**Appendix 3C – Tote Road Drawings**

The Tote Road upgrades are an integral part of the Approved Project and this work was approved under Project Certificate No. 005. DFO Authorization NU-06-0084 allows Baffinland to undertake the works on water crossings (bridges and culverts). Quarry permits and other necessary authorizations have obtained (refer to Volume 2, Table 2-2.3 Current Authorizations).

Project Certificate condition No. 29 requires that Baffinland "provide the respective regulatory authorities with construction engineering design and drawings". In accordance with this requirement, Appendix 3C contains design drawings for the Tote Road upgrades. These drawings are provided in the ERP submission for information purposes.

The ERP component that involves the Tote Road is the transportation of iron ore by trucks and the associated interaction of this activity with the receiving environment.

| DRAWING NO. | DRAWING TITLE |
|---|---|

REFERENCE DRAWINGS

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES CORPORATION ("BAFFINLAND") AND IS SUBJECT TO THE AGREEMENT BETWEEN BAFFINLAND AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED IN WRITING WITH HATCH, OR SPECIFIED ON THIS DRAWING, (A) HATCH MAKES NO REPRESENTATIONS OR WARRANTIES AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR REUSE OF THIS DRAWING BY BAFFINLAND OR ANYONE ACTING ON BEHALF OF BAFFINLAND FOR ANY PURPOSE OTHER THAN THE PURPOSE EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 62+100
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0033 | A |

c:\pri\projectwise\cam61244\dms74793\H349000-3000-10-015-0033.dgn
4/3/2013 5:10:21 PM
CAM61244

| DRAWING NO. | DRAWING TITLE |
|---|---|
| REFERENCE DRAWINGS | |

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES CORPORATION ("BAFFINLAND") AND IS BEING PROVIDED TO THE AGREEMENT BETWEEN BAFFINLAND AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED IN WRITING WITH BAFFINLAND, NO OTHER USE OF THIS DRAWING BY ANY THIRD PARTY IS AUTHORIZED. BAFFINLAND AND HATCH AND ALL LIABILITY (BY NEGLIGENCE OR OTHERWISE) ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR REUSE OF THIS DRAWING BY BAFFINLAND AND (B) THIS DRAWING MAY BE REVOKED AT ANY TIME. ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| REVISIONS | | | | | |

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| ISSUE AUTHORIZATION | | | |

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K. MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 56+250
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0032 | A |

c:\pri\projectwise\cam61244\dms74793\H349000-3000-10-015-0032.dgn
4/3/2013 5:13:50 PM
CAM61244

DWG. NO. H349000-3000-10-015-0031

| DRAWING NO. | DRAWING TITLE |
|---|---|
| REFERENCE DRAWINGS | |

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON MINES CORPORATION ("BIM") AND IS SUBJECT TO THE TERMS OF THE AGREEMENT BETWEEN BIM AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED IN WRITING WITH BIM, NO DESIGN, INFORMATION OR DATA SHOWN ON THIS DRAWING MAY BE USED OR RELIED UPON BY ANY PERSON OR ENTITY OTHER THAN BIM, AND NO PERSON OR ENTITY OTHER THAN BIM MAY USE OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR REVISION TO THIS DRAWING BY CLIENT AND (B) THIS DRAWING MAY BE REVISED, SUPERSEDED OR WITHDRAWN. ALL RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| REVISIONS | | | | | |

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| ISSUE AUTHORIZATION | | | |

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K.MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

