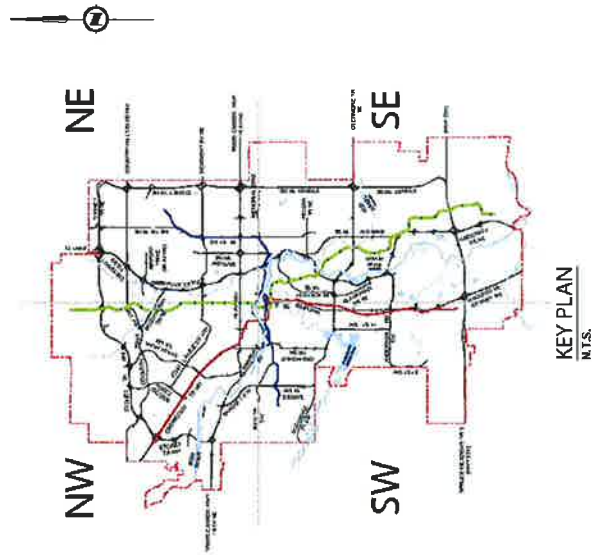


# Green Line LRT Alignment: 160 Avenue N to Seton



**GREEN LINE LRT**  
ALIGNMENT - 160 AVENUE N TO SETON  
JUNE 2017



## LEGEND:

- Green Line LRT
- Underground Tunnel
- Bridge
- Station Location
- Station Park 'N' Ride
- Community Landmarks
- Adjacent to Green Line
- Industrial - Employee Intensive Areas (Municipal Development Plan)
- Activity Centres and Corridors (Municipal Development Plan)
- TOD Study Areas

## GENERAL NOTES:

1. The following plan drawings are for illustrative purposes and not for construction.
2. Properties that appear to be impacted due to the Green Line LRT Alignment are currently under review.
3. Station names are subject to change.
4. There may be refinements to the alignment and station locations during detail design phase.

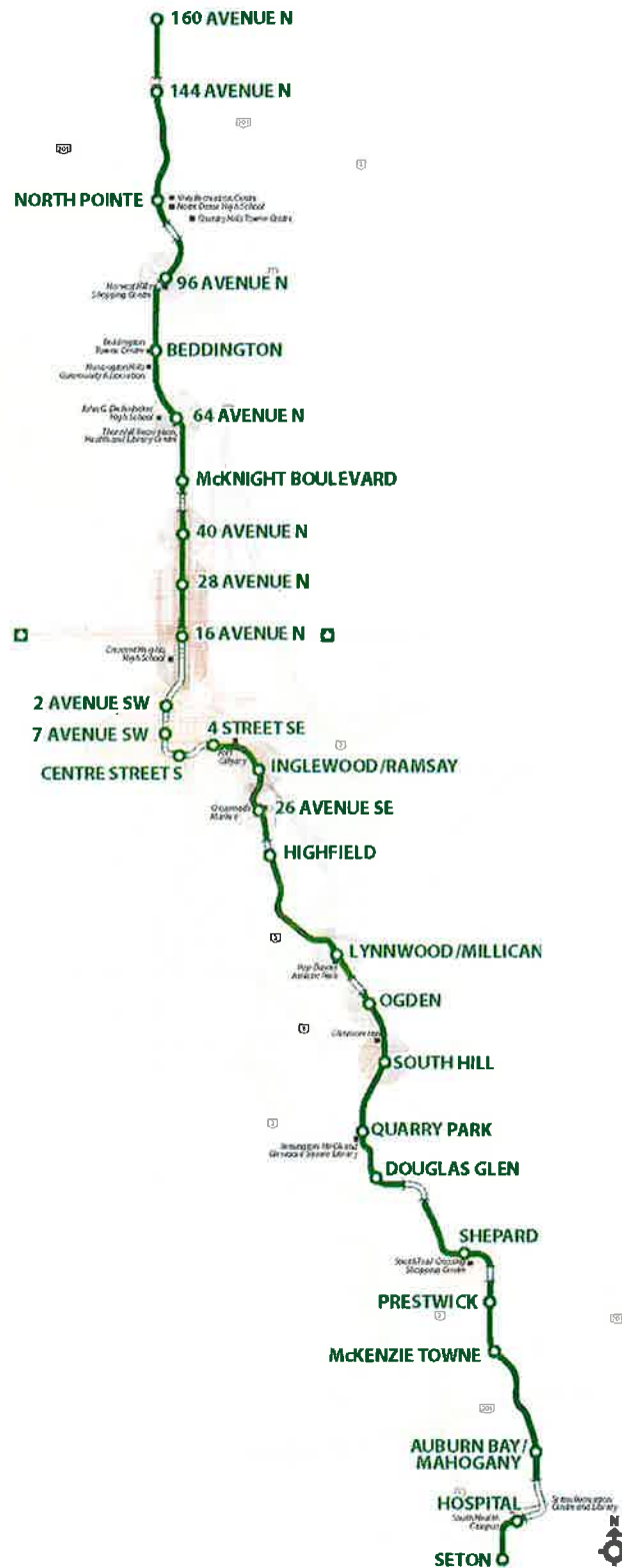
Green Line LRT Alignment: 160 Avenue N to Seton



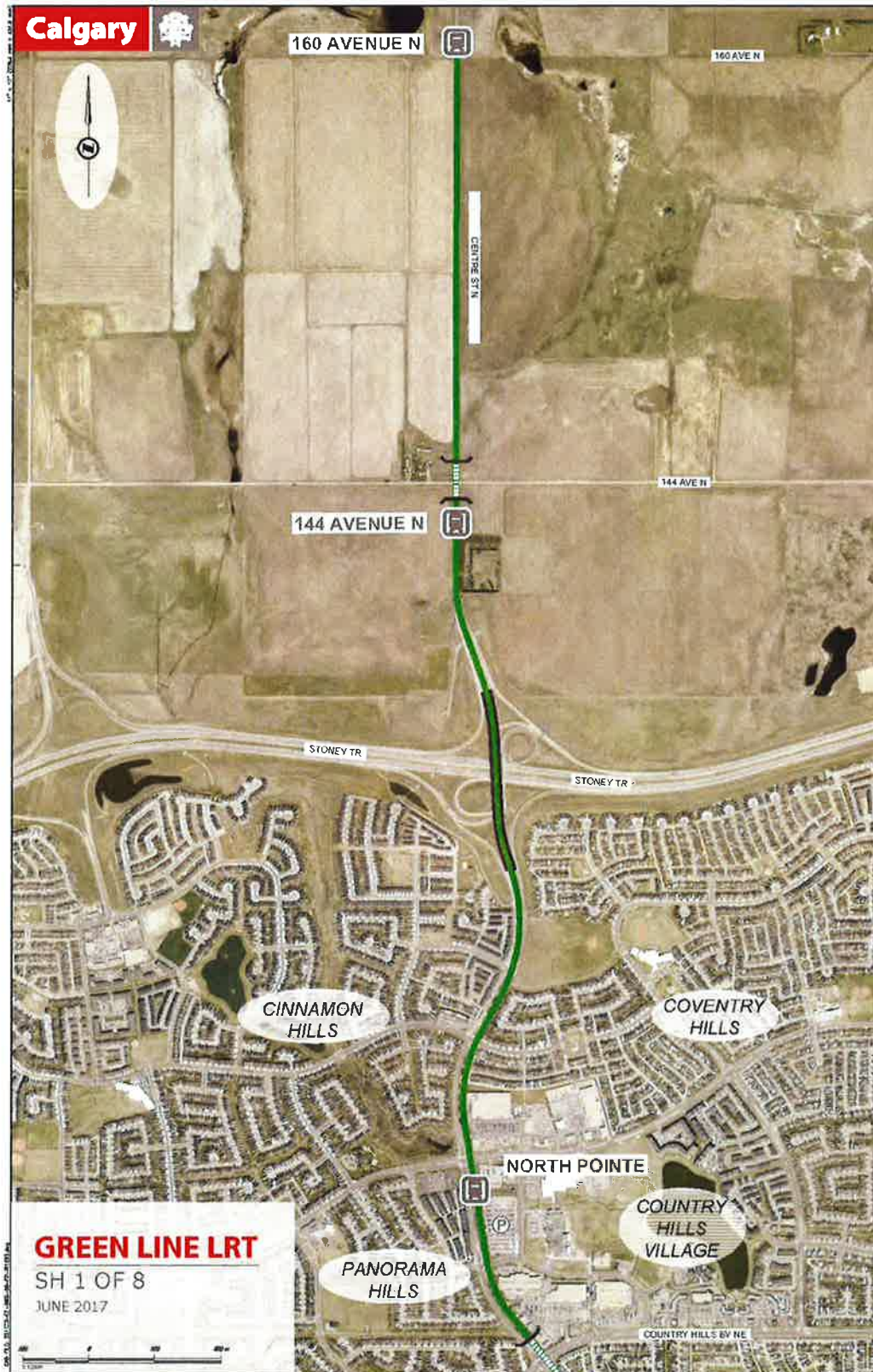
TABLE OF CONTENTS

- 1. Alignment Overview
- 2. Aerial Overlay Maps
- 3. Plan/Profiles for North Segment Functional Design
- 4. Plan/Profiles for Southeast Segment Preliminary Design

## Green Line LRT Alignment: 160 Avenue N to Seton



## Green Line LRT Alignment: 160 Avenue N to Seton





# Green Line LRT Alignment: 160 Avenue N to Seton





## Green Line LRT Alignment: 160 Avenue N to Seton





## Green Line LRT Alignment: 160 Avenue N to Seton



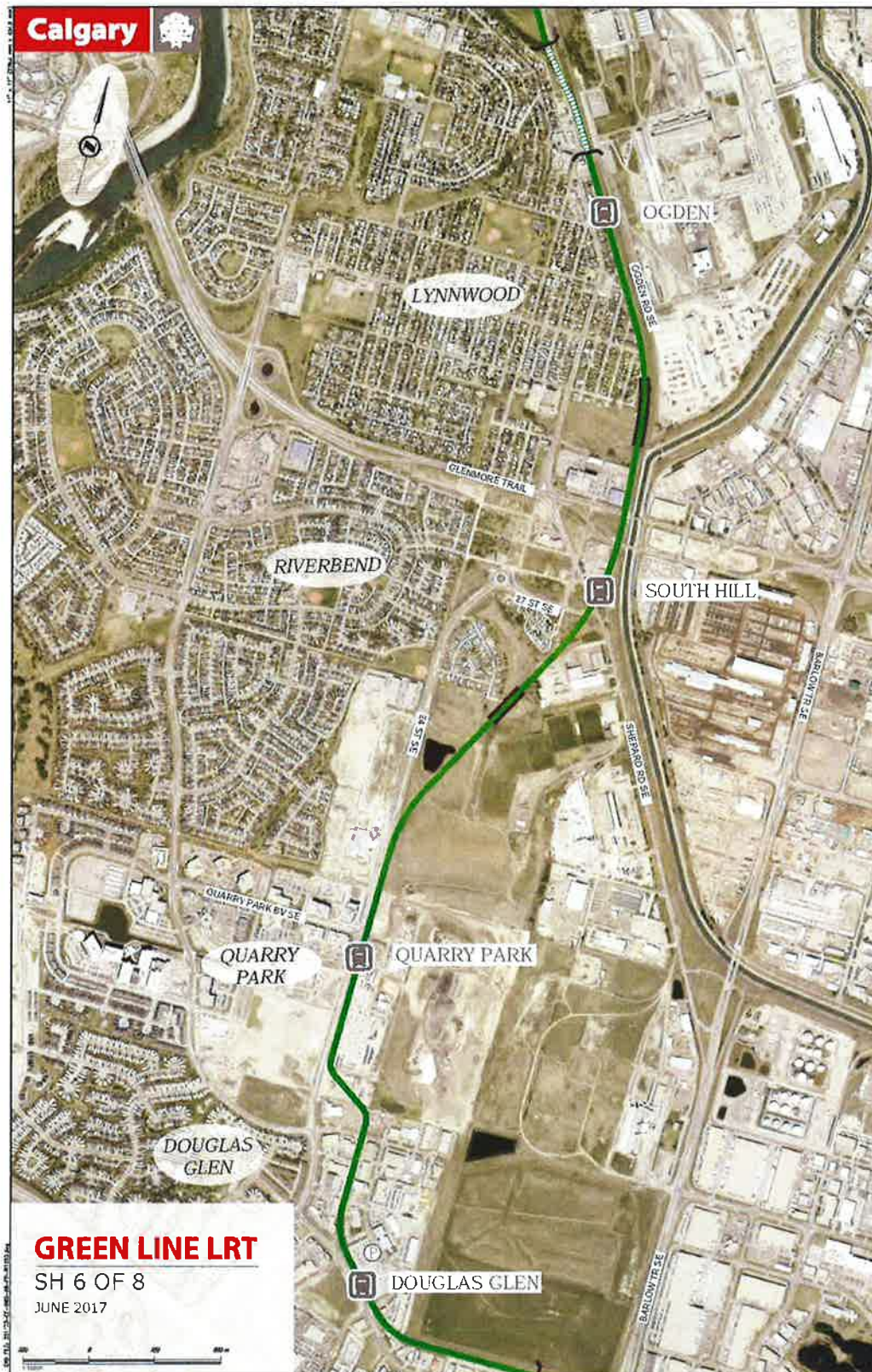


## Green Line LRT Alignment: 160 Avenue N to Seton





## Green Line LRT Alignment: 160 Avenue N to Seton





# Green Line LRT Alignment: 160 Avenue N to Seton





## Green Line LRT Alignment: 160 Avenue N to Seton





**GREEN LINE LRT  
LRT PLAN AND PROFILE DRAWINGS**

**ISSUED FOR COUNCIL REPORT**

**PACKAGE NUMBER: H-351173-TS-DWG-No-FP-AL9001    VER: D**

**HATCH**

PROJECT	GREEN LINE LRT
DATE	2017-05-24
BY	AL9001
CHECKED	AL9001
APPROVED	AL9001
SCALE	1:1
PROJECT NUMBER	H-351173-TS-DWG-No-FP-AL9001



[illegible][illegible]



**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S**  
**OUTBOUND CENTRELINE - STA 189+273.00 - STA 189+273.00**

**Scale:** 1" = 100'

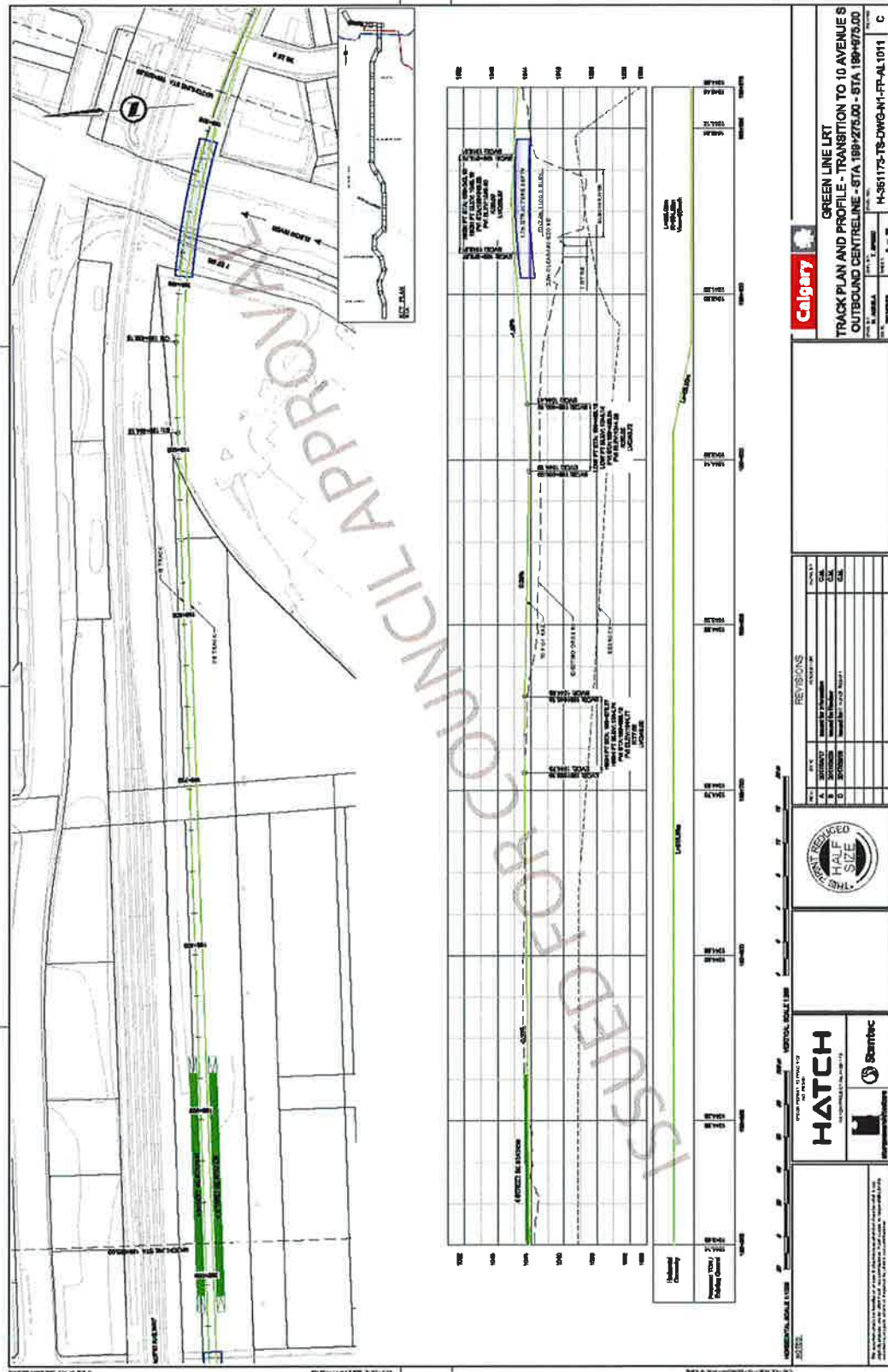
**Revisions:**

NO.	DATE	BY	CHKD	DESCRIPTION
1	10/1/2011	J. [Name]	[Name]	ISSUED FOR COUNCIL APPROVAL

**HATCH**  
**Scantec**  
**City of Calgary**

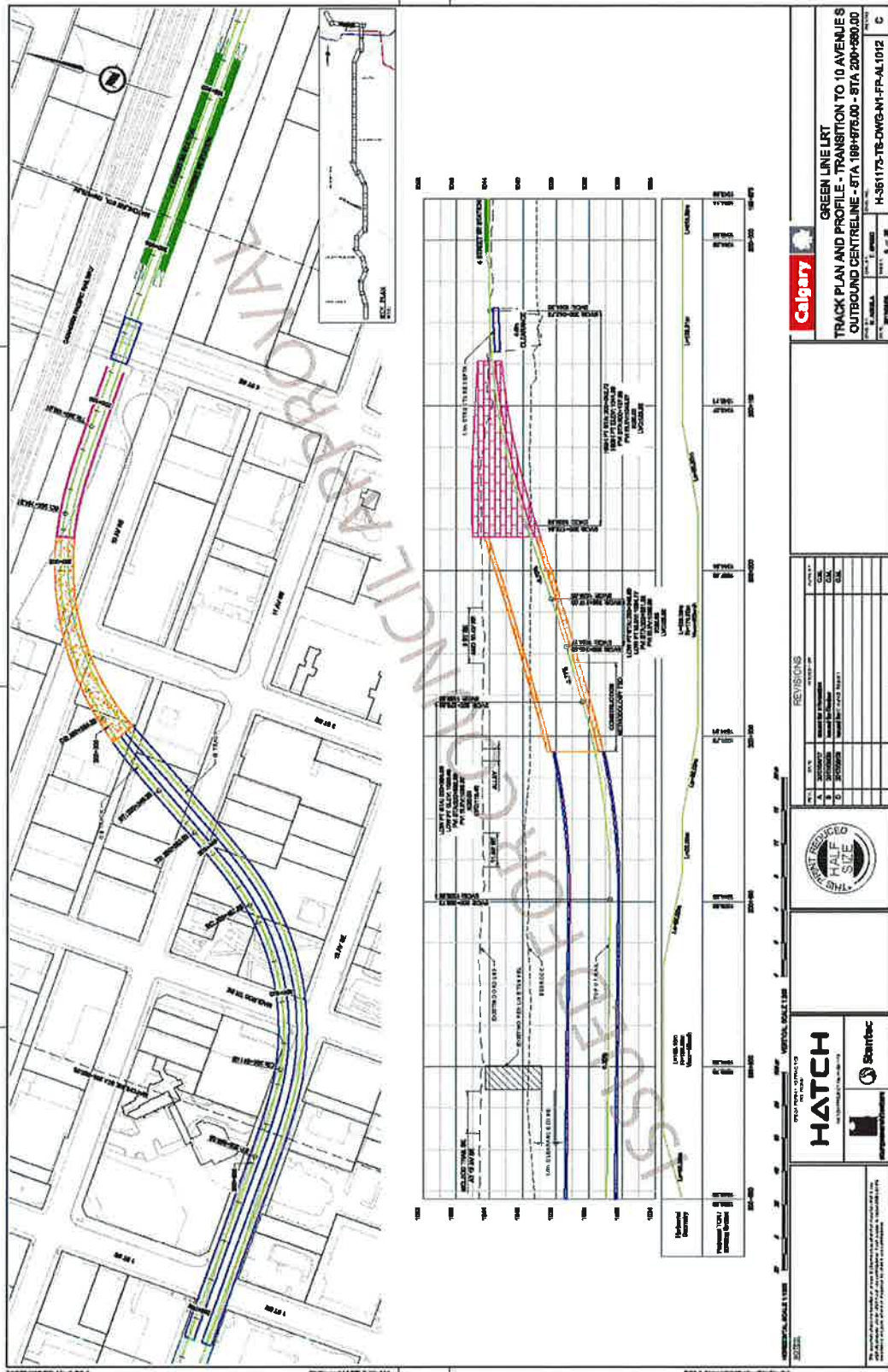
**Project:** GREEN LINE LRT  
**Drawn by:** [Name]  
**Checked by:** [Name]  
**Scale:** 1" = 100'

# Green Line LRT Alignment: 160 Avenue N to Seton





# Green Line LRT Alignment: 160 Avenue N to Seton



**GREEN LINE TR**  
**TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S**  
**OUTBOUND CENTRELINE - STA 200+000.00 - STA 201+250.00**

**Calgary**

**HATCH**  
**HALF**  
**SIZE**

**Revisions:**

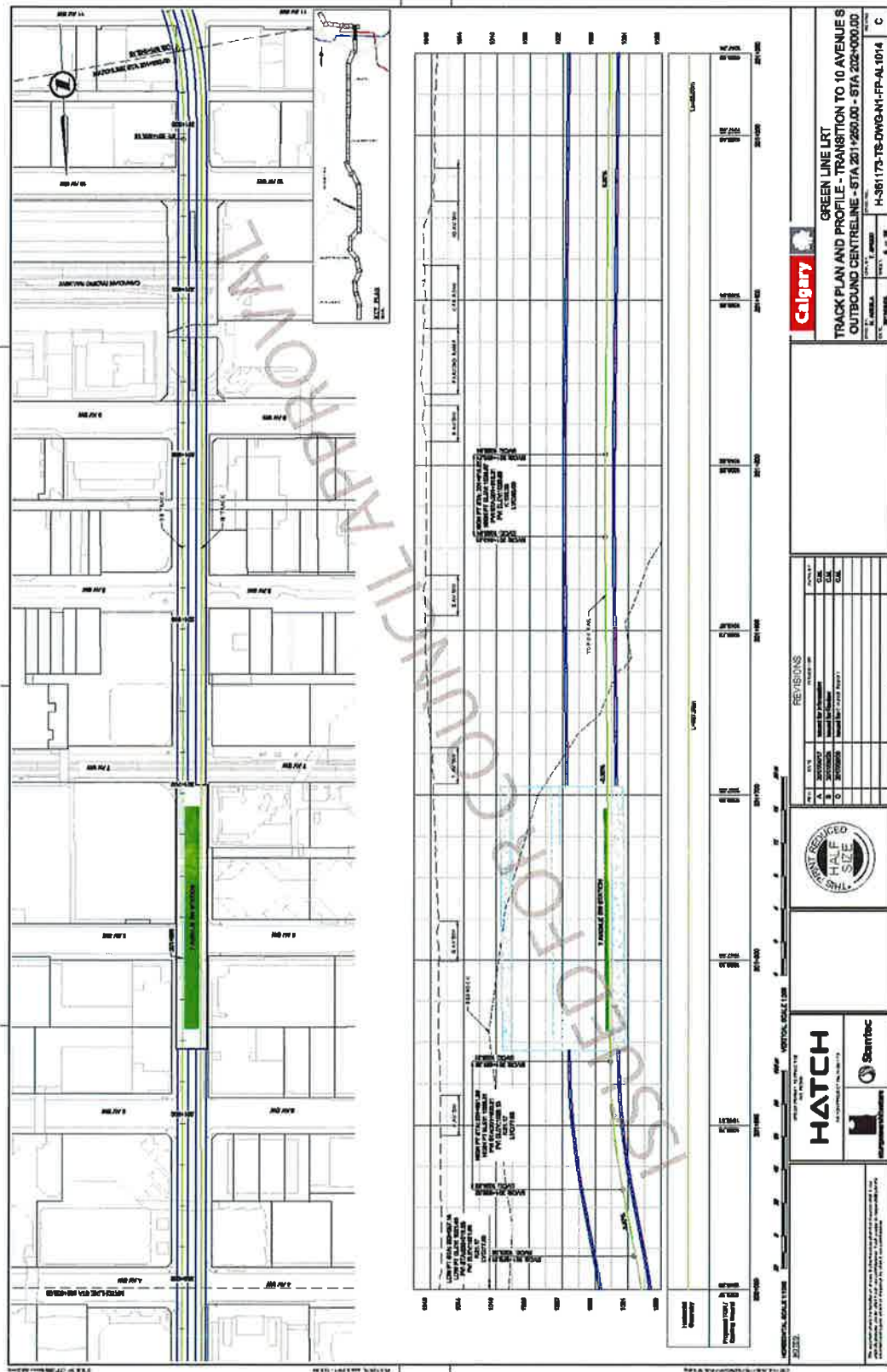
NO.	DATE	BY	CHK	APP	DESCRIPTION
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2	2010-01-15	J. [Name]	[Name]	[Name]	ISSUED FOR PERMIT
3	2010-01-15	J. [Name]	[Name]	[Name]	ISSUED FOR PERMIT

**Scale:** 1" = 100' (PLAN), 1" = 10' (PROFILE)

**Notes:**

- 1. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 2. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 3. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 4. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 5. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 6. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 7. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
- 8. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.
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- 10. TRACK CENTERLINE TO BE SHOWN AT ALL TIMES.

# Green Line LRT Alignment: 160 Avenue N to Seton

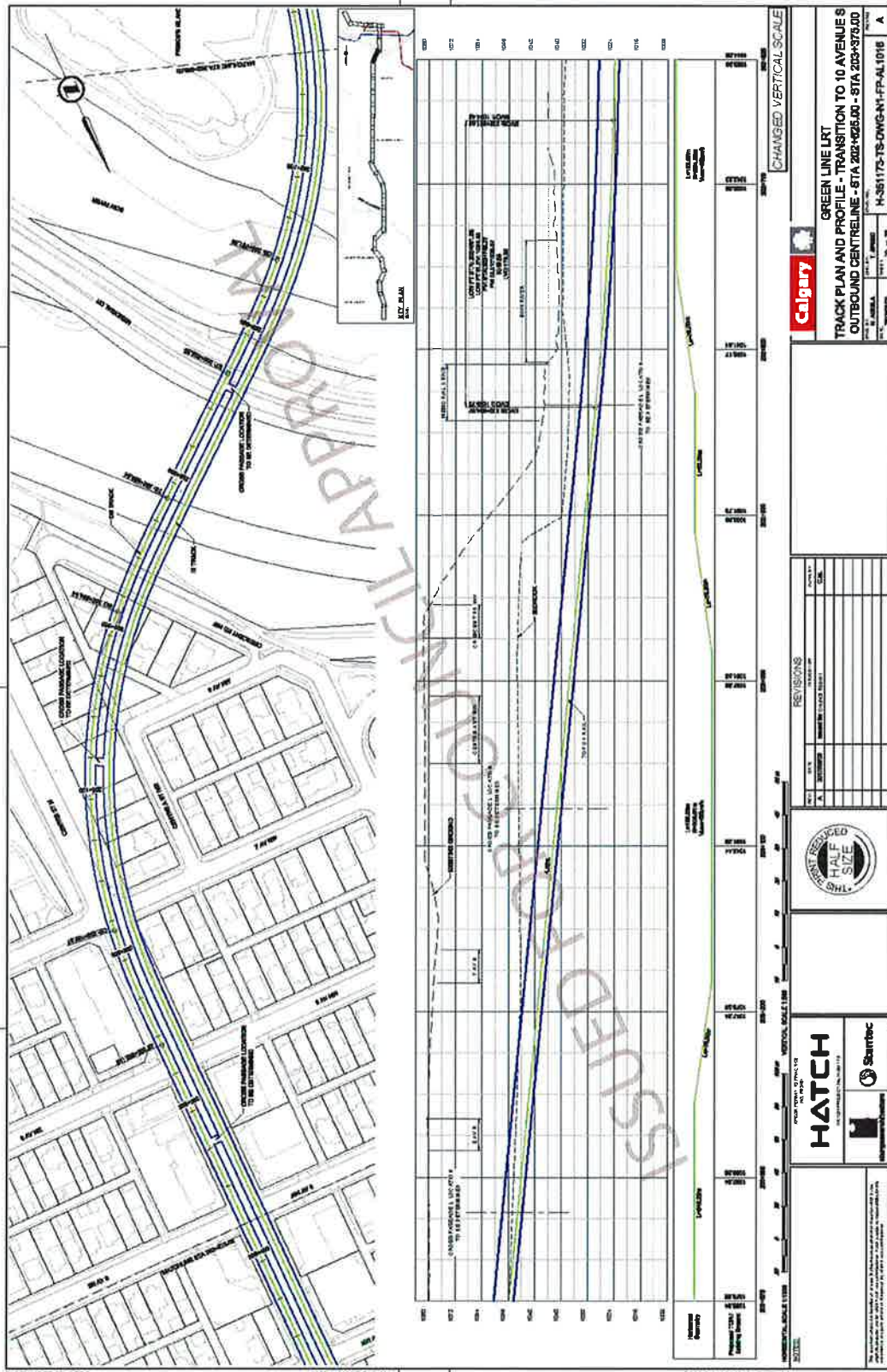




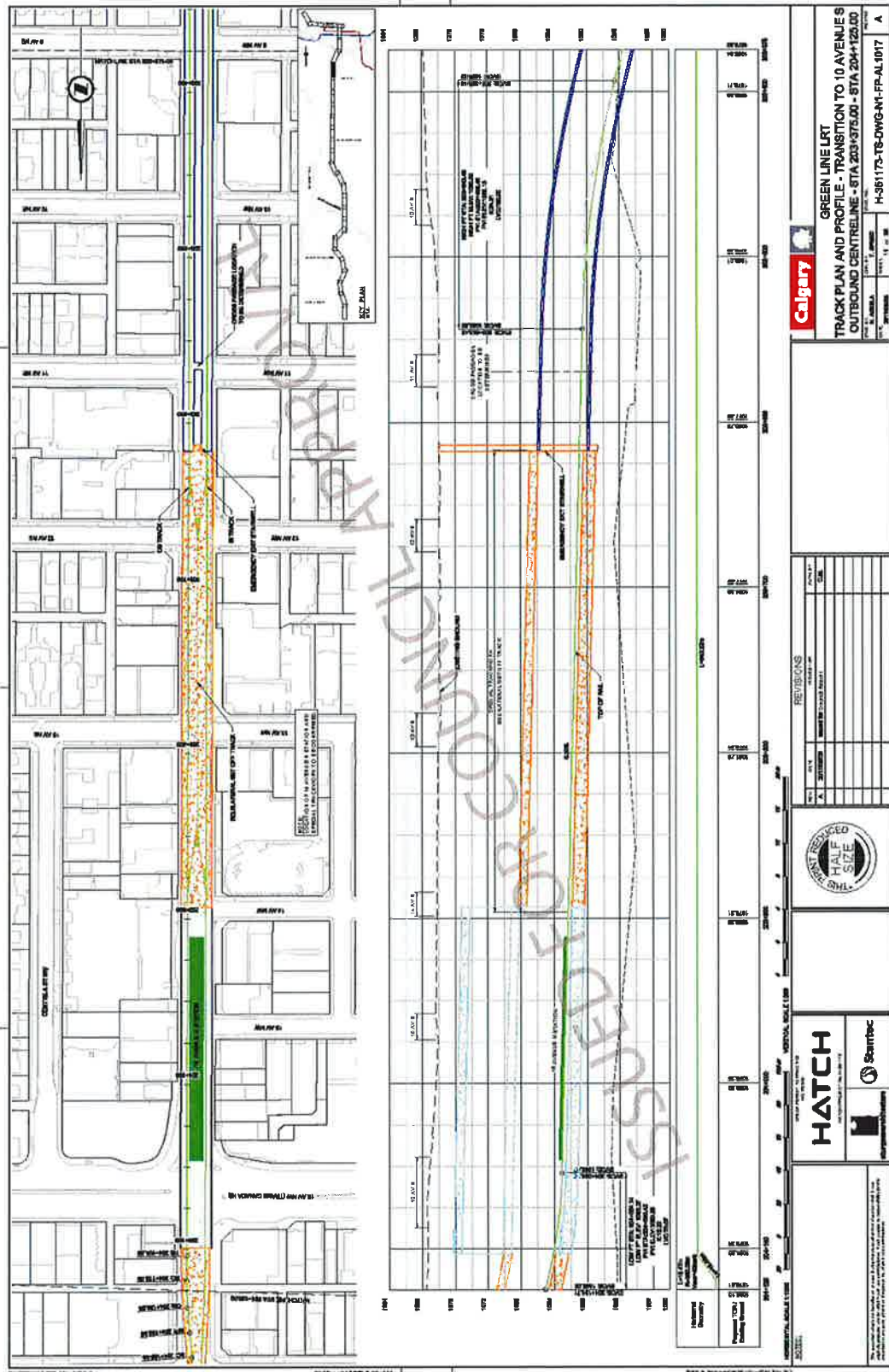




# Green Line LRT Alignment: 160 Avenue N to Seton



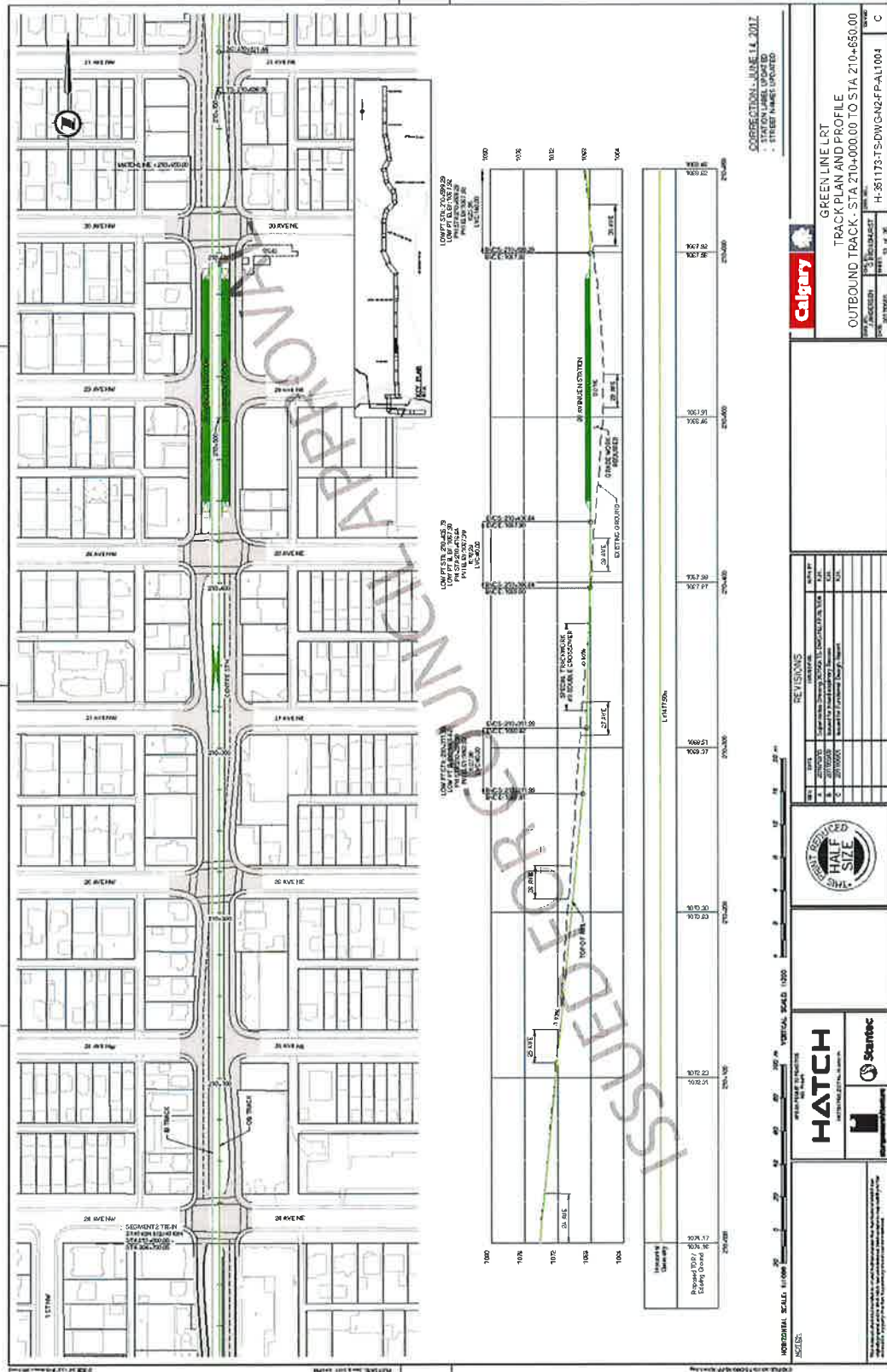
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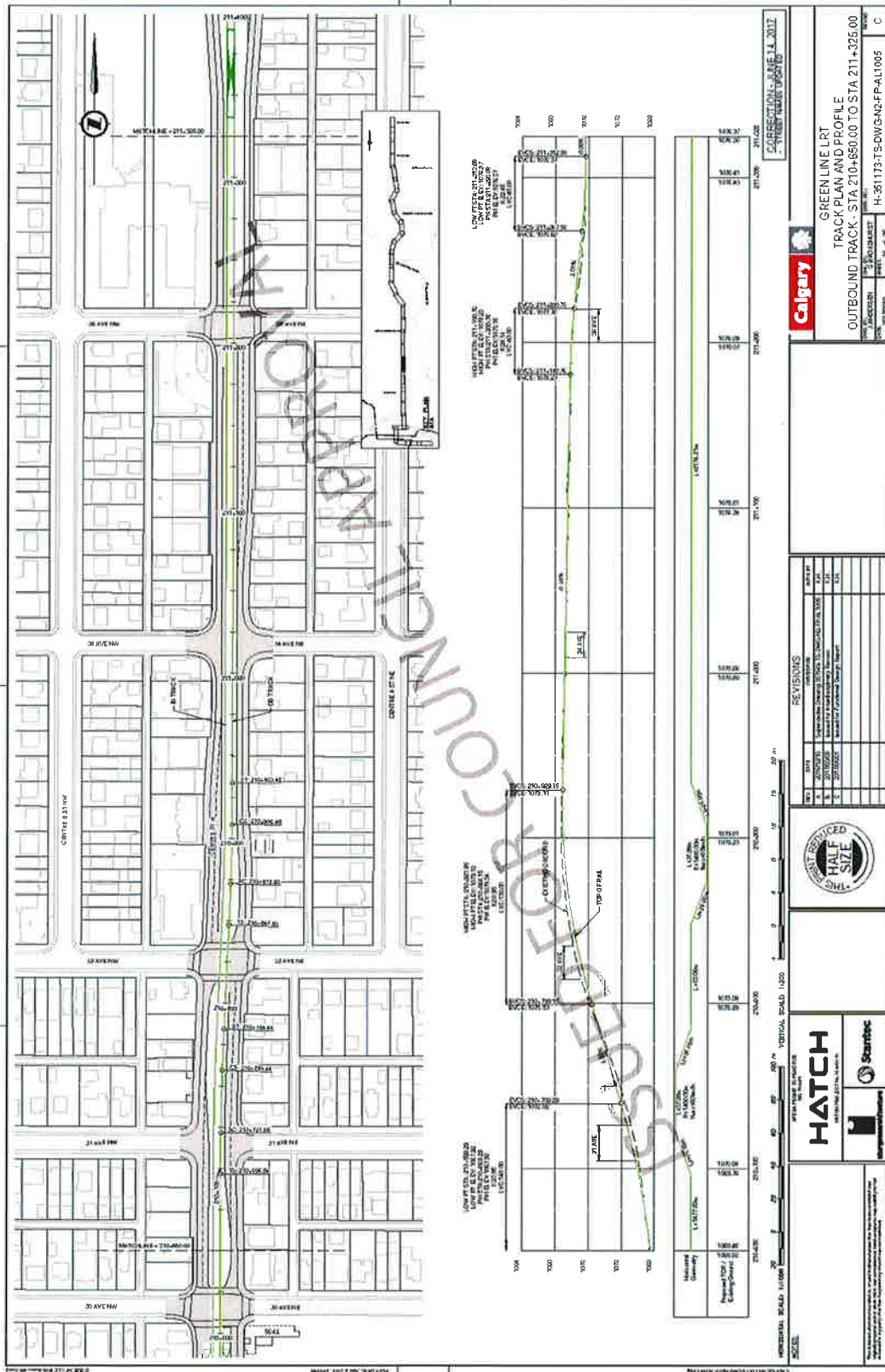


# Green Line LRT Alignment: 160 Avenue N to Seton





# Green Line LRT Alignment: 160 Avenue N to Seton



**GREENLINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 211+325.00 TO STA 212+050.00**

**REVISIONS**

NO.	DATE	DESCRIPTION	BY	CHKD BY
1	20110203	Initial Design	...	...
2	20110203	Revised for Engineering Design	...	...

