

Calgary

ONWARD

Green Line LRT

Plans and profile drawings

JUNE 2017

AMS Map Packages cover.indd 1 6/29/2017 1:56:18 PM







GREEN LINE LRT

ALIGNMENT - 160 AVENUE N TO SETON

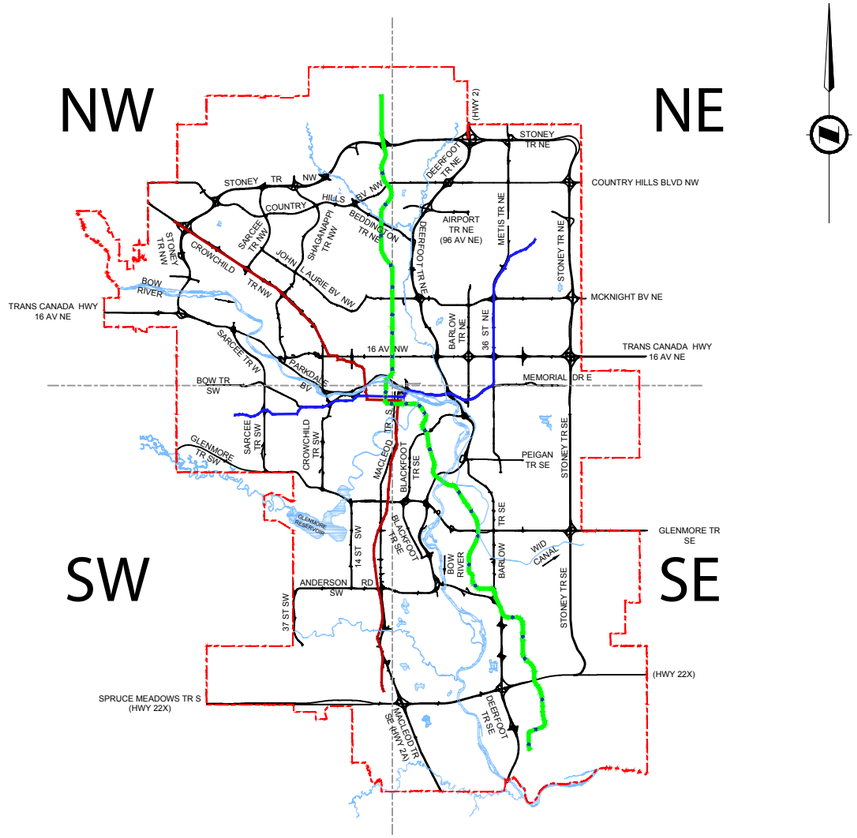
JUNE 2017

LEGEND:

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



KEY PLAN

N.T.S.

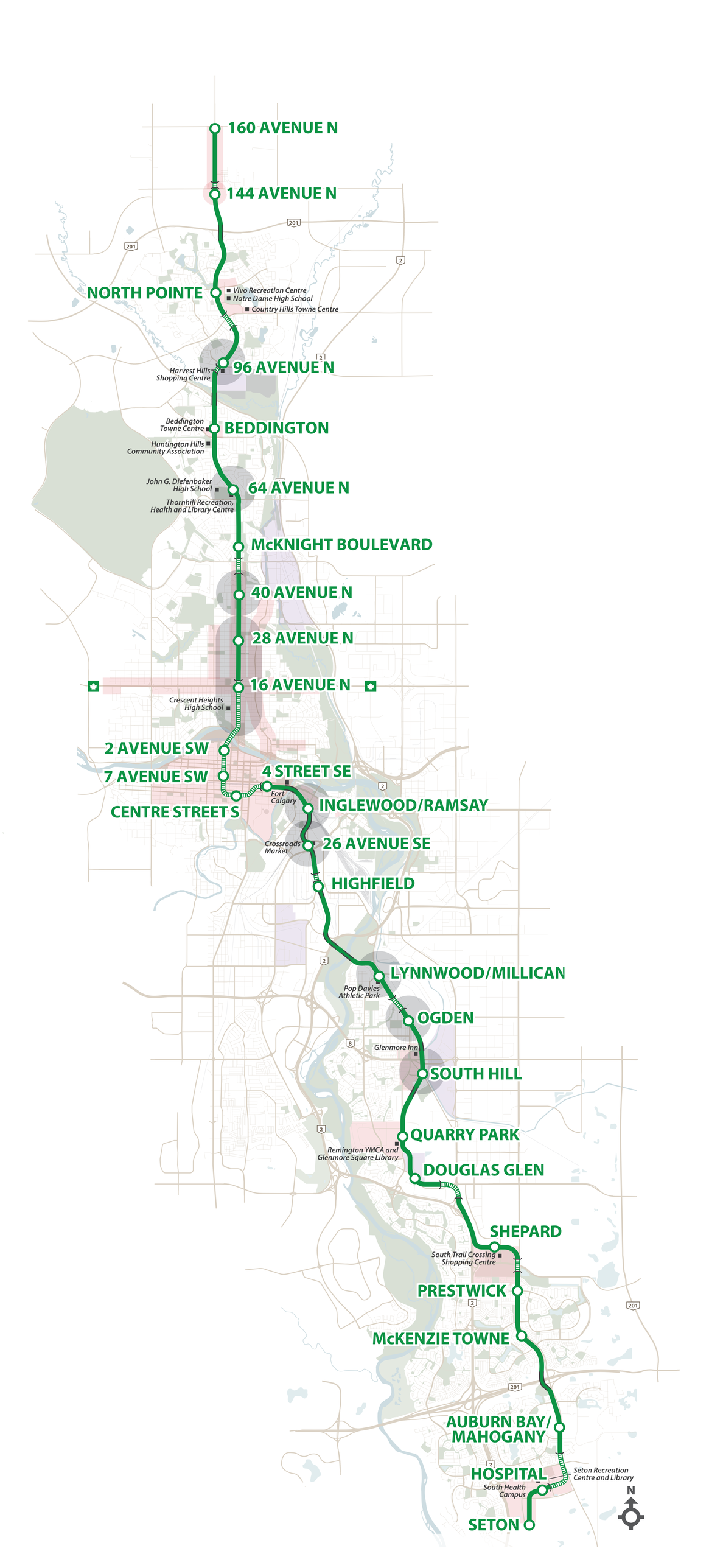






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1. Alignment Overview
2. Aerial Overlay Maps
3. Plan/Profiles for North Segment Functional Design
4. Plan/Profiles for Southeast Segment Preliminary Design


160 AVENUE N
144 AVENUE N
201
201
2
NORTH POINTE
Vivo Recreation Centre
Notre Dame High School
Country Hills Towne Centre
2
Harvest Hills Shopping Centre
96 AVENUE N
Beddington Towne Centre
BEDDINGTON
Huntington Hills Community Association
John G. Diefenbaker High School
64 AVENUE N
Thornhill Recreation, Health and Library Centre
McKNIGHT BOULEVARD
40 AVENUE N
28 AVENUE N
16 AVENUE N
Crescent Heights High School
2 AVENUE SW
7 AVENUE SW
4 STREET SE
Fort Calgary
2
CENTRE STREET S
INGLEWOOD/RAMSAY
Crossroads Market
26 AVENUE SE
HIGHFIELD
2
LYNNWOOD/MILLICAN
Pop Davies Athletic Park
OGDEN
8
Glenmore Inn
SOUTH HILL
2
QUARRY PARK
Remington YMCA and Glenmore Square Library
DOUGLAS GLEN
SHEPARD
South Trail Crossing Shopping Centre
PRESTWICK
2
201
McKENZIE TOWNE
201
AUBURN BAY/ MAHOGANY
2
HOSPITAL
South Health Campus
Seton Recreation Centre and Library
SETON
N

11" x 17" (279.4 mm x 431.8 mm)

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160 AVENUE N

160 AVE N

CENTRE ST N

144 AVE N

144 AVENUE N

STONEY TR

STONEY TR

COVENTRY HILLS

PANORAMA HILLS

NORTH POINTE

COUNTRY HILLS VILLAGE

COUNTRY HILLS BV NE

GREEN LINE LRT

SH 1 OF 8

JUNE 2017

250 0 250 500 m

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CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

11" x 17" (279.4 mm x 431.8 mm)

Calgary

NORTH POINTE

COUNTRY HILLS VILLAGE

COUNTRY HILLS BV NE

BV

HILLS

HARVEST

HILLS

BV N

COUNTRY

COUNTRY HILLS

HARVEST HILLS

96 AVENUE N

96 AVE NE

AURORA MAINTENANCE FACILITY

BEDDINGTON TR NW

CENTRE ST N

BEDDINGTON TR NE

BEDDINGTON HEIGHTS

BEDDINGTON BOULEVARD

BEDDINGTON BV NE

HUNTINGTON HILLS

GREEN LINE LRT

SH 2 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-P11002.dwg

11" x 17" (279.4 mm x 431.8 mm)

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HUNTINGTON HILLS

64 AVENUE N

64 AVE NE

4 ST NW

4 ST NE

CENTRE ST N

NORTHMOUNT DR NW

McKNIGHT BOULEVARD

56 AVE NE

NORTH HAVEN

THORNCLIFFE

GREENVIEW

McKNIGHT BV NE

HIGHWOOD

HIGHLAND PARK

40 AVENUE N

QUEENS PARK VILLAGE

GREENVIEW INDUSTRIAL PARK

32 AVE NW

32 AVE NE

28 AVENUE N

24 AVE NW

24 AVE NE

MT PLEASANT

TUXEDO PARK

WINSTON HEIGHTS - MOUNTVIEW

GREEN LINE LRT

SH 3 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

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24 AVE NW

MT PLEASANT

TUXEDO PARK

24 AVE NE

WINSTON HEIGHTS - MOUNTVIEW

CENTRE ST N

16 AVE

16 AVENUE N

EDMONTON TR NE

CRESCENT HEIGHTS

RENFREW

SUNNYSIDE

BRIDGELAND

EAU CLAIRE

2 AVENUE SW

DOWNTOWN

CHINATOWN

MEMORIAL DR

BOW RIVER

7 AVENUE SW

EAST VILLAGE

10 AVE SE

4 STREET SE

INGLEWOOD

BELTLINE

CENTRE STREET S

RAMSAY

INGLEWOOD/ RAMSAY

26 AV SE

26 AVENUE SE

GREEN LINE LRT

SH 4 OF 8

JUNE 2017

250 0 250 500 m

1:12500

11" x 17" (279.4 mm x 431.8 mm)

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

11" x 17" (279.4 mm x 431.8 mm)

Calgary

26 AVENUE SE

26 AV SE

BLACKFOOT TR SE

BLACKFOOT TR SE

INGLEWOOD

HIGHFIELD

HIGHFIELD

42 AV SE

ALYTH/BONNYBROOK

PEIGAN TR

50 AVE SE

DEERFOOT TRAIL

BARLOW TR SE

LYNNWOOD/
MILLICAN

GREEN LINE LRT

SH 5 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

11" x 17" (279.4 mm x 431.8 mm)

Calgary

OGDEN

OGDEN

OGDEN RD SE

GLENMORE TRAIL

RIVERBEND

27 ST SE

SOUTH HILL

24 ST SE

SHEPARD RD SE

BARLOW TR SE

SHEPARD INDUSTRIAL

QUARRY PARK BV SE

QUARRY PARK

QUARRY PARK

DOUGLAS GLEN

DOUGLAS GLEN

BARLOW TR SE

GREEN LINE LRT

SH 6 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

11" x 17" (279.4 mm x 431.8 mm)

Calgary

DOUGLAS GLEN

BARLOW TR SE

DEERFOOT TRAIL

114 AVE SE

DOUGLASDALE

EAST SHEPARD INDUSTRIAL

52 ST SE

SHEPARD MAINTENANCE FACILITY

SHEPARD

130 AVE SE

DEERFOOT TRAIL

PRESTWICK

McKENZIE TOWNE

McKENZIE TOWNE BV SE

McKENZIE TOWNE

NEW BRIGHTON

GREEN LINE LRT

SH 7 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

11" x 17" (279.4 mm x 431.8 mm)

Calgary

McKENZIE TOWNE

NEW BRIGHTON

McKENZIE TOWNE

McKENZIE TOWNE DR SE

McIVOR BV SE

COPPERFIELD

McKENZIE LAKE

52 STSE

HIGHWAY 22X

AUBURN BAY

MAHOGANY

DEERFOOT TRAIL

AUBURN BAY/ MAHOGANY

AUBURN BAY BAY AV SE

SETON BV SE

CRANSTON AV SE

SETON

HOSPITAL

CRANSTON

SETON

GREEN LINE LRT

SH 8 OF 8

JUNE 2017

250 0 250 500 m

1:12500

CAD FILE: 351173-CE-DWG-00-FP-PI1002.dwg

GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS

ISSUED FOR COUNCIL REPORT

PACKAGE NUMBER: H-351173-TS-DWG-N0-FP-AL9001 VER: D

HATCH

DWG. BY: N. AGUILA	CHK. BY: J. RICHARD	CAD FILE: H-351173-TS-DWG-N0-FP-GE0001
DATE: 2017/05/30	SHEET: 1 of 35	PLOT DATE: May 25, 2017 - 10:59 AM

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 9, 2017 - 11:21 AM

CAD FILE: H-351173-TS-DWG-N0-FP-GE0002.dwg

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H-351173-TS-DWG-N0-FP-GE0001	COVER SHEET	D	1 of 35
H-351173-TS-DWG-N0-FP-GE0002	DRAWING LIST	D	2 of 35
H-351173-TS-DWG-N0-FP-GE0003	LEGEND PAGE AND GENERAL NOTES	C	3 of 35
H-351173-TS-DWG-N1-FP-AL1010	OUTBOUND TRACK - STA 198+576.59 - STA 199+275.00	C	4 of 35
H-351173-TS-DWG-N1-FP-AL1011	OUTBOUND TRACK - STA 199+275.00 - STA 199+975.00	C	5 of 35
H-351173-TS-DWG-N1-FP-AL1012	OUTBOUND TRACK - STA 199+975.00 - STA 200+580.00	C	6 of 35
H-351173-TS-DWG-N1-FP-AL1013	OUTBOUND TRACK - STA 200+580.00 - STA 201+250.00	C	7 of 35
H-351173-TS-DWG-N1-FP-AL1014	OUTBOUND TRACK - STA 201+250.00 - STA 202+000.00	A	8 of 35
H-351173-TS-DWG-N1-FP-AL1015	OUTBOUND TRACK - STA 202+000.00 - STA 202+625.00	A	9 of 35
H-351173-TS-DWG-N1-FP-AL1016	OUTBOUND TRACK - STA 202+625.00 - STA 203+375.00	A	10 of 35
H-351173-TS-DWG-N1-FP-AL1017	OUTBOUND TRACK - STA 203+375.00 - STA 204+125.00	A	11 of 35
H-351173-TS-DWG-N1-FP-AL1018	OUTBOUND TRACK - STA 204+125.00 - STA 204+863.93	A	12 of 35
H-351173-TS-DWG-N2-FP-AL1004	OUTBOUND TRACK - STA 210+000.00 - STA 210+650.00	C	13 of 35
H-351173-TS-DWG-N2-FP-AL1005	OUTBOUND TRACK - STA 210+650.00 - STA 211+325.00	C	14 of 35
H-351173-TS-DWG-N2-FP-AL1006	OUTBOUND TRACK - STA 211+325.00 - STA 212+050.00	C	15 of 35
H-351173-TS-DWG-N2-FP-AL1007	OUTBOUND TRACK - STA 212+050.00 - STA 212+785.00	C	16 of 35
H-351173-TS-DWG-N2-FP-AL1008	OUTBOUND TRACK - STA 212+785.00 - STA 213+450.00	C	17 of 35
H-351173-TS-DWG-N2-FP-AL1009	OUTBOUND TRACK - STA 213+450.00 - STA 214+175.00	C	18 of 35
H-351173-TS-DWG-N2-FP-AL1010	OUTBOUND TRACK - STA 214+175.00 - STA 214+900.00	C	19 of 35
H-351173-TS-DWG-N2-FP-AL1011	OUTBOUND TRACK - STA 214+900.00 - STA 215+625.00	C	20 of 35
H-351173-TS-DWG-N2-FP-AL1012	OUTBOUND TRACK - STA 215+625.00 - STA 216+350.00	C	21 of 35
H-351173-TS-DWG-N2-FP-AL1013	OUTBOUND TRACK - STA 216+350.00 - STA 220+450.00	C	22 of 35
H-351173-TS-DWG-N3-FP-AL1020	OUTBOUND TRACK - STA 220+000.00 - STA 220+600.00	C	23 of 35
H-351173-TS-DWG-N3-FP-AL1021	OUTBOUND TRACK - STA 220+600.00 - STA 221+160.00	C	24 of 35
H-351173-TS-DWG-N3-FP-AL1022	OUTBOUND TRACK - STA 221+160.00 - STA 221+800.00	C	25 of 35
H-351173-TS-DWG-N3-FP-AL1023	OUTBOUND TRACK - STA 221+800.00 - STA 222+400.00	C	26 of 35
H-351173-TS-DWG-N3-FP-AL1024	OUTBOUND TRACK - STA 222+400.00 - STA 223+000.00	C	27 of 35
H-351173-TS-DWG-N3-FP-AL1025	OUTBOUND TRACK - STA 223+000.00 - STA 223+700.00	C	28 of 35
H-351173-TS-DWG-N3-FP-AL1026	OUTBOUND TRACK - STA 223+700.00 - STA 224+300.00	C	29 of 35
H-351173-TS-DWG-N3-FP-AL1027	OUTBOUND TRACK - STA 224+300.00 - STA 224+900.00	C	30 of 35
H-351173-TS-DWG-N3-FP-AL1028	OUTBOUND TRACK - STA 224+900.00 - STA 225+600.00	C	31 of 35
H-351173-TS-DWG-N3-FP-AL1029	OUTBOUND TRACK - STA 225+600.00 - STA 226+300.00	C	32 of 35
H-351173-TS-DWG-N3-FP-AL1030	OUTBOUND TRACK - STA 226+300.00 - STA 227+000.00	C	33 of 35
H-351173-TS-DWG-N3-FP-AL1031	OUTBOUND TRACK - STA 227+000.00 - STA 227+700.00	C	34 of 35
H-351173-TS-DWG-N3-FP-AL1032	OUTBOUND TRACK - STA 227+700.00 - STA 228+100.00	C	35 of 35

NOTES:

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APEGA PERMIT TO PRACTICE
NO. P03481

HATCH

HATCH PROJECT No. H-351173

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REVISIONS

REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N0-FP-GE0002	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

Calgary

GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS
DRAWING LIST

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	A. TRAYLEN	H-351173-TS-DWG-N0-FP-GE0002	D
DATE: 2016/12/15	SHEET: 2 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 29, 2017 - 4:09 PM

LEGEND:

TRANSITWAY

- CENTRE LINE OF PROPOSED LRT TRACK
- PROPOSED SET OFF TRACK
- SHADOW TRACK
- #8 DOUBLE CROSSOVER
- #8 SINGLE CROSSOVER
- LRT CENTRE LOAD STATION
- LRT SIDE LOAD STATION
- POINT OF SWITCH
- BOREHOLE — BH-000
- GEOMETRY DEFLECTION POINTS

STRUCTURAL

- PROPOSED ROADS
- LRT PORTAL TRENCH
- LRT TUNNEL
- CUT AND COVER
- LRT ELEVATED STRUCTURE
- LRT STATION BOX
- POTENTIAL TRACTION POWER SUBSTATION LOCATION - 100 m RADIUS

MISCELLANEOUS EXISTING FEATURES

- CHAIN LINK FENCE
- BARBED WIRE FENCE
- POST AND CABLE FENCE
- FENCE (OTHER)
- RAILWAY TRACK

NOTES:

GENERAL NOTES:

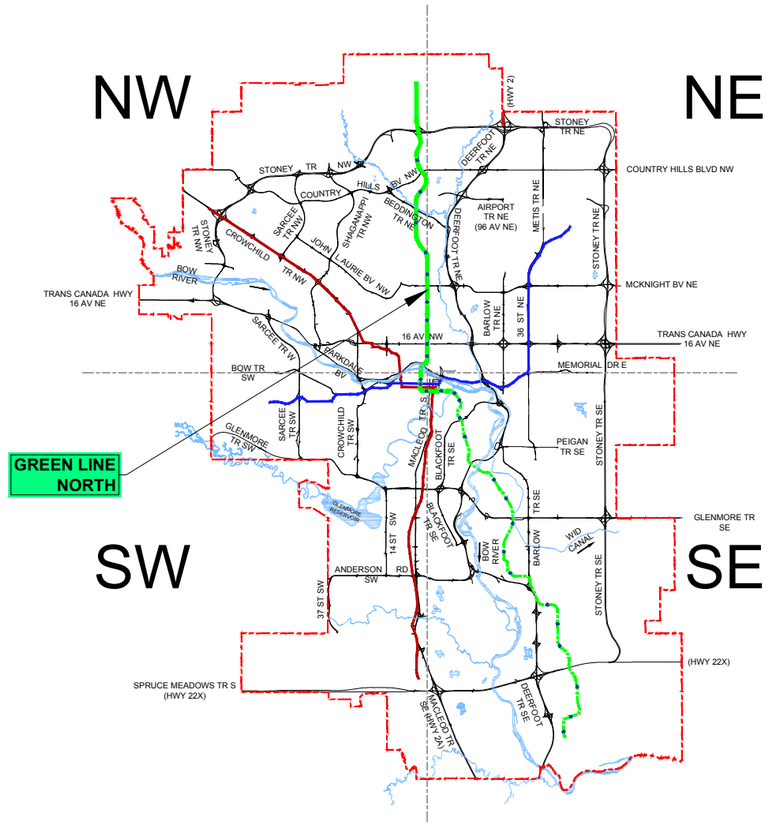
1. PRIMARY OBJECTIVE OF THE FOLLOWING REPORT IS TO ESTABLISH THE ALIGNMENT AND STATION LOCATIONS.
2. THE FUNCTIONAL DESIGN SHOWN WITHIN THIS REPORT IS SUBJECT TO CHANGE DURING FURTHER DESIGN DEVELOPMENT INFORMED BY ADDITIONAL INFORMATION FROM MULTIPLE SOURCES INCLUDING; ADDITIONAL PUBLIC ENGAGEMENT, VALUE ENGINEERING, TECHNICAL REQUIREMENTS AND LAND ACQUISITION.
3. DETAILS OF THE ASSOCIATED SUPPORTING INFRASTRUCTURE TO THE ALIGNMENT AND STATIONS REQUIRE FURTHER DESIGN DEVELOPMENT.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. STRUCTURAL DETAILS ARE ILLUSTRATIVE. EXACT STRUCTURAL DETAILS TO BE CONFIRMED.
6. ALL STATIONING AND DIMENSIONS ARE IN METRIC UNITS.
7. ALL ELEVATIONS ARE IN METRES.
8. ALL ALIGNMENT GRADES ARE IN PERCENT (%).
9. ALL SURVEY NOTATIONS ARE IN AZIMUTH.
10. STRUCTURAL LINES, ROADWAY AND CN/CP RAIL ELEVATIONS SHOWN ARE APPROXIMATE.
11. ALL LEFT TURN BAYS ARE DESIGNED WITH TYPICAL STORAGE LENGTHS OF 80m, FINAL BAY LENGTHS TO BE DETERMINED.
12. SIDEWALK/URBAN REALM WIDTHS SHOWN ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO CONTINUING REFINEMENT.

ABBREVIATIONS - HORIZONTAL GEOMETRY

OB	OUTBOUND
IB	INBOUND
CS	CURVE TO SPIRAL
I	TOTAL CENTRAL ANGLE, OR TOTAL DEFLECTION ANGLE
Δ /Dc	INTERIOR ANGLE OF CIRCULAR PORTION OF CURVE
Ec	EXTERNAL DISTANCE
k	DISTANCE FROM TS OR ST TO THE POINT AT WHICH THE TANGENT OF THE PROJECTION OF THE CIRCULAR CURVE IS PARALLEL TO THE TANGENT AT TS OR ST RESPECTIVELY.
Lc	LENGTH OF CIRCULAR CURVE
Ls	LENGTH OF SPIRAL
Lt.	LONG SPIRAL TANGENT
P	OFFSET CIRCULAR CURVE FROM TANGENT AT DISTANCE K FROM TS OR ST
TC	TANGENT TO CURVE
PI	POINT OF INTERSECTION
CT	CURVE TO TANGENT
R	RADIUS OF CURVE
SC	SPIRAL TO CURVE
ST	SPIRAL TO TANGENT
T	TANGENT LENGTH OF CIRCULAR PORTION OF CURVE
Tc	TANGENT LENGTH FROM TC/CT TO MAIN PI
θs	SPIRAL ANGLE
Ts	TANGENT LENGTH FROM TS TO MAIN PI
TS	TANGENT TO SPIRAL
X, Y	DISTANCE FROM TS TO SC AND FROM ST TO CS WHERE; "X" IS THE DIMENSION MEASURED PARALLEL TO THE TANGENT THROUGH TS OR ST AND "Y" IS THE DIMENSION PERPENDICULAR TO THE TANGENT.

ABBREVIATIONS - VERTICAL GEOMETRY

BVC	BEGINNING OF THE VERTICAL CURVE
PVI	VERTICAL POINT OF INTERSECTION
EVC	END OF THE VERTICAL CURVE
LVC	LENGTH OF THE VERTICAL CURVE



KEY PLAN

N.T.S.

NOTES:

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REVISIONS

REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N0-FP-GE0003	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

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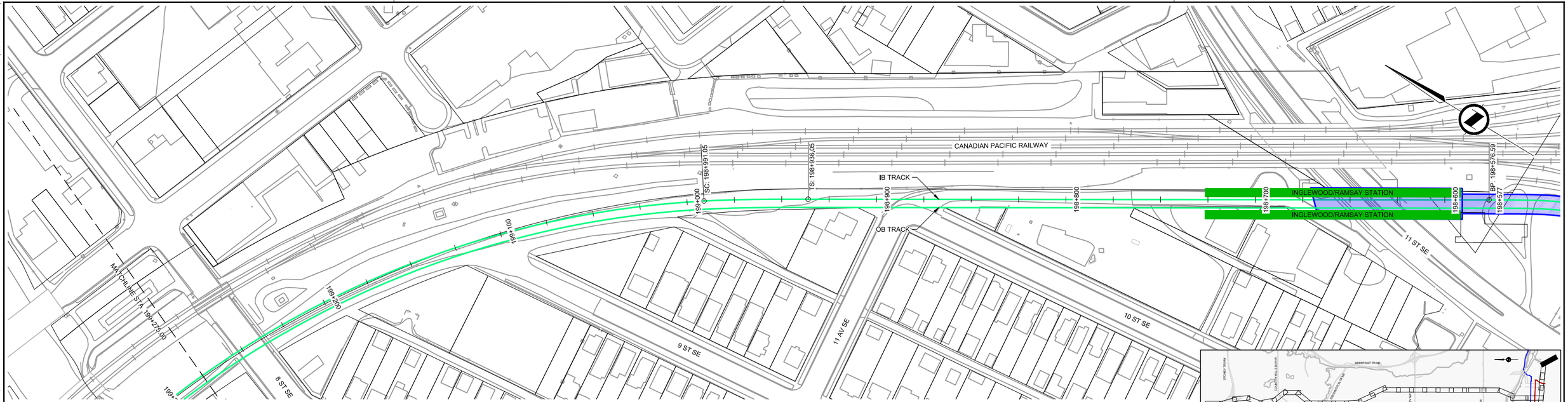
GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS
LEGEND PAGE AND GENERAL NOTES

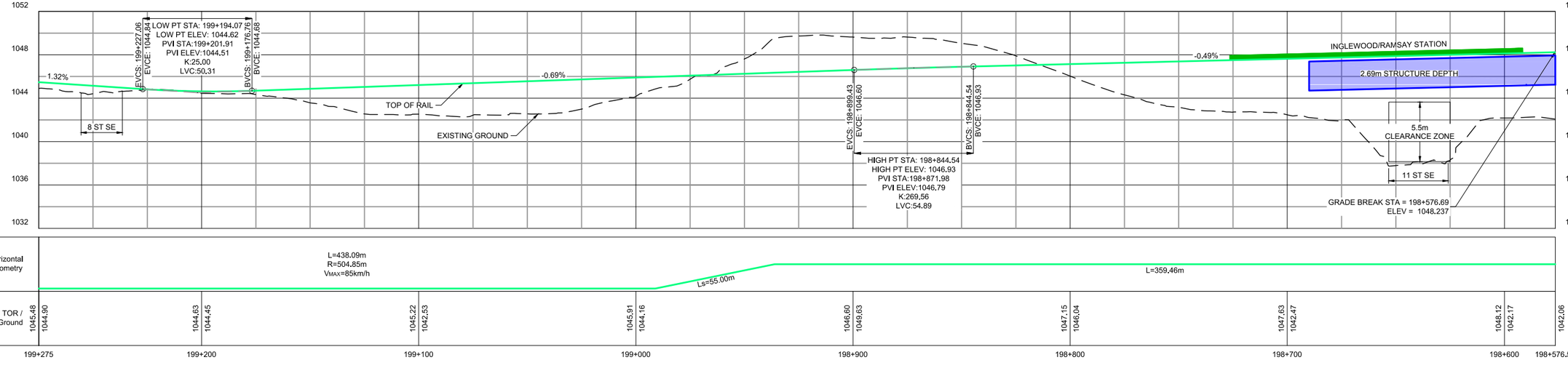
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J. RICHARD	A. TRAYLEN	H-351173-TS-DWG-N0-FP-GE0003	C
DATE: 2016/12/15	SHEET: 3 of 35		

CAD FILE: H-351173-TS-DWG-N0-FP-GE0003.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 9, 2017 - 7:52 AM





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

NOTES:

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REVISIONS

REV.	DATE	ISSUED FOR	AUTH. BY
A	2017/04/17	Issued for Information	C.M.
B	2017/05/25	Issued for Review	C.M.
C	2017/06/06	Issued for Information	C.M.

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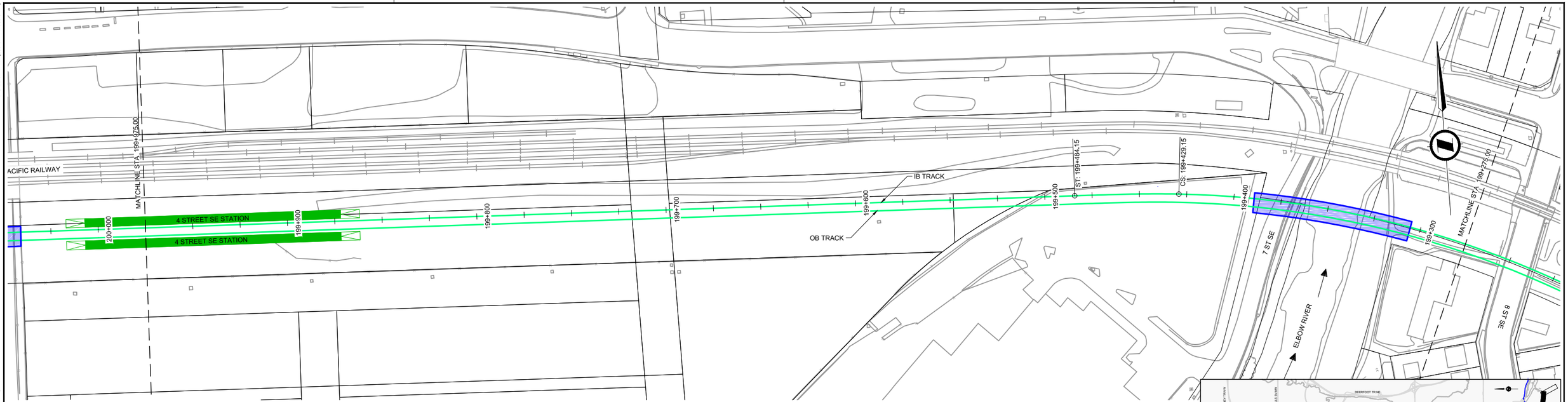
GREEN LINE LRT

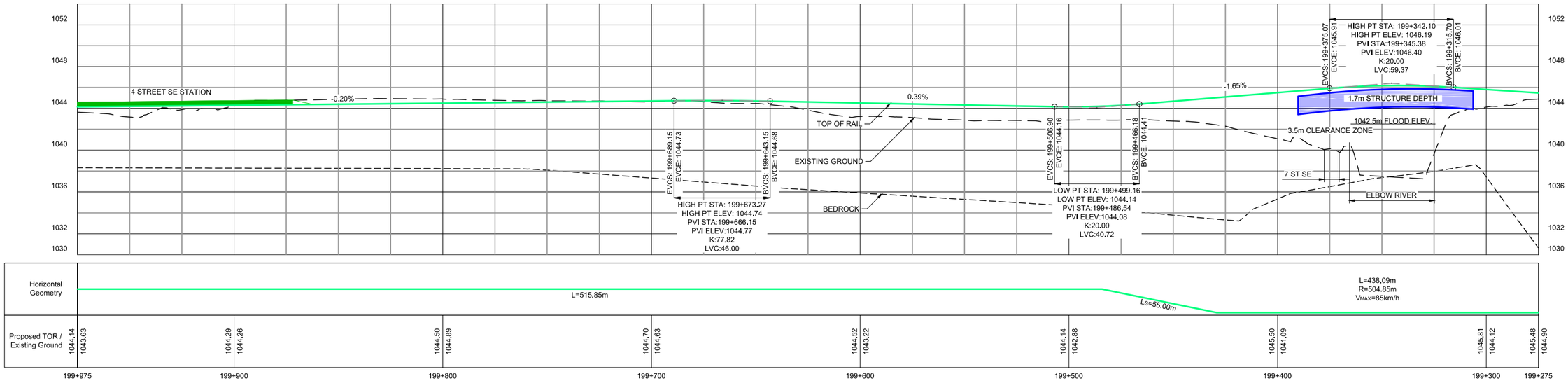
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S OUTBOUND CENTRELINE - STA 198+576.59 - STA 199+275.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1010	C
DATE: 2017/06/06	SHEET: 4 of 35		

CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 9, 2017 - 11:30 AM
CAD FILE H-351173-TS-DWG-N1-FP-AL1010.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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REV.	DATE	ISSUED FOR	AUTH. BY
A	2017/04/17	Issued for Information	C.M.
B	2017/05/25	Issued for Review	C.M.
C	2017/06/06	Issued for Information	C.M.

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GREEN LINE LRT
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S
OUTBOUND CENTRELINE - STA 199+275.00 - STA 199+975.00

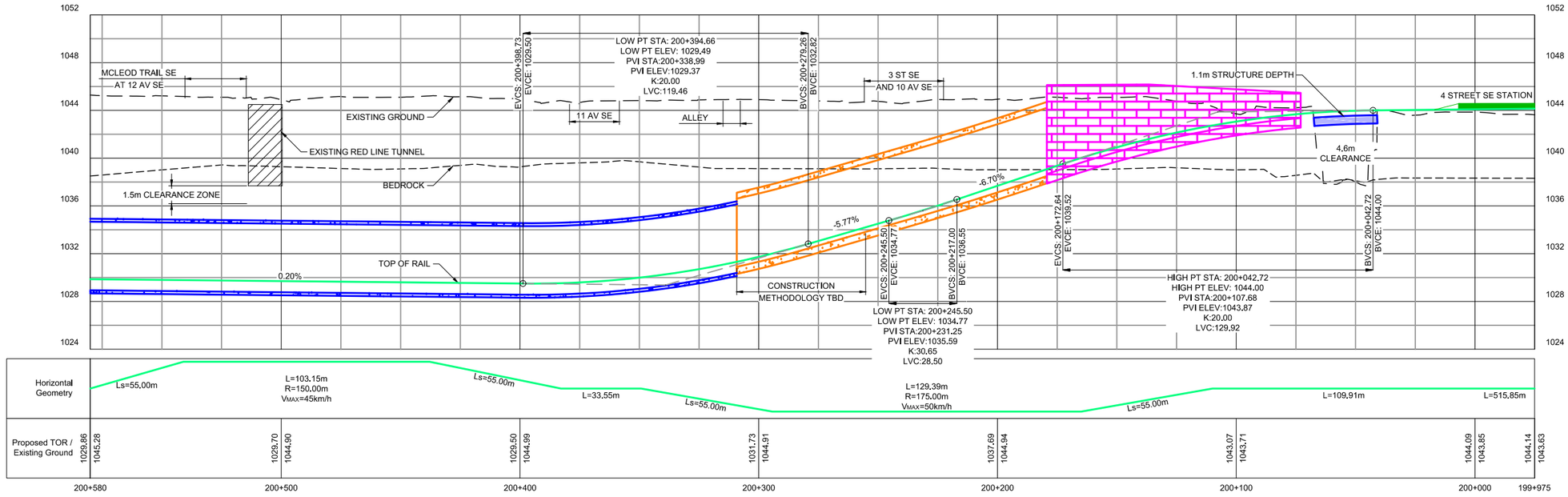
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N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1011	C
DATE: 2017/06/06	SHEET: 5 of 35		

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HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

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HATCH PROJECT No. H-351173

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A	2017/04/17	Issued for Information	C.M.
B	2017/05/25	Issued for Review	C.M.
C	2017/06/06	Issued for Information	C.M.

Calgary

GREEN LINE LRT

TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S

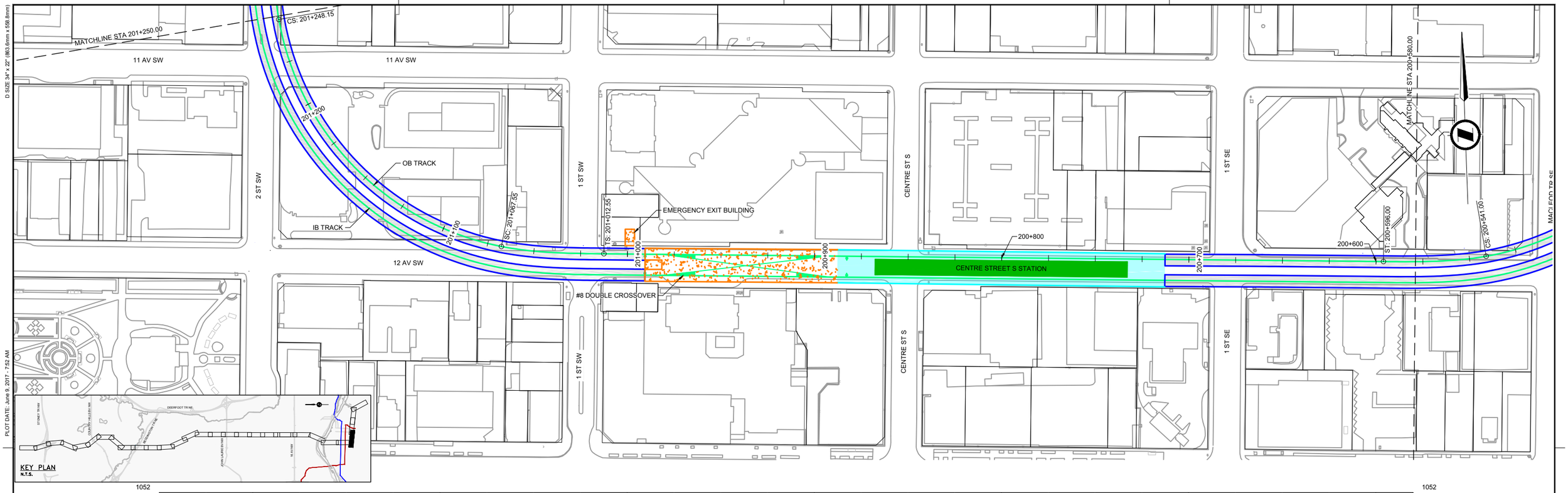
OUTBOUND CENTRELINE - STA 199+975.00 - STA 200+580.00

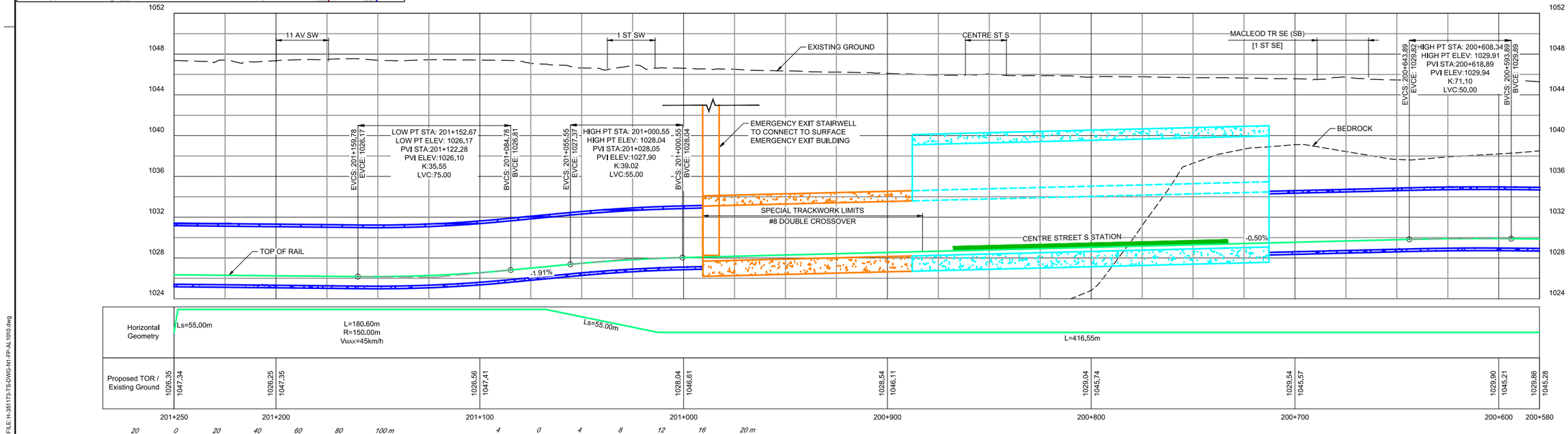
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1012	C
DATE: 2017/06/06	SHEET: 6 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 9, 2017 - 7:52 AM

CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg





KEY PLAN
N.T.S.

HORIZONTAL SCALE 1:1000 (20 0 20 40 60 80 100 m)

VERTICAL SCALE 1:200 (4 0 4 8 12 16 20 m)

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C	2017/06/06	Issued for Information	C.M.

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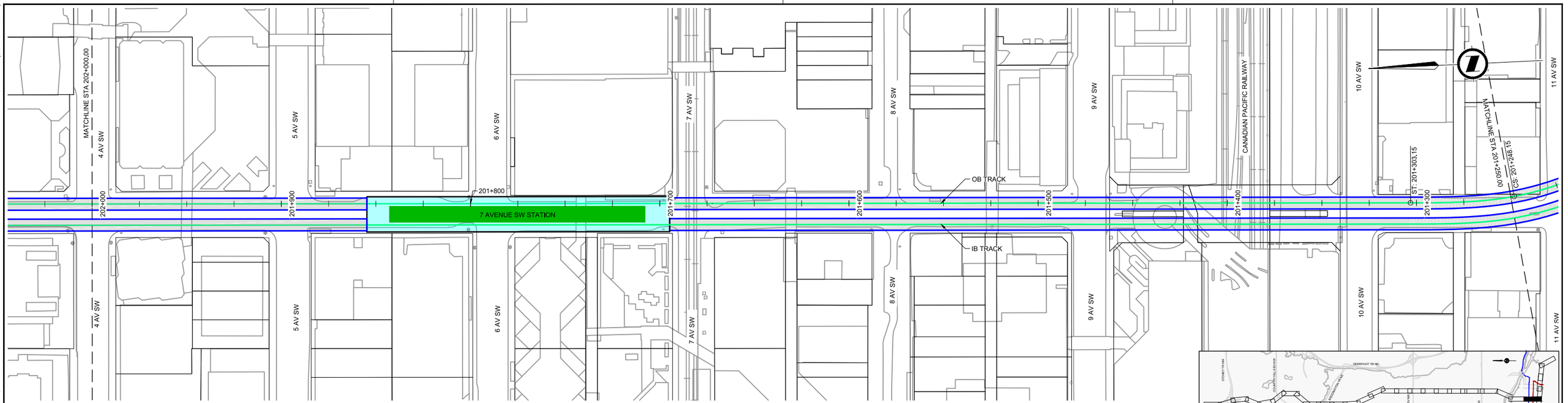
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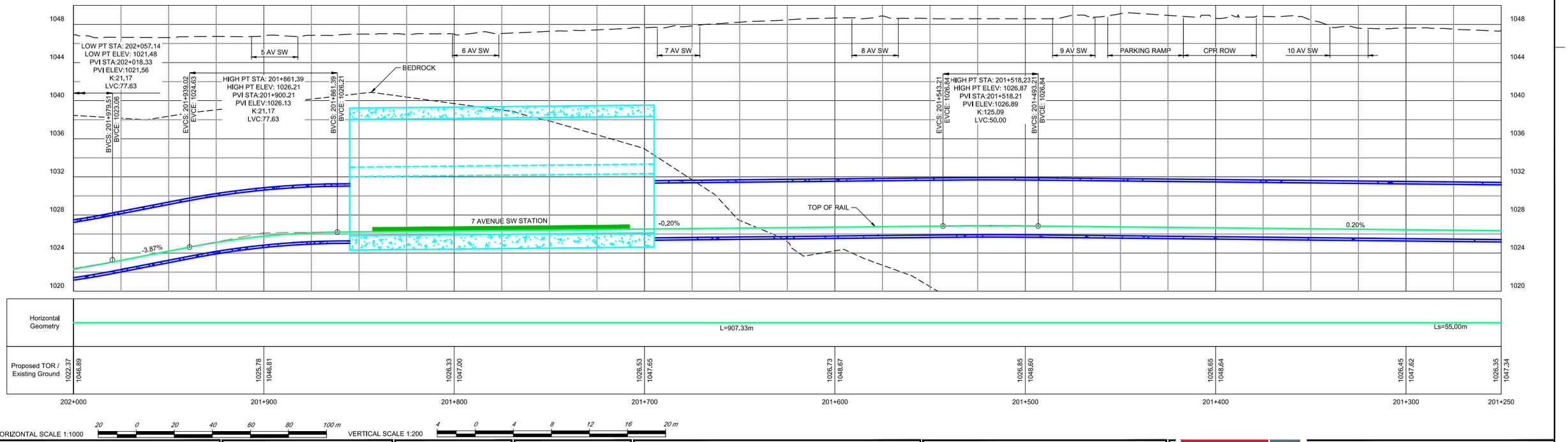
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S

OUTBOUND CENTRELINE - STA 200+580.00 - STA 201+250.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1013	C
DATE: 2017/06/06	SHEET: 7 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 9, 2017 - 7:53 AM
CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg





HORIZONTAL SCALE 1:1000 (20 0 20 40 60 80 100 m)

VERTICAL SCALE 1:200 (4 0 4 8 12 16 20 m)

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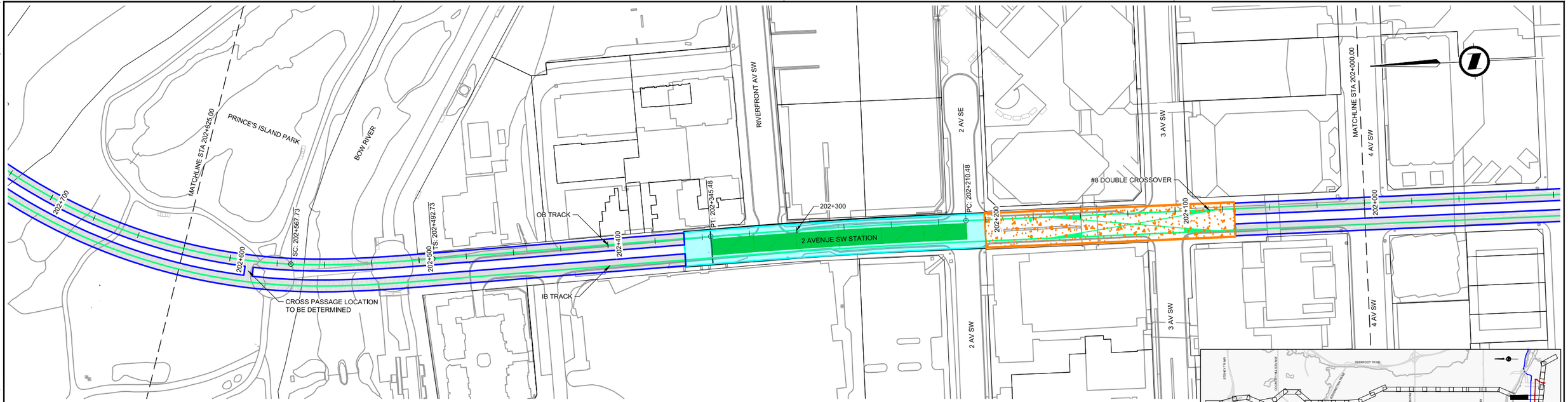
REV.	DATE	ISSUED FOR	AUTH. BY
A	2017/04/17	Issued for Information	C.M.
B	2017/05/25	Issued for Review	C.M.
C	2017/06/06	Issued for Information	C.M.

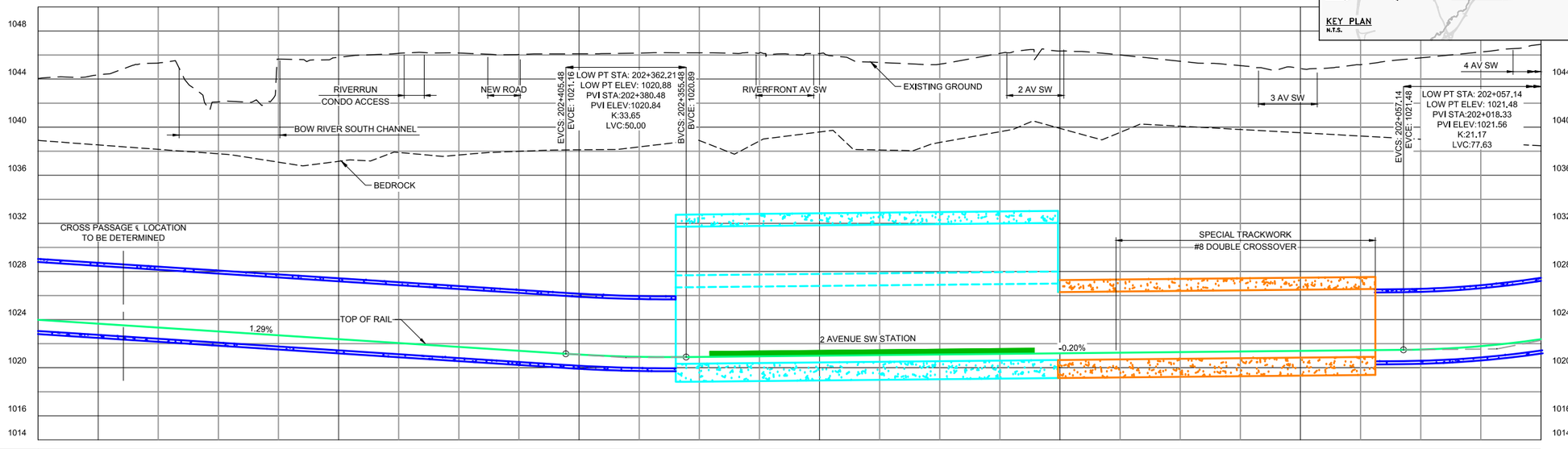
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S
OUTBOUND CENTRELINE - STA 201+250.00 - STA 202+000.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1014	C
DATE: 2017/06/06	SHEET: 8 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 9, 2017 - 7:53 AM
CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg





Horizontal Geometry	L=183,87m R=294.38m VMAX=65km/h	Ls=75.00m	L=147.24m	L=135.00m R=3788.00m VMAX=65km/h	L=907.33m	
Proposed TOR / Existing Ground	1023.98 / 1044.05	1023.66 / 1044.36	1022.37 / 1045.81	1021.09 / 1046.11	1021.00 / 1046.13	1021.20 / 1046.34	1021.40 / 1044.88	1022.37 / 1046.89
	202+625	202+600	202+500	202+400	202+300	202+200	202+100	202+000

HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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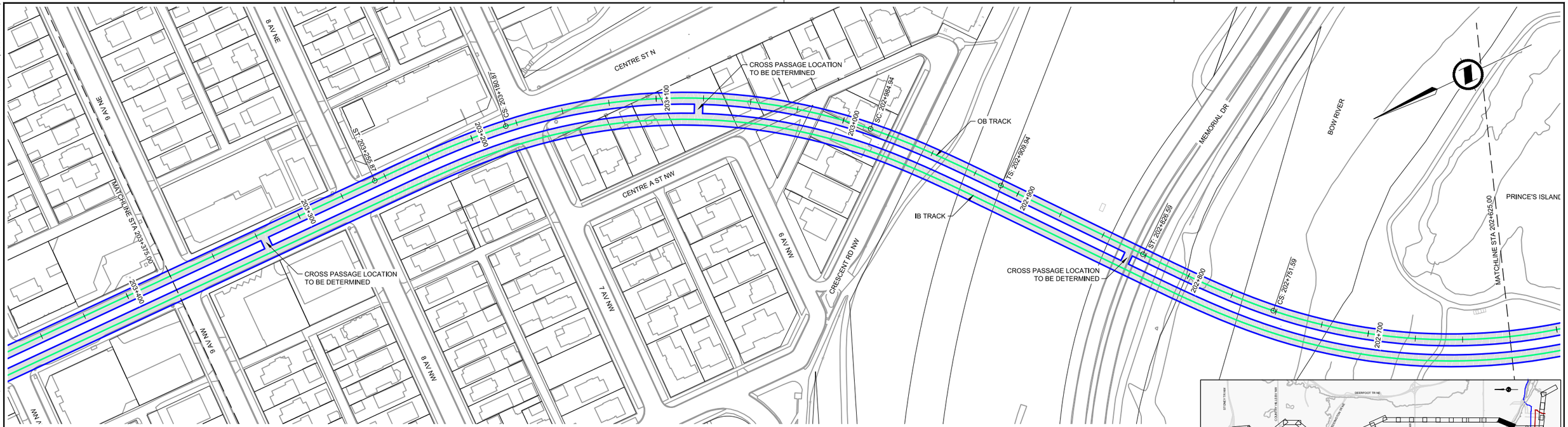
REV.	DATE	ISSUED FOR	AUTH. BY
A	2017/06/06	Issued for Information	C.M.

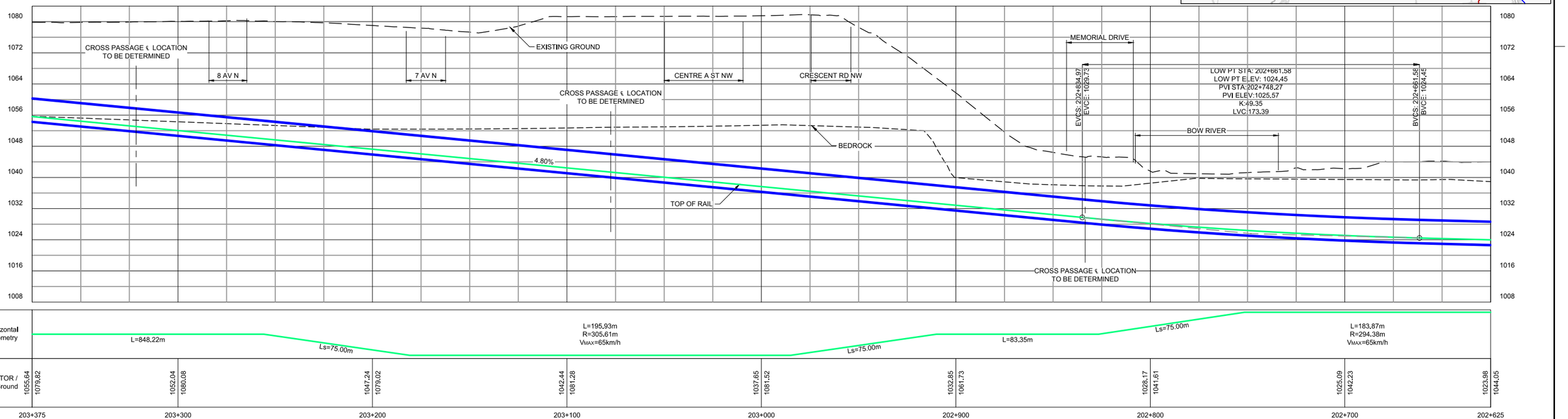
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S
OUTBOUND CENTRELINE - STA 202+000.00 - STA 202+625.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1015	A
DATE: 2017/06/06	SHEET: 9 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 9, 2017 - 7:53 AM
CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg





CHANGED VERTICAL SCALE

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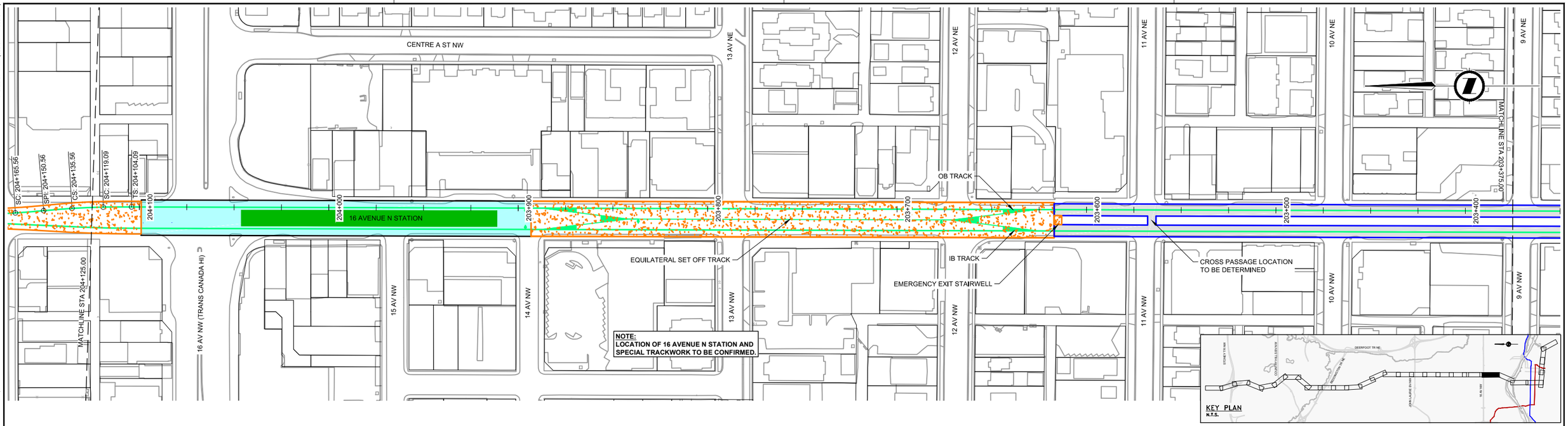
REV.	DATE	ISSUED FOR	AUTH. BY
A	2017/06/06	Issued for Information	C.M.