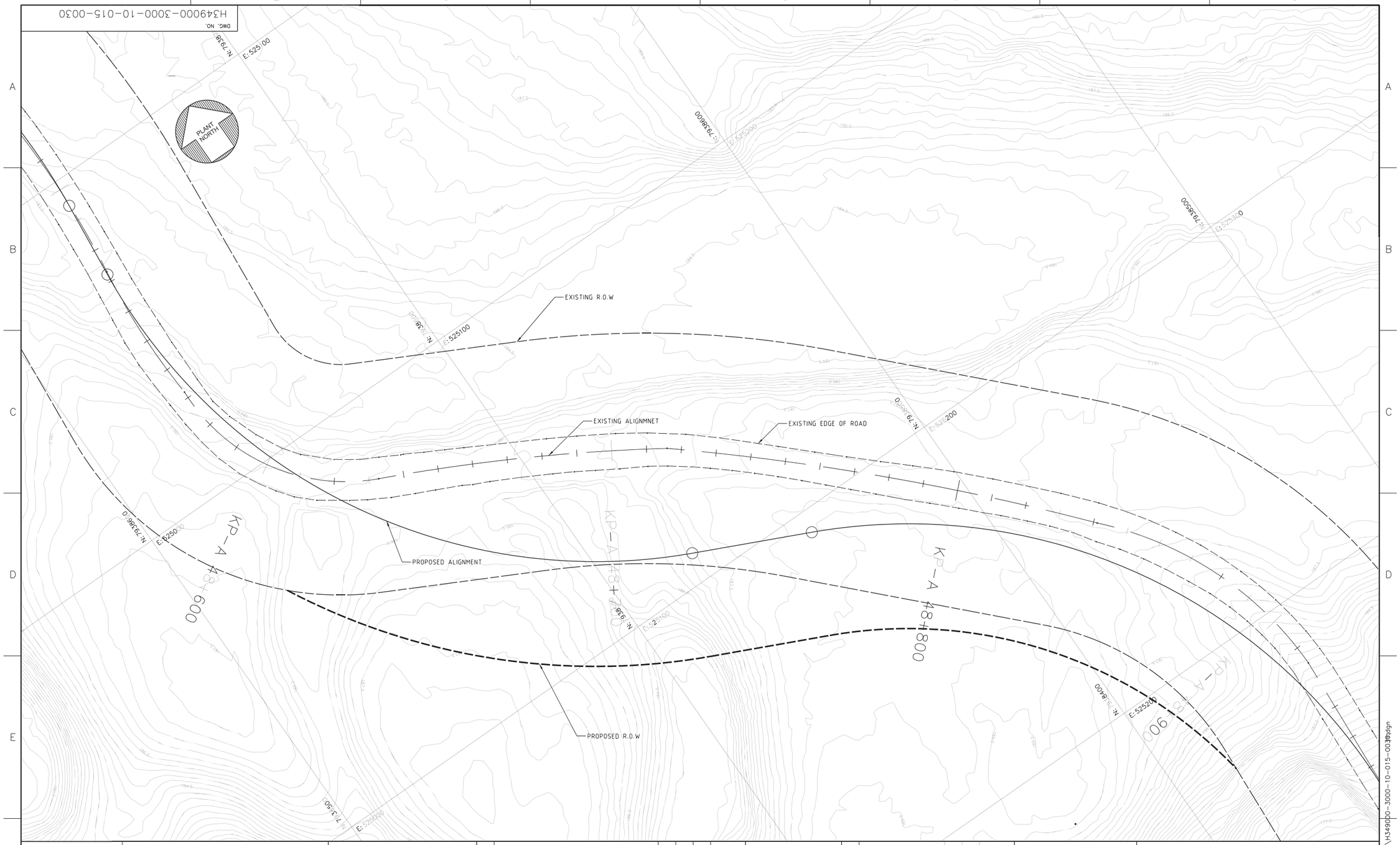
MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 55+950
PLAN

