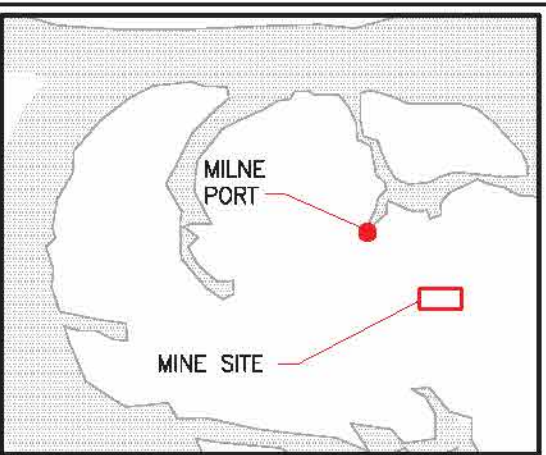
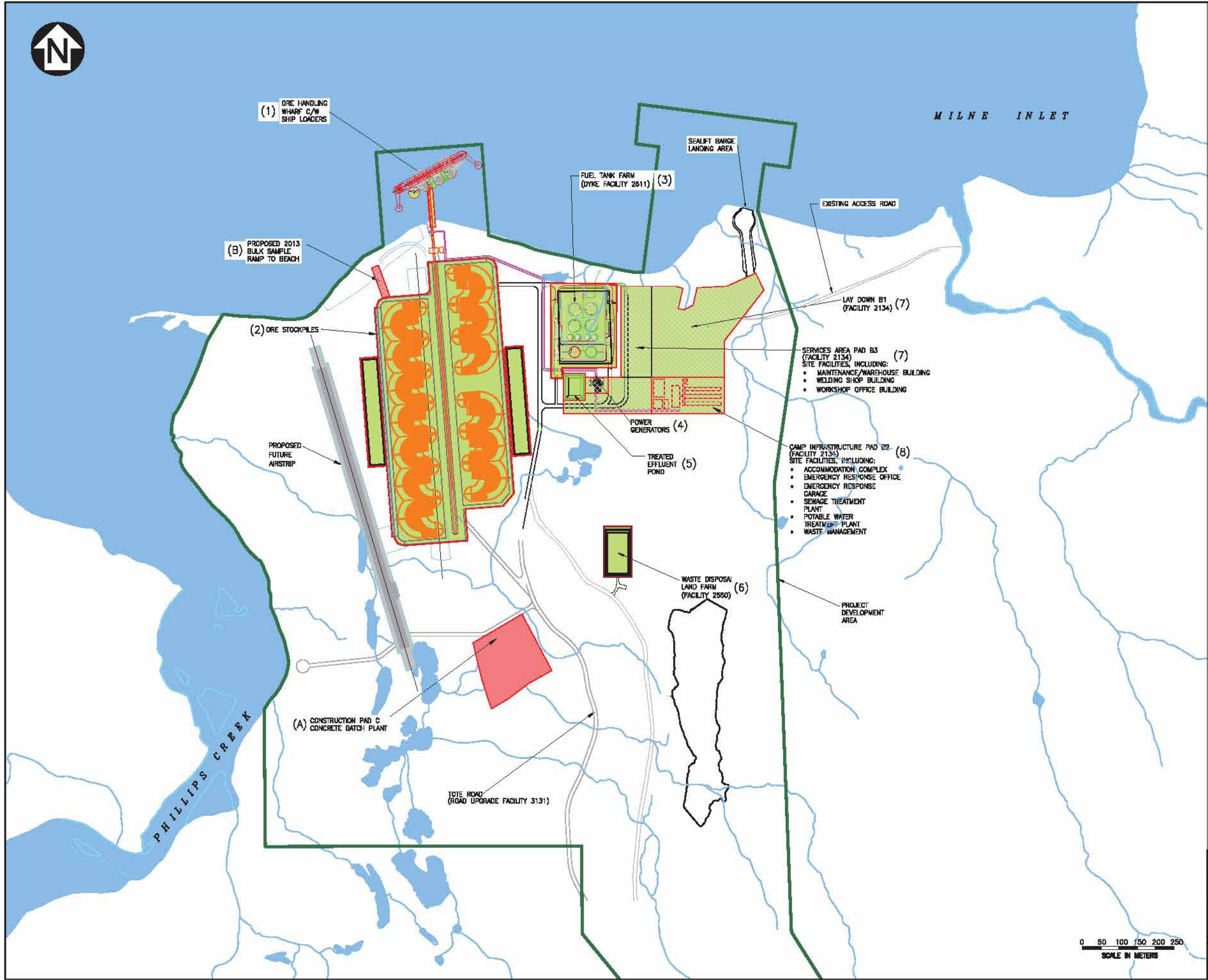
	<b>Interim Closure and Reclamation Plan</b>	<b>Issue Date:</b> April 2021 <b>Revision:</b> For review purposes only	Page 257 of 455
	<b>Sustainable Development</b>	<b>Document #: BAF-PH1-830-P16-0012</b>	

# **Appendix A** **Preliminary Mine Closure and Reclamation** **Plan Drawings**



RECLAMATION AREA - AFTER CONSTRUCTION

AREA ID	m²
A	31,697
B	1,895
TOTAL	33,432

RECLAMATION AREA - AFTER OPERATION

AREA ID	m²
1	4600
2	287,770
3	42,630
4	2,780
5	4,450
6	10,500
7	116,730
8	20,000
TOTAL	451,480

LEGEND:

