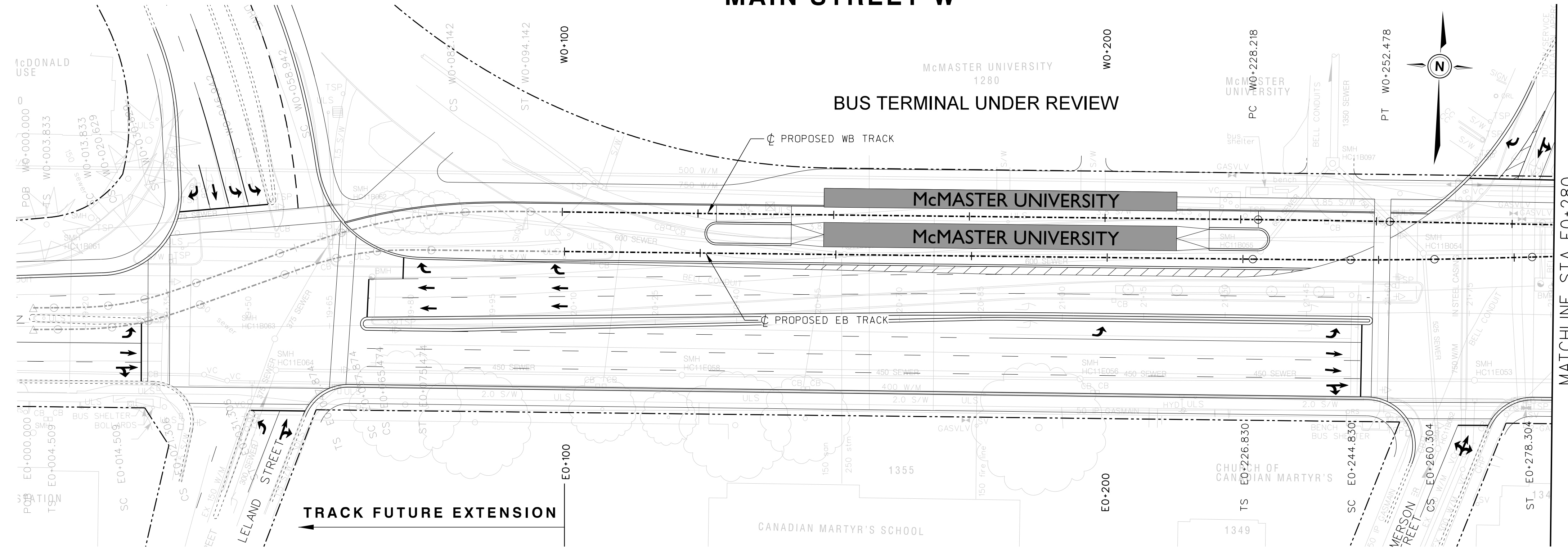


APPENDIX B: DESIGN PLATES



# MAIN STREET W



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC001

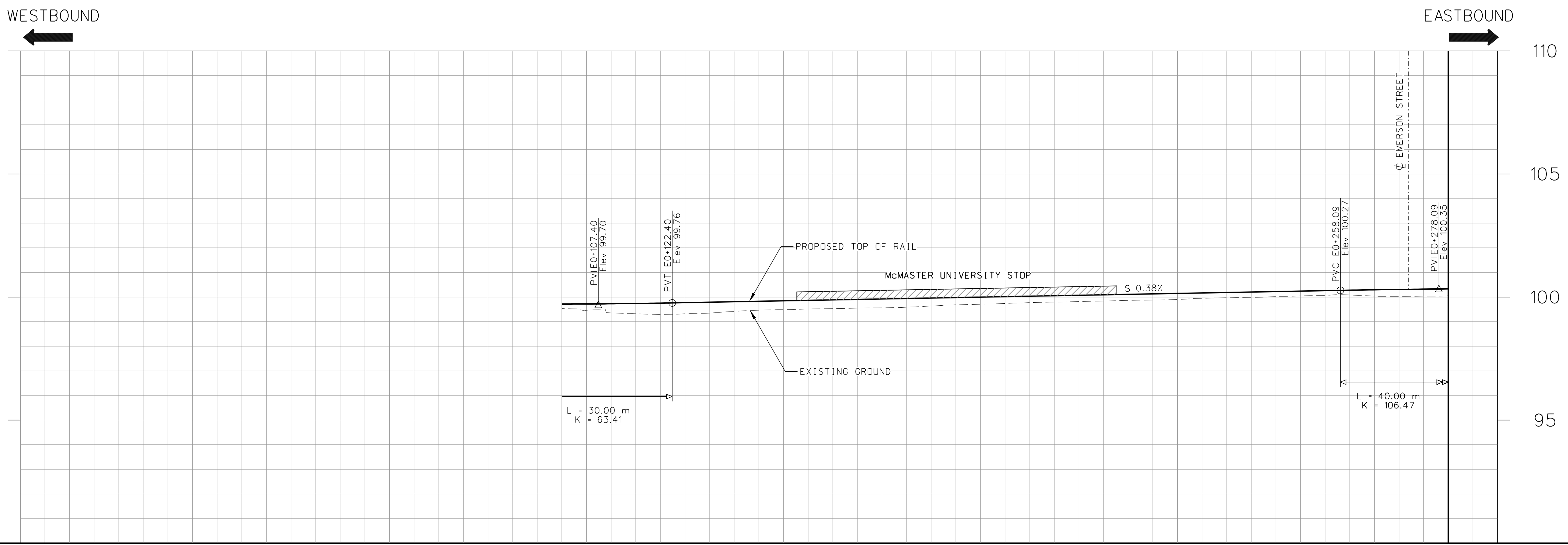
DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



- LEGEND**
- LRT TRACK CENTRELINE
  - - - EXISTING PROPERTY LINE
  - PROPOSED TOP OF RAIL (PROFILE)
  - EXISTING GROUND LINE (PROFILE)
  - EAST BOUND TRACK USED AS REFERENCE LINE
  - EO+000.00 STATIONING ON EB TRACK
  - WO+000.00 STATIONING ON WB TRACK
  - NO+000.00 STATIONING ON NB TRACK
  - SO+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

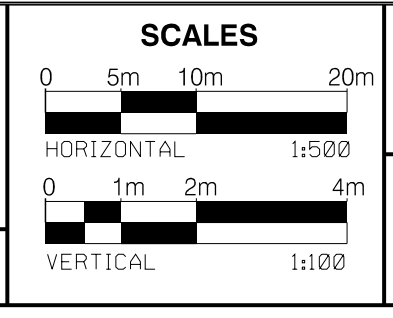


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

99.716	99.771	99.864	99.958	100.052	100.146	100.240	100.321	PROPOSED TOP OF RAIL PROFILE
99.534	99.320	99.512	99.635	99.794	99.894	100.045	100.036	EXISTING GROUND ELEVATION
EO+100	EO+125	EO+150	EO+175	EO+200	EO+225	EO+250	EO+275	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDANO  
 APPROVED: LUIGI BANQUO  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA EO+100 TO STA EO+280

pw:\617479-P\WINT\_aecomonline\locat:AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\_Track\HALRT-RD-NC001.dgn  
 User:wuj6 17/05/2017 1:13:26 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

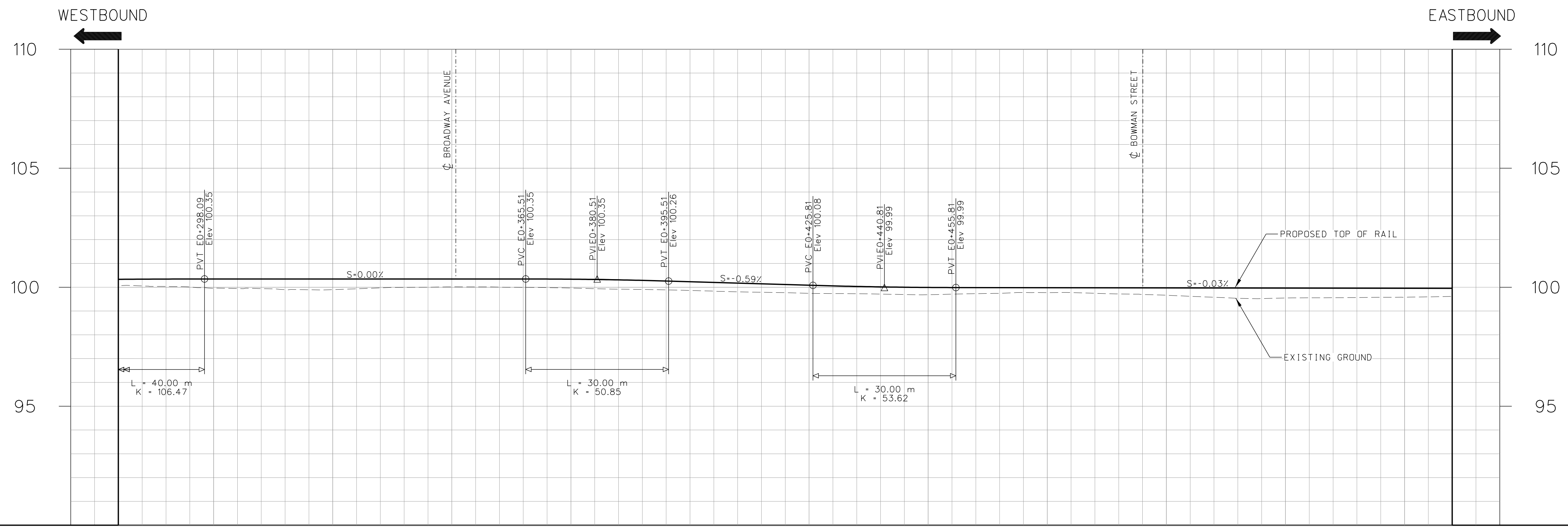
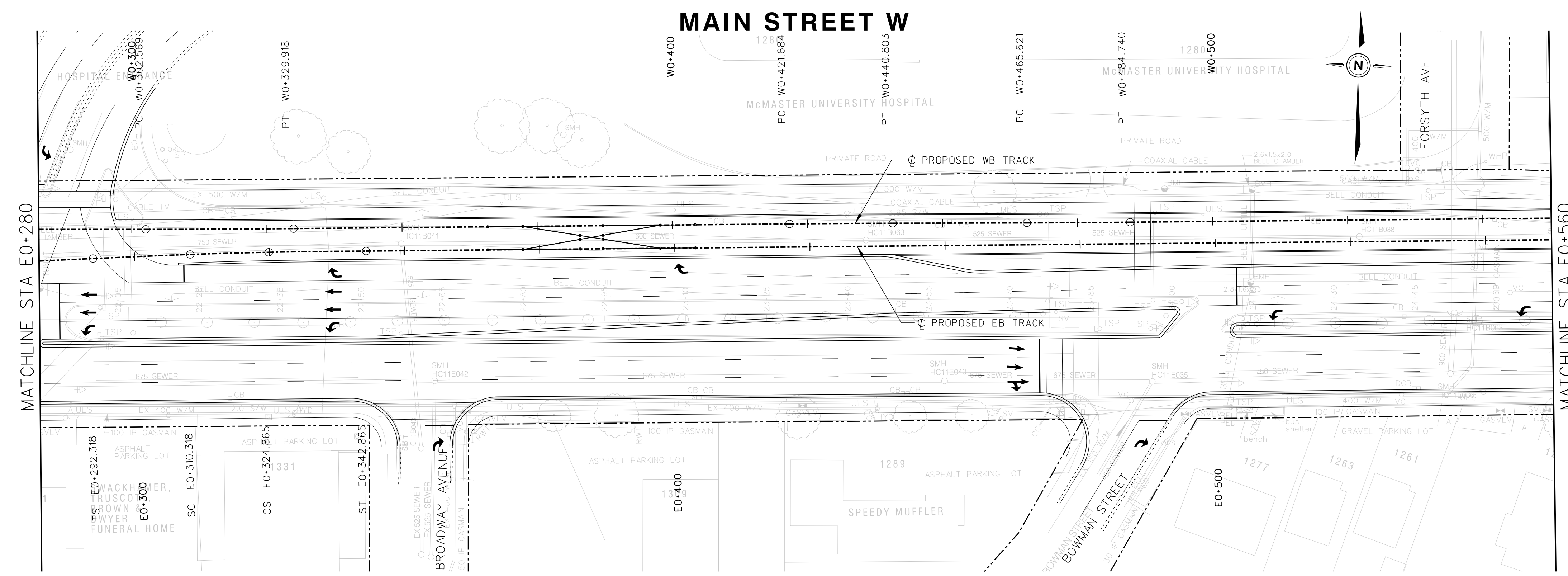
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



Station	Proposed Top of Rail Profile (m)	Existing Ground Elevation (m)	Design Chainage Eastbound Track
E0+300	100.346	99.952	E0+300
E0+325	100.346	99.897	E0+325
E0+350	100.346	100.013	E0+350
E0+375	100.337	99.965	E0+375
E0+400	100.231	99.864	E0+400
E0+425	100.083	99.744	E0+425
E0+450	99.990	99.685	E0+450
E0+475	99.979	99.770	E0+475
E0+500	99.972	99.662	E0+500
E0+525	99.964	99.547	E0+525
E0+550	99.957	99.579	E0+550

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan: \_\_\_\_\_  
Water Plan: \_\_\_\_\_

Geodetic: Bench Mark Index \_\_\_\_\_  
Borehole Report: \_\_\_\_\_

**SCALES**

HORIZONTAL: 1:500  
VERTICAL: 1:100

Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_



DRAWN: JUAN WU  
CHECKED: KATHLEEN GIORGANO  
APPROVED: LUIGIAN BANQUO  
DATE: 2017/05/10

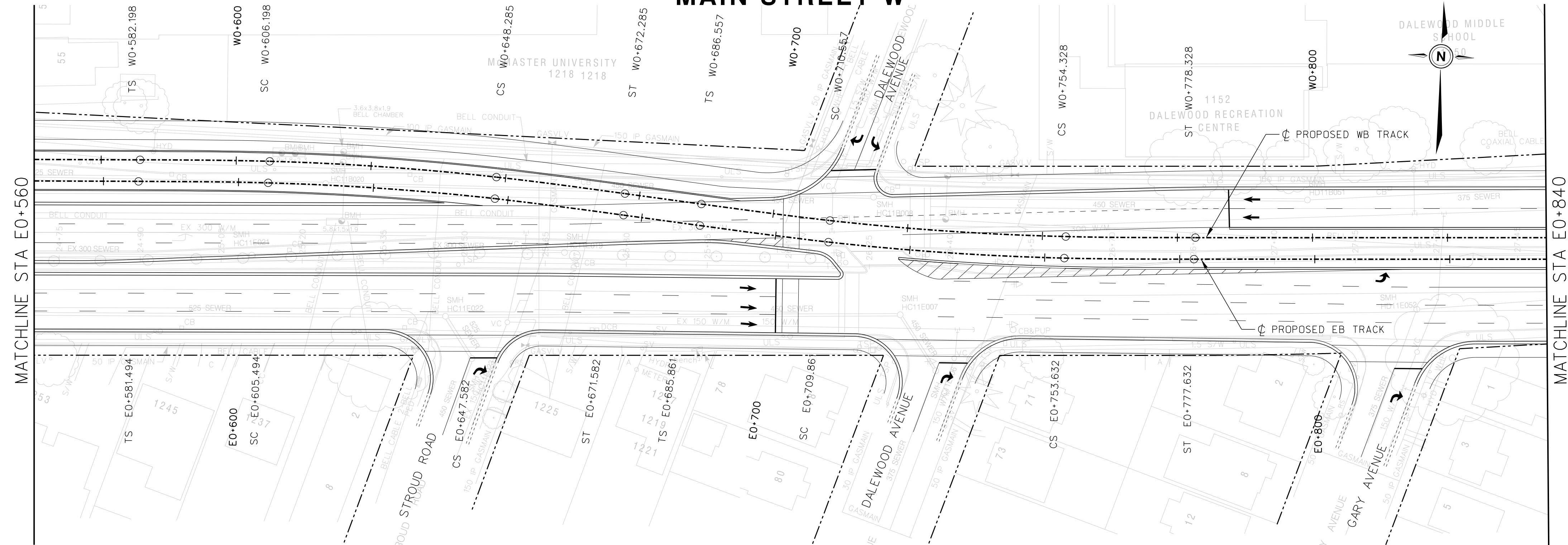


**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E0+280 TO STA E0+560

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 User: wuj6 17/05/2017 12:05:02 PM

# MAIN STREET W



FILE No. \_\_\_\_\_ CONTRACT No. C11-12-10 SHEET No. \_\_\_\_\_  
 DWG. No. HALRT-RD-NC003

DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED

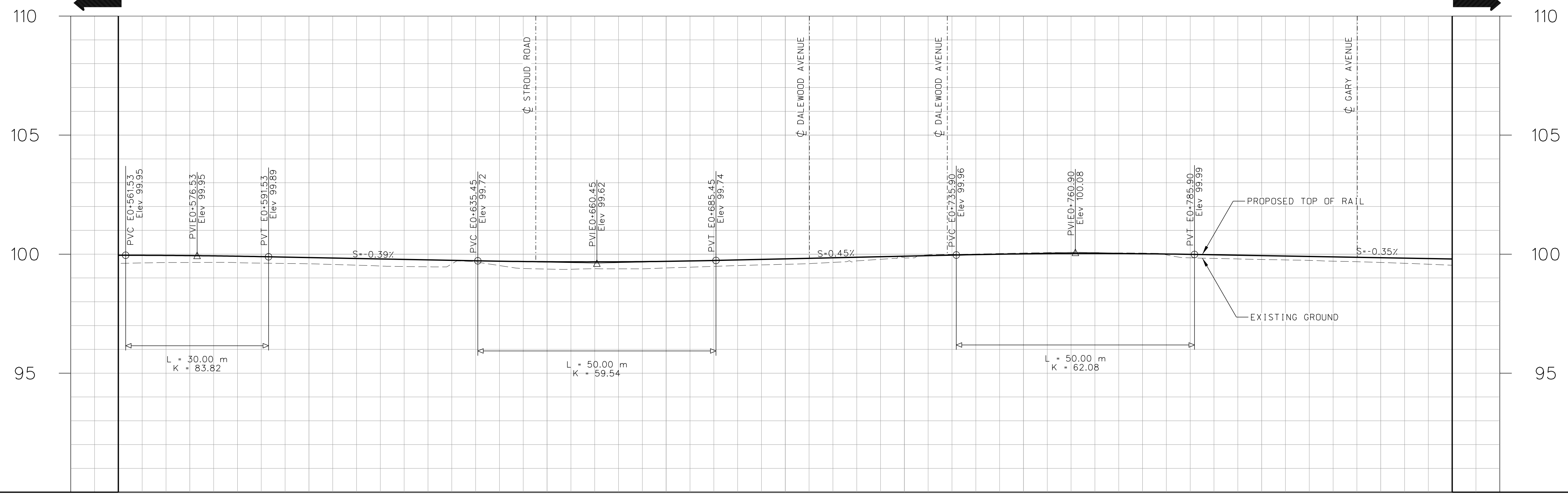


- LEGEND**
- LRT TRACK CENTRELINE
  - EXISTING PROPERTY LINE
  - PROPOSED TOP OF RAIL (PROFILE)
  - EXISTING GROUND LINE (PROFILE)
  - EAST BOUND TRACK USED AS REFERENCE LINE
  - E0+000.00 STATIONING ON EB TRACK
  - W0+000.00 STATIONING ON WB TRACK
  - N0+000.00 STATIONING ON NB TRACK
  - S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ← → EASTBOUND



THE PRELIMINARY ENGINEERING  
 DRAWINGS ARE SUBJECT TO FINAL  
 ENGINEERING DETAIL DRAWINGS  
 AND REVIEW, LEGAL AND GEODETIC  
 SURVEY INFORMATION,  
 UNDERGROUND INFRASTRUCTURE  
 RELOCATION STRATEGIES, ETC.

	99.938	99.857	99.780	99.681	99.697	99.801	99.914	100.011	100.016	99.937	99.849	PROPOSED TOP OF RAIL PROFILE
	99.650	99.595	99.468	99.374	99.422	99.573	99.850	100.048	100.045	99.775	99.650	EXISTING GROUND ELEVATION
E0+575	E0+600	E0+625	E0+650	E0+675	E0+700	E0+725	E0+750	E0+775	E0+800	E0+825	E0+840	DESIGN CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic: Bench Mark Index	Elevation=
Borehole Report:	

**SCALES**

0 5m 10m 20m

HORIZONTAL 1:500

0 1m 2m 4m

VERTICAL 1:100

Project Manager  
NAME \_\_\_\_\_

Manager of Design  
NAME \_\_\_\_\_

**AECOM** **steer davis gleave**

**DIALOG**

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDANO  
 APPROVED: LUIGIAN BANCU  
 DATE: 2017\_05\_10

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E0+560 TO STA E0+840

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 User: wu\j6 17/05/2017 12:05:33 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

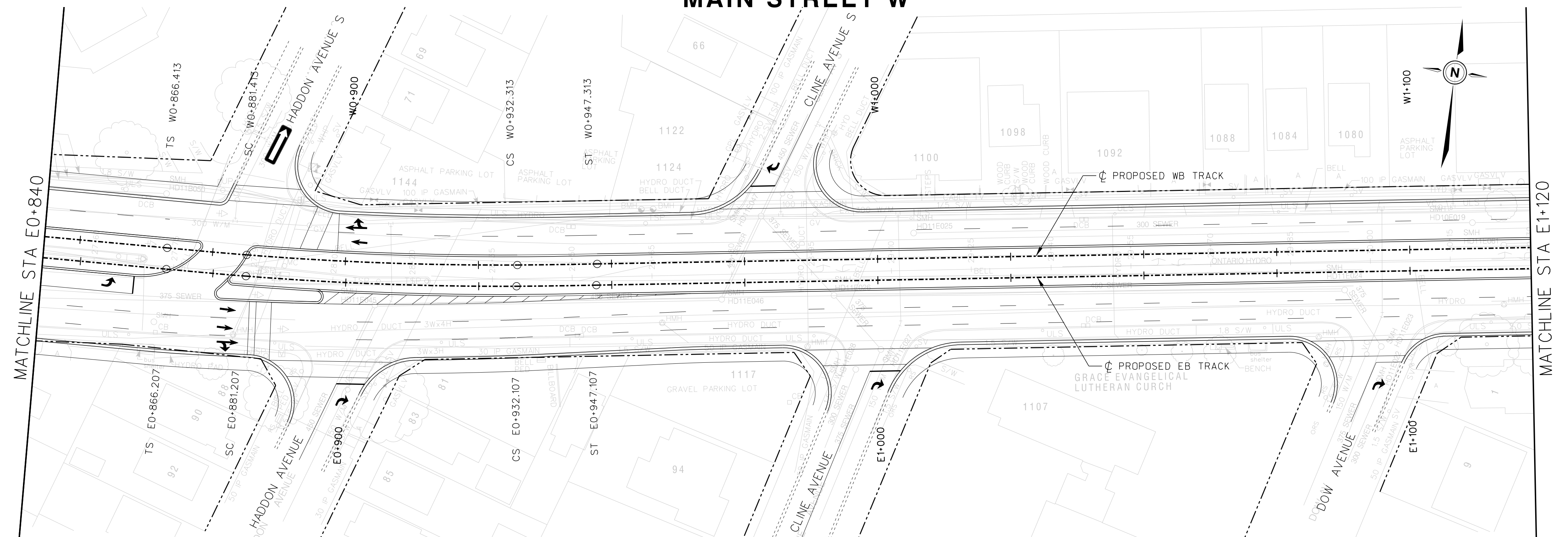
- LRT TRACK CENTRELINE
- - - - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

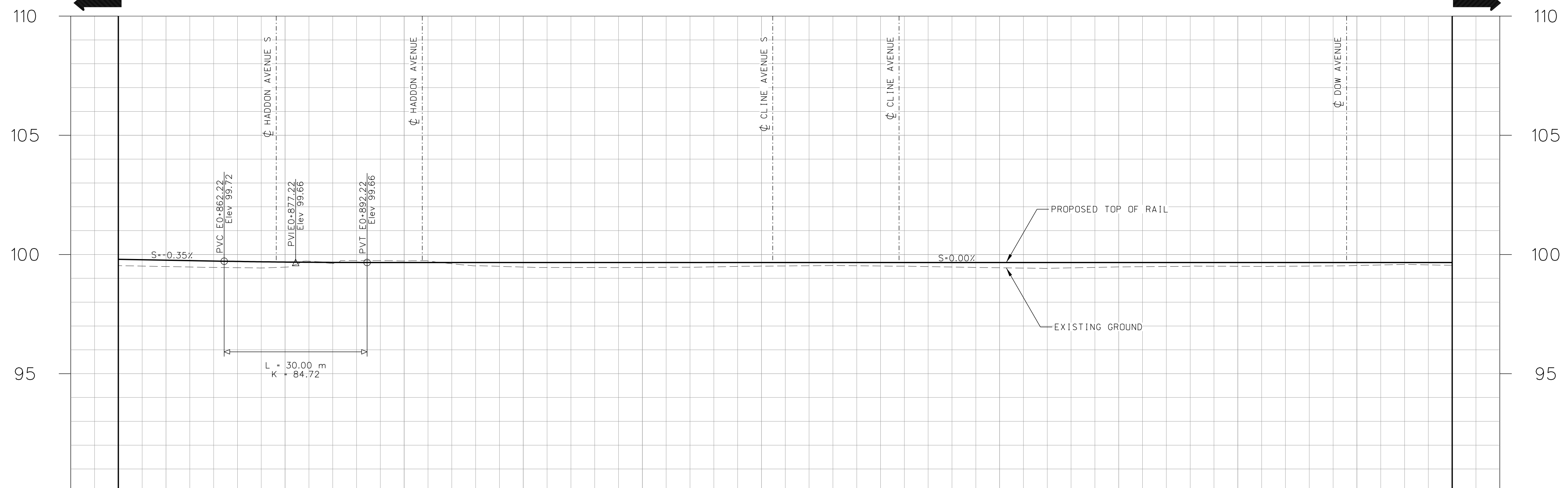
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

**MAIN STREET W**



WESTBOUND

EASTBOUND



E0+850	99.494	99.760	99.664
E0+875	99.469	99.681	99.664
E0+900	99.728	99.664	99.664
E0+925	99.471	99.664	99.664
E0+950	99.457	99.664	99.664
E0+975	99.513	99.664	99.664
E1+000	99.516	99.664	99.664
E1+025	99.442	99.664	99.664
E1+050	99.478	99.664	99.664
E1+075	99.503	99.664	99.664
E1+100	99.537	99.664	99.664

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002\_ALL.v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

**Project Manager**  
 NAME \_\_\_\_\_  
**Manager of Design**  
 NAME \_\_\_\_\_  
**NAME**  
 NAME \_\_\_\_\_

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E0+840 TO STA E1+120

pw:\1617479-PWINT\_aecomonline.local\AECOM\_DS02\_NA\_Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\_Track\HALRT-RD-NC004.dgn  
 User:wuj6 17/05/2017 12:06:07 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

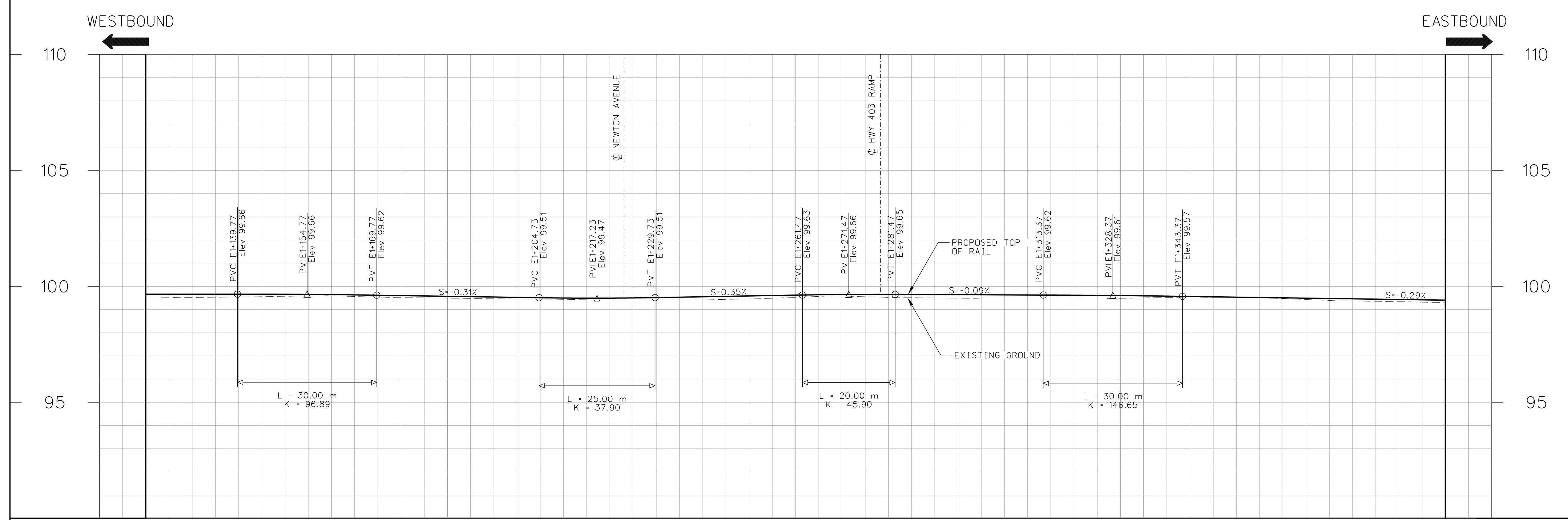
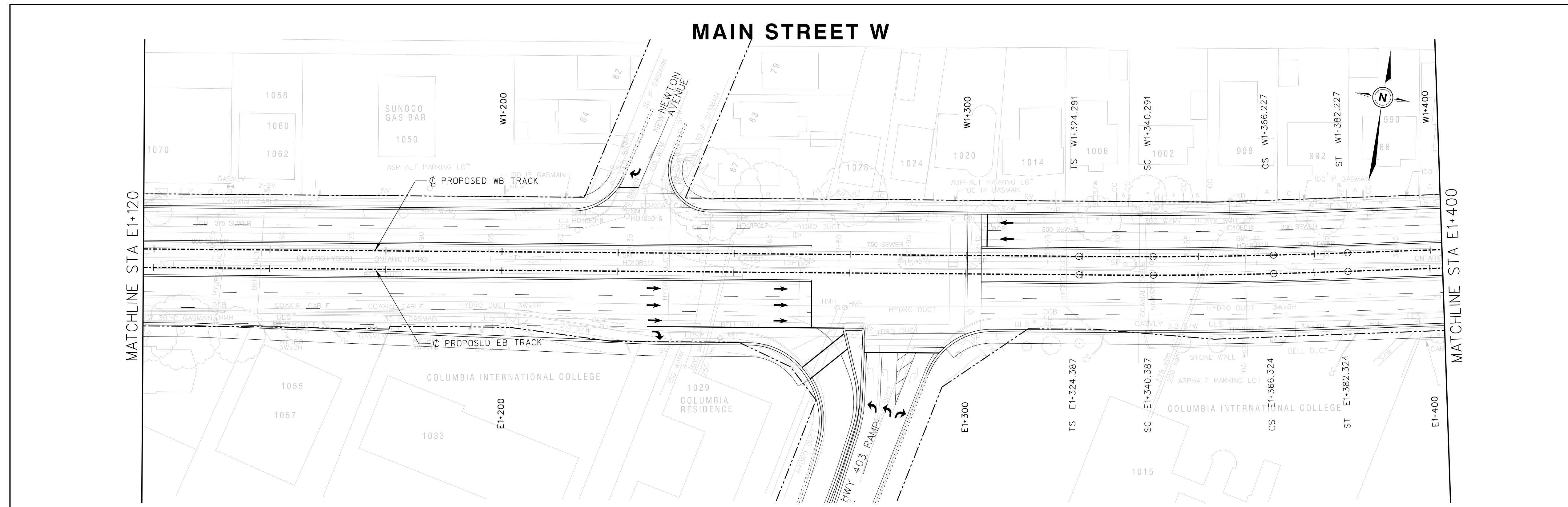


**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

99.664	99.658	99.601	99.524	99.501	99.585	99.653	99.636	99.610	99.549	99.476	99.404	PROPOSED TOP OF RAIL PROFILE
99.526	99.570	99.516	99.457	99.404	99.457	99.552	99.527	99.392	99.527	99.392	99.290	EXISTING GROUND ELEVATION
E1+125	E1+150	E1+175	E1+200	E1+225	E1+250	E1+275	E1+300	E1+325	E1+350	E1+375	E1+400	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

Survey Plan:	COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic:	Bench Mark Index Borehole Report -
Elevation:	

**SCALES**

HORIZONTAL: 1:500  
VERTICAL: 1:100

Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_



DRAWN: JUAN WU  
CHECKED: KATHLEEN GORDANO  
APPROVED: LUIGIAN BANQUO  
DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E1+120 TO STA E1+400

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 User: wuj6 17/05/2017 12:06:36 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

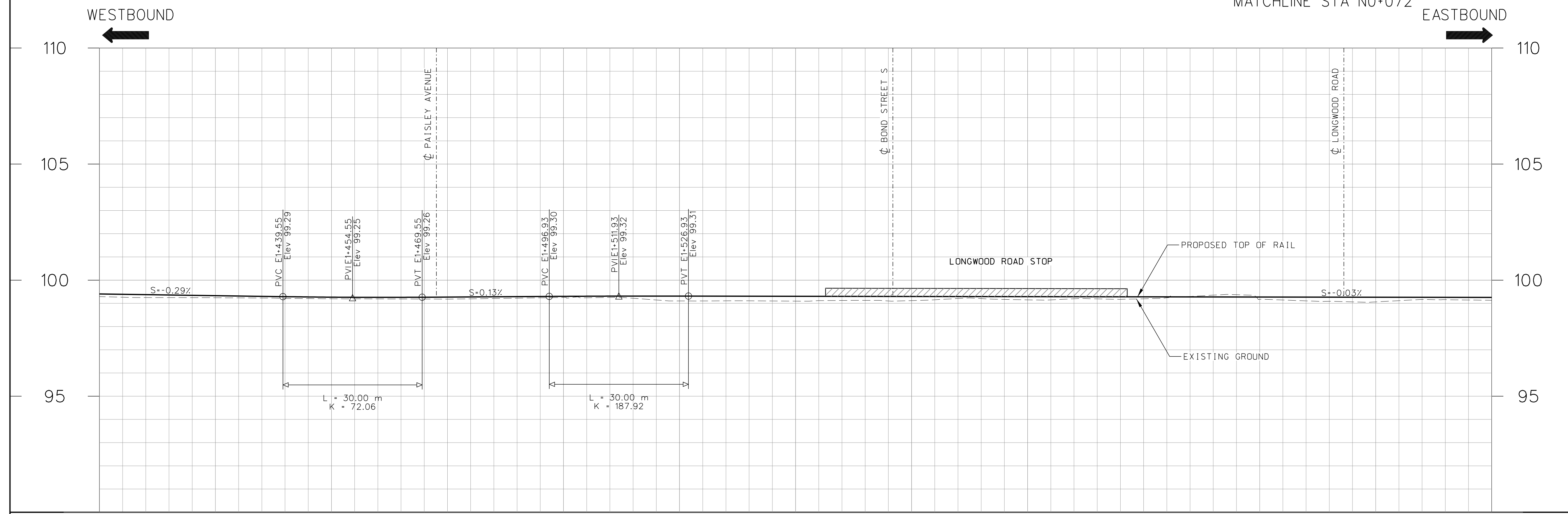
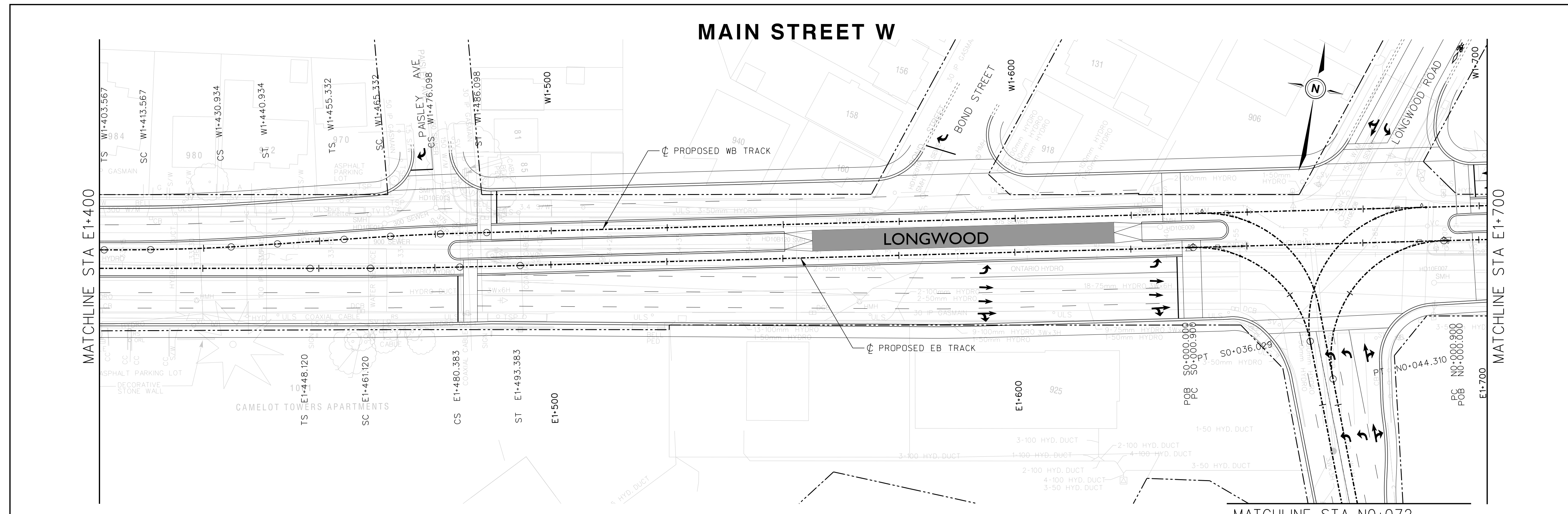


**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

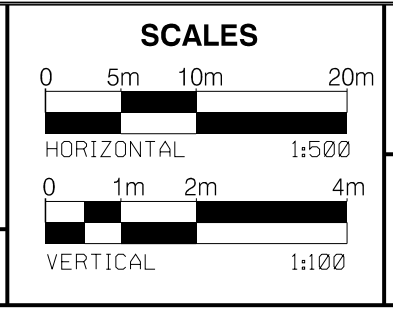


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

99.404	99.331	99.266	99.271	99.302	99.313	99.305	99.296	99.288	99.280	99.271	99.263	99.254	PROPOSED TOP OF RAIL PROFILE
99.290	99.242	99.197	99.182	99.253	99.103	99.095	99.117	99.151	99.197	99.172	99.062	99.129	EXISTING GROUND ELEVATION
E1+400	E1+425	E1+450	E1+475	E1+500	E1+525	E1+550	E1+575	E1+600	E1+625	E1+650	E1+675	E1+700	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002\_ALL\_v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



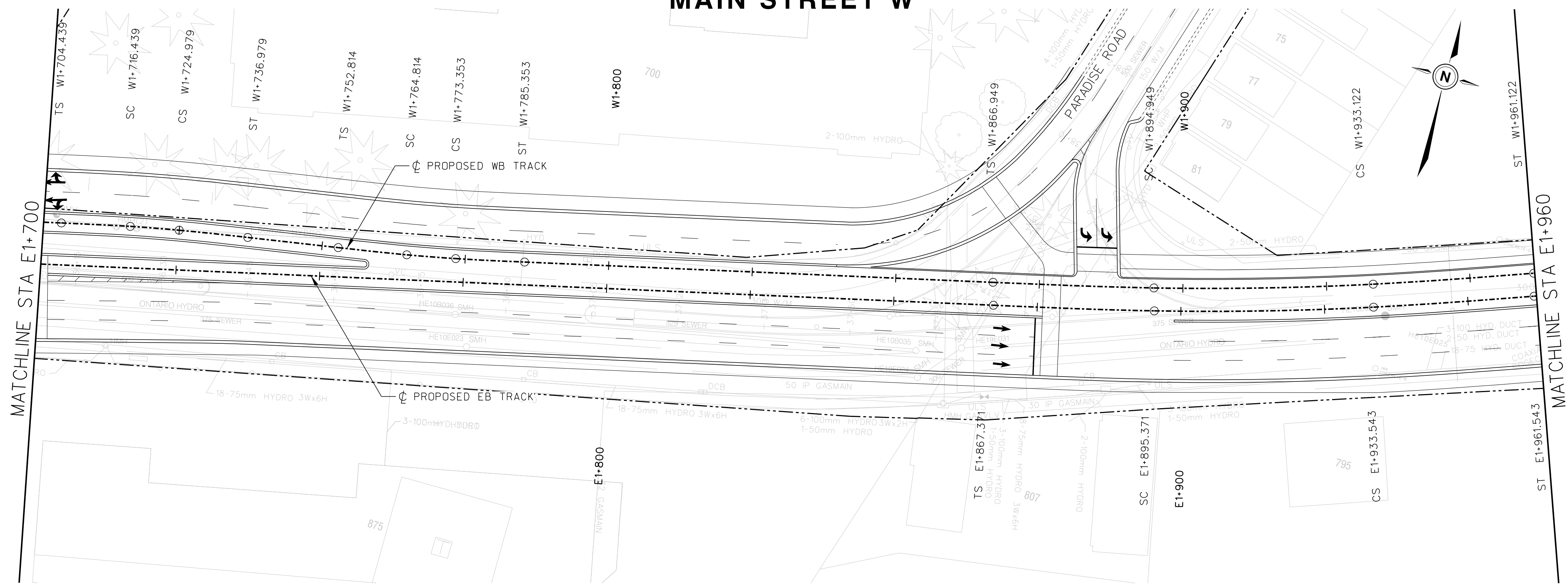
Project Manager  
 NAME  
 Manager of Design  
 NAME



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E1+400 TO STA E1+700

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# MAIN STREET W



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC007

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

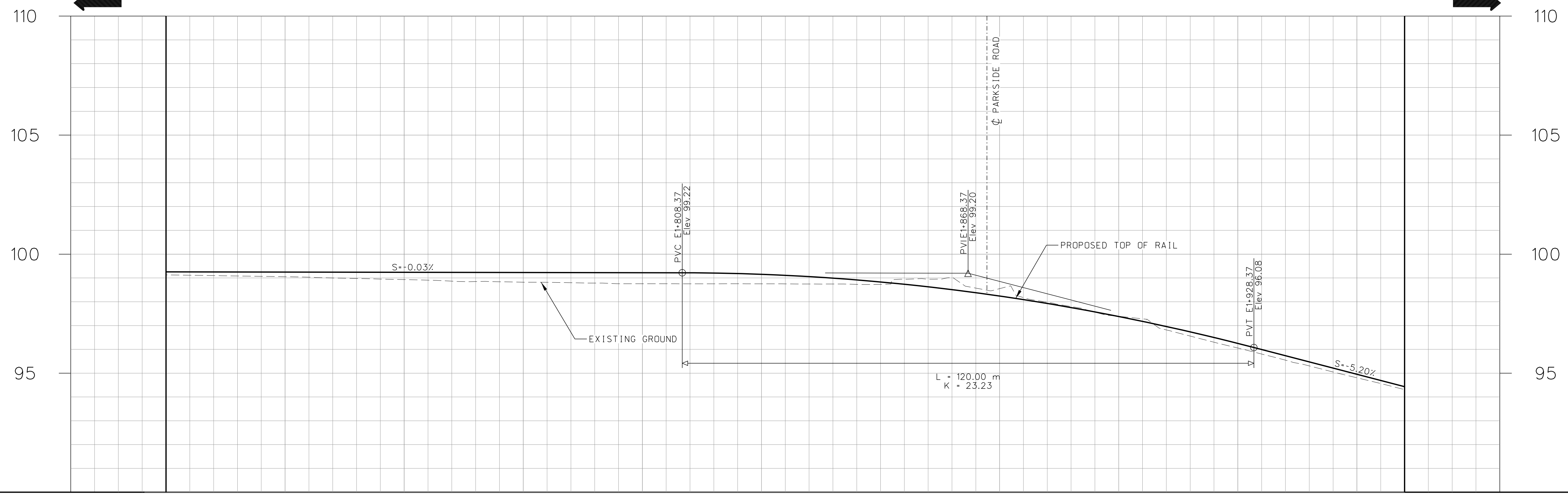
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ← → EASTBOUND

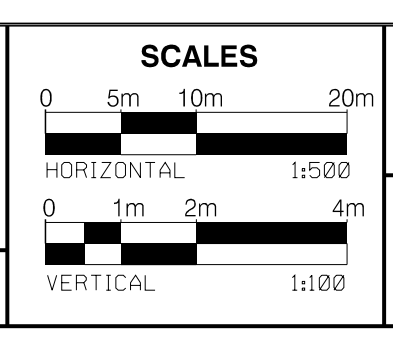


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

99.254	99.246	99.238	99.229	99.221	99.153	98.831	98.240	97.380	96.251	94.953	PROPOSED TOP OF RAIL PROFILE
99.129	99.053	98.931	98.822	98.755	98.753	98.732	98.551	97.388	96.058	94.806	EXISTING GROUND ELEVATION
E1+700	E1+725	E1+750	E1+775	E1+800	E1+825	E1+850	E1+875	E1+900	E1+925	E1+950	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



Project Manager  
 NAME  
 Manager of Design  
 NAME



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E1+700 TO STA E1+960

pw:\1617479-P\WINT\_aecomonline\local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC007.dgn  
 User:wuj6 17/05/2017 12:07:27 PM



DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



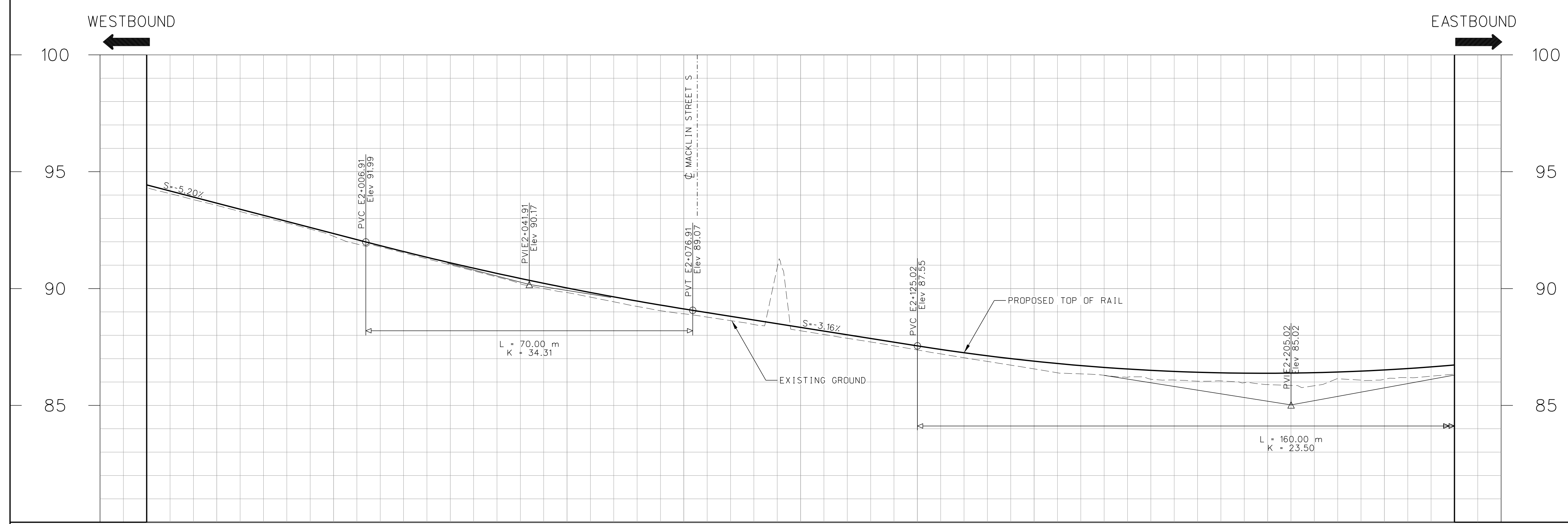
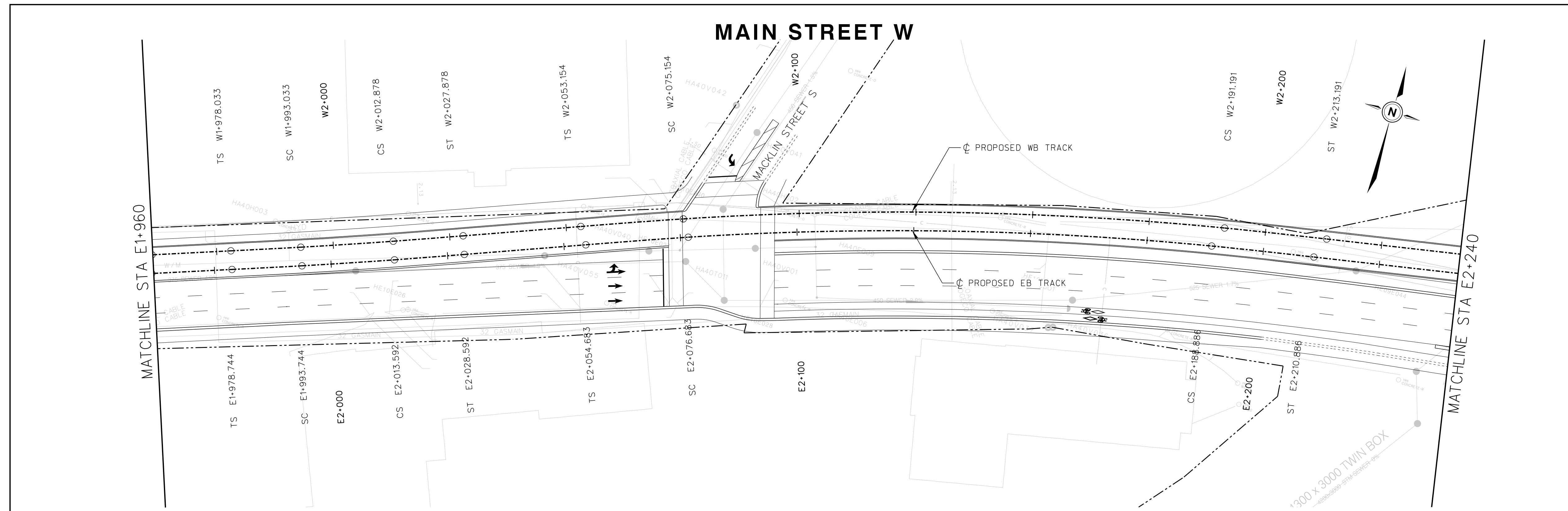
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



93.653	92.353	91.101	90.024	89.129	88.338	87.548	86.891	86.500	86.375	86.516
93.558	92.237	91.012	89.830	88.919	88.193	87.373	86.562	86.119	85.889	86.115
E1+975	E2+000	E2+025	E2+050	E2+075	E2+100	E2+125	E2+150	E2+175	E2+200	E2+225

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan: \_\_\_\_\_  
Water Plan: \_\_\_\_\_

Geodetic: Bench Mark Index \_\_\_\_\_  
Borehole Report - \_\_\_\_\_

**SCALES**

HORIZONTAL 1:500  
VERTICAL 1:100

Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_



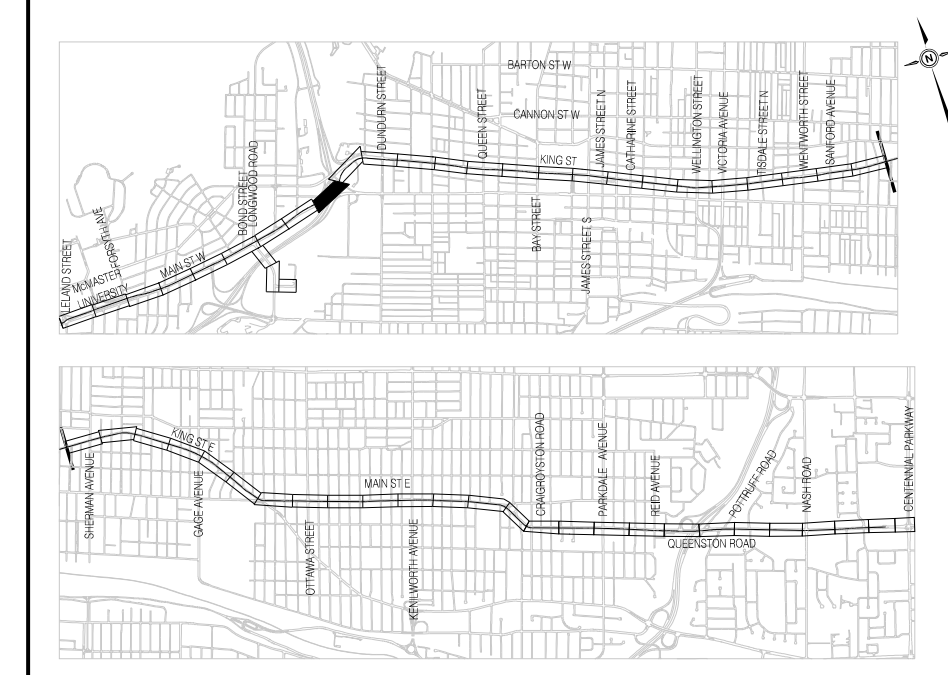
Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E1+960 TO STA E2+240

pw:\1617479-P\WINT\_aecomonline.local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\_Track\HALRT-RD-NC008.dgn  
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



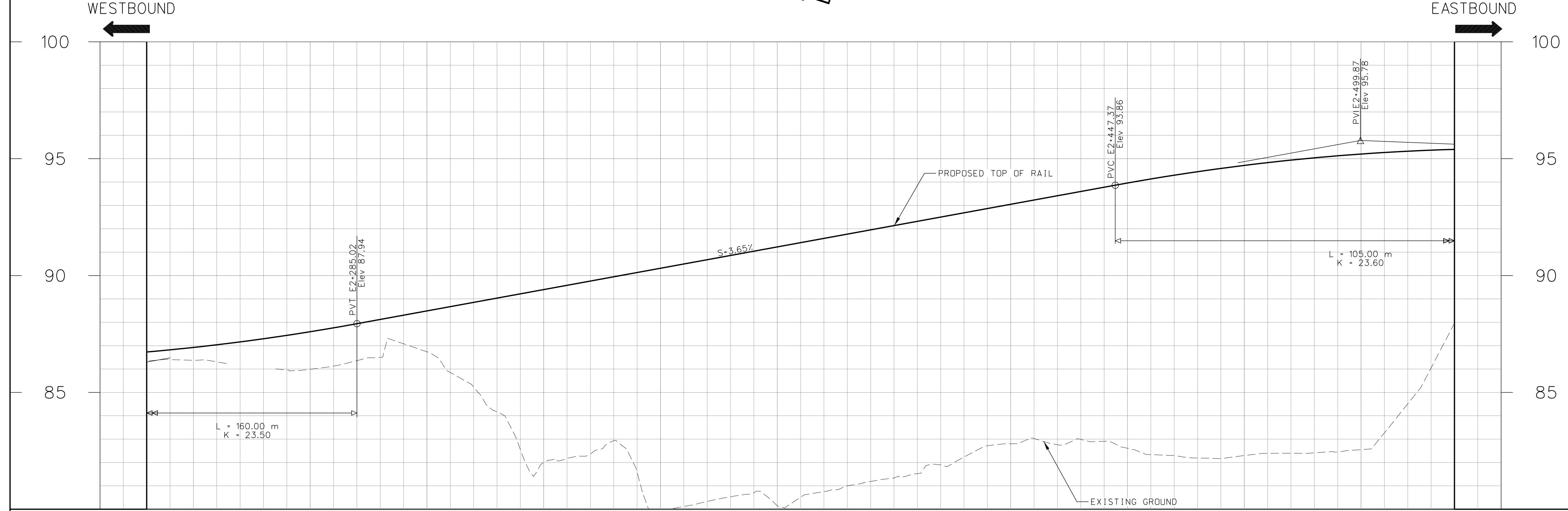
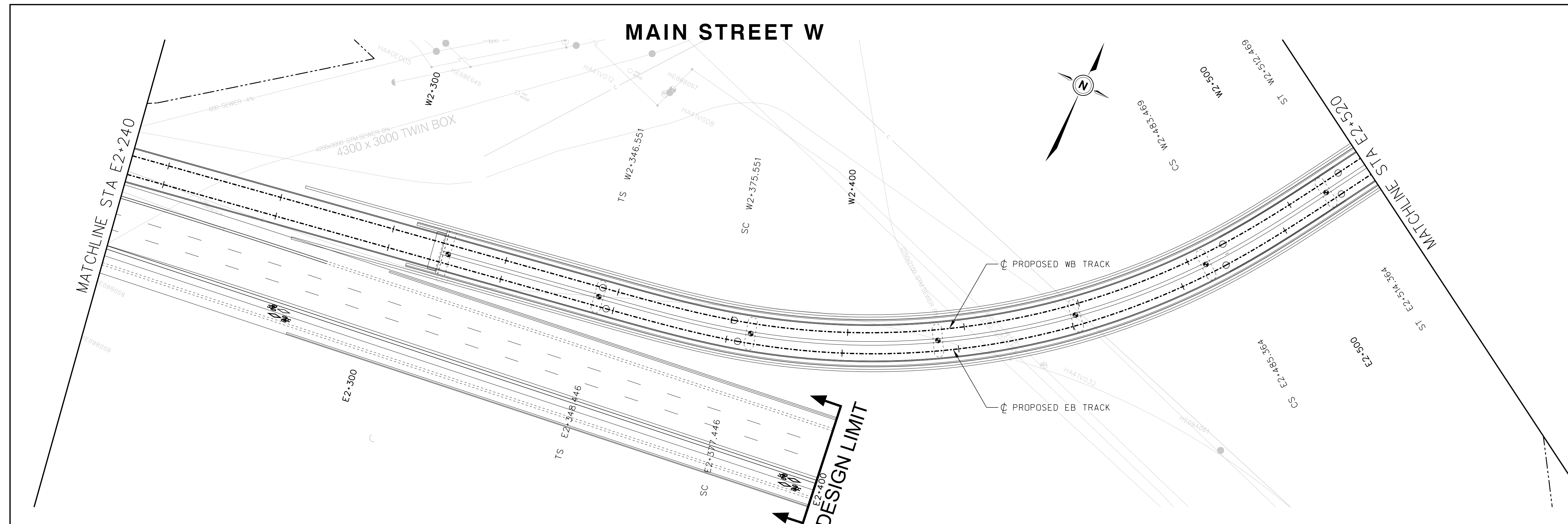
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0-000.00 STATIONING ON EB TRACK  
W0-000.00 STATIONING ON WB TRACK  
N0-000.00 STATIONING ON NB TRACK  
S0-000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



86.923	87.595	88.486	89.399	90.311	91.224	92.136	93.048	93.959	94.711	95.199	PROPOSED TOP OF RAIL PROFILE
86.375	85.990	86.739	82.002	79.770	80.150	81.341	82.803	82.610	82.298	82.551	EXISTING GROUND ELEVATION
E2+250	E2+275	E2+300	E2+325	E2+350	E2+375	E2+400	E2+425	E2+450	E2+475	E2+500	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

Survey Plan:	COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic:	Bench Mark Index
Borehole Report:	Elevation=

**SCALES**

HORIZONTAL 1:500  
VERTICAL 1:100

Project Manager  
NAME  
Manager of Design  
NAME



DRAWN: JUAN WU  
CHECKED: KATHLEEN GEORGANO  
APPROVED: LUQIAN BANQU  
DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E2+240 TO STA E2+520

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User:wuj6 17/05/2017 12:08:22 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

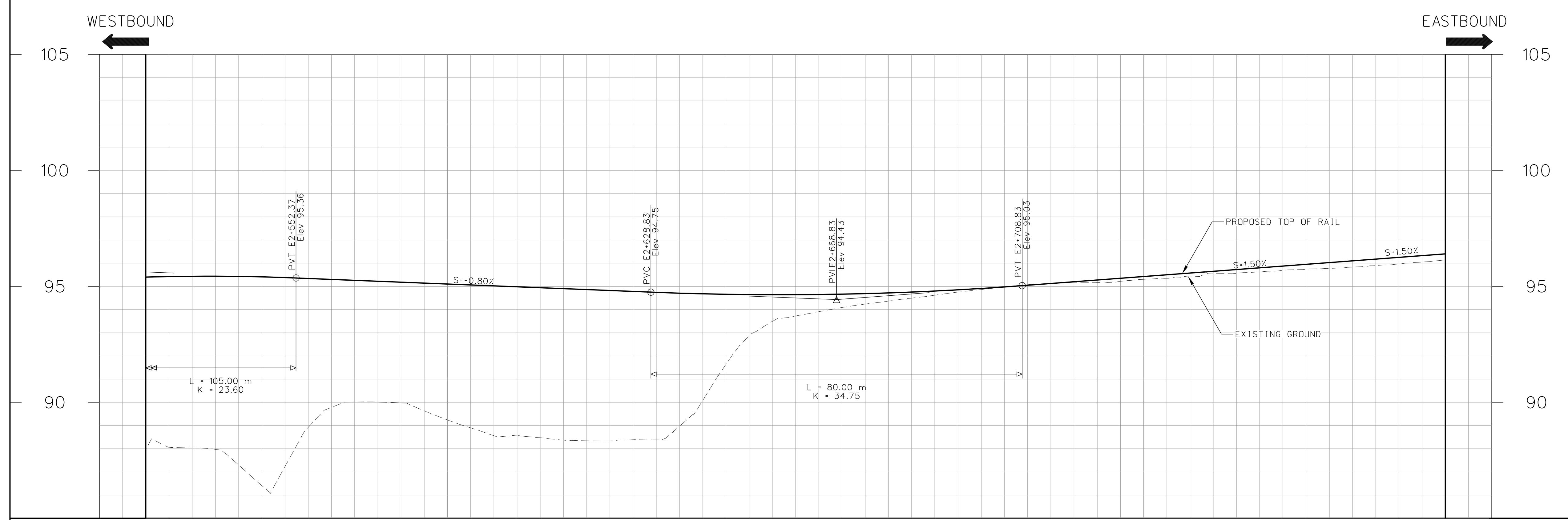
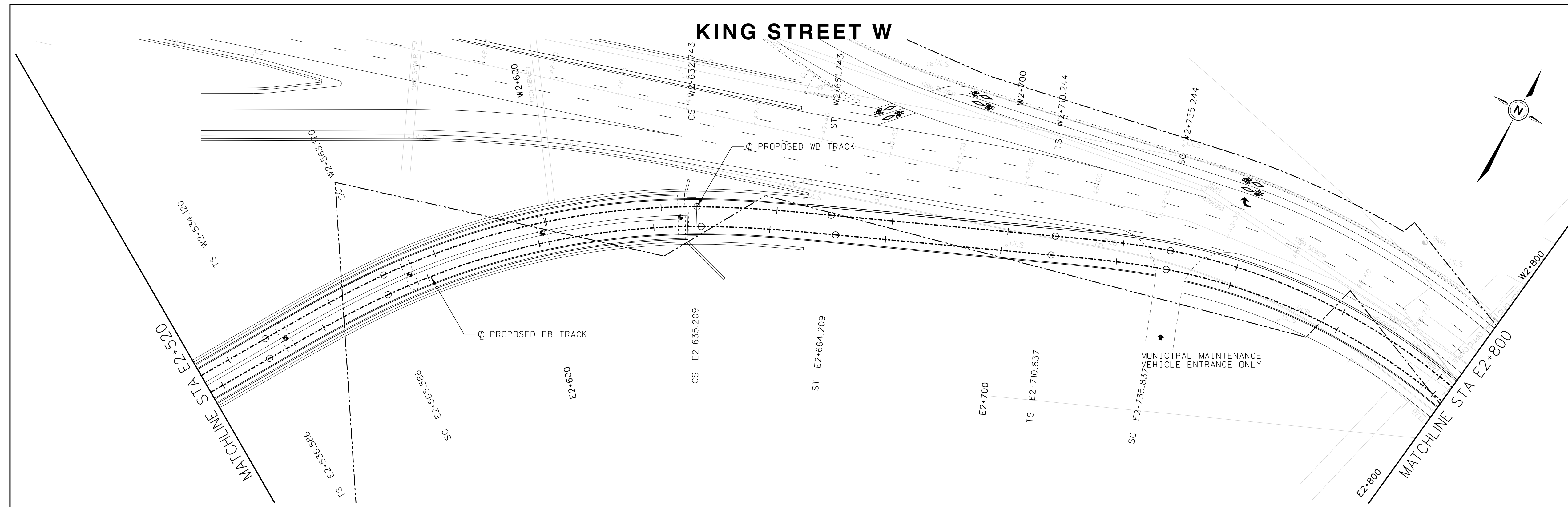
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



95.421	95.379	95.180	94.980	94.780	94.644	94.687	94.909	95.273	95.648	96.024	96.399	PROPOSED TOP OF RAIL PROFILE
88.057	87.232	89.972	88.584	88.387	92.858	94.234	94.863	95.165	95.541	95.775	96.142	EXISTING GROUND ELEVATION
E2+525	E2+550	E2+575	E2+600	E2+625	E2+650	E2+675	E2+700	E2+725	E2+750	E2+775	E2+800	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

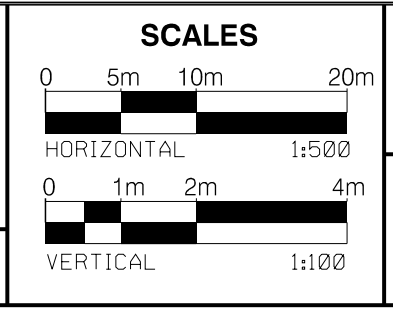
No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM10002\_ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
Water Plan:

Geodetic: Bench Mark Index  
Borehole Report -



Project Manager  
NAME \_\_\_\_\_  
Manager of Design  
NAME \_\_\_\_\_



Project Manager  
NAME \_\_\_\_\_  
Manager of Design  
NAME \_\_\_\_\_



**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E2+520 TO STA E2+800

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 User: wuj6 17/05/2017 12:08:46 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



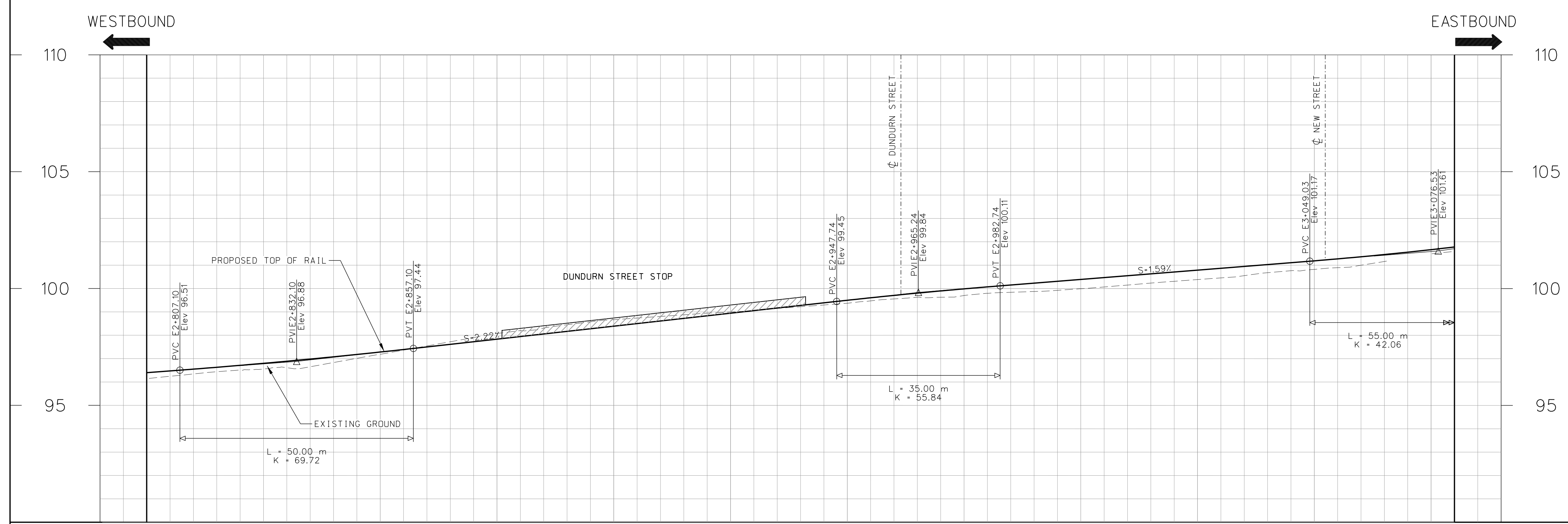
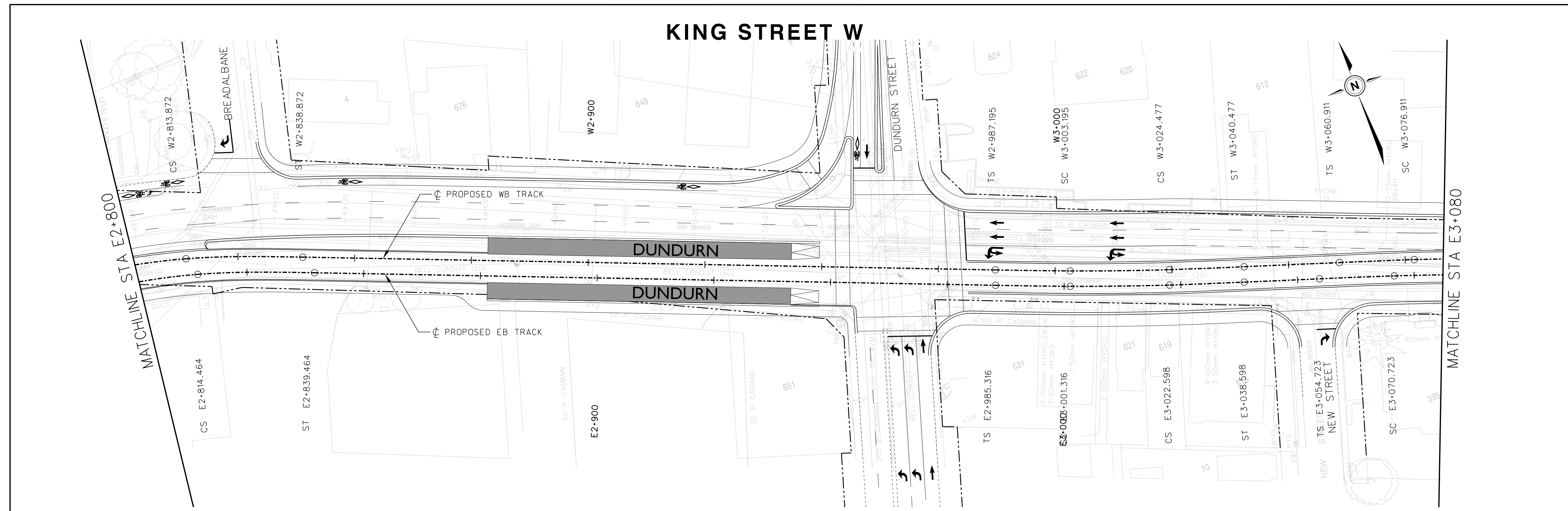
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
W0+000.00 STATIONING ON WB TRACK  
N0+000.00 STATIONING ON NB TRACK  
S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

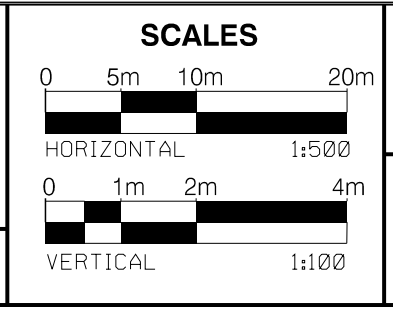


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

96.399	96.798	97.282	97.834	98.388	98.943	99.498	99.986	100.390	100.788	101.186	101.664	PROPOSED TOP OF RAIL PROFILE
96.142	96.561	97.185	98.078	98.663	98.998	99.371	99.702	99.992	100.385	100.821	101.664	EXISTING GROUND ELEVATION
E2+800	E2+825	E2+850	E2+875	E2+900	E2+925	E2+950	E2+975	E3+000	E3+025	E3+050	E3+075	DESIGN CL CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002_ALL.v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan: Water Plan:
Geodetic: Bench Mark Index Borehole Report -



Project Manager  
NAME  
Manager of Design  
NAME



Project Manager  
NAME  
Manager of Design  
NAME



**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E2+800 TO STA E3+080

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User:wuj6 17/05/2017 12:09:12 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



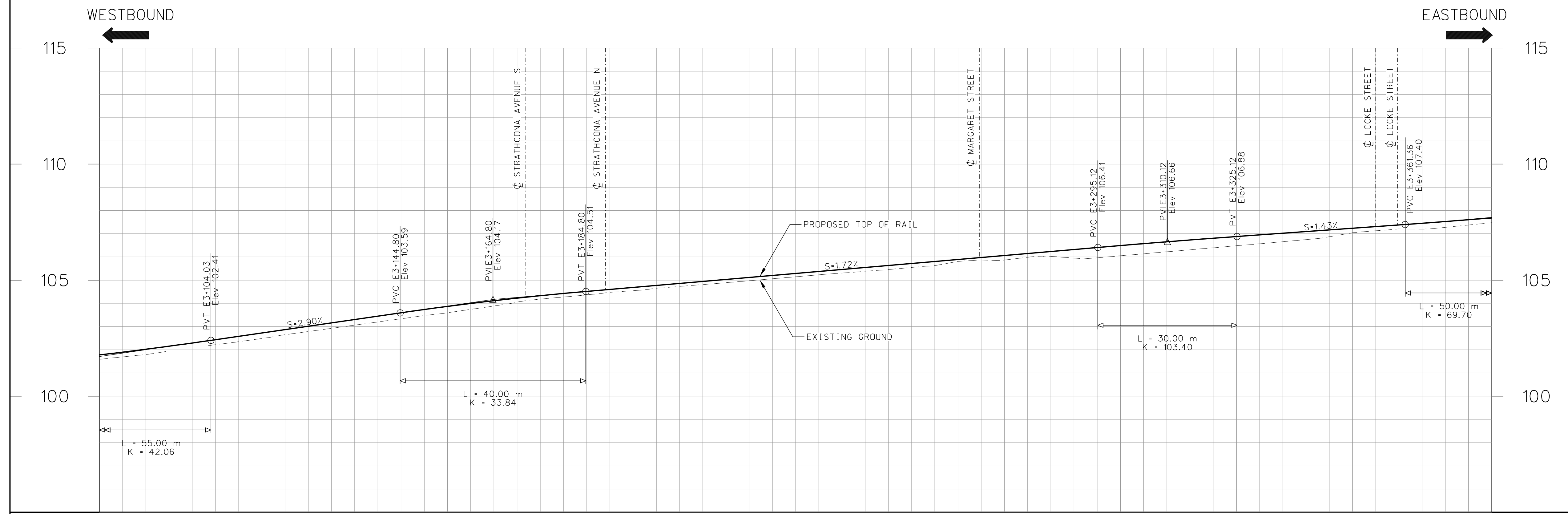
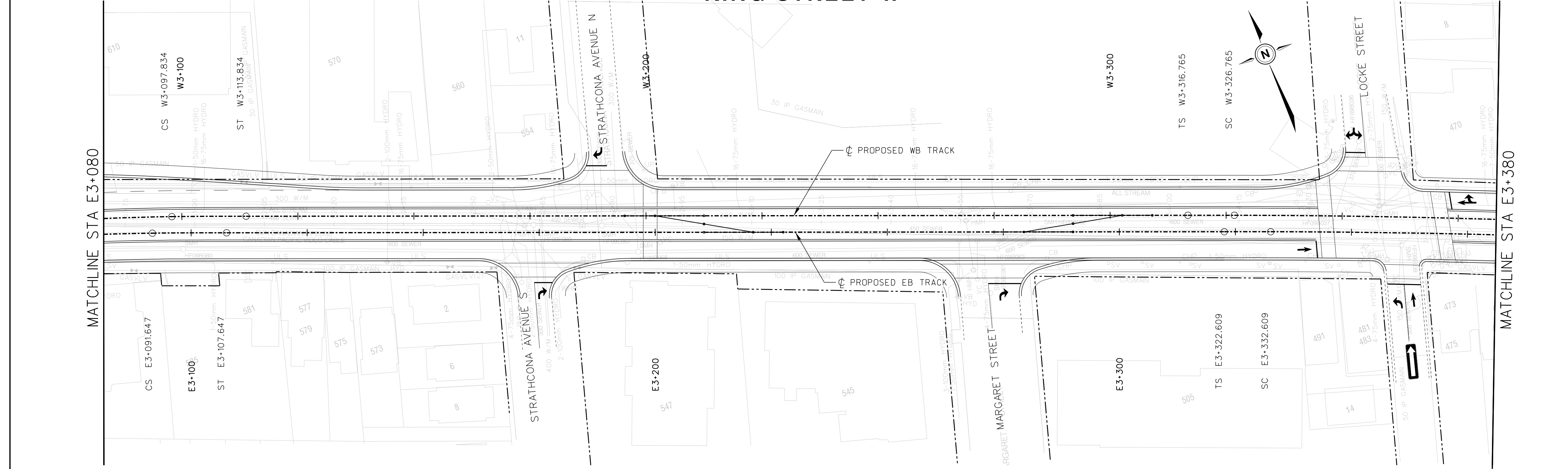
- LEGEND**
- - - - - LRT TRACK CENTRELINE
  - - - - - EXISTING PROPERTY LINE
  - - - - - PROPOSED TOP OF RAIL (PROFILE)
  - - - - - EXISTING GROUND LINE (PROFILE)
  - - - - - EAST BOUND TRACK USED AS REFERENCE LINE
  - E0+000.00 STATIONING ON EB TRACK
  - W0+000.00 STATIONING ON WB TRACK
  - N0+000.00 STATIONING ON NB TRACK
  - S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

# KING STREET W



102.291	103.014	103.735	104.329	104.773	105.202	105.632	106.061	106.490	106.877	107.234	107.604	PROPOSED TOP OF RAIL PROFILE
	102.786	103.477	104.180	104.649	105.058	105.455	105.866	106.051	106.482	107.040	107.375	EXISTING GROUND ELEVATION
E3+100	E3+125	E3+150	E3+175	E3+200	E3+225	E3+250	E3+275	E3+300	E3+325	E3+350	E3+375	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL: 1:500  
 VERTICAL: 1:100

Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E3+080 TO STA E3+380

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 User: wuj6 17/05/2017 12:09:38 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



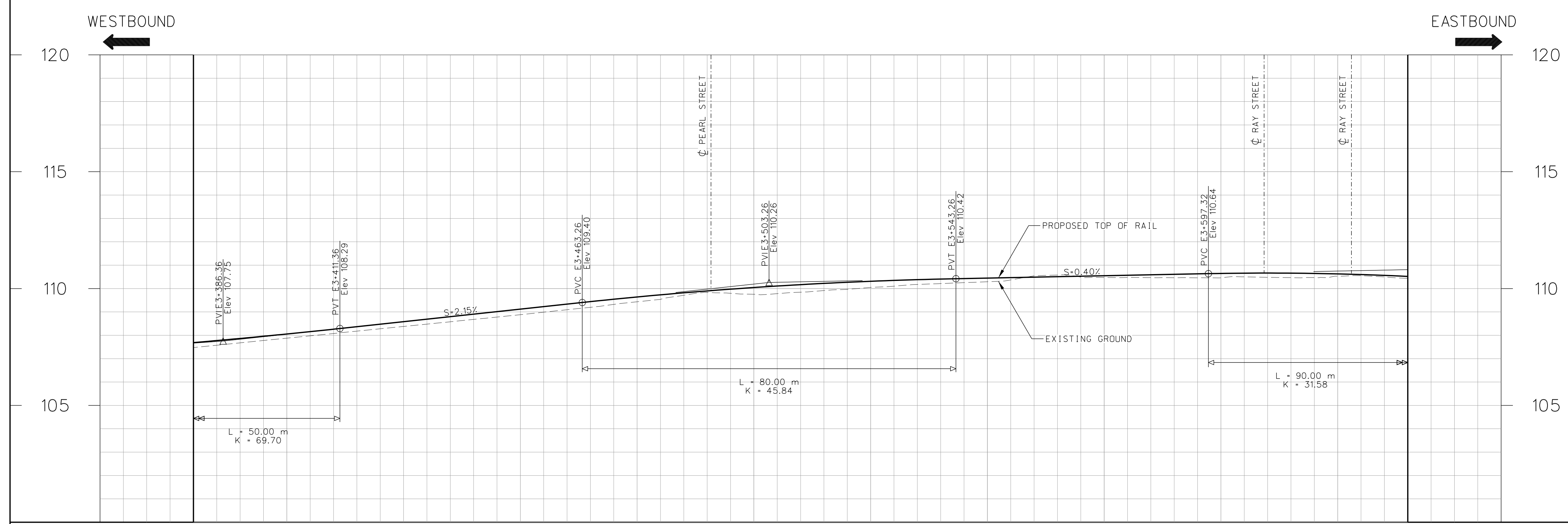
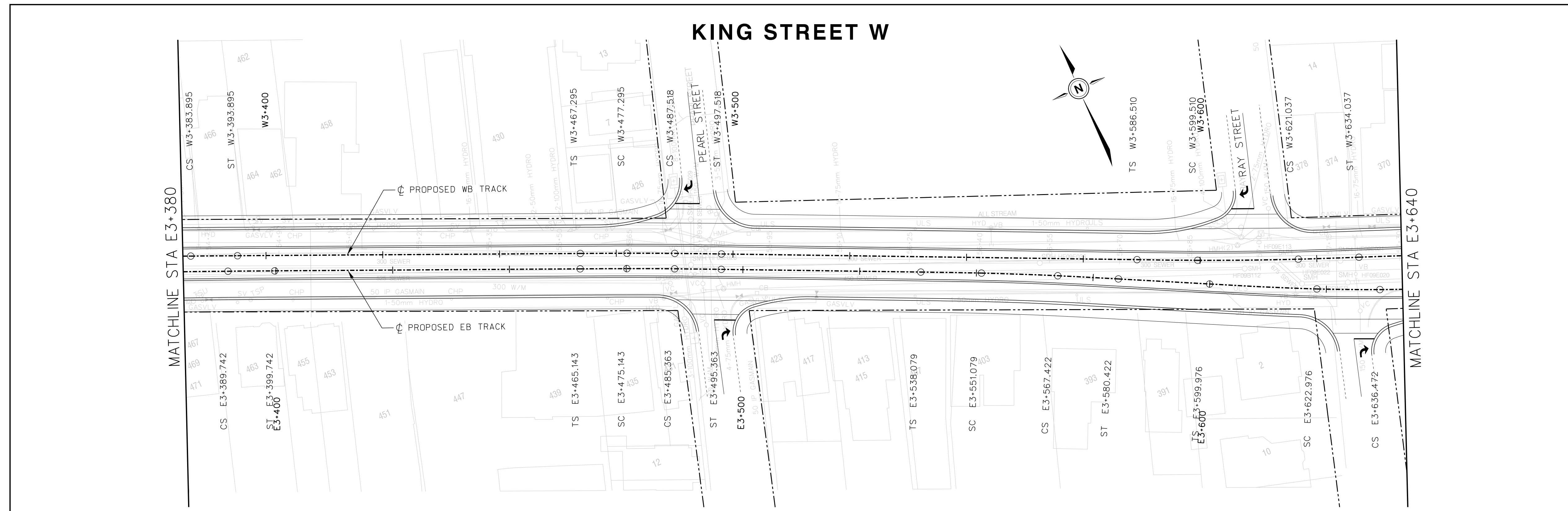
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

Station	Proposed Top of Rail Profile	Existing Ground Elevation	Design Chainage Eastbound Track
E3+380	108.055	107.877	E3+400
E3+400	108.582	108.378	E3+425
E3+425	109.118	108.880	E3+450
E3+450	109.640	109.433	E3+475
E3+475	110.044	109.754	E3+500
E3+500	110.311	110.048	E3+525
E3+525	110.448	110.291	E3+550
E3+550	110.548	110.474	E3+575
E3+575	110.647	110.459	E3+600
E3+600	110.626	110.530	E3+625
E3+625	110.626	110.530	E3+640

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL: 1:500  
 VERTICAL: 1:100

Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E3+380 TO STA E3+640

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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



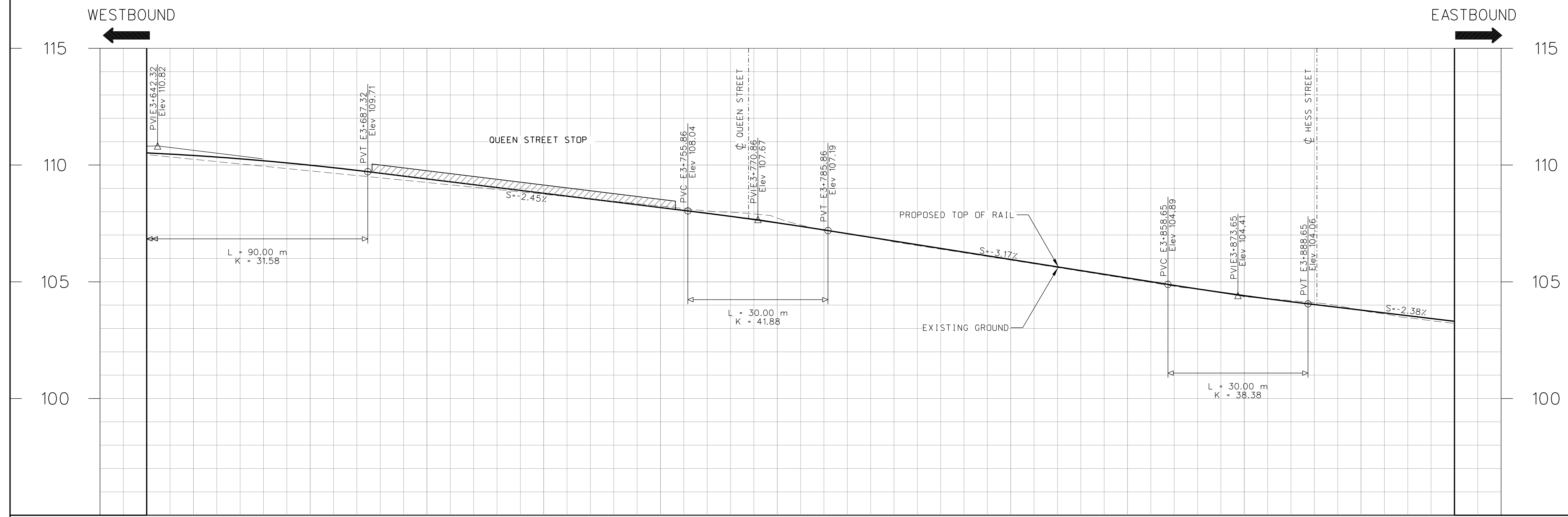
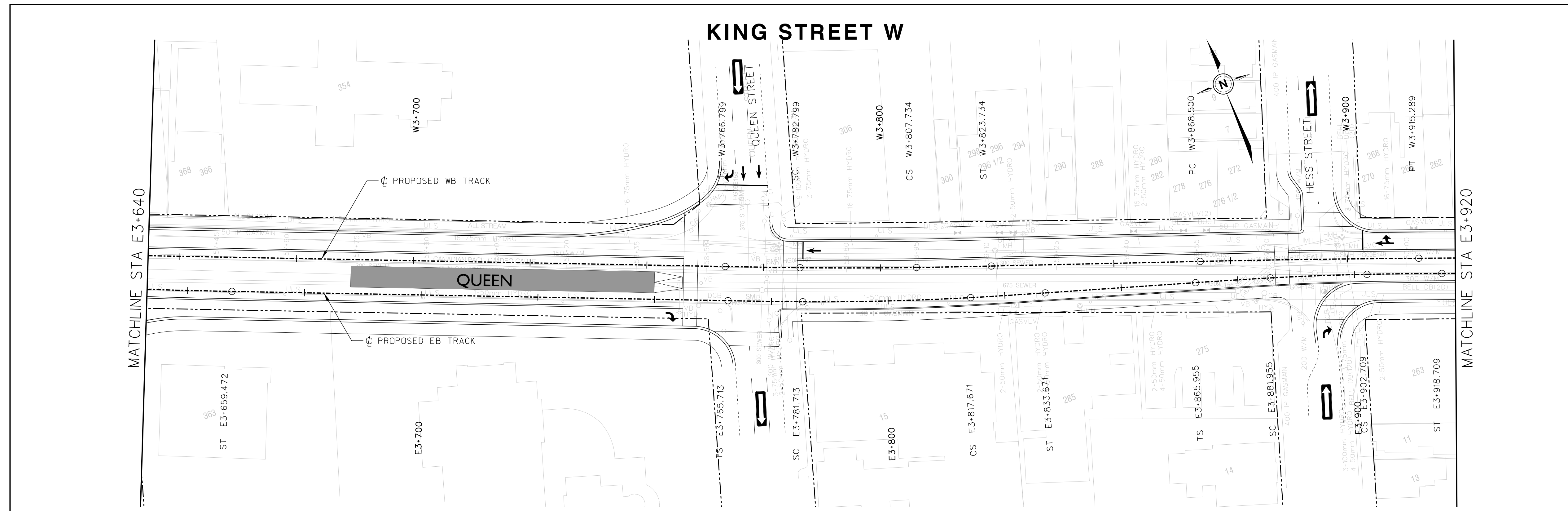
**LEGEND**

- - - - - LRT TRACK CENTRELINE
- - - - - EXISTING PROPERTY LINE
- - - - - PROPOSED TOP OF RAIL (PROFILE)
- - - - - EXISTING GROUND LINE (PROFILE)
- - - - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



	110.408	109.992	109.404	108.791	108.179	107.523	106.745	105.954	105.162	104.405	103.785	PROPOSED TOP OF RAIL PROFILE
	110.247	109.750	109.253	108.749	108.245	107.732	106.707	105.930	105.131	104.357	103.780	EXISTING GROUND ELEVATION
	E3+650	E3+675	E3+700	E3+725	E3+750	E3+775	E3+800	E3+825	E3+850	E3+875	E3+900	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

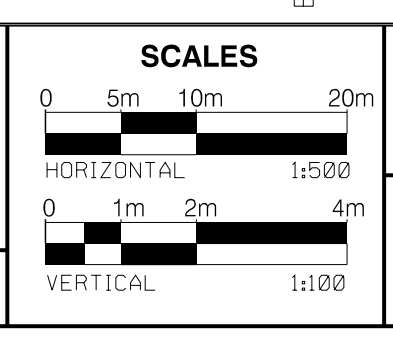
No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM10002.ALL.v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
Water Plan:

Geodetic: Bench Mark Index  
Borehole Report -



Project Manager  
NAME \_\_\_\_\_  
Manager of Design  
NAME \_\_\_\_\_



Project Manager  
NAME \_\_\_\_\_  
Manager of Design  
NAME \_\_\_\_\_



**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E3+640 TO STA E3+920

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 User: wuj6 17/05/2017 12:10:31 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

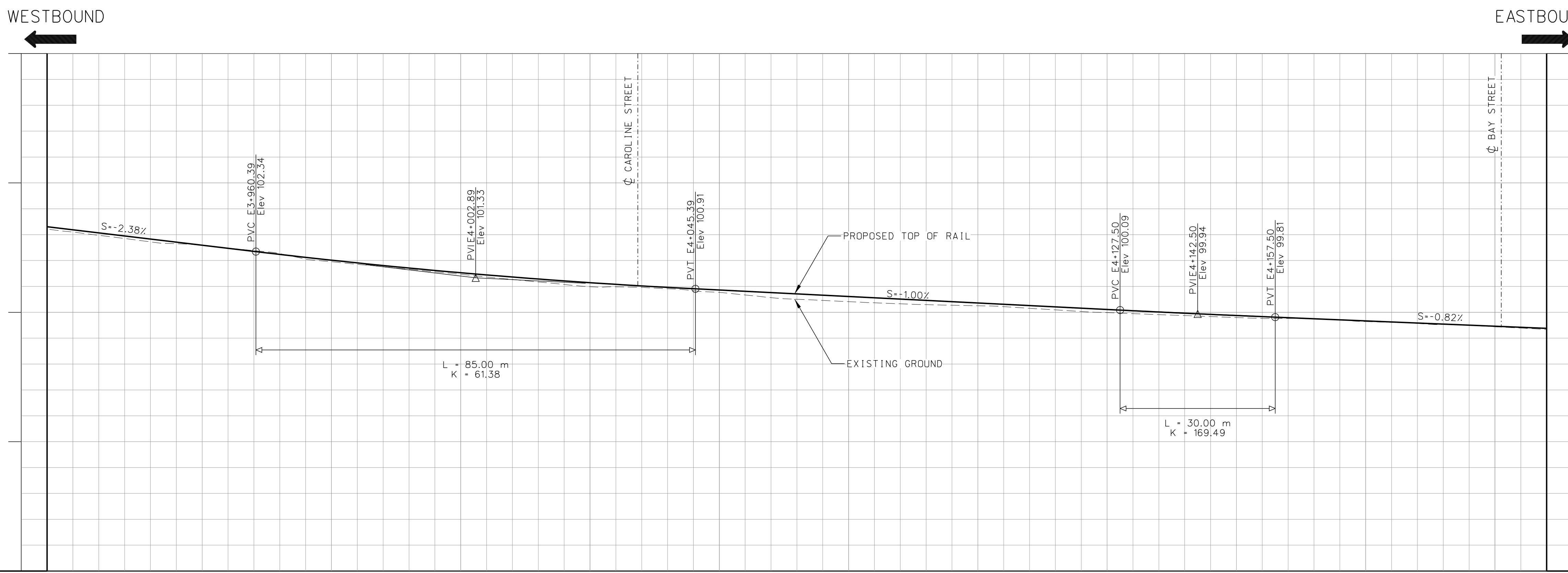
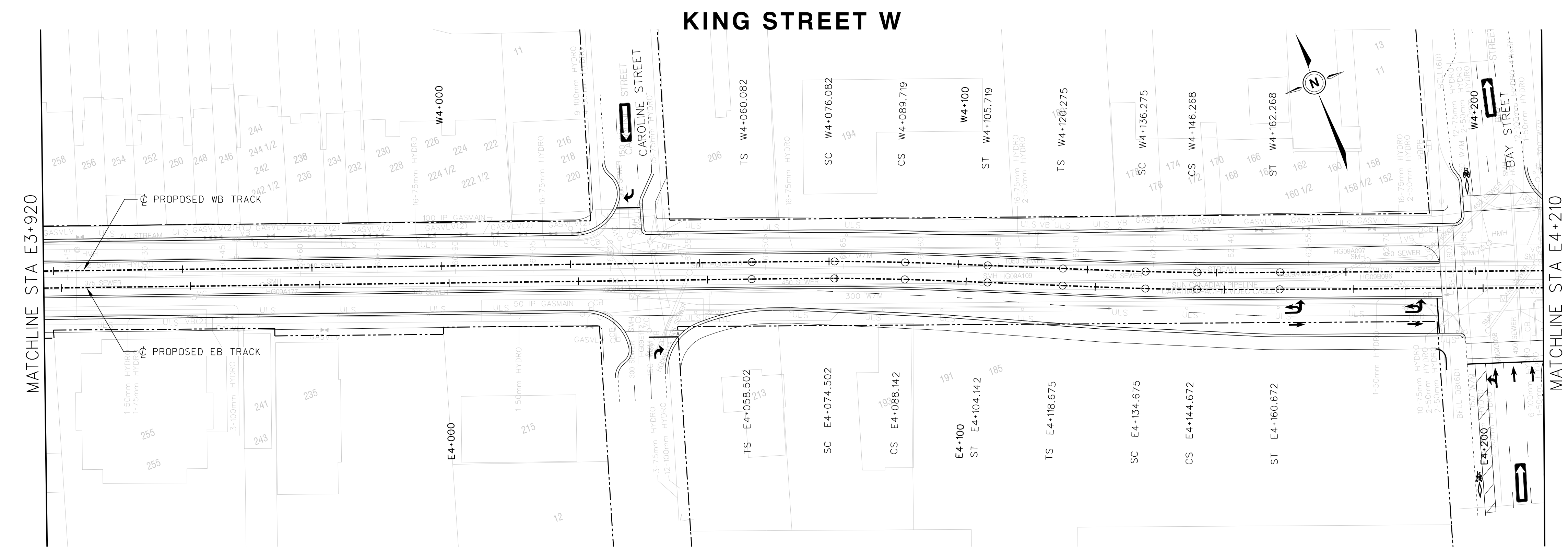
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



