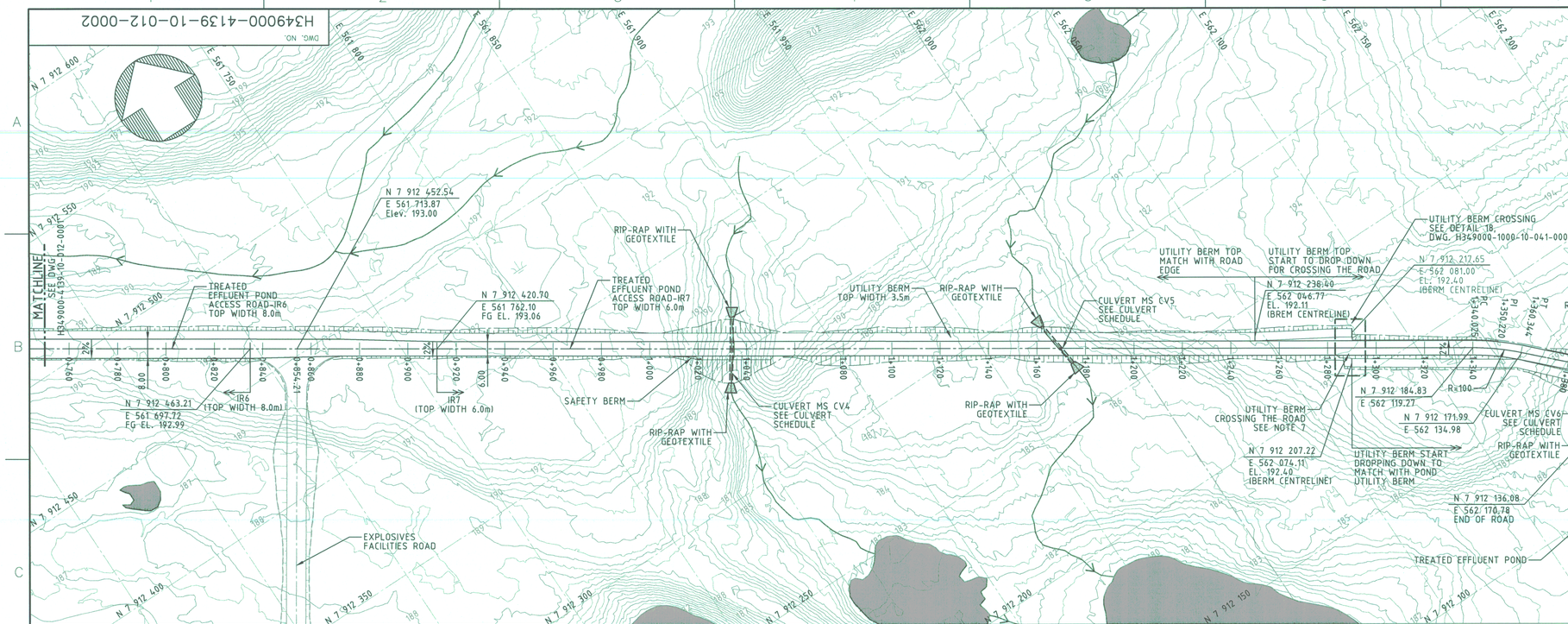
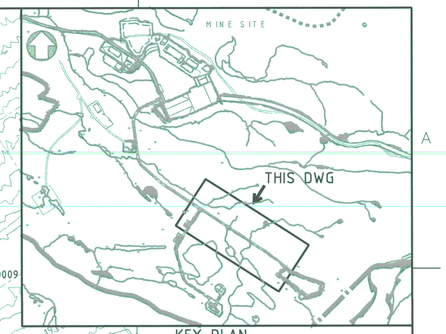
DWG. NO. H349000-4139-10-012-0002



TREATED EFFLUENT POND ACCESS ROAD-PLAN (ROAD TYPE IR6 & IR7)

1:1000

STATION 0+750 TO 1+411.05



KEY PLAN

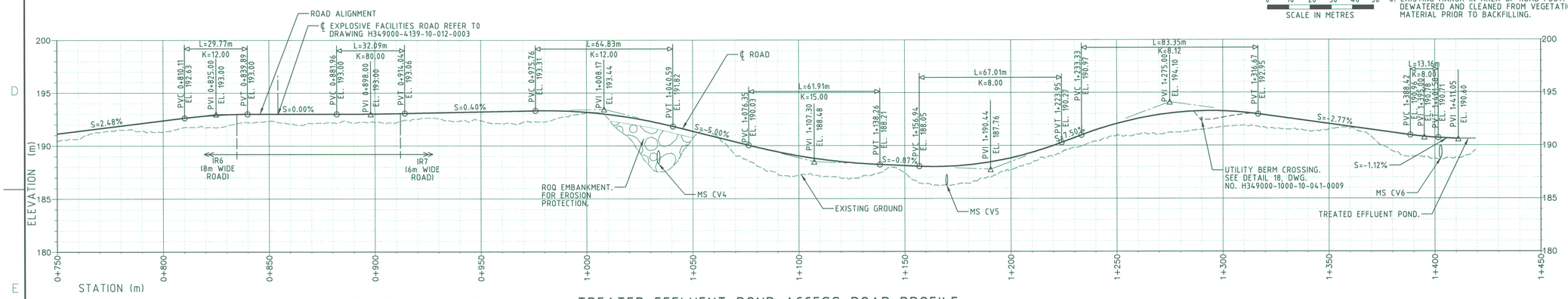
LEGEND:

