

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

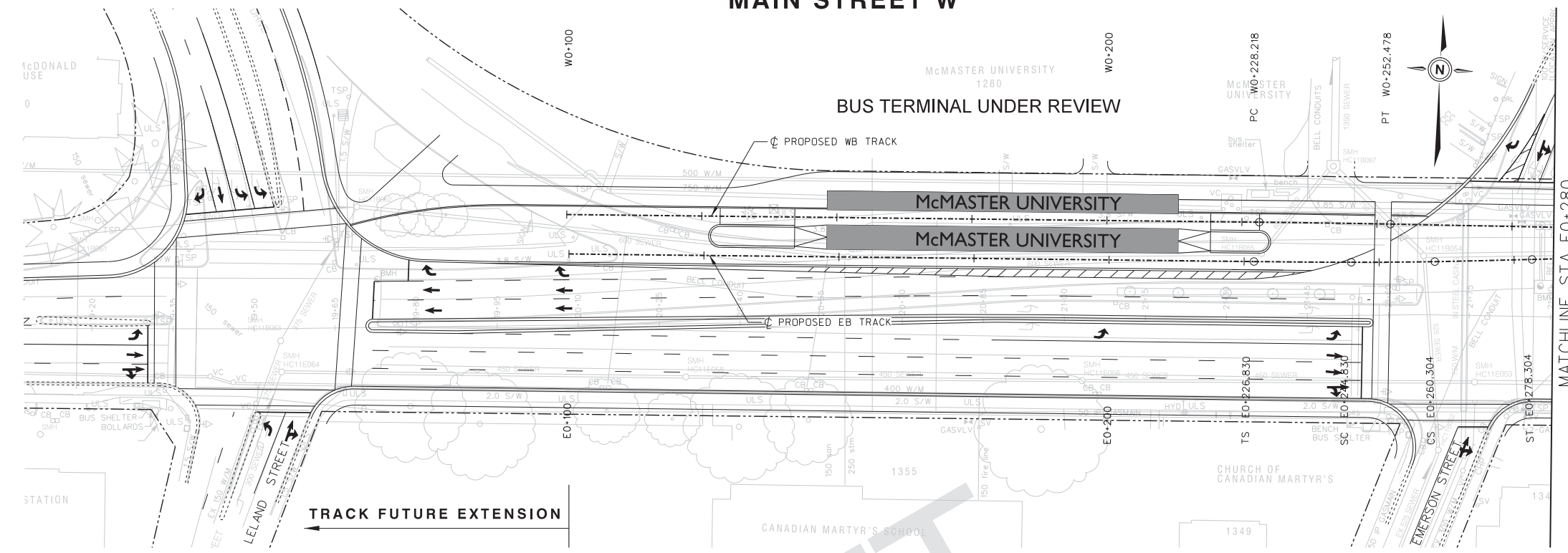


LEGEND

- 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

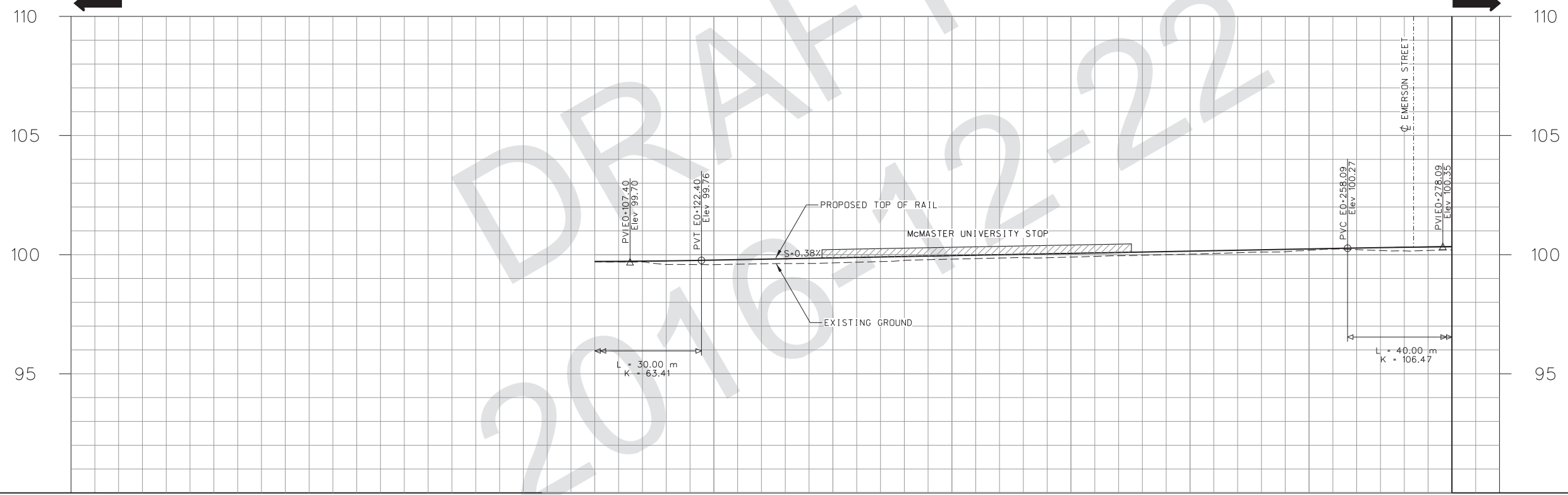
NOT FOR CONSTRUCTION

NOTES:



WESTBOUND

EASTBOUND



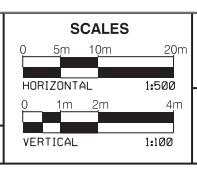
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

99.699	99.580	99.655	99.811	99.898	100.022	100.183	100.174	PROPOSED TOP OF RAIL PROFILE
99.716	99.771	99.864	99.958	100.052	100.146	100.240	100.321	EXISTING GROUND ELEVATION
EO+100	EO+125	EO+150	EO+175	EO+200	EO+225	EO+250	EO+275	DESIGN ϕ CHAINAGE EASTBOUND TRACK

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC001.dgn
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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

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 EO+000 TO STA EO+280

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

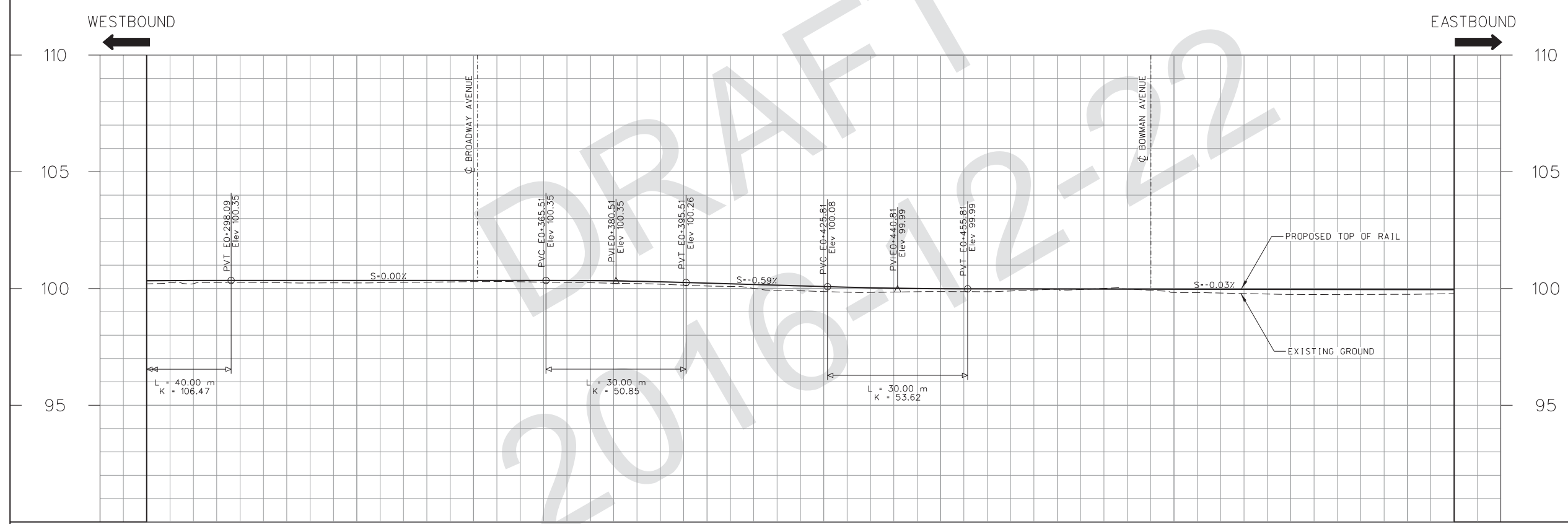
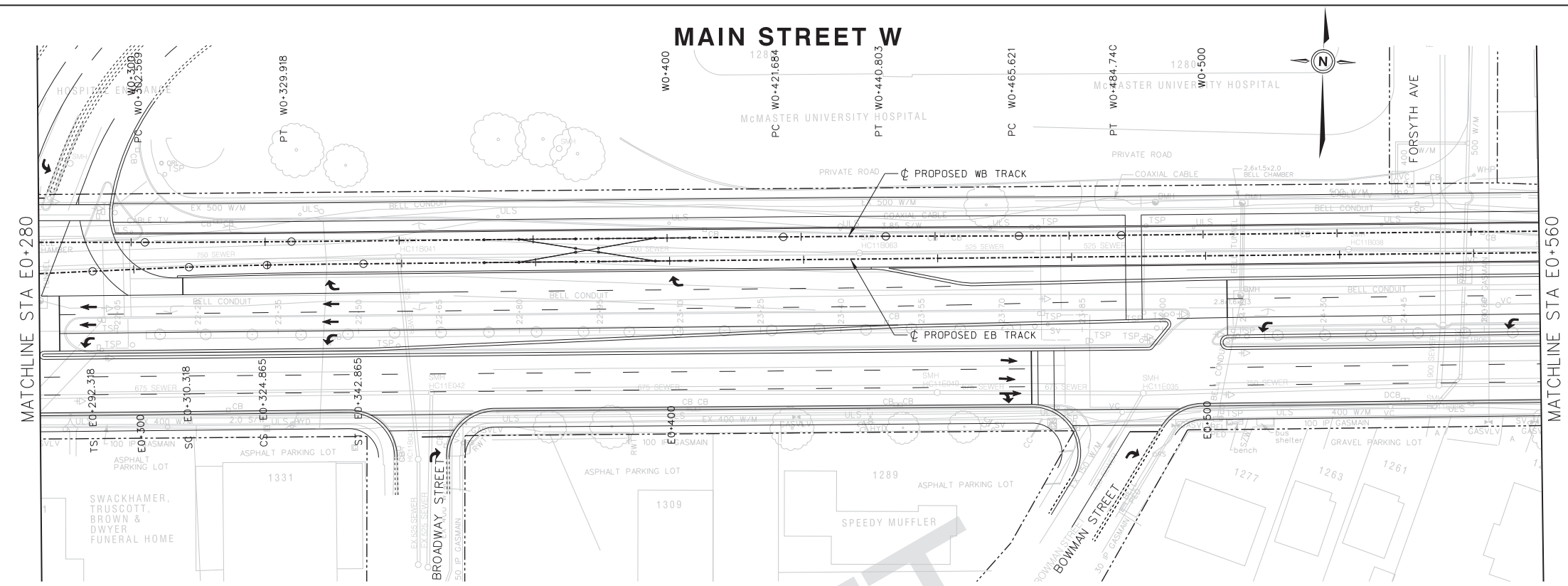
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- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE

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

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100.262	100.239	100.294	100.246	100.107	99.870	99.870	99.974	99.827	99.748	99.751	PROPOSED TOP OF RAIL PROFILE
100.346	100.346	100.346	100.337	100.231	100.083	99.990	99.979	99.972	99.964	99.957	EXISTING GROUND ELEVATION
EO+300	EO+325	EO+350	EO+375	EO+400	EO+425	EO+450	EO+475	EO+500	EO+525	EO+550	DESIGN CL CHAINAGE EASTBOUND TRACK

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

Project Manager

NAME _____

Manager of Design

NAME _____

SCALES

HORIZONTAL 1:500

VERTICAL 1:100

AECOM **DIALOG**

steer davis gleave

DRAWN: JUAN WU

CHECKED: KATHLEEN GIORGANO

APPROVED: LUIGI BANQUO

DATE: 2016/12/13

Hamilton Public Works

RAPIDTransit moving HAMILTON forward

METROLINX An agency of the Government of Ontario

HAMILTON LRT 'B' LINE

PRELIMINARY DESIGN

PLAN AND PROFILE

STA EO+280 TO STA EO+560

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RT_L_Track\HALRT-RD-NC002.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

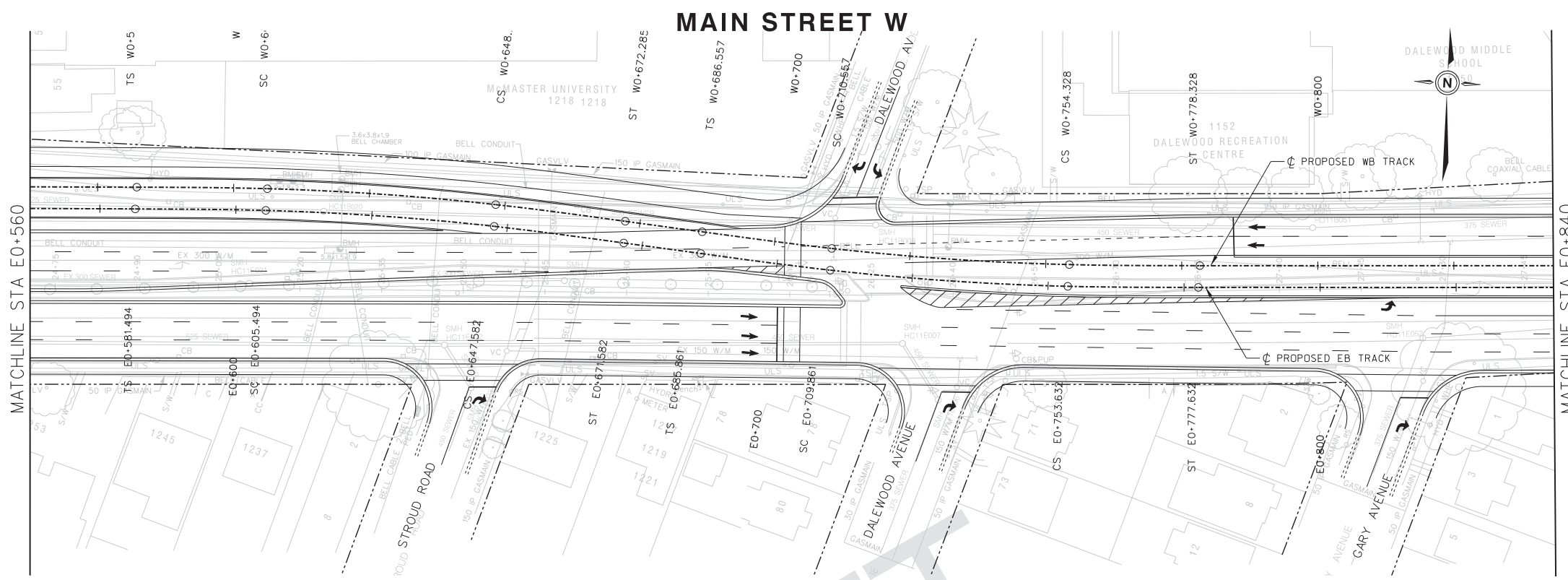
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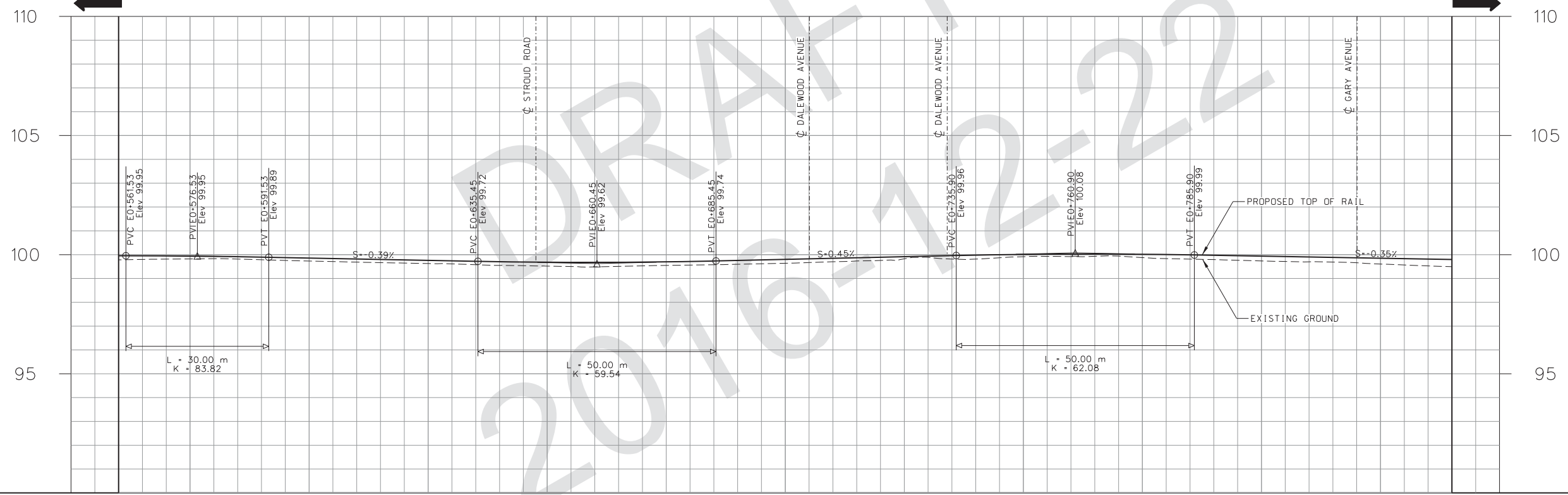
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WESTBOUND ← → EASTBOUND



99.821	99.732	99.626	99.519	99.548	99.638	99.825	99.916	99.877	99.735	99.607	PROPOSED TOP OF RAIL PROFILE
99.938	99.857	99.760	99.681	99.697	99.801	99.914	100.011	100.016	99.937	99.849	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	DESIGN CL CHAINAGE EASTBOUND TRACK

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

Project Manager	NAME
Manager of Design	NAME
NAME	NAME

SCALES

0 5m 10m 20m

HORIZONTAL 1:500

0 1m 2m 4m

VERTICAL 1:100

AECOM **DIALOG**

steer davis gleave

Project Manager
 NAME
 Manager of Design
 NAME

Hamilton Public Works

RAPIDTransit moving HAMILTON forward

METROLINX
 An agency of the Government of Ontario

HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E0+560 TO STA E0+840

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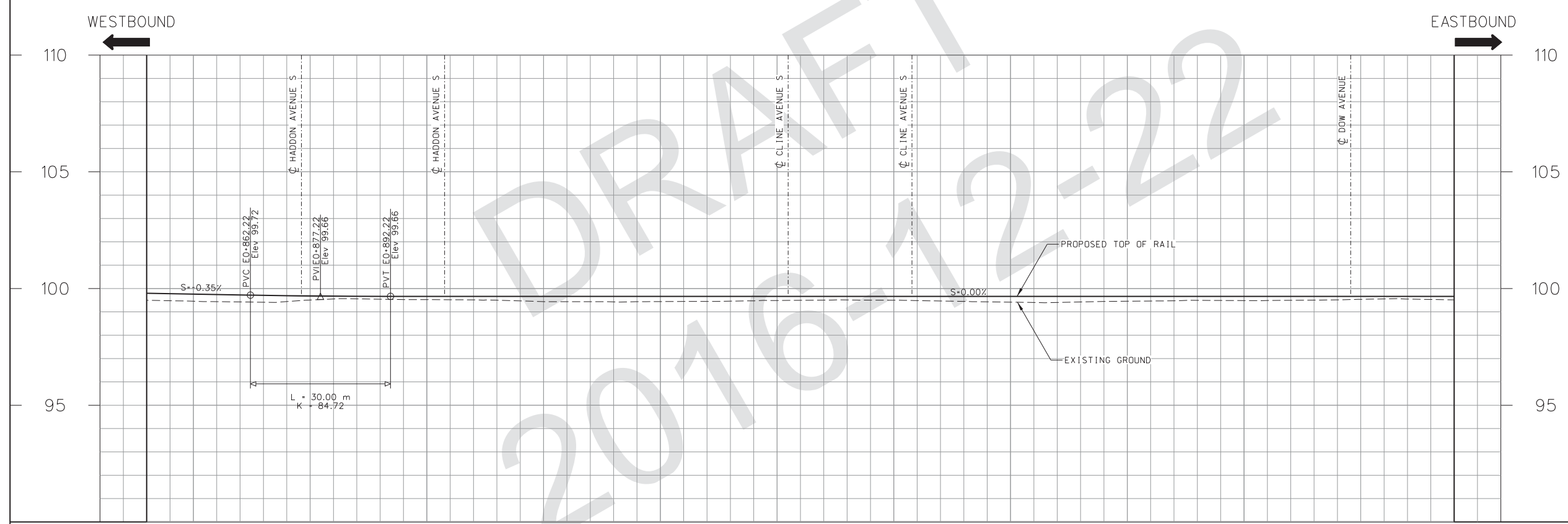
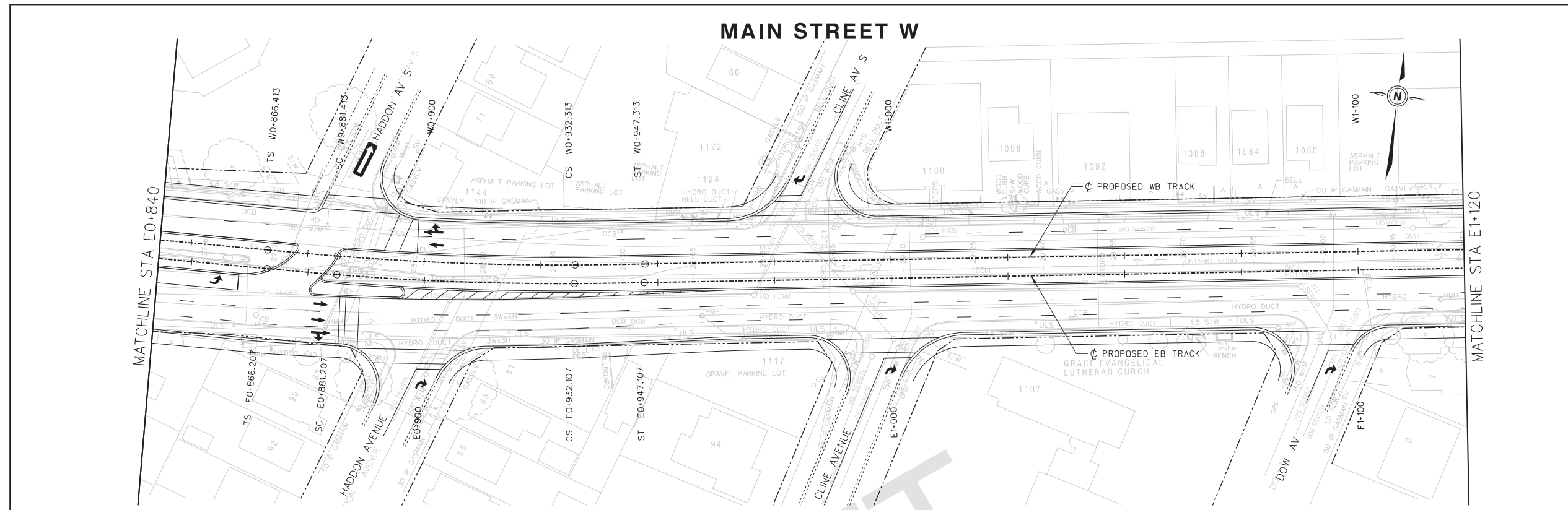
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 W0-000.00 STATIONING ON WB TRACK
 N0-000.00 STATIONING ON NB TRACK
 S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

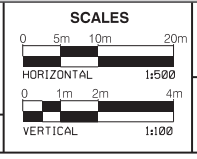


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99.455	99.507	99.524	99.439	99.440	99.486	99.500	99.416	99.455	99.484	99.536	PROPOSED TOP OF RAIL PROFILE
99.760	99.681	99.664	99.664	99.664	99.664	99.664	99.664	99.664	99.664	99.664	EXISTING GROUND ELEVATION
E0-850	E0-875	E0-900	E0-925	E0-950	E0-975	E1-000	E1-025	E1-050	E1-075	E1-100	DESIGN ϕ CHAINAGE EASTBOUND TRACK

No.	REVISIONS	INITIAL	DATE
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 basemap2.dwg (MAY 19, 2011)
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 Water Plan:
 Geodetic: Bench Mark Index
 Borehole Report:



Project Manager
 NAME
 Manager of Design
 NAME



DRAWN: JUAN WU
 CHECKED: KATHLEEN GIORGANO
 APPROVED: LUIGI BANQU
 DATE: 2016/12/13



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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC004.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



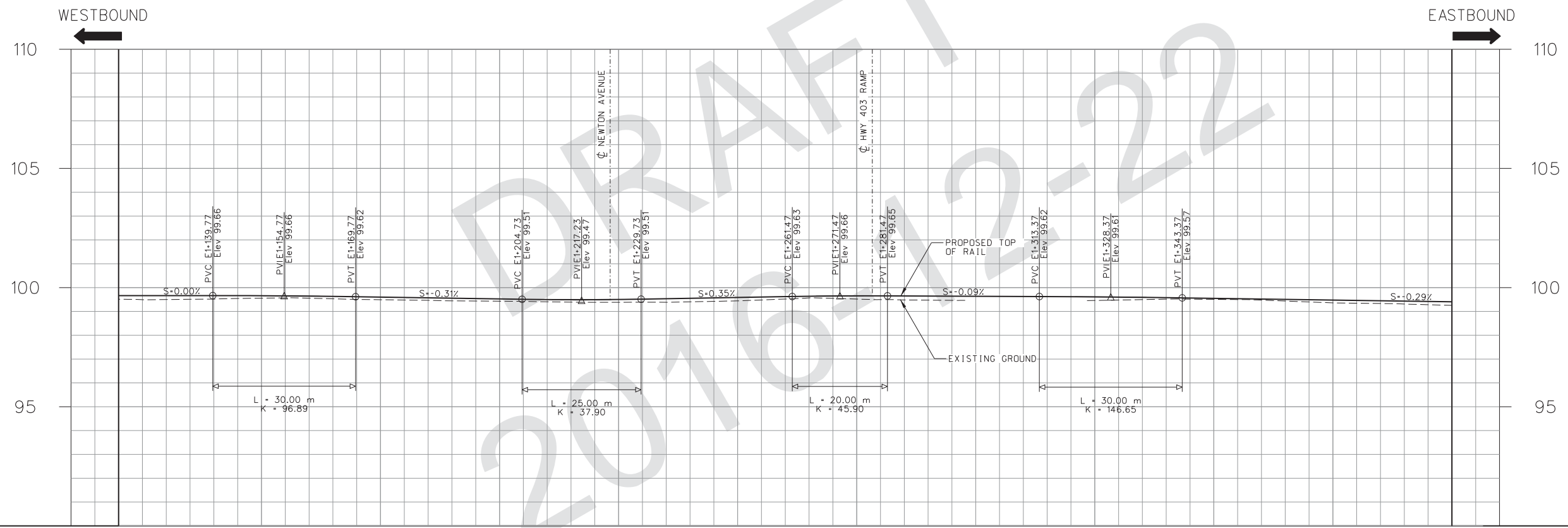
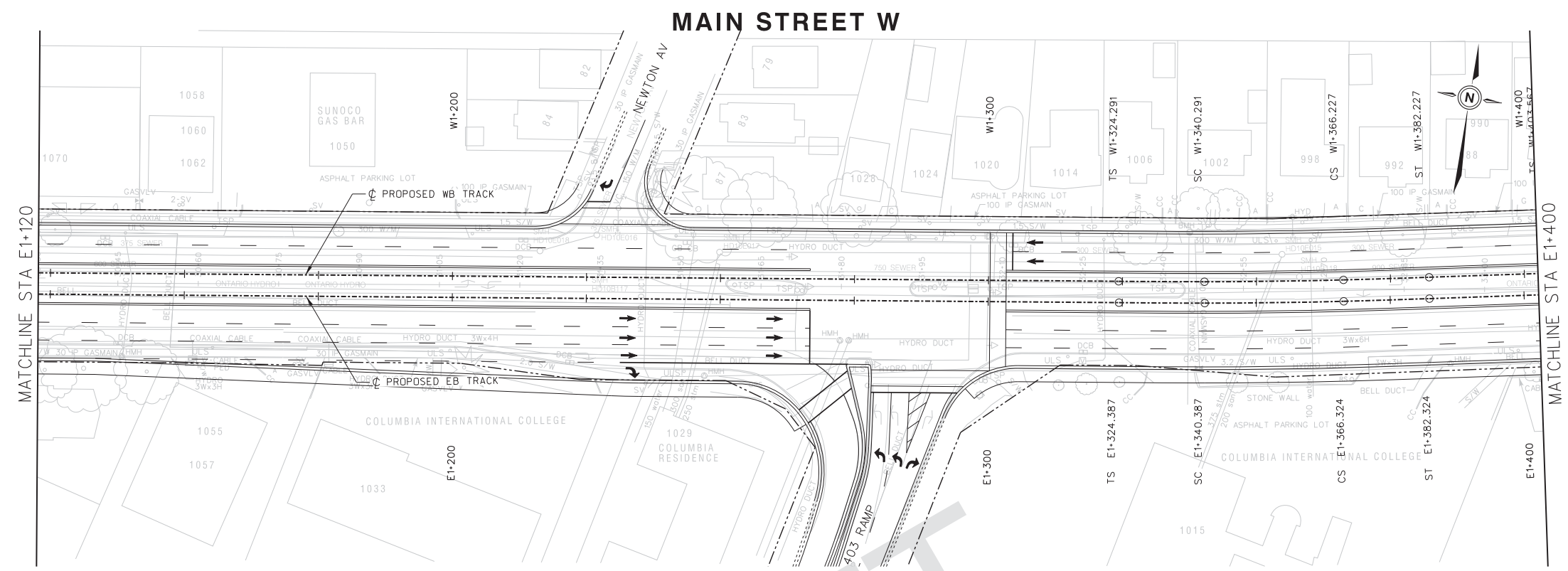
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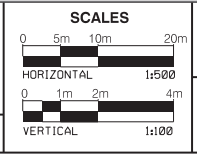