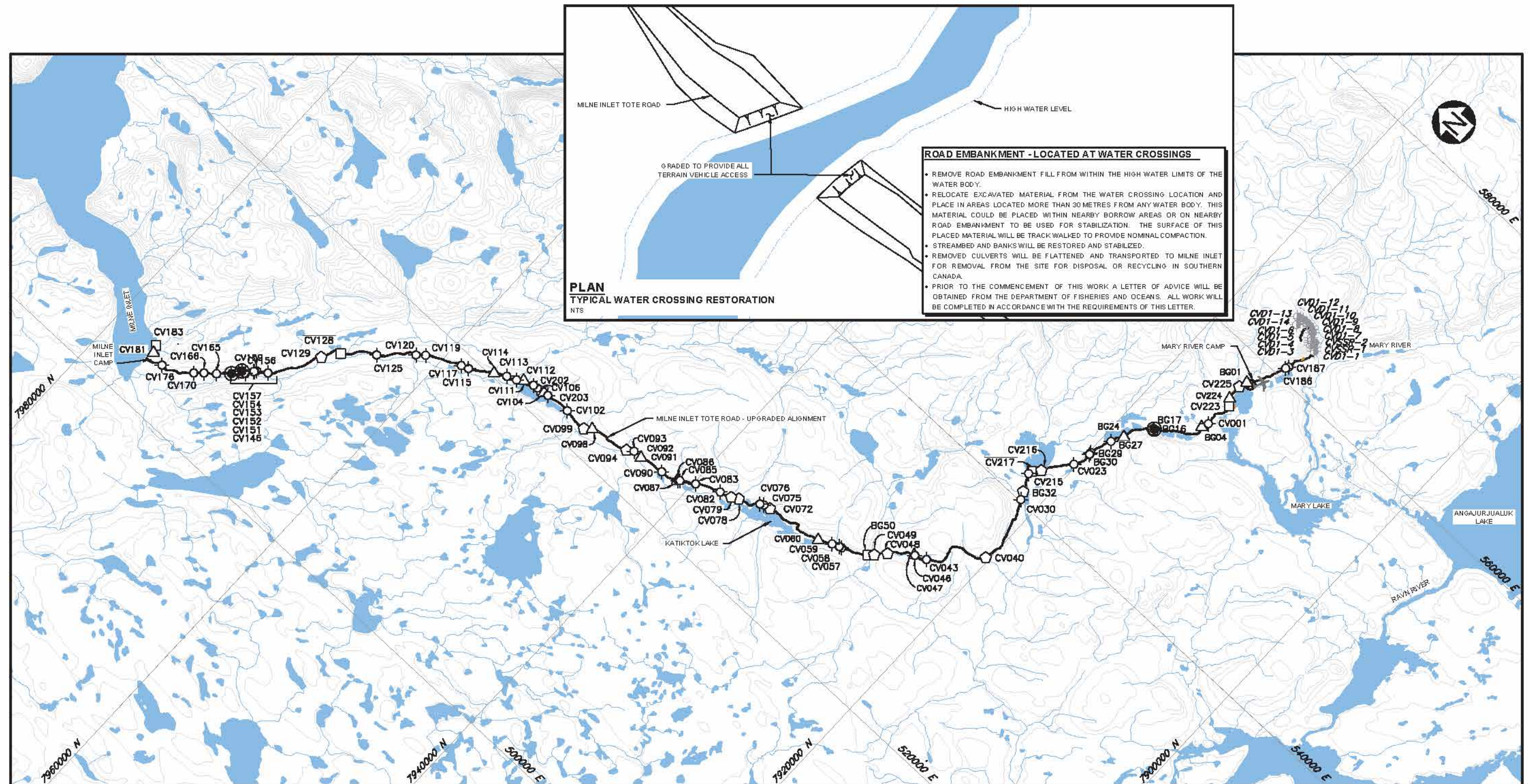
( ) RECLAMATION AREA ID

RECLAMATION AREA - AFTER CONSTRUCTION

RECLAMATION AREA - AFTER OPERATION












**PLAN**  
TYPICAL WATER CROSSING RESTORATION  
NTS

**ROAD EMBANKMENT - LOCATED AT WATER CROSSINGS**

- REMOVE ROAD EMBANKMENT FILL FROM WITHIN THE HIGH WATER LIMITS OF THE WATER BODY.
- RELOCATE EXCAVATED MATERIAL FROM THE WATER CROSSING LOCATION AND PLACE IN AREAS LOCATED MORE THAN 30 METRES FROM ANY WATER BODY. THIS MATERIAL COULD BE PLACED WITHIN NEARBY BORROW AREAS OR ON NEARBY ROAD EMBANKMENT TO BE USED FOR STABILIZATION. THE SURFACE OF THIS PLACED MATERIAL WILL BE TRACK WALKED TO PROVIDE NOMINAL COMPACTION.
- STREAMBED AND BANKS WILL BE RESTORED AND STABILIZED.
- REMOVED CULVERTS WILL BE FLATTENED AND TRANSPORTED TO MILNE INLET FOR REMOVAL FROM THE SITE FOR DISPOSAL OR RECYCLING IN SOUTHERN CANADA.
- PRIOR TO THE COMMENCEMENT OF THIS WORK A LETTER OF ADVICE WILL BE OBTAINED FROM THE DEPARTMENT OF FISHERIES AND OCEANS. ALL WORK WILL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS LETTER.

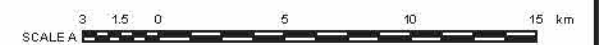
**LEGEND:**

-  WATER  
 MILNE INLET TOTE ROAD - UPDATED ALIGNMENT  
 AIRSTRIP  
 EXPLORATION CAMP LOCATION  
 CULVERT LOCATION

-  EXTRA SMALL CROSSING  
 SMALL CROSSING  
 MEDIUM CROSSING  
 LARGE CROSSING  
 EXTRA LARGE CROSSING

NOTES:

1. COORDINATE GRID IS UTM (NAD83) ZONE 17.
2. BASE MAP: © HER MAJESTY THE QUEEN IN RIGHT OF CANADA, DEPARTMENT OF NATURAL RESOURCES, (2004). ALL RIGHTS RESERVED.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL VARIES.
4. MILNE INLET TOTE ROAD ALIGNMENT SURVEY PROVIDED BY GENIVAR (SURVEY COMPLETED IN JULY 2008).
5. NOT FOR CONSTRUCTION.



