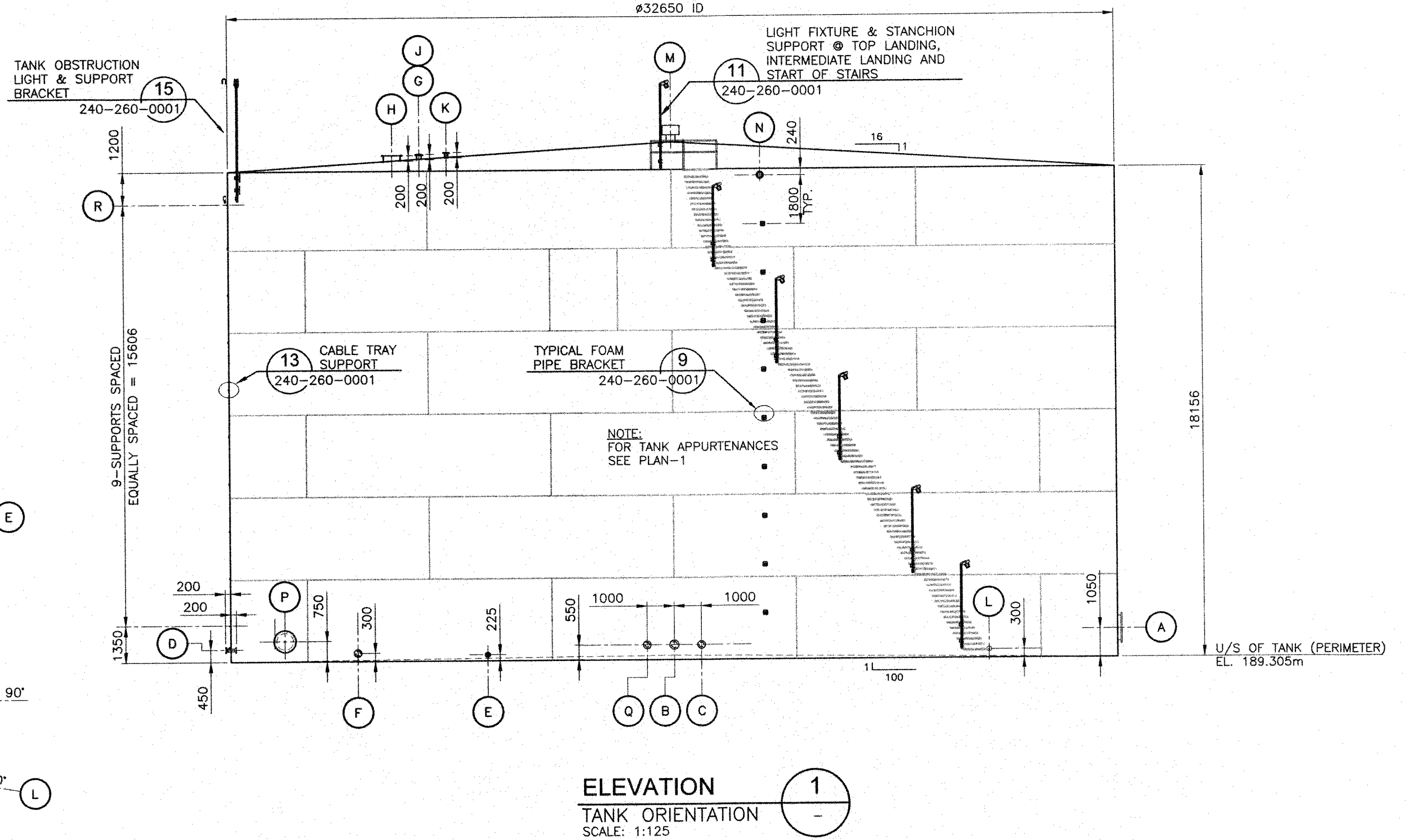
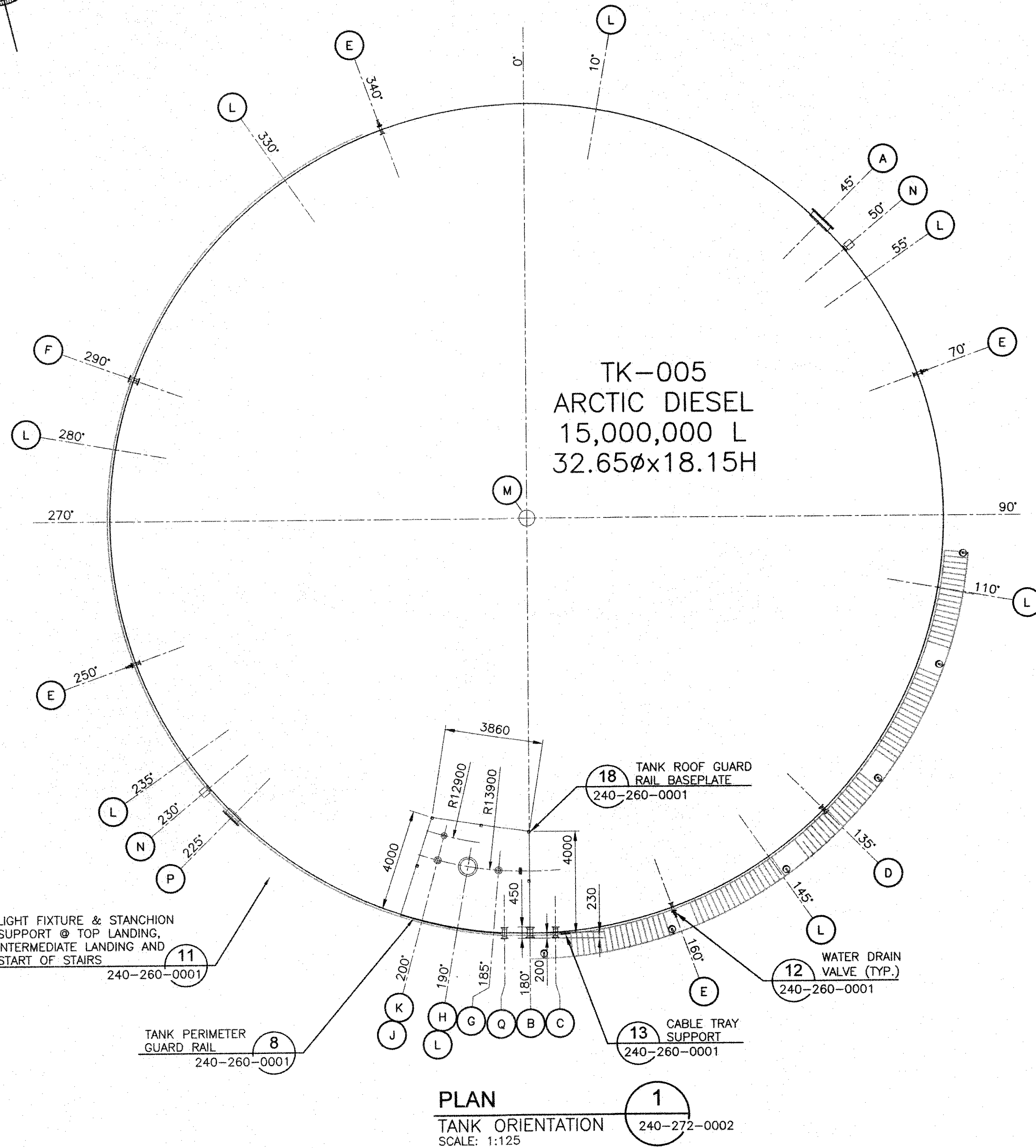
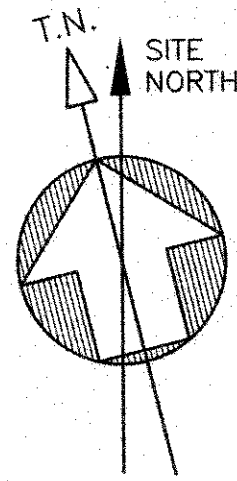


