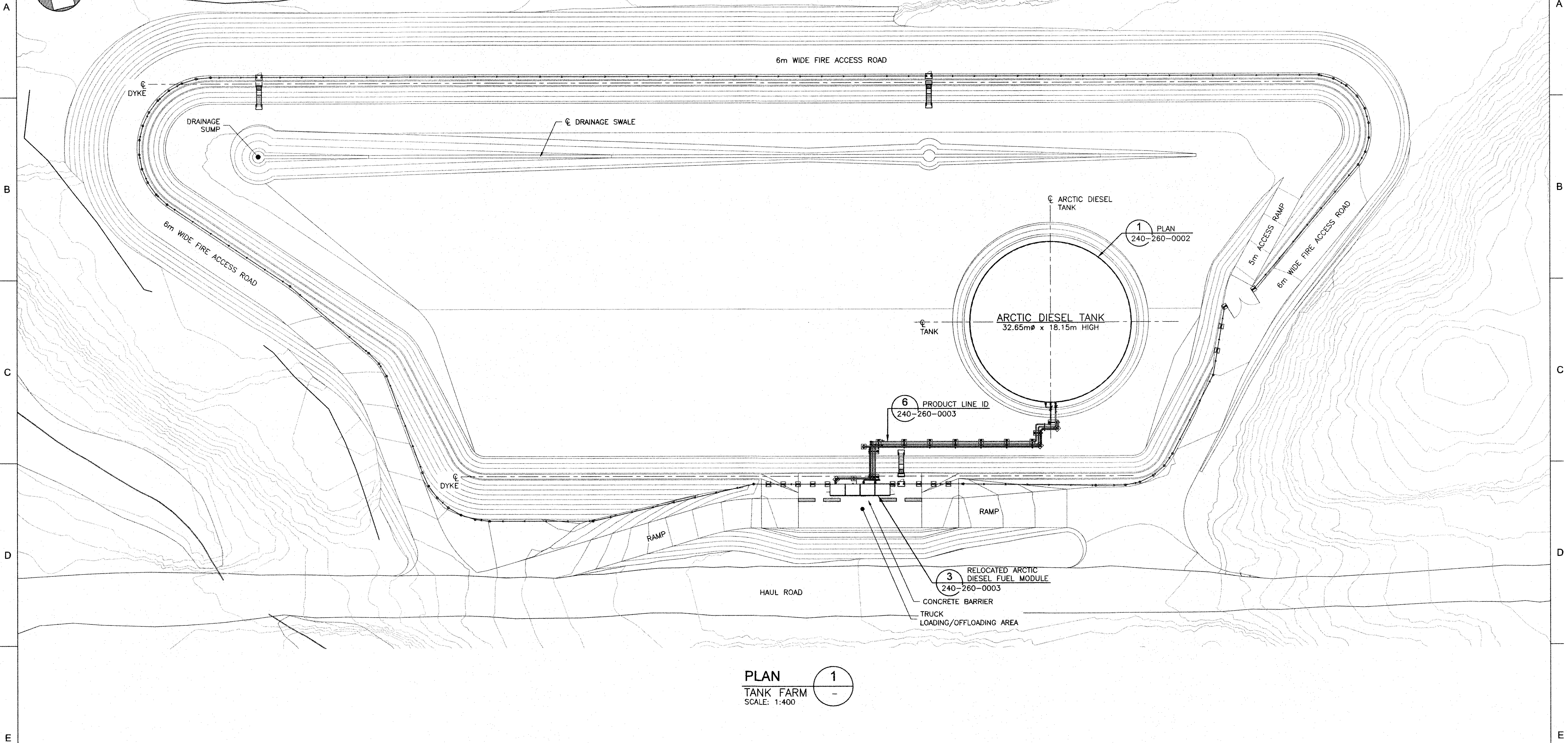
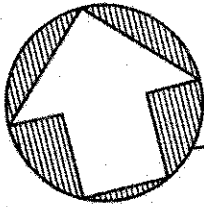
MINE SITE
TANK FARM ENLARGED PIPING
PLAN