99.493	99.557	99.491	99.429	99.384	99.443	99.518	99.459	99.506	99.359	99.254	PROPOSED TOP OF RAIL PROFILE	
99.664	99.658	99.601	99.524	99.501	99.585	99.653	99.636	99.610	99.476	99.404	EXISTING GROUND ELEVATION	
E1+125	E1+150	E1+175	E1+200	E1+225	E1+250	E1+275	E1+300	E1+325	E1+350	E1+375	E1+400	DESIGN ϕ CHAINAGE EASTBOUND TRACK

\\CATRIT\T001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC005.dgn
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No.	REVISIONS	INITIAL	DATE
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 Water Plan:
 Geodetic: Bench Mark Index
 Borehole Report:



Project Manager
 NAME
 Manager of Design
 NAME



DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



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

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

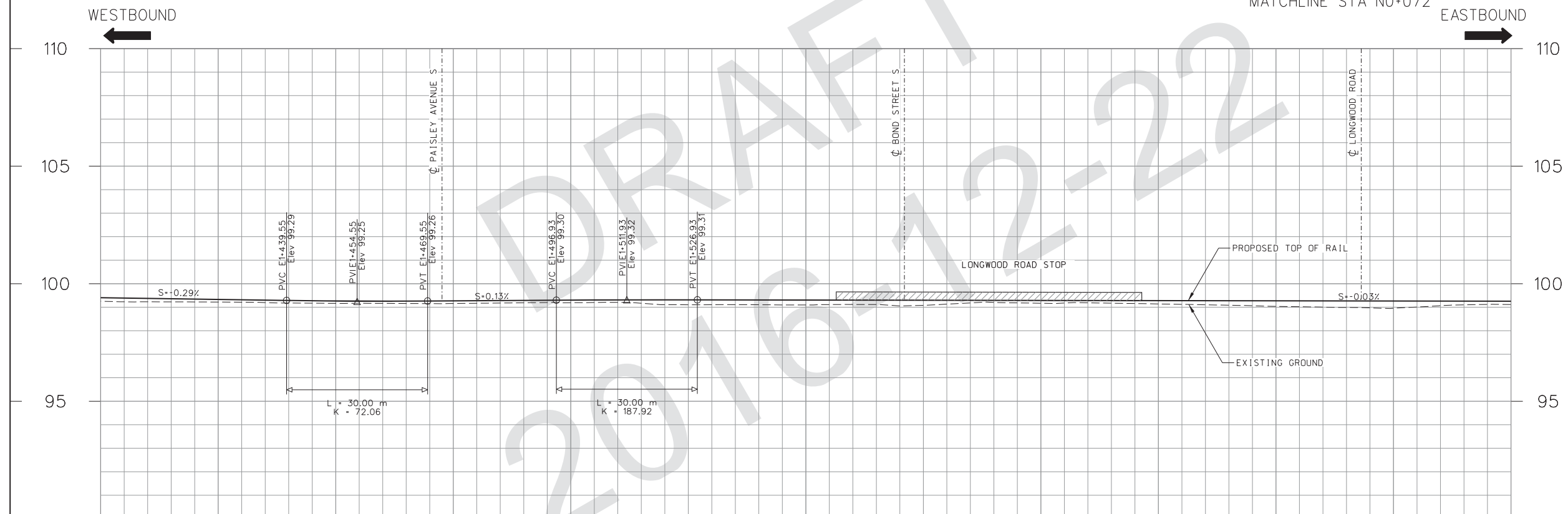
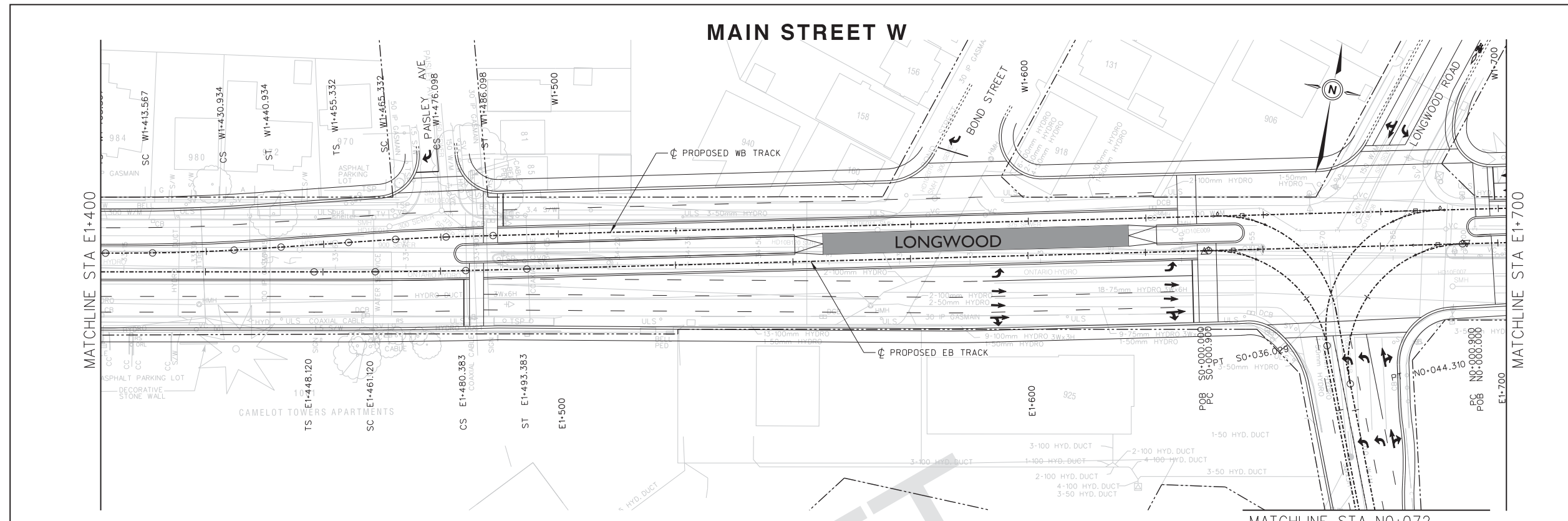
- - - - - LRT TRACK CENTRELINE
- - - - - EXISTING PROPERTY LINE
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- - - - - EXISTING GROUND LINE (PROFILE)
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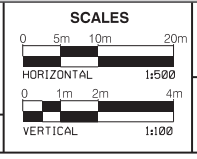
MAIN STREET W



99.254	99.219	99.163	99.158	99.194	99.105	99.095	99.080	99.168	99.139	99.036	99.956	99.113	PROPOSED TOP OF RAIL PROFILE
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	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 CL CHAINAGE EASTBOUND TRACK

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 Water Plan:
 Geodetic: Bench Mark Index
 Borehole Report -



Project Manager
 NAME
 Manager of Design
 NAME



DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BIANCHI
 DATE: 2016/12/15



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

\\CATRIT\TPO01\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC006.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

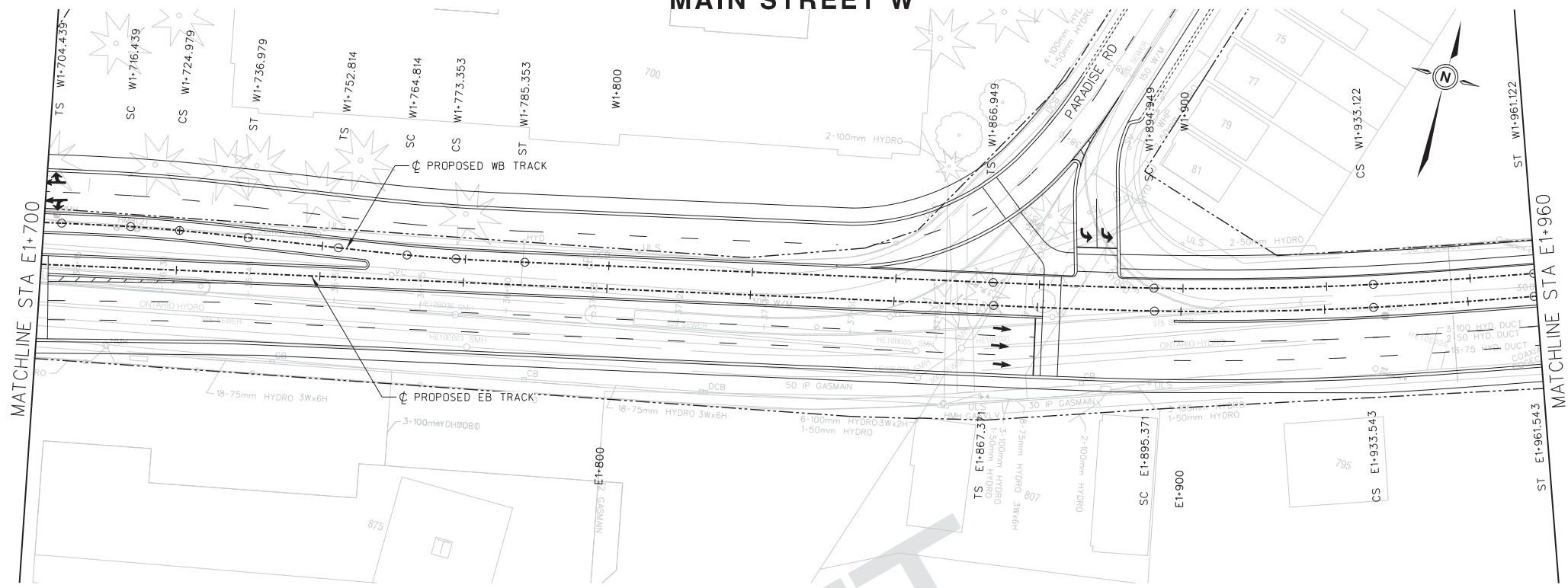
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NOTES:

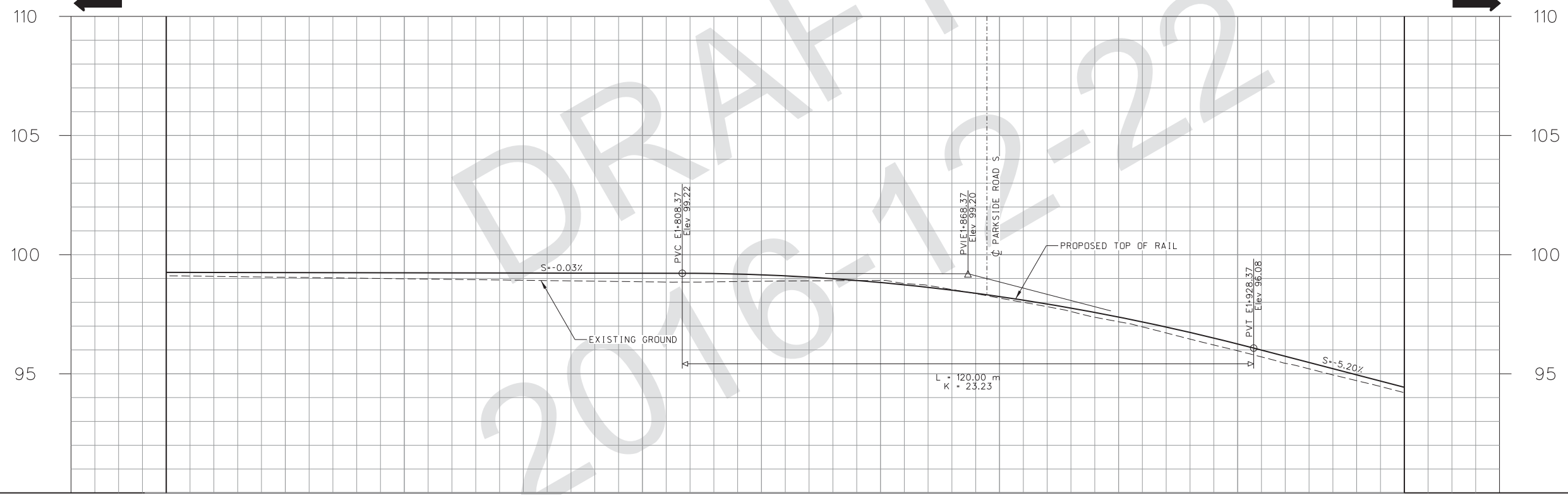
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MAIN STREET W



WESTBOUND

EASTBOUND

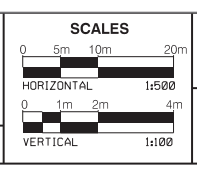


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INITIAL	DATE
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Project Manager
 NAME
 Manager of Design
 NAME



DRAWN: JUAN WU
 CHECKED: KATHLEEN GIORGANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/15



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

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



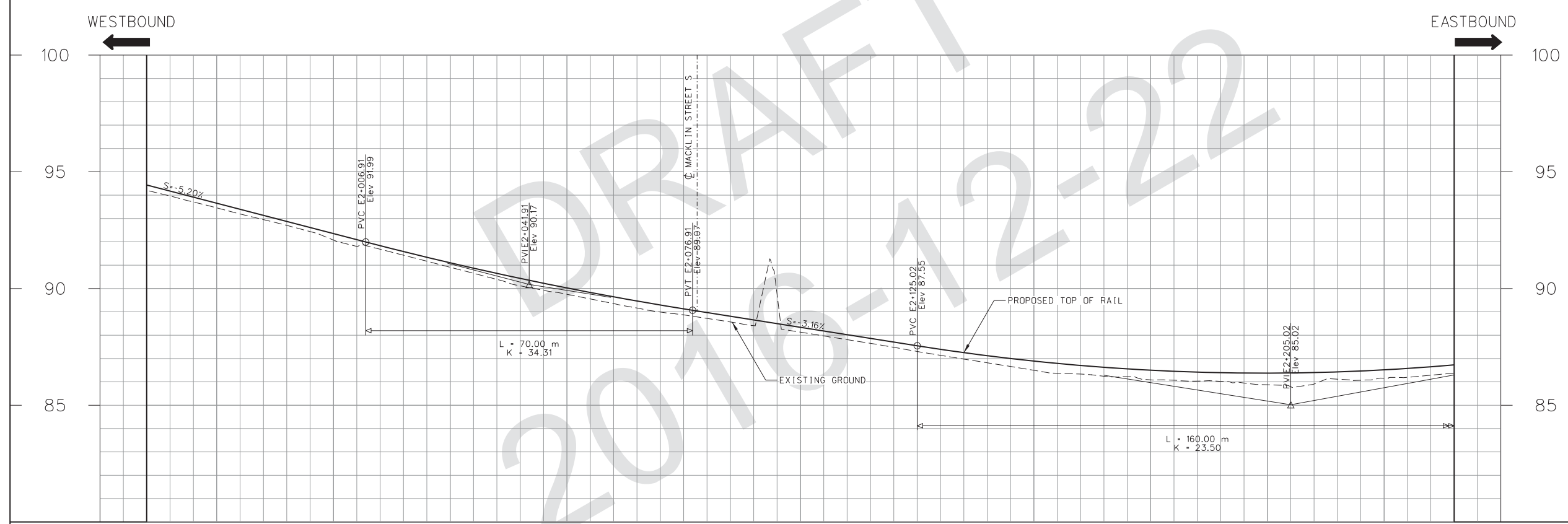
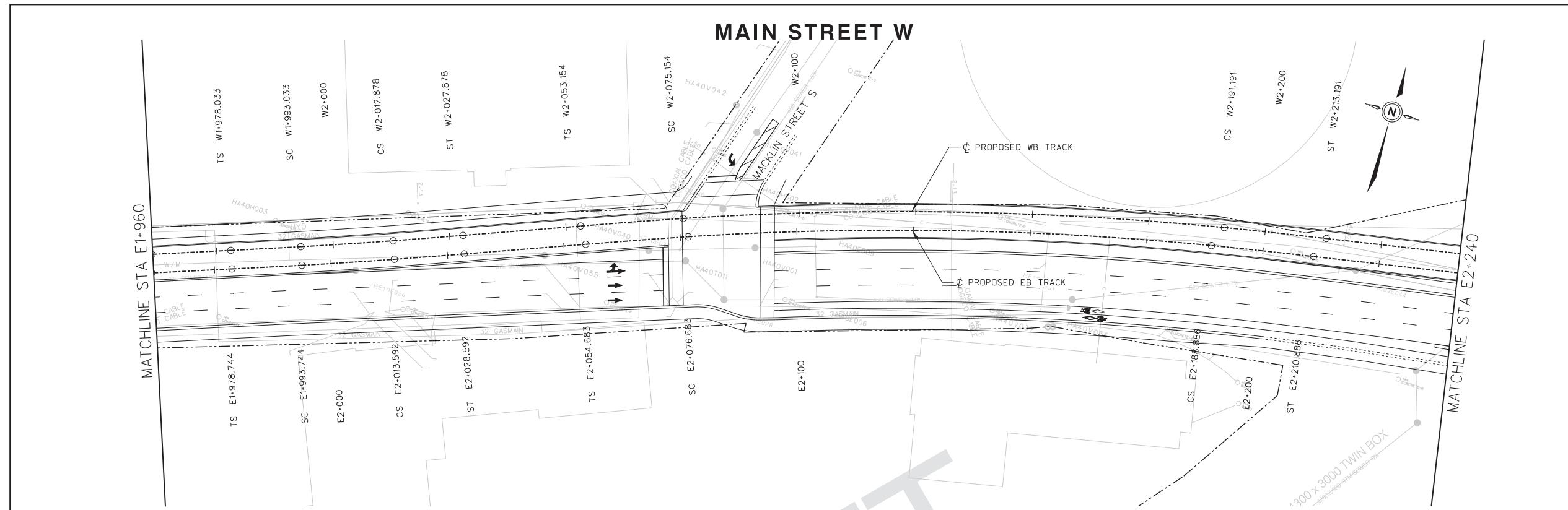
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NOT FOR CONSTRUCTION

NOTES:



93.454	92.077	90.910	89.753	88.871	88.130	87.304	86.497	86.089	85.876	86.159
93.653	92.353	91.101	90.024	89.129	88.338	87.548	86.891	86.500	86.375	86.516
E1+975	E2-000	E2-025	E2-050	E2-075	E2-100	E2-125	E2-150	E2-175	E2-200	E2-225

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SCALES

HORIZONTAL 1:500
 VERTICAL 1:100

Project Manager
 NAME
 Manager of Design
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AECOM **DIALOG** **steer davis gleave**

DRAWN: JUAN WU
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Hamilton Public Works **RAPIDTransit** **METROLINX**
 moving HAMILTON forward
 An agency of the Government of Ontario

HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E1+960 TO STA E2+240

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RT_L_Track\HALRT-RD-NC008.dgn
 User:wuj6 04/01/2017 4:28:43 PM

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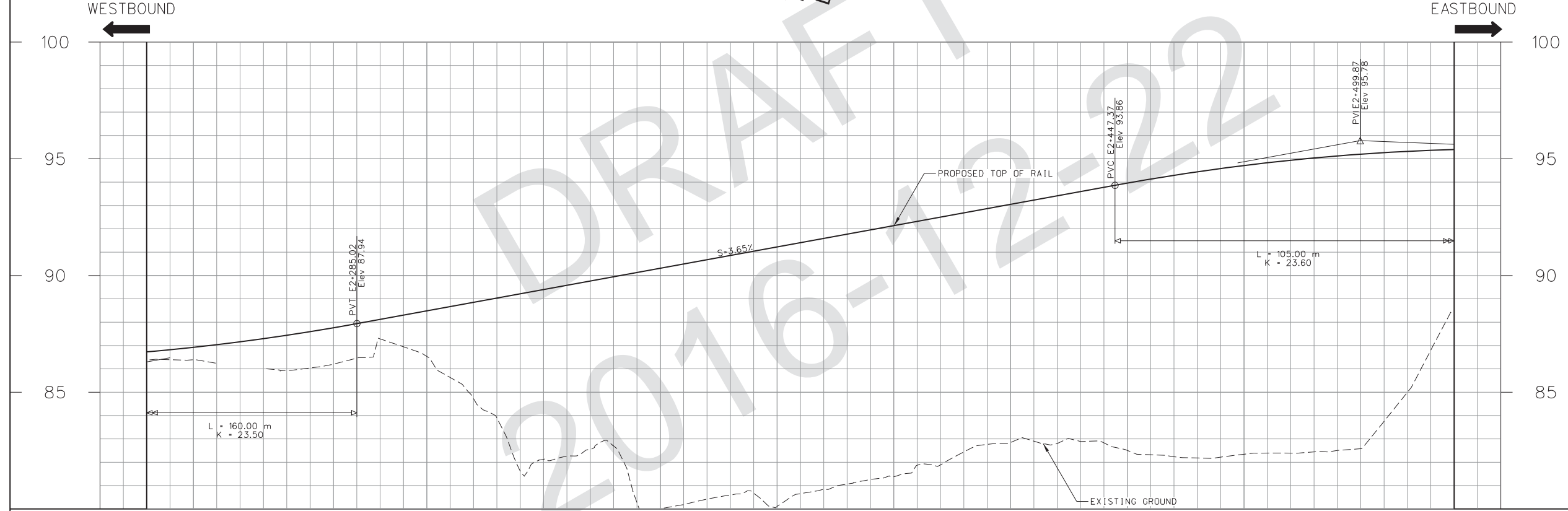
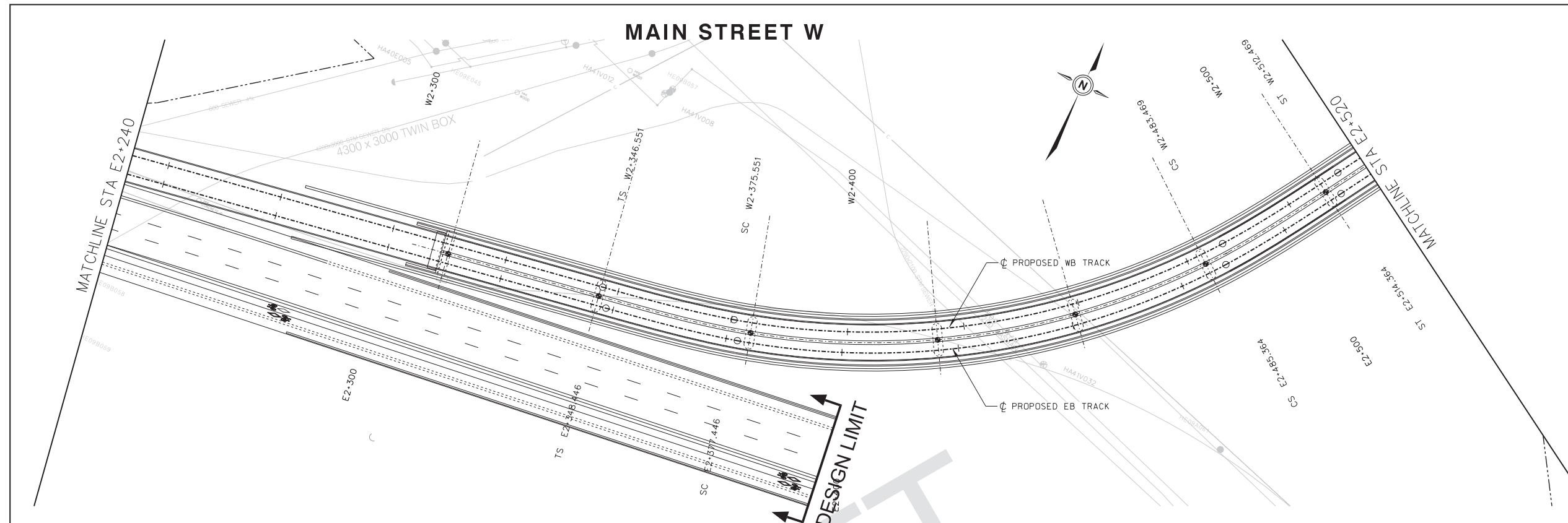
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NOT FOR CONSTRUCTION

NOTES:



86.392	86.039	86.533	82.125	80.010	80.107	81.384	82.847	82.508	82.345	82.579	85	100
86.923	87.595	88.486	89.399	90.311	91.224	92.136	93.048	93.959	94.711	95.199	85	100
E2+250	E2+275	E2+300	E2+325	E2+350	E2+375	E2+400	E2+425	E2+450	E2+475	E2+500		

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

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

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 GIORGANO

APPROVED: LUIGI BANQUO

DATE: 2016/12/13

Hamilton Public Works

RAPID Transit moving HAMILTON forward

METROLINX
An agency of the Government of Ontario

HAMILTON LRT 'B' LINE

PRELIMINARY DESIGN
PLAN AND PROFILE
STA E2+240 TO STA E2+520

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track_HALRT-RD-NC009.dgn User:wuj6 04/01/2017 4:28:47 PM

KING STREET W

FILE No. _____ CONTRACT No. C11-12-10 SHEET No. _____
 DWG. No. HALRT-RD-NC010

DIMENSIONS SHOWN ON THIS PLAN ARE
 IN METRES UNLESS OTHERWISE NOTED



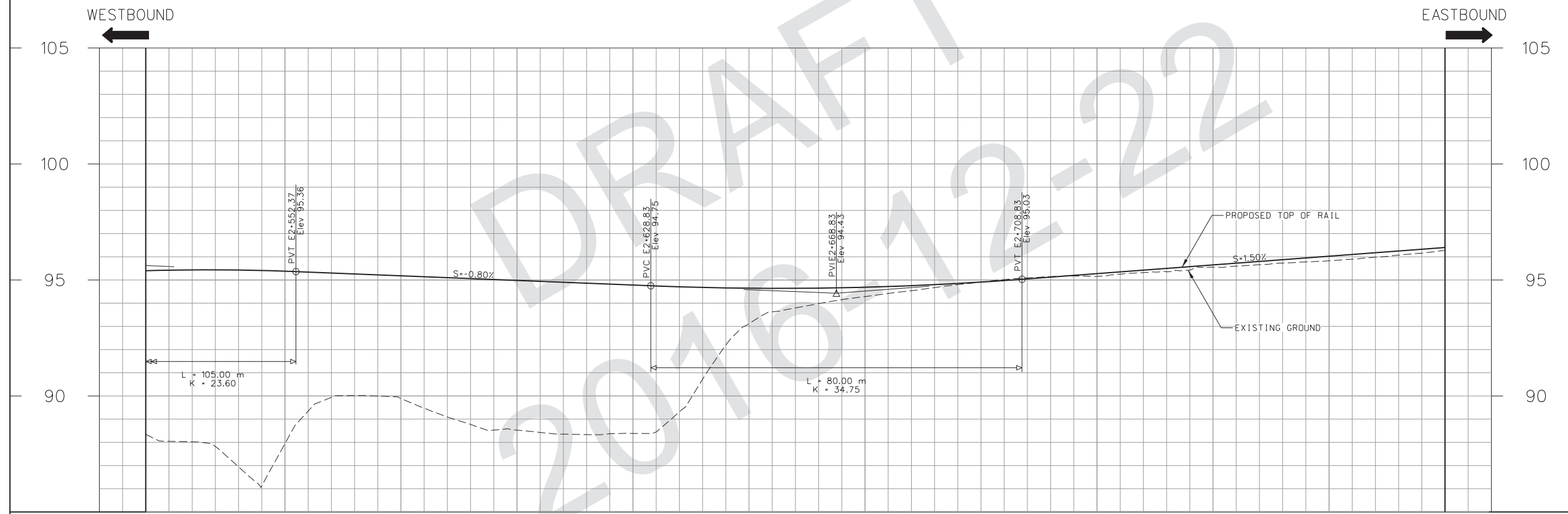
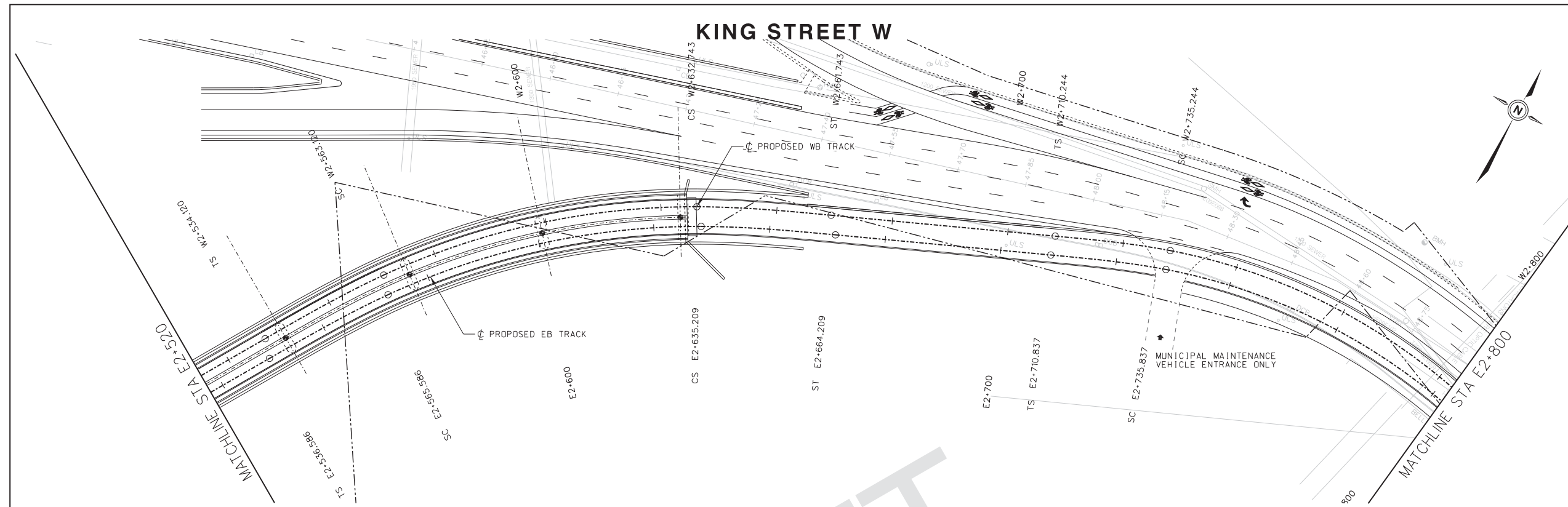
LEGEND

- 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:

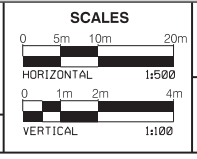
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