103.189	102.592	102.014	101.528	101.144	100.860	100.610	100.360	100.110	99.875	99.668	99.462	PROPOSED TOP OF RAIL PROFILE
103.101	102.582	101.954	101.470	100.988	100.770	100.411	100.253	99.986	99.797	99.640	99.440	EXISTING GROUND ELEVATION
E3+925	E3+950	E3+975	E4+000	E4+025	E4+050	E4+075	E4+100	E4+125	E4+150	E4+175	E4+200	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

Survey Plan:	COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002_ALL_V8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic:	Bench Mark Index Borehole Report -
Elevation:	

**SCALES**

HORIZONTAL 1:500  
VERTICAL 1:100

Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_



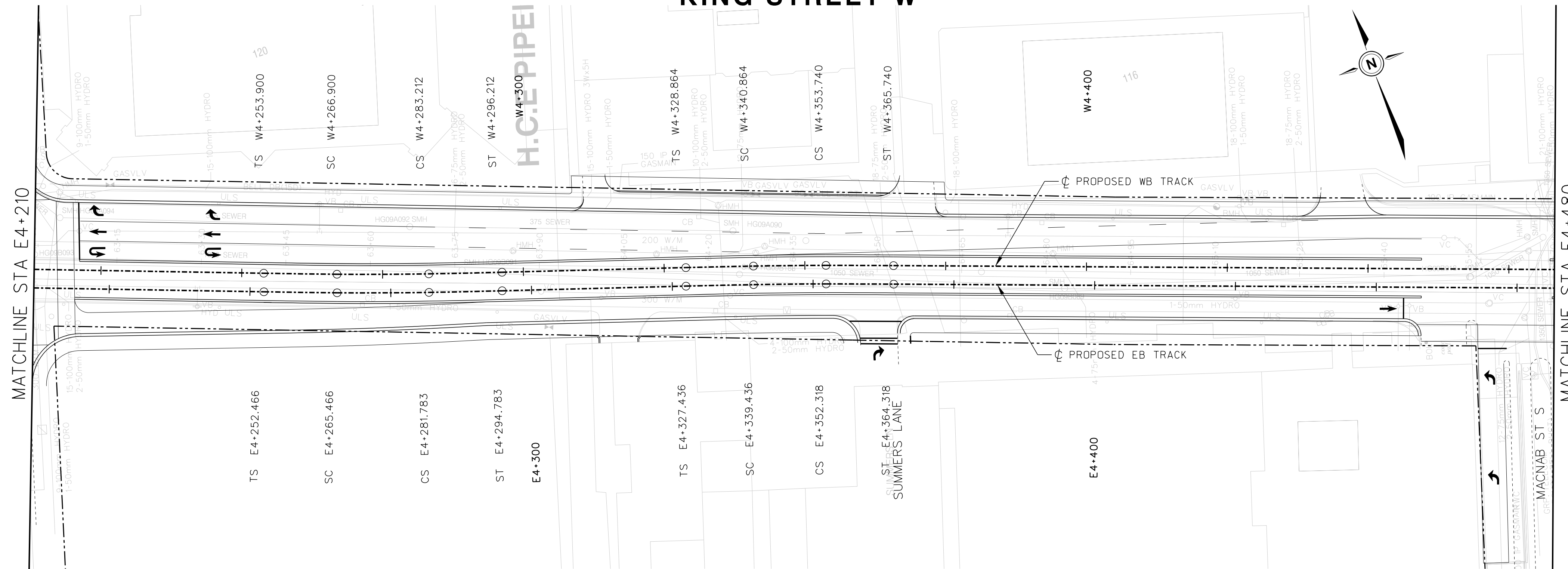
Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_

**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E3+920 TO STA E4+210

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 User: wuj6 17/05/2017 12:10:58 PM



# KING STREET W



FILE No. \_\_\_\_\_ CONTRACT No. C11-12-10 SHEET No. \_\_\_\_\_  
 DWG. No. HALRT-RD-NC016

DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED



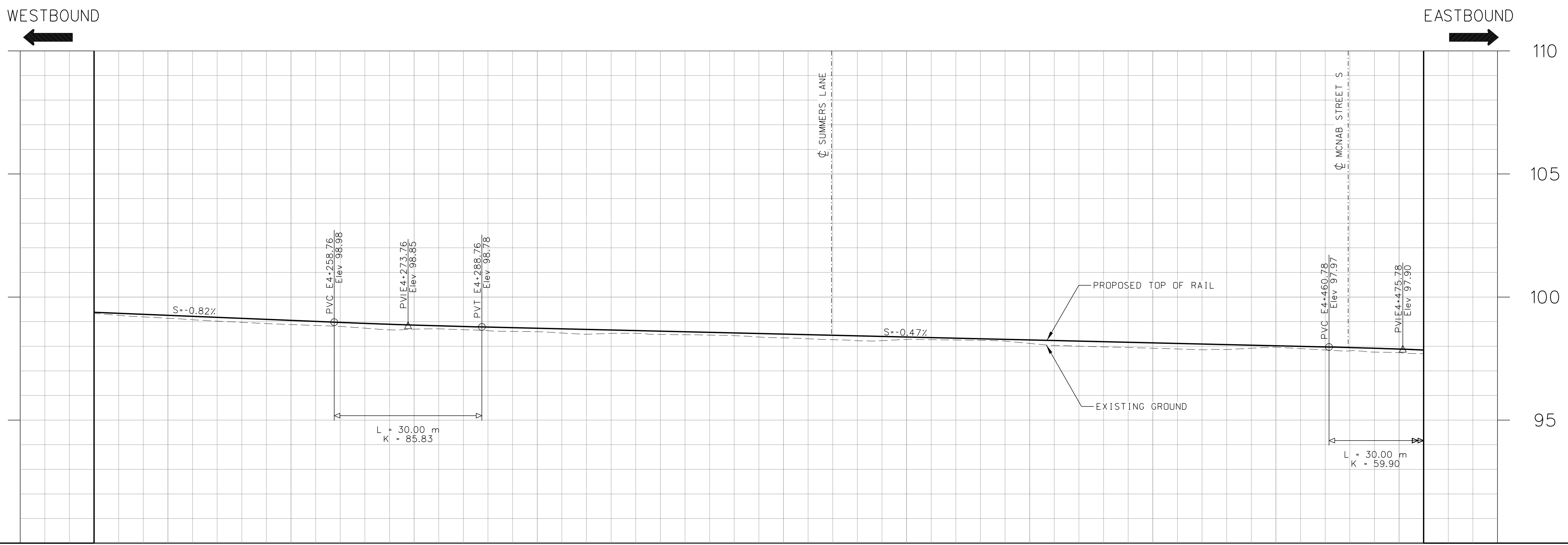
**LEGEND**

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING  
 DRAWINGS ARE SUBJECT TO FINAL  
 ENGINEERING DETAIL DRAWINGS  
 AND REVIEW, LEGAL AND GEODETIC  
 SURVEY INFORMATION,  
 UNDERGROUND INFRASTRUCTURE  
 RELOCATION STRATEGIES, ETC.



	99.256	99.050	98.860	98.731	98.612	98.494	98.375	98.257	98.139	98.020	97.885	
	99.139	98.882	98.695	98.589	98.479	98.340	98.277	98.114	97.921	97.961	97.738	97.738
	E4+225	E4+250	E4+275	E4+300	E4+325	E4+350	E4+375	E4+400	E4+425	E4+450	E4+475	E4+480

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan: \_\_\_\_\_  
 Water Plan: \_\_\_\_\_  
 Geodetic: Bench Mark Index \_\_\_\_\_ Elevation= \_\_\_\_\_  
 Borehole Report: \_\_\_\_\_

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

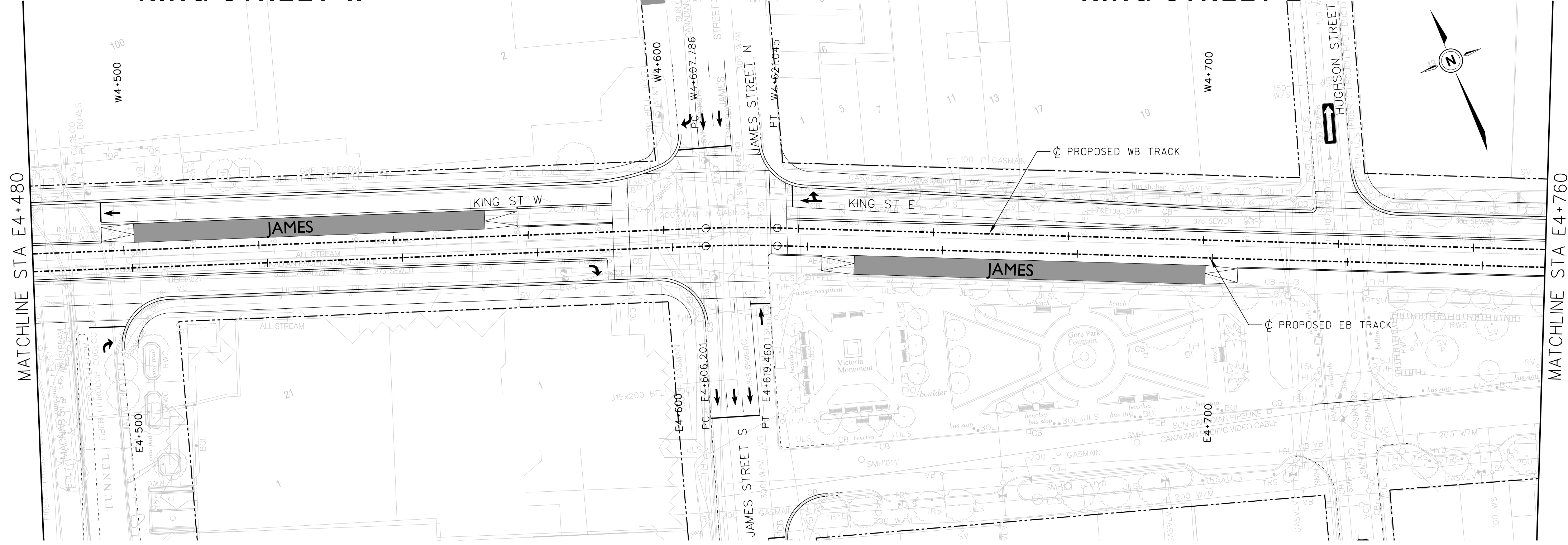


**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E4+210 TO STA E4+480

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KING STREET W

KING STREET E



FILE No. CONTRACT No. C11-12-10 SHEET No.  
DWG. No. HALRT-RD-NC017

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE

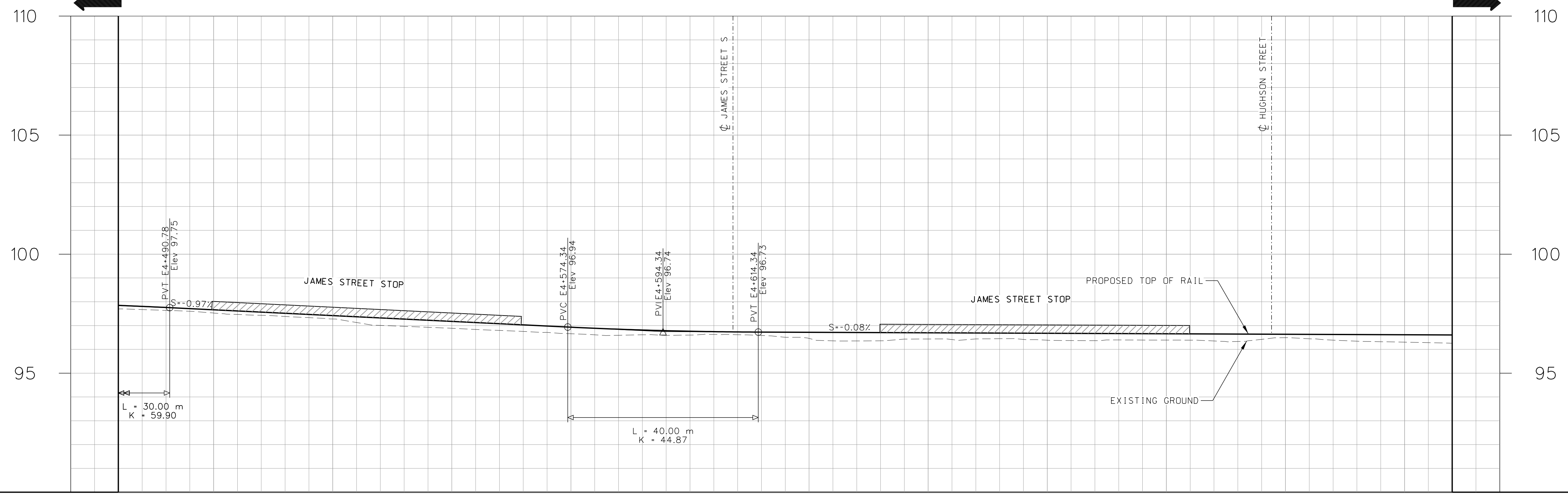
E0+000.00 STATIONING ON EB TRACK  
W0+000.00 STATIONING ON WB TRACK  
N0+000.00 STATIONING ON NB TRACK  
S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND

EASTBOUND



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

	97.662	97.419	97.175	96.932	96.761	96.718	96.697	96.676	96.656	96.635	96.614	PROPOSED TOP OF RAIL PROFILE
	97.526	97.275	96.887	96.656	96.601	96.460	96.437	96.386	96.388	96.492	96.304	EXISTING GROUND ELEVATION
	E4+500	E4+525	E4+550	E4+575	E4+600	E4+625	E4+650	E4+675	E4+700	E4+725	E4+750	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
Water Plan:

Geodetic: Bench Mark Index  
Borehole Report -

Project Manager

NAME

Manager of Design

NAME

**AECOM** **steer davis gleave**

**DIALOG**

DRAWN: JUAN WU

CHECKED: KATHLEEN GIORGANO

APPROVED: LUIGI BANQUO

DATE: 2017/05/10

**HAMILTON** **LRT LIGHT RAIL TRANSIT** **METROLINX**

**HAMILTON LRT 'B' LINE**

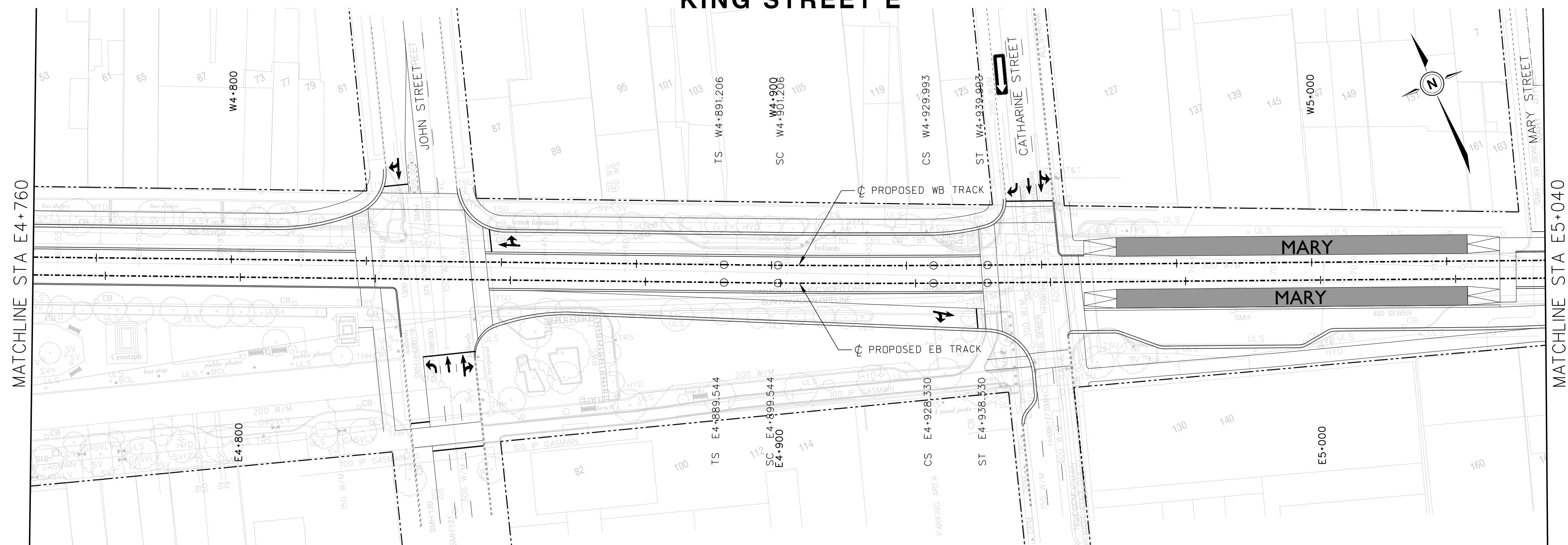
PRELIMINARY DESIGN

PLAN AND PROFILE

STA E4+480 TO STA E4+760

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# KING STREET E



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC018

DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

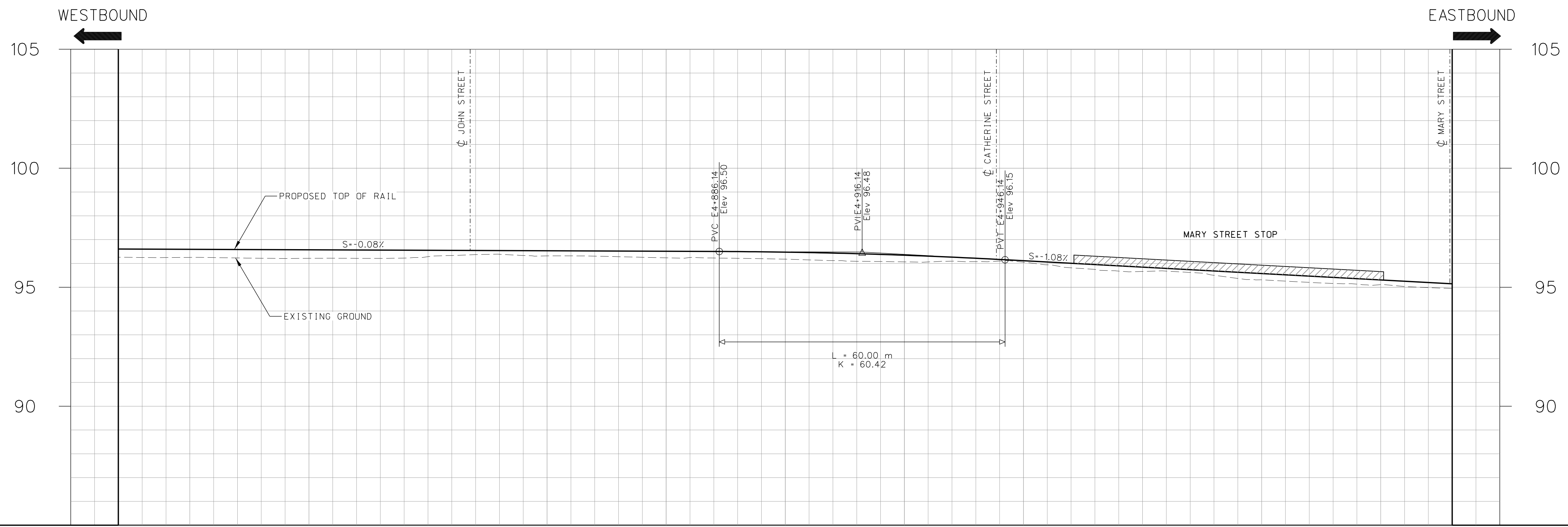
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING  
 DRAWINGS ARE SUBJECT TO FINAL  
 ENGINEERING DETAIL DRAWINGS  
 AND REVIEW, LEGAL AND GEODETIC  
 SURVEY INFORMATION,  
 UNDERGROUND INFRASTRUCTURE  
 RELOCATION STRATEGIES, ETC.



	96.593	96.573	96.552	96.531	96.511	96.474	96.344	96.112	95.843	95.574	95.305	
	96.252	96.213	96.283	96.315	96.233	96.179	96.066	96.053	95.662	95.309	95.106	PROPOSED TOP OF RAIL PROFILE
	E4+775	E4+800	E4+825	E4+850	E4+875	E4+900	E4+925	E4+950	E4+975	E5+000	E5+025	DESIGN CL CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

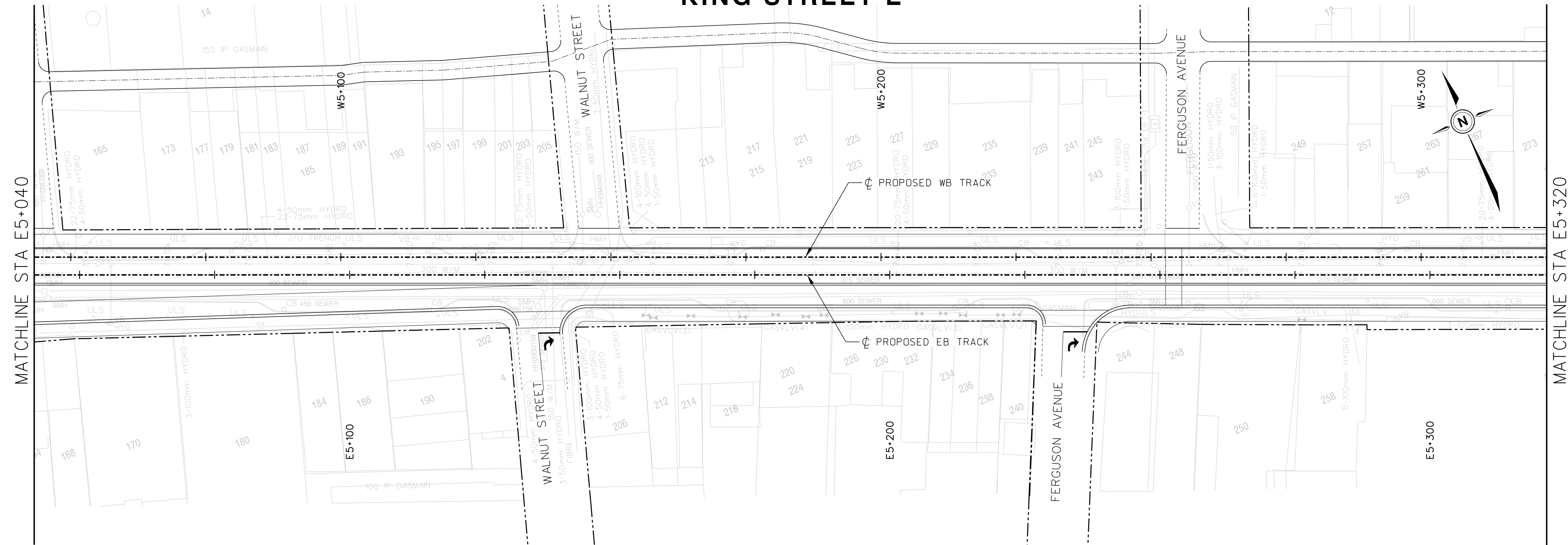
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORIANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E4+760 TO STA E5+040

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# KING STREET E



FILE No. \_\_\_\_\_ CONTRACT No. C11-12-10 SHEET No. \_\_\_\_\_  
 DWG. No. HALRT-RD-NC019

DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED



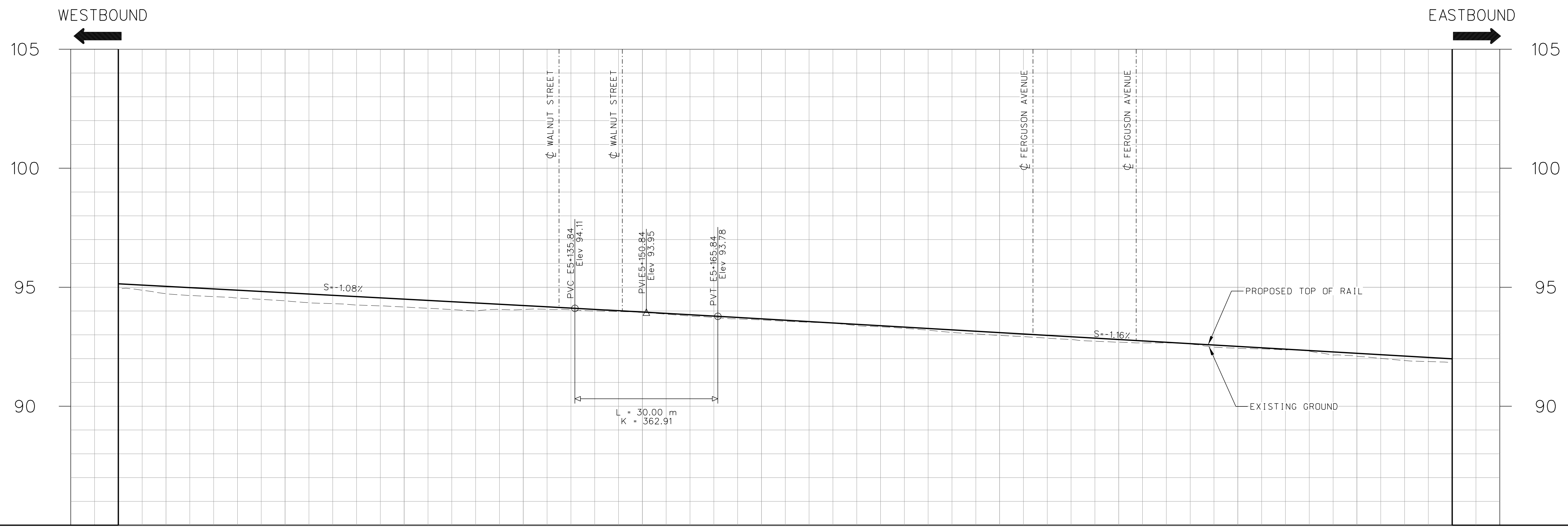
**LEGEND**

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

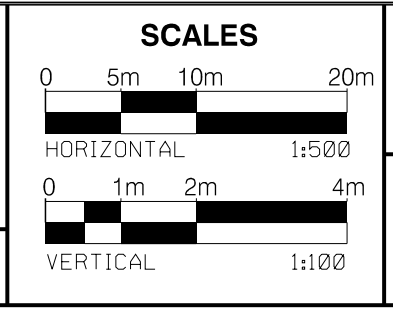


THE PRELIMINARY ENGINEERING  
 DRAWINGS ARE SUBJECT TO FINAL  
 ENGINEERING DETAIL DRAWINGS  
 AND REVIEW, LEGAL AND GEODETIC  
 SURVEY INFORMATION,  
 UNDERGROUND INFRASTRUCTURE  
 RELOCATION STRATEGIES, ETC.

	95.036	94.767	94.498	94.229	93.958	93.671	93.382	93.092	92.802	92.513	92.223	PROPOSED TOP OF RAIL PROFILE
	94.727	94.428	94.167	94.063	93.940	93.624	93.335	92.978	92.694	92.428	92.102	EXISTING GROUND ELEVATION
	E5+050	E5+075	E5+100	E5+125	E5+150	E5+175	E5+200	E5+225	E5+250	E5+275	E5+300	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_



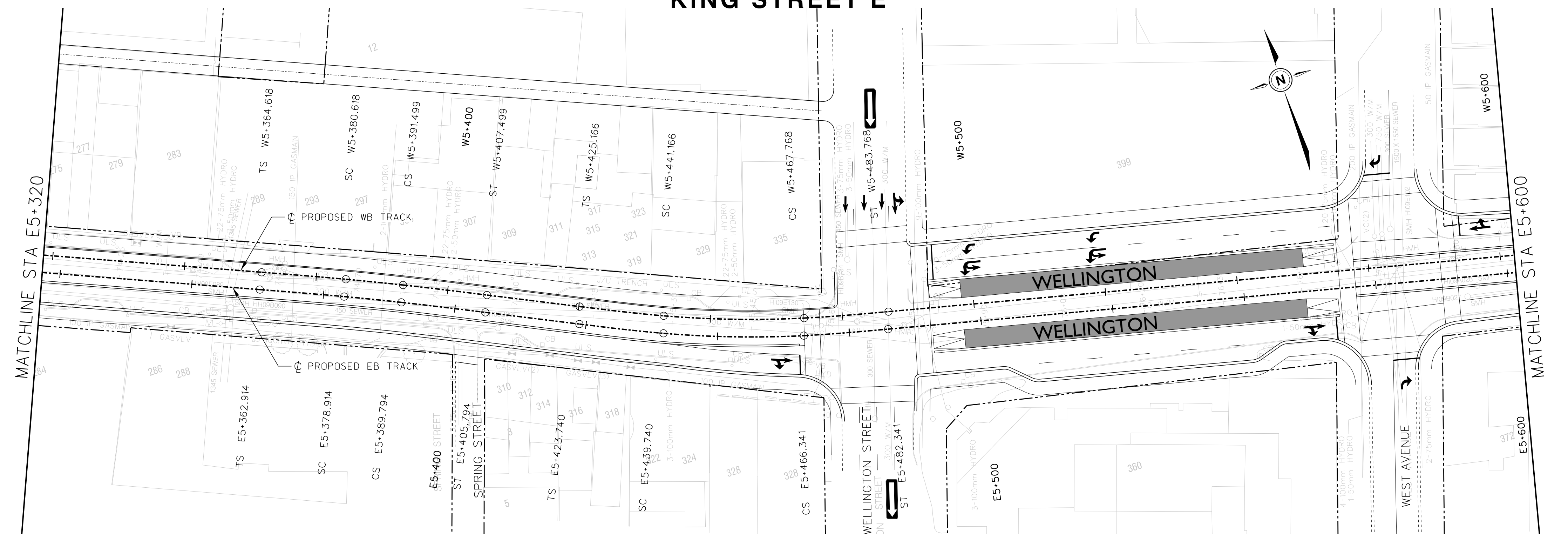
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E5+040 TO STA E5+320

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# KING STREET E



FILE No. CONTRACT No. C11-12-10 SHEET No.  
DWG. No. HALRT-RD-NC020

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



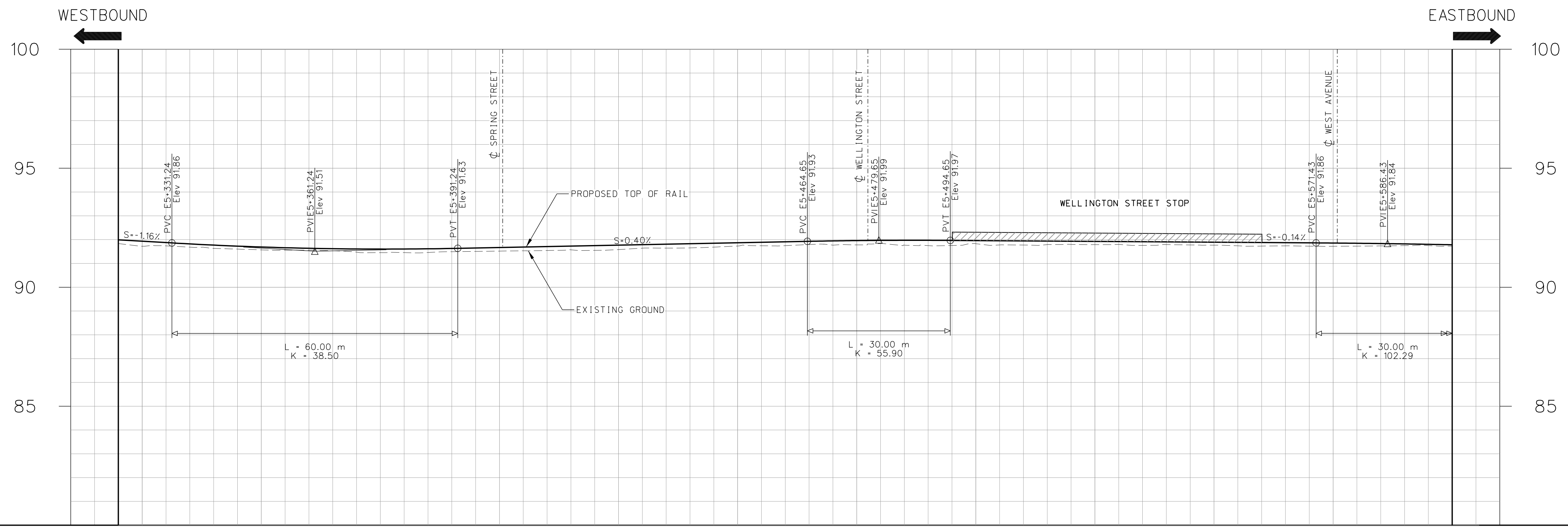
### LEGEND

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



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No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

INITIAL	DATE	REFERENCE MATERIAL:
LH	16/10/31	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
LB	17/05/10	Sewer Plan: Water Plan:
		Geodetic: Bench Mark Index Borehole Report - Elevation =

**SCALES**

HORIZONTAL: 1:500  
VERTICAL: 1:100

Project Manager: \_\_\_\_\_  
NAME: \_\_\_\_\_  
Manager of Design: \_\_\_\_\_  
NAME: \_\_\_\_\_

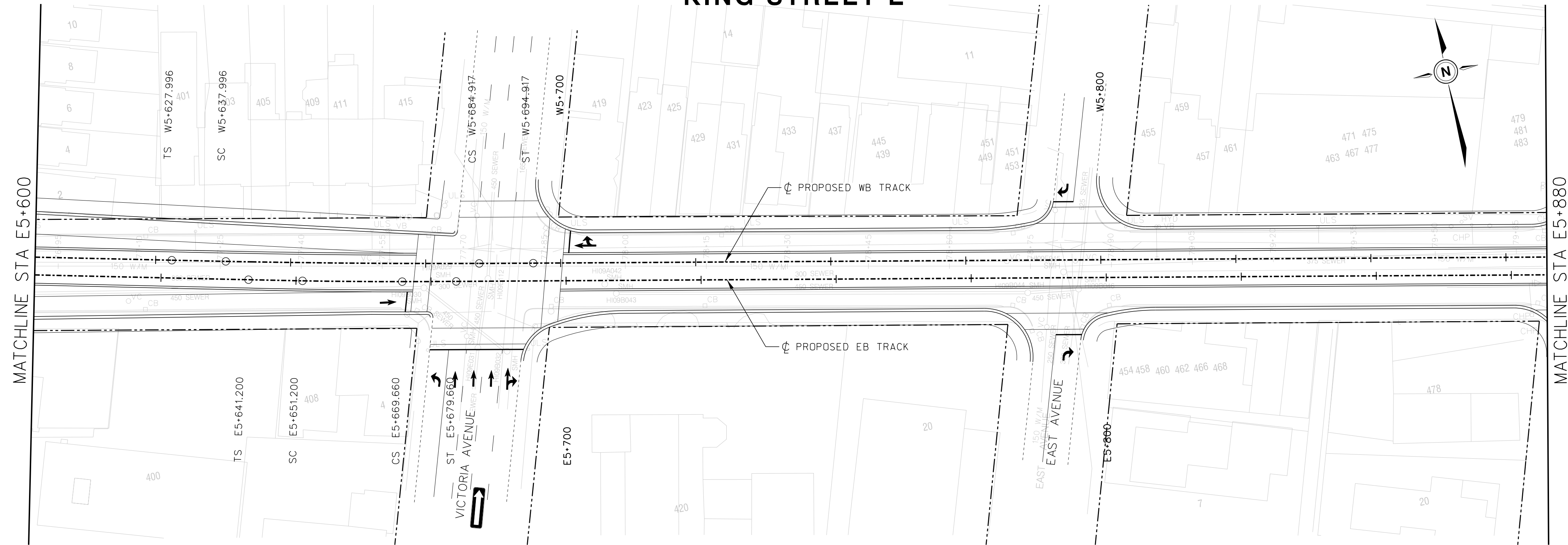
**AECOM** **steer davis gleave**  
**DIALOG**

DRAWN: JUAN WU  
CHECKED: KATHLEEN GIORGANO  
APPROVED: LUIGI BANCU  
DATE: 2017/05/10

**HAMILTON**  
**LRT LIGHT RAIL TRANSIT**  
**METROLINX**

**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E5+320 TO STA E5+600

# KING STREET E



FILE No. \_\_\_\_\_ CONTRACT No. C11-12-10 SHEET No. \_\_\_\_\_  
 DWG. No. HALRT-RD-NC021

DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED



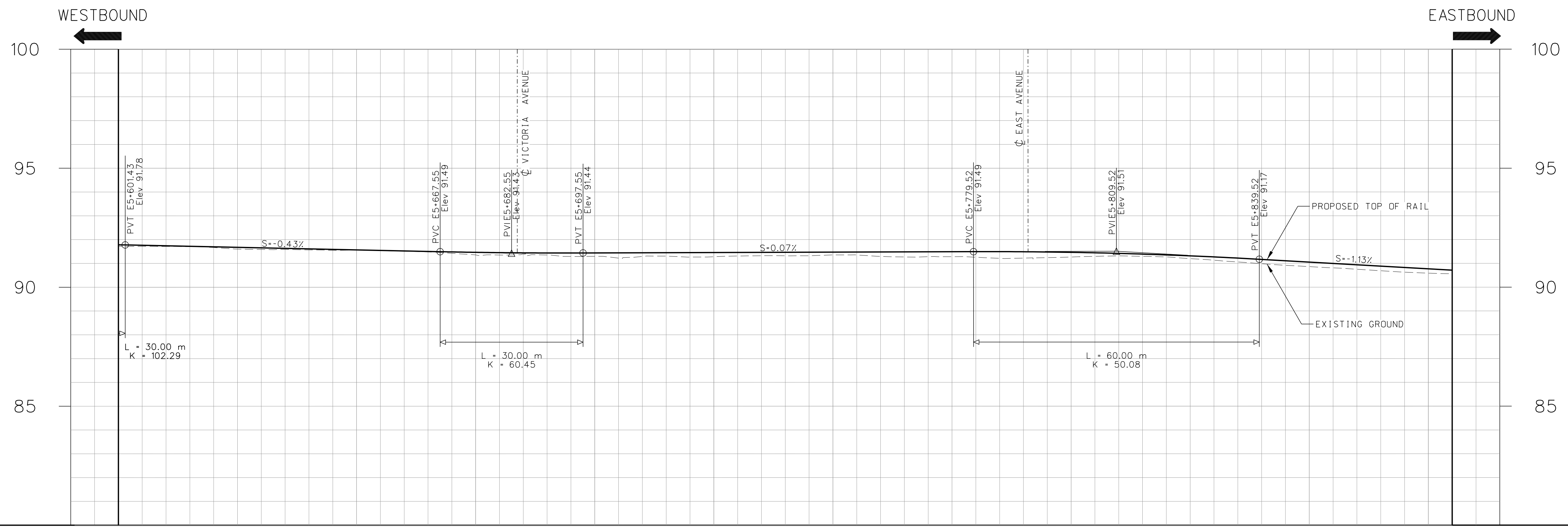
### LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

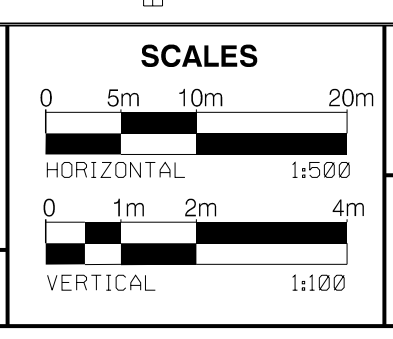
THE PRELIMINARY ENGINEERING  
 DRAWINGS ARE SUBJECT TO FINAL  
 ENGINEERING DETAIL DRAWINGS  
 AND REVIEW, LEGAL AND GEODETIC  
 SURVEY INFORMATION,  
 UNDERGROUND INFRASTRUCTURE  
 RELOCATION STRATEGIES, ETC.