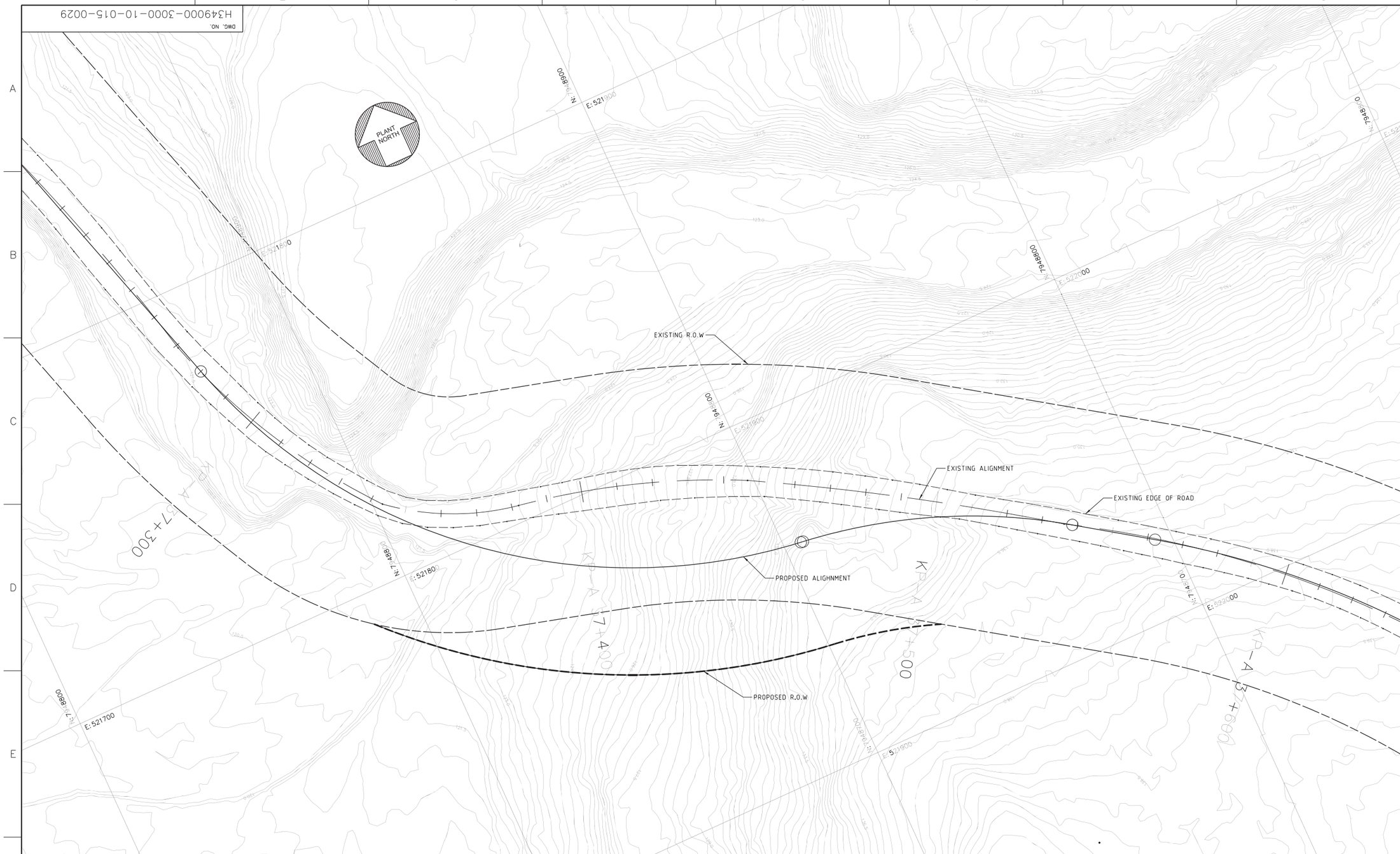
| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0031 | A |

c:\pri\projectwise\cam61244\dms74793\H349000-3000-10-015-0031.dgn
4/3/2013 5:18:20 PM
CAM61244

DWG. NO. H349000-3000-10-015-0030


PLANT NORTH
EXISTING R.O.W
EXISTING ALIGNMNET
EXISTING EDGE OF ROAD
PROPOSED ALIGNMENT
PROPOSED R.O.W
KP-A 48+600
KP-A 48+800
KP-A 49+000
N:79386.0
E:525200
N:79386.0
E:525100
N:79386.0
E:525000
N:79386.0
E:525300
N:79386.0
E:525200
N:79386.0
E:525100
N:79386.0
E:525000
N:79386.0
E:524900

DWG. NO. H349000-3000-10-015-0029




| DRAWING NO. | DRAWING TITLE |
|---|---|
| REFERENCE DRAWINGS | |

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("LIGHT") AND IS ISSUED PURSUANT TO CONTRACT WITH LIGHT. IT MAY NOT BE RELIED UPON BY ANY OTHER PERSON OR ENTITY (OTHER THAN LIGHT) FOR ANY PURPOSE OTHER THAN THE PURPOSE SET FORTH IN THIS DRAWING. (A) HATCH DOES NOT ACCEPT AND DISCLAIMS ANY AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY PERSON OR ENTITY OTHER THAN LIGHT, OR FOR ANY PURPOSE OTHER THAN THE PURPOSE SET FORTH IN THIS DRAWING, (B) THIS DRAWING IS CONFIDENTIAL, AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| REVISIONS | | | | | |

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| ISSUE AUTHORIZATION | | | |

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISION STA. 37+400
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| OR AS NOTED | H349000-3000-10-015-0029 | A |

c:\pri\projectwise\cam61244\dms74793\H349000-3000-10-015-0029.dgn
4/3/2013 5:33:48 PM
CAM61244

