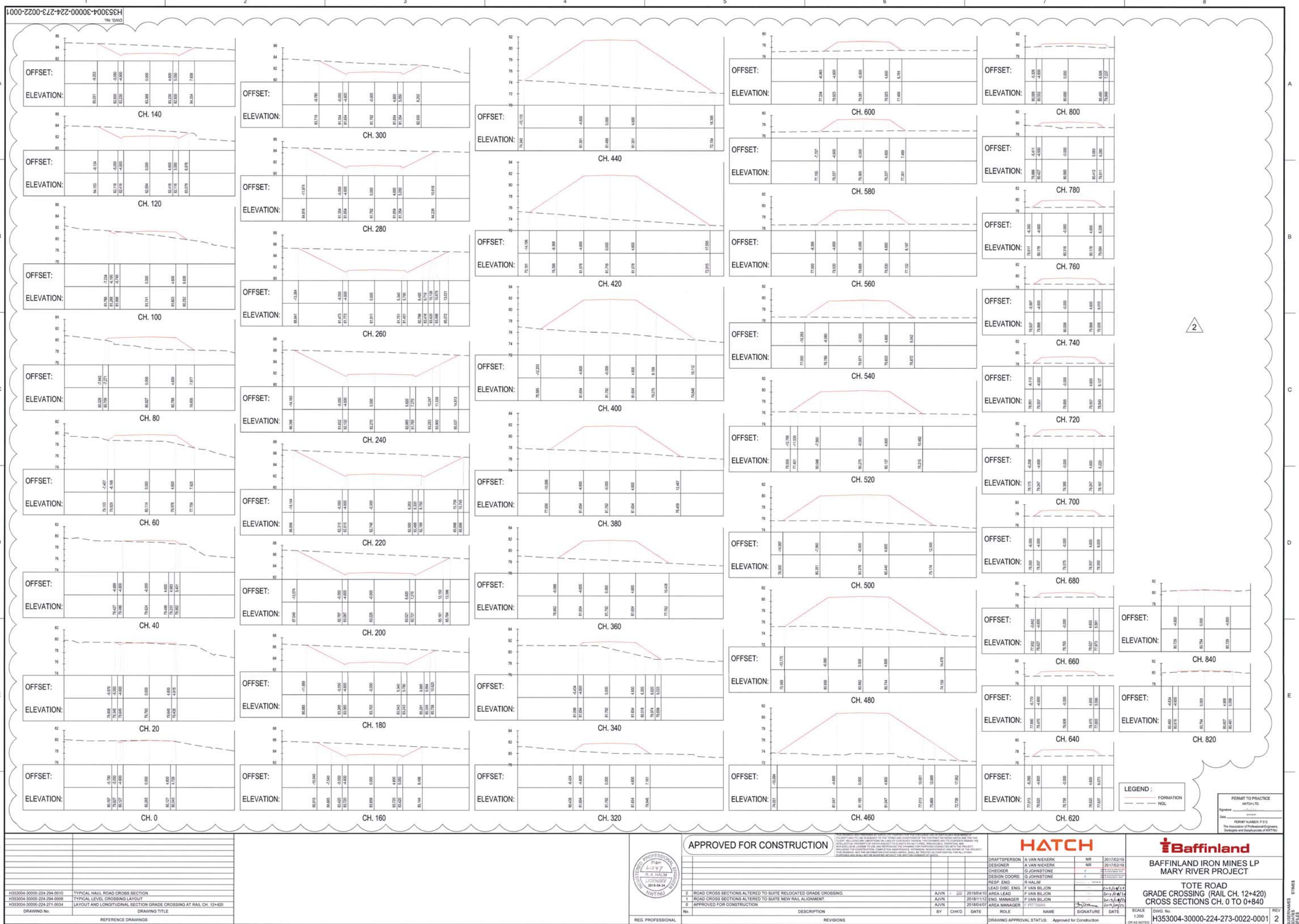


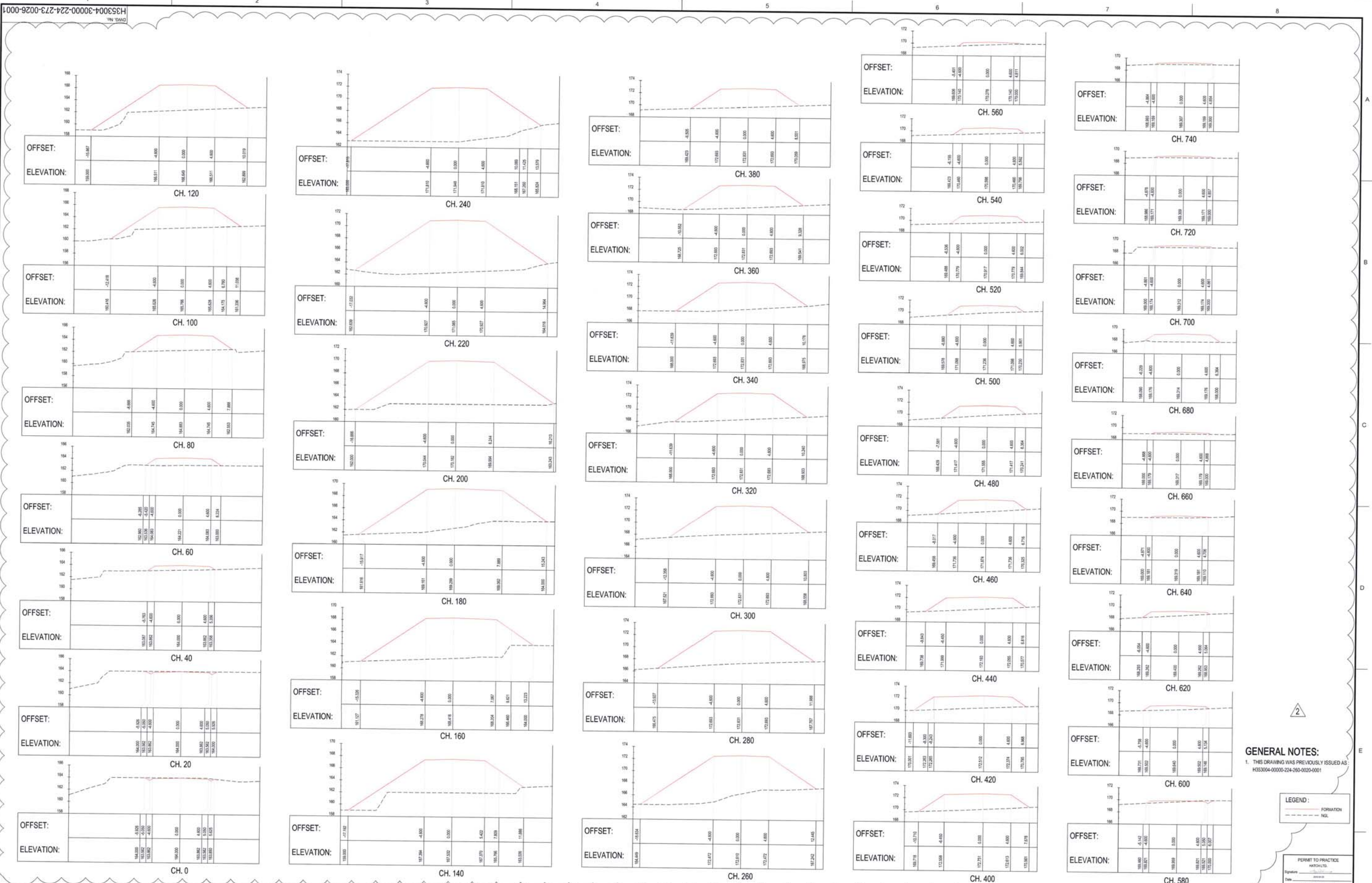
## Attachment 12.3

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### **Tote Road Grade Crossing Sections**

(3 Pages)