**ATTACHMENT 13**  
**FUEL TANK DRAWINGS**



TANK APPURTENANCES						
ITEM NO.	SERVICE	SIZE	RATING	TYPE	REMARKS	REFERENCE DETAIL
A 1	SHELL MANWAY	915 (36")	API 650	FF	API 650 FIG. 5-7A	DET. 1, DWG: 240-260-0001
B 1	TANK SUNCTION	203 (8")	CLASS 150	RF WELD NECK	DOUBLE FLANGED /W 25mm SW HALF COUPLING ON EXTERIOR NOZZLE	N/A
C 1	TANK FILL	150 (6")	CLASS 150	RF WELD NECK	DOUBLE FLANGED /W 25mm SW HALF COUPLING ON EXTERIOR NOZZLE	N/A
D 1	SPARE SHELL NOZZLE	100 (4")	CLASS 150	RF WELD NECK	DOUBLE FLANGED	N/A
E 4	WATER DRAIN NOZZLE	75 (3")	CLASS 150	RF WELD NECK	FLANGED	DET. 12, DWG: 240-260-0001
F 1	SPARE SHELL NOZZLE	150 (6")	CLASS 150	RF WELD NECK	FLANGED w/ BLIND FLANGE	N/A
G 1	GAUGE HATCH	150 (6")	CLASS 150	RF SLIP ON	FLANGED	DET. 3, DWG: 240-260-0001
H 1	ROOF MANWAY c/w EMERGENCY VENT	610 (24")	API 650	FF	C/W COVER	DET. 5, DWG: 240-260-0001
J 1	RADAR GAUGE	150 (6")	CLASS 150	RF SLIP ON	SINGLE FLANGE	DET. 2, DWG: 240-260-0001
K 1	ROOF NOZZLE (OVERFILL PROBE)	100 (4")	CLASS 150	RF SLIP ON	BLIND FLANGED	DET. 4, DWG: 240-260-0001
L 8	GROUNDING LUGS					DET. 7, DWG: 240-260-0001
M 1	ROOF VENT	305# (12")		NOZZLE		DET. 8, DWG: 240-260-0001
N 2	FOAM CONNECTION NOZZLE	150 (6")		STUD PAD	STUD PAD	DET. 10, DWG: 240-260-0001
P 1	SHELL MANWAY	610 (24")	API 650	FF	API 650 FIG. 5-7A	DET. 1, DWG: 240-260-0001
Q 1	TANK DRAW DOWN	150 (6")	CLASS 150	RF	DOUBLE FLANGED	DET. 14, DWG: 240-260-0001
R 10	CABLE TRAY SUPPORT					DET. 13, DWG: 240-260-0001

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

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HATCH

Baffinland

MARY RIVER EXPANSION PROJECT  
BAFFINLAND IRON MINES LP

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

0 ISSUED FOR CONSTRUCTION  
A ISSUED FOR PARALLEL REVIEW

DESCRIPTION

REVISIONS

DRAFTSPERSON	H. P. CURRIE	NR	18-07-04
DESIGNER	K. MacLEAN	NR	18-07-04
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>	11/07/25
LEAD DISC. ENG.	K. MacLEAN	<i>K. MacLean</i>	11/07/25
ENG. MANAGER	D. STANGER	<i>D. Stanger</i>	11/07/25
PROJ. MANAGER	T. ATIBA	<i>T. Atiba</i>	11/07/25
CLIENT			

