

LEGEND (DRAINAGE):

	CENTERLINE OF SWALE
	EXTERNAL FLOW DIRECTION
	FLOW DIRECTION
	NON-WOVEN GEOTEXTILE (LAYFIELD LP7 OR APPROVED EQUIVALENT)
	TYPE 4 GEOMEMBRANE (ENVIRO LINER 6000 HD OR APPROVED EQUIVALENT)
	PROPOSED CULVERT
	EXISTING CULVERT (LOCATION APPROXIMATE)

LEGEND (EXISTING):

	WETLAND
	EXISTING GROUND CONTOURS
	EXISTING WATERBODY
	EXISTING STREAM
	EXISTING DRAINAGE TO BE DIVERTED
	BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
	EXISTING RIGHT OF WAY (ROW)
	EXISTING GROUND (SECTION)
	EXISTING EDGE OF ROAD

LEGEND (GENERAL):

	CURVE NUMBER (ID)
	PROPOSED CL OF TOTE ROAD
	PROPOSED RIGHT OF WAY (ROW)
	PROJECT DEVELOPMENT AREA (PDA)
	PROPOSED EDGE OF ROAD
	SAFETY BERM (PLAN)
	BERM (SECTION)
	LEFT DRAINAGE DITCH (PROFILE)
	RIGHT DRAINAGE DITCH (PROFILE)
	COMMUNICATION TOWER LOCATIONS
	EXISTING WINTER WATER INTAKE
	REFUGE AREA
	PORTAGE ROUTE

LEGEND (EARTHWORKS):

	FINISHED SUBGRADE
	FILL SLOPE
	CUT SLOPE
	TOE OF SLOPE
	SLOPE BREAKLINE
	RUN OF QUARRY TYPE 12 (600mm MINUS)
	TYPE 8 (150mm MINUS)
	RIPRAP TYPE 19 (150mm CLEAR)
	CRUSHER FINES (2mm MINUS)
	TYPE 5 (32mm MINUS)
	CONCRETE
	X% UP OR X% DOWN GRADING SLOPE

LEGEND (SURVEY/GEOTECHNICAL):

	SOIL RESISTIVITY TEST
	TEST PIT
	TEST PIT WITH CBR
	TEST PIT WITH CBR AND SOIL RESISTIVITY
	EXISTING BOREHOLE
	BOREHOLE
	BOREHOLE WITH MONITORING WELL
	BENCH MARK POINT
	CONTROL POINT
	QUARRY
	IP- PREVIOUSLY OPENED)
	(Q- PROPOSED)

ABBREVIATIONS

BOD	BOTTOM OF DITCH
BC	BEGINNING OF HORIZONTAL CURVE
BVC	BEGINNING OF VERTICAL CURVE
CSP	CORRUGATED STEEL PIPE
DWL	DESIGN WATER LEVEL
EC	END OF HORIZONTAL CURVE
EVC	END OF VERTICAL CURVE
FB	FREEBOARD
FG. EL.	FINISHED GRADE ELEVATION
HWL	HIGH WATER LEVEL
IE	PIPE INVERT ELEVATION
K	RATE OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
ROQ	RUN OF QUARRY
S	SLOPE
STA	STATION
U/G	UNDER GROUND

ALIGNMENT STATION EQUATIONS

STATION EQUATION STA 12+903.50 = STA 20+000	- FOUND ON DRAWING H349000-3000-10-012-0019
STATION EQUATION STA 33+602 = STA 40+000	- FOUND ON DRAWING H349000-3000-10-012-0038
STATION EQUATION STA 66+908 = STA 80+000	- FOUND ON DRAWING H349000-3000-10-012-0077
STATION EQUATION STA 106+700 = STA 150+000	- FOUND ON DRAWING H349000-3000-10-012-0115

GENERAL 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 0.5m. (LIDAR 2008 CONTOUR)
- ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
- CONTRACTOR IS TO VERIFY ROW BOUNDARIES BEFORE COMMENCING WORK.
- THE CONTRACTOR IS TO PROVIDE AND MAINTAIN TEMPORARY DRAINAGE AND EROSION/SEDIMENT CONTROL DURING CONSTRUCTION.
- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH APPLICABLE ENVIRONMENTAL/INDIGENOUS PEOPLES REGULATIONS, AND PROJECT AGREEMENT CONDITIONS.
- EROSION CONTROL MEASURES WILL BE INSTALLED AS DIRECTED BY THE SITE ENVIRONMENTAL ENGINEER OR DESIGNATE.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION FOR INSTALLATION WORKS ADJACENT TO A FISH BEARING CULVERT STREAM OR OTHER ADJACENT WATER BODY, THE SITE ENVIRONMENTAL ENGINEER OR DESIGNATE WILL BE CONSULTED AS TO WHAT EROSION MITIGATION MEASURES ARE TO BE ENFORCED TO PROTECT WATER FROM CONTAMINATION BY SOIL.
- TRUCK ESCAPE RAMP:
DESIGN AND LOCATION OF VEHICLE RAMPS SHALL BE DETERMINED BY OWNER DURING ROAD CONSTRUCTION IN COMPLIANCE WITH APPLICABLE STANDARD AND REGULATIONS.
ESCAPE RAMPS SHALL BE CONSTRUCTED PRIOR TO COMMENCING ORE HAUL OPERATIONS.
RECOMMENDED LOCATIONS FOR ESCAPE RAMPS BASED ON APPLICABLE STADARDS AND INDUSTRY BEST PRACTICE INCLUDE:
1. STA. 87+400 TO STA. 92+700 (5.3km); MINE TO PORT (LOADED ORE CARRIERS)
2. STA. 92+700 TO STA. 96+950 (4.3km); PORT TO MINE (LOADED LOGISTICS CARRIERS)

- SAFETY BERMS
ADDITIONAL SAFETY BERMS TO BE INSTALLED AS PER LOCAL SITE CONDITIONS/NEEDS AND AS DIRECTED BY FIELD ENGINEER OR DESIGNATE.
FOR PRELIMINARY LOCATIONS REFER TO DRAWING H349000-3000-10-088-0036

FOR CONSTRUCTION

DRAWING NO.

DRAWING TITLE

REFERENCE DRAWINGS

PERMIT TO PRACTICE
HATCH LTD.
Signature:
Date: 30 Apr 13
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND
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DESCRIPTION

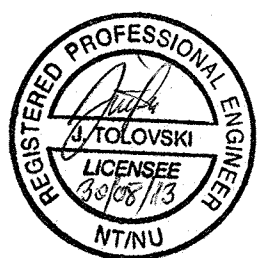
BY

CHK'D

APP'D

DATE

REVISIONS



REV.

ISSUE FOR

RN

KM

2013-08-30

DATE

AUTH.

BY

DATE

ISSUE AUTHORIZATION



DESIGNED BY

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DATE 2013-05-31

PROJ. MGR.

S. PERRY

DATE 2013-05-31

SCALE

1:1

OR AS NOTED

DWG. NO.

H349000-3000-10-040-0002

REV.

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ORIGINAL SHEET SIZE: ISO A1 (841 x 594)