BAFFINLAND IRON MINES CORPORATION

MARY RIVER PROJECT

**MILNE INLET TOTE ROAD  
WATER CROSSING RESTORATION**

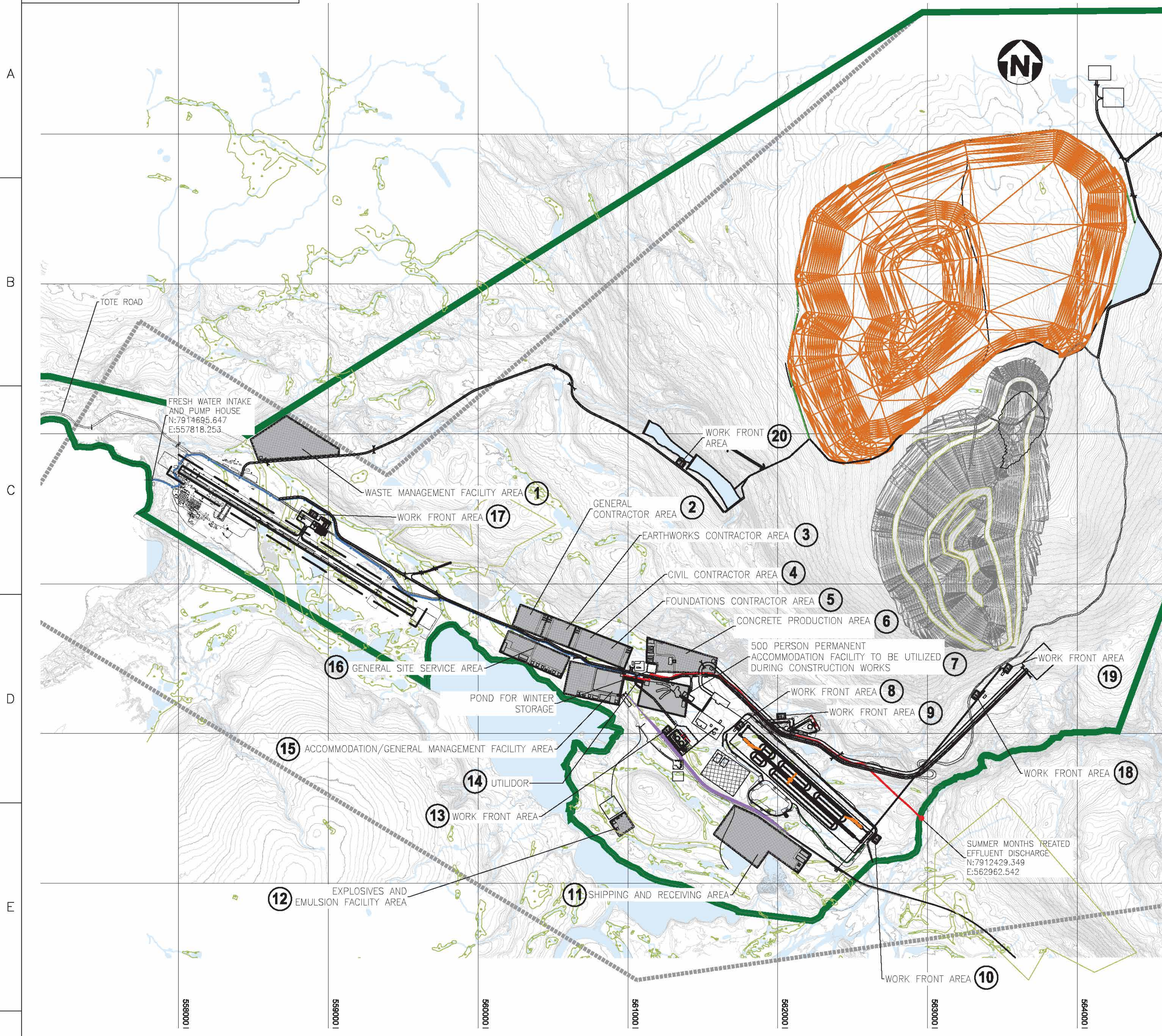
## ***Knight Piésold***

P/A NO. NB102-181/29	REF NO. 1	REV 0
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Oct. 31, 2011 4:03pm Login name: fms51283 Layout: MINE SITE Drawing Name: P:\289880 - Mary River\CAD\Civil\Roads\Reclaim\H337697-4210-07-012-0001.dwg

H337697-4210-07-012-0001  
DWG. NO.



### RECLAMATION AREA - AFTER CONSTRUCTION

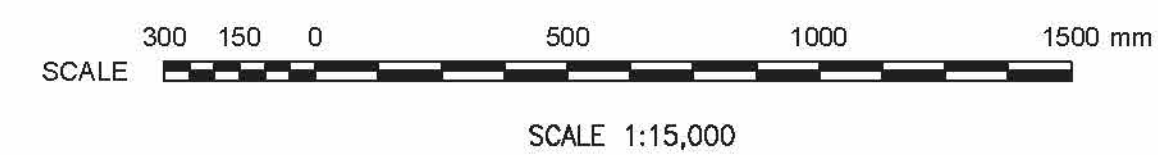
AREA	m <sup>2</sup>
1	102,610
2	30,000
3	30,000
4	30,000
5	30,000
6	71,540
7	63,380
8	1,860
9	1,860
10	1,860
11	133,540
12	132,30
13	1,860
14	2,800
15	81,160
16	66,400
17	1,860
18	1,860
19	1,860
20	1,860
<b>TOTAL</b>	<b>669,540</b>

### LEGENDS:

- RECLAMATION AREA AFTER CONSTRUCTION
- WATER
- WETLAND
- CONSTRUCTION WORKS LAYDOWN AREA
- RIVER/STREAM/DRAINAGE
- RAILWAY ALIGNMENT
- TREATED EFFLUENT PIPELINE
- FRESHWATER PIPELINE
- ACCESS ROAD
- POTENTIAL DEVELOPMENT AREA
- BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND

### NOTES:

- TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
- COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
- CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 10 METRES.
- MINE SITE AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR.
- PROPOSED PERMANENT WORKS LAYOUT SHOWN FOR REFERENCE PURPOSES ONLY. DO NOT USE FOR CONSTRUCTION.