DRAWING APPROVAL STATUS: Approved for Construction

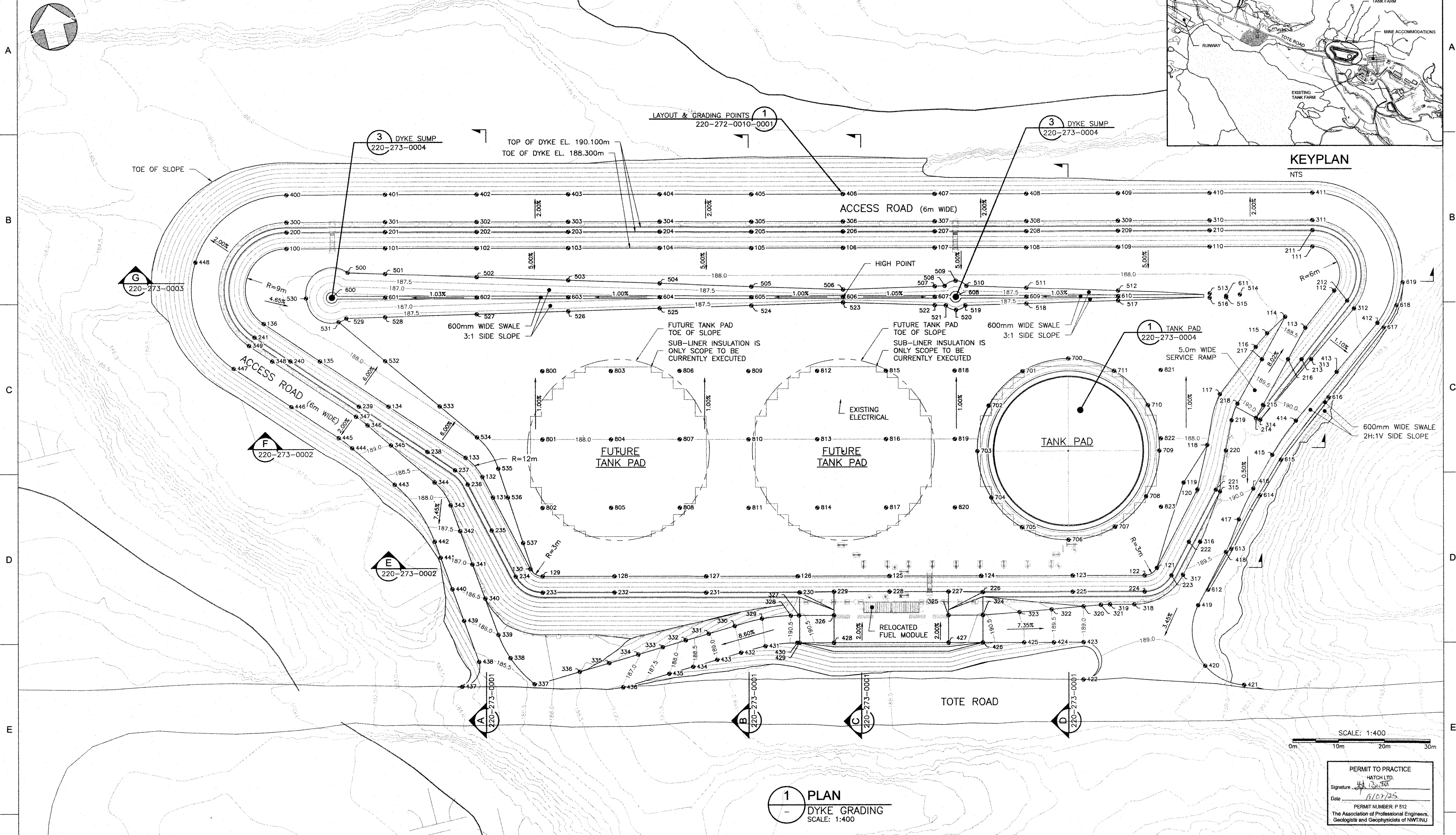
SCALE  
AS NOTED  
OR AS NOTED

DWG. No.  
H353004-10000-240-270-0001-0001

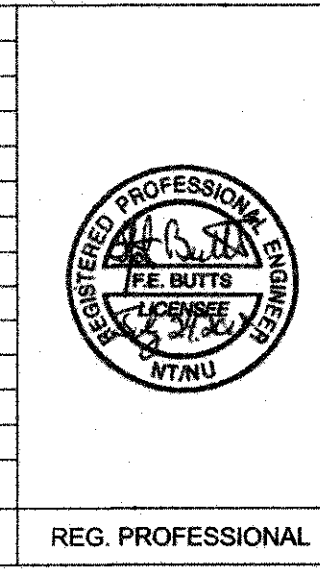
REV  
0

SHEET SIZE: A1





H353004-10000-220-272-0010-0001	MINE SITE TANK FARM LAYOUT & GRADING POINTS
H353004-10000-220-273-0004-0001	MINE SITE DYKE SECTIONS & DETAILS
H353004-10000-220-273-0003-0001	MINE SITE TANK FARM DYKE SECTION G
H353004-10000-220-273-0002-0001	MINE SITE TANK FARM DYKE SECTIONS E & F
H353004-10000-220-273-0001-0001	MINE SITE TANK FARM DYKE SECTIONS A TO D
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	



ISSUED FOR CONSTRUCTION	
0	ISSUED FOR CONSTRUCTION
A	ISSUED FOR REVIEW
No.	DESCRIPTION
REVISIONS	

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DRAFTSPERSON	S. SKINNER	NR	18-07-06
DESIGNER	K. MacLEAN	NR	18-07-06
CHECKER	M. MacINTYRE	18107125	18107125
DESIGN COORD.	M. MacINTYRE	18107125	18107125
RESP. ENG.	F. BUTTS	18107125	18107125
LEAD DISC. ENG.	K. MacLEAN	18107125	18107125
ENG. MANAGER	D. STANGER	18107125	18107125
PROJ. MANAGER	T. ATIBA	18107125	18107125
CLIENT			
ROLE	NAME	SIGNATURE	DATE
DRAWING APPROVAL STATUS: Approved for Construction			

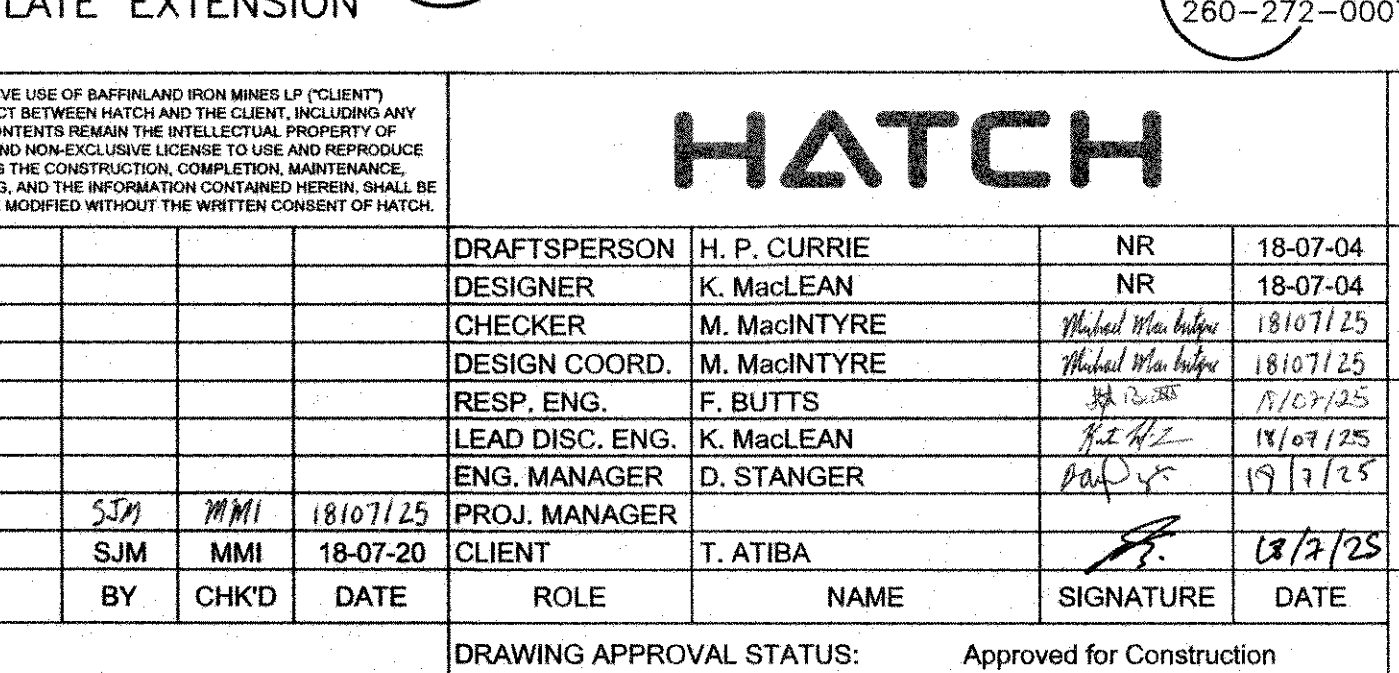
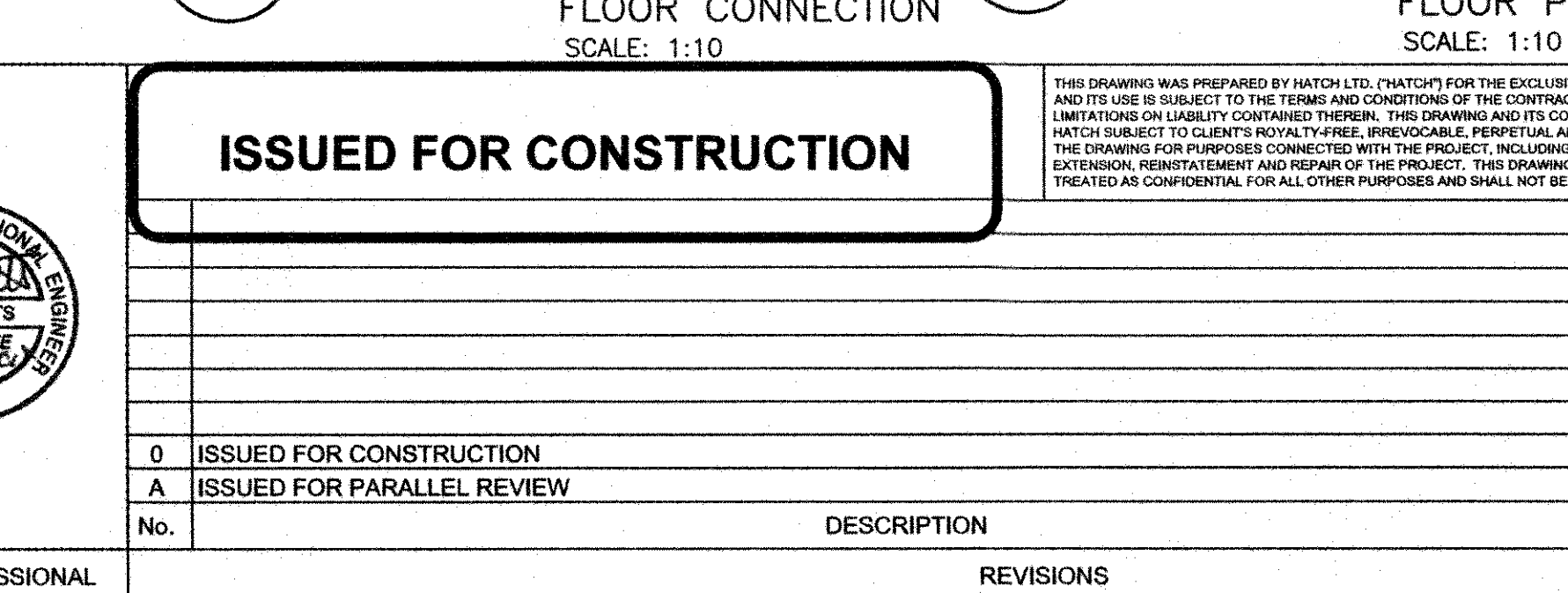
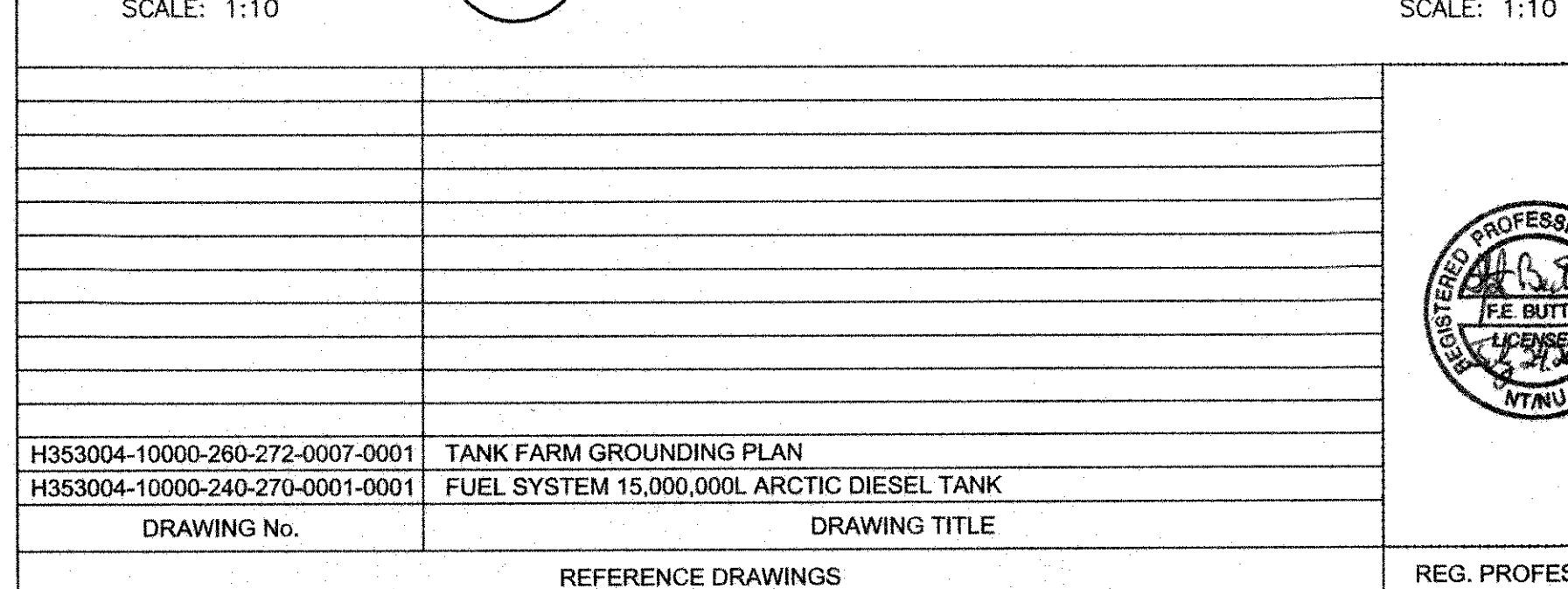
SCALE	DWG. No.	REV
1:400 OR AS NOTED	H353004-10000-220-272-0009-0001	0