DWG. NO. H349000-3000-10-015-0028

| DRAWING NO. | DRAWING TITLE |
|---|---|
| | |

REFERENCE DRAWINGS

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("CLIENT") AND IS ISSUED PURSUANT TO THE AGREEMENT BETWEEN CLIENT AND HATCH ("THE CONTRACT"). UNLESS OTHERWISE PROVIDED IN THE CONTRACT, (A) HATCH MAKES NO REPRESENTATIONS ON THIS DRAWING, (B) HATCH DOES NOT ACCEPT ANY RESPONSIBILITY AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANYONE OTHER THAN CLIENT, ANY MODIFICATION OR LENDING OF THIS DRAWING BY CLIENT, AND (C) THIS DRAWING IS CONFIDENTIAL AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| | | | | | |

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| | | | |

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 23+100
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0028 | A |

c:\pw\projectwise\cam61244\dms74793\H349000-3000-10-015-0028_A.dgn
4/3/2013 5:23:53 PM
CAM61244

DWG. NO. H349000-3000-10-015-0027

| DRAWING NO. | DRAWING TITLE |
|---|---|
| | |

REFERENCE DRAWINGS

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("CLIENT") AND IS ISSUED PURSUANT TO THE AGREEMENT BETWEEN CLIENT AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED IN WRITING WITH HATCH, OR SPECIFIED ON THIS DRAWING, (A) HATCH DOES NOT ACCEPT ANY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR DAMAGES, LOSSES AND EXPENSES ARISING OUT OF RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR MISUSE OF THIS DRAWING BY CLIENT, AND (B) THIS DRAWING, AND ANY DESIGNS, PLANS, SPECIFICATIONS, DATA OR SOFTWARE EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| | | | | | |

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| | | | |

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

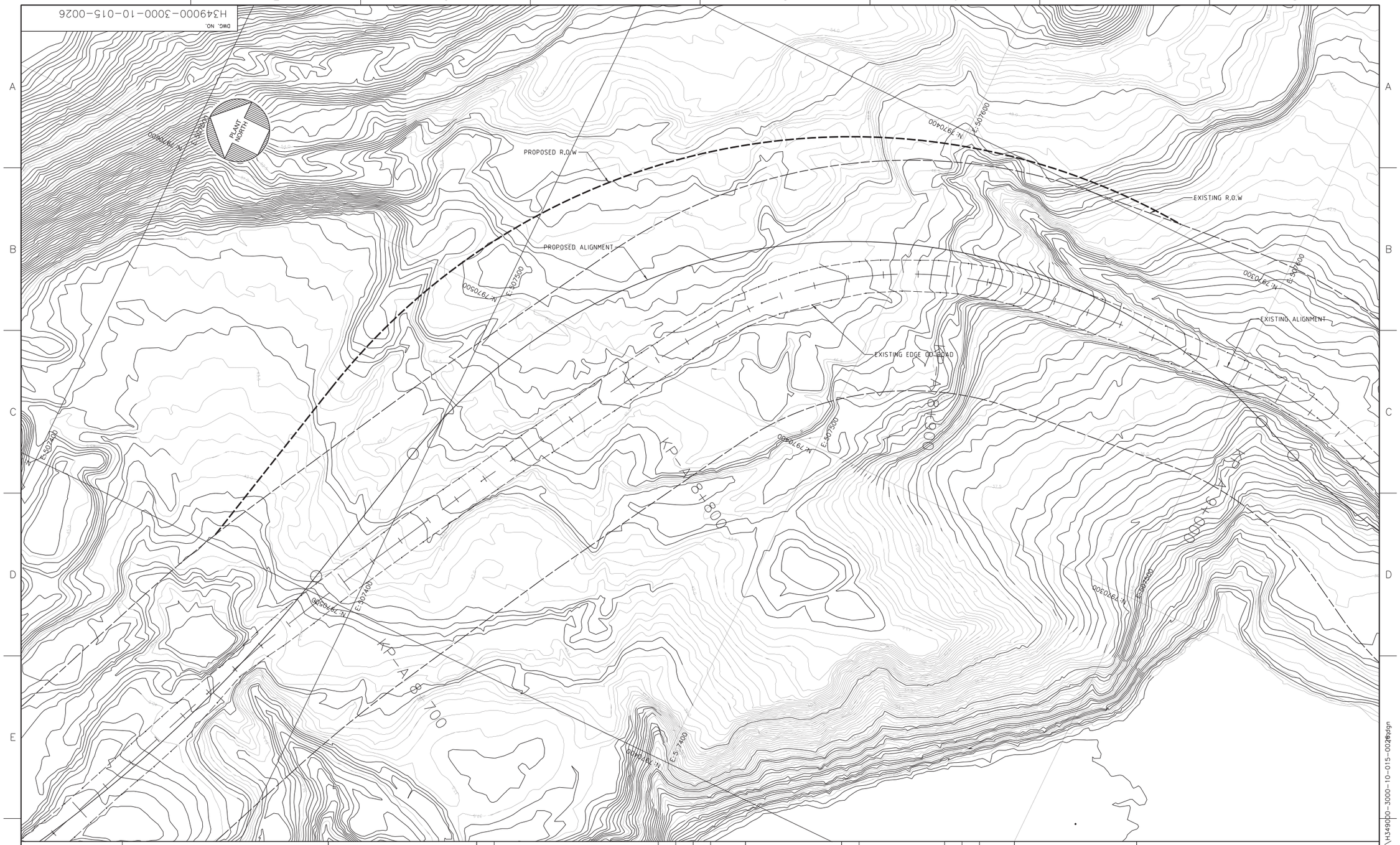
Baffinland
IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 17+400
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0027 | A |