DESIGNED BY A. GRZEGORCZYK DATE	DRAWN BY M. LU DATE
CHECKED BY T. HO DATE	DISCIP. ENGR. J. BINNS DATE
PROJ. DES. COORD. DATE	PROJ. ENGR. DATE
DATE	DATE
PROJ. MGR.	



MARY RIVER PROJECT

PRELIMINARY MINE CLOSURE  
AND RECLAMATION PLAN  
MINE SITE CONSTRUCTION PHASE

SCALE OR AS NOTED	DWG. NO. H337697-4210-07-012-0001	REV. A
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DRAWING NO.	DRAWING TITLE
1	REFERENCE DRAWINGS

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
A	ISSUED FOR INFORMATION				

REV.	ISSUE FOR	AUTH. BY	DATE
A	ENVIRONMENTAL PERMITTING		



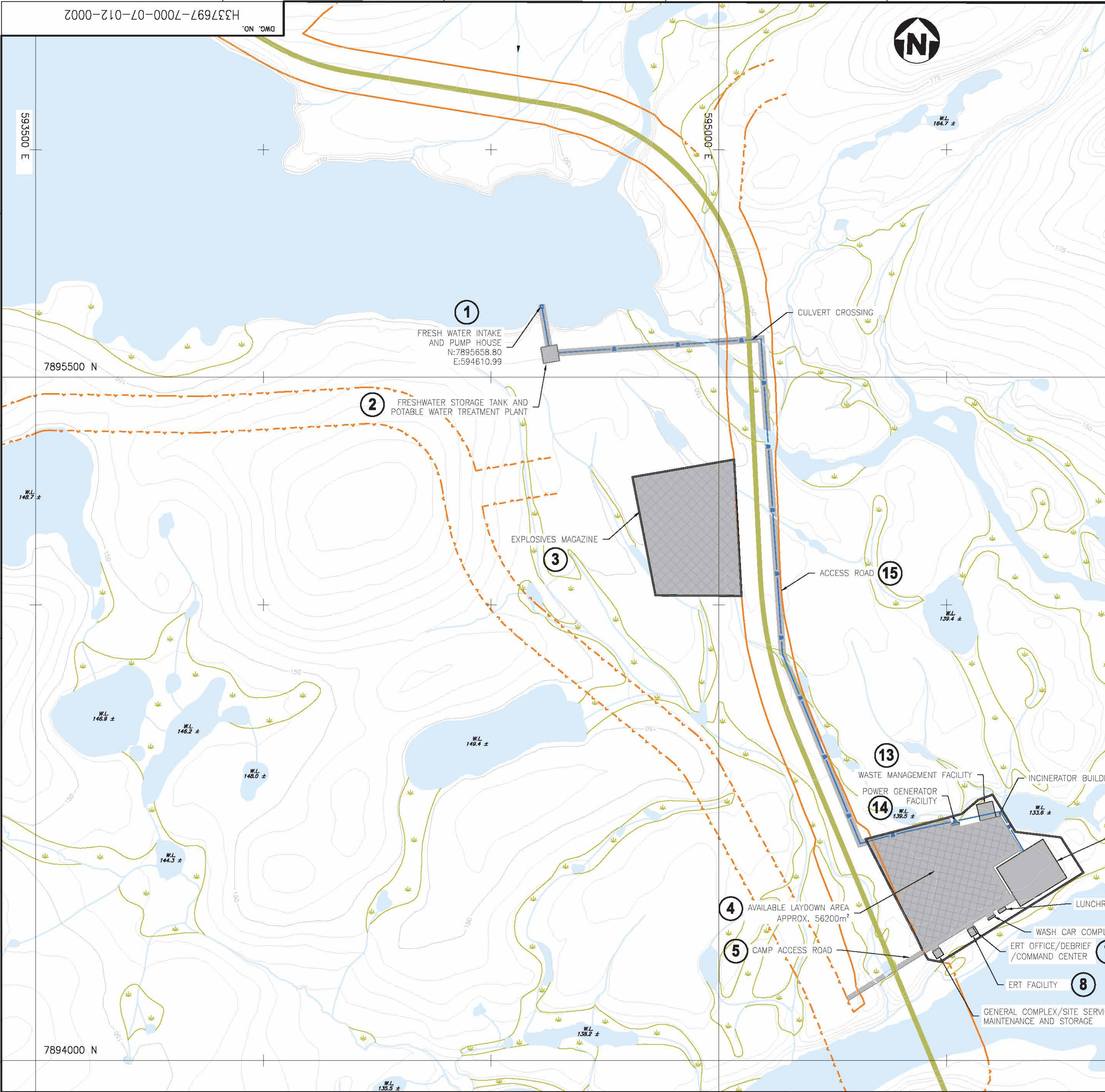








Oct 28 , 2011 , 2:44pm Login name: fun51283 Drawing Name: P:\259980 - Mary River\2AD\Civil\Roads\Reclaim\337697-7000-07-012-0002 - Standard\337697-7000-07-012-0002.dwg Layout: RAVN RIVER CAMP