**HATCH**  
**HALF SIZE**  
**SCANTRAC**

**PROJECT INFORMATION**

PROJECT NO.	211-0000
CLIENT	Calgary
DATE	20110203
BY	...
CHKD BY	...

**VERTICAL SCALE 1:1000**  
**VERTICAL SCALE 1:200**

**STATIONING**

STATION	ELEVATION (m)
211+00	1000.00
211+20	1000.00
211+40	1000.00
211+60	1000.00
211+80	1000.00
212+00	1000.00



**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 212+00.00 TO STA 212+785.00**

**Calgary**

**HATCH**  
 PREPARED FOR THE CITY OF CALGARY  
 PROJECT NO. 2017-001  
 DATE: 2017-01-10

**Revisions:**

NO.	DATE	DESCRIPTION
1	2017-01-10	Issue for Review
2	2017-01-10	Issue for Review
3	2017-01-10	Issue for Review

**Scale:**  
 HORIZONTAL SCALE: 1"=100'  
 VERTICAL SCALE: 1"=20'

**Notes:**  
 1. ALL DIMENSIONS ARE IN METERS.  
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.  
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.  
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

[illegible]



**GREEN LINE LRT  
TRACK PLAN AND PROFILE  
OUTBOUND TRACK - STA 213+450.00 TO STA 214+775.00**

**CORRECTION - JUNE 14, 2017  
- STREET NAME CHANGED**

**DEVISIONS**

DATE	DESCRIPTION
20170614	ISSUED FOR CONSTRUCTION
20170614	ISSUED FOR CONSTRUCTION
20170614	ISSUED FOR CONSTRUCTION

**HATCH**  
HATCHING: 1/8" = 1'-0"

**STANTEC**

**SCALE**  
HORIZONTAL SCALE: 1" = 100' 0"  
VERTICAL SCALE: 1" = 20' 0"

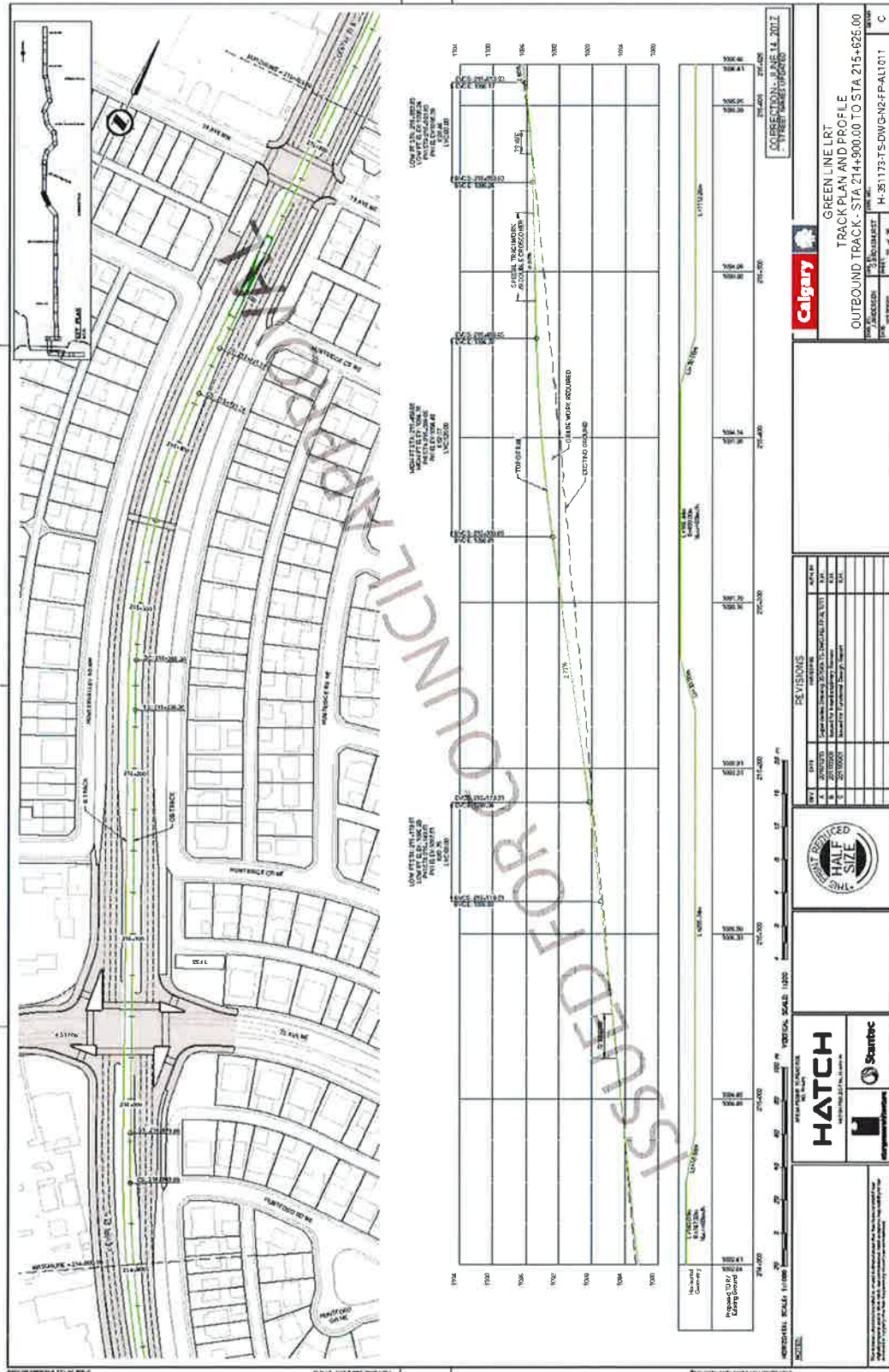
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Station	Elevation
213+450.00	1017.24
213+500.00	1017.24
213+550.00	1017.24
213+600.00	1017.24
213+650.00	1017.24
213+700.00	1017.24
213+750.00	1017.24
213+800.00	1017.24
213+850.00	1017.24
213+900.00	1017.24
213+950.00	1017.24
214+000.00	1017.24
214+050.00	1017.24
214+100.00	1017.24
214+150.00	1017.24
214+200.00	1017.24
214+250.00	1017.24
214+300.00	1017.24
214+350.00	1017.24
214+400.00	1017.24
214+450.00	1017.24
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214+750.00	1017.24

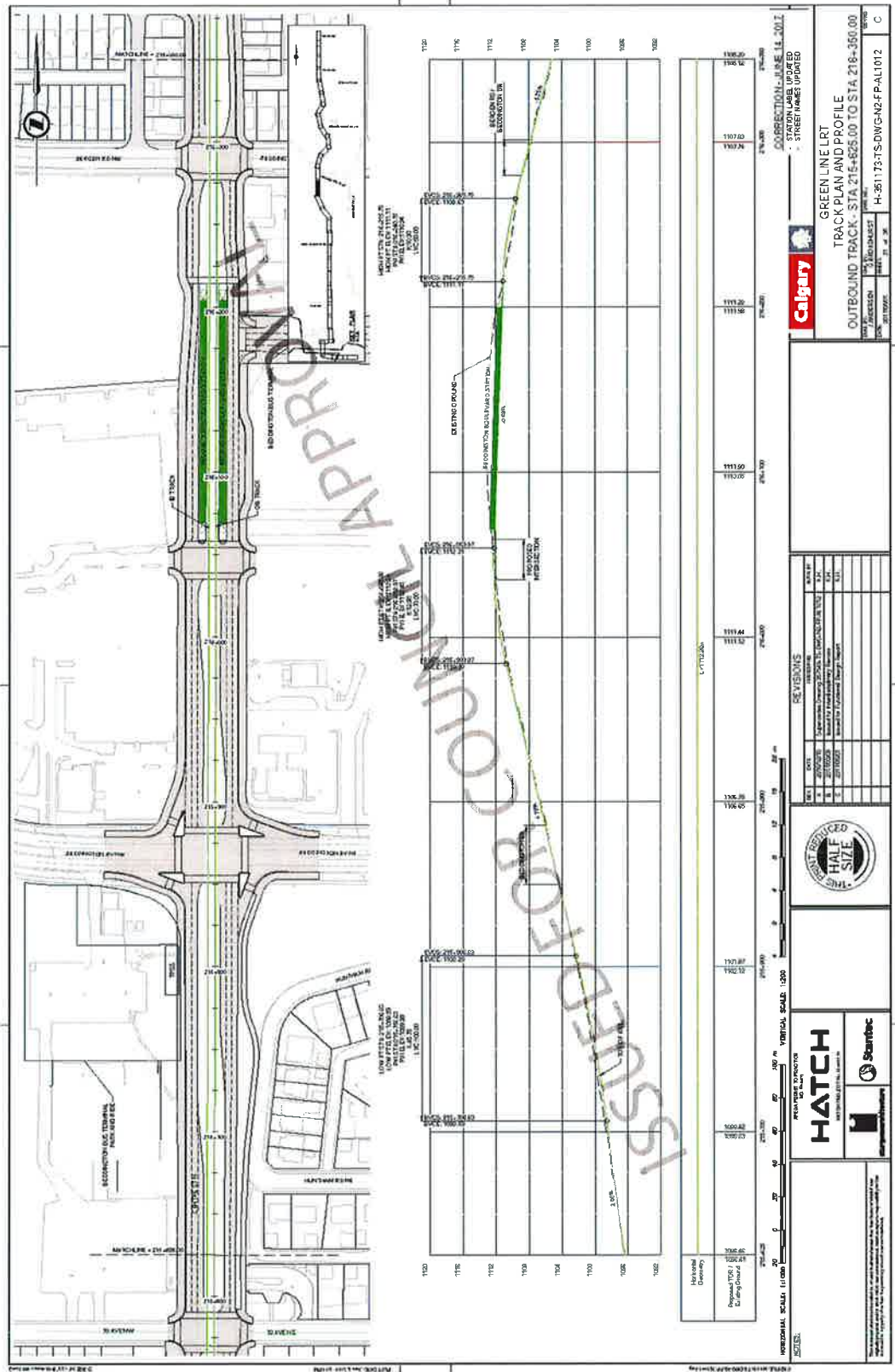




# Green Line LRT Alignment: 160 Avenue N to Seton

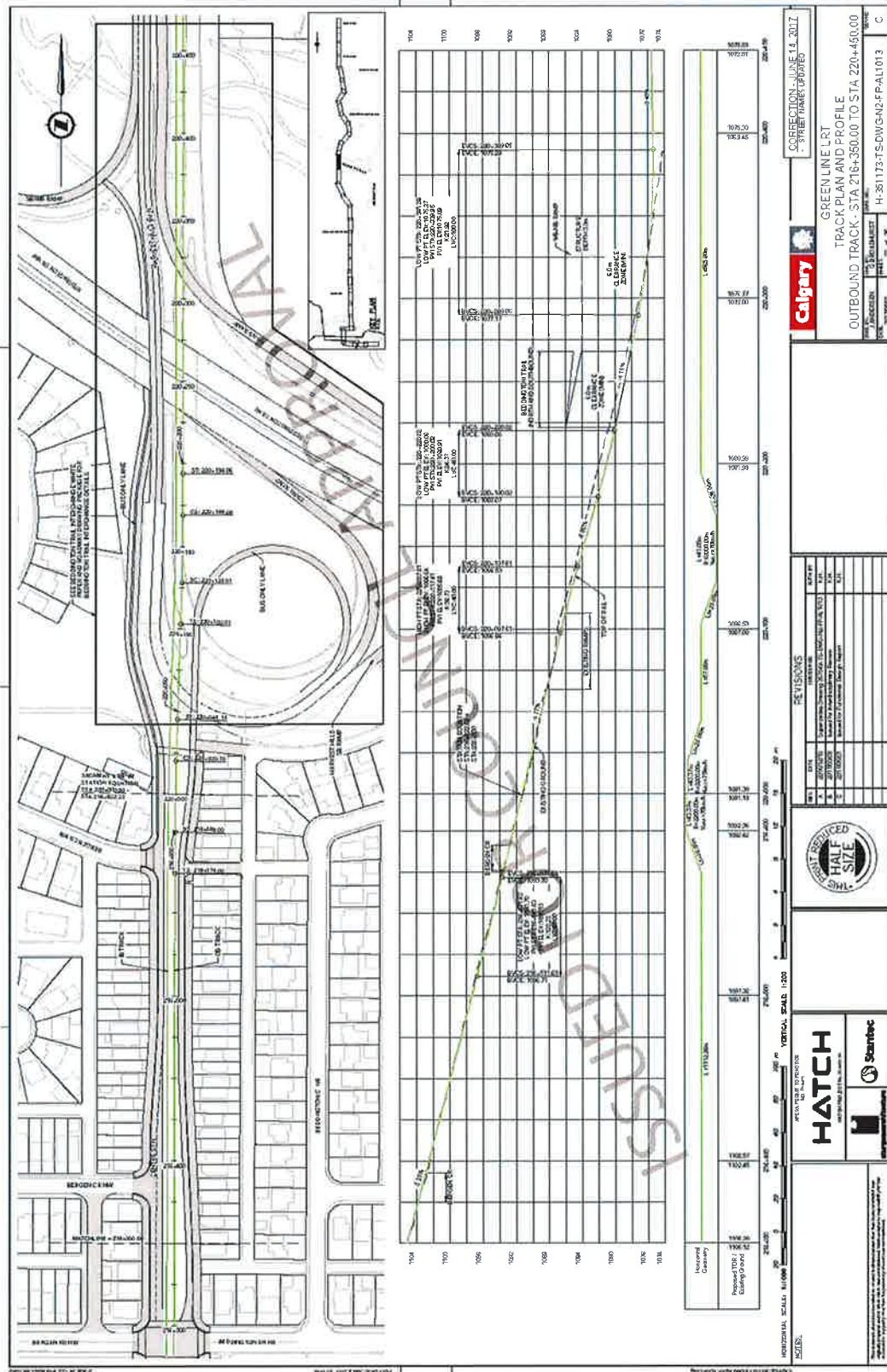


Green Line LRT Alignment: 160 Avenue N to Seton

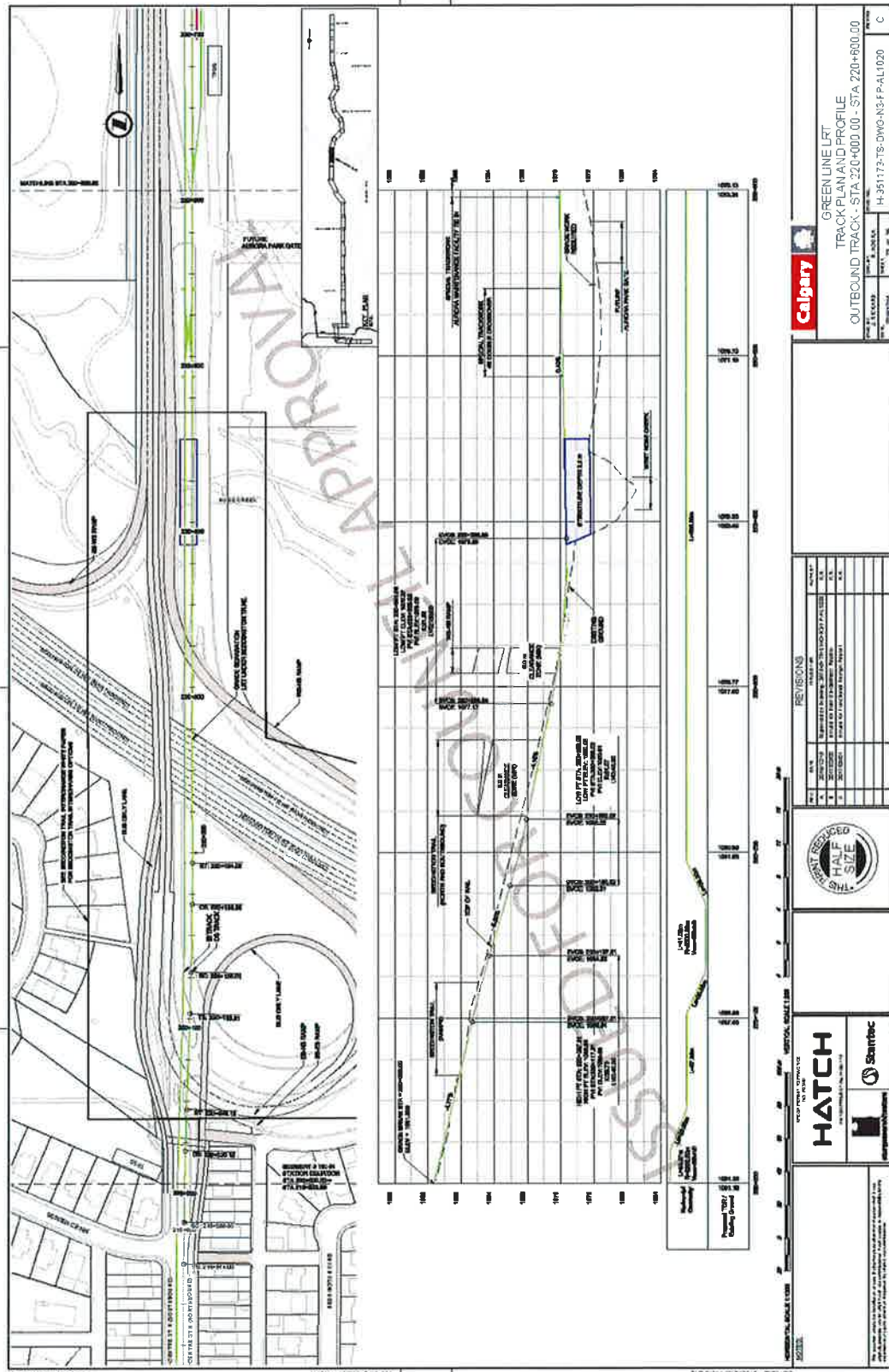




# Green Line LRT Alignment: 160 Avenue N to Seton

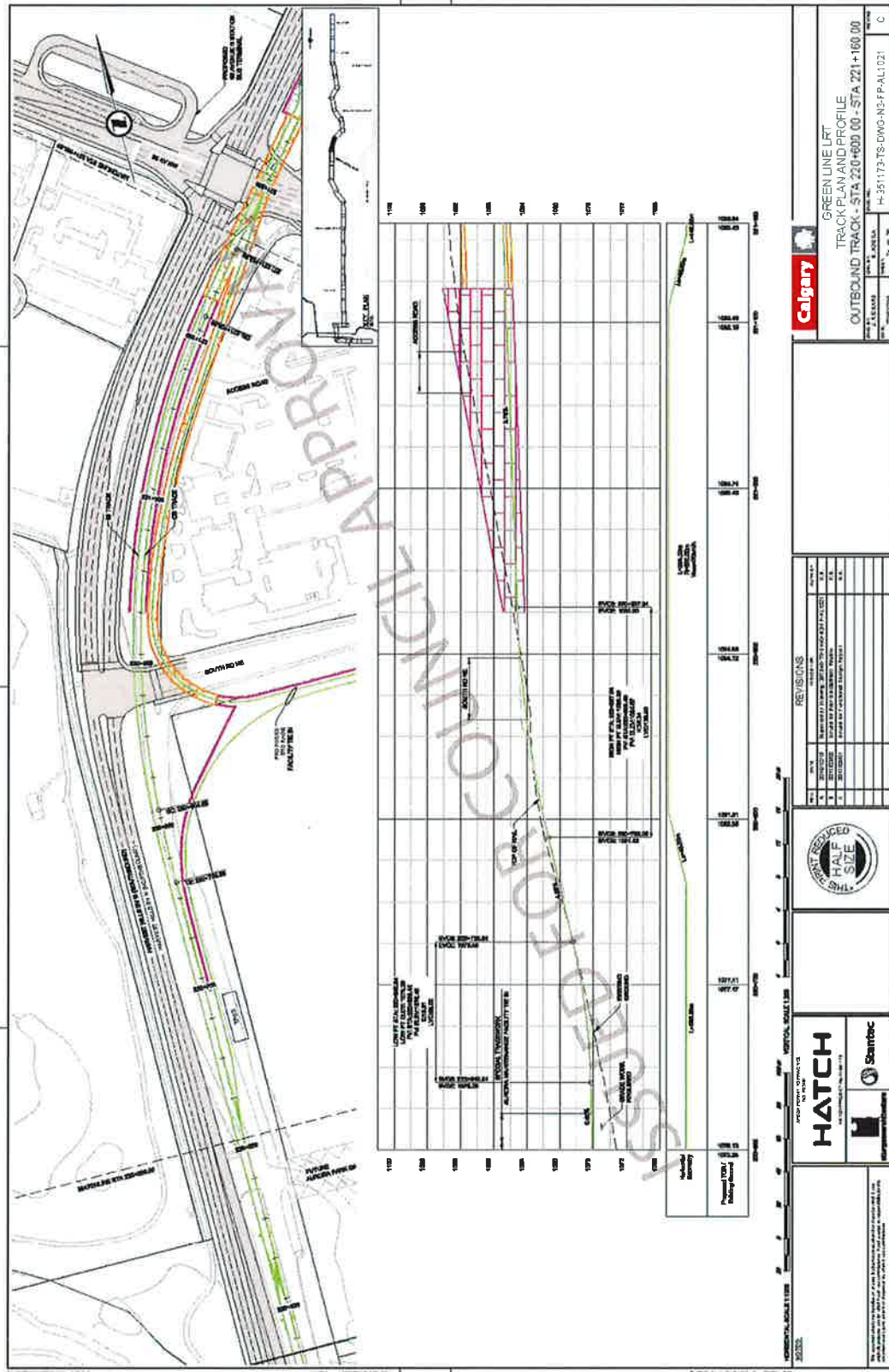


# Green Line LRT Alignment: 160 Avenue N to Seton

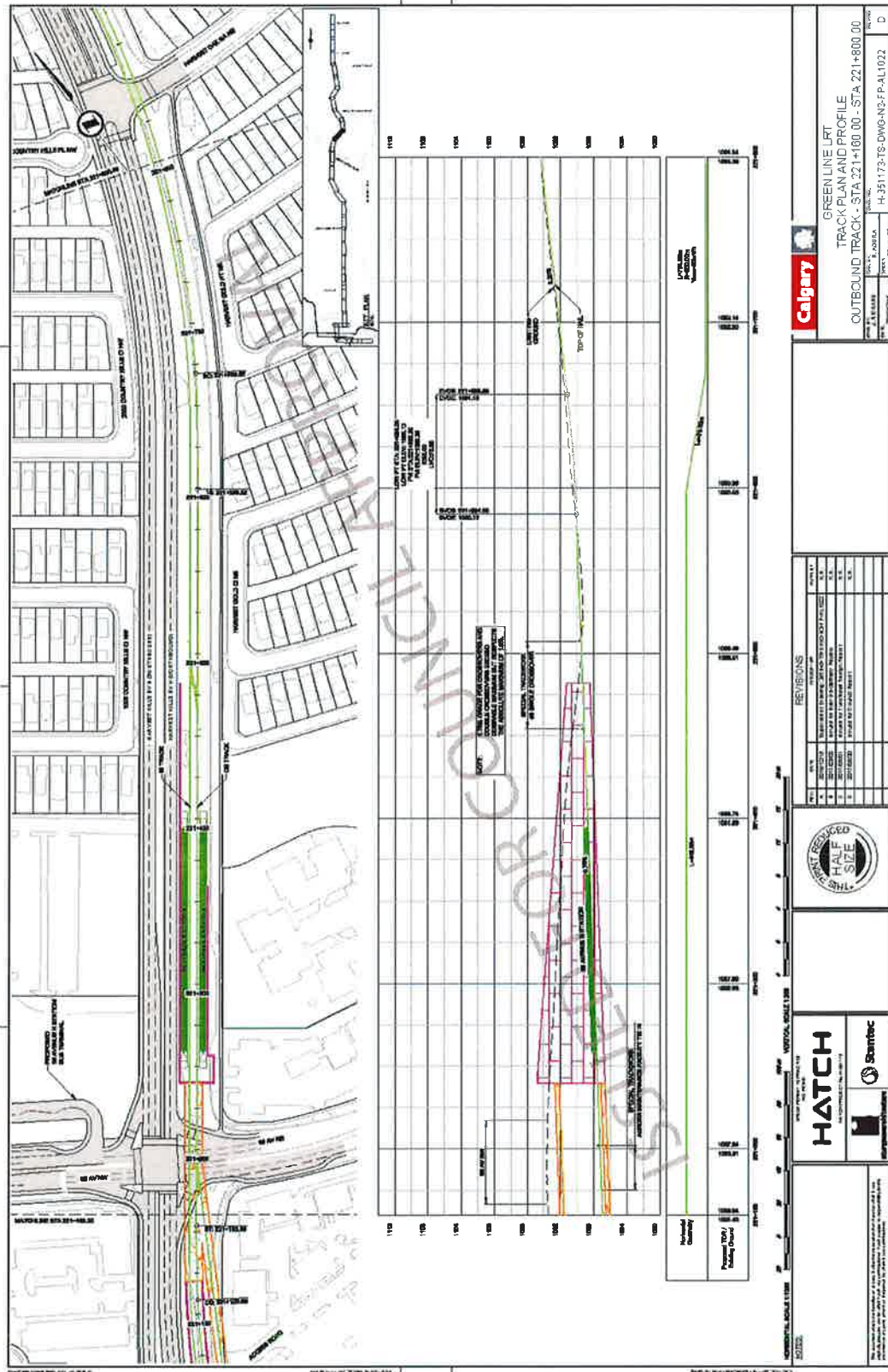




# Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton





**GREEN LINE LIGHT RAIL**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 221+600.00 - STA 222+400.00**

**Calgary**

**HATCH**  
 PREPARED BY: J. L. HATCH  
 DATE: 11/11/11

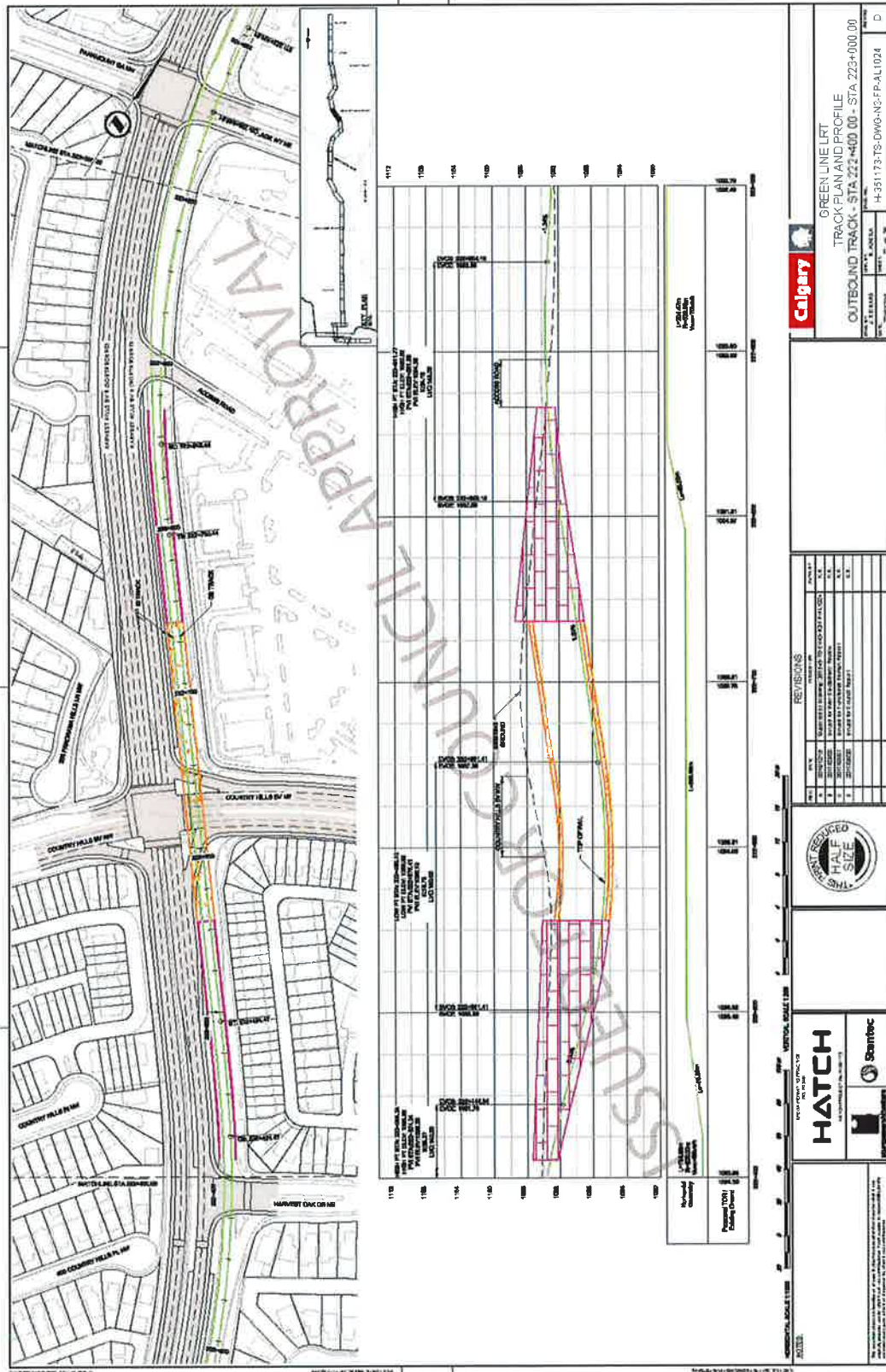
**Scantec**

**REVISIONS**

NO.	DATE	DESCRIPTION
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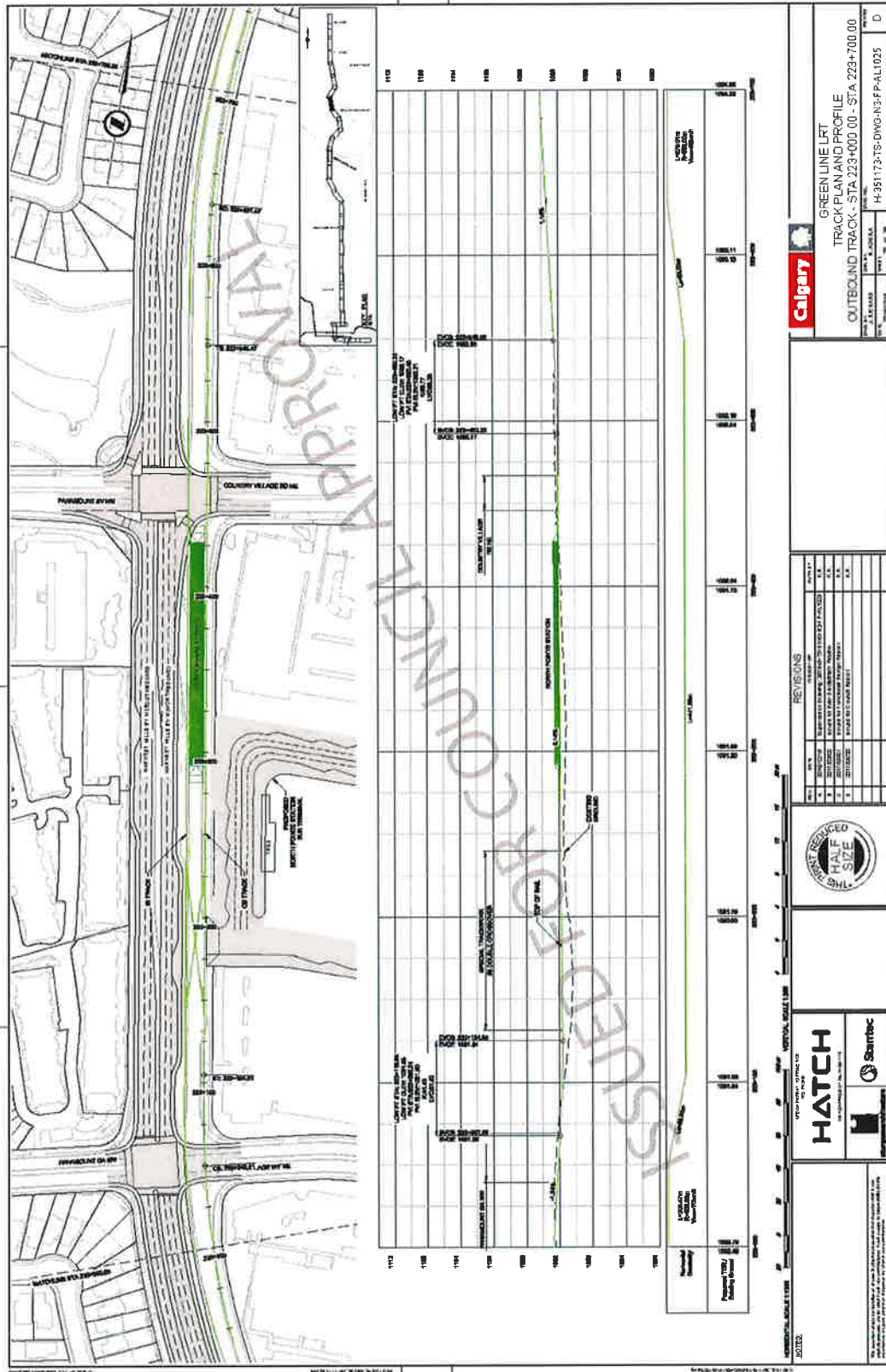
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# Green Line LRT Alignment: 160 Avenue N to Seton