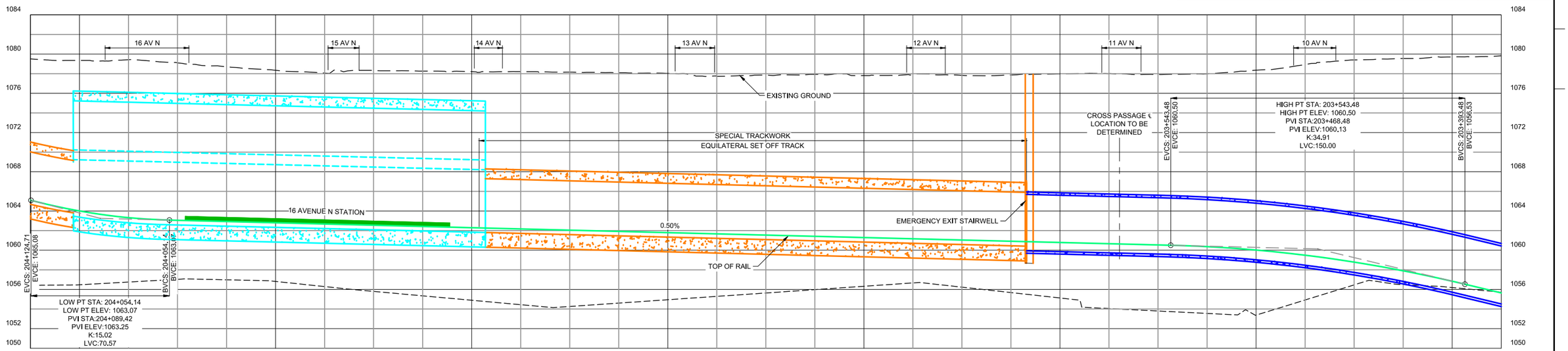
Calgary

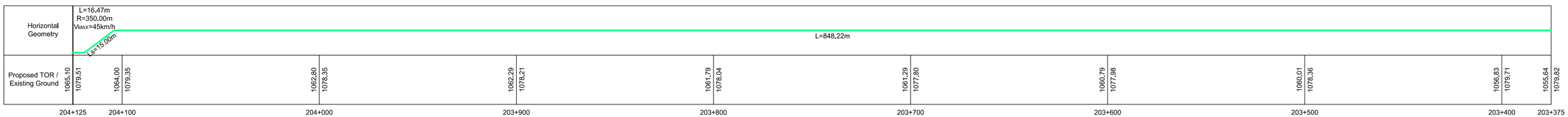
GREEN LINE LRT
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S
OUTBOUND CENTRELINE - STA 202+625.00 - STA 203+375.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1016	A
DATE: 2017/06/06	SHEET: 10 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 9, 2017 - 7:53 AM
CAD FILE:H-351173-TS-DWG-N1-FP-AL1010.dwg







HORIZONTAL SCALE 1:1000 — 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 — 4 0 4 8 12 16 20 m

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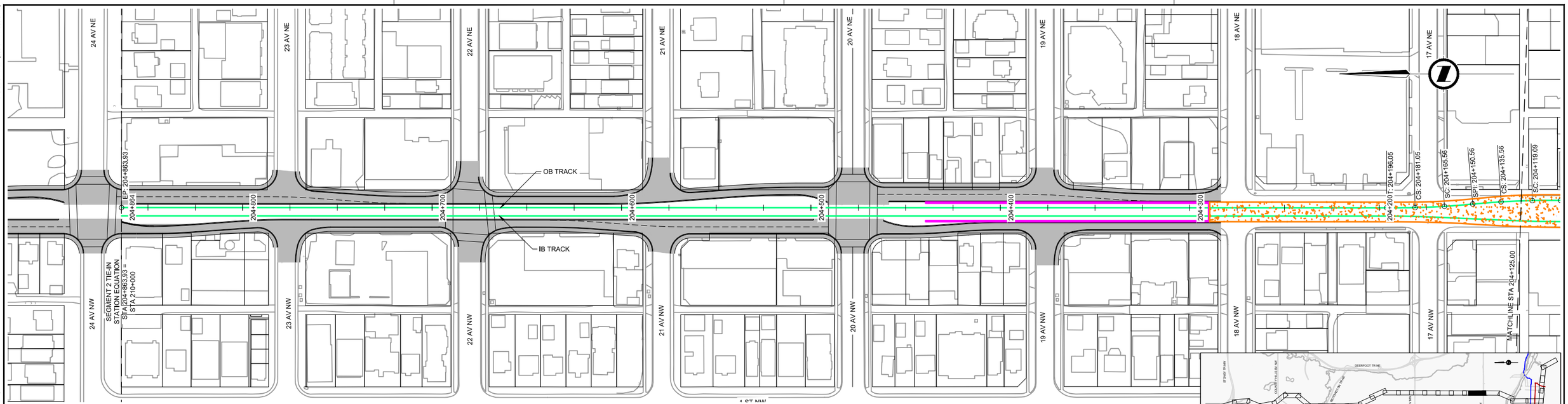
GREEN LINE LRT
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S
OUTBOUND CENTRELINE - STA 203+375.00 - STA 204+125.00

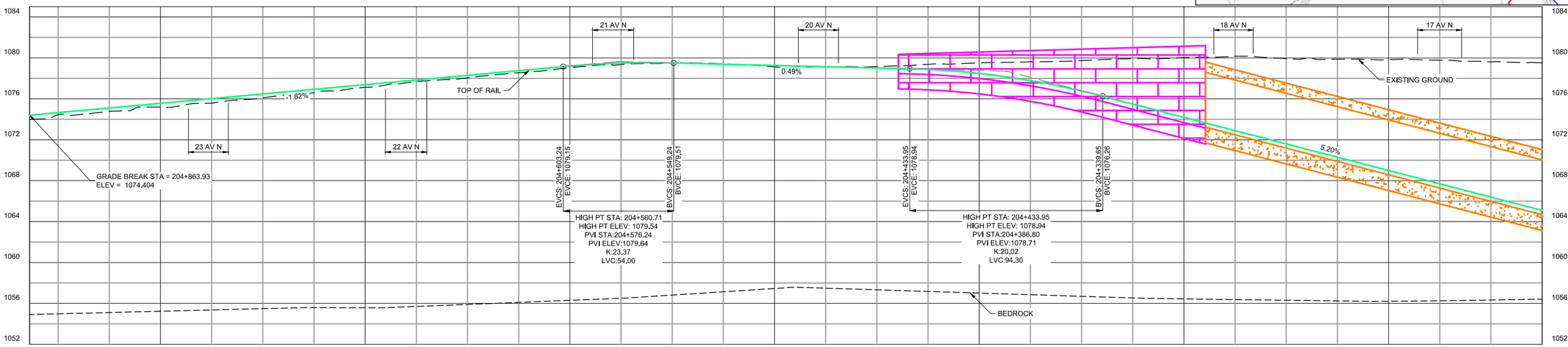
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1017	A
DATE: 2017/06/06	SHEET: 11 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 9, 2017 - 7:54 AM

CAD FILE: H-351173-TS-DWG-N1-FP-AL1010.dwg





Horizontal Geometry: L=667.88m; L=16,47m R=350,00m VMAX=45km/h; Ls=15.00m; L=15,49m R=350,00m VMAX=45km/h; Ls=15.00m; Ls=15.00m

Proposed TOR / Existing Ground														
1073.98	1075.57	1075.18	1077.39	1077.12	1079.21	1079.06	1079.27	1079.13	1078.49	1079.51	1074.20	1080.01	1069.00	1079.83	1065.10	1079.51
204+863.93	204+800		204+700		204+600		204+500		204+400		204+300		204+200		204+125	

HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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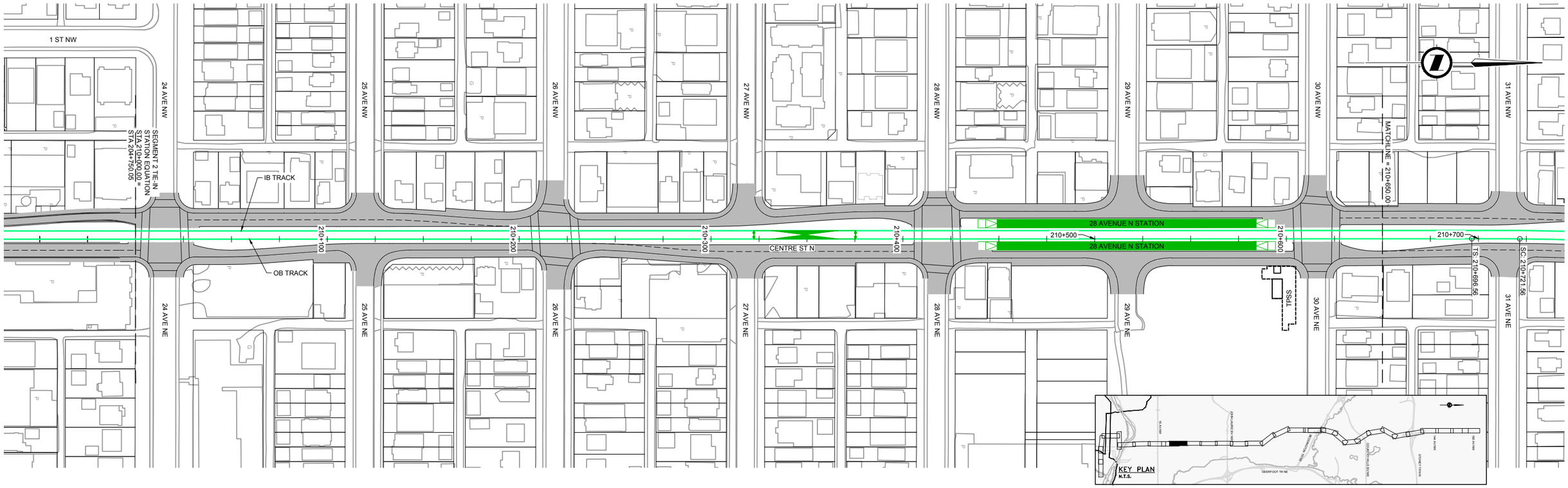
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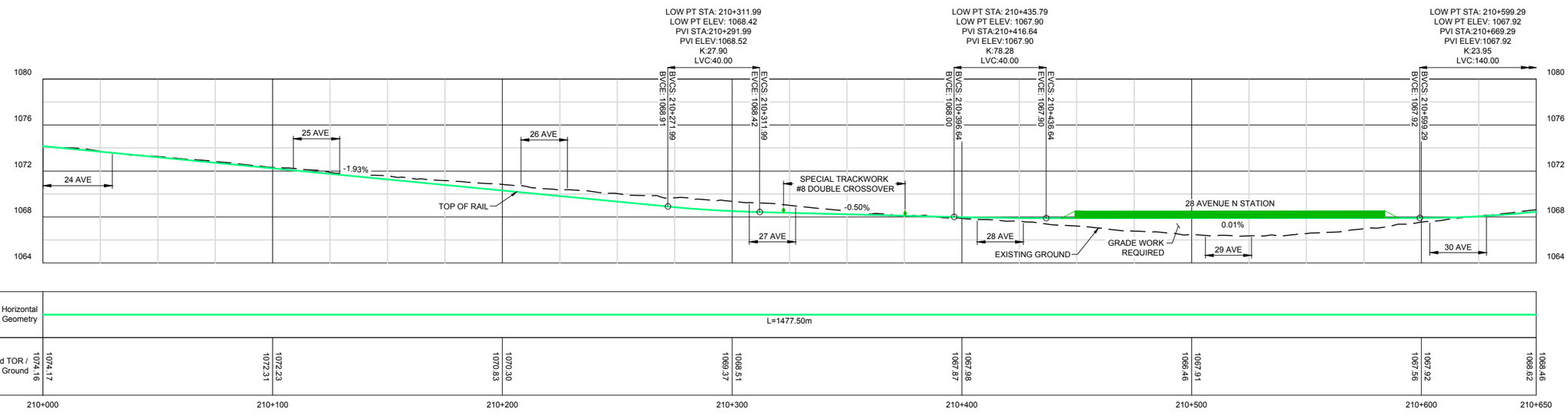
TRACK PLAN AND PROFILE - TRANSITION TO 10 AVENUE S

OUTBOUND CENTRELINE - STA 204+125.00 - STA 204+863.93

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	T. SPEED	H-351173-TS-DWG-N1-FP-AL1018	A
DATE: 2017/06/06	SHEET: 12 of 35		

D SIZE: 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:18 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





HORIZONTAL SCALE: 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE: 1:200 4 0 4 8 12 16 20 m

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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

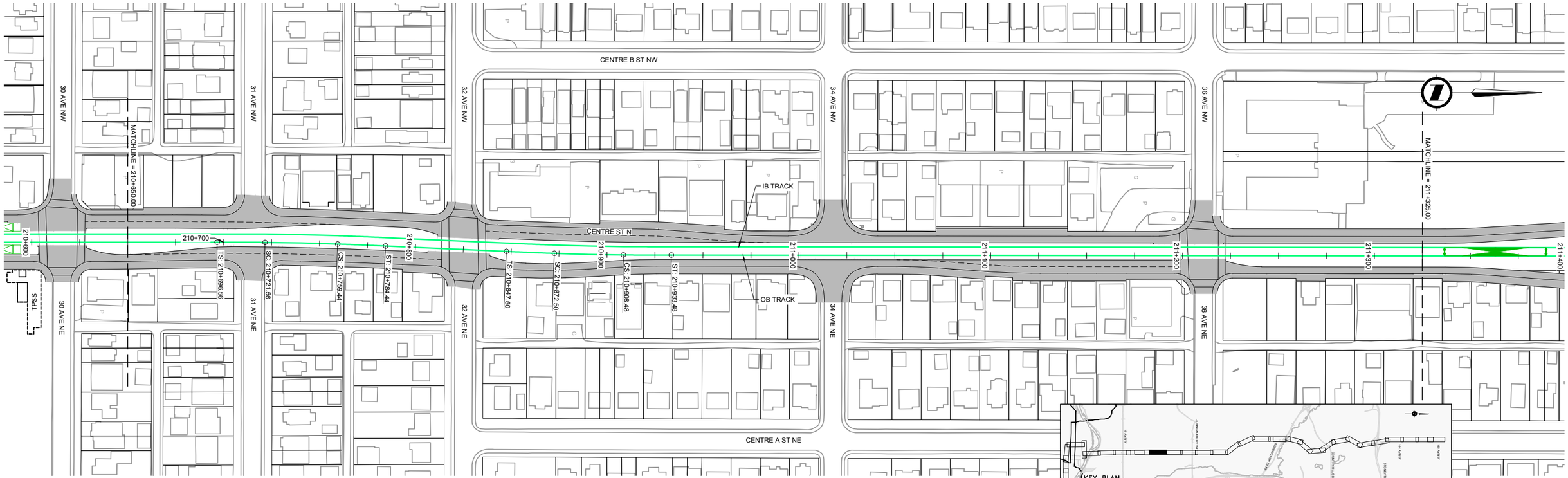
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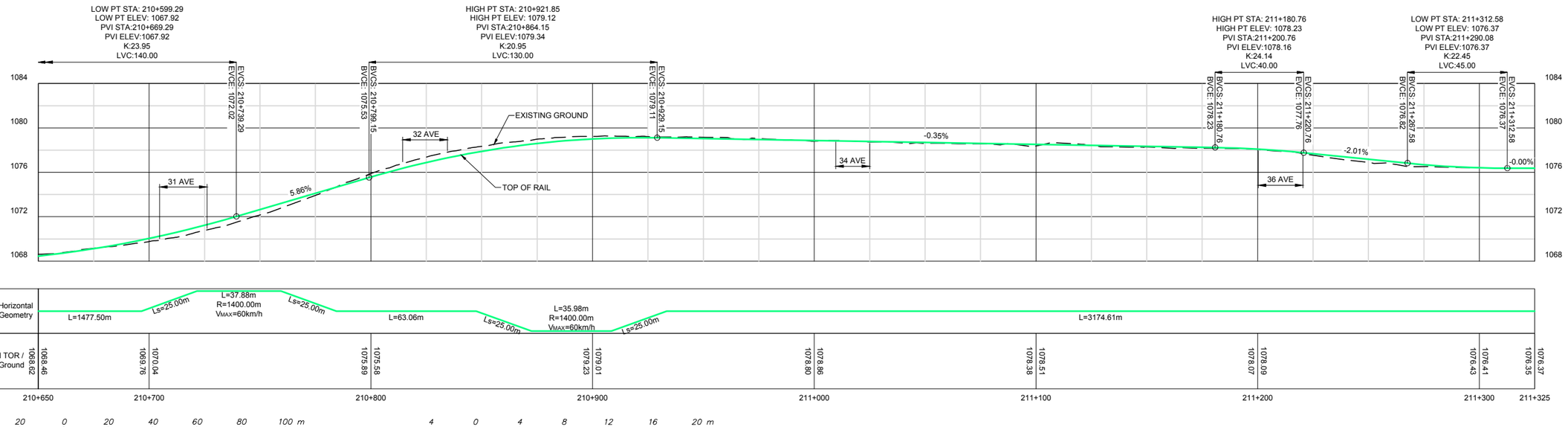
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 210+000.00 TO STA 210+650.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1004	C
DATE: 2017/05/01	SHEET: 13 of 35		

D SIZE: 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:19 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





HORIZONTAL SCALE: 1:1000 (20 0 20 40 60 80 100 m) VERTICAL SCALE: 1:200 (4 0 4 8 12 16 20 m)

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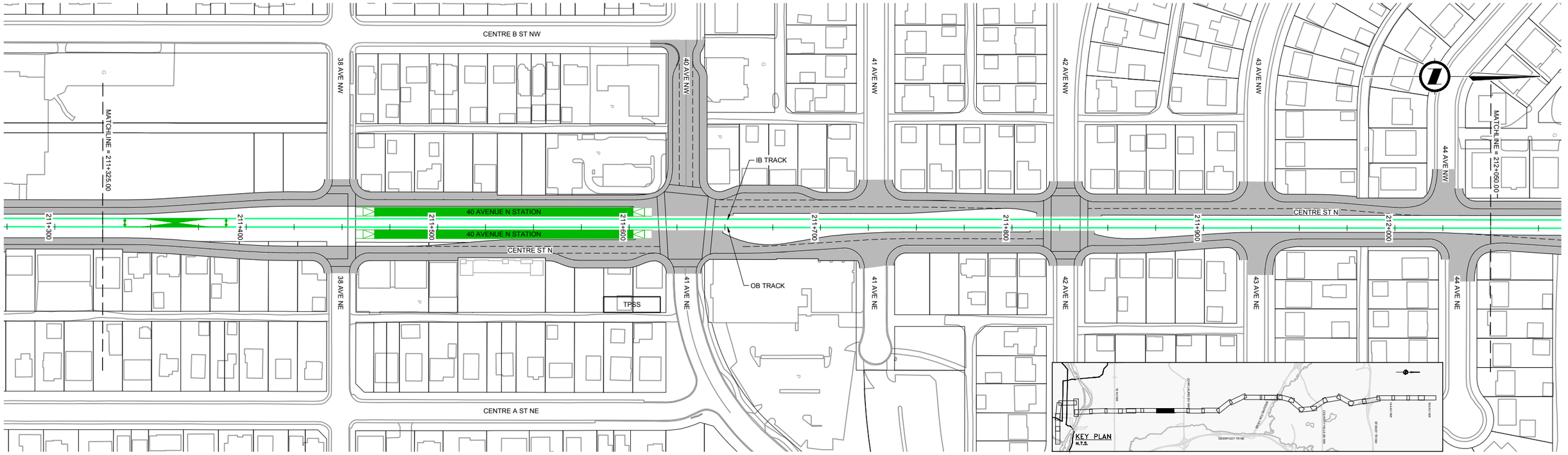
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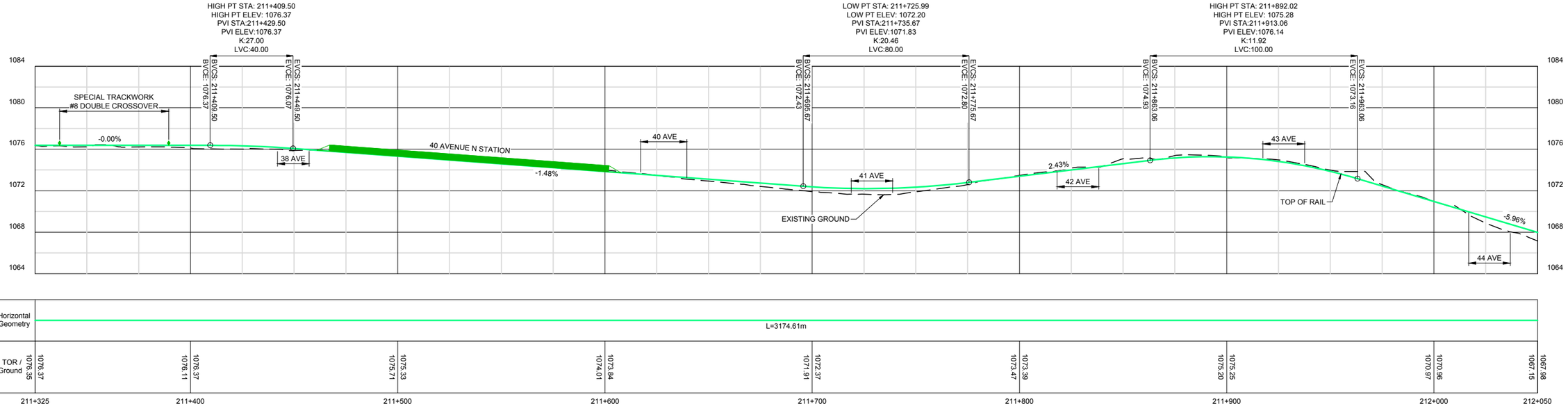
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 210+650.00 TO STA 211+325.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1005	C
DATE: 2017/05/01	SHEET: 14 of 35		

D SIZE: 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:20 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





HORIZONTAL SCALE: 1:1000 (20 0 20 40 60 80 100 m) VERTICAL SCALE: 1:200 (4 0 4 8 12 16 20 m)

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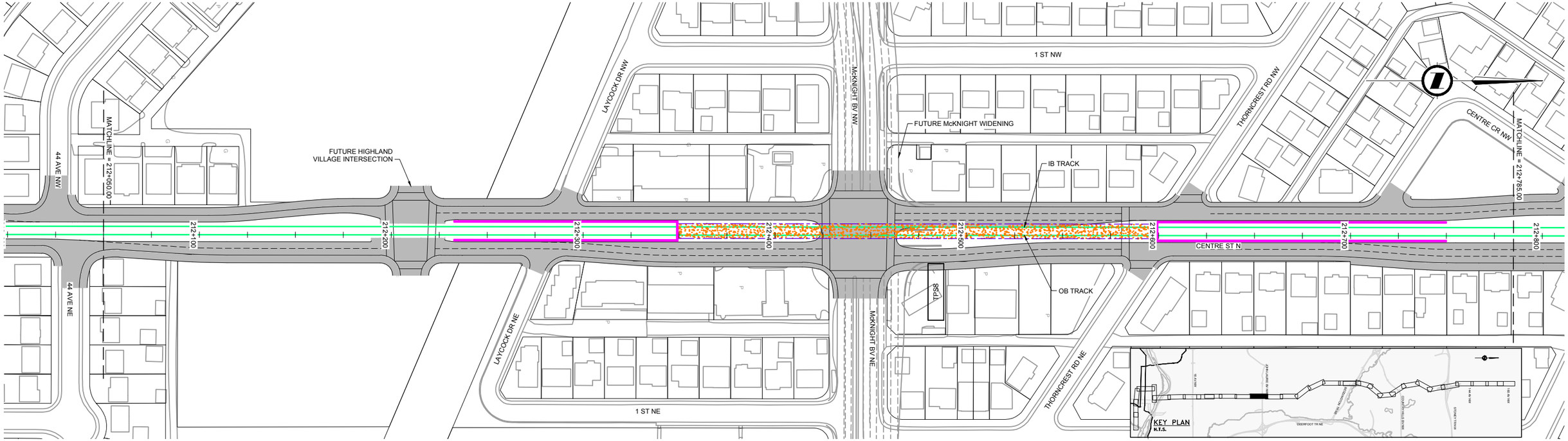
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing 357549-TS-DWG-N2-FP-AL1006	K.H.
B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

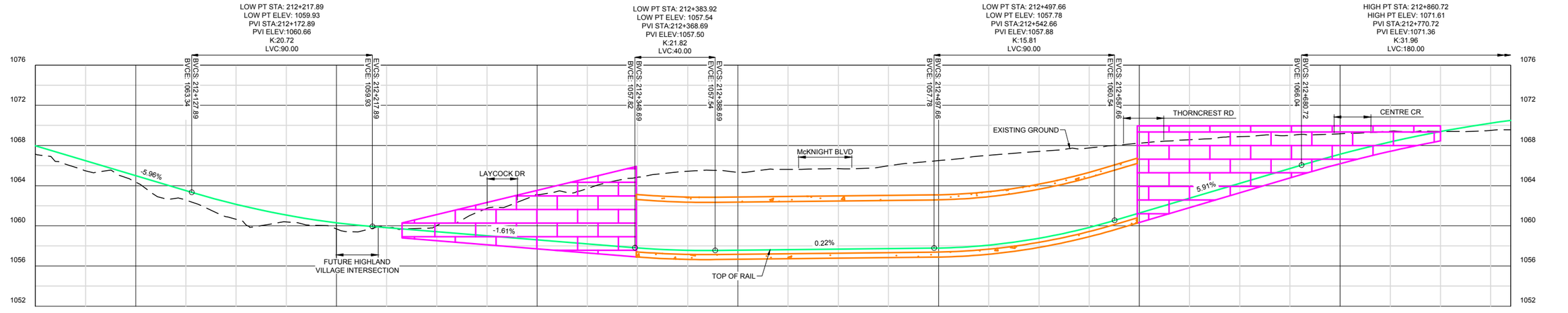
DRAFT

Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 211+325.00 TO STA 212+050.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1006	C
DATE: 2017/05/01	SHEET: 15 of 35		





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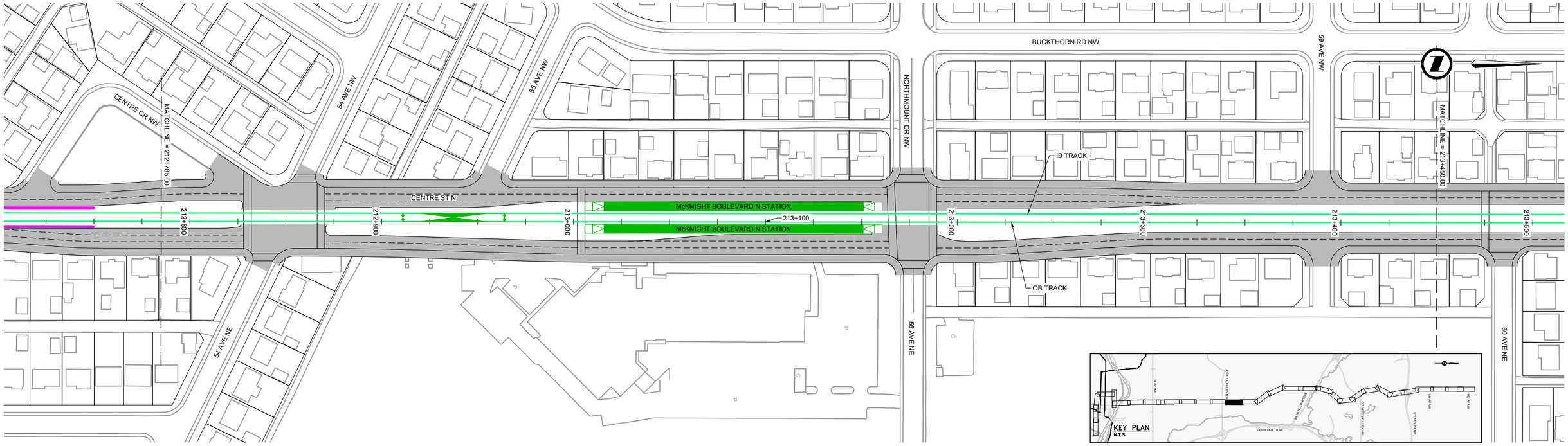
Calgary

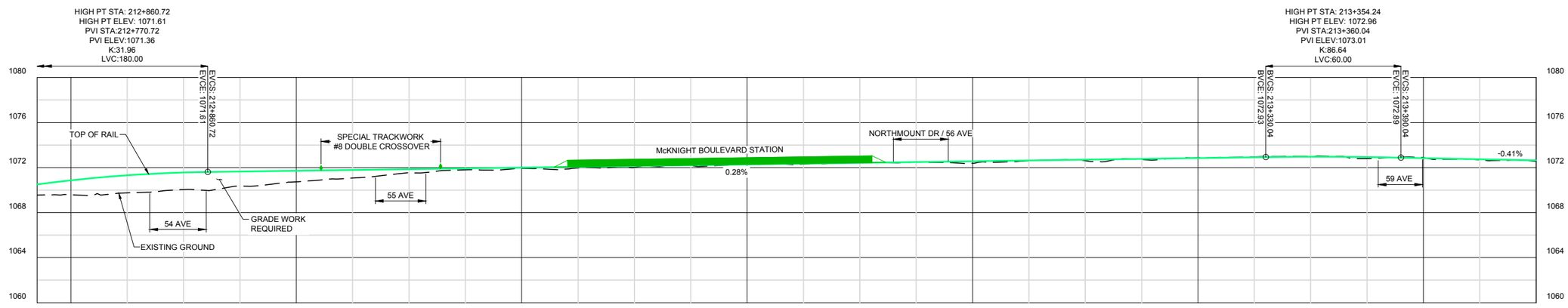
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 212+050.00 TO STA 212+785.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1007	C
DATE: 2017/05/01	SHEET: 16 of 35		

D SIZE (34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:22 PM
CAD FILE 351173-TS-DWG-N2-FP-AL1001.dwg

D SIZE: 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:23 PM
CAD FILE: 351173TSDWG-N2-FP-AL1001.dwg





HORIZONTAL SCALE: 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE: 1:200 4 0 4 8 12 16 20 m

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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

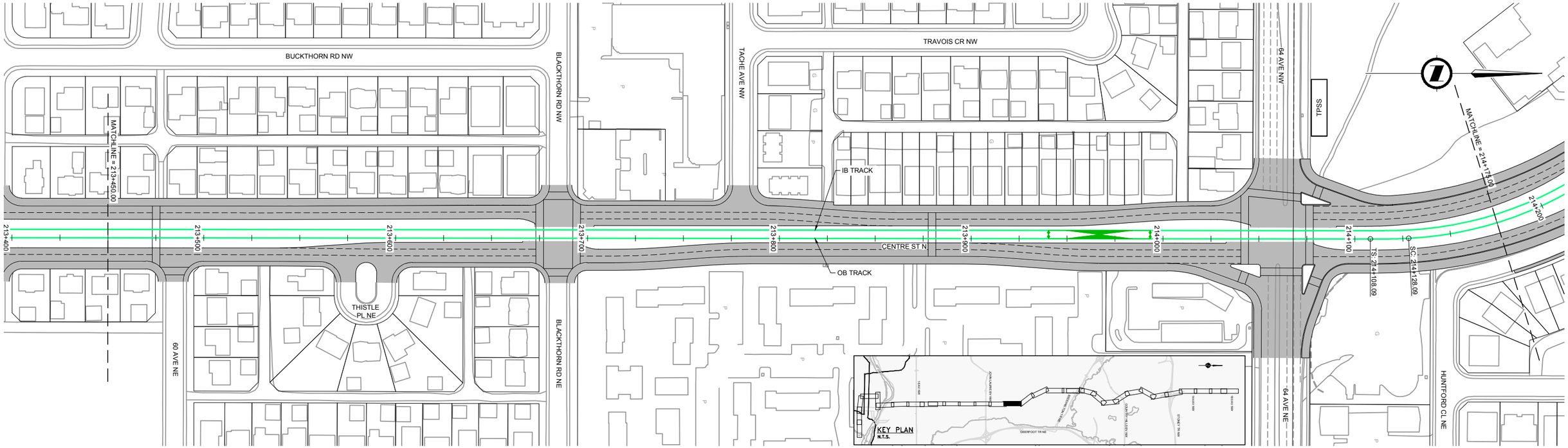
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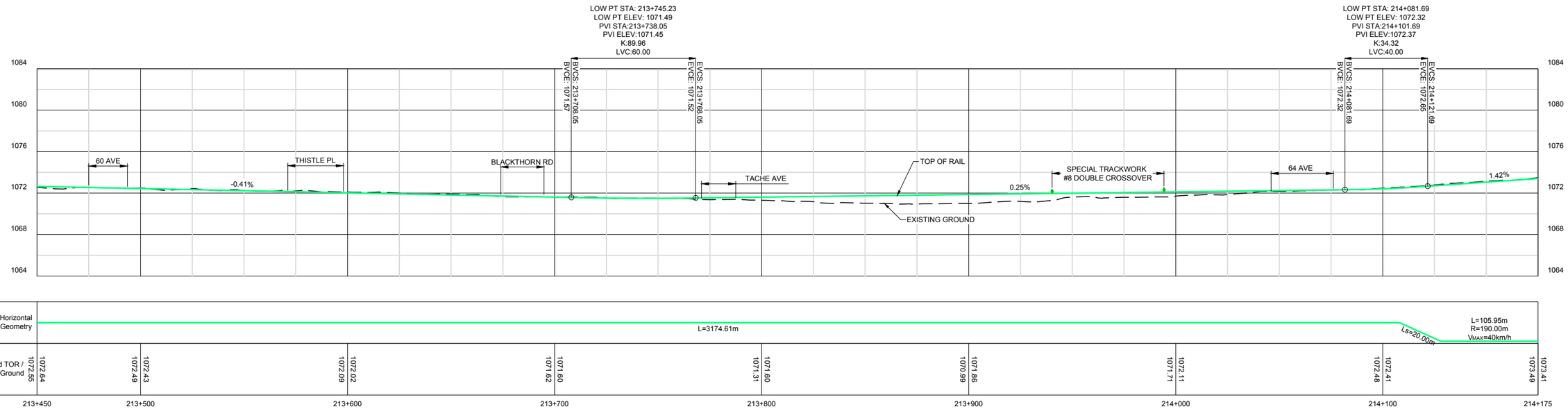
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 212+785.00 TO STA 213+450.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1008	C
DATE: 2017/05/01	SHEET: 17 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:24 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





HORIZONTAL SCALE: 1:1000 (20 0 20 40 60 80 100 m) VERTICAL SCALE: 1:200 (4 0 4 8 12 16 20 m)

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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

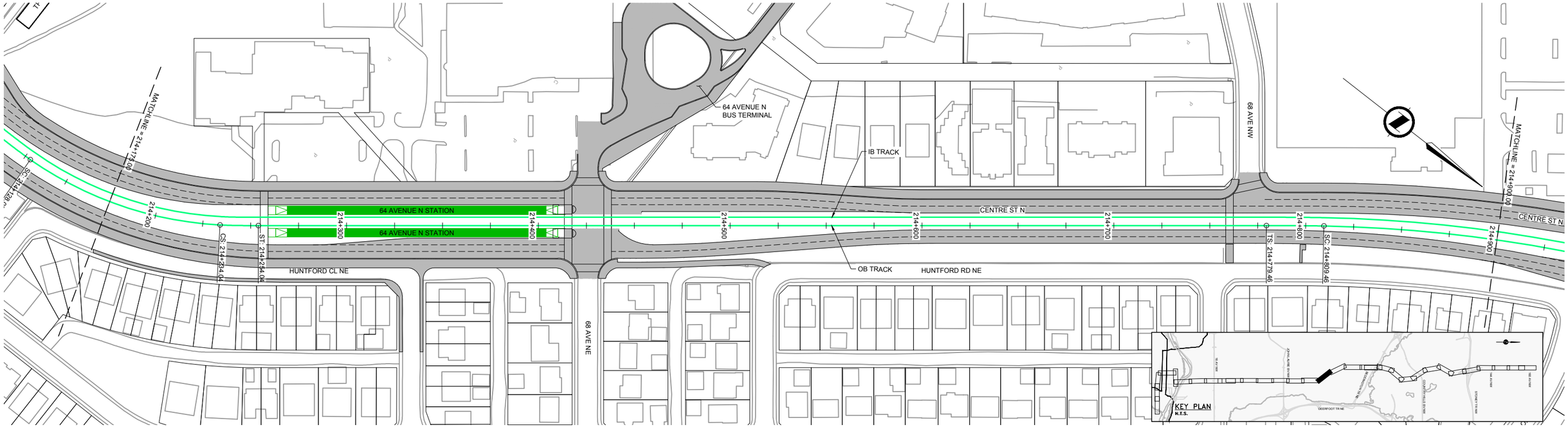
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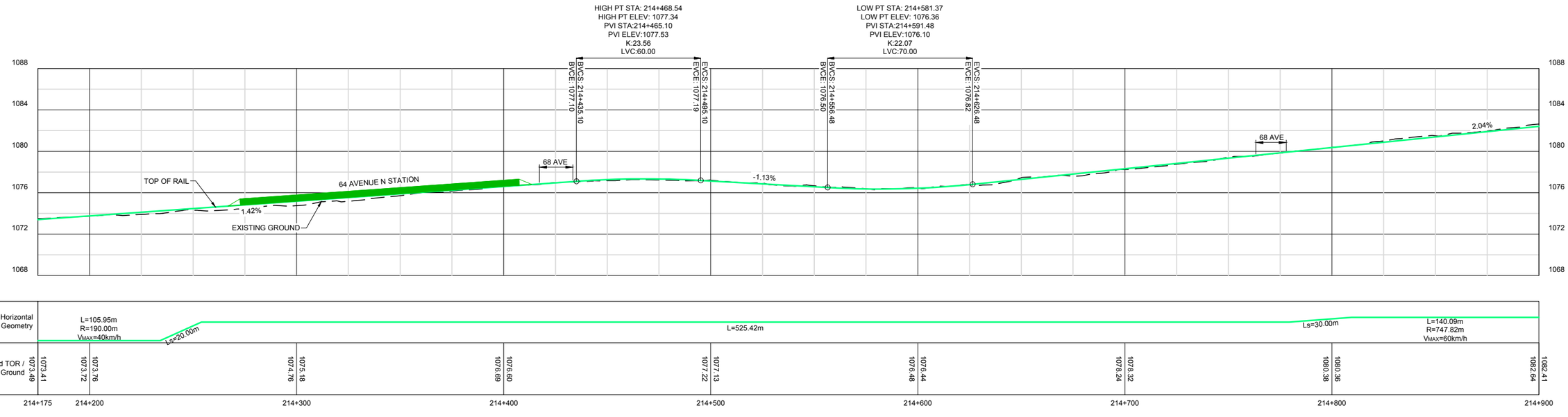
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 213+450.00 TO STA 214+175.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1009	C
DATE: 2017/05/01	SHEET: 18 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:26 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





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C	2017/05/01	Issued for Functional Design Report	K.H.

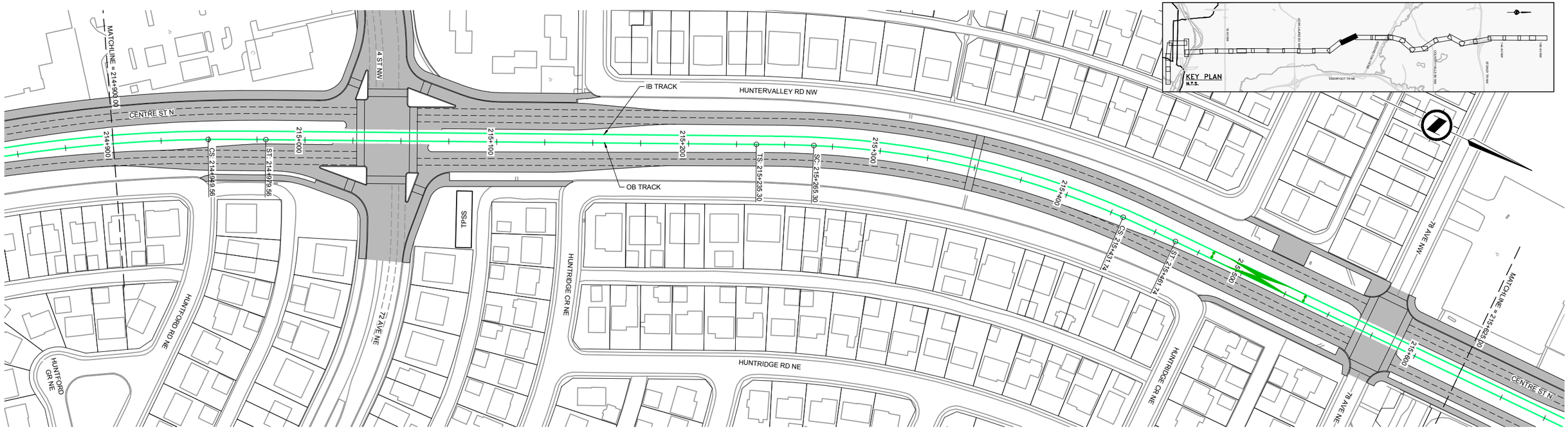
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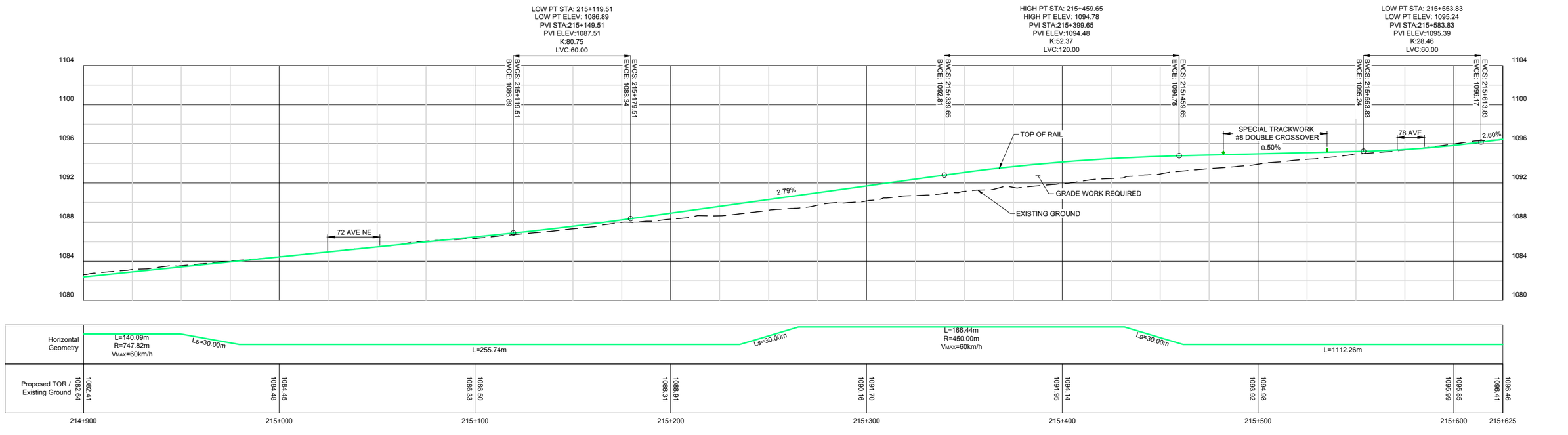
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 214+175.00 TO STA 214+900.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1010	C
DATE: 2017/05/01	SHEET: 19 of 35		

D SIZE (34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:27 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg





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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

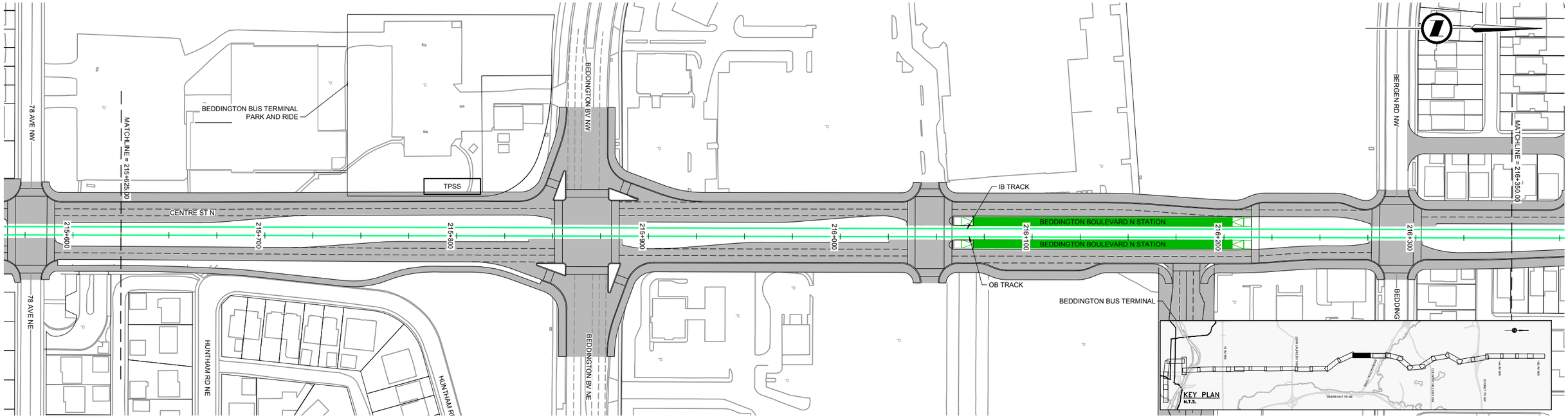
DRAFT

Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 214+900.00 TO STA 215+625.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1011	C
DATE: 2017/05/01	SHEET: 20 of 35		

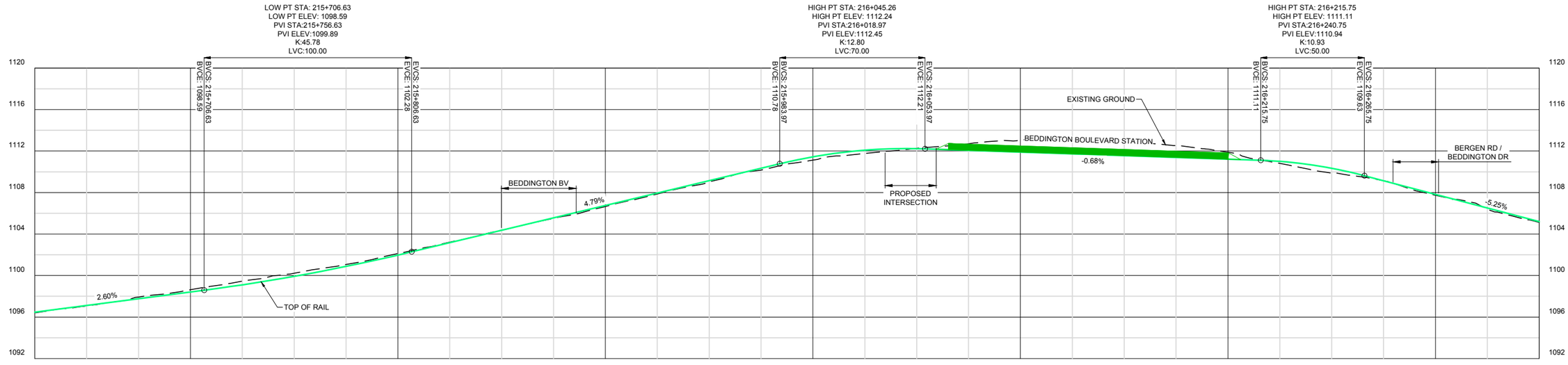
D SIZE: 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: June 14, 2017 - 4:29 PM
CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg

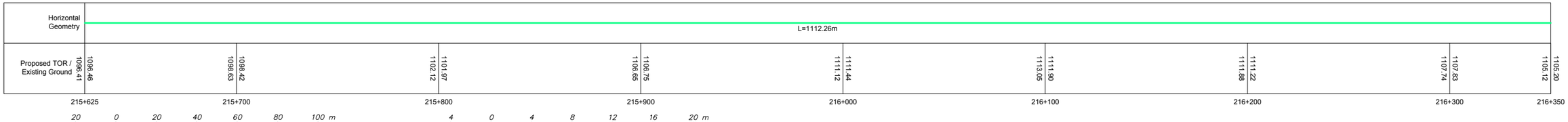


LOW PT STA: 215+706.63
LOW PT ELEV: 1098.59
PVI STA:215+756.63
PVI ELEV:1099.89
K:45.78
LVC:100.00

HIGH PT STA: 216+045.26
HIGH PT ELEV: 1112.24
PVI STA:216+018.97
PVI ELEV:1112.45
K:12.80
LVC:70.00

HIGH PT STA: 216+215.75
HIGH PT ELEV: 1111.11
PVI STA:216+240.75
PVI ELEV:1110.94
K:10.93
LVC:50.00





HORIZONTAL SCALE: 1:1000 (20 0 20 40 60 80 100 m)
VERTICAL SCALE: 1:200 (4 0 4 8 12 16 20 m)

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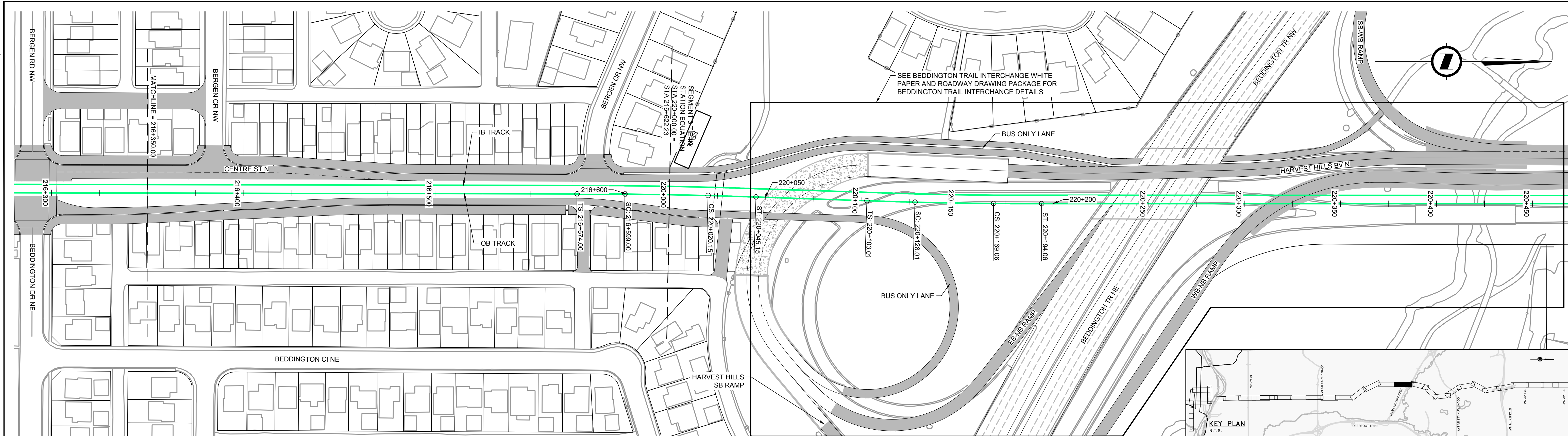
REV.	DATE	ISSUED FOR	AUTH. BY
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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

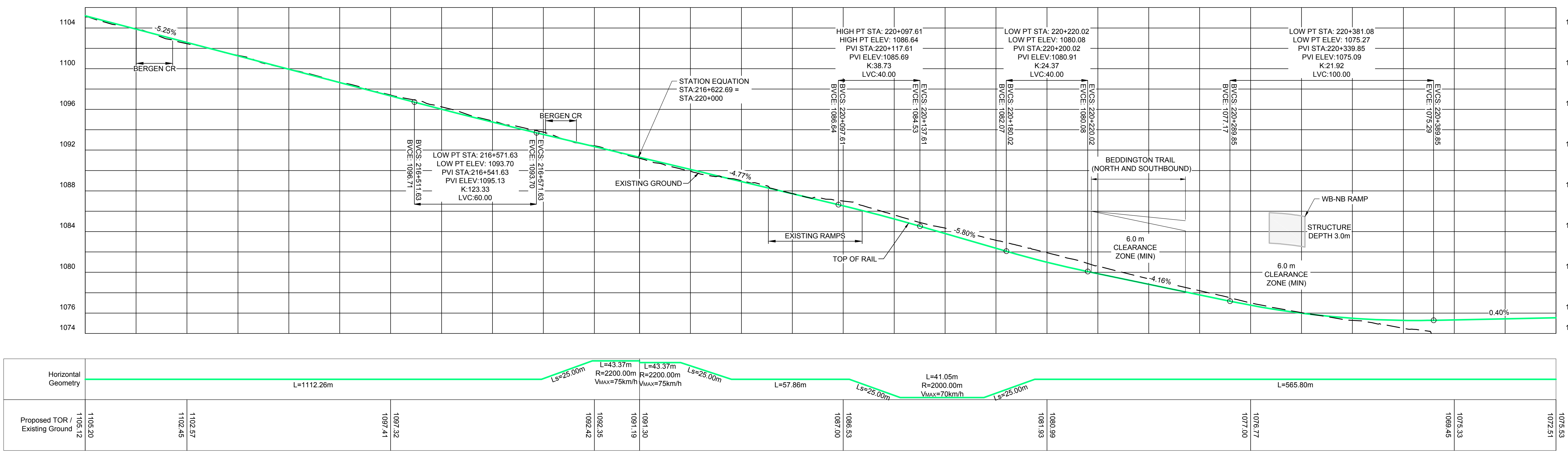
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Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 215+625.00 TO STA 216+350.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1012	C
DATE: 2017/05/01	SHEET: 21 of 35		





HORIZONTAL SCALE: 1:1000 (20 0 20 40 60 80 100 m)

VERTICAL SCALE: 1:200 (4 0 4 8 12 16 20 m)

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B	2017/03/08	Issued for Interdisciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 216+350.00 TO STA 220+450.00

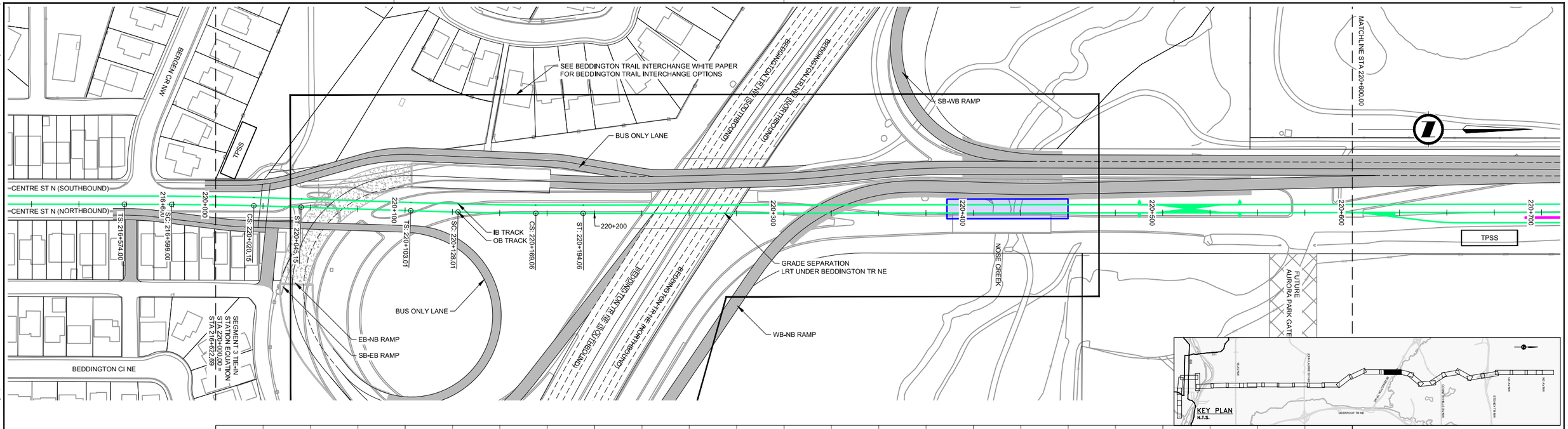
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J.ANDERSEN	G.BROADHURST	H-351173-TS-DWG-N2-FP-AL1013	C
DATE: 2017/05/01	SHEET: 22 of 35		

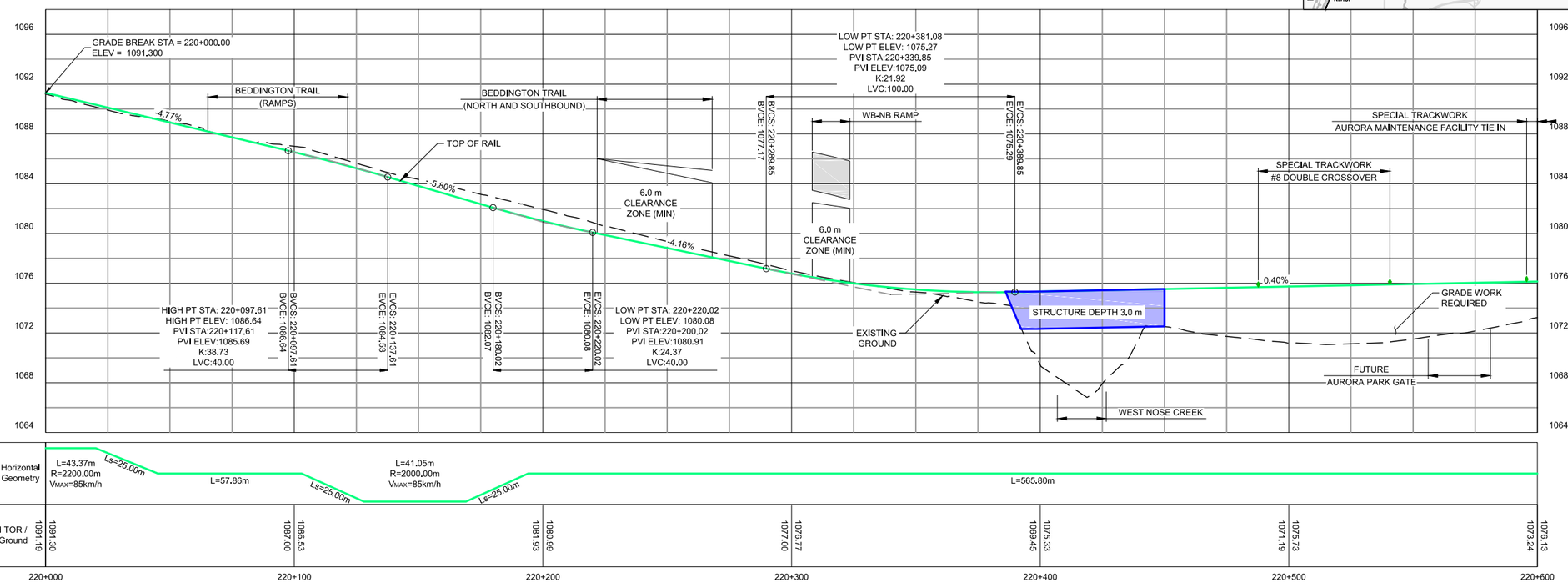
D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 14, 2017 - 4:31 PM

CAD FILE: 351173-TS-DWG-N2-FP-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg
PLOT DATE: May 30, 2017 - 12:02 PM

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B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

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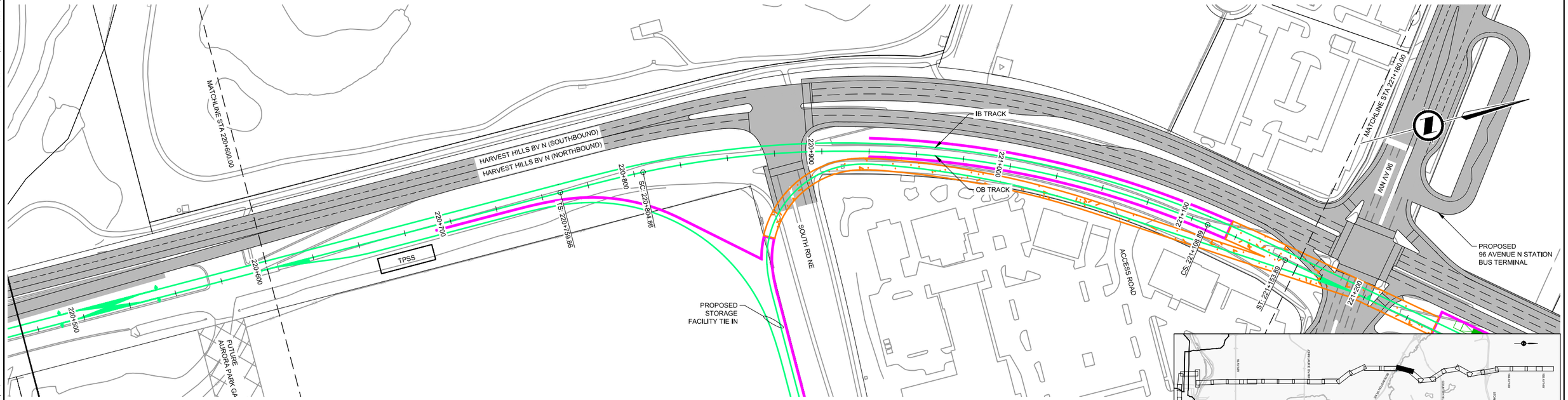
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 220+000.00 - STA 220+600.00

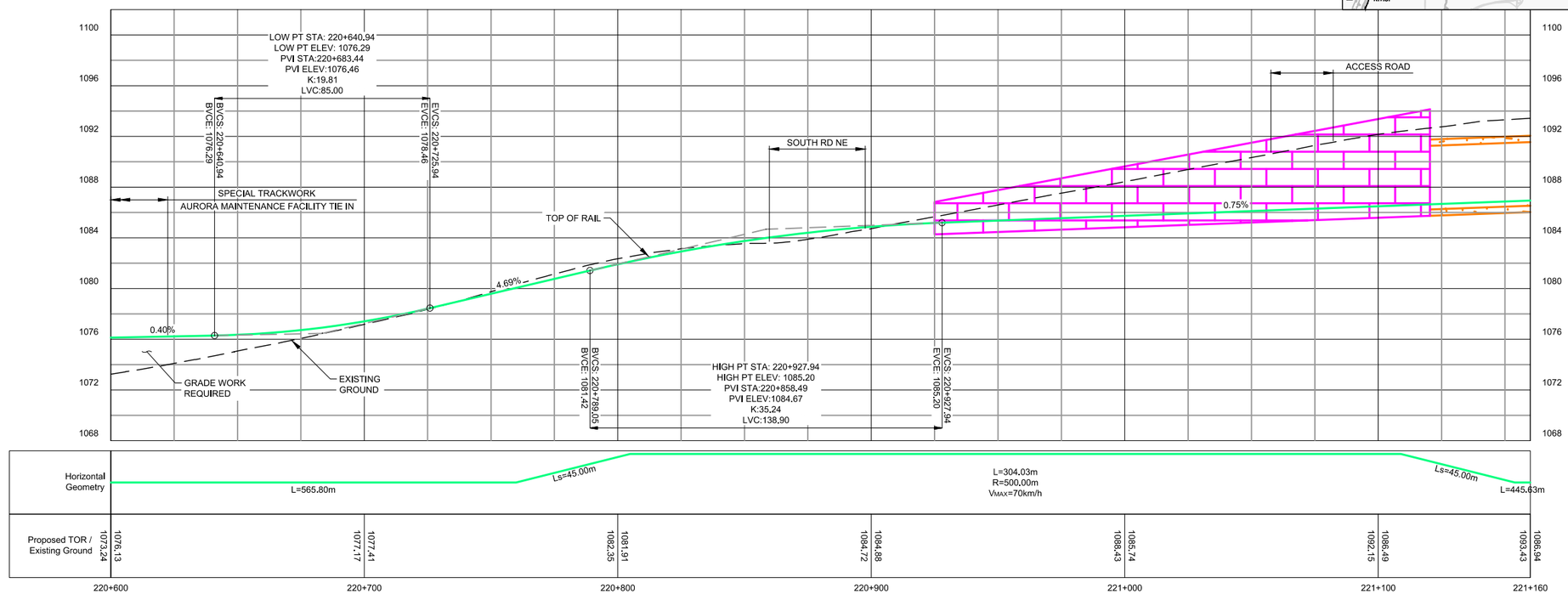
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1020	C
DATE: 2016/12/15	SHEET: 23 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 12:02 PM

CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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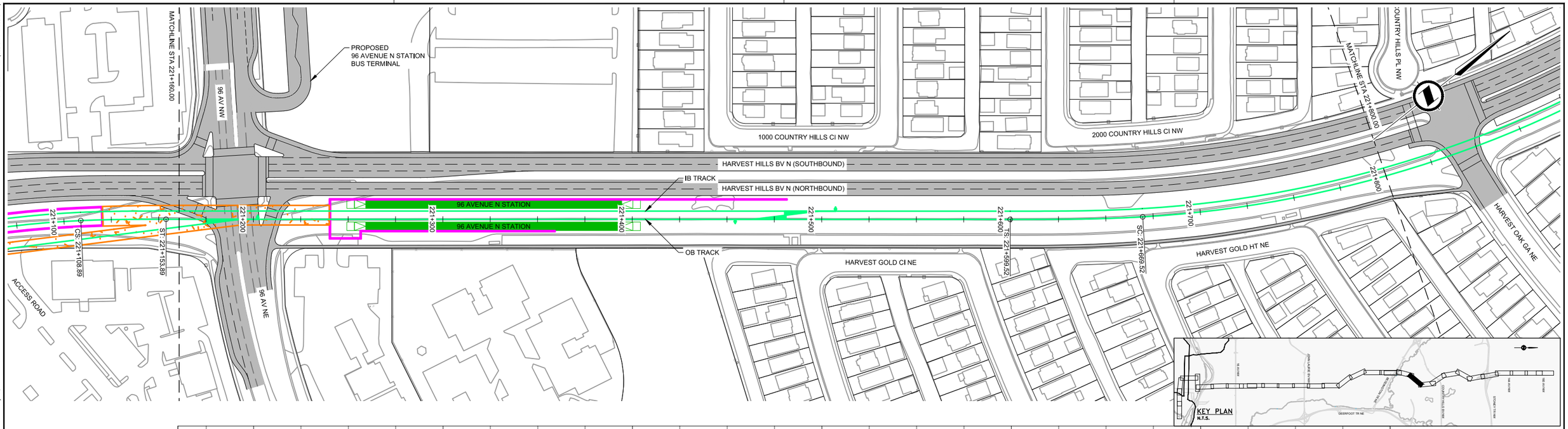
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1021	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.