SCALE: 1:75
OR AS NOTED

DWG. No. H353004-10000-240-272-0003-0001

REV 0

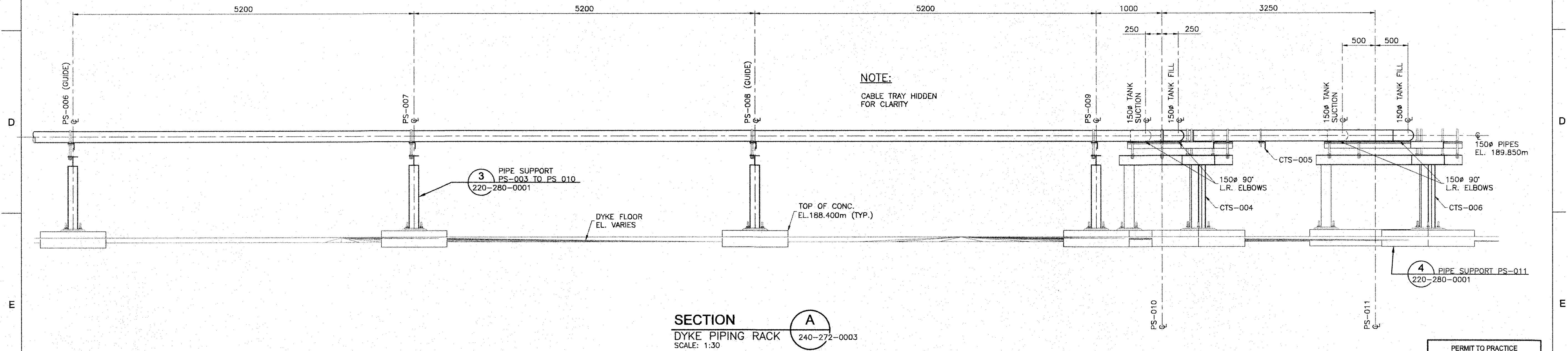
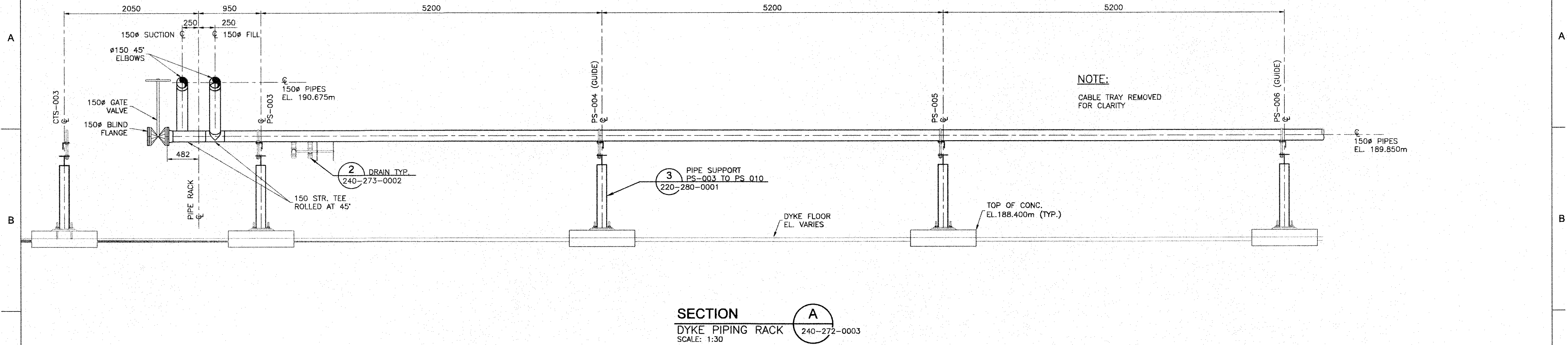
SHEET SIZE: A1



PLAN 1
TANK FARM
SCALE: 1:400

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 11/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

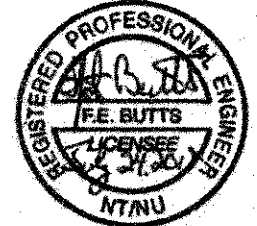


PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 18/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NNU

ISSUED FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. FOR THE EXCLUSIVE USE OF BAFFINLAND AND BARRICK GOLD CORPORATION. IT IS TO BE USED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE CONTRACT. THE DESIGNATION AND THE CLIMATE, INCLUDING ANY LIMITATIONS, ARE THE PROPERTY OF HATCH LTD. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HATCH LTD. THE INFORMATION IS PROVIDED FOR THE PURPOSES OF THE PROJECT, INCLUDING THE CONSTRUCTION, OPERATION, MAINTENANCE, EXTENSION, MODIFICATION AND CLOSURE OF THE PROJECT. THE INFORMATION AND THE INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE DISCLOSED WITHOUT THE WRITTEN CONSENT OF HATCH LTD.

H353004-10000-240-272-0003-0001	TANK FARM ENLARGED PIPING PLANS
H353004-10000-220-280-0001-0001	PIPE SUPPORTS CONCRETE BASE DETAILS
DRAWING No.	DRAWING TITLE



REG. PROFESSIONAL

0	ISSUED FOR CONSTRUCTION	HPC	MMI	18/07/25
A	ISSUED FOR PARALLEL REVIEW	HPC	MMI	18-07-20
No.	DESCRIPTION	BY	CHK'D	DATE

DRAFTSPERSON	H. P. CURRIE	NR	18-06-19
DESIGNER	J. MacLEAN	NR	18-06-19
CHECKER	M. MacINTYRE	MMI	18/07/25
DESIGN COORD.	M. MacINTYRE	MMI	18/07/25
RESP. ENG.	F. BUTTS	MMI	18/07/25
LEAD DISC. ENG.	J. MacLEAN	MMI	18/07/25
ENG. MANAGER	D. STANGER	MMI	18/07/25
PROJ. MANAGER	T. ATIBA	MMI	18/07/25
CLIENT	T. ATIBA	MMI	18/07/25
ROLE	NAME	SIGNATURE	DATE