MARY RIVER EXPANSION PROJECT  
BAFFINLAND IRON MINES LP

MINE SITE  
TANK FARM GRADING  
PLAN

SHEET SIZE: A1

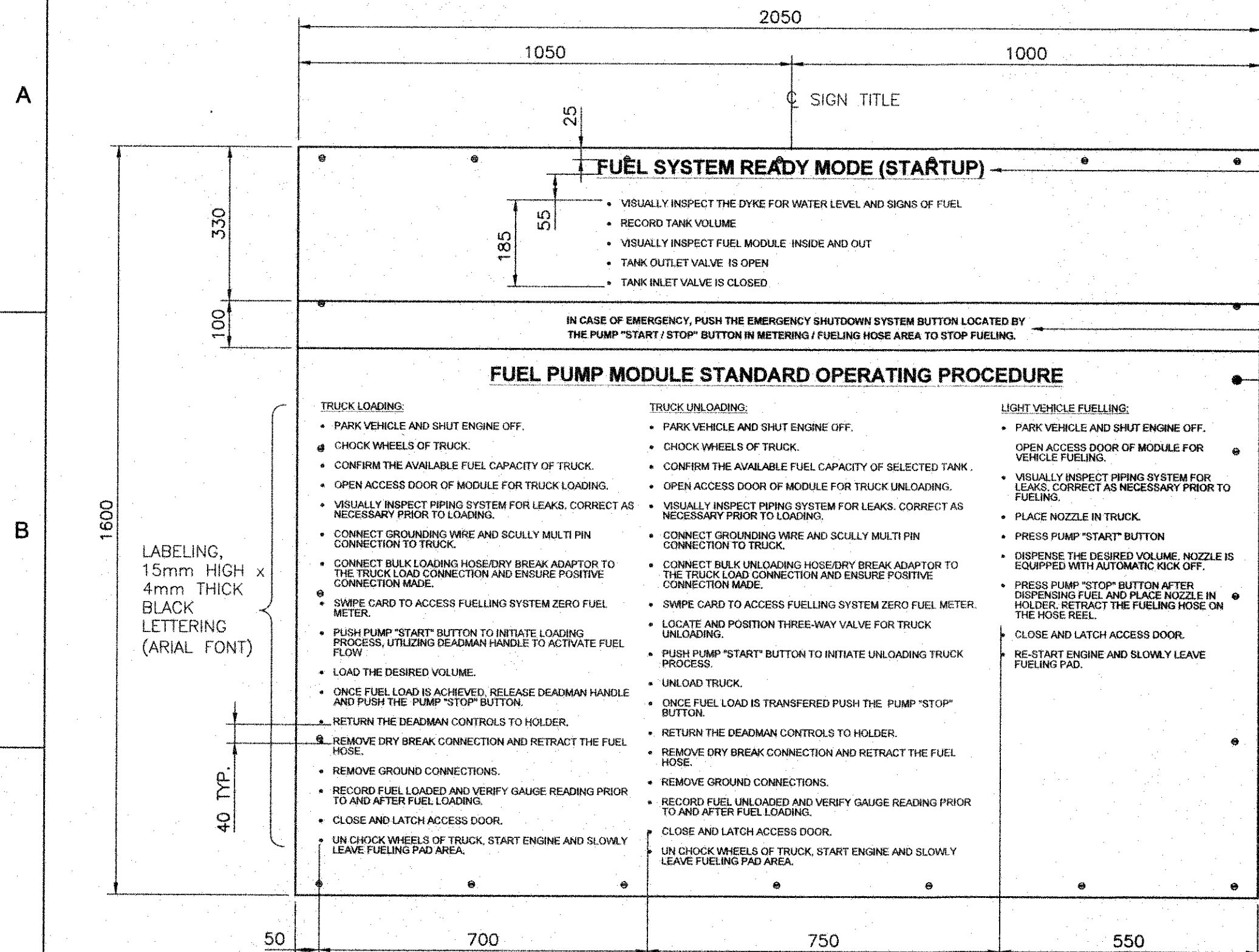




E: A1

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





DETAIL  
FUEL PUMP MODULE STANDARD  
OPERATING PROCEDURE SIGN  
SCALE: 1:10

240-260-0003

LABELING, 30mm HIGH x  
6mm THICK RED LETTERING  
(ARIAL FONT)