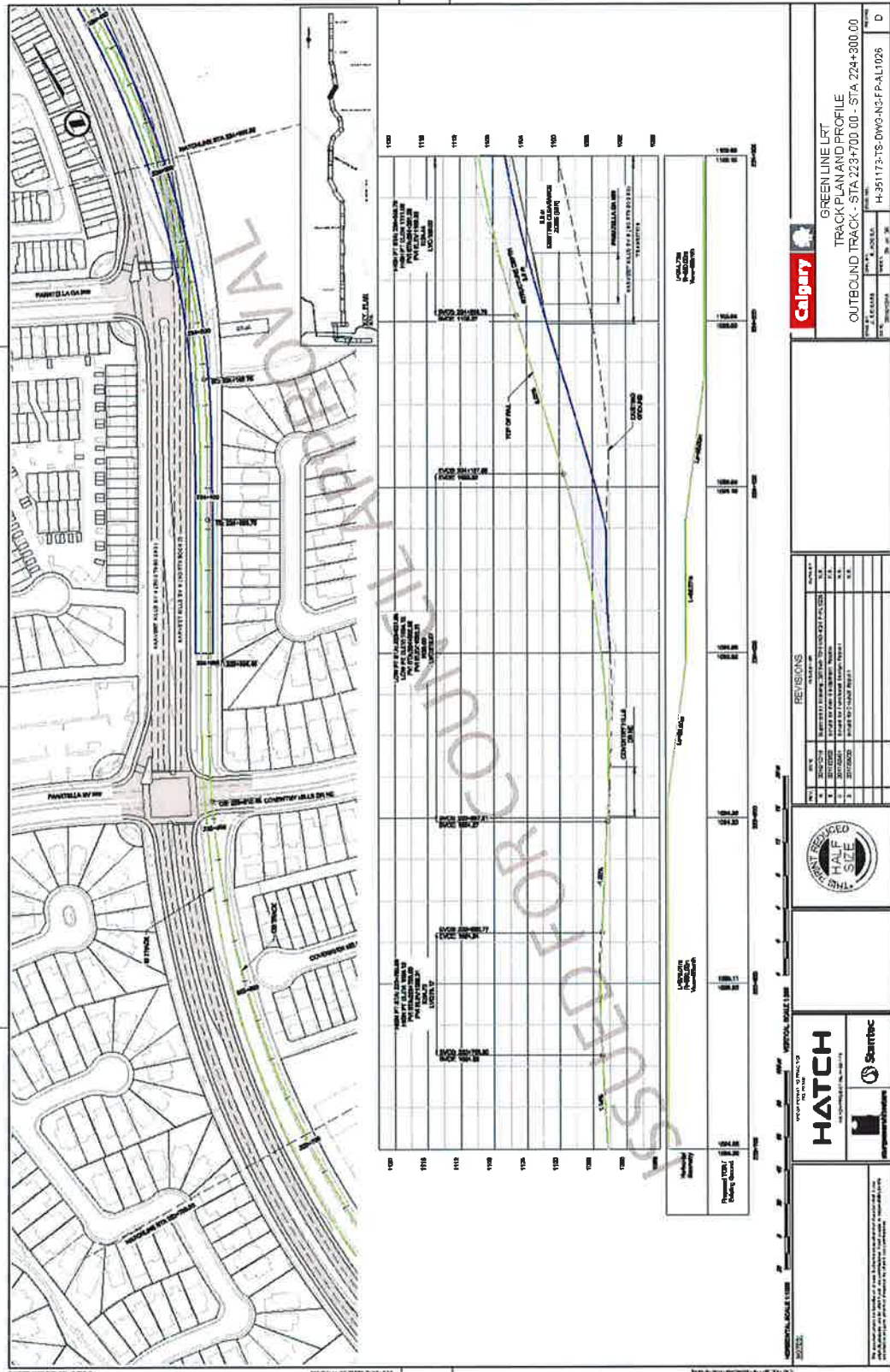




# Green Line LRT Alignment: 160 Avenue N to Seton

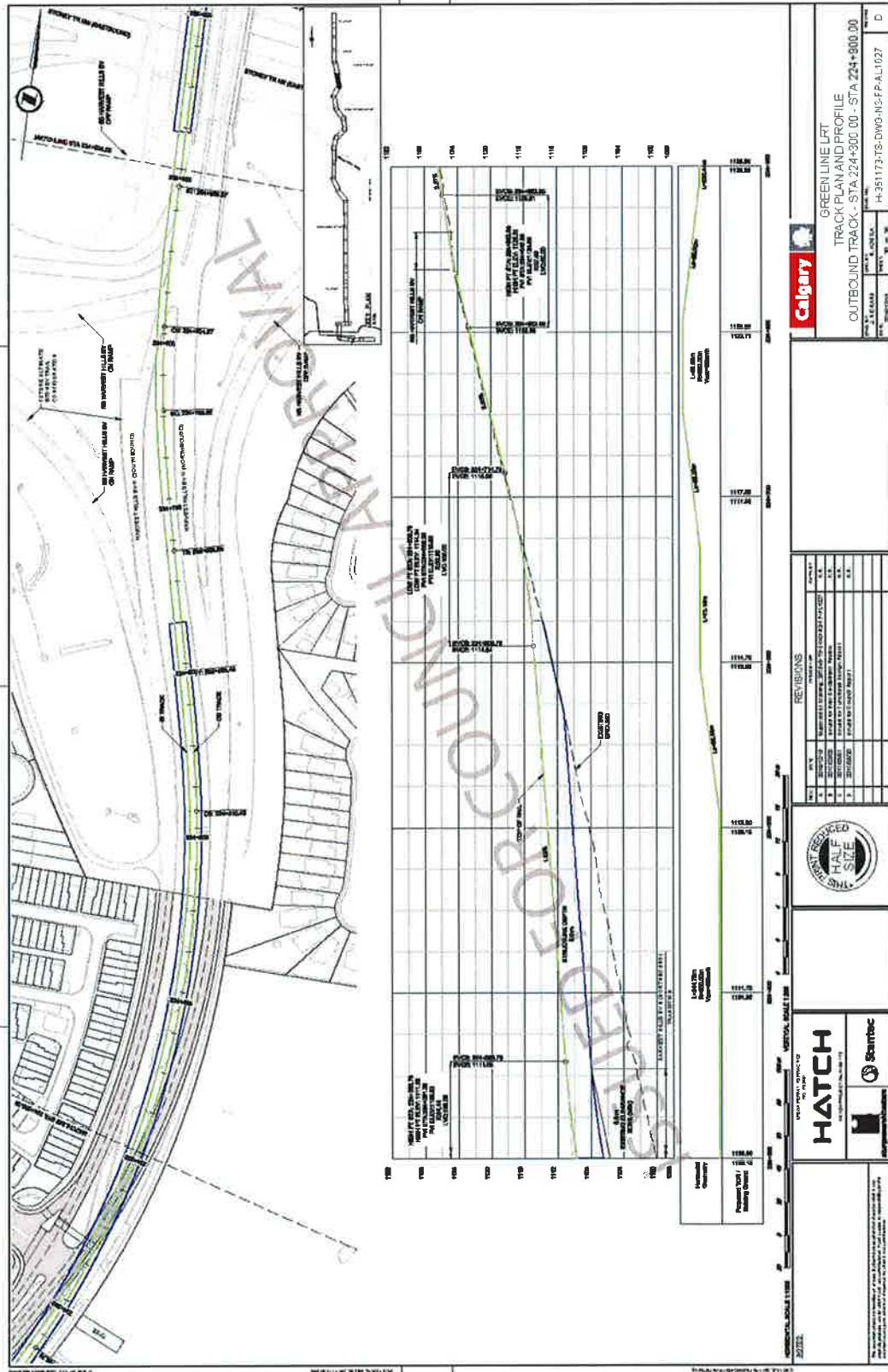


# Green Line LRT Alignment: 160 Avenue N to Seton

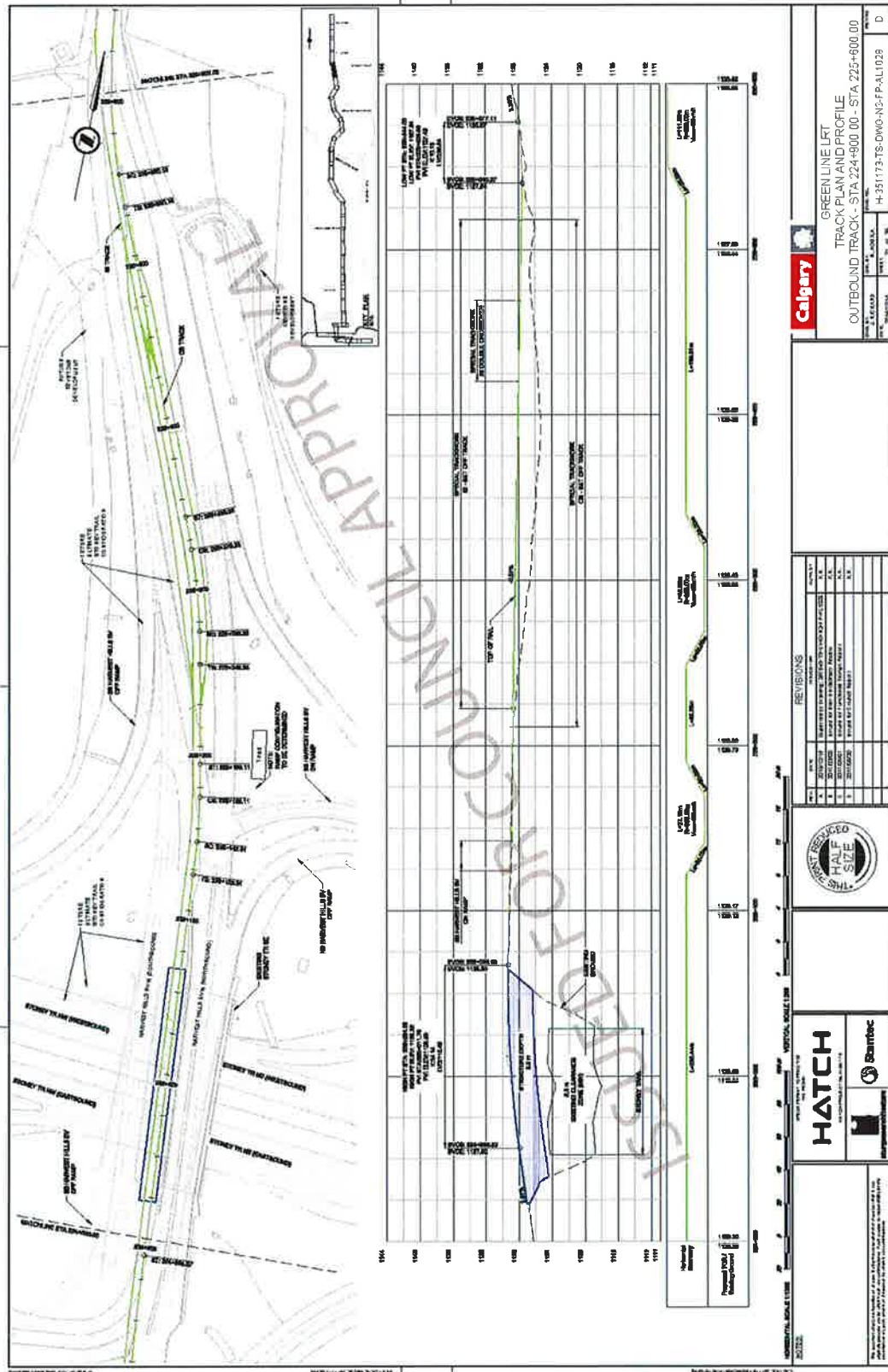




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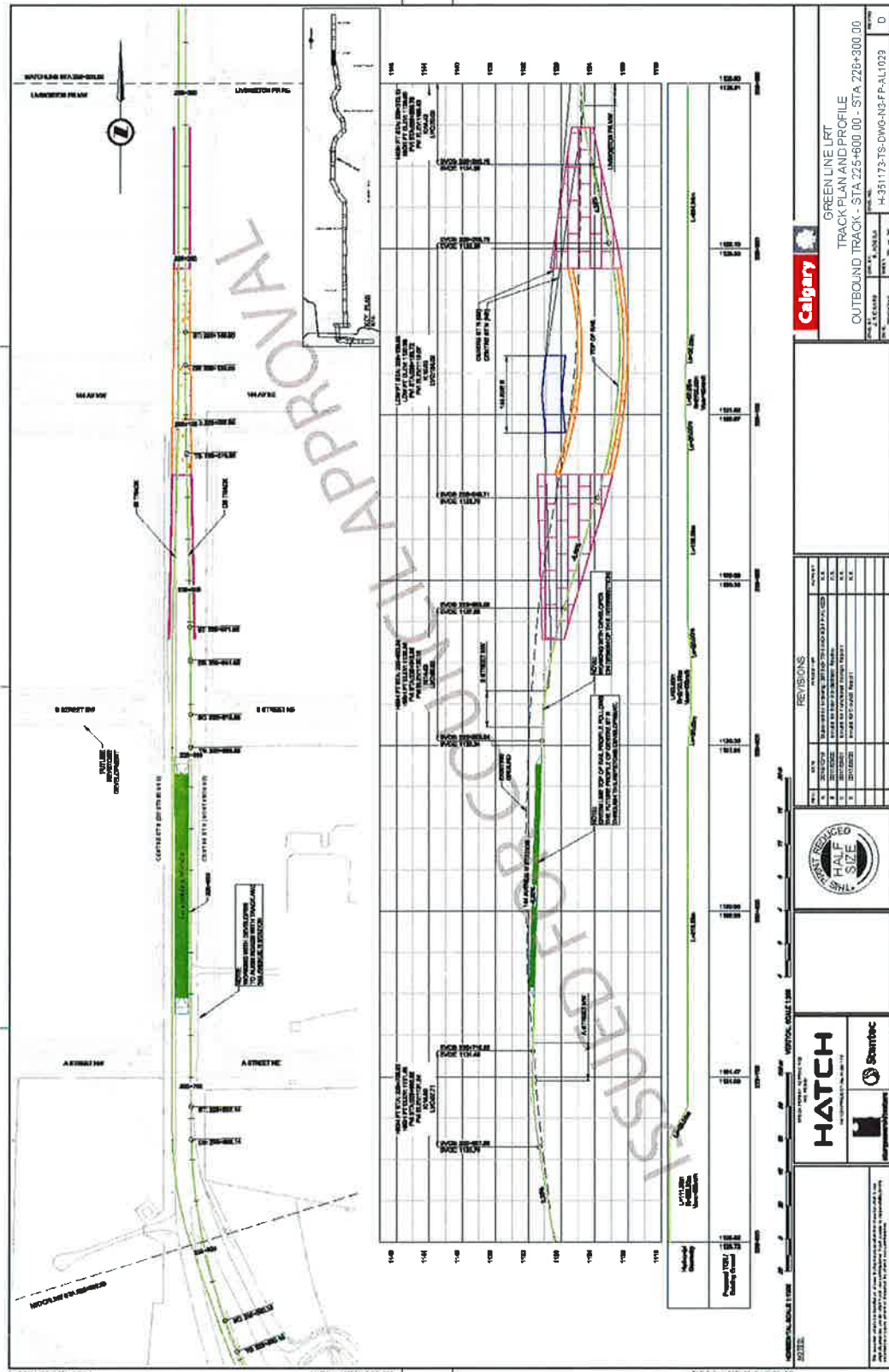


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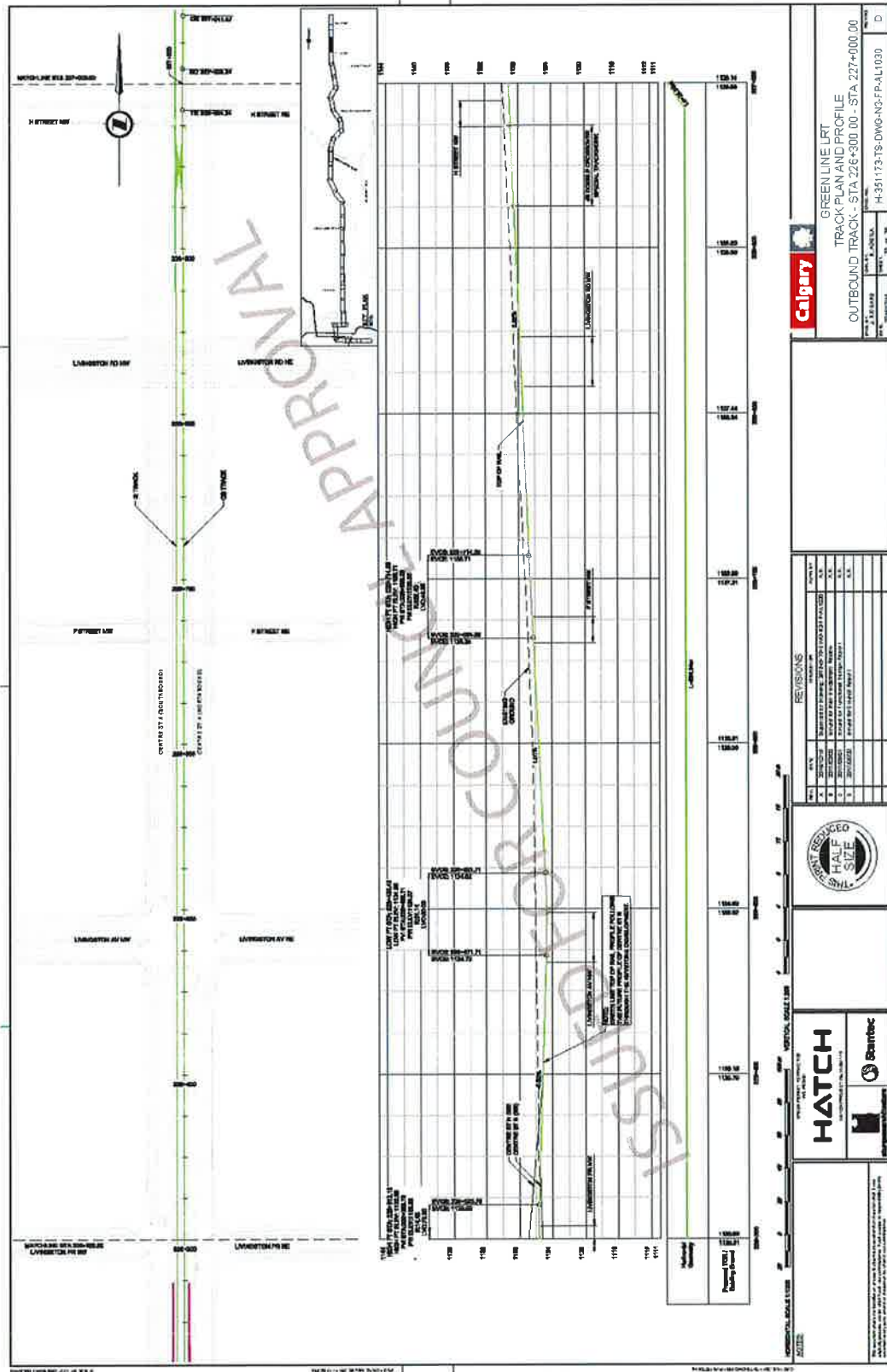




# Green Line LRT Alignment: 160 Avenue N to Seton

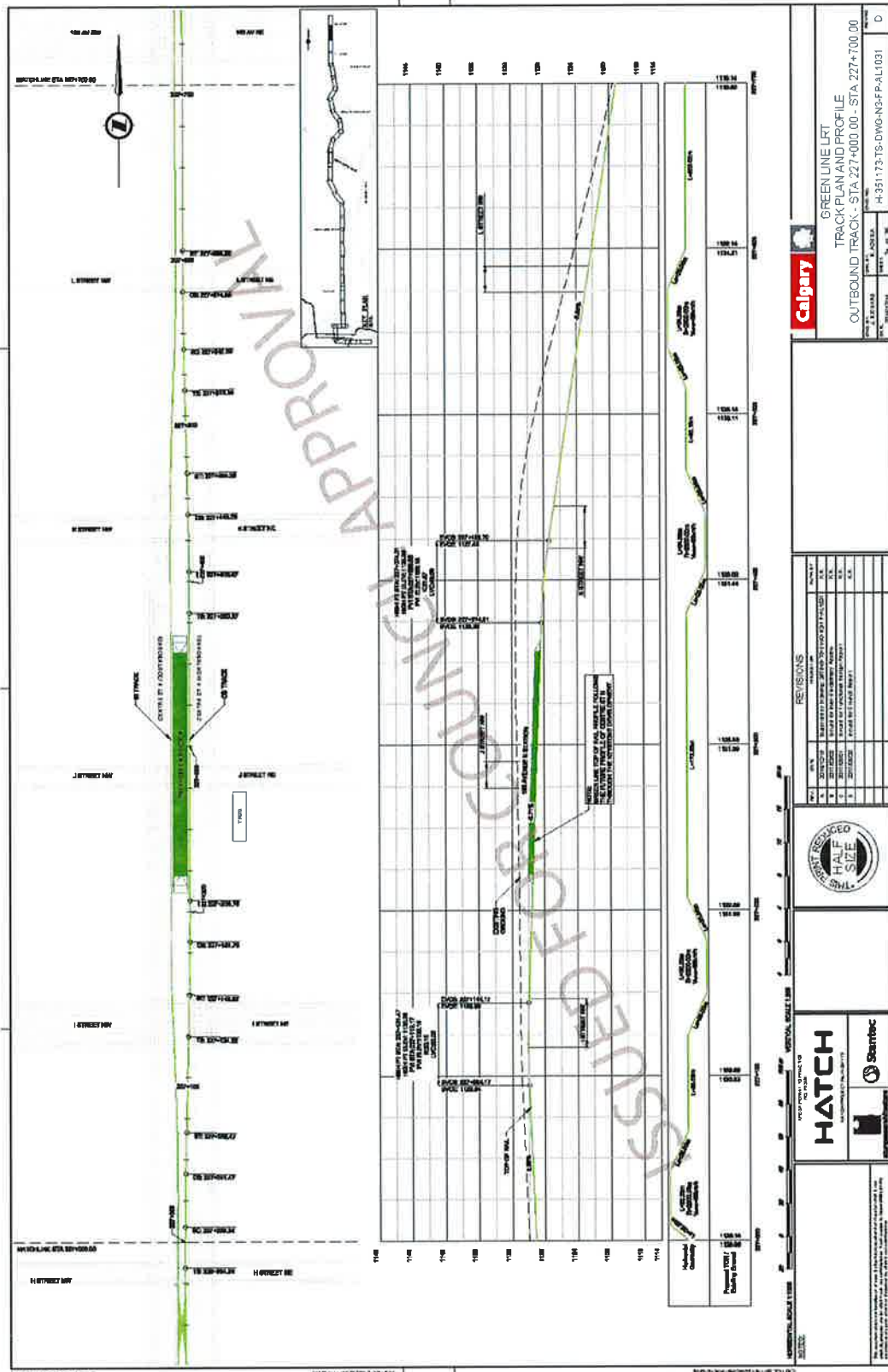


# Green Line LRT Alignment: 160 Avenue N to Seton





# Green Line LRT Alignment: 160 Avenue N to Seton



**PROJECT LIST**

NO.	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR CONSTRUCTION	11/11/11	...	...

**REVISIONS**

NO.	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR CONSTRUCTION	11/11/11	...	...

**HATCH**  
 PROJECT ENGINEER  
 11/11/11  
 11/11/11

**GREEN LINE LIGHT RAIL**  
 TRACK PLAN AND PROFILE  
 OUTBOUND TRACK - STA 227+00.00 - STA 228+100.00  
 H-351173-TB-DWG-NB-FP-AL-032





**GREEN LINE LRT  
LRT PLAN AND PROFILE DRAWINGS**

**ISSUED FOR COUNCIL REPORT**

**PACKAGE NUMBER: H-351173-TS-DWG-So-RD-GE0001 VER:B**

**HATCH**

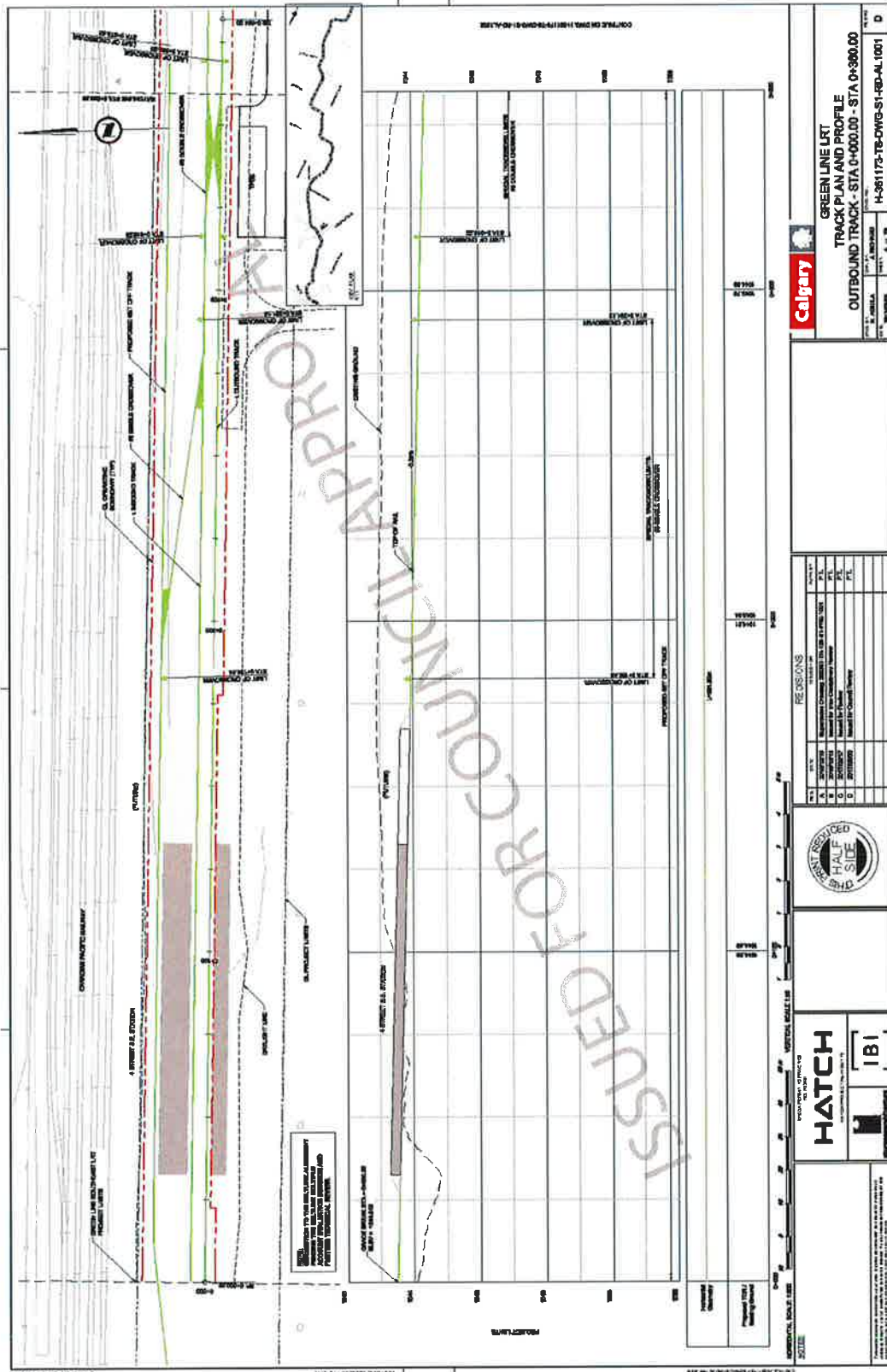
PROJECT HATCH	DATE 2017-03-10	BY HATCH
PROJECT NO. H-351173-TS-DWG-So-RD-GE0001		





TT2017-0534 GREEN LINE LRT ALIGNMENT AND STATIONS: 160 Avenue N to Seton Att-3.pdf  
ISC: UNRESTRICTED

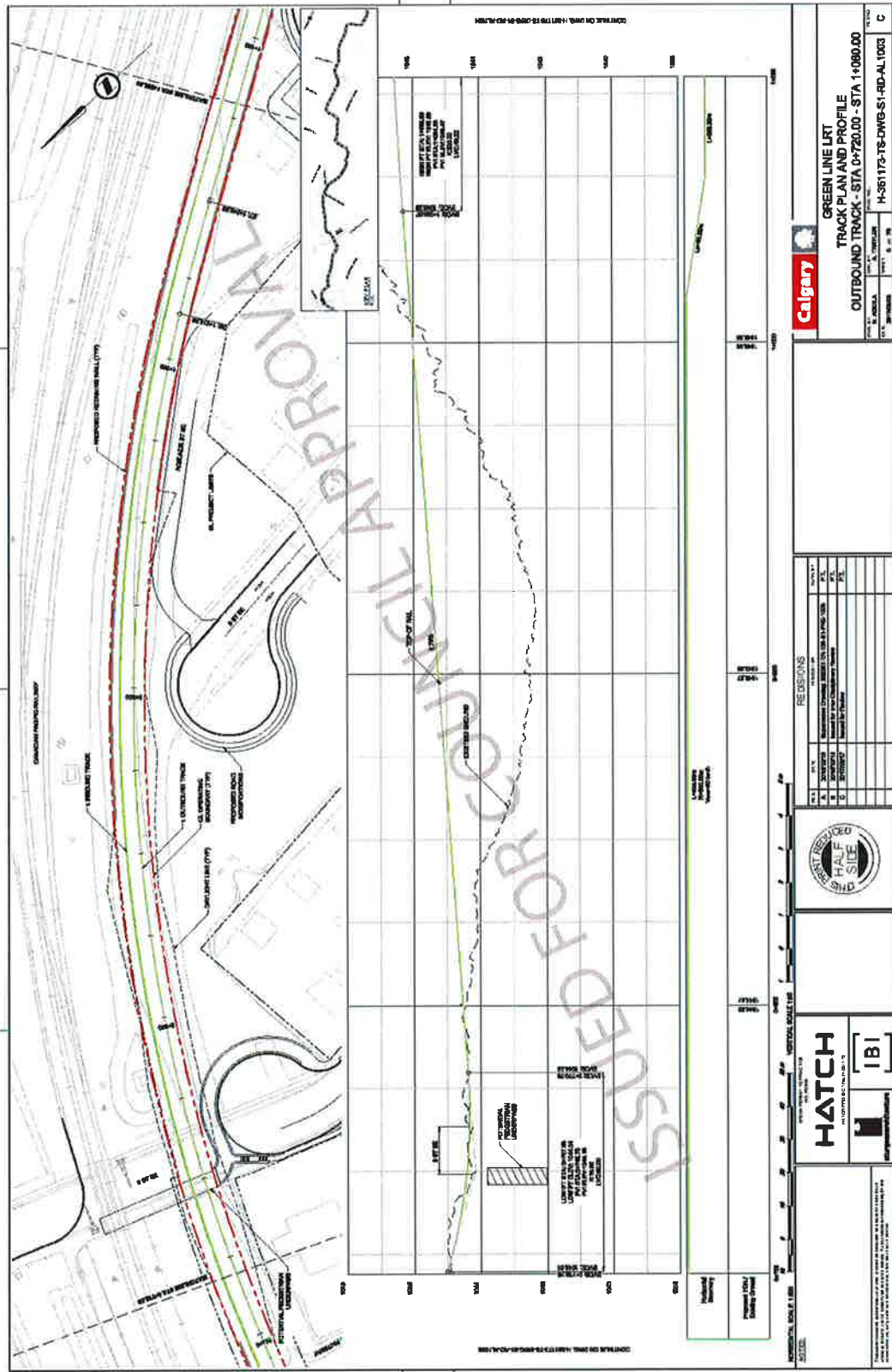
# Green Line LRT Alignment: 160 Avenue N to Seton





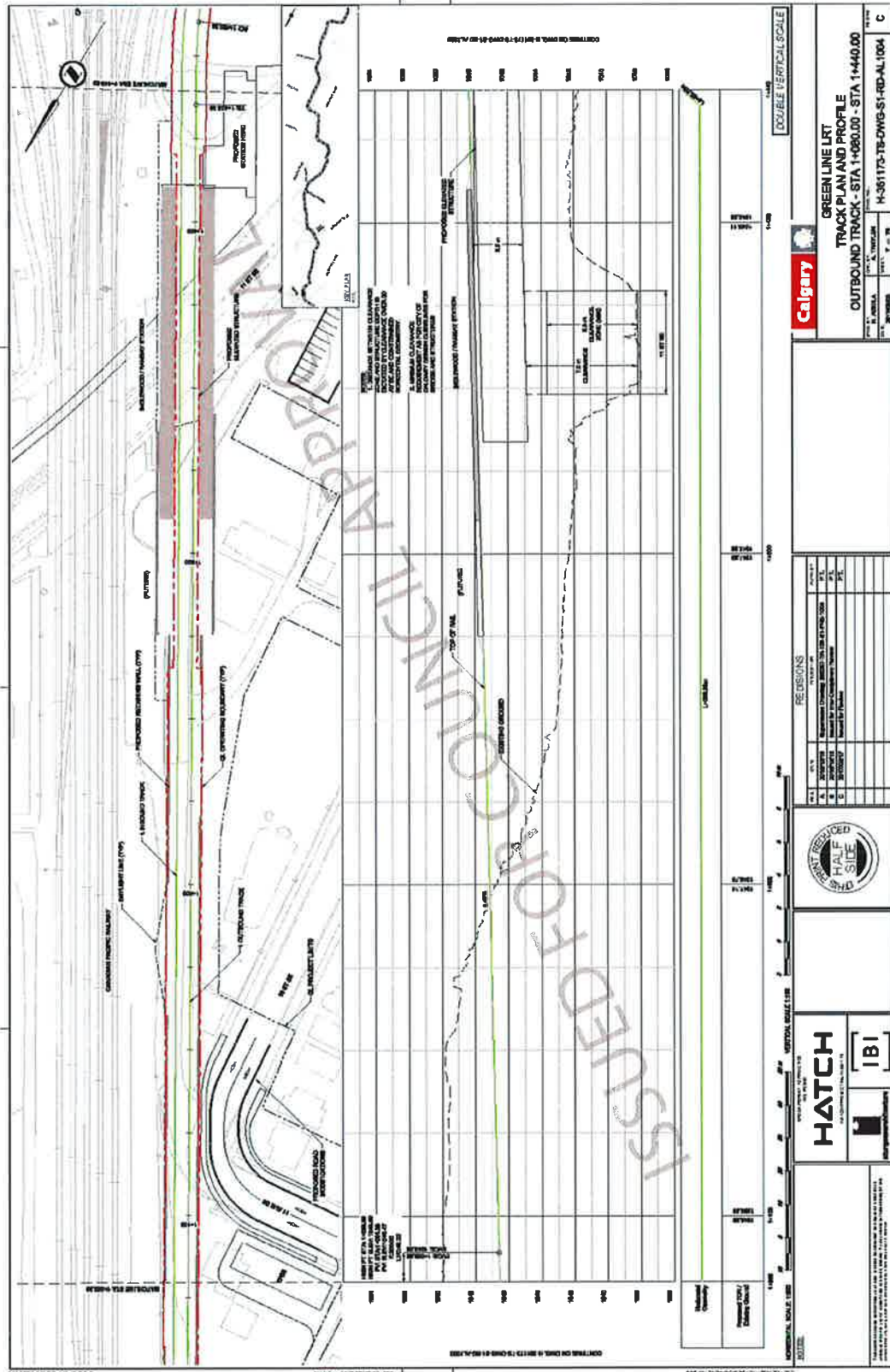
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# Green Line LRT Alignment: 160 Avenue N to Seton

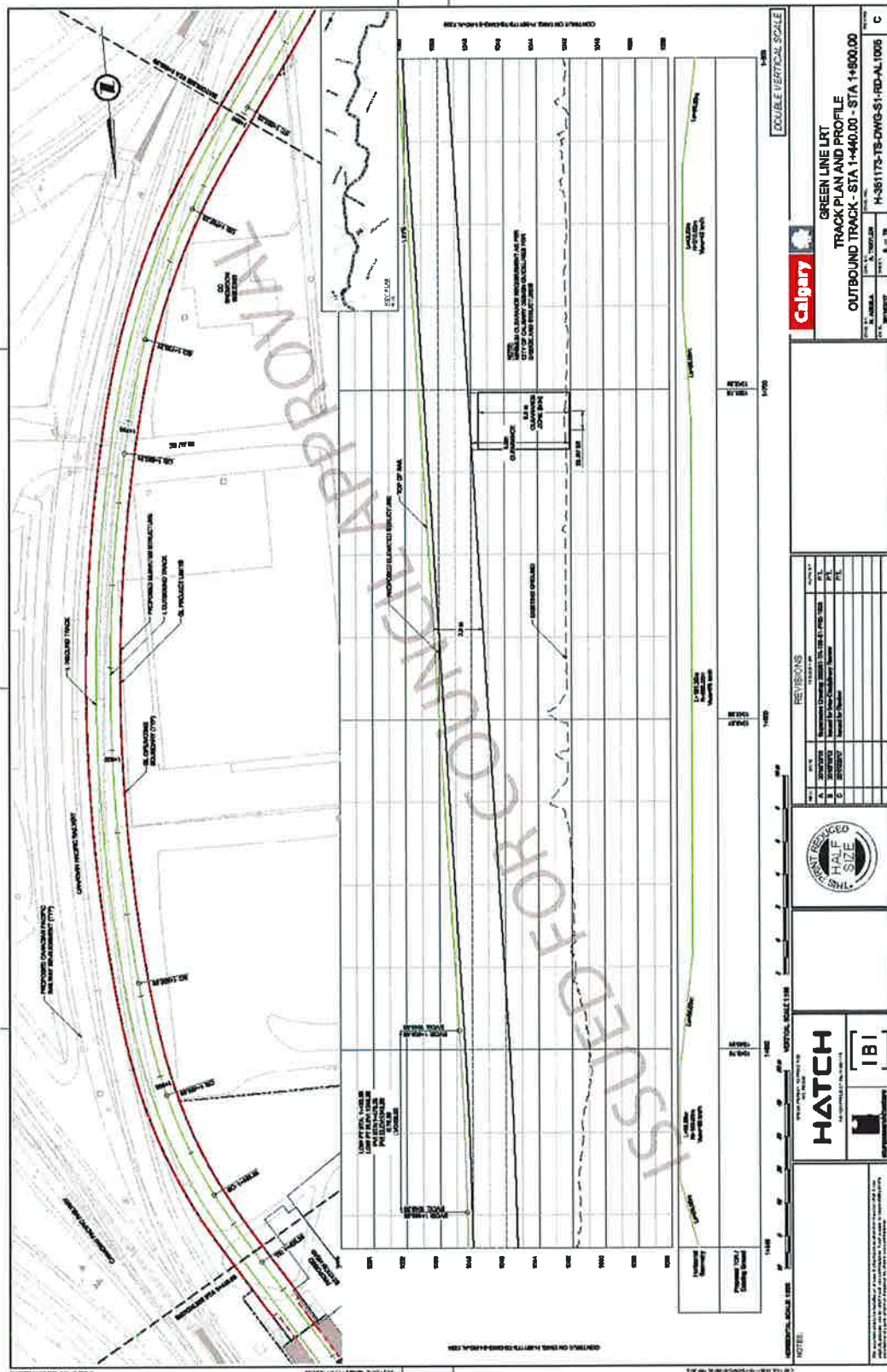




# Green Line LRT Alignment: 160 Avenue N to Seton

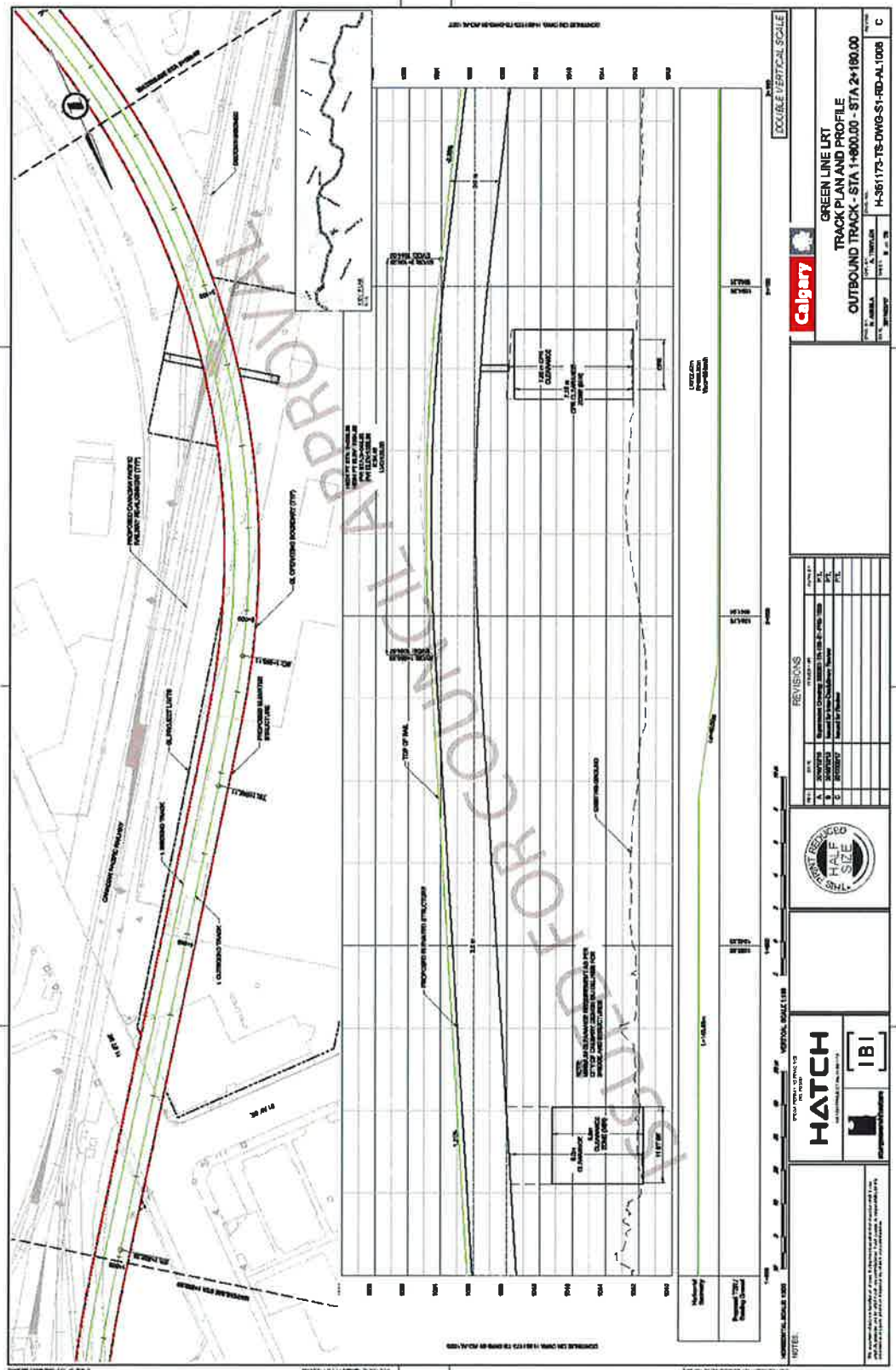


# Green Line LRT Alignment: 160 Avenue N to Seton

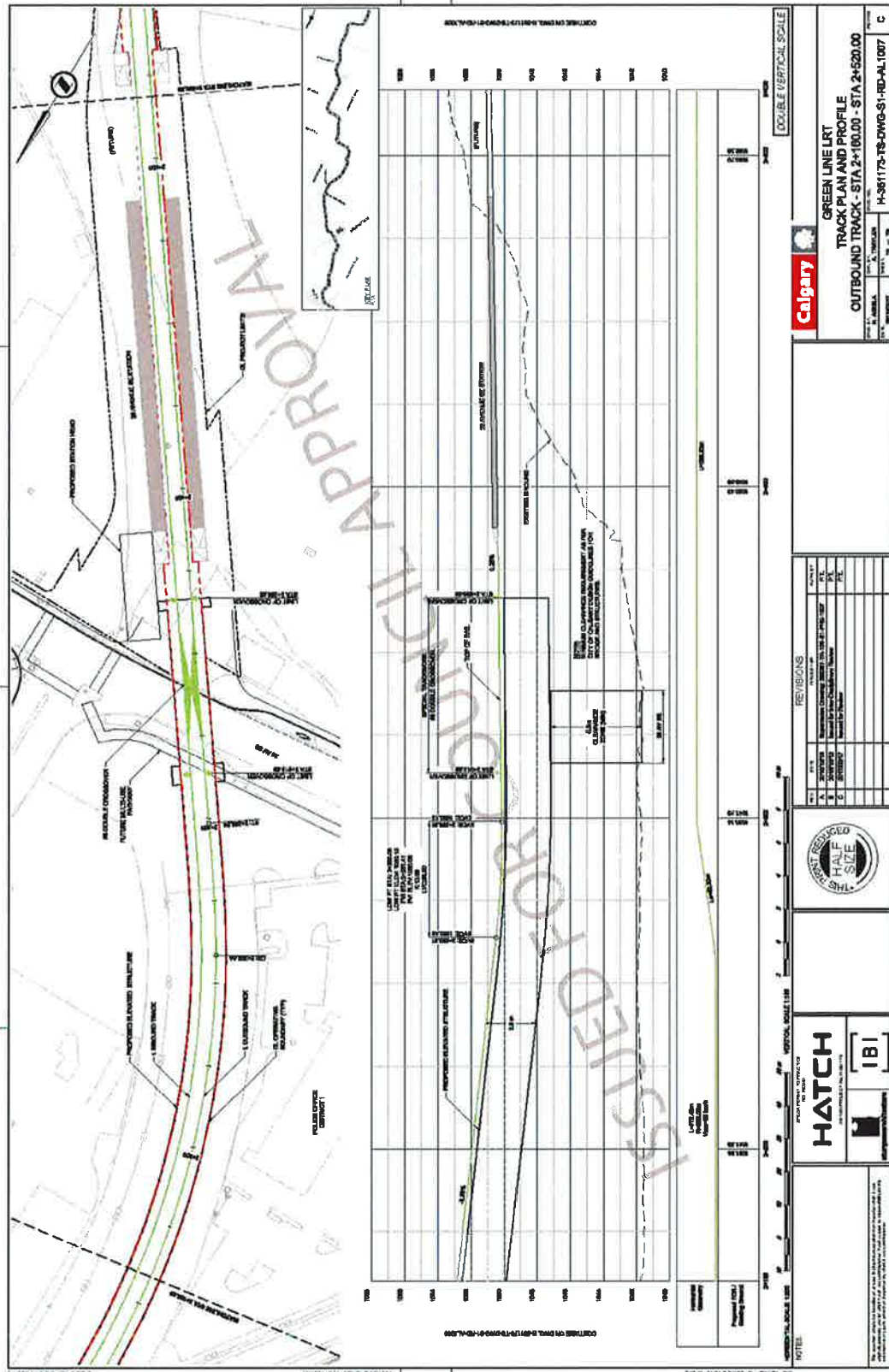




Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton





**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 2+520.00 - STA 2+890.00**

**HATCH ENGINEERING**  
**IBI**  
**CALGARY**

**REVISIONS**

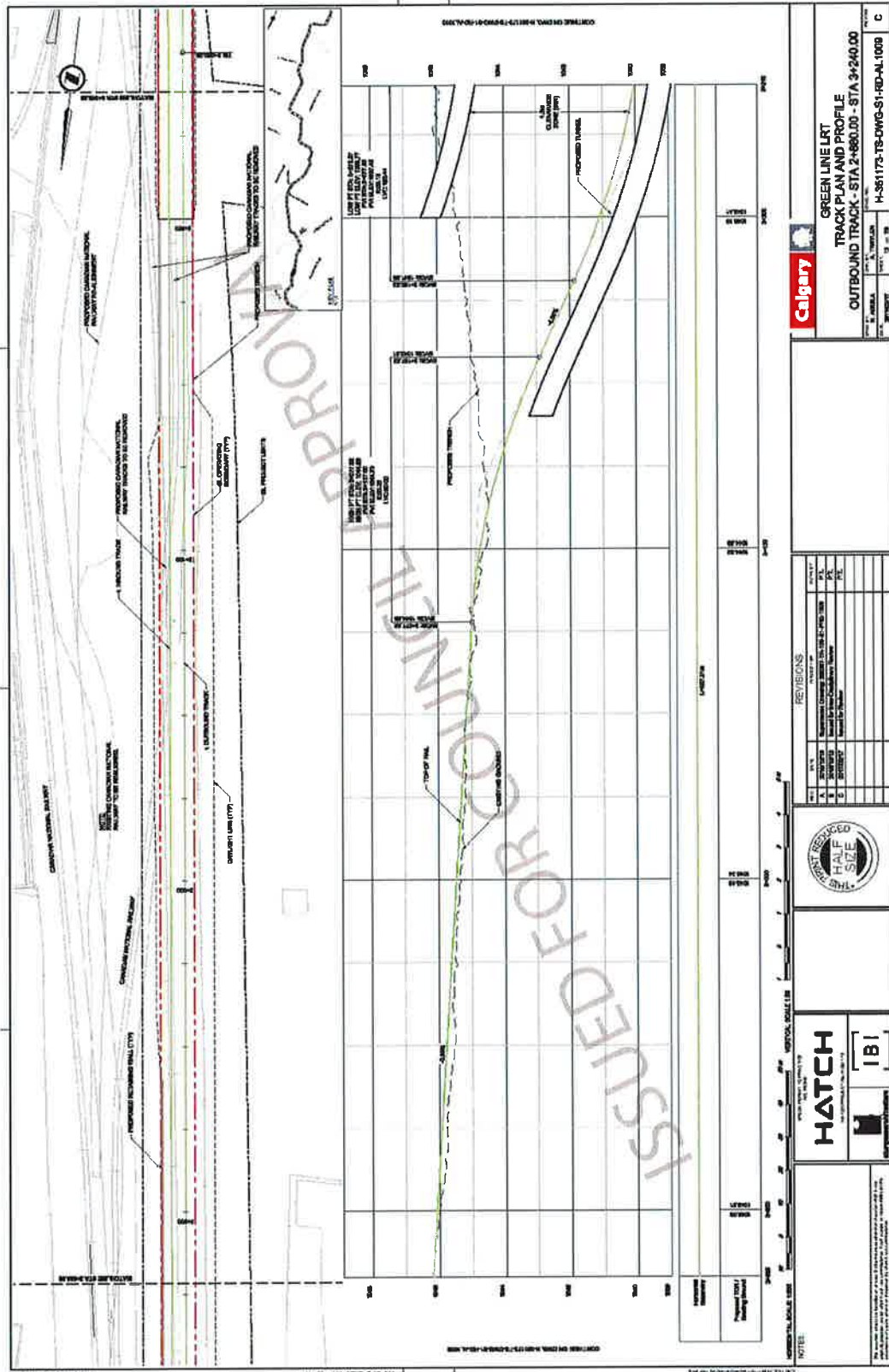
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2	2007-01-10	ISSUED FOR PERMIT	W. J. [Signature]	[Signature]
3	2007-01-10	ISSUED FOR PERMIT	W. J. [Signature]	[Signature]