**GENERAL NOTES:**  
1. THIS DRAWING WAS PREVIOUSLY ISSUED AS:  
H353004-00000-224-273-0026-0001

**LEGEND:**  
FORMATION  
NGL

PERMIT TO PRACTICE  
HATCH LTD.  
Signature: [Signature]  
Date: [Date]  
PERMIT NUMBER: P-512  
The Association of Professional Engineers,  
Geologists and Geoscientists of BC (APEGBC)

| DRAWING No.                     | REFERENCE DRAWINGS                      |
|---------------------------------|-----------------------------------------|
| H353004-30000-224-273-0026-0001 | CROSS SECTIONS CH. 760-950 TO CH. 1+040 |
| H353004-30000-224-294-0010-0001 | TYPICAL HAUL ROAD CROSS SECTION         |
| H353004-30000-224-294-0008-0001 | TYPICAL LEVEL CROSSING LAYOUT           |
| H353004-30000-224-271-0006-0001 | GRADE CROSSING AT 95+957                |

| NO. | DESCRIPTION                                                    | REVISIONS |
|-----|----------------------------------------------------------------|-----------|
| 1   | ROAD CROSS SECTIONS ALTERED TO SUITE RELOCATED GRADE CROSSING. |           |
| 2   | ROAD CROSS SECTIONS ALTERED TO SUITE CHANGED RAIL ALIGNMENT.   |           |
| 3   | APPROVED FOR CONSTRUCTION                                      |           |

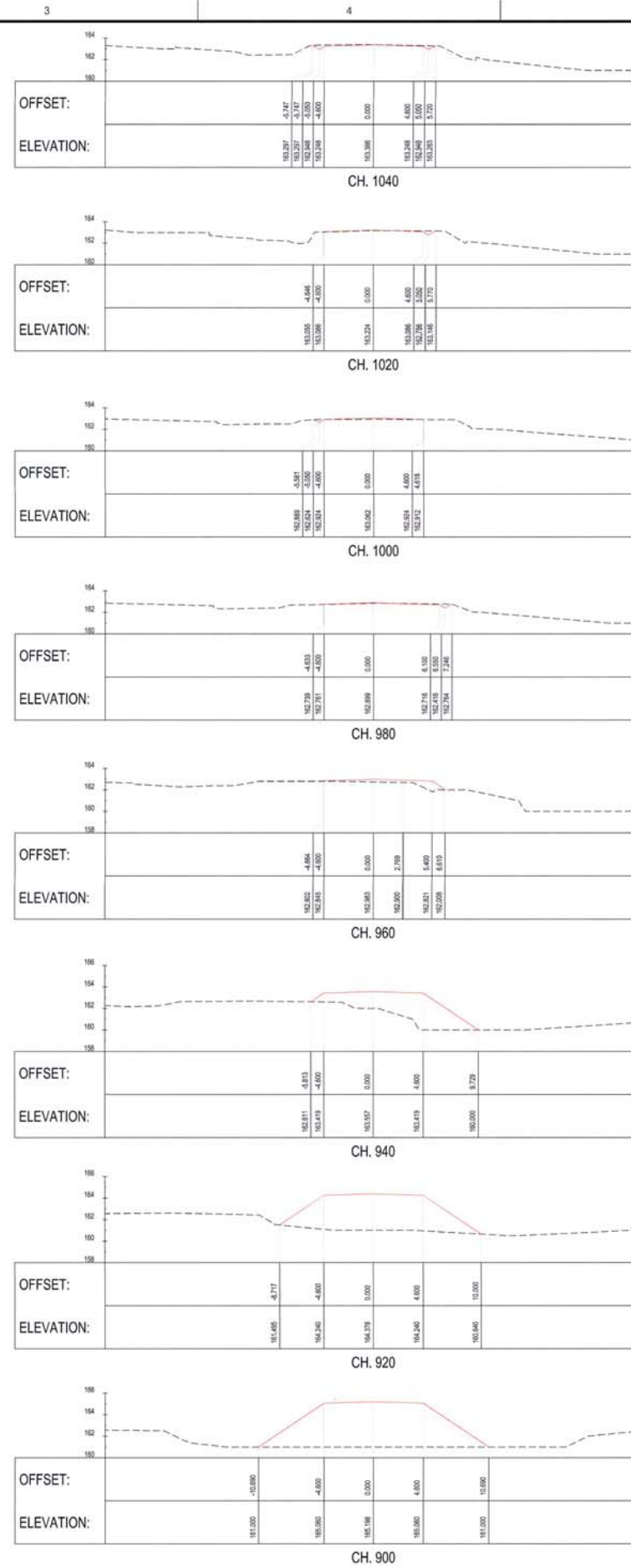
REG. PROFESSIONAL  
R. A. TALAM  
2019-04-25  
NAITRAJ

APPROVED FOR CONSTRUCTION

| NO. | DESCRIPTION                                                    | REVISIONS |
|-----|----------------------------------------------------------------|-----------|
| 1   | ROAD CROSS SECTIONS ALTERED TO SUITE RELOCATED GRADE CROSSING. |           |
| 2   | ROAD CROSS SECTIONS ALTERED TO SUITE CHANGED RAIL ALIGNMENT.   |           |
| 3   | APPROVED FOR CONSTRUCTION                                      |           |