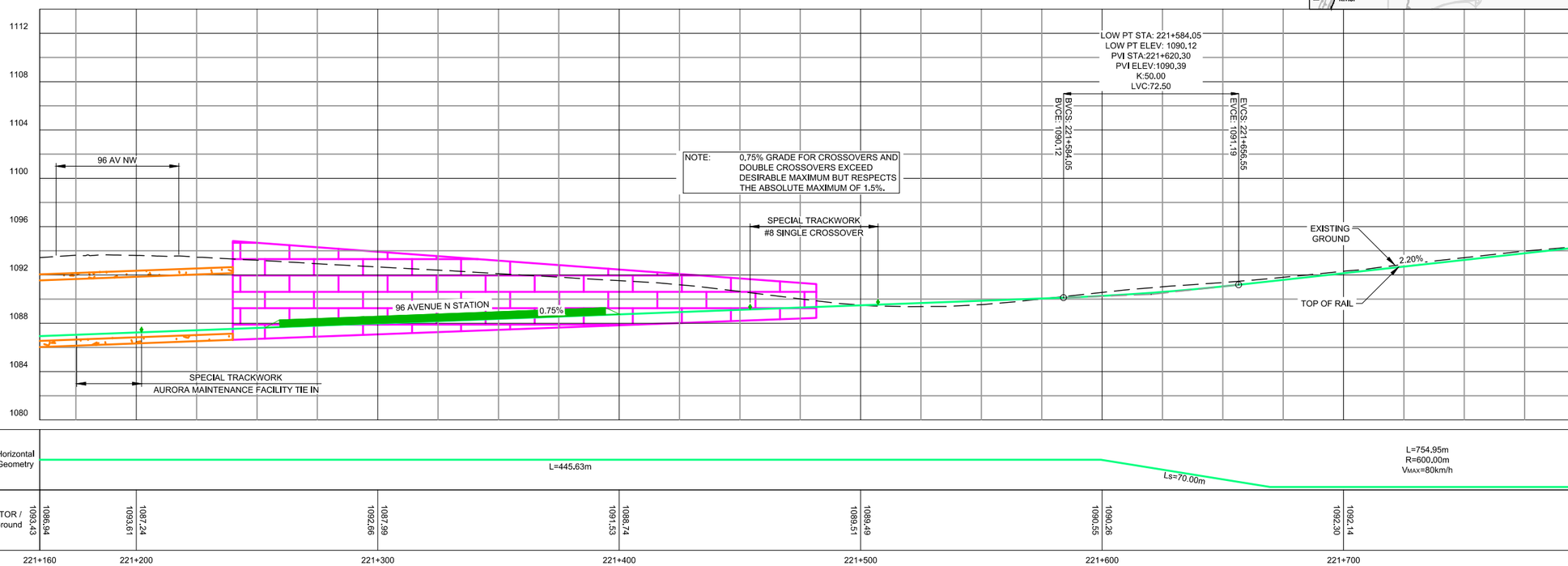
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 220+600.00 - STA 221+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1021	C
DATE: 2016/12/15	SHEET: 24 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

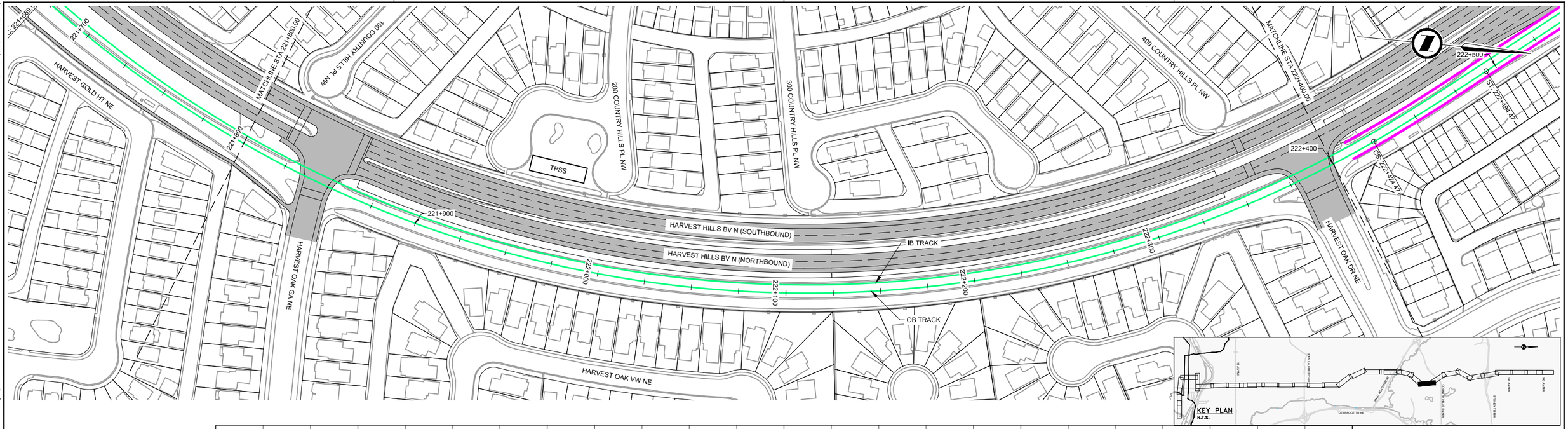
Calgary

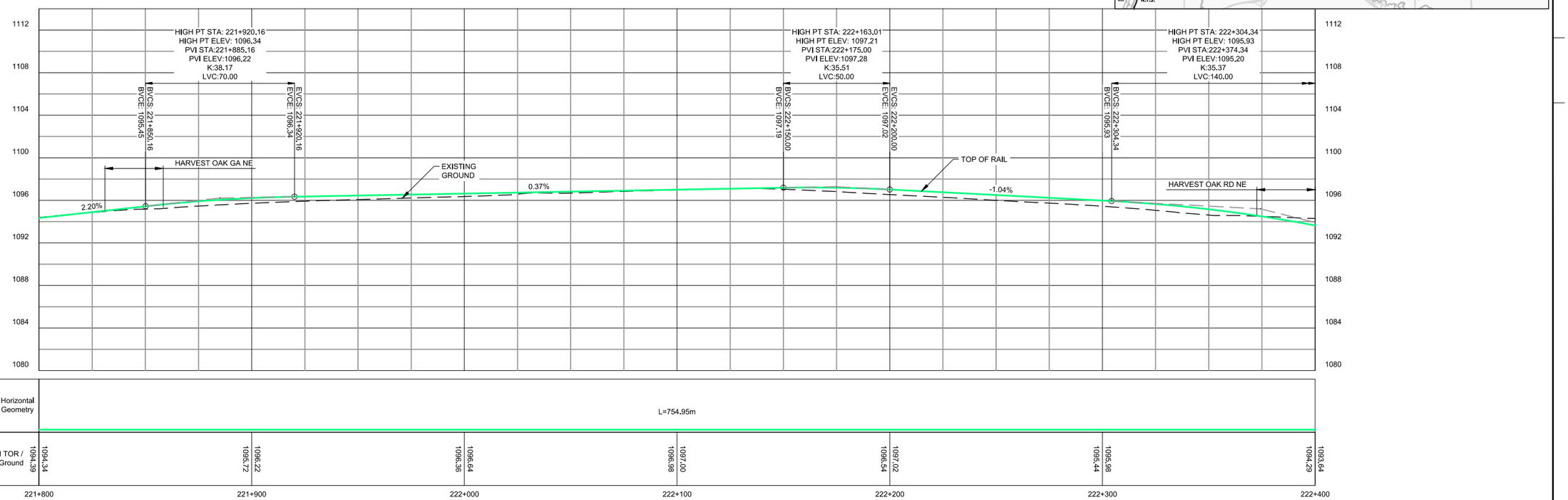
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 221+160.00 - STA 221+800.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1022	D
DATE: 2016/12/15	SHEET: 25 of 35		

PLOT DATE: May 30, 2017 - 12:02 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:03 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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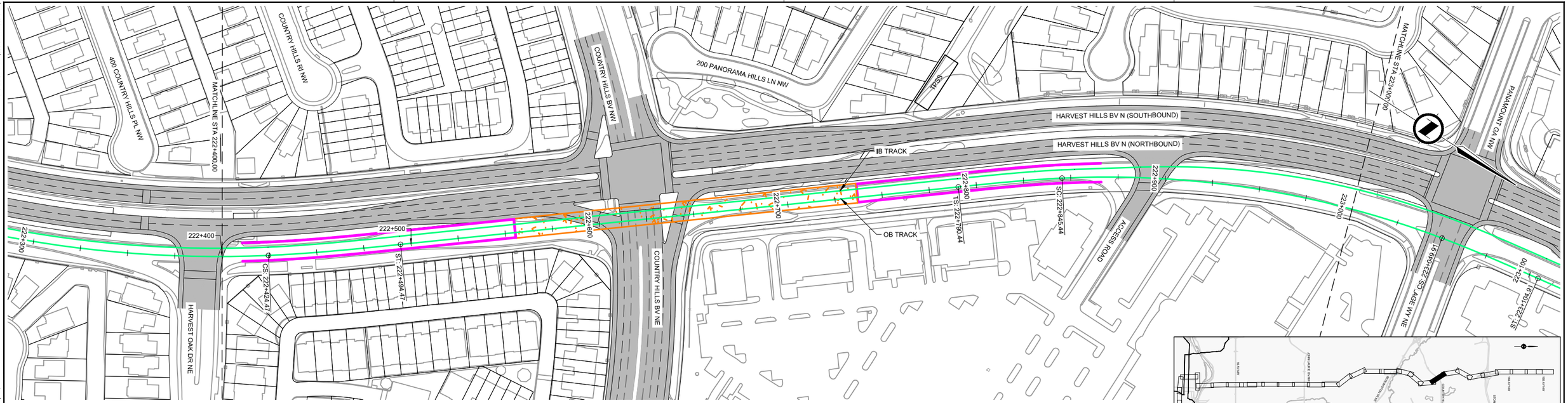
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1023	K.H.
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C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

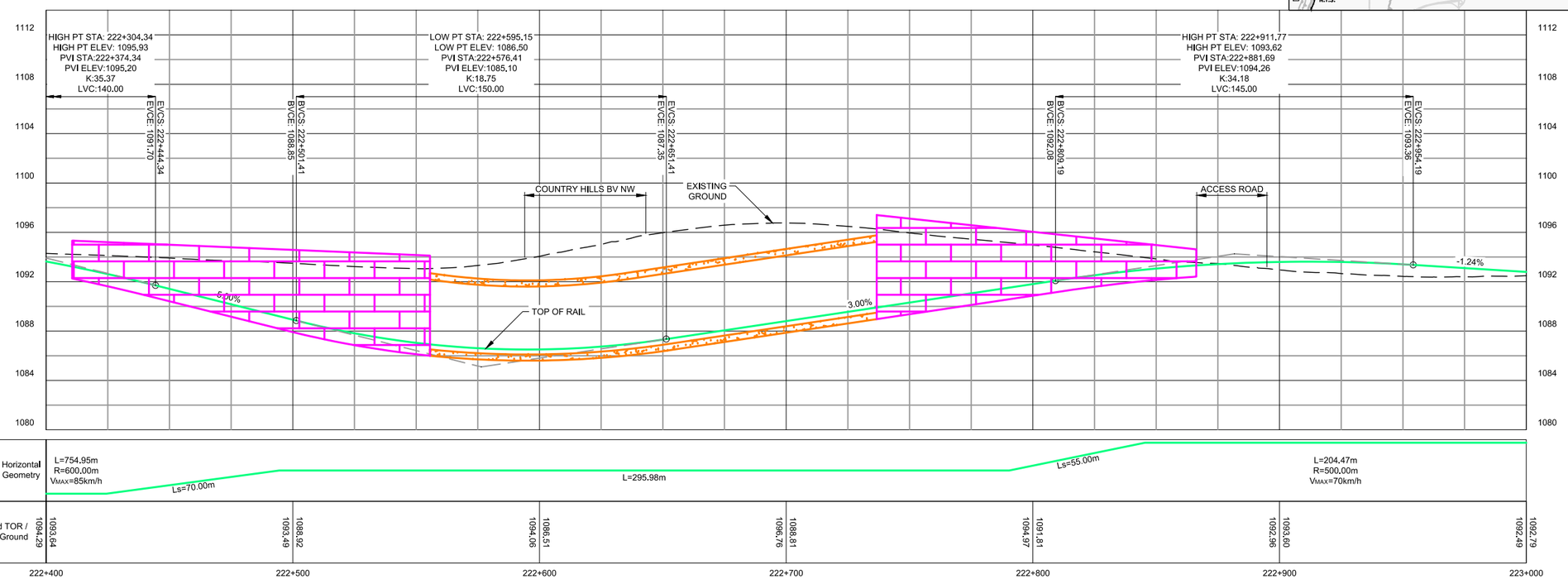
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 221+800.00 - STA 222+400.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1023	D
DATE: 2016/12/15	SHEET: 26 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:03 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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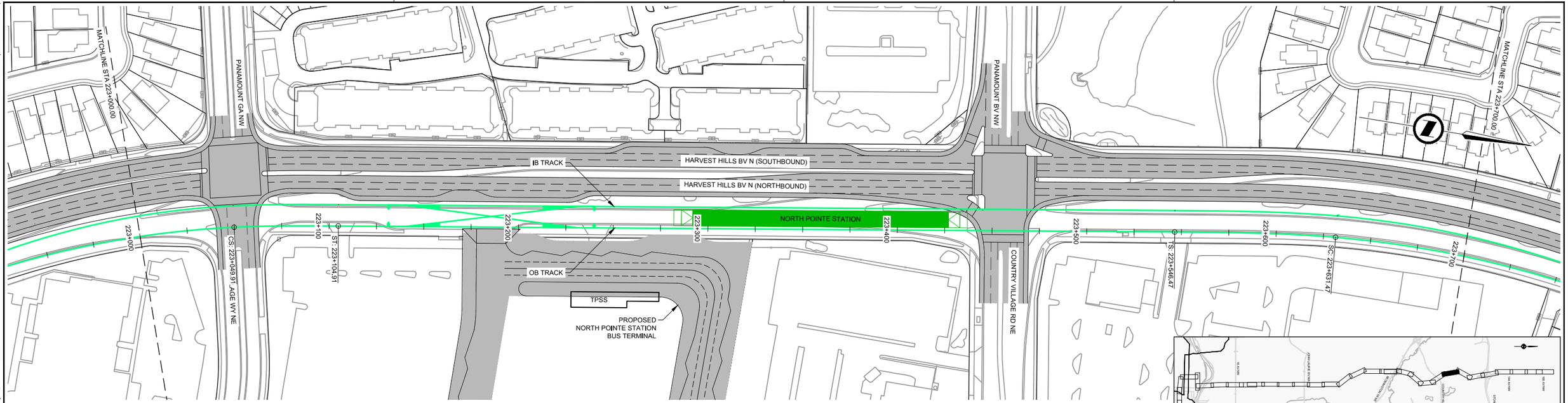
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1024	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

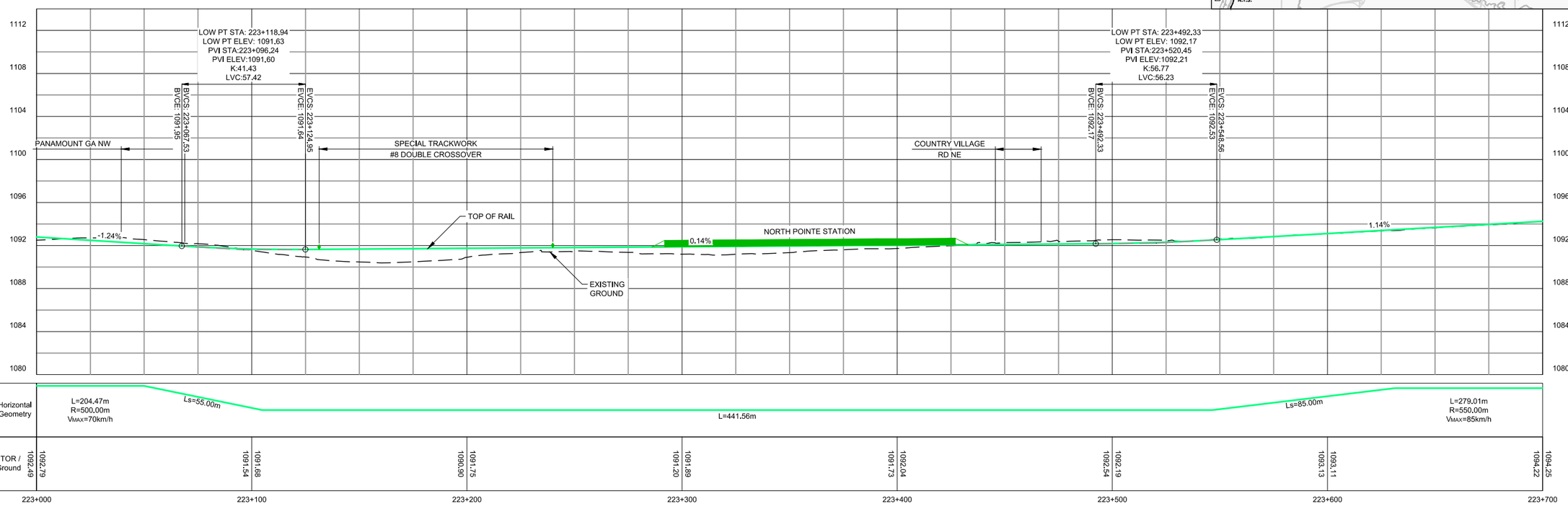
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 222+400.00 - STA 223+000.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1024	D
DATE: 2016/12/15	SHEET: 27 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

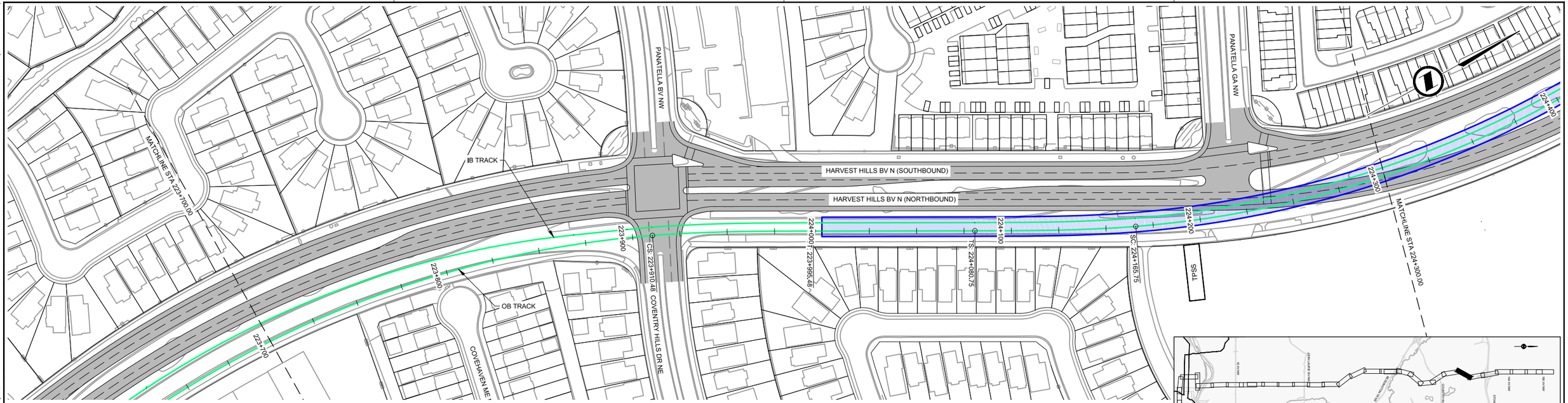
Calgary

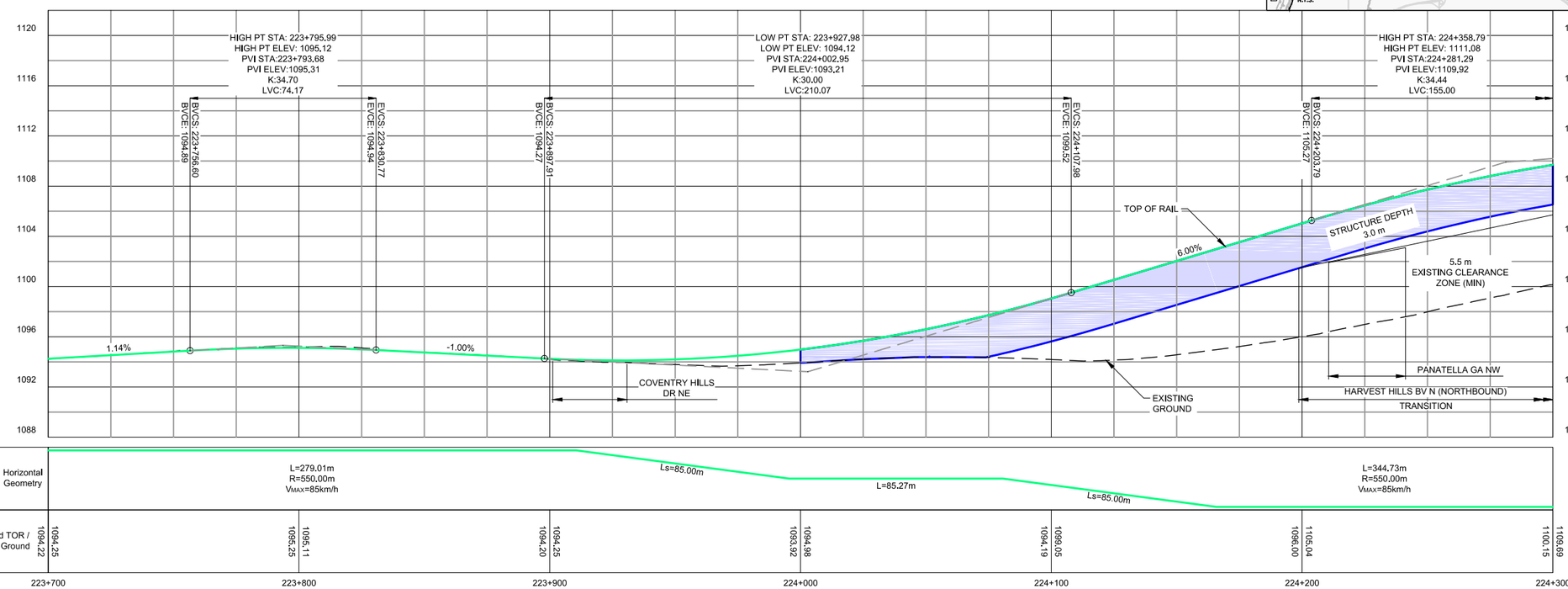
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 223+000.00 - STA 223+700.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1025	D
DATE: 2016/12/15	SHEET: 28 of 35		

PLOT DATE: May 30, 2017 - 12:03 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:04 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

NOTES:

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NO. P03481
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HATCH PROJECT No. H-351173
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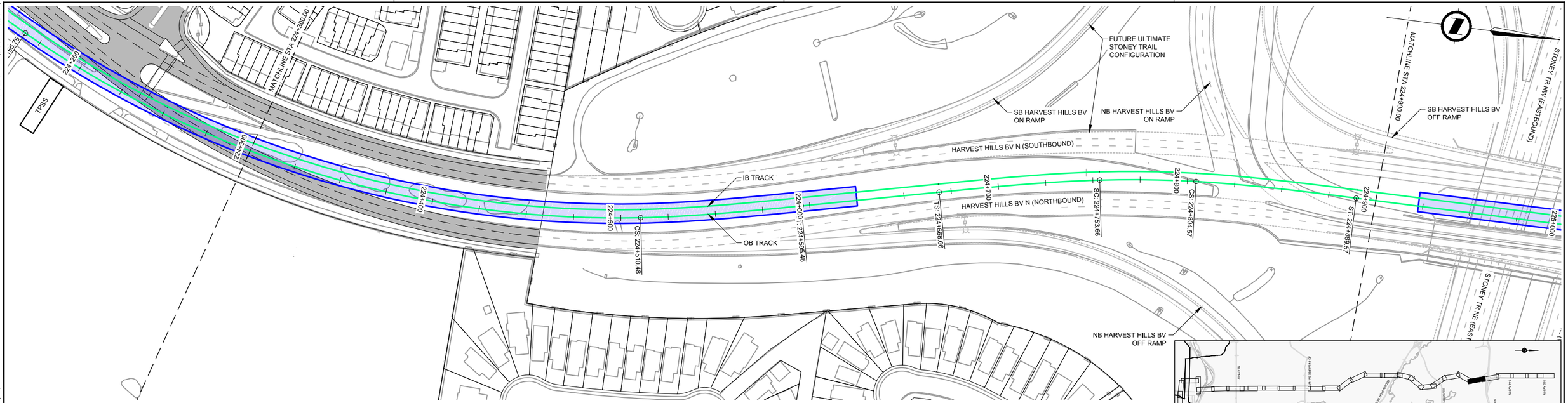
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1026	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

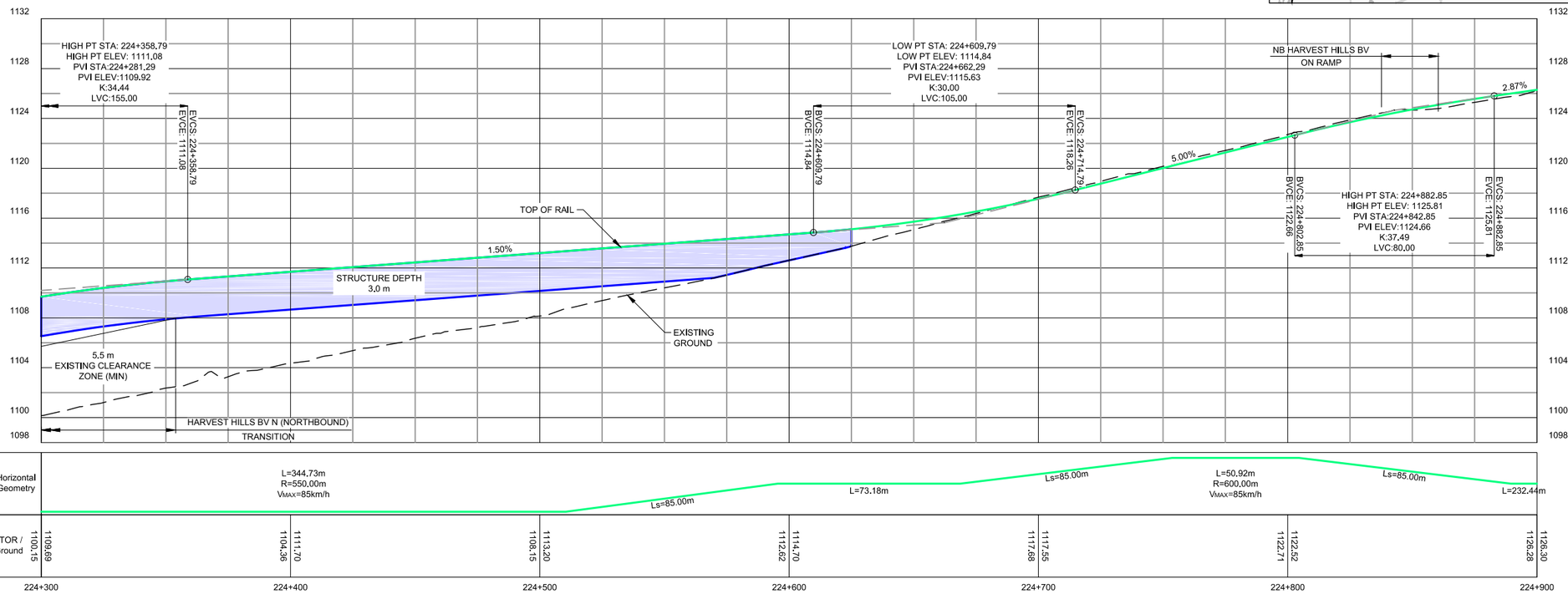
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 223+700.00 - STA 224+300.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1026	D
DATE: 2016/12/15	SHEET: 29 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:04 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





Horizontal Geometry	L=344,73m R=550,00m V_{MAX}=85km/h	Ls=85.00m	L=73.18m	Ls=85.00m	L=50,92m R=600,00m V_{MAX}=85km/h	Ls=85.00m	L=232.44m
Proposed TOR / Existing Ground	1109.69 / 1100.15	1111.70 / 1104.36	1113.20 / 1108.15	1112.62 / 1114.70	1117.68 / 1117.55	1122.52 / 1122.71	1126.30 / 1126.28
	224+300	224+400	224+500	224+600	224+700	224+800	224+900

HORIZONTAL SCALE 1:1000 (20 0 20 40 60 80 100 m)
VERTICAL SCALE 1:200 (4 0 4 8 12 16 20 m)

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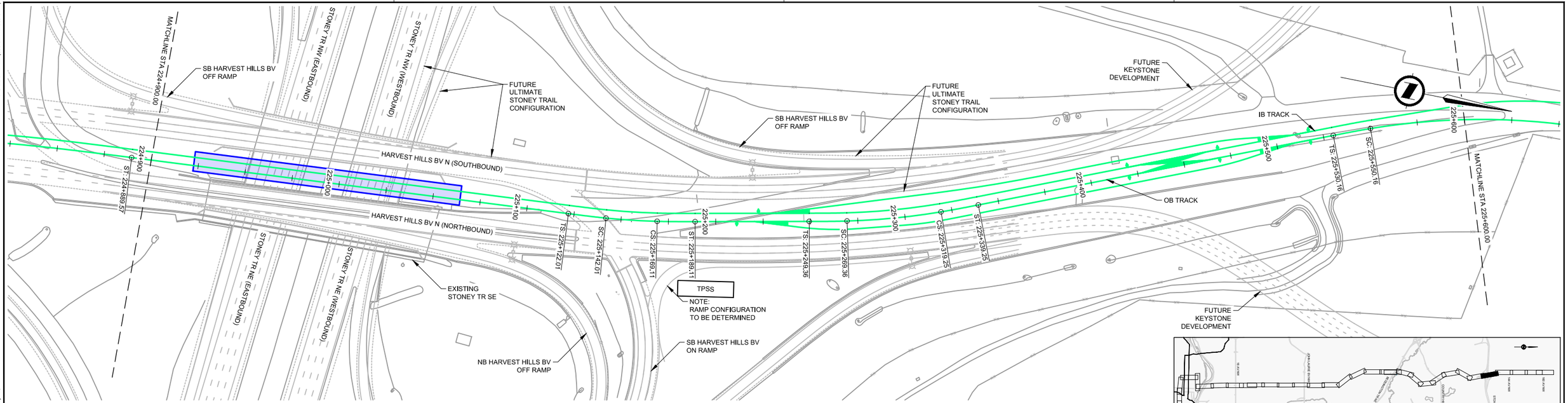
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1027	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

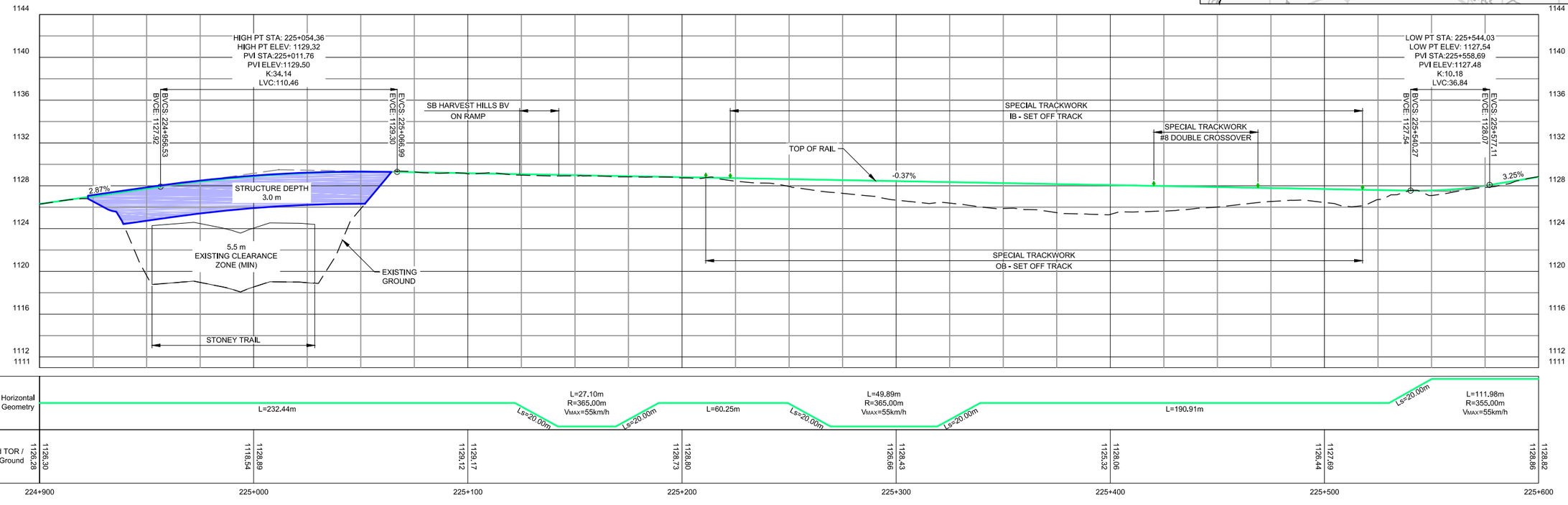
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 224+300.00 - STA 224+900.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1027	D
DATE: 2016/12/15	SHEET: 30 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:05 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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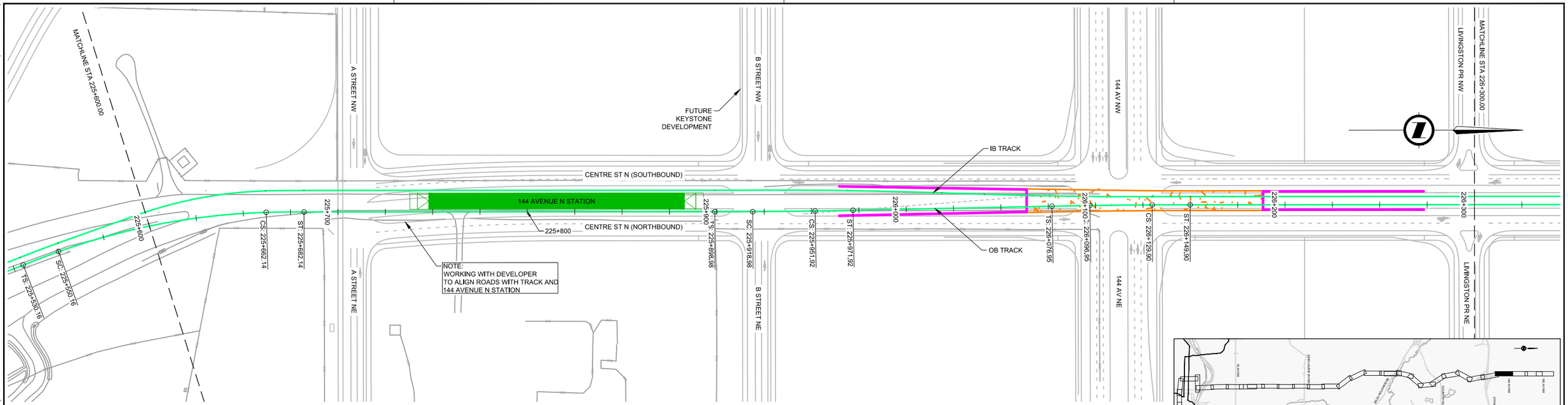
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1028	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

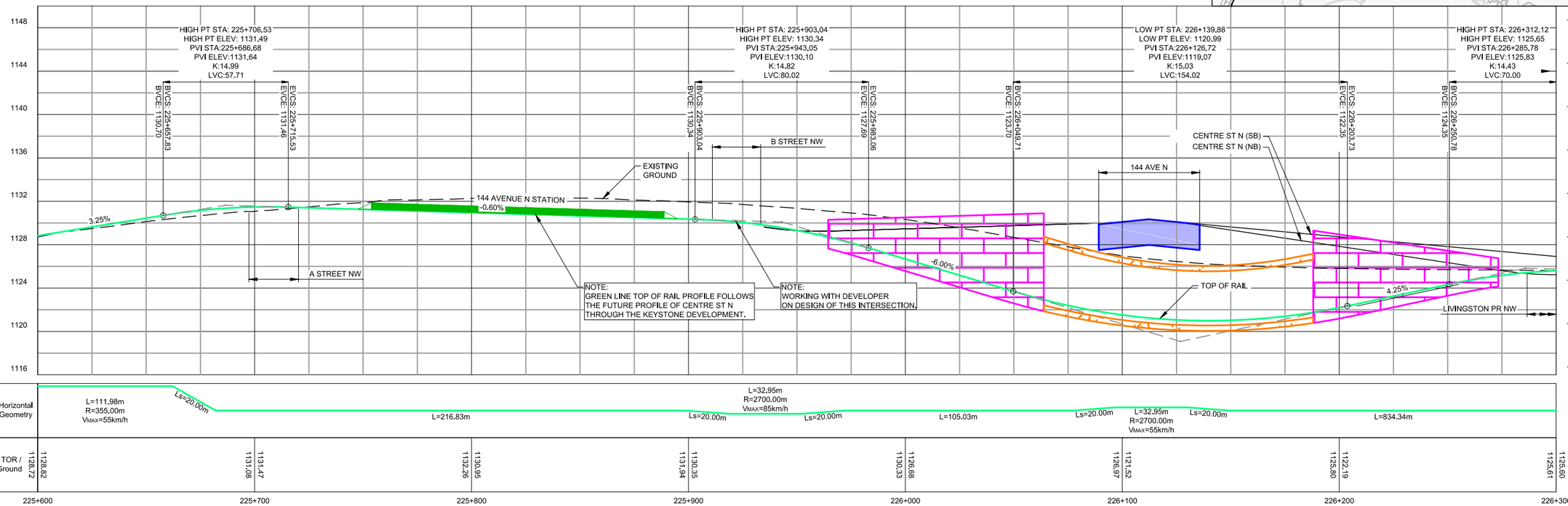
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 224+900.00 - STA 225+600.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1028	D
DATE: 2016/12/15	SHEET: 31 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:05 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m
VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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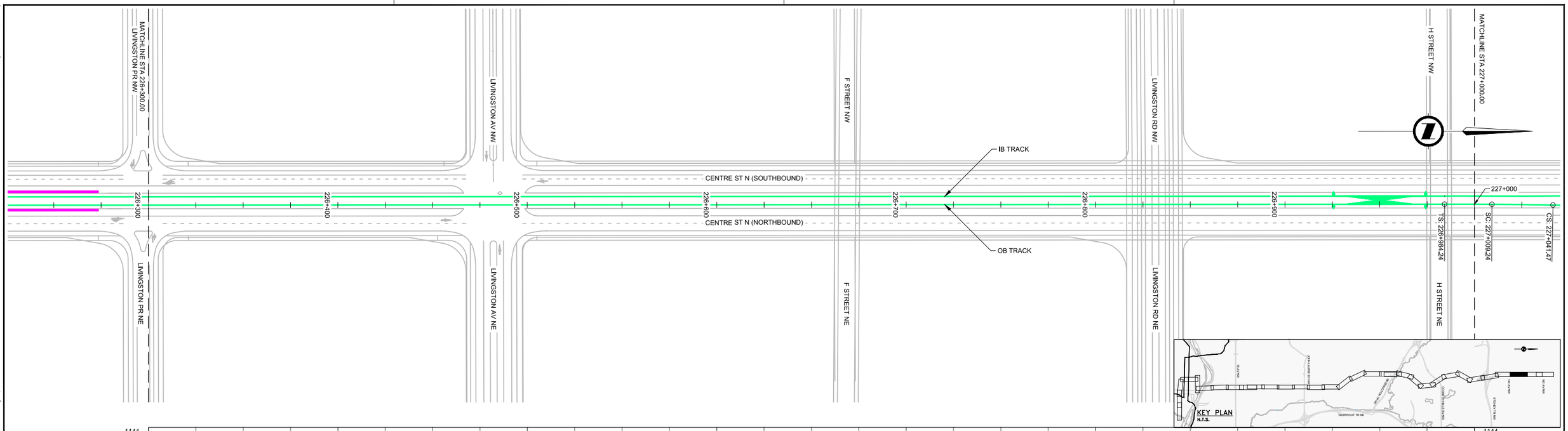
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1029	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 225+600.00 - STA 226+300.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1029	D
DATE: 2016/12/15	SHEET: 32 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:05 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg



HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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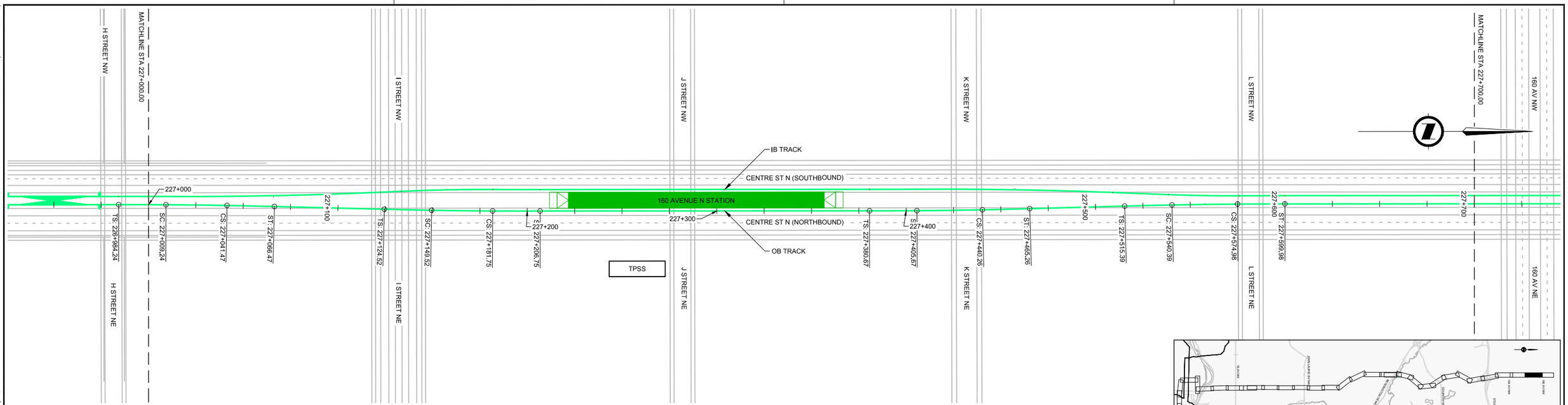
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1030	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 226+300.00 - STA 227+000.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1030	D
DATE: 2016/12/15	SHEET: 33 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:06 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg



HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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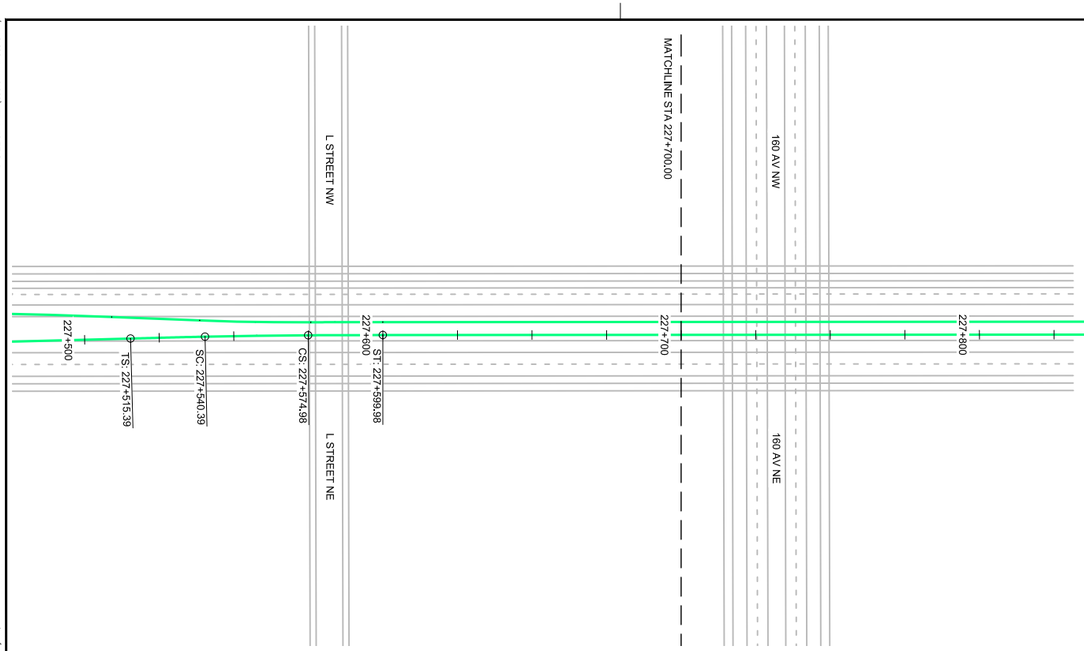
REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1031	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

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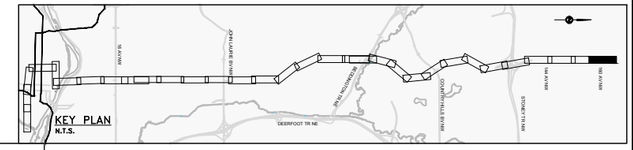
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 227+000.00 - STA 227+700.00

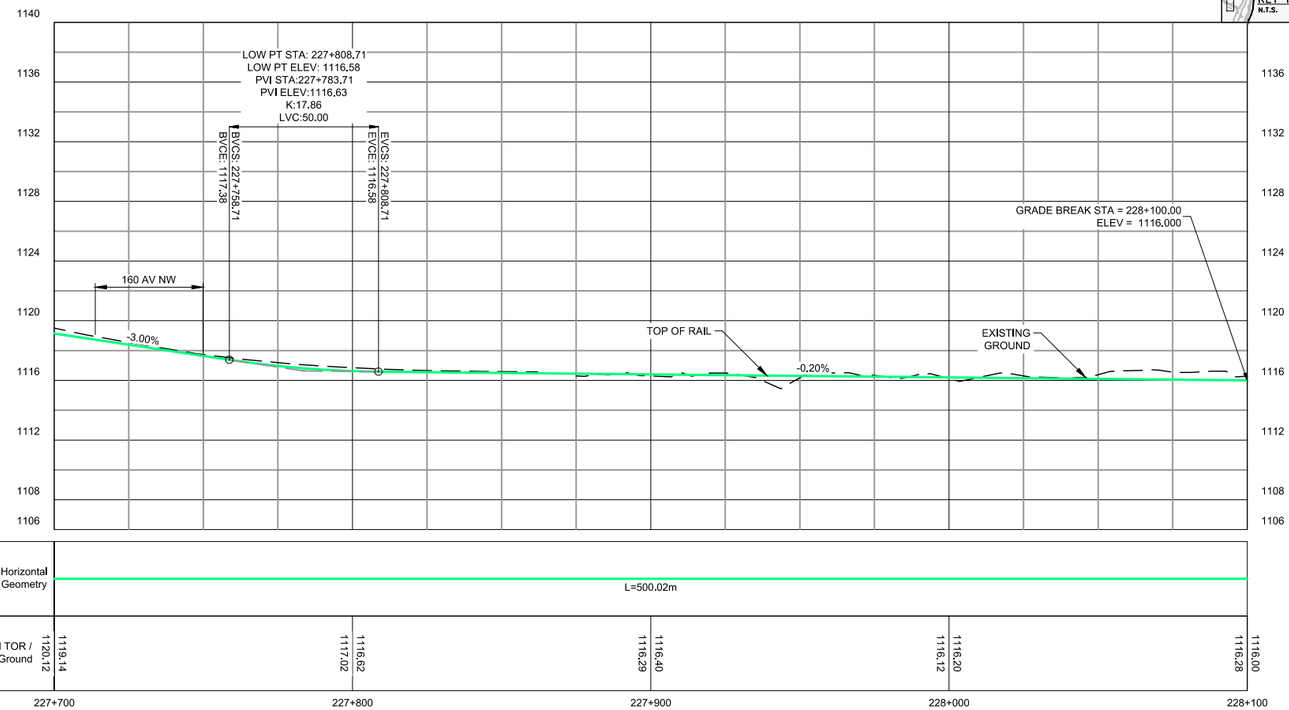
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1031	D
DATE: 2016/12/15	SHEET: 34 of 35		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 12:06 PM
CAD FILE: 351173-TS-DWG-N3-FP-AL1020.dwg



NOTE: DIGITAL AERIAL SURVEY INFORMATION LIMITED. INFORMATION TO BE UPDATED WHEN AVAILABLE.





HORIZONTAL SCALE 1:1000 20 0 20 40 60 80 100 m

VERTICAL SCALE 1:200 4 0 4 8 12 16 20 m

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REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/12/15	Supercedes Drawing: 357549-TS-DWG-N3-FP-AL1032	K.H.
B	2017/03/08	Issued for Inter-Disciplinary Review	K.H.
C	2017/05/01	Issued for Functional Design Report	K.H.
D	2017/05/30	Issued for Council Report	K.H.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 227+700.00 - STA 228+100.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
J. RICHARD	N. AGUILA	H-351173-TS-DWG-N3-FP-AL1032	D
DATE: 2016/12/15	SHEET: 35 of 35		

GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS

ISSUED FOR COUNCIL REPORT

PACKAGE NUMBER: H-351173-TS-DWG-S0-RD-GE0001 VER:B

HATCH

DWG. BY: N. AGUILA	CHK. BY: A. TRAYLEN	CAD FILE: H-351173-TS-DWG-S0-RD-AL0001
DATE: 2017/05/30	SHEET: 1 of 78	PLOT DATE: May 30, 2017 - 4:55 PM

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 5:32 PM

CAD FILE: H-351173-TS-DWG-S0-RD-AL0002.dwg

DRAWING NUMBER	DRAWING TITLE	REVISION
H-351173-TS-DWG-S0-RD-AL0001	LRT PLAN AND PROFILE COVER SHEET	B
H-351173-TS-DWG-S0-RD-AL0002	LRT PLAN AND PROFILES - DRAWING LIST	D
H-351173-TS-DWG-S0-RD-AL0003	LRT PLAN AND PROFILE DRAWINGS - LEGEND PAGE AND GENERAL NOTES	C
H-351173-TS-DWG-S1-RD-AL1001	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 0+000.00 - STA 0+360.00	D
H-351173-TS-DWG-S1-RD-AL1002	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 0+360.00 - STA 0+720.00	C
H-351173-TS-DWG-S1-RD-AL1003	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 0+720.00 - STA 1+080.00	C
H-351173-TS-DWG-S1-RD-AL1004	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 1+080.00 - STA 1+440.00	C
H-351173-TS-DWG-S1-RD-AL1005	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 1+440.00 - STA 1+800.00	C
H-351173-TS-DWG-S1-RD-AL1006	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 1+800.00 - STA 2+160.00	C
H-351173-TS-DWG-S1-RD-AL1007	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 2+160.00 - STA 2+520.00	C
H-351173-TS-DWG-S1-RD-AL1008	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 2+520.00 - STA 2+880.00	C
H-351173-TS-DWG-S1-RD-AL1009	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 2+880.00 - STA 3+240.00	C
H-351173-TS-DWG-S1-RD-AL1010	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 3+240.00 - STA 3+400.00	C
H-351173-TS-DWG-S1-RD-AL1011	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 3+400.00 - STA 3+700.00	C
H-351173-TS-DWG-S1-RD-AL1012	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 3+700.00 - STA 3+960.00	C
H-351173-TS-DWG-S1-RD-AL1013	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 3+960.00 - STA 4+320.00	C
H-351173-TS-DWG-S1-RD-AL1014	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 4+320.00 - STA 4+680.00	C
H-351173-TS-DWG-S1-RD-AL1015	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 4+680.00 - STA 5+040.00	D
H-351173-TS-DWG-S1-RD-AL1016	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 5+040.00 - STA 5+400.00	D
H-351173-TS-DWG-S1-RD-AL1017	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 5+400.00 - STA 5+757.09	D
H-351173-TS-DWG-S2-RD-AL1001	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 10+000.00 - STA 10+300.00	D
H-351173-TS-DWG-S2-RD-AL1002	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 10+300.00 - STA 10+600.00	D
H-351173-TS-DWG-S2-RD-AL1003	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 10+600.00 - STA 10+870.00	C
H-351173-TS-DWG-S2-RD-AL1004	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 10+870.00 - STA 11+240.00	D
H-351173-TS-DWG-S2-RD-AL1005	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 11+240.00 - STA 11+610.00	C
H-351173-TS-DWG-S2-RD-AL1006	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 11+610.00 - STA 11+950.00	C
H-351173-TS-DWG-S2-RD-AL1007	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 11+950.00 - STA 12+270.00	C
H-351173-TS-DWG-S2-RD-AL1008	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 12+270.00 - STA 12+620.00	C
H-351173-TS-DWG-S2-RD-AL1009	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 12+620.00 - STA 12+975.00	C
H-351173-TS-DWG-S2-RD-AL1010	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 12+975.00 - STA 13+330.00	D
H-351173-TS-DWG-S2-RD-AL1011	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 13+330.00 - STA 13+600.00	C
H-351173-TS-DWG-S2-RD-AL1012	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 13+600.00 - STA 13+875.00	C
H-351173-TS-DWG-S2-RD-AL1013	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 13+875.00 - STA 14+160.00	C
H-351173-TS-DWG-S2-RD-AL1014	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 14+160.00 - STA 14+450.00	C
H-351173-TS-DWG-S2-RD-AL1015	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 14+450.00 - STA 14+800.00	C
H-351173-TS-DWG-S2-RD-AL1016	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 14+800.00 - STA 15+160.00	C
H-351173-TS-DWG-S2-RD-AL1017	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 15+160.00 - STA 15+400.00	C
H-351173-TS-DWG-S2-RD-AL1018	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 15+400.00 - STA 15+640.00	C
H-351173-TS-DWG-S2-RD-AL1019	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 15+640.00 - STA 15+870.00	C
H-351173-TS-DWG-S2-RD-AL1020	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 15+870.00 - STA 16+180.00	C
H-351173-TS-DWG-S2-RD-AL1021	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 16+180.00 - STA 16+430.00	C
H-351173-TS-DWG-S2-RD-AL1022	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 16+430.00 - STA 16+700.00	C
H-351173-TS-DWG-S2-RD-AL1023	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 16+700.00 - STA 17+050.00	C
H-351173-TS-DWG-S2-RD-AL1024	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 17+050.00 - STA 17+352.21	C

DRAWING NUMBER	DRAWING TITLE	REVISION
H-351173-TS-DWG-S3-RD-AL1001	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 20+000.00 - STA 20+360.00	C
H-351173-TS-DWG-S3-RD-AL1002	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 20+360.00 - STA 20+720.00	C
H-351173-TS-DWG-S3-RD-AL1003	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 20+720.00 - STA 21+080.00	C
H-351173-TS-DWG-S3-RD-AL1004	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 21+080.00 - STA 21+440.00	C
H-351173-TS-DWG-S3-RD-AL1005	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 21+440.00 - STA 21+800.00	C
H-351173-TS-DWG-S3-RD-AL1006	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 21+800.00 - STA 22+160.00	C
H-351173-TS-DWG-S3-RD-AL1007	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 22+160.00 - STA 22+520.00	C
H-351173-TS-DWG-S3-RD-AL1008	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 22+520.00 - STA 22+880.00	C
H-351173-TS-DWG-S3-RD-AL1009	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 22+880.00 - STA 23+240.00	C
H-351173-TS-DWG-S3-RD-AL1010	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 23+240.00 - STA 23+600.00	C
H-351173-TS-DWG-S3-RD-AL1011	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 23+600.00 - STA 23+960.00	C
H-351173-TS-DWG-S3-RD-AL1012	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 23+960.00 - STA 24+320.00	C
H-351173-TS-DWG-S3-RD-AL1013	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 24+320.00 - STA 24+680.00	C
H-351173-TS-DWG-S3-RD-AL1014	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 24+680.00 - STA 25+040.00	C
H-351173-TS-DWG-S3-RD-AL1015	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 25+040.00 - STA 25+295.48	C
H-351173-TS-DWG-S3-RD-AL1016	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 25+295.48 - STA 25+504.18	C
H-351173-TS-DWG-S3-RD-AL1017	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 25+504.18 - STA 25+760.00	C
H-351173-TS-DWG-S3-RD-AL1018	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 25+760.00 - STA 26+120.00	C
H-351173-TS-DWG-S3-RD-AL1019	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 26+120.00 - STA 26+480.00	C
H-351173-TS-DWG-S3-RD-AL1020	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 26+480.00 - STA 26+840.00	C
H-351173-TS-DWG-S3-RD-AL1021	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 26+840.00 - STA 27+200.00	C
H-351173-TS-DWG-S3-RD-AL1022	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 27+200.00 - STA 27+560.00	C
H-351173-TS-DWG-S3-RD-AL1023	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 27+560.00 - STA 27+920.00	C
H-351173-TS-DWG-S3-RD-AL1024	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 27+920.00 - STA 28+280.00	C
H-351173-TS-DWG-S3-RD-AL1025	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 28+280.00 - STA 28+640.00	C
H-351173-TS-DWG-S3-RD-AL1026	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 28+640.00 - STA 29+000.00	C
H-351173-TS-DWG-S3-RD-AL1027	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 29+000.00 - STA 29+360.00	C
H-351173-TS-DWG-S3-RD-AL1028	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 29+360.00 - STA 29+720.00	C
H-351173-TS-DWG-S3-RD-AL1029	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 29+720.00 - STA 30+080.00	C
H-351173-TS-DWG-S3-RD-AL1030	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 30+080.00 - STA 30+440.00	C
H-351173-TS-DWG-S3-RD-AL1031	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 30+440.00 - STA 30+800.00	C
H-351173-TS-DWG-S3-RD-AL1032	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 30+800.00 - STA 31+160.00	C
H-351173-TS-DWG-S3-RD-AL1033	TRACK PLAN AND PROFILE - OUTBOUND TRACK - STA 31+160.00 - STA 31+502.53	C
H-351173-TS-DWG-S3-RD-AL1034	TRACK PLAN - SHEPARD MAINTENANCE FACILITY	B

NOTES:

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HATCH PROJECT No. H-351173

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REV.	DATE	ISSUED FOR	AUTH. BY
A	2016/10/25	Supercedes Drawing: 333297-TR-100-S0-LRT-0002	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Report	P.T.

Calgary

GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS
DRAWING LIST

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S0-RD-AL0002	D
DATE: 2017/02/17	SHEET: 2 of 78		

D SIZE: 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: June 12, 2017 - 2:57 PM

LEGEND:

TRANSITWAY

- CENTRE LINE OF PROPOSED LRT TRACK
- #8 TURNOUT
- #8 DOUBLE CROSSOVER OR # 12 DOUBLE CROSSOVER
- #8 SINGLE CROSSOVER
- GL-SE OPERATING BOUNDARY
- GL-SE PROJECT LIMITS
- LRT STATION PLATFORM AND FUTURE PLATFORM EXTENSION
- POINT OF SWITCH
- GEOMETRY DEFLECTION POINTS

STRUCTURAL

- LRT PROPOSED TRENCH
- LRT PROPOSED TUNNEL
- PROPOSED RETAINING WALL
- LRT PROPOSED BRIDGE

MISCELLANEOUS EXISTING FEATURES

- CHAIN LINK FENCE
- BARBED WIRE FENCE
- POST AND CABLE FENCE
- FENCE (OTHER)
- RAILWAY TRACK

NOTES:

GENERAL NOTES:

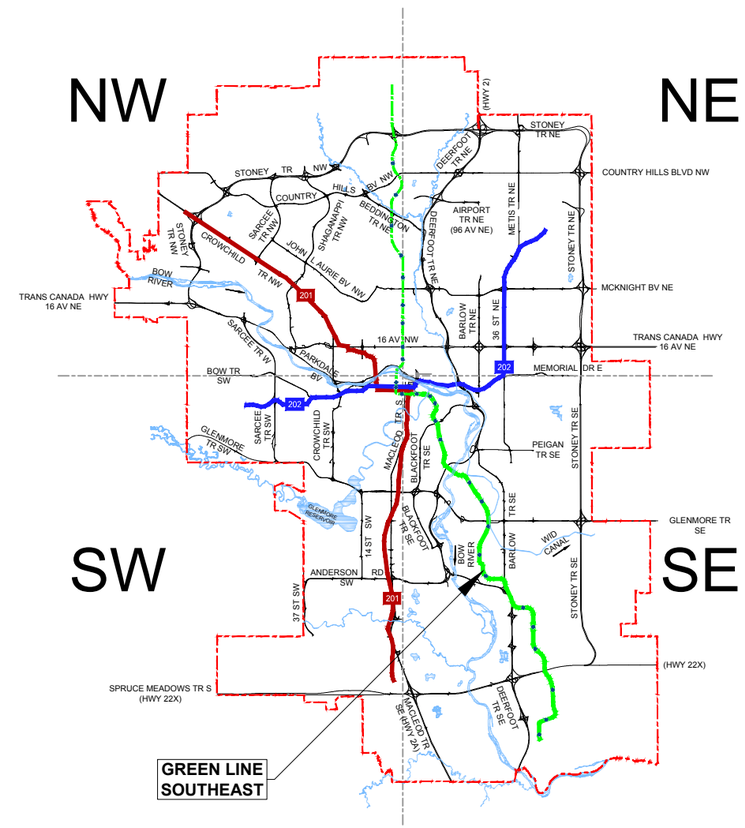
1. PRIMARY OBJECTIVE OF THE FOLLOWING REPORT IS TO INFORM THE PROCUREMENT PHASE.
2. THE PRELIMINARY DESIGN SHOWN WITHIN THIS REPORT IS SUBJECT TO CHANGE DURING FURTHER DESIGN DEVELOPMENT INFORMED BY ADDITIONAL INFORMATION FROM MULTIPLE SOURCES INCLUDING; ADDITIONAL PUBLIC ENGAGEMENT, VALUE ENGINEERING, TECHNICAL REQUIREMENTS AND LAND ACQUISITION.
3. DETAILS OF THE ASSOCIATED SUPPORTING INFRASTRUCTURE TO THE ALIGNMENT AND STATIONS REQUIRE FURTHER DESIGN DEVELOPMENT.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. STRUCTURAL DETAILS ARE ILLUSTRATIVE. EXACT STRUCTURAL DETAILS TO BE CONFIRMED.
6. THE COORDINATES FOR THE GREEN LINE LRT PROJECT ARE IN 3TM GRID COORDINATE SYSTEM BASE OF THE ATS GRID SYSTEM.
7. ALL STATIONING AND DIMENSIONS ARE IN METRIC UNITS.
8. ALL ELEVATIONS ARE IN METRES.
9. ALL ALIGNMENT GRADES ARE IN PERCENT (%).
10. ALL EARTHWORKS AND SLOPES ARE IN THE RATIO (i.e. 2:1 HOR:VERT)
11. ALL SURVEY NOTIONS ARE IN AZIMUTH.
12. STRUCTURAL LINES AND ROADWAY ELEVATIONS SHOWN ARE APPROXIMATE.

ABBREVIATIONS - HORIZONTAL GEOMETRY

CS	CURVE TO SPIRAL
I	TOTAL CENTRAL ANGLE, OR TOTAL DEFLECTION ANGLE
Δ /Dc	INTERIOR ANGLE OF CIRCULAR PORTION OF CURVE
Ec	EXTERNAL DISTANCE
k	DISTANCE FROM TS OR ST TO THE POINT AT WHICH THE TANGENT OF THE PROJECTION OF THE CIRCULAR CURVE IS PARALLEL TO THE TANGENT AT TS OR ST RESPECTIVELY.
Lc	LENGTH OF CIRCULAR CURVE
Ls	LENGTH OF SPIRAL
Lt.	LONG SPIRAL TANGENT
P	OFFSET CIRCULAR CURVE FROM TANGENT AT DISTANCE K FROM TS OR ST
TC	TANGENT TO CURVE
PI	POINT OF INTERSECTION
CT	CURVE TO TANGENT
R	RADIUS OF CURVE
SC	SPIRAL TO CURVE
ST	SPIRAL TO TANGENT
T	TANGENT LENGTH OF CIRCULAR PORTION OF CURVE
Tc	TANGENT LENGTH FROM TC/CT TO MAIN PI
θs	SPIRAL ANGLE
Ts	TANGENT LENGTH FROM TS TO MAIN PI
TS	TANGENT TO SPIRAL
X, Y	DISTANCE FROM TS TO SC AND FROM ST TO CS WHERE; "X" IS THE DIMENSION MEASURED PARALLEL TO THE TANGENT THROUGH TS OR ST AND "Y" IS THE DIMENSION PERPENDICULAR TO THE TANGENT.

ABBREVIATIONS - VERTICAL GEOMETRY

BVC	BEGINNING OF THE VERTICAL CURVE
PVI	VERTICAL POINT OF INTERSECTION
EVC	END OF THE VERTICAL CURVE
VC	LENGTH OF THE VERTICAL CURVE



KEY PLAN

N.T.S.

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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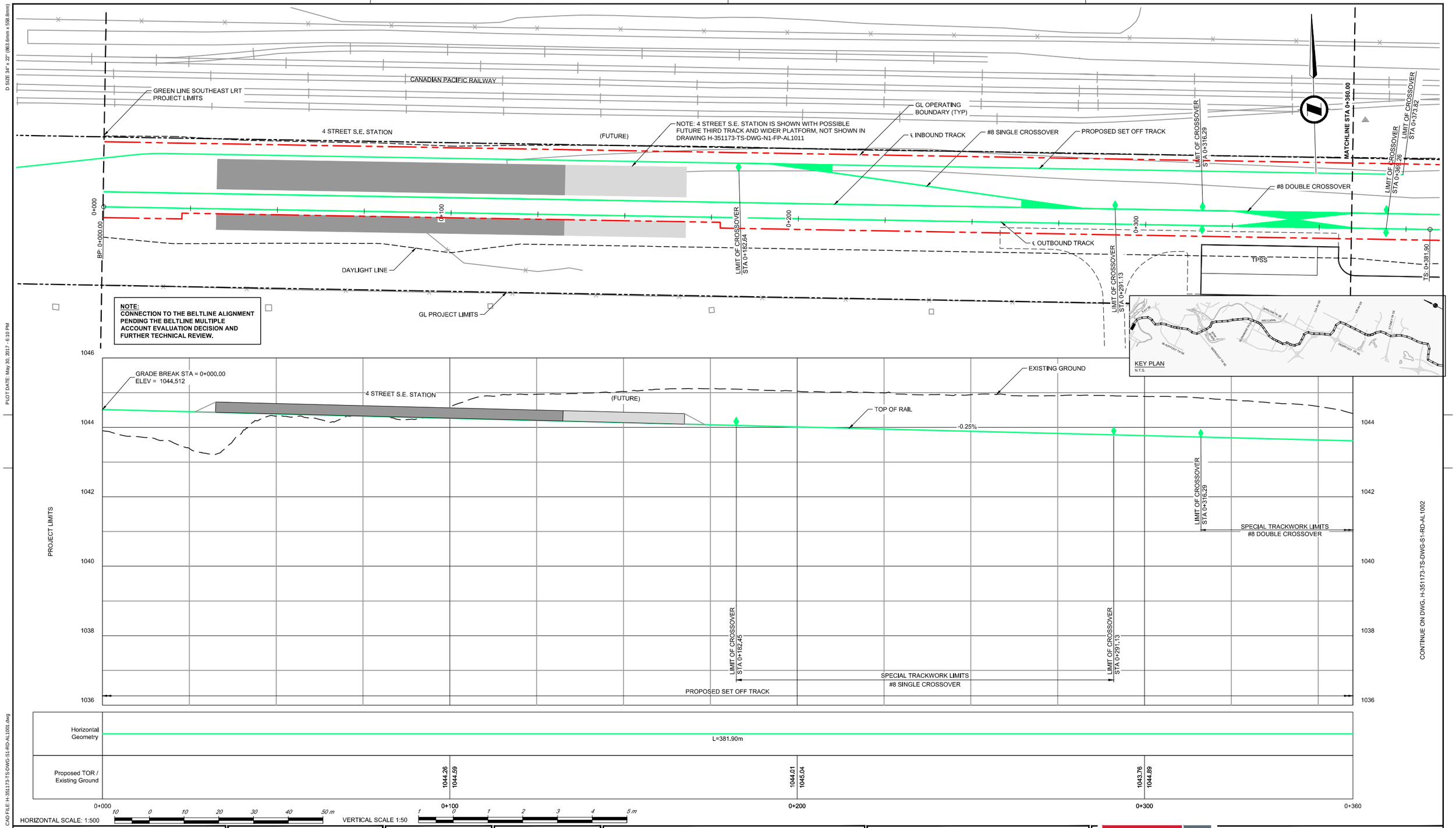
GREEN LINE LRT
LRT PLAN AND PROFILE DRAWINGS
LEGEND PAGE AND GENERAL NOTES

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S0-RD-AL0003	C
DATE: 2017/02/17	SHEET: 3 of 78		

CAD FILE: H-351173-TS-DWG-S0-RD-AL0003.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 6:10 PM



CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1002

CAD FILE H-351173-TS-DWG-S1-RD-AL1001.dwg

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C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

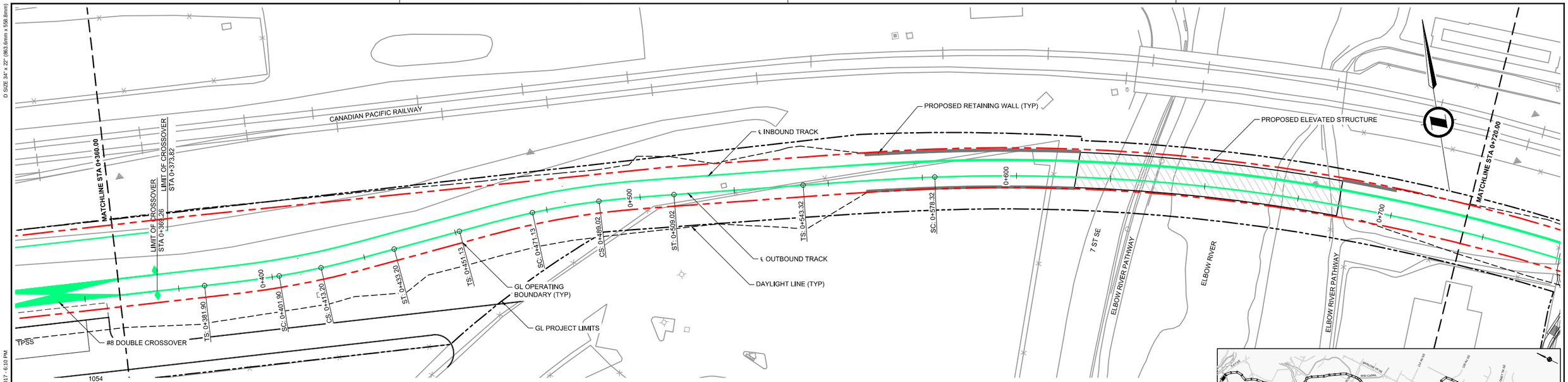
Calgary

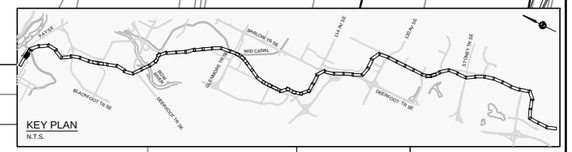
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 0+000.00 - STA 0+360.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S1-RD-AL1001	D
DATE: 2017/03/03	SHEET: 4 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 6:10 PM

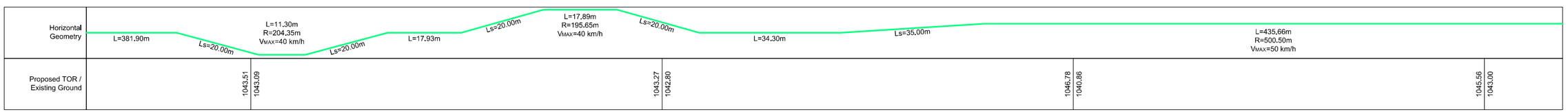




NOTE:
CONNECTION TO THE BELTLINE ALIGNMENT PENDING THE BELTLINE MULTIPLE ACCOUNT EVALUATION DECISION AND FURTHER TECHNICAL REVIEW.