c:\pr\projectwise\cam61244\dms74793\H349000-3000-10-015-0027A.dgn
4/3/2013 5:31:27 PM
CAM61244




| DRAWING NO. | DRAWING TITLE |
|---|---|

REFERENCE DRAWINGS

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("CLIENT") AND IS ISSUED PURSUANT TO THE AGREEMENT BETWEEN CLIENT AND HATCH LTD ("HATCH"). UNLESS OTHERWISE AGREED TO IN WRITING BY HATCH, HATCH DISCLAIMS ANY LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF, OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION TO THIS DRAWING BY ANY THIRD PARTY. UNLESS OTHERWISE AGREED TO IN WRITING BY HATCH, THE INSTRUMENTS OF SERVICE, INCLUDING BUT NOT LIMITED TO THIS DRAWING, AND ALL INFORMATION EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland
IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 8+800
PLAN

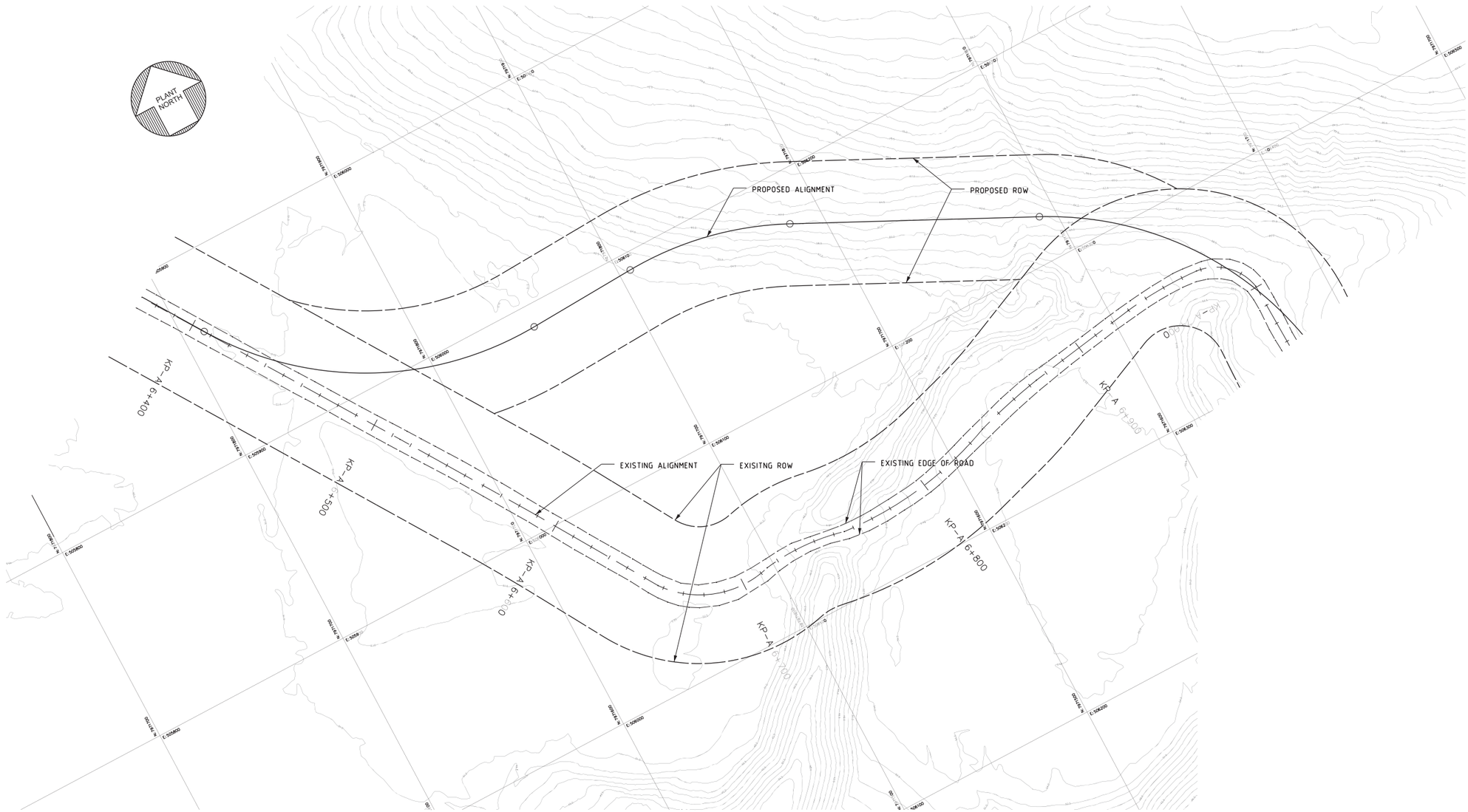
| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0026 | A |

