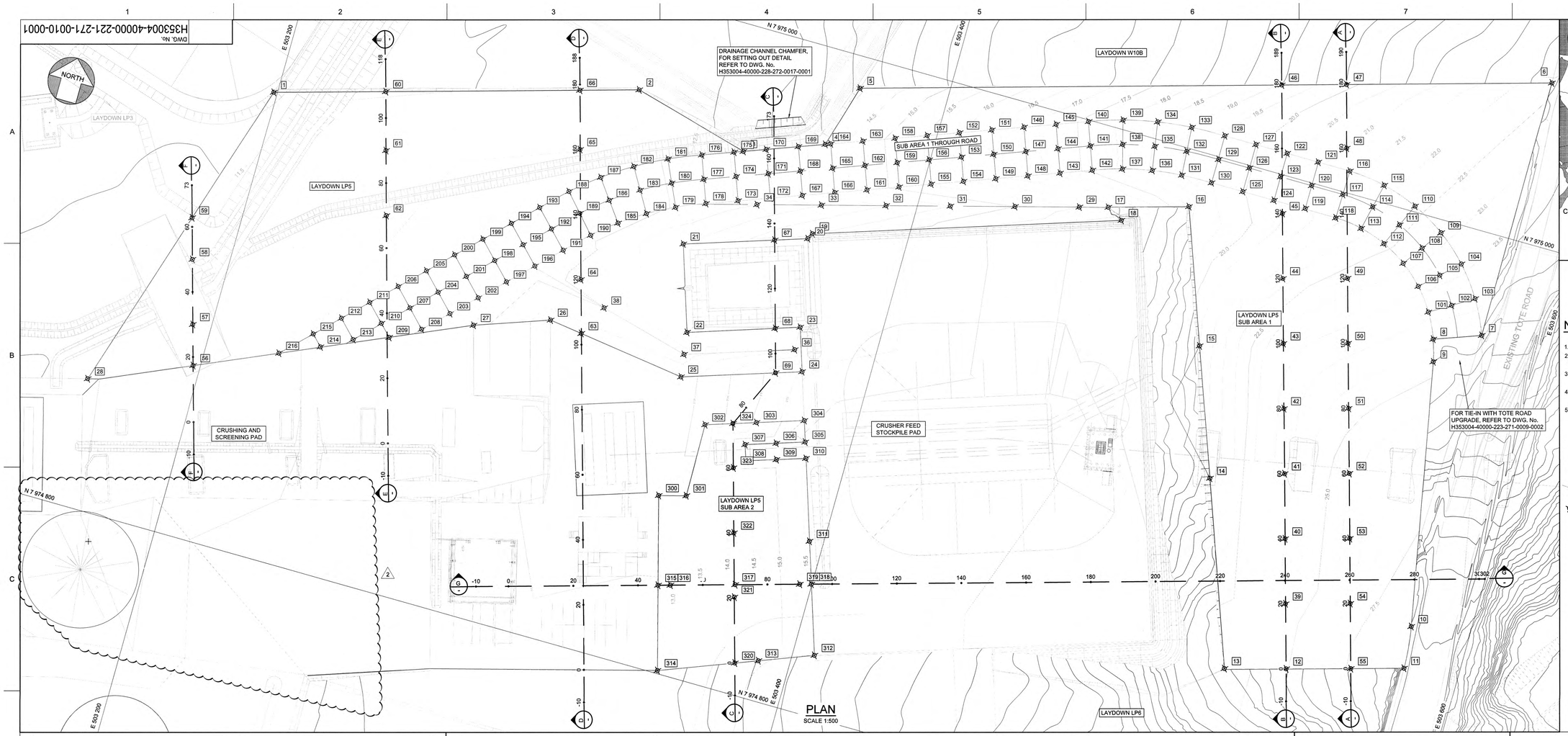
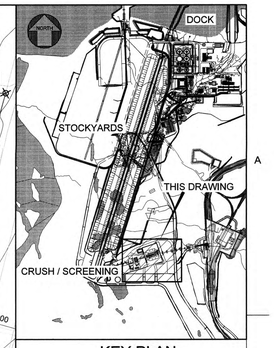
DWG. No. H353004-40000-221-271-0010-0001



PLAN
SCALE 1:500



KEY PLAN

NOTES:

1. LIDAR SURVEY PROVIDED BY PHOTOSAT (2016)
2. CO-ORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METERS.
3. CONTOURS ARE IN METERS. CONTOUR INTERVAL IS 0.5m.
4. ALL DIMENSIONS SHOWN ARE IN METERS, UNLESS NOTED OTHERWISE.
5. REFER TO DETAIL 1 ON DRAWING No. H353004-40000-221-294-0002-0001 FOR TYPICAL LAYER WORKS DETAILS.