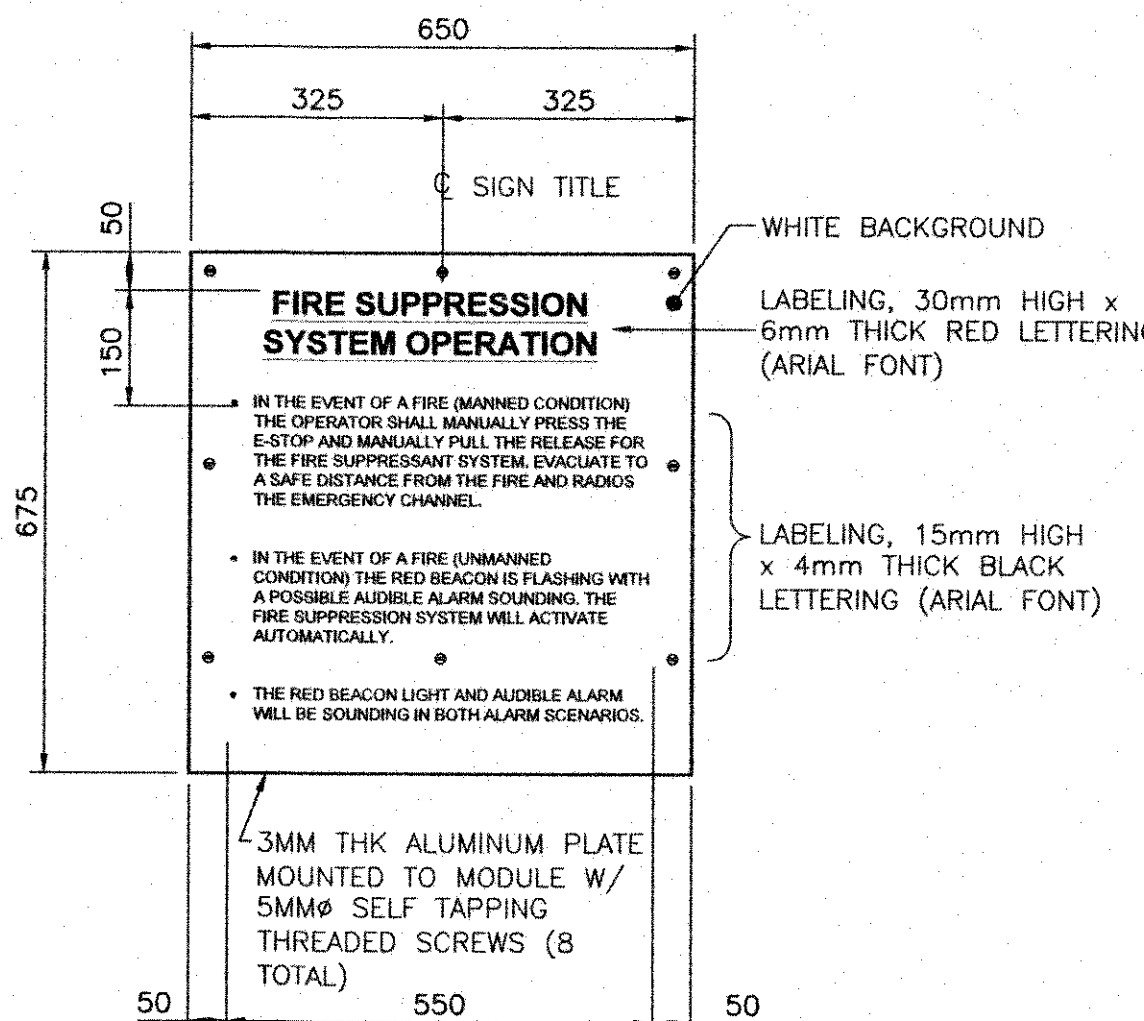
LABELING, 15mm HIGH x  
4mm THICK BLACK  
LETTERING (ARIAL FONT)

BOLD RED LETTERING  
CENTERED IN SPACE

WHITE BACKGROUND, TYPICAL

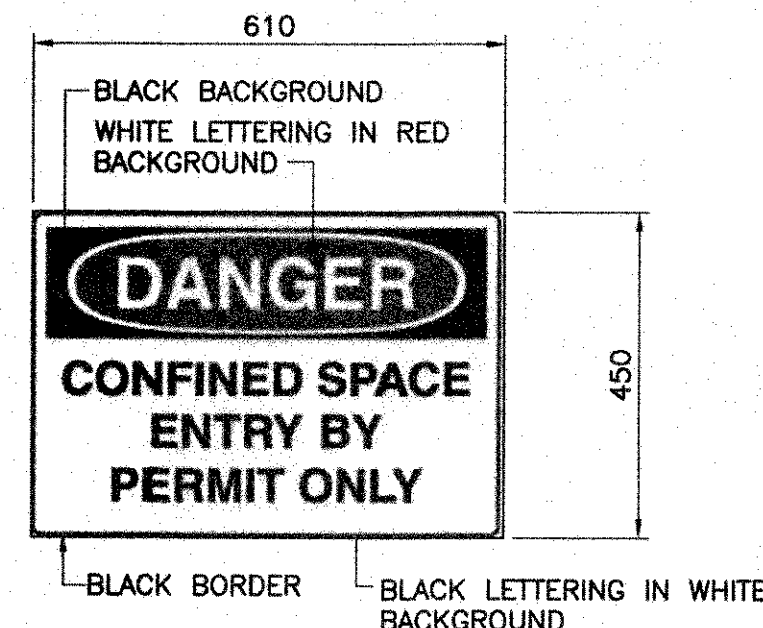
LABELING, 15mm HIGH x  
4mm THICK BLACK  
LETTERING (ARIAL FONT)

3MM THK ALUMINUM PLATE  
MOUNTED TO MODULE W/  
5MMØ SELF TAPPING  
THREADED SCREWS (22  
TOTAL)