**VERTICAL SCALE**  
 1" = 10'

**PLAN SCALE**  
 1" = 100'

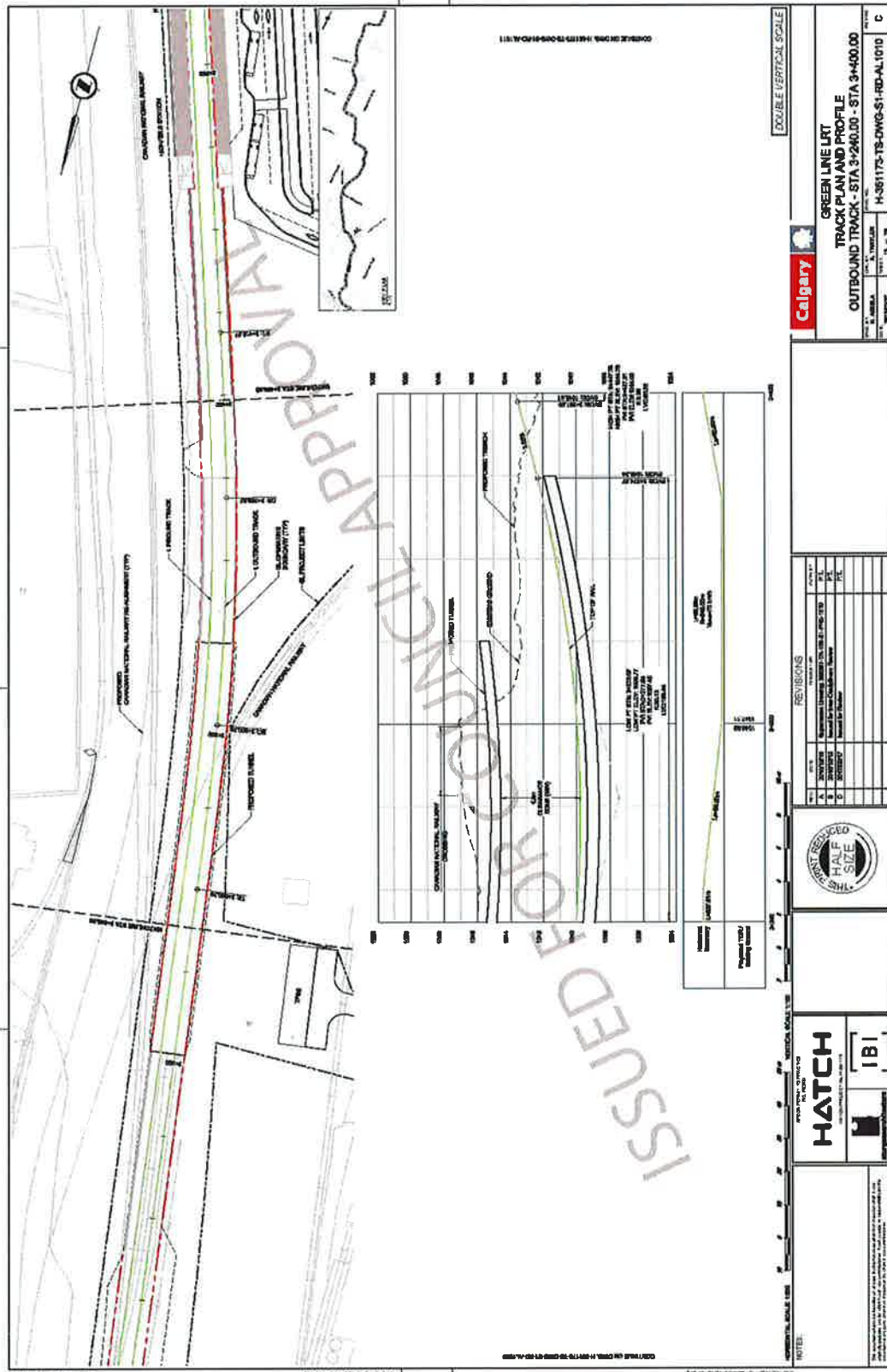
**NOTE:**  
 1. THE TRACK PLAN AND PROFILE ARE TO BE USED FOR THE PURPOSE OF OBTAINING A PERMIT TO CONSTRUCT THE TRACK. THE TRACK PLAN AND PROFILE ARE NOT TO BE USED FOR ANY OTHER PURPOSE.

# Green Line LRT Alignment: 160 Avenue N to Seton

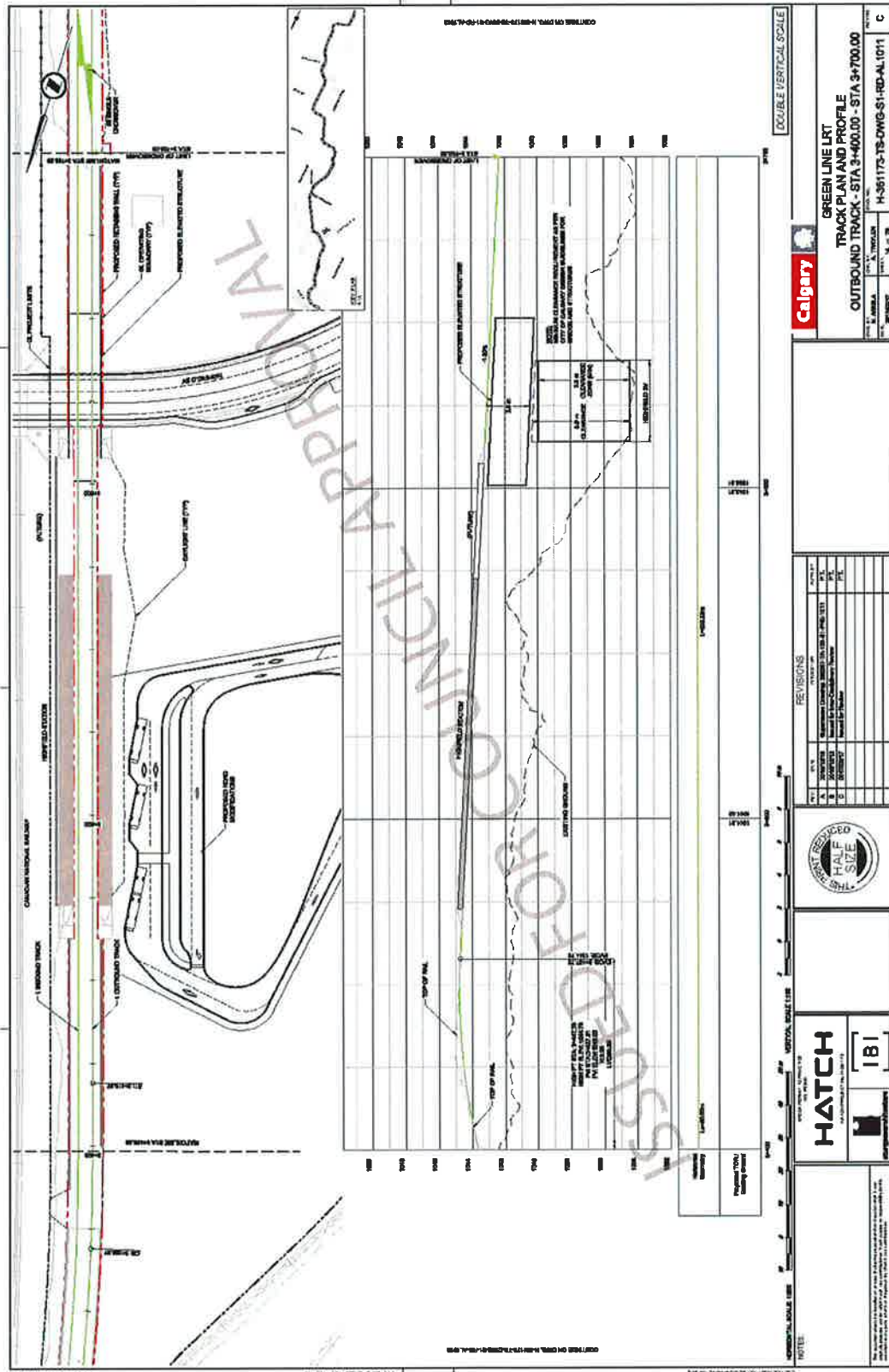




# Green Line LRT Alignment: 160 Avenue N to Seton



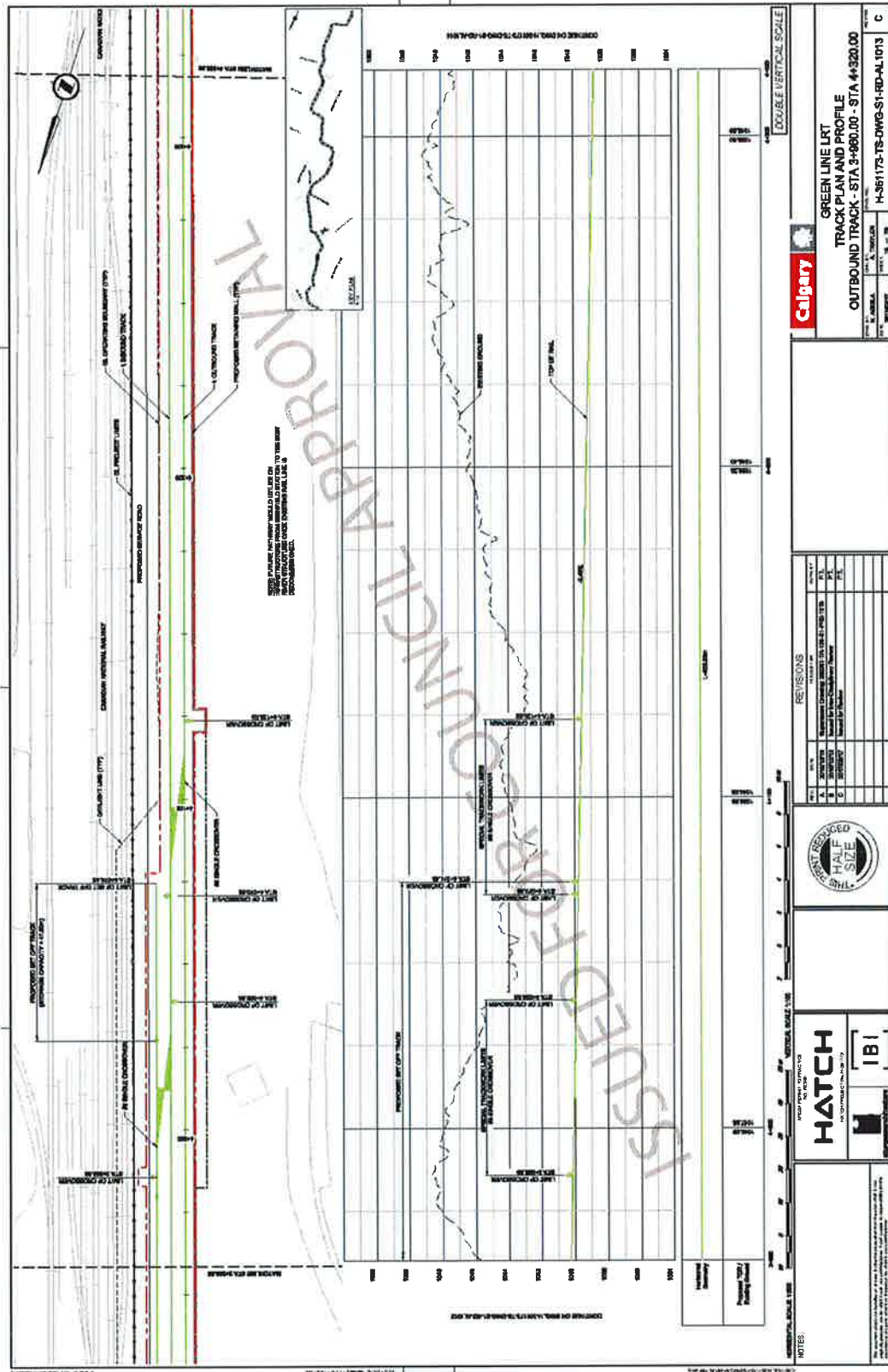
# Green Line LRT Alignment: 160 Avenue N to Seton





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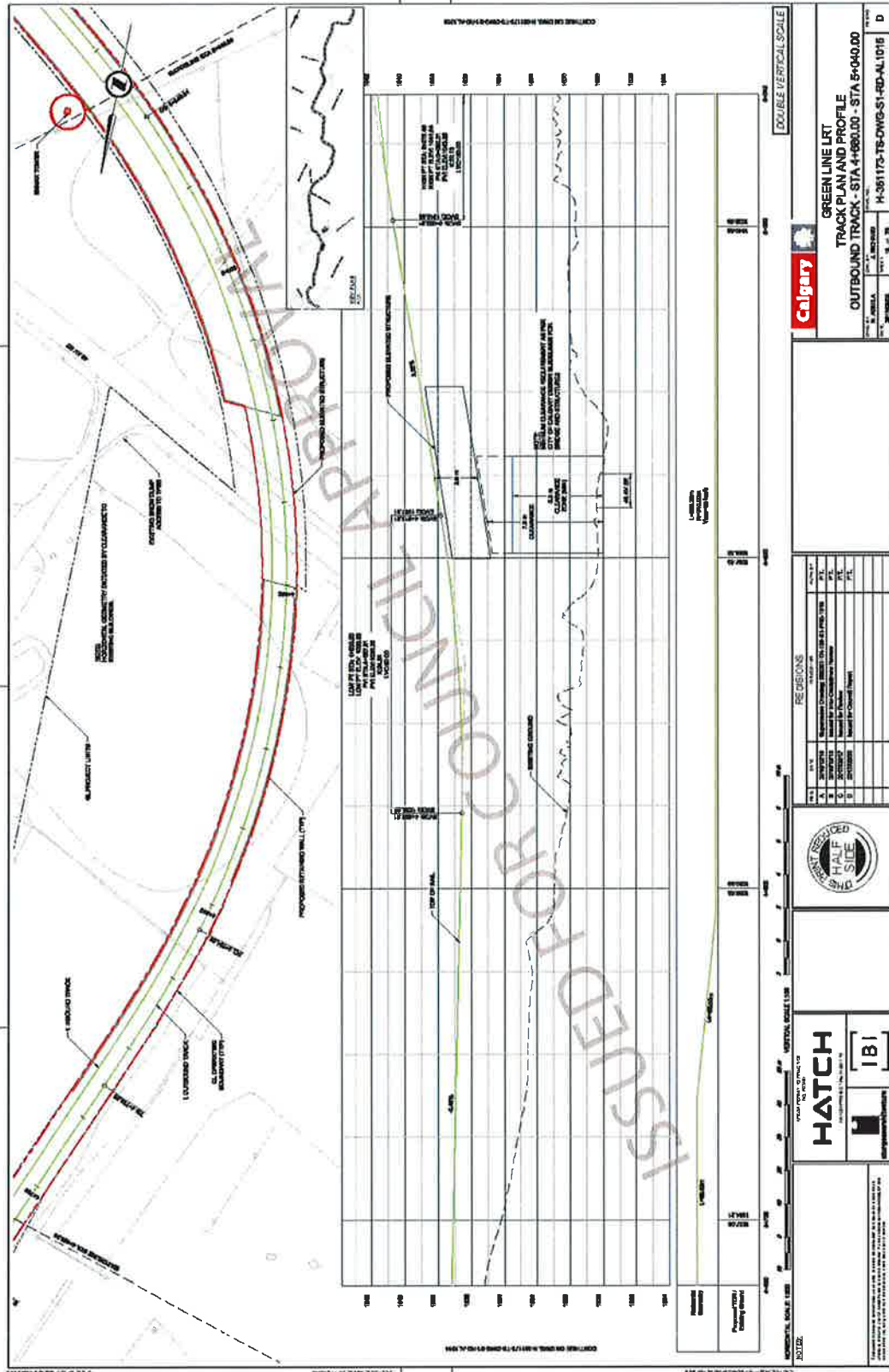
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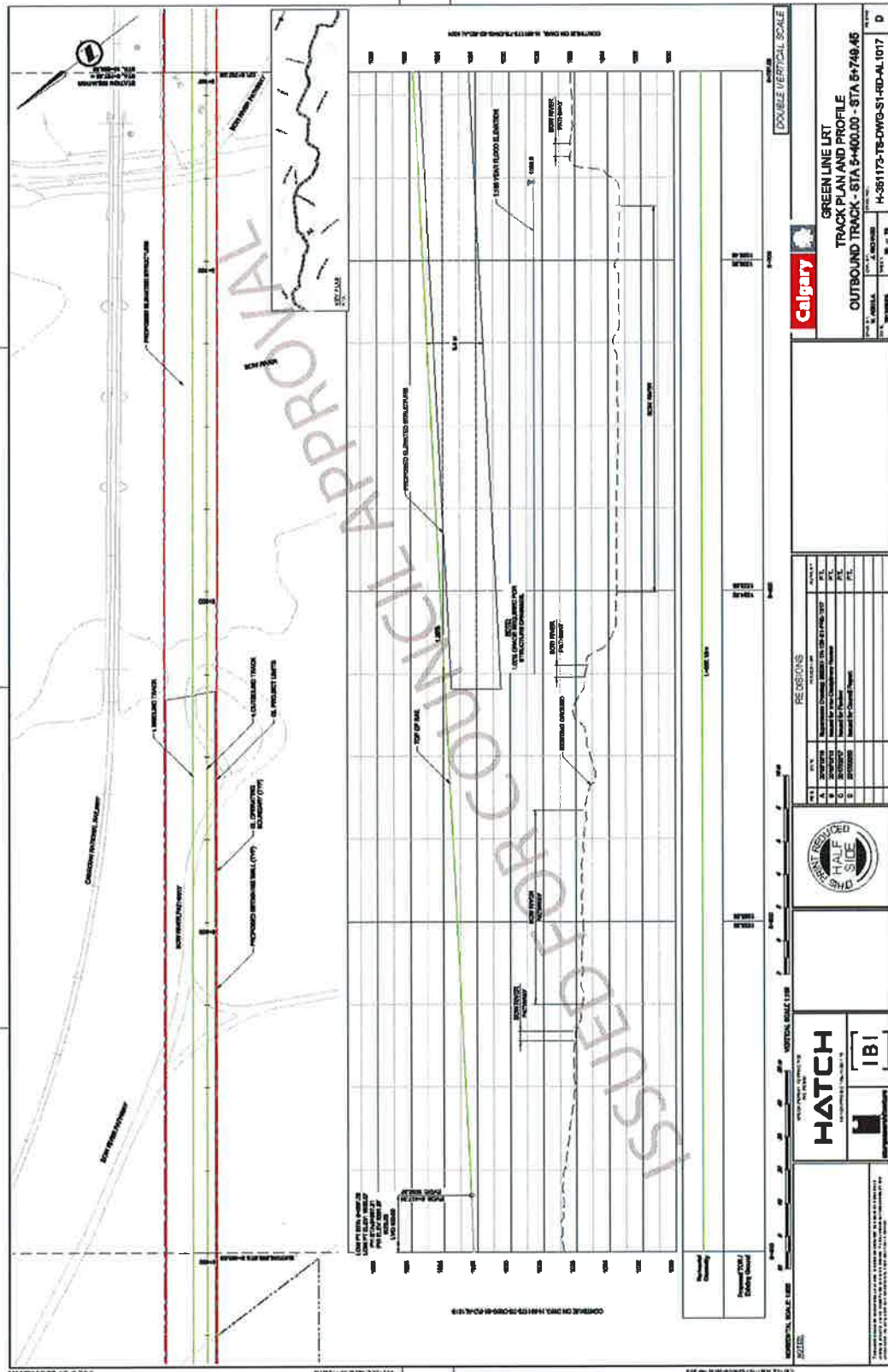
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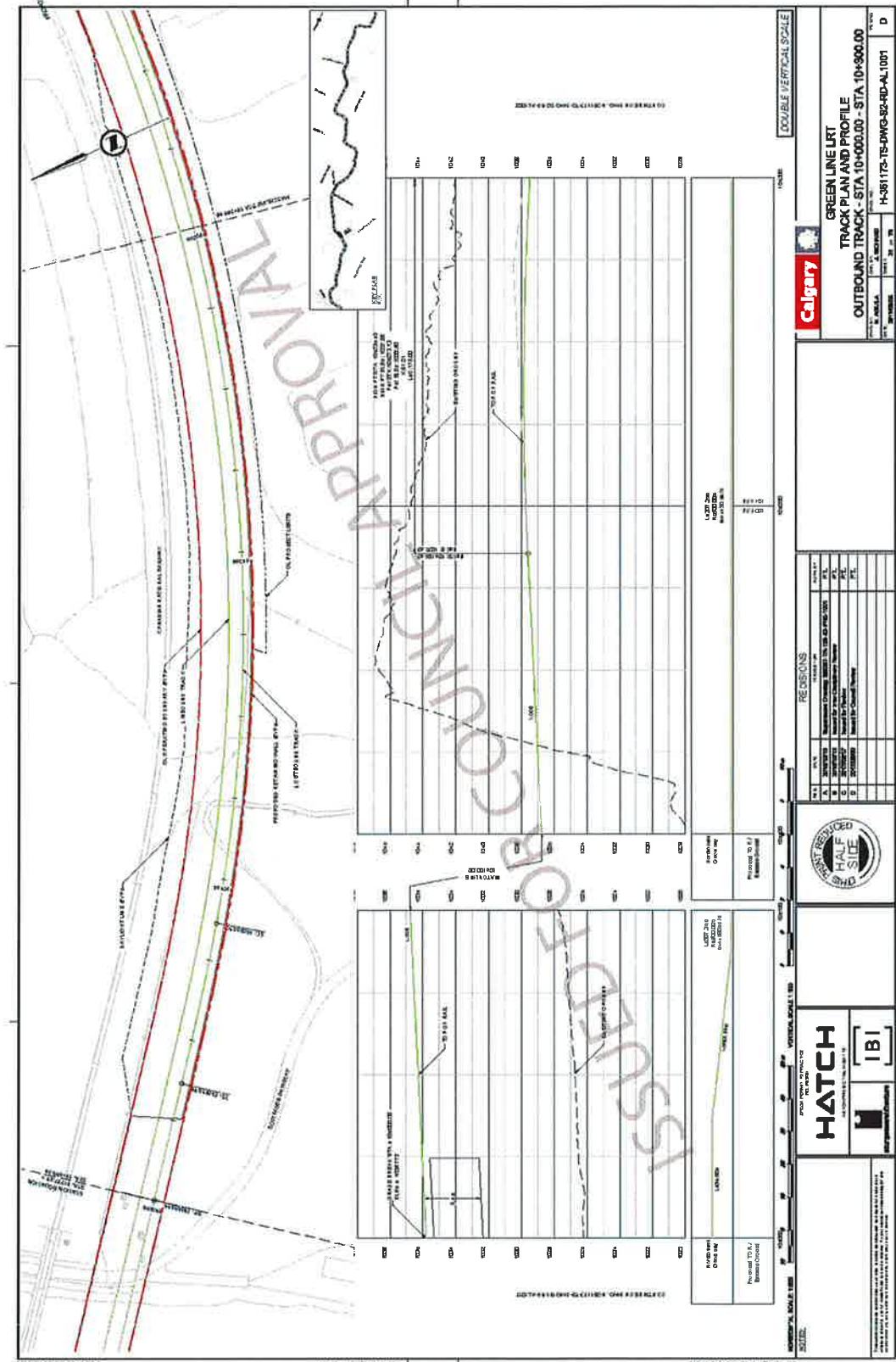
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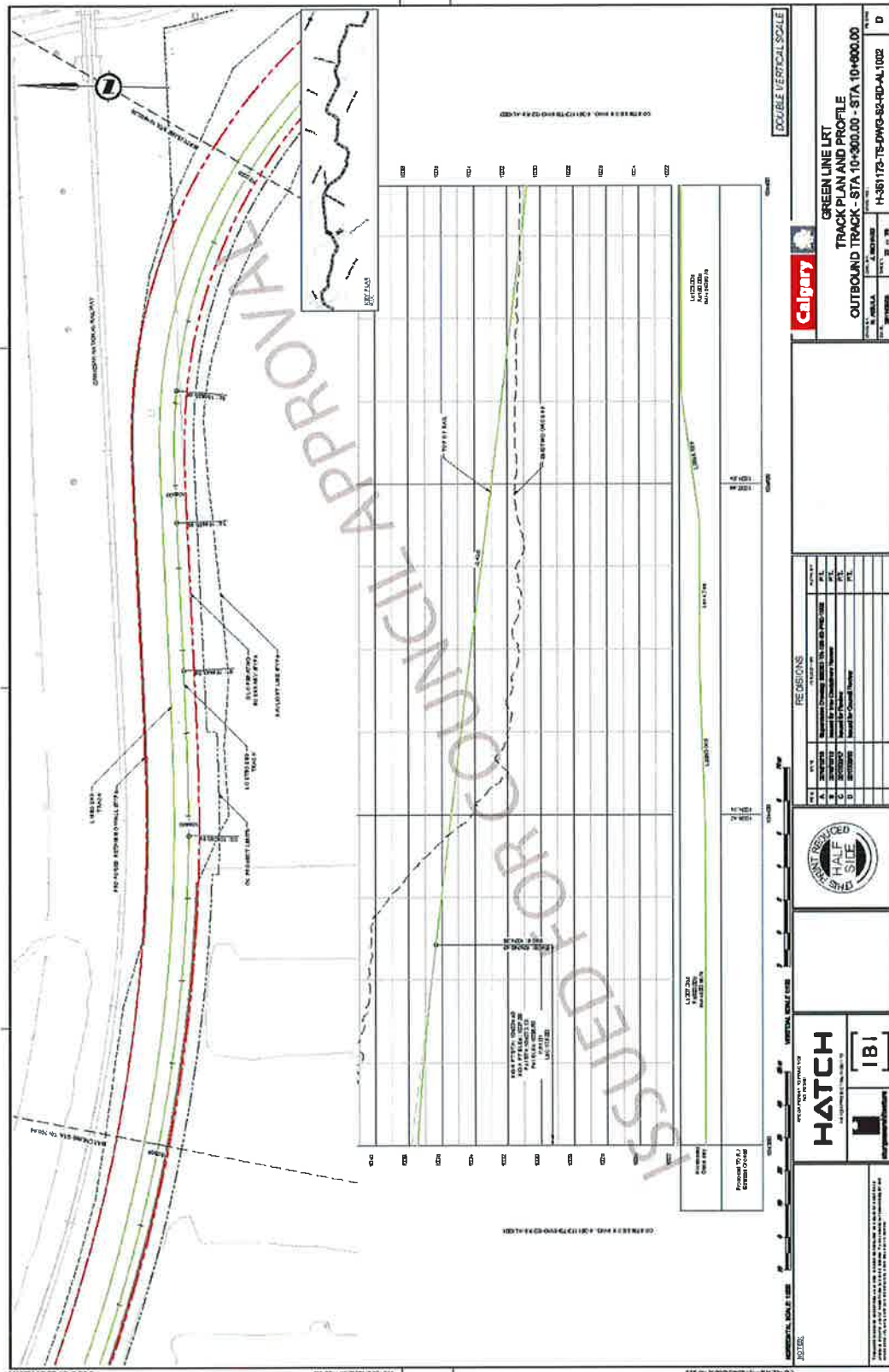
# Green Line LRT Alignment: 160 Avenue N to Seton



Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton





[illegible]

**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 10+670.00 - STA 11+240.00**

**Calgary**

**HATCH**  
**IBI**

**REVISIONS**

NO.	DATE	DESCRIPTION	BY	CHKD
1	2010-03-10	Initial Design	J. Smith	M. Jones
2	2010-03-15	Revised Design	J. Smith	M. Jones
3	2010-03-20	Final Design	J. Smith	M. Jones

**REGIONS**

REGION	DATE	DESCRIPTION	BY	CHKD
1	2010-03-10	Initial Design	J. Smith	M. Jones
2	2010-03-15	Revised Design	J. Smith	M. Jones
3	2010-03-20	Final Design	J. Smith	M. Jones

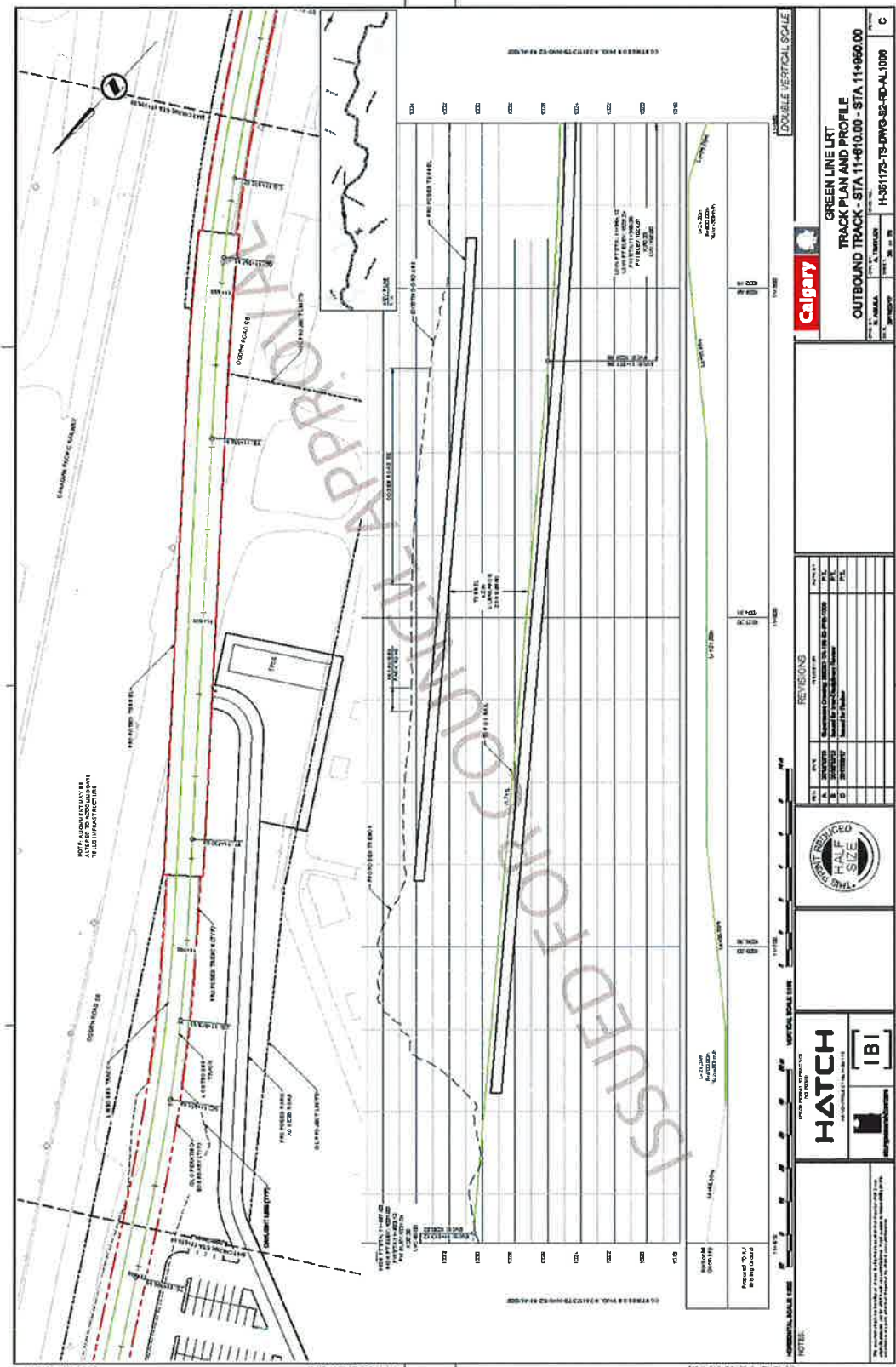
**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 11+240.00 - STA 11+610.00**

**Calgary**

**HATCH**  
 PROJECT ARCHITECT  
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Green Line LRT Alignment: 160 Avenue N to Seton