DRAWING APPROVAL STATUS: Approved for Construction

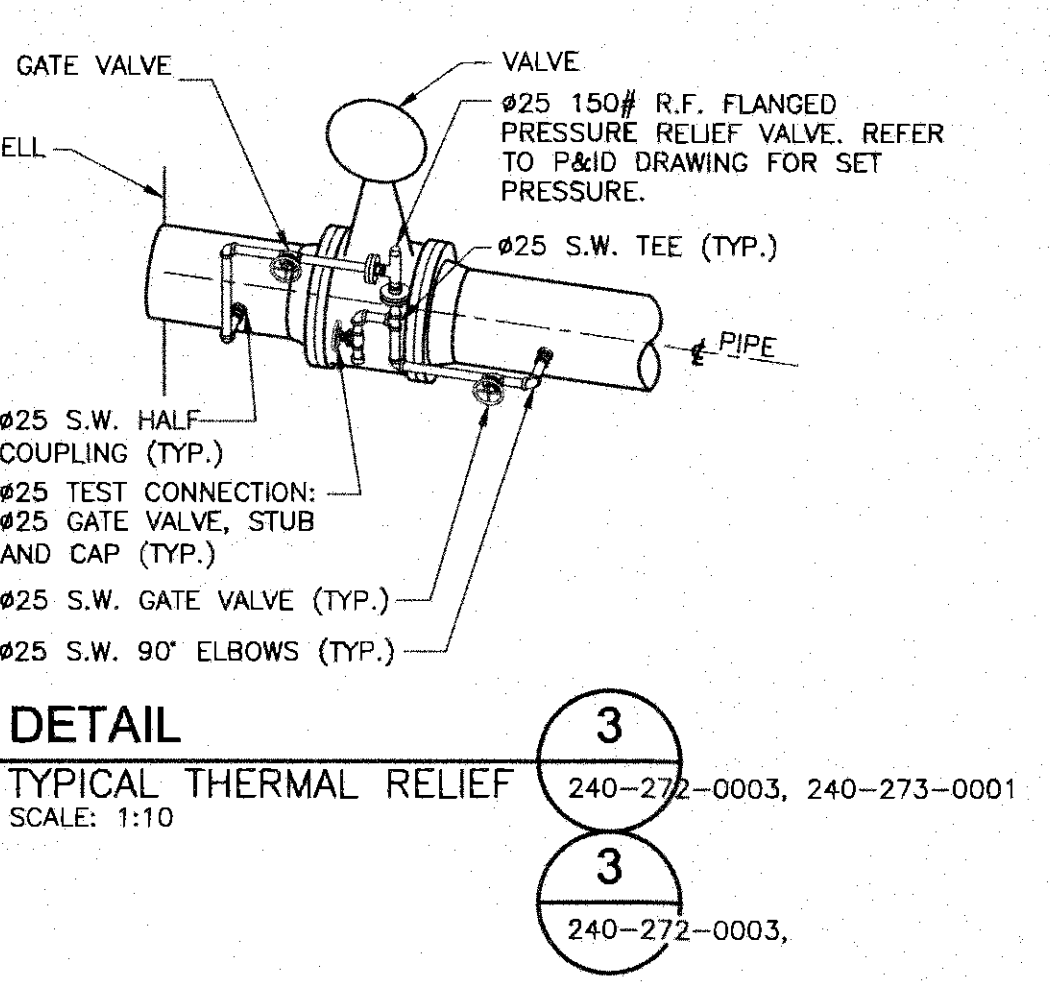