	91.783	91.675	91.568	91.465	91.439	91.456	91.473	91.489	91.464	91.316	91.054	90.771	PROPOSED TOP OF RAIL PROFILE
	91.721	91.602	91.559	91.356	91.296	91.278	91.357	91.282	91.267	91.199	90.863	90.588	EXISTING GROUND ELEVATION
	E5+600	E5+625	E5+650	E5+675	E5+700	E5+725	E5+750	E5+775	E5+800	E5+825	E5+850	E5+875	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL.v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDANO  
 APPROVED: LUCIAN BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E5+600 TO STA E5+880

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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



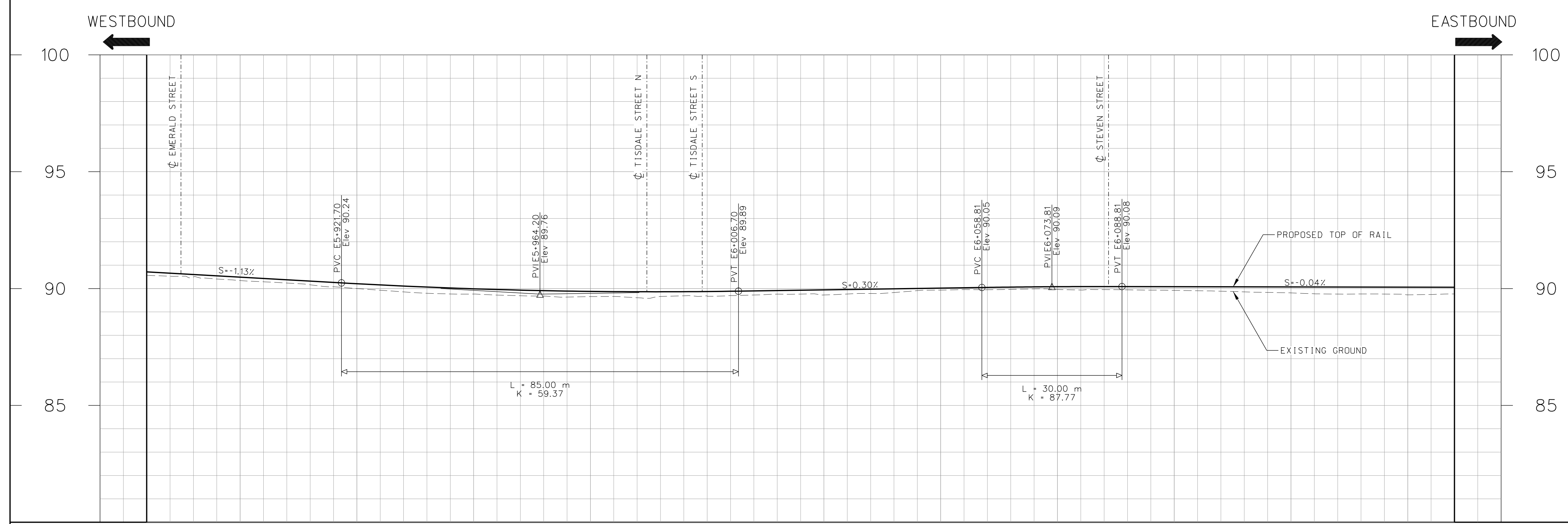
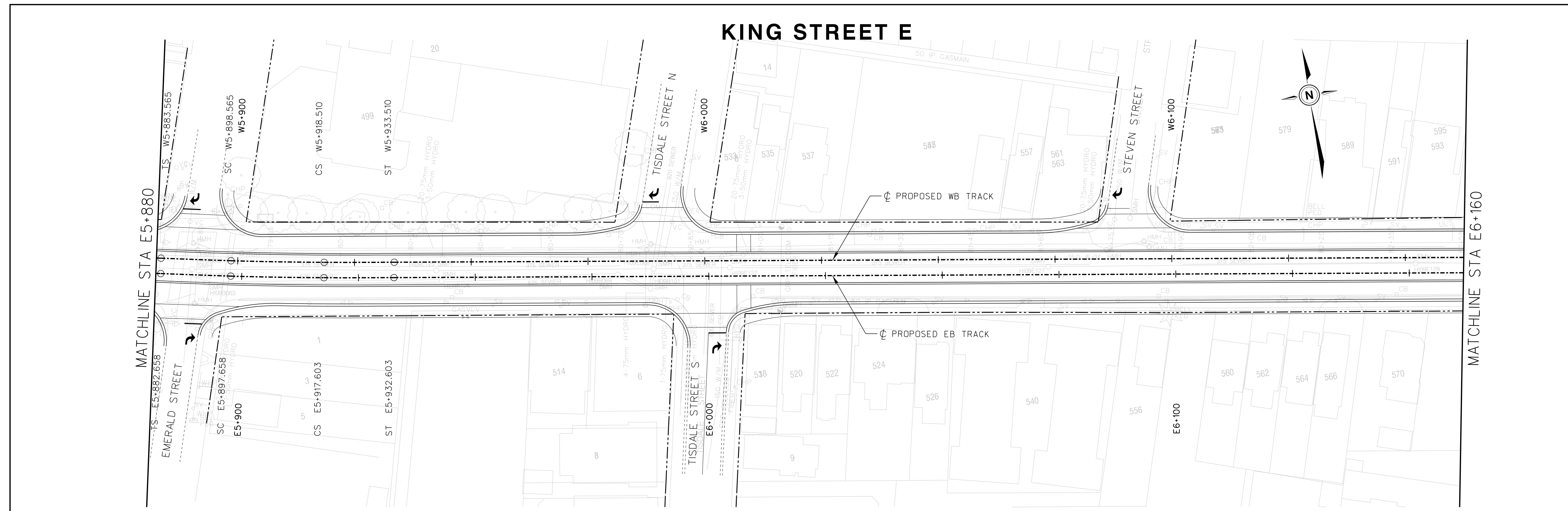
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

90.488	90.206	89.990	89.878	89.873	89.944	90.019	90.079	90.079	90.069	90.058	PROPOSED TOP OF RAIL PROFILE
90.341	90.001	89.764	89.655	89.681	89.726	89.833	89.960	89.920	89.813	89.731	EXISTING GROUND ELEVATION
E5+900	E5+925	E5+950	E5+975	E6+000	E6+025	E6+050	E6+075	E6+100	E6+125	E6+150	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
Water Plan:

Geodetic: Bench Mark Index  
Borehole Report -

**SCALES**

HORIZONTAL 1:500  
VERTICAL 1:100

Project Manager  
NAME  
Manager of Design  
NAME



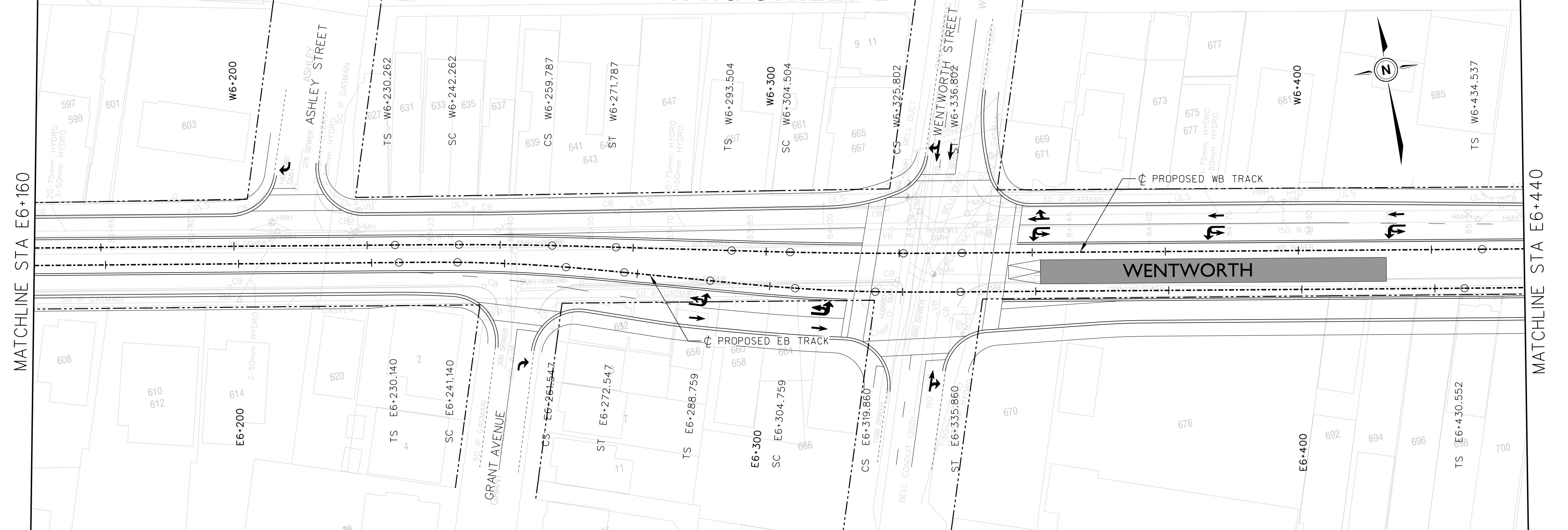
Project Manager  
NAME  
Manager of Design  
NAME

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E5+880 TO STA E6+160

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 User: wuj6 17/05/2017 12:14:12 PM

# KING STREET E



DIMENSIONS SHOWN ON THIS PLAN ARE  
 IN METRES UNLESS OTHERWISE NOTED



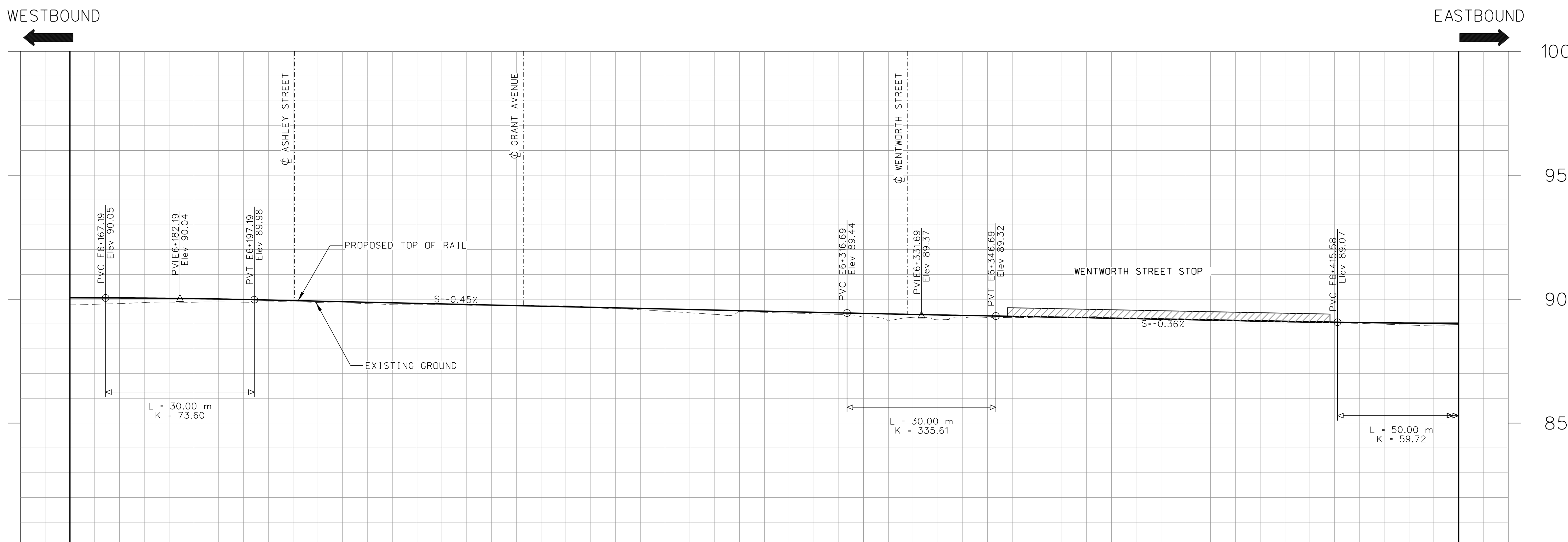
### LEGEND

- LRT TRACK CENTRELINE
  - - - - - EXISTING PROPERTY LINE
  - - - - - PROPOSED TOP OF RAIL (PROFILE)
  - - - - - EXISTING GROUND LINE (PROFILE)
  - - - - - EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

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 User:wuj6 17/05/2017 12:14:38 PM

	90.044	89.965		89.852		89.740		89.628		89.515		89.404		89.307		89.217		89.127		89.045		PROPOSED TOP OF RAIL PROFILE	
	89.867	89.891		89.776		89.758		89.571		89.466		89.121		89.262		89.241		89.092		88.991			EXISTING GROUND ELEVATION
	E6+175	E6+200		E6+225		E6+250		E6+275		E6+300		E6+325		E6+350		E6+375		E6+400		E6+425			DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan: \_\_\_\_\_  
 Water Plan: \_\_\_\_\_

Geodesic: Bench Mark Index \_\_\_\_\_  
 Borehole Report: \_\_\_\_\_

Elevation = \_\_\_\_\_

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager \_\_\_\_\_

NAME \_\_\_\_\_

Manager of Design \_\_\_\_\_

NAME \_\_\_\_\_

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORDANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E6+160 TO STA E6+440



DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

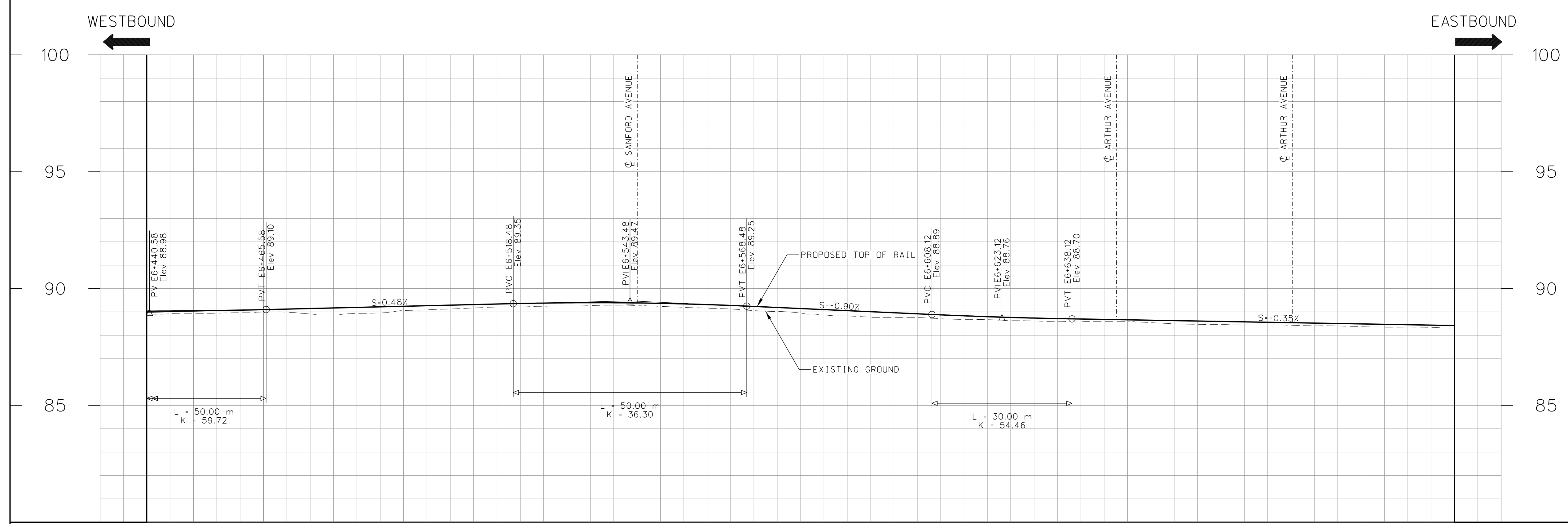
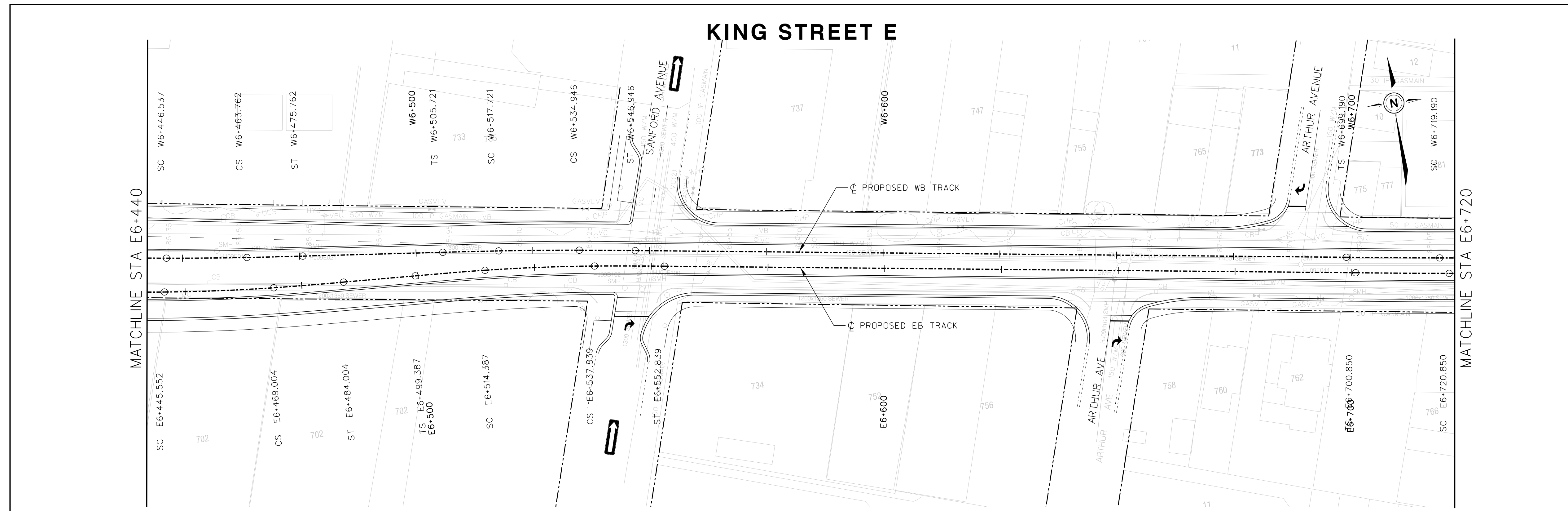
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

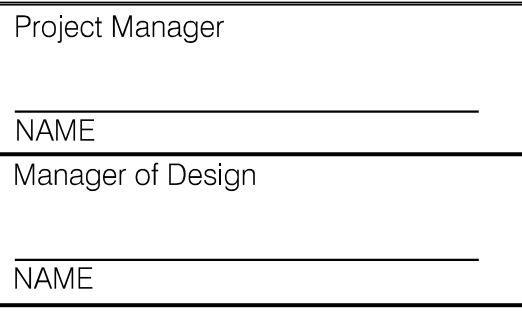
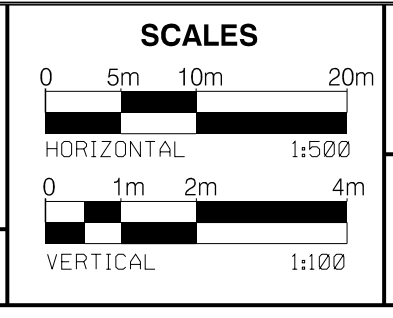


E6+450	88.939	89.046	PROPOSED TOP OF RAIL PROFILE
E6+475	88.917	89.145	EXISTING GROUND ELEVATION
E6+500	89.092	89.265	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK
E6+525	89.240	89.378	
E6+550	89.238	89.366	
E6+575	89.019	89.188	
E6+600	88.768	88.963	
E6+625	88.626	88.765	
E6+650	88.584	88.662	
E6+675	88.444	88.574	
E6+700	88.368	88.487	

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -

Project Manager	NAME
Manager of Design	NAME
	NAME



DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUIGIAN BANCU
DATE	2017/05/10

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E6+440 TO STA E6+720

pw:\1617479-P\WINT\_aecomonline.local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC024.dgn  
 User:wuj6 17/05/2017 12:15:06 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



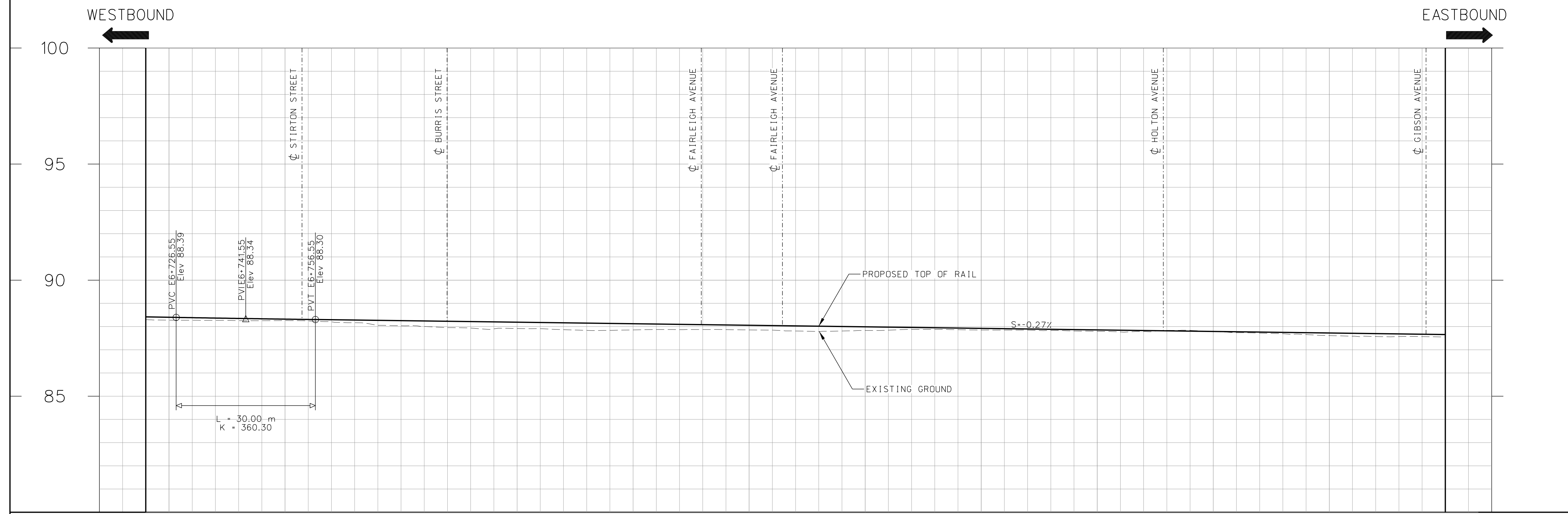
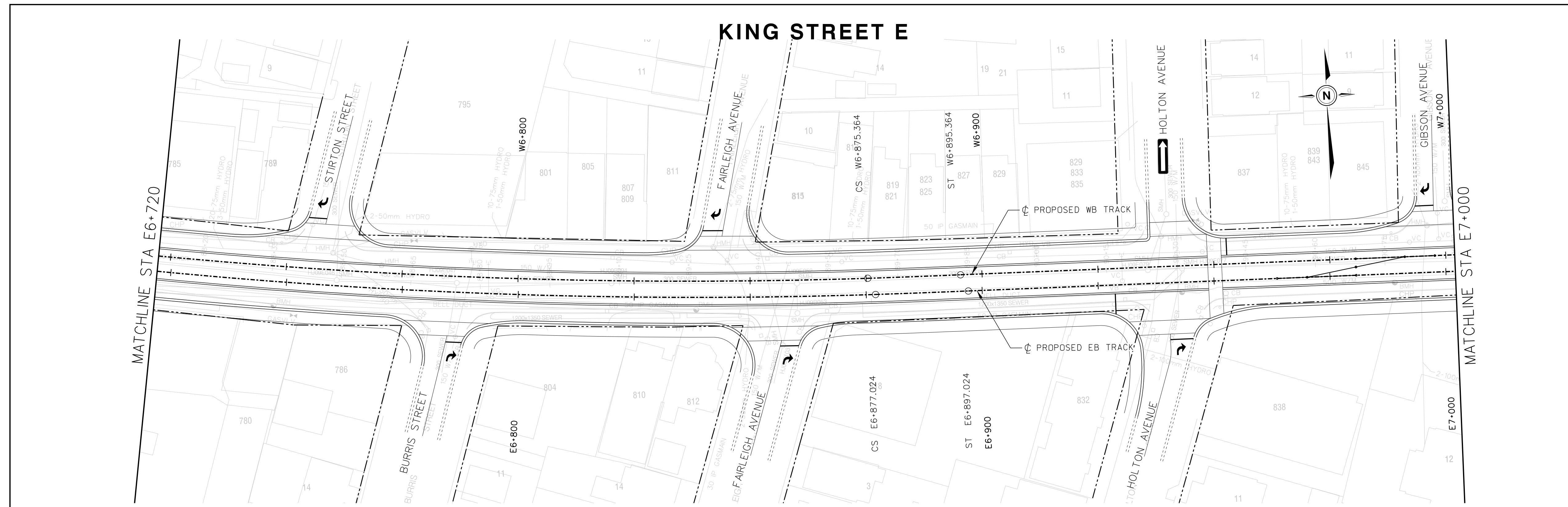
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



88.400	88.320	88.253	88.187	88.120	88.054	87.987	87.921	87.854	87.788	87.721	87.655	PROPOSED TOP OF RAIL PROFILE
88.277	88.258	88.035	87.916	87.855	87.855	87.829	87.851	87.796	87.786	87.610	87.550	EXISTING GROUND ELEVATION
E6+725	E6+750	E6+775	E6+800	E6+825	E6+850	E6+875	E6+900	E6+925	E6+950	E6+975	E7+000	DESIGN CL CHAINAGE EASTBOUND TRACK

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
 Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report -

Elevation=

**SCALES**

HORIZONTAL 1:500  
 0 1m 2m 4m

VERTICAL 1:100  
 0 5m 10m 20m

Project Manager  
 NAME \_\_\_\_\_

Manager of Design  
 NAME \_\_\_\_\_



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

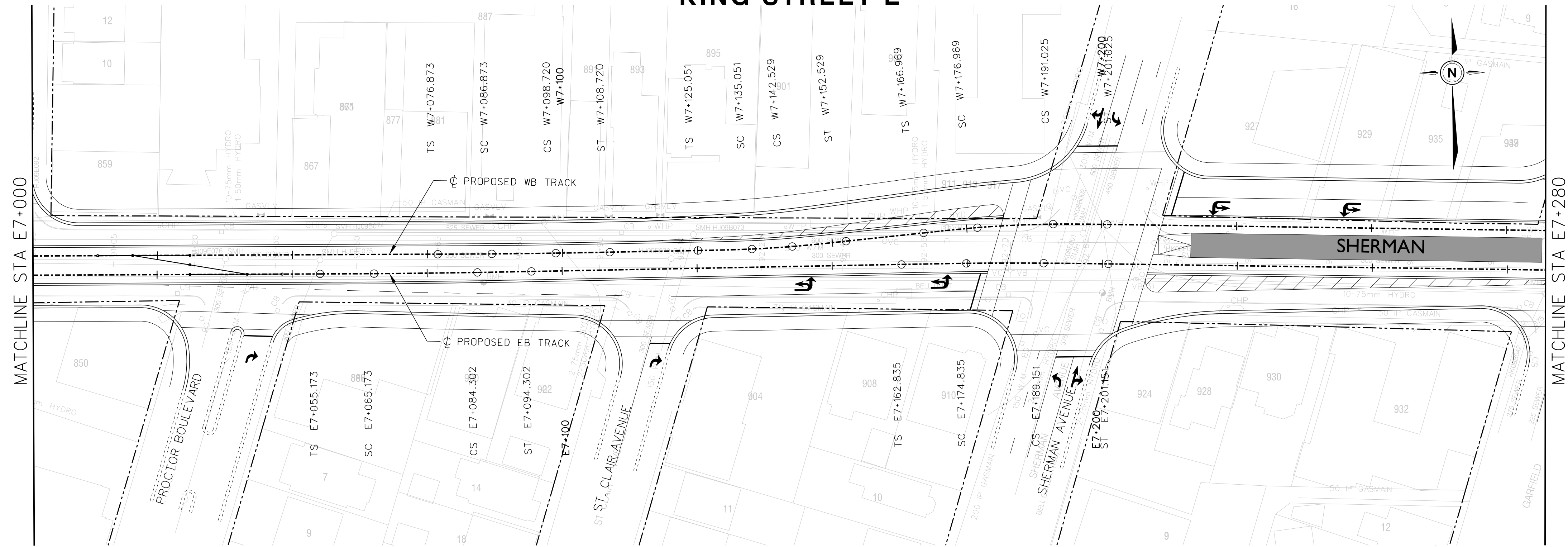


**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E6+720 TO STA E7+000

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 User: wu\j6 17/05/2017 12:15:36 PM

# KING STREET E



FILE No. CONTRACT No. C11-12-10 SHEET No.  
DWG. No. HALRT-RD-NC026

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



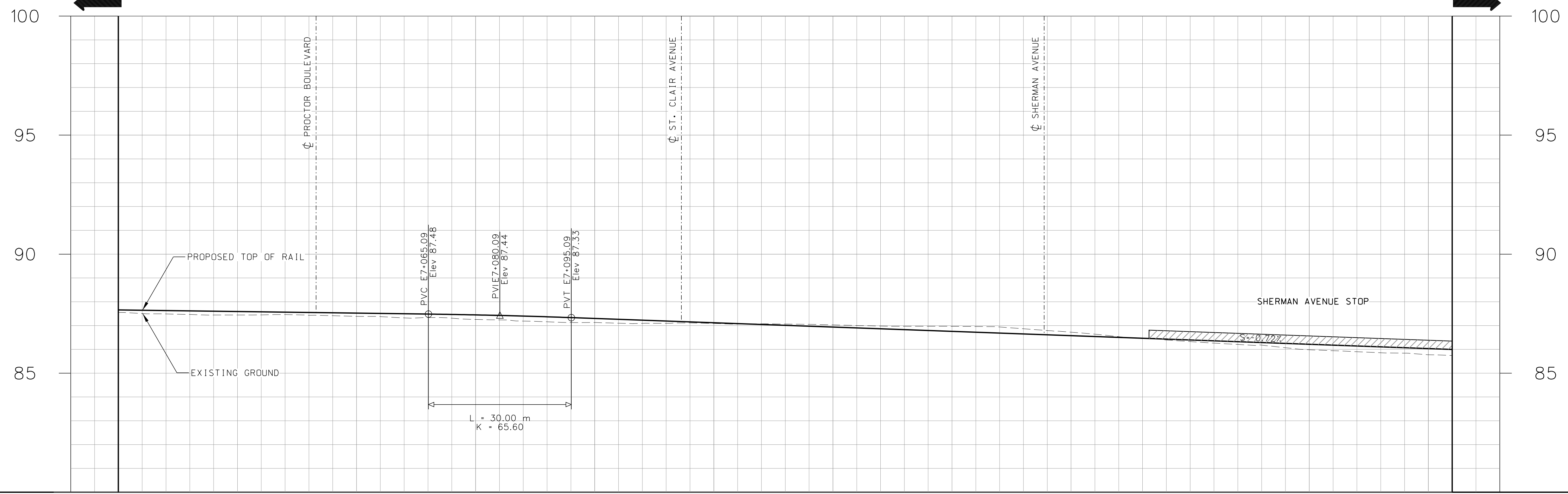
### LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ← → EASTBOUND



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87.655	87.588	87.522	87.448	87.298	87.117	86.936	86.756	86.575	86.394	86.213	86.032	PROPOSED TOP OF RAIL PROFILE
87.550	87.443	87.368	87.257	87.128	87.089	87.028	86.967	86.723	86.327	85.984	85.773	EXISTING GROUND ELEVATION
E7+000	E7+025	E7+050	E7+075	E7+100	E7+125	E7+150	E7+175	E7+200	E7+225	E7+250	E7+275	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 - ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager  
 NAME  
 Manager of Design  
 NAME

**AECOM** **steer davis gleave**  
**DIALOG**

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017.05.10

**HAMILTON** **LRT LIGHT RAIL TRANSIT** **METROLINX**

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E7+000 TO STA E7+280

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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

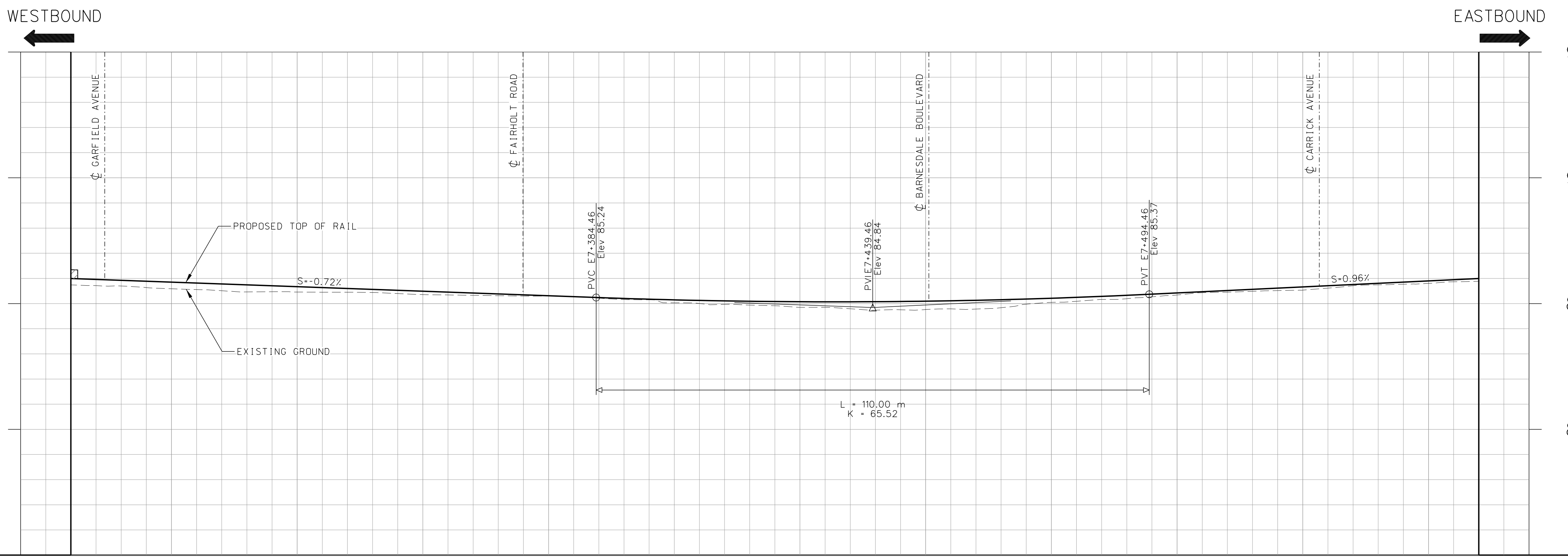
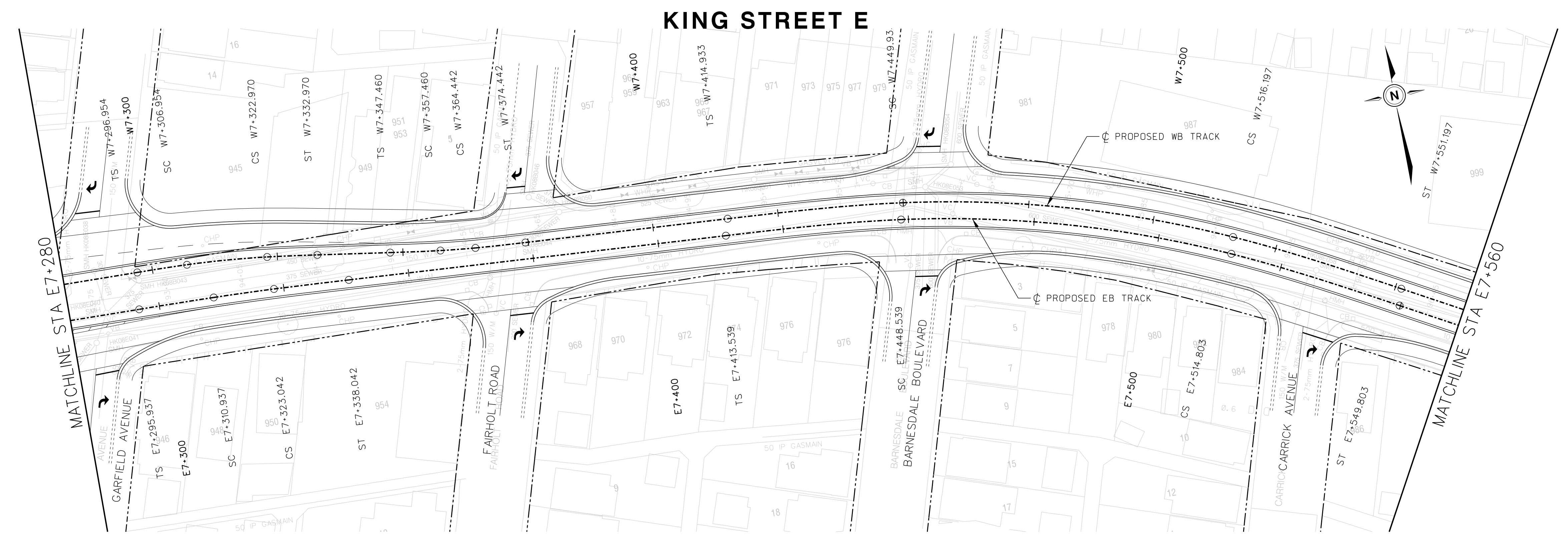
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

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85.852	85.671	85.490	85.309	85.147	85.073	85.095	85.212	85.422	85.660	85.899	PROPOSED TOP OF RAIL PROFILE
85.568	85.459	85.356	85.302	85.030	84.851	84.762	85.049	85.342	85.535	85.802	EXISTING GROUND ELEVATION
E7+300	E7+325	E7+350	E7+375	E7+400	E7+425	E7+450	E7+475	E7+500	E7+525	E7+550	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
 Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report - Elevation=

**SCALES**

0 5m 10m 20m

HORIZONTAL 1:500

0 1m 2m 4m

VERTICAL 1:100

Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E7+280 TO STA E7+560

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 User: wu\j6 17/05/2017 12:16:34 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

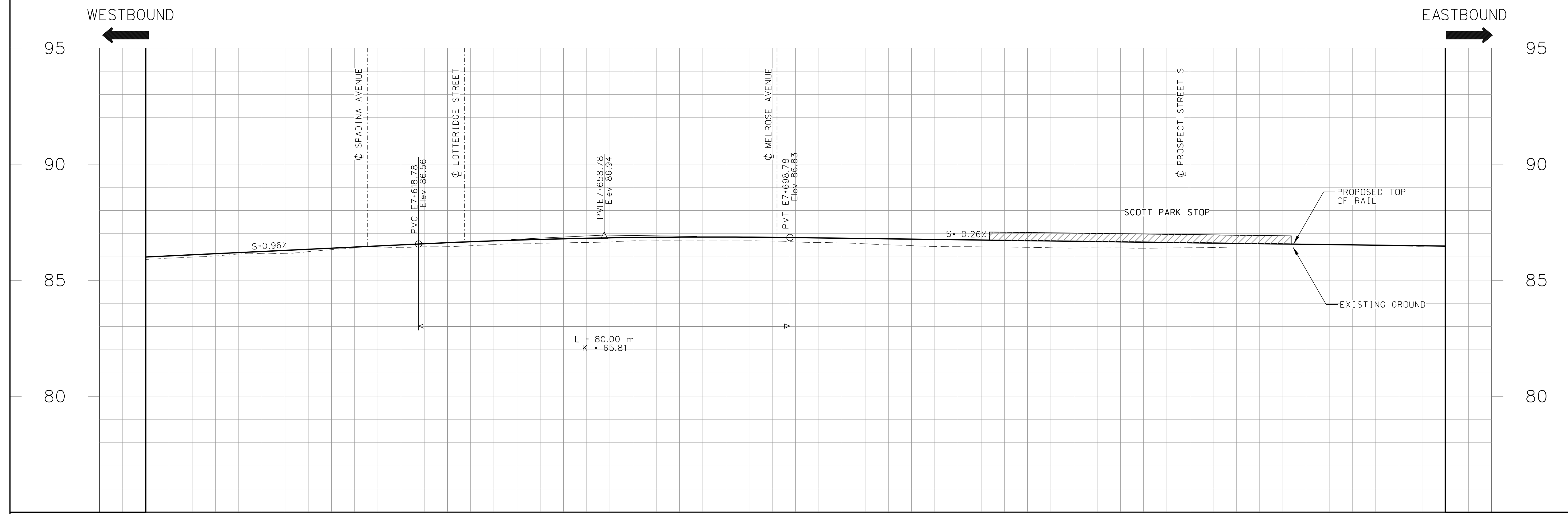
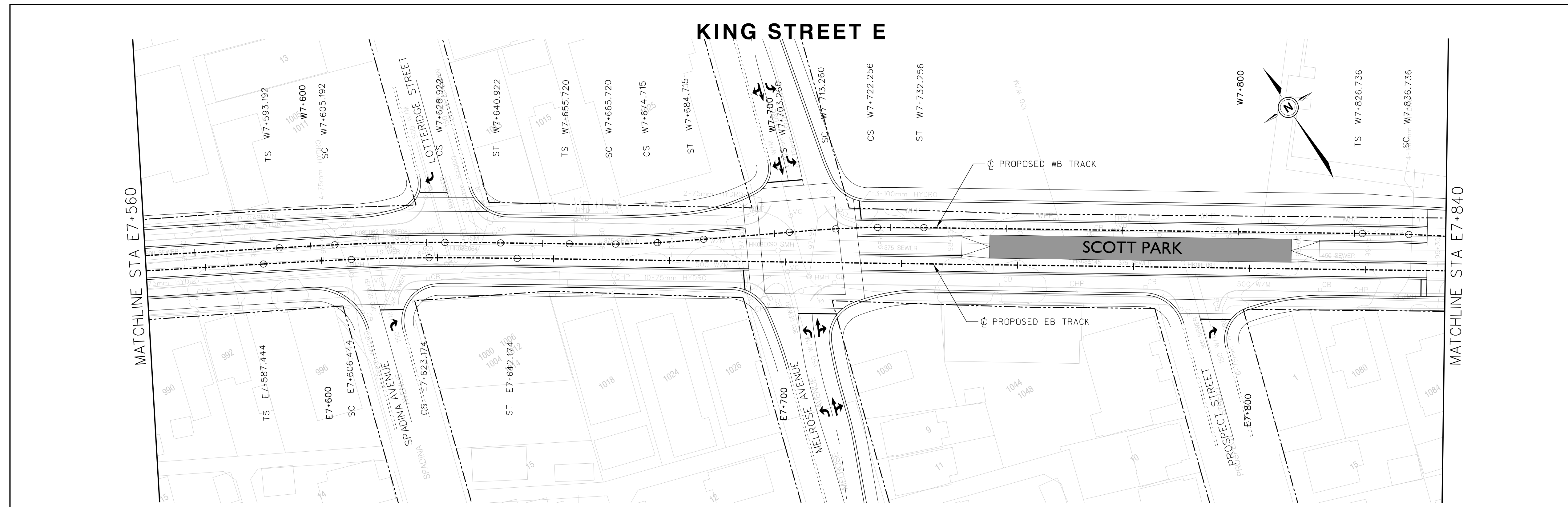
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- - - PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

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E7+575	86.042	86.138	PROPOSED TOP OF RAIL PROFILE
E7+600	86.313	86.377	EXISTING GROUND ELEVATION
E7+625	86.441	86.613	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK
E7+650	86.605	86.781	
E7+675	86.691	86.854	
E7+700	86.646	86.832	
E7+725	86.485	86.767	
E7+750	86.413	86.702	
E7+775	86.375	86.637	
E7+800	86.428	86.572	
E7+825	86.434	86.507	

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
 Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager  
 NAME \_\_\_\_\_

Manager of Design  
 NAME \_\_\_\_\_



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E7+560 TO STA E7+840

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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



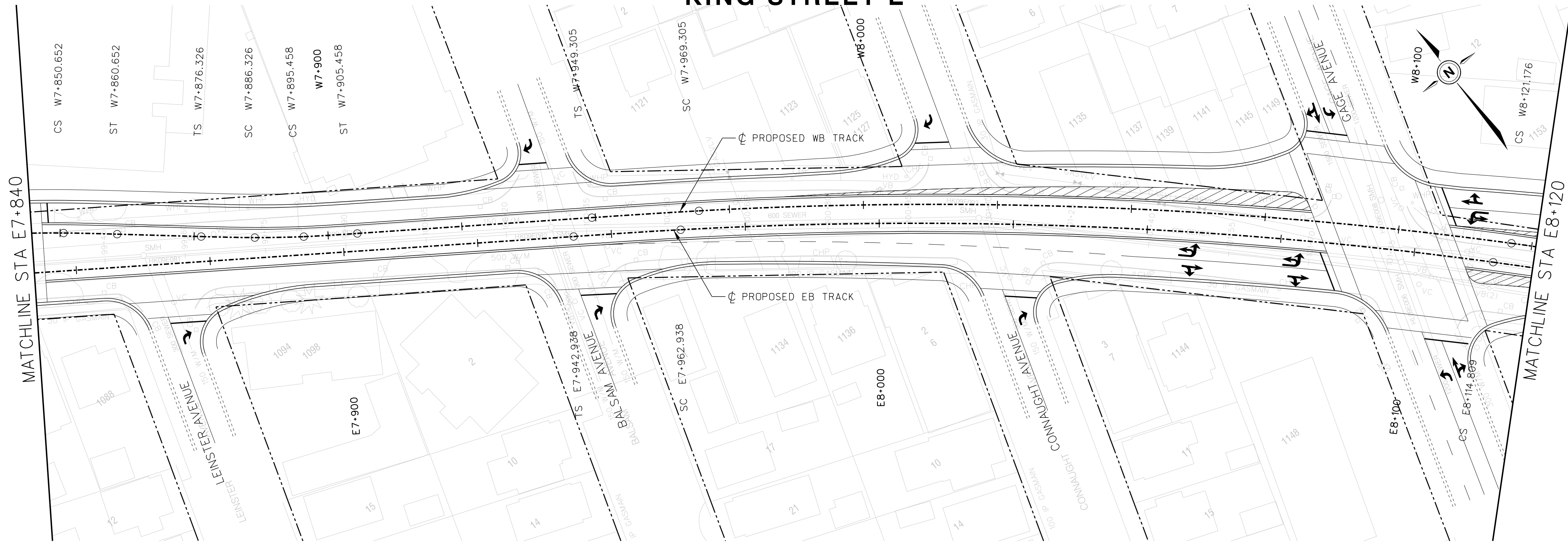
**LEGEND**

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

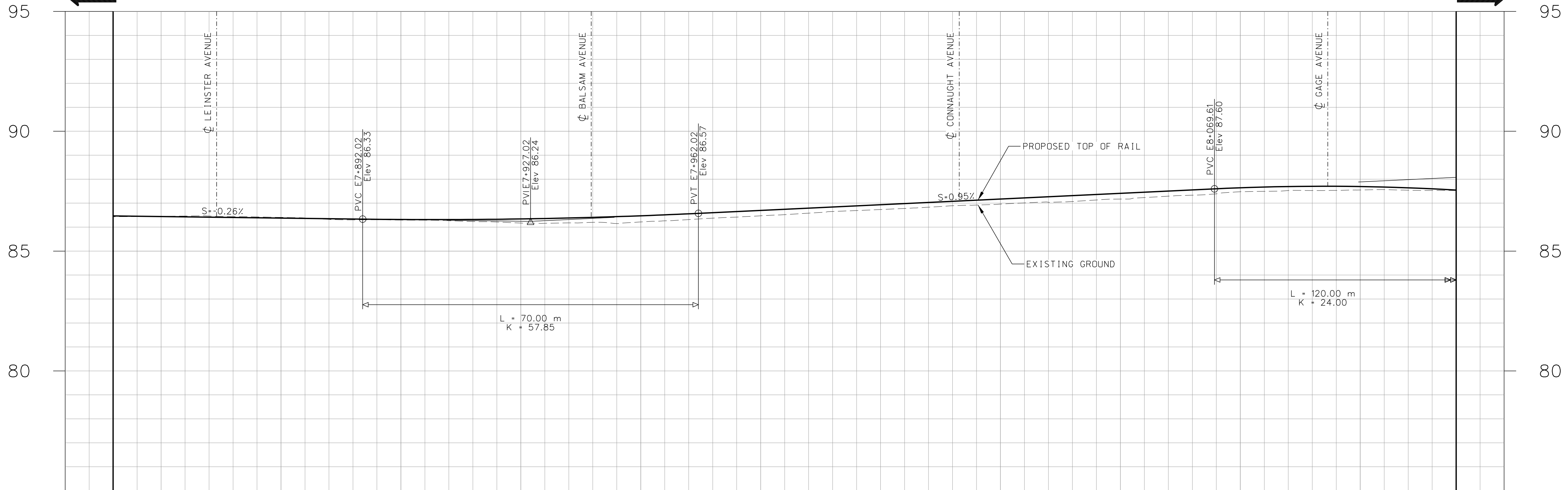
NOTES:

**KING STREET E**



WESTBOUND

EASTBOUND

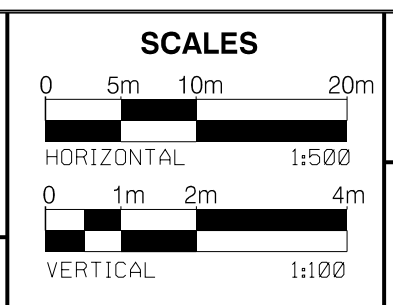


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

86.442	86.377	86.317	86.341	86.472	86.697	86.935	87.172	87.410	87.641	87.692	PROPOSED TOP OF RAIL PROFILE
86.443	86.407	86.294	86.170	86.215	86.472	86.733	86.961	87.169	87.477	87.550	EXISTING GROUND ELEVATION
E7+850	E7+875	E7+900	E7+925	E7+950	E7+975	E8+000	E8+025	E8+050	E8+075	E8+100	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

INITIAL	DATE	REFERENCE MATERIAL:
LH	16/10/31	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
LH	16/11/14	
LB	16/12/13	
LB	17/05/10	