Station	Proposed Top of Rail Profile	Existing Ground Elevation	Design Chainage Eastbound
E2+525	95.421	95.421	E2+525
E2+550	95.379	95.379	E2+550
E2+575	95.180	95.180	E2+575
E2+600	94.980	94.980	E2+600
E2+625	94.780	94.780	E2+625
E2+650	94.644	94.644	E2+650
E2+675	94.687	94.687	E2+675
E2+700	94.909	94.909	E2+700
E2+725	95.273	95.273	E2+725
E2+750	95.648	95.648	E2+750
E2+775	96.024	96.024	E2+775
E2+800	96.399	96.399	E2+800

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

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 GEORAND
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/15



HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E2+520 TO STA E2+800

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RT_L_Track\HALRT-RD-NC010.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

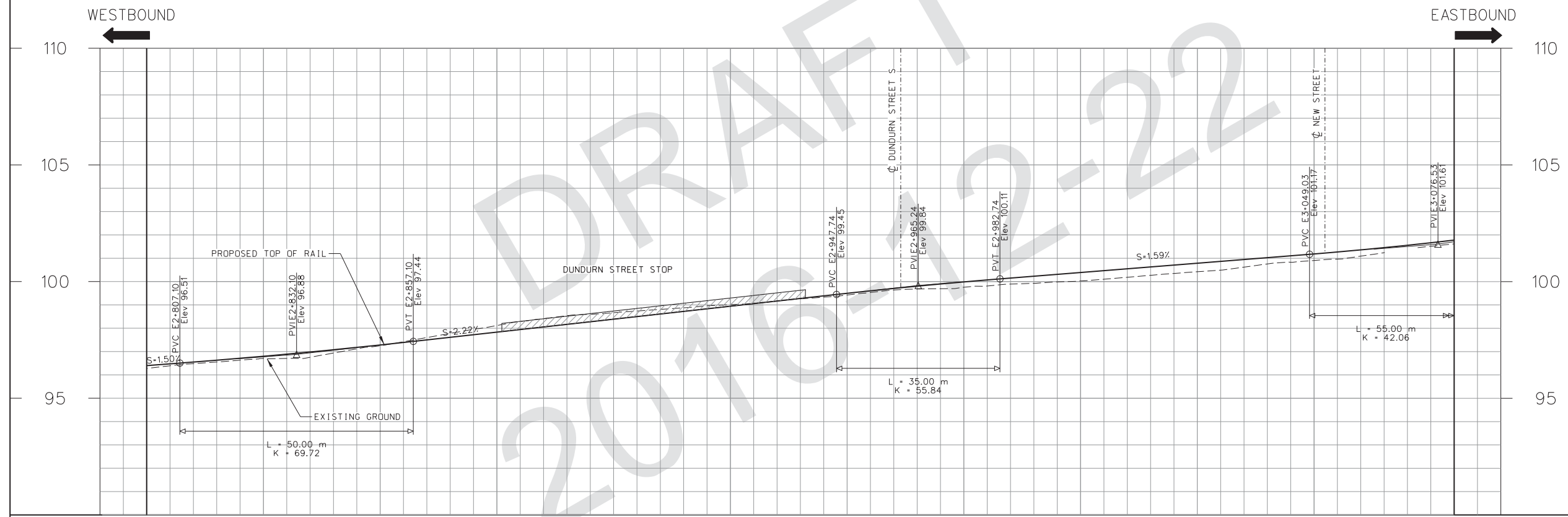
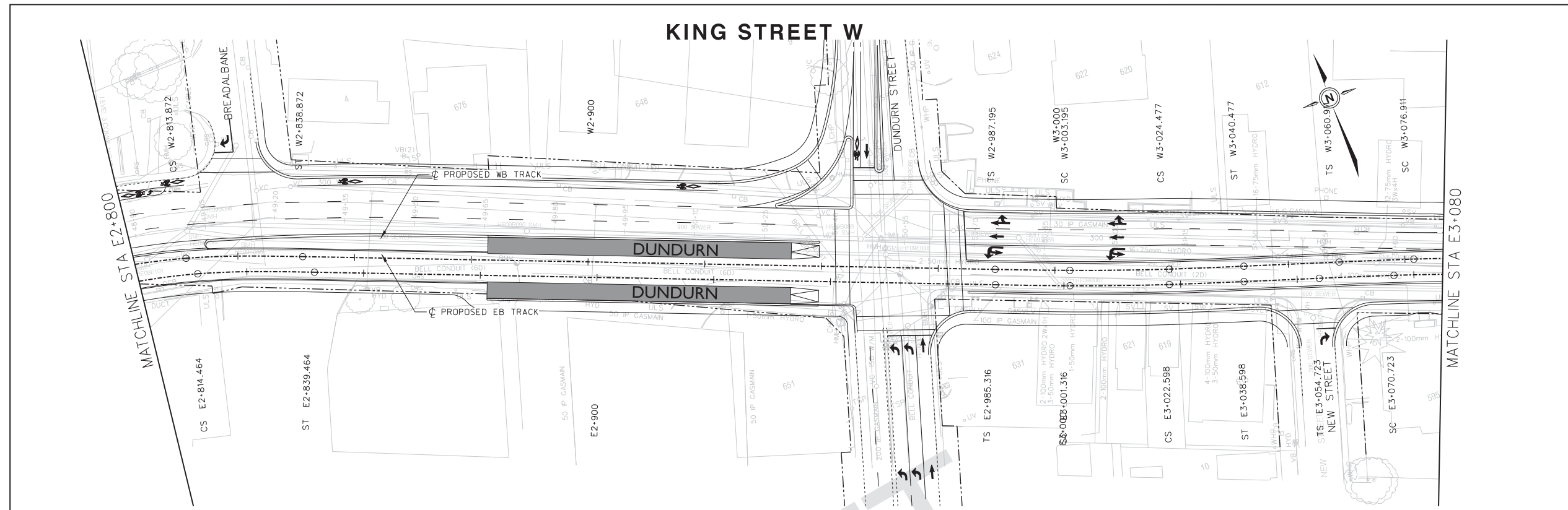
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

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:

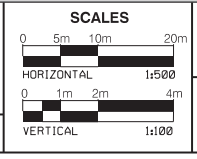
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96.277	96.706	97.250	98.117	98.667	99.010	99.423	99.757	100.025	100.422	100.906	101.514	PROPOSED TOP OF RAIL PROFILE
96.399	96.798	97.282	97.834	98.388	98.943	99.498	99.986	100.390	100.788	101.186	101.664	EXISTING GROUND ELEVATION
E2+800	E2+825	E2+850	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

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 GORJANO
 APPROVED: LUIGI BANCU
 DATE: 2016/12/15



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

\\CATRIT\T001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC011.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



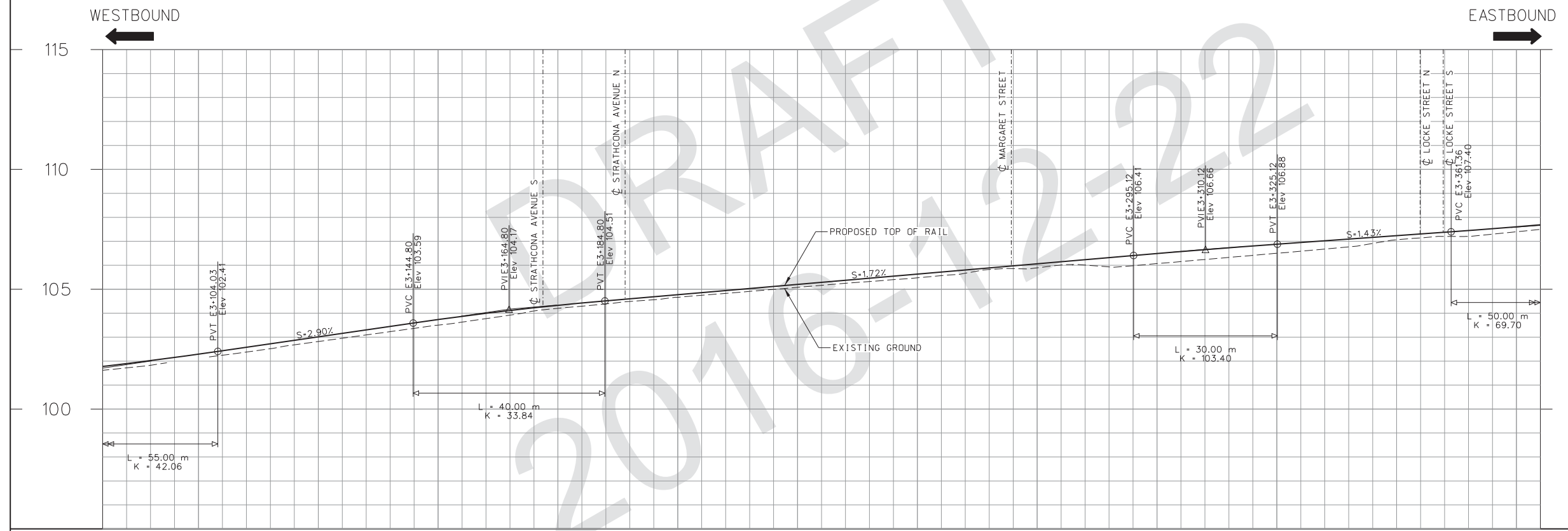
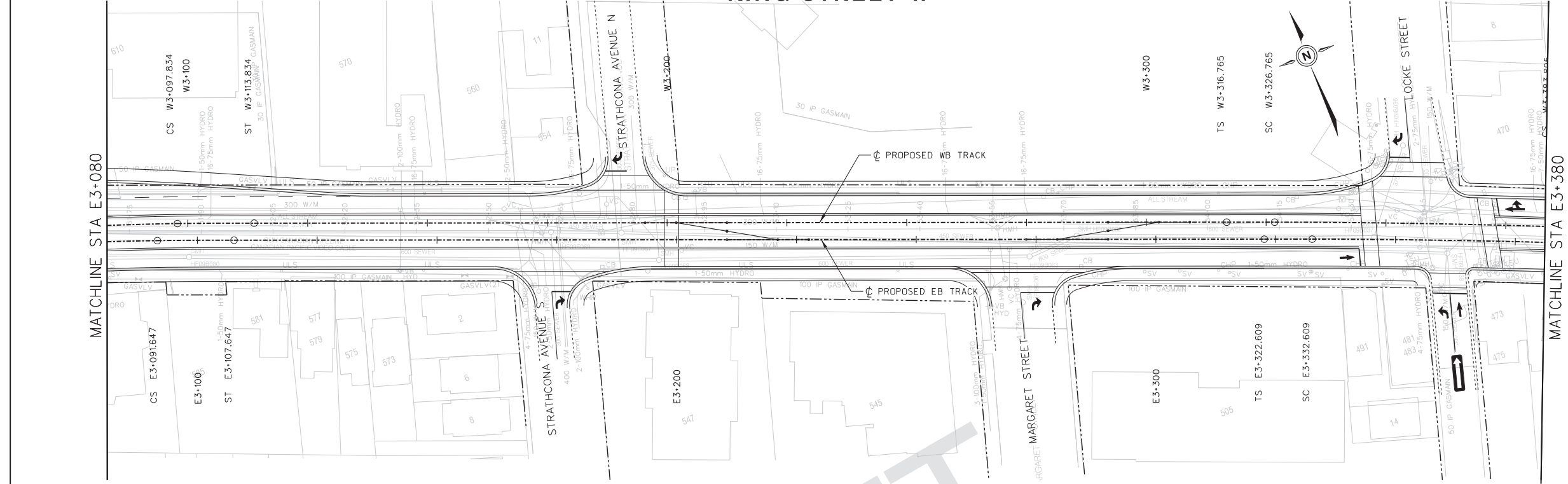
- LEGEND**
- LRT TRACK CENTRELINE
 - EXISTING PROPERTY LINE
 - PROPOSED TOP OF RAIL (PROFILE)
 - EXISTING GROUND LINE (PROFILE)
 - EAST BOUND TRACK USED AS REFERENCE LINE
- E0-000.00 STATIONING ON EB TRACK
 W0-000.00 STATIONING ON WB TRACK
 N0-000.00 STATIONING ON NB TRACK
 S0-000.00 STATIONING ON SB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

NOT FOR CONSTRUCTION

NOTES:

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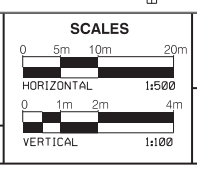
KING STREET W



E3+100	102.291	102.819	102.819	PROPOSED TOP OF RAIL PROFILE
E3+125	103.014	103.502	103.502	EXISTING GROUND ELEVATION
E3+150	103.735	104.203	104.203	DESIGN ϕ CHAINAGE EASTBOUND TRACK
E3+175	104.329	104.662	104.662	
E3+200	104.773	105.078	105.078	
E3+225	105.202	105.477	105.477	
E3+250	105.632	105.893	105.893	
E3+275	106.061	106.070	106.070	
E3+300	106.490	106.501	106.501	
E3+325	106.877	107.063	107.063	
E3+350	107.234	107.398	107.398	
E3+375	107.604			

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

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 GORRANO
 APPROVED: LUIGI BIANCHI
 DATE: 2016/12/15



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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC012.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



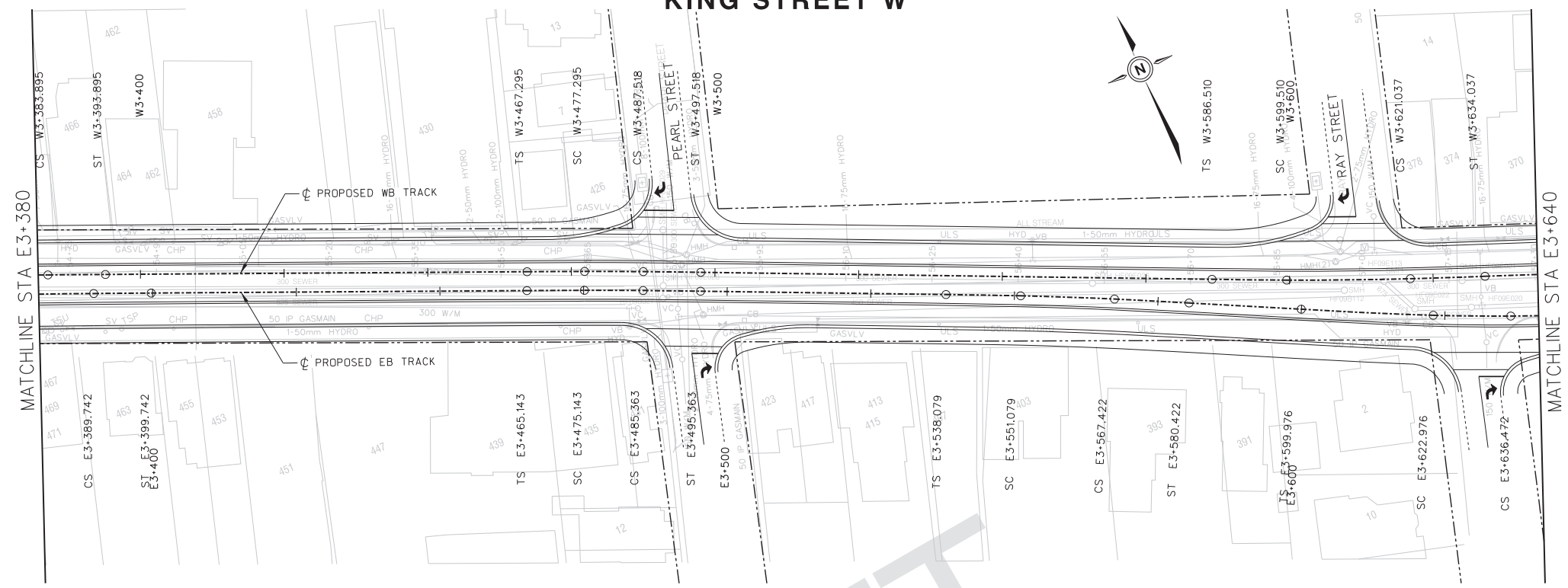
LEGEND

- 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

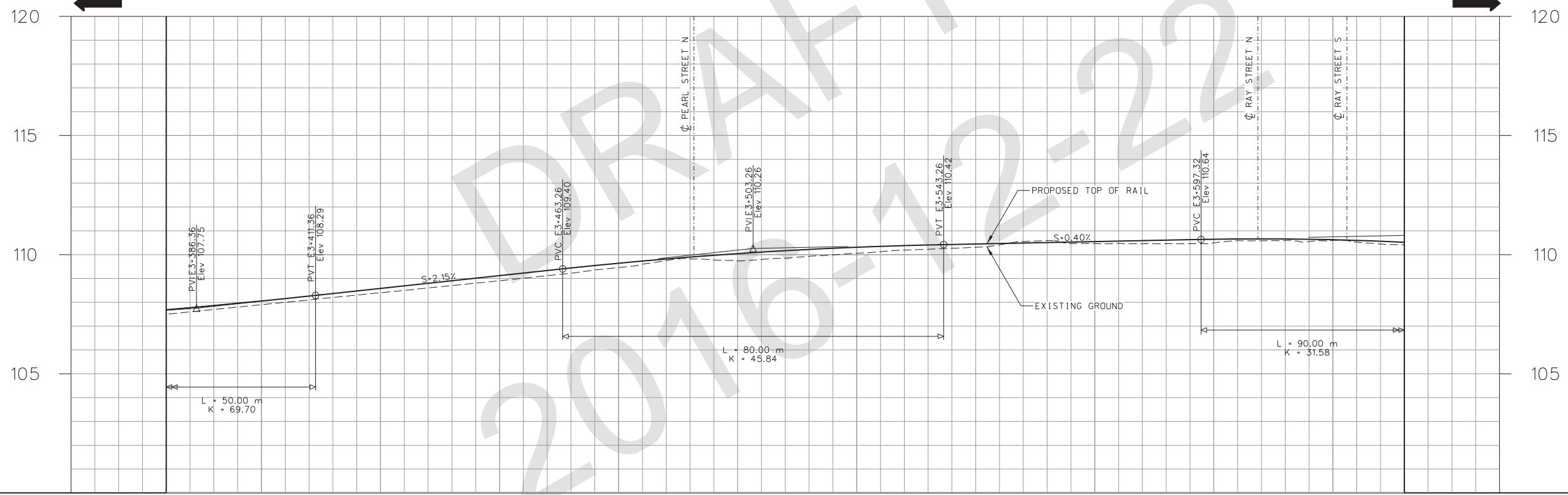
NOTES:

KING STREET W



WESTBOUND

EASTBOUND



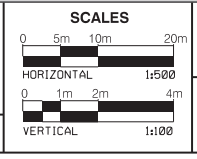
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\\CAITRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track_HALRT-RD-NC013.dgn User:wuj6 04/01/2017 4:29:02 PM

		107.900	108.402	108.904	109.458	109.738	110.062	110.308	110.463	110.494	110.604	PROPOSED TOP OF RAIL PROFILE
		108.055	108.582	109.118	109.640	110.044	110.311	110.448	110.548	110.647	110.626	EXISTING GROUND ELEVATION
		E3+400	E3+425	E3+450	E3+475	E3+500	E3+525	E3+550	E3+575	E3+600	E3+625	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

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 E3+380 TO STA E3+640

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



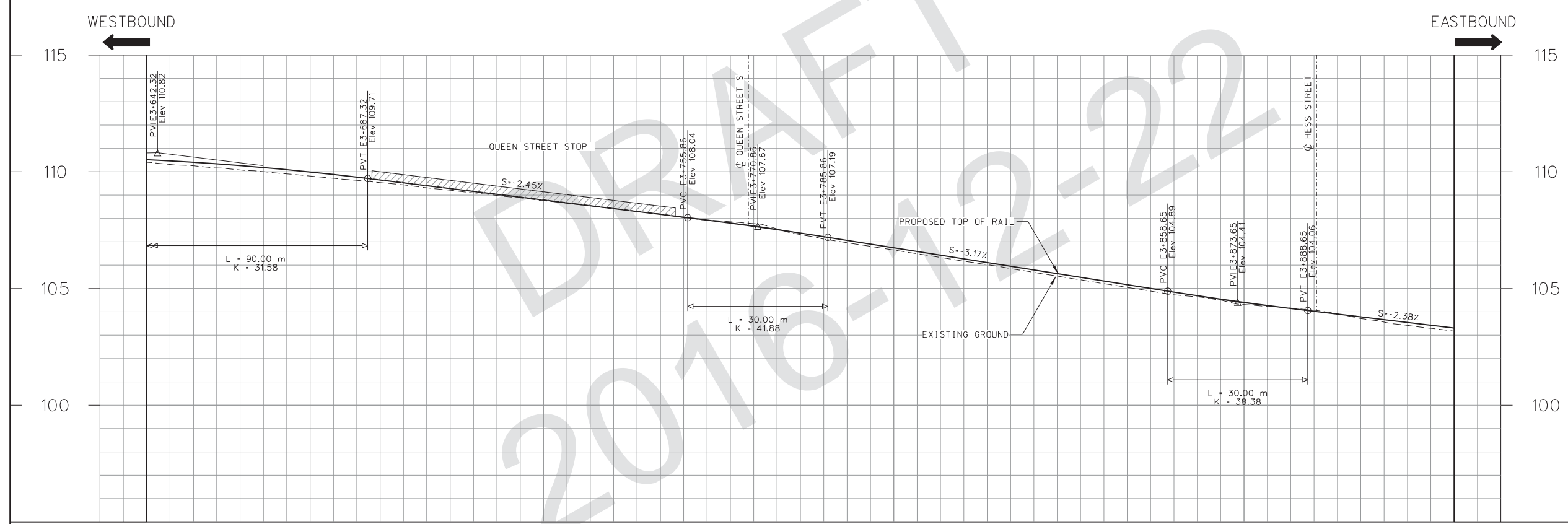
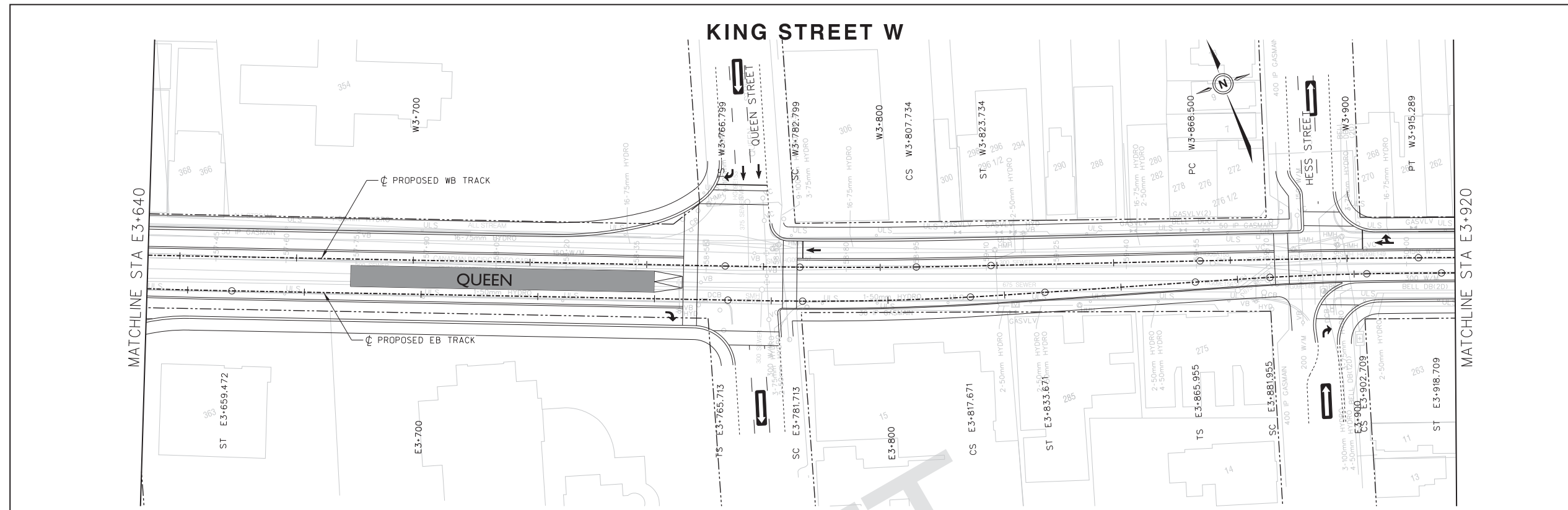
LEGEND

- 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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110.257	109.818	109.312	108.761	108.197	107.554	106.648	105.851	105.048	104.313	103.713	PROPOSED TOP OF RAIL PROFILE
110.408	109.992	109.404	108.791	108.179	107.523	106.745	105.954	105.162	104.405	103.785	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 ϕ 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

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

AECOM **steer davis gleave**
DIALOG

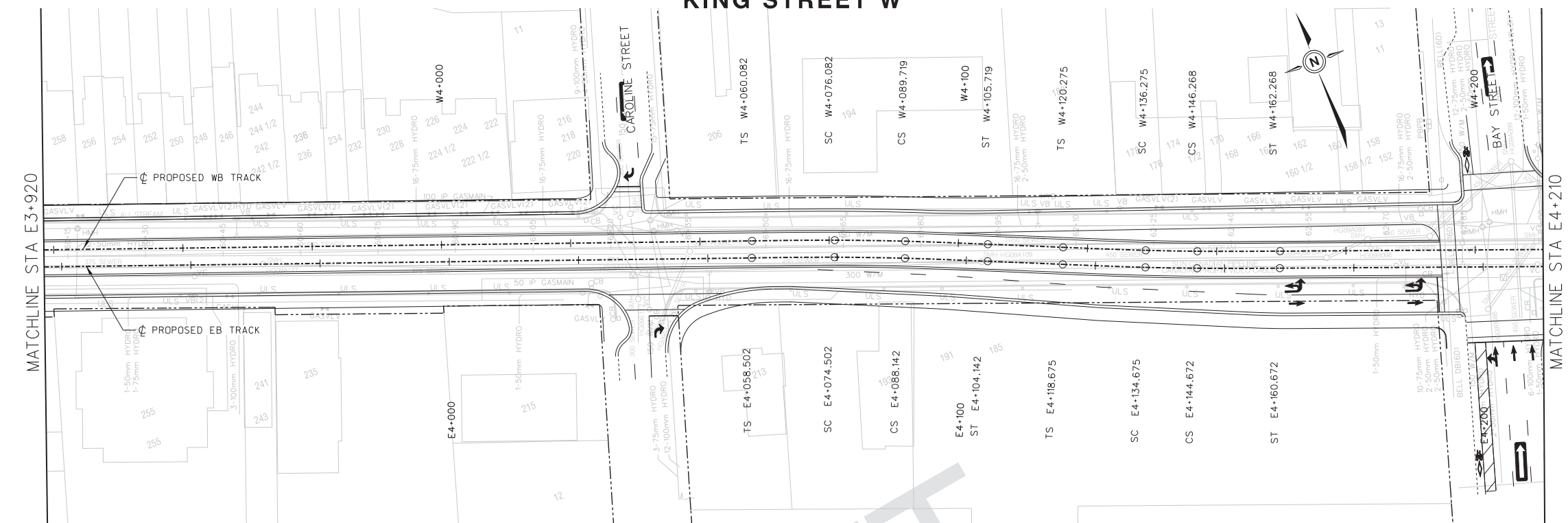
Project Manager
 NAME
 Manager of Design
 NAME

Hamilton Public Works
 RAPIDTransit moving HAMILTON forward
 METROLINX An agency of the Government of Ontario

HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E3+640 TO STA E3+920

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC014.dgn
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KING STREET W



FILE No. CONTRACT No. C11-12-10 SHEET No.
 DWG. No. HALRT-RD-NC015

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

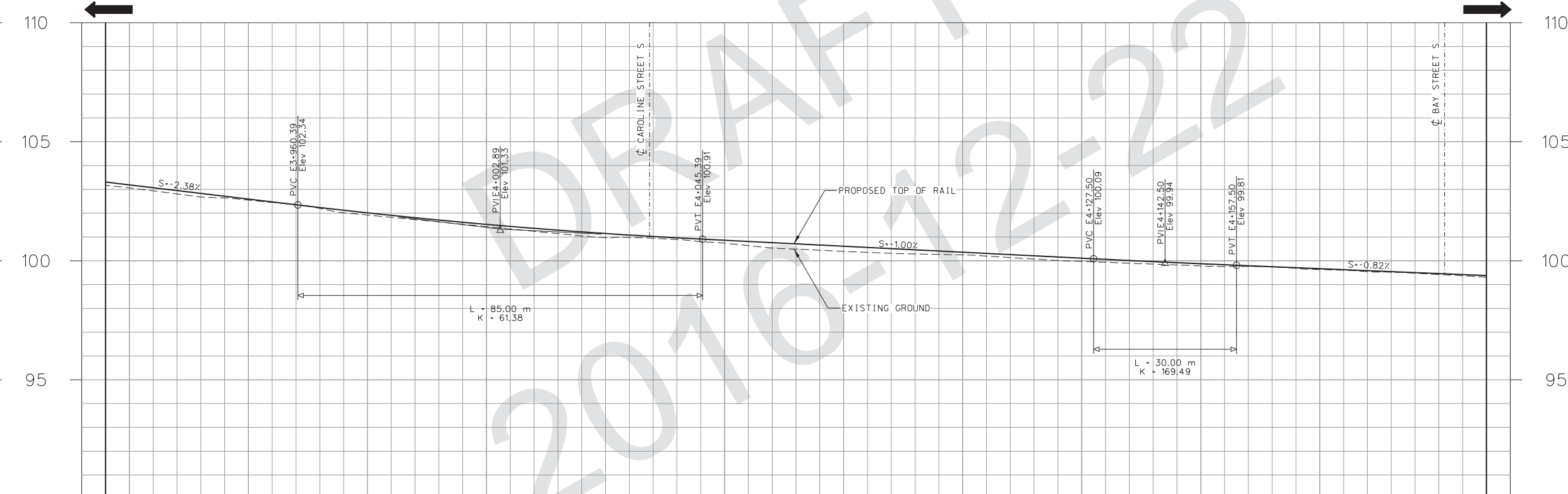
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

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



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103.061	102.547	101.922	101.436	100.970	100.739	100.396	100.247	99.974	99.784	99.631	99.422	PROPOSED TOP OF RAIL PROFILE
103.189	102.592	102.014	101.528	101.144	100.860	100.610	100.360	100.110	99.875	99.668	99.462	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 ϕ CHAINAGE EASTBOUND TRACK

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalLRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RT_L_Track\HALRT-RD-NC015.dgn
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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