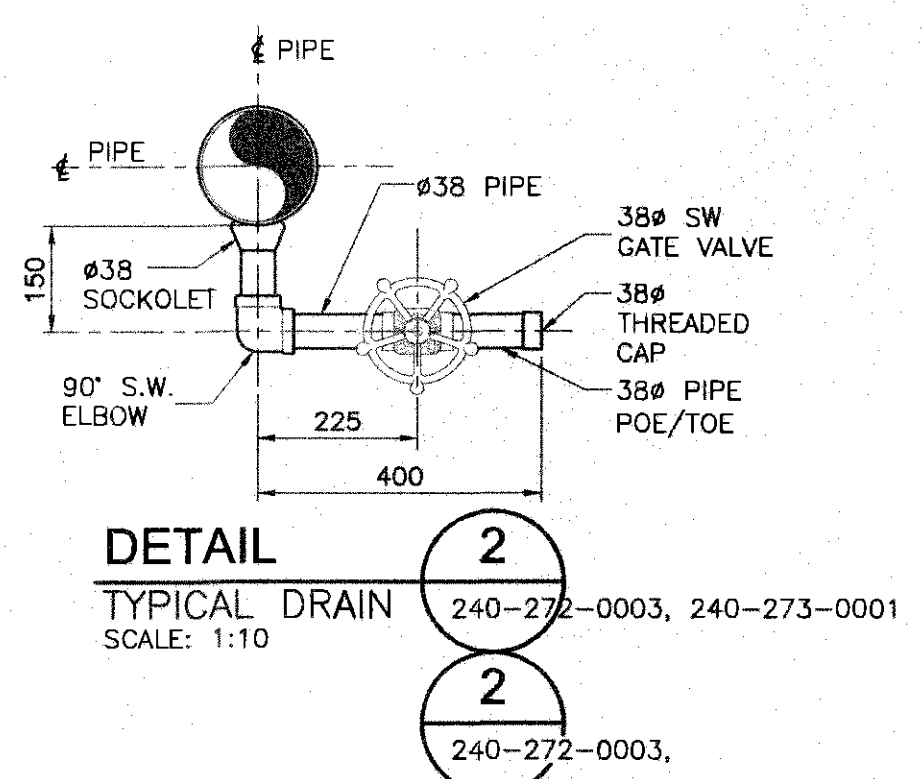
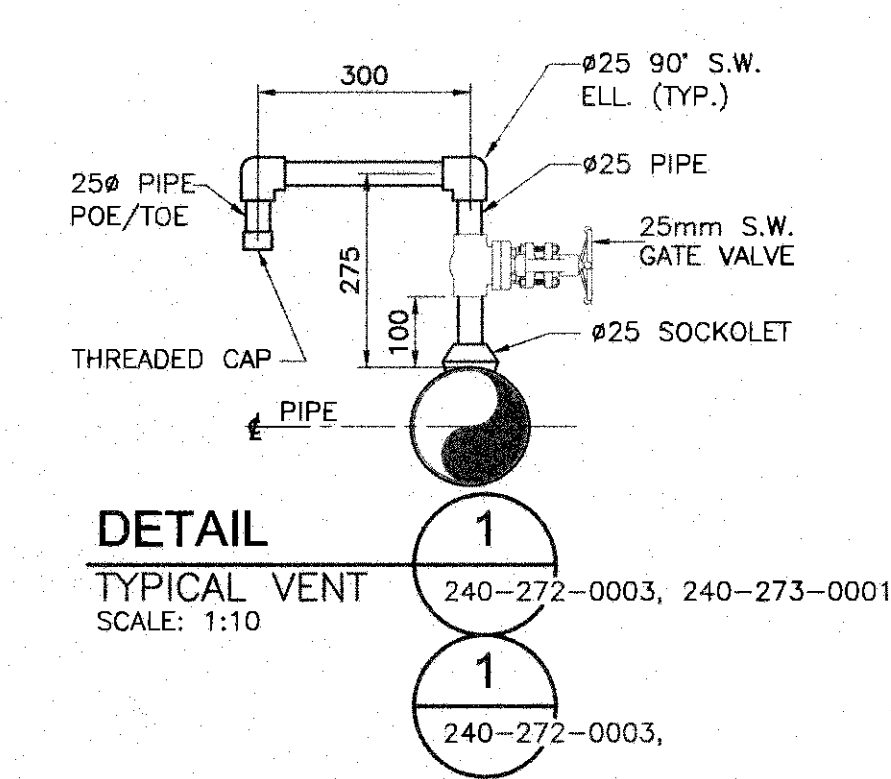
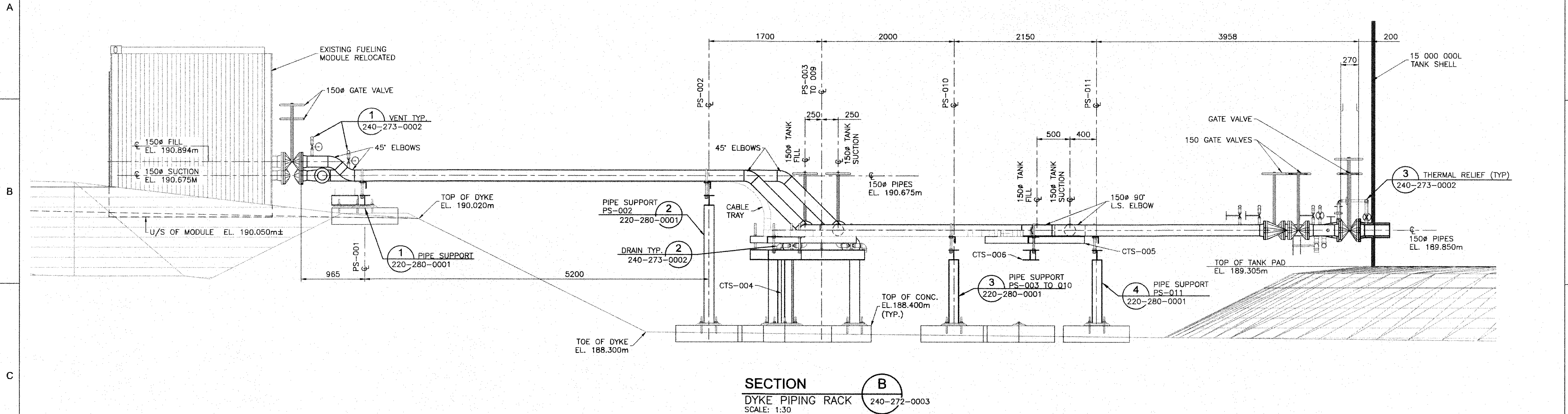


MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM PIPING
SECTION-A

SCALE: 1:30 OR AS NOTED
DWG. No. H353004-10000-240-273-0001-0001
REV 0

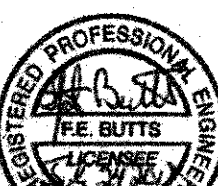
SHEET SIZE: A1



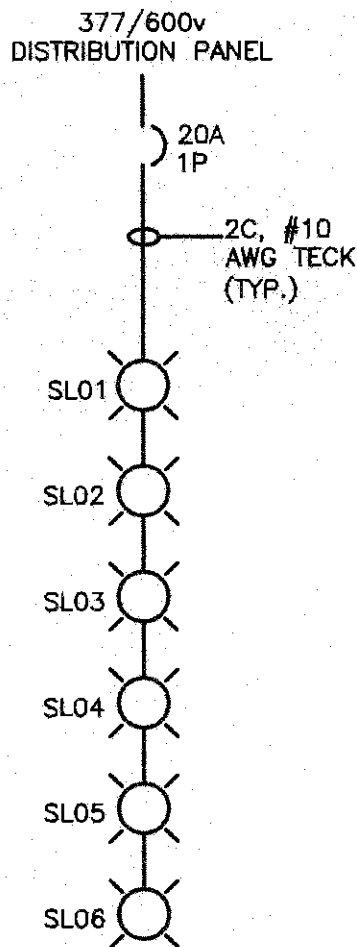
NOTE:
1. ALL VENT AND DRAIN PIPING TO BE SCH. 80 CARBON STEEL IN COMPLIANCE WITH PIPE SPECIFICATIONS. ALL FITTINGS TO BE CLASS 3000# S.W. ALL VALVES TO BE CLASS 800# S.W.

NOTE:
1. ALL PRESSURE RELIEF PIPING TO BE SCH. 80 CARBON STEEL IN COMPLIANCE WITH PIPE SPECIFICATIONS. ALL FITTINGS TO BE CLASS 3000# S.W. ALL VALVES TO BE CLASS 800# S.W.

PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 18/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWTNU

			ISSUED FOR CONSTRUCTION				THIS DRAWING WAS PREPARED BY HATCH LTD. (HATCH) FOR THE EXCLUSIVE USE OF BAFFINLAND AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HATCH LTD. THE DRAWING IS THE PROPERTY OF HATCH LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HATCH LTD.										
							DRAFTSPERSON H. P. CURRIE NR 18-06-20				MARY RIVER EXPANSION PROJECT BAFFINLAND IRON MINES LP MINE SITE TANK FARM PIPING SECTION B & MISCELLANEOUS DETAILS						
							DESIGNER J. MacLEAN NR 18-06-20										
							CHECKER M. MacINTYRE 18/07/25										
							DESIGN COORD. M. MacINTYRE 18/07/25										
							RESP. ENG. F. BUTTS 18/07/25										
							LEAD DISC. ENG. J. MacLEAN 18/07/25										
							ENG. MANAGER D. STANGER 18/07/25										
							PROJ. MANAGER T. ATIBA 18/07/25										
							CLIENT T. ATIBA 18/07/25										
						DRAWING APPROVAL STATUS: Approved for Construction				SCALE 1:30 OR AS NOTED DWG. No. H353004-10000-240-273-0002-0001 REV 0 SHEET SIZE							
H353004-10000-240-272-0003-0001		TANK FARM ENLARGED PIPING PLANS															
H353004-10000-220-280-0001-0001		TANK FARM PIPE SUPPORTS															
DRAWING No.		DRAWING TITLE		REG. PROFESSIONAL		REVISIONS		BY		CHK'D		DATE		ROLE		SIGNATURE	
1		2		3		4		5		6		7		8			

SL - STANCHION LIGHT



TANK LIGHTING SCHEMATIC
SCALE: N.T.S.

260-272-0005

PERMIT TO PRACTICE
 HATCH LTD.
 Signature [Signature]
 Date 11/07/15
 PERMIT NUMBER: P 512
 The Association of Professional Engineers,
 Geologists and Geophysicists of NWT/NU

THIS DRAWING WAS PREPARED BY NORTHEAST CONTRACT FOR THE EXCLUSIVE USE OF BAYVIEW AND BOW MARINE CORPORATION, AND IT IS BE SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN THEM. ANY USE OF THIS DRAWING, INCLUDING THE LIMITATION ON LIABILITY, IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT. THE DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF NORTHEAST CONTRACT. NO PART OF THIS DRAWING, INCLUDING THE LIMITATION ON LIABILITY, IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF NORTHEAST CONTRACT. THIS DRAWING IS THE PROPERTY OF NORTHEAST CONTRACT, AND IT IS TO BE KEPT IN THE ORIGINAL FORM AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF NORTHEAST CONTRACT. THIS DRAWING IS THE PROPERTY OF NORTHEAST CONTRACT, AND IT IS TO BE KEPT IN THE ORIGINAL FORM AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF NORTHEAST CONTRACT.

Baffinland

MINE SITE ELECTRICAL DETAILS

DWG. No.