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1001

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1003



HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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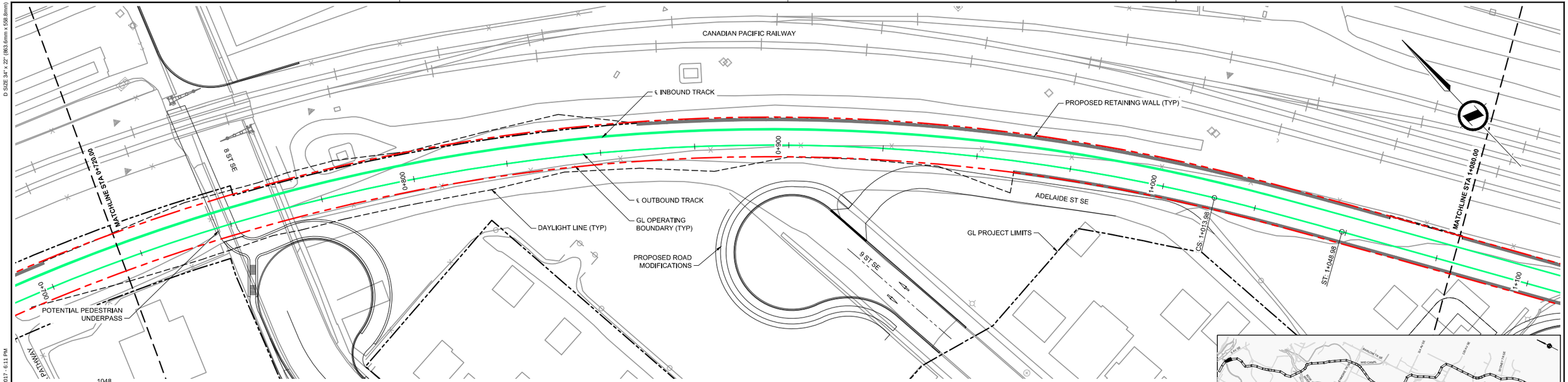
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 0+360.00 - STA 0+720.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S1-RD-AL1002	C
DATE: 2017/03/03	SHEET: 5 of 78		

CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 6:11 PM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1003.dwg



HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m) VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

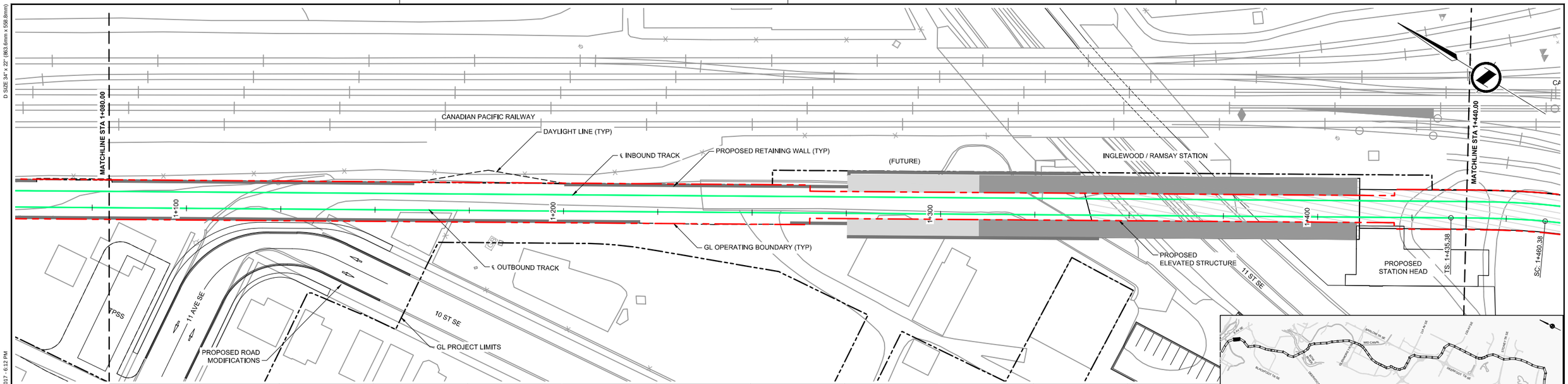
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 0+720.00 - STA 1+080.00

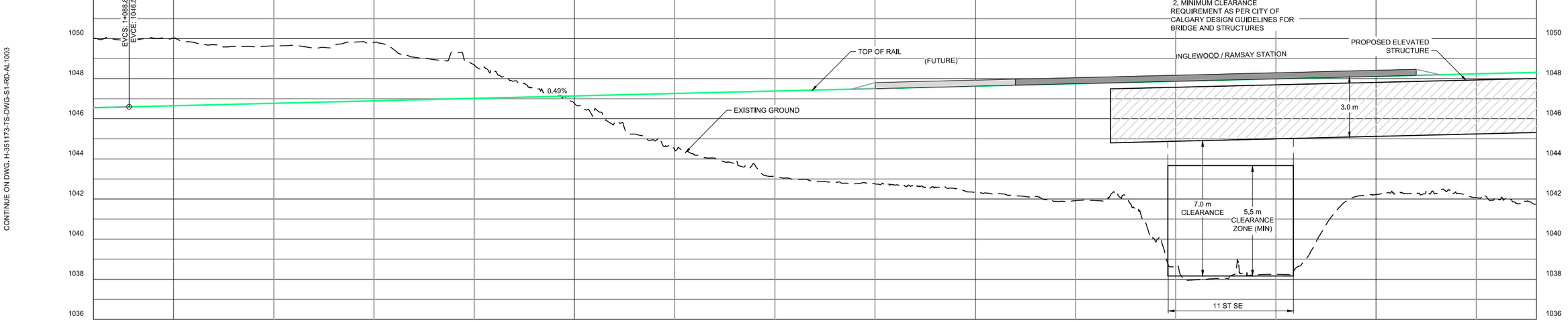
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1003	C
DATE: 2017/03/03	SHEET: 6 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 6:12 PM

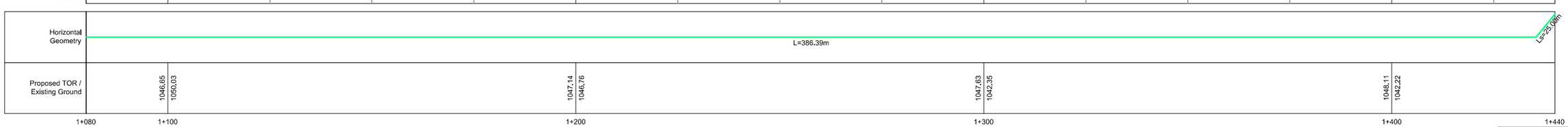


NOTES:
1. DISTANCE BETWEEN CLEARANCE ZONE AND STRUCTURE DEPTH IS DICTATED BY CLEARANCE OVER 20 AV SE AND CONSTRAINED HORIZONTAL GEOMETRY.
2. MINIMUM CLEARANCE REQUIREMENT AS PER CITY OF CALGARY DESIGN GUIDELINES FOR BRIDGE AND STRUCTURES



CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1003

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1005



HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg

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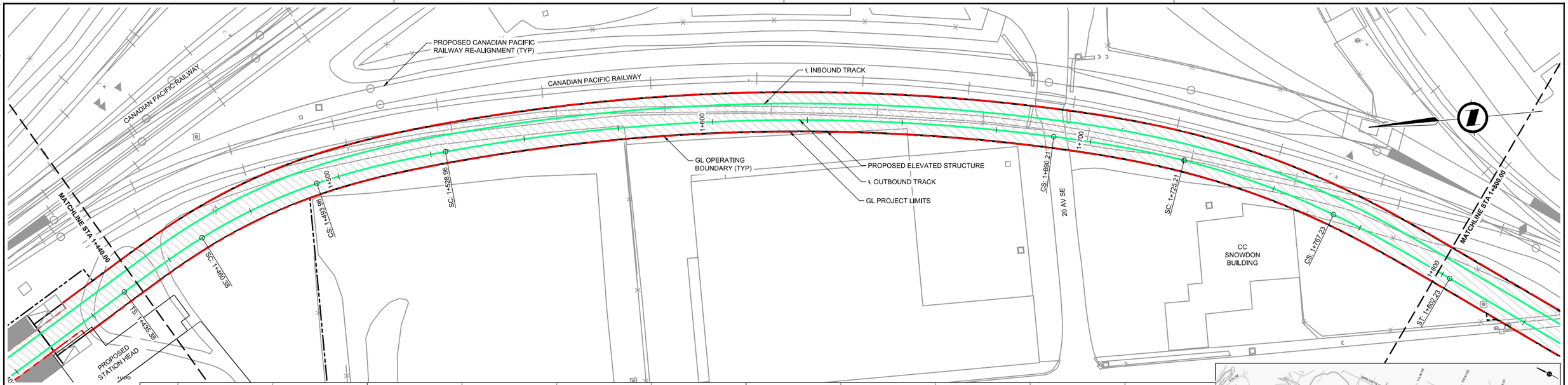
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 1+080.00 - STA 1+440.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1004	C
DATE: 2017/03/03	SHEET: 7 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:50 AM





CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1004
CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1006

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)
VERTICAL SCALE 1:100 (2 0 2 4 6 8 10 m)

DOUBLE VERTICAL SCALE

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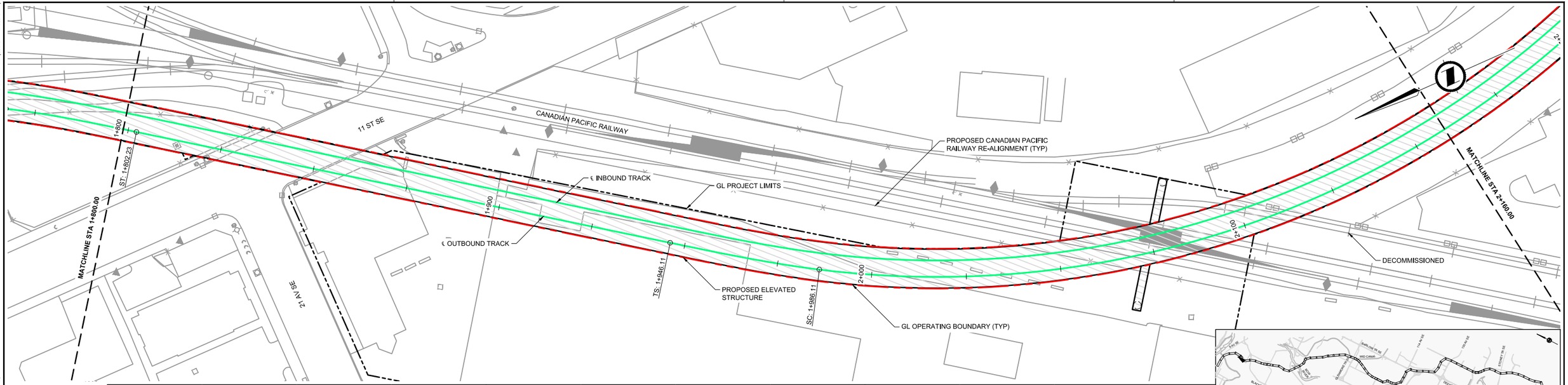
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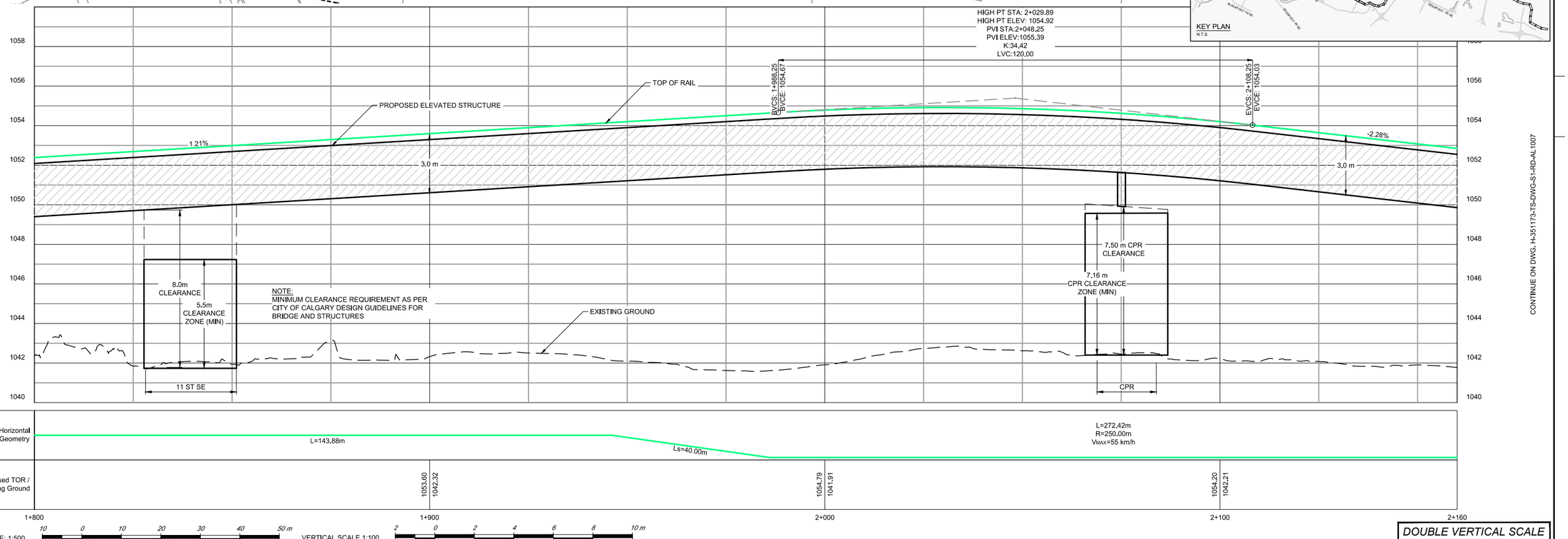
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 1+440.00 - STA 1+800.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1005	C
DATE: 2017/02/17	SHEET: 8 of 78		

CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:50 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1005
CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1007

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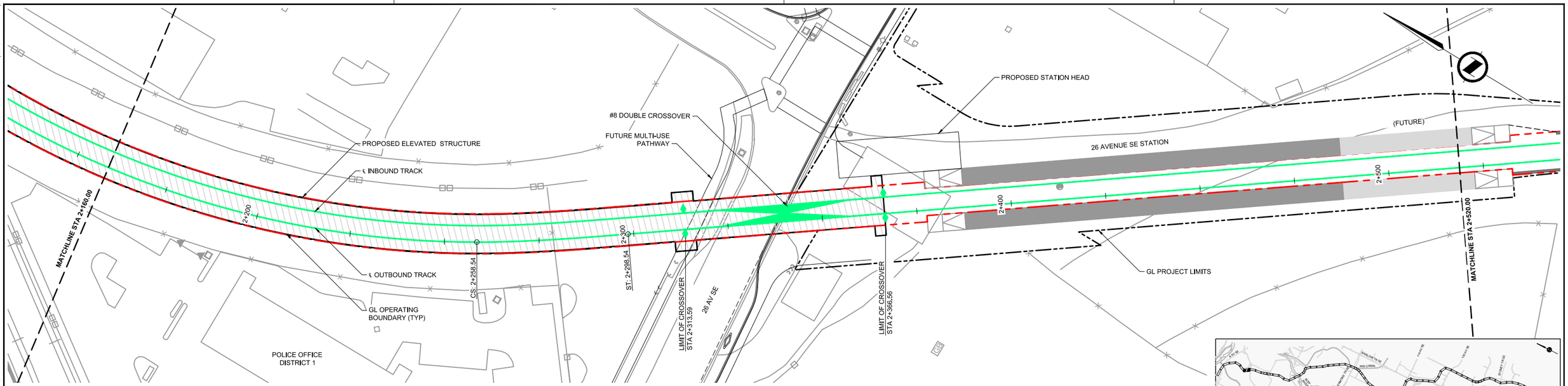
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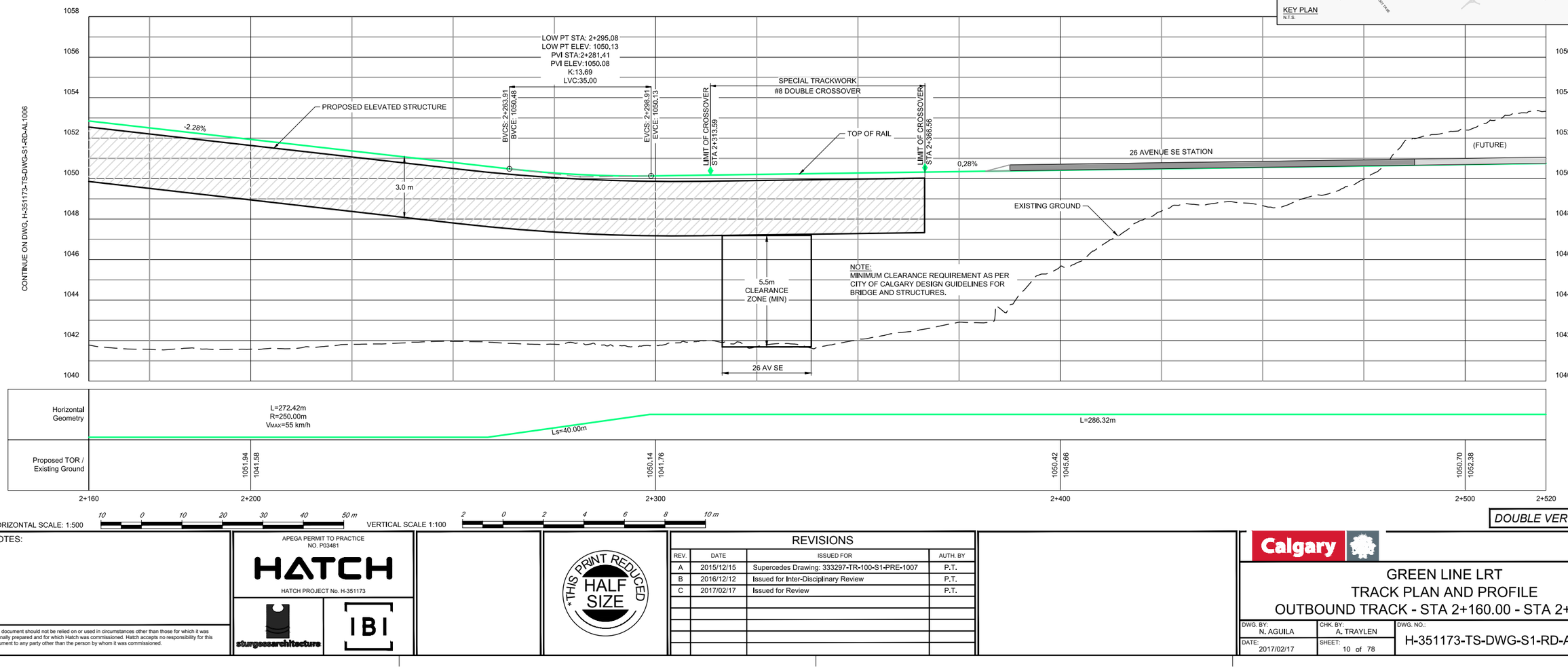
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 1+800.00 - STA 2+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1006	C
DATE: 2017/02/17	SHEET: 9 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:50 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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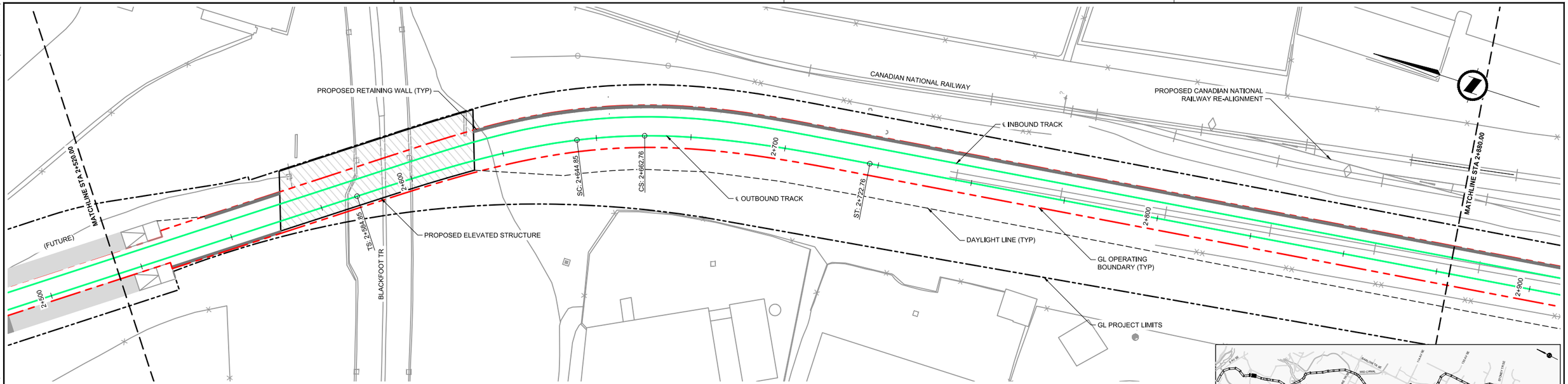
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C	2017/02/17	Issued for Review	P.T.

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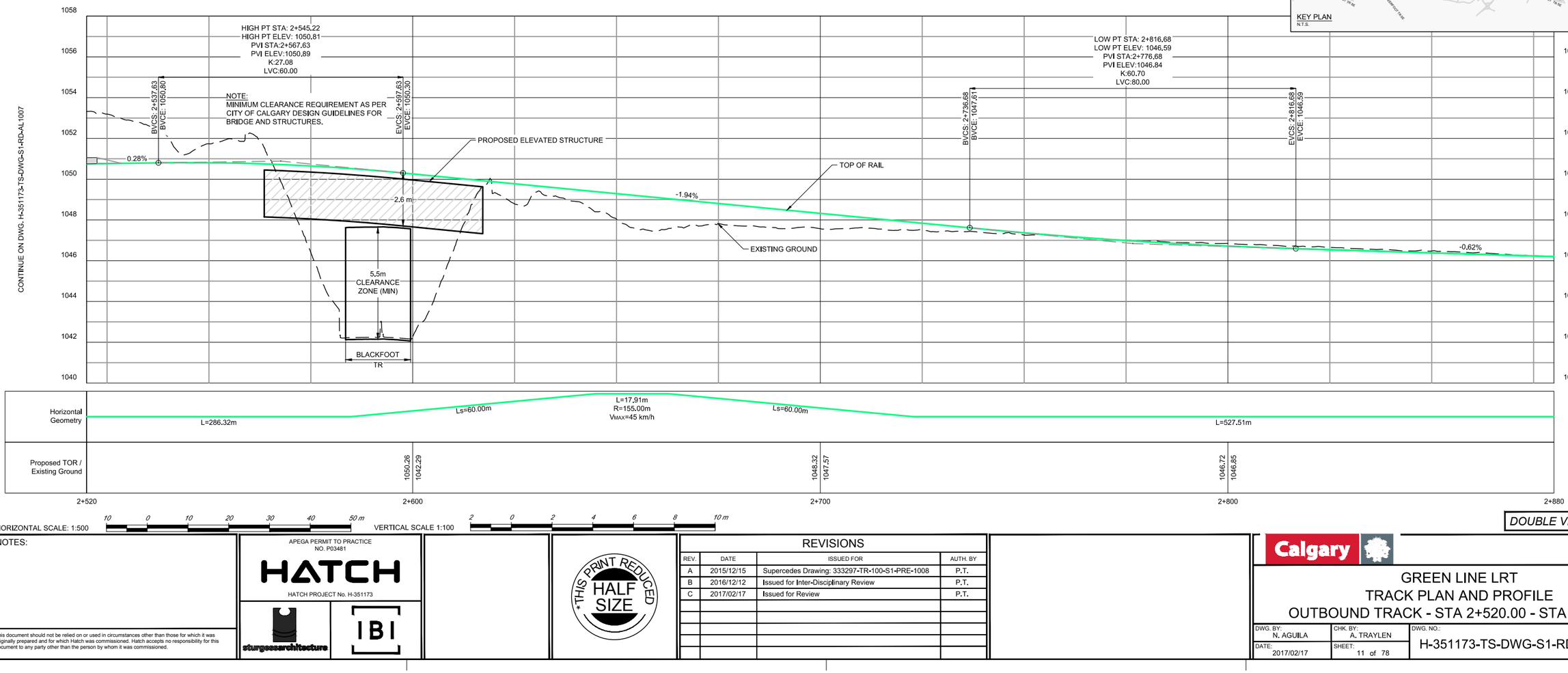
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 2+160.00 - STA 2+520.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1007	C
DATE: 2017/02/17	SHEET: 10 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:50 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL100.dwg







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HATCH PROJECT No. H-351173
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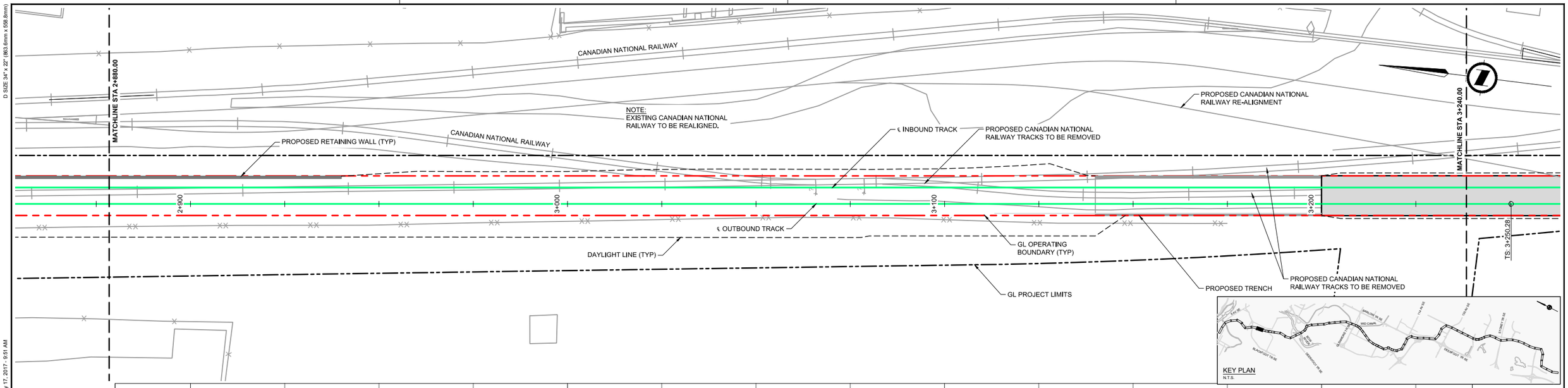
REV.	DATE	ISSUED FOR	AUTH. BY
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

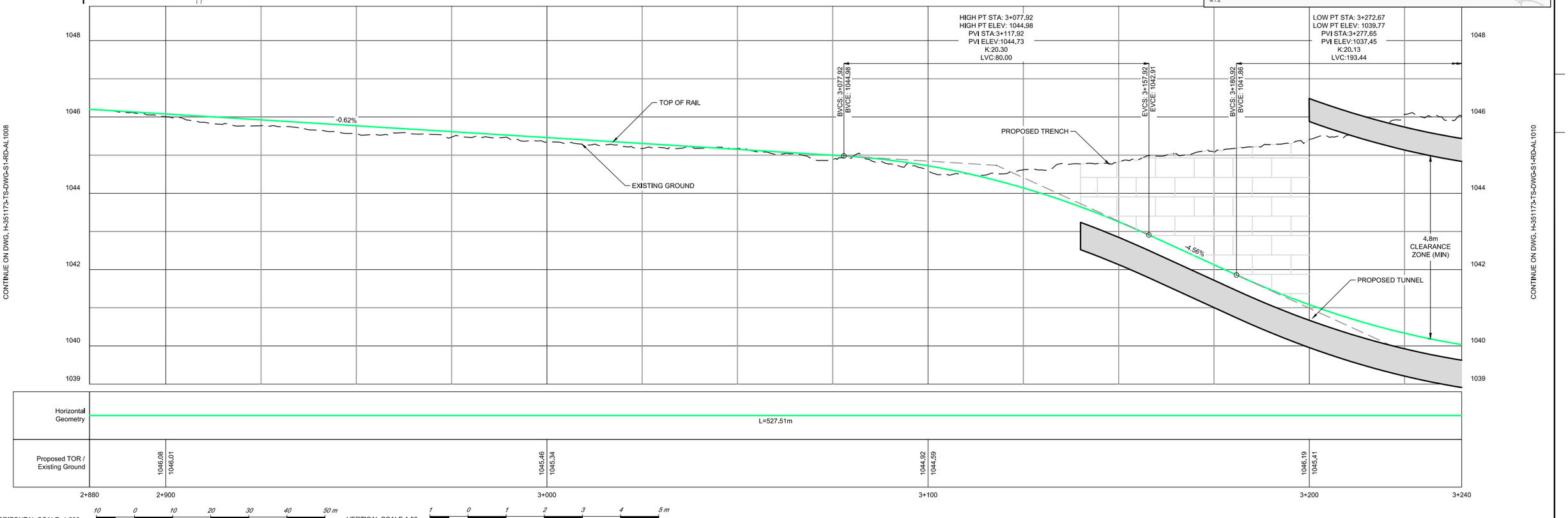
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 2+520.00 - STA 2+880.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1008	C
DATE: 2017/02/17	SHEET: 11 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:51 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





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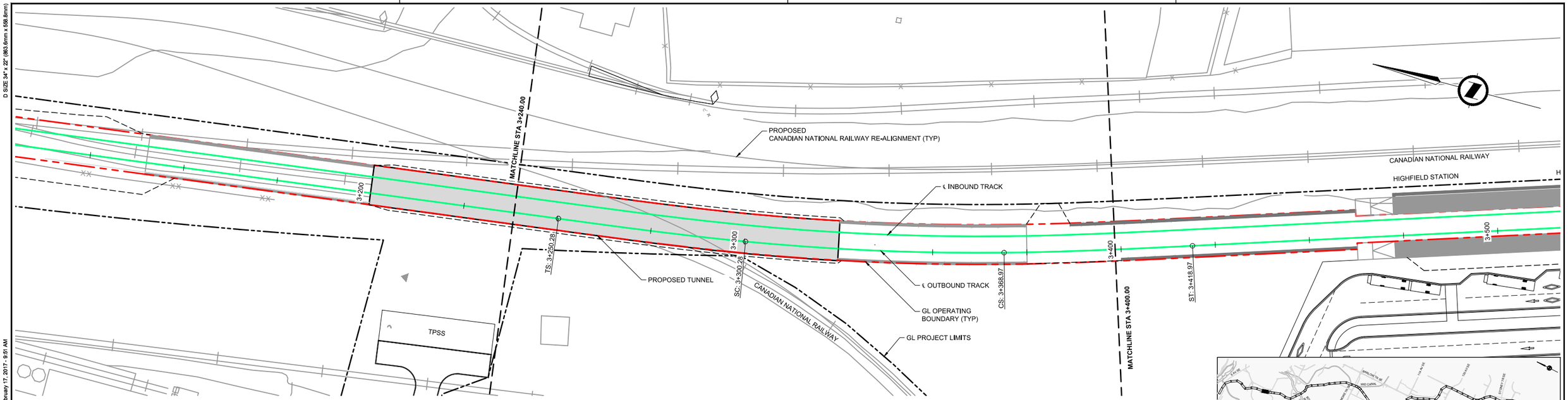
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S1-PRE-1009	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

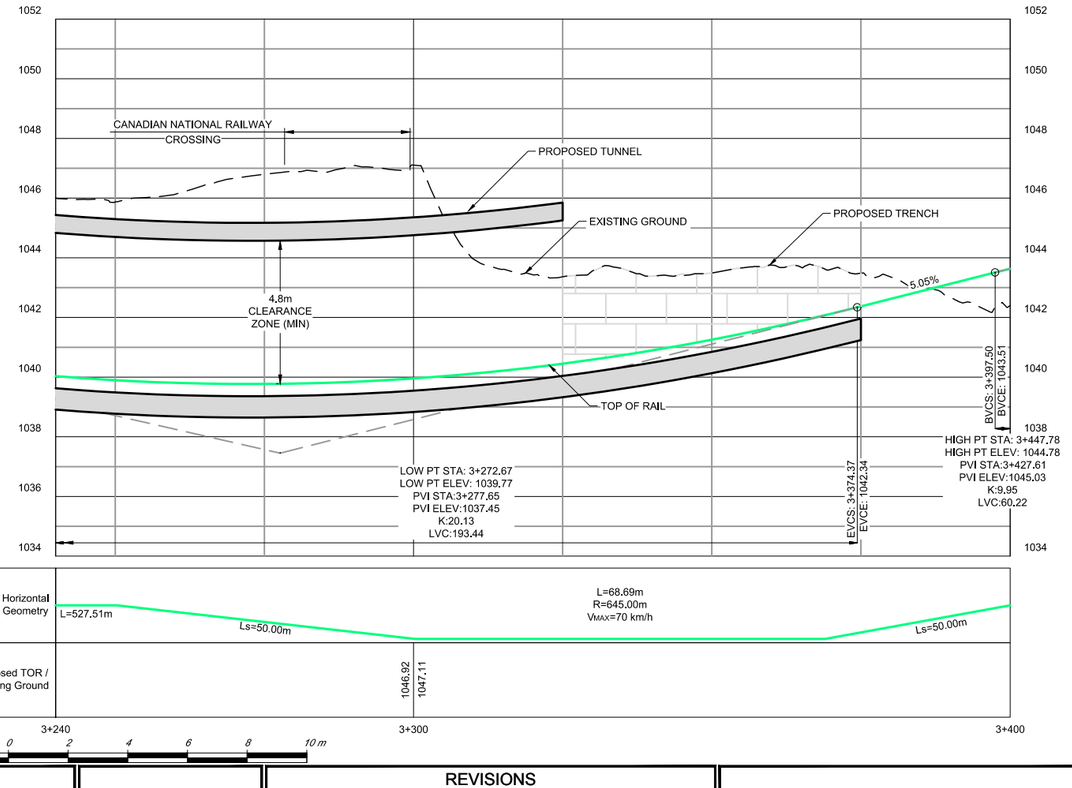
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 2+880.00 - STA 3+240.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1009	C
DATE: 2017/02/17	SHEET: 12 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:51 AM





CONTINUE ON DWG, H-351173-TS-DWG-S1-RD-AL1009

CONTINUE ON DWG, H-351173-TS-DWG-S1-RD-AL1011

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m) VERTICAL SCALE 1:100 (2 0 2 4 6 8 10 m)

DOUBLE VERTICAL SCALE

CAD FILE H-351173-TS-DWG-S1-RD-AL1001.dwg

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C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 3+240.00 - STA 3+400.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1010	C
DATE: 2017/02/17	SHEET: 13 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:51 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1010

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1012

CANADIAN NATIONAL RAILWAY

℄ INBOUND TRACK

HIGHFIELD STATION

(FUTURE)

GL PROJECT LIMITS

MATCHLINE STA 3+700.00

#8 SINGLE CROSSOVER

CS: 3+368.97

3+400

MATCHLINE STA 3+400.00

ST: 3+418.97

3+500

3+600

℄ OUTBOUND TRACK

PROPOSED RETAINING WALL (TYP)

GL OPERATING BOUNDARY (TYP)

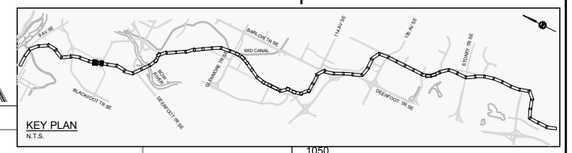
PROPOSED ELEVATED STRUCTURE

LIMIT OF CROSSOVER STA 3+700.00

DAYLIGHT LINE (TYP)

HIGHFIELD BV

PROPOSED ROAD MODIFICATIONS



1050
1048
1046
1044
1042
1040
1038
1036
1034
1032

TOP OF RAIL

TOP OF RAIL

HIGHFIELD STATION

(FUTURE)

PROPOSED ELEVATED STRUCTURE

-1.00%

2.6 m

LIMIT OF CROSSOVER STA 3+700.00

EXISTING GROUND

HIGH PT STA: 3+447.78
HIGH PT ELEV: 1044.78
PVI STA:3+427.61
PVI ELEV:1045.03
K:9.95
LVC:60.22

EVCS: 3+457.72
EVCE: 1044.73

NOTE:
MINIMUM CLEARANCE REQUIREMENT AS PER CITY OF CALGARY DESIGN GUIDELINES FOR BRIDGE AND STRUCTURES

5.9 m CLEARANCE

5.5 m CLEARANCE ZONE (MIN)

HIGHFIELD BV

Horizontal Geometry	Ls=50.00m		L=933.53m	
Proposed TOR / Existing Ground		1044.31 1041.42		1043.31 1036.91

3+400 3+500 3+600 3+700

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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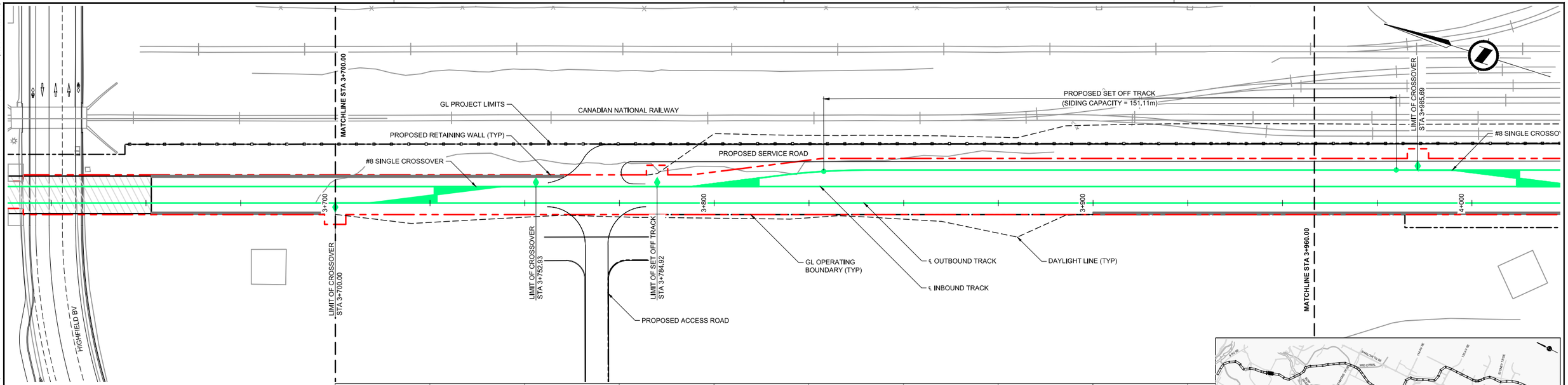
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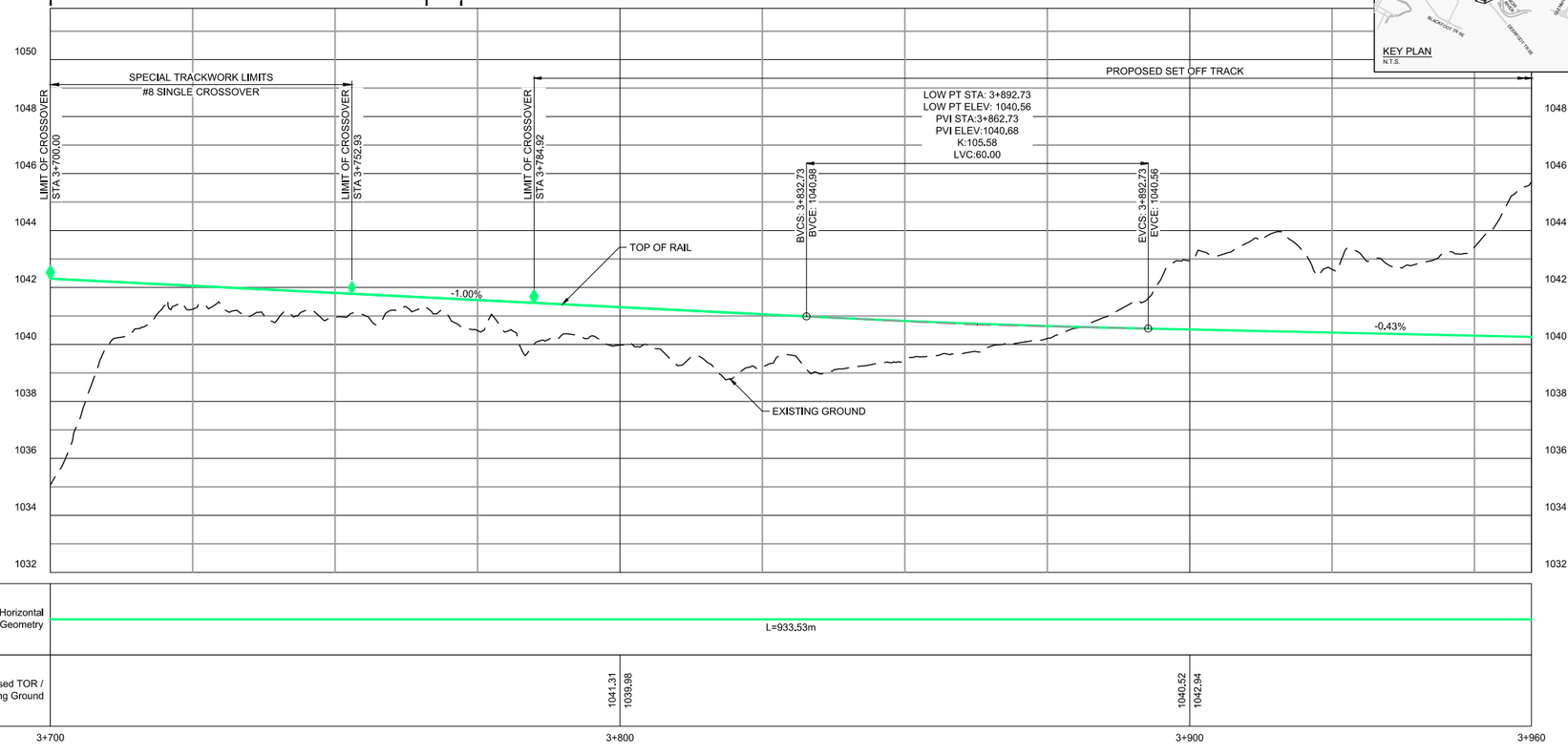
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 3+400.00 - STA 3+700.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1011	C
DATE: 2017/02/17	SHEET: 14 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:51 AM





CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1011

CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1013

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 3+700.00 - STA 3+960.00

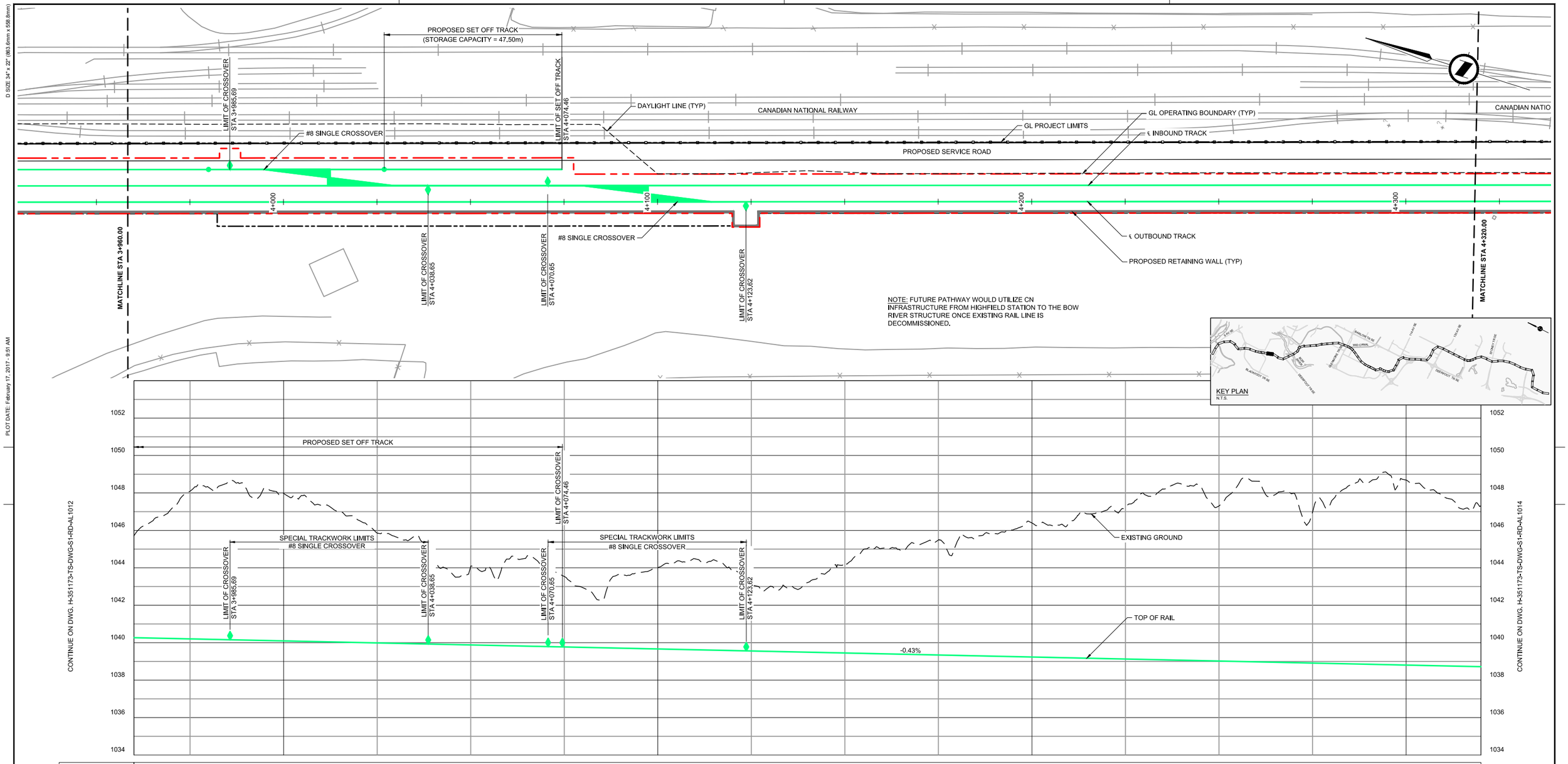
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1012	C
DATE: 2017/02/17	SHEET: 15 of 78		

CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:51 AM

CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg



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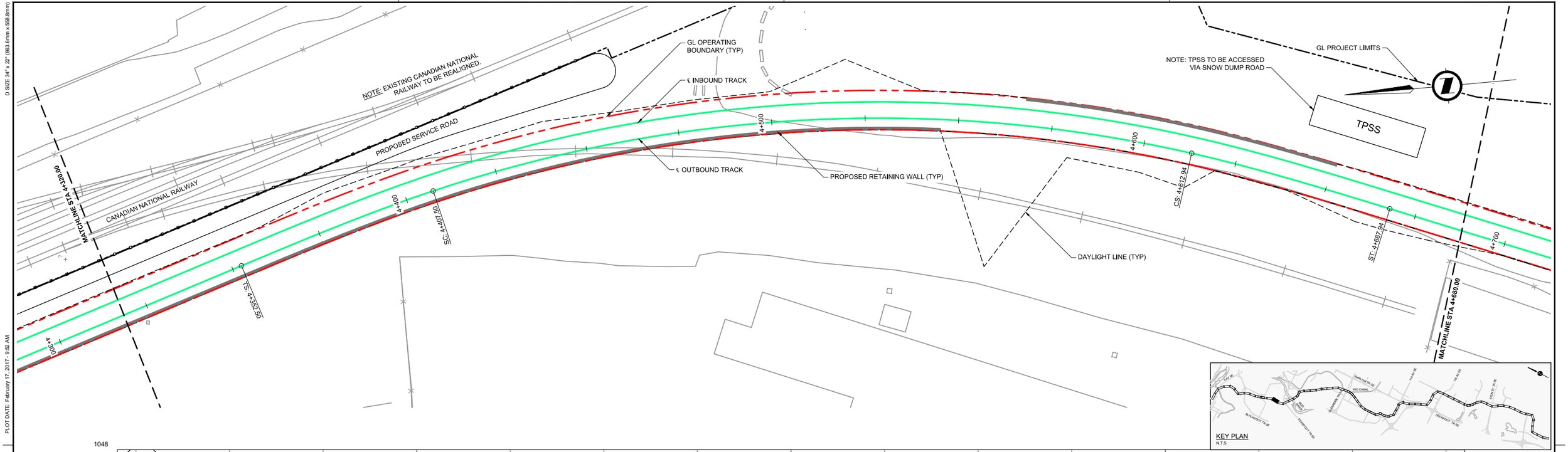
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

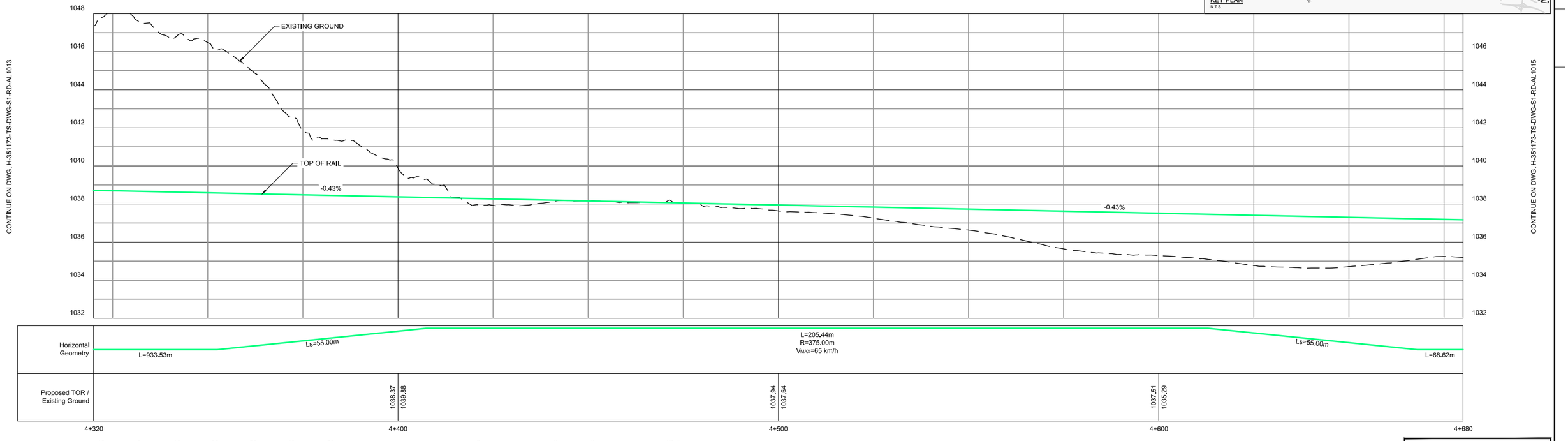
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 3+960.00 - STA 4+320.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1013	C
DATE: 2017/02/17	SHEET: 16 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:02 AM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1013
CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1015

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)
VERTICAL SCALE 1:100 (2 0 2 4 6 8 10 m)

DOUBLE VERTICAL SCALE

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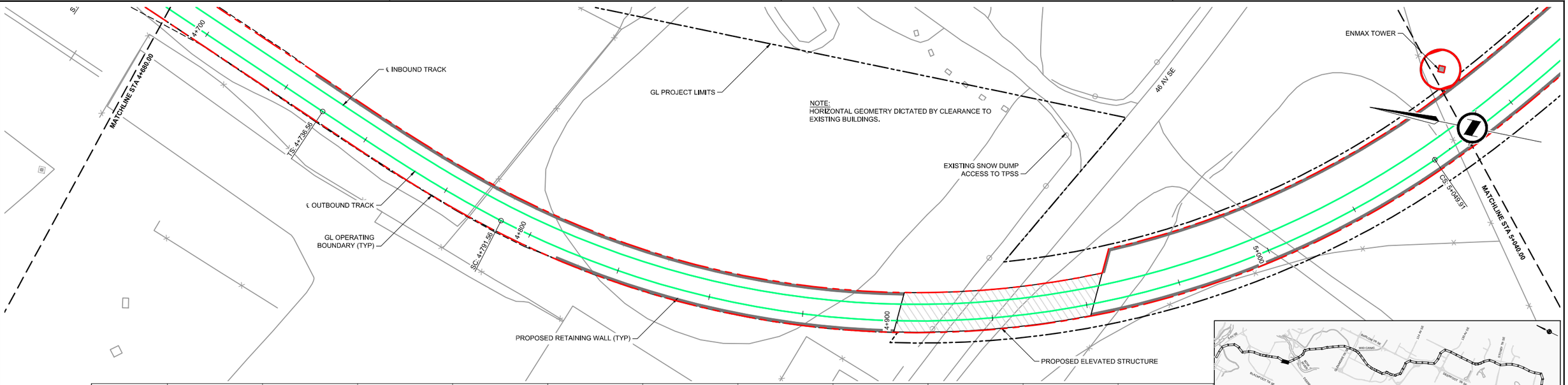
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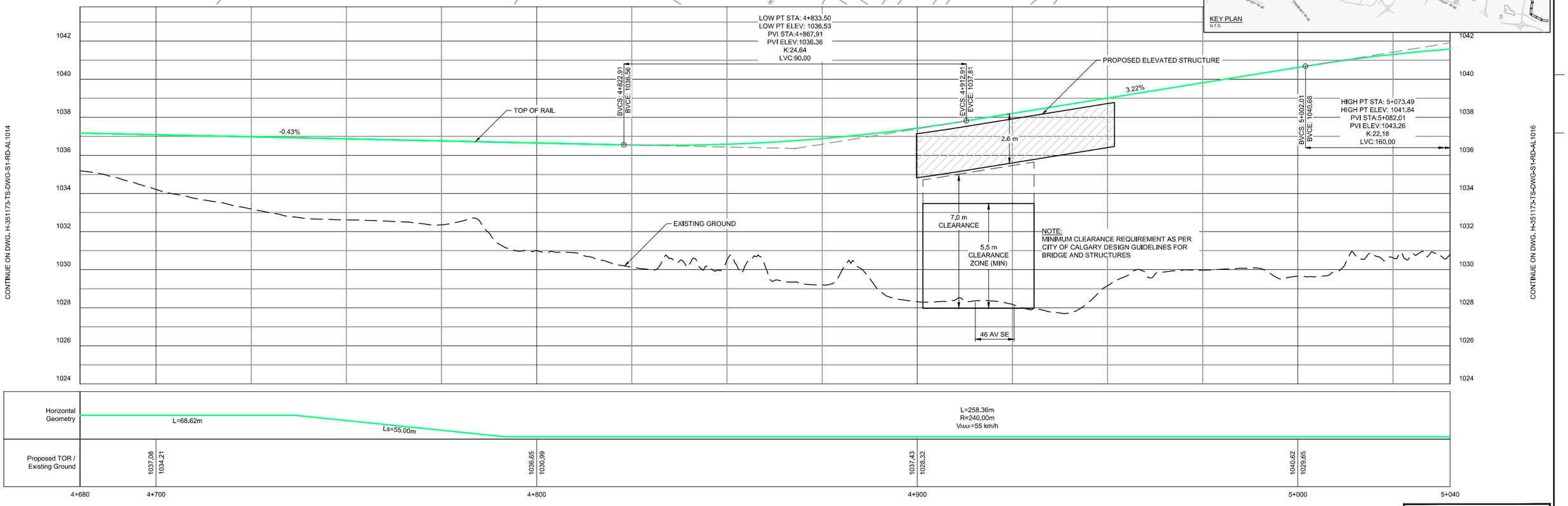
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 4+320.00 - STA 4+680.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S1-RD-AL1014	C
DATE: 2017/02/17	SHEET: 17 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 5:46 PM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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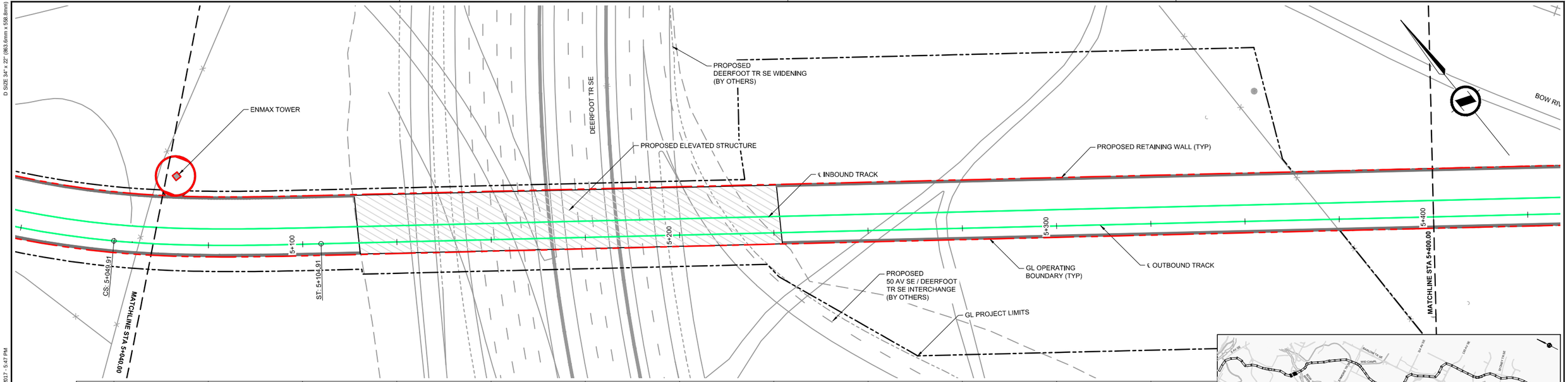
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D	2017/05/30	Issued for Council Report	P.T.

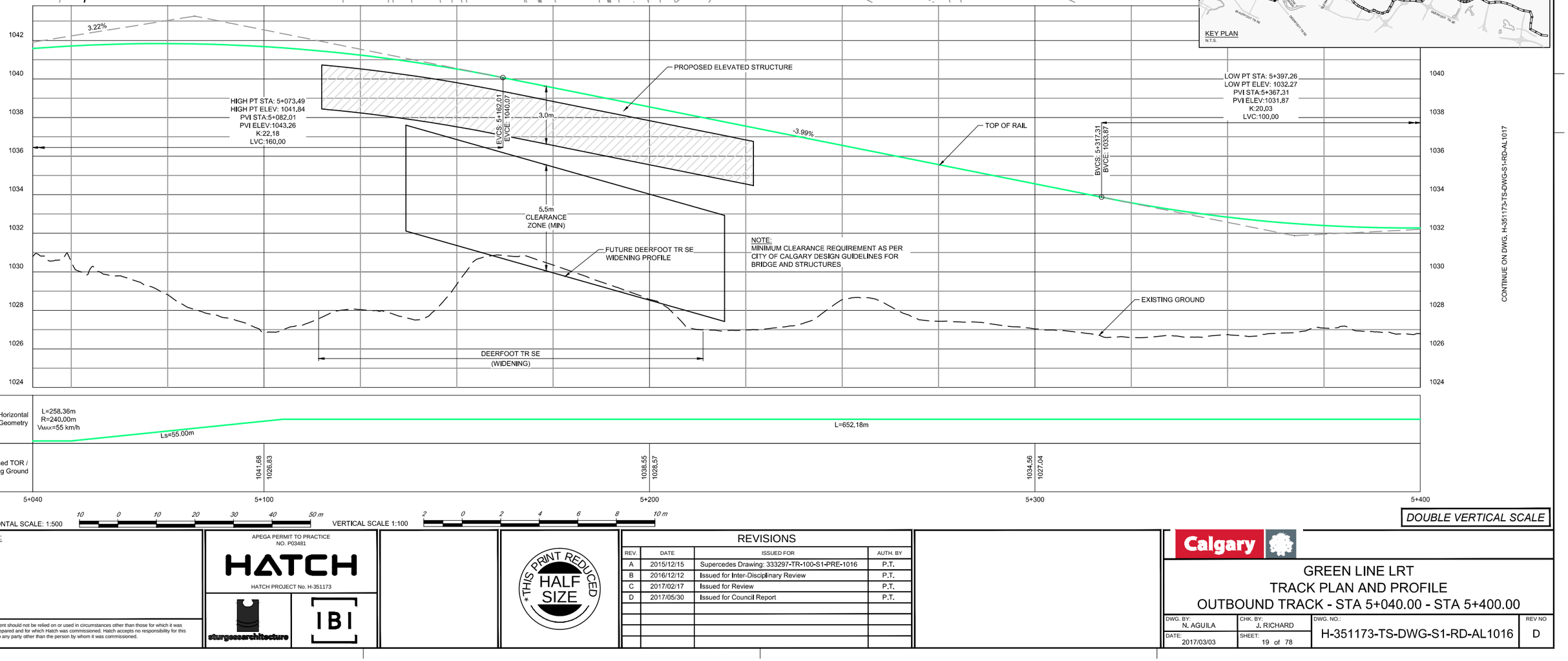
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 4+680.00 - STA 5+040.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S1-RD-AL1015	D
DATE: 2017/03/03	SHEET: 18 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 5:47 PM
CAD FILE: H-351173-TS-DWG-S1-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S1-RD-AL1017

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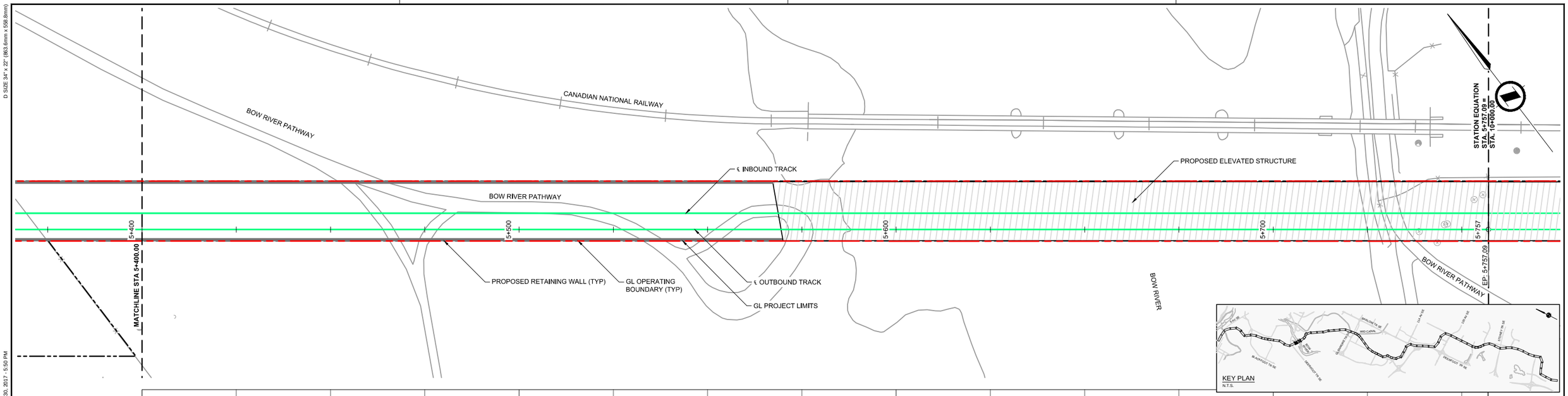
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Report	P.T.