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

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

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANQU
 DATE: 2016/12/13

Hamilton Public Works **RAPIDTransit** **METROLINX**

moving HAMILTON forward
 An agency of the Government of Ontario

HAMILTON LRT 'B' LINE

PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E3+920 TO STA E4+210

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



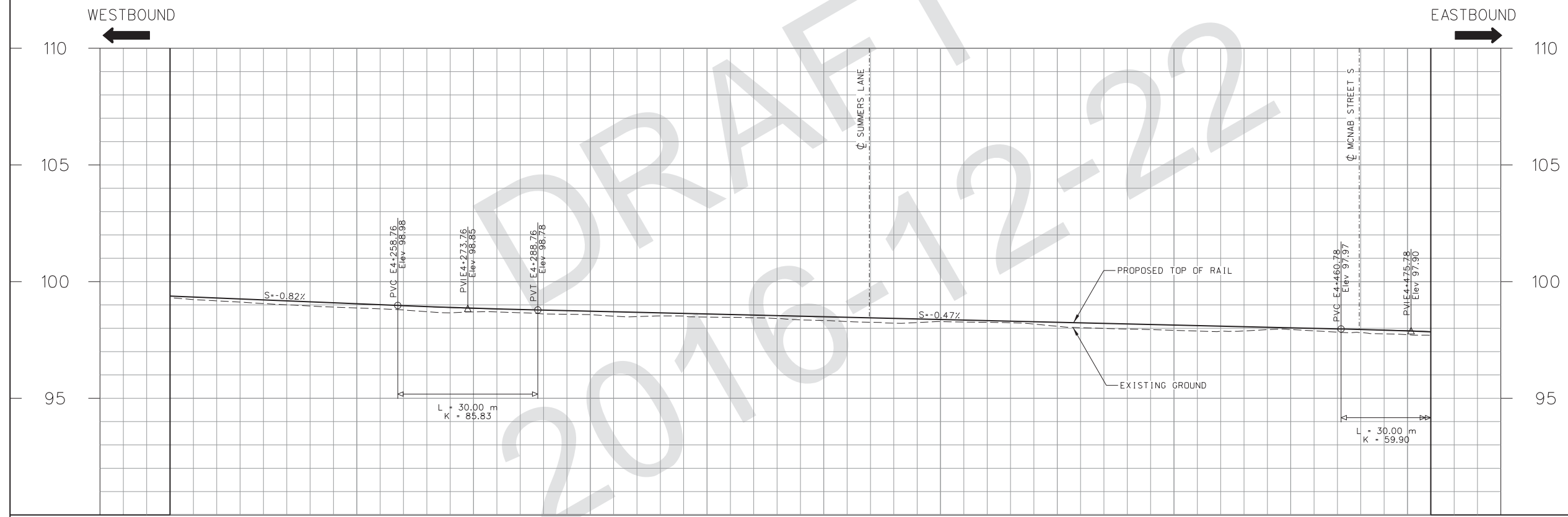
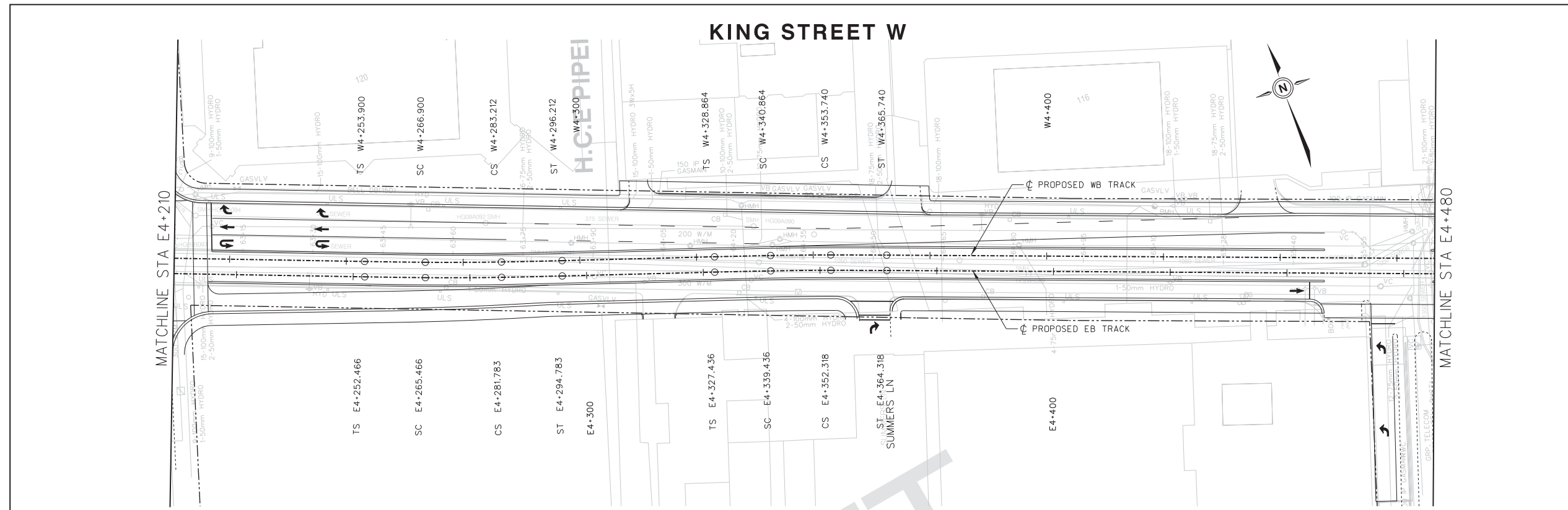
LEGEND

- 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:

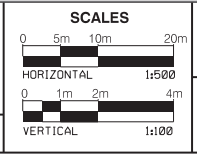


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99.121	98.870	98.701	98.562	98.479	98.333	98.286	98.084	97.912	97.945	97.723	PROPOSED TOP OF RAIL PROFILE
99.256	99.050	98.860	98.731	98.612	98.494	98.375	98.257	98.139	98.020	97.885	EXISTING GROUND ELEVATION
E4+225	E4+250	E4+275	E4+300	E4+325	E4+350	E4+375	E4+400	E4+425	E4+450	E4+475	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

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 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 E4+210 TO STA E4+480

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC016.dgn
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KING STREET W

KING STREET E

MATCHLINE STA E4+480

MATCHLINE STA E4+760

WESTBOUND

EASTBOUND

FILE No. CONTRACT No. C11-12-10 SHEET No.
 DWG. No. RD-NC017-2017-0308

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



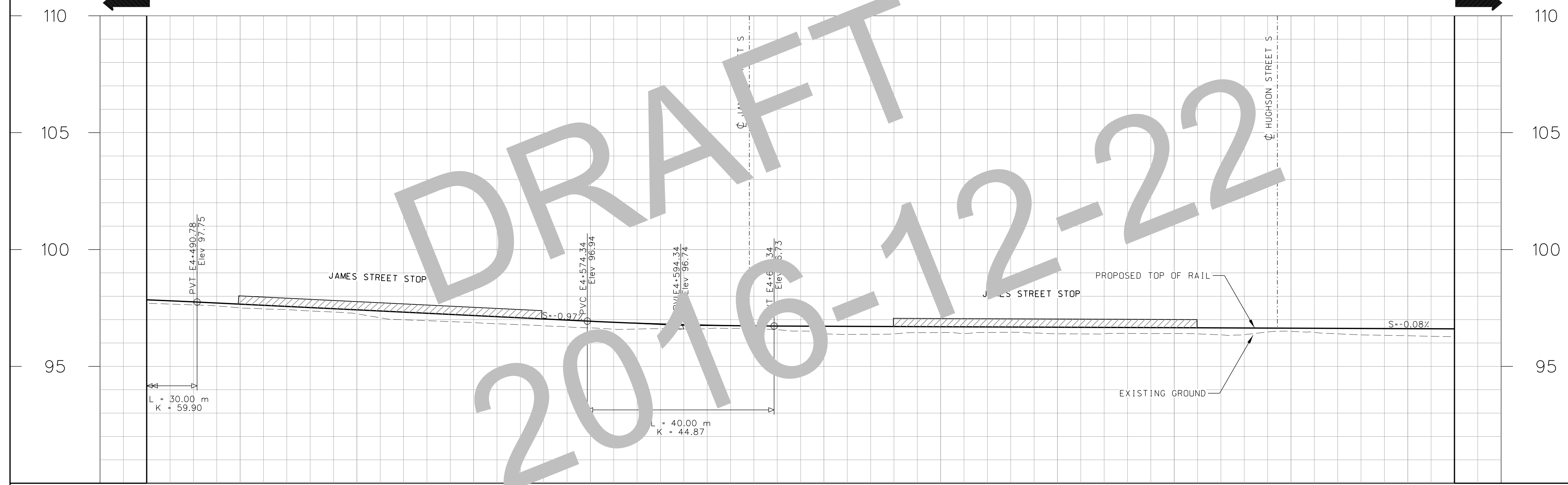
LEGEND

- 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:

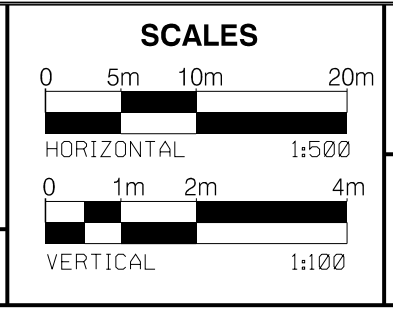
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.



97.507	97.247	96.872	96.646	96.612	96.386	96.443	96.388	96.399	96.495	96.308	PROPOSED TOP OF RAIL PROFILE
97.662	97.419	97.175	96.932	96.761	96.718	96.697	96.676	96.656	96.635	96.614	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 ϕ 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	17/03/08

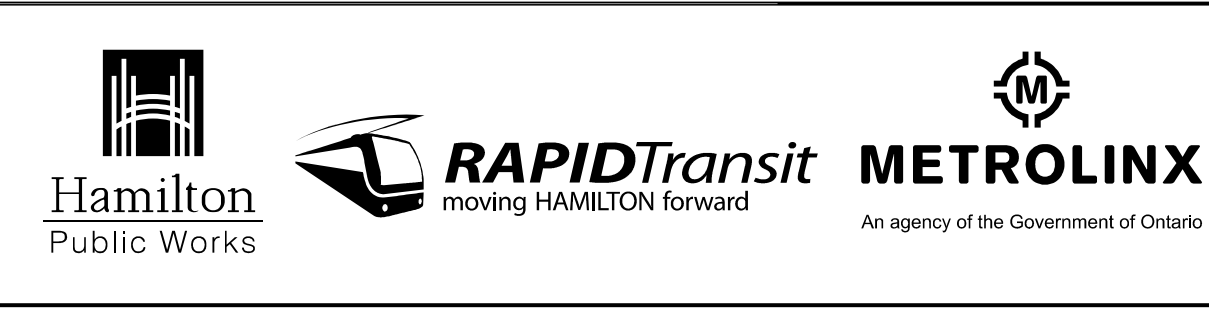
REFERENCE MATERIAL:
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)
 0337HAM10002 ALL v8.dgn (OCTOBER 7, 2010)
 basemap2.dwg (MAY 19, 2011)
 Sewer Plan:
 Water Plan:
 Geodetic: Bench Mark Index
 Borehole Report -



Project Manager
 NAME
 Manager of Design
 NAME



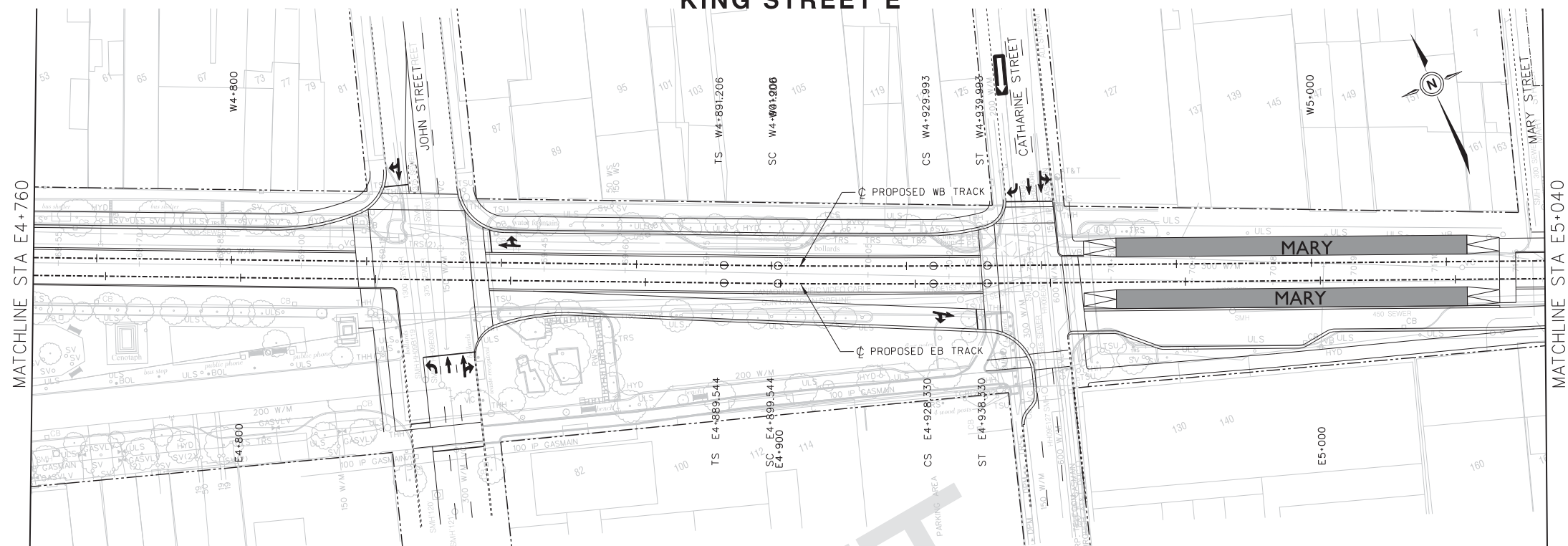
DRAWN: JUAN WU
 CHECKED: KATHLEEN GIORGANO
 APPROVED: LUIGI BANCU
 DATE: 2017.03.08



HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E4+480 TO STA E4+760

\\CATRT\TFF001\Data\Projects\60494276_HuLRT_HalRT_V900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RT_L_Track\sheet\NC017-submit-on-2017-03-08\HALRT-RD-NC017-2017-0308.dgn
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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



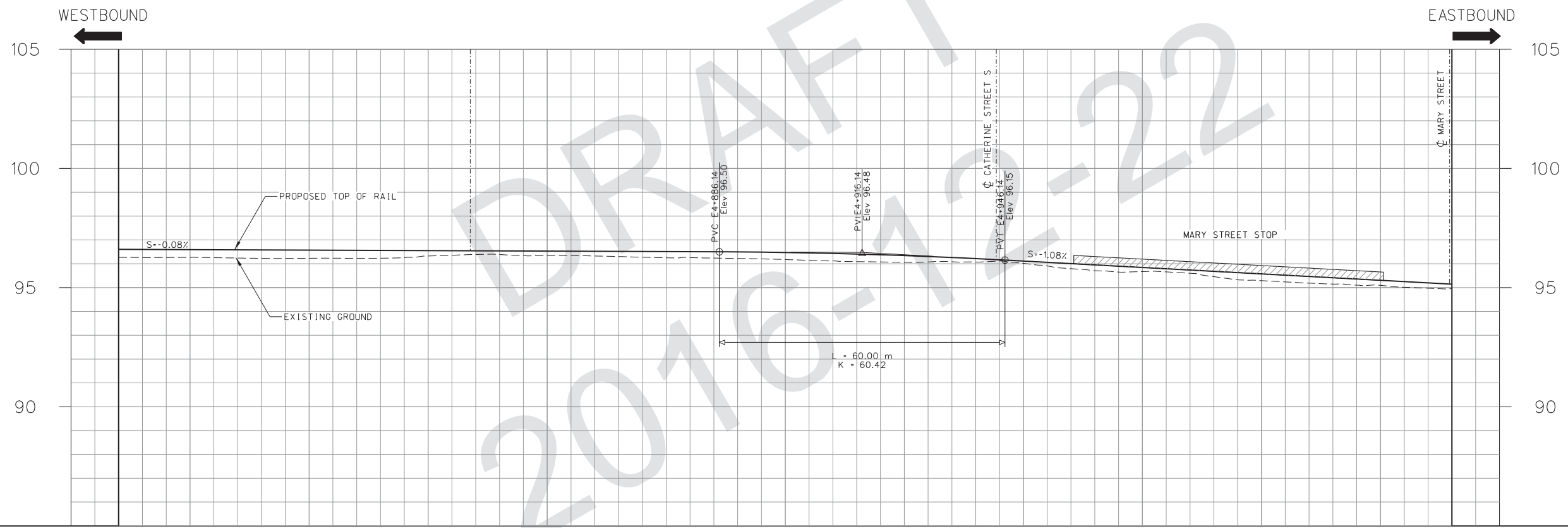
LEGEND

- 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:

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	96.268	96.229	96.325	96.341	96.251	96.178	96.062	96.016	95.672	95.292	95.093	
	96.593	96.573	96.552	96.531	96.511	96.474	96.344	96.112	95.843	95.574	95.305	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 ϕ 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

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

0 5m 10m 20m

HORIZONTAL 1:500

0 1m 2m 4m

VERTICAL 1:100

Project Manager
NAME _____

Manager of Design
NAME _____

steer davis gleave

AECOM **DIALOG**

DRAWN: JUAN WU

CHECKED: KATHLEEN GEORJANO

APPROVED: LUIGI BANCU

DATE: 2016/12/15

Hamilton Public Works

RAPIDTransit moving HAMILTON forward

METROLINX
An agency of the Government of Ontario

HAMILTON LRT 'B' LINE

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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC018.dgn User:wuj6 04/01/2017 4:29:18 PM

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

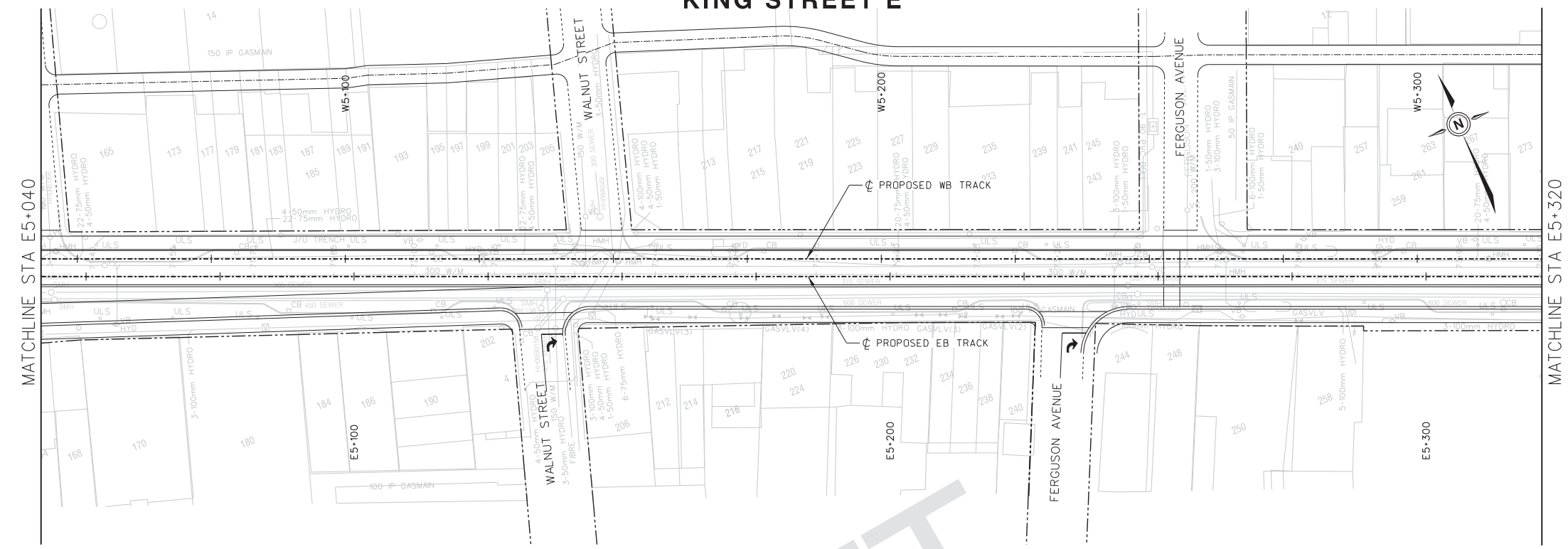


LEGEND

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

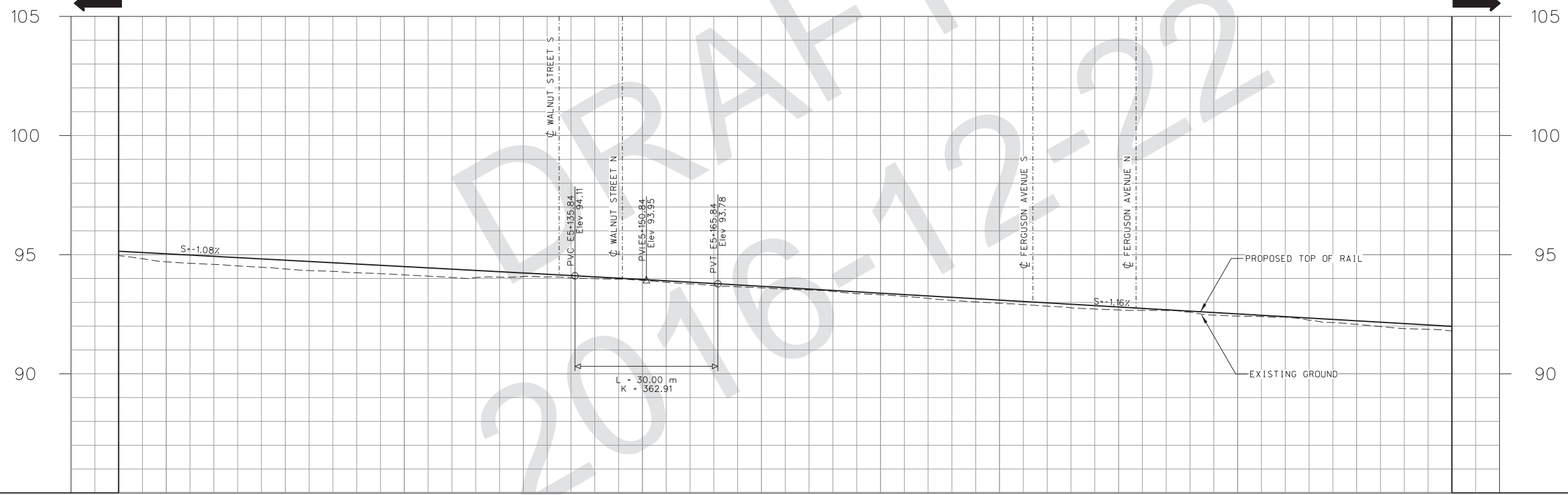
NOT FOR CONSTRUCTION

NOTES:



WESTBOUND

EASTBOUND

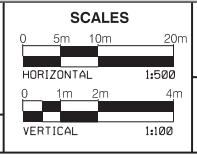


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

94.699	94.399	94.151	94.079	93.917	93.606	93.318	92.958	92.680	92.422	92.076	PROPOSED TOP OF RAIL PROFILE
95.036	94.767	94.498	94.229	93.958	93.671	93.382	93.092	92.802	92.513	92.223	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 ϕ 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

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)
0337HAM002 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

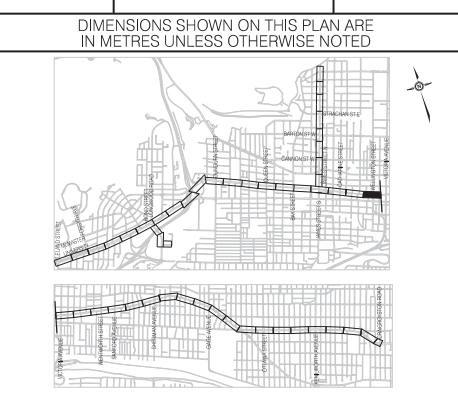


HAMILTON LRT 'B' LINE
PRELIMINARY DESIGN
PLAN AND PROFILE
STA E5+040 TO STA E5+320

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC019.dgn User:wuj6 04/01/2017 4:29:21 PM

KING STREET E

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



LEGEND

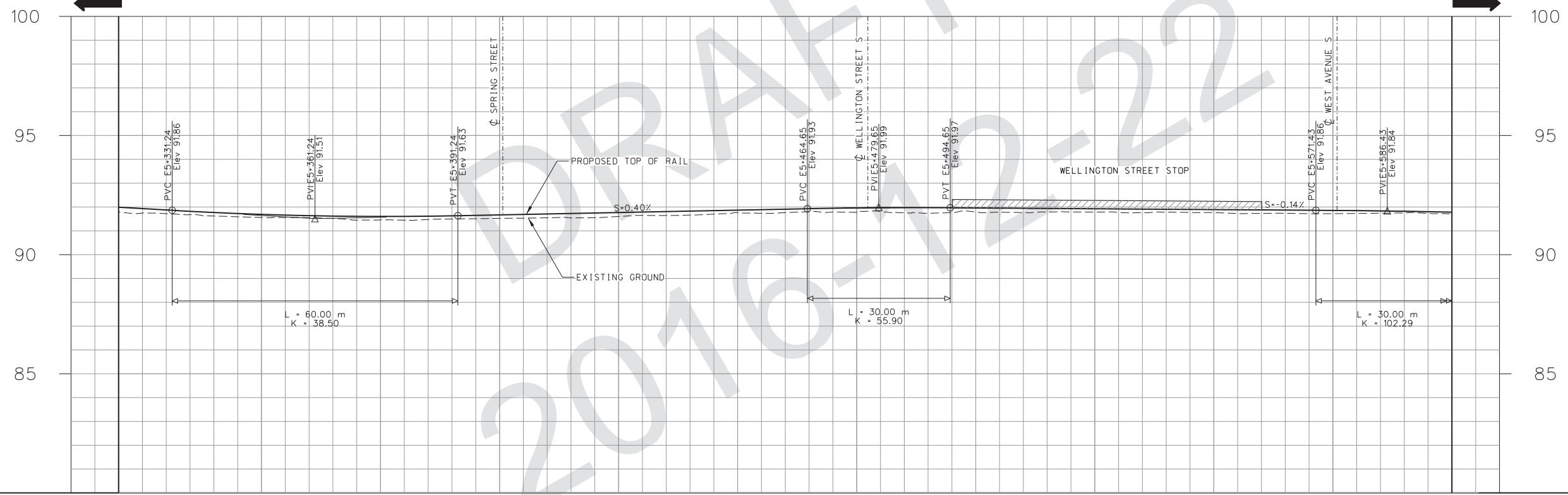
- LRT TRACK CENTRELINE
- - - EXISTING PROPERTY LINE
- - - PROPOSED TOP OF RAIL (PROFILE)
- - - EXISTING GROUND LINE (PROFILE)
- - - EAST BOUND TRACK USED AS REFERENCE LINE

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



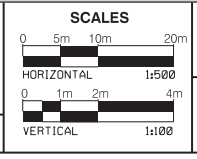
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

91.746	91.559	91.458	91.523	91.601	91.764	91.779	91.790	91.789	91.766	91.721	91.715	PROPOSED TOP OF RAIL PROFILE
91.933	91.689	91.603	91.669	91.769	91.869	91.959	91.959	91.925	91.891	91.856	91.783	EXISTING GROUND ELEVATION
E5+325	E5+350	E5+375	E5+400	E5+425	E5+450	E5+475	E5+500	E5+525	E5+550	E5+575	E5+600	DESIGN ϕ CHAINAGE EASTBOUND TRACK

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC020.dgn
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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

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 GORDANO
 APPROVED: LUORAN BANQU
 DATE: 2016/12/13