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E7+840 TO STA E8+120

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



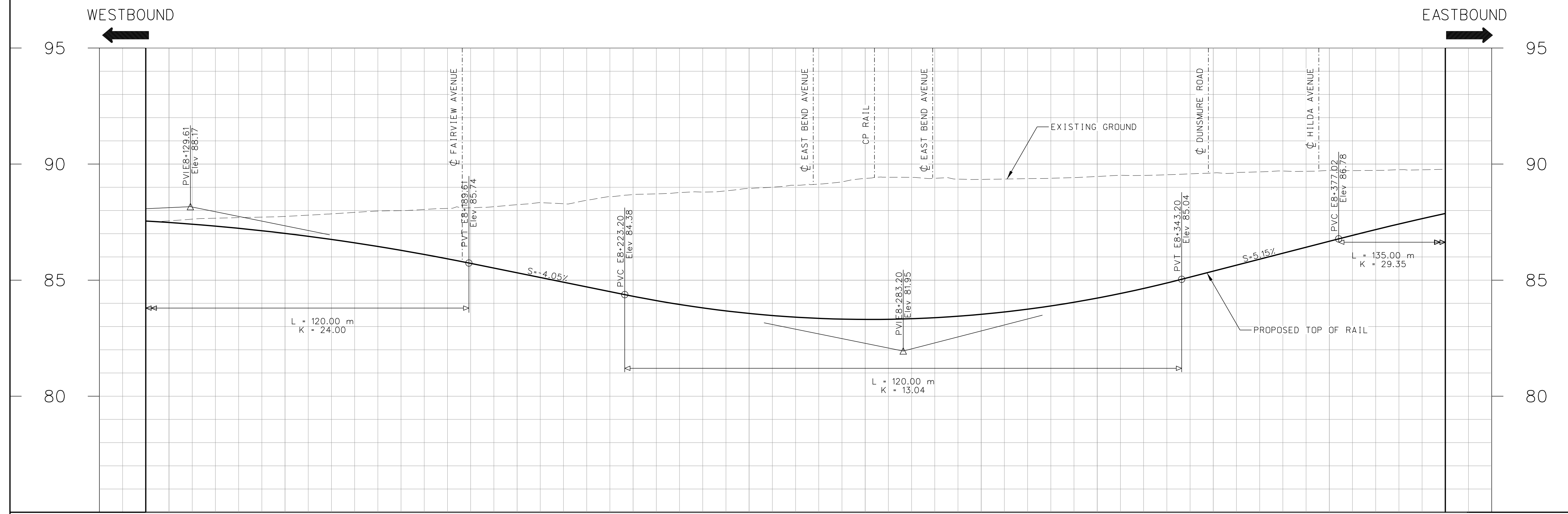
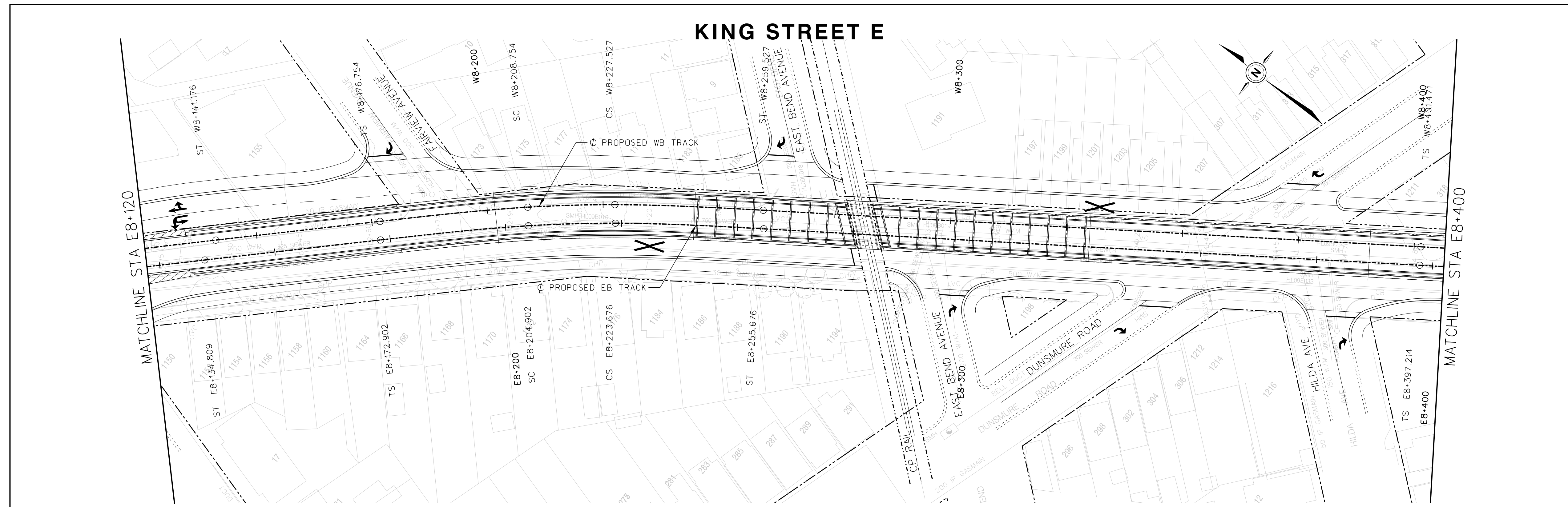
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

87.483	87.014	86.283	85.315	84.304	83.566	83.307	83.527	84.226	85.386	86.674	87.871	PROPOSED TOP OF RAIL PROFILE
87.554	87.745	87.994	88.249	88.687	88.950	89.380	89.340	89.464	89.618	89.730	89.775	EXISTING GROUND ELEVATION
E8+125	E8+150	E8+175	E8+200	E8+225	E8+250	E8+275	E8+300	E8+325	E8+350	E8+375	E8+400	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

**REVISIONS**

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

**REFERENCE MATERIAL:**

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
 Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL 1:500  
 VERTICAL 1:100

Project Manager  
 NAME  
 Manager of Design  
 NAME



Project Manager  
 NAME  
 Manager of Design  
 NAME

Hamilton LRT LIGHT RAIL TRANSIT METROLINX

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GEORGIANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E8+120 TO STA E8+400

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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



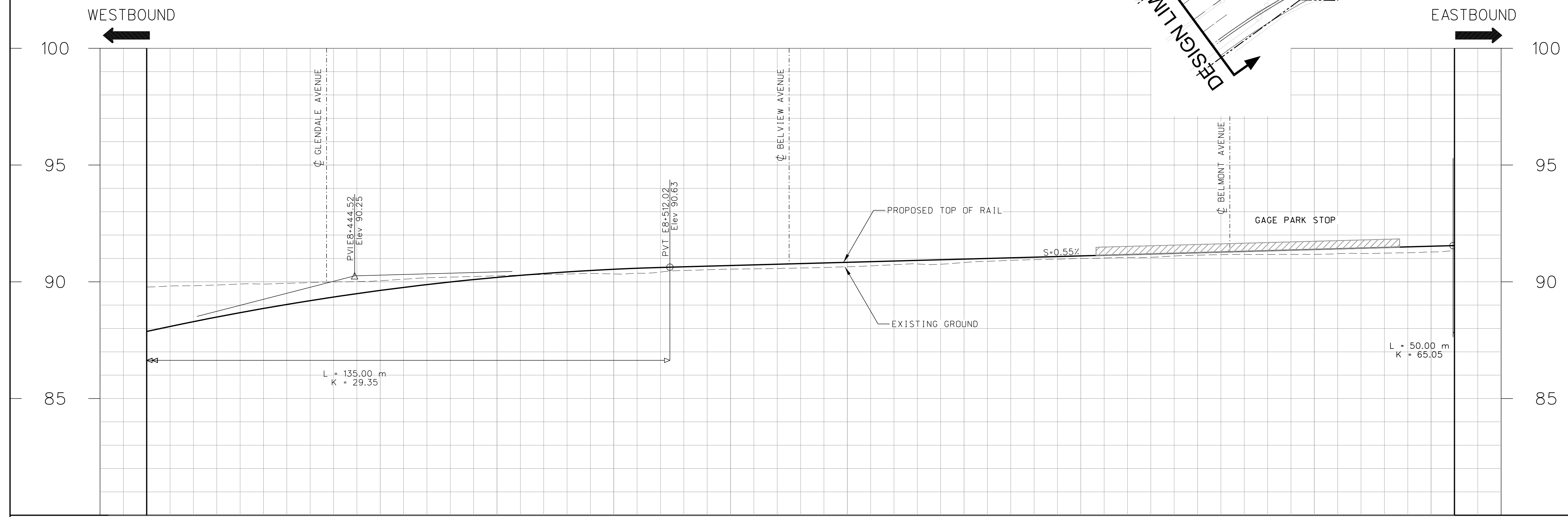
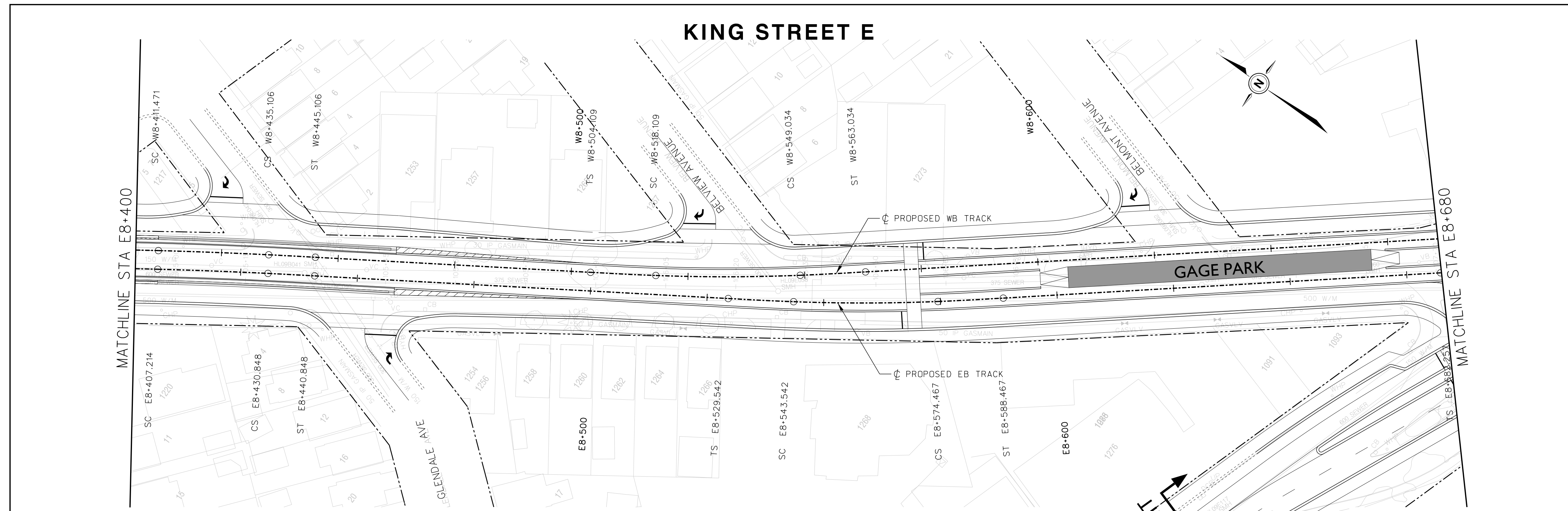
**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

87.871	88.857	89.629	90.188	90.534	90.697	90.834	90.972	91.109	91.247	91.384	91.522	PROPOSED TOP OF RAIL PROFILE
89.775	89.899	90.043	90.255	90.335	90.541	90.643	90.825	90.998	91.140	91.174	91.275	EXISTING GROUND ELEVATION
E8+400	E8+425	E8+450	E8+475	E8+500	E8+525	E8+550	E8+575	E8+600	E8+625	E8+650	E8+675	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
 Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report -

**SCALES**

0 5m 10m 20m

HORIZONTAL 1:500

0 1m 2m 4m

VERTICAL 1:100

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

**AECOM** **steer davis gleave**

**DIALOG**

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

Hamilton **LRT LIGHT RAIL TRANSIT** **METROLINX**

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E8+400 TO STA E8+680

p:\1617479-P\WINT\_aecomonline\locat\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC031.dgn  
 User:wuj6 17/05/2017 12:18:19 PM



DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

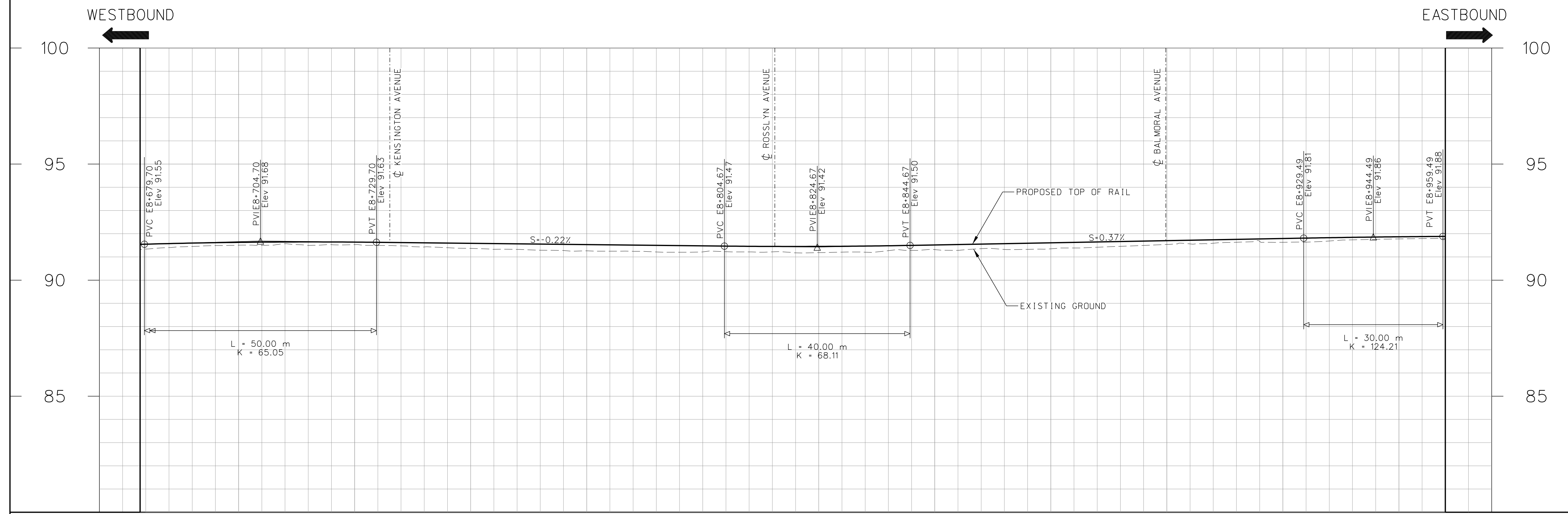
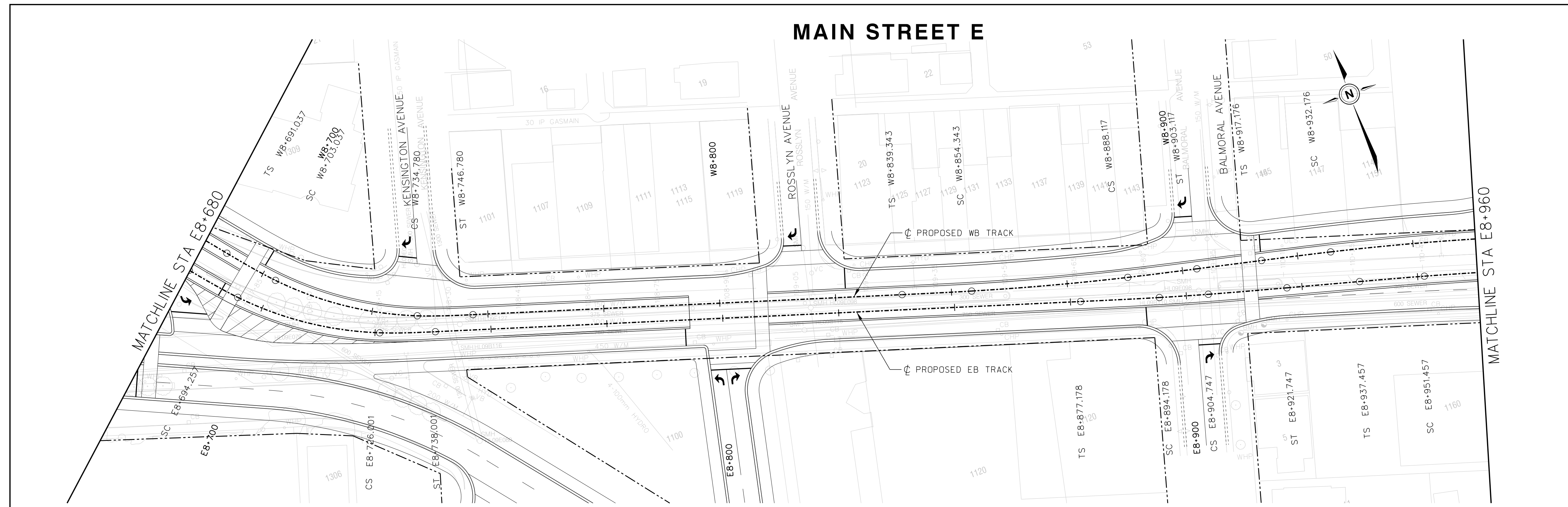
E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

**MAIN STREET E**



	91.627	91.639	91.586	91.531	91.477	91.452	91.516	91.608	91.700	91.792	91.868	PROPOSED TOP OF RAIL PROFILE
	91.505	91.529	91.568	91.262	91.217	91.183	91.316	91.350	91.537	91.630	91.776	EXISTING GROUND ELEVATION
	E8+700	E8+725	E8+750	E8+775	E8+800	E8+825	E8+850	E8+875	E8+900	E8+925	E8+950	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

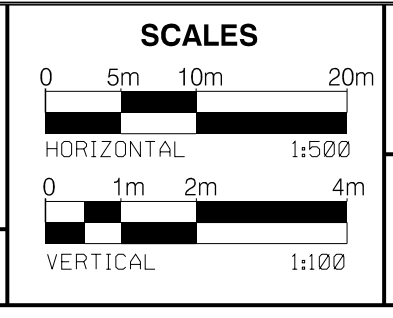
REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)

Sewer Plan:  
Water Plan:

Geodetic: Bench Mark Index  
Borehole Report -

Elevation=



Project Manager  
NAME  
Manager of Design  
NAME



Project Manager  
NAME  
Manager of Design  
NAME



**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E8+680 TO STA E8+960

p:\1617479-P\WINT\_aecomonline.local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC032.dgn  
 User:wuj6 17/05/2017 12:18:44 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

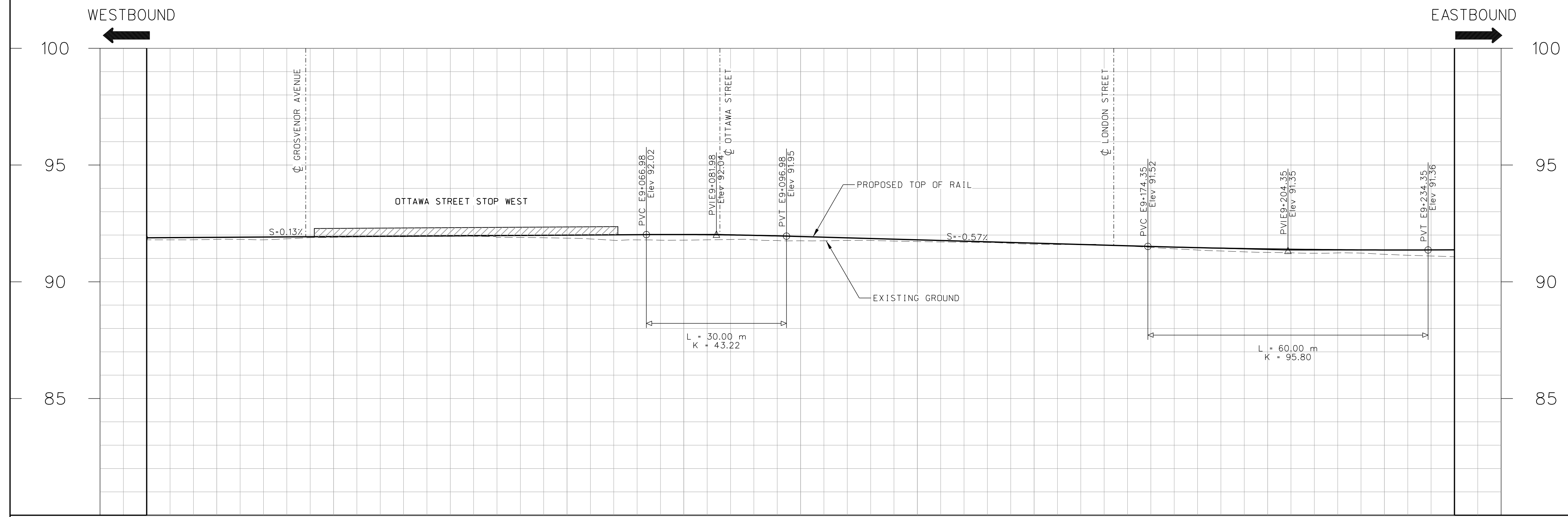
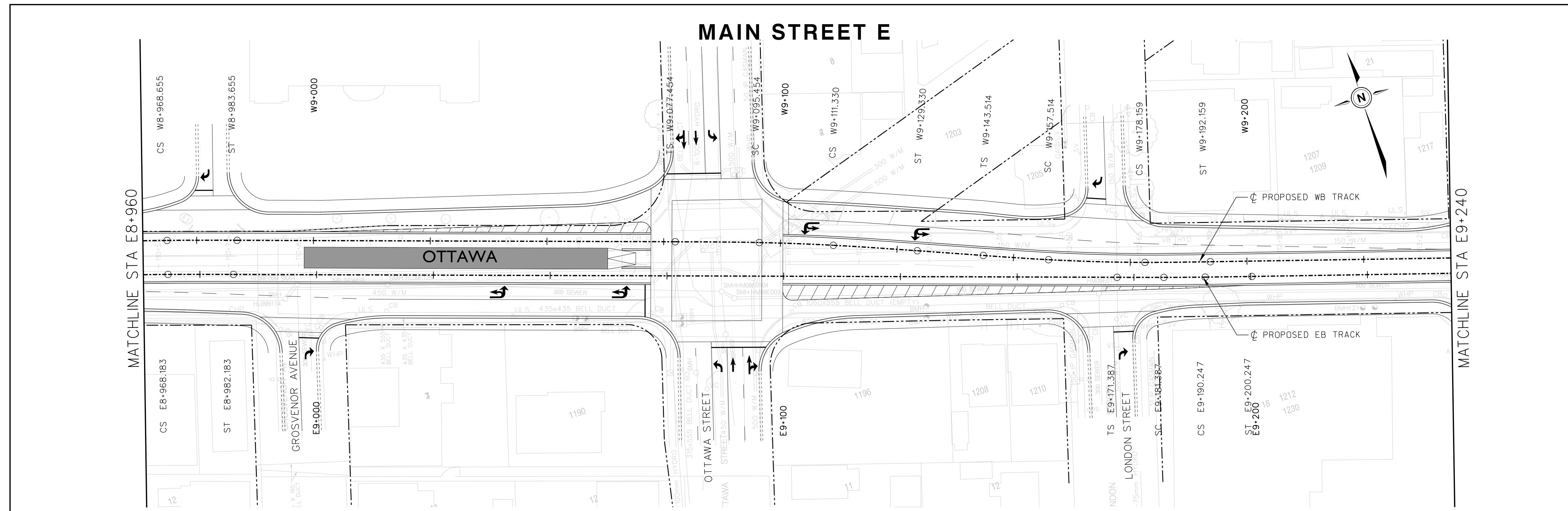
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- - - PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



91.903	91.935	91.967	91.998	92.023	91.937	91.795	91.653	91.512	91.404	91.362	PROPOSED TOP OF RAIL PROFILE
91.814	91.904	91.947	91.868	91.783	91.754	91.722	91.606	91.470	91.258	91.178	EXISTING GROUND ELEVATION
E8+975	E9+000	E9+025	E9+050	E9+075	E9+100	E9+125	E9+150	E9+175	E9+200	E9+225	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:

Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)

Sewer Plan: Water Plan:

Geodetic: Bench Mark Index  
 Borehole Report -

Elevation=

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m

Project Manager  
 NAME  
 Manager of Design  
 NAME



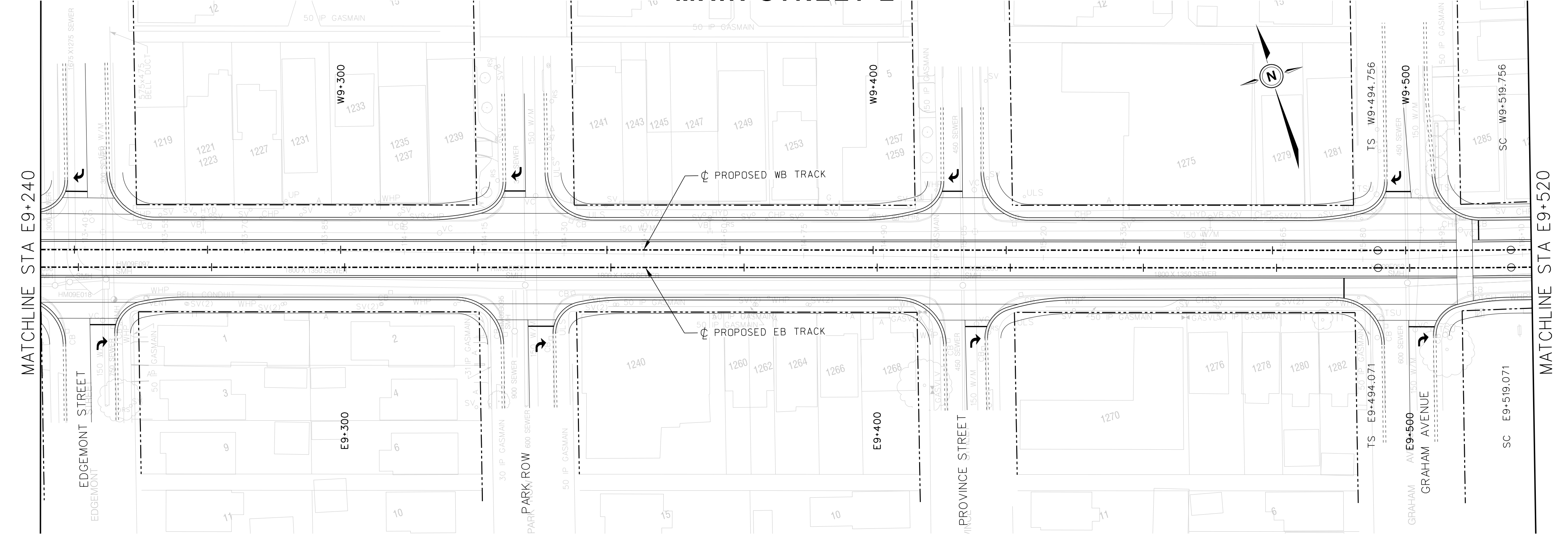
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDJANO  
 APPROVED: LUCIAN BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E8+960 TO STA E9+240

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# MAIN STREET E



FILE No.	CONTRACT No. C11-12-10	SHEET No.
	DWG. No. HALRT-RD-NC034	

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

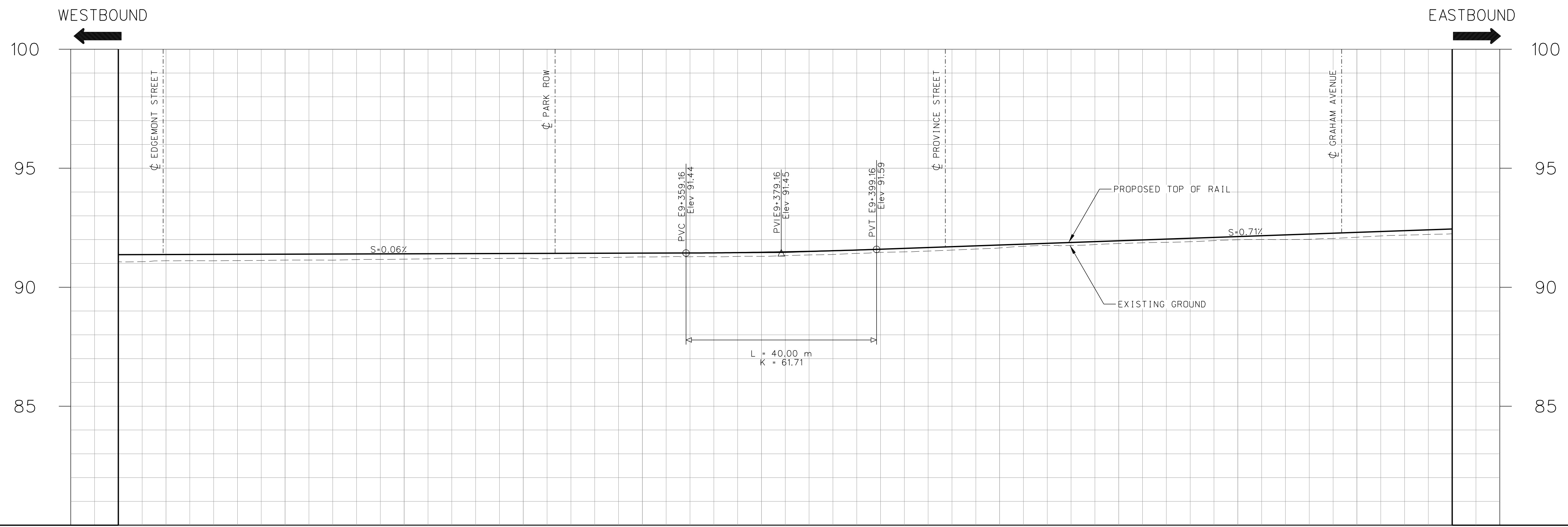
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- - - PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

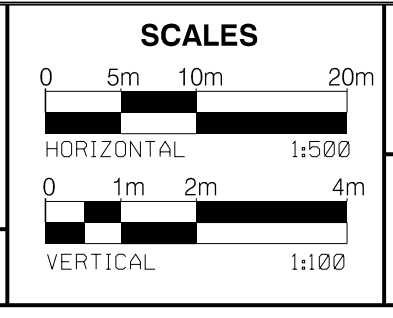
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



91.372	91.387	91.402	91.417	91.431	91.466	91.596	91.773	91.950	92.127	92.303	PROPOSED TOP OF RAIL PROFILE
91.111	91.140	91.179	91.217	91.272	91.298	91.463	91.649	91.834	91.996	92.099	EXISTING GROUND ELEVATION
E9+250	E9+275	E9+300	E9+325	E9+350	E9+375	E9+400	E9+425	E9+450	E9+475	E9+500	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL\_V8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017.05.10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E9+240 TO STA E9+520

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 User: wuj6 17/05/2017 12:19:40 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

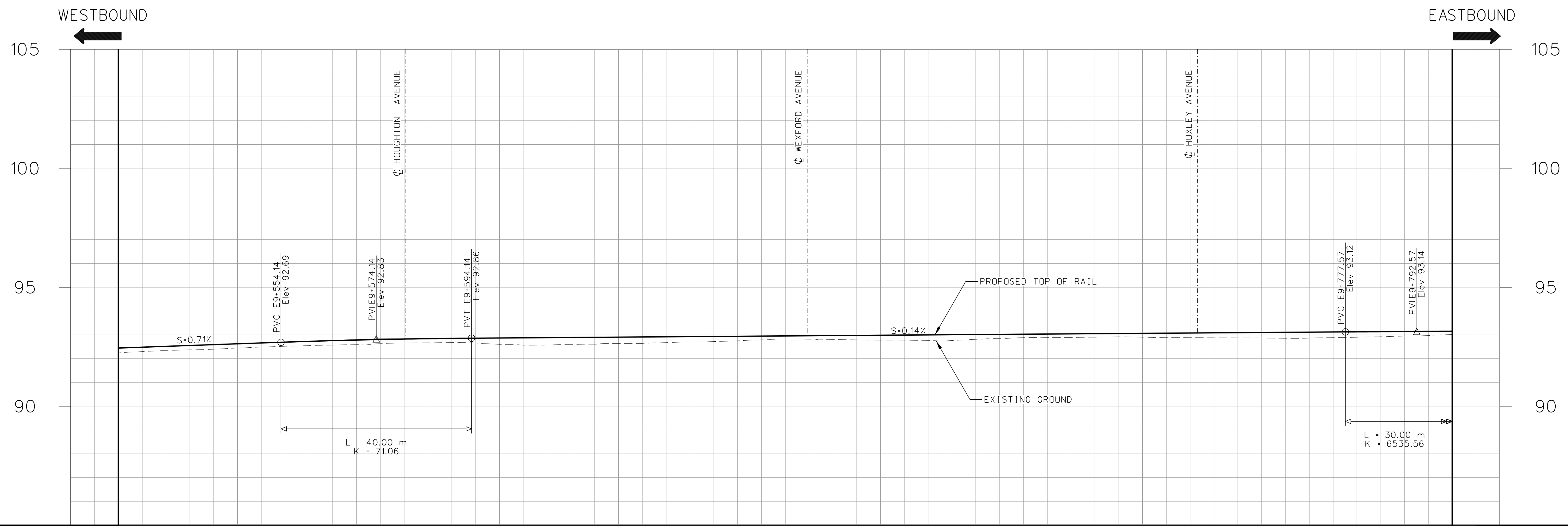
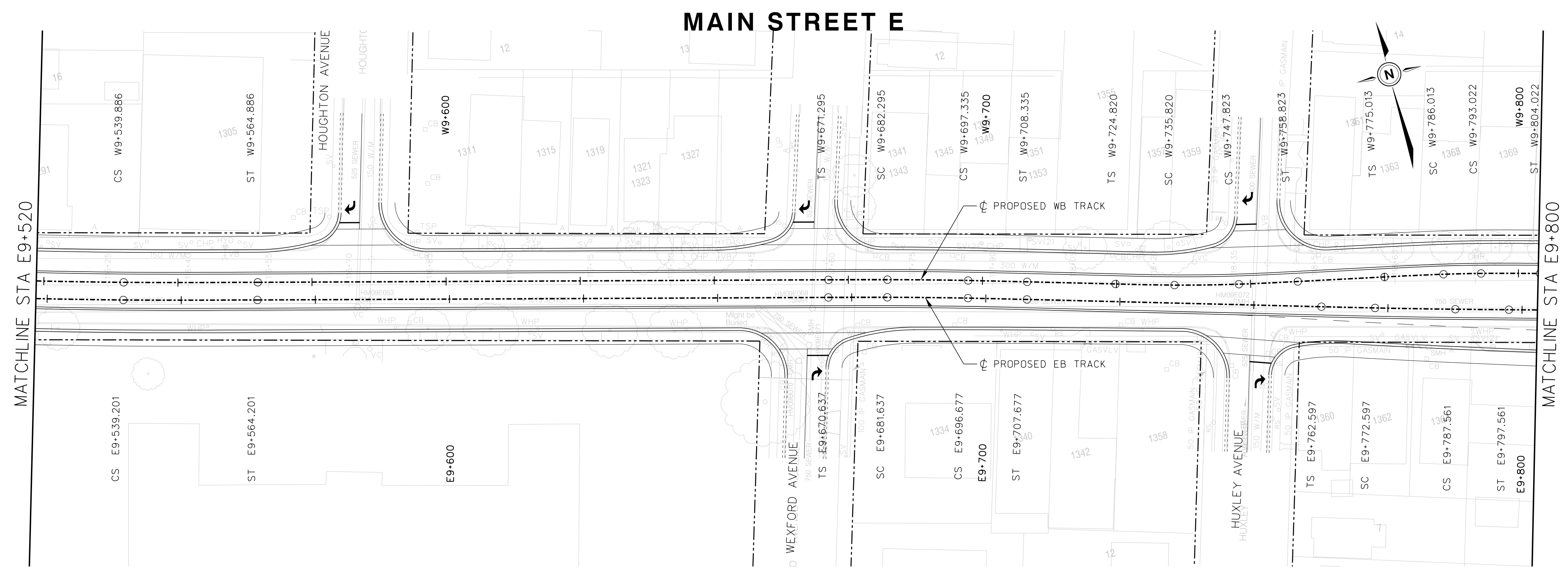
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

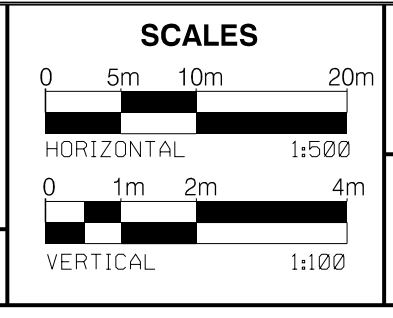
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



E9+525	92.294	92.480	92.657	92.803	92.865	92.901	92.938	92.974	93.010	93.046	93.082	93.118	93.154

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORBANO  
 APPROVED: LUIGI BANCU  
 DATE: 2016/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E9+520 TO STA E9+800

p:\1617479-P\WINT\_aecomonline.local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC035.dgn  
 User: wu6 17/05/2017 12:20:09 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

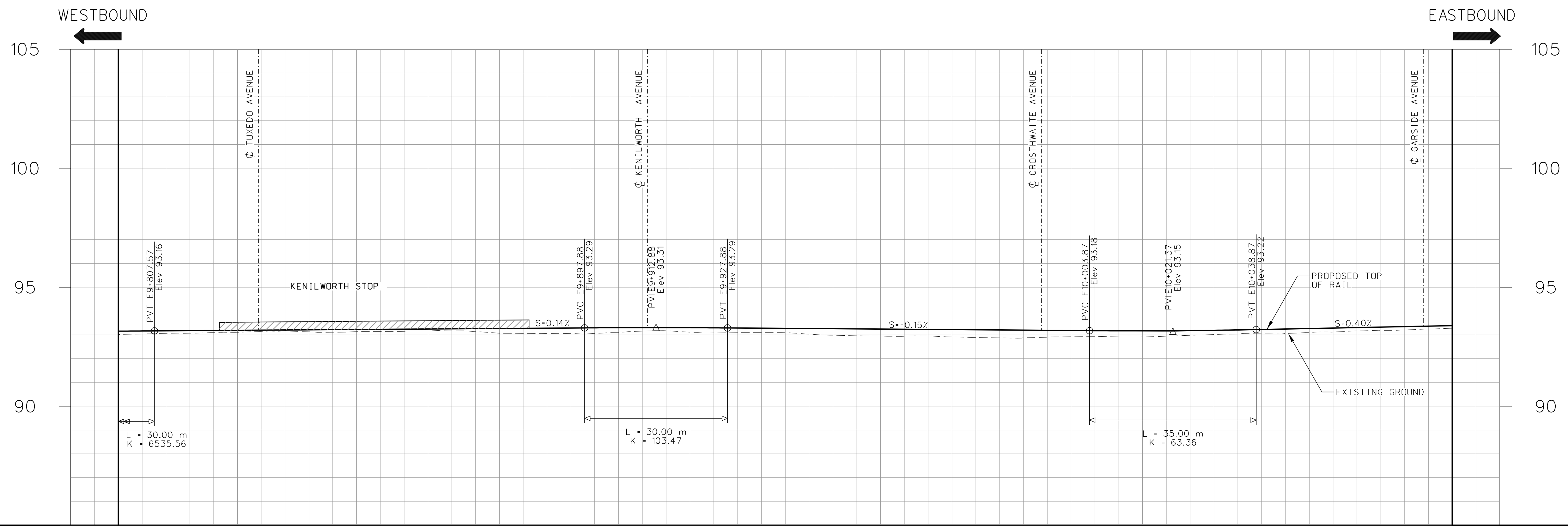
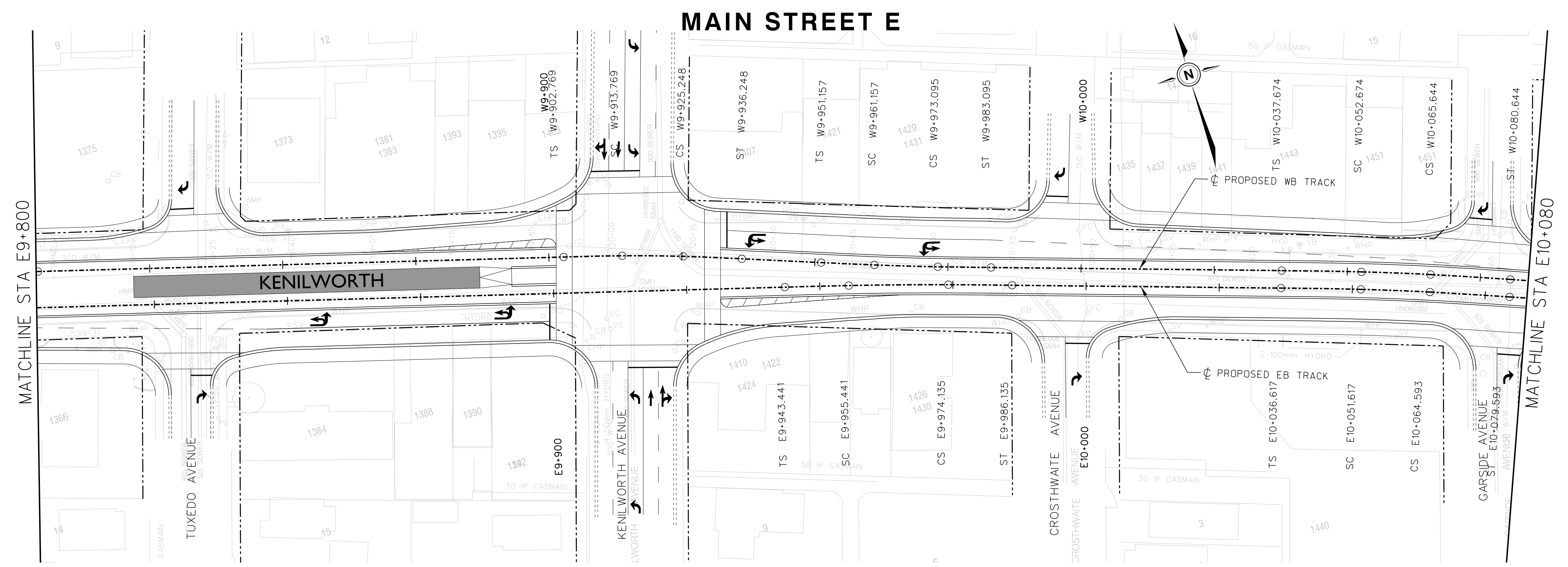
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

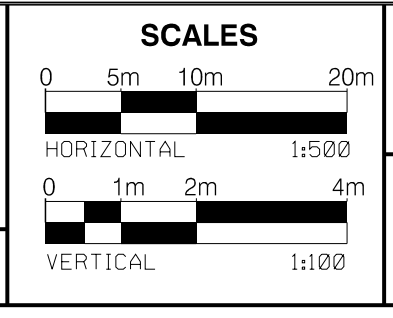


93.154	93.189	93.224	93.259	93.294	93.293	93.256	93.219	93.181	93.179	93.264	93.365	PROPOSED TOP OF RAIL PROFILE
93.011	93.104	93.135	93.136	93.056	93.079	92.981	92.911	92.921	92.978	93.099	93.241	EXISTING GROUND ELEVATION
E9+800	E9+825	E9+850	E9+875	E9+900	E9+925	E9+950	E9+975	E10+000	E10+025	E10+050	E10+075	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

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 User:wuj6 17/05/2017 12:20:36 PM

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002\_ALL\_V8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME

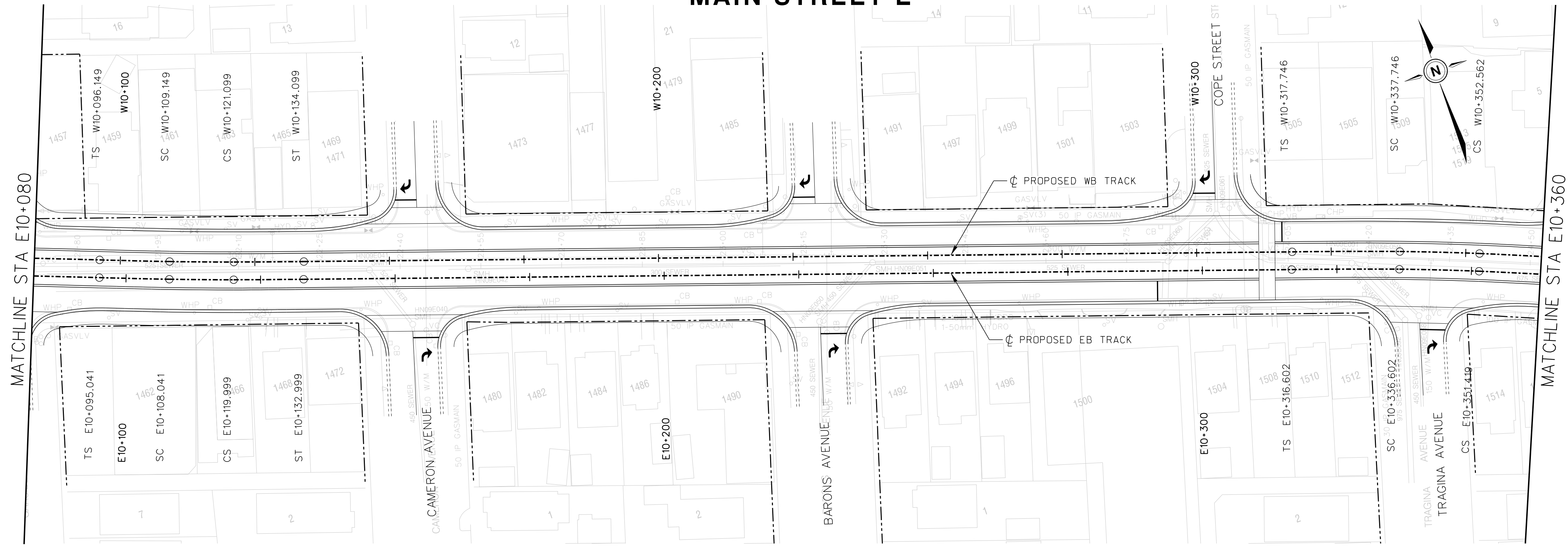


DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORDANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E9+800 TO STA E10+080

# MAIN STREET E



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC037

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

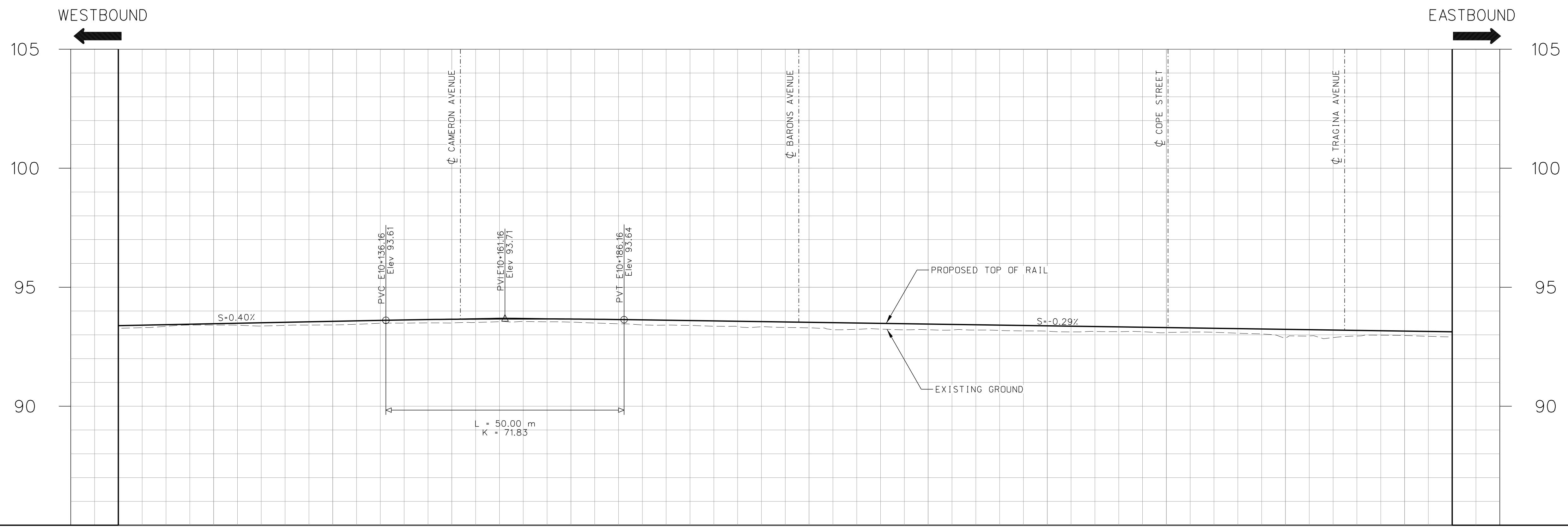
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE

E0-000.00 STATIONING ON EB TRACK  
 W0-000.00 STATIONING ON WB TRACK  
 N0-000.00 STATIONING ON NB TRACK  
 S0-000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

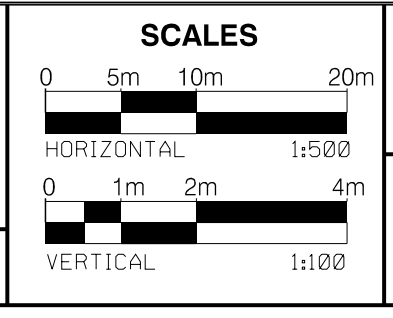
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



	93.466	93.566	93.654	93.662	93.598	93.524	93.451	93.378	93.304	93.231	93.157	PROPOSED TOP OF RAIL PROFILE
	93.409	93.415	93.497	93.533	93.394	93.292	93.213	93.152	93.094	92.859	92.971	EXISTING GROUND ELEVATION
	E10+100	E10+125	E10+150	E10+175	E10+200	E10+225	E10+250	E10+275	E10+300	E10+325	E10+350	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



Project Manager  
 NAME  
 Manager of Design  
 NAME



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E10+080 TO STA E10+360

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 User: wuj6 17/05/2017 12:21:01 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

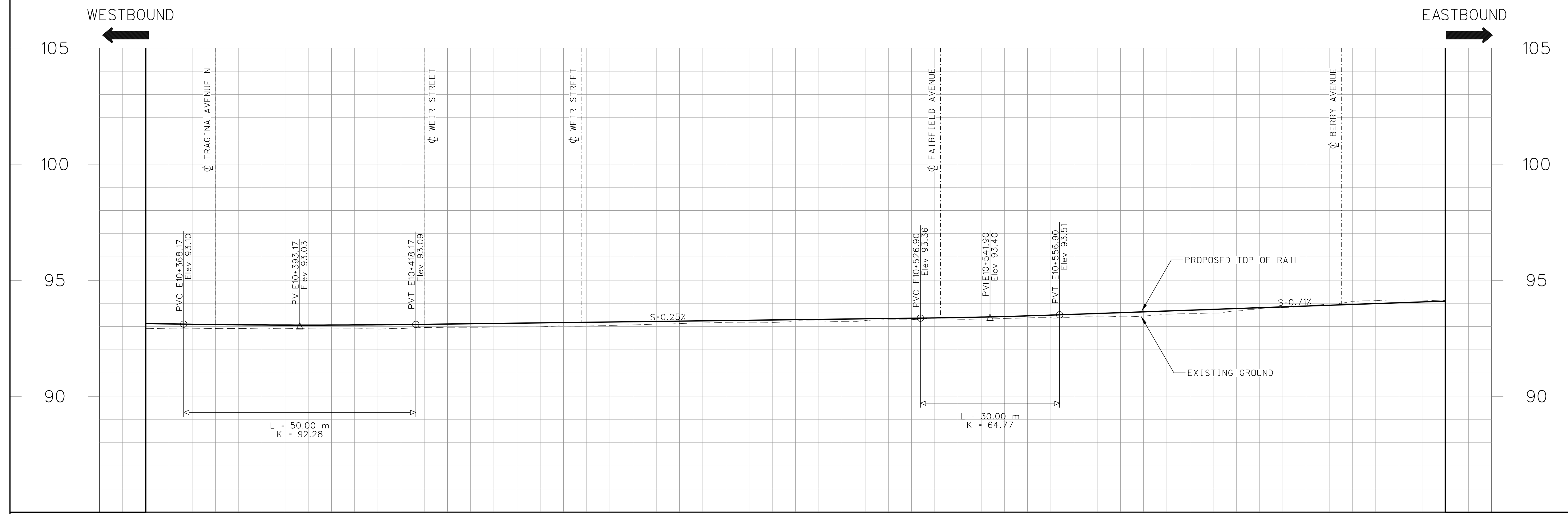
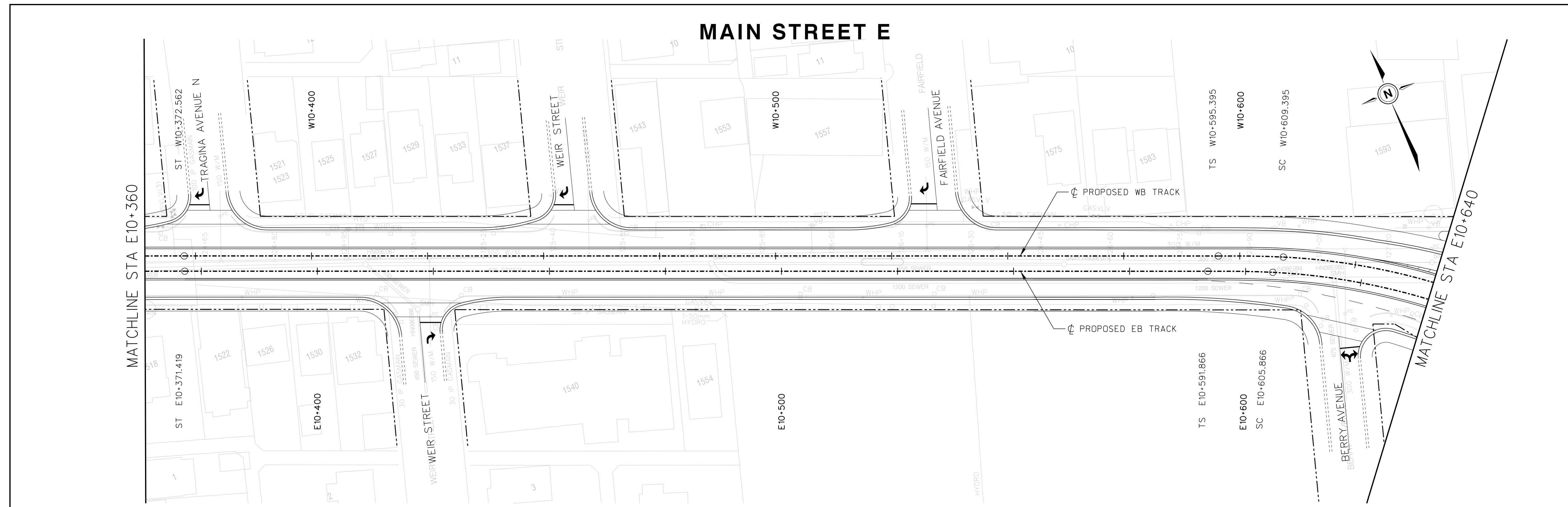
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
W0+000.00 STATIONING ON WB TRACK  
N0+000.00 STATIONING ON NB TRACK  
S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



E10+375	92.917	93.086	PROPOSED TOP OF RAIL PROFILE
E10+400	92.895	93.065	EXISTING GROUND ELEVATION
E10+425	92.966	93.110	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK
E10+450	93.028	93.172	
E10+475	93.128	93.234	
E10+500	93.237	93.296	
E10+525	93.299	93.358	
E10+550	93.374	93.461	
E10+575	93.453	93.635	
E10+600	93.777	93.813	
E10+625	94.121	93.991	

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
basemap2.dwg (MAY 19, 2011)  
Sewer Plan:  
Water Plan:  
Geodetic: Bench Mark Index  
Borehole Report -

**SCALES**

HORIZONTAL 1:500  
VERTICAL 1:100

Project Manager  
NAME  
Manager of Design  
NAME



DRAWN: JUAN WU  
CHECKED: KATHLEEN GIORGANO  
APPROVED: LUIGI BANCU  
DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
PLAN AND PROFILE  
STA E10+360 TO STA E10+640

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 User:wuj6 17/05/2017 12:22:25 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

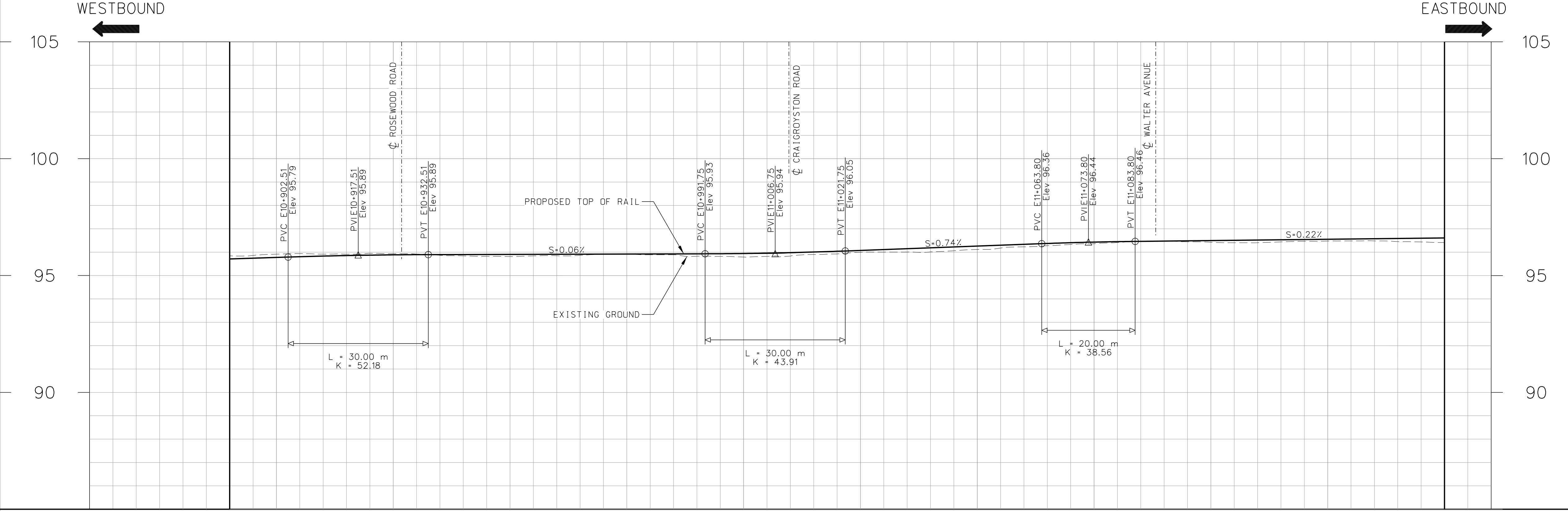
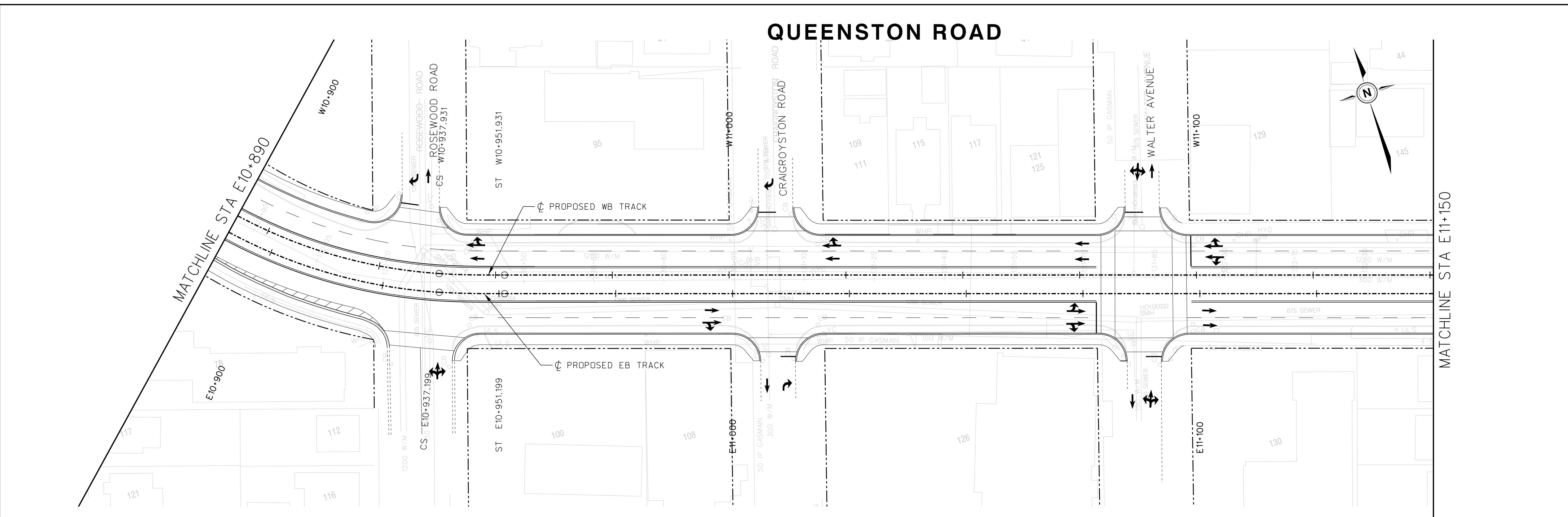
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

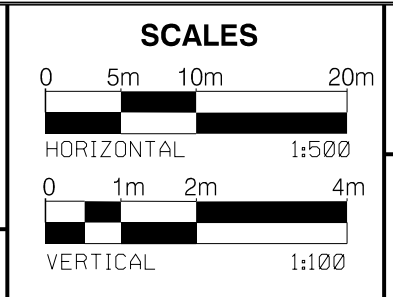
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



	95.774	95.885	95.905	95.920	95.943	96.075	96.261	96.430	96.497	96.553	96.609	PROPOSED TOP OF RAIL PROFILE
	95.913	95.933	95.814	95.922	95.789	95.994	96.113	96.363	96.422	96.477	96.409	EXISTING GROUND ELEVATION
	E10+900	E10+925	E10+950	E10+975	E11+000	E11+025	E11+050	E11+075	E11+100	E11+125	E11+150	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL\_v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



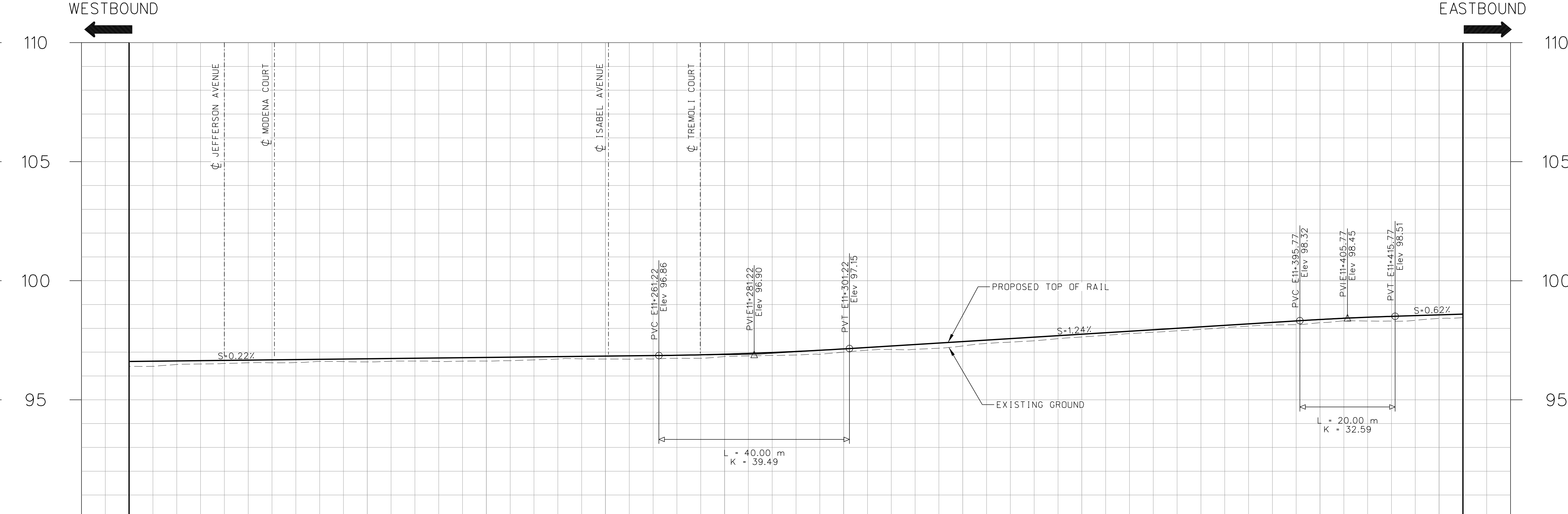
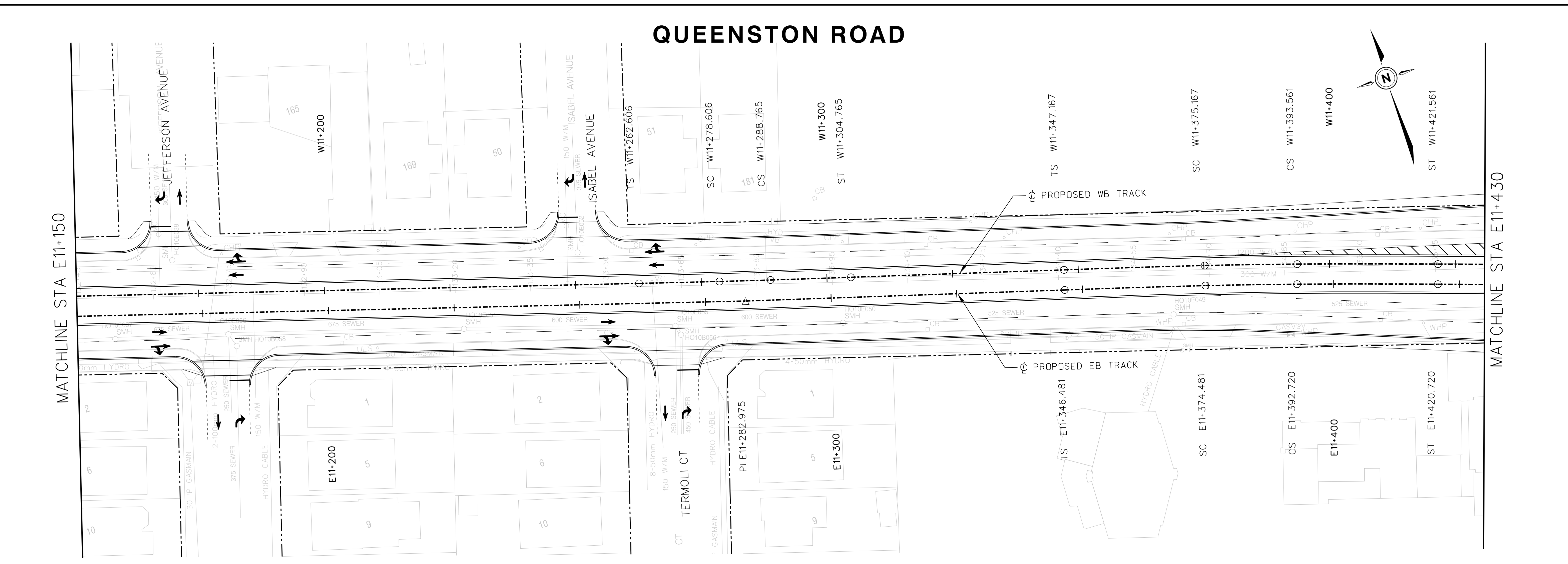
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORGANO  
 APPROVED: LUCIAN BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E10+890 TO STA E11+150

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 User:wuj6 17/05/2017 12:22:54 PM

FILE No.	CONTRACT No. C11-12-10	SHEET No.
	DWG. No. HALRT-RD-NC041	
DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED		
<b>LEGEND</b>		
- - - - - LRT TRACK CENTRELINE - - - - - EXISTING PROPERTY LINE - - - - - PROPOSED TOP OF RAIL (PROFILE) - - - - - EXISTING GROUND LINE (PROFILE) EAST BOUND TRACK USED AS REFERENCE LINE E0+000.00 STATIONING ON EB TRACK W0+000.00 STATIONING ON WB TRACK N0+000.00 STATIONING ON NB TRACK S0+000.00 STATIONING ON SB TRACK		
<b>NOT FOR CONSTRUCTION</b>		
NOTES:		



96.609	96.665	96.721	96.778	96.834	96.894	96.914	97.000	97.137	97.446	97.755	98.064	98.371	98.565	PROPOSED TOP OF RAIL PROFILE
96.409	96.554	96.591	96.626	96.710	96.817	96.817	97.000	97.261	97.658	97.956	98.236	98.416	98.416	EXISTING GROUND ELEVATION
E11+150	E11+175	E11+200	E11+225	E11+250	E11+275	E11+300	E11+325	E11+350	E11+375	E11+400	E11+425	E11+450	E11+475	DESIGN CL CHAINAGE EASTBOUND TRACK

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

No.	REVISIONS	INITIAL	DATE	REFERENCE MATERIAL:
0	EA Amendment	LB	17/05/10	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan: Water Plan: Geodetic: Bench Mark Index Borehole Report -				

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m  
 0 1m 2m 4m

VERTICAL 1:100

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

**AECOM** **steer davis gleave**  
**DIALOG**

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

DATE: 2017/05/10

**HAMILTON LRT LIGHT RAIL TRANSIT**  
**METROLINX**

Hamilton

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E11+150 TO STA E11+430

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

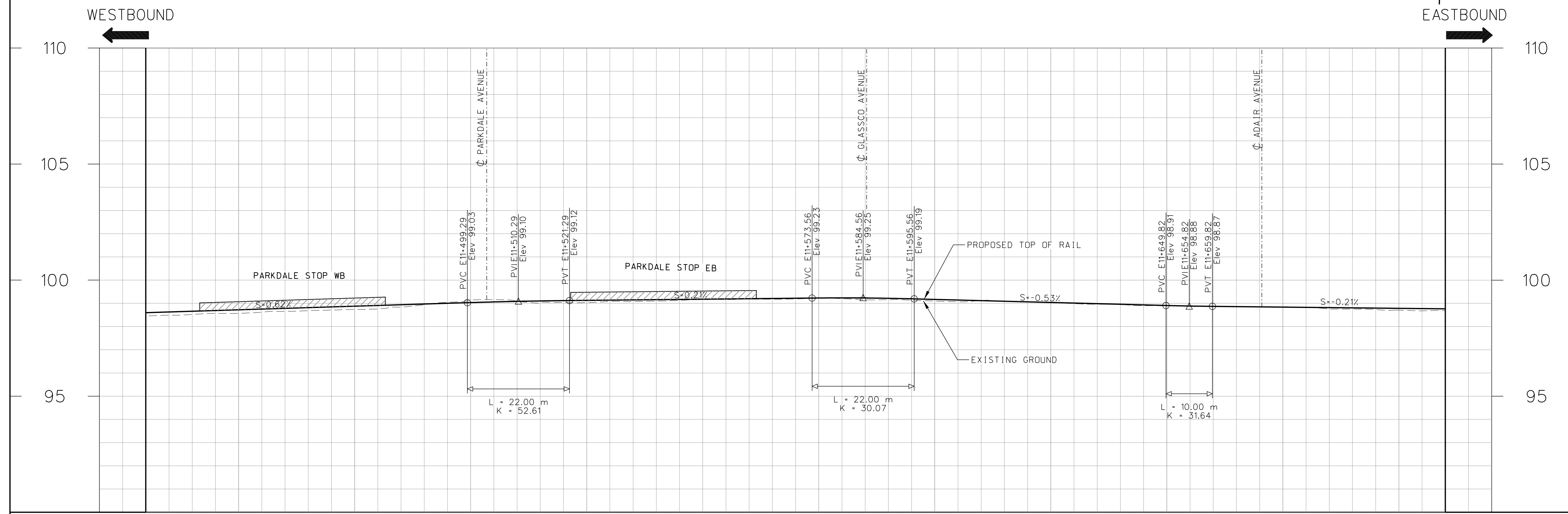
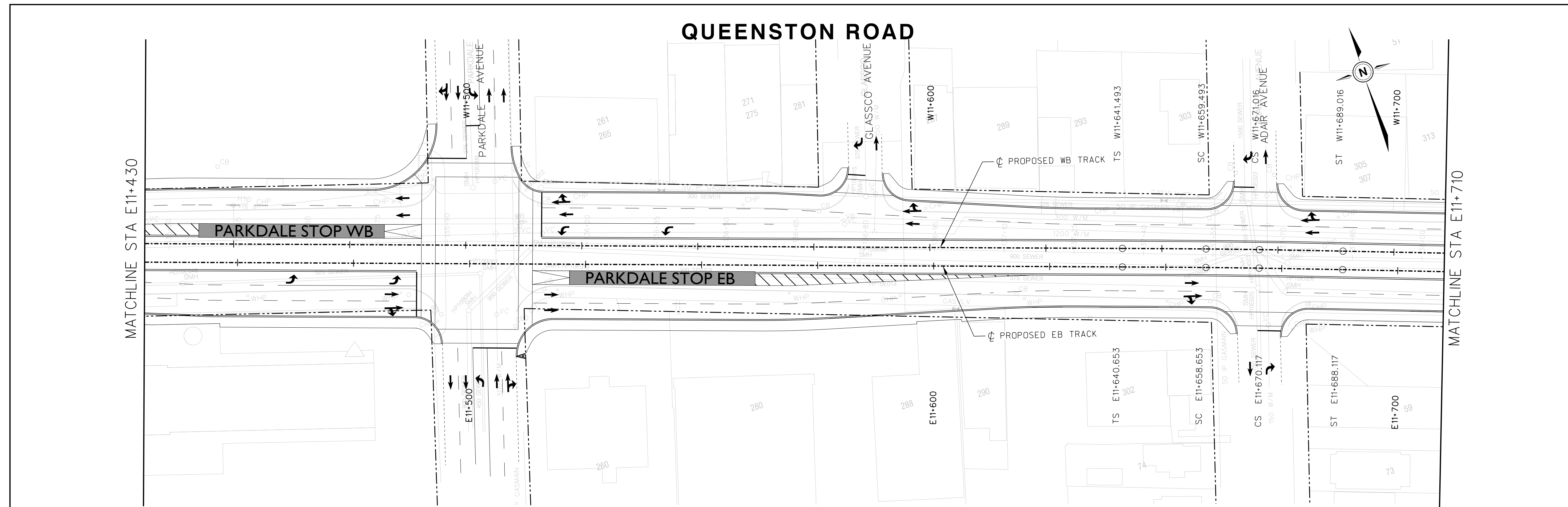
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK LINE USED AS REFERENCE LINE

E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

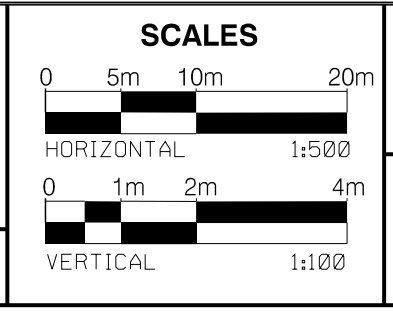
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



98.721	98.877	99.033	99.128	99.179	99.230	99.169	99.037	98.906	98.836	98.786	PROPOSED TOP OF RAIL PROFILE
98.568	98.738	99.127	99.033	99.159	99.219	99.096	99.049	98.888	98.851	98.706	EXISTING GROUND ELEVATION
E11+450	E11+475	E11+500	E11+525	E11+550	E11+575	E11+600	E11+625	E11+650	E11+675	E11+700	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL\_v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



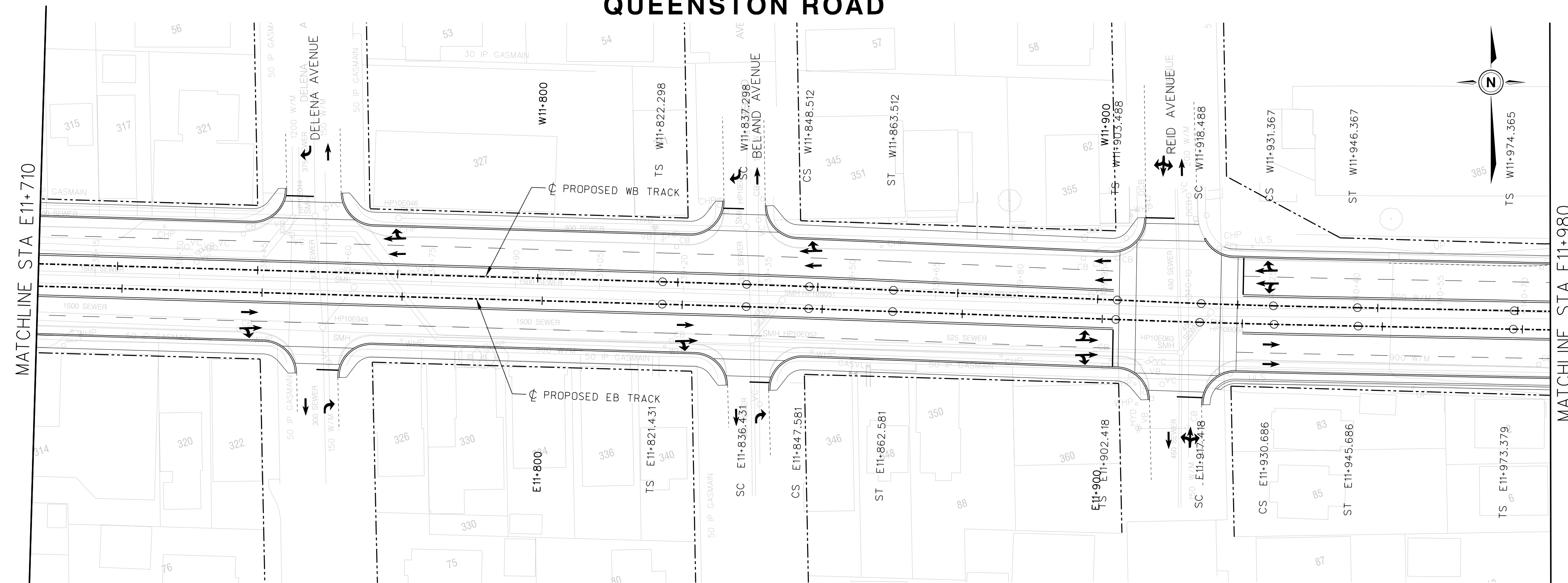
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E11+430 TO STA E11+710

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 User: wu6 17/05/2017 12:23:21 PM

# QUEENSTON ROAD



FILE No. CONTRACT No. C11-12-10 SHEET No.  
DWG. No. HALRT-RD-NC043

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



### LEGEND

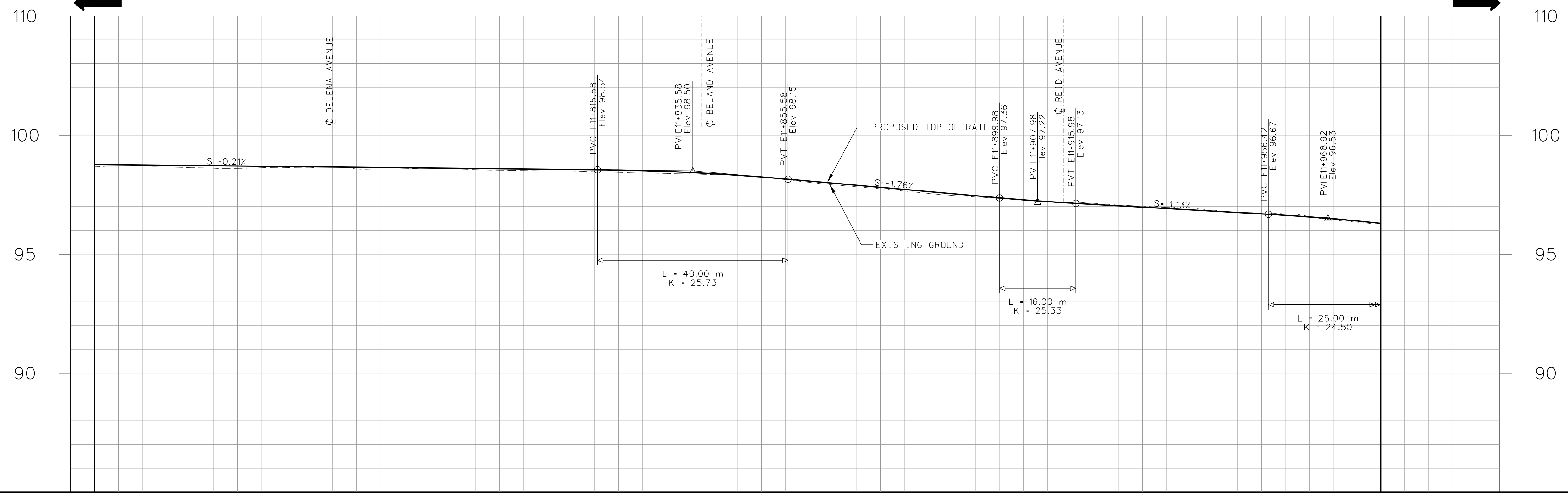
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND

EASTBOUND

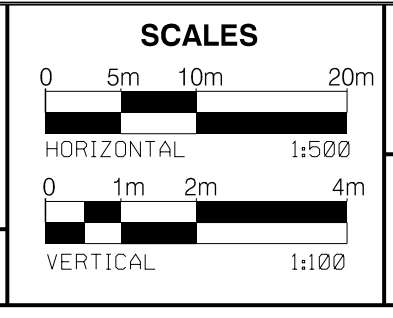


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

98.733	98.681	98.628	98.576	98.506	98.241	97.806	97.364	97.031	96.747	96.394	PROPOSED TOP OF RAIL PROFILE
98.656	98.640	98.588	98.511	98.403	98.232	97.745	97.337	97.064	96.761	96.345	EXISTING GROUND ELEVATION
E11+725	E11+750	E11+775	E11+800	E11+825	E11+850	E11+875	E11+900	E11+925	E11+950	E11+975	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0317HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report - Elevation=



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDJANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E11+710 TO STA E11+980

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# QUEENSTON ROAD

FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC044

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



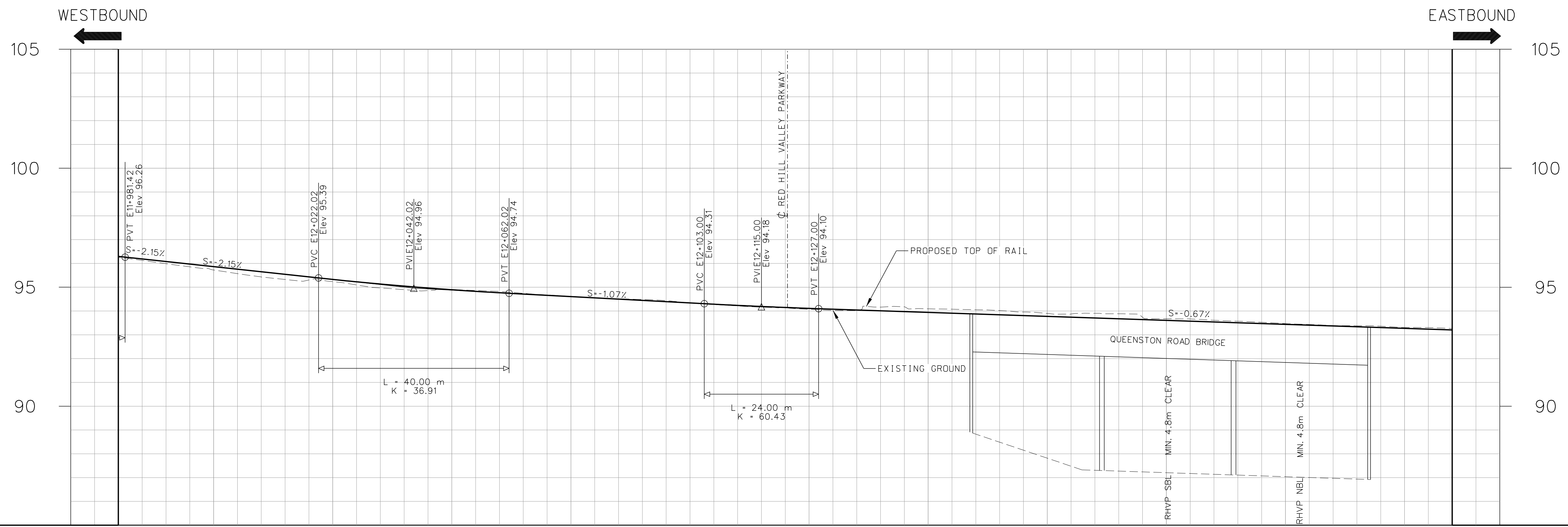
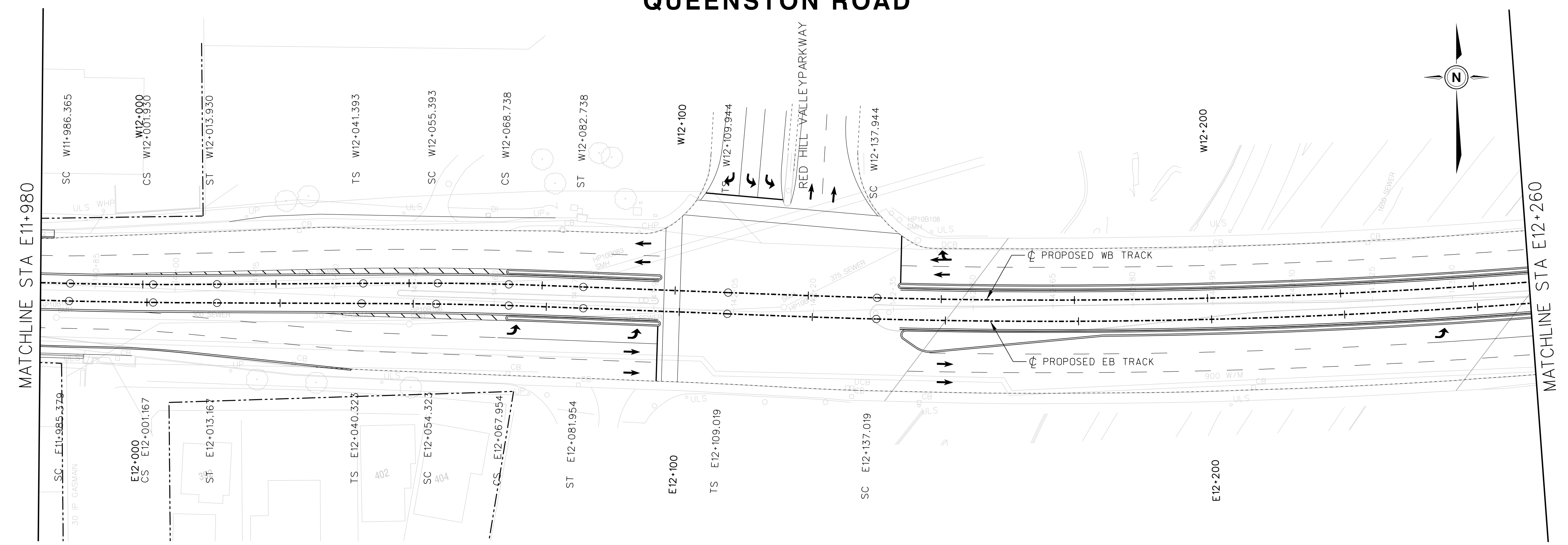
### LEGEND

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



E12+000	95.864	95.723	95.864	PROPOSED TOP OF RAIL PROFILE
E12+025	95.327	95.234	95.327	EXISTING GROUND ELEVATION
E12+050	94.893	94.903	94.893	DESIGN C CHAINAGE EASTBOUND TRACK
E12+075	94.606	94.618	94.606	
E12+100	94.339	94.344	94.339	
E12+125	94.111	94.069	94.111	
E12+150	93.943	94.092	93.943	
E12+175	93.775	93.898	93.775	
E12+200	93.607	93.676	93.607	
E12+225	93.439	93.472	93.439	
E12+250	93.271	93.312	93.271	

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM0002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodesic: Bench Mark Index  
 Borehole Report -

**SCALES**

HORIZONTAL: 1:500  
 0 1m 2m 4m

VERTICAL: 1:100  
 0 5m 10m 20m

Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_



Project Manager: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 Manager of Design: \_\_\_\_\_  
 NAME: \_\_\_\_\_

Hamilton LRT LIGHT RAIL TRANSIT METROLINX

DRAWN: JUAN WU  
 CHECKED: KATHLEEN GEORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10

**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E11+980 TO STA E12+260

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# QUEENSTON ROAD

FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC045

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

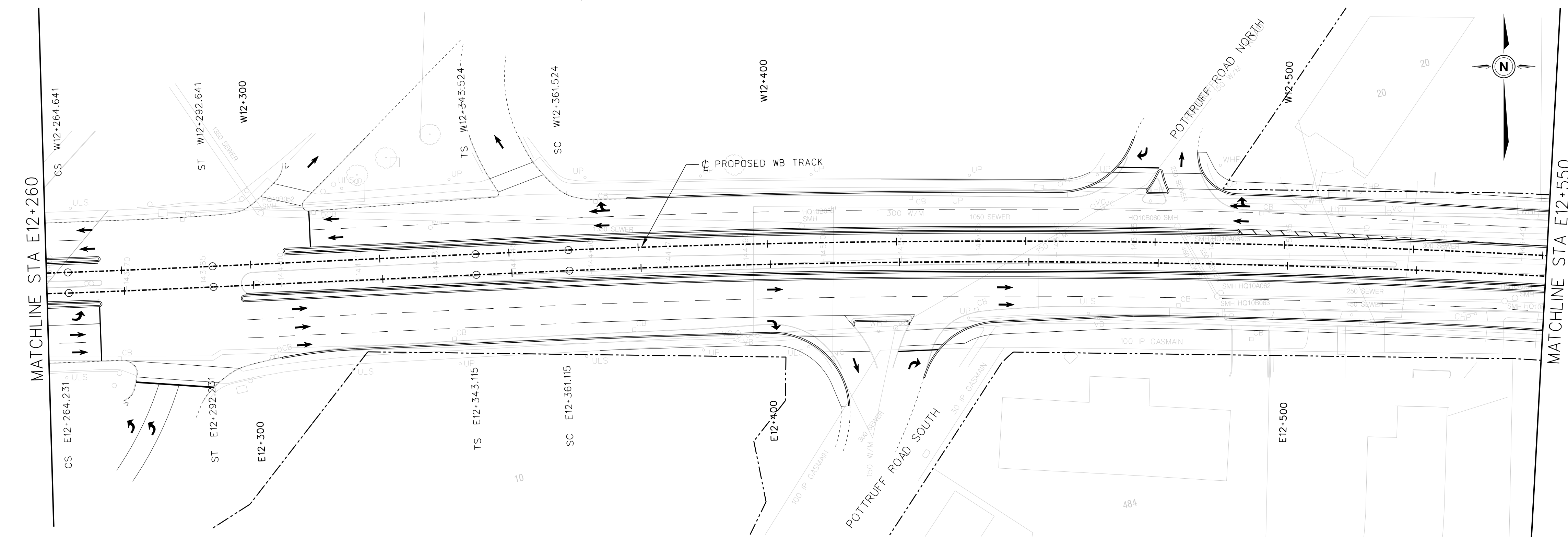


### LEGEND

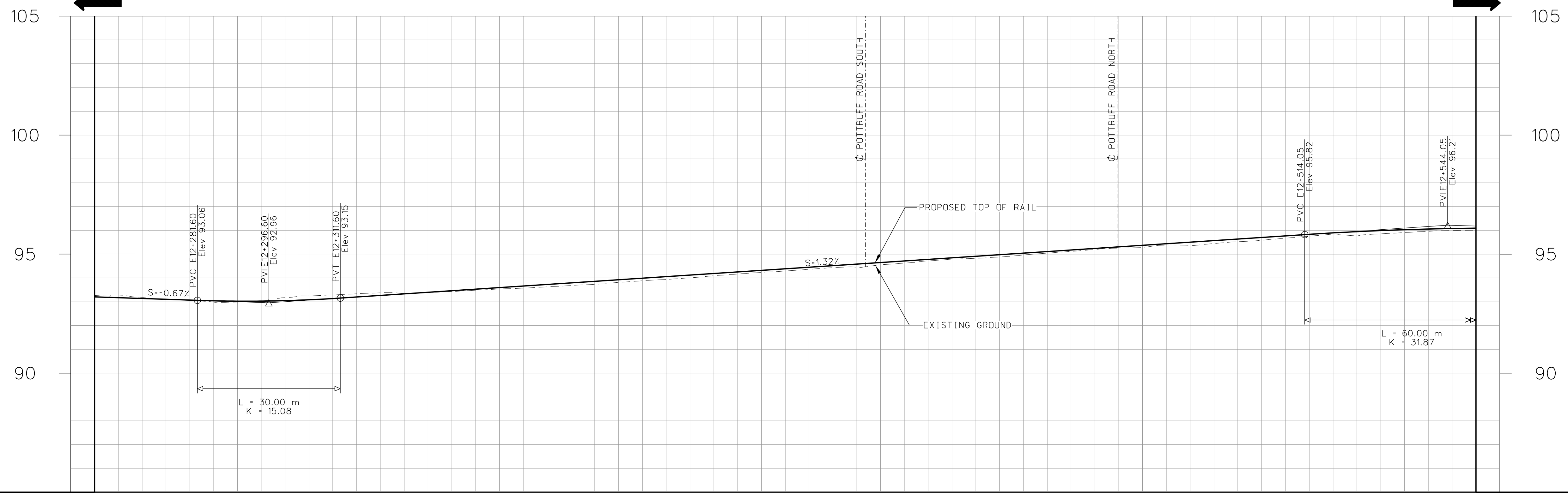
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:



WESTBOUND ← → EASTBOUND

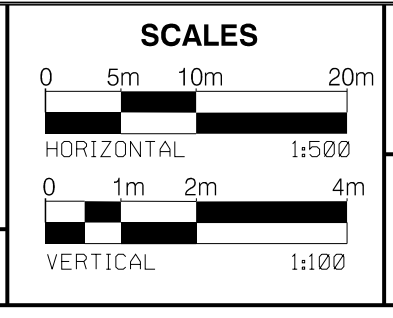


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

93.102	93.047	93.331	93.660	93.989	94.318	94.647	94.976	95.306	95.635	95.945	PROPOSED TOP OF RAIL PROFILE
93.103	93.173	93.362	93.573	93.881	94.234	94.554	94.881	95.253	95.521	95.767	EXISTING GROUND ELEVATION
E12+275	E12+300	E12+325	E12+350	E12+375	E12+400	E12+425	E12+450	E12+475	E12+500	E12+525	DESIGN CL CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E12+260 TO STA E12+550