LEGEND:

10.20 — CONTOUR ELEVATION

43 — SETTING OUT POINT NUMBER

LAYDOWN LP5 SUB-AREA 1 SETTING OUT COORDINATES

POINT	E	N	LEVEL
1	503198.917	7974939.966	11.400
2	503307.432	7974971.318	11.600
3	503343.613	7974961.806	13.174
4	503367.430	7974970.756	14.235
5	503373.040	7974990.273	13.900
6	503578.537	7975049.645	22.362
7	503578.747	7974969.059	24.351
8	503564.623	7974963.895	24.350
9	503566.522	7974957.210	24.756
10	503581.879	7974876.988	29.400
11	503583.162	7974864.011	30.000
12	503548.134	7974854.000	24.905
13	503529.784	7974848.953	23.490
14	503509.667	7974904.090	21.066
15	503495.686	7974942.410	20.493
16	503480.944	7974982.743	18.000
17	503456.956	7974975.794	15.723
18	503461.933	7974973.015	16.305
19	503371.033	7974943.215	14.464
20	503370.101	7974941.388	13.500
21	503333.473	7974929.382	13.500
22	503341.944	7974903.541	13.500
23	503375.210	7974914.558	13.500
24	503379.465	7974901.539	15.075
25	503343.849	7974889.864	13.250
26	503300.304	7974895.763	13.250
27	503277.858	7974887.800	12.300
28	503167.524	7974839.634	11.650
29	503448.360	7974973.451	15.500
30	503429.111	7974968.204	15.000
31	503409.861	7974962.956	14.500
32	503390.612	7974957.708	14.000
33	503371.363	7974952.461	13.500
34	503352.113	7974947.213	13.000

LAYDOWN LP5 SUB-AREA 1 SETTING OUT COORDINATES

POINT	E	N	LEVEL
36	503375.438	7974907.426	13.500
37	503342.885	7974896.782	12.795
38	503315.247	7974903.860	12.500
39	503542.580	7974873.213	24.195
40	503537.026	7974892.426	24.004
41	503531.472	7974911.640	23.787
42	503525.923	7974930.855	23.644
43	503520.373	7974950.069	23.209
44	503514.823	7974969.284	21.809
45	503509.273	7974988.498	20.520
46	503498.306	7975026.465	19.058
47	503517.520	7975032.016	19.850
48	503522.958	7975013.194	21.017
49	503534.061	7974974.766	22.705
50	503539.612	7974955.552	23.778
51	503545.163	7974936.337	24.739
52	503550.715	7974917.123	25.302
53	503556.266	7974897.909	25.701
54	503561.817	7974878.695	26.541
55	503567.368	7974859.482	27.702
56	503197.784	7974852.372	11.811
57	503194.277	7974864.510	11.724
58	503188.725	7974883.724	11.587
59	503185.169	7974896.027	11.509
60	503232.161	7974949.571	11.461
61	503237.198	7974932.137	11.800
62	503242.750	7974912.923	11.937
63	503310.558	7974894.374	13.250
64	503305.964	7974910.279	12.607
65	503294.864	7974948.708	11.988
66	503289.821	7974966.230	11.568
67	503360.336	7974938.187	13.500
68	503367.864	7974912.125	13.500
69	503371.661	7974898.981	14.675

LAYDOWN LP5 SUB-AREA 1 THROUGH ROAD SETTING OUT COORDINATES

POINT	E	N	LEVEL
101	503560.912	7974971.518	23.847
102	503567.320	7974975.451	23.808
103	503573.728	7974979.385	23.870
104	503566.758	7974988.507	23.369
105	503561.273	7974983.392	23.375
106	503555.788	7974978.277	23.356
107	503549.372	7974983.826	22.855
108	503553.743	7974989.945	22.806
109	503558.100	7974996.073	22.862
110	503548.141	7975001.751	22.365
111	503545.081	7974994.904	22.371
112	503542.005	7974988.022	22.364
113	503533.951	7974990.670	21.859
114	503535.598	7974998.026	21.806
115	503537.237	7975005.345	21.853
116	503525.837	7975006.700	21.370
117	503525.684	7974999.182	21.368
118	503525.531	7974991.665	21.371
119	503515.673	7974991.927	20.900
120	503515.668	7974999.204	20.900
121	503515.663	7975006.704	20.900
122	503505.696	7975006.697	20.432
123	503505.701	7974999.197	20.432
124	503505.673	7974991.697	20.431
125	503495.673	7974991.690	19.961
126	503495.667	7974999.190	19.961
127	503495.662	7975006.690	19.961
128	503485.696	7975006.706	19.493
129	503485.844	7974999.183	19.500
130	503485.673	7974991.683	19.492