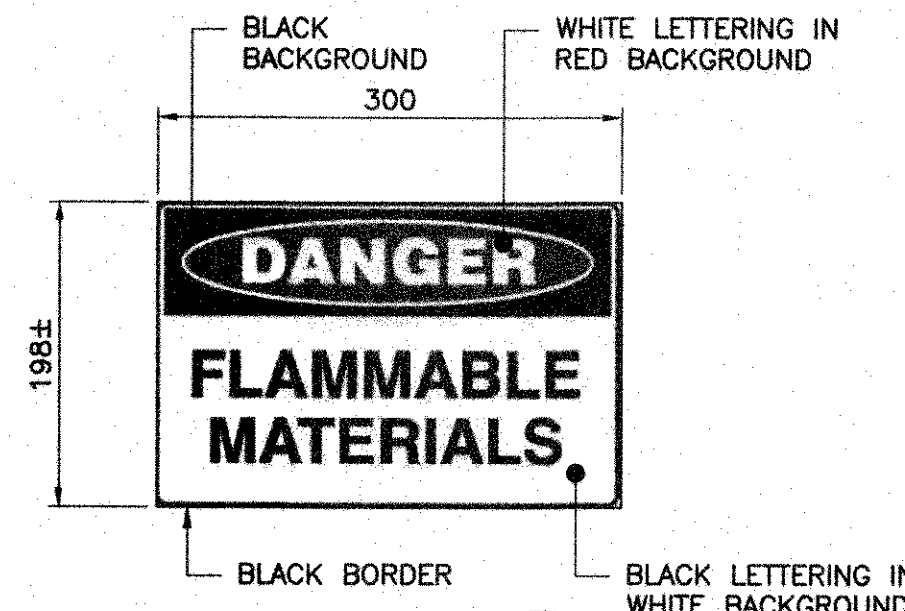
DETAIL  
SYSTEM FIRE PROCEDURE SIGN -  
FUELING MODULE  
SCALE: 1:10

240-260-0003



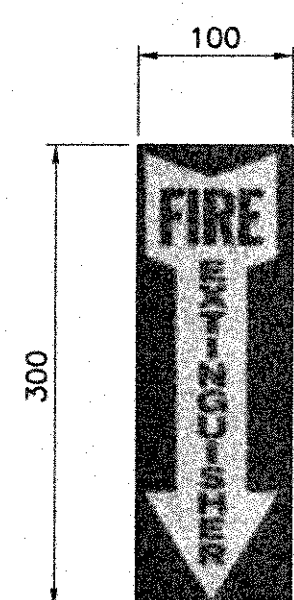
DETAIL  
CONFINED SPACE ENTRY SIGN  
(2 REQUIRED - 1 PER TANK MAN WAY)  
SCALE: 1:10

240-260-0002



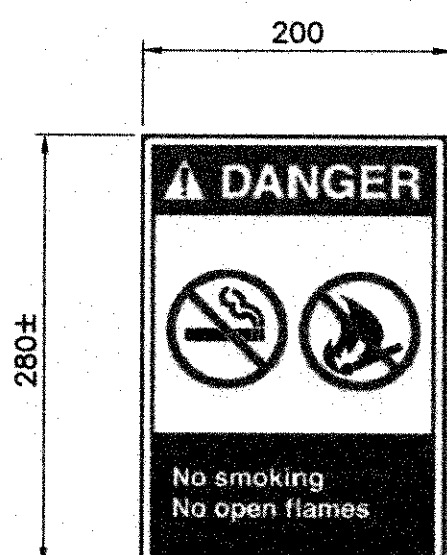
DETAIL  
FLAMMABLE STORAGE SIGN  
(4 REQUIRED)  
SCALE: 1:5

240-260-0002



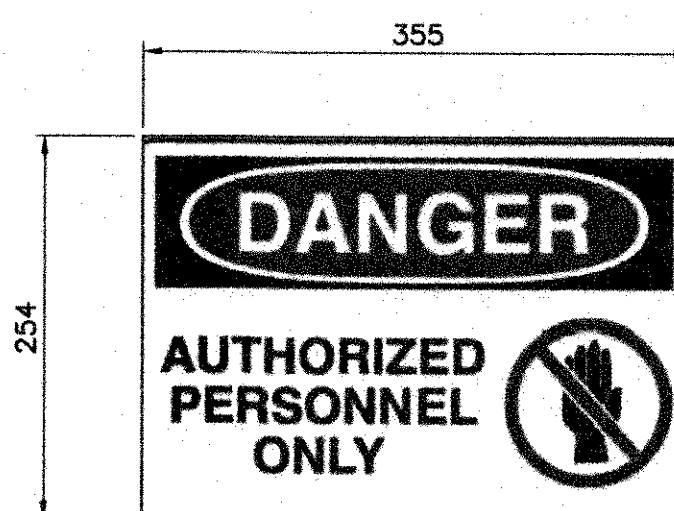
DETAIL  
FIRE EXTINGUISHER SIGN  
SCALE: 1:5

240-260-0003



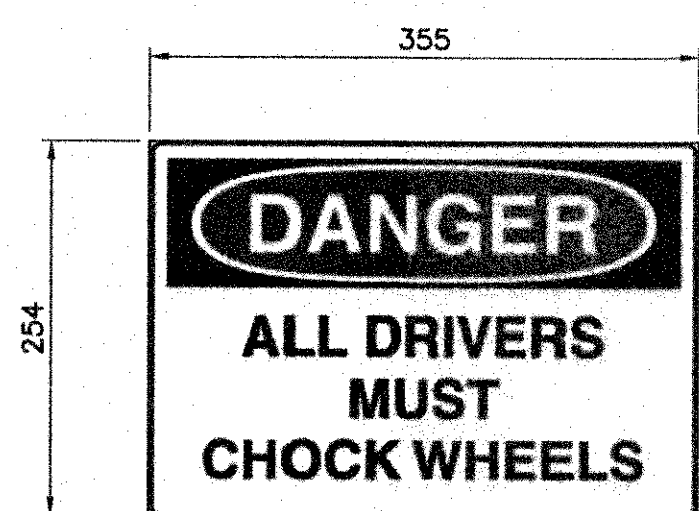
DETAIL  
NO SMOKING OR  
OPEN FLAME  
SCALE: 1:5

240-260-0002



DETAIL  
AUTHORIZED  
PERSONNEL  
SIGN  
SCALE: 1:5

240-260-0002



DETAIL  
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.

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

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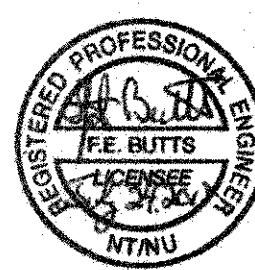
HATCH

Baffinland

MARY RIVER EXPANSION PROJECT  
BAFFINLAND IRON MINES LP

MINE SITE  
TANK FARM  
OPERATING PROCEDURES SIGNAGE

H353004-10000-240-260-0003-0001	MINE SITE TANK FARM MODULE & PIPING SIGNAGE
H353004-10000-240-260-0002-0001	MINE SITE TANK FARM TK-005 ARCTIC DIESEL TANK SIGNAGE
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	REG. PROFESSIONAL