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# QUEENSTON ROAD

FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC046

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

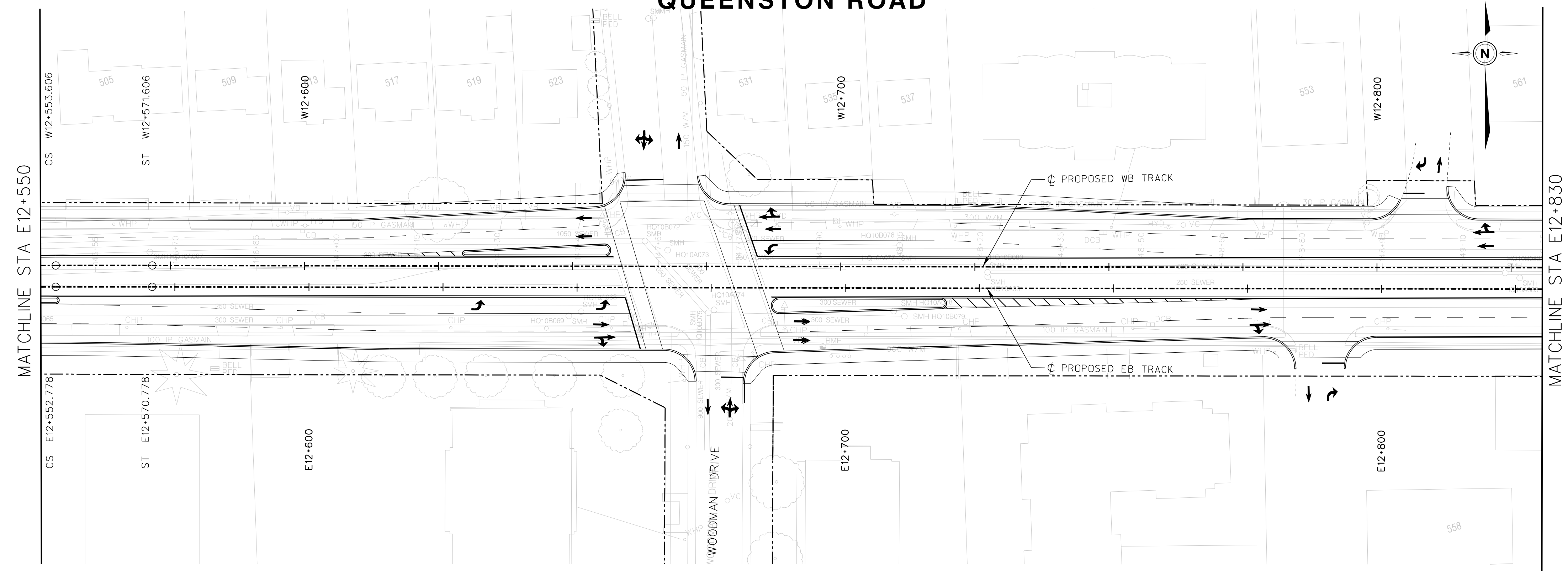


### LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

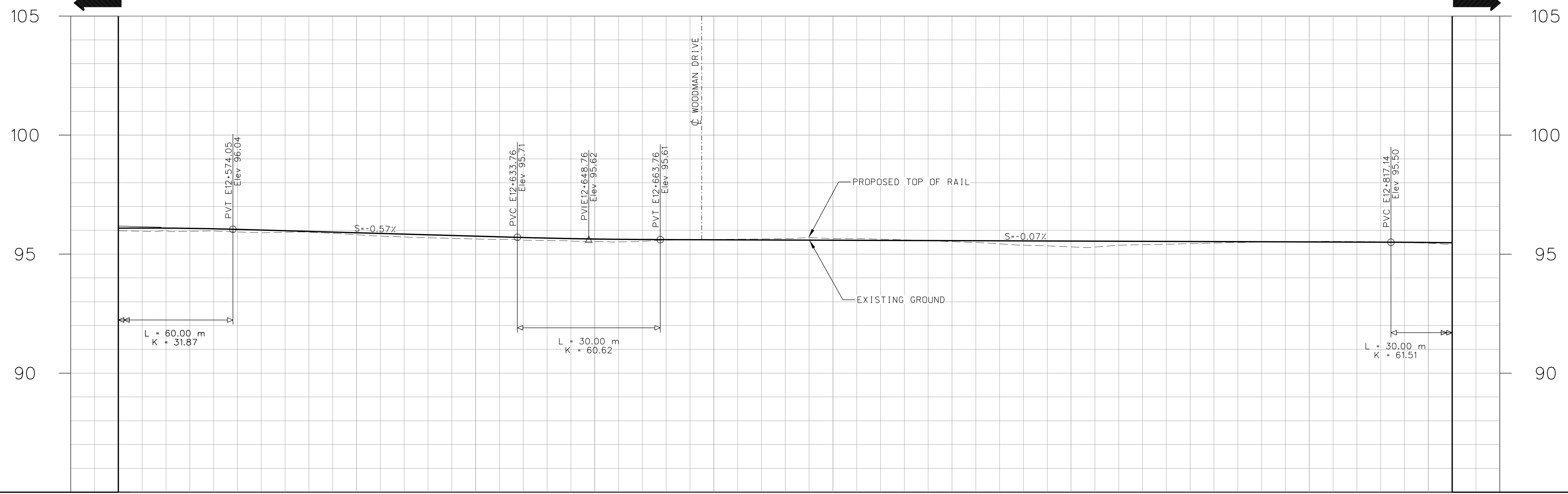
**NOT FOR CONSTRUCTION**

NOTES:



WESTBOUND

EASTBOUND

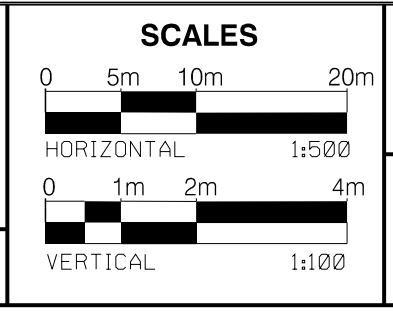


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

96.039	95.898	95.756	95.636	95.603	95.585	95.567	95.549	95.531	95.513	95.490	PROPOSED TOP OF RAIL PROFILE
95.933	95.813	95.635	95.531	95.611	95.652	95.525	95.304	95.440	95.533	95.459	EXISTING GROUND ELEVATION
E12+575	E12+600	E12+625	E12+650	E12+675	E12+700	E12+725	E12+750	E12+775	E12+800	E12+825	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



Project Manager  
 NAME  
 Manager of Design  
 NAME

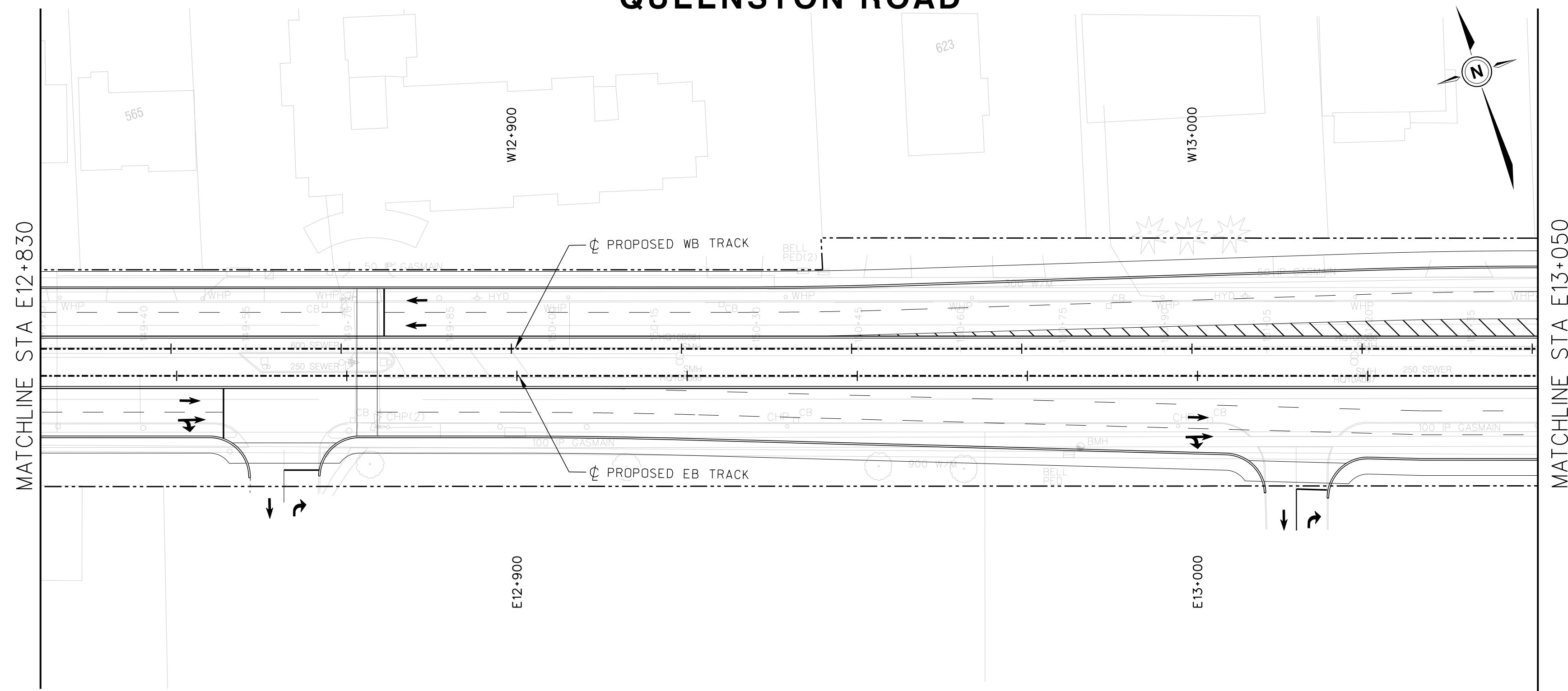


**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E12+550 TO STA E12+830

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 User:wuj6 17/05/2017 12:25:11 PM

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# QUEENSTON ROAD



FILE No.	CONTRACT No. C11-12-10	SHEET No.
	DWG. No. HALRT-RD-NC047	

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



### LEGEND

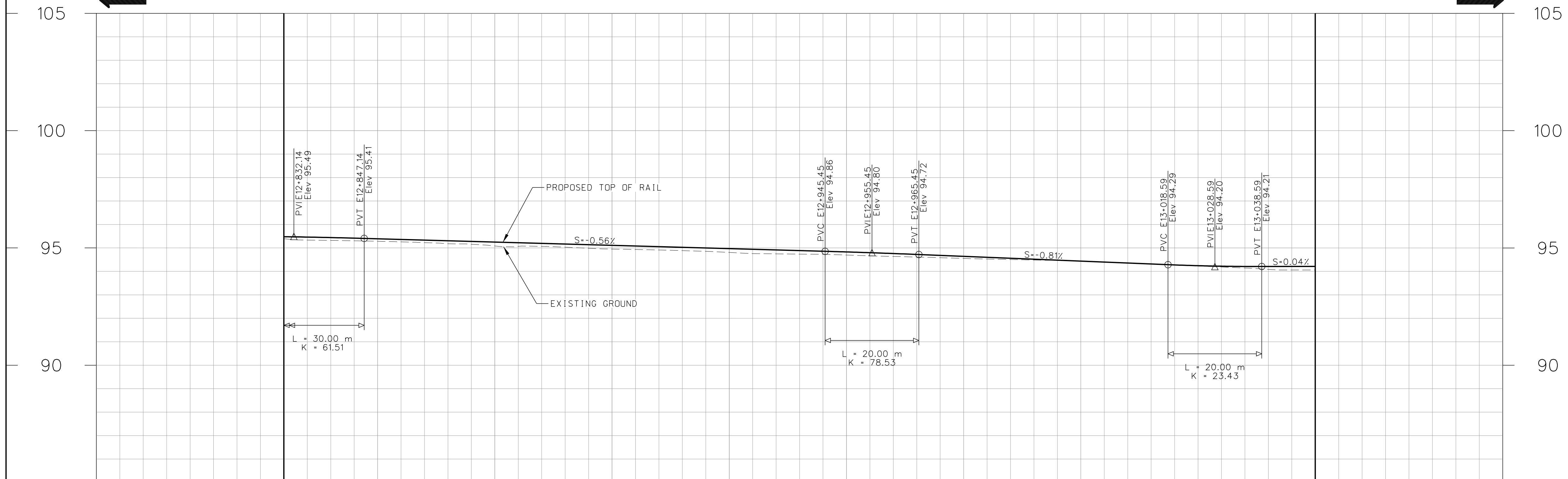
- - - - - LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - - - EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ←

→ EASTBOUND

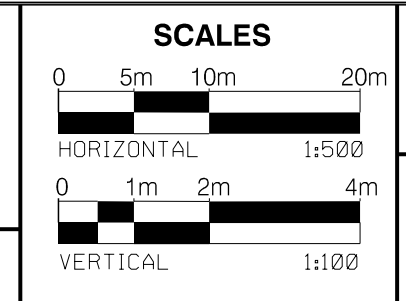


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

E12+850	95.390	95.284	95.083	95.110	94.971	94.829	94.641	94.438	94.243	94.213
E12+875										
E12+900										
E12+925										
E12+950										
E12+975										
E13+000										
E13+025										
E13+050										
										PROPOSED TOP OF RAIL PROFILE
										EXISTING GROUND ELEVATION
										DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002\_ALL.v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index Elevation=  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



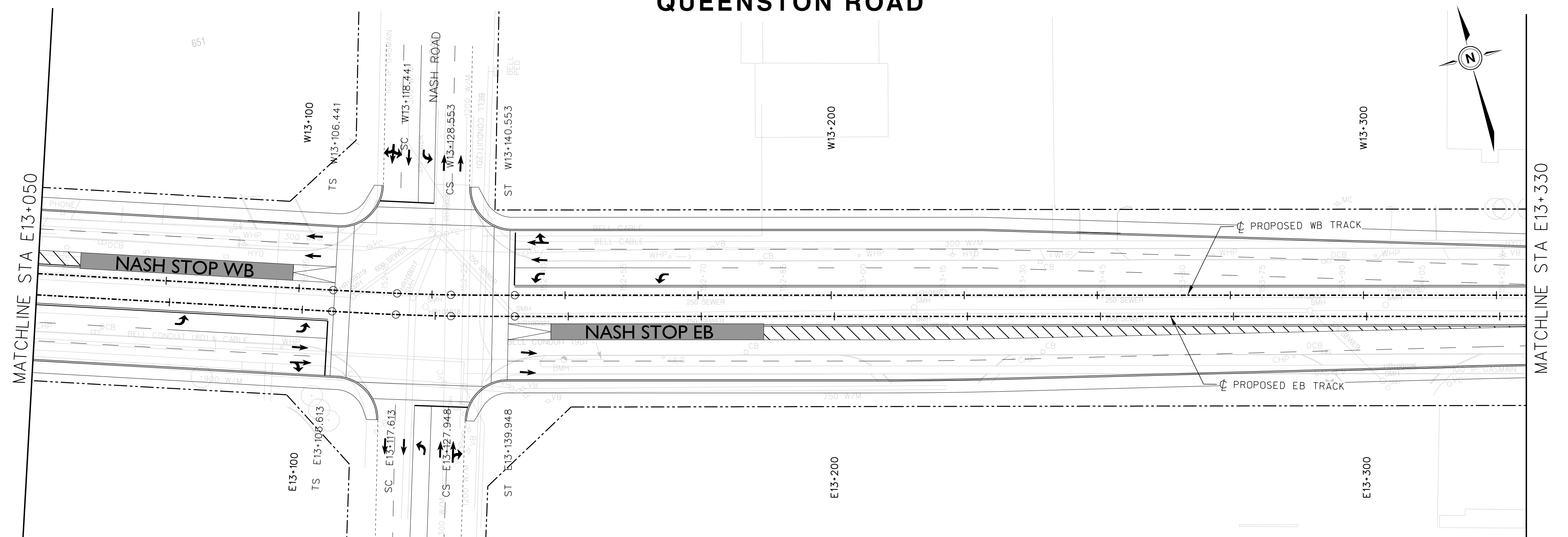
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E12+830 TO STA E13+050



# QUEENSTON ROAD



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC048

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



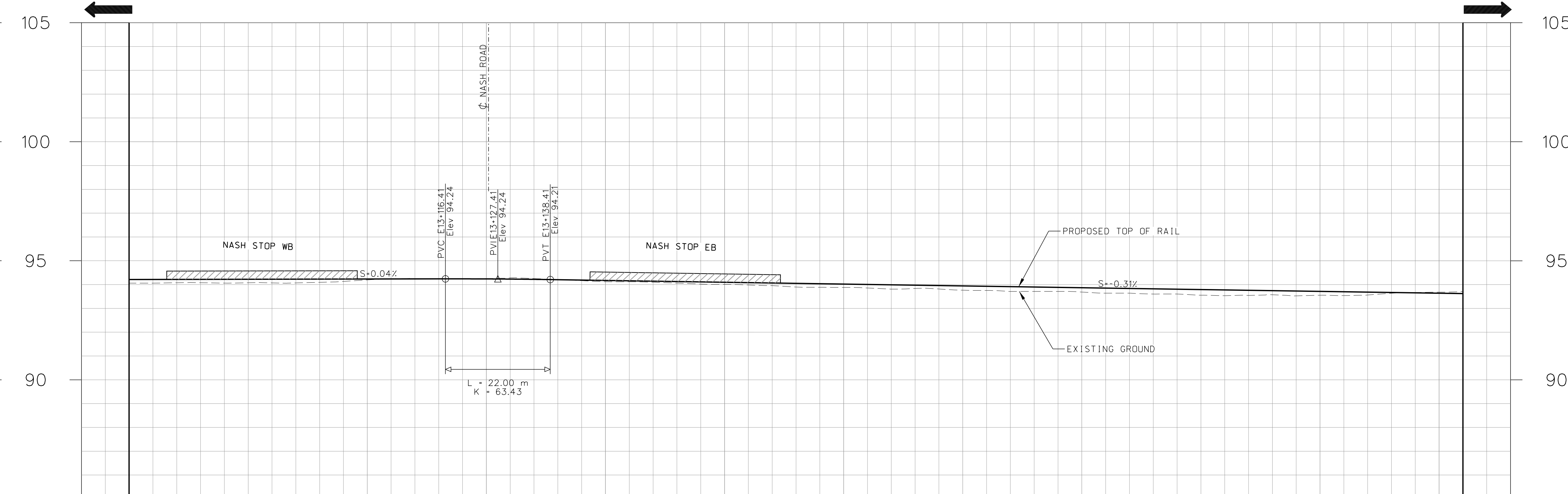
### LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- NO+000.00 STATIONING ON NB TRACK
- SO+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ← → EASTBOUND

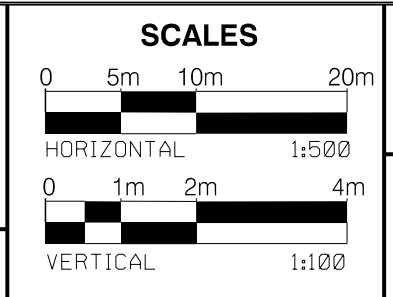


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

94.213	94.223	94.233	94.237	94.174	94.097	94.021	93.944	93.867	93.790	93.713	93.636	PROPOSED TOP OF RAIL PROFILE
94.060	94.076	94.196	94.255	94.121	94.009	93.881	93.763	93.685	93.555	93.552	93.683	EXISTING GROUND ELEVATION
E13+050	E13+075	E13+100	E13+125	E13+150	E13+175	E13+200	E13+225	E13+250	E13+275	E13+300	E13+325	DESIGN CL CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



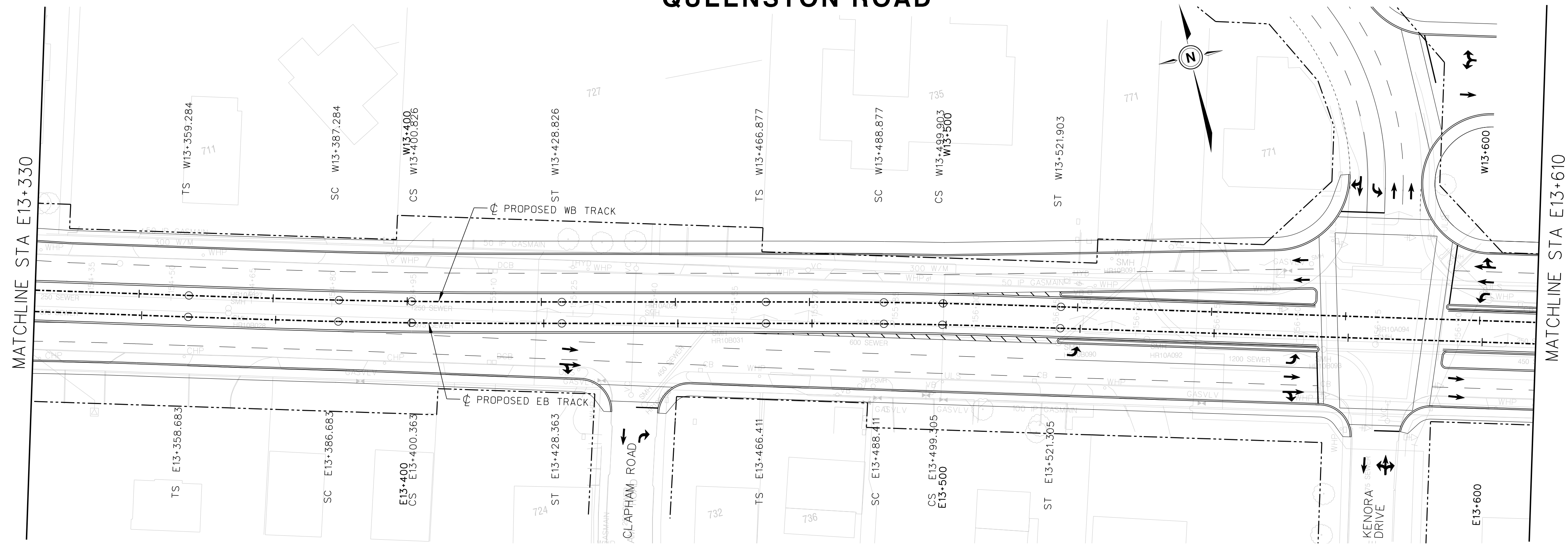
DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORGANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E13+050 TO STA E13+330

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# QUEENSTON ROAD



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC049

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

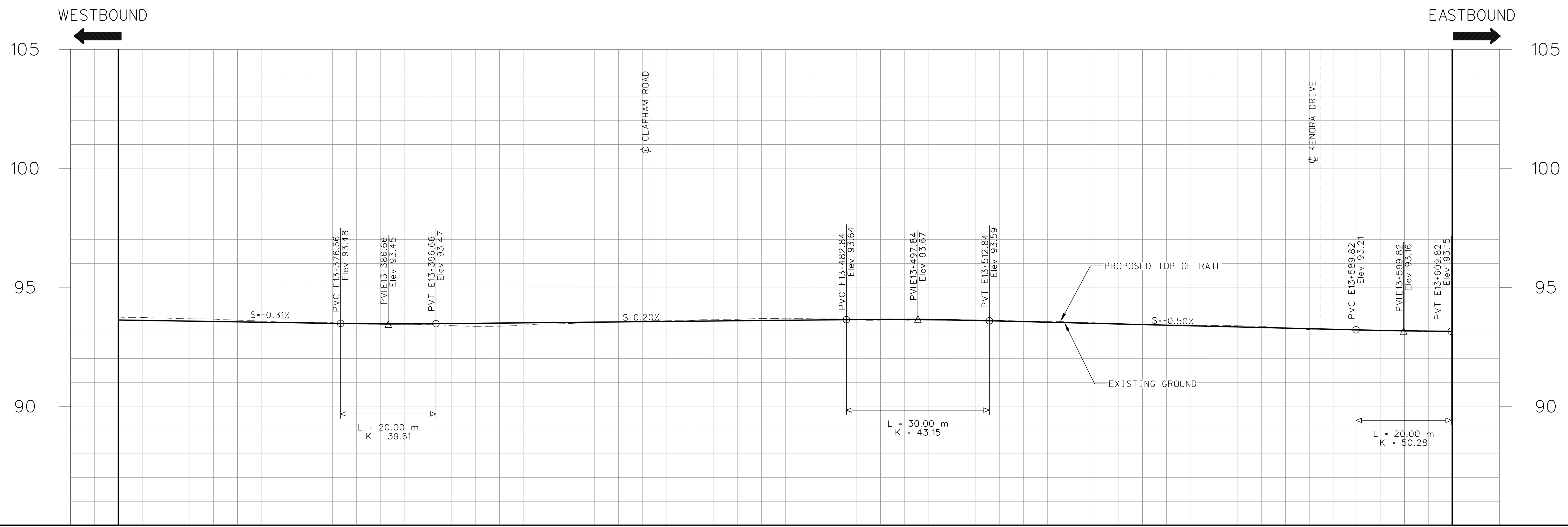


- LEGEND**
- LRT TRACK CENTRELINE
  - - - EXISTING PROPERTY LINE
  - PROPOSED TOP OF RAIL (PROFILE)
  - - - EXISTING GROUND LINE (PROFILE)
  - EAST BOUND TRACK USED AS REFERENCE LINE
  - E0+000.00 STATIONING ON EB TRACK
  - W0+000.00 STATIONING ON WB TRACK
  - N0+000.00 STATIONING ON NB TRACK
  - S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

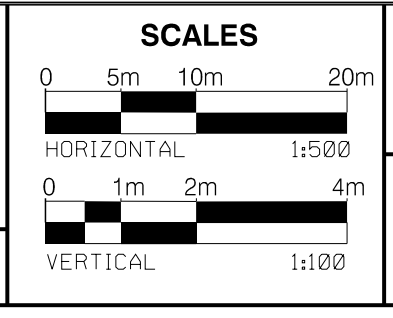
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



93.559	93.483	93.473	93.522	93.572	93.621	93.636	93.531	93.407	93.262	93.168	PROPOSED TOP OF RAIL PROFILE
93.658	93.509	93.391	93.477	93.602	93.679	93.646	93.560	93.420	93.287	93.154	EXISTING GROUND ELEVATION
E13+350	E13+375	E13+400	E13+425	E13+450	E13+475	E13+500	E13+525	E13+550	E13+575	E13+600	DESIGN $\phi$ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME  
 Manager of Design  
 NAME



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORDANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10



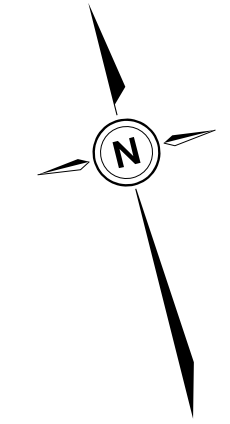
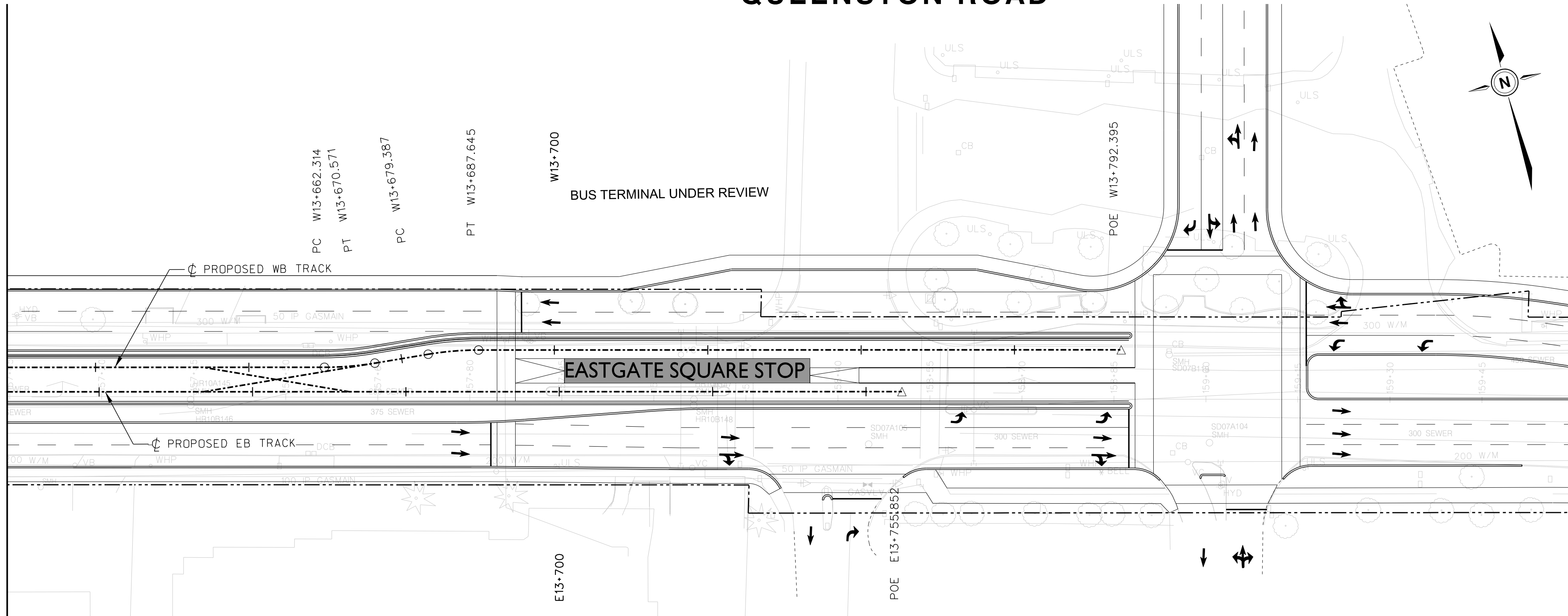
**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E13+330 TO STA E13+610

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# QUEENSTON ROAD

MATCHLINE STA E13+610

MATCHLINE SEE DWG No. RD-NC051



FILE No.	CONTRACT No. C11-12-10	SHEET No.
	DWG. No. HALRT-RD-NC050	

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**LEGEND**

- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

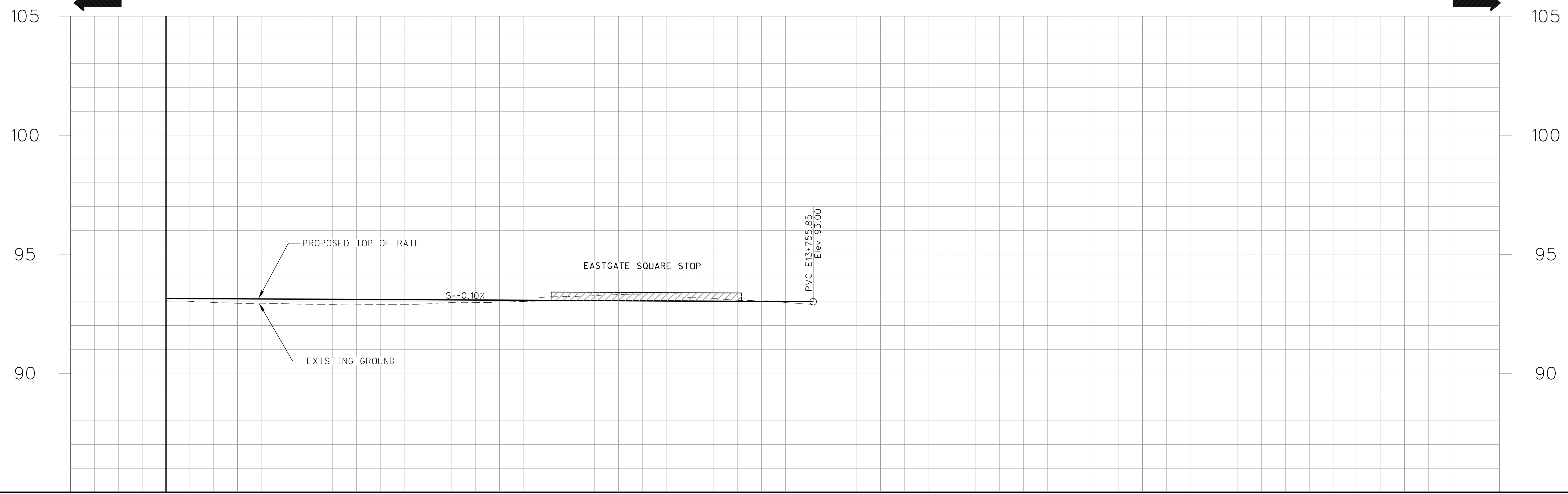
E0+000.00 STATIONING ON EB TRACK  
 W0+000.00 STATIONING ON WB TRACK  
 N0+000.00 STATIONING ON NB TRACK  
 S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ←

→ EASTBOUND



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

93.134	93.109	93.084	93.059	93.034	93.009	PROPOSED TOP OF RAIL PROFILE
93.016	92.893	92.913	93.200	93.323	92.972	EXISTING GROUND ELEVATION
E13+625	E13+650	E13+675	E13+700	E13+725	E13+750	DESIGN CL CHAINAGE EASTBOUND TRACK

p:\1617479-P\WINT\_aecomonline.local\AECOM\_DS02\_NA\Documents\60507521-Hamilton LRT TA\900 Work\910 CAD\01-EA PHASE\20-SHEETS\RTL\Track\HALRT-RD-NC050.dgn  
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No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -

Project Manager	NAME
Manager of Design	NAME
NAME	NAME

**SCALES**

HORIZONTAL 1:500  
 0 5m 10m 20m

VERTICAL 1:100  
 0 1m 2m 4m



DRAWN	JUAN WU
CHECKED	KATHLEEN GIORGANO
APPROVED	LIJUAN BANQU
DATE	2017/05/10

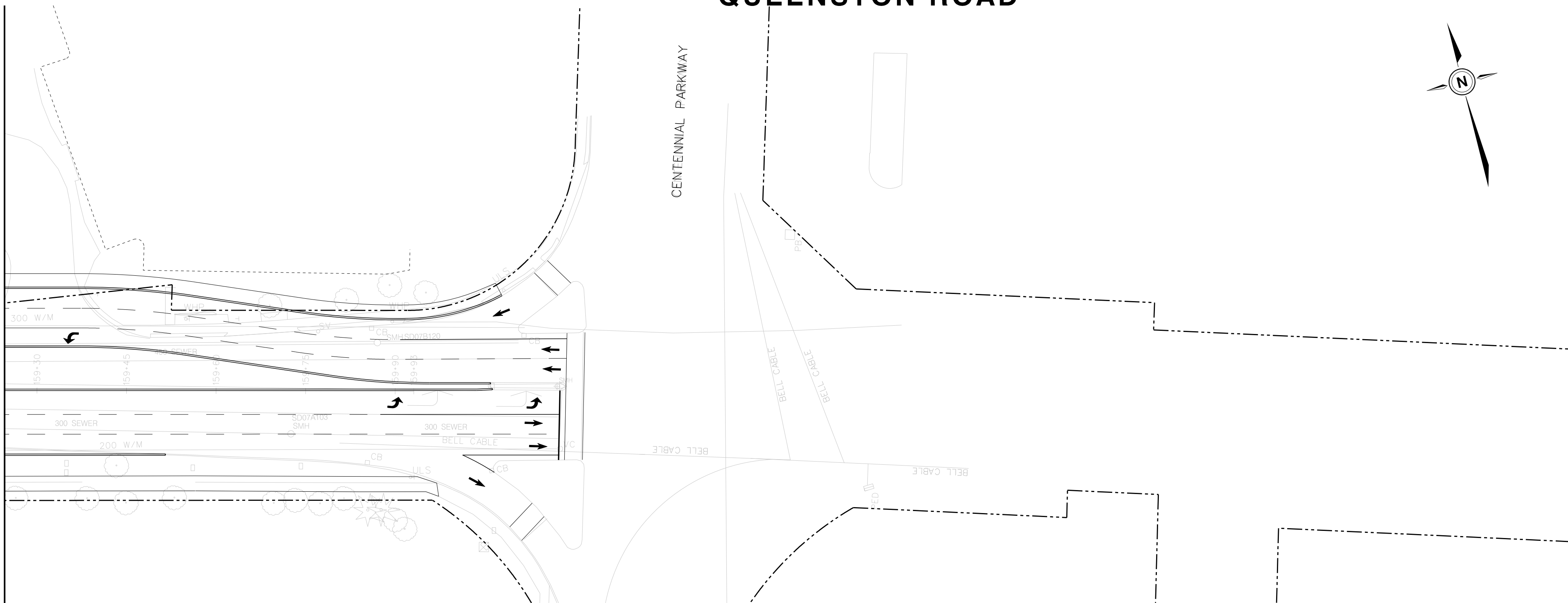


**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 STA E13+610 TO STA E13+756

# QUEENSTON ROAD

MATCHLINE SEE DWG No. RD-NC050



FILE No. CONTRACT No. C11-12-10 SHEET No.  
 DWG. No. HALRT-RD-NC051

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



### LEGEND

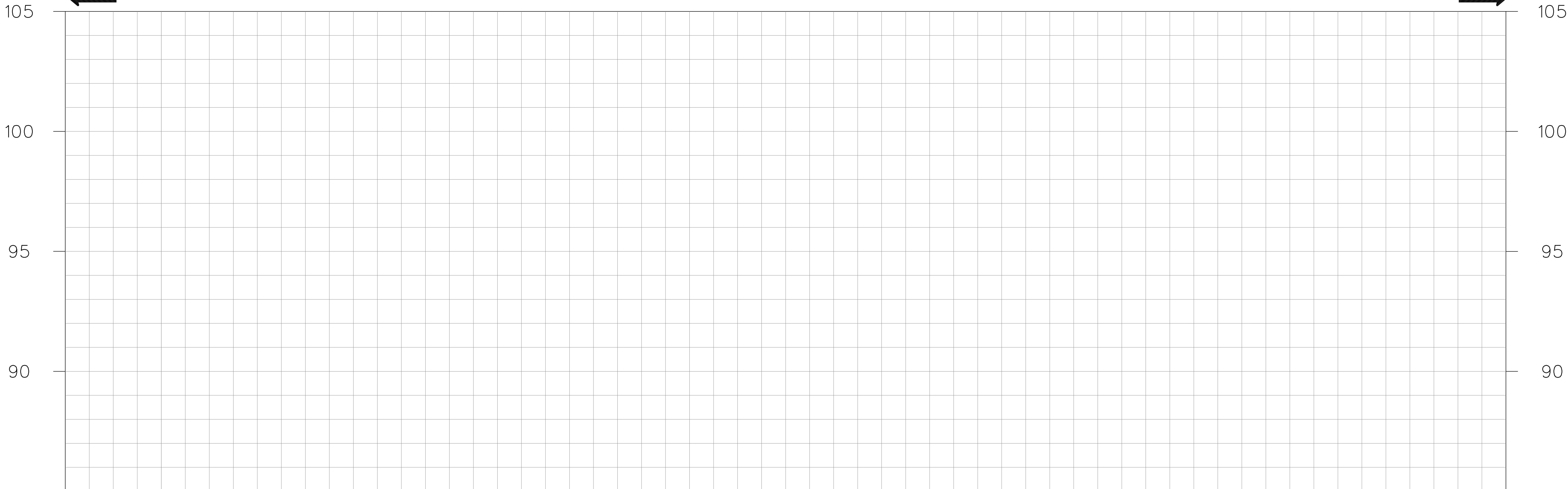
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

**NOT FOR CONSTRUCTION**

NOTES:

WESTBOUND ←

→ EASTBOUND



THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

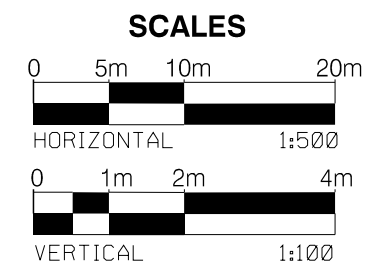
PROPOSED TOP OF RAIL PROFILE

EXISTING GROUND ELEVATION

DESIGN & CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)  
 0337HAM10002\_ALL\_v8.dgn (OCTOBER 7, 2010)  
 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -



Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

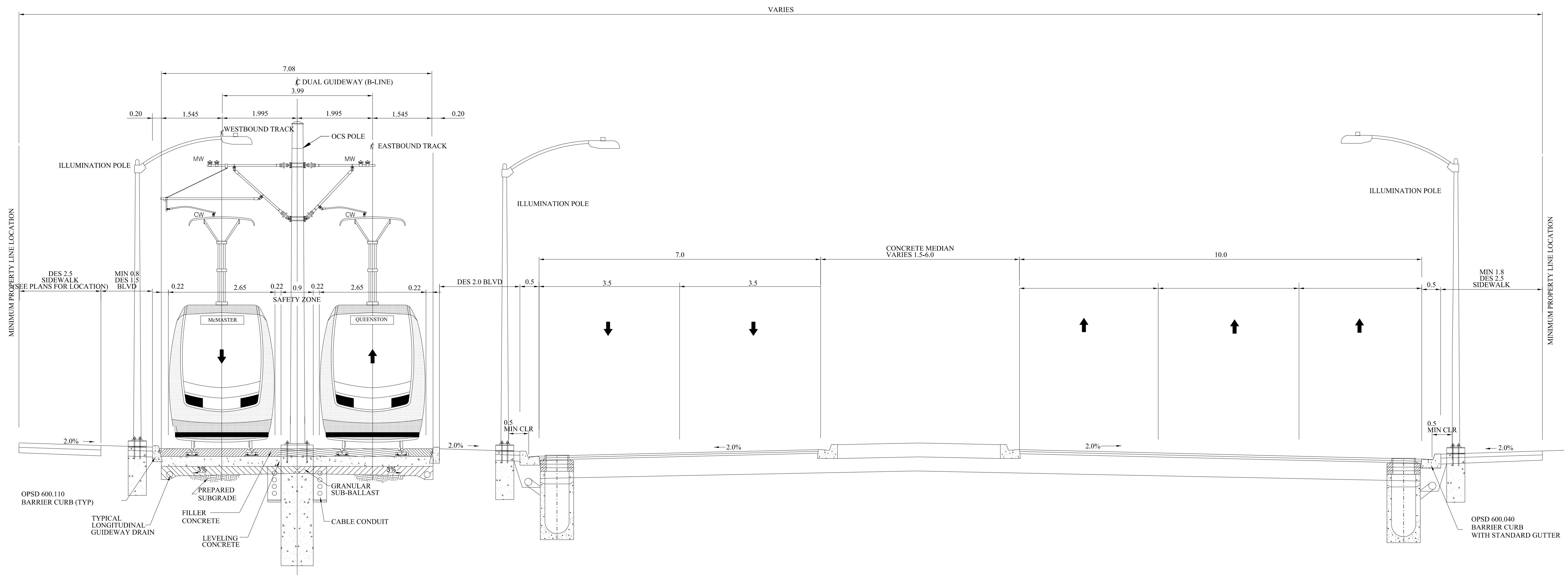


DRAWN: JUAN WU  
 CHECKED: KATHLEEN GIORDANO  
 APPROVED: LUIGIAN BANQU  
 DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
 PRELIMINARY DESIGN  
 PLAN AND PROFILE  
 EAST END

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**SIDE-RUNNING CROSS-SECTION  
MAIN STREET WEST WITH 3 EB TRAFFIC LANES  
AND 2 WB TRAFFIC LANES  
AT MCMASTER STOP**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

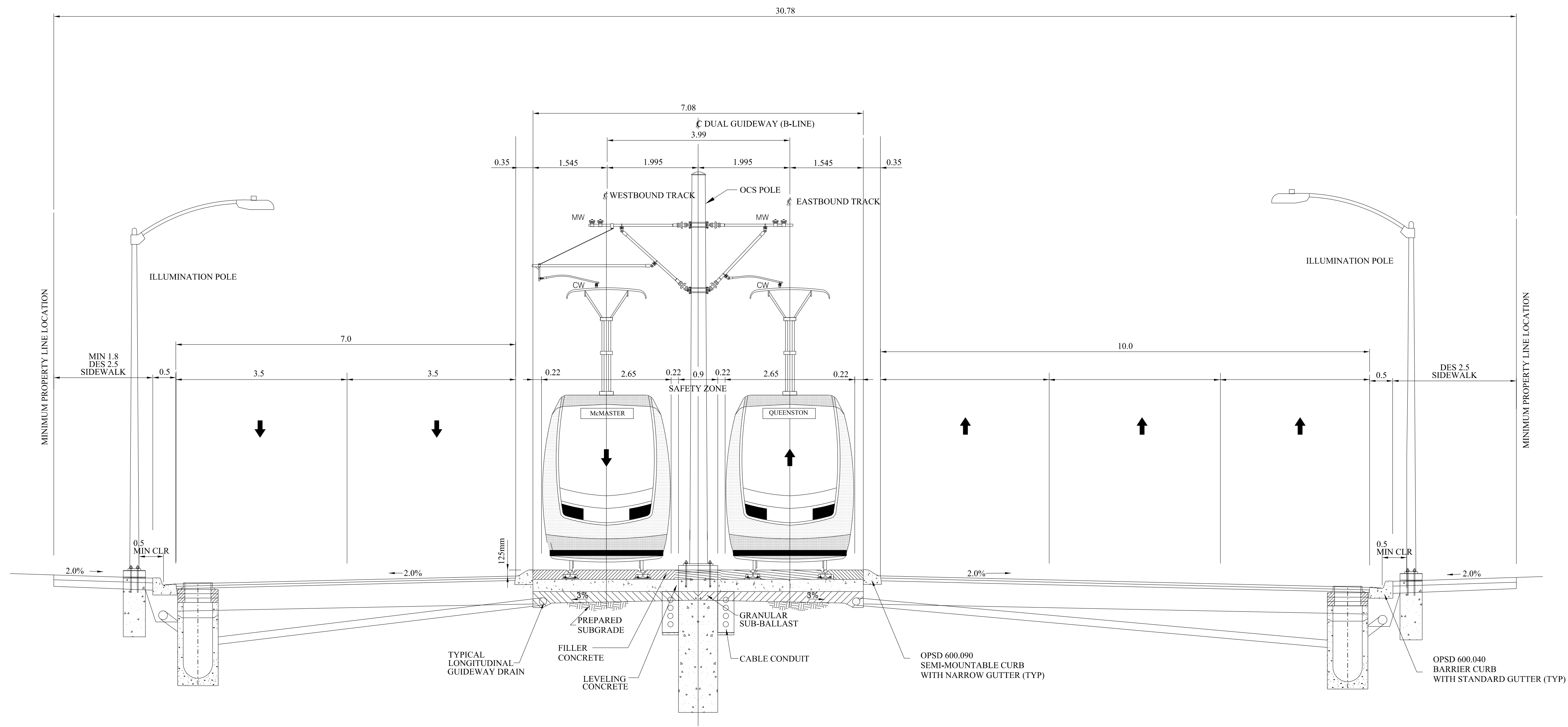
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No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

Survey Plan:	COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic:	Bench Mark Index Borehole Report -
Elevation=	

<b>SCALES</b>	Project Manager
NOT TO SCALE	NAME _____
	Manager of Design
	NAME _____

DRAWN	JUAN WU
CHECKED	KATHLEEN GIORDANO
APPROVED	LIJUAN BANQU
DATE	2017/05/10



**CENTRE-RUNNING CROSS-SECTION  
MAIN STREET WEST WITH 3 EB TRAFFIC LANES  
AND 2 WB TRAFFIC LANES  
DALEWOOD AVENUE TO PARADISE ROAD**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -

Project Manager	NAME _____
Manager of Design	NAME _____
NAME _____	

NOT TO SCALE

Project Manager

NAME \_\_\_\_\_

Manager of Design

NAME \_\_\_\_\_

DRAWN: JUAN WU

CHECKED: KATHLEEN GIORDANO

APPROVED: LUIGI BANCU

DATE: 2017/05/10

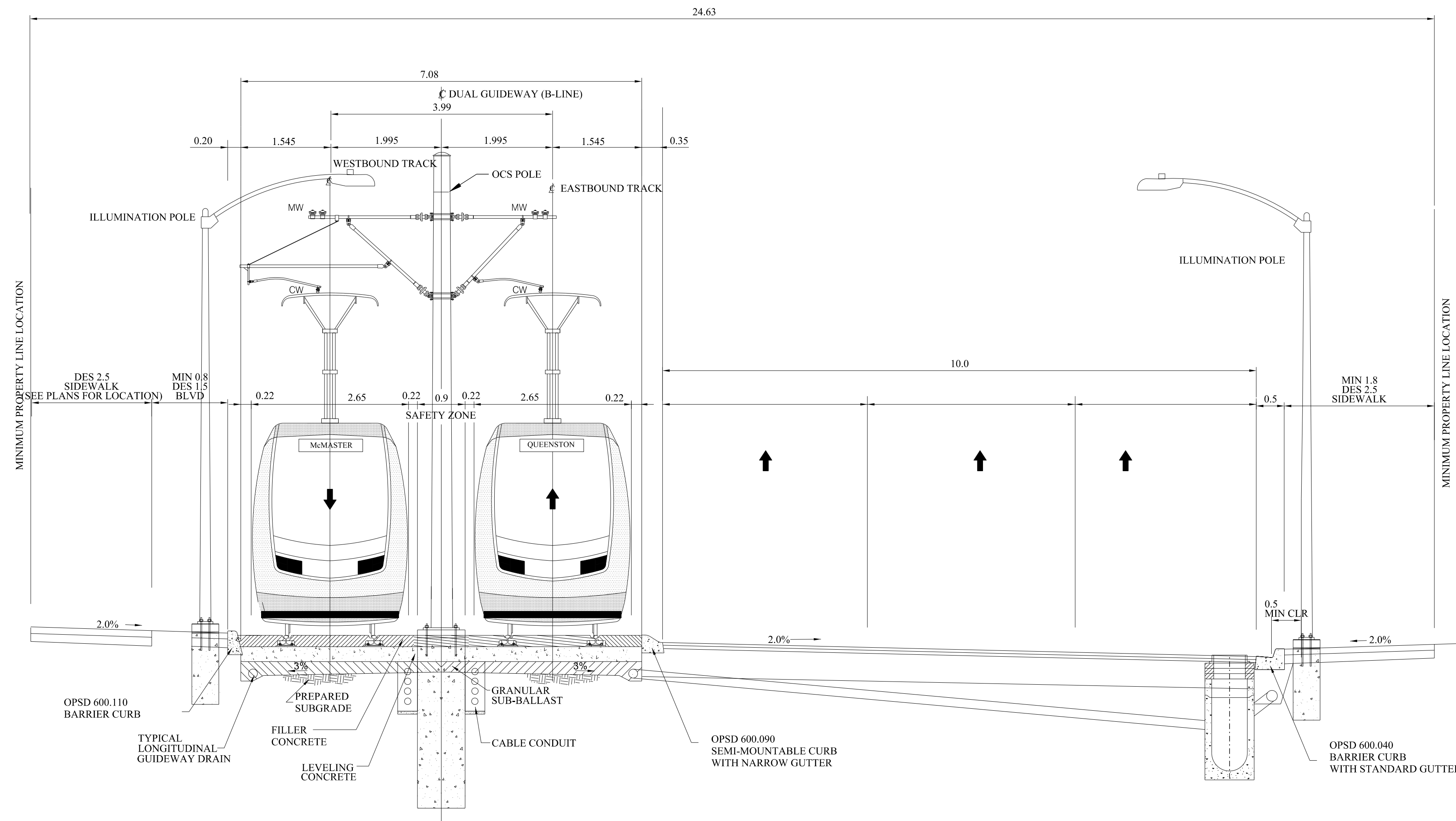
**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN

TYPICAL SECTIONS

2 OF 13

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



**SIDE-RUNNING CROSS-SECTION**  
**MAIN STREET WEST WITH 3 EB TRAFFIC LANES**  
**EAST OF PARADISE ROAD TO HWY 403 BRIDGE**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

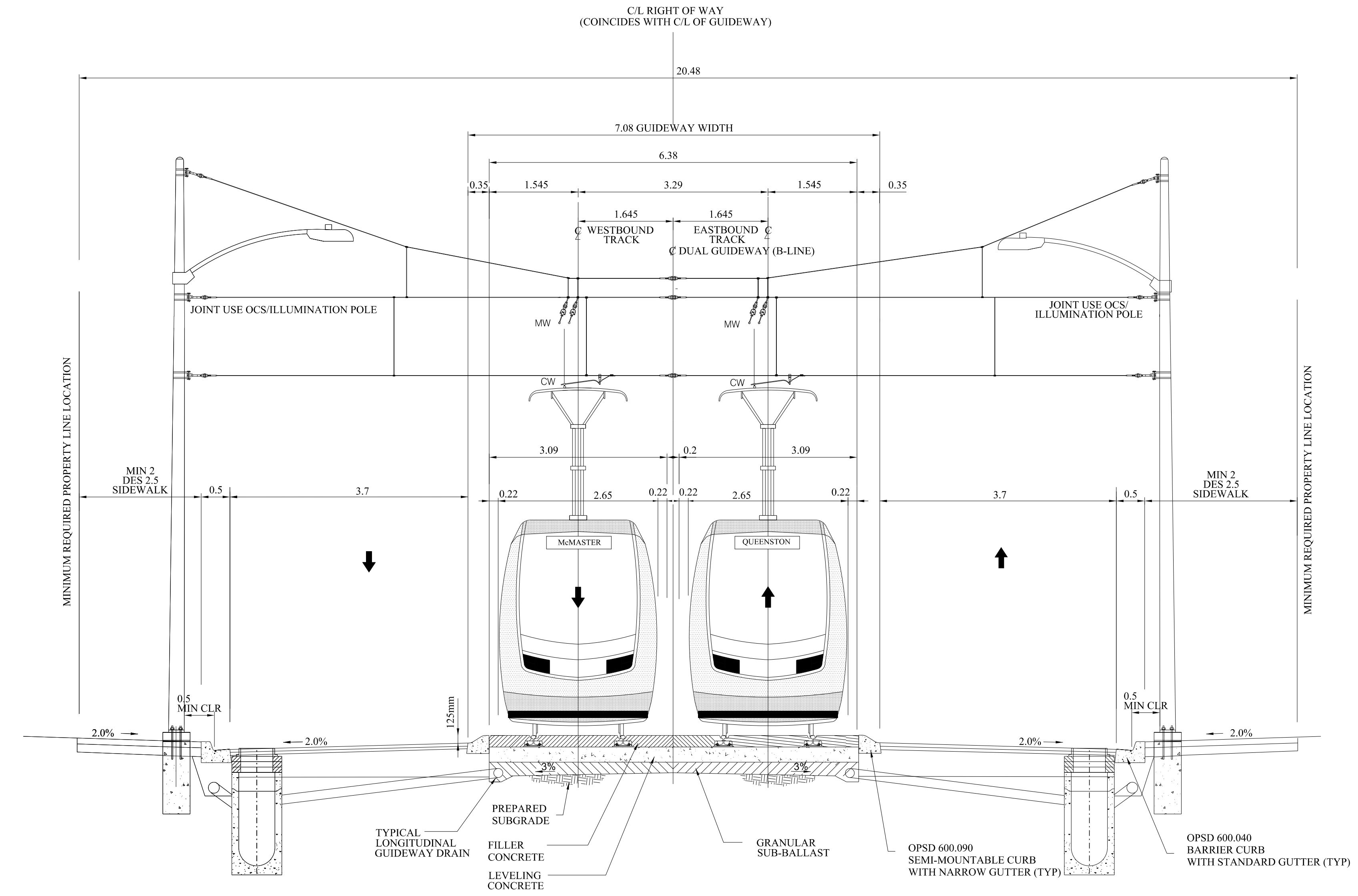
Survey Plan:	COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM10002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:	
Water Plan:	
Geodetic Bench Mark Index	Elevation=
Borehole Report	

<b>SCALES</b>	Project Manager
NOT TO SCALE	NAME _____
	Manager of Design
	NAME _____

	DRAWN	JUAN WU
	CHECKED	KATHLEEN GIORDANO
	APPROVED	LIJUAN BANQU
	DATE	2017/05/10

--	--	--

<b>HAMILTON LRT 'B' LINE</b> PRELIMINARY DESIGN TYPICAL SECTIONS 3 OF 13
---



**CENTRE-RUNNING CROSS-SECTION  
KING STREET, MAIN STREET EAST  
WITH ONE LANE IN EACH DIRECTION**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

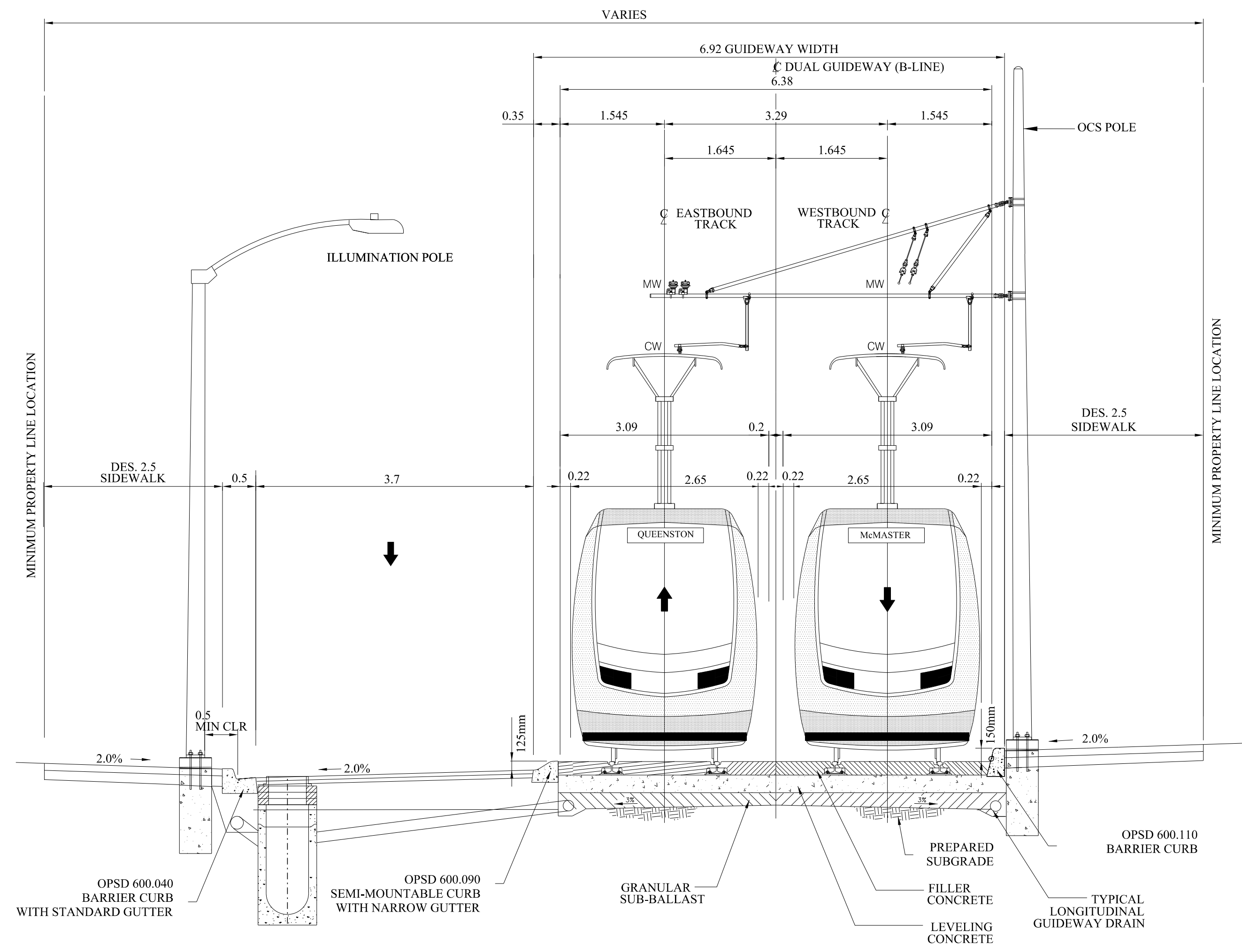
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No.	REVISIONS	INITIAL	DATE	REFERENCE MATERIAL:
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2	EA Amendment	LB	16/12/13	
3	EA Amendment	LB	17/05/10	Sewer Plan: Water Plan:

SCALES	Project Manager
NOT TO SCALE	NAME _____
	Manager of Design
	NAME _____

DRAWN	JUAN WU
CHECKED	KATHLEEN GIORDANO
APPROVED	LIJUAN BANQU
DATE	2017/05/10





**SIDE-RUNNING CROSS-SECTION  
KING STREET  
JAMES STREET TO JOHN STREET**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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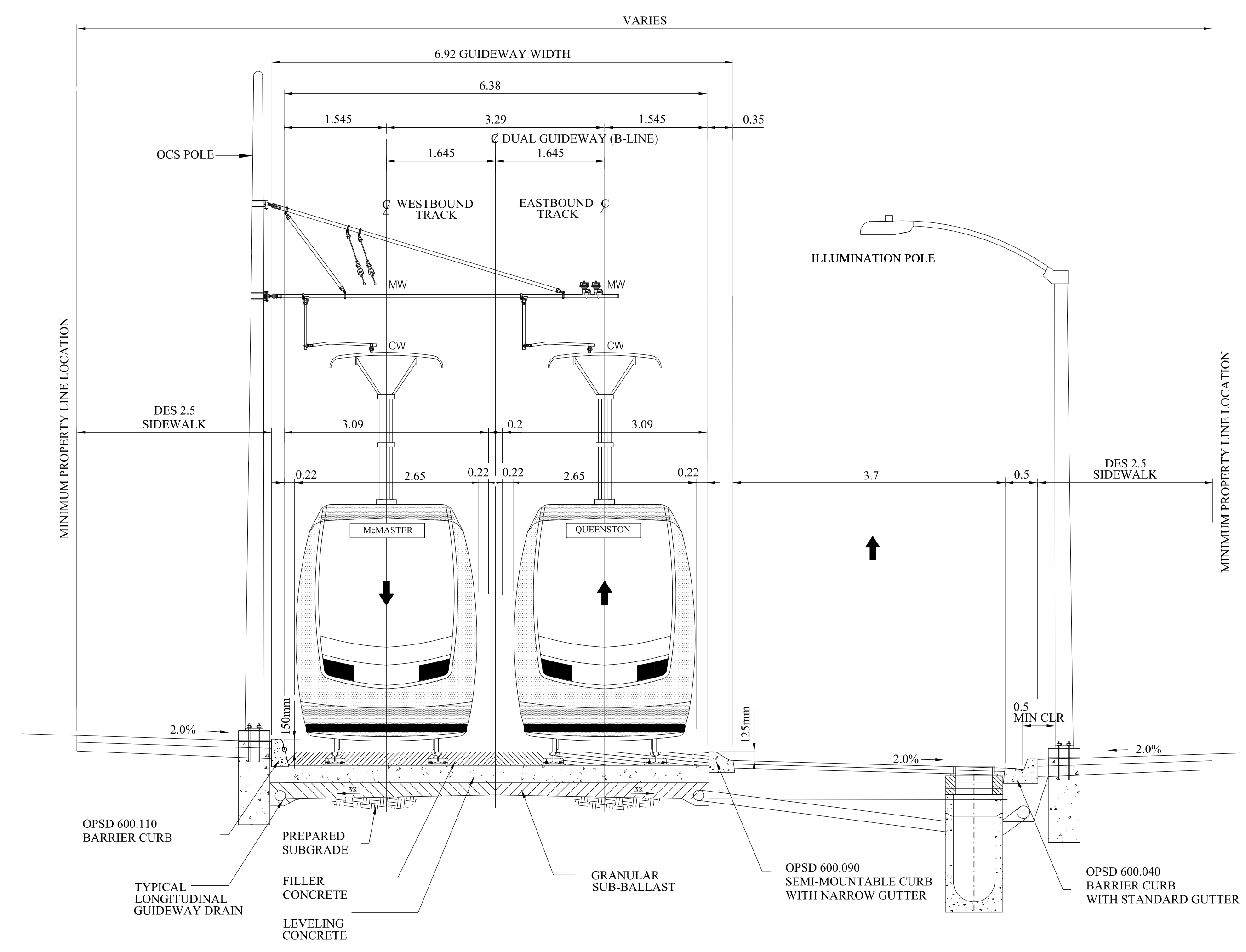
No.	REVISIONS	INITIAL	DATE	REFERENCE MATERIAL:
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1	EA Amendment	LH	16/11/14	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM0002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
2	EA Amendment	LB	16/12/13	
3	EA Amendment	LB	17/05/10	Sewer Plan: Water Plan:
				Geodetic: Bench Mark Index Borehole Report -

SCALES	Project Manager
NOT TO SCALE	NAME _____
	Manager of Design
	NAME _____

steer davies gleave

**AECOM** **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GIORDANO
APPROVED	LIJUAN BANQU
DATE	2017/05/10



**SIDE-RUNNING CROSS-SECTION  
KING STREET EAST INTERNATIONAL VILLAGE**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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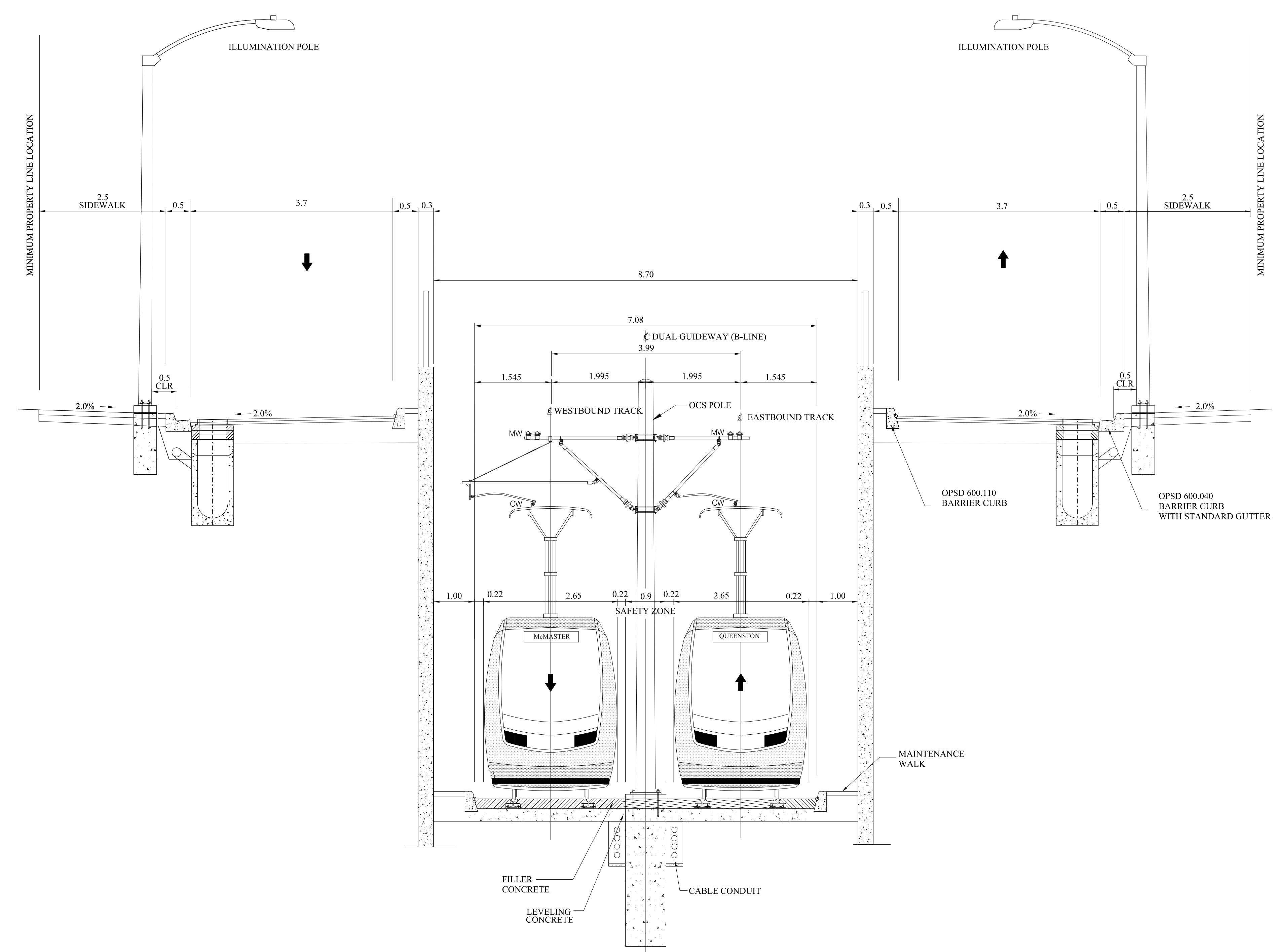
No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM0002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -
Elevation=

Project Manager	NAME _____
Manager of Design	NAME _____
NAME _____	

NOT TO SCALE

DRAWN: JUAN WU
CHECKED: KATHLEEN GORDANO
APPROVED: LUIGI BANOU
DATE: 2017/05/10



**TYPICAL CROSS-SECTION  
RAILWAY CROSSING - APPROACH RAMP**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM0002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -
Elevation=

Project Manager	NAME
Manager of Design	NAME
NAME	

NOT TO SCALE

Project Manager

NAME

Manager of Design

NAME

steer davies gleave

**AECOM** **DIALOG**

DRAWN: JUAN WU

CHECKED: KATHLEEN GIORIANO

APPROVED: LUIGI BANCU

DATE: 2017/05/10

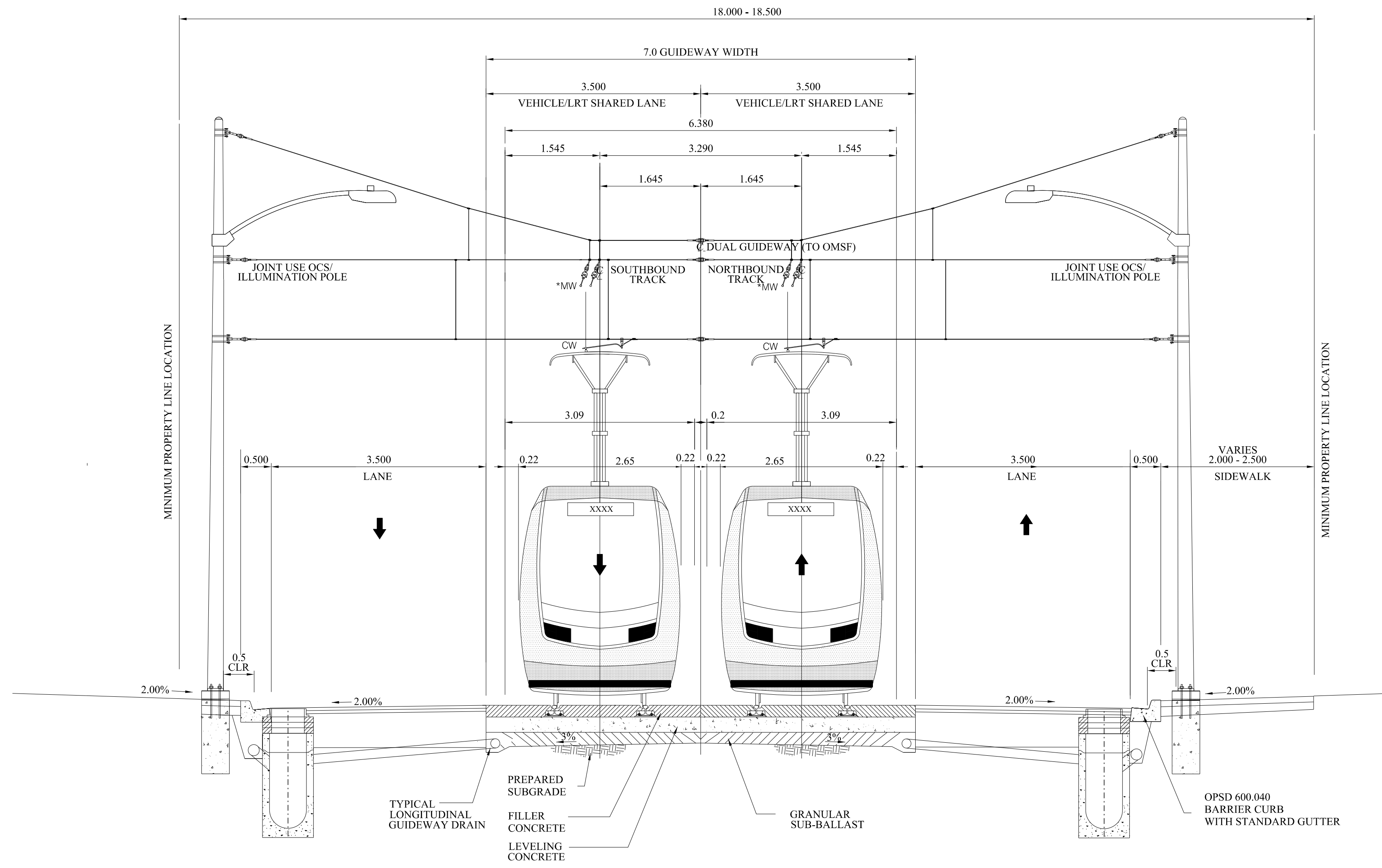
Hamilton **LRT** LIGHT RAIL TRANSIT **METROLINX**

**HAMILTON LRT 'B' LINE**

PRELIMINARY DESIGN

TYPICAL SECTIONS

7 OF 13



**SHARED-RUNNING CROSS-SECTION  
LONGWOOD SOUTH TO OMSF**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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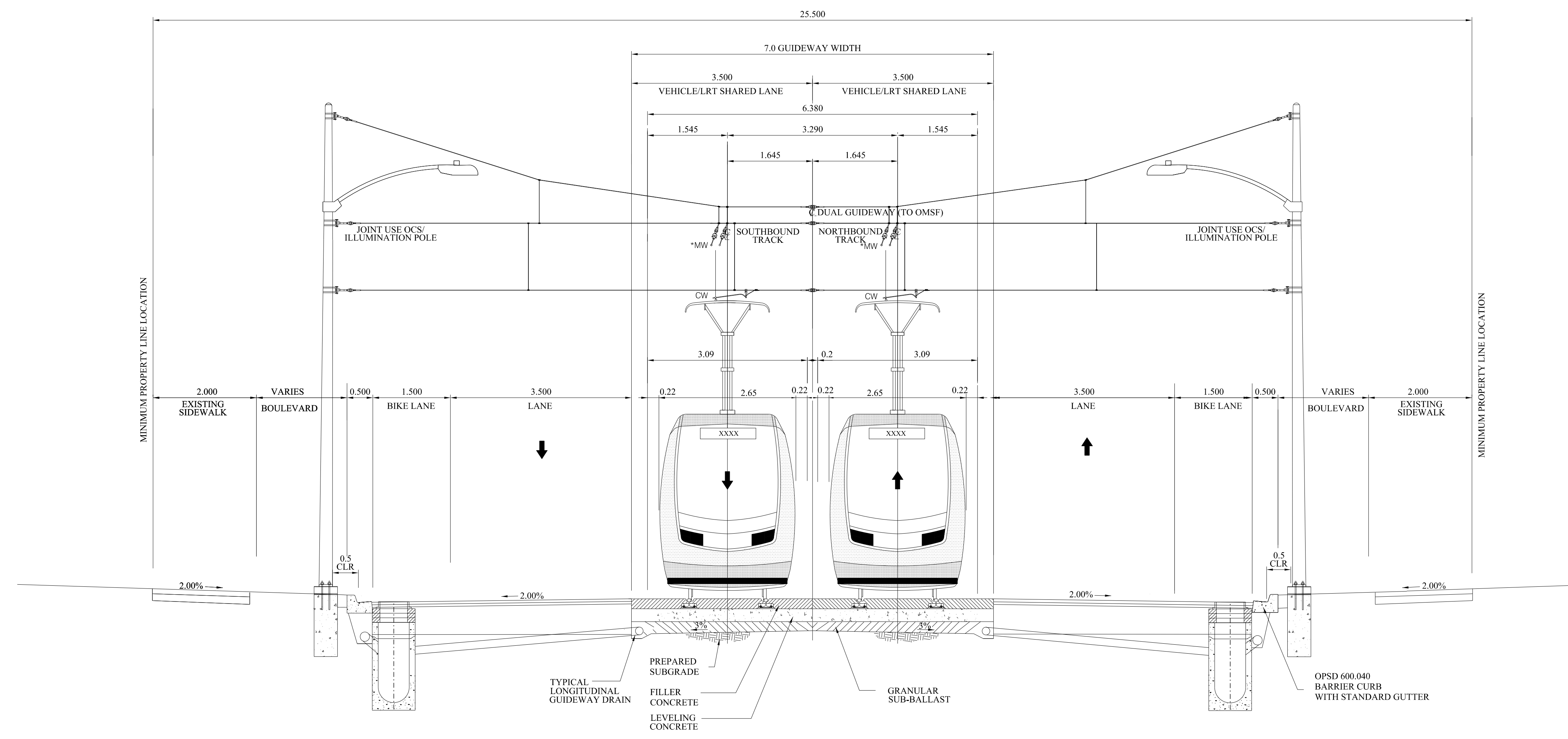
No.	REVISIONS	INITIAL	DATE
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM0002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -
Elevation=

Project Manager	NAME _____
Manager of Design	NAME _____
NAME	NAME _____

NOT TO SCALE

DRAWN: JUAN WU
CHECKED: KATHLEEN GORDANO
APPROVED: LUIGI BANCU
DATE: 2017/05/10



**SHARED-RUNNING CROSS-SECTION  
ON EXISTING FRID STREET**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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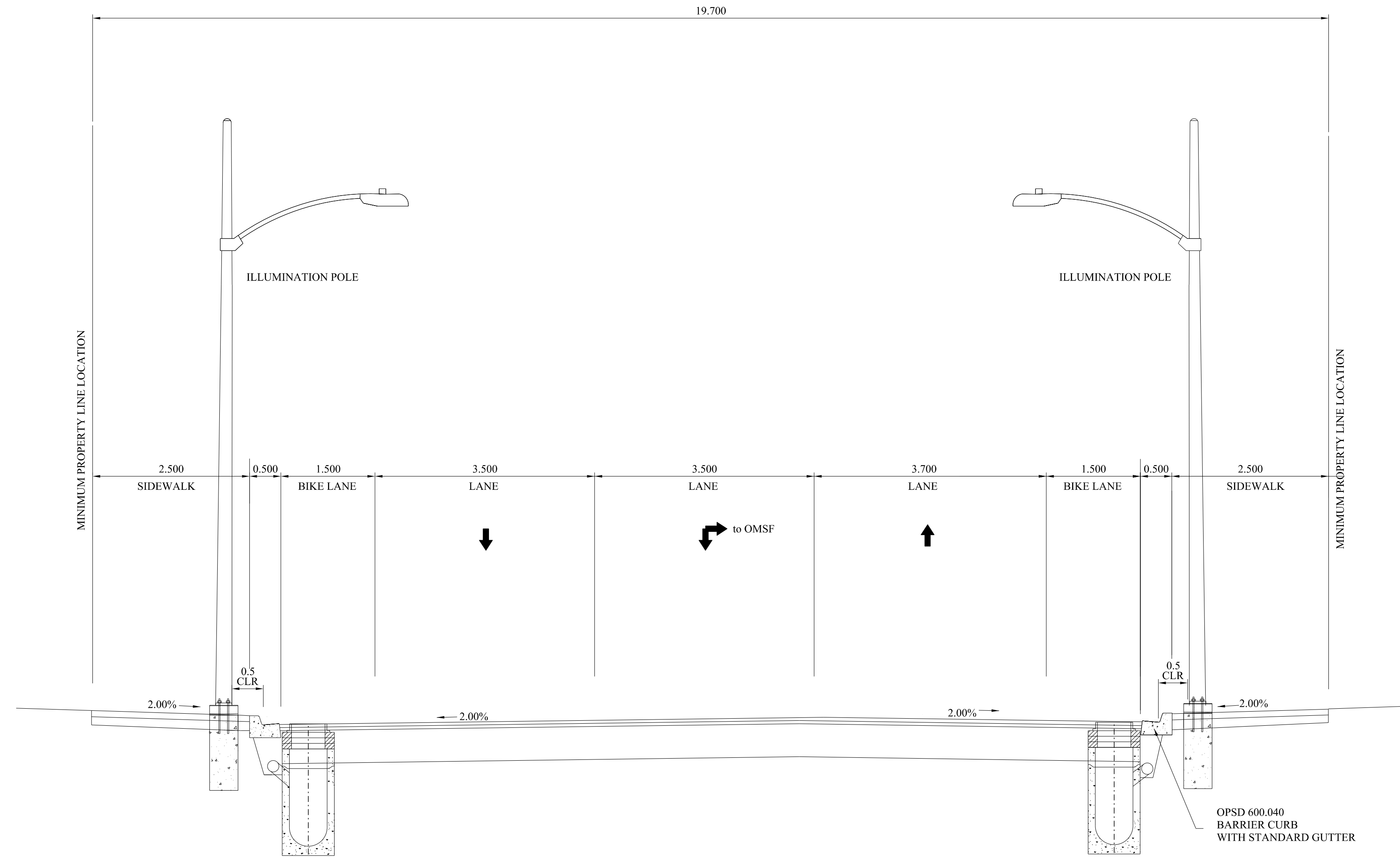
No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:
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Sewer Plan:
Water Plan:
Geodetic: Bench Mark Index
Borehole Report -

Project Manager	NAME _____
Manager of Design	NAME _____
NAME _____	

NOT TO SCALE

DRAWN: JUAN WU
CHECKED: KATHLEEN GORDANO
APPROVED: LUIGI BANCU
DATE: 2017/05/10



**FRID STREET EXTENSION**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

REFERENCE MATERIAL:  
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 basemap2.dwg (MAY 19, 2011)  
 Sewer Plan:  
 Water Plan:  
 Geodetic: Bench Mark Index  
 Borehole Report -

Project Manager  
 NAME \_\_\_\_\_  
 Manager of Design  
 NAME \_\_\_\_\_

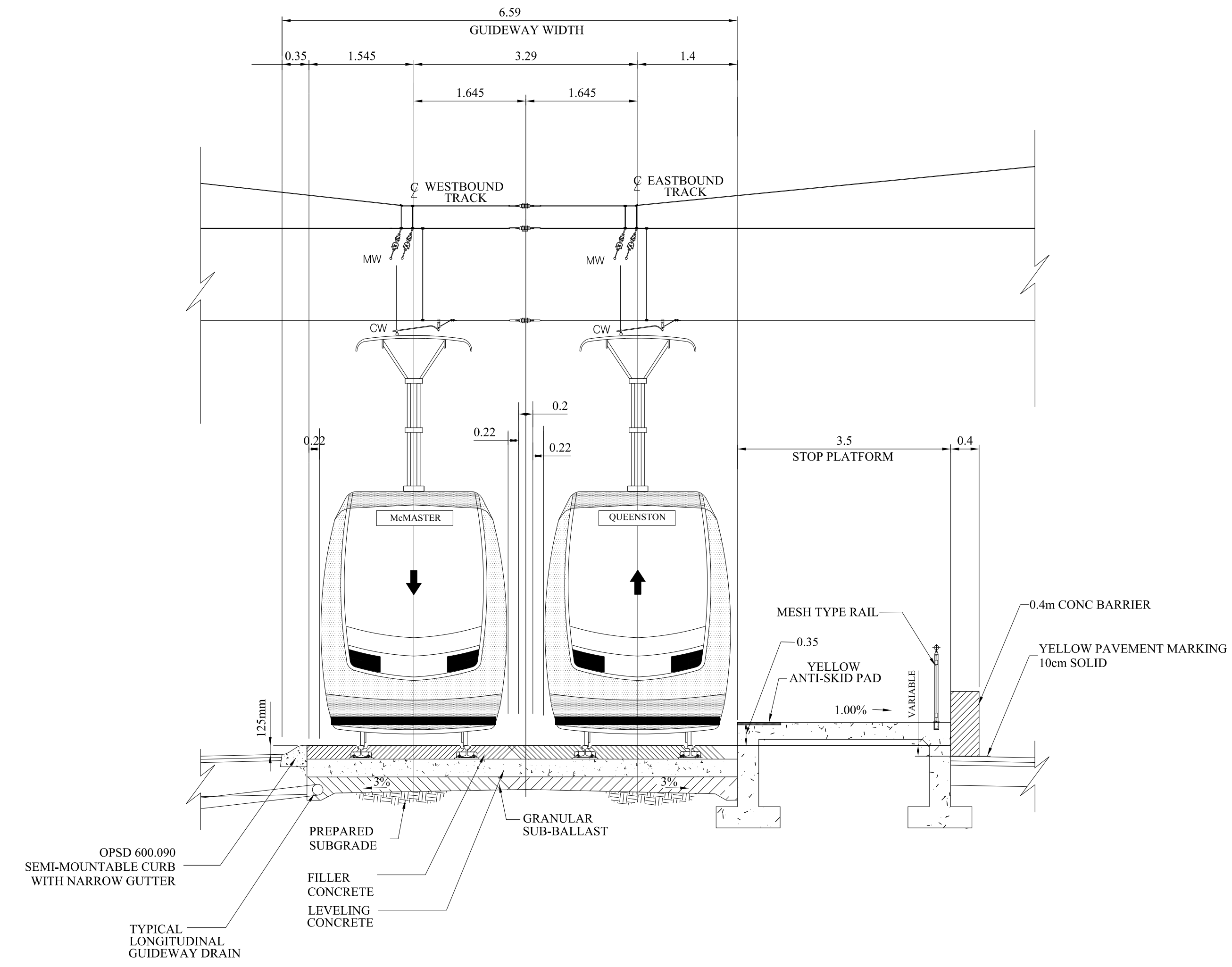
SCALES  
 NOT TO SCALE



DRAWN: JUAN WU  
 CHECKED: KATHLEEN GORDANO  
 APPROVED: LUIGI BANCU  
 DATE: 2017/05/10



**HAMILTON LRT 'MSF' LINE**  
 PRELIMINARY DESIGN  
 TYPICAL SECTIONS  
 10 OF 13



**TYPICAL FAR-SIDE STOP PLATFORM**  
TRACK CENTRES 3.29 m

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

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Sewer Plan:	
Water Plan:	
Geodetic: Bench Mark Index	Elevation=
Borehole Report -	

Project Manager	NAME _____
Manager of Design	NAME _____
NAME	NAME _____

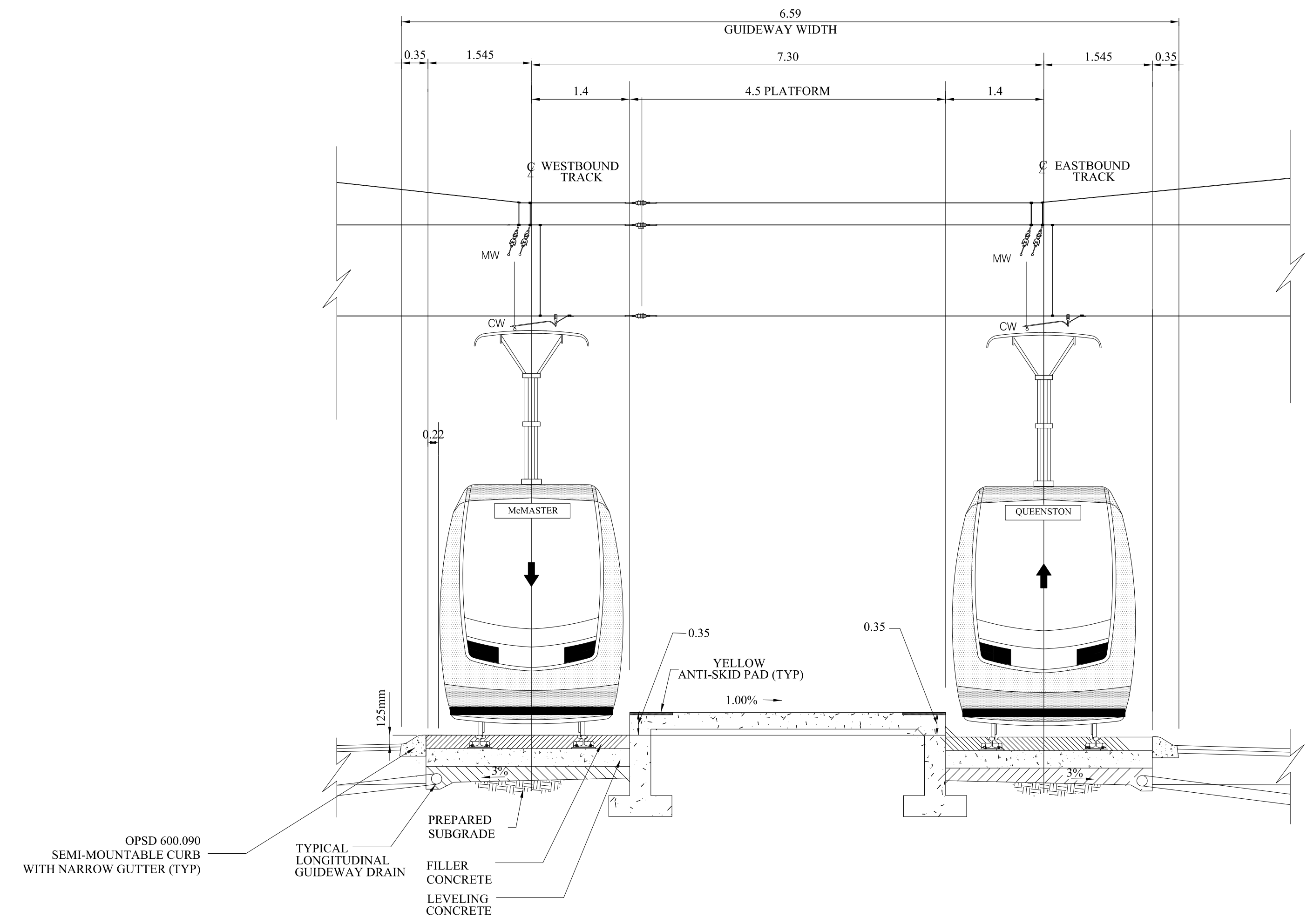
NOT TO SCALE

steer davies gleave  
**AECOM** **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GIORDANO
APPROVED	LIJUAN BANQU
DATE	2017/05/10







TYPICAL CENTRE STOP PLATFORM

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13
3	EA Amendment	LB	17/05/10

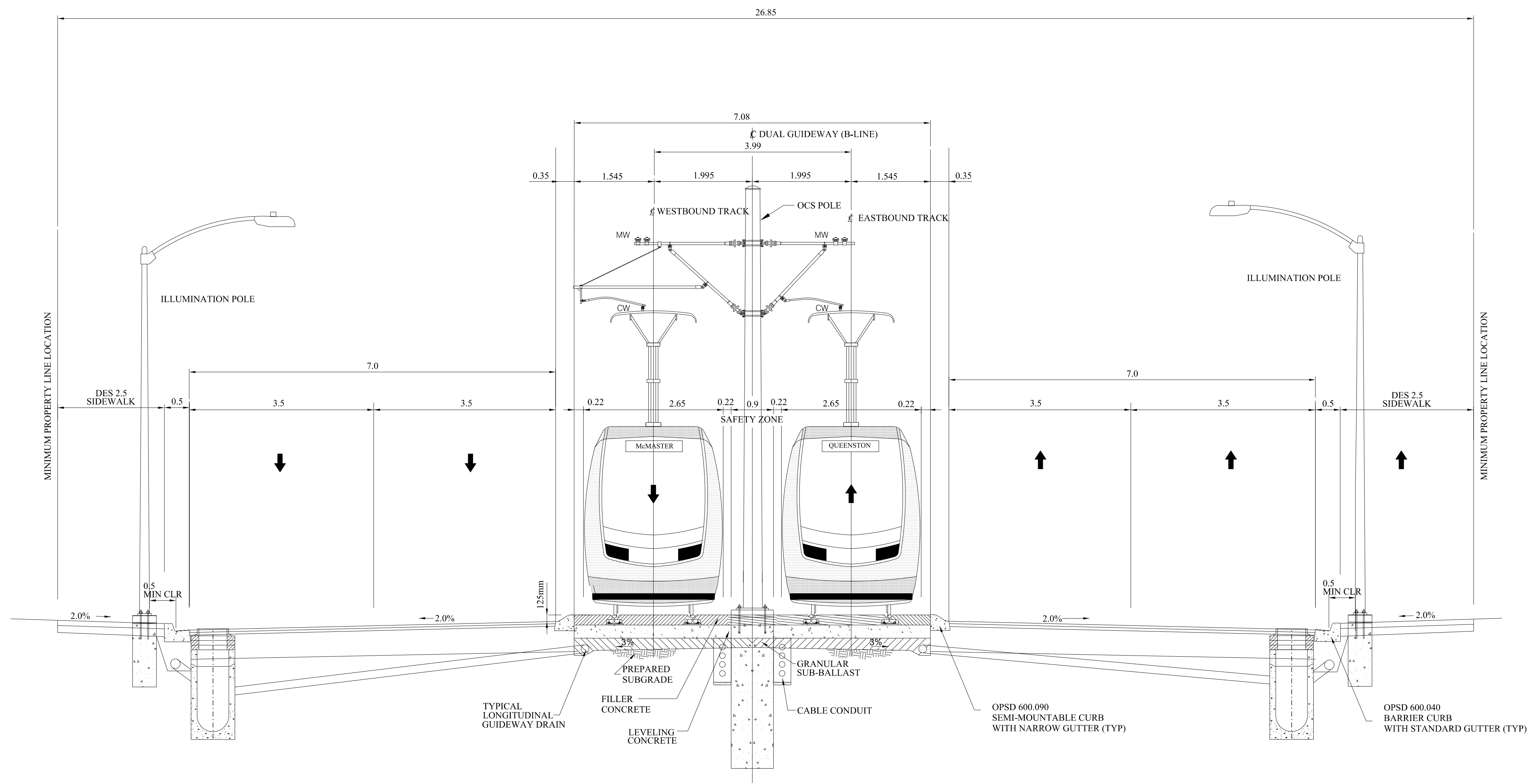
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Sewer Plan: Water Plan:
Geodetic: Bench Mark Index Borehole Report -

Project Manager	NAME _____
Manager of Design	NAME _____
NAME _____	

steer davies gleave  
**AECOM** **DIALOG**

DRAWN: JUAN WU
CHECKED: KATHLEEN GIORDANO
APPROVED: LUIGI BANCU
DATE: 2017/05/10





**CENTRE-RUNNING CROSS-SECTION  
QUEENSTON ROAD WITH 2 EB TRAFFIC LANES  
AND 2 WB TRAFFIC LANES  
MAIN STREET EAST TO CENTENNIAL PARKWAY**

THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

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No.	REVISIONS	INITIAL	DATE
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Water Plan:
Geodetic: Bench Mark Index
Borehole Report -
Elevation=

Project Manager	NAME _____
Manager of Design	NAME _____
NAME _____	

SCALES  
NOT TO SCALE



DRAWN: JUAN WU
CHECKED: KATHLEEN GORDANO
APPROVED: LUQIAN BANQU
DATE: 2017/05/10



**HAMILTON LRT 'B' LINE**  
PRELIMINARY DESIGN  
TYPICAL SECTIONS  
13 OF 13