LAYDOWN LP5 SUB-AREA 1 THROUGH ROAD SETTING OUT COORDINATES

POINT	E	N	LEVEL
131	503476.188	7974991.461	19.026
132	503475.686	7974998.944	19.028
133	503475.191	7975006.428	19.026
134	503464.516	7975005.185	18.500
135	503465.755	7974997.759	18.528
136	503467.008	7974990.364	18.558
137	503457.992	7974988.319	18.094
138	503456.008	7974995.610	18.076
139	503454.031	7975002.826	18.034
140	503443.891	7974999.489	17.643
141	503446.529	7974992.468	17.643
142	503449.167	7974985.447	17.643
143	503439.788	7974981.882	17.217
144	503437.136	7974988.938	17.224
145	503434.530	7974995.971	17.226
146	503425.169	7974992.453	16.809
147	503427.791	7974985.427	16.808
148	503430.427	7974978.364	16.800
149	503421.066	7974974.846	16.383
150	503418.415	7974981.903	16.390
151	503415.808	7974988.936	16.391
152	503406.447	7974985.418	15.974
153	503409.085	7974978.397	15.974
154	503411.692	7974971.365	15.973
155	503402.323	7974967.868	15.556
156	503399.693	7974974.868	15.556
157	503397.086	7974981.900	15.557
158	503387.725	7974978.383	15.140
159	503390.364	7974971.362	15.140
160	503392.970	7974964.329	15.138

LAYDOWN LP5 SUB-AREA 1 THROUGH ROAD SETTING OUT COORDINATES

POINT	E	N	LEVEL
161	503383.623	7974960.776	14.714
162	503380.994	7974967.820	14.722
163	503378.349	7974974.859	14.722
164	503369.004	7974971.347	14.306
165	503371.626	7974964.321	14.305
166	503374.249	7974957.294	14.304
167	503364.901	7974953.740	13.880
168	503362.272	7974960.785	13.888
169	503359.627	7974967.823	13.888
170	503350.282	7974964.312	13.471
171	503352.920	7974957.291	13.471
172	503355.527	7974950.259	13.470
173	503346.158	7974946.762	13.053
174	503343.550	7974953.750	13.053
175	503340.921	7974960.794	13.054
176	503331.560	7974957.276	12.637
177	503334.198	7974950.256	12.637
178	503336.837	7974943.235	12.637
179	503328.143	7974939.603	12.511
180	503324.945	7974946.429	12.509
181	503321.838	7974953.256	12.500
182	503312.283	7974948.163	12.438
183	503316.137	7974941.706	12.453
184	503319.970	7974935.282	12.455
185	503312.313	7974930.103	12.398
186	503307.834	7974936.143	12.394
187	503303.355	7974942.183	12.358
188	503295.069	7974935.342	12.322
189	503300.128	7974929.779	12.342
190	503305.187	7974924.217	12.343

LAYDOWN LP5 SUB-AREA 1 THROUGH ROAD SETTING OUT COORDINATES

POINT	E	N	LEVEL
191	503298.231	7974917.475	12.291
192	503292.972	7974922.796	12.291
193	503287.687	7974928.144	12.299
194	503280.590	7974921.099	12.262
195	503285.862	7974915.764	12.241
196	503291.134	7974910.430	12.241
197	503284.022	7974903.401	12.191
198	503278.754	7974908.707	12.196
199	503273.494	7974914.053	12.225
200	503266.381	7974907.024	12.188
201	503271.682	7974901.660	12.159
202	503276.968	7974896.312	12.143
203	503269.871	7974889.267	12.100
204	503264.586	7974894.615	12.122
205	503259.300	7974899.963	12.152
206	503252.204	7974892.917	12.115
207	503257.488	7974887.595	12.085
208	503262.748	7974882.248	12.174
209	503253.745	7974877.131	12.153
210	503250.273	7974880.645	12.056
211	503245.107	7974885.872	12.078
212	503238.010	7974878.826	12.041
213	503243.282	7974873.492	12.087
214	503234.110	7974868.556	12.032
215	503230.914	7974871.781	12.005
216	503222.281	7974863.211	11.960