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

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



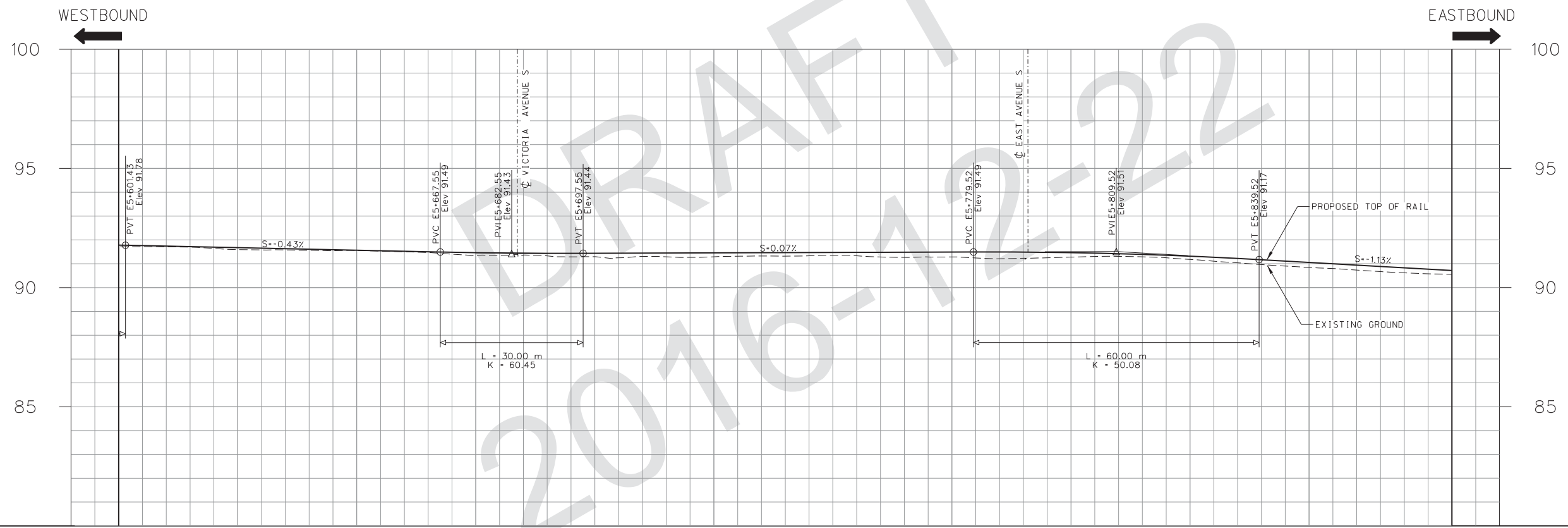
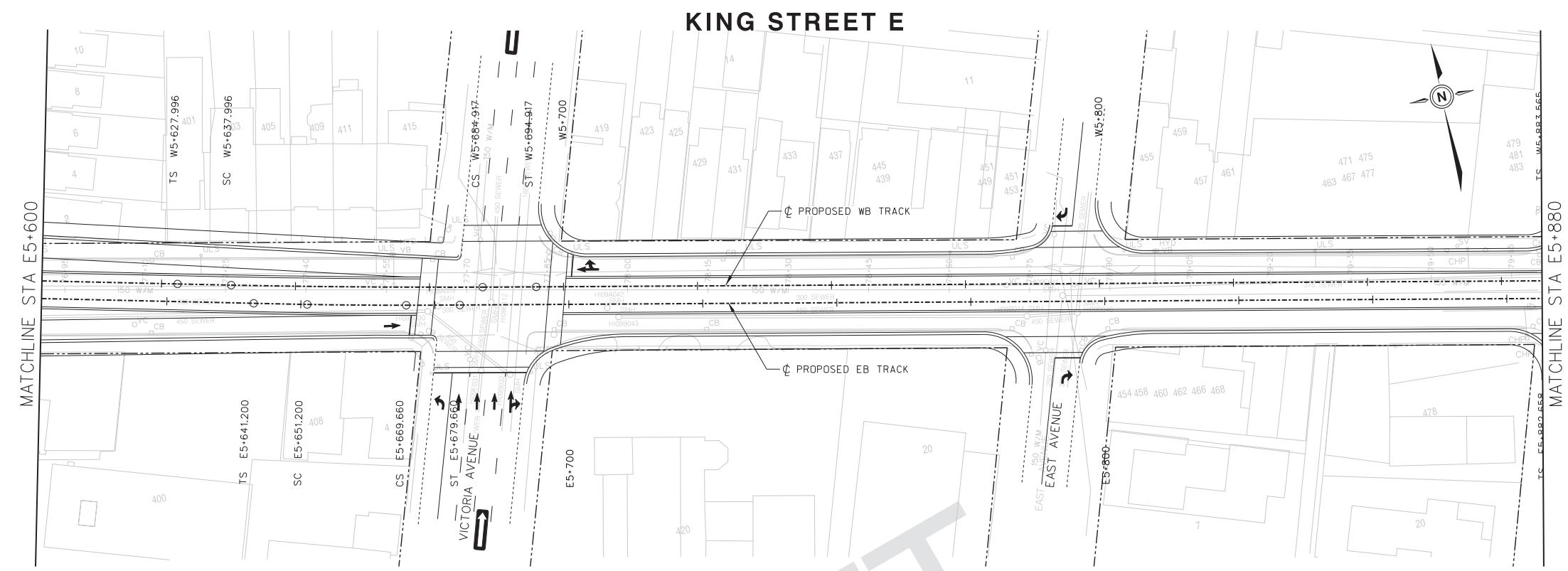
LEGEND

- 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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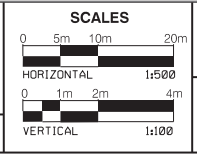


91.715	91.596	91.555	91.346	91.297	91.292	91.357	91.284	91.278	91.180	90.844	90.576	PROPOSED TOP OF RAIL PROFILE
91.783	91.675	91.568	91.465	91.439	91.456	91.473	91.489	91.464	91.316	91.054	90.771	EXISTING GROUND ELEVATION
E5+600	E5+625	E5+650	E5+675	E5+700	E5+725	E5+750	E5+775	E5+800	E5+825	E5+850	E5+875	DESIGN ϕ CHAINAGE EASTBOUND TRACK

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC021.dgn
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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

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

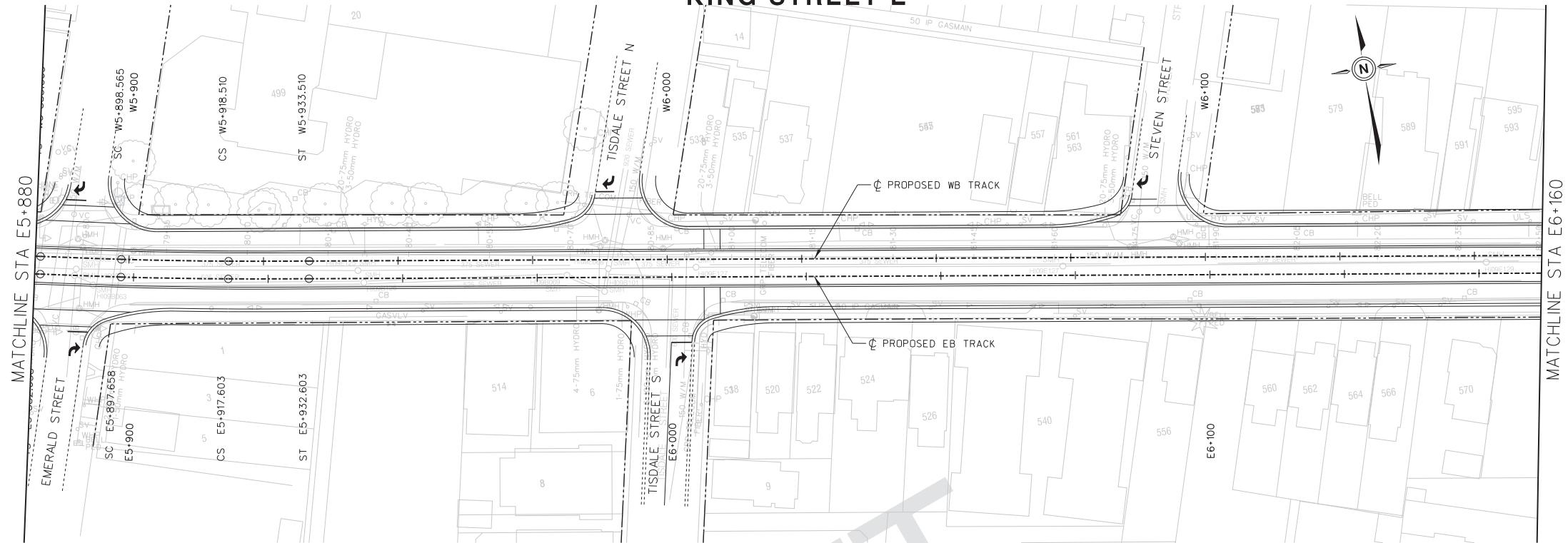


DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANCU
 DATE: 2016/12/13



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

KING STREET E



FILE No. _____ CONTRACT No. C11-12-10 SHEET No. _____
 DWG. No. HALRT-RD-NC022

DIMENSIONS SHOWN ON THIS PLAN ARE
 IN METRES UNLESS OTHERWISE NOTED



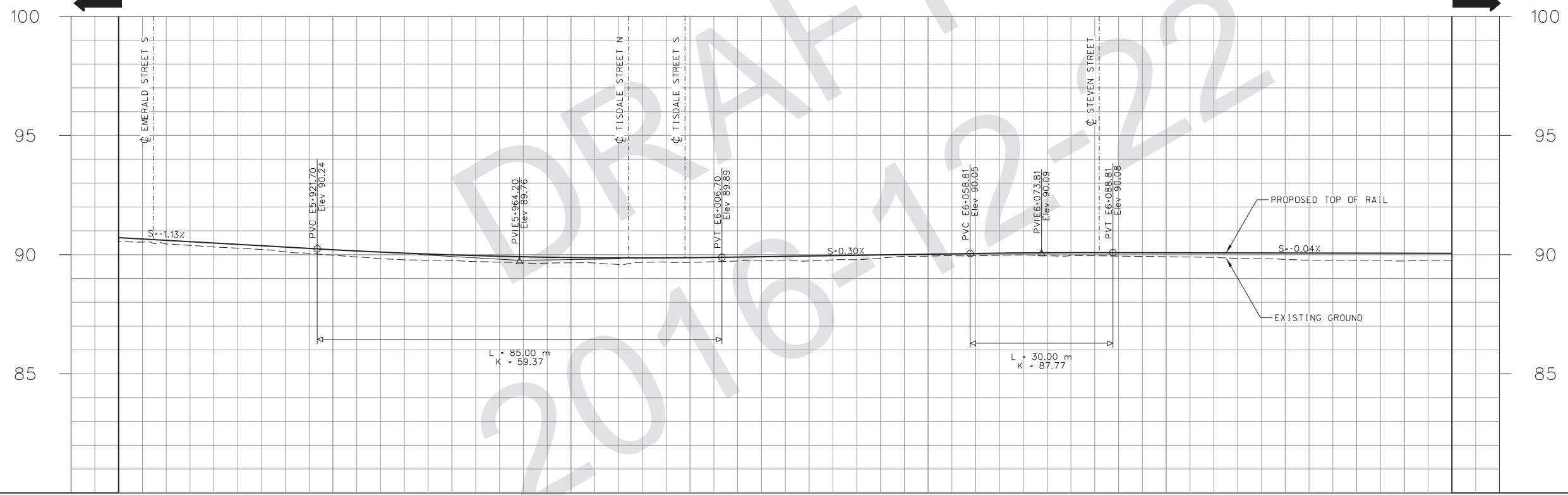
LEGEND

- 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



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	90.320	89.977	89.751	89.657	89.671	89.734	89.939	89.950	89.915	89.800	89.736	
	90.488	90.206	89.990	89.878	89.873	89.944	90.019	90.079	90.079	90.069	90.058	
	E5+900	E5+925	E5+950	E5+975	E6+000	E6+025	E6+050	E6+075	E6+100	E6+125	E6+150	

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

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 0 5m 10m 20m HORIZONTAL 1:500 0 1m 2m 4m VERTICAL 1:100	Project Manager NAME _____ Manager of Design NAME _____ NAME _____
---	--

DRAWN: JUAN WU CHECKED: KATHLEEN GORDANO APPROVED: LUQIAN BANQU DATE: 2016/12/13	
---	--

HAMILTON LRT 'B' LINE

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

\\CATRTT\F001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC022.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

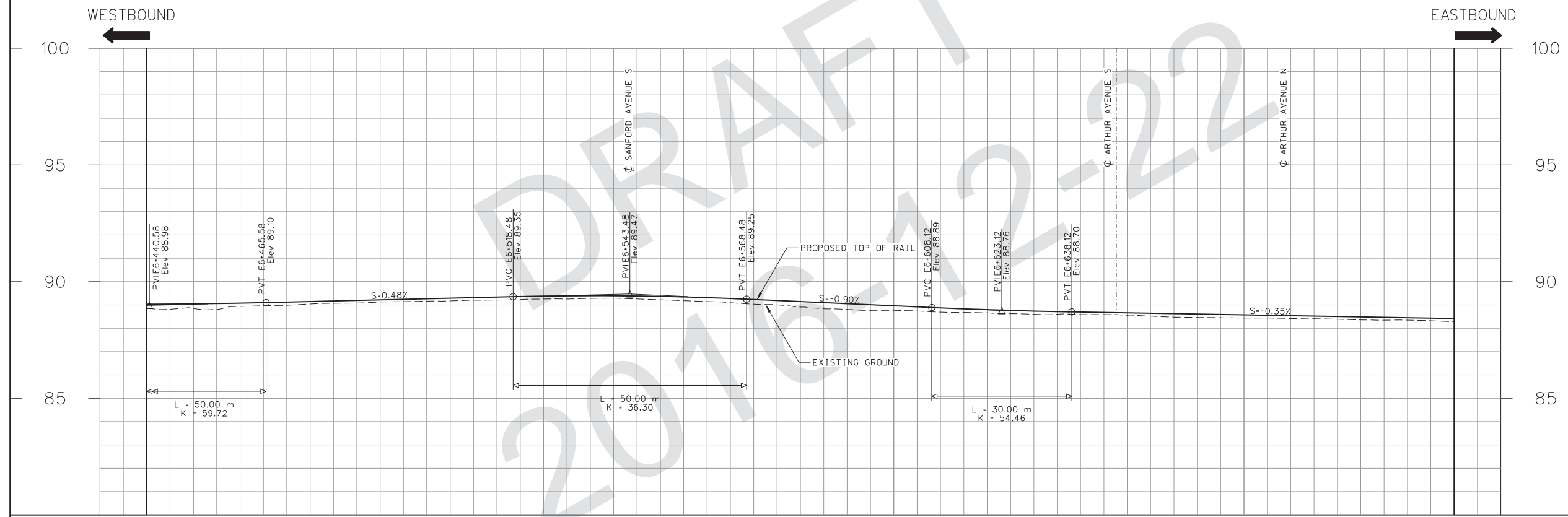
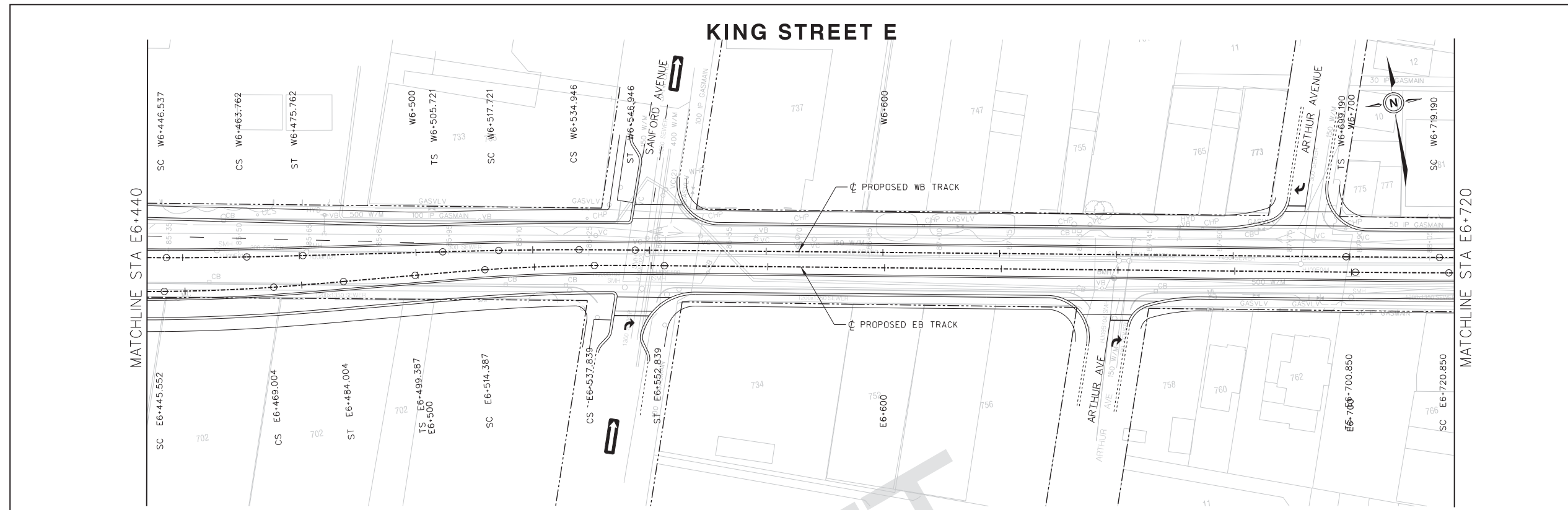


LEGEND

- 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:

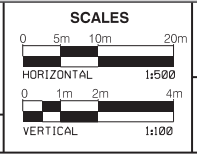


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88.854	89.041	89.159	89.255	89.221	89.003	88.768	88.626	88.557	88.438	88.358	PROPOSED TOP OF RAIL PROFILE
89.046	89.145	89.265	89.378	89.366	89.188	88.963	88.765	88.662	88.574	88.487	EXISTING GROUND ELEVATION
E6+450	E6+475	E6+500	E6+525	E6+550	E6+575	E6+600	E6+625	E6+650	E6+675	E6+700	DESIGN ϕ 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

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 GORDANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



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

\\CATRTT\F001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC024.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

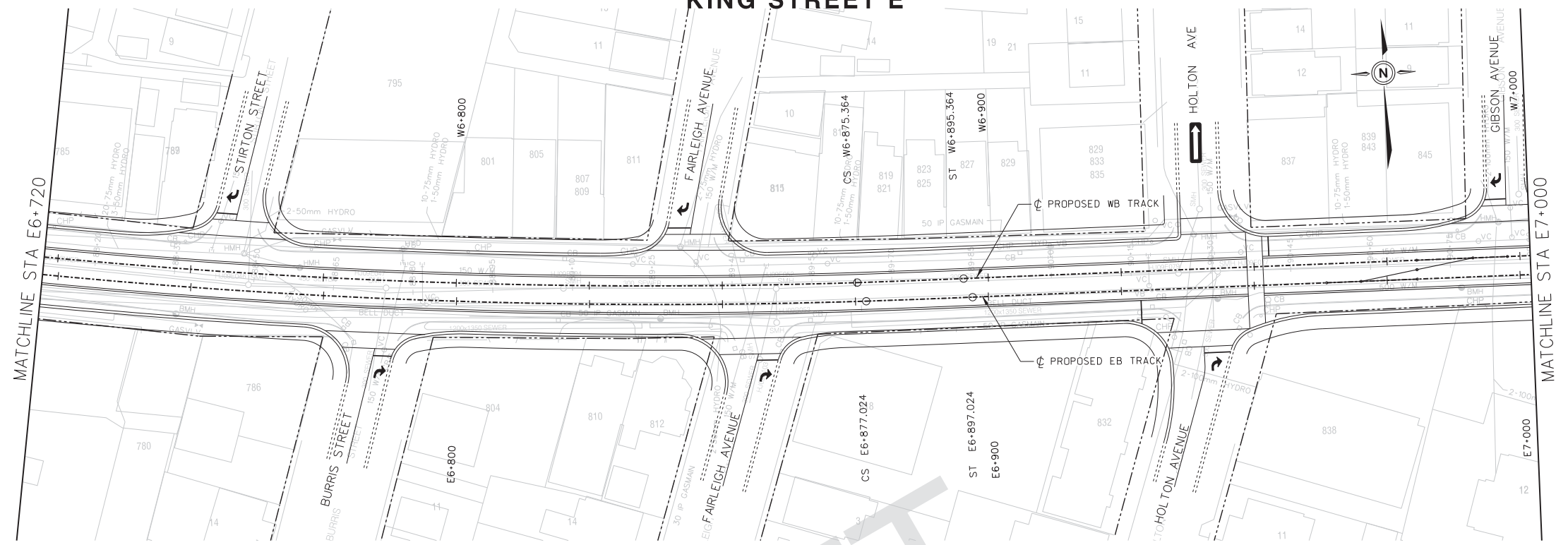
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0+000.00 STATIONING ON EB TRACK
- W0+000.00 STATIONING ON WB TRACK
- N0+000.00 STATIONING ON NB TRACK
- S0+000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

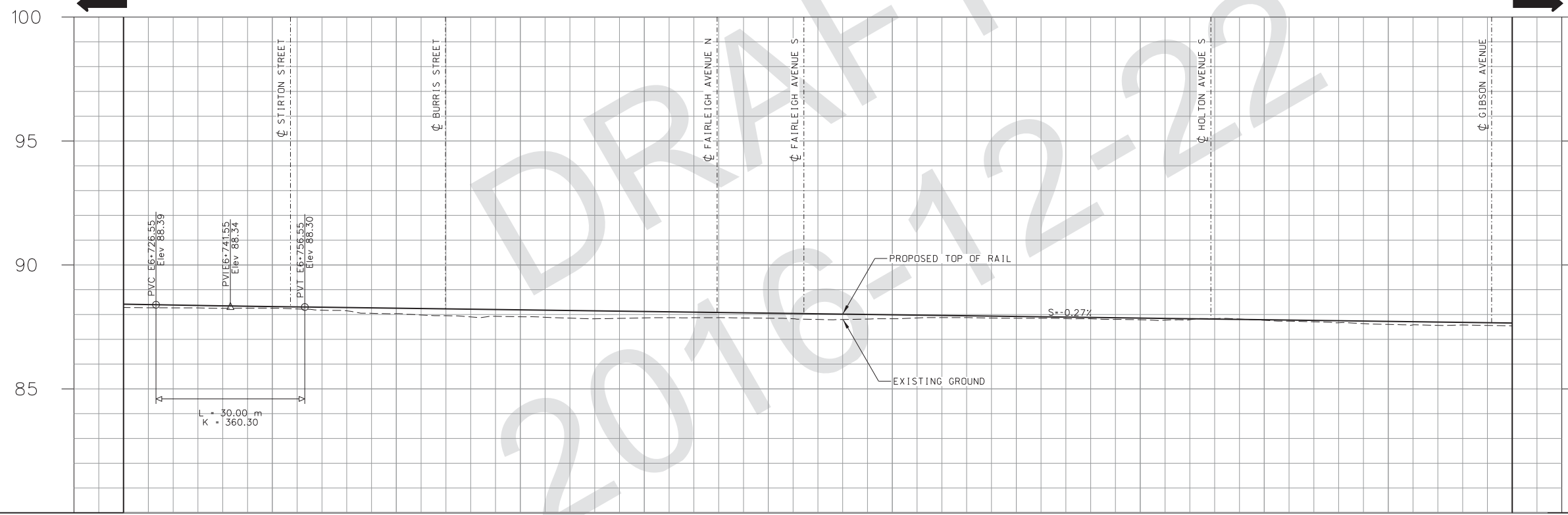
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KING STREET E



WESTBOUND

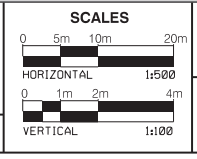
EASTBOUND



88.272	88.254	88.036	87.910	87.863	87.851	87.829	87.849	87.789	87.766	87.602	87.538	PROPOSED TOP OF RAIL PROFILE
88.400	88.320	88.253	88.187	88.120	88.054	87.987	87.921	87.854	87.788	87.721	87.655	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 ϕ 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

REFERENCE MATERIAL:
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)
 0337HAM002 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



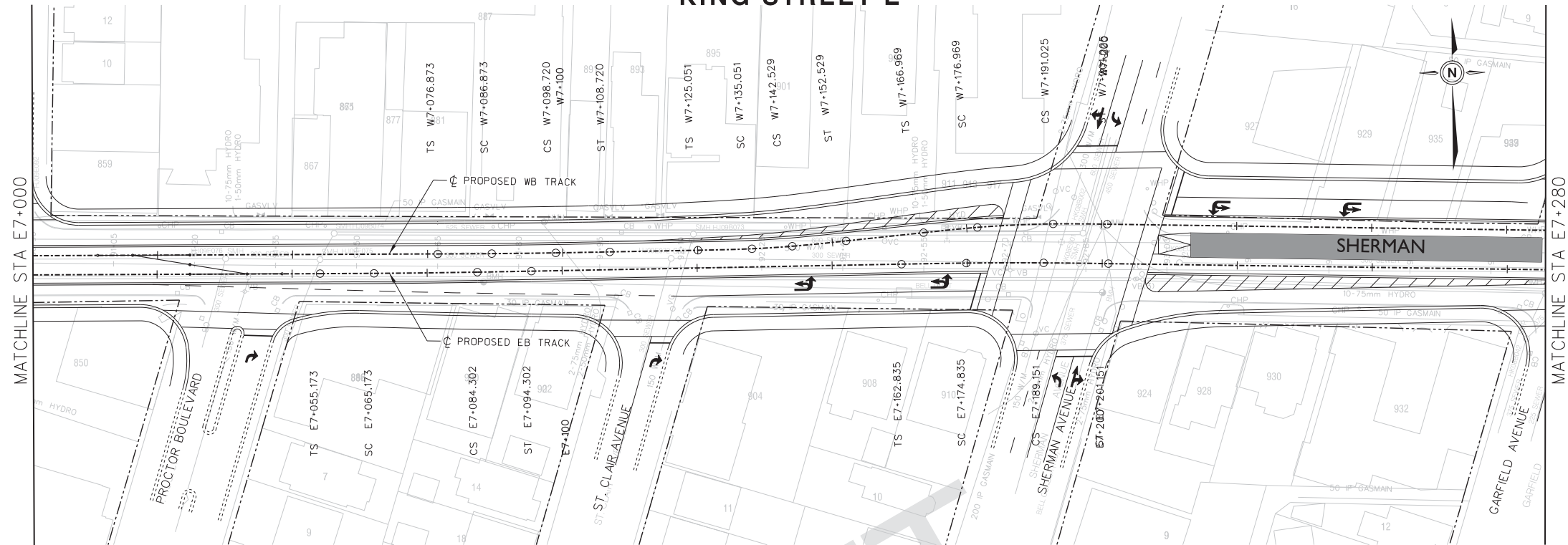
DRAWN: JUAN WU
 CHECKED: KATHLEEN GIORGANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E6+720 TO STA E7+000

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC025.dgn
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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



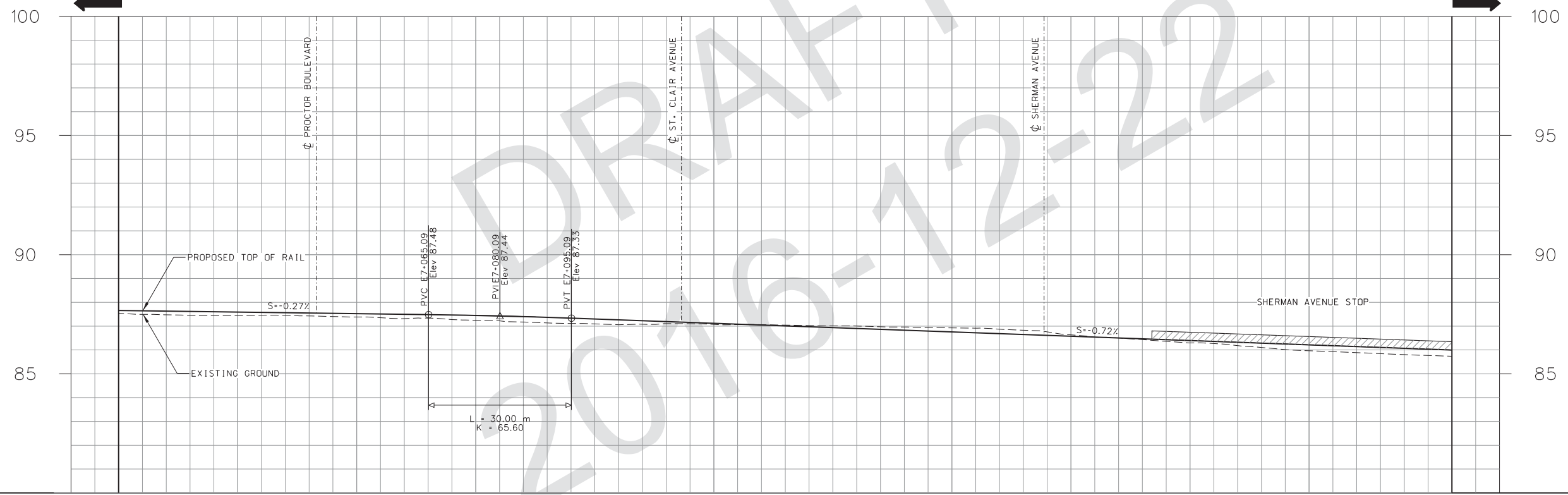
LEGEND

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

87.538	87.443	87.385	87.247	87.094	87.071	87.008	86.927	86.633	86.295	85.967	85.769	PROPOSED TOP OF RAIL PROFILE
87.655	87.588	87.522	87.448	87.298	87.117	86.936	86.756	86.575	86.394	86.213	86.032	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 ϕ 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

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

Hamilton Public Works

RAPID Transit moving HAMILTON forward

METROLINX An agency of the Government of Ontario

HAMILTON LRT 'B' LINE

PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E7+000 TO STA E7+280

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC026.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



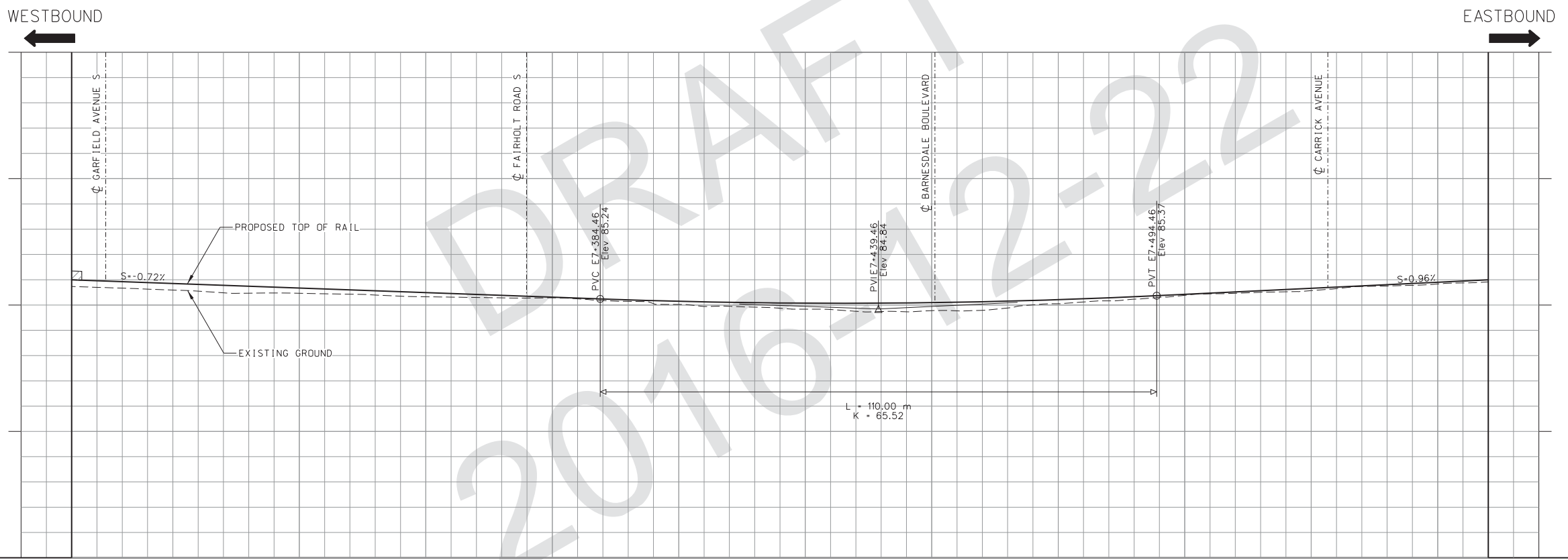
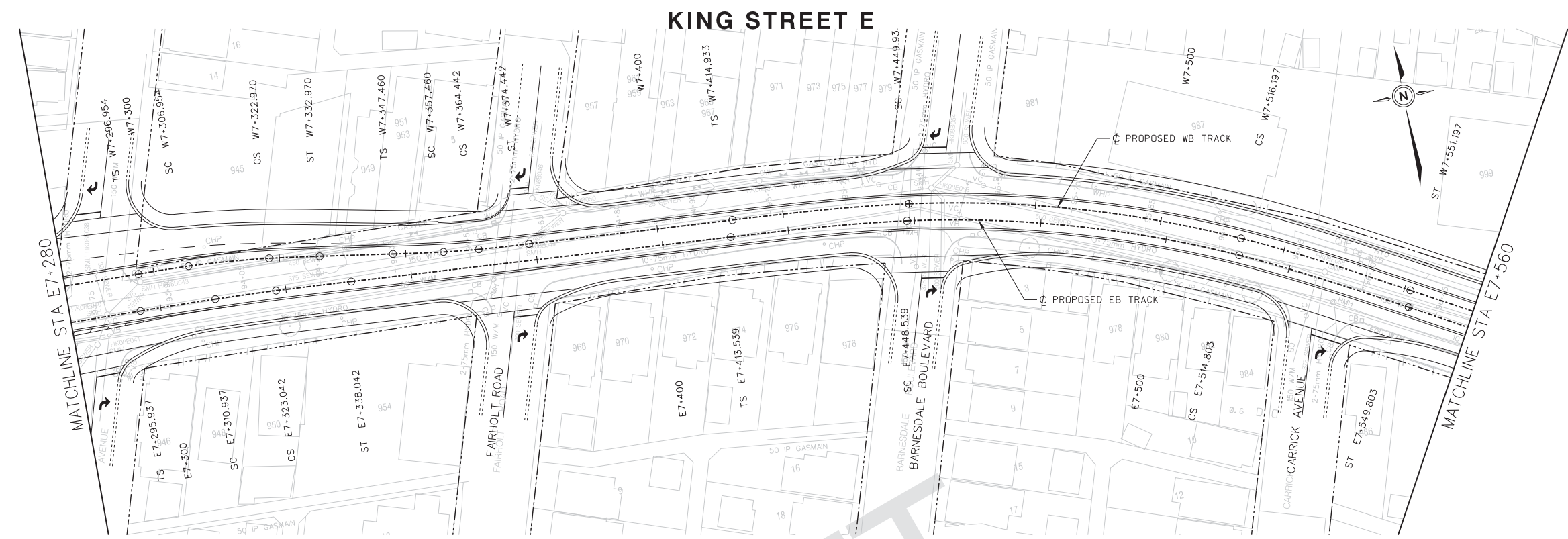
LEGEND