**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 11+850.00 - STA 12+270.00**

**Calgary**

**HATCH**

**IBI**

**NOT FOR CONSTRUCTION**

**DOUBLE VERTICAL SCALE**

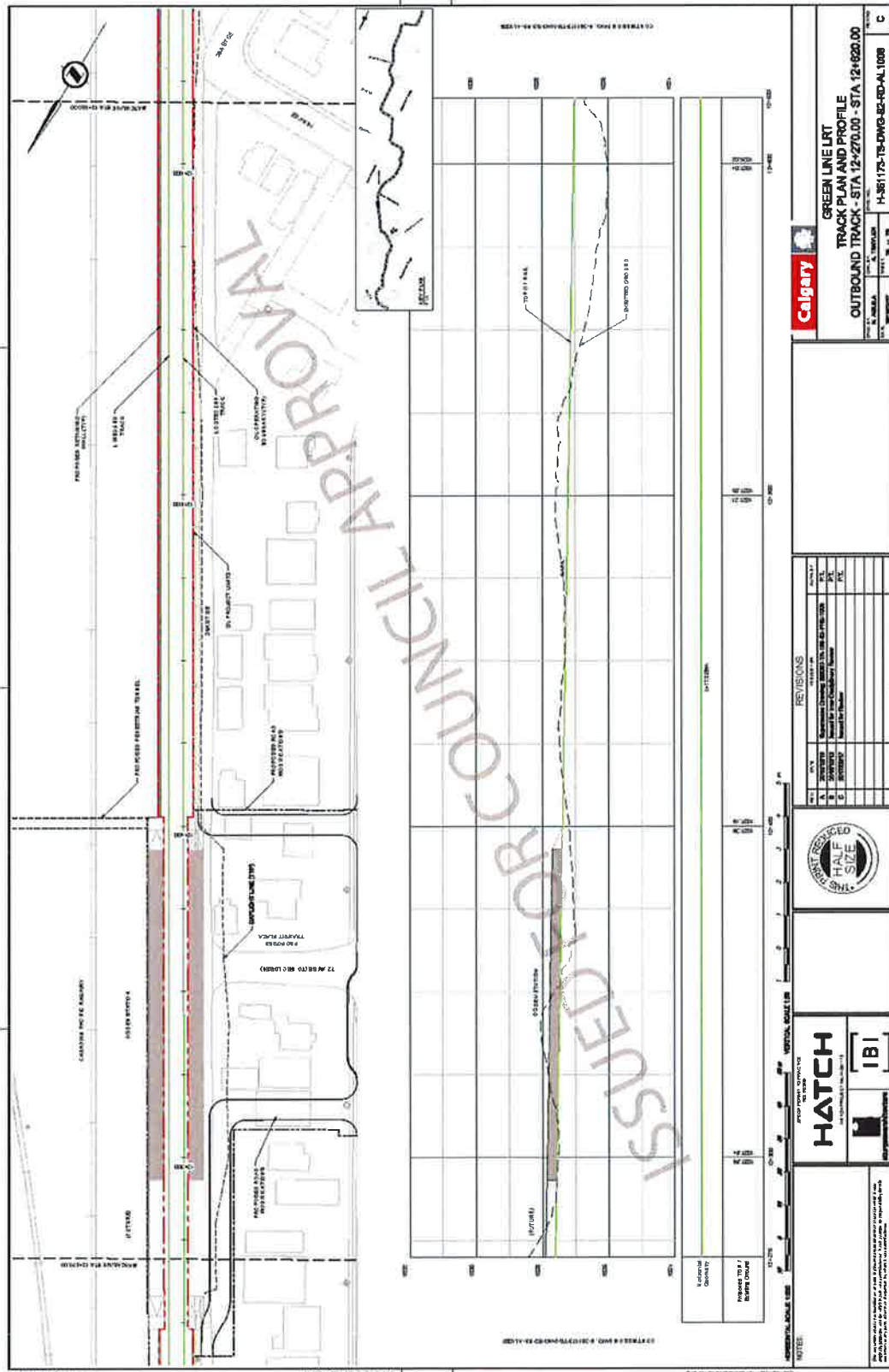
**REVISIONS**

**DATE** **BY** **CHKD** **APPD**

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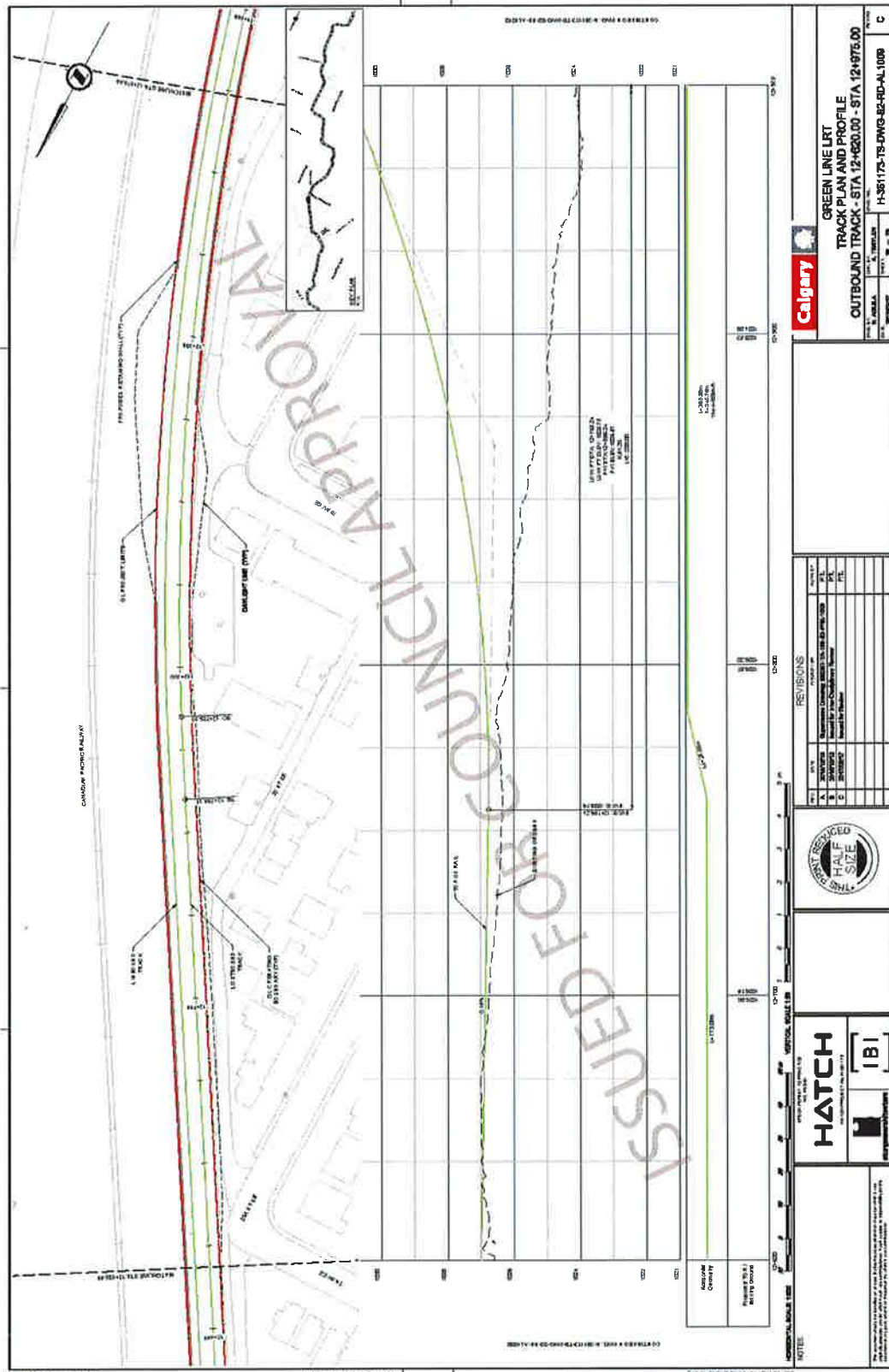
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**PRO**

# Green Line LRT Alignment: 160 Avenue N to Seton

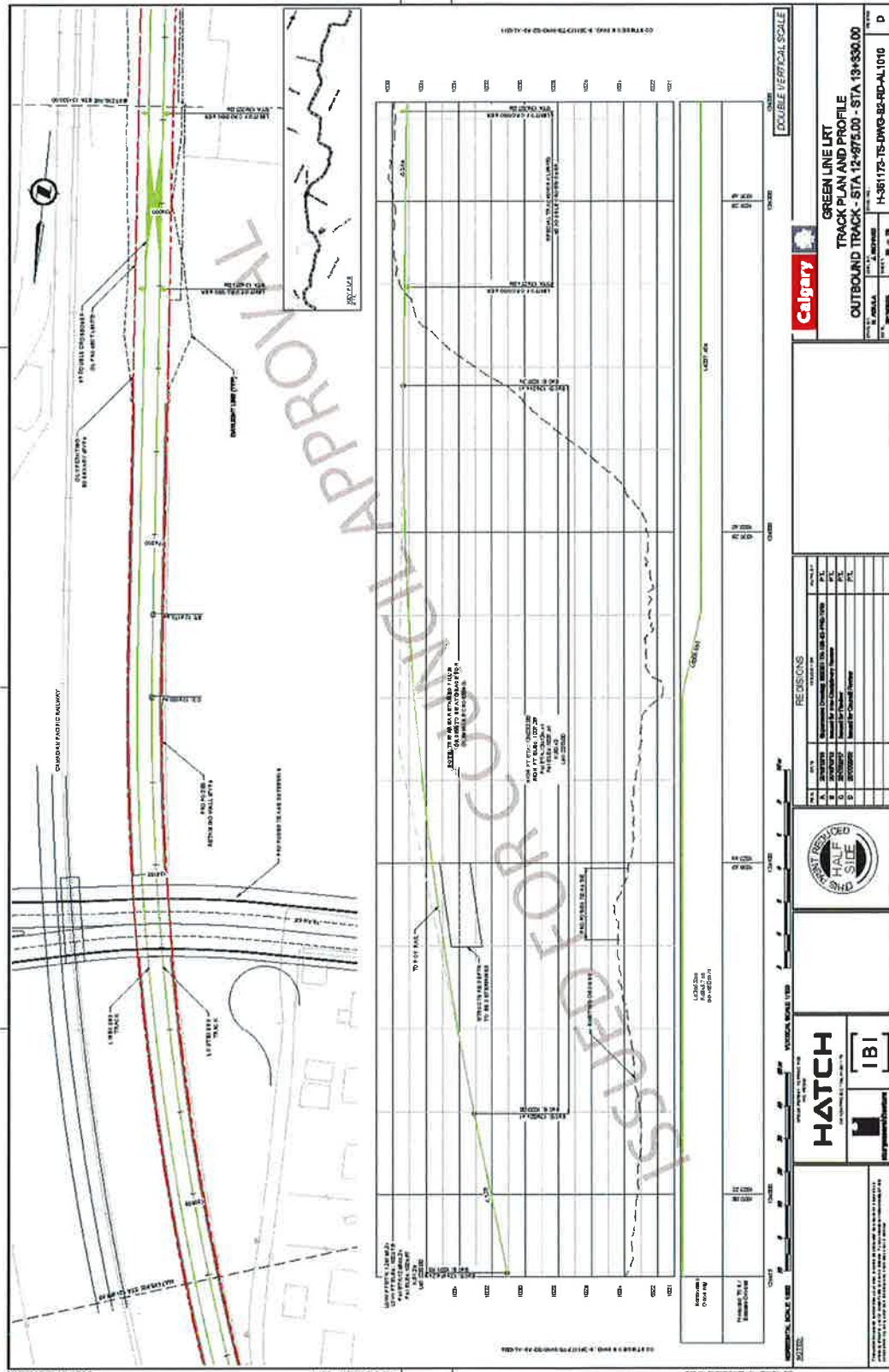




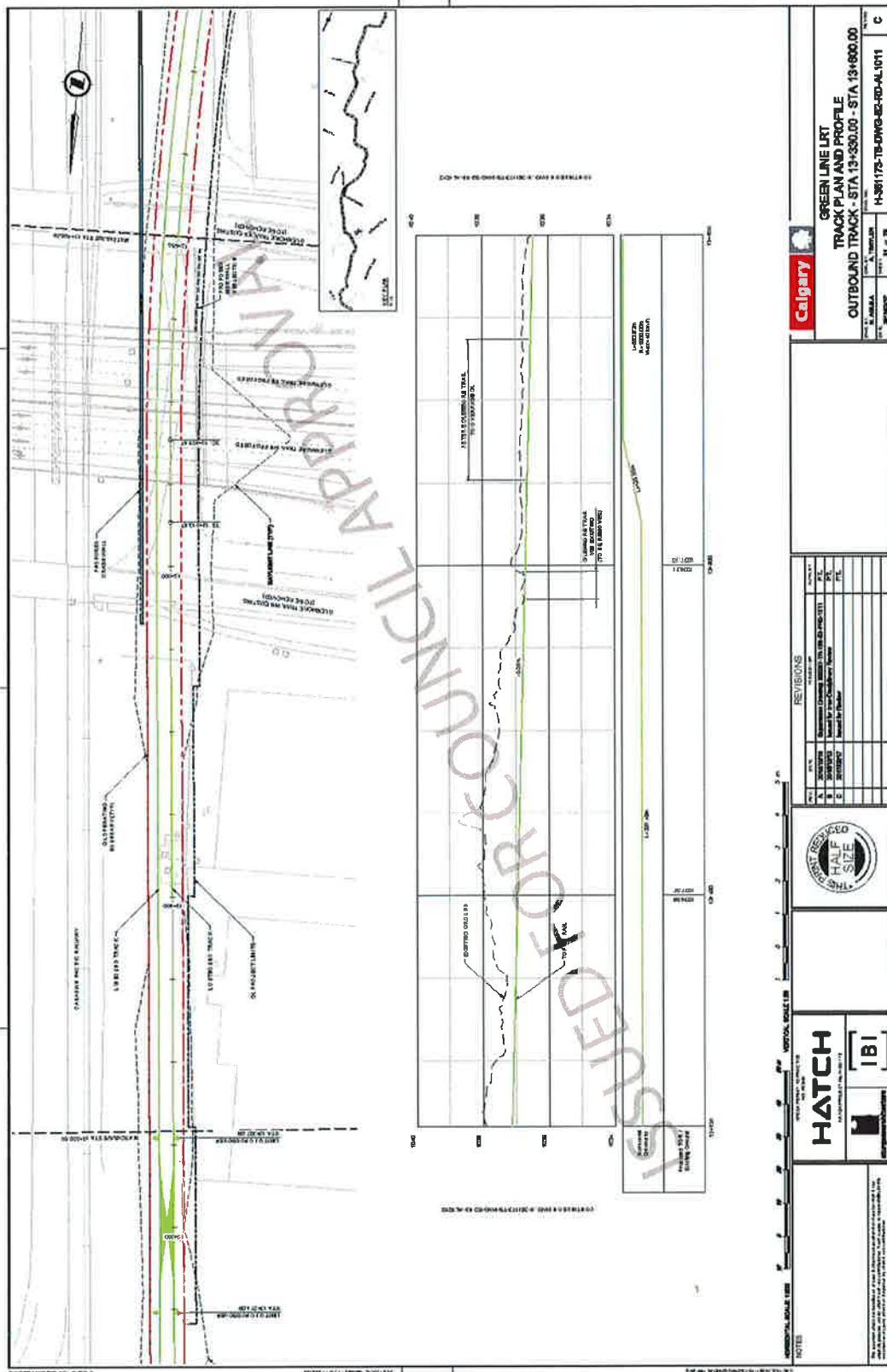
# Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton



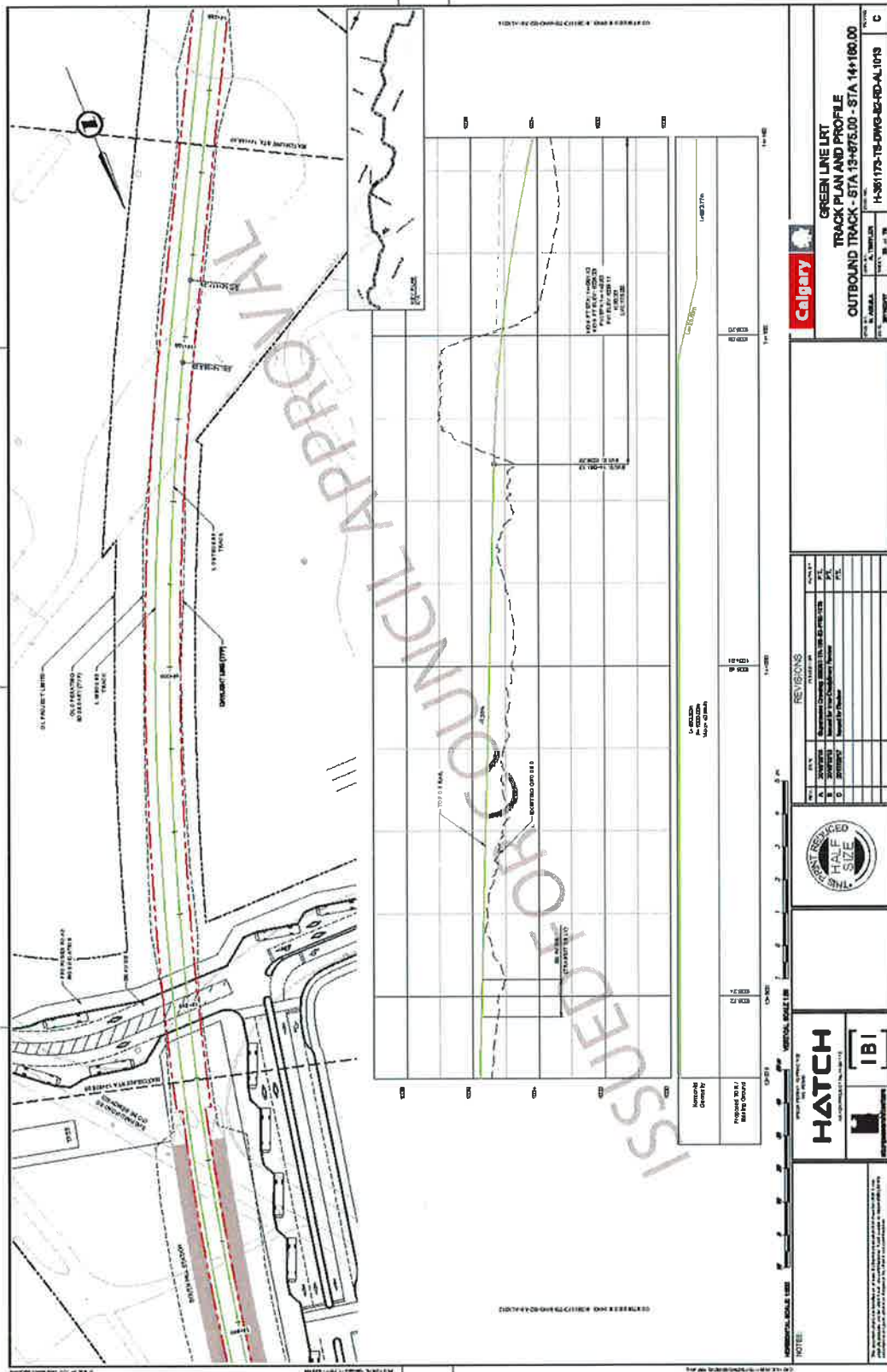
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# Green Line LRT Alignment: 160 Avenue N to Seton



**GREEN LINE LRT TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 14+180.00 - STA 14+450.00**

**REVISIONS**

NO.	DATE	BY	CHKD	DESCRIPTION
1	01/15/11	J. J. J.	J. J. J.	ISSUED FOR CONSTRUCTION

**HATCH**  
 HATCH & COMPANY  
 1111 11th Avenue S.W.  
 Calgary, Alberta T2P 4K1  
 Tel: (403) 243-1111  
 Fax: (403) 243-1112  
 Email: info@hatch.ca

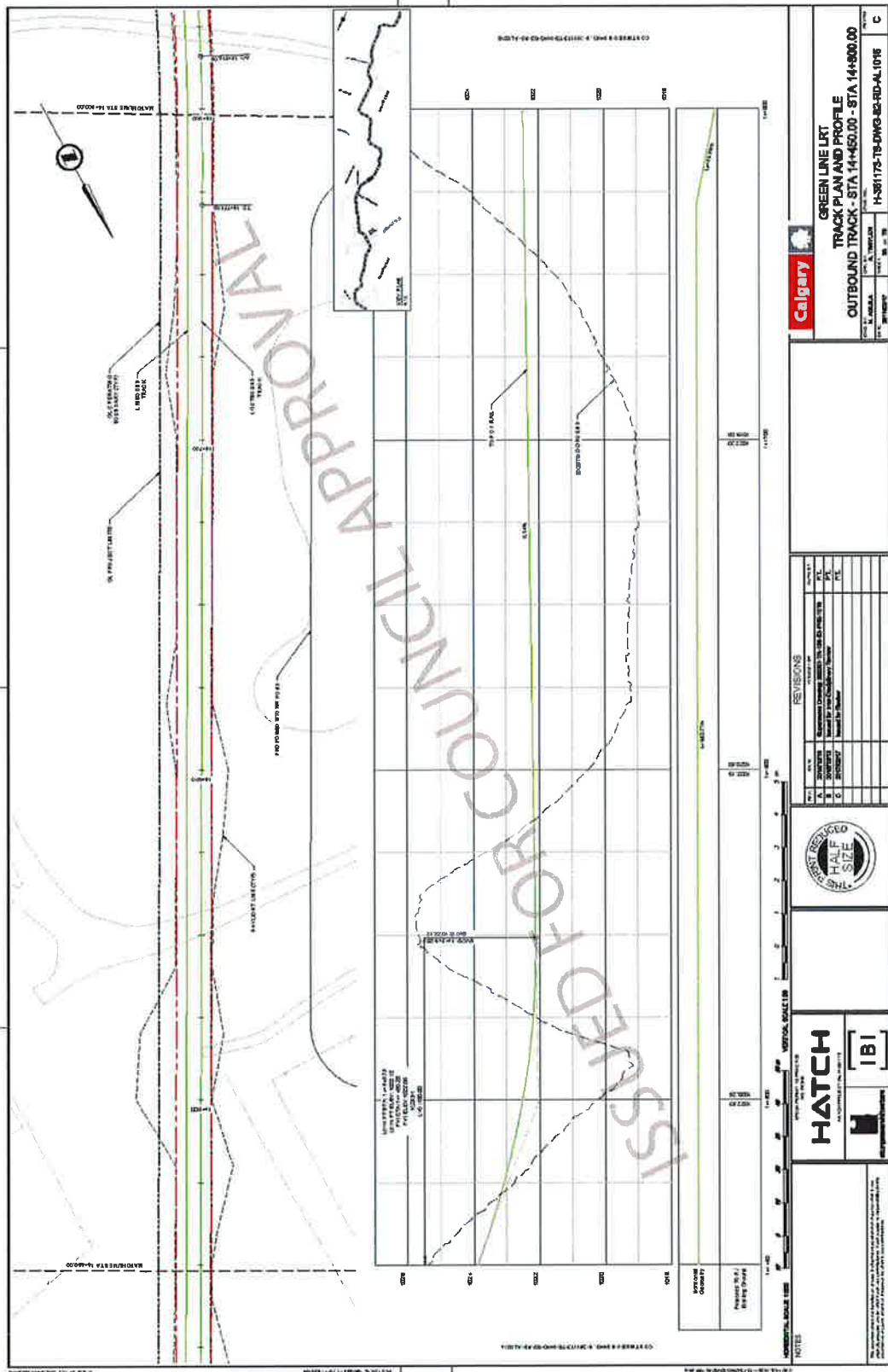
**IBI**  
 Infrastructure Builders Inc.  
 1111 11th Avenue S.W.  
 Calgary, Alberta T2P 4K1  
 Tel: (403) 243-1111  
 Fax: (403) 243-1112  
 Email: info@ibi.ca

**NOTES:**

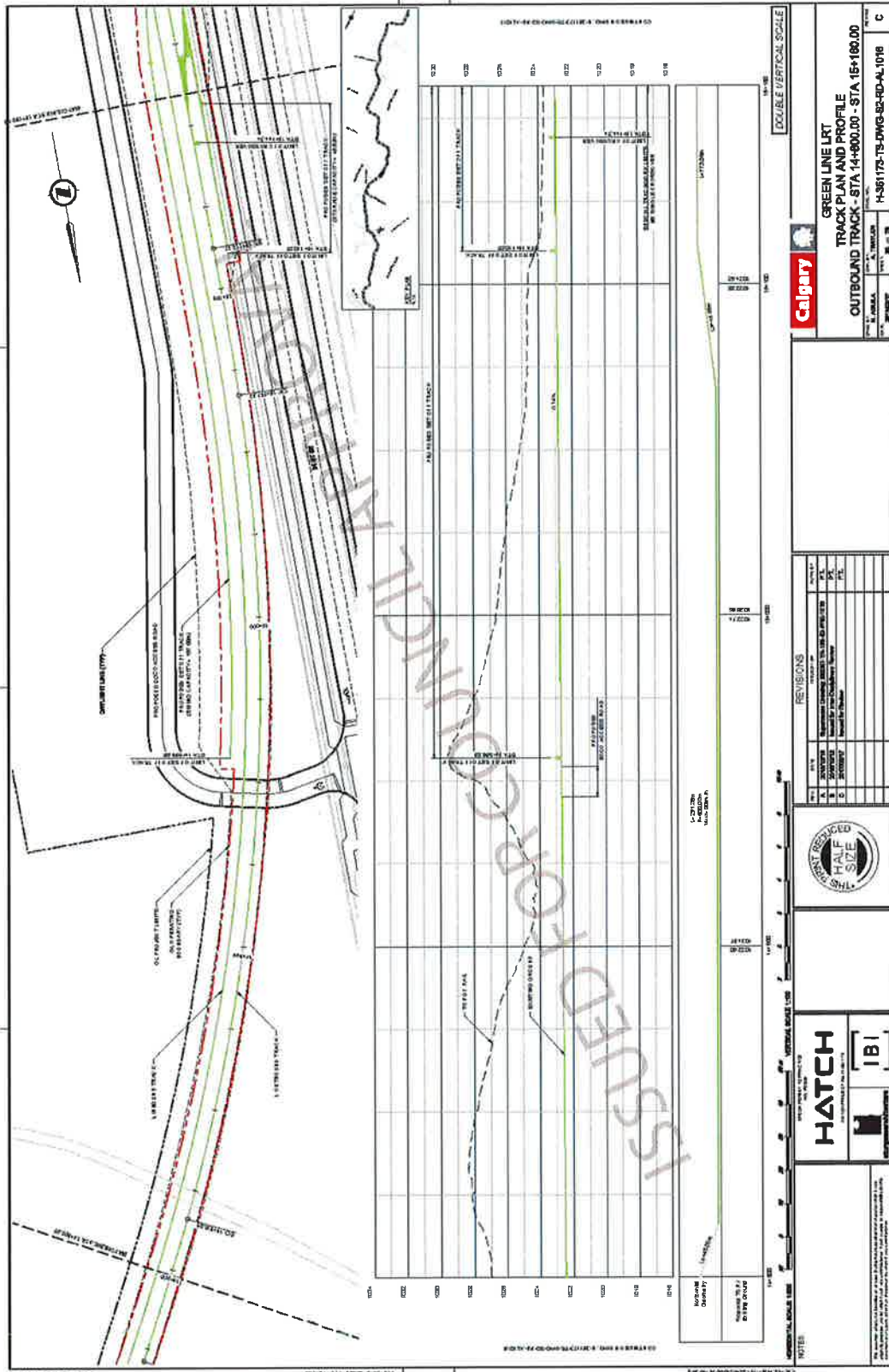
- SEE PLAN FOR TRACK ALIGNMENT AND STATIONING.
- SEE PROFILE FOR TRACK ELEVATION AND VERTICAL ALIGNMENT.
- SEE STRUCTURE SCHEDULE FOR DETAILS OF ALL STRUCTURES.
- SEE MATERIAL SPECIFICATIONS FOR MATERIALS TO BE USED.
- SEE CONSTRUCTION SPECIFICATIONS FOR CONSTRUCTION METHODS TO BE USED.



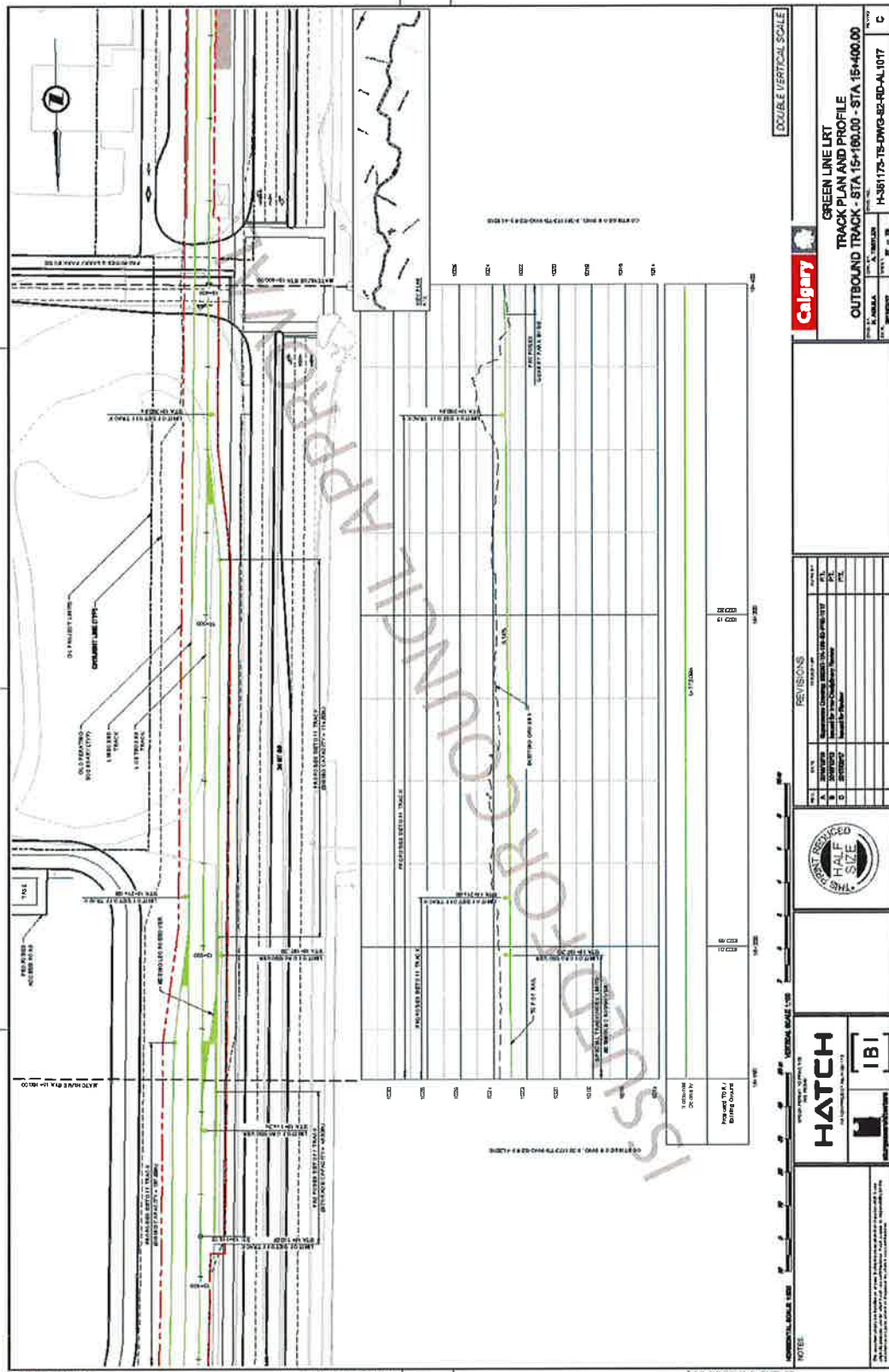
# Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton



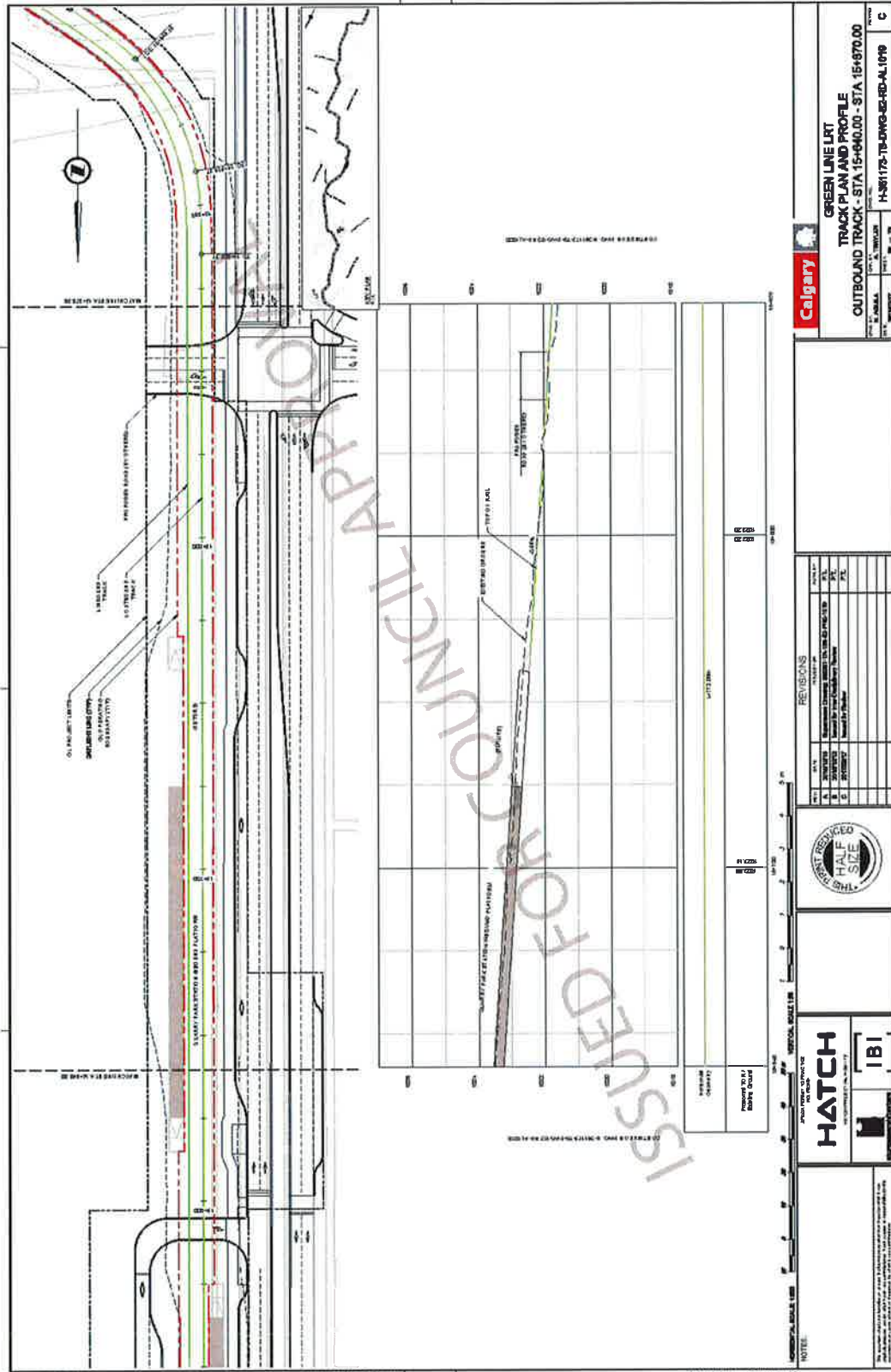
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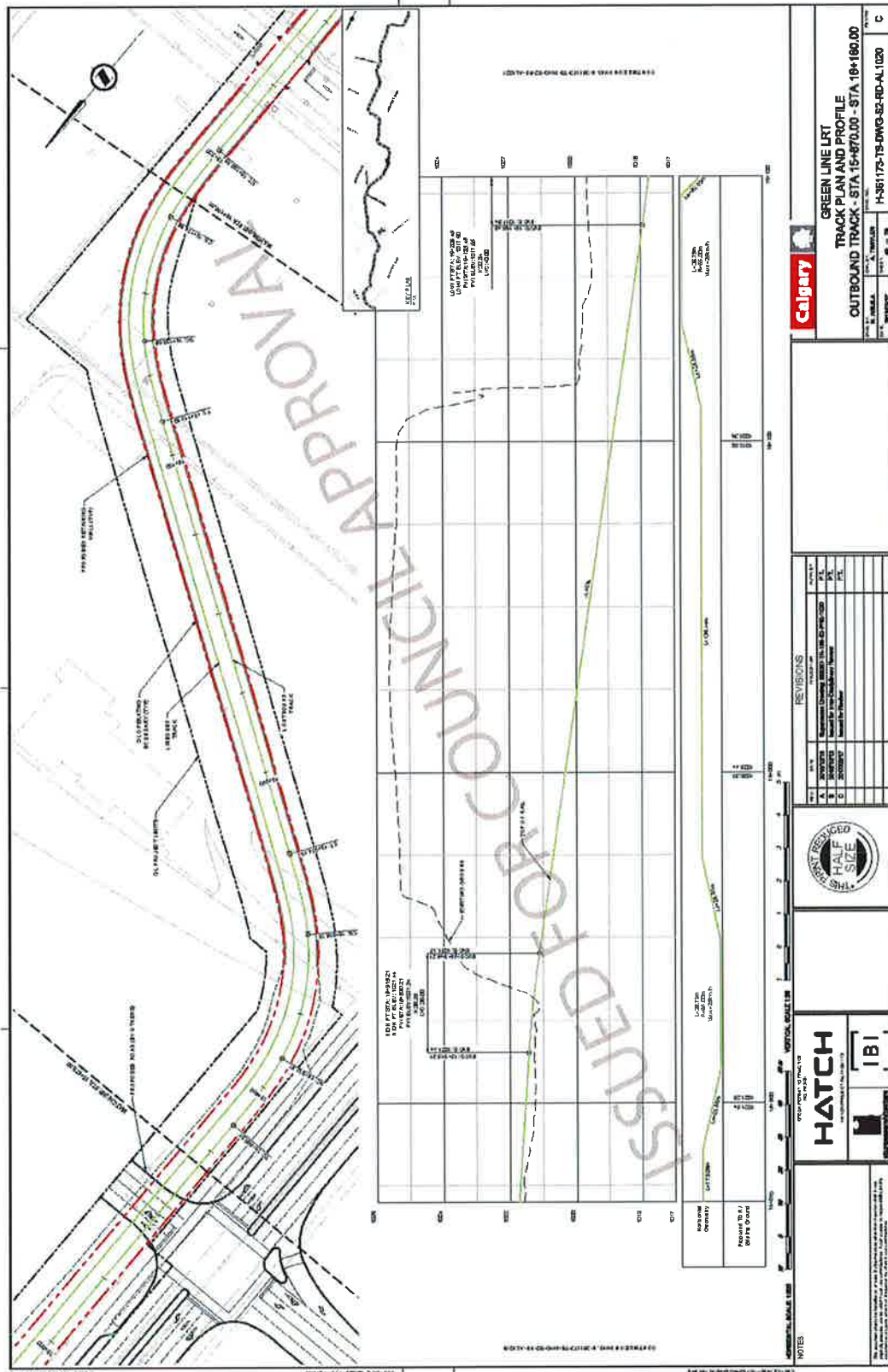


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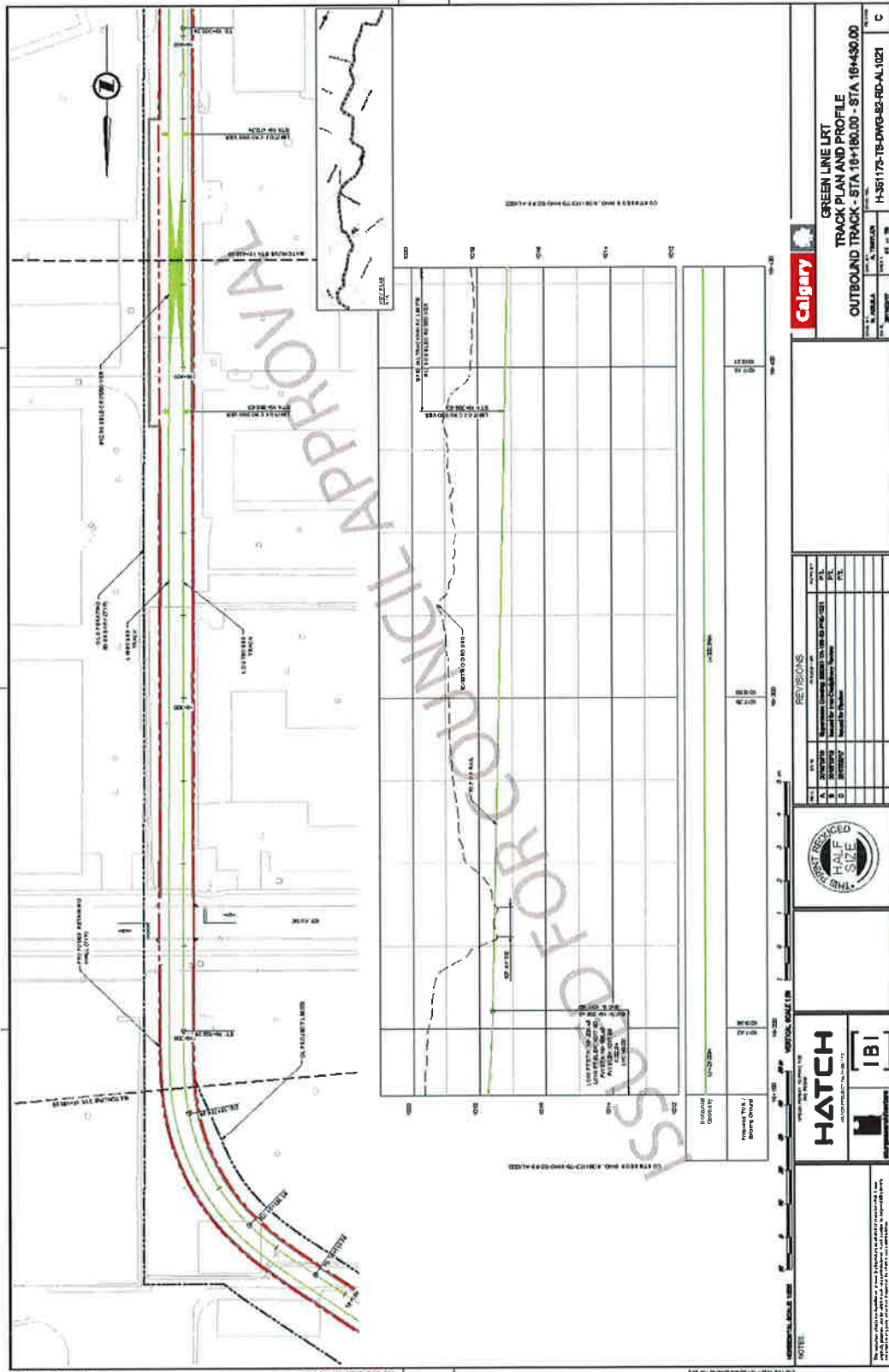