LAYDOWN LP5 SUB-AREA 2 SETTING OUT COORDINATES

POINT	E	N	LEVEL
300	503347.008	7974852.880	13.250
301	503355.215	7974855.121	13.250
302	503354.927	7974877.710	13.697
303	503370.043	7974882.665	14.570
304	503384.121	7974887.261	15.382
305	503386.173	7974880.977	15.587
306	503377.665	7974878.188	15.542
307	503368.481	7974875.178	15.493
308	503370.040	7974870.420	15.522
309	503379.061	7974873.354	15.555
310	503387.746	7974876.178	15.587
311	503395.688	7974851.950	15.587
312	503406.617	7974818.607	15.587
313	503390.378	7974812.305	14.560
314	503361.178	7974800.975	12.712
315	503354.275	7974826.262	12.974
316	503357.942	7974827.321	12.975
317	503377.156	7974832.873	14.140
318	503399.797	7974839.414	15.587
319	503396.370	7974838.424	15.365
320	503383.565	7974809.662	14.129
321	503377.958	7974829.120	14.125
322	503372.460	7974848.089	14.136
323	503366.907	7974867.303	15.044
324	503363.123	7974880.397	14.170

PERMIT TO PRACTICE
HATCH LTD.
Signature _____
Date 2019-04-16
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

DRAWING No.	DRAWING TITLE
H353004-40000-221-272-0015-0001	FINES STOCK PILE LAYOUT
H353004-40000-221-273-0003-0001	CRUSHING AND SCREENING PAD CROSS SECTIONS
H353004-40000-221-273-0002-0001	CRUSHING FEED STOCKPILE PAD CROSS SECTIONS
H353004-40000-223-271-0009-0002	TOTE ROAD UPGRADE PLAN AND PROFILE SHEET 2 OF 3
H353004-40000-228-272-0017-0001	LAYDOWN LP 5 - DRAINAGE PLAN
H353004-40000-221-271-0010-0002	LAYDOWN LP 5 - PROFILES
H353004-40000-221-271-0005-0001	LAYDOWN AREA LP3
H353004-40000-221-271-0008-0001	LAYDOWN AREA W10B
H353004-40000-221-271-0009-0001	LAYDOWN AREA LP6 - LAYOUT AND PROFILES

REFERENCE DRAWINGS

REG. PROFESSIONAL

FOR CONSTRUCTION

THIS DRAWING WAS PREPARED BY HATCH LTD. ("HATCH") FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES LP ("CLIENT") AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN HATCH AND THE THE CLIENT, INCLUDING ANY LIMITATIONS ON LIABILITY CONTAINED THEREIN. THIS DRAWING AND ITS CONTENTS REMAIN THE INTELLECTUAL PROPERTY OF HATCH SUBJECT TO CLIENT'S ROYALTY-FREE, IRREVOCABLE, PERPETUAL AND NONEXCLUSIVE LICENSE TO USE THE DRAWING FOR THE PURPOSES CONTEMPLATED UNDER THE CONTRACT. ANY USE, INCLUDING, WITHOUT LIMITATION, COMPLETION, MAINTENANCE, EXTENSION, REINSTATEMENT AND REPAIR OF THE PROJECT, THIS DRAWING, AND THE INFORMATION CONTAINED HEREIN, SHALL BE TREATED AS CONFIDENTIAL FOR ALL OTHER PURPOSES AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HATCH.

No.	DESCRIPTION	BY	CHK'D	DATE
2	CHANGE IN CRUSHING/SCREENING PAD DESIGN (PORTION OF LP5 REMOVED)	KR	FH	12/04/2019
1	EDC STAMP AND DUMPER MODULE STORAGE PAD REMOVED	KvdM	FH	17/08/2018
0	FOR CONSTRUCTION	HH	IB	16/04/2018

REVISIONS

HATCH

DRAFTSPERSON	H HERBST	NR	12/04/2019
DESIGNER	H HERBST	NR	12/04/2019
CHECKER	F HUGO		2019-04-15
DESIGN COORD.	R GOOSEN		2019-04-15
RESP. ENG.	R HALIM		2019-04-16
LEAD DISC. ENG.	A GROBBELAAR		2019/04/12
AREA LEAD	V LAVRIC		2019-04-16
ENG. MANAGER	R GOOSEN		2019-04-15
AREA MANAGER	T ATIBA		16-04-12

ROLE	NAME	SIGNATURE	DATE

DRAWING APPROVAL STATUS: Approved for Construction

Baffinland

BAFFINLAND IRON MINES LP
MARY RIVER EXPANSION PROJECT

PORT SITE
LAYDOWN AREA LP5
LAYOUT PLAN

SCALE 1:500 OR AS NOTED
DWG. No. H353004-40000-221-271-0010-0001
REV 2
SHEET SIZE: E

USERNAMES $TIMES
$DATES
$FILES