- 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:

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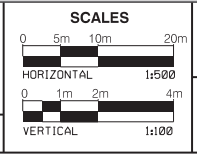


85.592	85.464	85.326	85.286	85.023	84.836	84.778	85.052	85.383	85.569	85.834	PROPOSED TOP OF RAIL PROFILE
85.852	85.671	85.490	85.309	85.147	85.073	85.095	85.212	85.422	85.660	85.899	EXISTING GROUND ELEVATION
E7+300	E7+325	E7+350	E7+375	E7+400	E7+425	E7+450	E7+475	E7+500	E7+525	E7+550	DESIGN CL CHAINAGE EASTBOUND TRACK

\\CATRIT\FP001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC027.dgn
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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

REFERENCE MATERIAL:
 Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011)
 0337HAM1002 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 GORRANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E7+280 TO STA E7+560

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

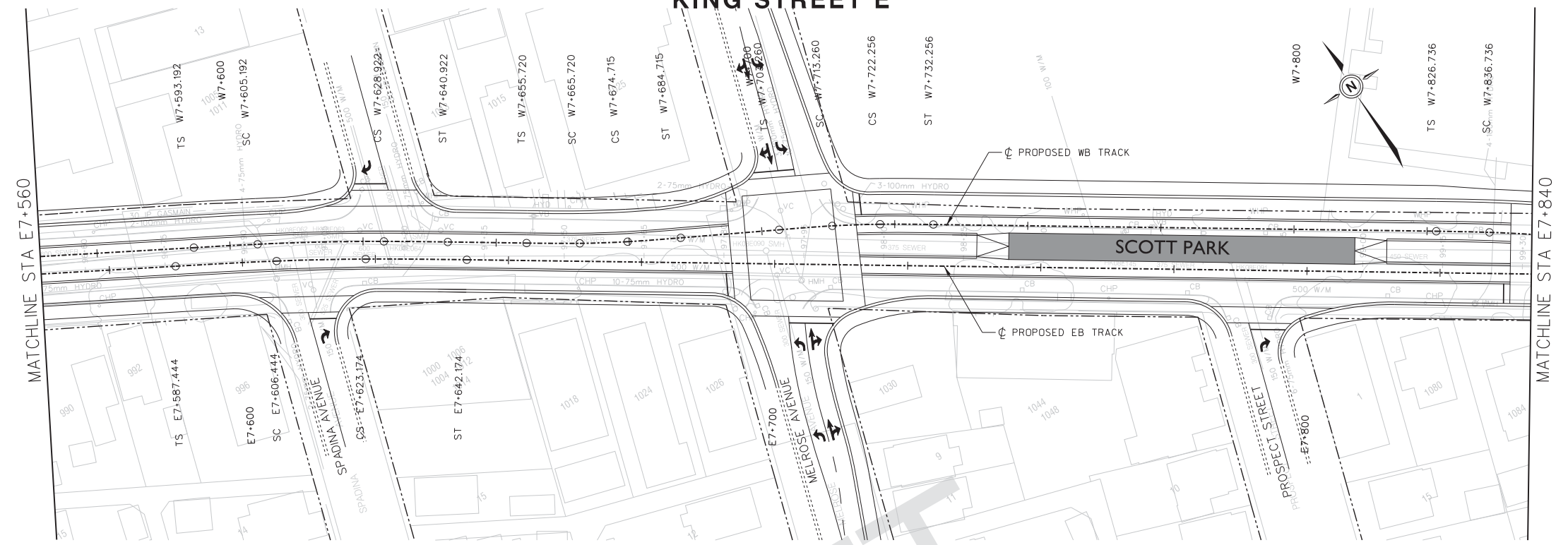
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0-000.00 STATIONING ON EB TRACK
- W0-000.00 STATIONING ON WB TRACK
- N0-000.00 STATIONING ON NB TRACK
- S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

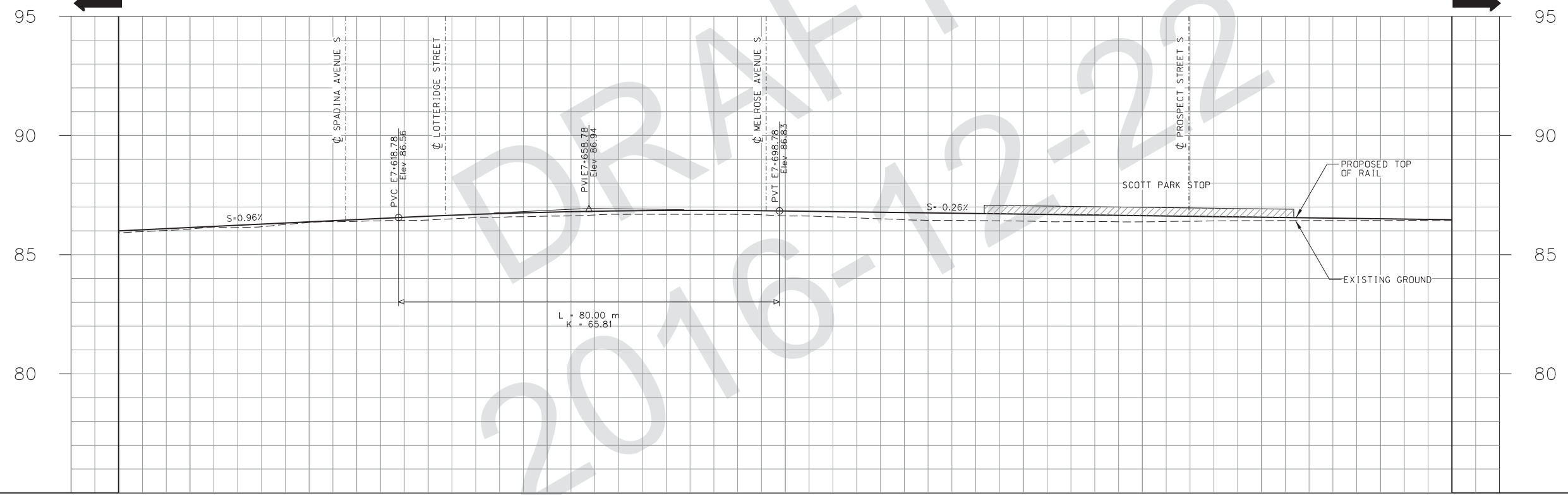
THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

KING STREET E



WESTBOUND

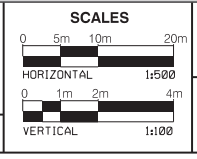
EASTBOUND



86.077	86.348	86.455	86.616	86.691	86.627	86.465	86.407	86.377	86.427	86.432	PROPOSED TOP OF RAIL PROFILE
86.138	86.377	86.613	86.781	86.854	86.832	86.767	86.702	86.637	86.572	86.507	EXISTING GROUND ELEVATION
E7+575	E7+600	E7+625	E7+650	E7+675	E7+700	E7+725	E7+750	E7+775	E7+800	E7+825	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

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 GIORGANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/15



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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track_HALRT-RD-NC028.dgn
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KING STREET E

FILE No. _____ CONTRACT No. C11-12-10 SHEET No. _____
 DWG. No. HALRT-RD-NC029

DIMENSIONS SHOWN ON THIS PLAN ARE
 IN METRES UNLESS OTHERWISE NOTED



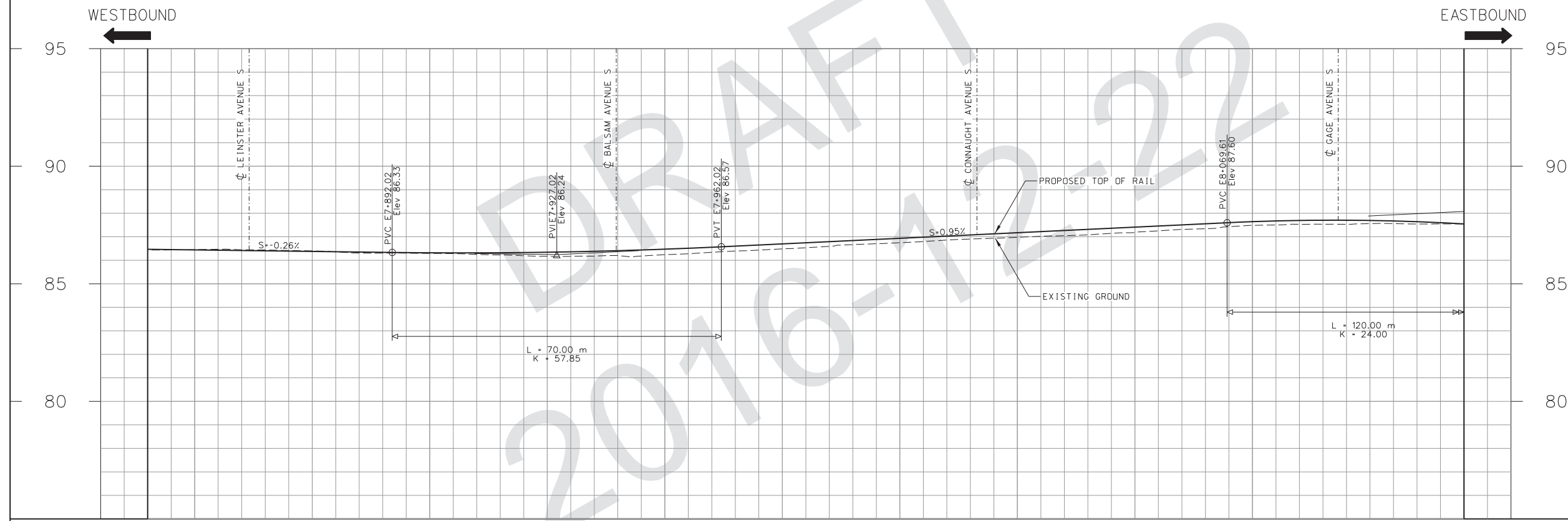
LEGEND

- 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:

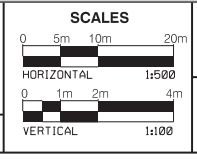
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	86.453	86.399	86.291	86.165	86.241	86.486	86.745	86.975	87.179	87.485	87.558	PROPOSED TOP OF RAIL PROFILE
	86.442	86.377	86.317	86.341	86.472	86.697	86.935	87.172	87.410	87.641	87.692	EXISTING GROUND ELEVATION
	E7+850	E7+875	E7+900	E7+925	E7+950	E7+975	E8+000	E8+025	E8+050	E8+075	E8+100	DESIGN 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

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 E7+840 TO STA E8+120

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KING STREET E

FILE No. CONTRACT No. C11-12-10 SHEET No.
 DWG. No. HALRT-RD-NC030

DIMENSIONS SHOWN ON THIS PLAN ARE
 IN METRES UNLESS OTHERWISE NOTED

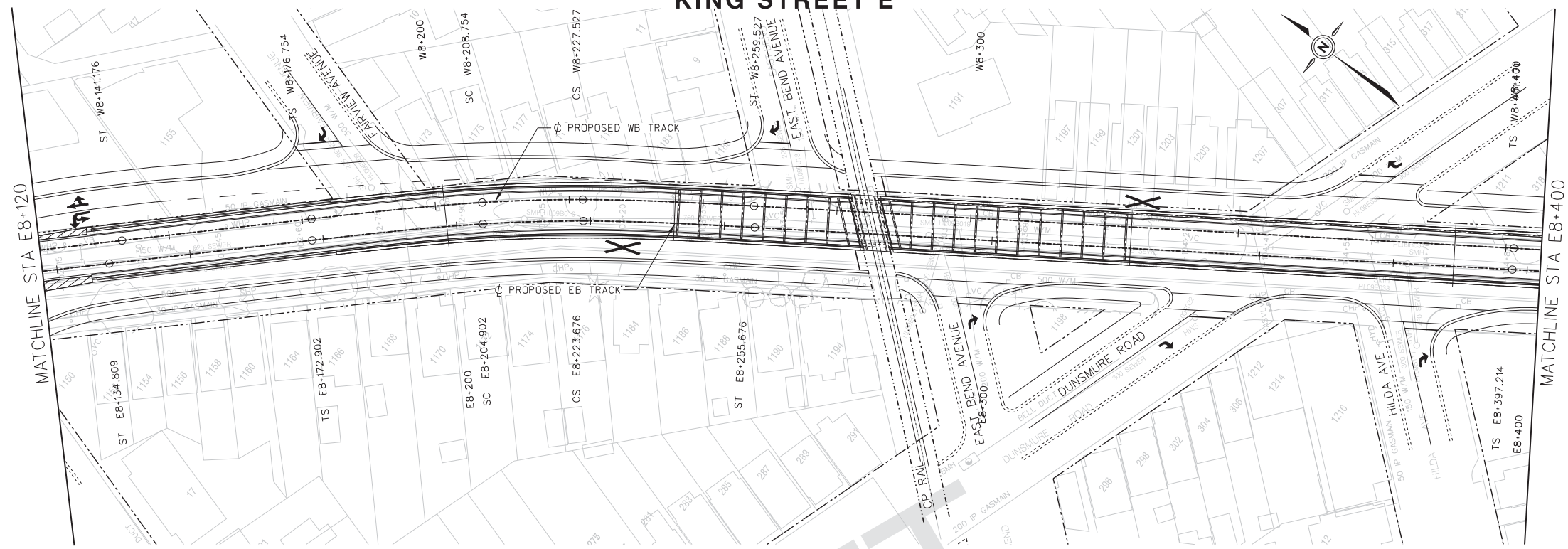


LEGEND

- 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

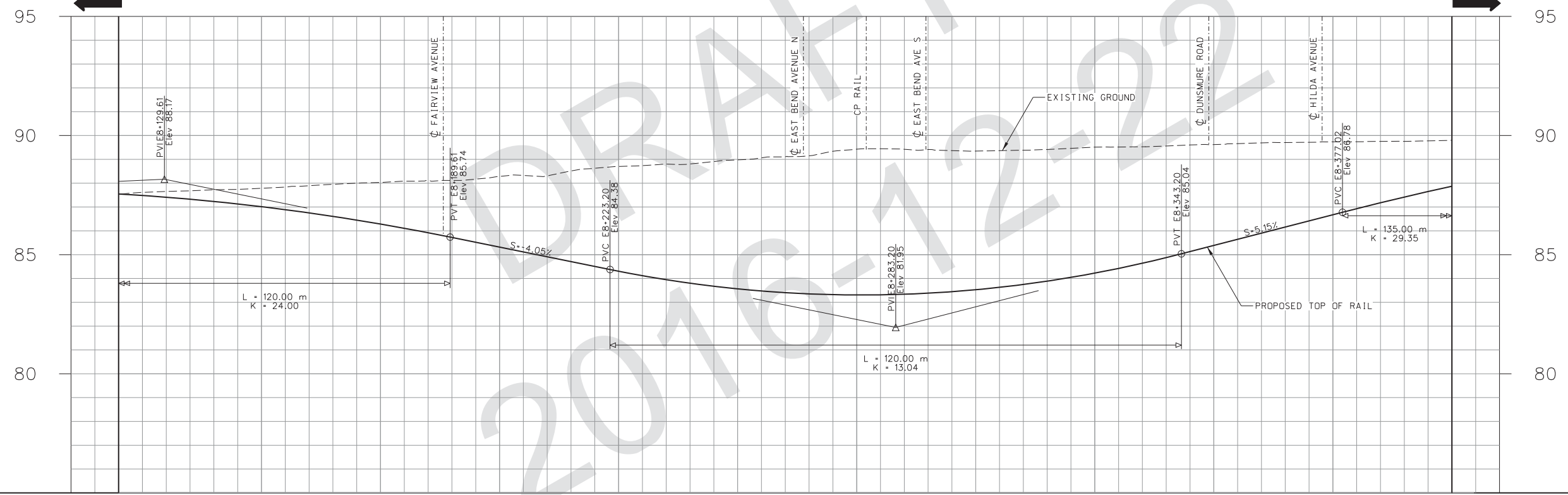
NOT FOR CONSTRUCTION

NOTES:



WESTBOUND ←

→ EASTBOUND

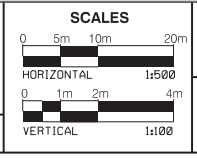


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	87.614	87.785	88.030	88.284	88.703	88.978	89.426	89.348	89.513	89.619	89.735	89.801	PROPOSED TOP OF RAIL PROFILE
	87.483	87.014	86.283	85.315	84.304	83.566	83.307	83.527	84.226	85.386	86.674	87.871	EXISTING GROUND ELEVATION
	E8+125	E8+150	E8+175	E8+200	E8+225	E8+250	E8+275	E8+300	E8+325	E8+350	E8+375	E8+400	DESIGN 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

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

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDON
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/15

HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E8+120 TO STA E8+400

\\CATRIT\FP001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC030.dgn
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KING STREET E

FILE No. CONTRACT No. C11-12-10 SHEET No.
 DWG. No. HALRT-RD-NC031

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

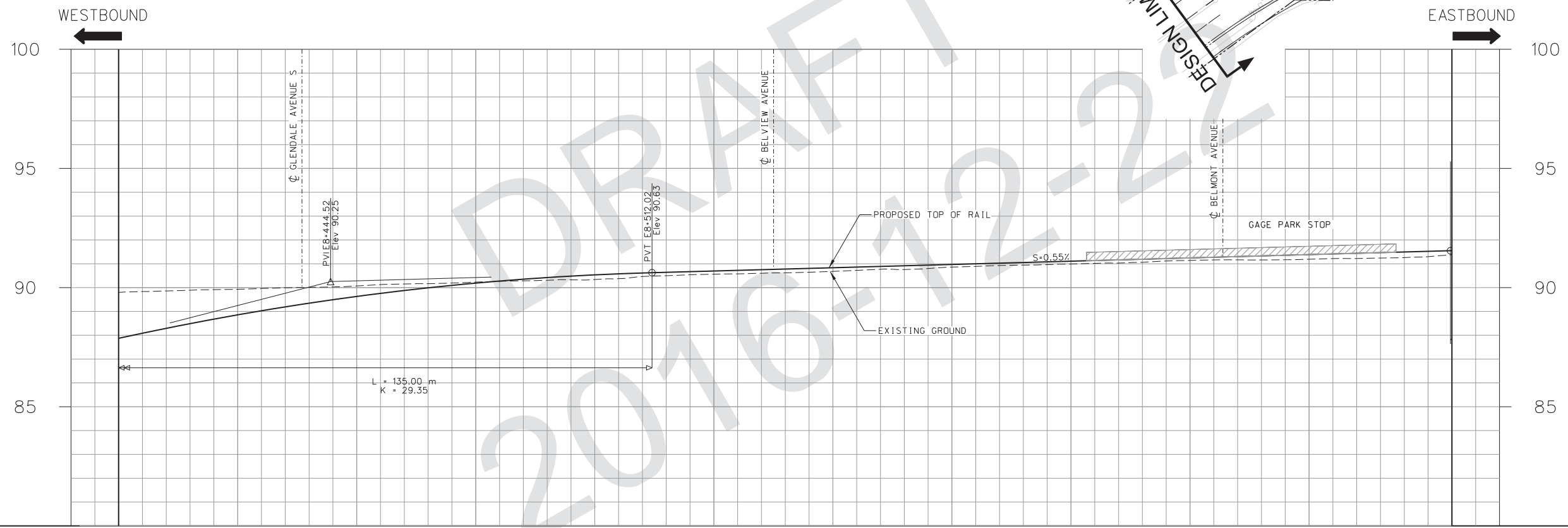
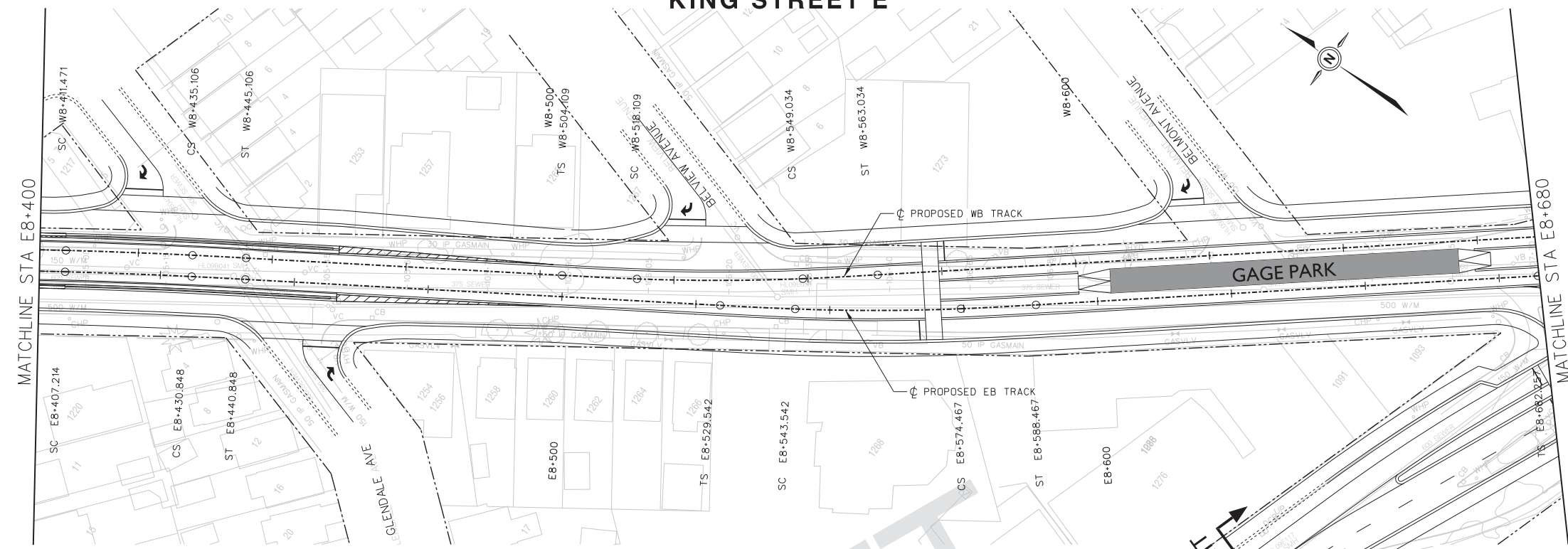


LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
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- 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:

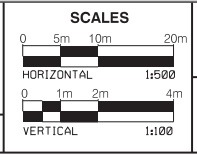


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89.801	89.927	90.069	90.229	90.338	90.562	90.678	90.859	90.987	91.141	91.190	91.296	PROPOSED TOP OF RAIL PROFILE
87.871	88.857	89.629	90.188	90.534	90.697	90.834	90.972	91.109	91.247	91.384	91.522	EXISTING GROUND ELEVATION
E8+400	E8+425	E8+450	E8+475	E8+500	E8+525	E8+550	E8+575	E8+600	E8+625	E8+650	E8+675	DESIGN ϕ 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

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 E8+400 TO STA E8+680

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC031.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

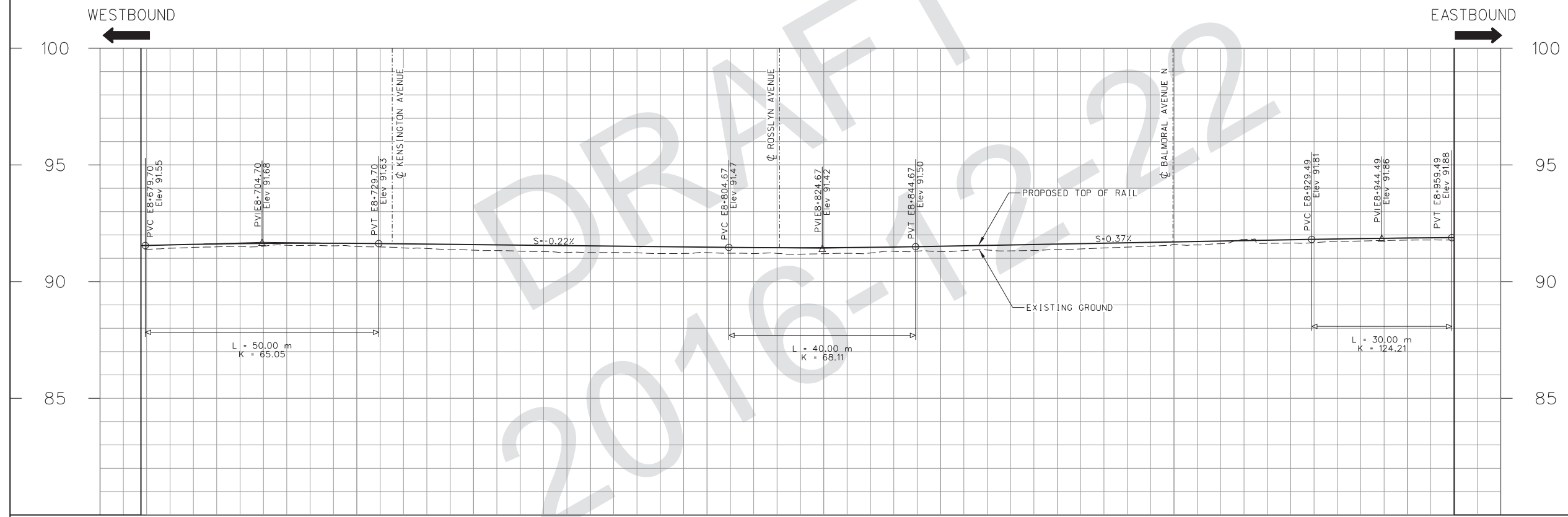
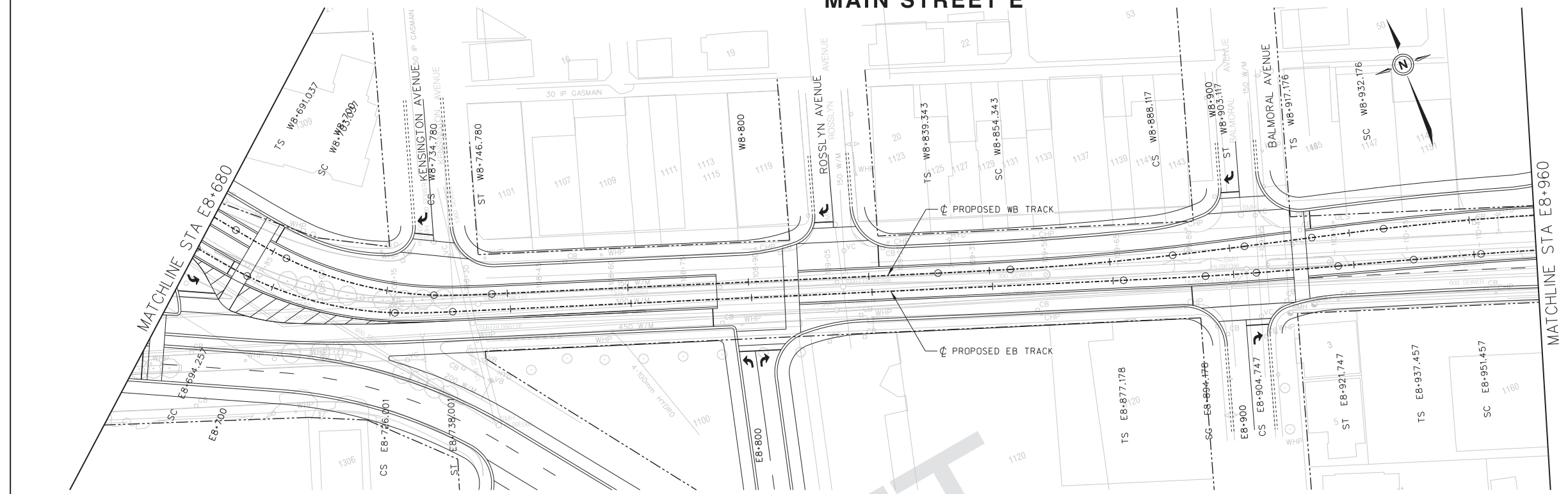
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
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NOT FOR CONSTRUCTION

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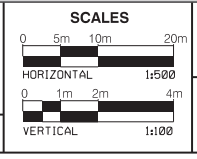
MAIN STREET E