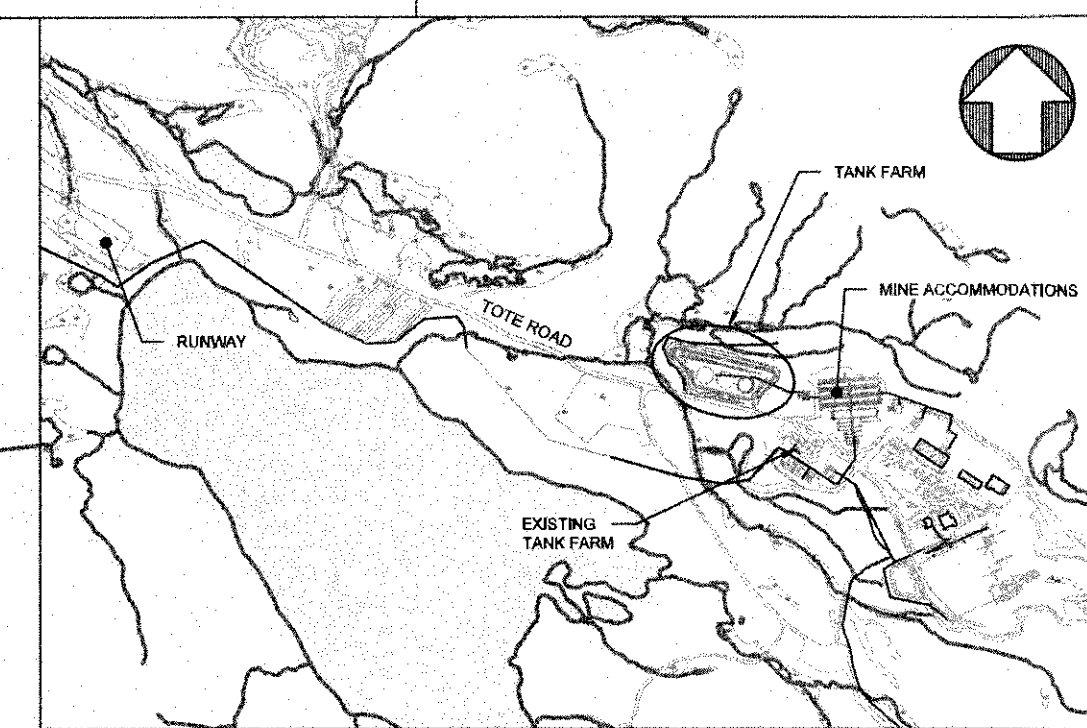
H353004-10000-260-260-0001-0001

REV

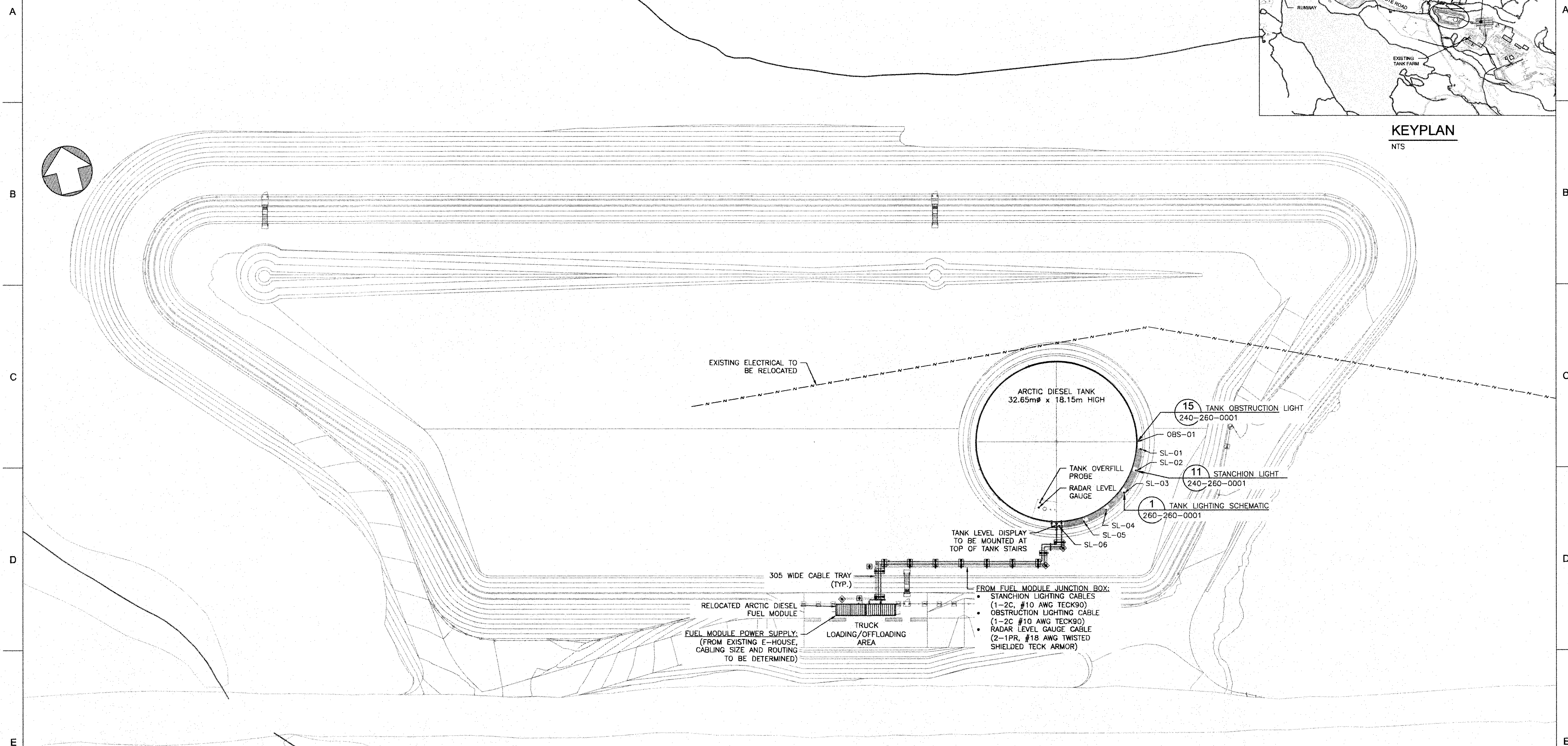
SHEET SIZE: A1

LEGEND

SL - STANCHION LIGHT
OBS - OBSTRUCTION LIGHT



KEYPLAN
NTS



1 PLAN
GENERAL ARRANGEMENT
SCALE: 1:400

SCALE: 1:400
0m 10m 20m 30m

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 18/07/25
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

ISSUED FOR CONSTRUCTION

THIS DRAWING AND PREPARED BY HATCH LTD. FOR THE EXCLUSIVE USE OF BAFFINLAND AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HATCH LTD. THE DRAWING AND ITS CONTENTS ARE THE PROPERTY OF HATCH LTD. AND ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE DRAWING AND ITS CONTENTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE DRAWING AND ITS CONTENTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES.