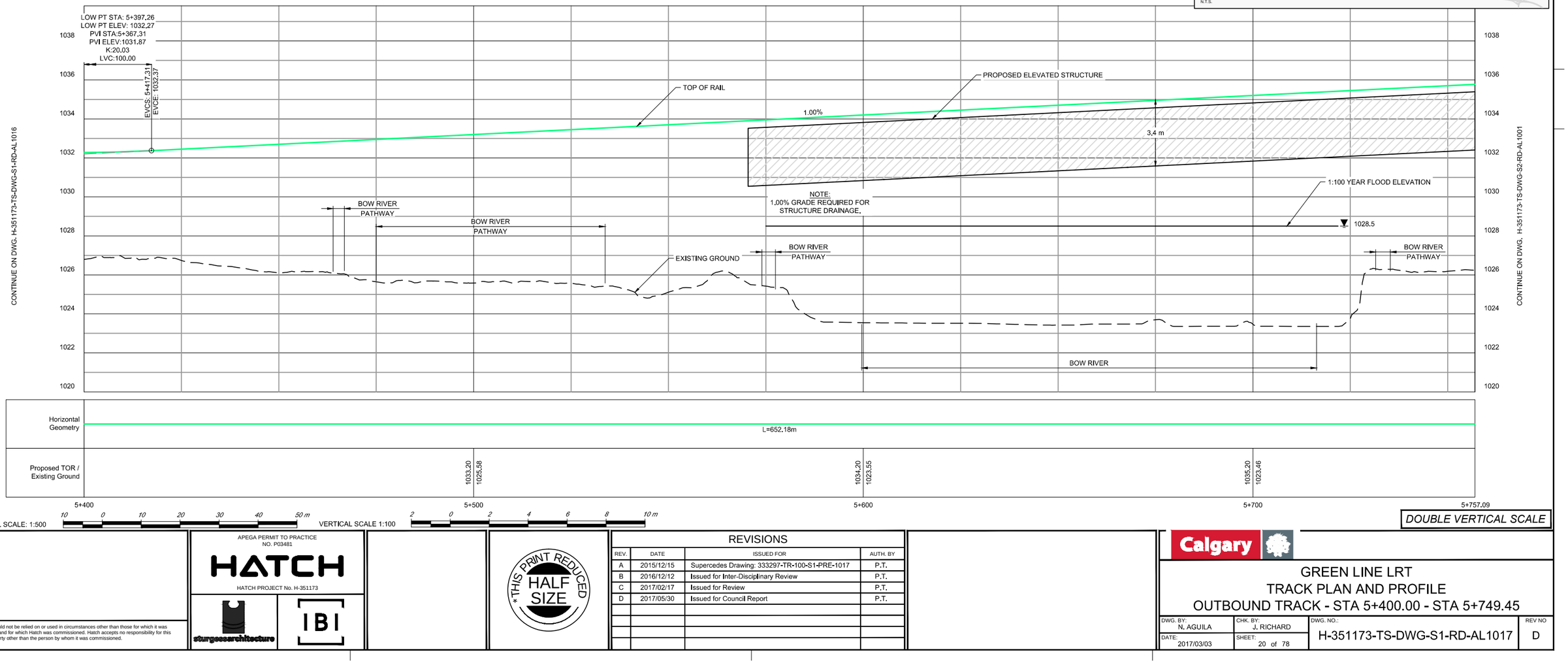
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 5+040.00 - STA 5+400.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S1-RD-AL1016	D
DATE: 2017/03/03	SHEET: 19 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 5:50 PM
CAD FILE H-351173-TS-DWG-S1-RD-AL1001.dwg





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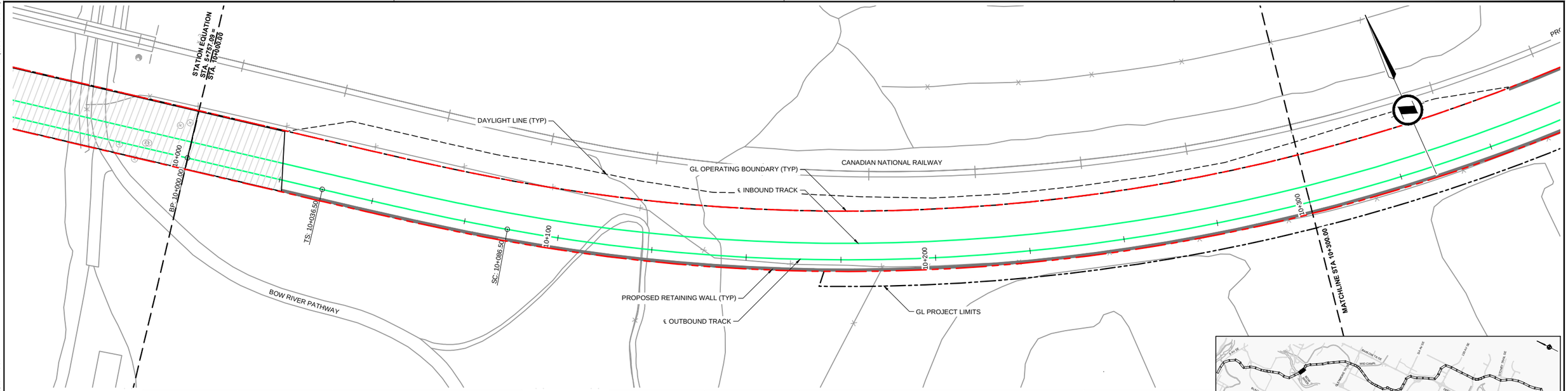
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Report	P.T.

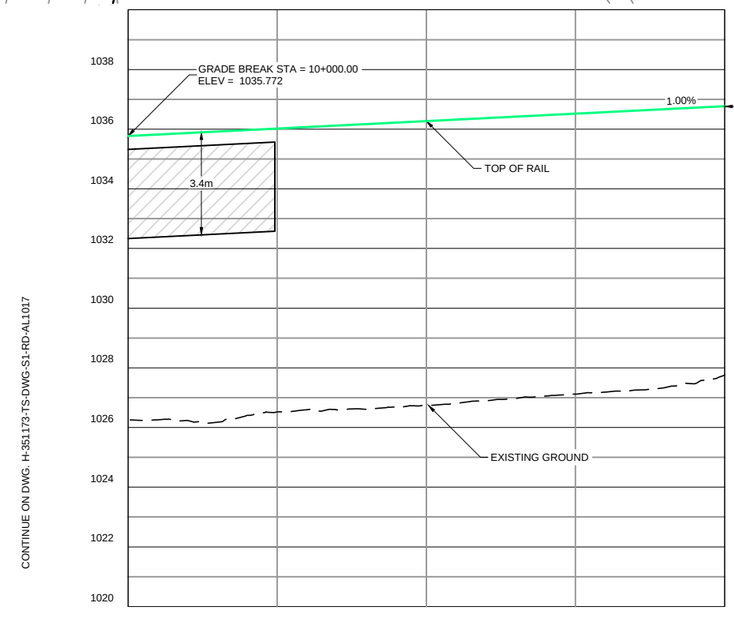
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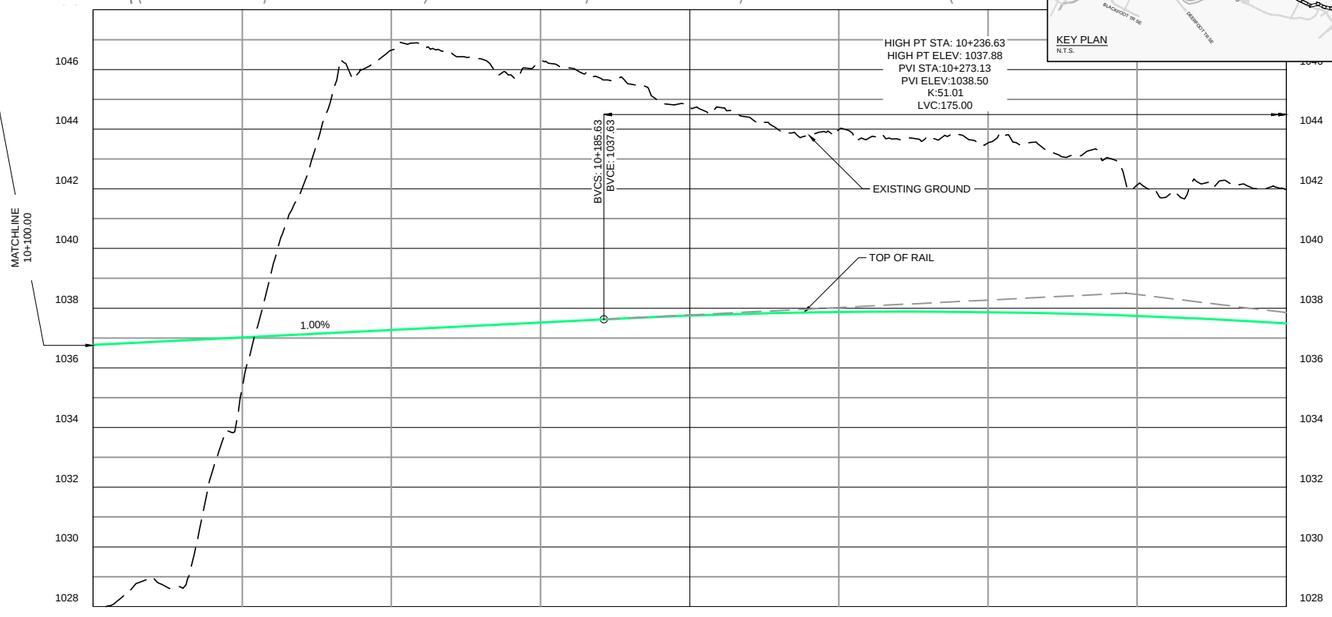
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 5+400.00 - STA 5+749.45

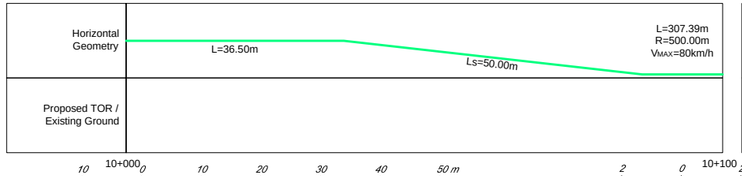
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S1-RD-AL1017	D
DATE: 2017/03/03	SHEET: 20 of 78		

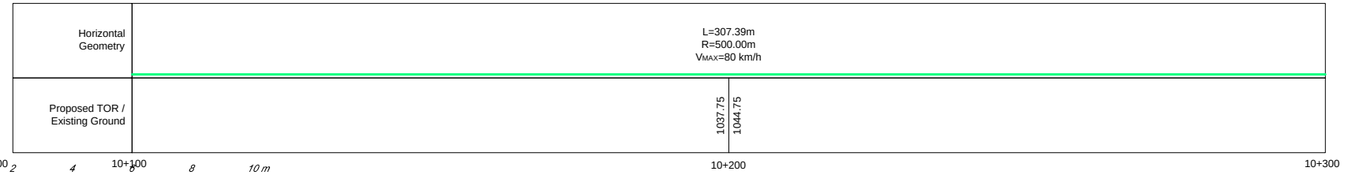
D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 5:51 PM
CAD FILE H-351173-TS-DWG-S2-RD-AL1001.dwg











HORIZONTAL SCALE: 1:500 VERTICAL SCALE 1:100

DOUBLE VERTICAL SCALE

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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1001	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

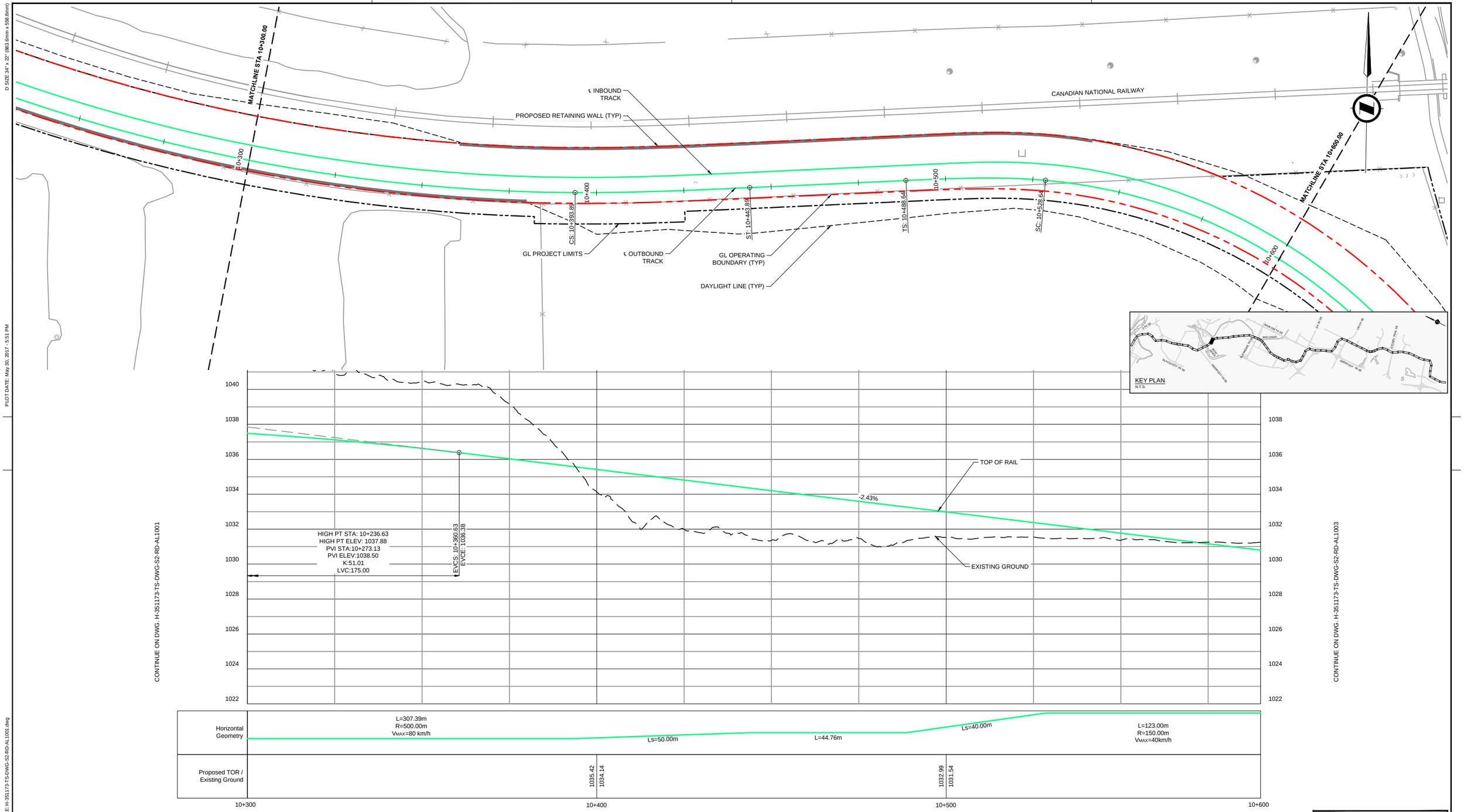
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 10+000.00 - STA 10+300.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S2-RD-AL1001	D
DATE: 2017/03/03	SHEET: 21 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 5:51 PM



DOUBLE VERTICAL SCALE

CAD FILE H-351173-TS-DWG-S2-RD-AL1001.dwg

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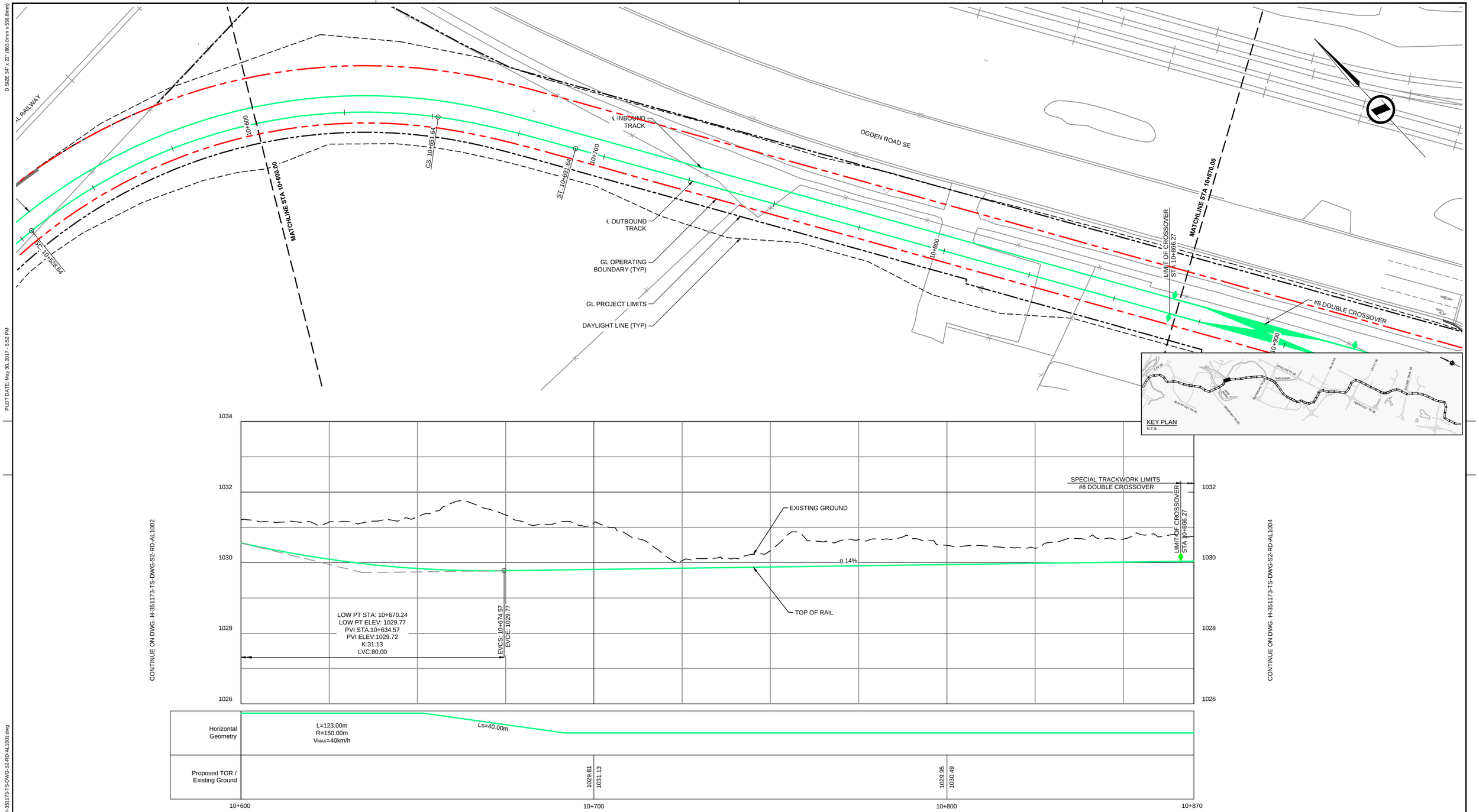
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 10+300.00 - STA 10+600.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S2-RD-AL1002	D
DATE: 2017/03/03	SHEET: 22 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 5:52 PM
C:\AD FILE H-351173-TS-DWG-S2-RD-AL1001.dwg



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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

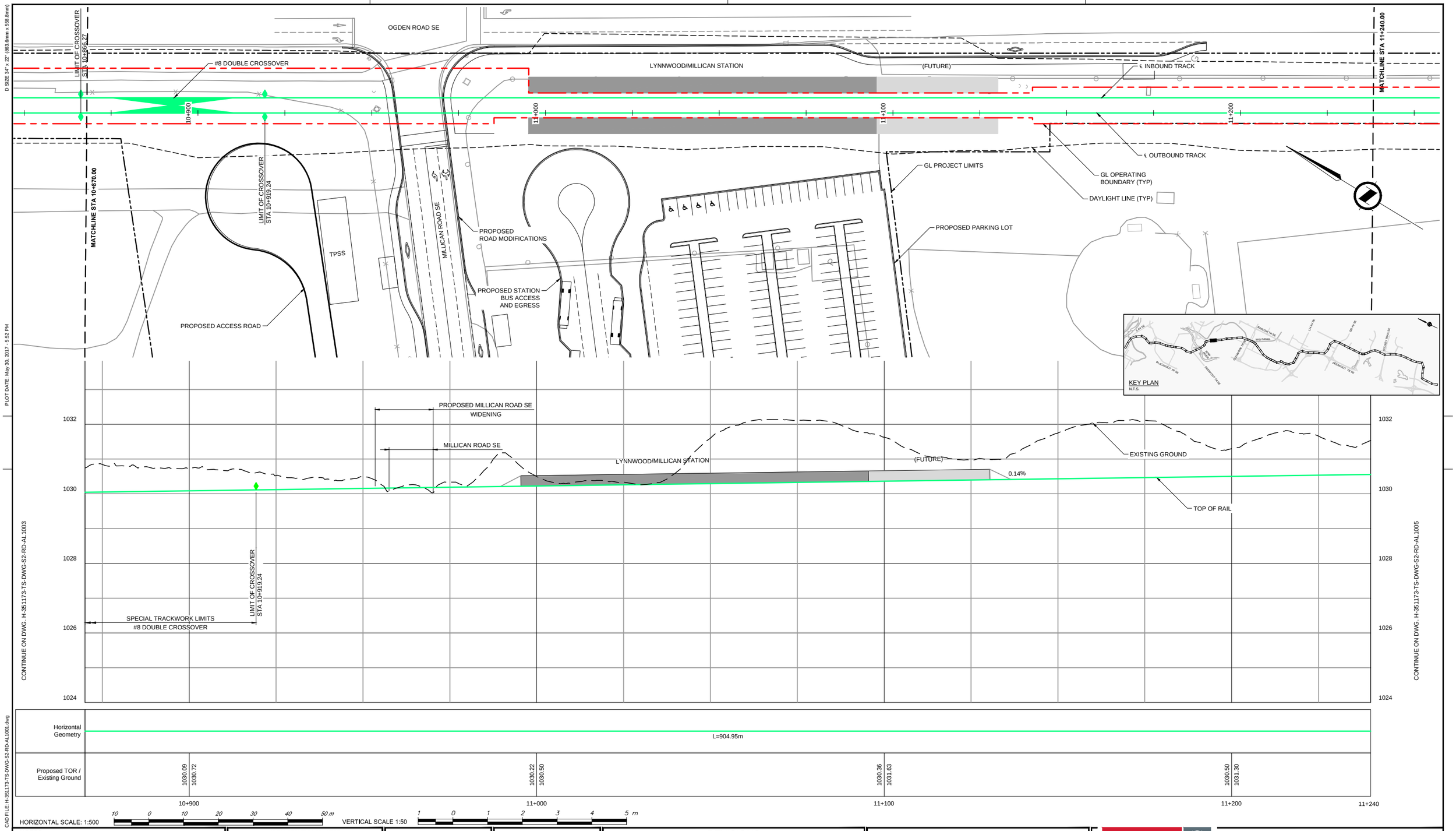
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 10+600.00 - STA 10+870.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S2-RD-AL1003	D
DATE: 2017/03/03	SHEET: 23 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: May 30, 2017 - 5:52 PM



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C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

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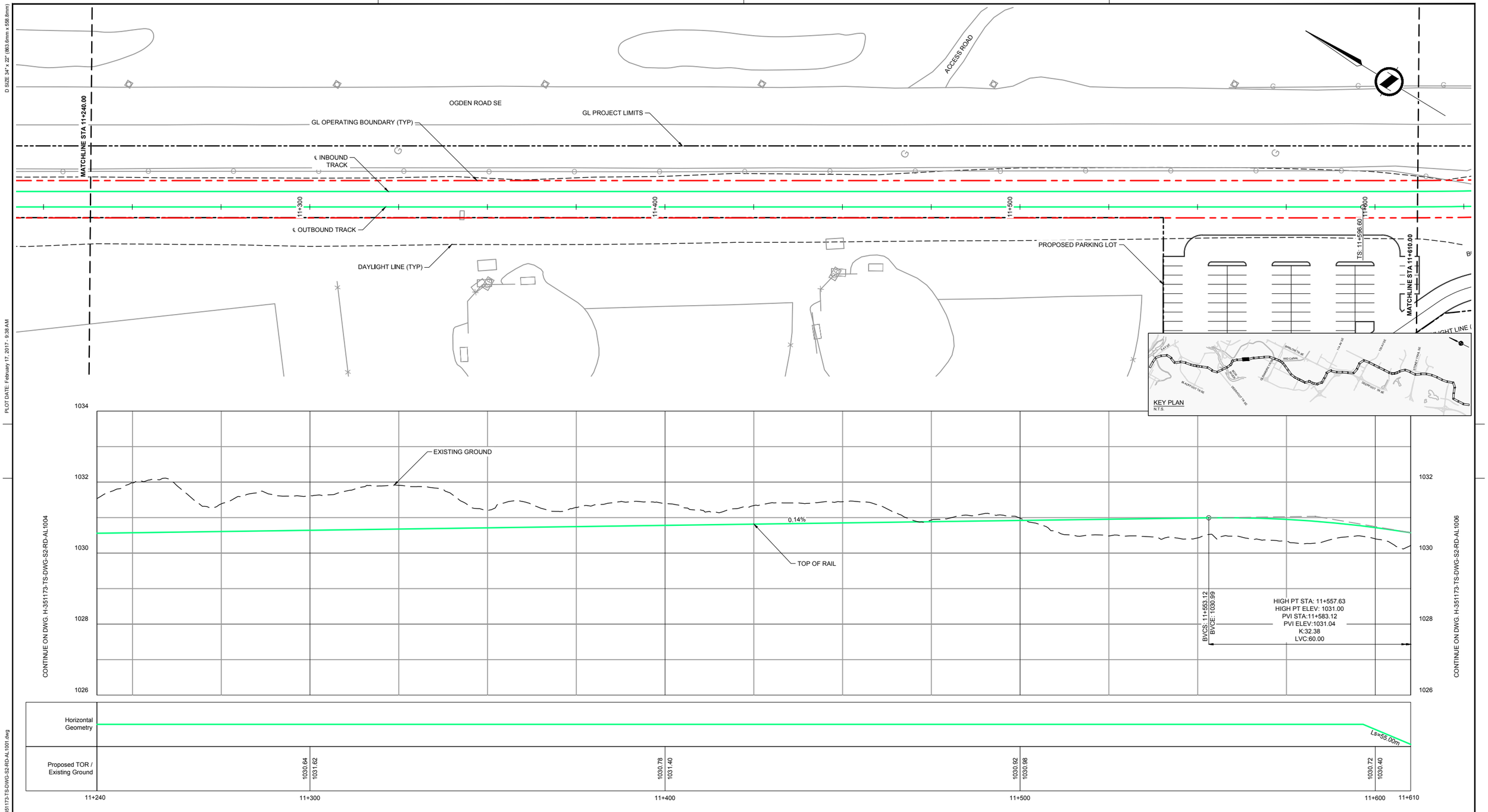
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TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 10+870.00 - STA 11+240.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S2-RD-AL1004	D
DATE: 2017/03/03	SHEET: 24 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:38 AM

CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg



HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

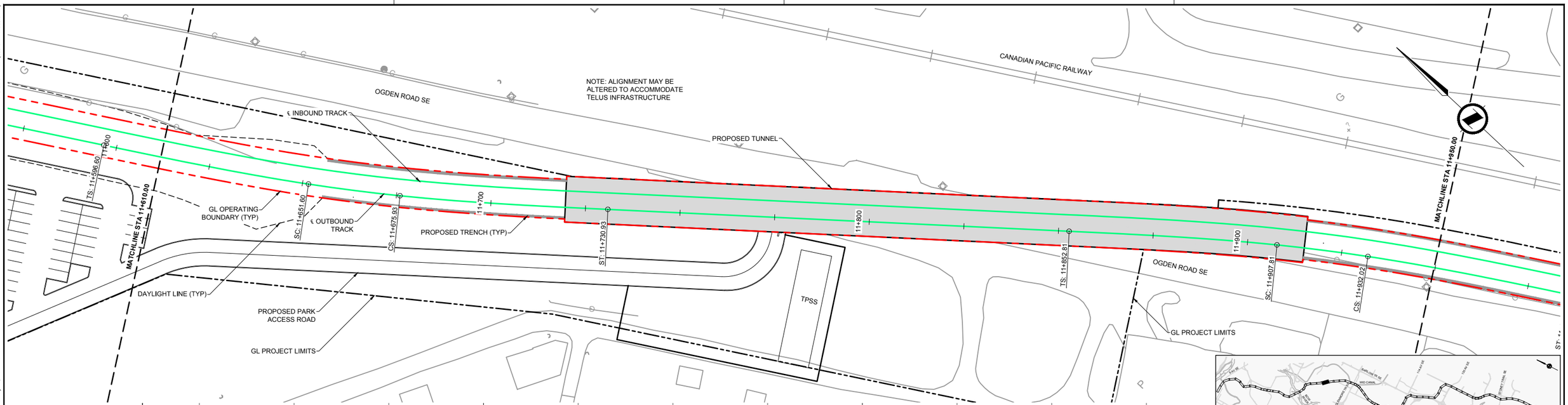
Calgary

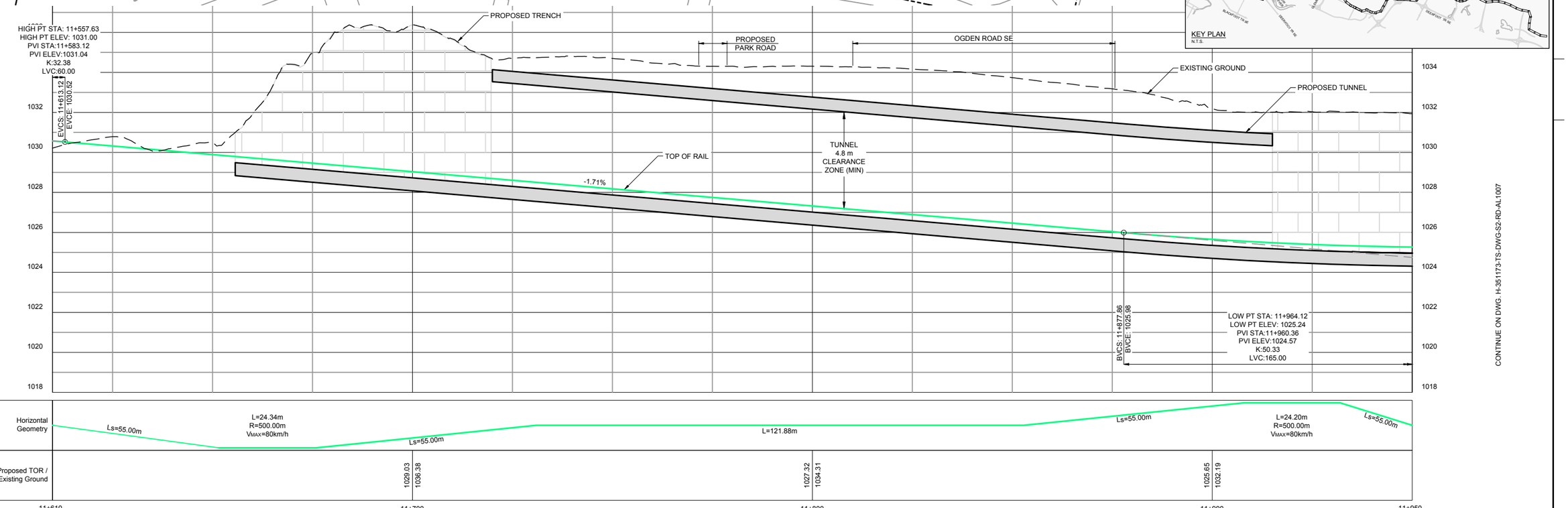
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 11+240.00 - STA 11+610.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1005	C
DATE: 2017/02/17	SHEET: 24 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:38 AM





CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg

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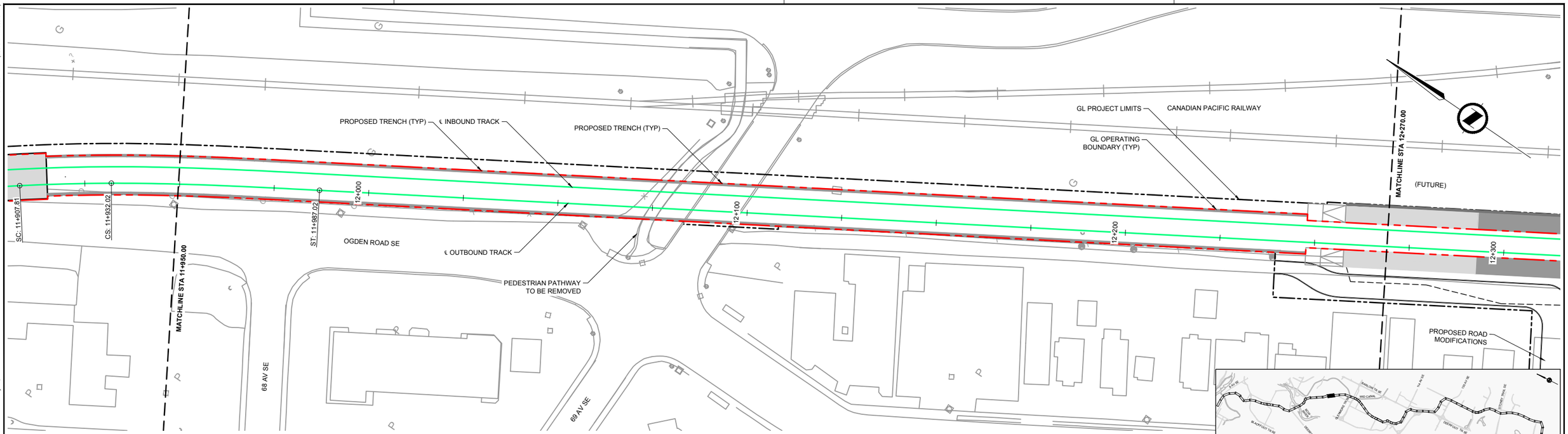
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

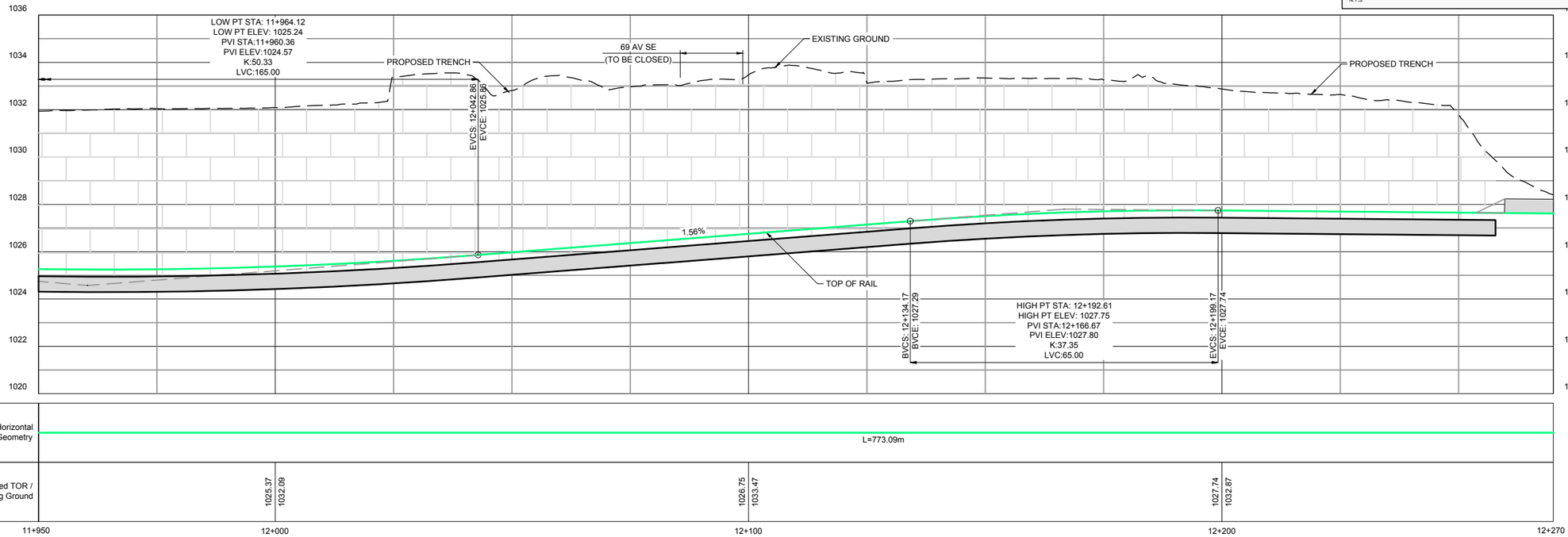
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 11+610.00 - STA 11+950.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1006	C
DATE: 2017/02/17	SHEET: 26 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:38 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:100 (2 0 2 4 6 8 10 m)

DOUBLE VERTICAL SCALE

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 11+950.00 - STA 12+270.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1007	C
DATE: 2017/02/17	SHEET: 27 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:38 AM
CAD FILE:H-351173-TS-DWG-S2-RD-AL1001.dwg

MATCHLINE STA 12+270.00

CANADIAN PACIFIC RAILWAY

(FUTURE)

OGDEN STATION

PROPOSED PEDESTRIAN TUNNEL

PROPOSED RETAINING WALL (TYP)

℄ INBOUND TRACK

MATCHLINE STA 12+620.00

12+300

12+400

12+500

12+600

26A ST SE

℄ OUTBOUND TRACK

GL PROJECT LIMITS

GL OPERATING BOUNDARY (TYP)

PROPOSED ROAD MODIFICATIONS

DAYLIGHT LINE (TYP)

72 AV SE (TO BE CLOSED)

PROPOSED TRANSIT PLAZA

PROPOSED ROAD MODIFICATIONS

74 AV SE



CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1007

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1009

1032
1030
1028
1026
1024

(FUTURE)

OGDEN STATION

TOP OF RAIL

-0.18%

EXISTING GROUND

Horizontal Geometry

L=773.09m

Proposed TOR / Existing Ground

1027.56 1027.54 1027.39 1027.19 1027.21 1027.59 1027.04 1026.02

12+270 12+300 12+400 12+500 12+600 12+620

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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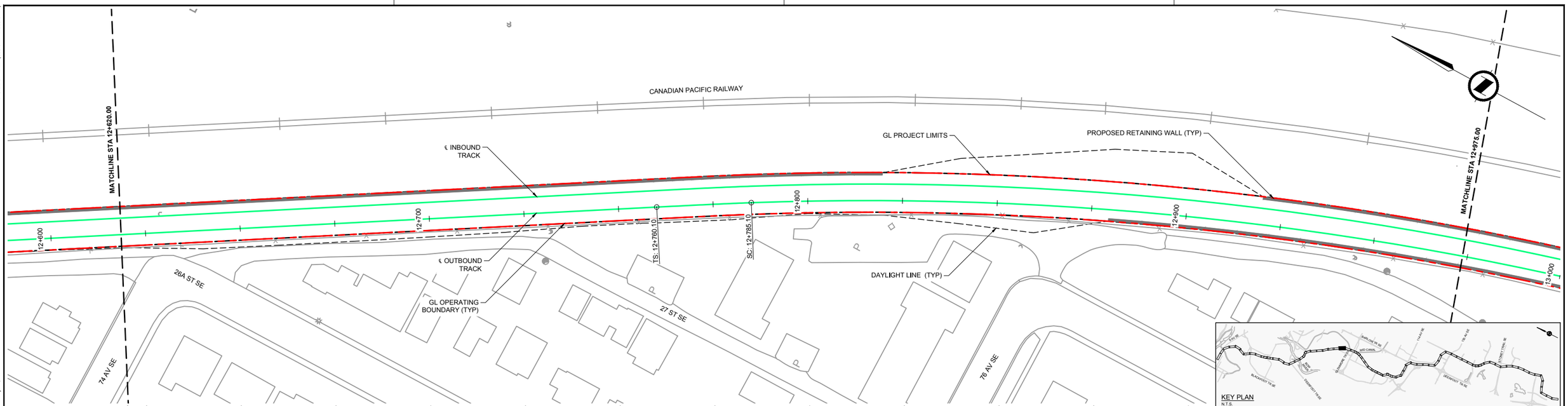
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1008	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

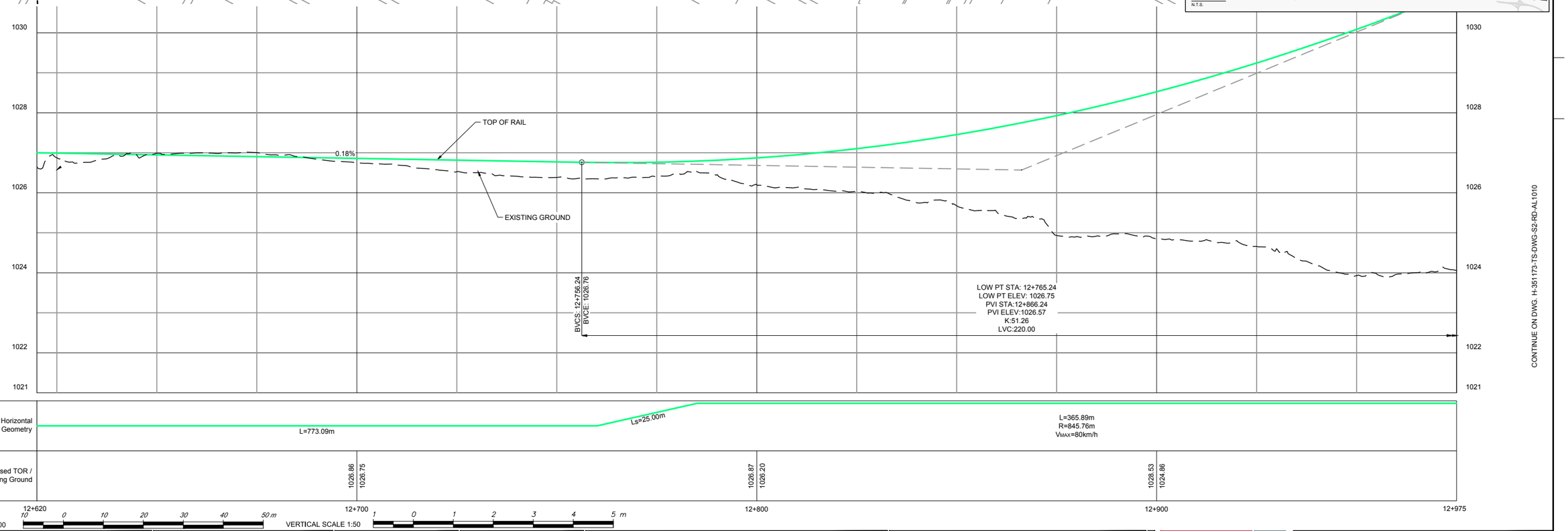
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 12+270.00 - STA 12+620.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1008	C
DATE: 2017/02/17	SHEET: 28 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:39 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





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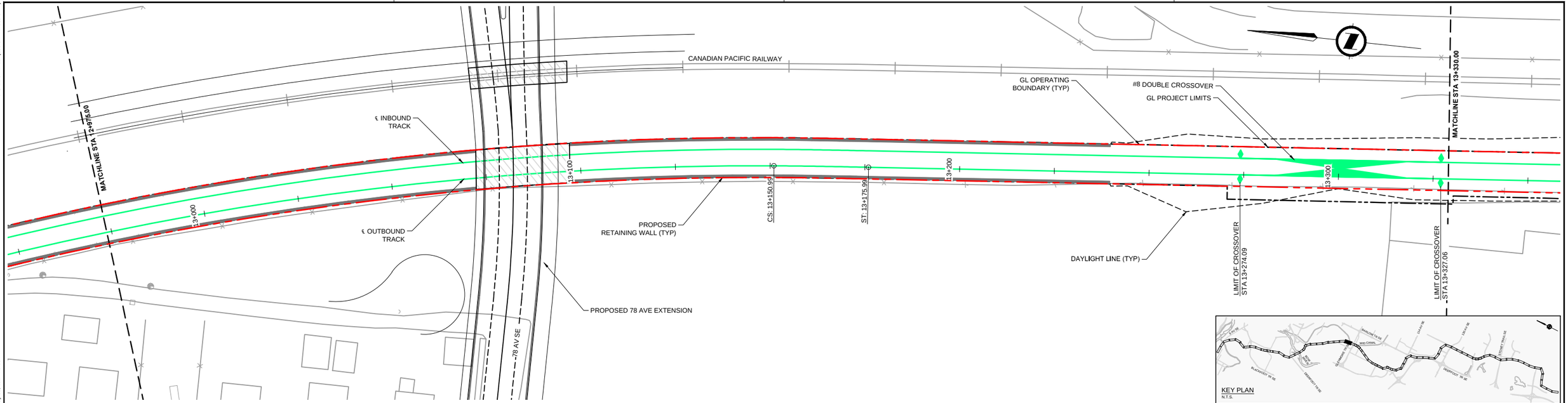
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

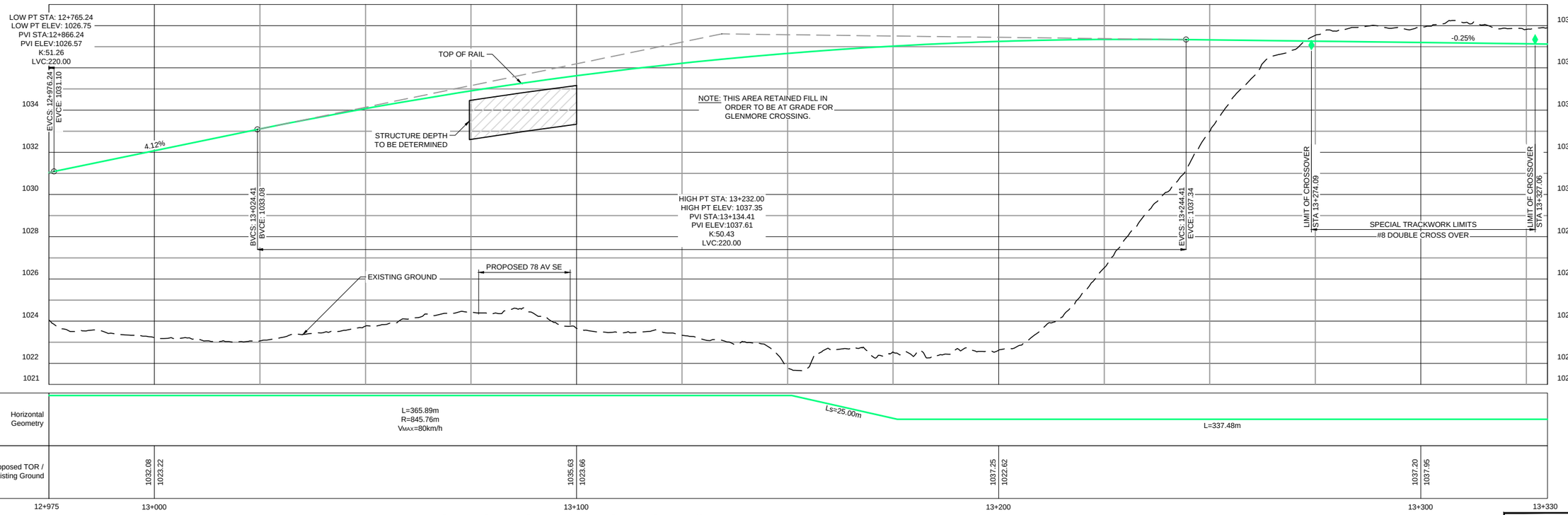
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 12+620.00 - STA 12+975.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1009	C
DATE: 2017/02/17	SHEET: 29 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: May 30, 2017 - 6:05 PM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1009
CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1011

DOUBLE VERTICAL SCALE

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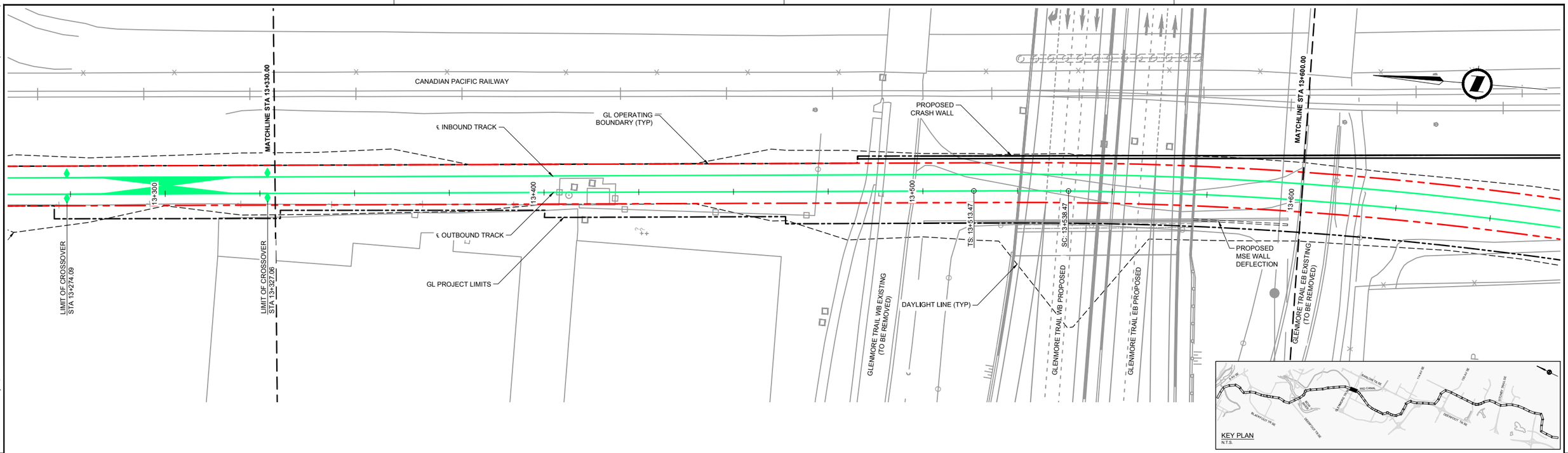
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C	2017/02/17	Issued for Review	P.T.
D	2017/05/30	Issued for Council Review	P.T.

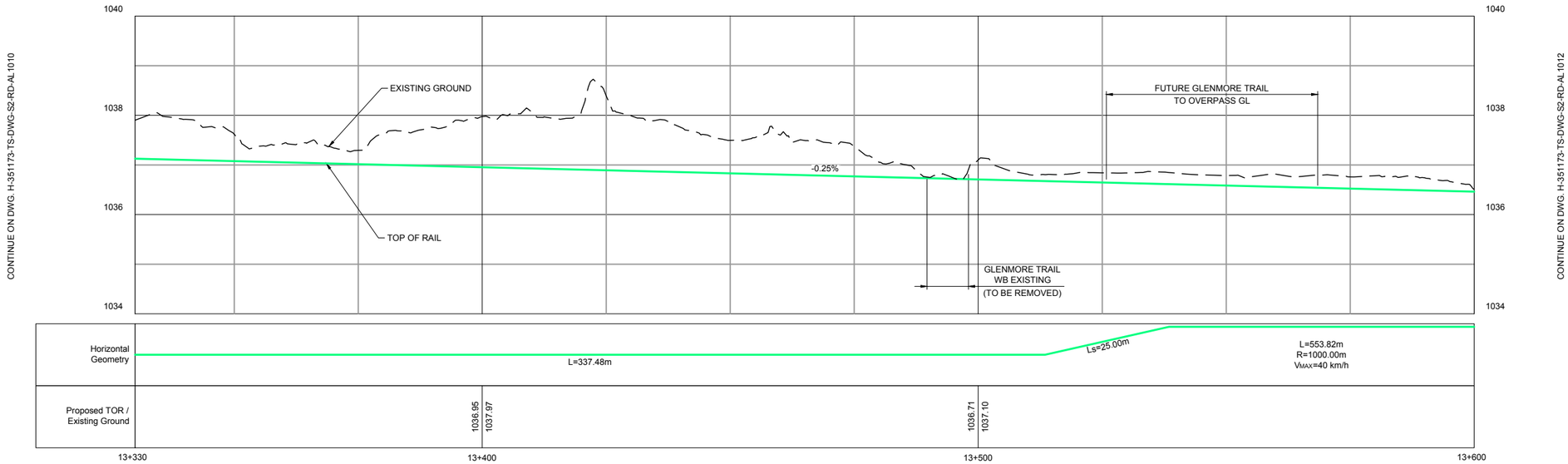
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 12+975.00 - STA 13+330.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	J. RICHARD	H-351173-TS-DWG-S2-RD-AL1010	D
DATE: 2017/03/03	SHEET: 30 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:39 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1010
CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1012

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)
VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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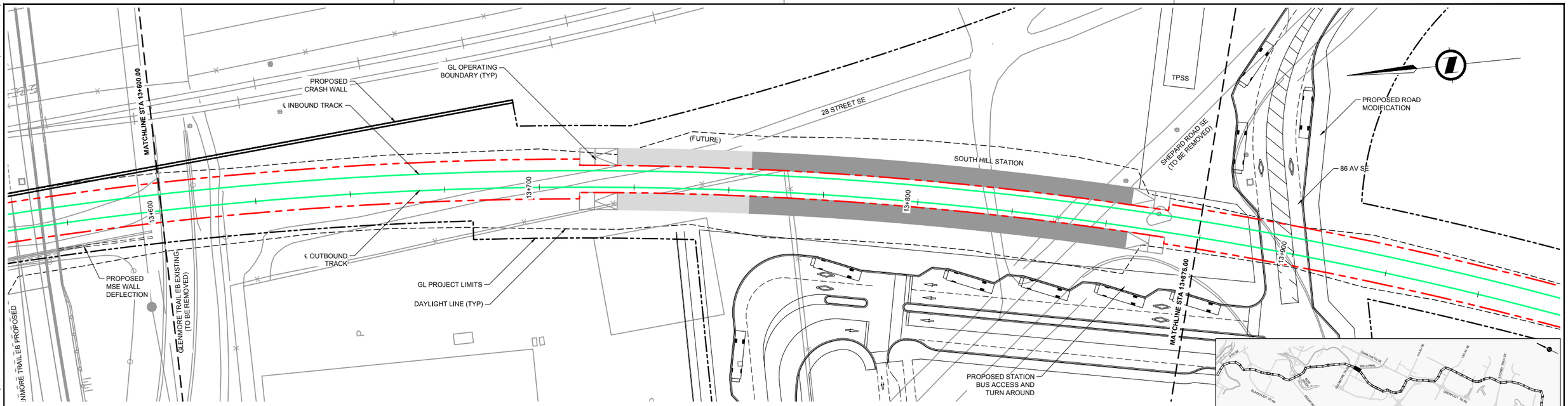
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C	2017/02/17	Issued for Review	P.T.

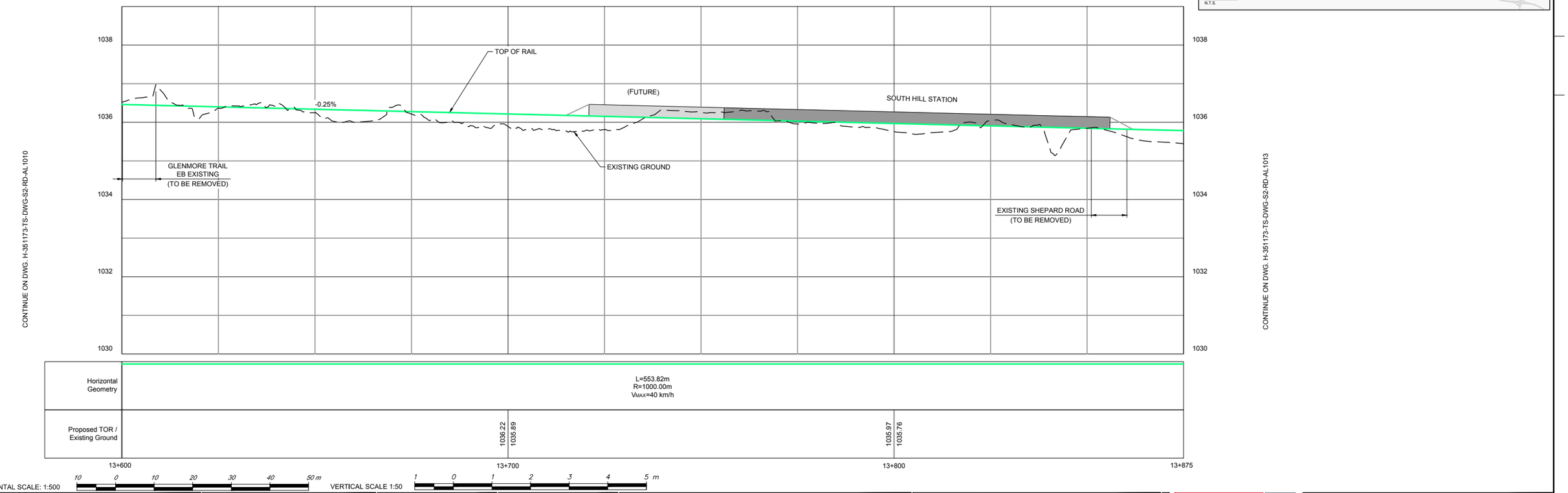
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 13+330.00 - STA 13+600.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1011	C
DATE: 2017/02/17	SHEET: 31 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:39 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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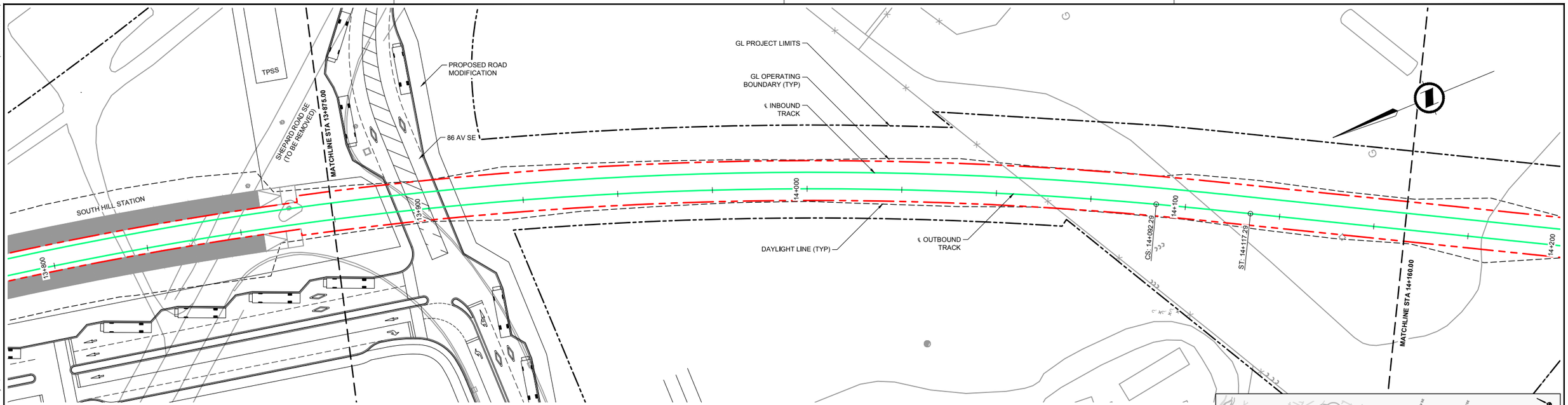
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 13+600.00 - STA 13+875.00

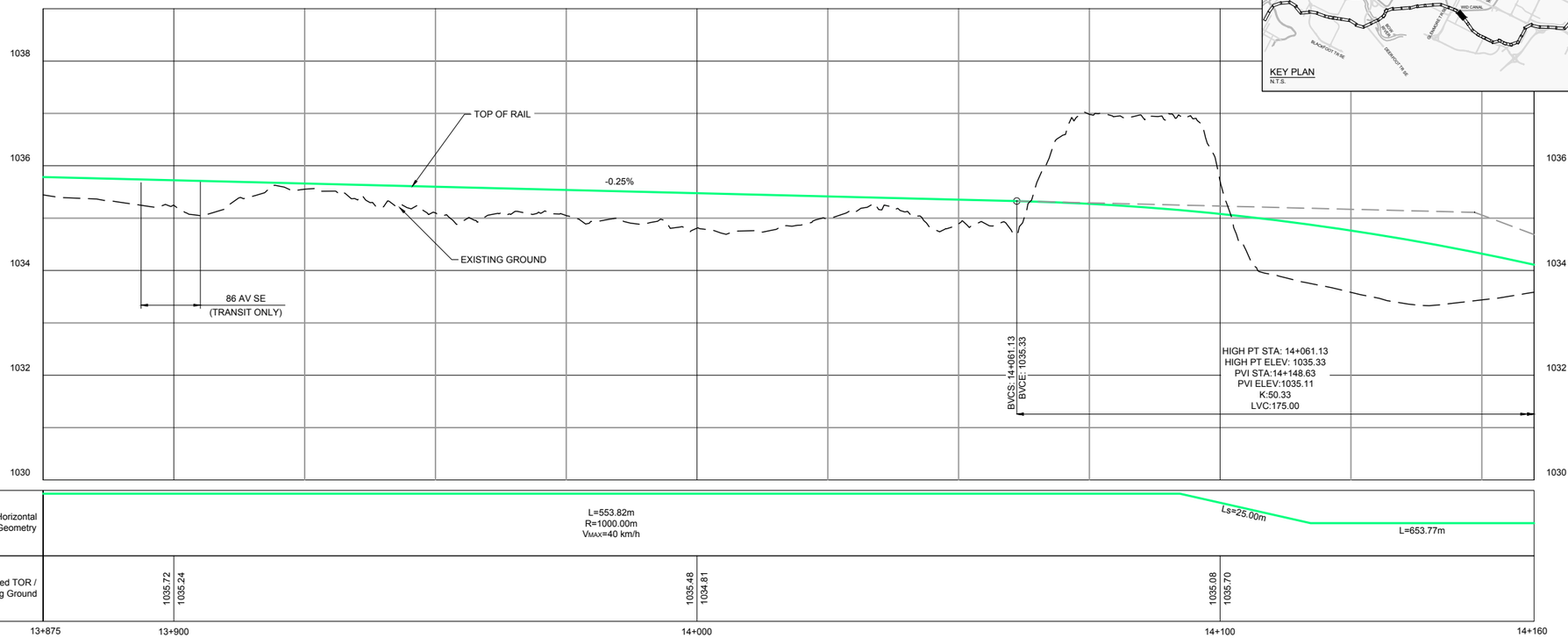
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1012	C
DATE: 2017/02/17	SHEET: 32 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:39 AM







CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1012

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1014

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

CAD FILE:H-351173-TS-DWG-S2-RD-AL1001.dwg

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

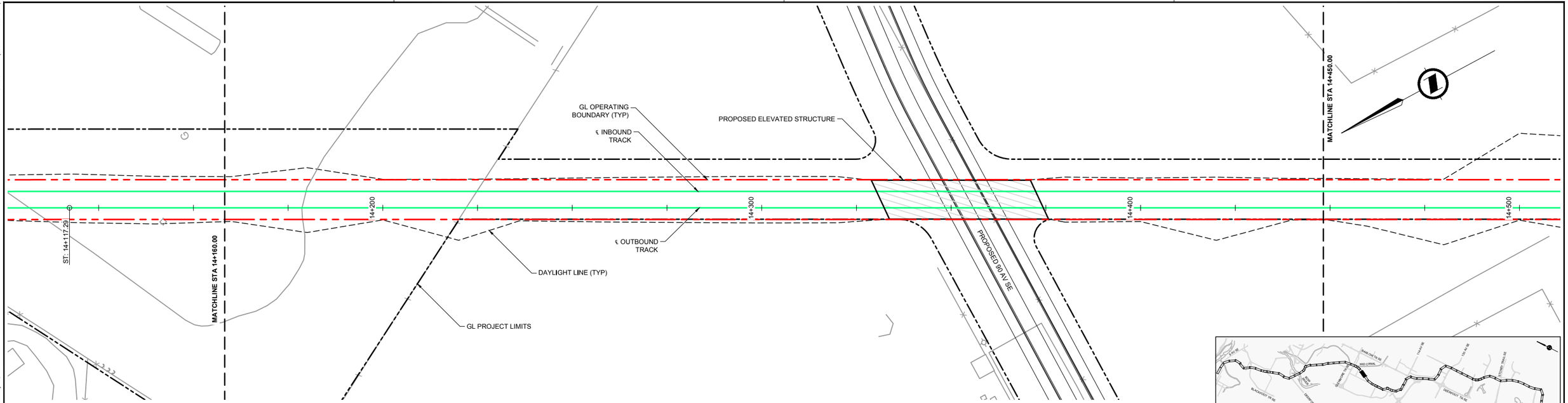
Calgary

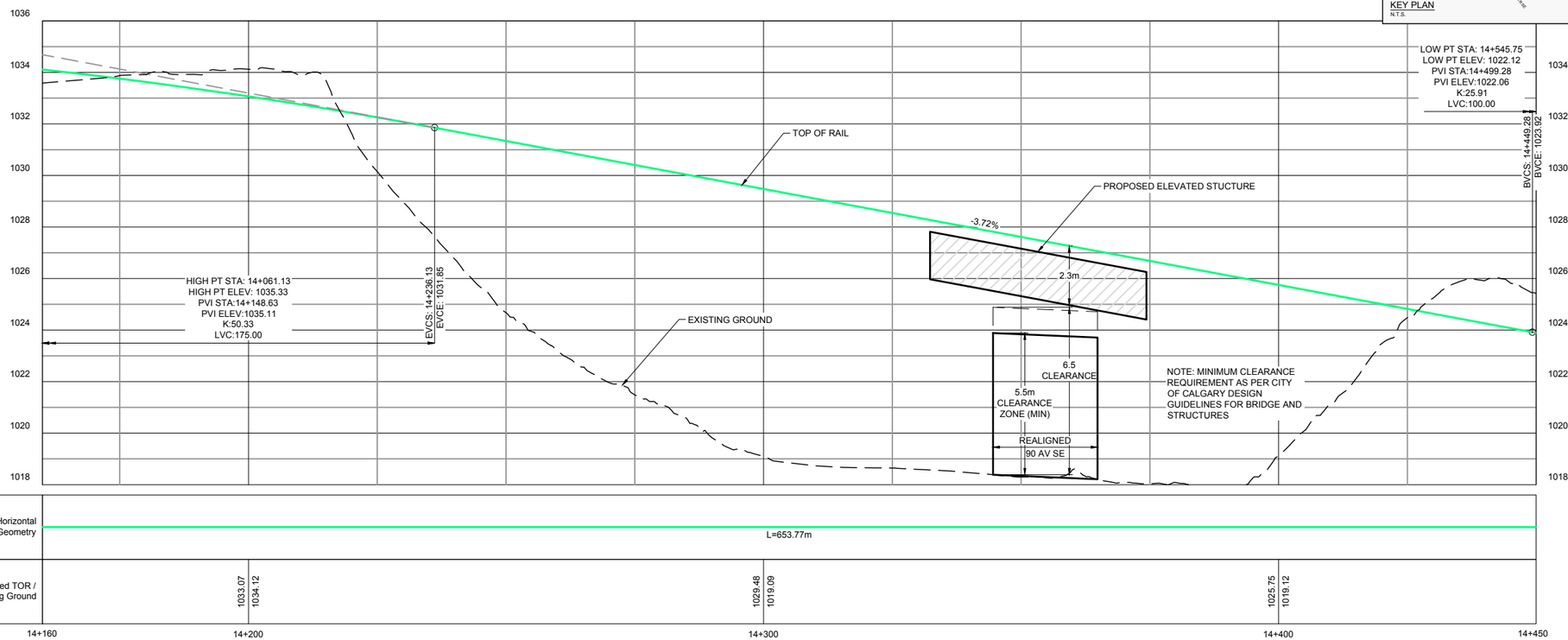
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 13+875.00 - STA 14+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1013	C
DATE: 2017/02/17	SHEET: 33 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:39 AM





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1013

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1015

CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg

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HATCH PROJECT No. H-351173
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REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1014	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 14+160.00 - STA 14+450.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1014	C
DATE: 2017/02/17	SHEET: 34 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:39 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg

MATCHLINE STA 14+450.00

MATCHLINE STA 14+800.00

GL PROJECT LIMITS

GL OPERATING BOUNDARY (TYP)

℄ INBOUND TRACK

℄ OUTBOUND TRACK

DAYLIGHT LINE (TYP)

PROPOSED STORM POND

14+500

14+600

14+700

14+800

TS: 14+771.05

SC: 14+816.05

KEY PLAN
N.T.S.