RECLAMATION AREA - AFTER CONSTRUCTION

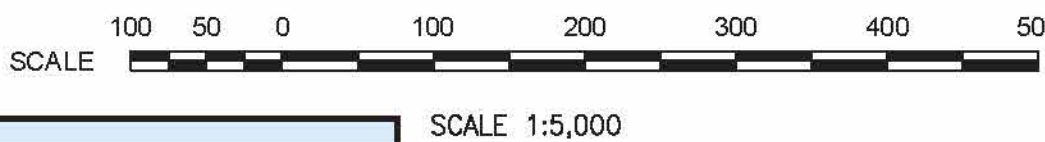
AREA	m²
1	80
2	1,300
3	58,160
4	56,240
5	7,740
6	320
7	70
8	250
9	70
10	130
11	12,000
12	100
13	1,300
14	70
15	15,210
TOTAL	153,040

LEGENDS:

- RECLAMATION AREA AFTER CONSTRUCTION
- WATER
- WETLAND
- PRE-DEVELOPMENT LAYDOWN AREA
- RIVER/STREAM/DRAINAGE
- FUTURE RAILWAY ALIGNMENT

NOTE(S):

- TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
- COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METERS.
- CONTOURS ARE IN METERS. CONTOUR INTERVAL IS 10 METERS.



MARY RIVER PROJECT

PRELIMINARY MINE CLOSURE  
AND RECLAMATION PLAN  
RAVN RIVER RAIL CAMP

SCALE: DWG. NO. 337697-7000-07-012-0002 REV. A



DESIGNED BY  
A. GRZEGORCZYK  
DATE  
CHECKED BY  
T. HO  
DATE  
PROJ. DES. COORD.  
DATE  
PROJ. MGR.  
DATE

DRAWN BY  
D. FUNG  
DATE  
DISCIP. ENGR.  
J. BINNS  
DATE  
PROJ. ENGR.  
DATE

ENVIRONMENTAL PERMITTING  
ISSUE FOR  
AUTH. BY  
DATE

ISSUE AUTHORIZATION

ISSUED FOR INFORMATION  
NO. DESCRIPTION BY CHK'D APP'D DATE

REVISIONS

DRAWING NO. DRAWING TITLE

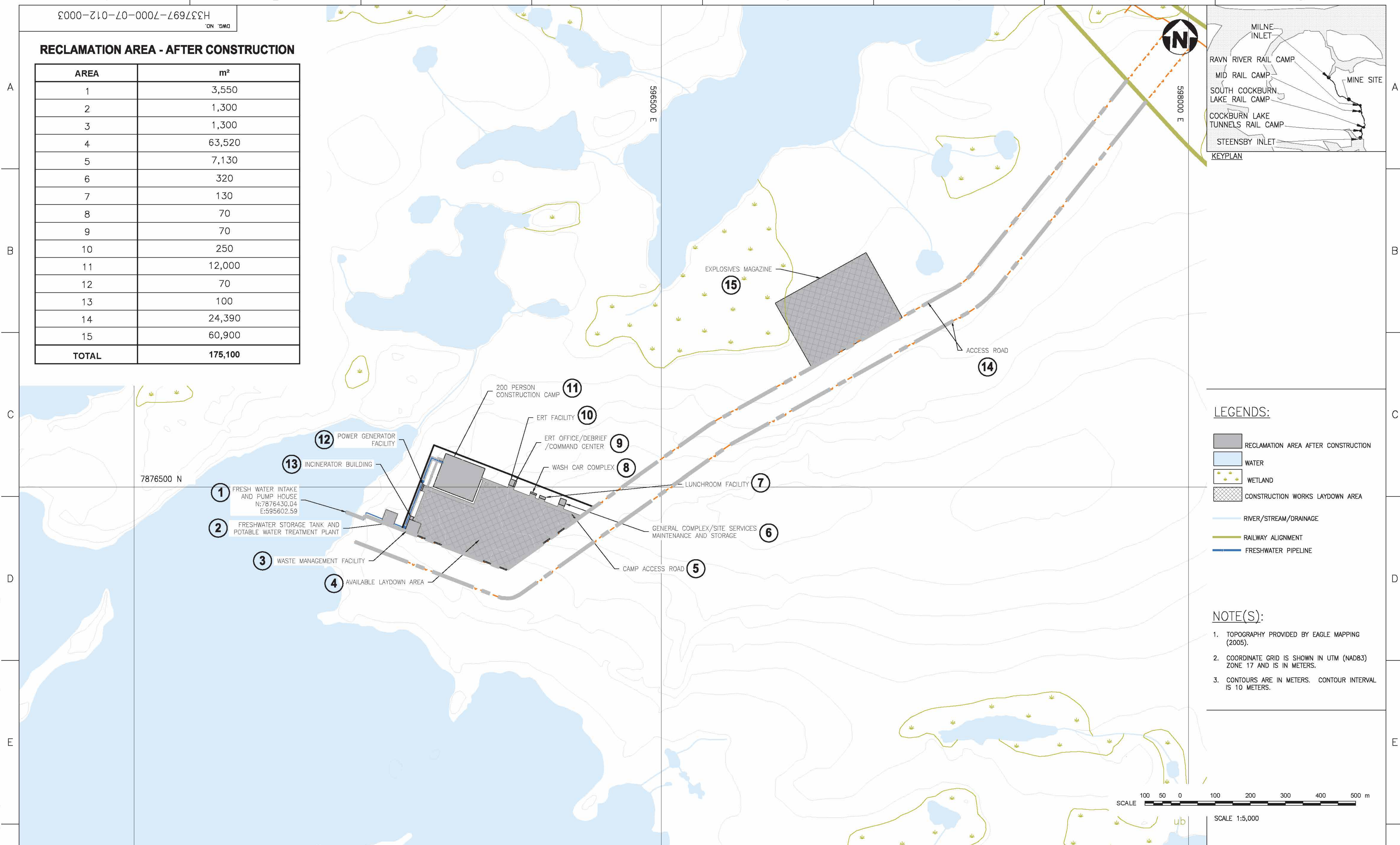
REFERENCE DRAWINGS



DWG. NO. H337697-7000-07-012-0003

## RECLAMATION AREA - AFTER CONSTRUCTION

AREA	m²
1	3,550
2	1,300
3	1,300
4	63,520
5	7,130
6	320
7	130
8	70
9	70
10	250
11	12,000
12	70
13	100
14	24,390
15	60,900
<b>TOTAL</b>	<b>175,100</b>