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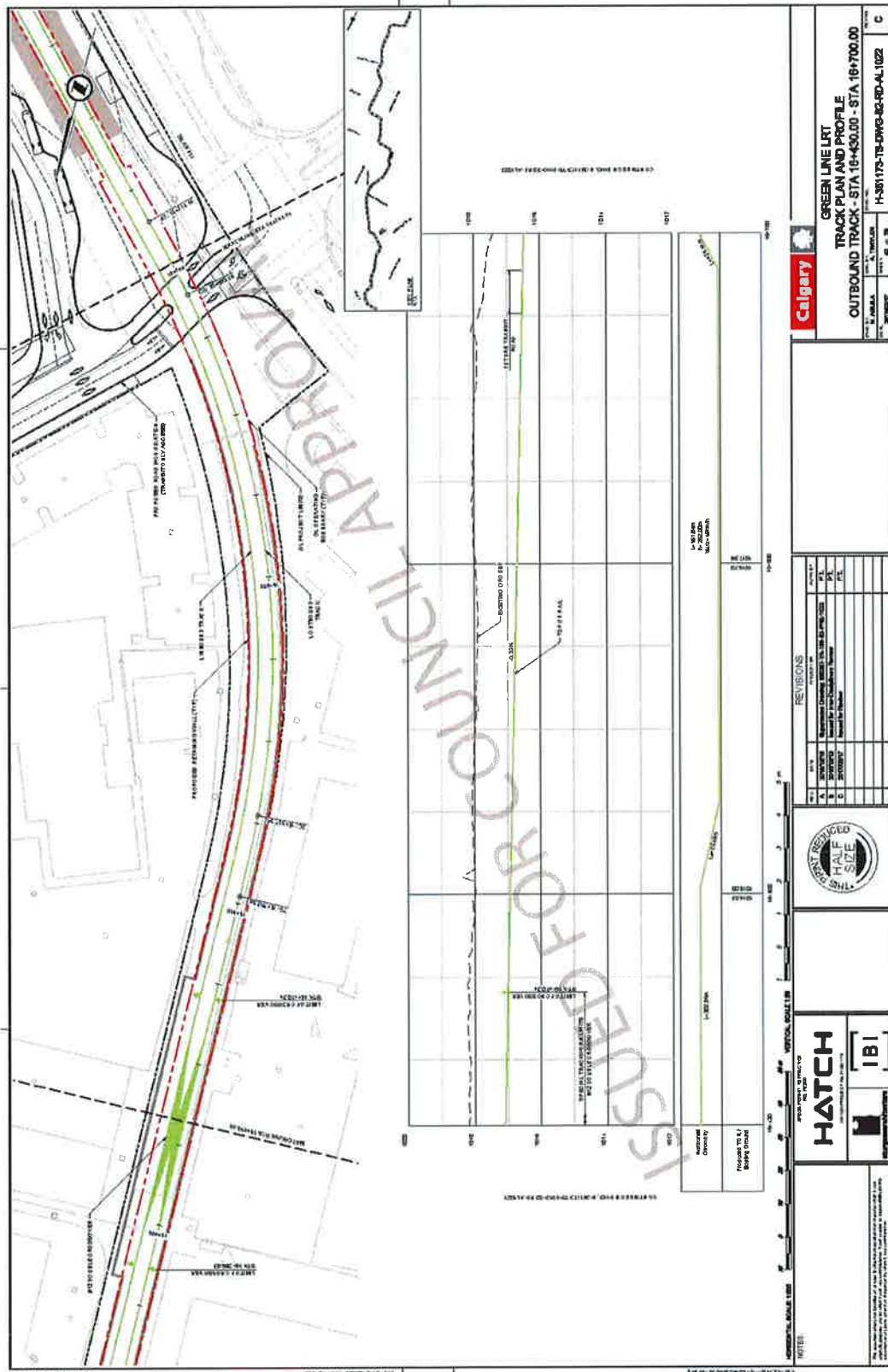




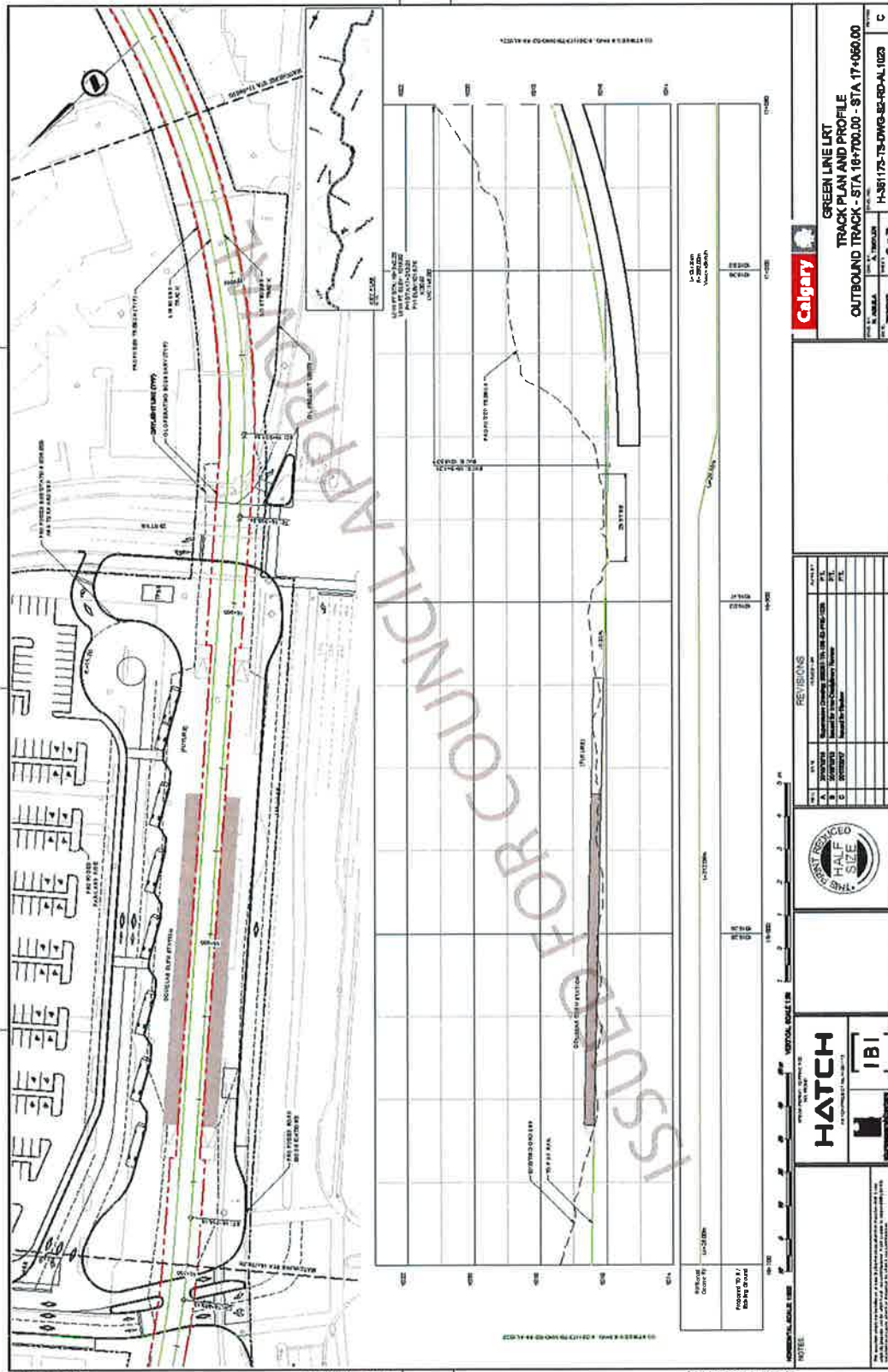
# Green Line LRT Alignment: 160 Avenue N to Seton



# Green Line LRT Alignment: 160 Avenue N to Seton

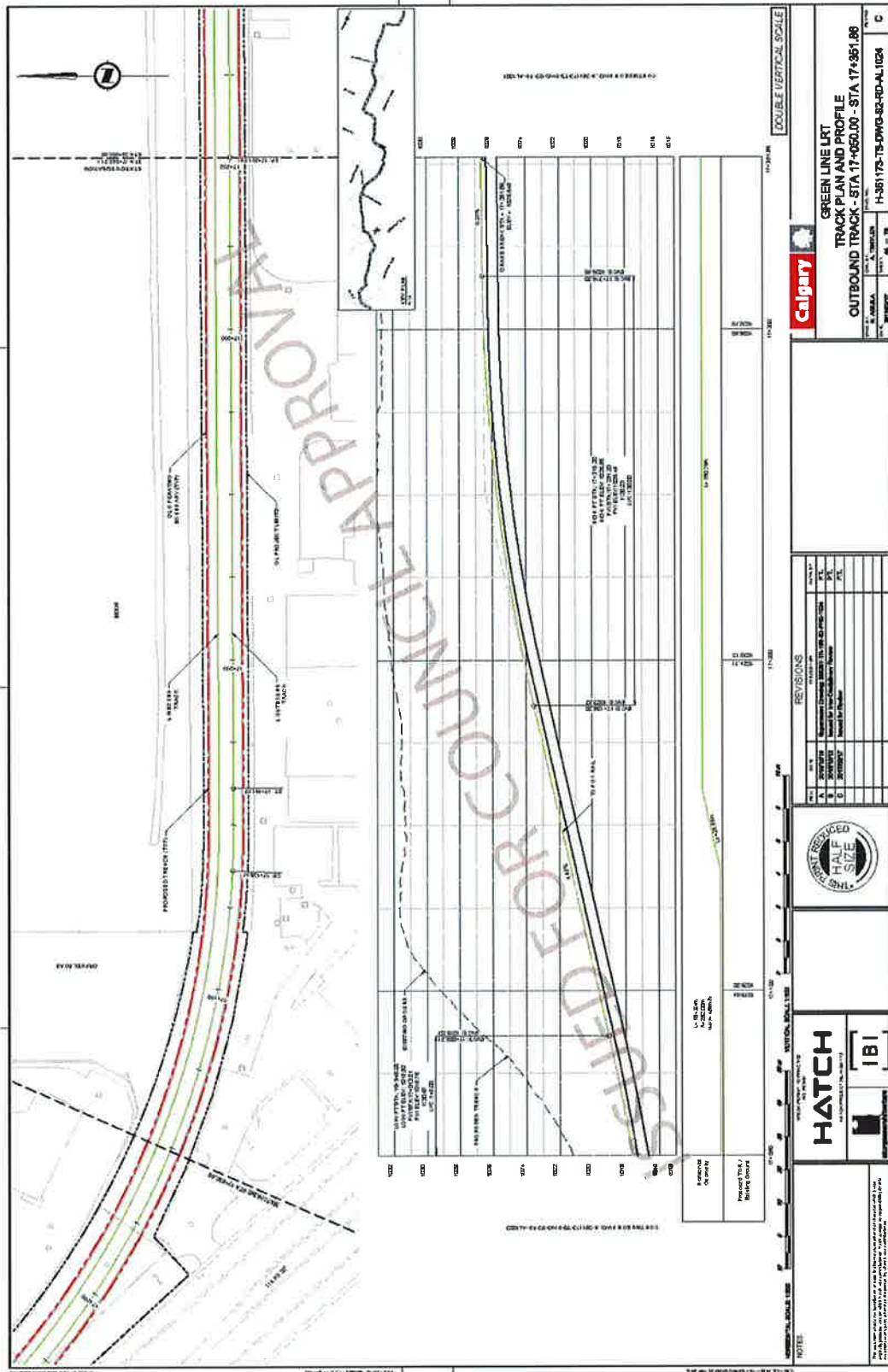


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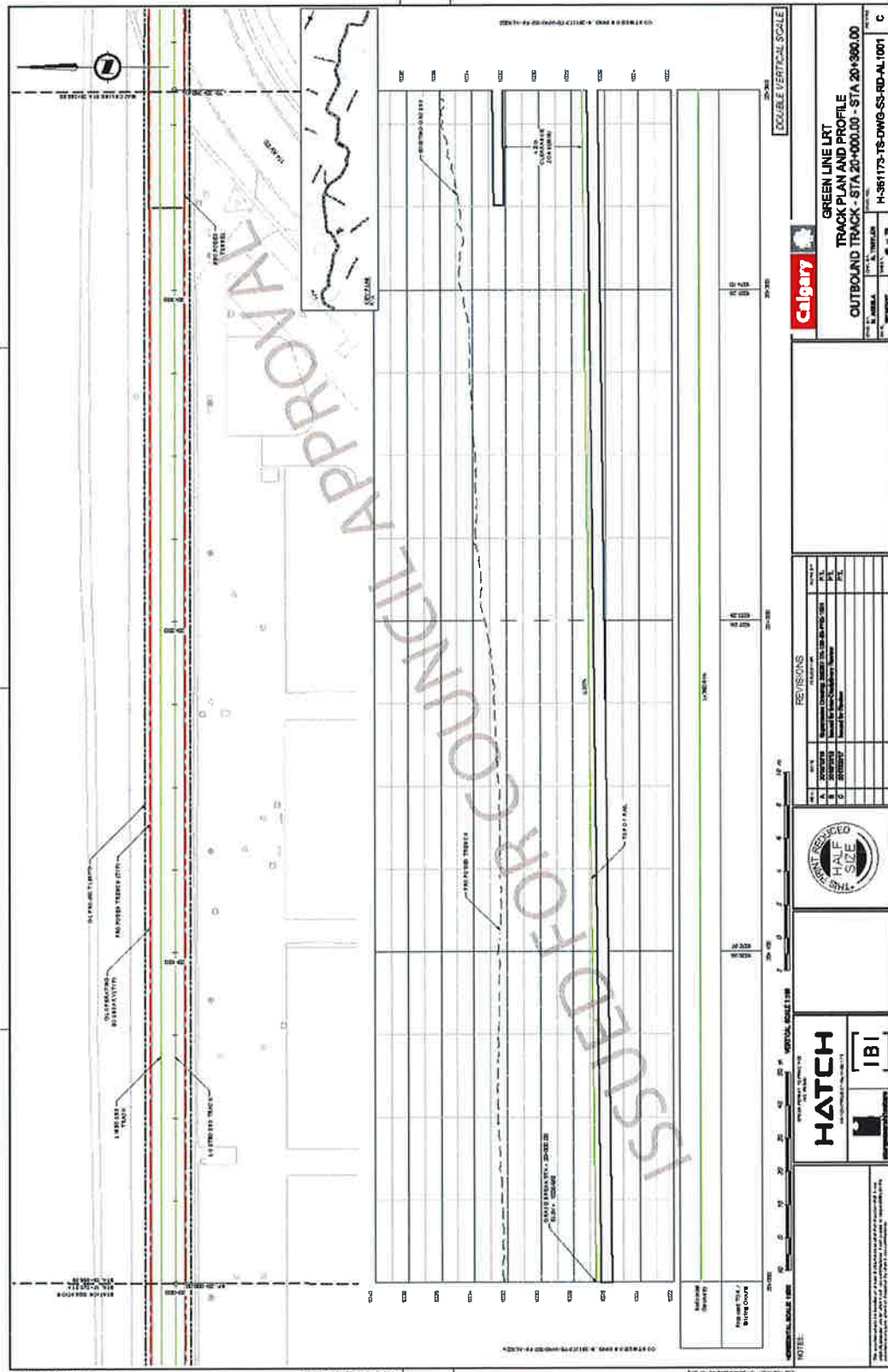




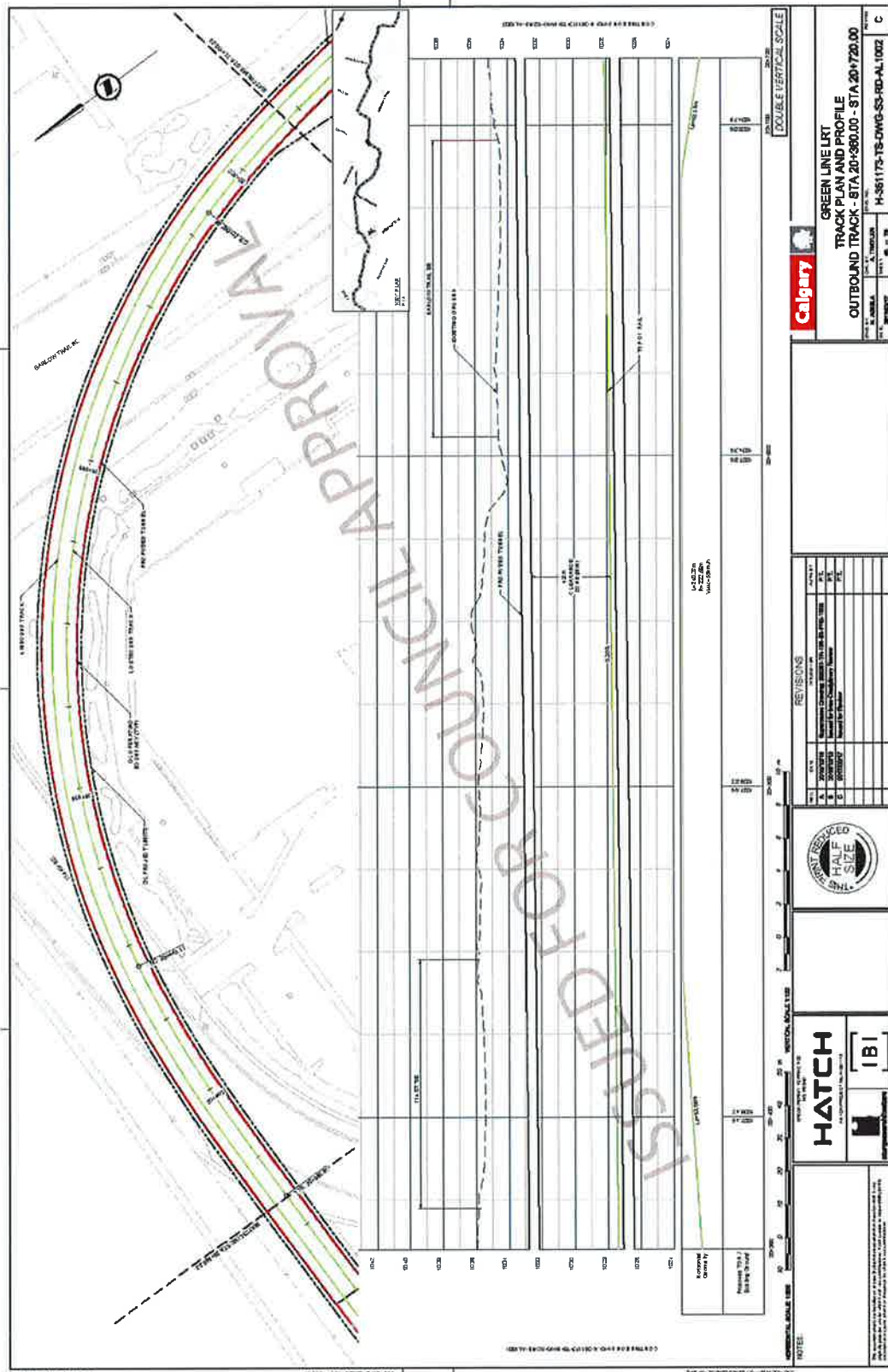
# Green Line LRT Alignment: 160 Avenue N to Seton



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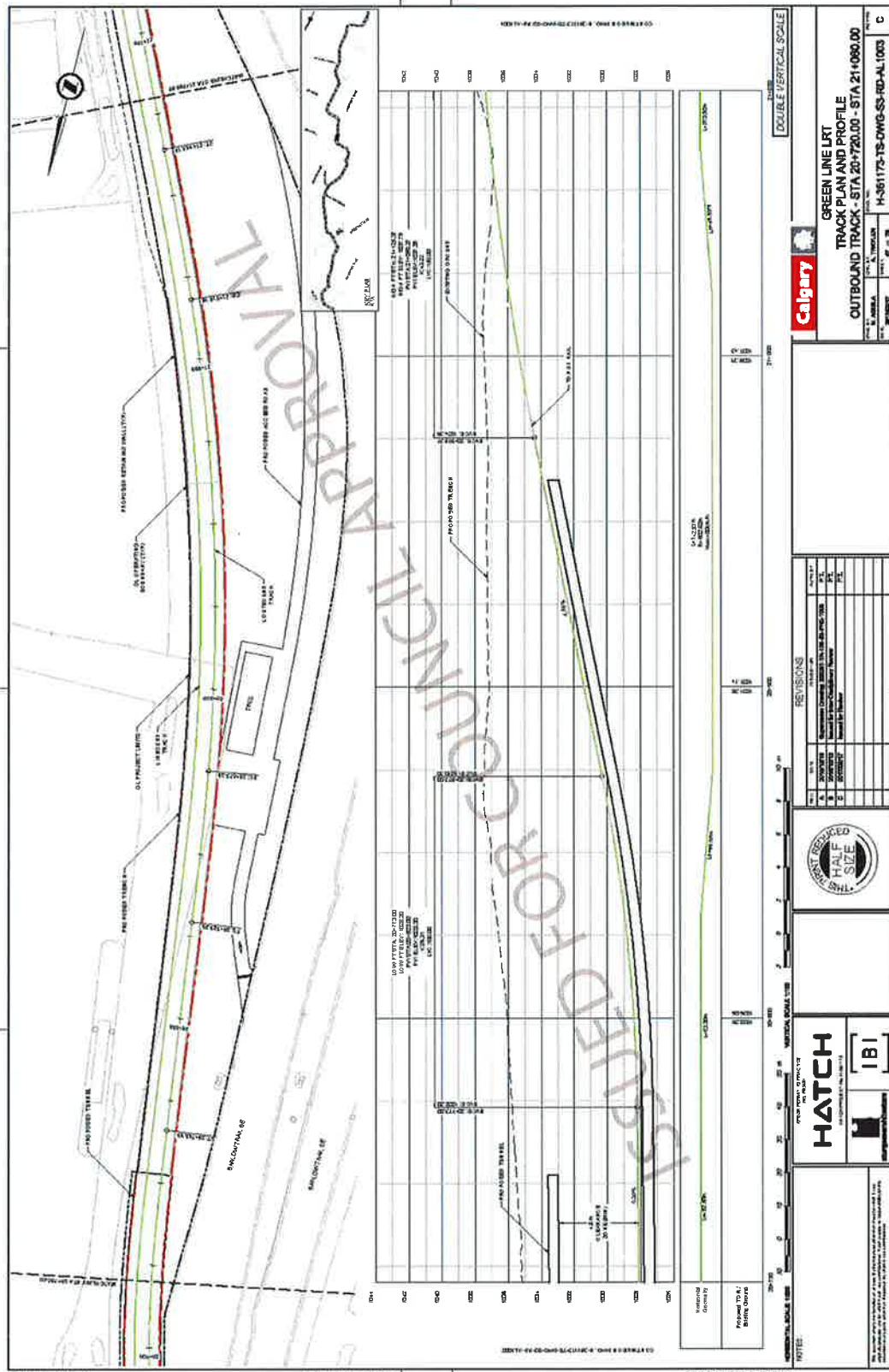


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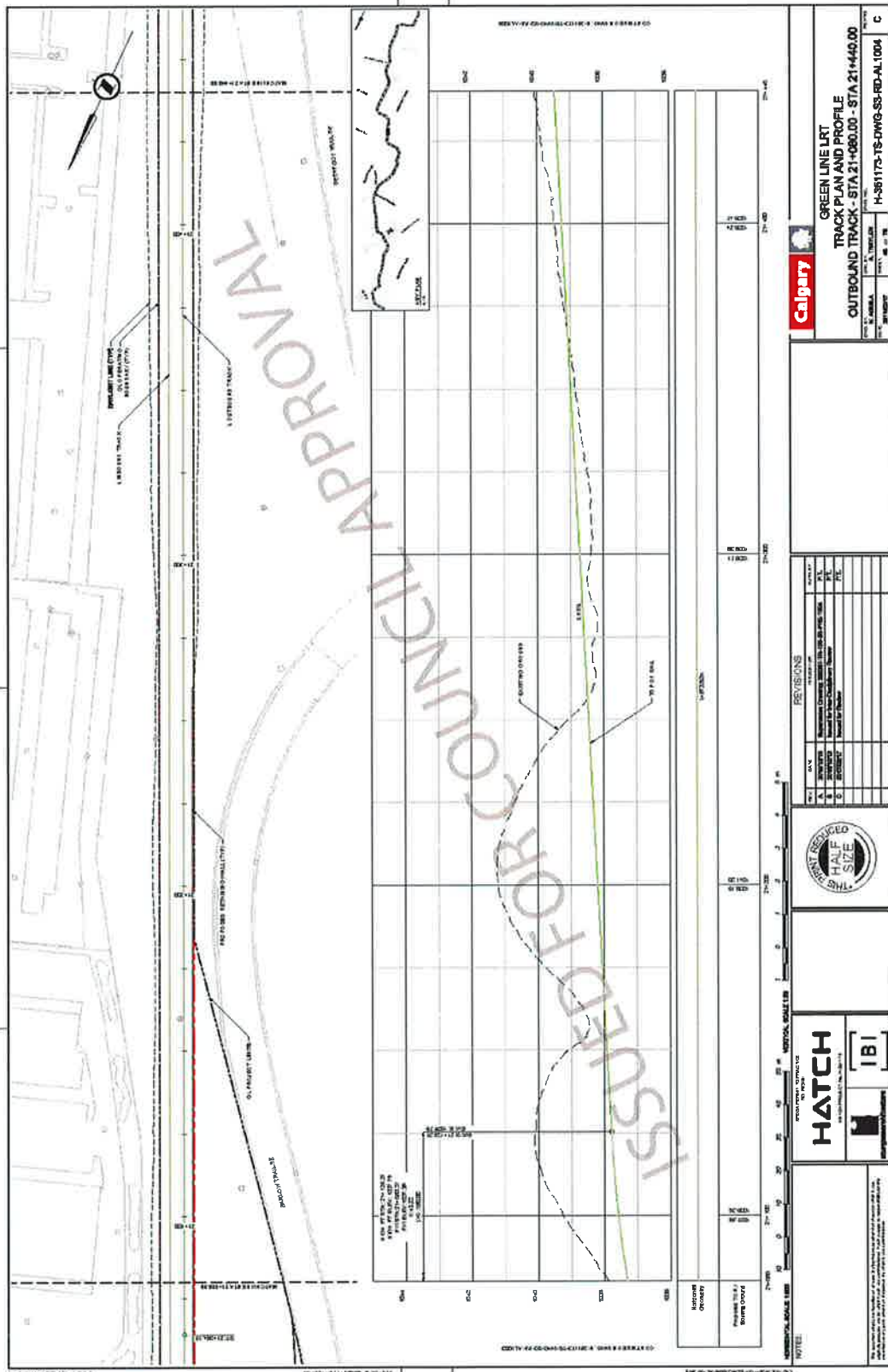




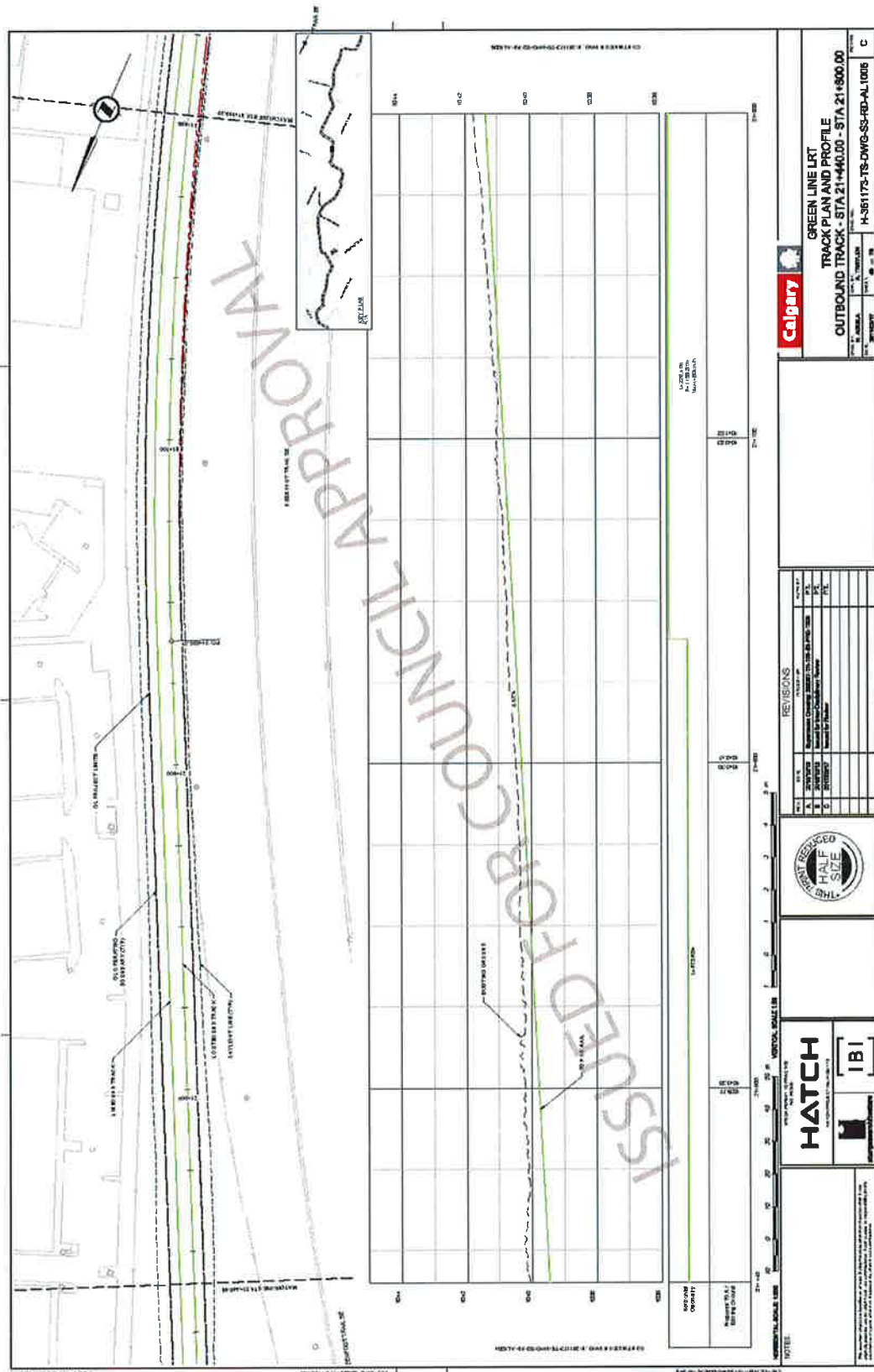
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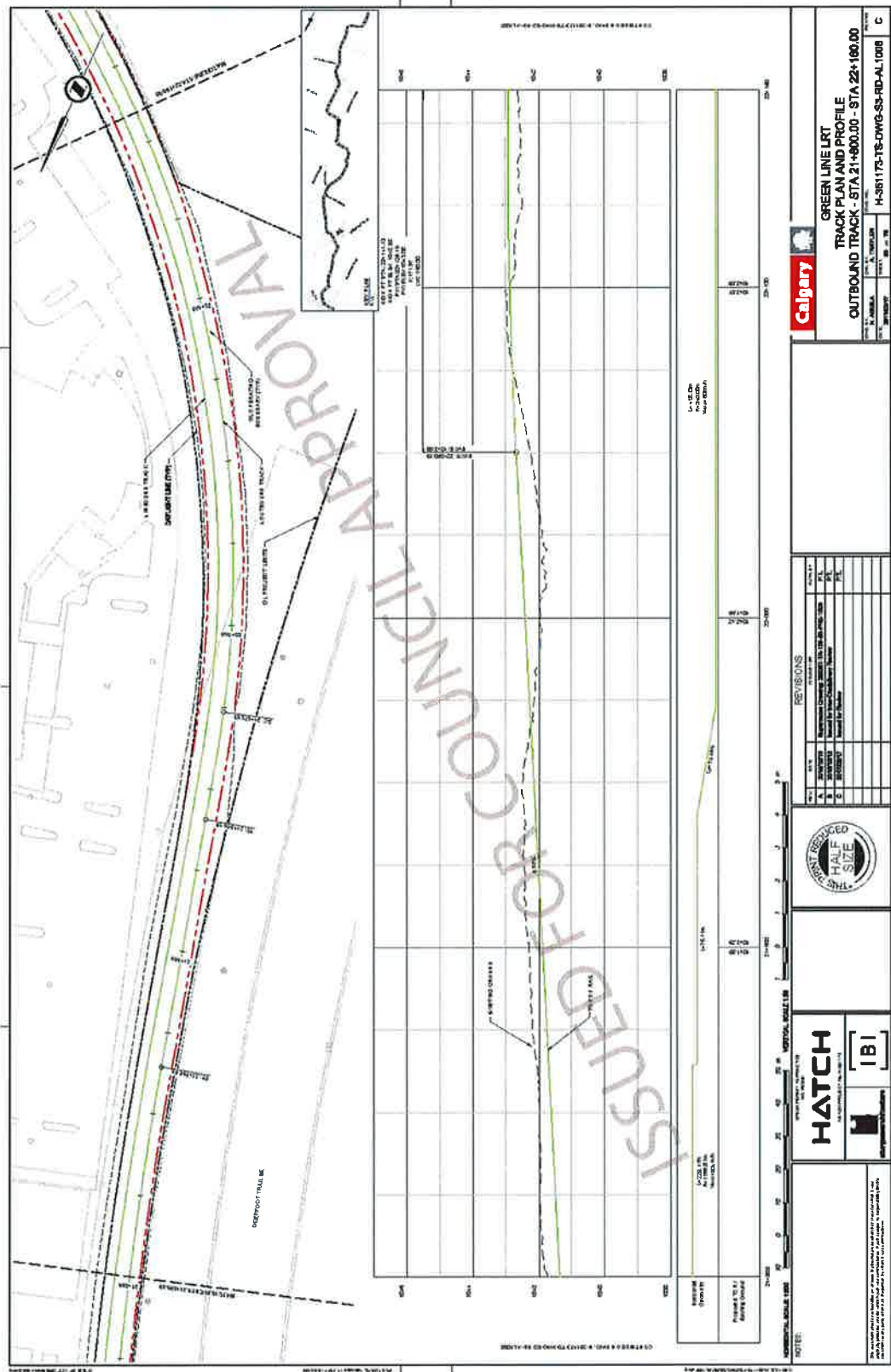


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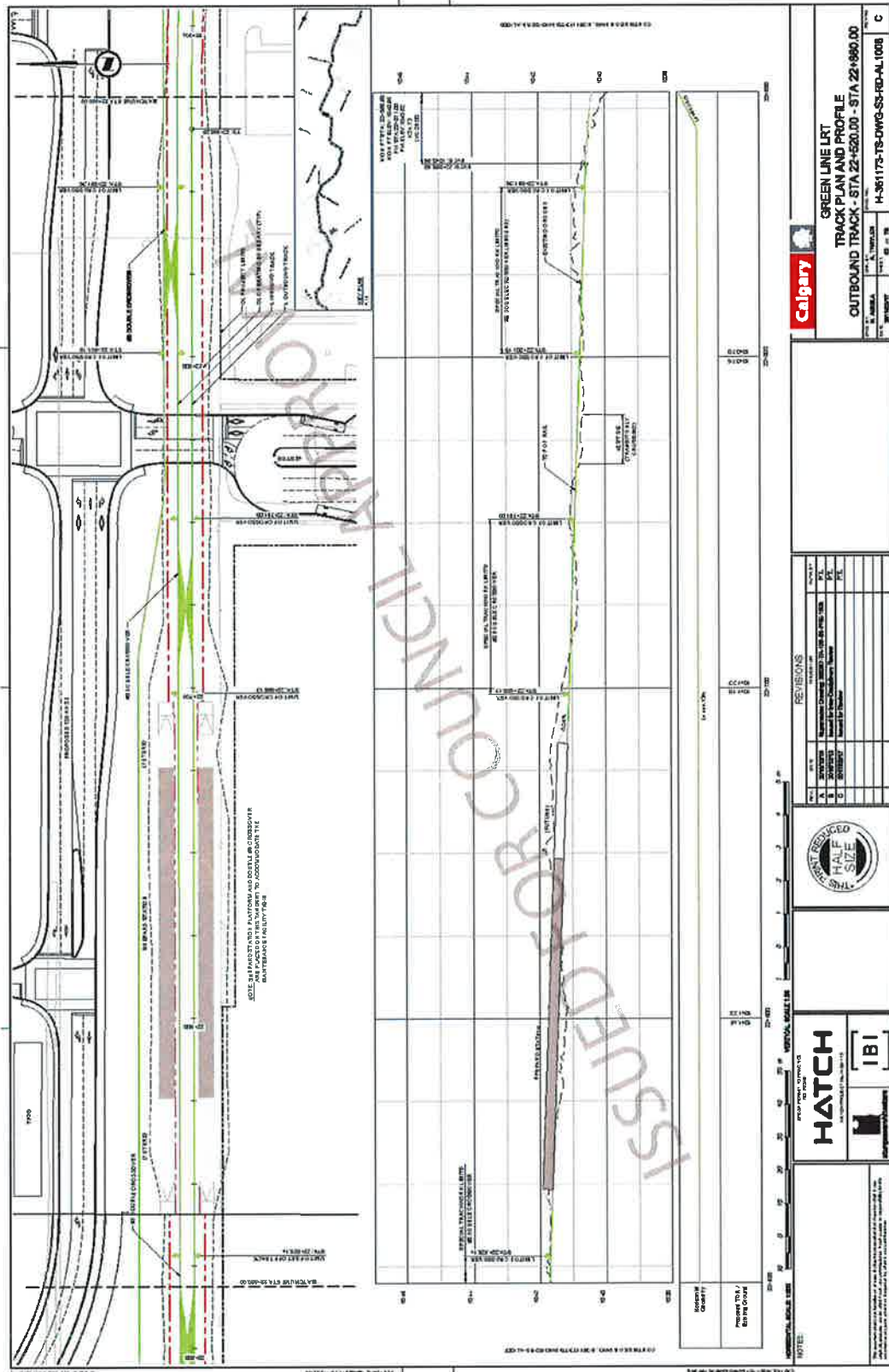