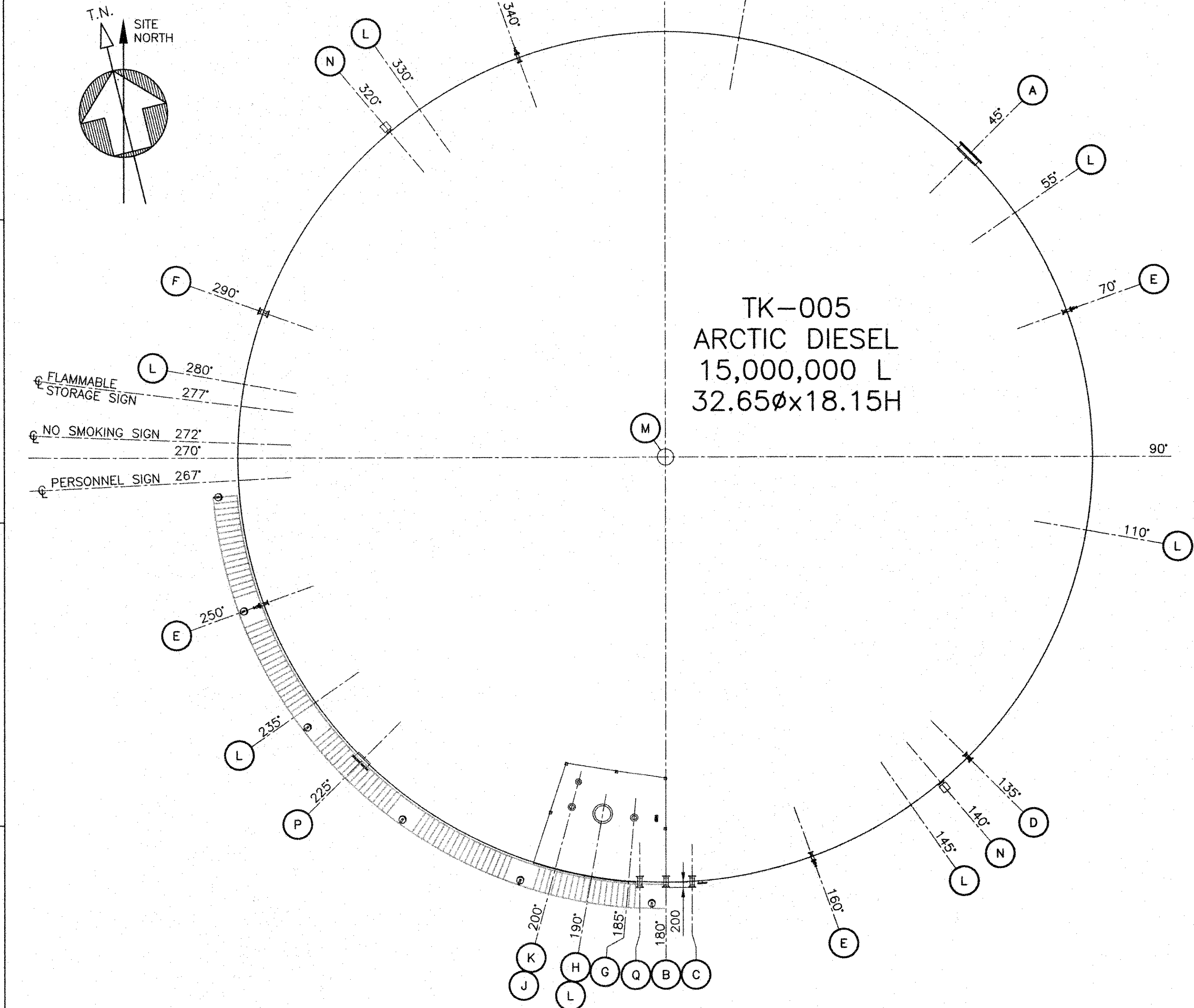
No.	DESCRIPTION	BY	CHK'D	DATE
0	ISSUED FOR CONSTRUCTION	SJM	MMI	18/07/25
A	ISSUED FOR PARALLEL REVIEW			

ROLE	NAME	SIGNATURE	DATE
DRAFTSPERSON	S. J. McNEIL		18-07-06
DESIGNER	K. MacLEAN		18-07-06
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.	F. BUTTS	<i>[Signature]</i>	18/07/25
ENG. MANAGER	D. STANGER	<i>[Signature]</i>	18/07/25
PROJ. MANAGER	T. ATIBA	<i>[Signature]</i>	18/07/25
CLIENT			

SCALE AS NOTED OR AS NOTED	DWG. No. H353004-10000-240-260-0004-0001	REV 0
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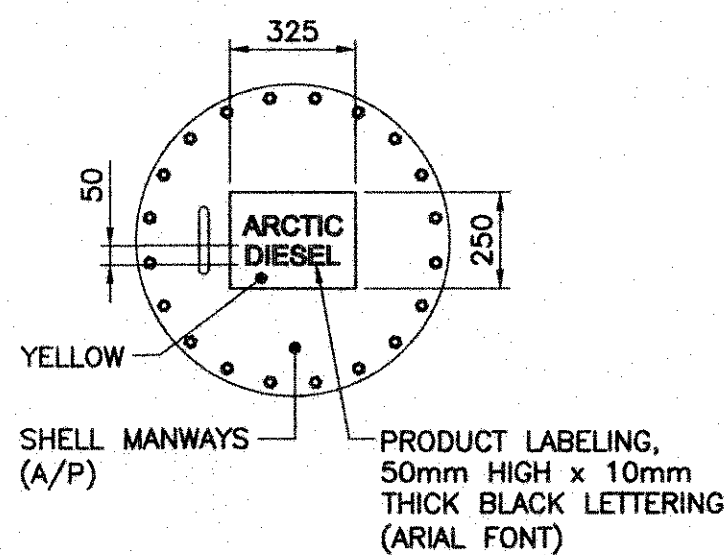


