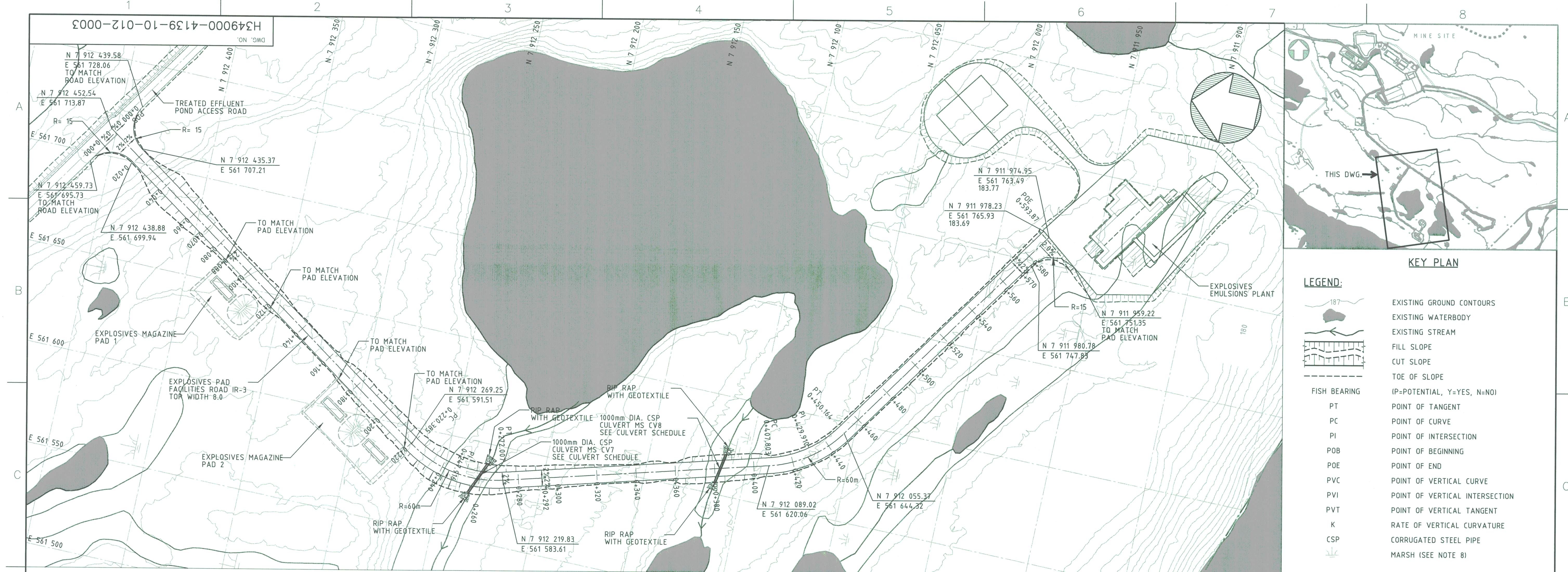


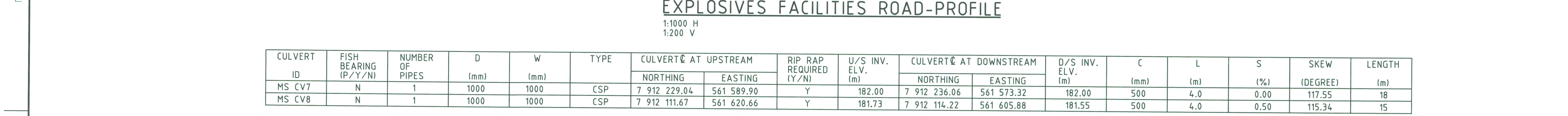
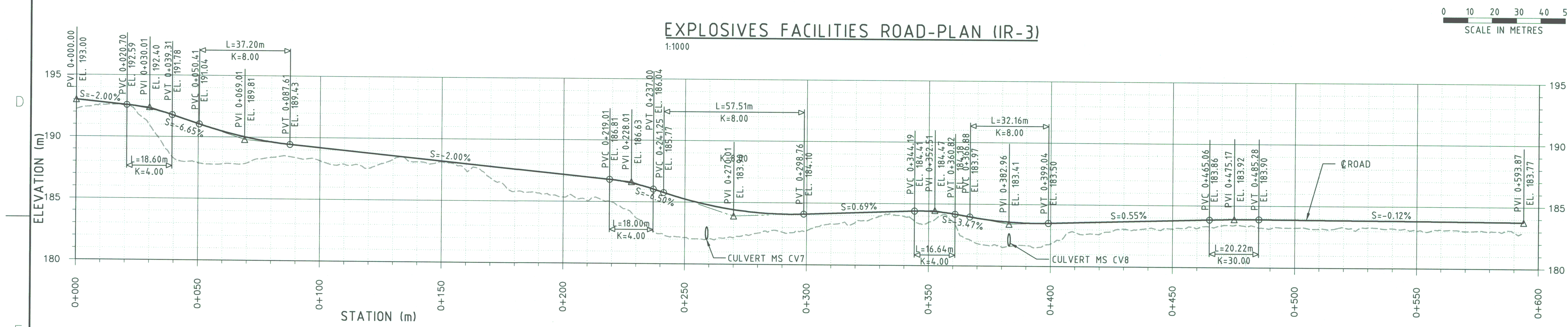