c:\pri\projectwise\mig46679\dms74793\H349000-3000-10-015-0026.dgn
4/4/2013 8:53:38 AM
mig46679

DWG. NO. H349000-3000-10-015-0025

DWG. NO. H349000-3000-10-015-0024

DWG. NO. H349000-3000-10-015-0023




| DRAWING NO. | DRAWING TITLE |
|---|---|
| REFERENCE DRAWINGS | |

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("LICENSEE") AND IS ISSUED PURSUANT TO LICENSEE'S AGREEMENT WITH HATCH LTD. ("HATCH"). THIS DRAWING IS TRANSMITTED TO LICENSEE ON THE UNDERSTANDING THAT (1) LICENSEE WILL USE THE DRAWING FOR INFORMATION, INTERPRETATION, OPERATION AND MAINTENANCE ONLY; (2) HATCH DOES NOT ACCEPT ANY LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THE DRAWING BY ANY PARTY OTHER THAN LICENSEE; (3) LICENSEE WILL NOT MODIFY THE DRAWING WITHOUT HATCH'S WRITTEN CONSENT; AND (4) THIS DRAWING IS CONFIDENTIAL AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| REVISIONS | | | | | |

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|
| ISSUE AUTHORIZATION | | | |

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>L CAMPBELL<br>DATE 02/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

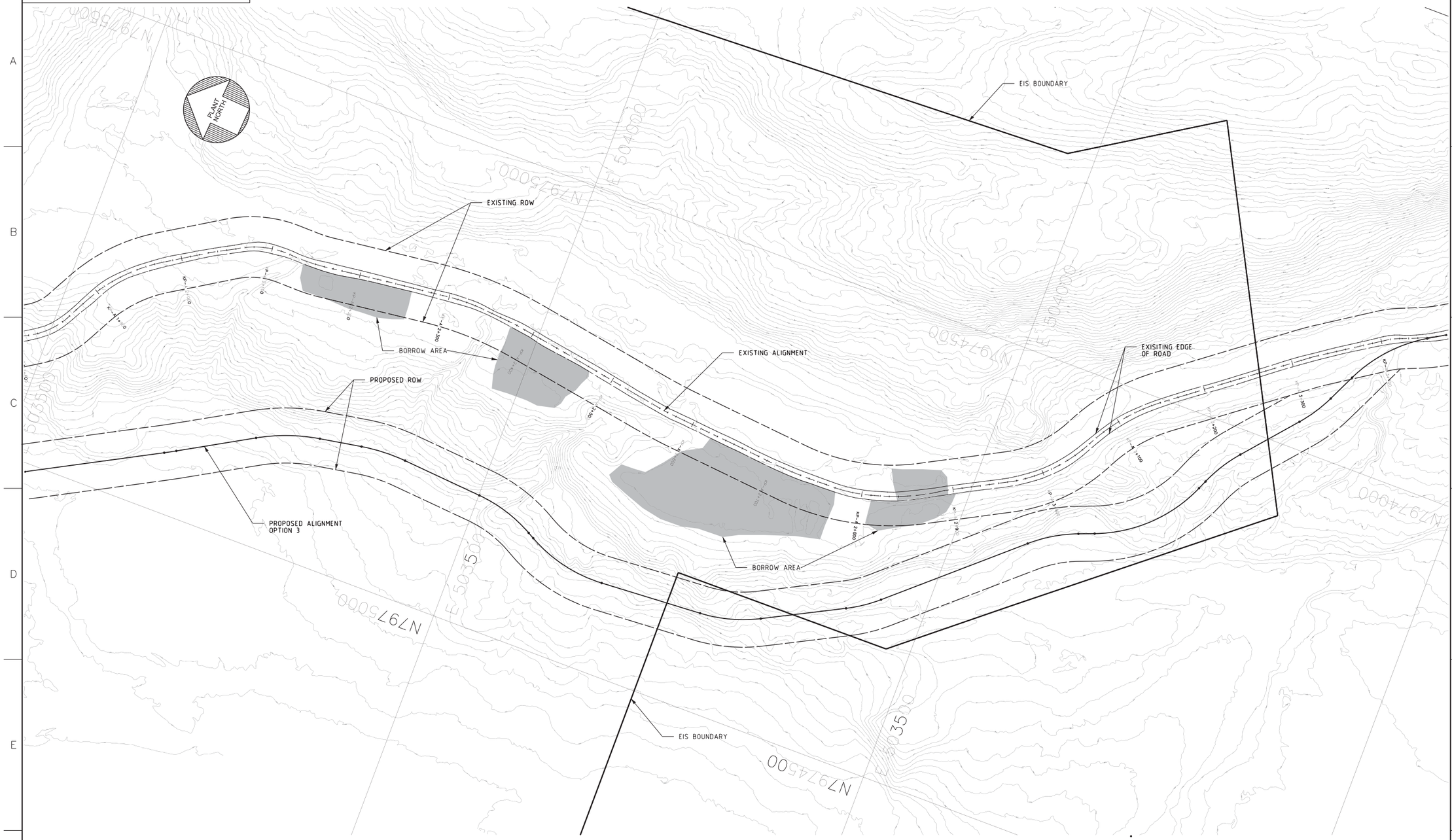
MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON
STA. 6+400– TO STA. 7+00