A  
B  
C  
D  
E  
F

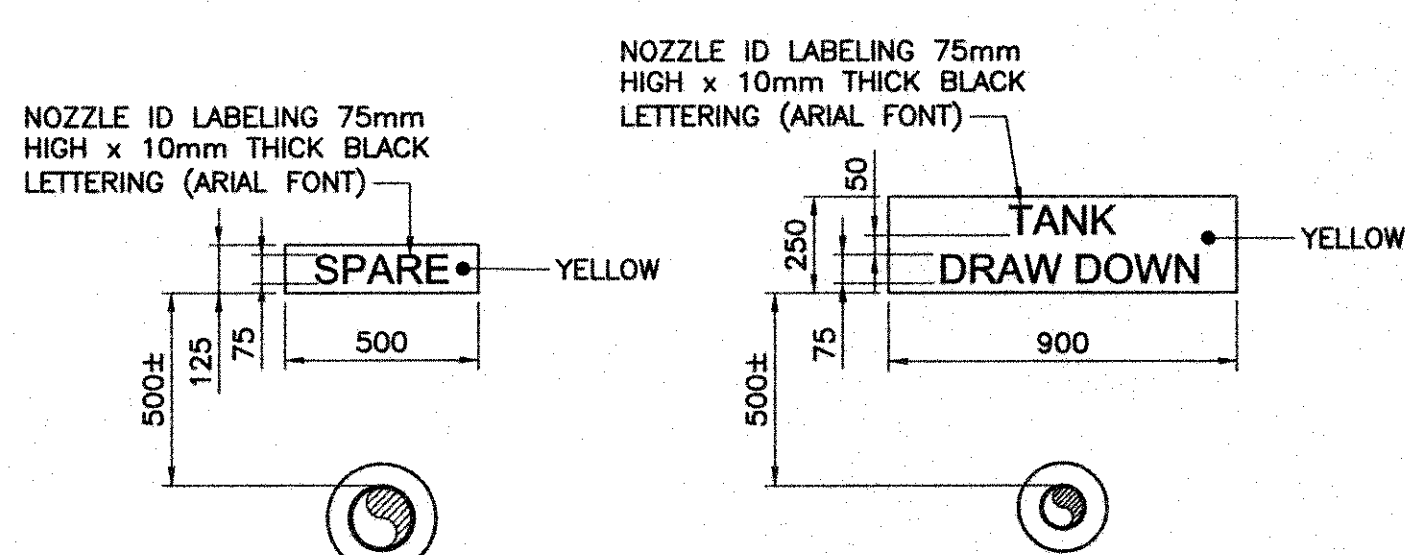


PLAN  
TANK ORIENTATION  
SCALE: 1:125

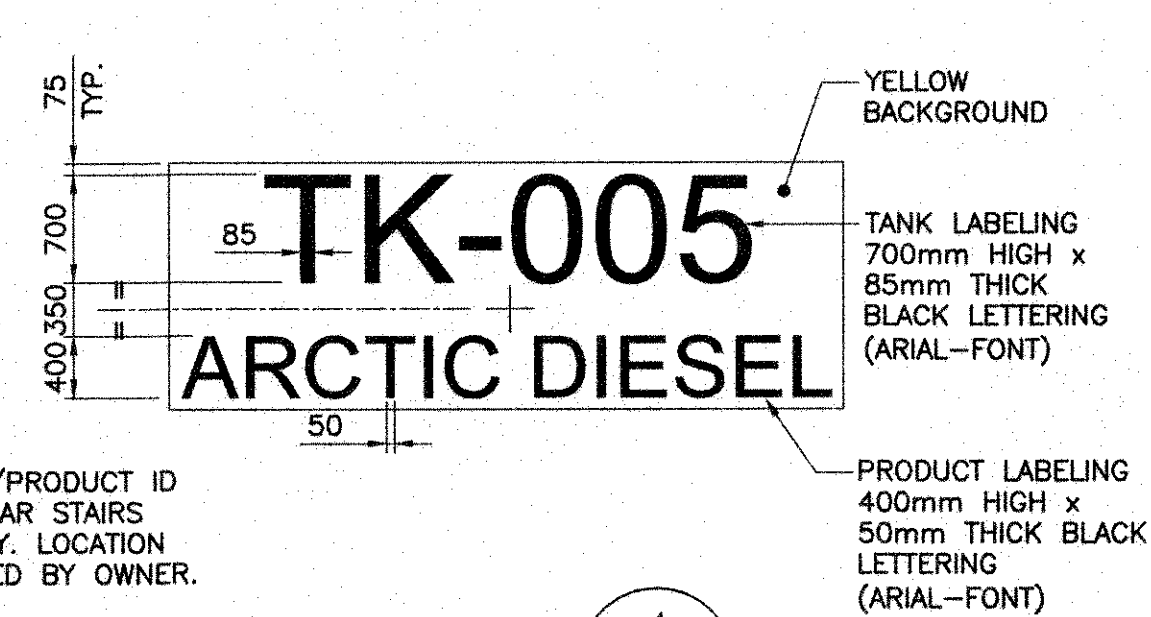
TANK NOZZLE IDENTIFICATION CHART				
IDENTIFICATION LABEL	NOZZLE LOCATION	TEXT SIZE (MM)	TEXT COLOR	APPURTENANCE ITEM
MANWAY	SHELL	75x10	YELLOW	A/P
TANK SUCTION	SHELL	75x10	YELLOW	B
TANK FILL	SHELL	75x10	YELLOW	C
SPARE	SHELL	75x10	YELLOW	D
WATER DRAIN	SHELL	75x10	YELLOW	E
SPARE	SHELL	75x10	YELLOW	F
GAUGE 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

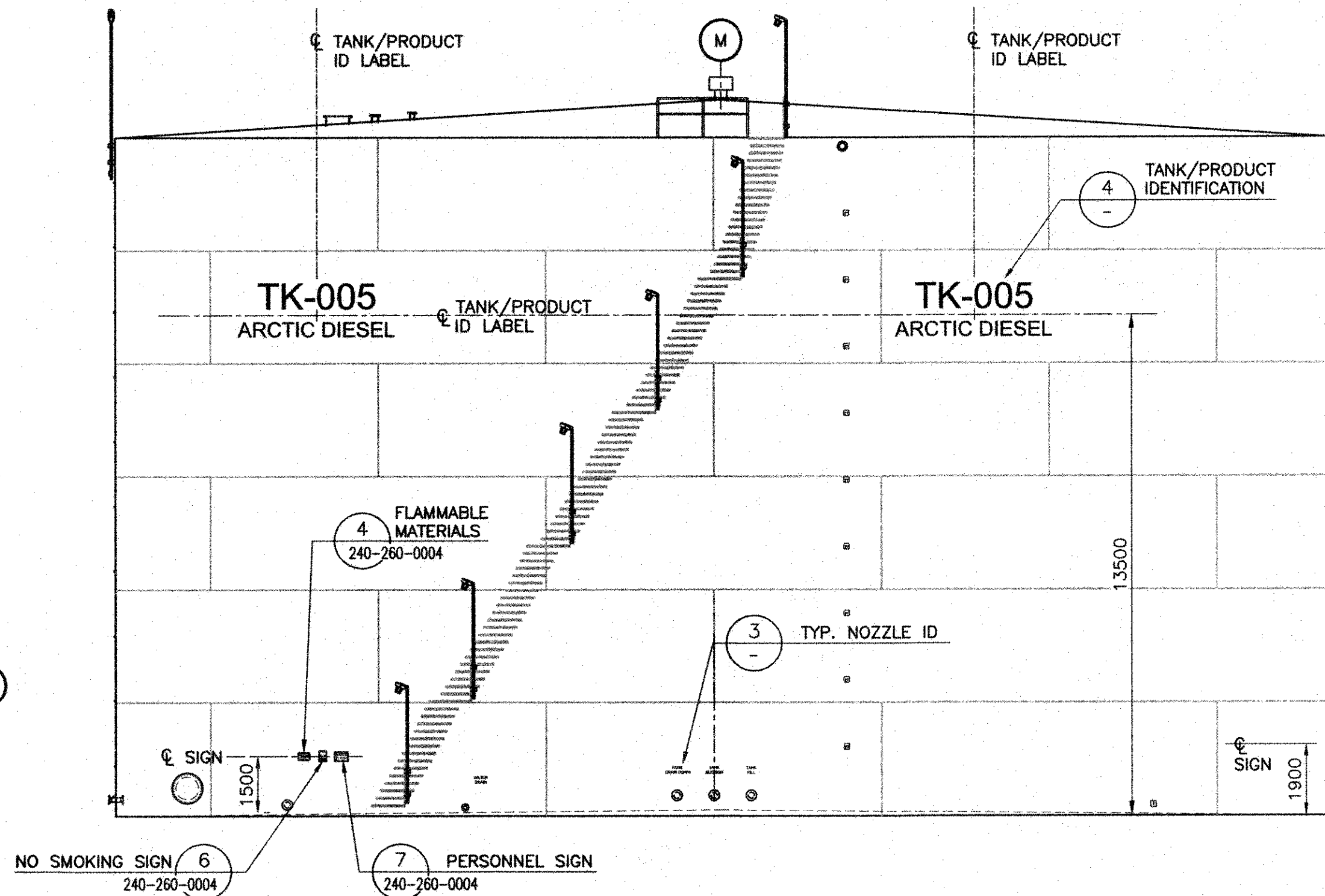


DETAIL  
TYP. NOZZLE ID  
SCALE: 1:20



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

DETAIL  
TANK/PRODUCT ID  
SCALE: 1:50



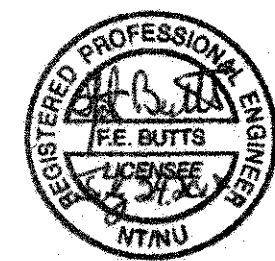
ELEVATION  
TANK ORIENTATION  
SCALE: 1:125

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

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

DRAWING No.	DRAWING TITLE
-------------	---------------

REFERENCE DRAWINGS



REG. PROFESSIONAL

ISSUED FOR CONSTRUCTION

0	ISSUED FOR CONSTRUCTION	SJM	MMI	18/07/25
A	ISSUED FOR PARALLEL REVIEW	SJM	MMI	18-07-20

No.	DESCRIPTION	BY	CHK'D	DATE
-----	-------------	----	-------	------

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DRAFTSPERSON	S. J. McNEIL	NR	18-07-04
DESIGNER	K. MacLEAN	NR	18-07-04
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.	F. BUTTS	18/07/25	18/07/25
ENG. MANAGER	D. STANGER	18/07/25	18/07/25
PROJ. MANAGER	T. ATIBA	18/07/25	18/07/25
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  
TK-005 ARCTIC DIESEL TANK SIGNAGE

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

SHEET SIZE: A1