DRAFTSPERSON	B. MERCER	NR	18-07-02
DESIGNER	M. MacLEAN	NR	18-07-02
CHECKER	M. MacINTYRE	18/07/25	18/07/25
DESIGN COORD.	M. MacINTYRE	18/07/25	18/07/25
RESP. ENG.	F. BUTTS	18/07/25	18/07/25
LEAD DISC. ENG.			
ENG. MANAGER	D. STANGER	18/07/25	18/07/25
PROJ. MANAGER			
CLIENT	T. ATIBA	18/07/25	18/07/25

ROLE	NAME	SIGNATURE	DATE
DRAWING APPROVAL STATUS:	Approved for Construction		

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM ELECTRICAL
GENERAL ARRANGEMENT

SCALE: 1:400 OR AS NOTED
DWG. No. H353004-10000-260-272-0005-0001
REV 0

H353004-10000-260-280-0001-0001	MINE SITE ELECTRICAL DETAILS
H353004-10000-240-260-0001-0001	MINE SITE FUEL SYSTEM TYPICAL VERTICAL TANK DETAILS
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	REG. PROFESSIONAL

No.	DESCRIPTION	BY	CHK'D	DATE
0	ISSUED FOR CONSTRUCTION	BM	MML	18/07/25
A	ISSUED FOR PARALLEL REVIEW			

1. TANK GROUND CONNECTIONS ARE BOLTED MECHANICAL.
2. MECHANICAL BOLTED AND COMPRESSION ONLY FOR INSULATED GR. GROUND.
3. ALL CABLE TRAYS TO HAVE 1/0 AWG GREEN GROUND BONDED TO TRAY AT 15M INTERVALS.
4. GROUND ELECTRODE IS NOT TO PIERCE DYKE LINER AT ANY POINT.

-  - 3000 LG x 19mmø Cu CLAD GROUND
ELECTRODE DRIVEN 305mm BELOW GRADE
-  - THERMAL WELD OR COMPRESSION CLAMP
-  - BURIED GROUND 1/0 AWG BARE Cu.
-  - CABLE TRAY GROUND 1/0 AWG GR. INSULATED

1 PLAN
- TANK GROUNDING
SCALE: 1:400

7 GROUND LUG
240-260-0001

TANK GROUNDING TAB

1/0 AWG GREEN INSULATED COPPER GROUND, TO BE ROUTED ABOVE LINER IN DYKE GRANULAR FILL. (TYP.)

ARCTIC DIESEL TANK
32.65m x 15.75m HIGH

DYKE GRANULARS
DYKE LINER

DISTANCE VARIES DEPENDING WHERE LINER ENDS

305

3000

MECHANICAL BURIED COMPRESSION CONNECTION FROM ADJACENT TANK GROUNDING TAB

3000 LG x 19# Cu CLAD GROUND ELECTRODE
DRIVEN 305 BELOW GRADE

1
-
DETAIL
TANK GROUNDING
SCALE: 1:25

PERMIT TO PRACTICE
 HATCH LTD.
 Signature *[Signature]*
 Date *11/07/25*
 PERMIT NUMBER: P 512
 The Association of Professional Engineers,
 Geologists and Geophysicists of NWT/NU

ISSUED FOR CONSTRUCTION

[illegible]

HATCH

Baffinland

MARY RIVER EXPANSION PROJECT
BAFFINLAND IRON MINES LP

MINE SITE
TANK FARM GROUNDING
PLAN

DRFTSPERSON	B. MERCER	NR	18-07-02
DESIGNER	M. MacLEAN	NR	18-07-02
CHECKER	M. MacINTYRE	<i>Michael MacIntyre</i>	18/07/25
DESIGN COORD.	M. MacINTYRE	<i>Michael MacIntyre</i>	18/07/25
RESP. ENG.	F. BUTTS	<i>F. Butts</i>	18/07/25
LEAD DISC. ENG.			
ENG. MANAGER	D. STANGER	<i>D. Stanger</i>	18/7/25
PROJ. MANAGER			
CLIENT	T. ATIBA	<i>T. Atiba</i>	18/7/25