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:1000 OR AS NOTED | H349000-3000-10-015-0023 | A |

c:\pri\projectwise\mig46679\dms74793\H349000-3000-10-015-0023.dgn
4/4/2013 8:54:18 AM
mig46679

DWG. NO. H349000-3000-10-015-0022




THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("CLIENT") AND IS ISSUED PURSUANT TO CLIENT CONTRACT. IT MAY NOT BE RELIED UPON BY ANY OTHER PERSON OR ENTITY. (2) UNLESS OTHERWISE AGREED IN WRITING BY HATCH, (1) THIS DRAWING; (A) HATCH DOES NOT ACCEPT AND DISCLAIMS ANY AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY PERSON OR ENTITY OTHER THAN CLIENT, OR ANY USE OF THIS DRAWING BY ANY PERSON OR ENTITY FOR ANY PURPOSE OTHER THAN THE PURPOSE OF THE CONTRACT, AND (B) THIS DRAWING IS CONFIDENTIAL, AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| DRAWING NO. | DRAWING TITLE |
|---|---|

REFERENCE DRAWINGS

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>L CAMPBELL<br>DATE 02/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON
STA. 1+800 TO STA. 3+470

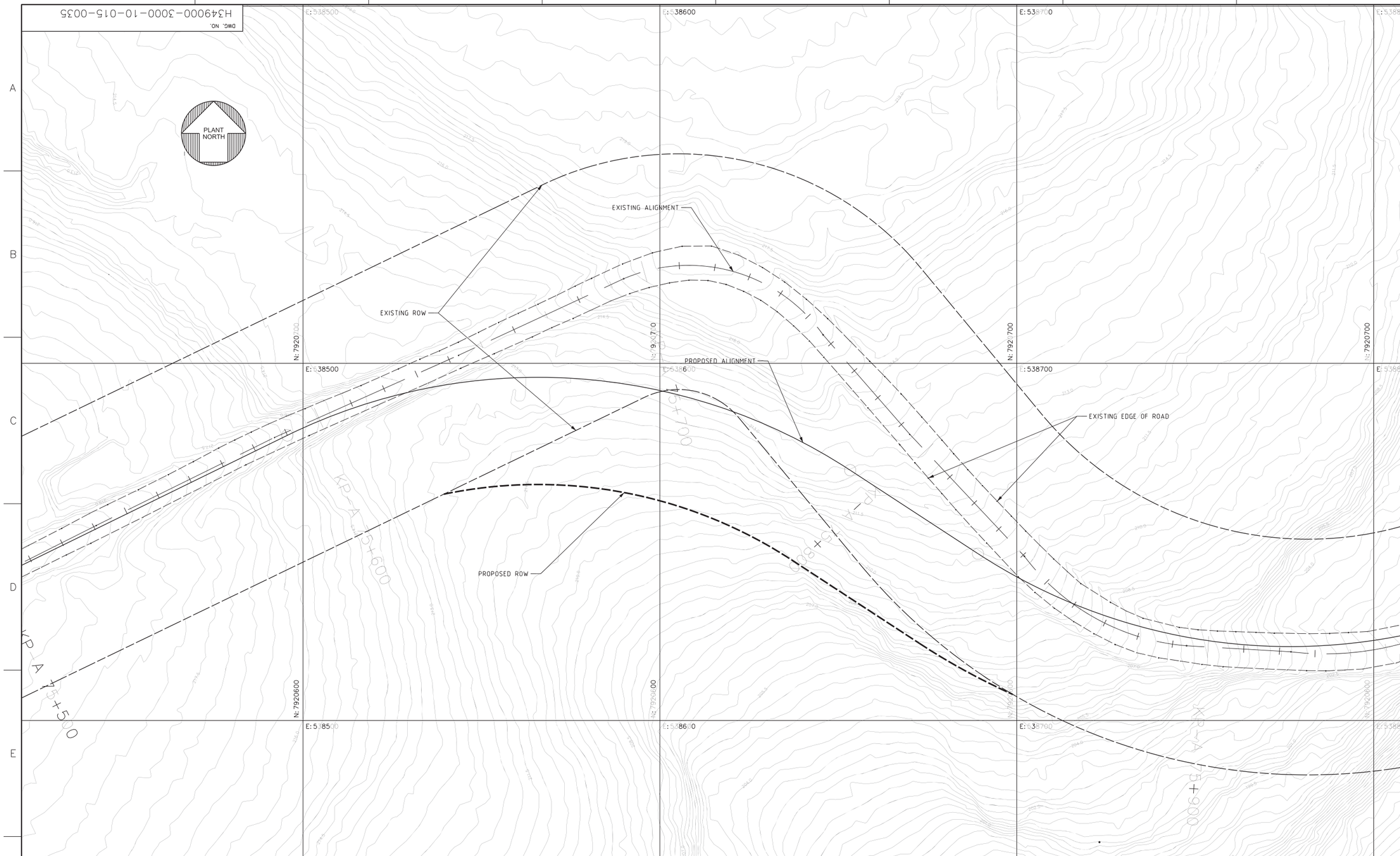
SCALE 1:2000 OR AS NOTED

DWG. NO. H349000-3000-10-015-0022

REV. A

c:\pri\projectwise\cam61244\dms74793\H349000-3000-10-015-0022A.dgn
4/3/2013 4:50:00 PM
CAM61244

DWG. NO. H349000-3000-10-015-0035




THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION ("CLIENT"), AND IS ISSUED PURSUANT TO THE AGREEMENT BETWEEN CLIENT AND HATCH LTD. ("HATCH"). UNLESS OTHERWISE AGREED TO IN WRITING BY HATCH, HATCH MAKES NO REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, AND ALL LIABILITY OR RESPONSIBILITY ARISING FROM ANY USE OF OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION TO THIS DRAWING BY ANY THIRD PARTY IS EXCLUDED IN ITS ENTIRETY. FOR GREATER CERTAINTY, CLIENT AND ITS AGENTS, EMPLOYEES OR REPRESENTATIVES IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

| DRAWING NO. | DRAWING TITLE |
|---|---|

REFERENCE DRAWINGS

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|

REVISIONS

| REV. | ISSUE FOR | AUTH. BY | DATE |
|---|---|---|---|

ISSUE AUTHORIZATION

HATCH™

| | |
|---|---|
| DESIGNED BY<br>DATE | DRAWN BY<br>K.MIGUEL<br>DATE 01/04/13 |
| CHECKED BY<br>DATE | DISCIP. ENGR.<br>DATE |
| PROJ. DES. COORD.<br>DATE | PROJ. ENGR.<br>DATE |
| PROJ. MGR.<br>DATE | |

Baffinland

MARY RIVER PROJECT – ERP

TOTE ROAD
ALIGNMENT COMPARISON STA. 75+750
PLAN

| SCALE | DWG. NO. | REV. |
|---|---|---|
| 1:500 OR AS NOTED | H349000-3000-10-015-0035 | A |

c:\pri\projectwise\mig46679\dms74793\H349000-3000-10-015-0035.dgn
4/3/2013 5:45:37 PM
mig46679