- EXISTING WATERBODY
- EXISTING STREAM
- FILL SLOPE
- CUT SLOPE
- TOE OF SLOPE
- GRADING SLOPE
- 187 EXISTING GROUND CONTOURS
- FISH BEARING (P=POTENTIAL, Y=YES, N=NO)
- PT POINT OF TANGENT
- PC POINT OF CURVE
- PI POINT OF INTERSECTION
- POE POINT OF END
- PVC POINT OF VERTICAL CURVE
- PVI POINT OF VERTICAL INTERSECTION
- PVT POINT OF VERTICAL TANGENT
- K RATE OF VERTICAL CURVATURE
- CSP CORRUGATED STEEL PIPE
- MARSH (SEE NOTE 8)

NOTES:

1. TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
3. CONTOUR INTERVAL IS 1.0 METRES.
4. ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
5. FOR TYPICAL ROAD SECTION DETAILS REFER TO DRAWINGS H349000-1000-10-041-0004 AND H349000-1000-10-041-0005.
6. TO BE READ IN CONJUNCTION WITH DOCUMENT No. H349000-4139-10-144-0001 "TREATED EFFLUENT POND ACCESS ROAD STAKEOUT REPORT".
7. FOR UTILITY BERM TOP WIDTH DIMENSIONS AND DETAILS SEE DRAWING H349000-4000-00-014-0005 "MINE SITE UTILITY SERVICE SITE LAYOUT".
8. EXISTING MARSH IN AREA OF ROAD FOOTPRINT SHOULD BE DEWATERED AND CLEANED FROM VEGETATION AND UNSUITABLE MATERIAL PRIOR TO BACKFILLING.

0 10 20 30 40 50
SCALE IN METRES



TREATED EFFLUENT POND ACCESS ROAD-PROFILE

1:1000 H
1:200 V

STATION 0+750 TO 1+411.05

CULVERT ID	FISH BEARING (Y/N)	NUMBER OF PIPES	D (mm)	W (mm)	TYPE	CULVERT℄ AT UPSTREAM NORTHING	CULVERT℄ AT UPSTREAM EASTING	U/S INV. ELV. (m)	RIP RAP REQUIRED (Y/N)	CULVERT℄ AT DOWNSTREAM NORTHING	CULVERT℄ AT DOWNSTREAM EASTING	D/S INV. ELV. (m)	RIP RAP REQUIRED (Y/N)	C (mm)	L (m)	S (%)	SKEW (DEGREE)	LENGTH (m)
MS CV4	N	1	1000	1000	CSP	7 912 364.44	561 871.09	188.46	Y	7 912 342.93	561 856.49	188.20	Y	500	4.0	1.00	90.8	26
MS CV5	N	1	1200	1200	CSP	7 912 290.65	561 975.79	186.50	Y	7 912 270.79	561 978.13	186.11	Y	500	4.8	1.95	49.9	20
MS CV6	N	1	1200	1200	CSP	7 912 144.50	562 170.51	188.90	Y	7 912 136.75	562 153.16	188.58	Y	500	4.8	1.68	110.8	19

CULVERT SCHEDULE

REFER TO DRAWING H349000-1000-10-041-0003 FOR DETAIL

FOR CONSTRUCTION

DRAWING NO.	DRAWING TITLE
H349000-4139-10-012-0003	MINE SITE – EXPLOSIVES FACILITIES ROAD – PLAN AND PROFILE
H349000-4733-10-035-0001	MINE SITE – TREATED EFFLUENT POND – EARTHWORKS & DRAINAGE – PLAN
H349000-4000-00-014-0005	MINE SITE – UTILITY SERVICES – SITE LAYOUT
H349000-4000-00-014-0003	MINE SITE – INFRASTRUCTURE – SITE LAYOUT

REFERENCE DRAWINGS

PERMIT TO PRACTICE
HATCH LTD.
Signature
Date 10 Sep 13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

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NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
M. M. S. HASSAN
LICENSEE
10 Sep 13
NT/NU

REV.	ISSUE FOR	AUTH. BY	DATE
0	CONSTRUCTION	SH	DS	2013-09-10

ISSUE AUTHORIZATION

HATCH™

DESIGNED BY K. FALLAHI DATE 2013-06-28
DRAWN BY I. KITYNSKA DATE 2013-06-28
CHECKED BY A. SAHELI DATE 2013-09-10
DISCIP. ENGR. S. HASSAN DATE 2013-09-10
PROJ. DES. COORD. T. THERRELL DATE 2013-09-10
PROJ. ENGR. J. COLLAND DATE 2013-09-10
PROJ. MGR. S. PERRY DATE 2013-09-10

Baffinland

MARY RIVER PROJECT

MINE SITE
TREATED EFFLUENT POND ACCESS ROAD
PLAN & PROFILE – SHEET 2 OF 2

SCALE 1:1000 OR AS NOTED
DWG. NO. H349000-4139-10-012-0002
REV. 0
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

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