LOW PT STA: 14+545.75
LOW PT ELEV: 1022.12
PVI STA:14+499.28
PVI ELEV:1022.06
K:25.91
LVC:100.00

EVCS: 14+549.28
EVCE: 1022.12

TOP OF RAIL

EXISTING GROUND

0.14%

1026
1024
1022
1020
1018

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1014

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1016

Horizontal Geometry

L=653.77m

Ls=45.00m

Proposed TOR / Existing Ground

1022.53
1020.25

1022.19
1020.50

1022.33
1019.05

14+450
14+500
14+600
14+700
14+800

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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HATCH PROJECT No. H-351173

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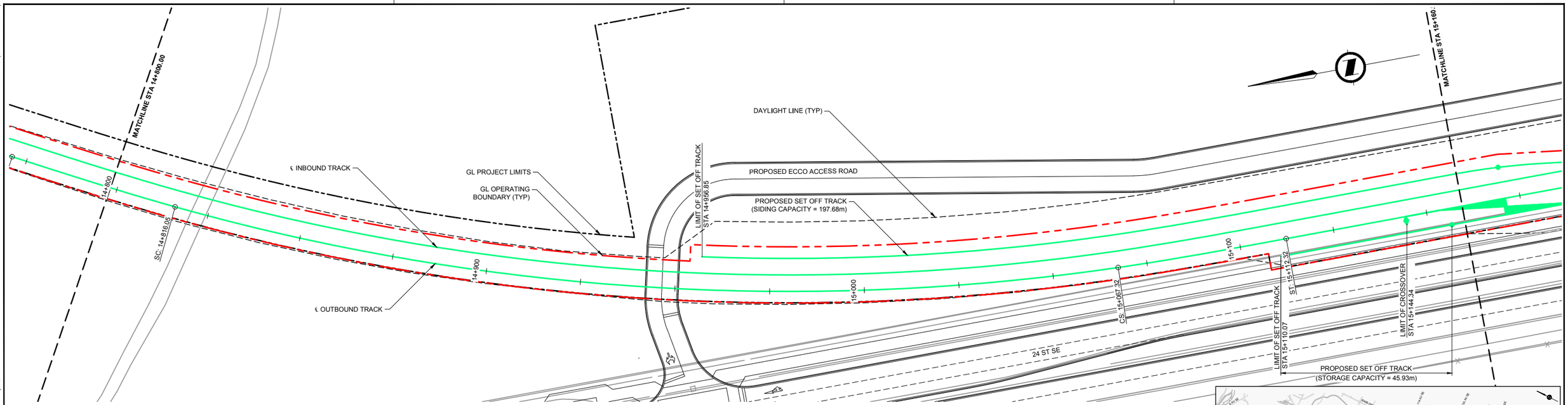
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1015	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

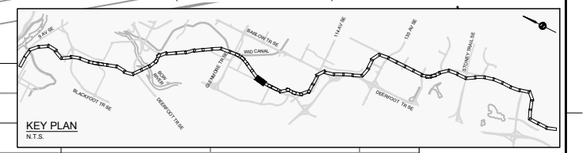
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 14+450.00 - STA 14+800.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1015	C
DATE: 2017/02/17	SHEET: 35 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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HATCH PROJECT No. H-351173

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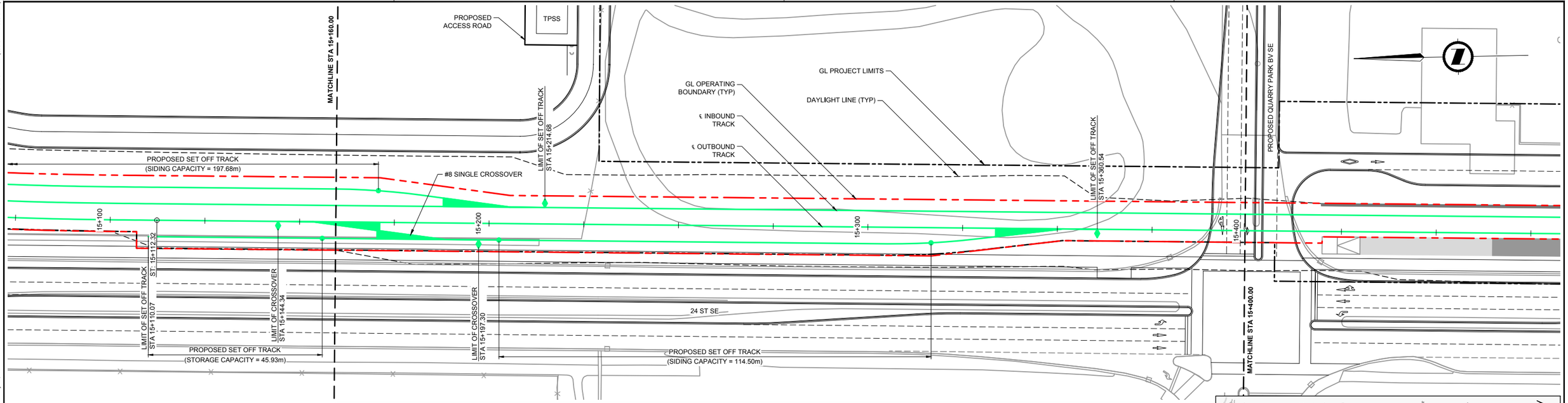
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1016	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

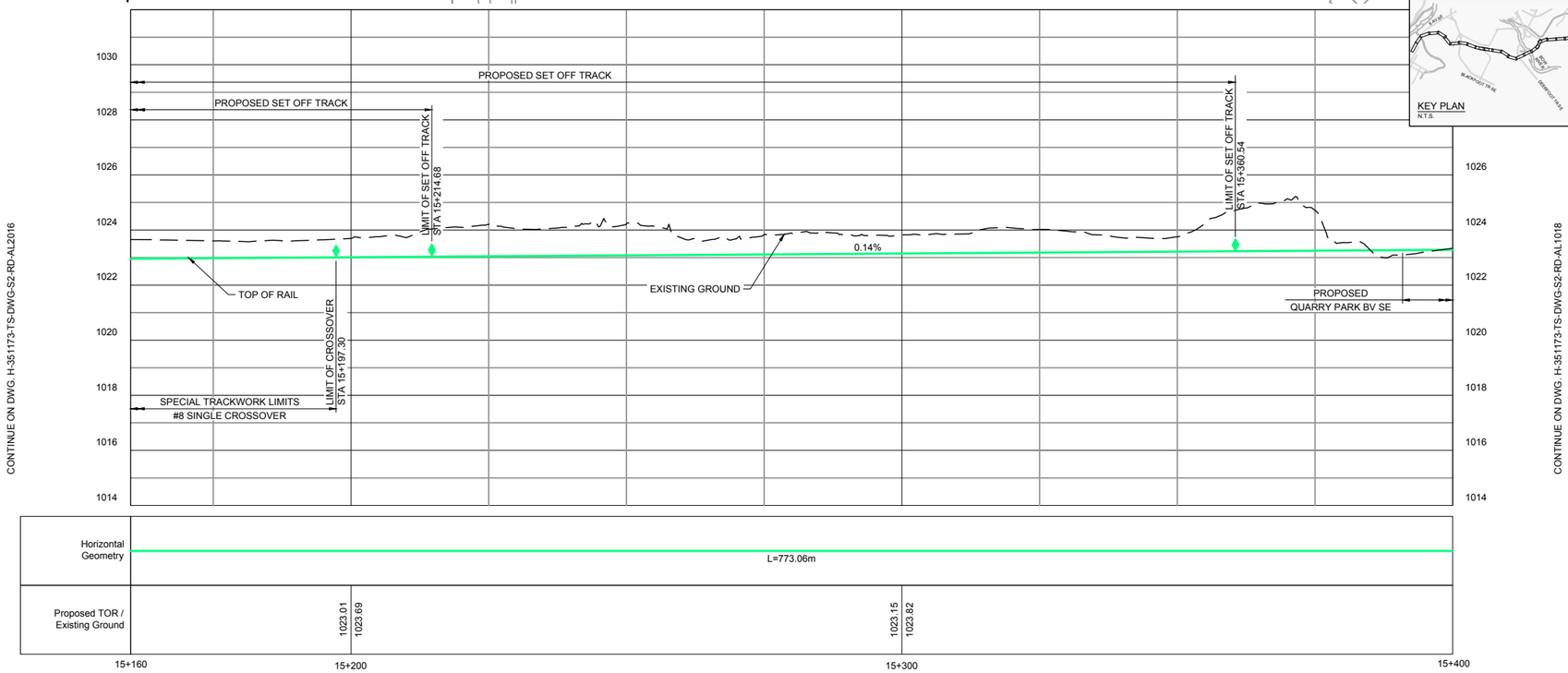
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 14+800.00 - STA 15+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1016	C
DATE: 2017/02/17	SHEET: 36 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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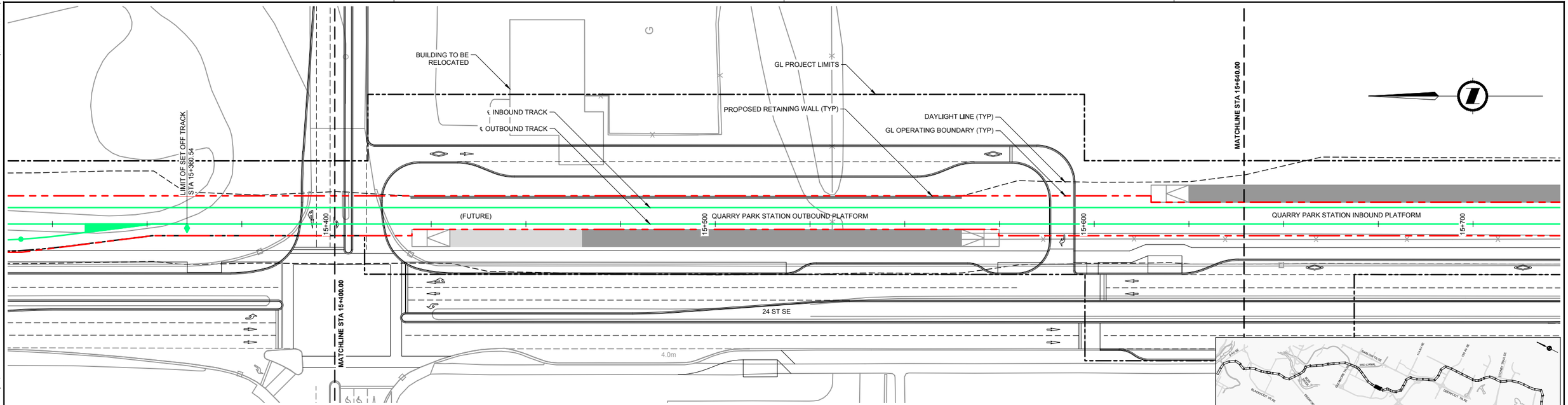
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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1017	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

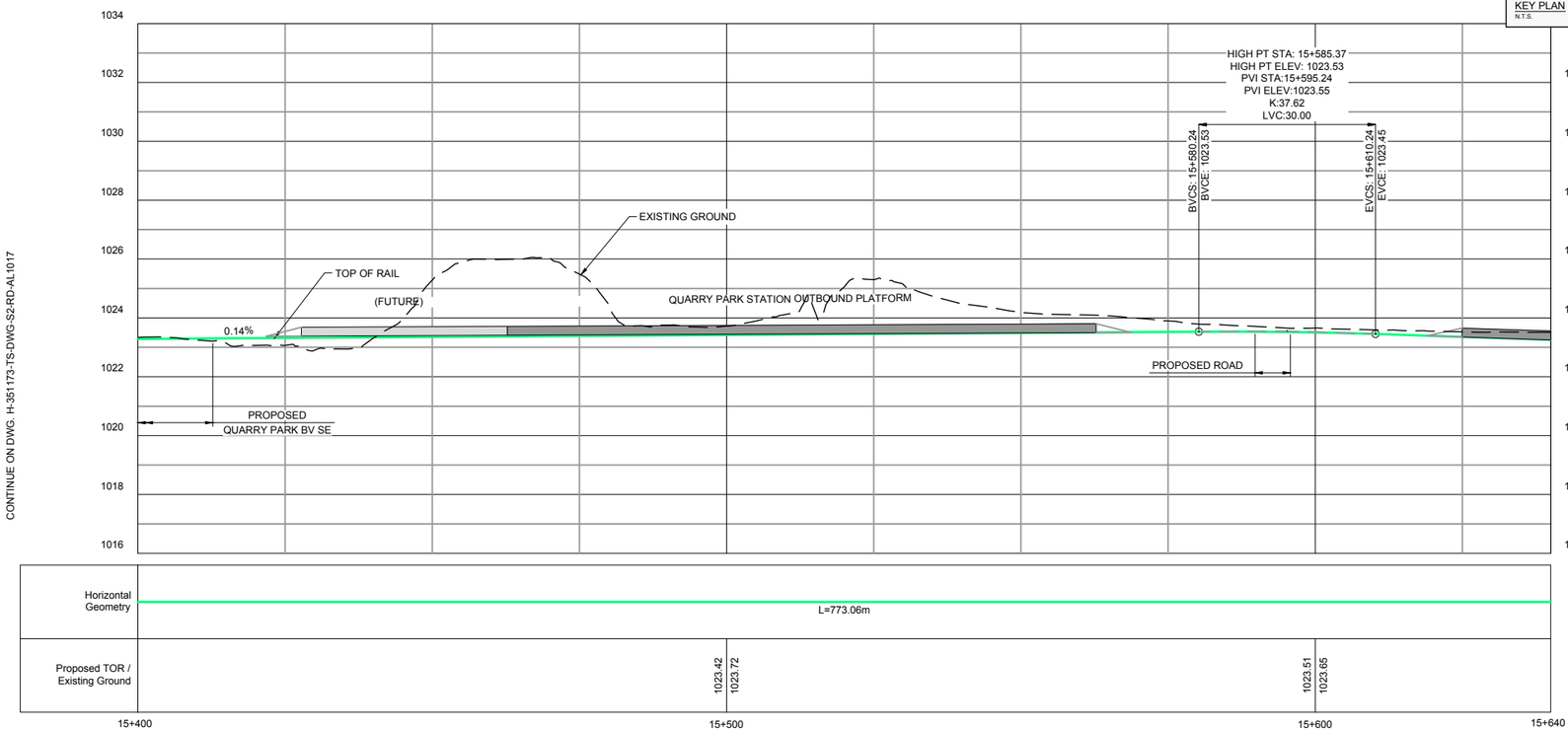
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 15+160.00 - STA 15+400.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1017	C
DATE: 2017/02/17	SHEET: 37 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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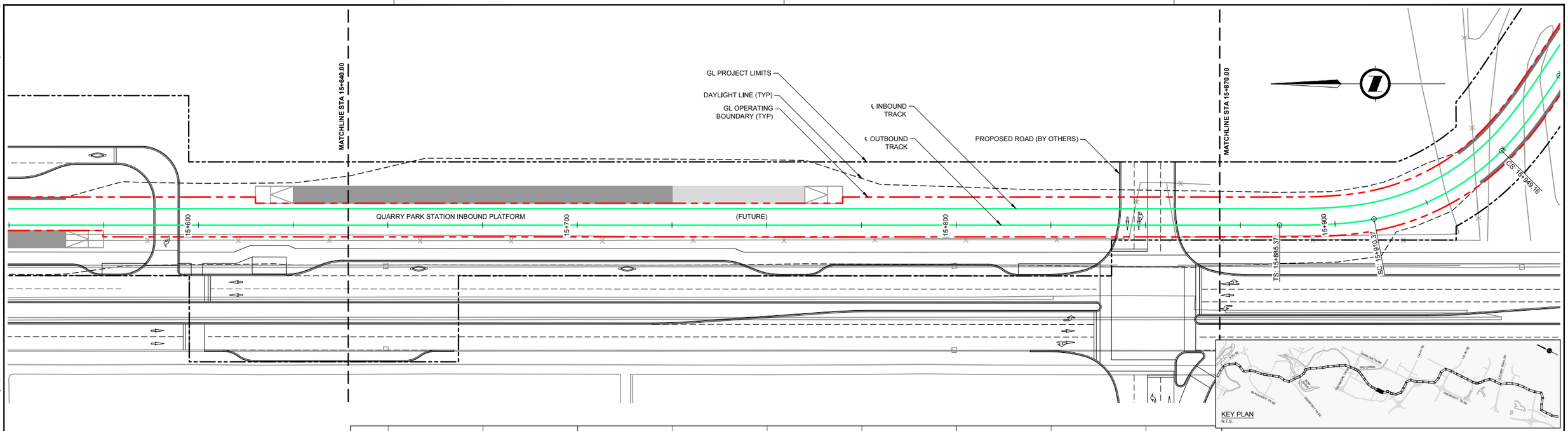
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

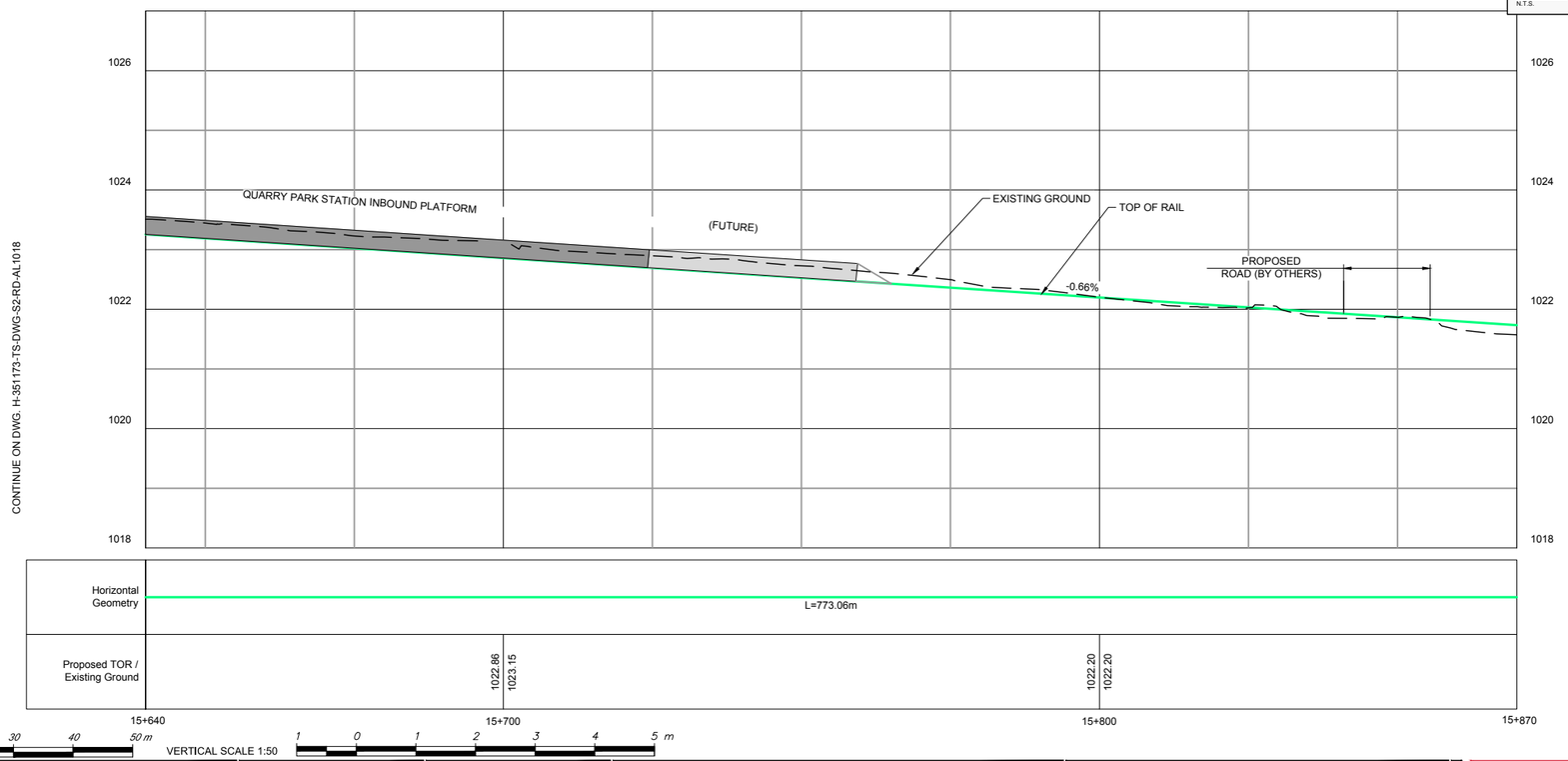
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 15+400.00 - STA 15+640.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1018	C
DATE: 2017/02/17	SHEET: 38 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m) VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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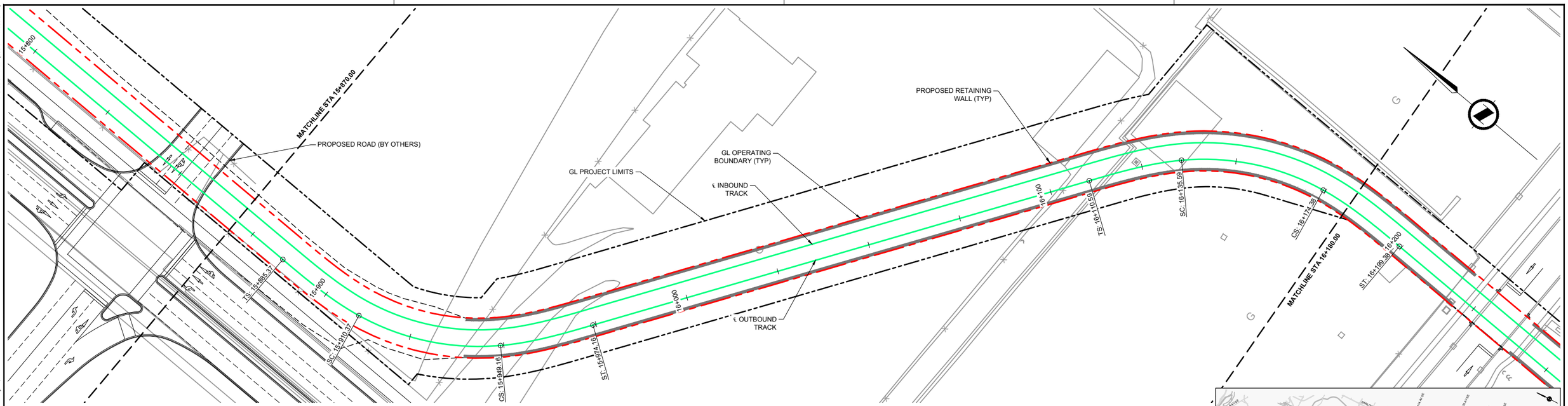
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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1019	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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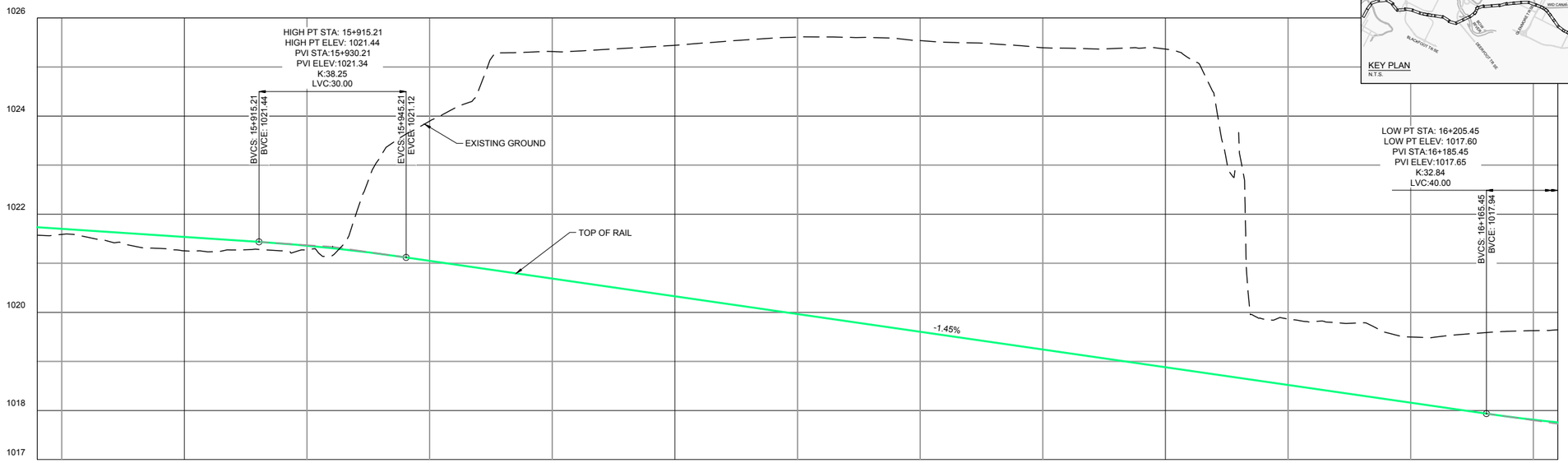
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 15+640.00 - STA 15+870.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1019	C
DATE: 2017/02/17	SHEET: 39 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg







CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1019

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1021

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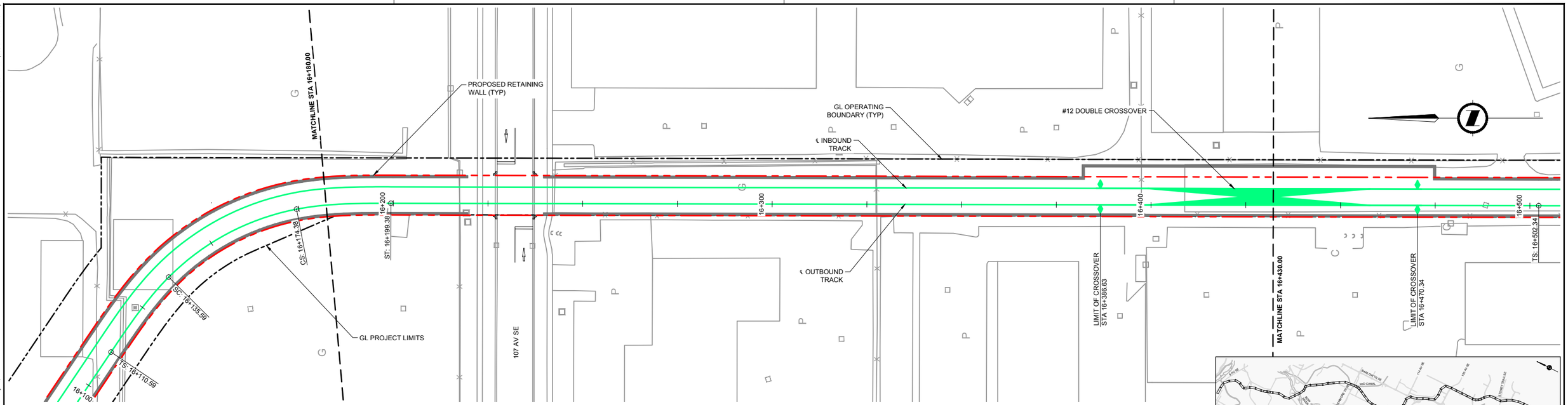
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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1020	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

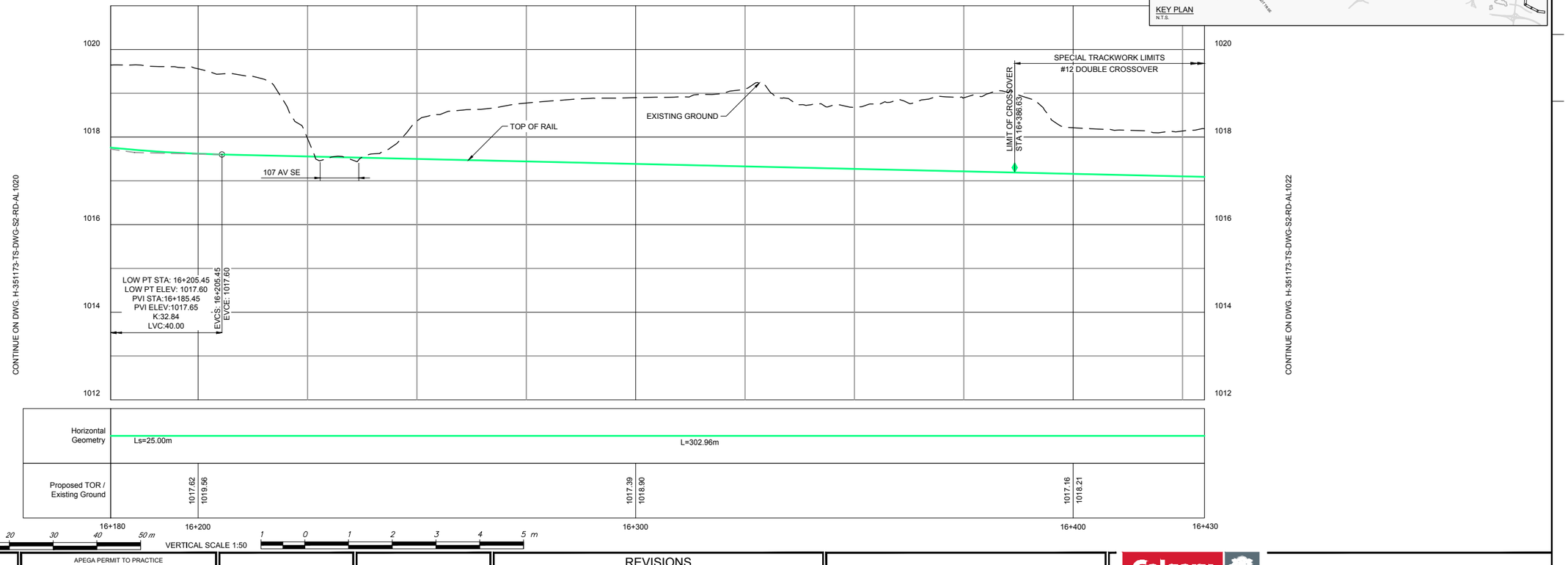
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 15+870.00 - STA 16+180.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1020	C
DATE: 2017/02/17	SHEET: 40 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m) VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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HATCH PROJECT No. H-351173
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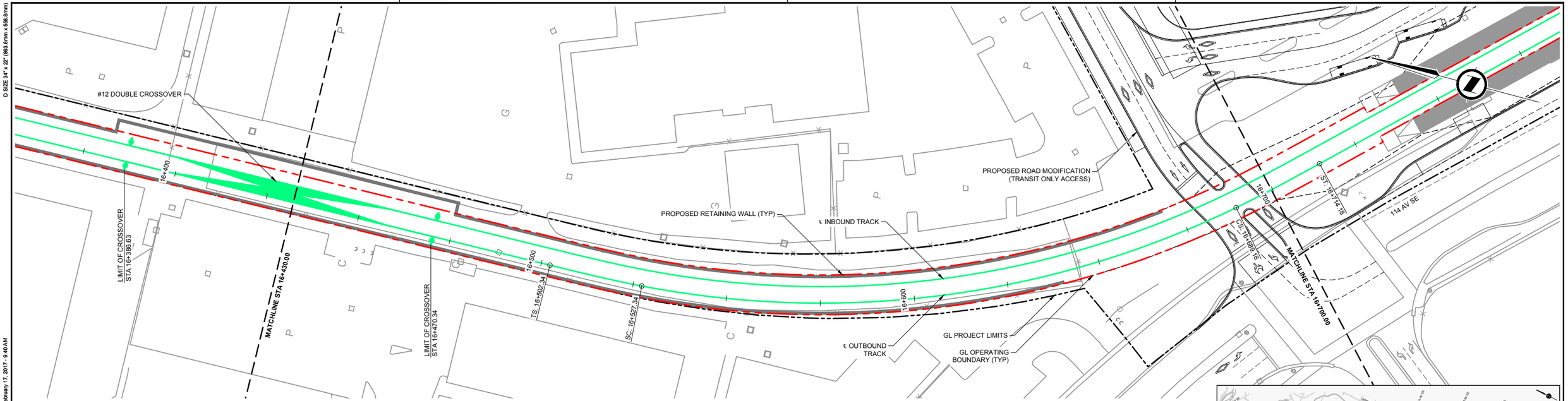
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1021	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

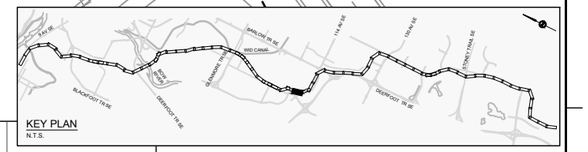
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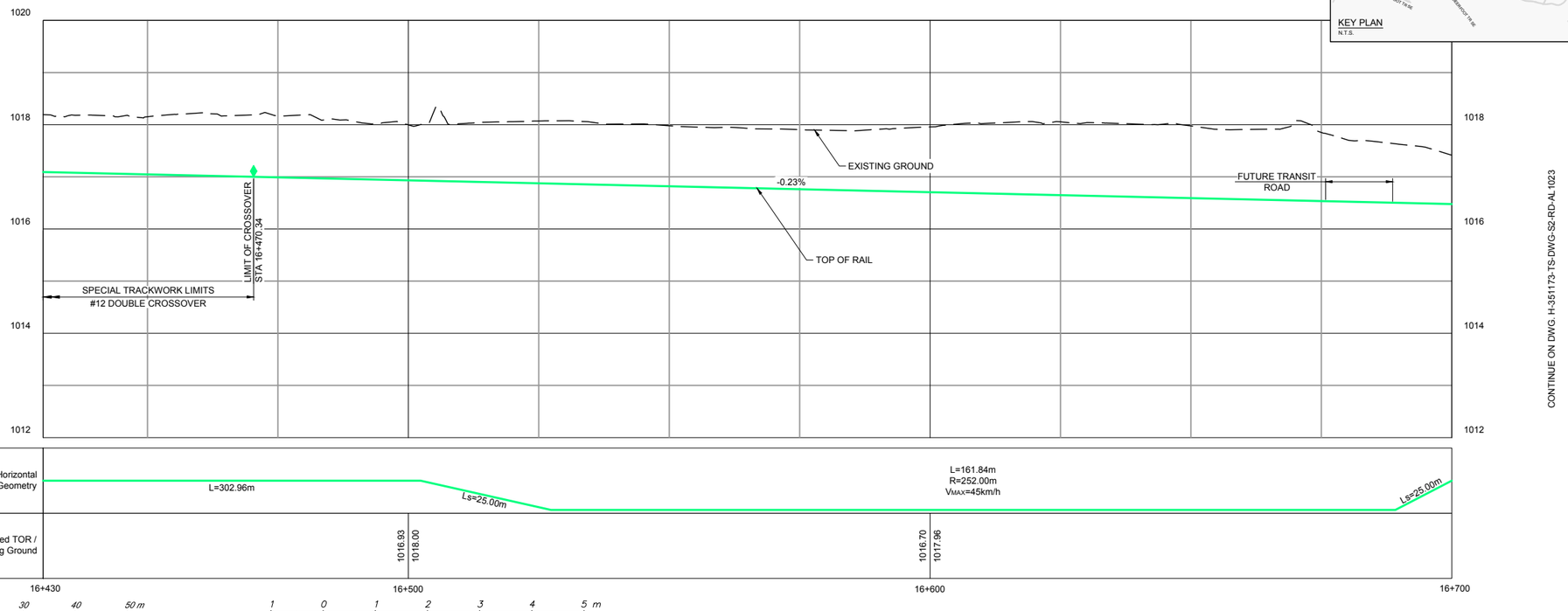
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 16+180.00 - STA 16+430.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1021	C
DATE: 2017/02/17	SHEET: 41 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:40 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg







HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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HATCH PROJECT No. H-351173

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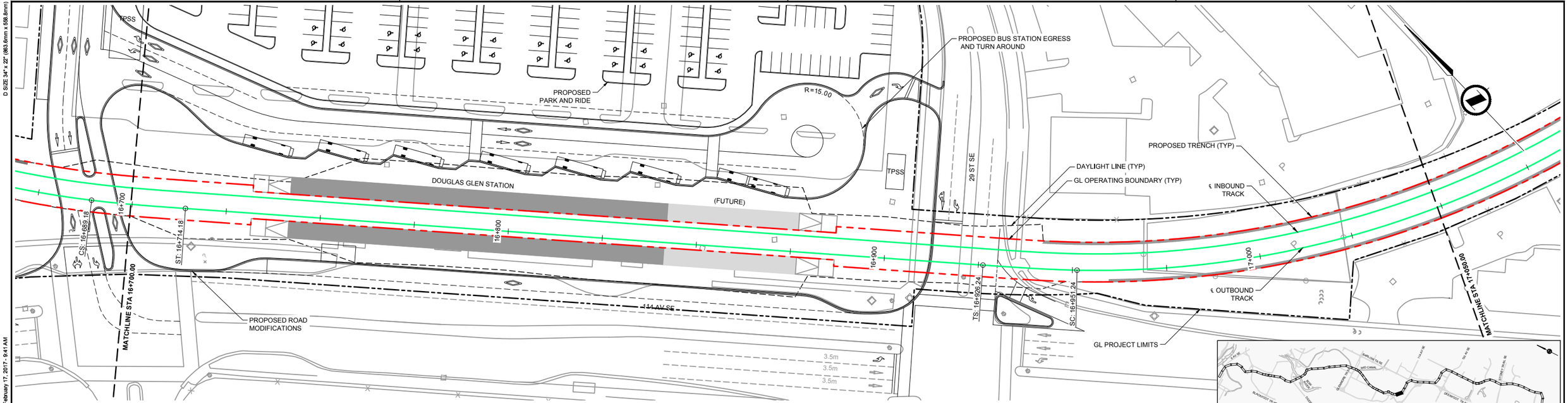
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1022	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

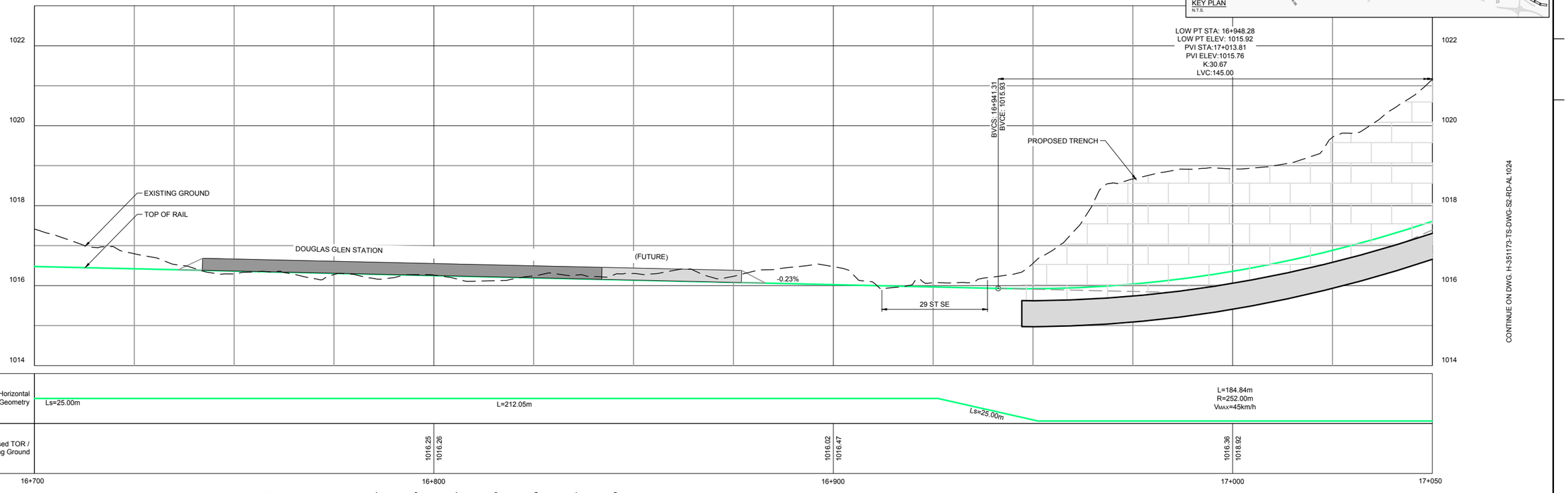
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 16+430.00 - STA 16+700.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1022	C
DATE: 2017/02/17	SHEET: 42 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:41 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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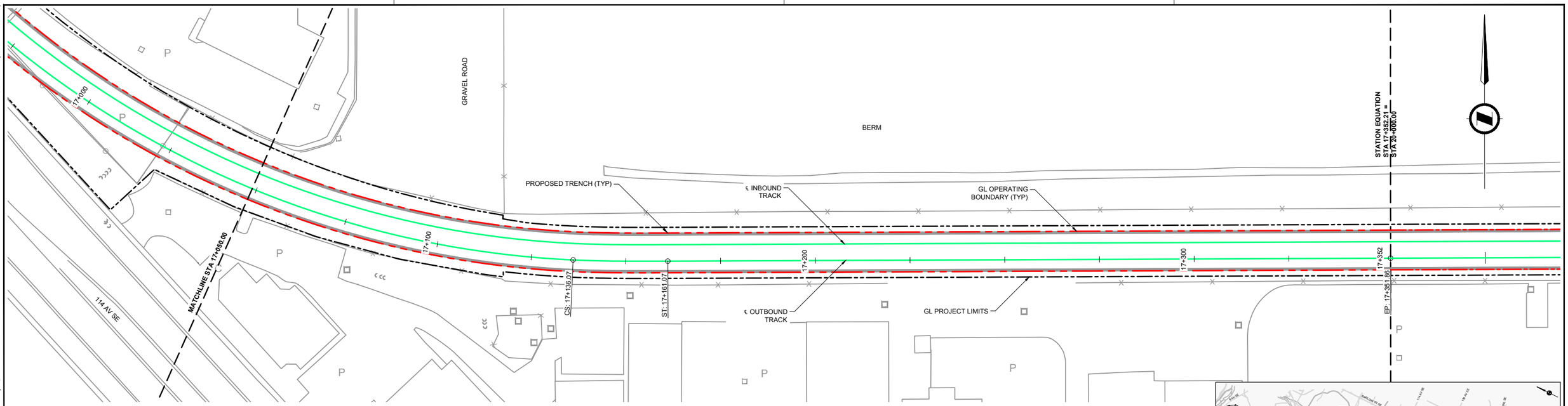
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1023	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

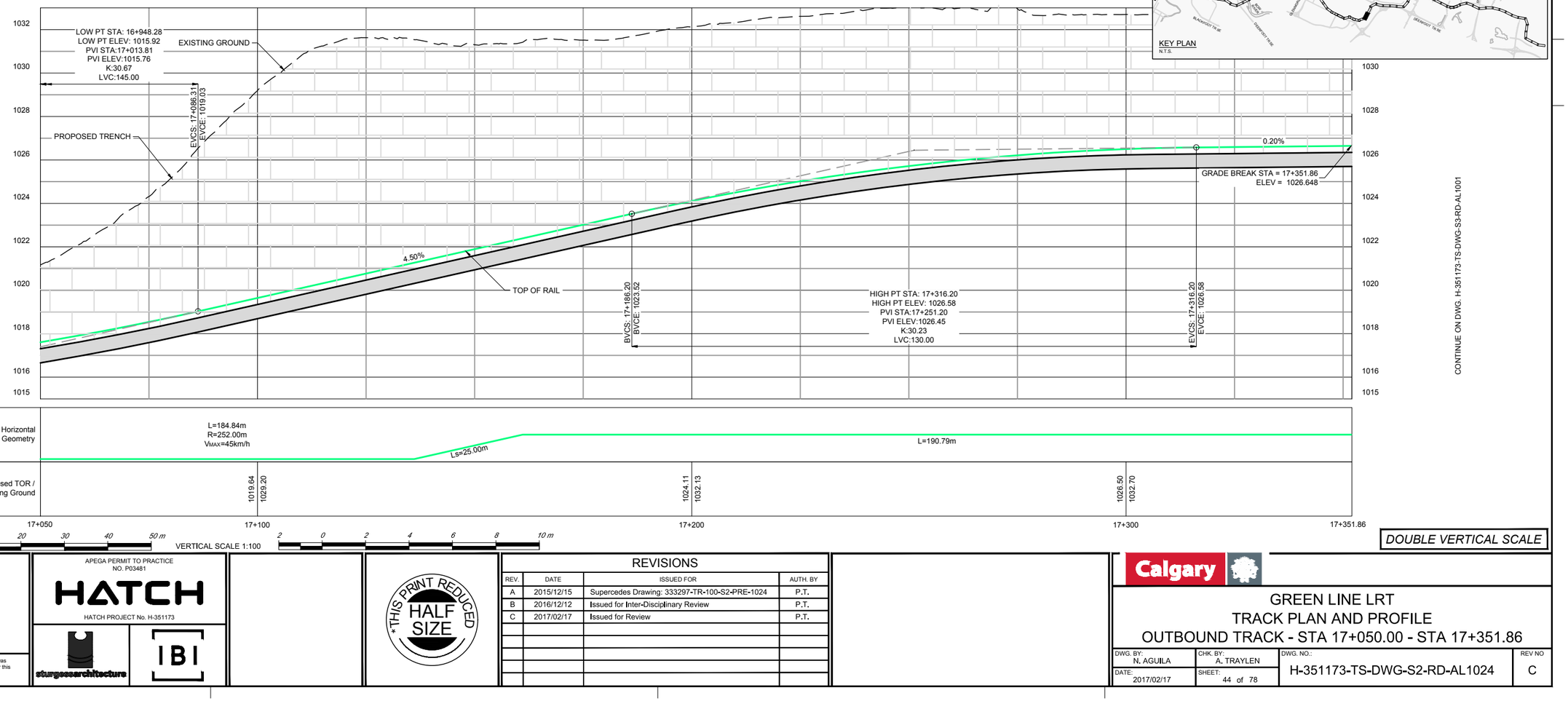
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 16+700.00 - STA 17+050.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1023	C
DATE: 2017/02/17	SHEET: 43 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:41 AM
CAD FILE: H-351173-TS-DWG-S2-RD-AL1001.dwg





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HATCH PROJECT No. H-351173

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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S2-PRE-1024	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

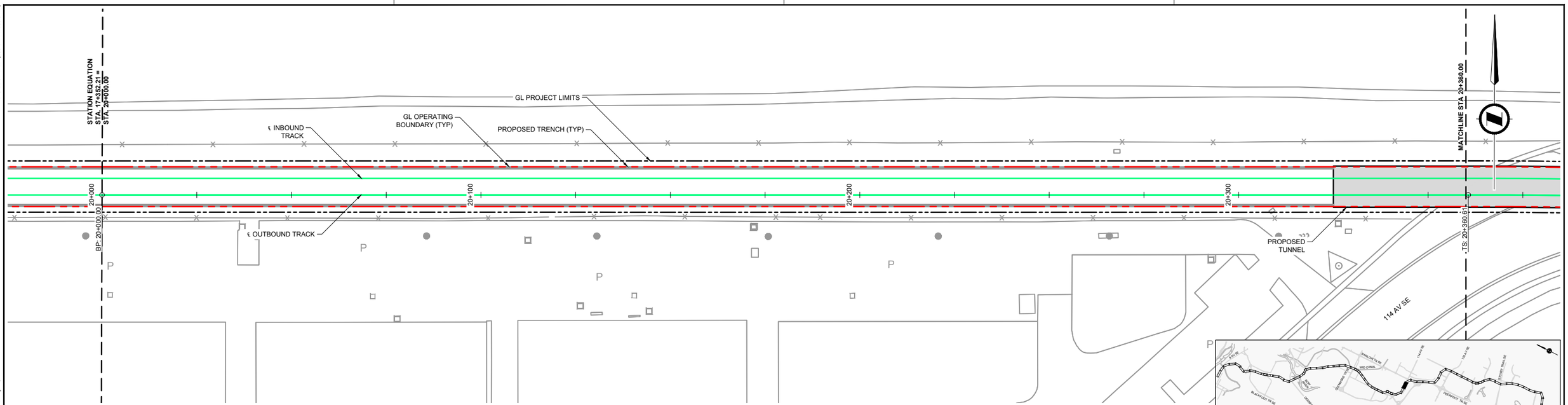
Calgary

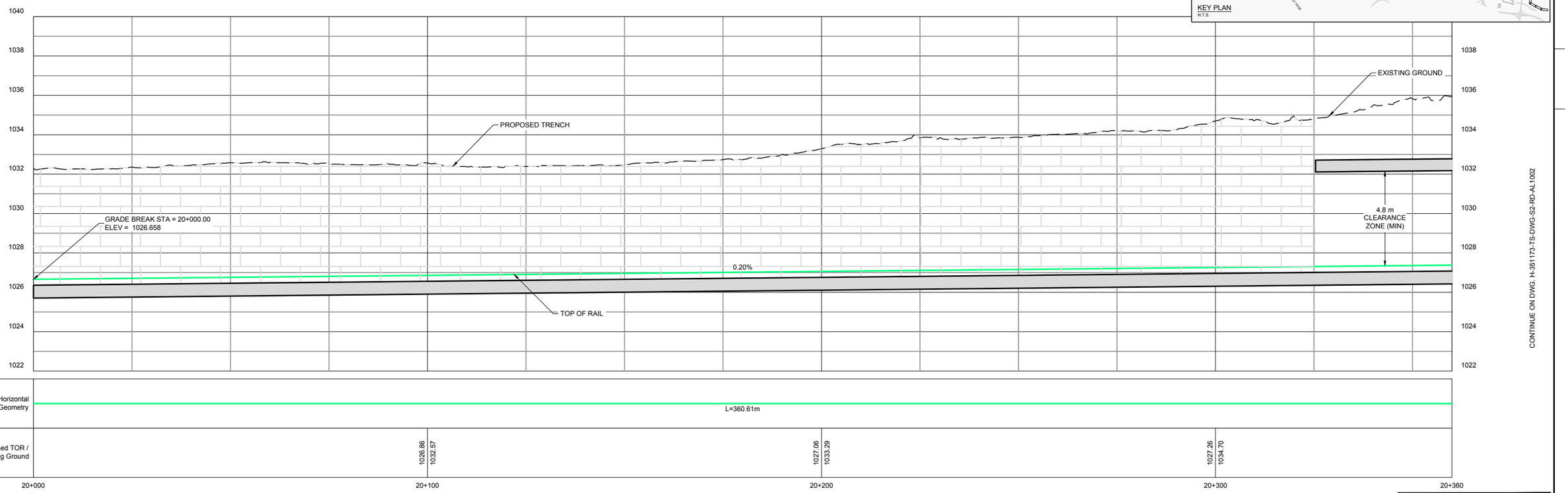
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 17+050.00 - STA 17+351.86

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S2-RD-AL1024	C
DATE: 2017/02/17	SHEET: 44 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:03 AM





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1024

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1002

DOUBLE VERTICAL SCALE

CAD FILE H-351173-TS-DWG-S3-RD-AL1001.dwg

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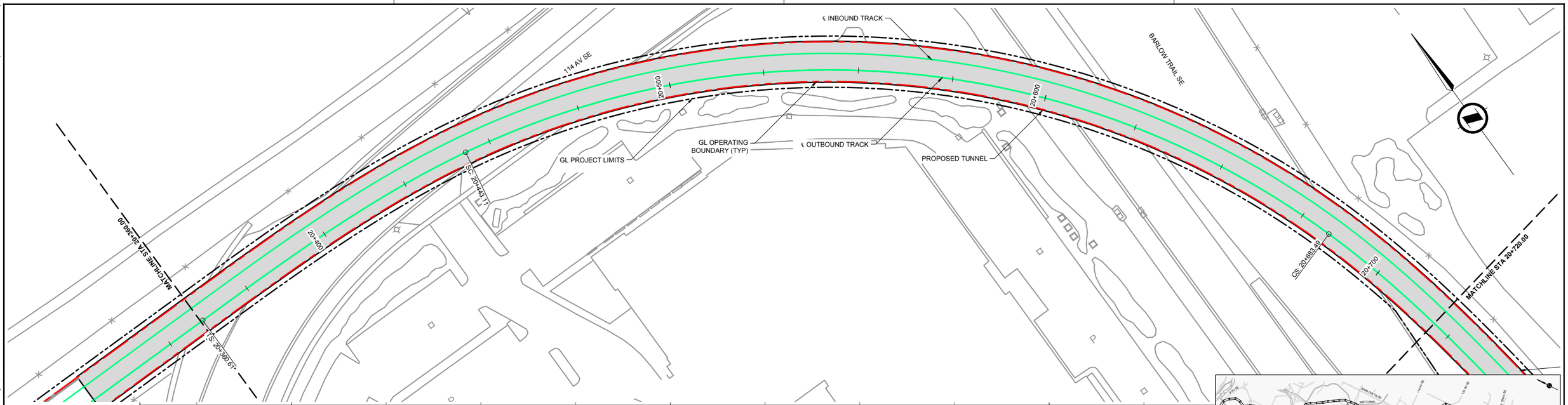
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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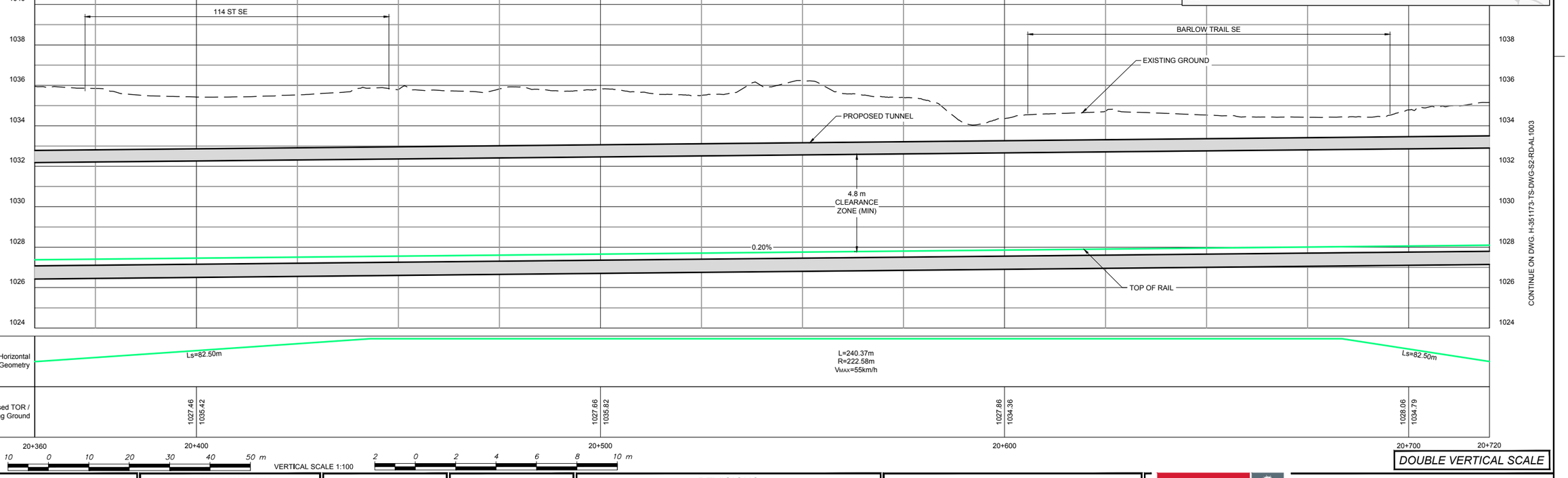
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 20+000.00 - STA 20+360.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1001	C
DATE: 2017/02/17	SHEET: 45 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:03 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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HATCH PROJECT No. H-351173

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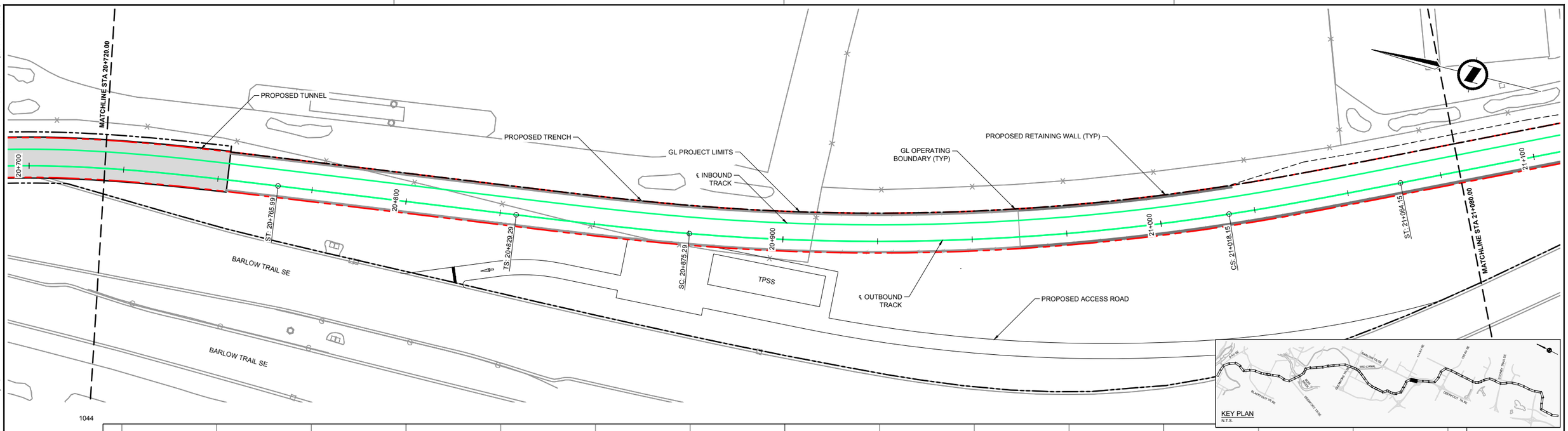
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A	2015/12/15	Supercedes Drawing: 333297-TR-100-S3-PRE-1002	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

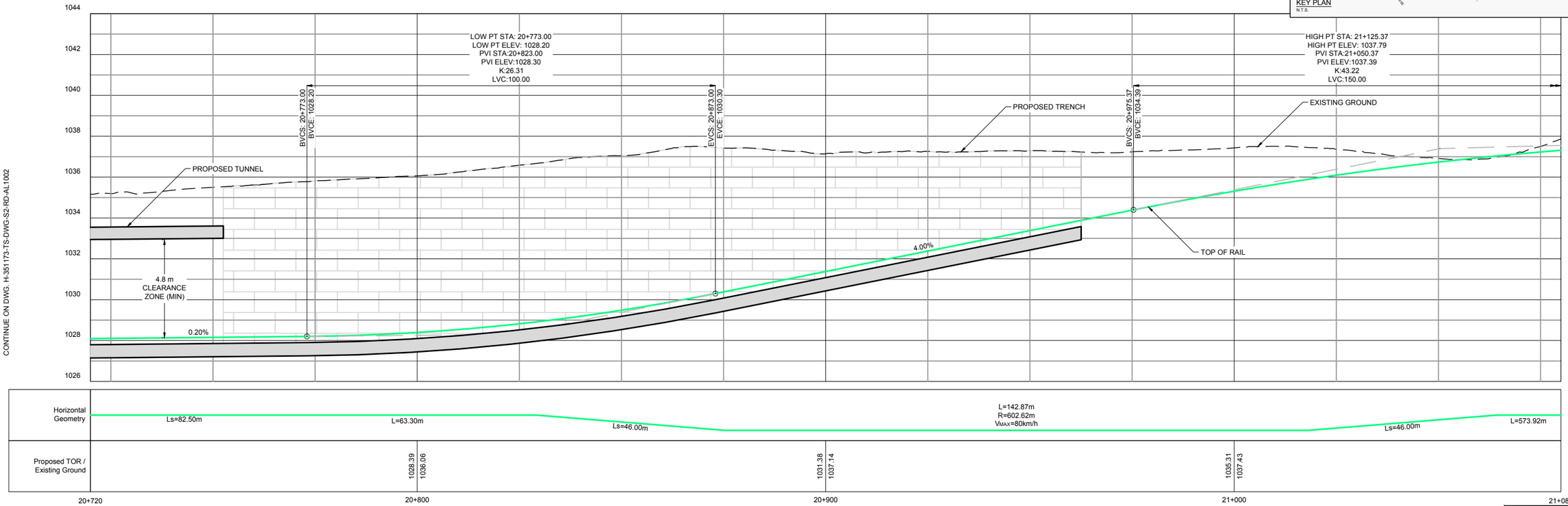
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 20+360.00 - STA 20+720.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1002	C
DATE: 2017/02/17	SHEET: 46 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:04 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1002
CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1004

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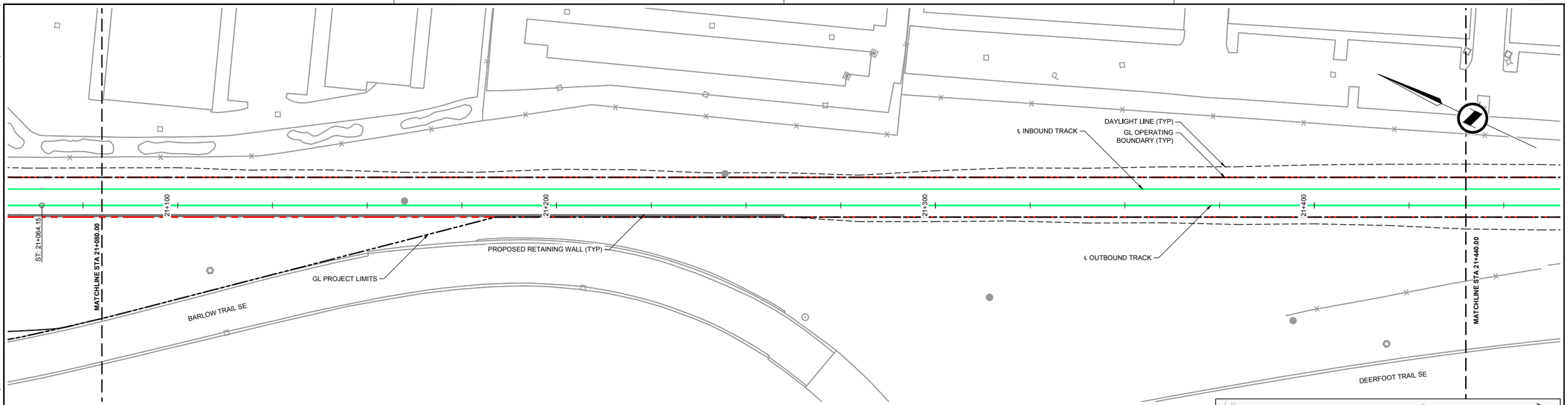
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

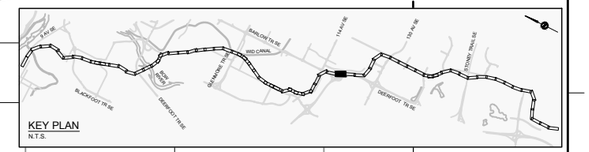
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 20+720.00 - STA 21+080.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1003	C
DATE: 2017/02/17	SHEET: 47 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:04 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