Green Line LRT Alignment: 160 Avenue N to Seton



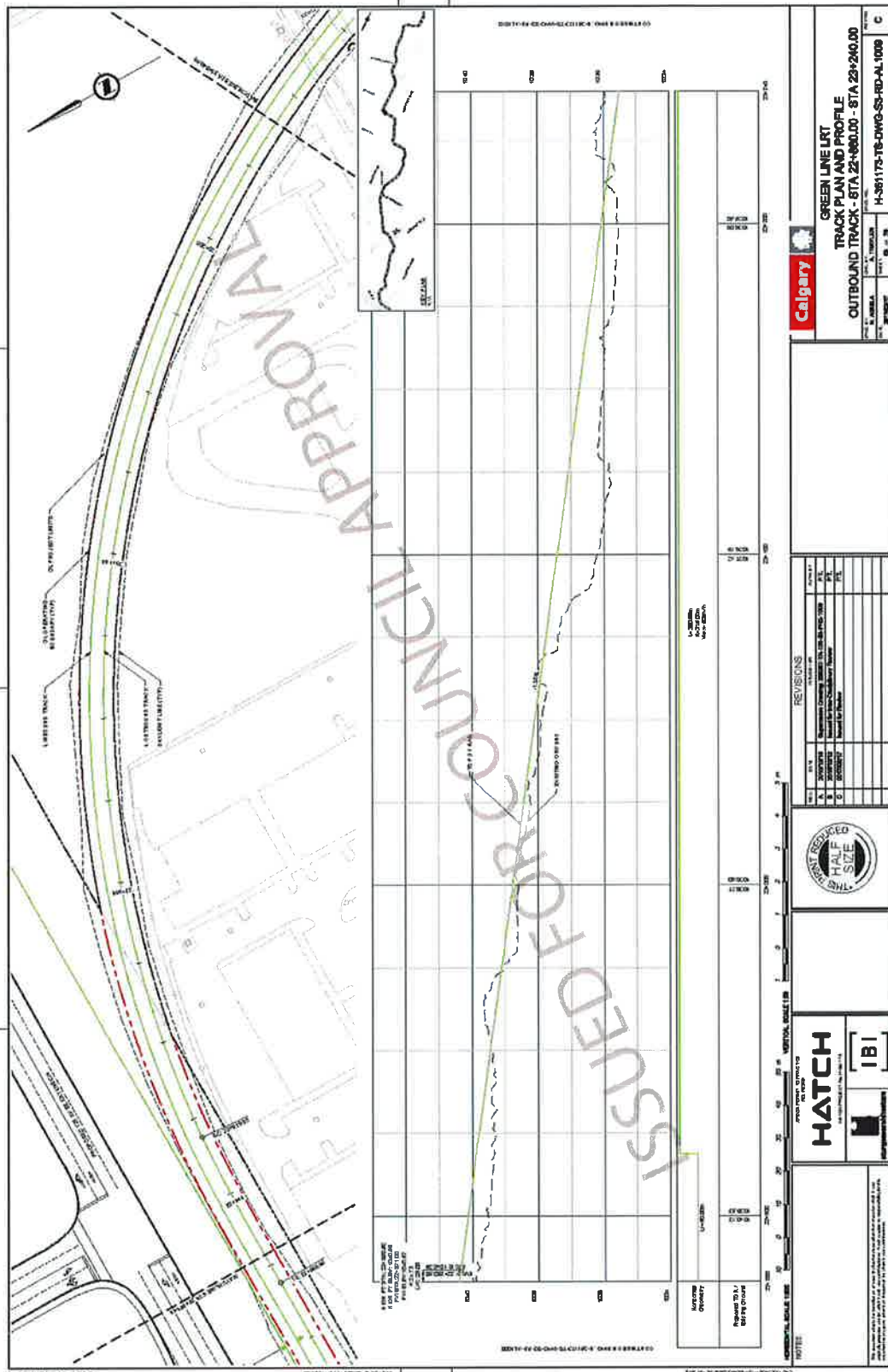
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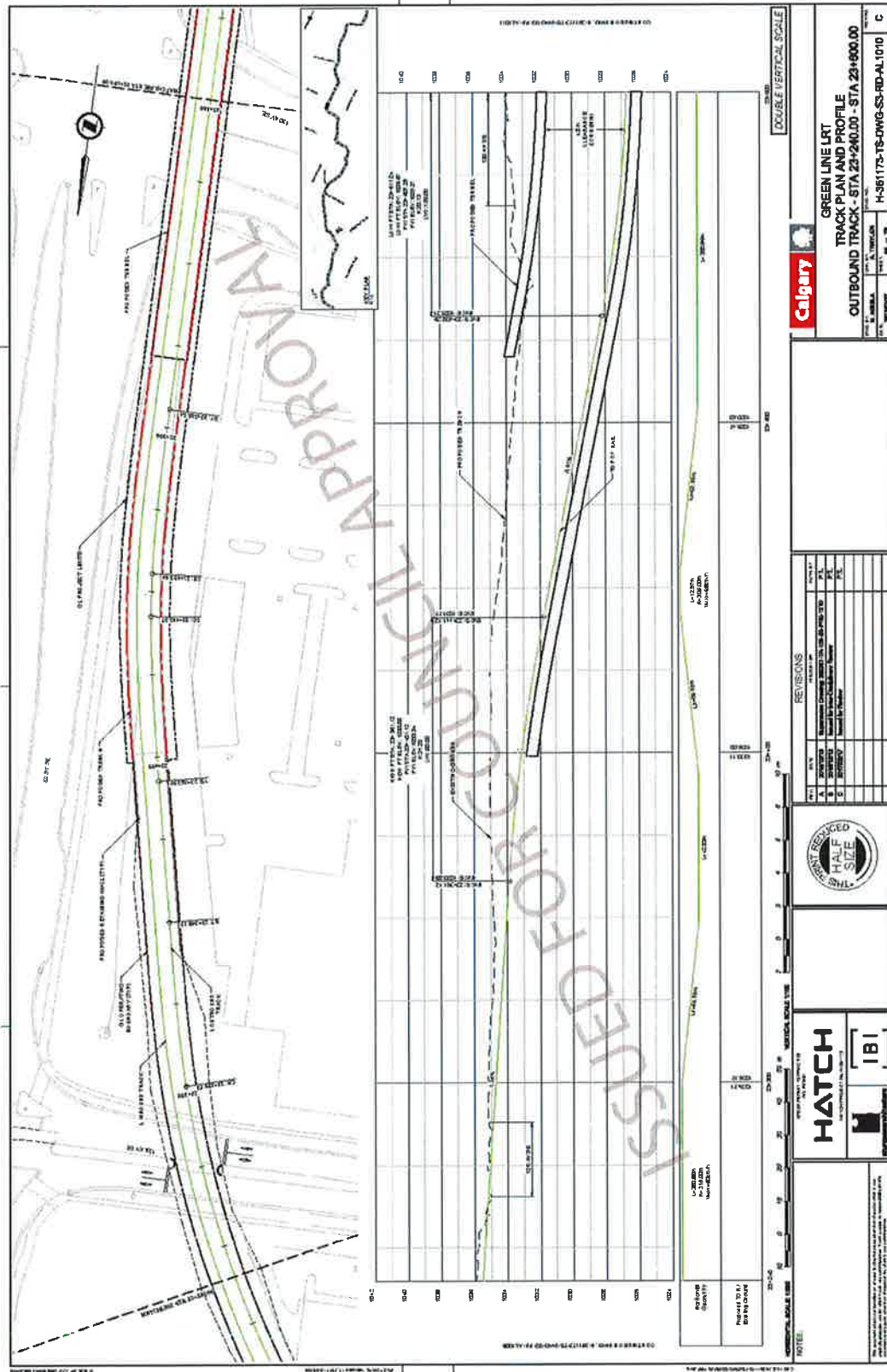




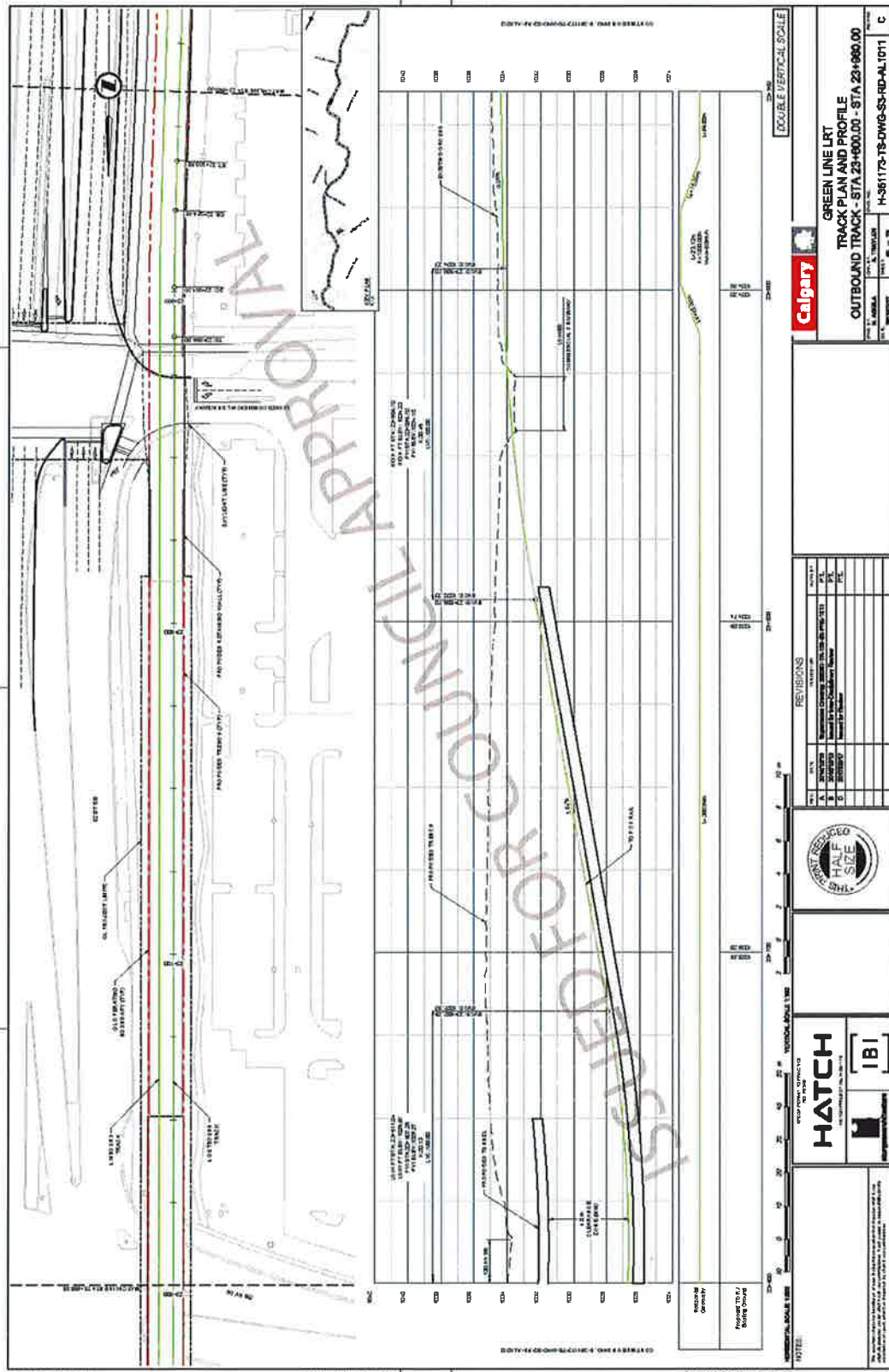
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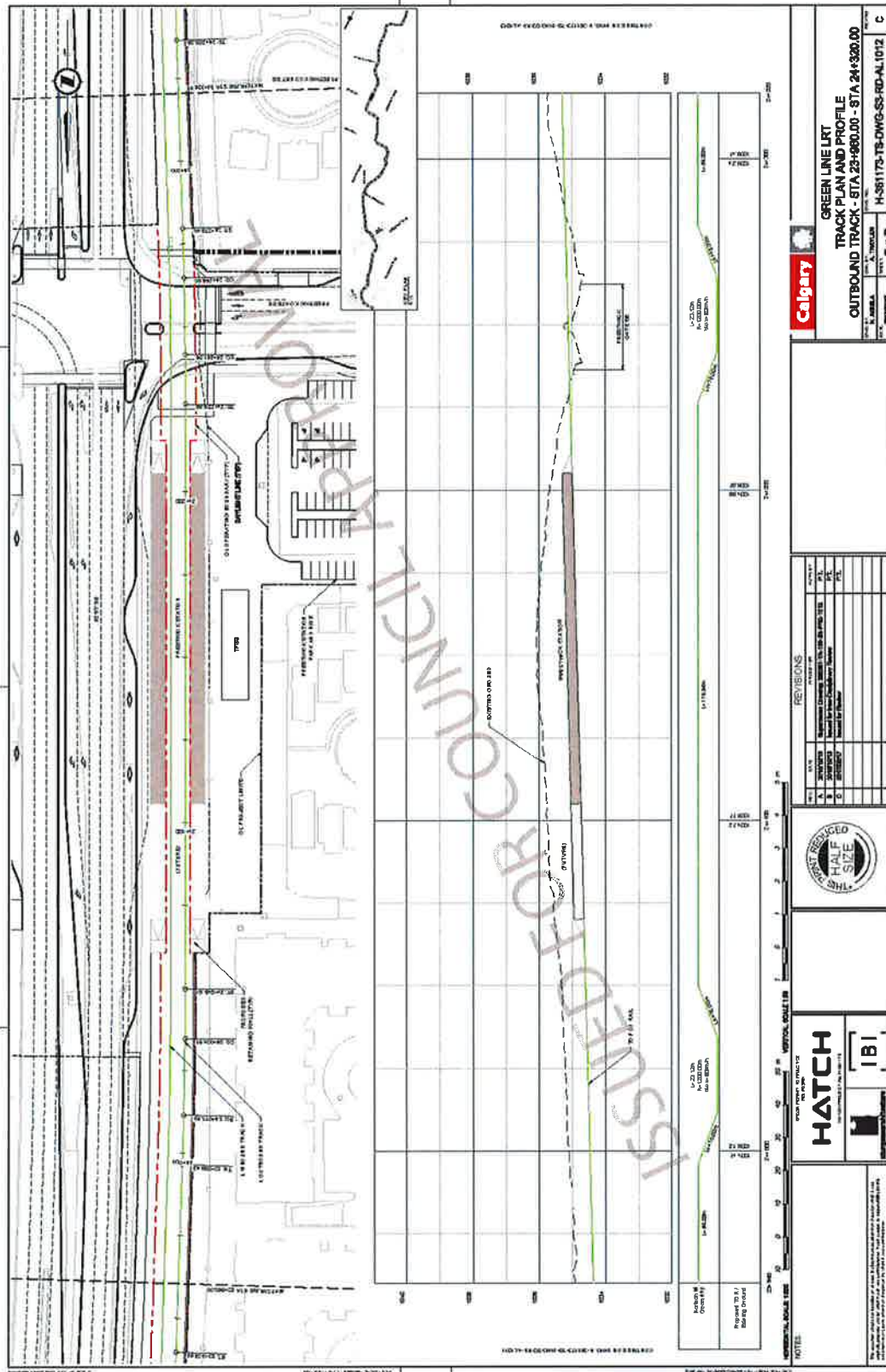


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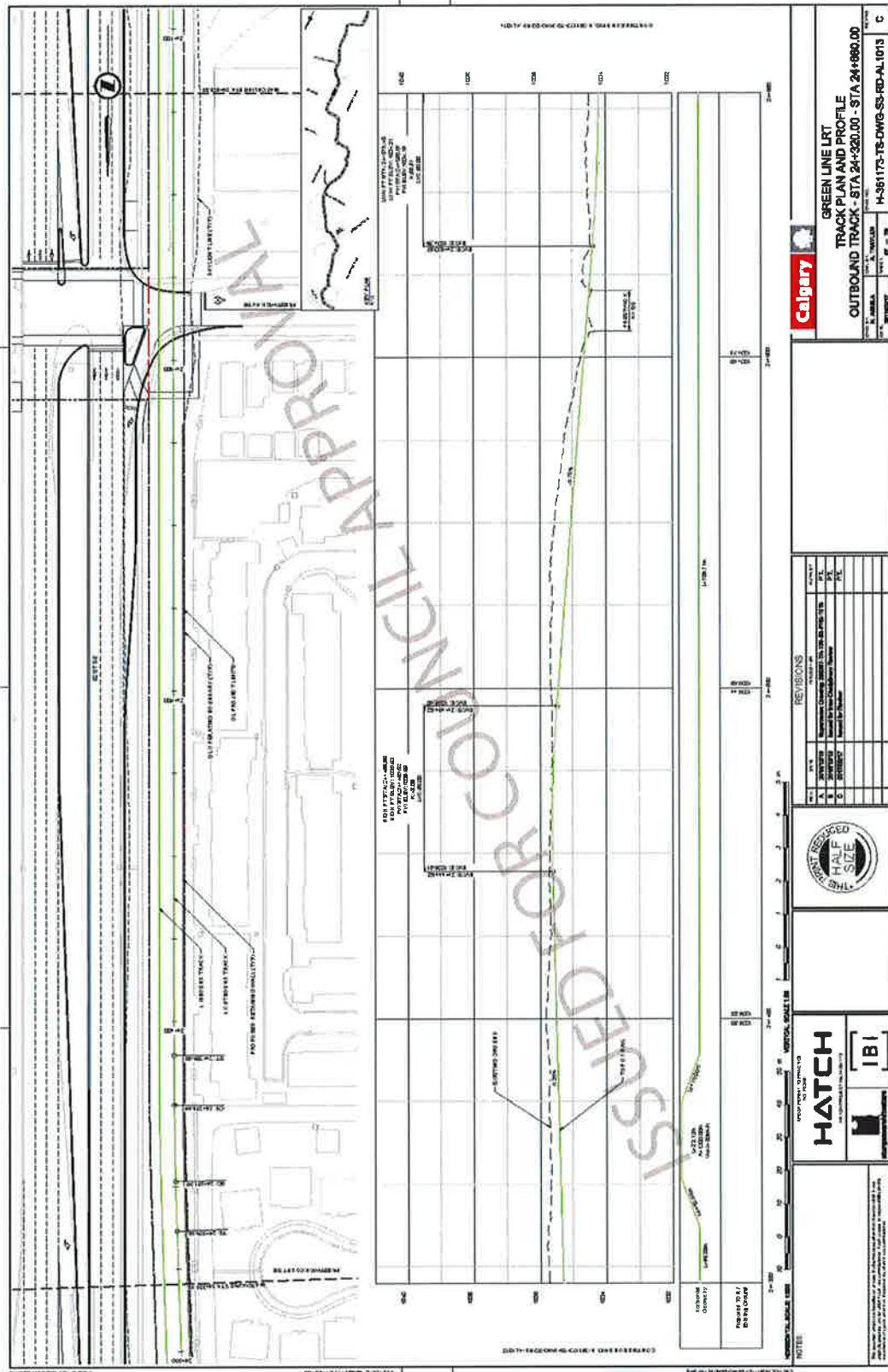




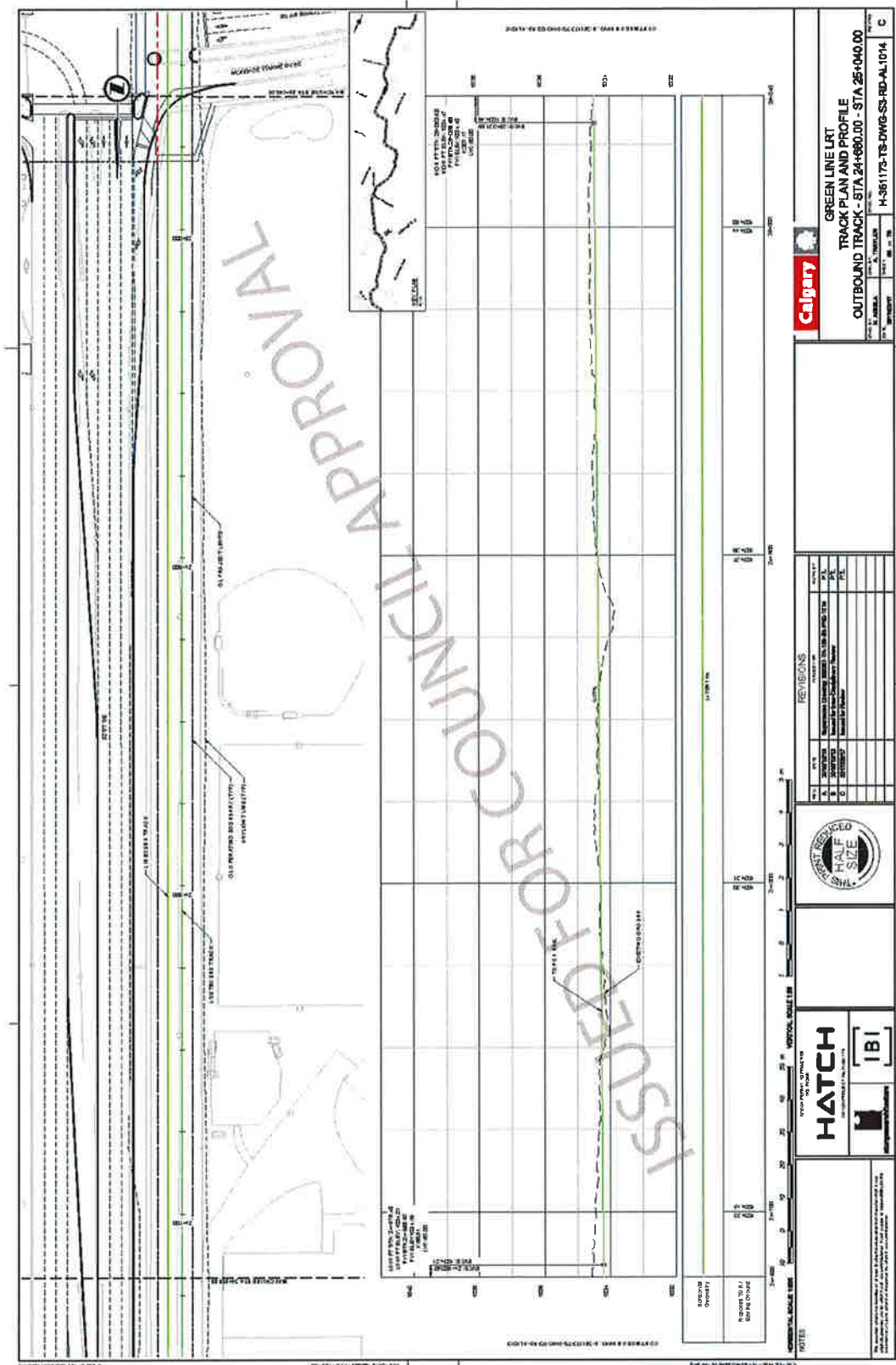
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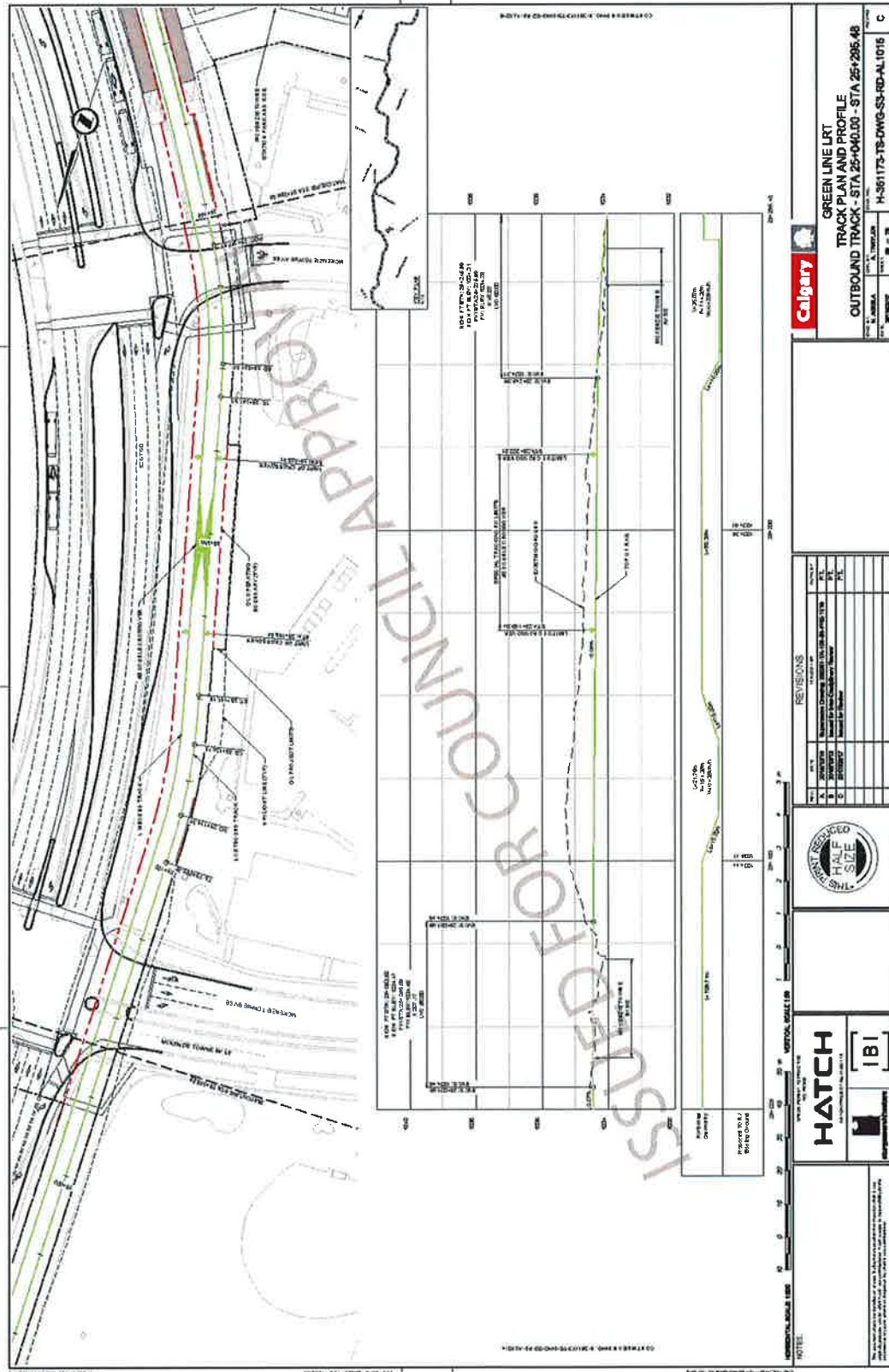


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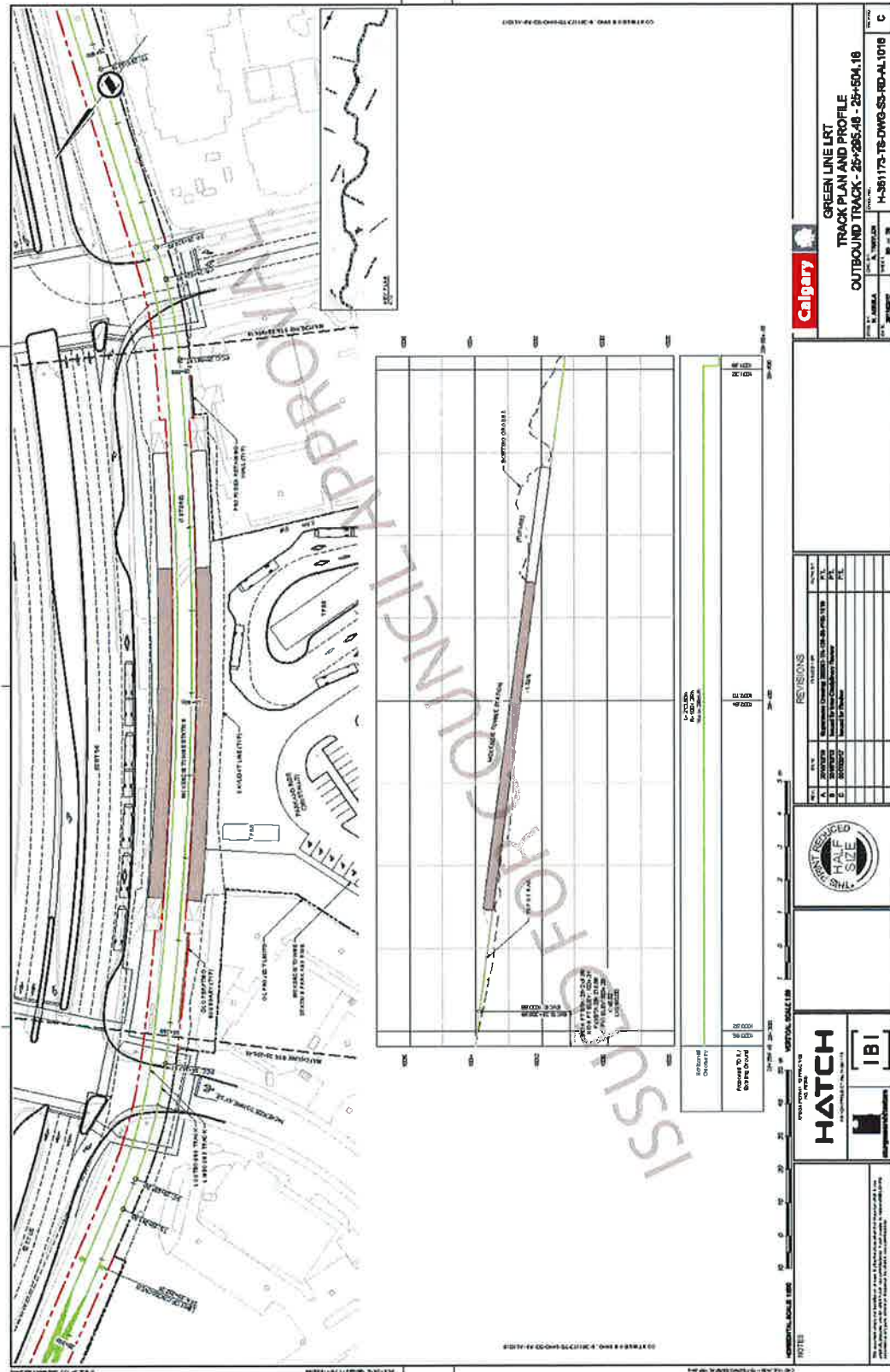




# Green Line LRT Alignment: 160 Avenue N to Seton



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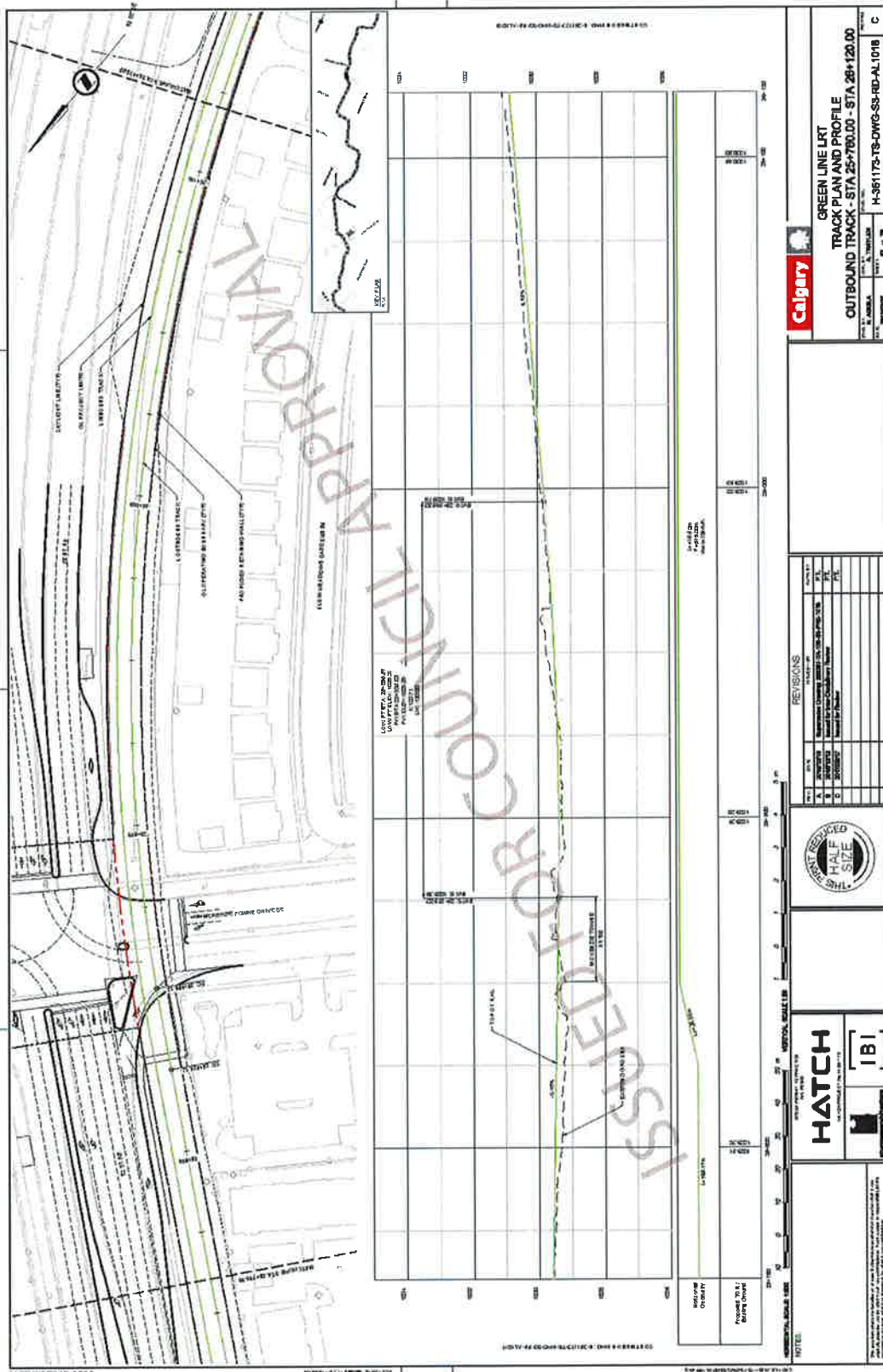
**GREEN LINE LRT**  
**TRACK PLAN AND PROFILE**  
**OUTBOUND TRACK - STA 25+504.18 - STA 25+780.00**

**Scale:** 1" = 100' (PLAN), 1" = 10' (PROFILE)

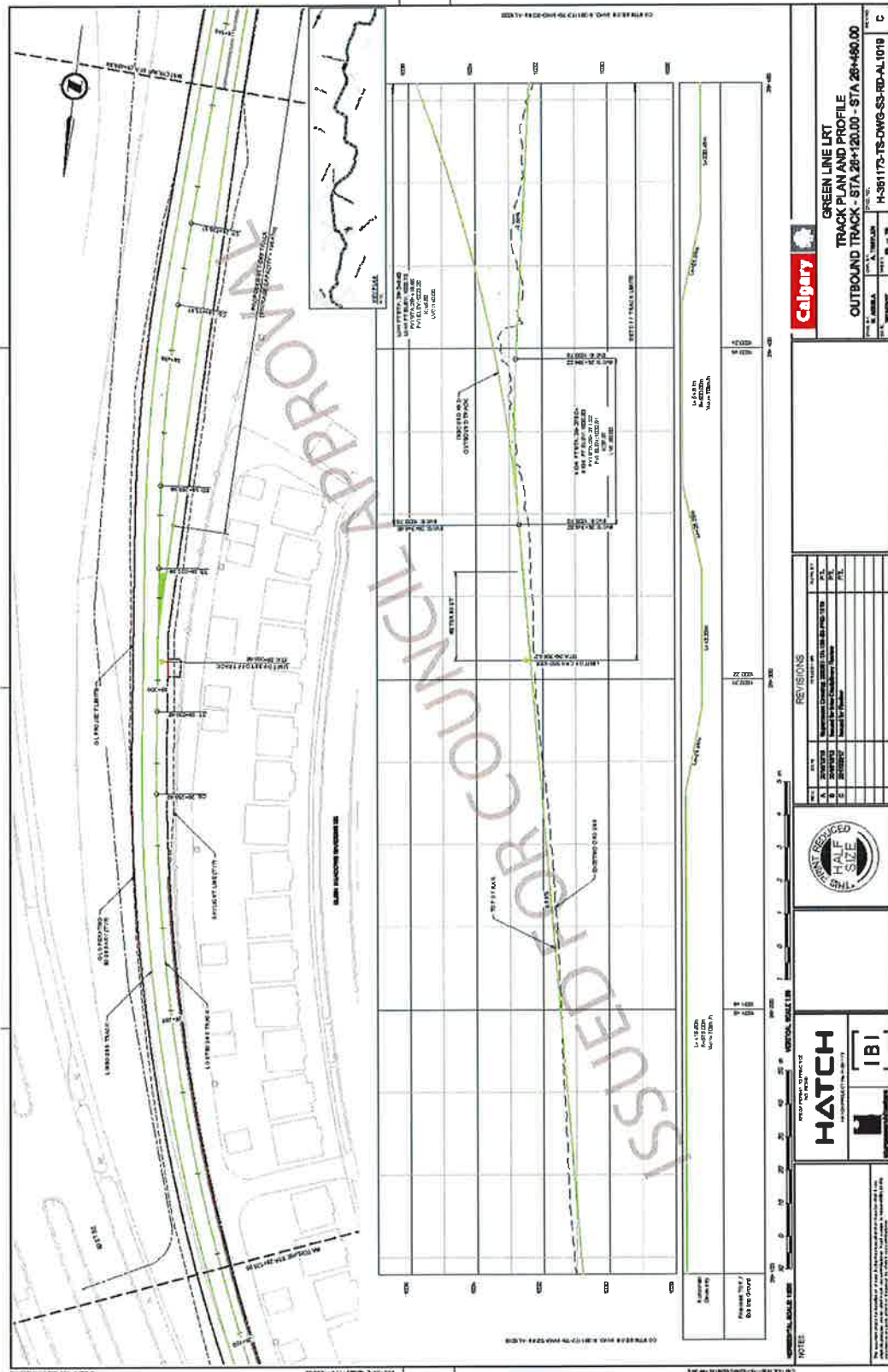
STATION	TRACK TYPE	LENGTH (FEET)
25+504.18 - 25+510.00	GRASS	588.82
25+510.00 - 25+520.00	GRASS	989.80
25+520.00 - 25+530.00	GRASS	989.80
25+530.00 - 25+540.00	GRASS	989.80
25+540.00 - 25+550.00	GRASS	989.80
25+550.00 - 25+560.00	GRASS	989.80
25+560.00 - 25+570.00	GRASS	989.80
25+570.00 - 25+580.00	GRASS	989.80
25+580.00 - 25+590.00	GRASS	989.80
25+590.00 - 25+600.00	GRASS	989.80
25+600.00 - 25+610.00	GRASS	989.80
25+610.00 - 25+620.00	GRASS	989.80
25+620.00 - 25+630.00	GRASS	989.80
25+630.00 - 25+640.00	GRASS	989.80
25+640.00 - 25+650.00	GRASS	989.80
25+650.00 - 25+660.00	GRASS	989.80
25+660.00 - 25+670.00	GRASS	989.80
25+670.00 - 25+680.00	GRASS	989.80
25+680.00 - 25+690.00	GRASS	989.80
25+690.00 - 25+700.00	GRASS	989.80
25+700.00 - 25+710.00	GRASS	989.80
25+710.00 - 25+720.00	GRASS	989.80
25+720.00 - 25+730.00	GRASS	989.80
25+730.00 - 25+740.00	GRASS	989.80
25+740.00 - 25+750.00	GRASS	989.80
25+750.00 - 25+760.00	GRASS	989.80
25+760.00 - 25+770.00	GRASS	989.80
25+770.00 - 25+780.00	GRASS	989.80