| DESIGNER         | A. VAN NIEKERK | NR | 2017/02/13 |
|------------------|----------------|----|------------|
| CHECKER          | A. VAN NIEKERK | NR | 2017/02/13 |
| DESIGN COORD.    | Q. JOHNSTONE   |    |            |
| LEAD DESIG. ENG. | R. HALIM       |    |            |
| RESP. ENG.       | F. VAN BILJON  |    |            |
| AREA LEAD        | F. VAN BILJON  |    |            |
| ENG. MANAGER     | F. VAN BILJON  |    |            |
| AREA MANAGER     | F. PITTMAN     |    |            |

| SCALE      | 1:200                           |
|------------|---------------------------------|
| DWG. No.   | H353004-30000-224-273-0026-0001 |
| REV        | 2                               |
| SHEET SIZE | A1                              |



PERMIT TO PRACTICE  
HATCH LTD.  
Signature \_\_\_\_\_  
Date \_\_\_\_\_  
PERMIT NUMBER: P-512  
The Association of Professional Engineers  
Geoscientists and Geomaterialists of New

|                                |                                      |
|--------------------------------|--------------------------------------|
|                                |                                      |
|                                |                                      |
|                                |                                      |
|                                |                                      |
| H93004-30000-224-271-0026-0001 | CROSS SECTIONS CH. 0+000 TO CH 0+740 |
| H93004-30000-224-294-0010-0001 | TYPICAL HAUL ROAD CROSS SECTION      |
| H93004-30000-224-294-0009-0001 | TYPICAL LEVEL CROSSING LAYOUT        |
| H93004-30000-224-271-0028-0001 | GRADE CROSSING AT 95+957             |
| DRAWING No.                    | DRAWING TITLE                        |
|                                | REFERENCE DRAWING                    |

|                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |                                                    |                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                       |                                                       |  |  |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------|-------------------------------------------------------|--|--|
|  | APPROVED FOR CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                         |  |  | HATCH                                              |                                                                                                                                                                                                                                                                                                                                                                       |  |  | Baffinland                                            |                                                       |  |  |
|                                                                                       | This drawing was prepared by the design engineer under the direction and supervision of the design engineer responsible for the design and is not to be used for any other purpose without the written consent of the design engineer. The design engineer is not responsible for the construction of the project and is not to be used for any other purpose without the written consent of the design engineer. |  |  |                                                    | DRAFTSPERSON A VAN NIEKERK NR 2017/02/13<br>DESIGNER A VAN NIEKERK NR 2017/02/13<br>CHECKER G JOHNSTONE # 2017/02/13<br>DESIGN COORD G JOHNSTONE # 2017/02/13<br>RESP. ENG. R HALIM # 2017/02/13<br>LEAD DISC. ENG. F VAN BILJON # 2017/02/13<br>AREA LEAD F VAN BILJON # 2017/02/13<br>ENG. MANAGER F VAN BILJON # 2017/02/13<br>AREA MANAGER F PITTMAN # 2017/02/13 |  |  |                                                       | SCALE 1:200<br>DWG NO: H353004-30000-224-273-0046-000 |  |  |
| 0 APPROVED FOR CONSTRUCTION                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  | A/JVN 0 000 2019/04/12                             |                                                                                                                                                                                                                                                                                                                                                                       |  |  | 2019-04-26                                            |                                                       |  |  |
| No. DESCRIPTION                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  | BY CHKD DATE                                       |                                                                                                                                                                                                                                                                                                                                                                       |  |  | ROLE NAME SIGNATURE DATE                              |                                                       |  |  |
| REVISIONS                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  | DRAWING APPROVAL STATUS: Approved for Construction |                                                                                                                                                                                                                                                                                                                                                                       |  |  | SCALE 1:200<br>DWG NO: H353004-30000-224-273-0046-000 |                                                       |  |  |