KEY PLAN

LEGEND:

- 187
- EXISTING GROUND CONTOURS
- EXISTING WATERBODY
- EXISTING STREAM
- FILL SLOPE
- CUT SLOPE
- TOE OF SLOPE
- FISH BEARING
- PT
- PC
- PI
- POB
- POE
- PVC
- PVI
- PVT
- K
- CSP
- MARSH (SEE NOTE 8)

EXISTING GROUND CONTOURS
EXISTING WATERBODY
EXISTING STREAM
FILL SLOPE
CUT SLOPE
TOE OF SLOPE
IP=POTENTIAL, Y=YES, N=NOI
POINT OF TANGENT
POINT OF CURVE
POINT OF INTERSECTION
POINT OF BEGINNING
POINT OF END
POINT OF VERTICAL CURVE
POINT OF VERTICAL INTERSECTION
POINT OF VERTICAL TANGENT
RATE OF VERTICAL CURVATURE
CORRUGATED STEEL PIPE
MARSH (SEE NOTE 8)



CULVERT ID	FISH BEARING (P/Y/N)	NUMBER OF PIPES	D (mm)	W (mm)	TYPE	CULVERT @ UPSTREAM	RIP RAP REQUIRED (Y/N)	U/S INV. ELV. (m)	CULVERT @ DOWNSTREAM	D/S INV. ELV. (m)	C	L	S	SKEW	LENGTH
MS CV7	N	1	1000	1000	CSP	7 912 229.04 561 589.90	Y	182.00	7 912 236.06 561 573.32	182.00	500	4.0	0.00	117.55	18
MS CV8	N	1	1000	1000	CSP	7 912 111.67 561 620.66	Y	181.73	7 912 114.22 561 605.88	181.55	500	4.0	0.50	115.34	15

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

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 30/08/2013
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

HATCH

DESIGNED BY: D. SINGH
DATE: 2013-07-03
CHECKED BY: A. SAHELI
DATE: 2013-08-30
PROJ. DES. COORD. T. THERTELL
DATE: 2013-08-30

DRAWN BY: D. SINGH
DATE: 2013-07-04
DISCIPL. ENGR. S. HASSAN
DATE: 2013-08-30
PROJ. ENGR. J. CLELAND
DATE: 2013-08-30

PROJ. MGR. S. PERRY
DATE: 2013-08-30

Baffinland

MARY RIVER PROJECT

MINE SITE
EXPLOSIVES FACILITIES ROAD
PLAN & PROFILE

SCALE: 1:1000
OR AS NOTED

DWG. NO. H349000-4139-10-012-0003

REV. 0

REFERENCE DRAWINGS

H349000-4135-10-035-0002	MINE SITE-EXPLOSIVES EMULSION PLANT
H349000-4139-10-012-0002	MINE SITE-TREATED EFFLUENT POND ACCESS ROAD
H349000-4000-00-014-0001	MINE SITE-SITE LAYOUT

NO. DESCRIPTION BY CHK'D APP'D DATE

REVISIONS

CONSTRUCTION

ISSUE FOR

ISSUE AUTHORIZATION

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- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 0.5 METRES.
 - ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
 - FOR TYPICAL ROAD SECTION DETAILS REFER TO DRAWINGS H349000-1000-10-041-0004 AND H349000-1000-10-041-0005.
 - SAFETY BERM TO BE ADDED AS PER SITE REQUIREMENTS, AS APPROVED BY COMPANY'S REPRESENTATIVE. MODIFICATIONS SUCH AS CULVERT EXTENSION MAY BE NECESSARY.
 - TO BE READ IN CONJUNCTION WITH DOCUMENT No. H349000-4139-10-144-0002 "EXPLOSIVES FACILITIES ROAD STAKEOUT REPORT".
 - EXISTING MARSH IN AREA OF ROAD FOOTPRINT SHOULD BE DEWATERED AND CLEANED FROM VEGETATION AND UNSUITABLE MATERIAL PRIOR TO BACKFILLING.

FOR CONSTRUCTION