LEGENDS:

- 
- Legend:
- RECLAMATION AREA AFTER CONSTRUCTION
  - WATER
  - WETLAND
  - CONSTRUCTION WORKS LAYDOWN AREA
  - RIVER/STREAM/DRAINAGE
  - RAILWAY ALIGNMENT
  - FRESHWATER PIPELINE

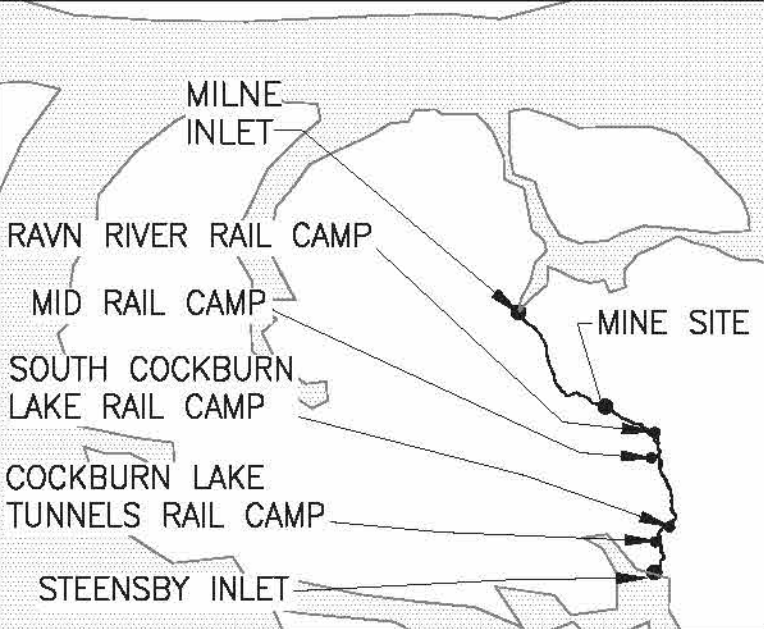
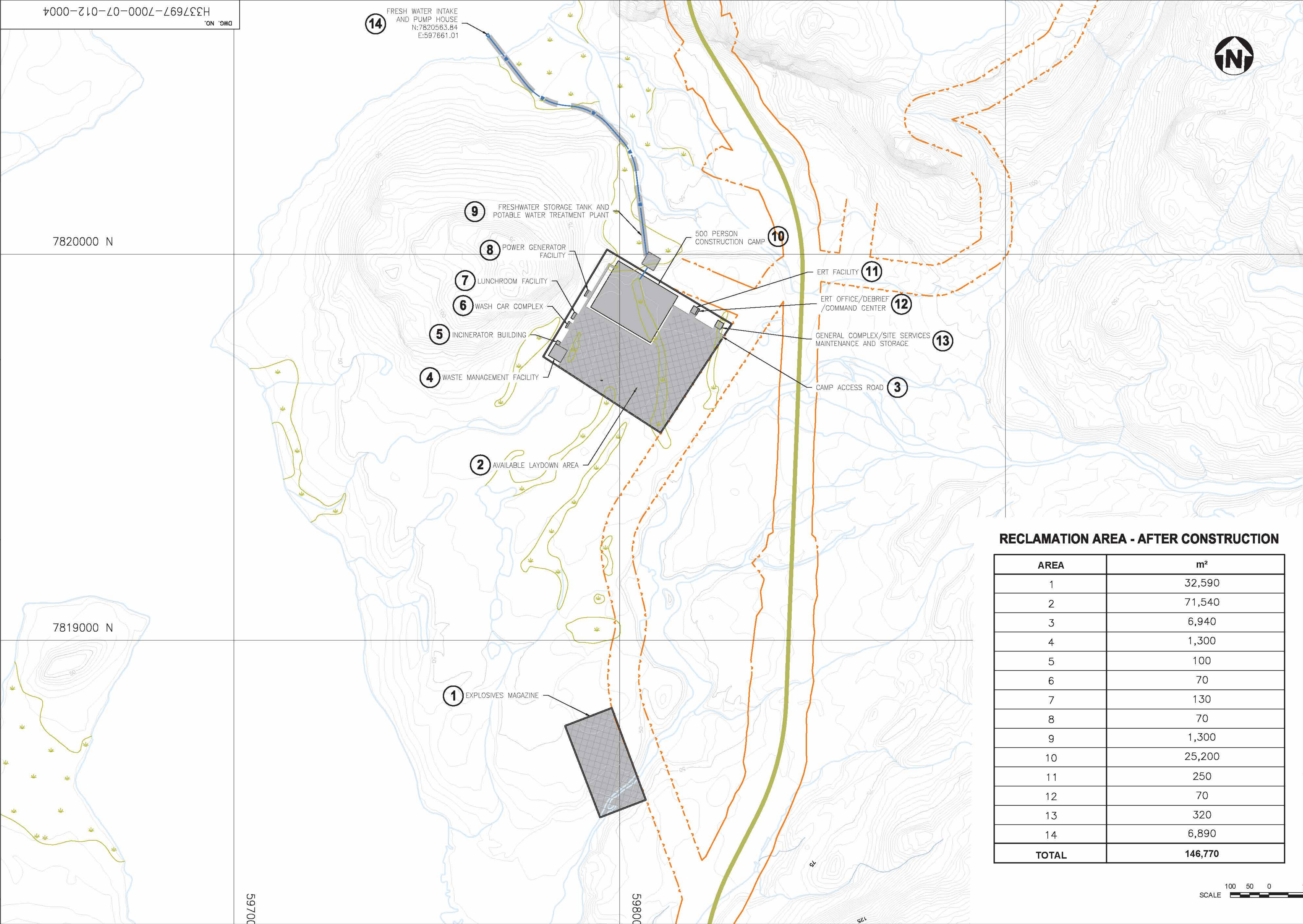
NOTE(S):

1. TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METERS.
3. CONTOURS ARE IN METERS. CONTOUR INTERVAL IS 10 METERS.