91.505	91.501	91.347	91.246	91.242	91.196	91.285	91.385	91.598	91.650	91.777	PROPOSED TOP OF RAIL PROFILE
91.627	91.639	91.586	91.531	91.477	91.452	91.516	91.608	91.700	91.792	91.868	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 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

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 Public Works
 RAPID Transit moving HAMILTON forward
 METROLINX An agency of the Government of Ontario

HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E8+680 TO STA E8+960

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC032.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



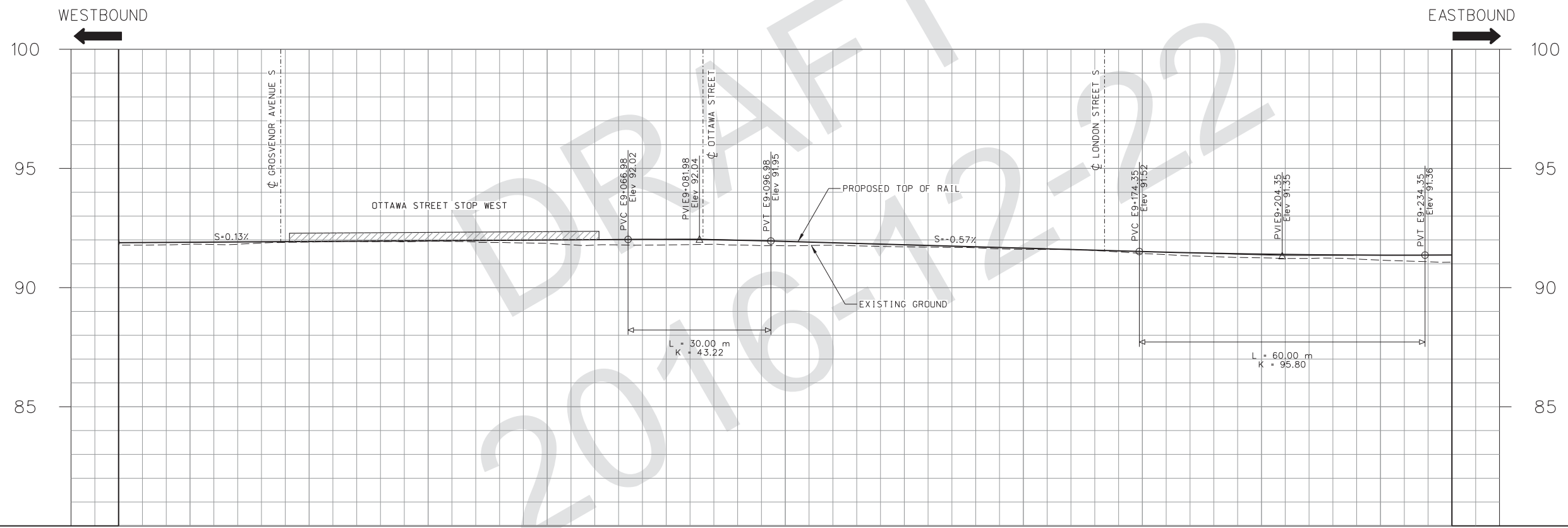
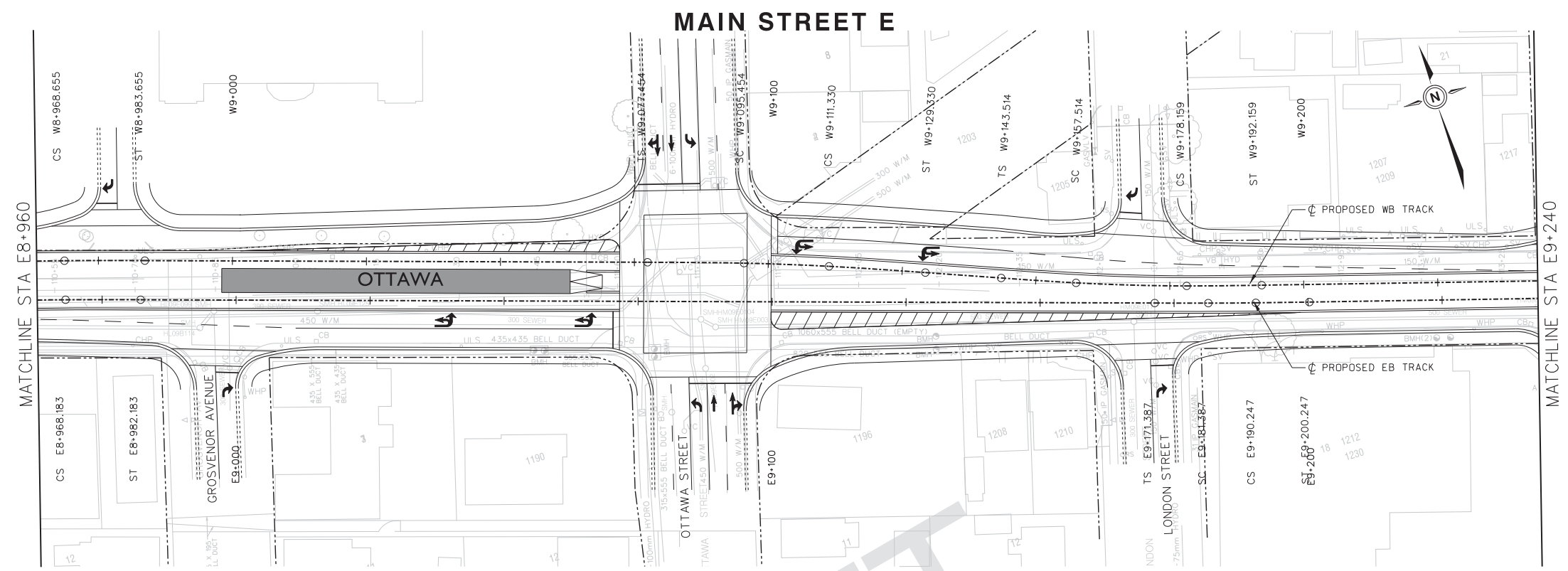
LEGEND

- LRT TRACK CENTRELINE
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- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
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- W0+000.00 STATIONING ON WB TRACK
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11822	91.822	91.822	PROPOSED TOP OF RAIL PROFILE
91.903	91.903	91.903	EXISTING GROUND ELEVATION
E8+975	E9+000	E9+025	DESIGN C CHAINAGE EASTBOUND TRACK
91.998	91.998	91.998	
92.023	92.023	92.023	
91.937	91.937	91.937	
91.795	91.795	91.795	
91.653	91.653	91.653	
91.512	91.512	91.512	
91.404	91.404	91.404	
91.362	91.362	91.362	

No.	REVISIONS	INITIAL	DATE
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 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 **DIALOG** **steer davis gleave**

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANCU
 DATE: 2016/12/13

Hamilton Public Works **RAPIDTransit** **METROLINX**
 moving HAMILTON forward
 An agency of the Government of Ontario

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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC033.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



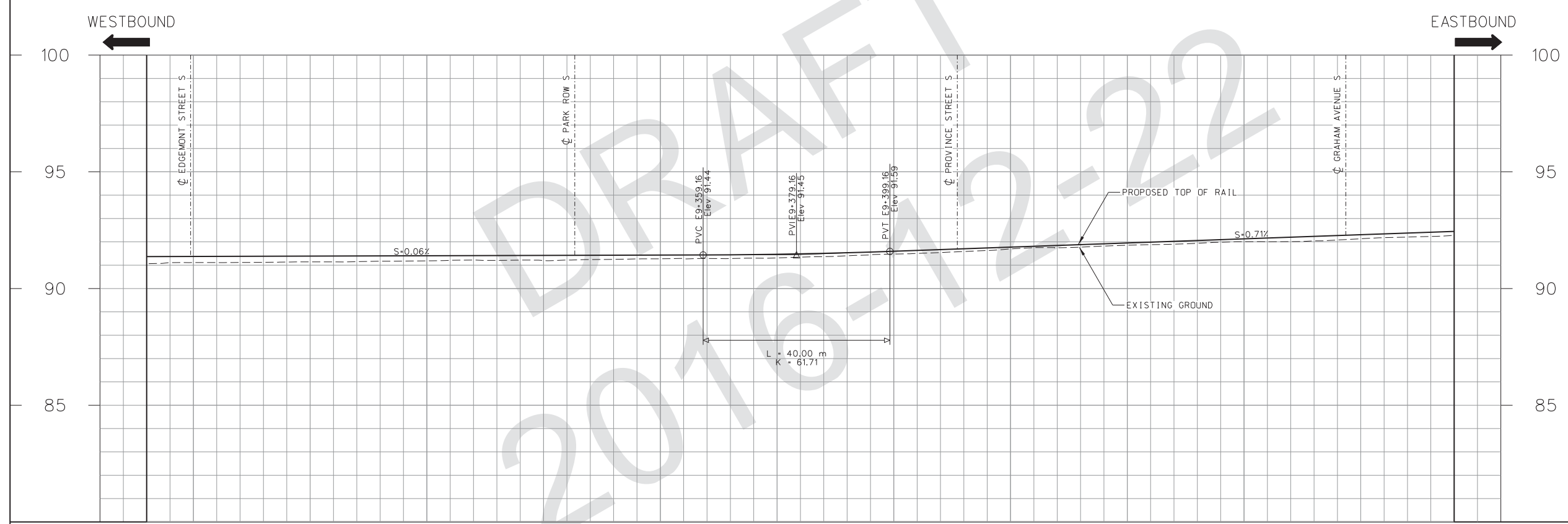
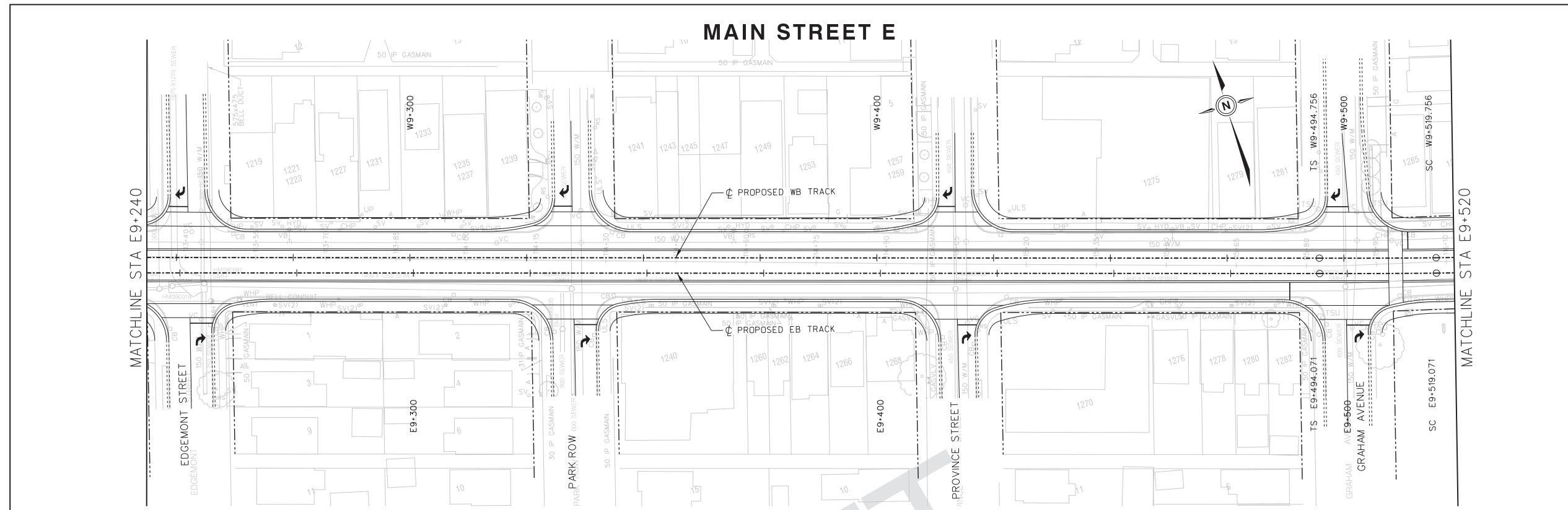
LEGEND

- 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:

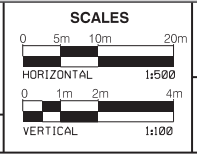


THE PRELIMINARY ENGINEERING DRAWINGS ARE SUBJECT TO FINAL ENGINEERING DETAIL DRAWINGS AND REVIEW, LEGAL AND GEODETIC SURVEY INFORMATION, UNDERGROUND INFRASTRUCTURE RELOCATION STRATEGIES, ETC.

91.112	91.141	91.186	91.200	91.273	91.311	91.476	91.697	91.853	92.004	92.152	PROPOSED TOP OF RAIL PROFILE
91.372	91.387	91.402	91.417	91.431	91.466	91.596	91.773	91.950	92.127	92.303	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 & 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

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 E9+240 TO STA E9+520

\\CAITR1\FP001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC034.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



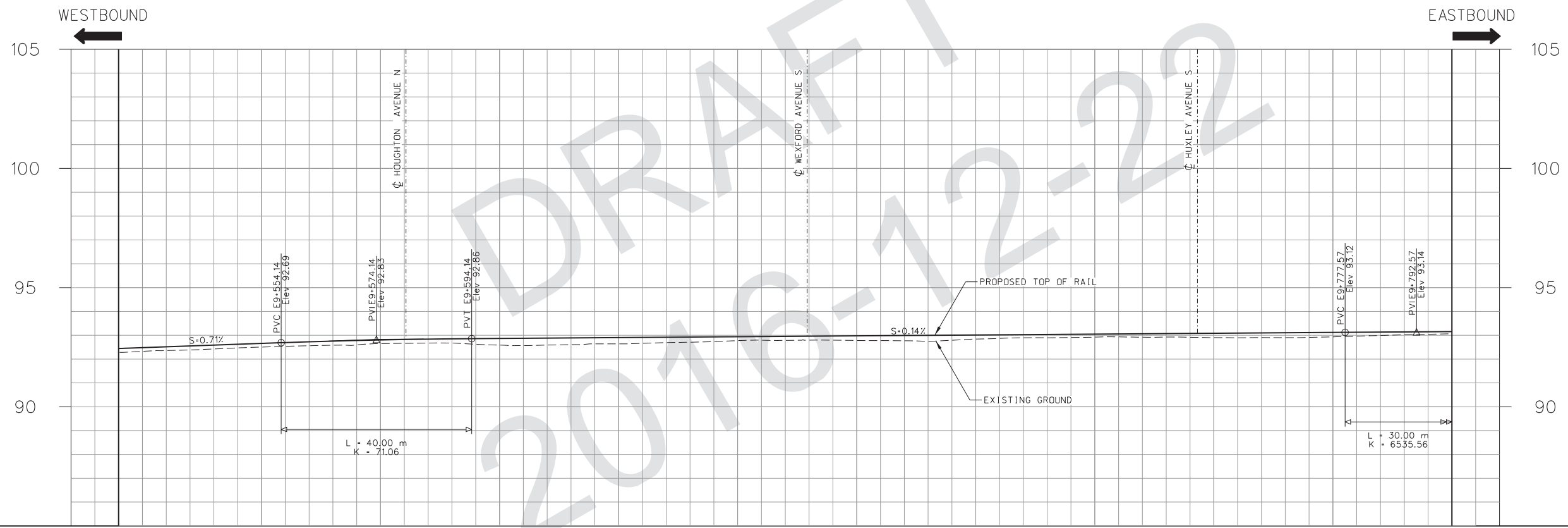
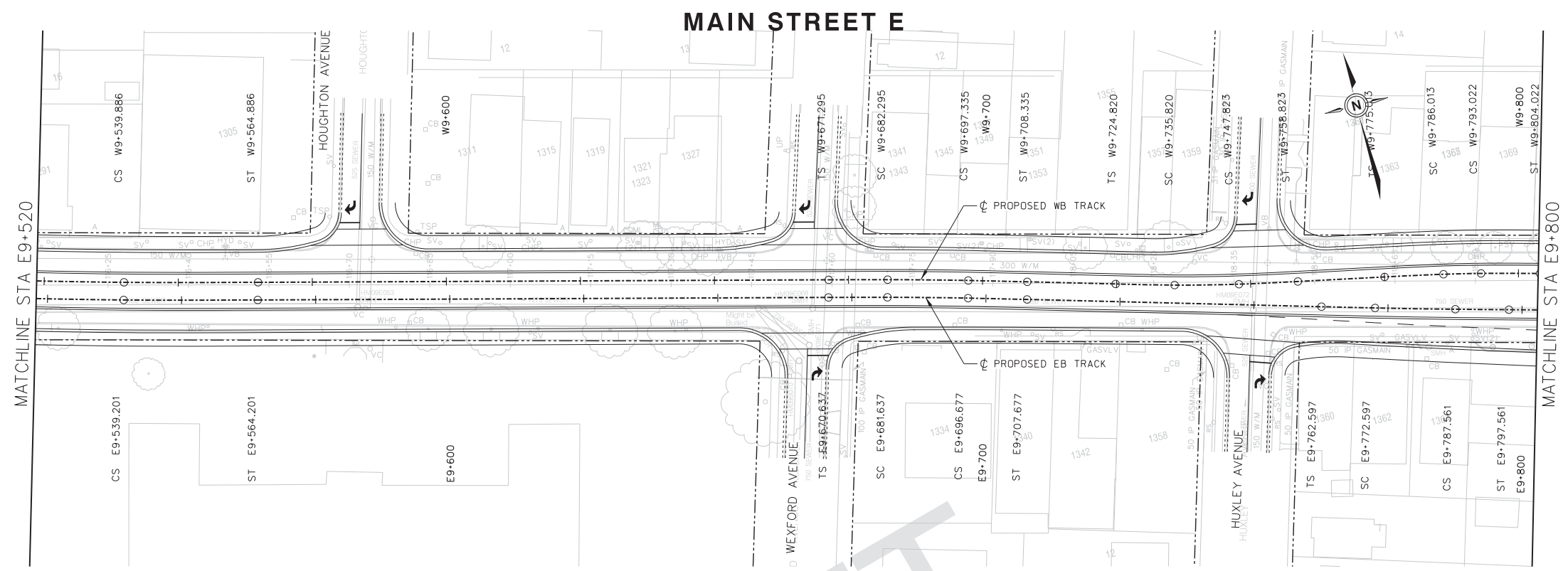
LEGEND

- 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:

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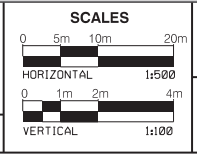


\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC035.dgn
 User:wuj6 04/01/2017 4:30:14 PM

E9+525	92.323	92.480	92.504	92.649	92.586	92.639	92.776	92.781	92.839	92.920	92.900	92.933	93.065	PROPOSED TOP OF RAIL PROFILE											
		92.480	92.657	92.803	92.865	92.901	92.938	92.974	93.010	93.046	93.082	93.118	93.154	EXISTING GROUND ELEVATION											
E9+525			E9+550		E9+575		E9+600		E9+625		E9+650		E9+675		E9+700		E9+725		E9+750		E9+775		E9+800		DESIGN C 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

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 GORRANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



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

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



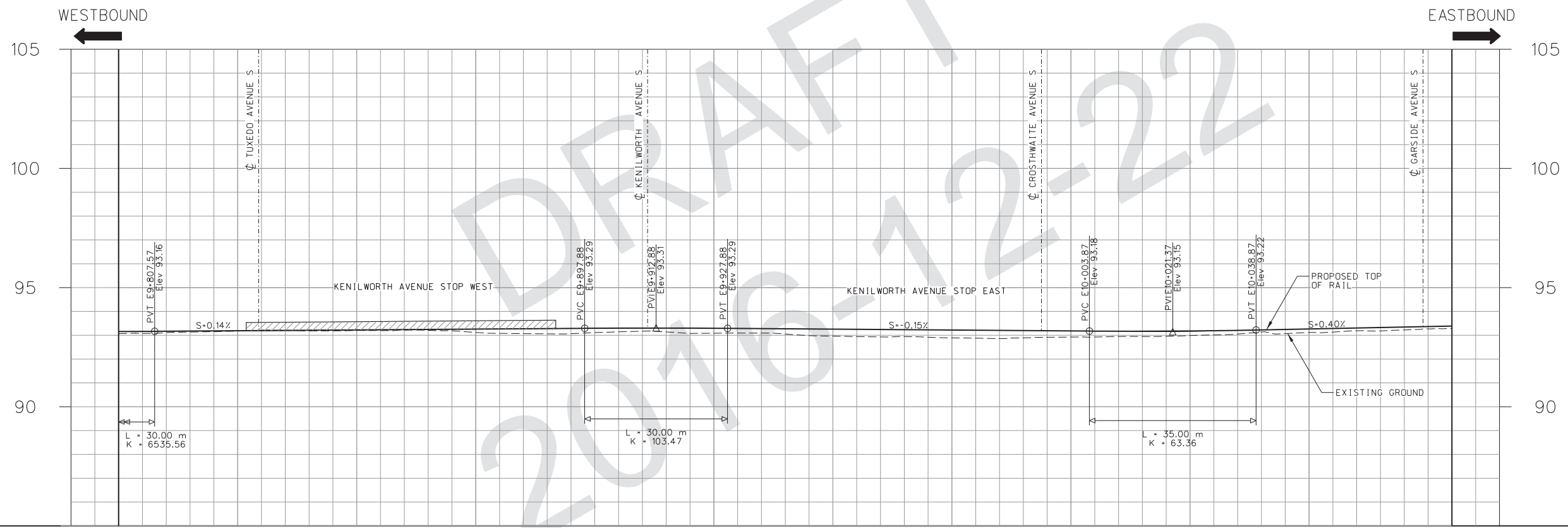
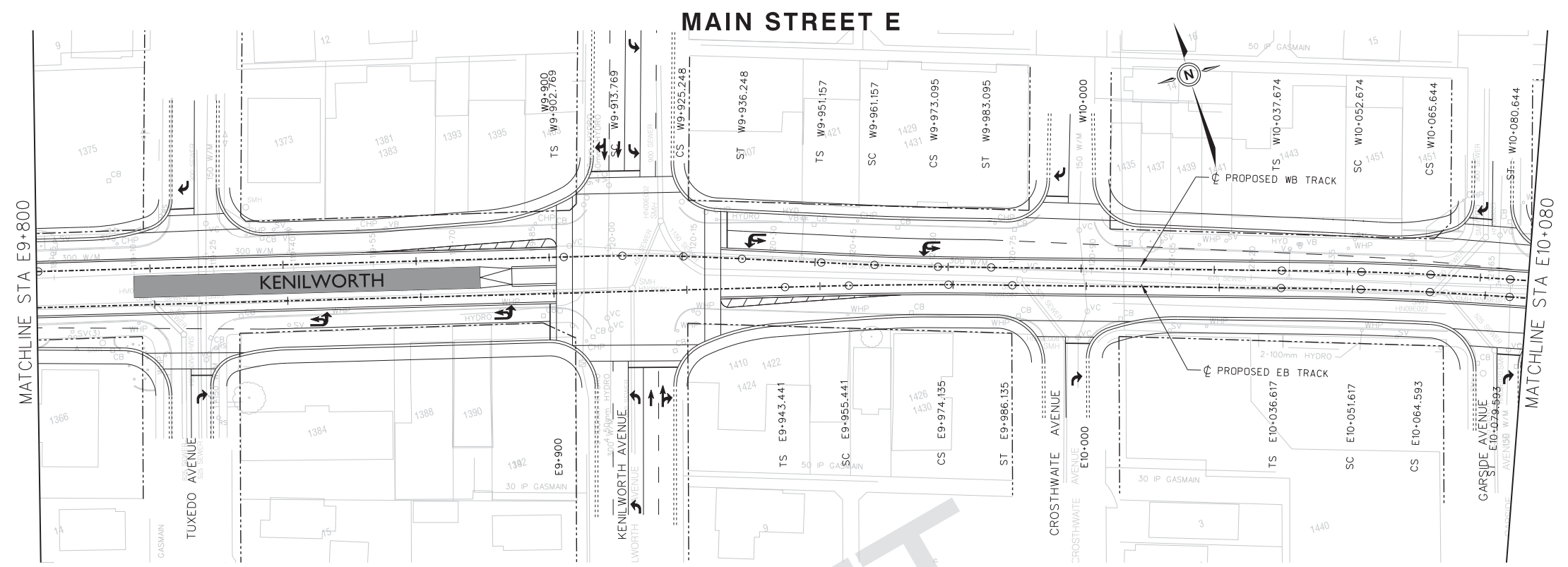
LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
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- 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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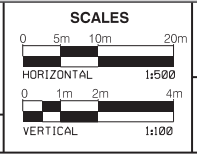
Stationing	Proposed Top of Rail Profile	Existing Ground Elevation	Design Chainage Eastbound Track
E9+800	93.065	93.154	E9+800
E9+825	93.172	93.189	E9+825
E9+850	93.201	93.224	E9+850
E9+875	93.119	93.259	E9+875
E9+900	93.112	93.294	E9+900
E9+925	93.086	93.293	E9+925
E9+950	92.962	93.256	E9+950
E9+975	92.891	93.219	E9+975
E10+000	92.924	93.181	E10+000
E10+025	92.985	93.179	E10+025
E10+050	93.119	93.264	E10+050
E10+075	93.266	93.365	E10+075

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC036.dgn
 User:wuj6 04/01/2017 4:30:17 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

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



Project Manager
 NAME
 Manager of Design
 NAME



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

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

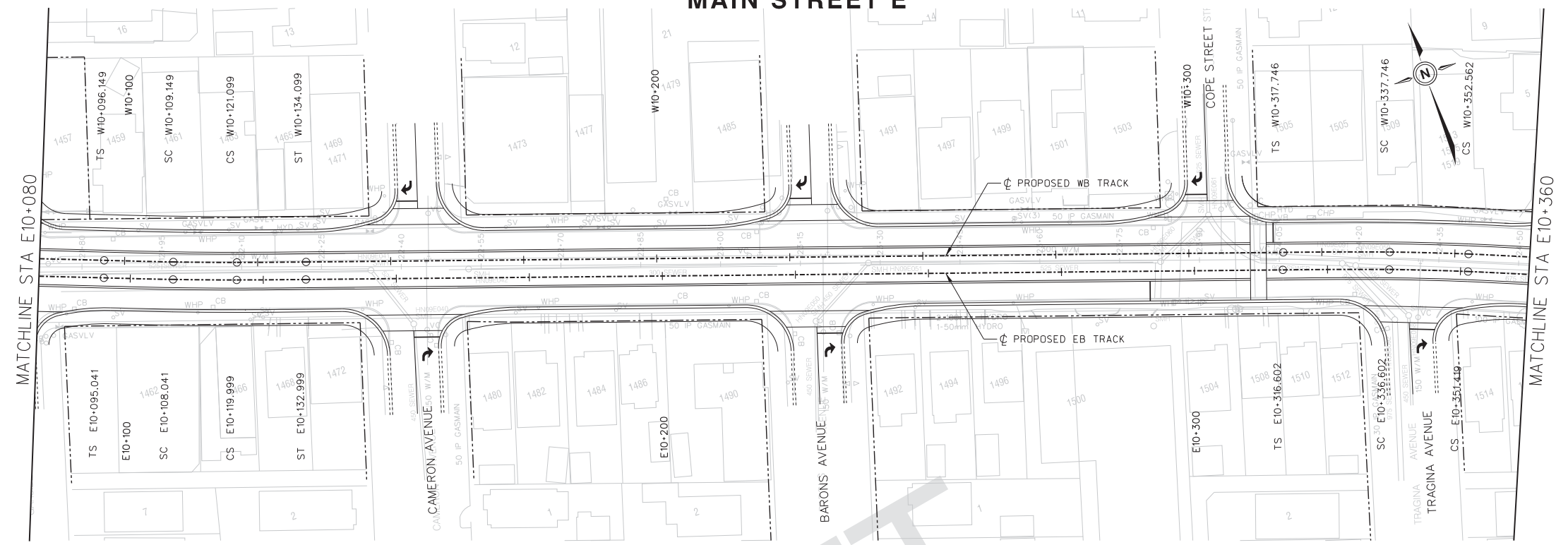
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
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- N0-000.00 STATIONING ON NB TRACK
- S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

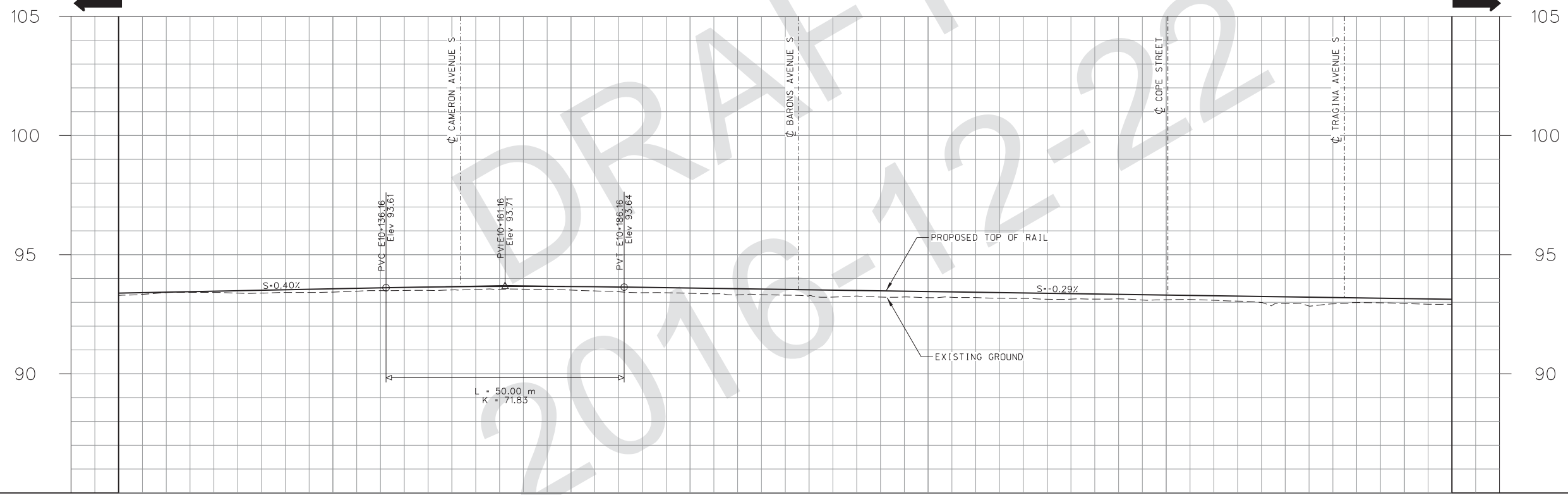
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MAIN STREET E