SCALE 1:400 OR AS NOTED	DWG. No. H353004-10000-260-272-0007-0001	REV 0
-------------------------------	---	----------

0	ISSUED FOR CONSTRUCTION	BM	MML	18-07-20
A	ISSUED FOR PARALLEL REVIEW	BY	CHK'D	DATE

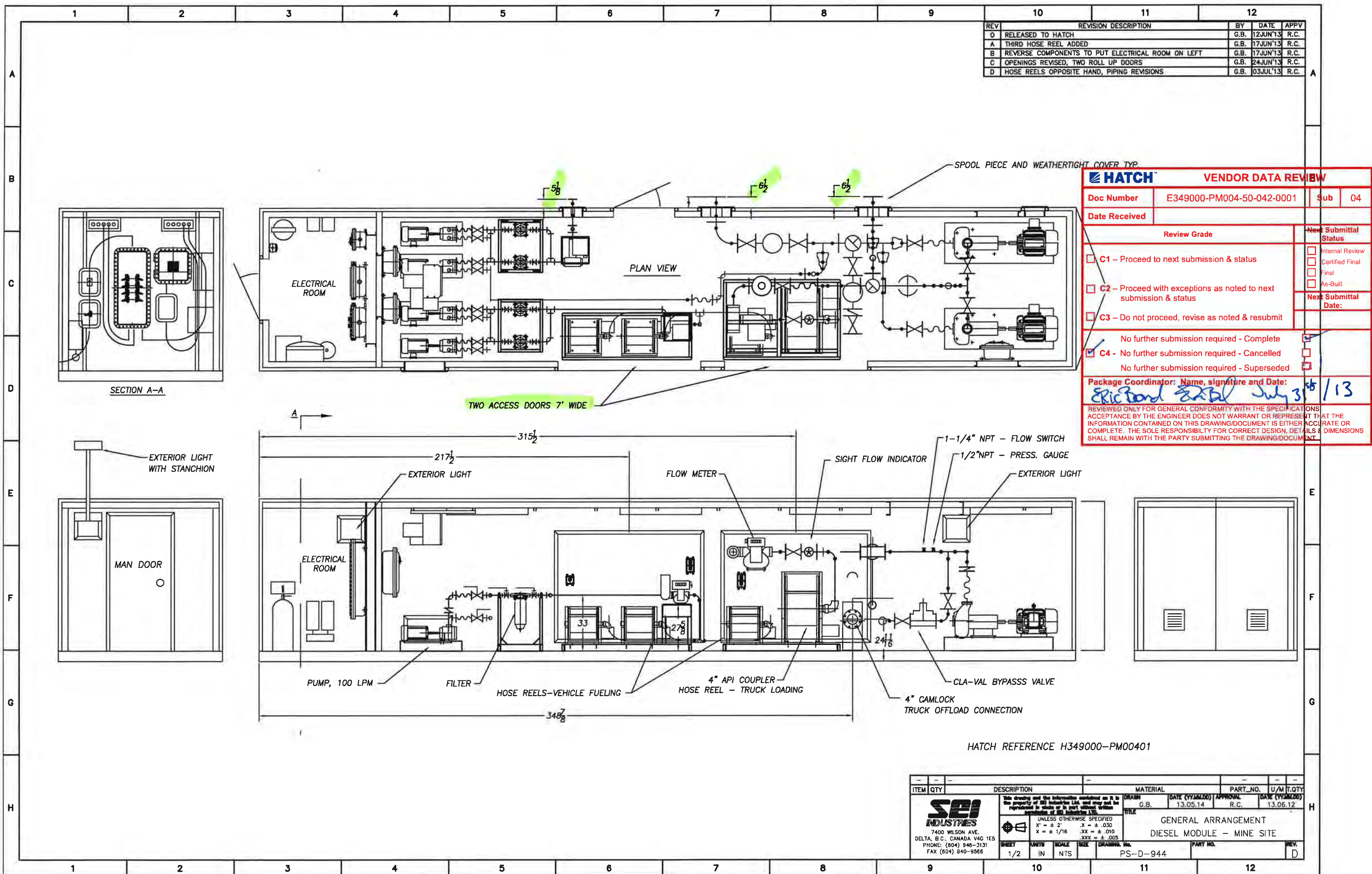
H353004-10000-240-260-0001-0001	MINE SITE FUEL SYSTEM TYPICAL VERTICAL TANK DETAILS
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	

REG. PROFESSIONAL

REVISIONS

DRAWING APPROVAL STATUS: Approved for Construction

SCALE 1:400 OR AS NOTED	DWG. No. H353004-10000-260-272-0007-0001	REV 0
-------------------------------	---	----------



 HATCH™		VENDOR DATA REVIEW	
Doc Number	E349000-PM004-50-042-0001-001	Sub	03
Date Received			
Review Grade		Next Submittal Status	
☐ C1 – Proceed to next submission & status ☐ C2 – Proceed with exceptions as noted to next submission & status ☐ C3 – Do not proceed, revise as noted & resubmit		☐ Internal Review ☐ Certified Final ☐ Final ☐ As-Built	
		Next Submittal Date:	
☒ No further submission required - Complete ☒ C4 - No further submission required - Cancelled No further submission required - Superseded		☒ ☐ ☐	
Package Coordinator: Name, signature and Date:  ERB Eric Bond July 16 th / 13			
REVIEWED ONLY FOR GENERAL CONFORMITY WITH THE SPECIFICATIONS. ACCEPTANCE BY THE ENGINEER DOES NOT WARRANT OR REPRESENT THAT THE INFORMATION CONTAINED ON THIS DRAWING/DOCUMENT IS EITHER ACCURATE OR COMPLETE. THE SOLE RESPONSIBILITY FOR CORRECT DESIGN, DETAILS & DIMENSIONS SHALL REMAIN WITH THE PARTY SUBMITTING THE DRAWING/DOCUMENT.			