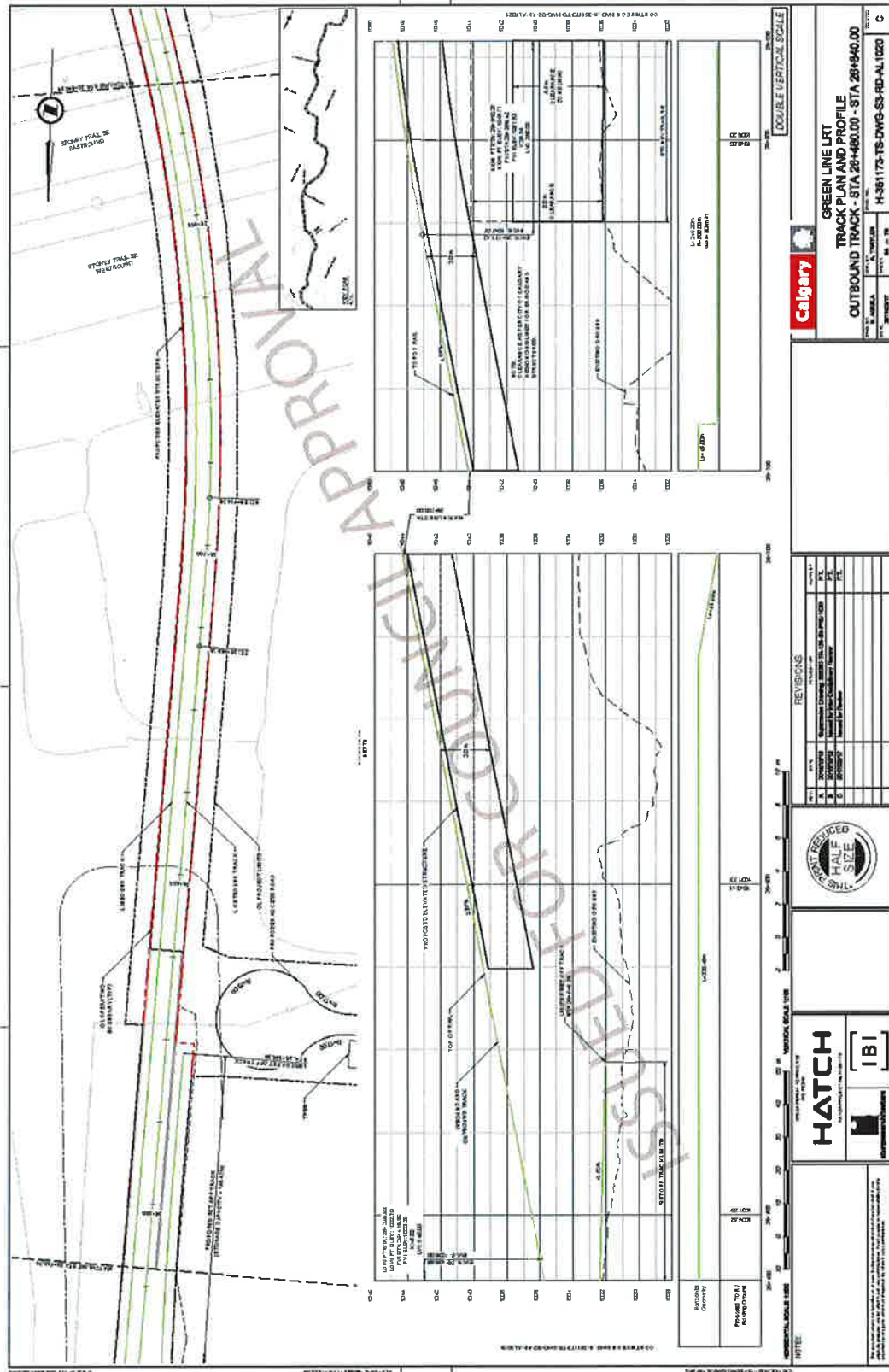
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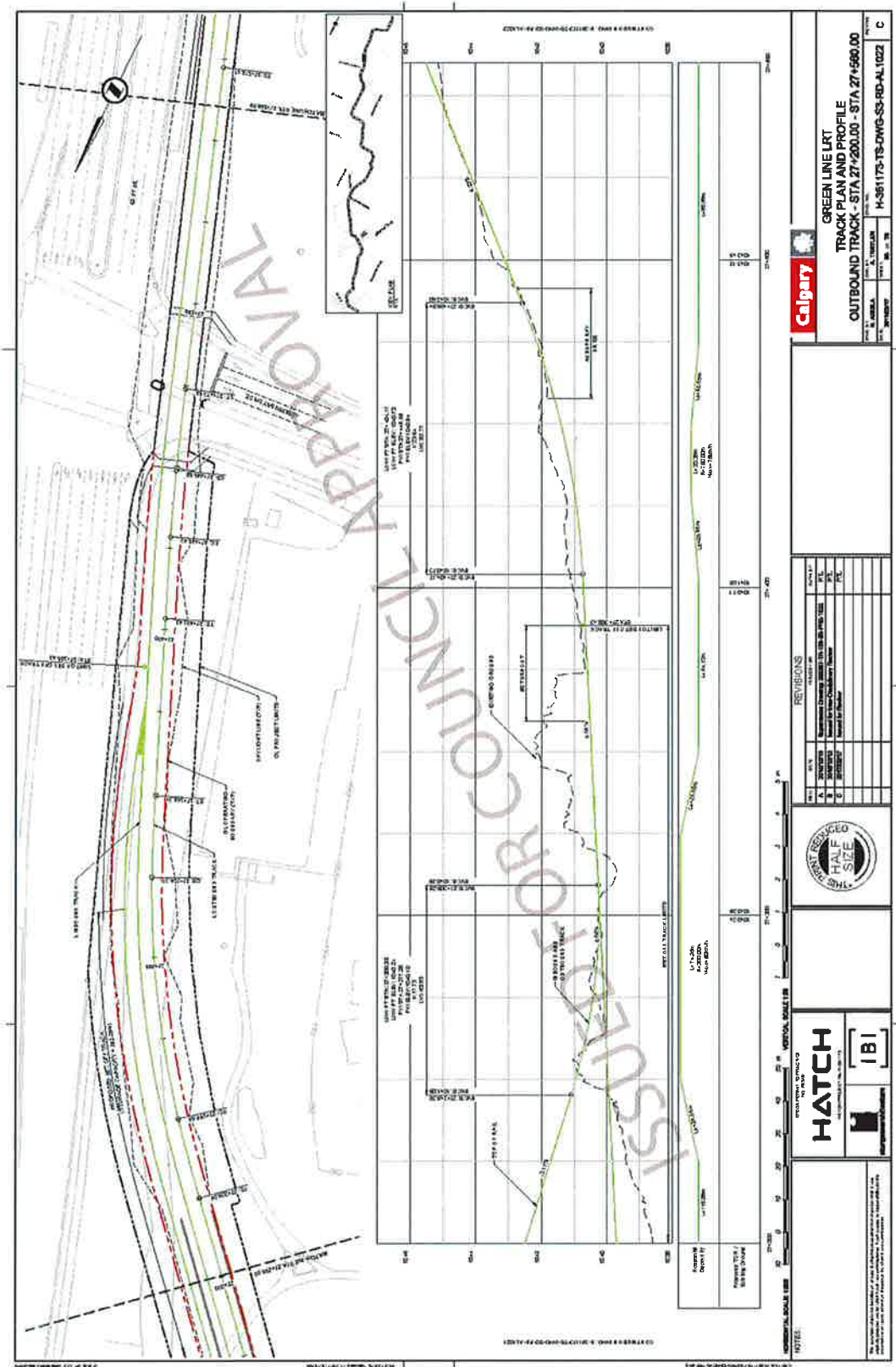
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**GREEN LINE LRT  
TRACK PLAN AND PROFILE  
OUTBOUND TRACK - STA 27+820.00 - STA 28+290.00**

**Calgary**

**HATCH** **IBI**

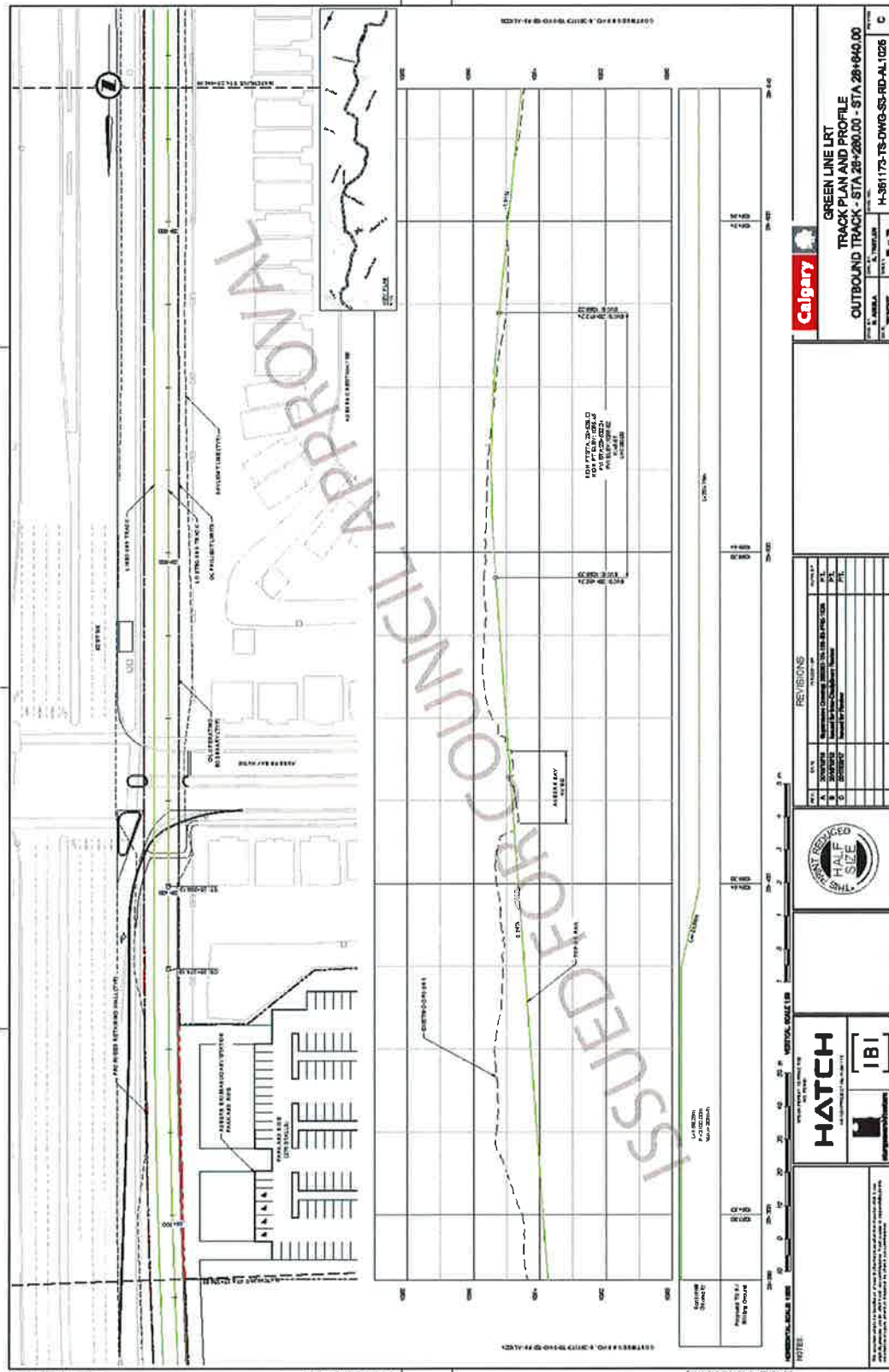
**REVISIONS**

NO.	DATE	REVISION	BY	CHKD
1	2010-01-15	ISSUED FOR COUNCIL APPROVAL	W. J. [Signature]	[Signature]

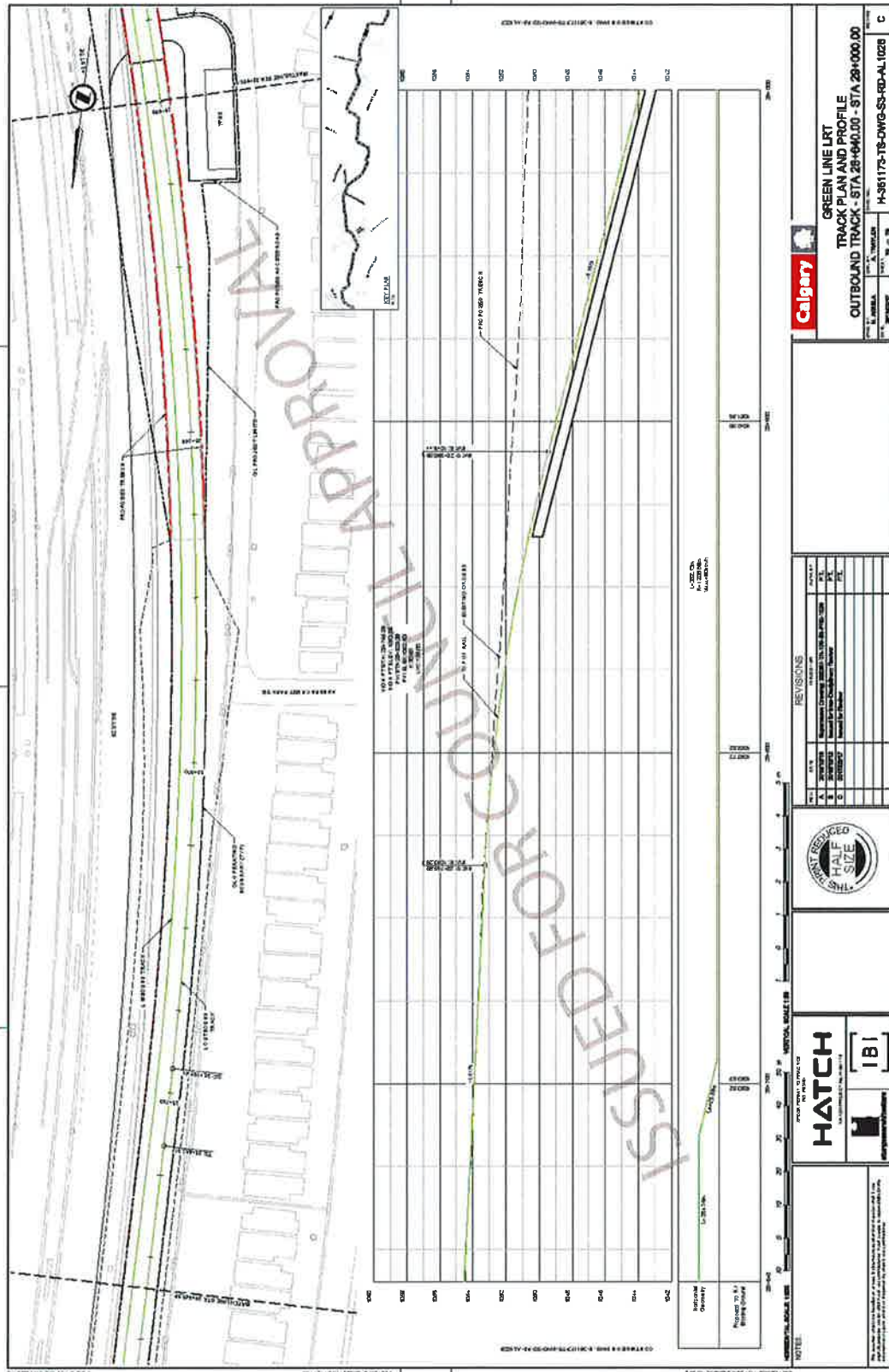
**NOTES**

1. The track plan and profile are for the Green Line LRT Outbound Track, STA 27+820.00 to STA 28+290.00.
2. The track plan and profile are for the Green Line LRT Outbound Track, STA 27+820.00 to STA 28+290.00.
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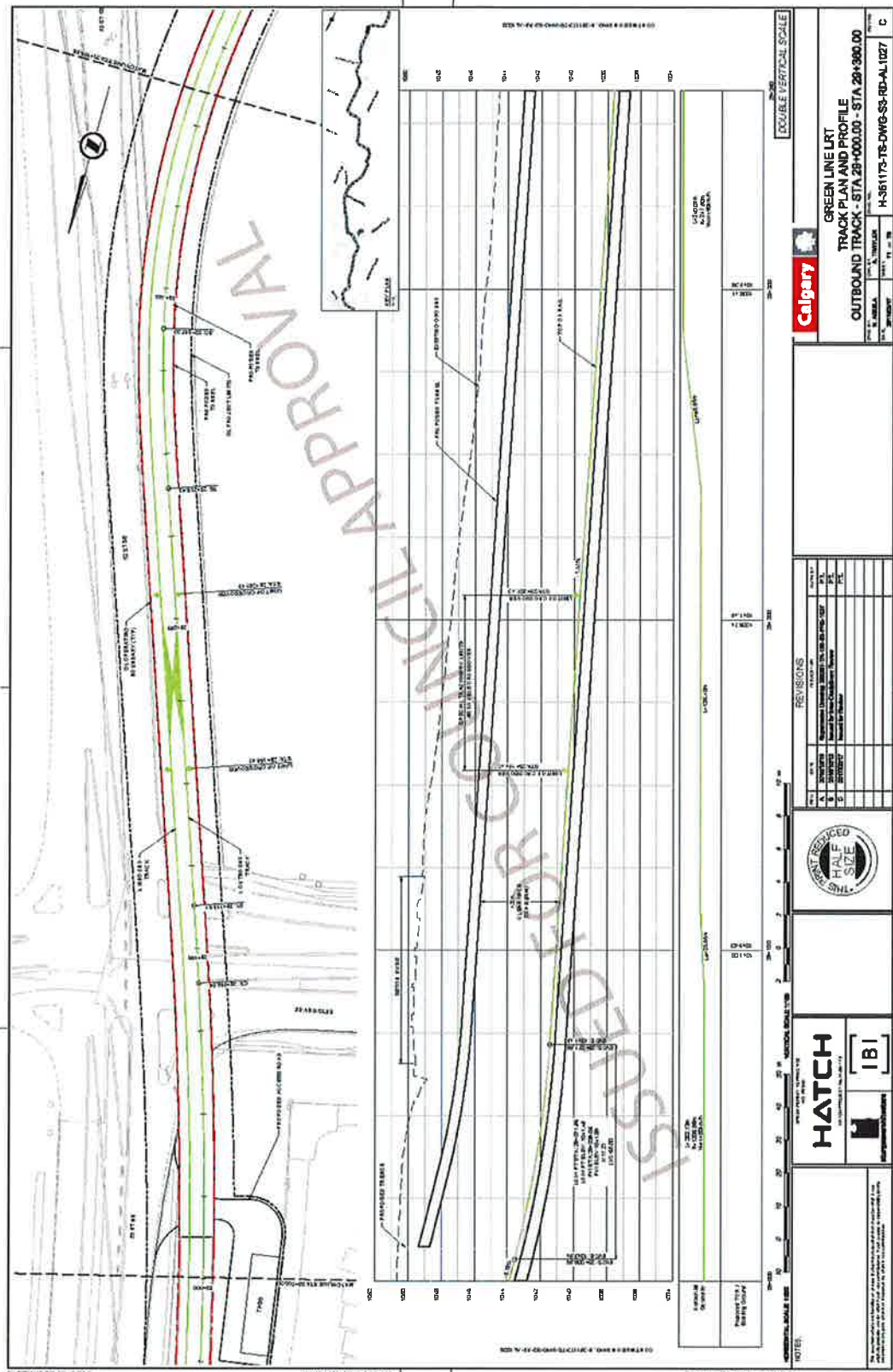


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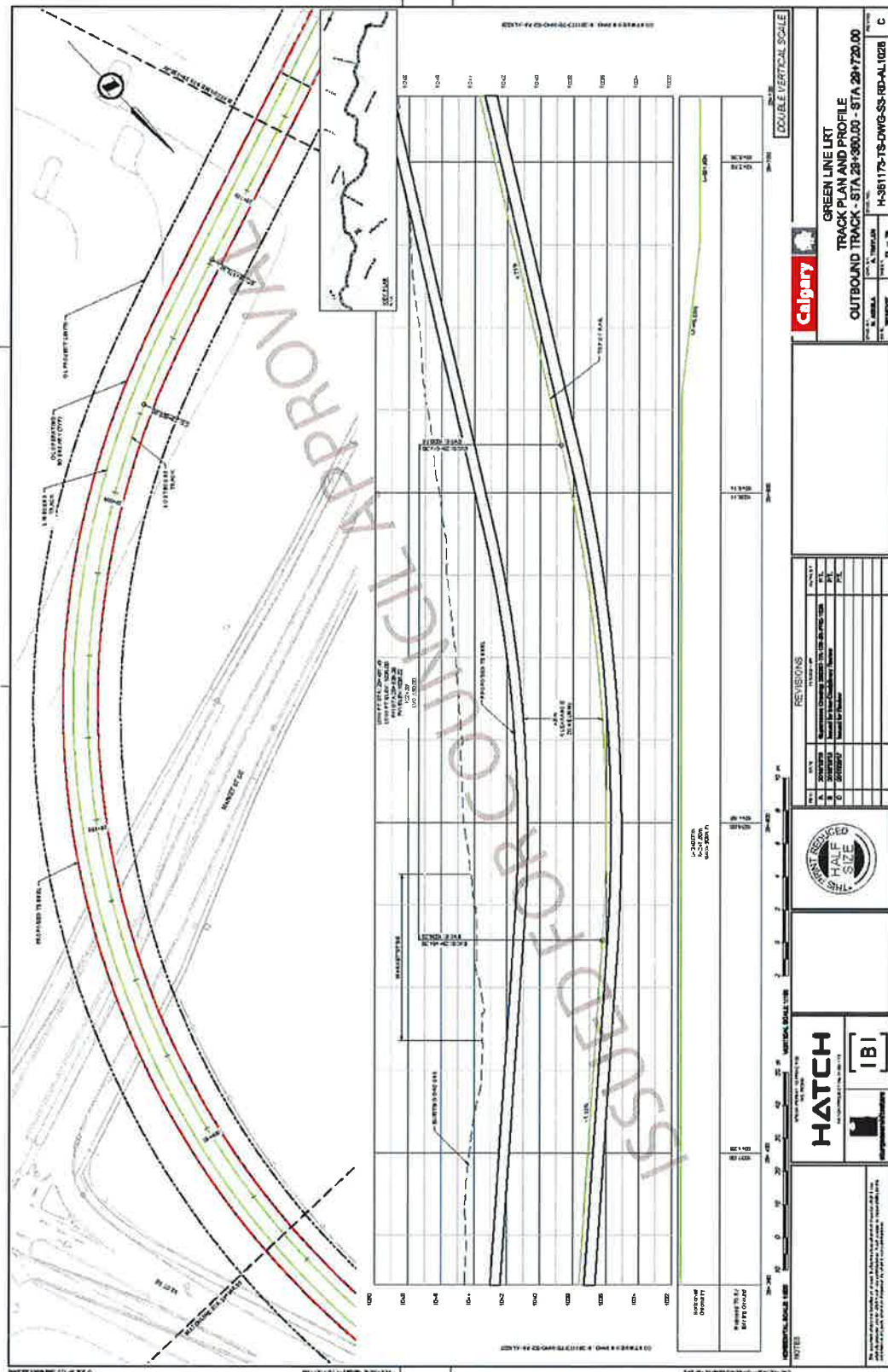




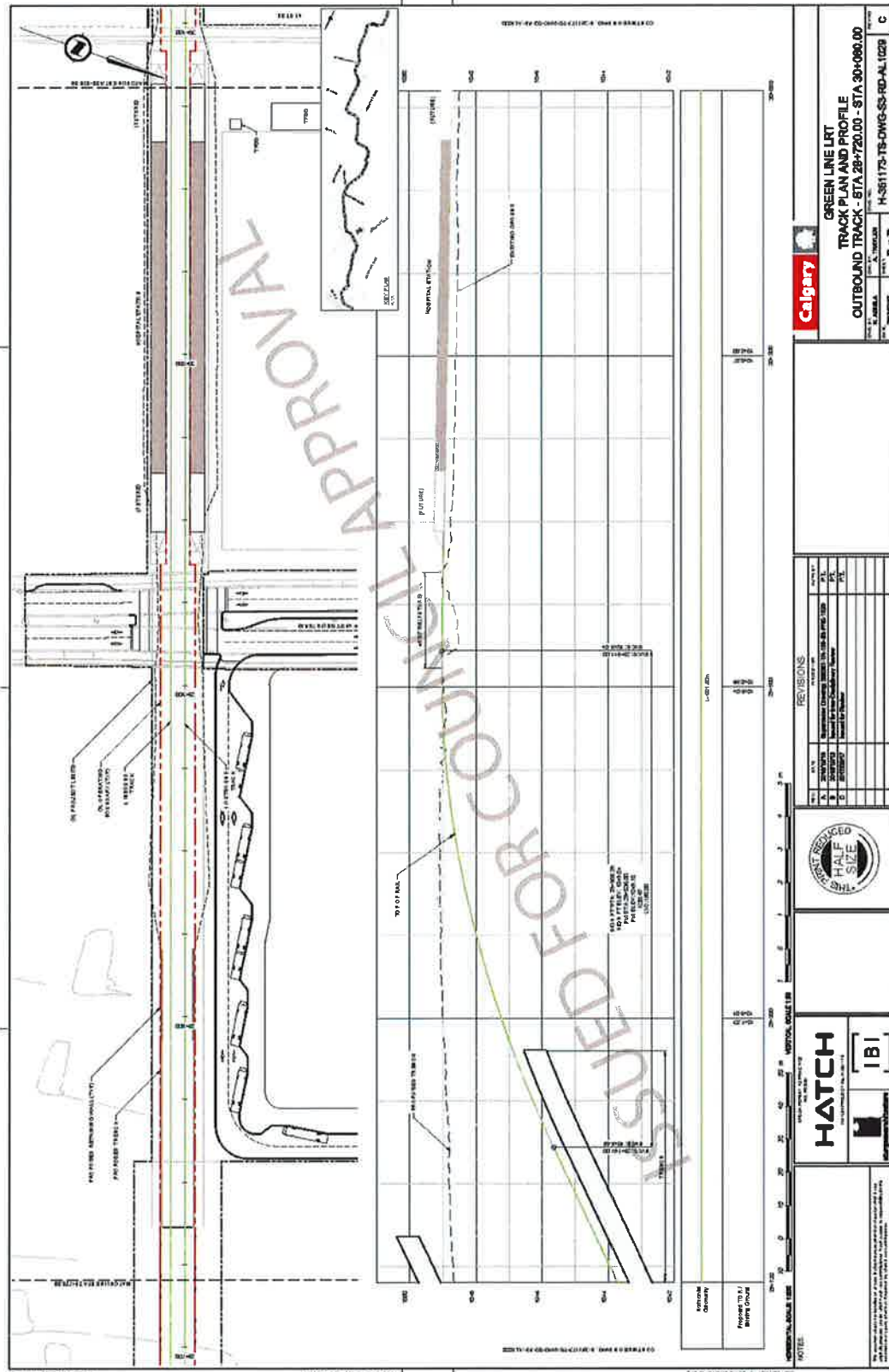
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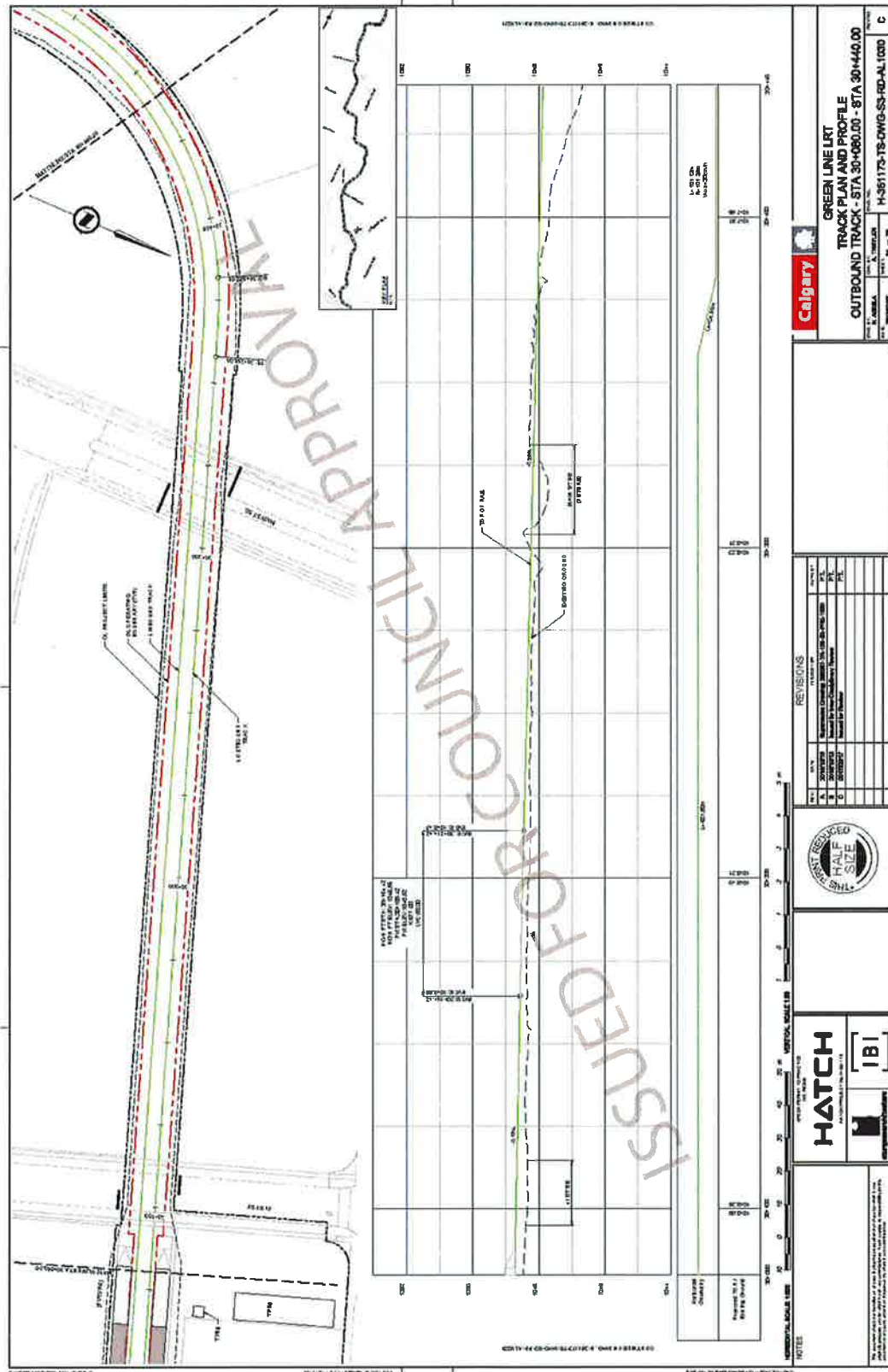


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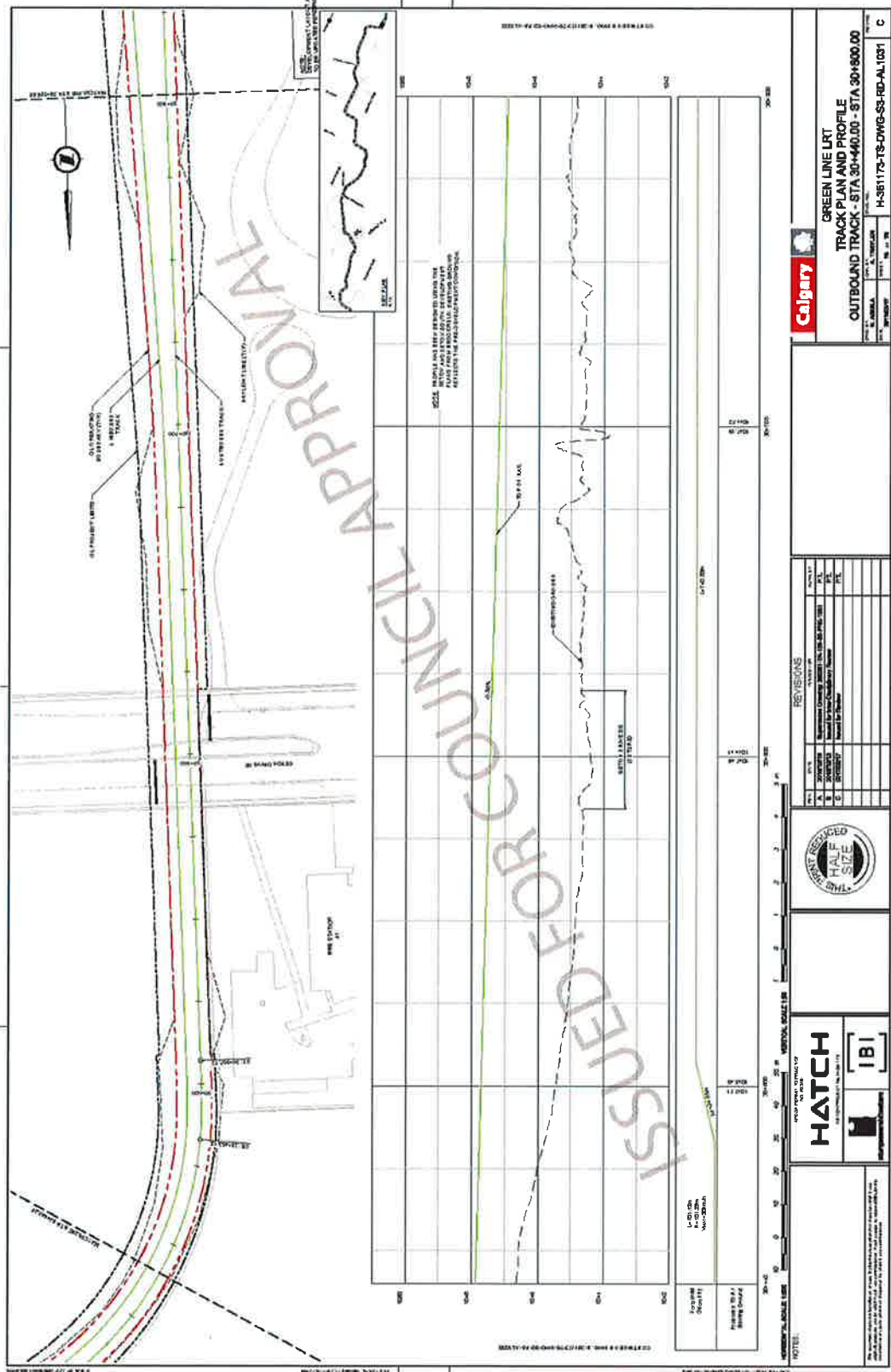




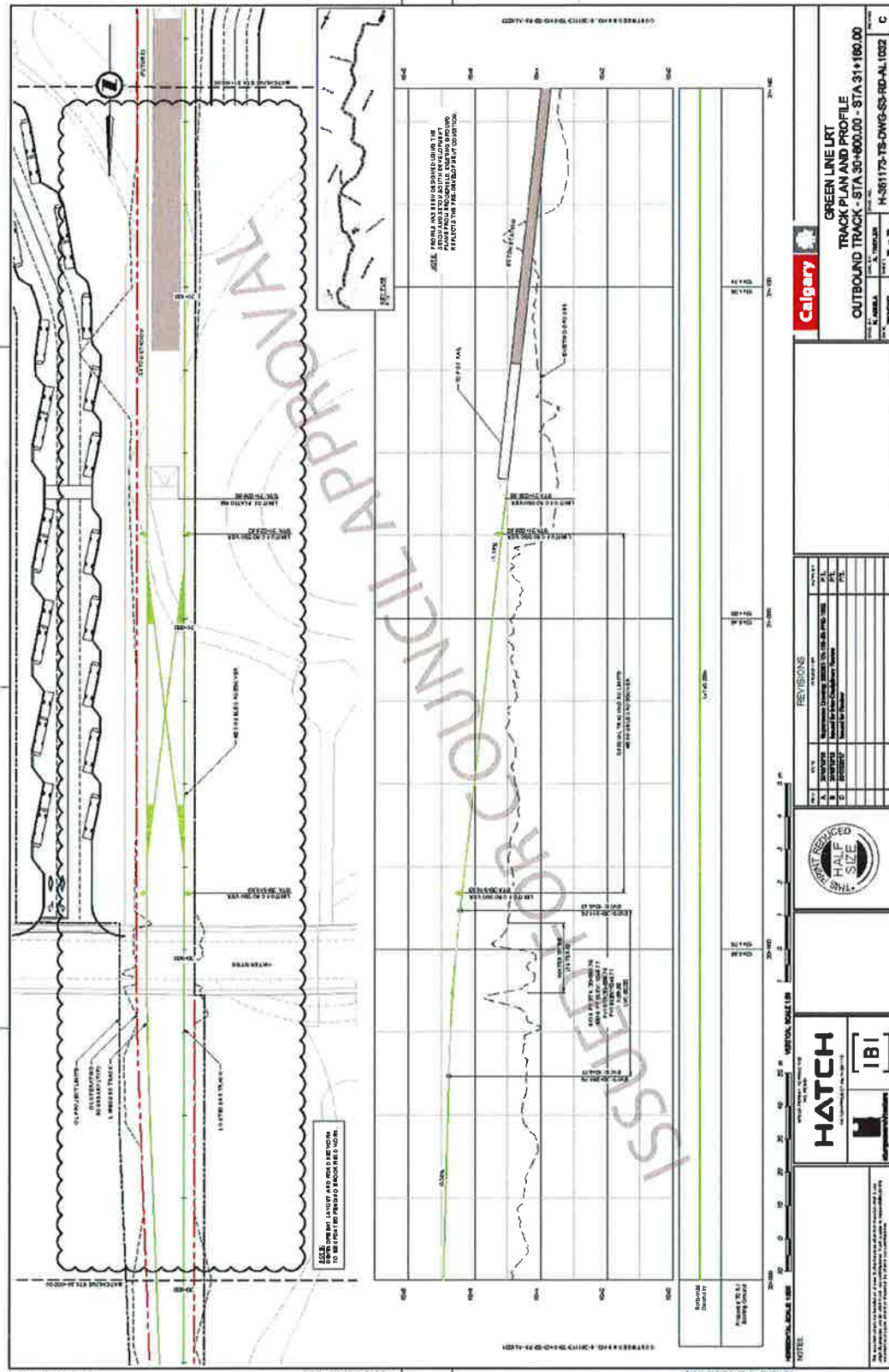
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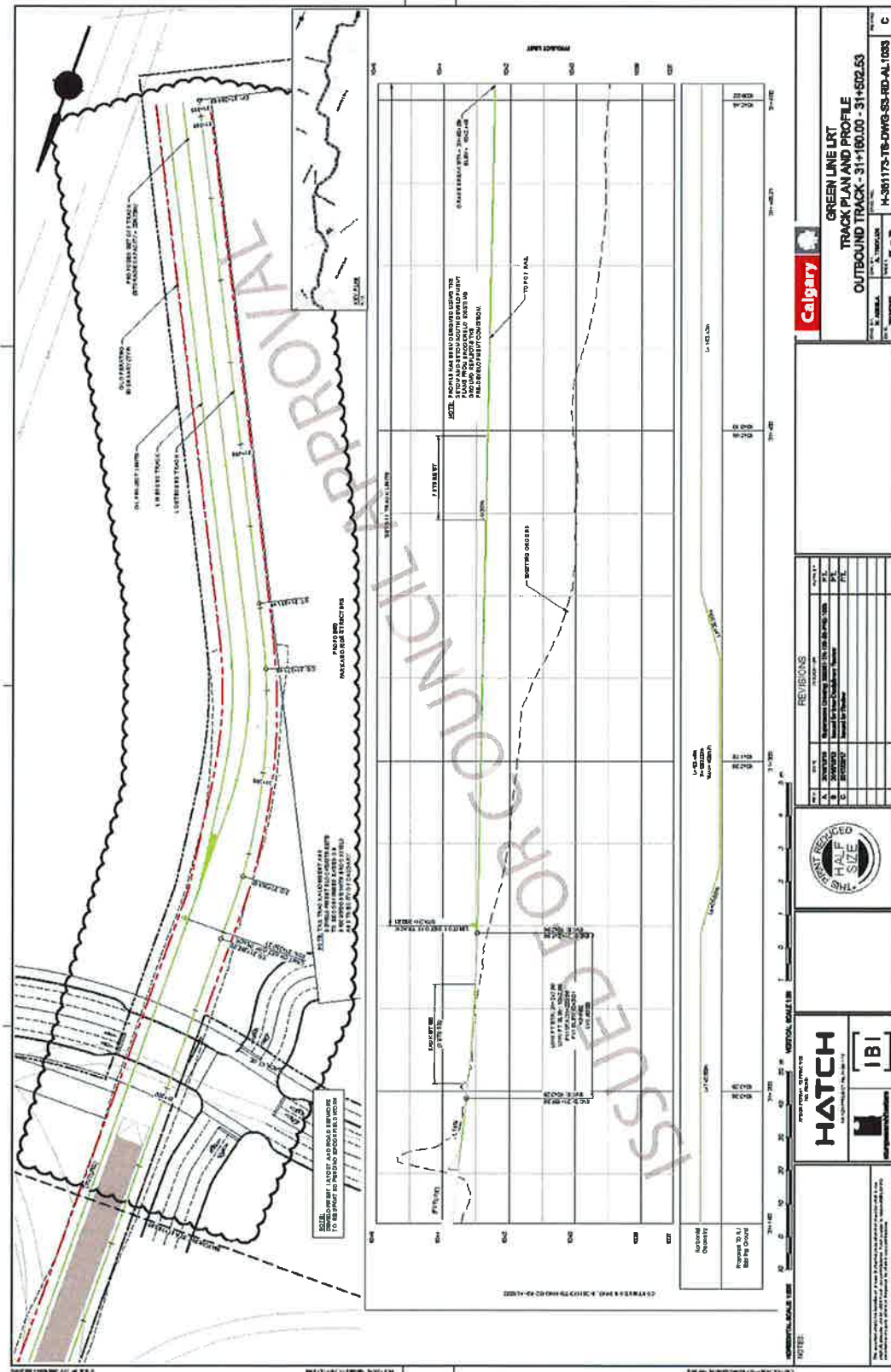


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