[illegible]



Oct 28, 2011 - 4:04pm Login name: fun5263 Drawing Name: p:\269980 - Mary River\CAD\Civil\Routes\Reclaim\H337697-7000-07-012-0004.dwg



LEGENDS:

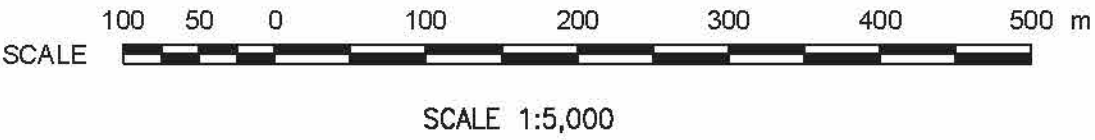
- RECLAMATION AREA AFTER CONSTRUCTION
- WATER
- WETLAND
- CONSTRUCTION WORKS LAYDOWN AREA
- RIVER/STREAM/DRAINAGE
- RAILWAY ALIGNMENT
- FRESHWATER PIPELINE

NOTE(S):

- TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
- COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METERS.
- CONTOURS ARE IN METERS. CONTOUR INTERVAL IS 10 METERS.

RECLAMATION AREA - AFTER CONSTRUCTION

AREA	m <sup>2</sup>
1	32,590
2	71,540
3	6,940
4	1,300
5	100
6	70
7	130
8	70
9	1,300
10	25,200
11	250
12	70
13	320
14	6,890
TOTAL	146,770