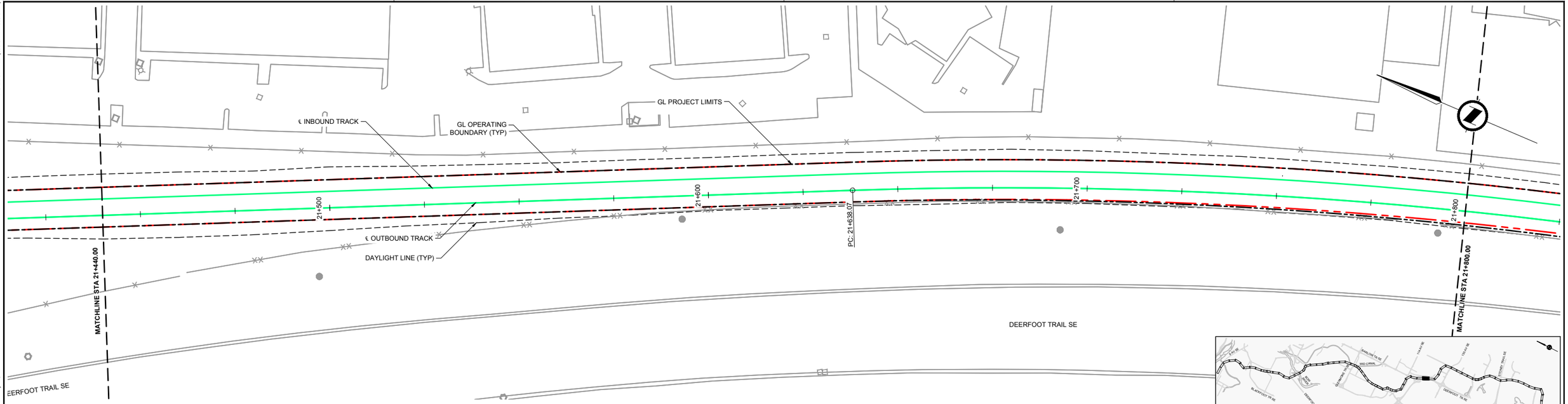
Calgary

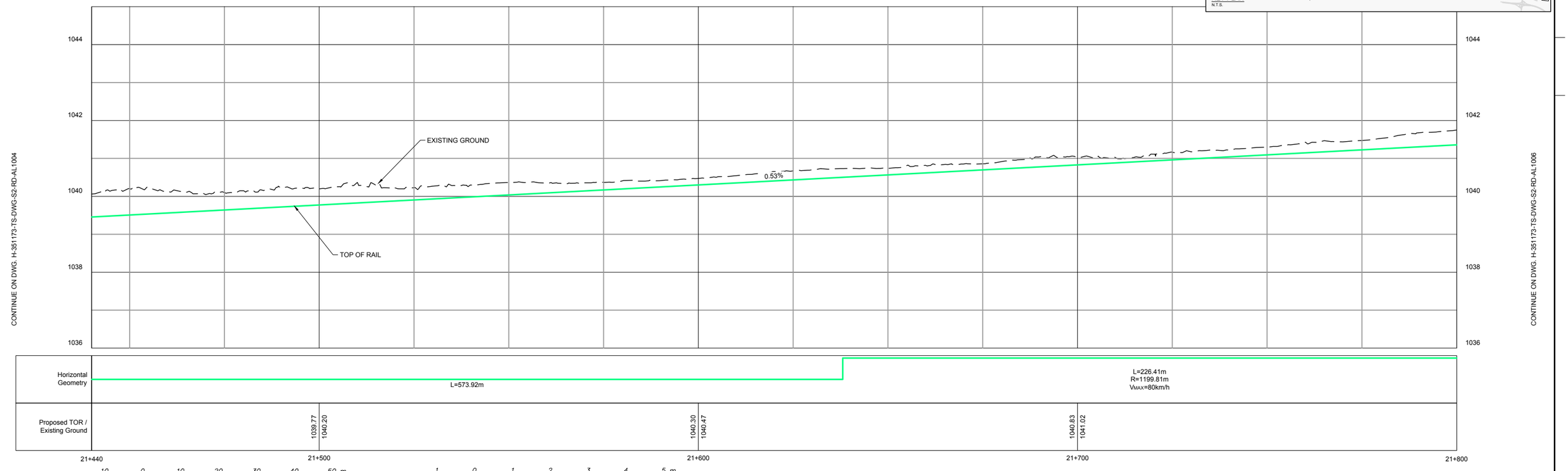
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 21+080.00 - STA 21+440.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1004	C
DATE: 2017/02/17	SHEET: 48 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:04 AM





CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

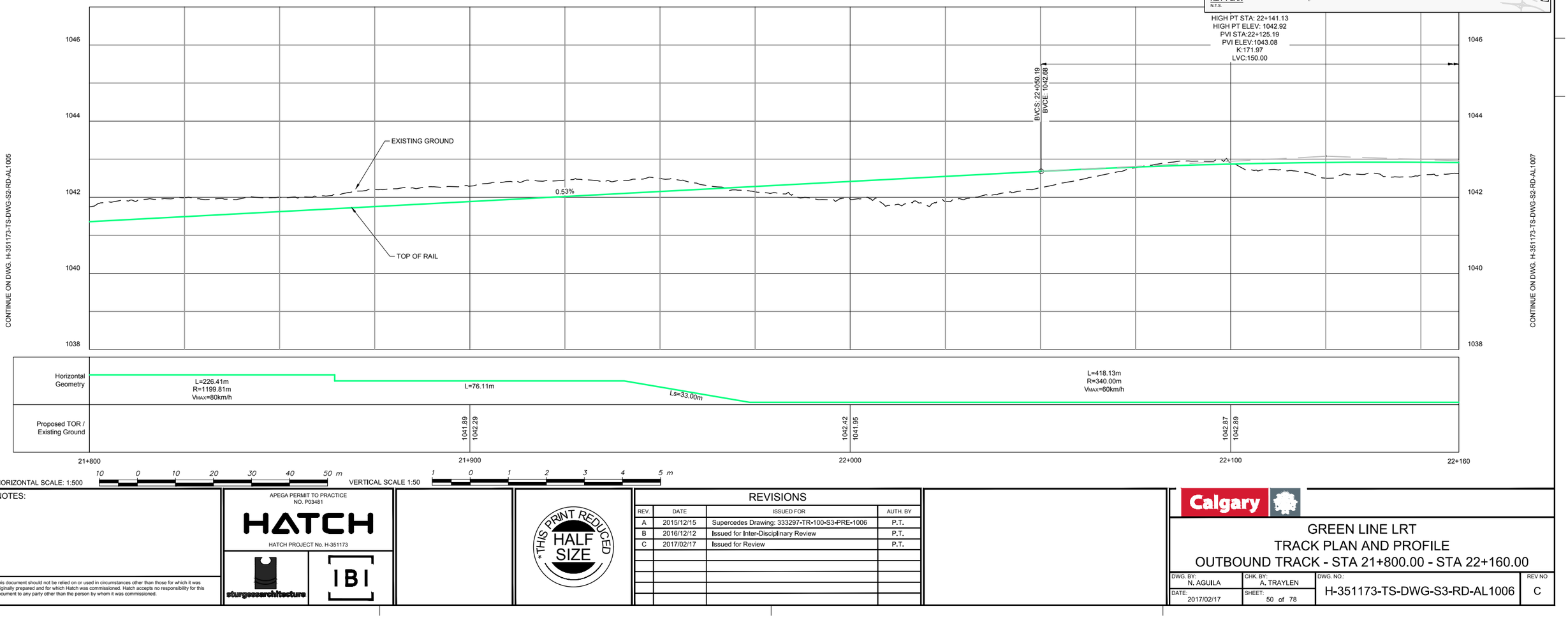
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 21+440.00 - STA 21+800.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1005	C
DATE: 2017/02/17	SHEET: 49 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:05 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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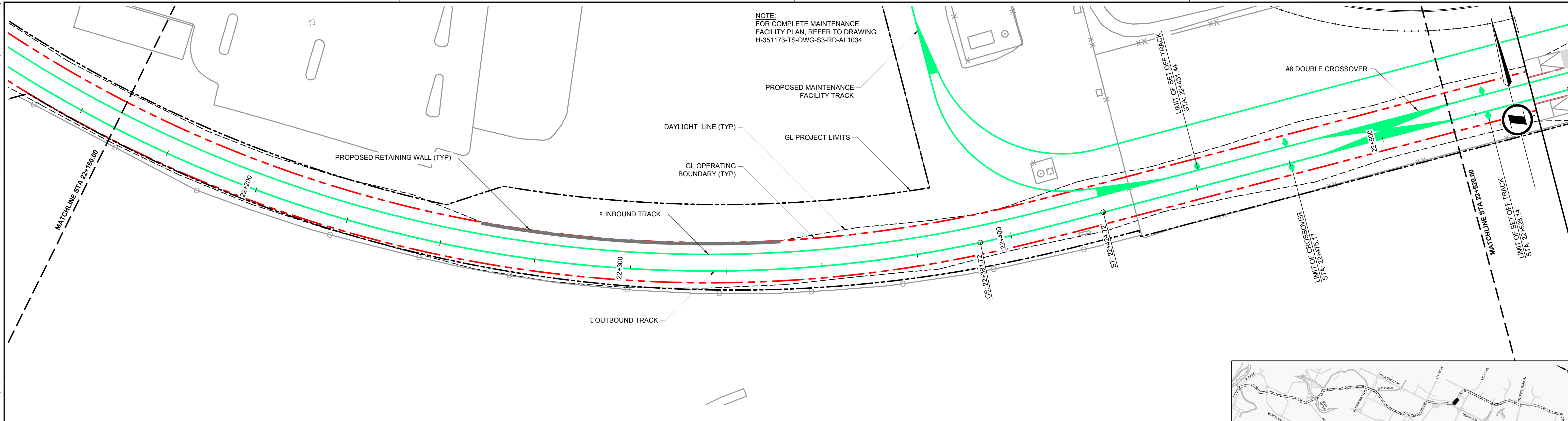
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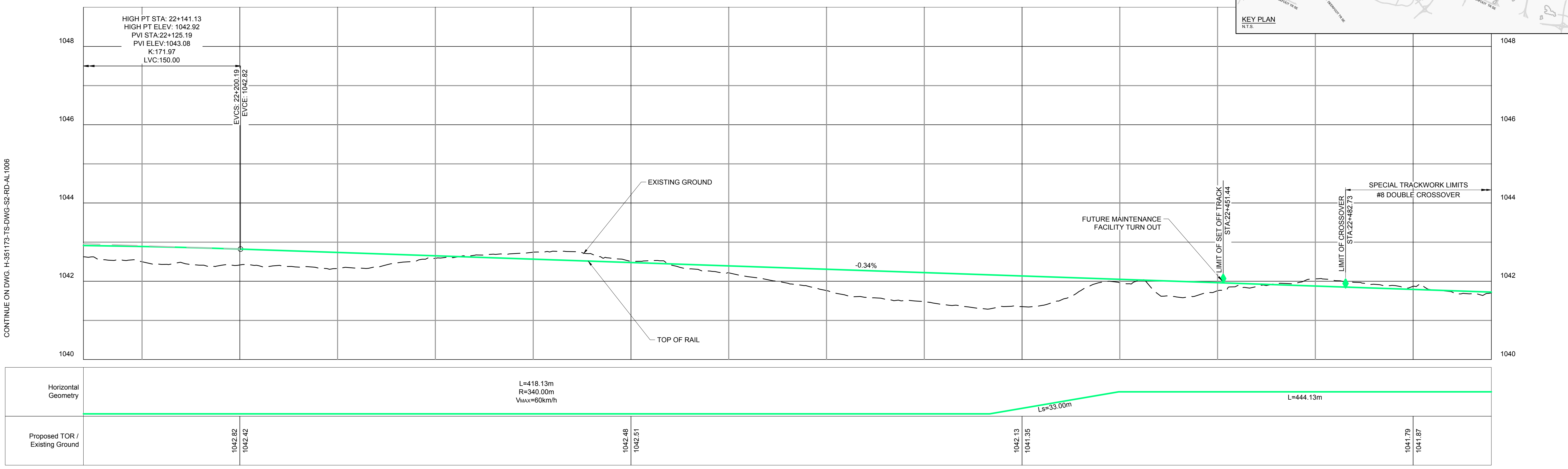
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 21+800.00 - STA 22+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1006	C
DATE: 2017/02/17	SHEET: 50 of 78		





HORIZONTAL SCALE: 1:500 — 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:50 — 1 0 1 2 3 4 5 m

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 22+160.00 - STA 22+520.00

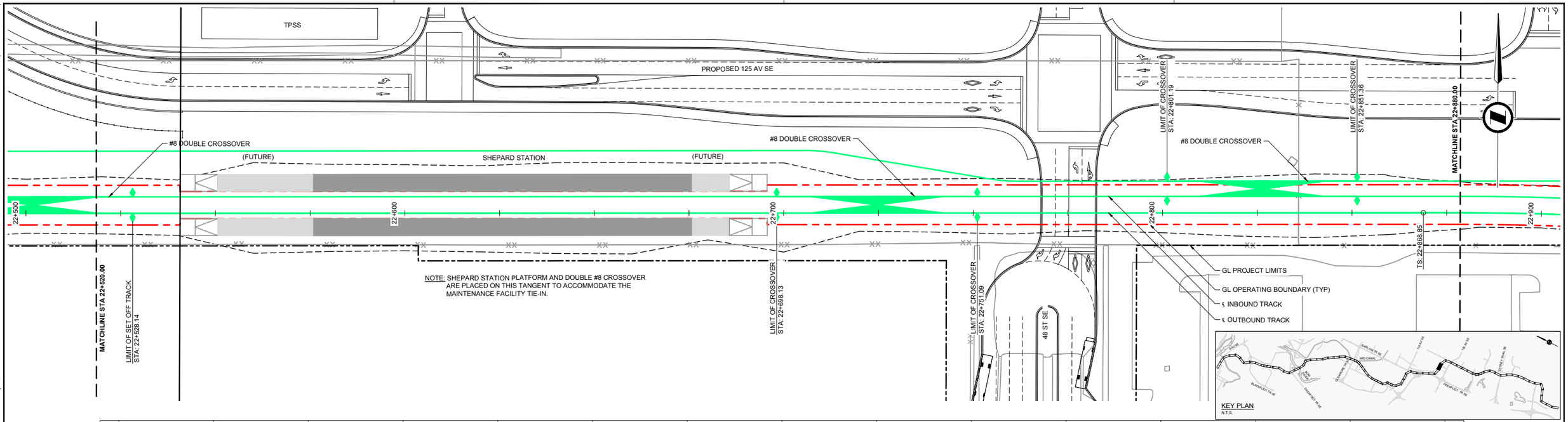
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1007	C
DATE: 2017/02/17	SHEET: 51 of 78		

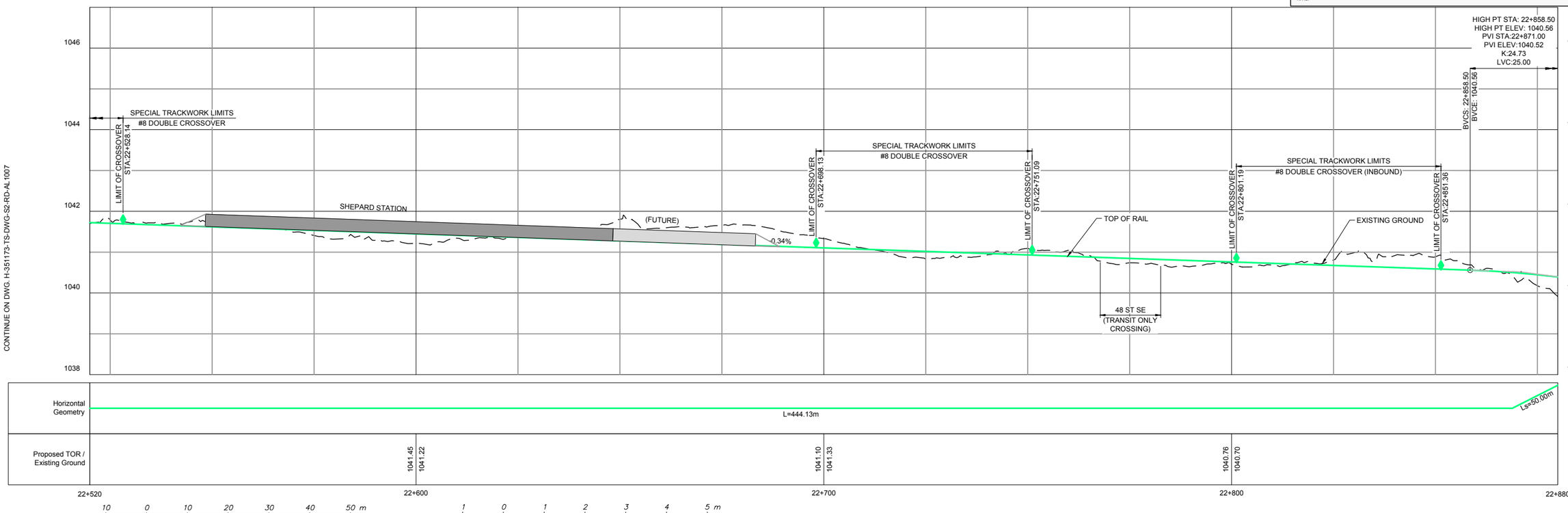
D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:05 AM

CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:06 AM





CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

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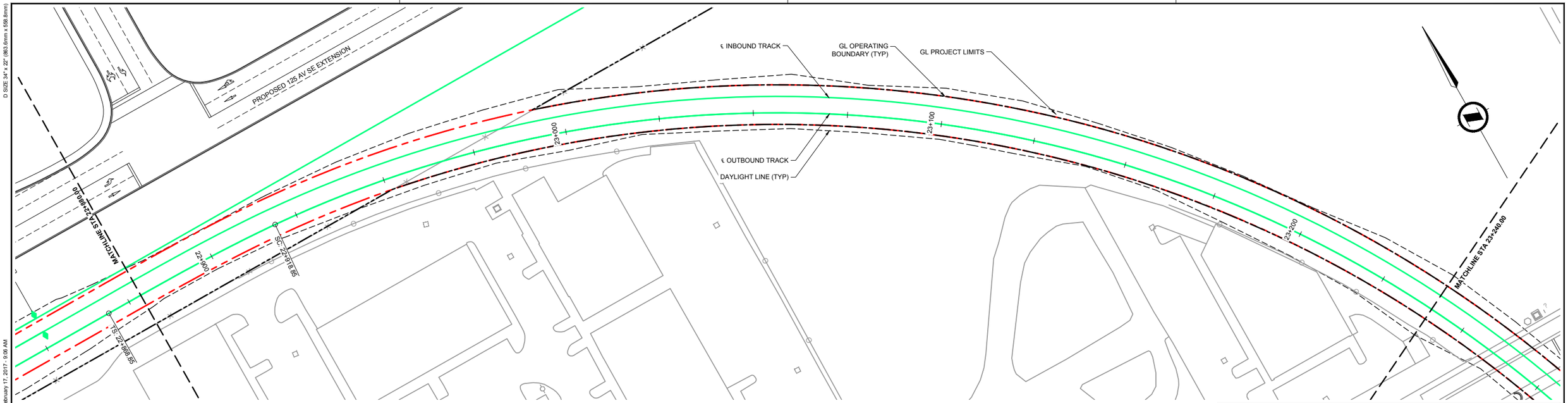
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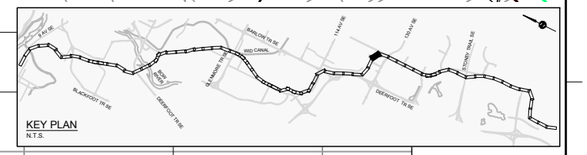
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 22+520.00 - STA 22+880.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1008	C
DATE: 2017/02/17	SHEET: 52 of 78		

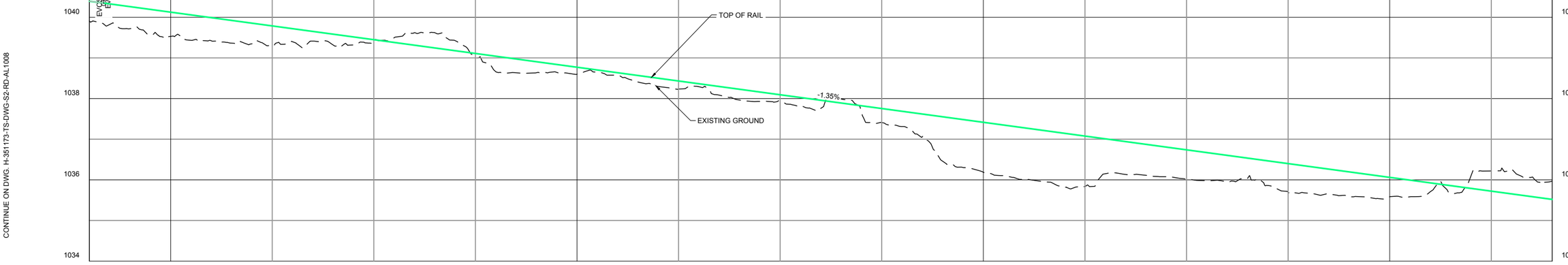
D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:09 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





HIGH PT STA: 22+858.50
HIGH PT ELEV: 1040.56
PVI STA:22+871.00
PVI ELEV:1040.52
K:24.73
LVC:25.00

EVCS: 22+883.50
EVCE: 1040.35



CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1008

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1010

Horizontal Geometry	Ls=50.00m		L=380.88m R=315.00m V_{MAX}=50km/h								
Proposed TOR / Existing Ground	1040.12	1039.53	1038.77	1038.60	1037.42	1036.19	1036.06	1035.58			
	22+880	22+900	23+000		23+100		23+200		23+240		

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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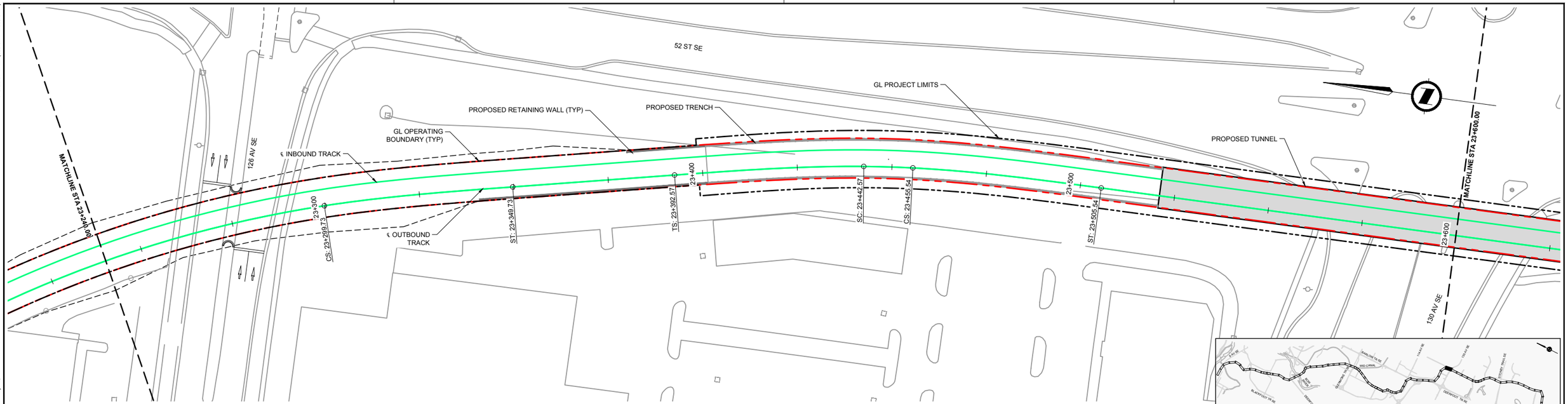
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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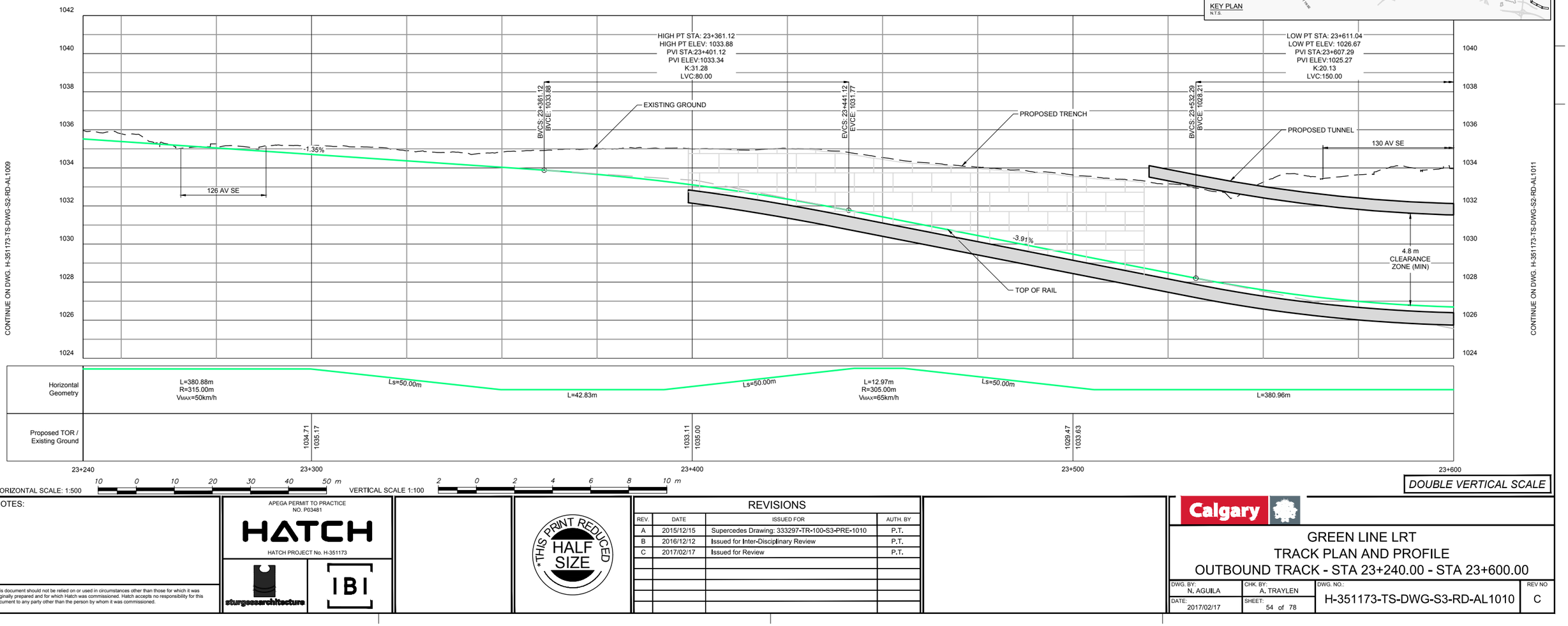
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 22+880.00 - STA 23+240.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1009	C
DATE: 2017/02/17	SHEET: 53 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:06 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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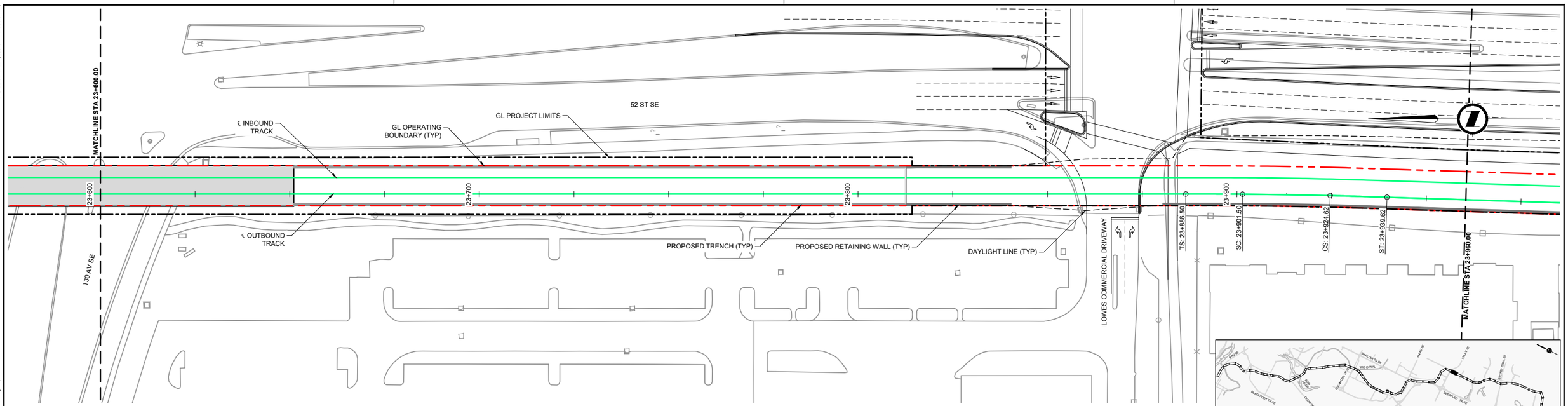
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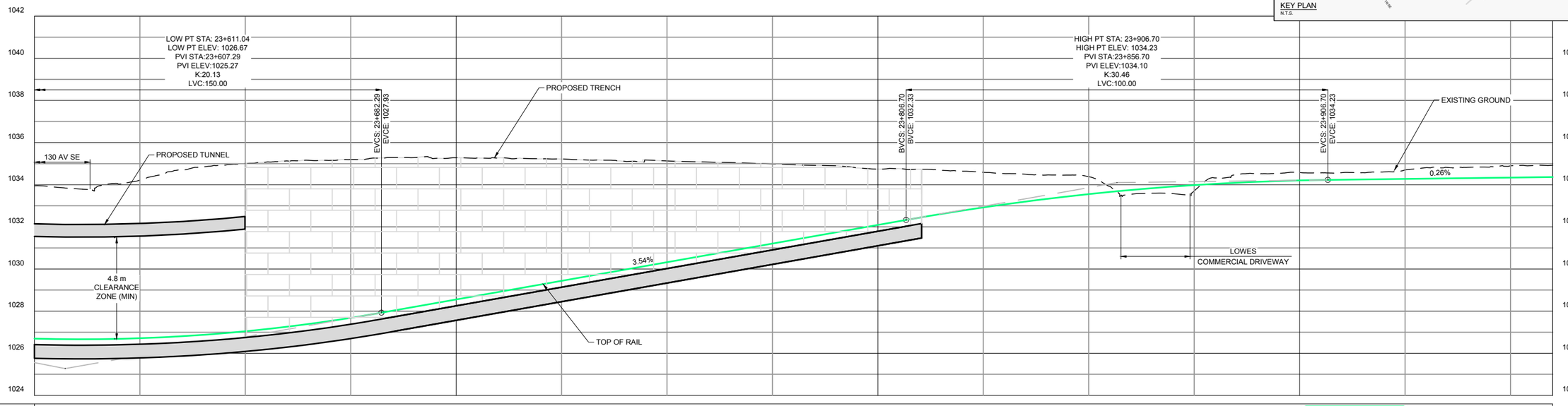
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 23+240.00 - STA 23+600.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1010	C
DATE: 2017/02/17	SHEET: 54 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:06 AM





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1010

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1012

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:100 (2 0 2 4 6 8 10 m)

DOUBLE VERTICAL SCALE

CAD FILE H-351173-TS-DWG-S3-RD-AL1001.dwg

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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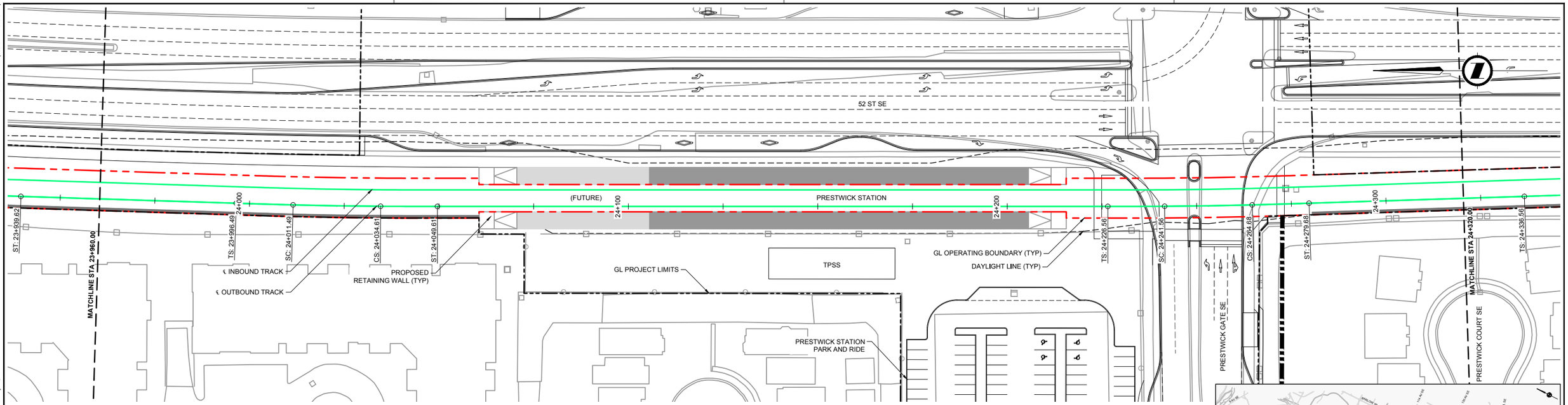
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 23+600.00 - STA 23+960.00

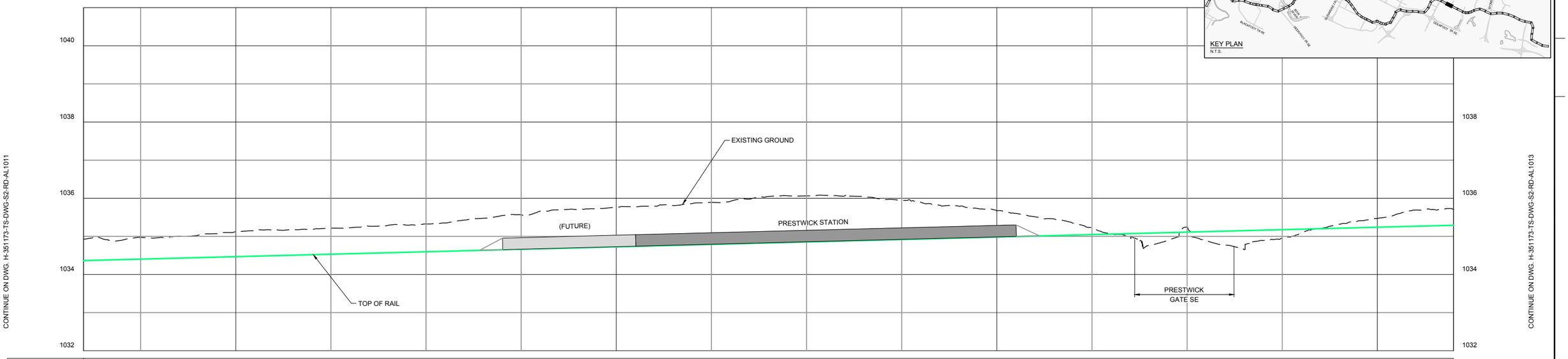
DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1011	C
DATE: 2017/02/17	SHEET: 55 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:07 AM

CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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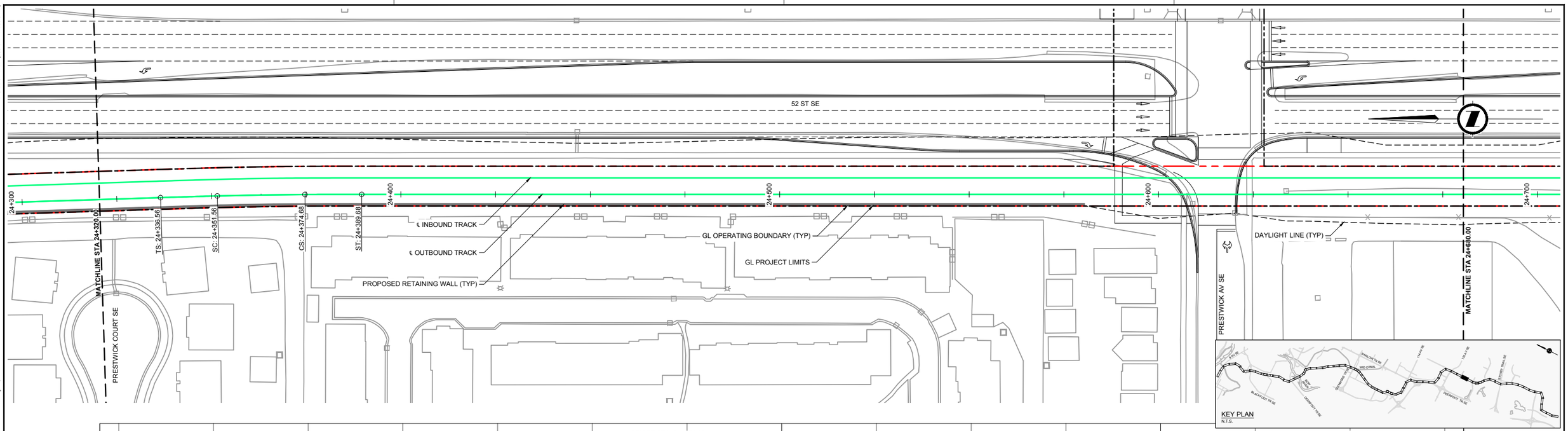
REV.	DATE	ISSUED FOR	AUTH. BY
A	2015/12/15	Supercedes Drawing: 333297-TR-100-S3-PRE-1012	P.T.
B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

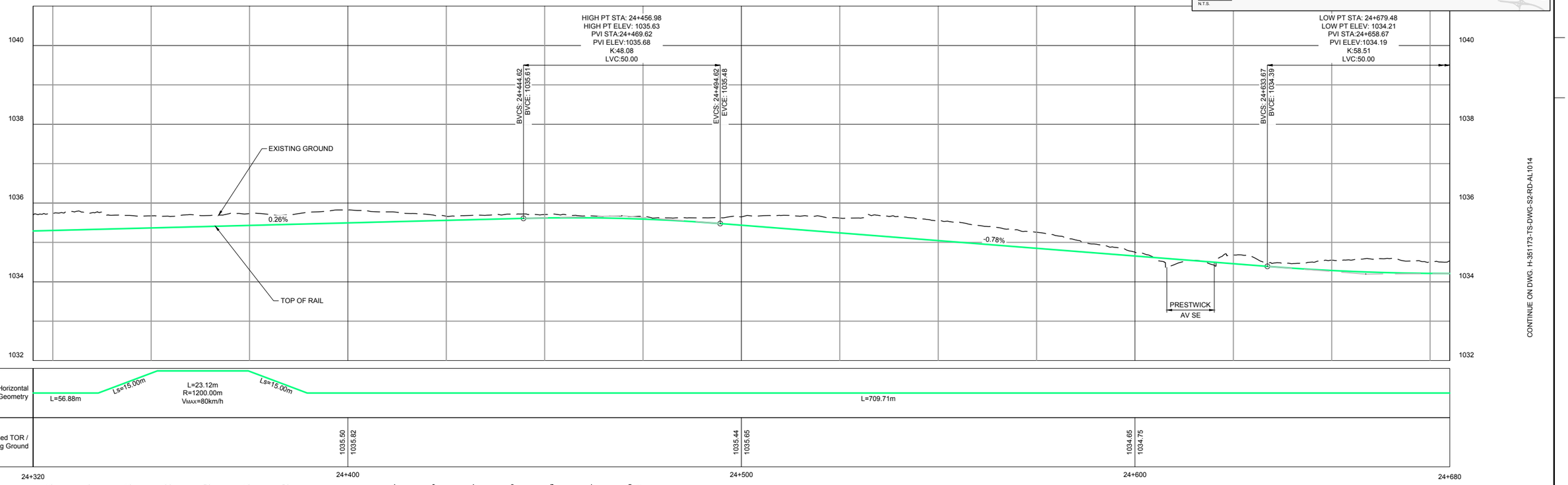
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 23+960.00 - STA 24+320.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1012	C
DATE: 2017/02/17	SHEET: 56 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:07 AM
CAD FILE H-351173-TS-DWG-S3-RD-AL1001.dwg





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HATCH
HATCH PROJECT No. H-351173
sturgessarchitecture
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C	2017/02/17	Issued for Review	P.T.

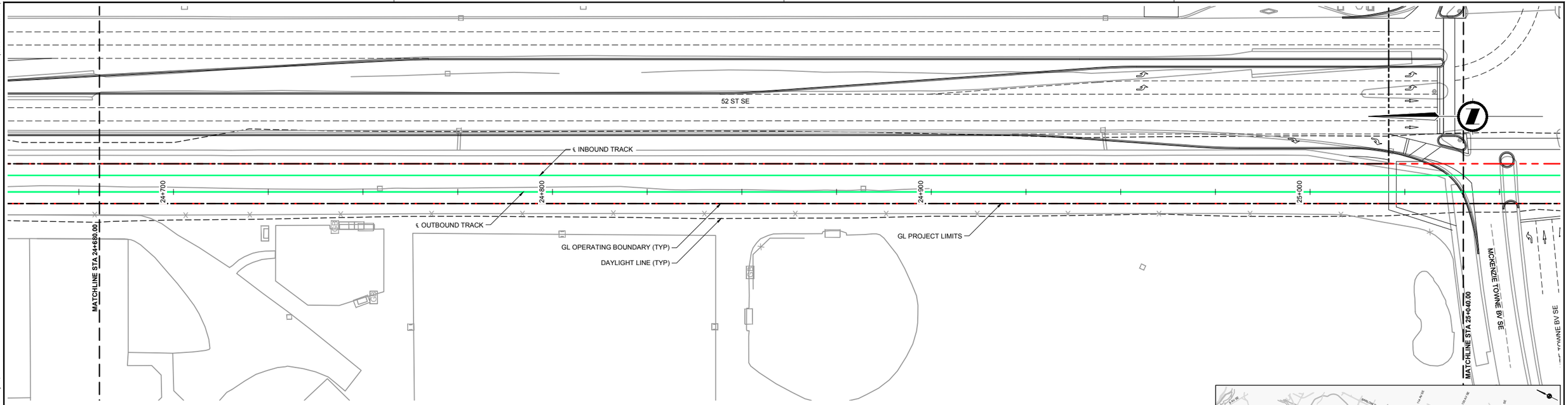
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 24+320.00 - STA 24+680.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1013	C
DATE: 2017/02/17	SHEET: 57 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:07 AM





CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

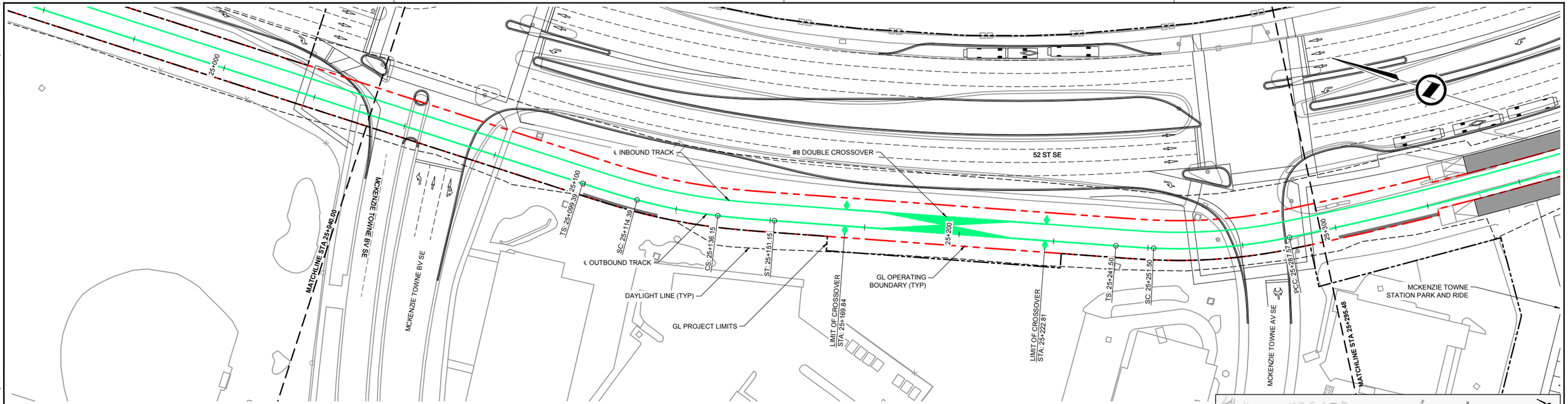
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 24+680.00 - STA 25+040.00

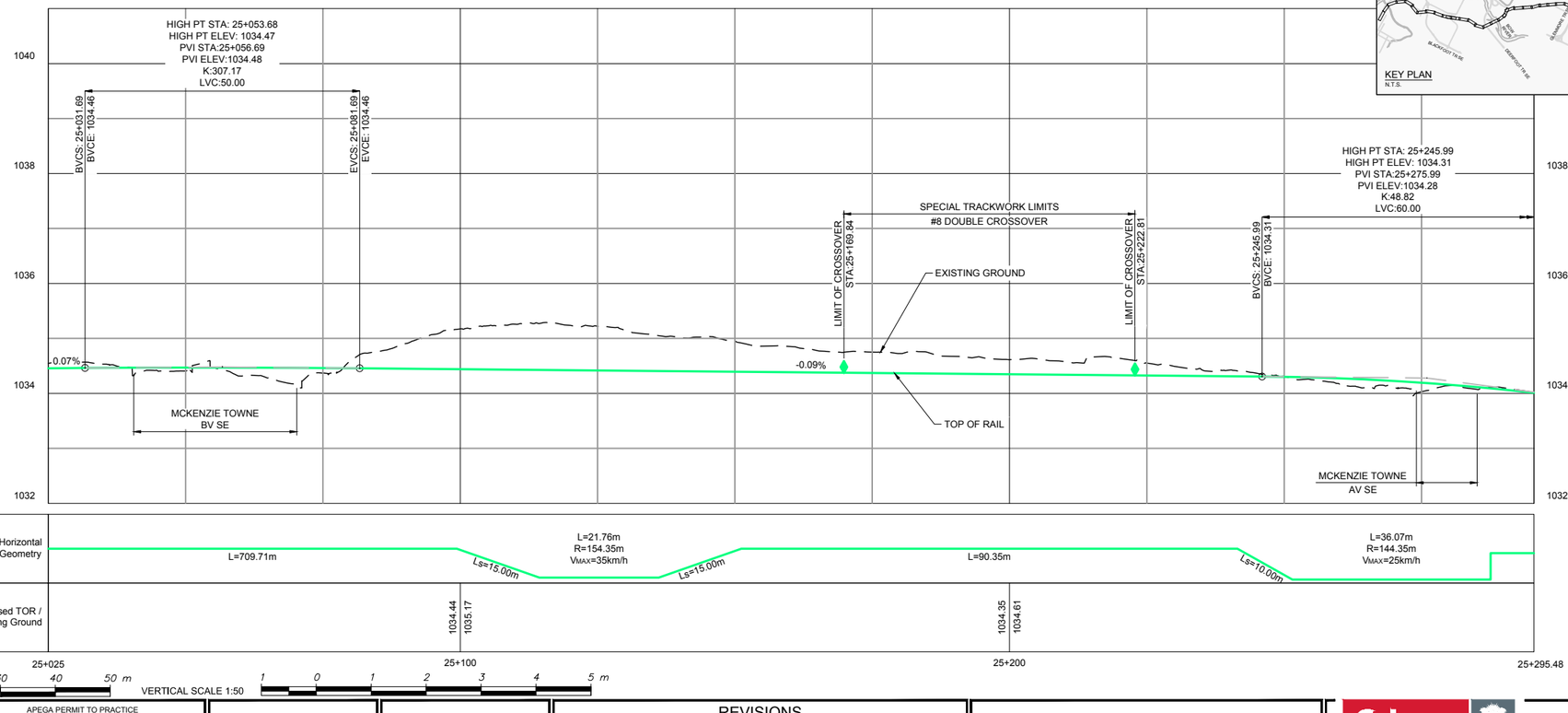
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N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1014	C
DATE: 2017/02/17	SHEET: 58 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:08 AM







HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m)

VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1014

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1016

CAD FILE H-351173-TS-DWG-S3-RD-AL1001.dwg

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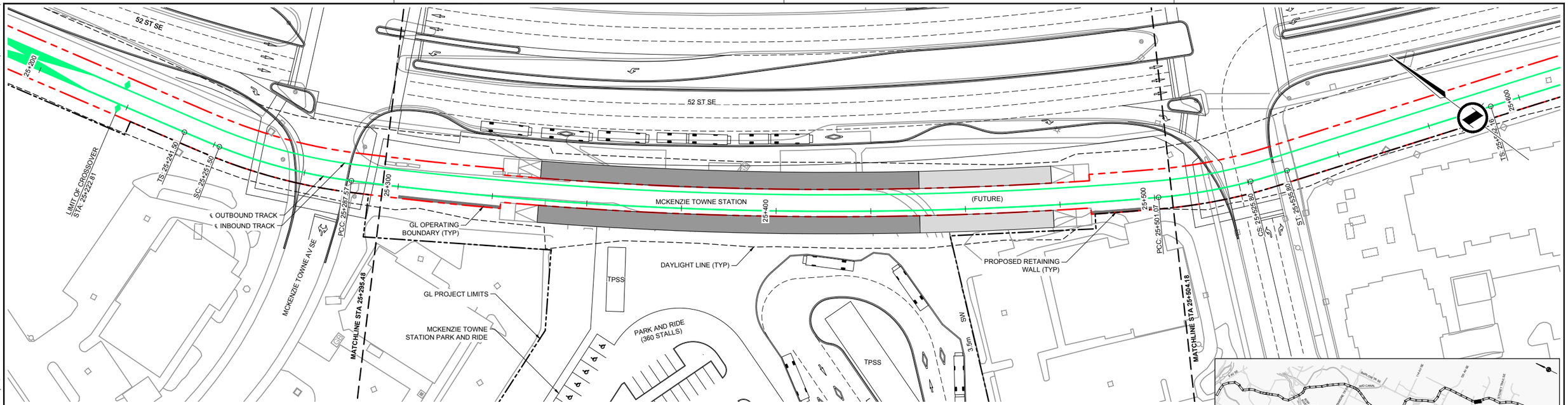
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

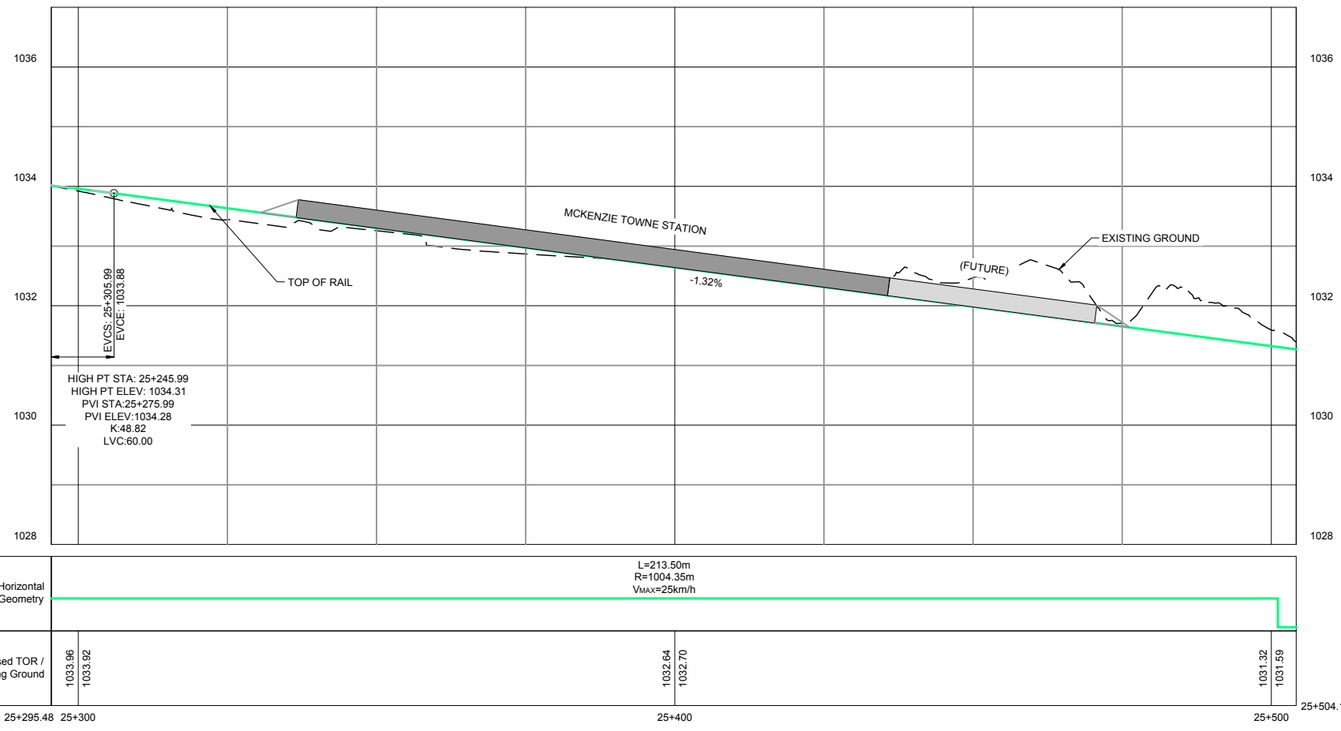
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 25+040.00 - STA 25+295.48

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1015	C
DATE: 2017/02/17	SHEET: 59 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:08 AM
CAD FILE:H-351173-TS-DWG-S3-RD-AL1001.dwg





CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1015
CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1017

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m
VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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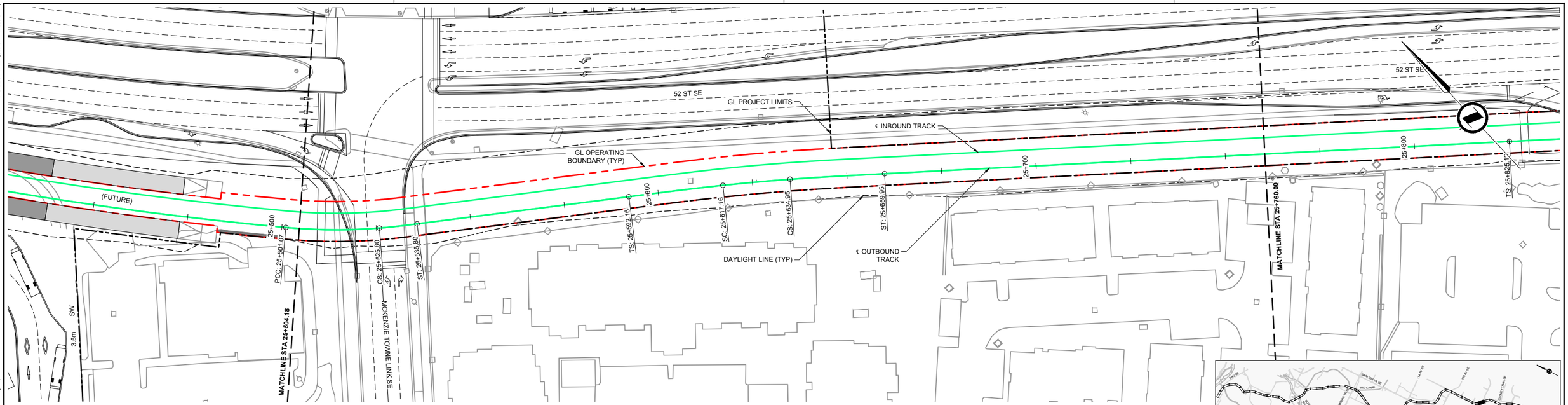
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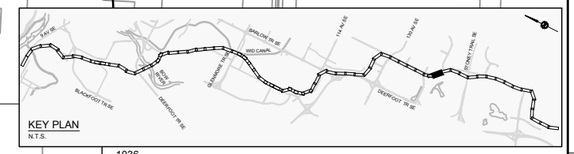
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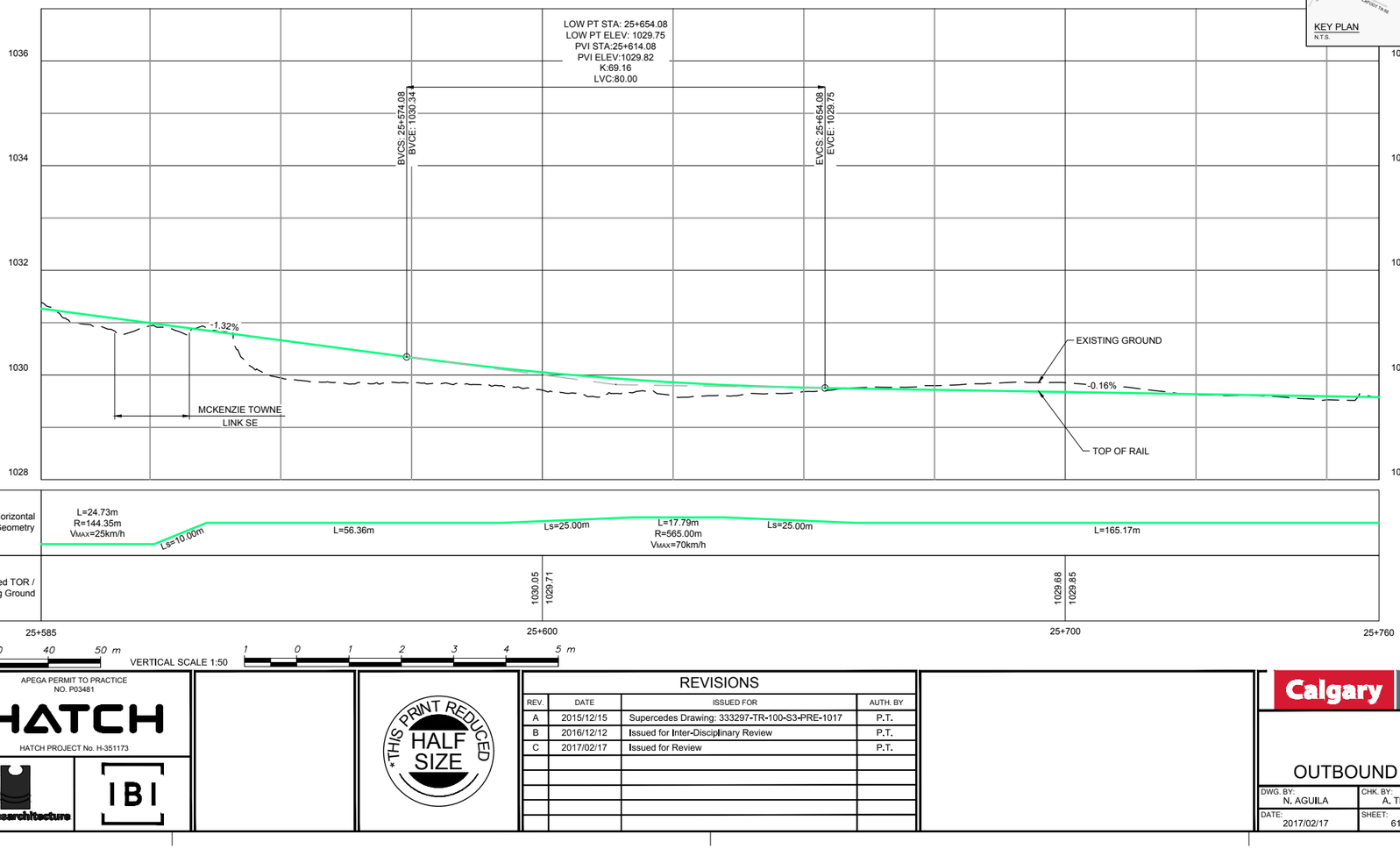
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - 25+295.48 - 25+504.18

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1016	C
DATE: 2017/02/17	SHEET: 60 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:08 AM







CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1016

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1018

CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

HORIZONTAL SCALE: 1:500 (10 0 10 20 30 40 50 m) VERTICAL SCALE 1:50 (1 0 1 2 3 4 5 m)

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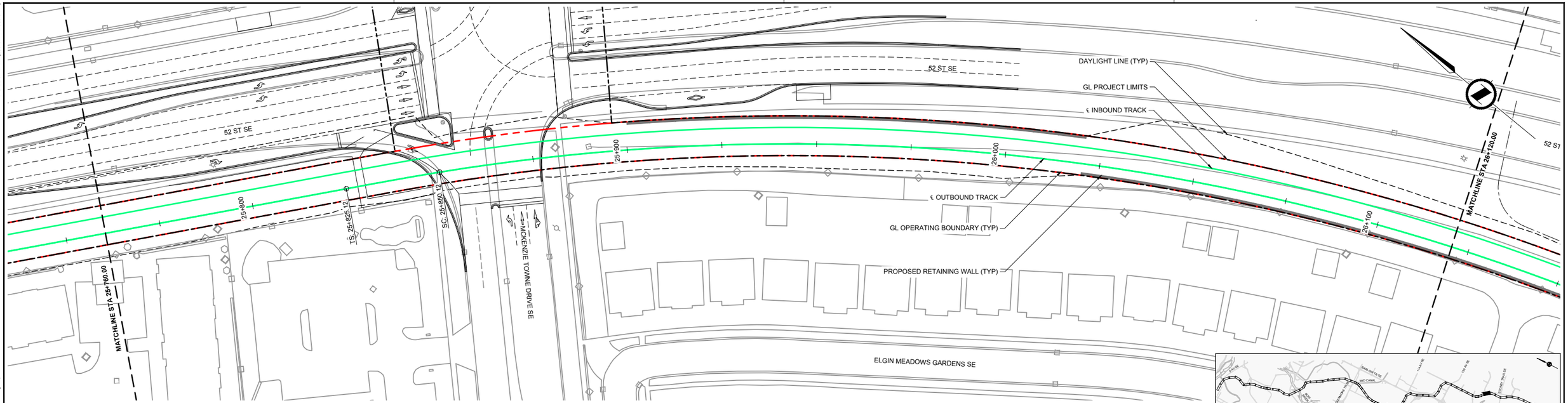
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C	2017/02/17	Issued for Review	P.T.