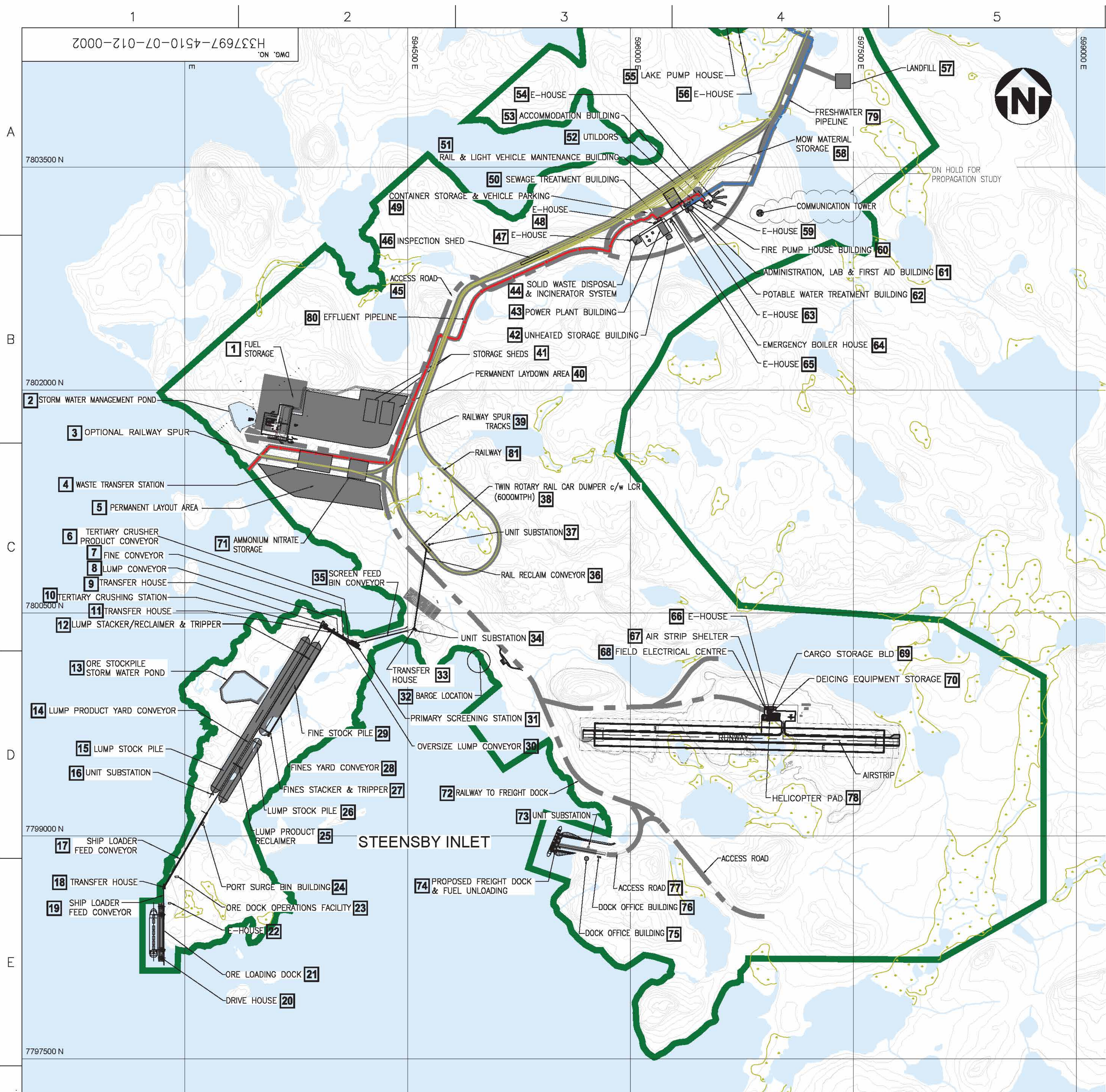


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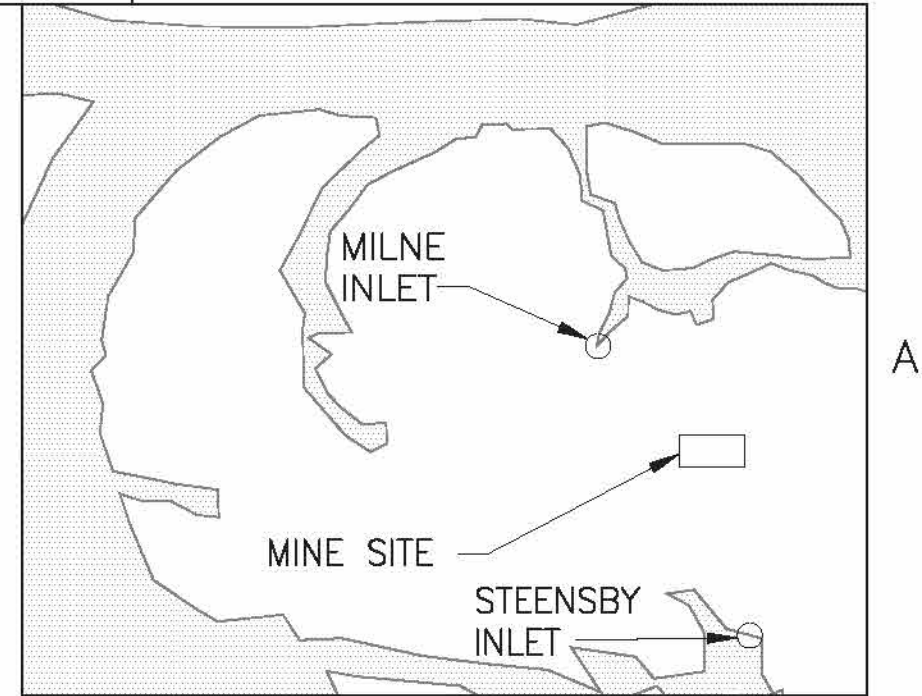








RECLAMATION AREA - AFTER OPERATION			
AREA	m²	AREA	m²
1	100,430	42	1,080
2	25,320	43	3,740
3	8,100	44	2,500
4	26,010	45	89,100
5	130,440	46	3,500
6	430	47	130
7	300	48	60
8	420	49	5,300
9	490	50	480
10	580	51	8,880
11	350	52	2,080
12	360	53	5,260
13	49,330	54	140
14	3,150	55	40
15	74,220	56	40
16	140	57	10,000
17	1,200	58	2,670
18	410	59	140
19	1,110	60	290
20	750	61	900
21	15,440	62	290
22	140	63	140
23	220	64	130
24	220	65	140
25	360	66	40
26	29,670	67	230
27	220	68	360
28	1,250	69	540
29	52,050	70	520
30	460	71	15,630
31	1,800	72	29,030
32	24,000	73	220
33	240	74	2,200
34	100	75	610
35	22,500	76	220
36	830	77	7,650
37	100	78	1,430
38	1,280	79	6,260
39	16,000	80	24,420
40	198,780	81	114,380
41	24,510	TOTAL	1,154,480

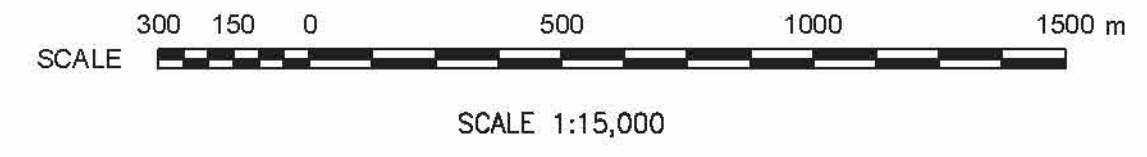


**LEGENDS:**

- RECLAIMED AREA AFTER OPERATION
- WATER
- WETLAND
- CONSTRUCTION WORKS LAYDOWN AREAS
- FORESHORE AREA
- RIVER/STREAM/DRAINAGE
- POTENTIAL DEVELOPMENT AREA
- FUTURE RAILWAY ALIGNMENT
- ACCESS ROAD
- TREATED EFFLUENT PIPELINE
- FRESHWATER PIPELINE

**NOTE(S):**

- TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
- COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
- CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 5 METRES.
- AS-CONSTRUCTED INFORMATION PROVIDED BY GENVAR IN 2008.
- PROPOSED PERMANENT WORKS LAYOUT SHOWN FOR REFERENCE PURPOSES ONLY. DO NOT USE FOR CONSTRUCTION.



ISSUED FOR USE

B	PDA BOUNDARY UPDATED	DF	SP	TH	07/02/12
A	ISSUE FOR INFORMATION	DF	AG	TH	11/09/11
NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE

B	ENVIRONMENTAL PERMITTING	SP	TH	07/02/12
A	ENVIRONMENTAL PERMITTING	SP	TH	11/09/11
REV.	ISSUE FOR	AUTH. BY	DATE	

HATCH	
DESIGNED BY A. GRZEGORCZYK DATE	DRAWN BY D. FUNG DATE
CHECKED BY T. HO DATE	DISCIP. ENGR. J. BINNS DATE
PROJ. DES. COORD.	PROJ. ENGR.
DATE	

Baffinland Iron Mines Corporation	
MARY RIVER PROJECT	
PRELIMINARY MINE CLOSURE AND RECLAMATION PLAN STEENSBY PORT FINAL CLOSURE PHASE	
SCALE OR AS NOTED	DWG. NO. H337697-4510-07-012-0002
REV. B	