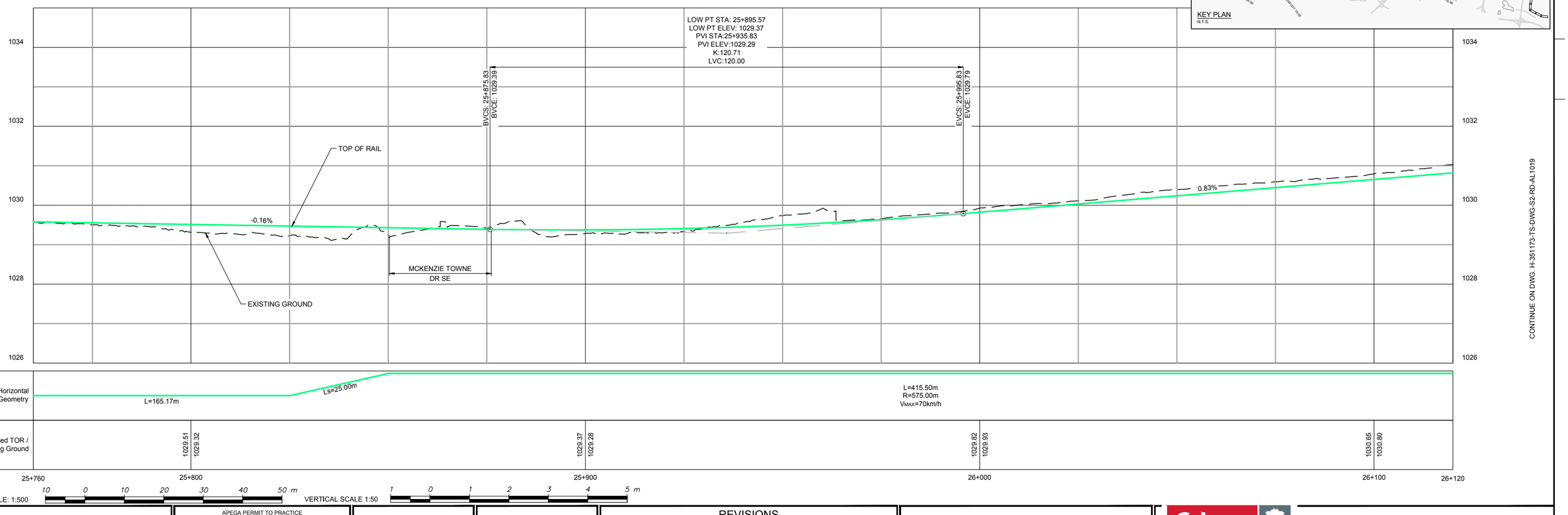
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 25+504.18 - STA 25+760.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1017	C
DATE: 2017/02/17	SHEET: 61 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:08 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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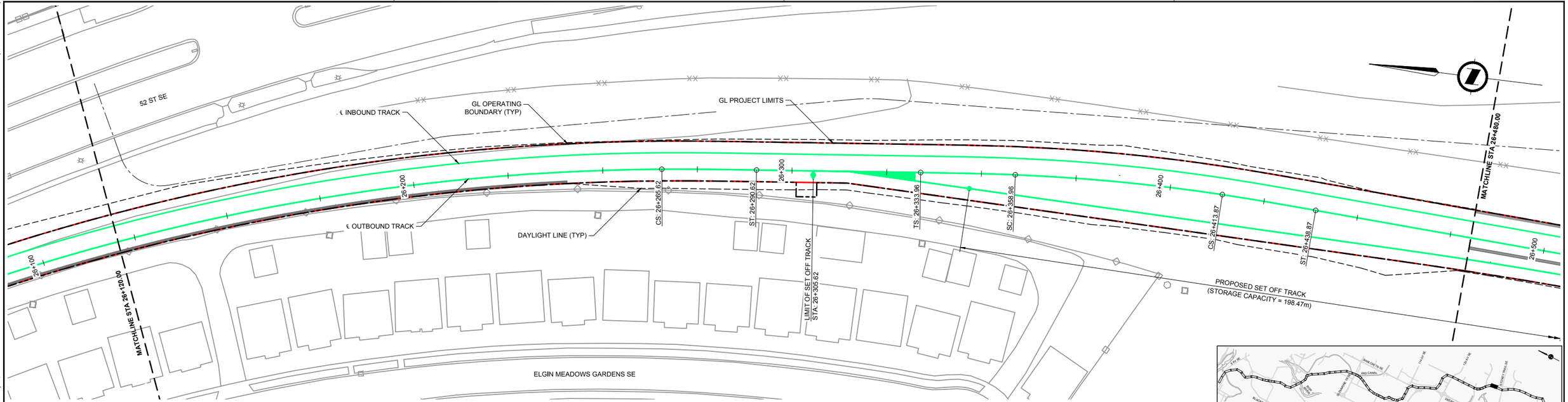
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

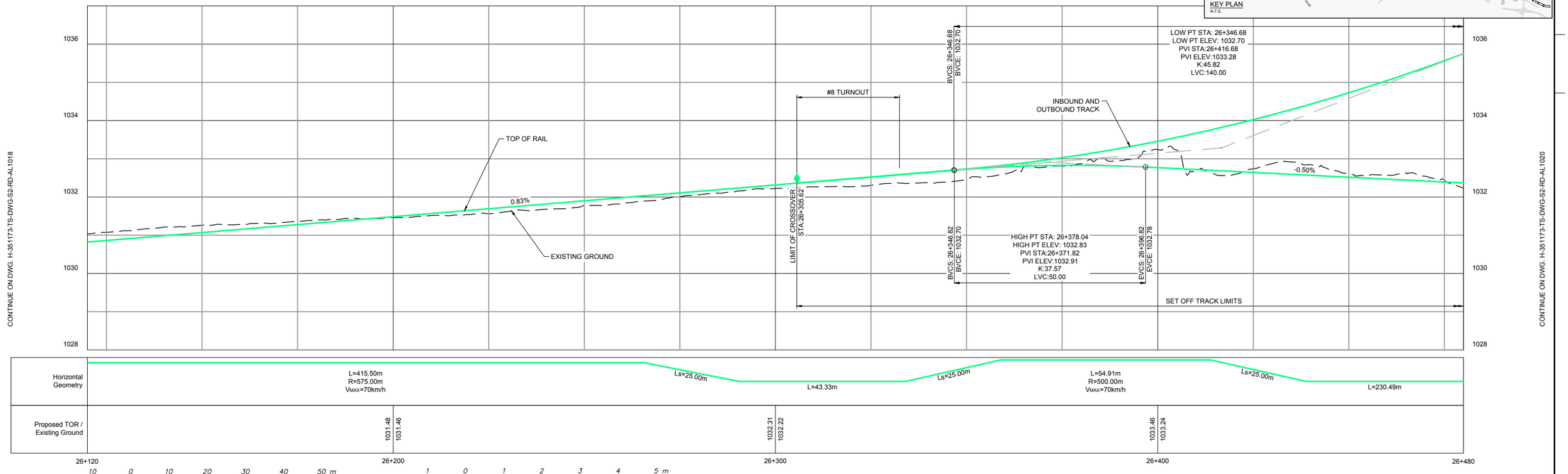
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 25+760.00 - STA 26+120.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1018	C
DATE: 2017/02/17	SHEET: 62 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:09 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 26+120.00 - STA 26+480.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1019	C
DATE: 2017/02/17	SHEET: 63 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:09 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

MATCHLINE STA 26+480.00

GL OPERATING BOUNDARY (TYP)

℄ INBOUND TRACK

℄ OUTBOUND TRACK

GL PROJECT LIMITS

PROPOSED ACCESS ROAD

PROPOSED SET OFF TRACK
(STORAGE CAPACITY = 198.47m)

LIMIT OF SET OFF TRACK
STA: 26+546.26

TPSS

R=15.00

R=17.00

R=17.00

26+500

26+600

TS: 26+669.36

26+700

SC: 26+714.36

PROPOSED ELEVATED STRUCTURE

26+800

STONEY TRAIL SE
WESTBOUND

STONEY TRAIL SE
EASTBOUND

MATCHLINE STA 26+840.00

KEY PLAN
N.T.S.



STRUCTURE DEPTH

LOW PT STA: 26+346.68
LOW PT ELEV: 1032.70
PVI STA:26+416.68
PVI ELEV:1033.28
K:45.82
LVC:140.00

EVCS: 26+486.68
EVCE: 1036.00

PROPOSED ELEVATED STRUCTURE

TOP OF RAIL

INBOUND AND OUTBOUND TRACK

3.89%

3.0 m

LIMIT OF SET OFF TRACK
STA:26+546.26

-0.50%

EXISTING GROUND

SET OFF TRACK LIMITS

MATCHLINE STA 26+700.00

TOP OF RAIL

3.89%

3.0 m

BVCS: 26+771.42
BVCE: 1047.07

HIGH PT STA: 26+910.37
HIGH PT ELEV: 1049.77
PVI STA:26+896.42
PVI ELEV:1051.93
K:35.76
LVC:250.00

NOTE:
CLEARANCE AS PER CITY OF CALGARY DESIGN GUIDLINES FOR BRIDGE AND STRUCTURES.

8.0 m CLEARANCE

5.5 m CLEARANCE ZONE (MIN)

EXISTING GROUND

STONEY TRAIL SE

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1019

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1021

Horizontal Geometry

L=230.49m

Ls=45.00m

Ls=45.00m

L=346.80m
R=500.00m
VMAX=80km/h

Proposed TOR / Existing Ground

1036.52
1031.89
1040.41
1031.73
1048.06
1036.20

26+480
26+500
26+600
26+700
26+700
26+800
26+830

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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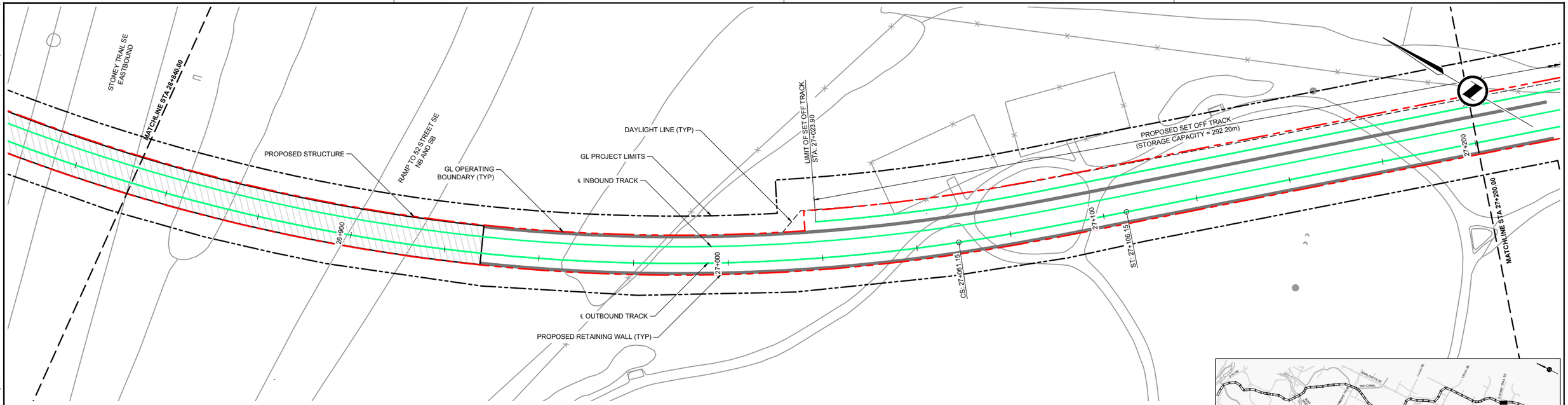
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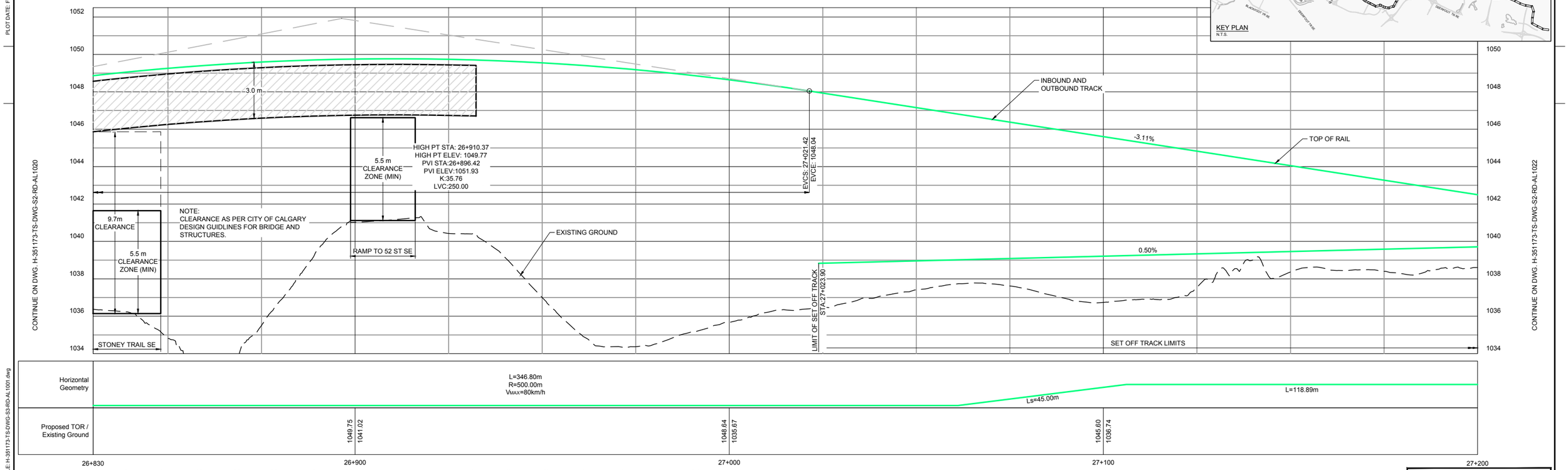
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 26+480.00 - STA 26+840.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1020	C
DATE: 2017/02/17	SHEET: 64 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:09 AM
CAD FILE:H-351173-TS-DWG-S3-RD-AL1001.dwg





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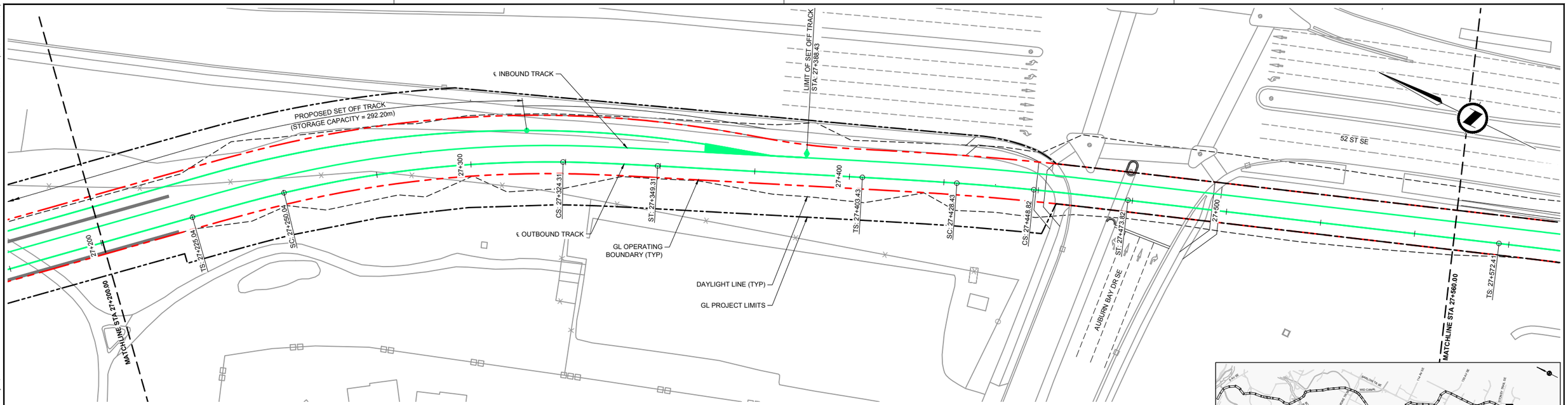
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

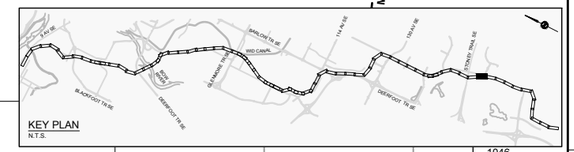
Calgary

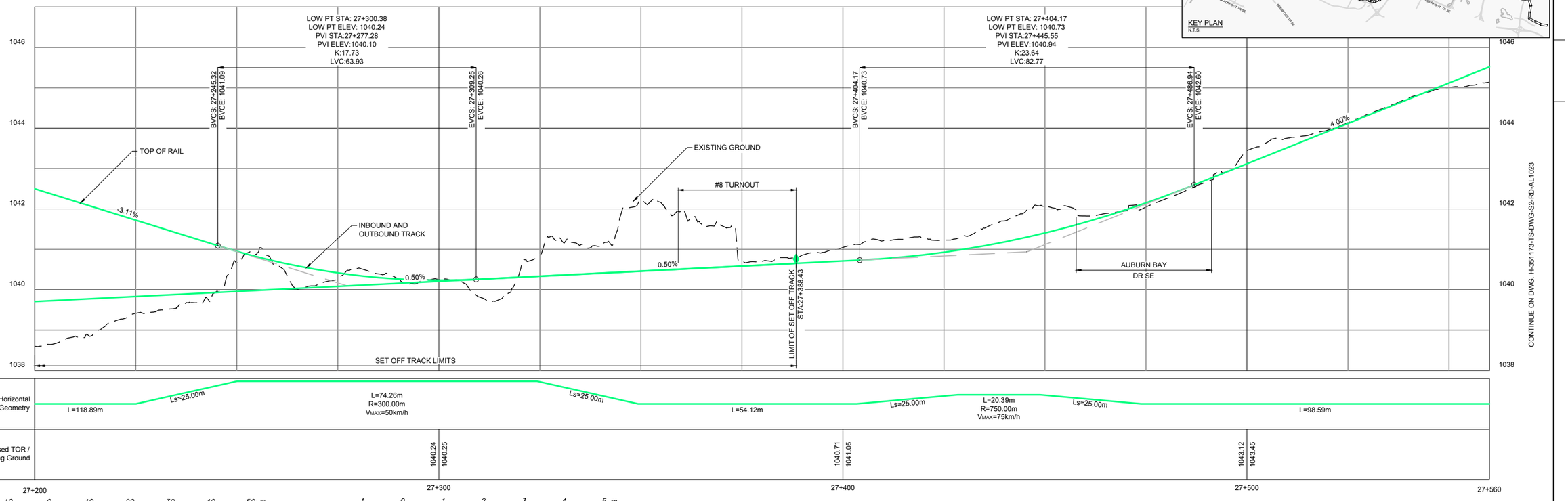
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 26+840.00 - STA 27+200.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1021	C
DATE: 2017/02/17	SHEET: 65 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:10 AM
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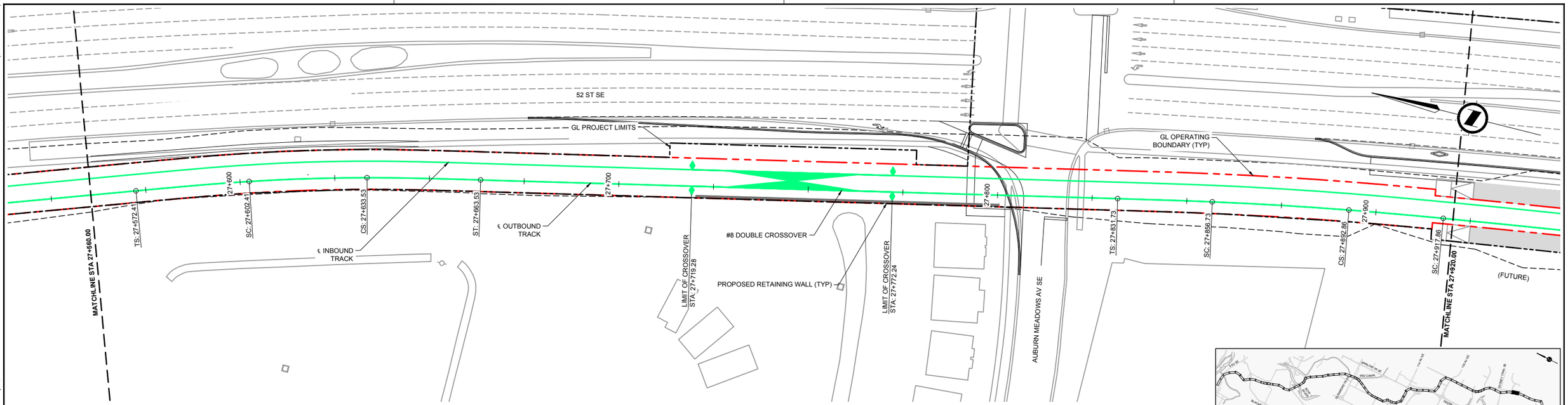
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C	2017/02/17	Issued for Review	P.T.

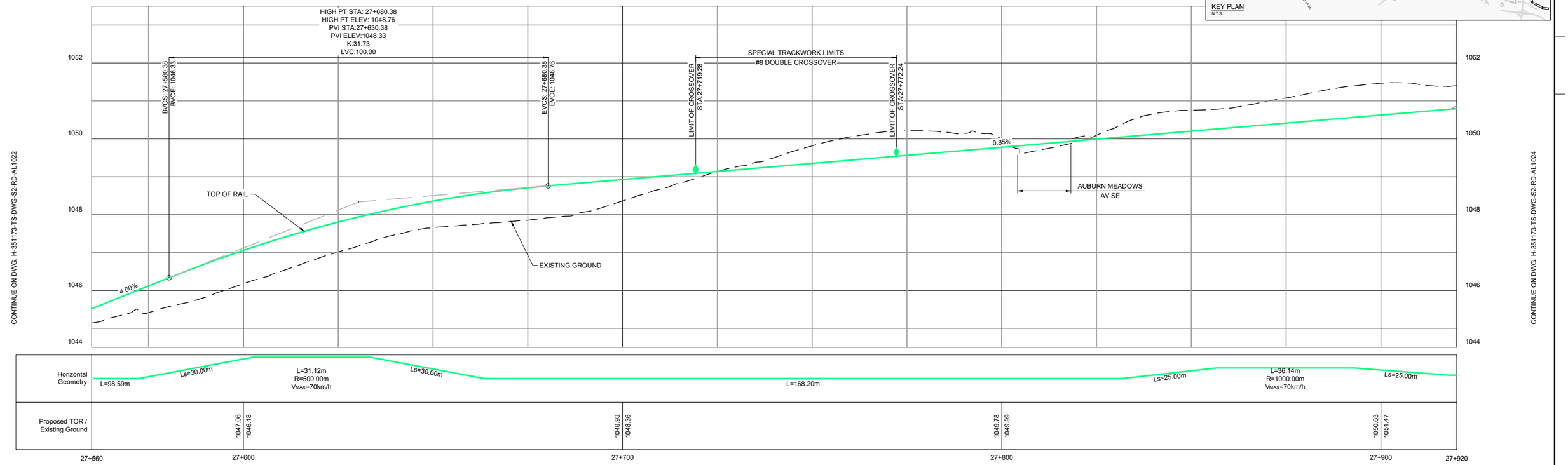
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 27+200.00 - STA 27+560.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1022	C
DATE: 2017/02/17	SHEET: 66 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:10 AM
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

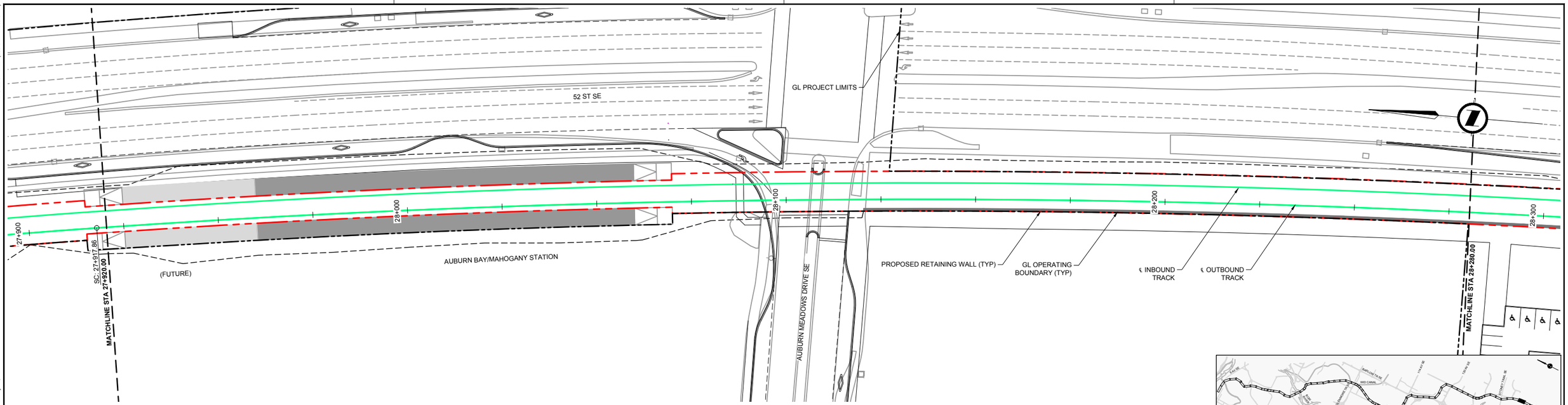
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 27+560.00 - STA 27+920.00

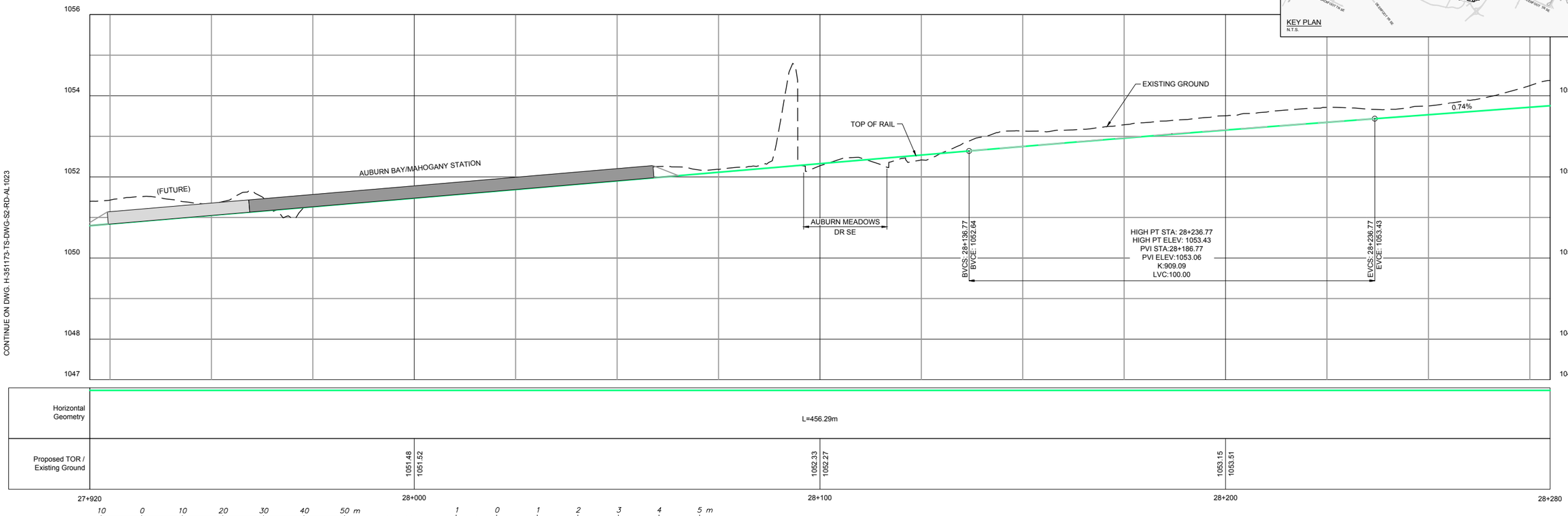
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N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1023	C
DATE: 2017/02/17	SHEET: 67 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:10 AM



KEY PLAN
N.T.S.



CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1023

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1025

CAD FILE H-351173-TS-DWG-S3-RD-AL1001.dwg

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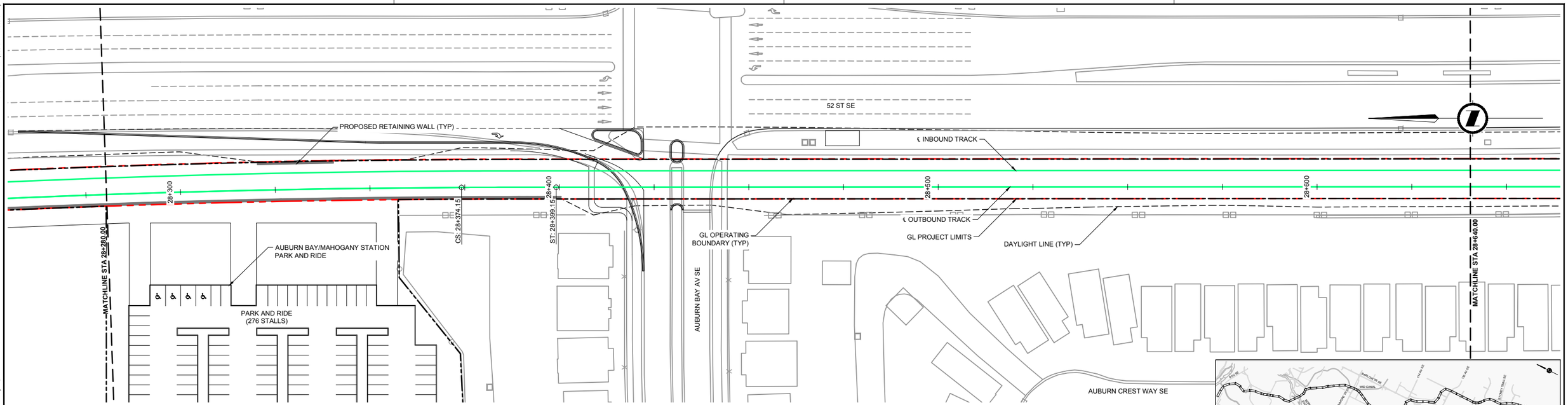
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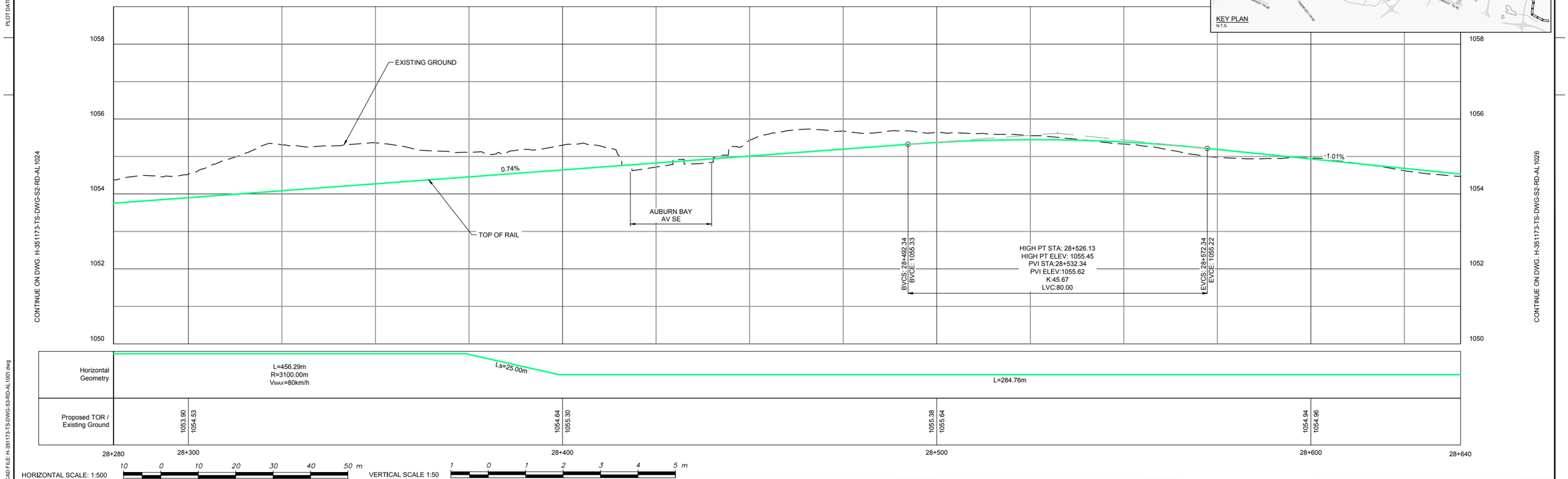
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 27+920.00 - STA 28+280.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1024	C
DATE: 2017/02/17	SHEET: 68 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:10 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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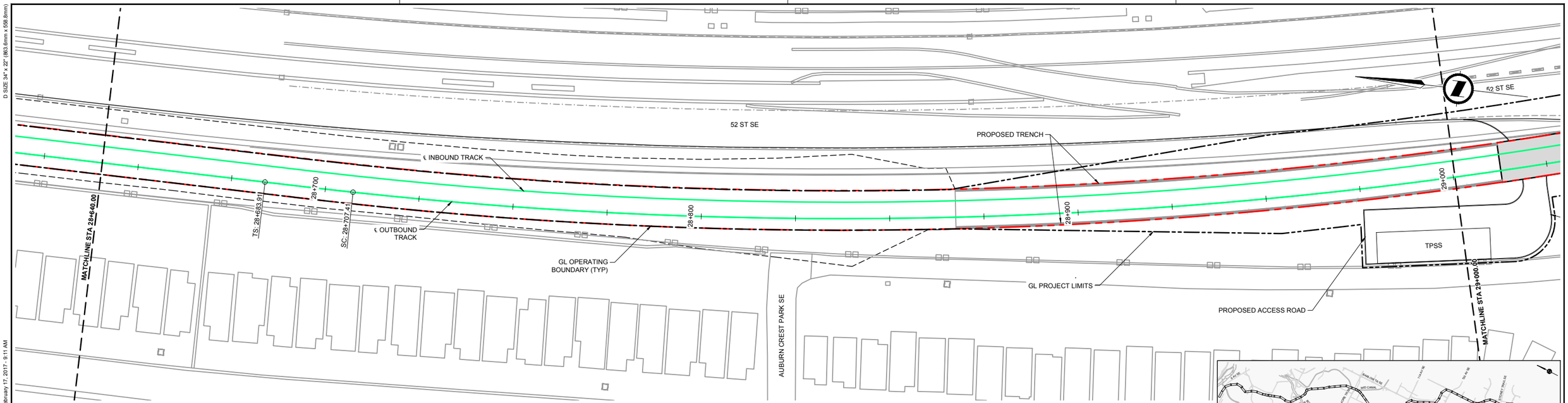
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
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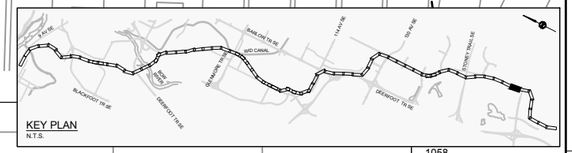
Calgary

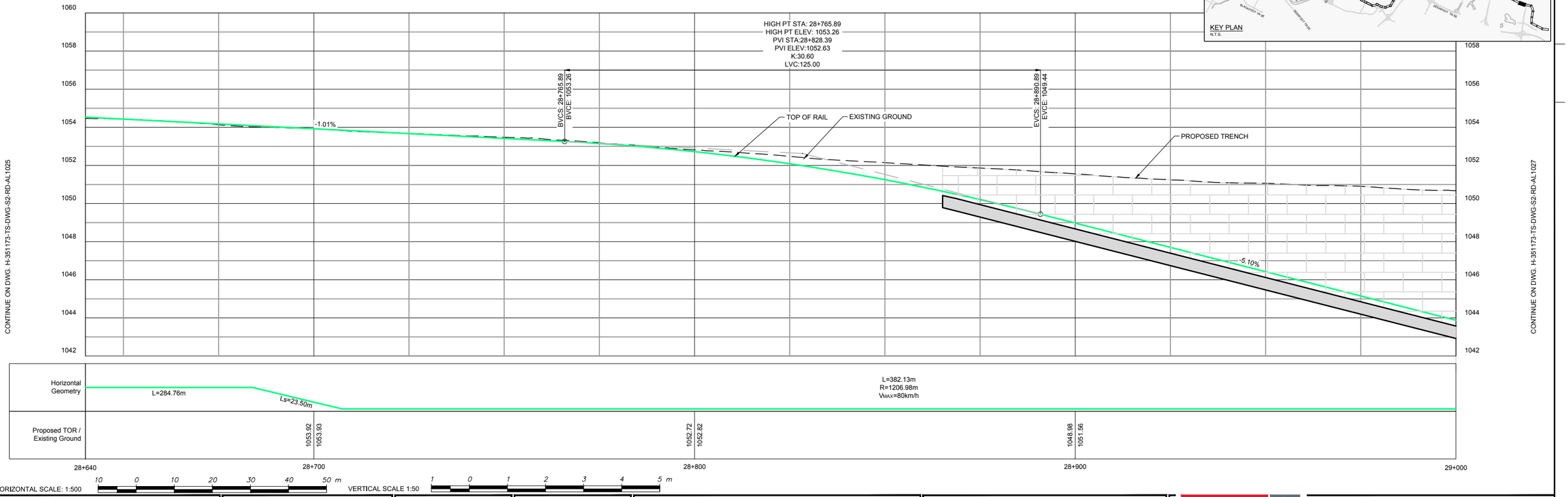
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 28+280.00 - STA 28+640.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1025	C
DATE: 2017/02/17	SHEET: 69 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:11 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg







CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1025
CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1027

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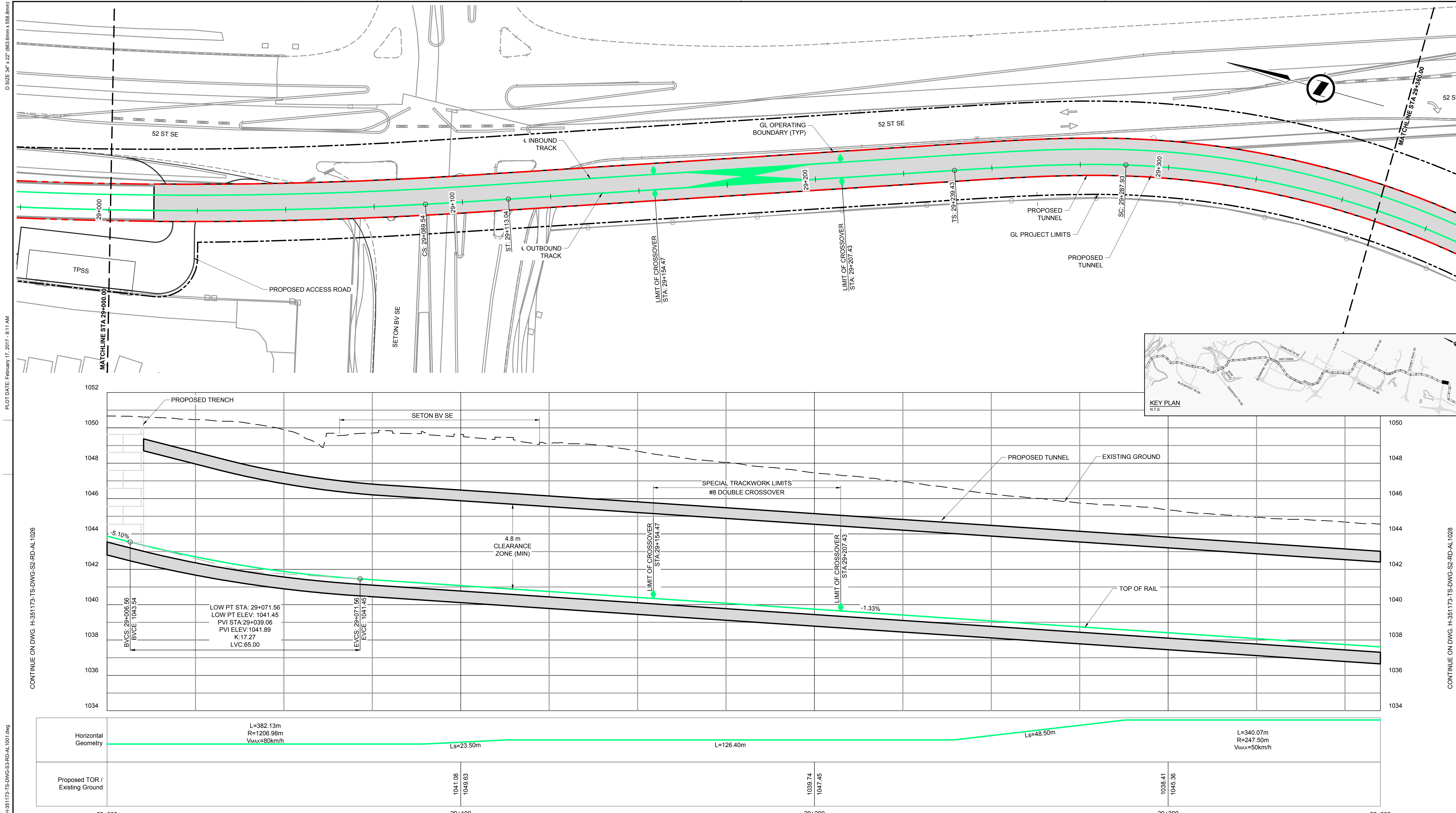
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 28+640.00 - STA 29+000.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1026	C
DATE: 2017/02/17	SHEET: 70 of 78		



HORIZONTAL SCALE: 1:500 — 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:100 — 2 0 2 4 6 8 10 m

DOUBLE VERTICAL SCALE

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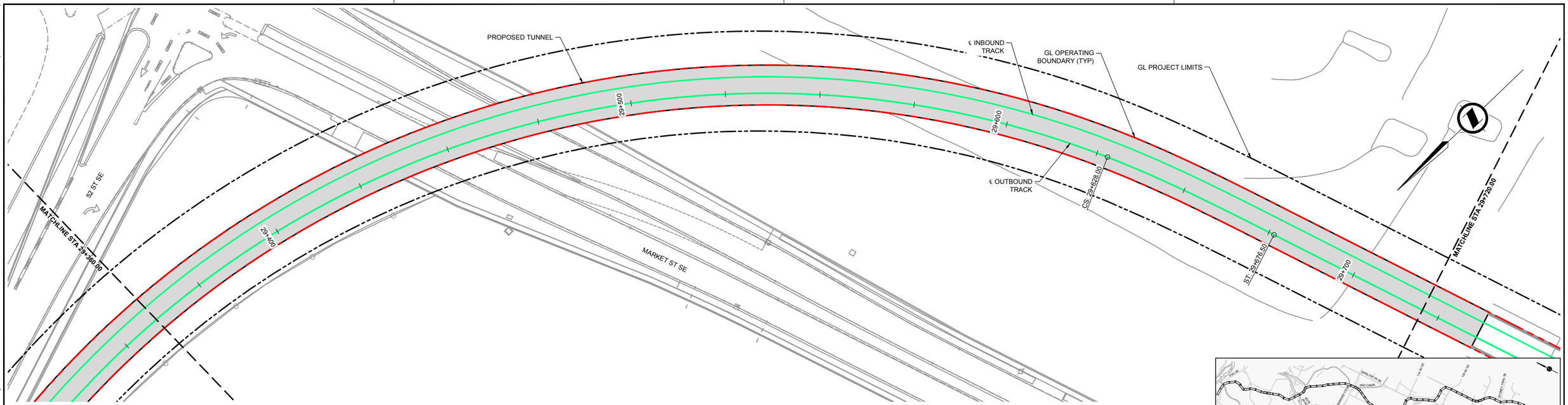
Calgary

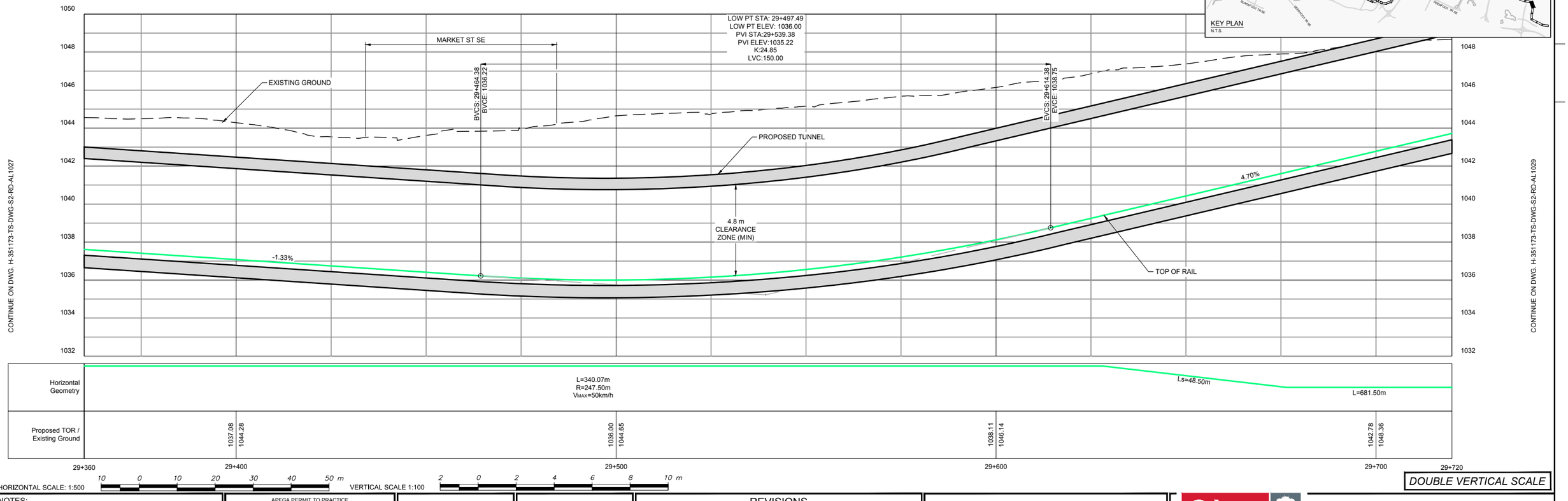
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 29+000.00 - STA 29+360.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1027	C
DATE: 2017/02/17	SHEET: 71 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:11 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:11 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 29+360.00 - STA 29+720.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1028	C
DATE: 2017/02/17	SHEET: 72 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:12 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

MATCHLINE STA 29+720.00

PROPOSED RETAINING WALL (TYP)

PROPOSED TRENCH

GL PROJECT LIMITS

GL OPERATING BOUNDARY (TYP)

℄ INBOUND TRACK

℄ OUTBOUND TRACK

29+700

29+800

29+900

30+000

30+100

(FUTURE)

HOSPITAL STATION

(FUTURE)

MATCHLINE STA 30+080.00

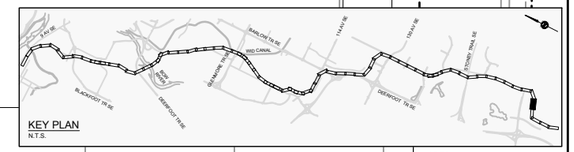
TPSS

TPSS

41 ST SE

45 ST SE (FUTURE)

KEY PLAN
N.T.S.



1050
1048
1046
1044
1042

TOP OF RAIL

PROPOSED TRENCH

45 ST SE (FUTURE)

(FUTURE)

HOSPITAL STATION

(FUTURE)

EXISTING GROUND

BVCS: 29+761.00
BVCE: 1046.65

TRENCH

HIGH PT STA: 29+905.29
HIGH PT ELEV: 1049.04
PVI STA:29+836.00
PVI ELEV:1049.18
K:30.67
LVC:150.00

EVCS: 29+911.00
EVCE: 1049.04

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1028

CONTINUE ON DWG. H-351173-TS-DWG-S2-RD-AL1030

Horizontal Geometry

L=681.50m

Proposed TOR / Existing Ground

1047.23
1049.01
1049.04
1048.99
1048.87
1048.80

29+720
29+800
29+900
30+000
30+080

HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m

VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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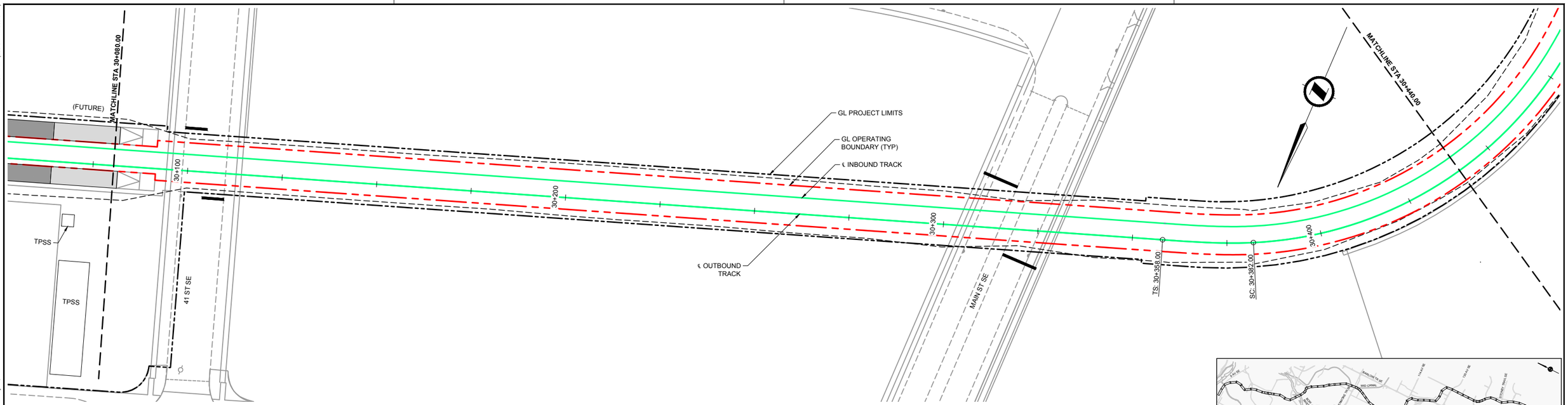
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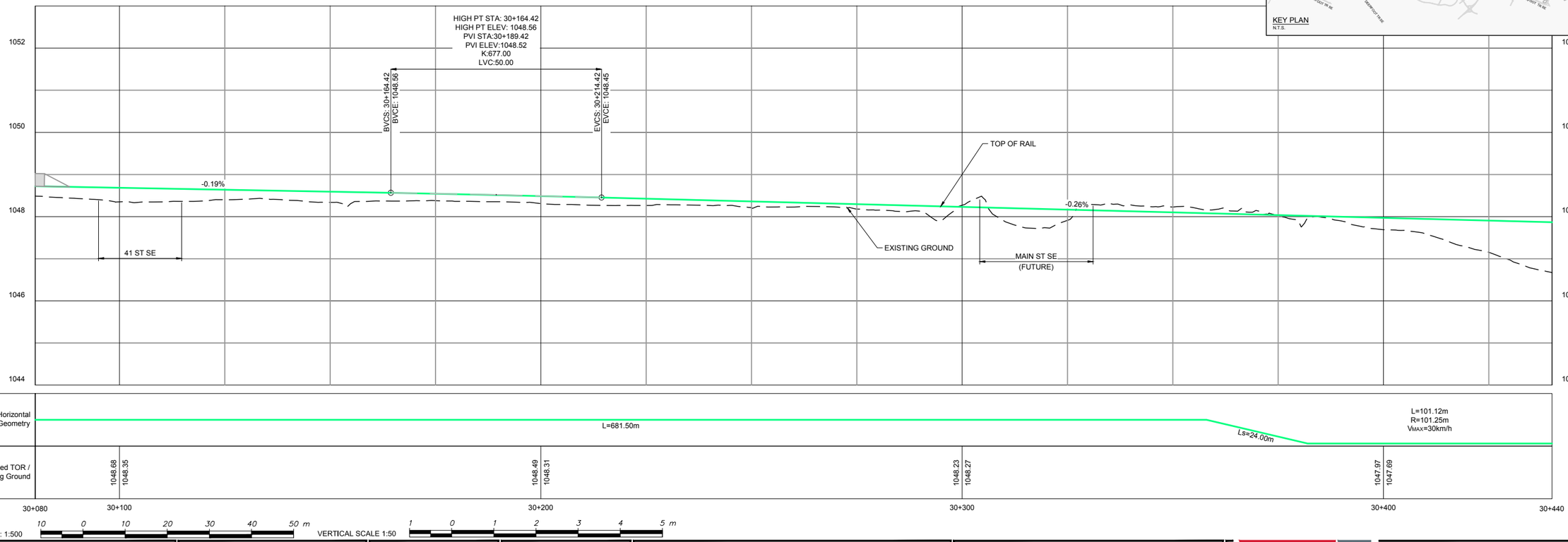
Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 29+720.00 - STA 30+080.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1029	C
DATE: 2017/02/17	SHEET: 73 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:12 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





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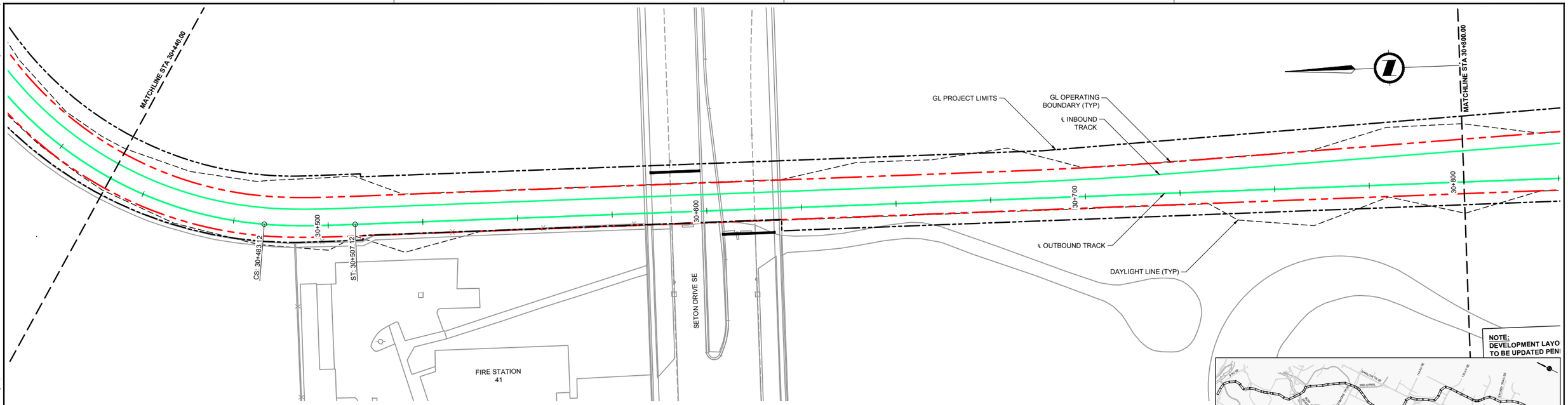
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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

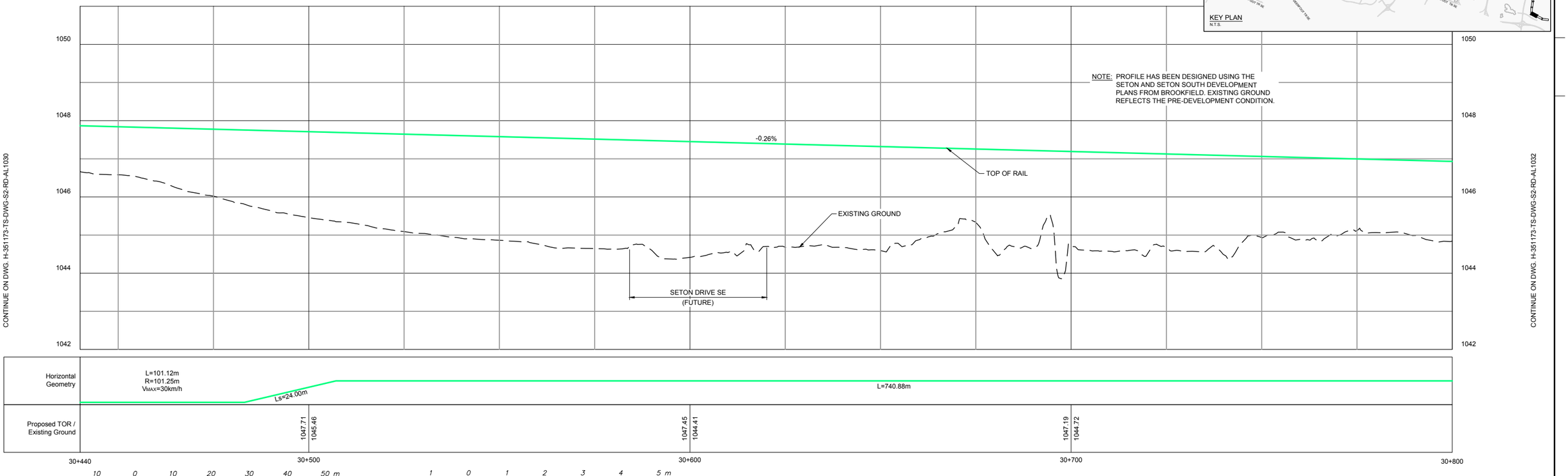
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GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 30+080.00 - STA 30+440.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1030	C
DATE: 2017/02/17	SHEET: 74 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:12 AM





NOTE: PROFILE HAS BEEN DESIGNED USING THE SETON AND SETON SOUTH DEVELOPMENT PLANS FROM BROOKFIELD. EXISTING GROUND REFLECTS THE PRE-DEVELOPMENT CONDITION.

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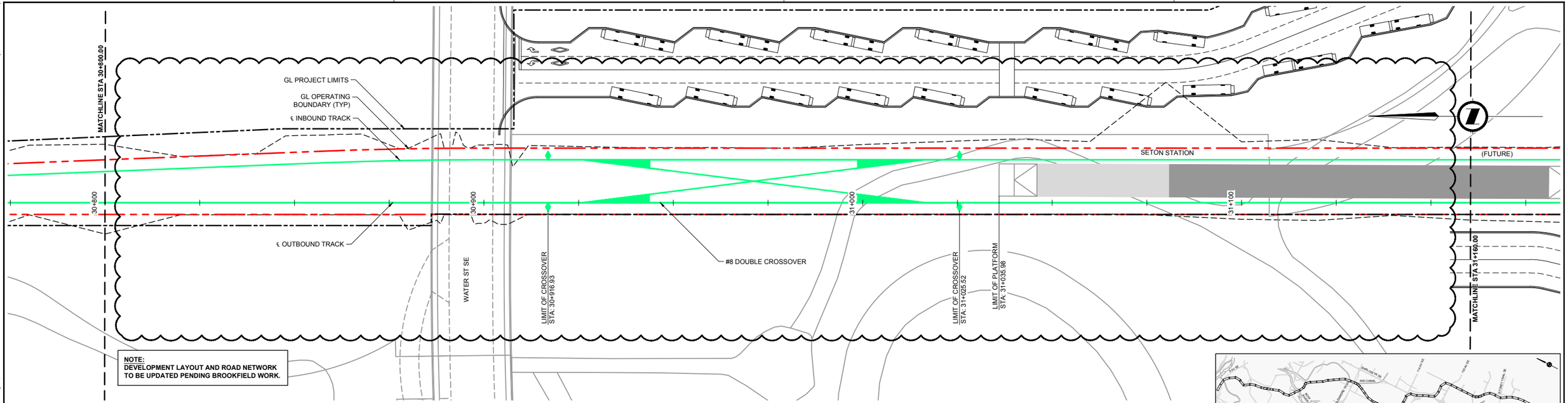
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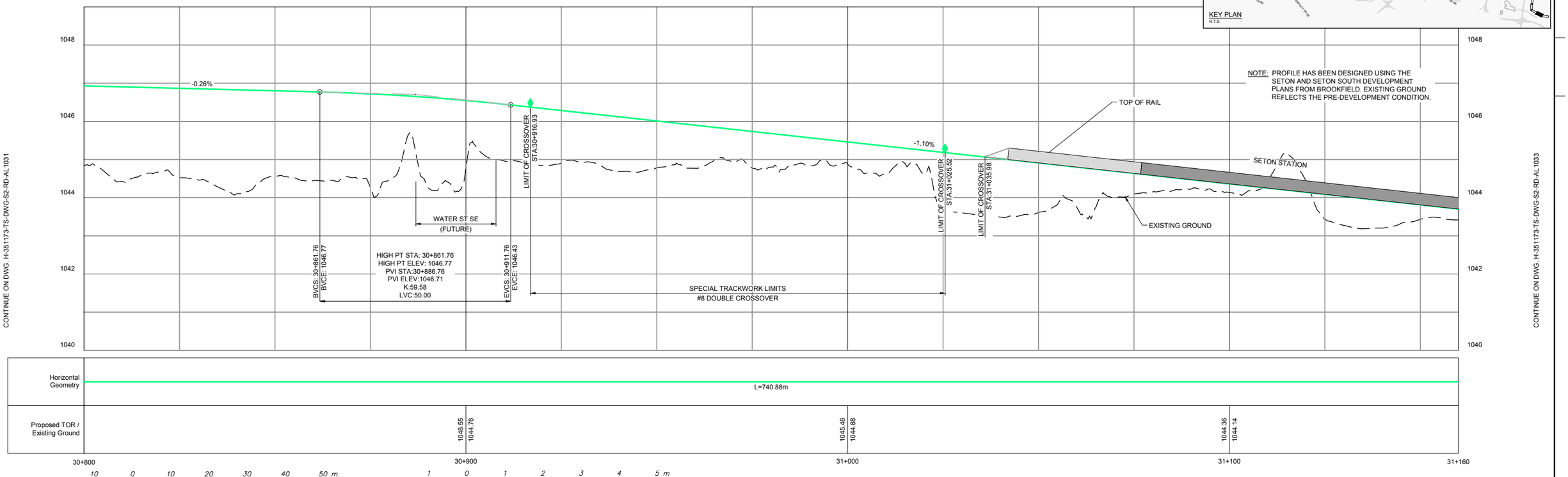
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 30+440.00 - STA 30+800.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1031	C
DATE: 2017/02/17	SHEET: 75 of 78		

CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:13 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg





HORIZONTAL SCALE: 1:500 10 0 10 20 30 40 50 m VERTICAL SCALE 1:50 1 0 1 2 3 4 5 m

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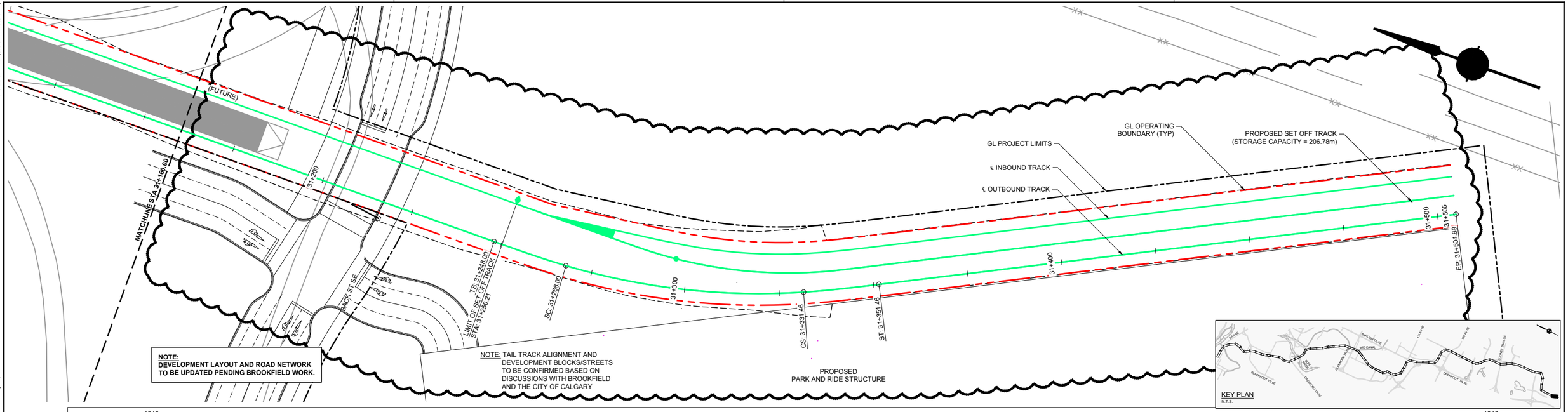
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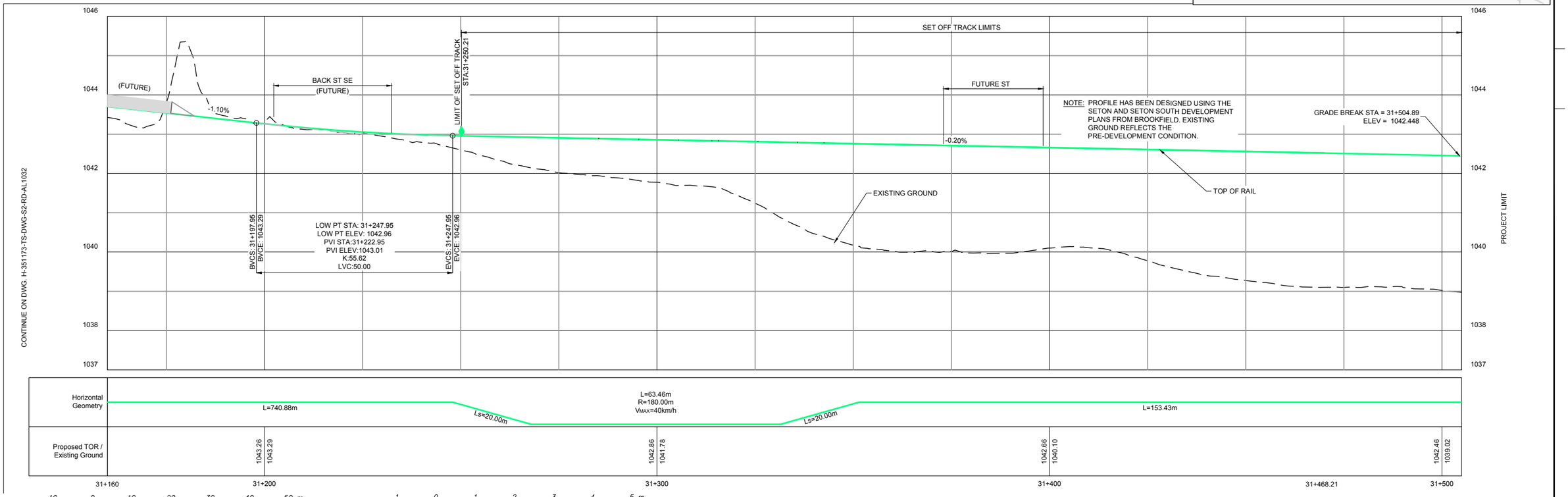
GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - STA 30+800.00 - STA 31+160.00

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1032	C
DATE: 2017/02/17	SHEET: 76 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)

PLOT DATE: February 17, 2017 - 9:13 AM





CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

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B	2016/12/12	Issued for Inter-Disciplinary Review	P.T.
C	2017/02/17	Issued for Review	P.T.

Calgary

GREEN LINE LRT
TRACK PLAN AND PROFILE
OUTBOUND TRACK - 31+160.00 - 31+502.53

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1033	C
DATE: 2017/02/17	SHEET: 77 of 78		

D SIZE 34" x 22" (863.6mm x 558.8mm)
PLOT DATE: February 17, 2017 - 9:13 AM
CAD FILE: H-351173-TS-DWG-S3-RD-AL1001.dwg

FUTURE STORAGE BUILDING (36x30m LRV's)

STORAGE BUILDING (99x30m LRV's)

PROPOSED BRIDGE OVER LRT TRACKS

RAMP TO PARKADE

STAFF PARKING

LIMIT OF CROSSOVER STA: 22+801.19

LIMIT OF CROSSOVER STA: 22+851.36

PROPOSED BRIDGE OVER LRT TRACKS

PROPOSED 125 AV SE EXTENSION

HORIZONTAL SCALE: 1:1000

20 0 20 40 60 80 100 m

KEY PLAN
N.T.S.

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Calgary

GREEN LINE LRT
TRACK PLAN
SHEPARD MAINTENANCE FACILITY

DWG. BY:	CHK. BY:	DWG. NO.:	REV NO
N. AGUILA	A. TRAYLEN	H-351173-TS-DWG-S3-RD-AL1034	B
DATE: 2017/02/17	SHEET: 78 of 78		