WESTBOUND

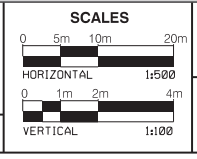
EASTBOUND



93.415	93.428	93.519	93.512	93.376	93.273	93.194	93.127	93.108	92.950	92.951	PROPOSED TOP OF RAIL PROFILE
93.466	93.566	93.654	93.662	93.598	93.524	93.451	93.378	93.304	93.231	93.157	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 ϕ 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

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 E10+080 TO STA E10+360

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton_LRT_910-CAD\01-EA_PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC037.dgn
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DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

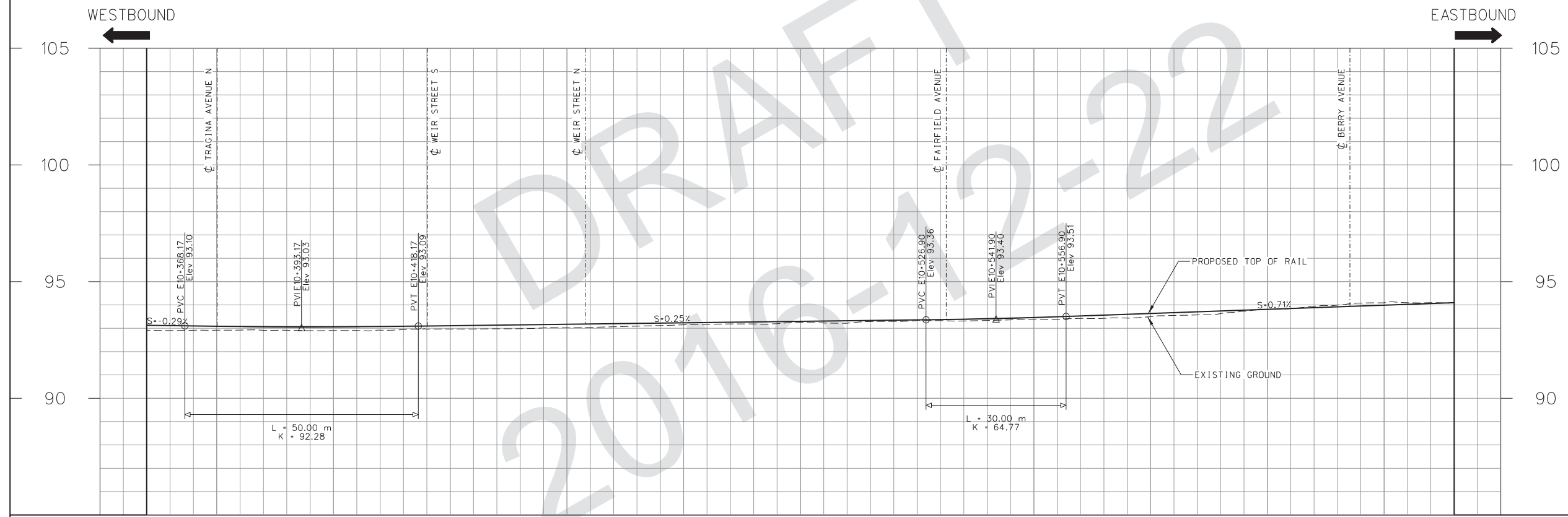
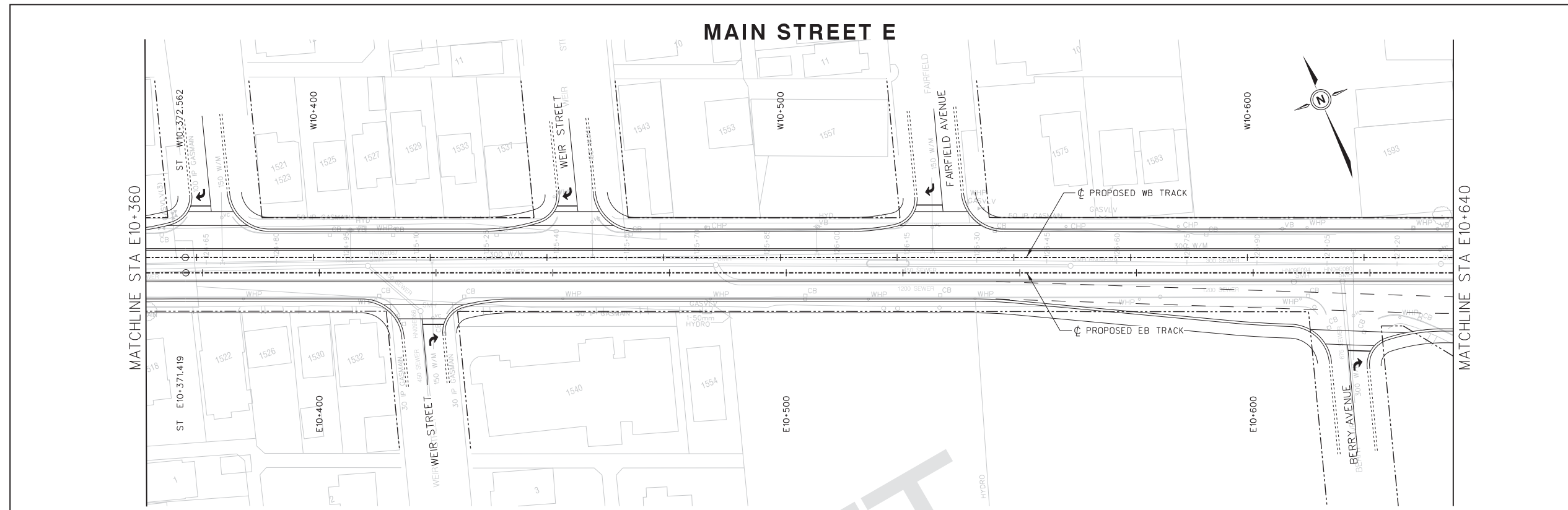


LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
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- 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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		92.918	92.906	92.967	93.017	93.146	93.248	93.341	93.392	93.496	93.813	94.093	PROPOSED TOP OF RAIL PROFILE
		93.086	93.065	93.110	93.172	93.234	93.296	93.358	93.461	93.635	93.813	93.991	EXISTING GROUND ELEVATION
		E10+375	E10+400	E10+425	E10+450	E10+475	E10+500	E10+525	E10+550	E10+575	E10+600	E10+625	DESIGN ϕ 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

REFERENCE MATERIAL:
Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAM002 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 **DIALOG** **steer davis gleave**

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANCU
 DATE: 2016/12/13

Hamilton Public Works **RAPIDTransit** **METROLINX**
 moving HAMILTON forward
 An agency of the Government of Ontario

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

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalRT_1900-Work\Hamilton LRT\910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC038.dgn
 User: wuj6 04/01/2017 4:30:23 PM

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED

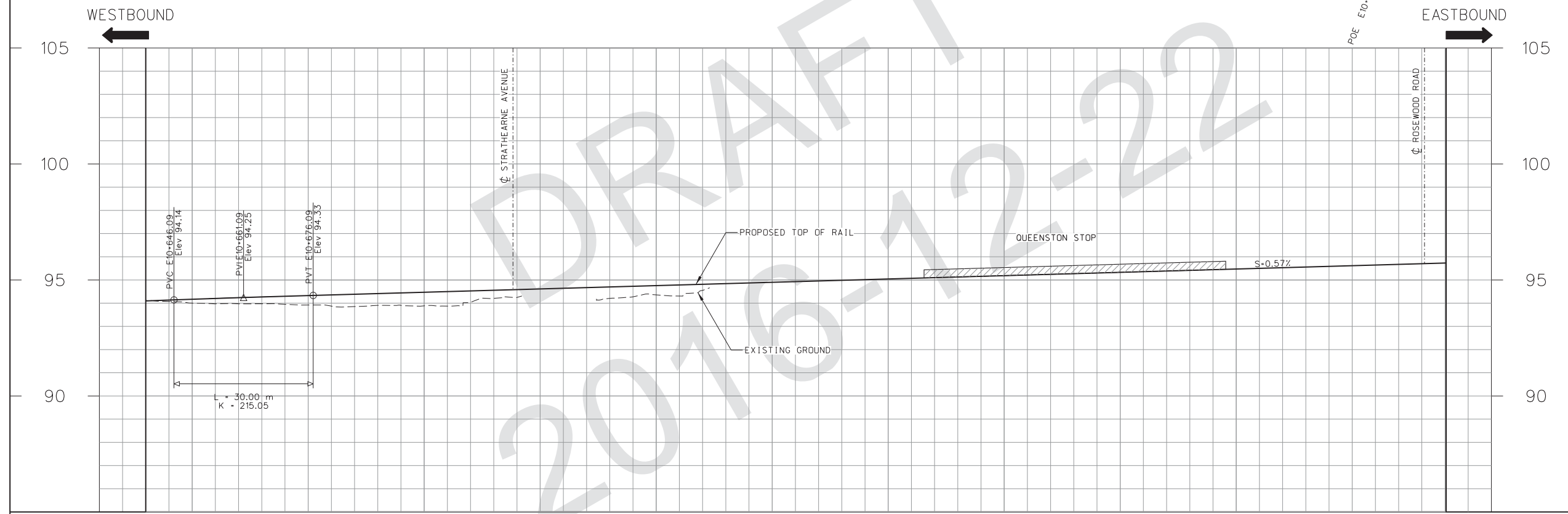
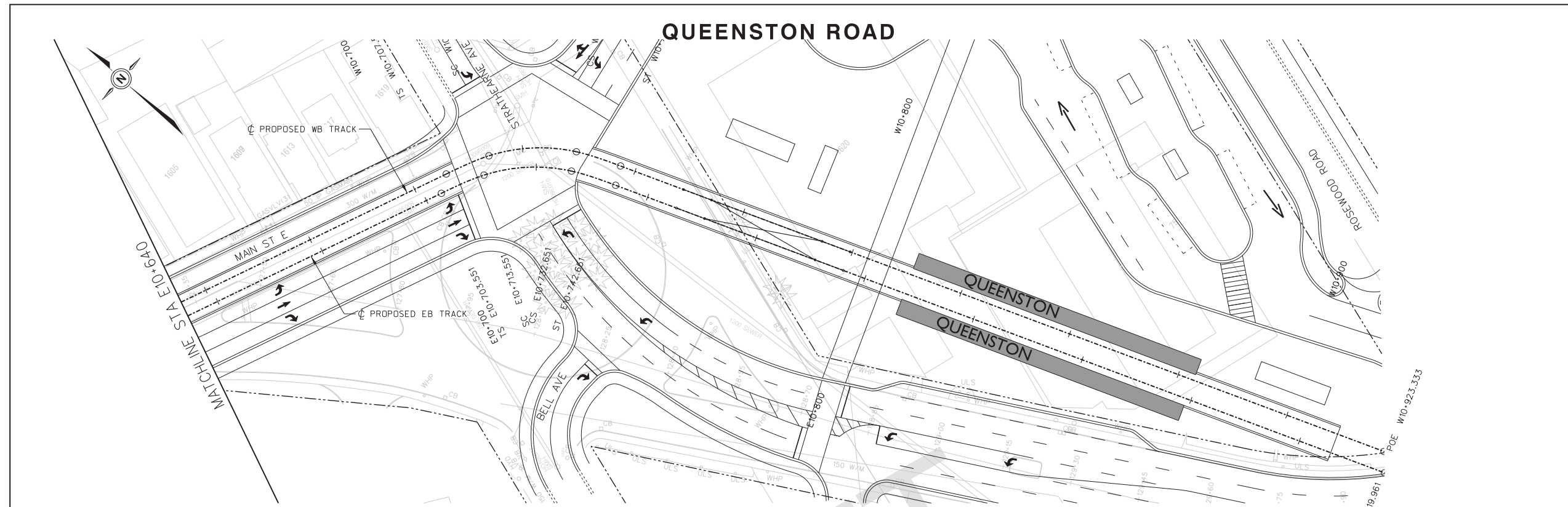


LEGEND

- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
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- S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

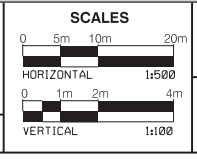


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94.003	95.921	93.884	94.358							PROPOSED TOP OF RAIL PROFILE	
94.168	94.327	94.470	94.613	94.756	94.899	95.042	95.185	95.328	95.471	95.614	EXISTING GROUND ELEVATION
E10+650	E10+675	E10+700	E10+725	E10+750	E10+775	E10+800	E10+825	E10+850	E10+875	E10+900	DESIGN ϕ 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

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



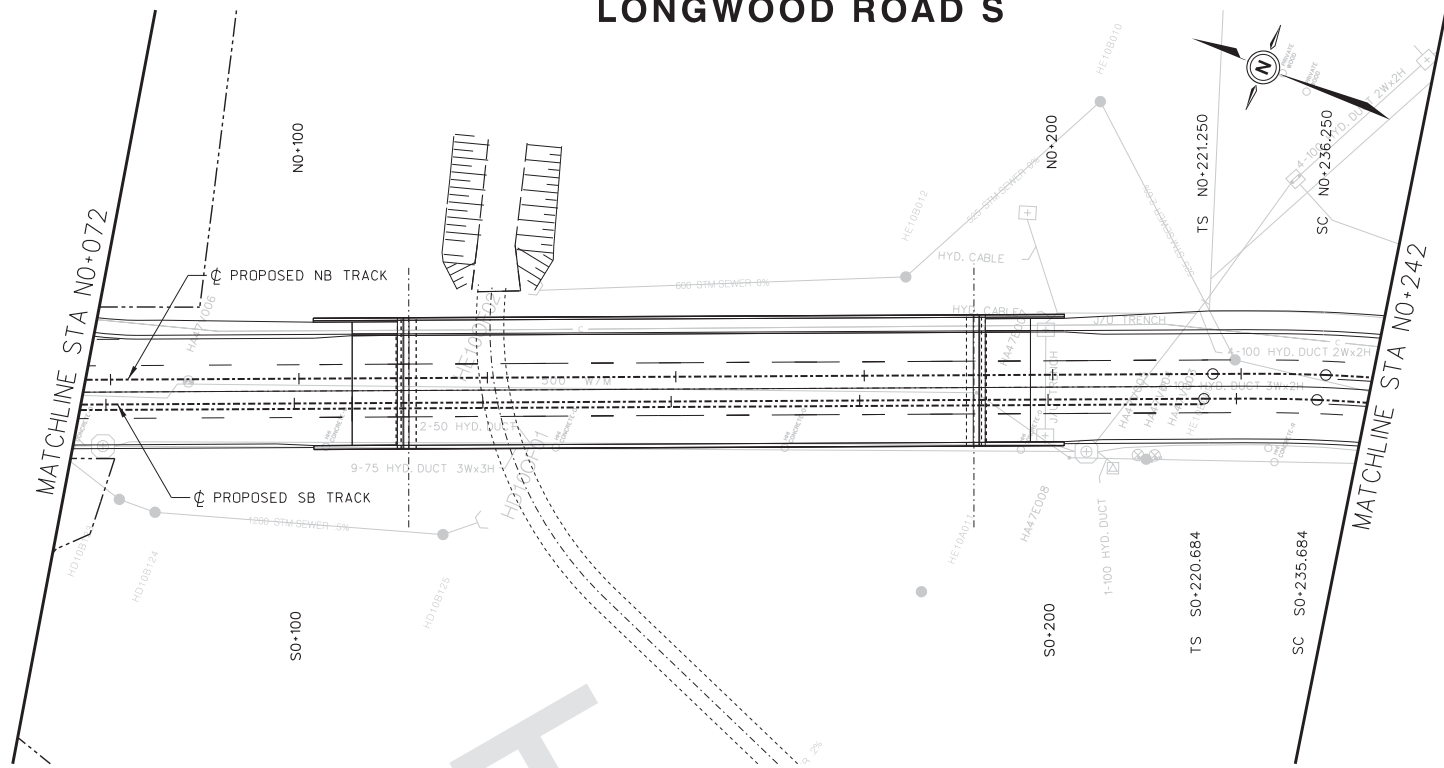
DRAWN: JUAN WU
 CHECKED: KATHLEEN GIORGANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



HAMILTON LRT 'B' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA E10+640 TO STA E10+920

\\CATRIT\FP001\Data\Projects\60494276_HuLRT_HalRT_900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC039.dgn
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LONGWOOD ROAD S



FILE No. CONTRACT No. C11-12-10 SHEET No.
 DWG. No. HALRT-RD-NC060

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

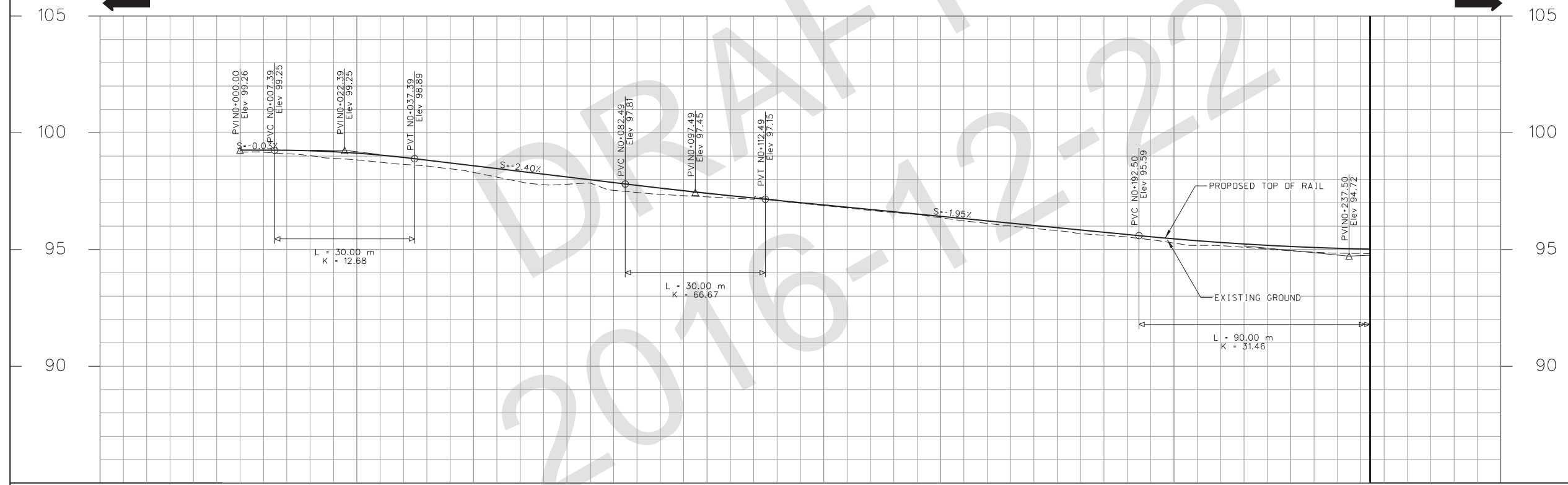
- LRT TRACK CENTRELINE
- EXISTING PROPERTY LINE
- PROPOSED TOP OF RAIL (PROFILE)
- EXISTING GROUND LINE (PROFILE)
- EAST BOUND TRACK USED AS REFERENCE LINE
- E0-000.00 STATIONING ON EB TRACK
- W0-000.00 STATIONING ON WB TRACK
- NO-000.00 STATIONING ON NB TRACK
- S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

NORTHBOUND ←

→ SOUTHBOUND



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99.175	99.257	99.000	PROPOSED TOP OF RAIL PROFILE
98.838	99.126	99.257	EXISTING GROUND ELEVATION
98.303	98.587	NO+000	DESIGN CL CHAINAGE EASTBOUND TRACK
97.842	97.987	NO+025	
97.253	97.410	NO+050	
96.879	96.910	NO+075	
96.360	96.423	NO+100	
95.808	95.935	NO+125	
95.274	95.457	NO+150	
94.940	95.128	NO+175	
		NO+200	
		NO+225	
		NO+242	

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

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 _____

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

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANGU
 DATE: 2016/12/13

Hamilton Public Works **RAPIDTransit** **METROLINX**
 moving HAMILTON forward
 An agency of the Government of Ontario

HAMILTON LRT 'OMSF' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA NO+000 TO STA NO+242

\\CATRIT\FF001\Data\Projects\60494276_HuLRT_HalLRT_1900-Work\Hamilton LRT_910-CAD\01-EA PHASE\20-SHEETS\RTL_Track\HALRT-RD-NC060.dgn
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LONGWOOD ROAD S

MATCHLINE STA NO+435

MATCHLINE STA NO+242

FILE No. CONTRACT No. C11-12-10 SHEET No.
DWG. No. HALRT-RD-NC061

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



LEGEND

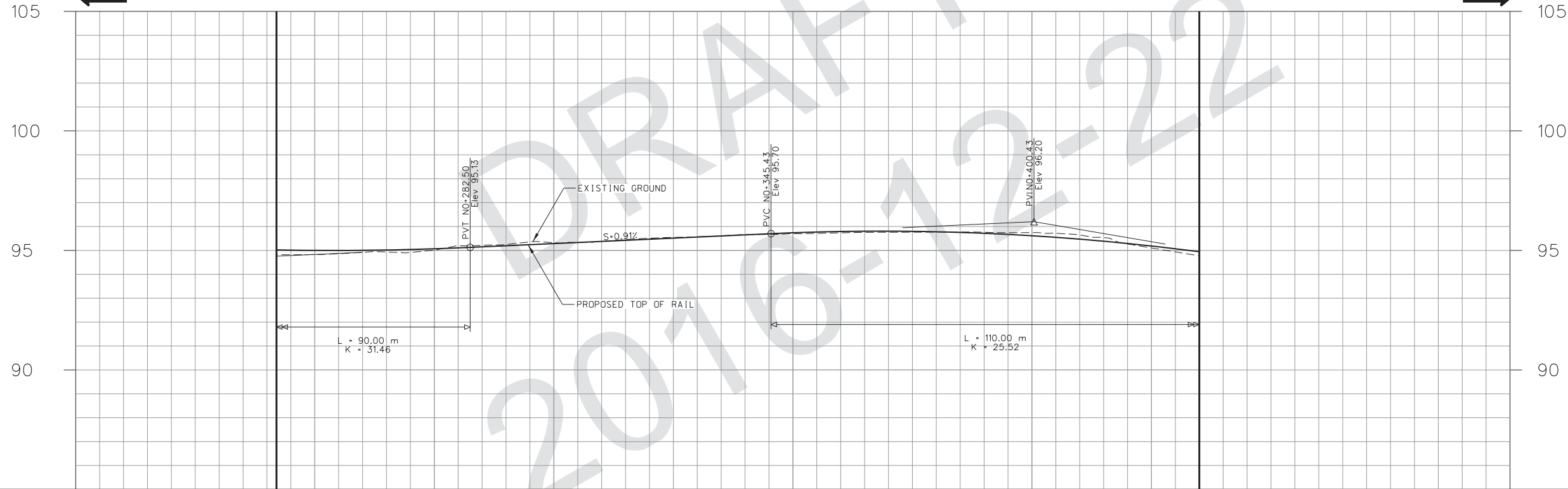
- LRT TRACK CENTRELINE
 - EXISTING PROPERTY LINE
 - PROPOSED TOP OF RAIL (PROFILE)
 - EXISTING GROUND LINE (PROFILE)
 - EAST BOUND TRACK USED AS REFERENCE LINE
- E0-000.00 STATIONING ON EB TRACK
W0-000.00 STATIONING ON WB TRACK
N0-000.00 STATIONING ON NB TRACK
S0-000.00 STATIONING ON SB TRACK

NOT FOR CONSTRUCTION

NOTES:

NORTHBOUND

SOUTHBOUND



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94.826	95.010	95.325	95.546	95.701	95.762	95.744	95.101	PROPOSED TOP OF RAIL PROFILE
94.998	95.067	95.286	95.514	95.737	95.797	95.613	95.183	EXISTING GROUND ELEVATION
N0+250	N0+275	N0+300	N0+325	N0+350	N0+375	N0+400	N0+425	DESIGN C 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

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

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

DRAWN: JUAN WU
CHECKED: KATHLEEN GORDANO
APPROVED: LUQIAN BANQU
DATE: 2016/12/13

Hamilton Public Works **RAPIDTransit** **METROLINX**
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An agency of the Government of Ontario

HAMILTON LRT 'OMSF' LINE
PRELIMINARY DESIGN
PLAN AND PROFILE
STA NO+242 TO STA NO+435

DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES UNLESS OTHERWISE NOTED



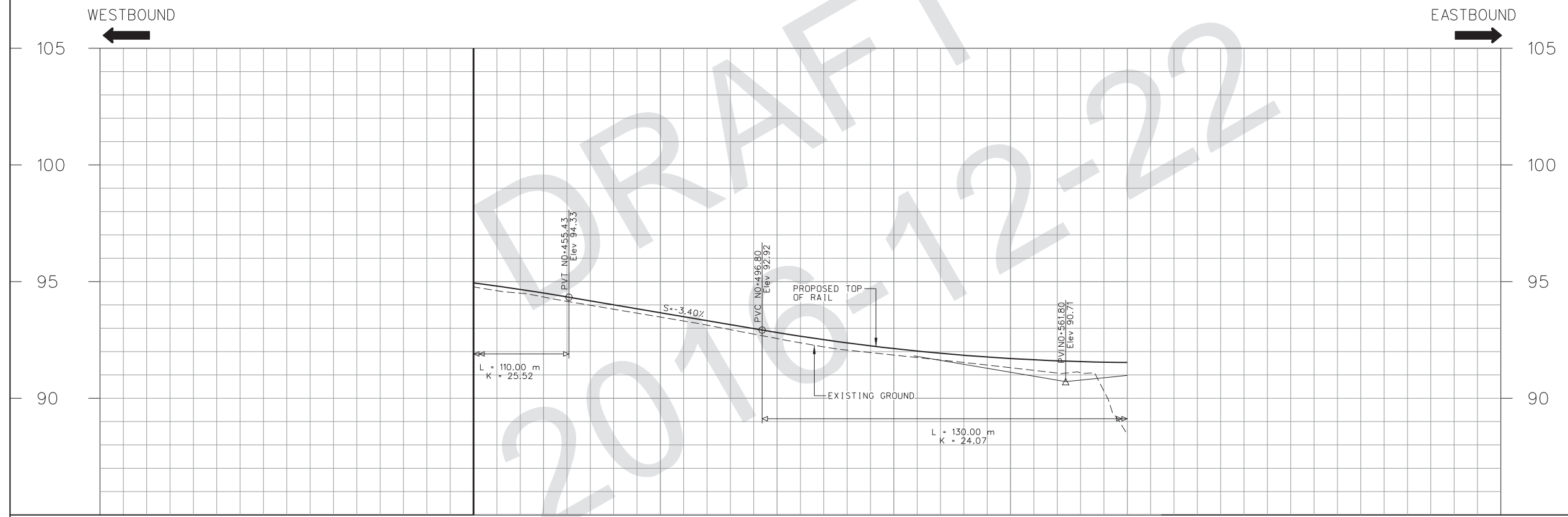
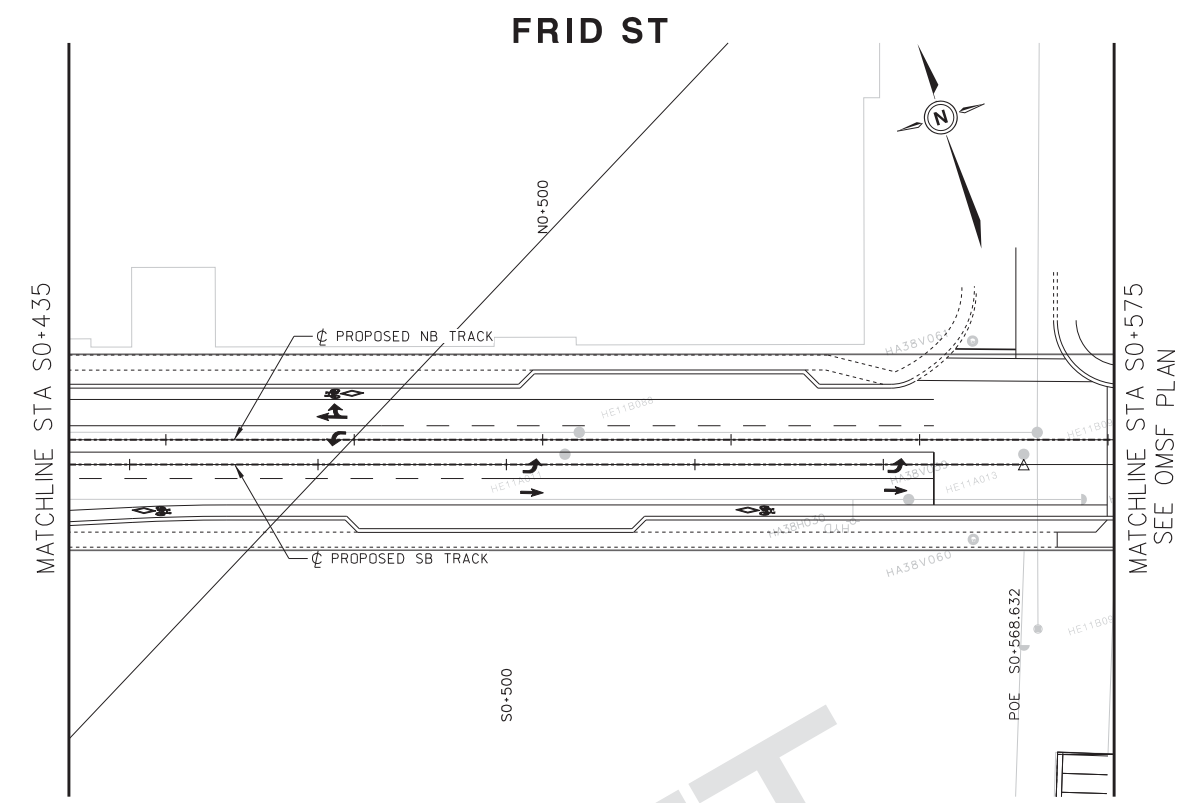
LEGEND

- 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.



94.338	93.480	92.561	91.851	91.310	88.458	PROPOSED TOP OF RAIL PROFILE
94.509	93.665	92.817	92.130	91.703	91.535	EXISTING GROUND ELEVATION
N0-450	N0-475	N0-500	N0-525	N0-550	N0-575	DESIGN ϕ 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

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 _____

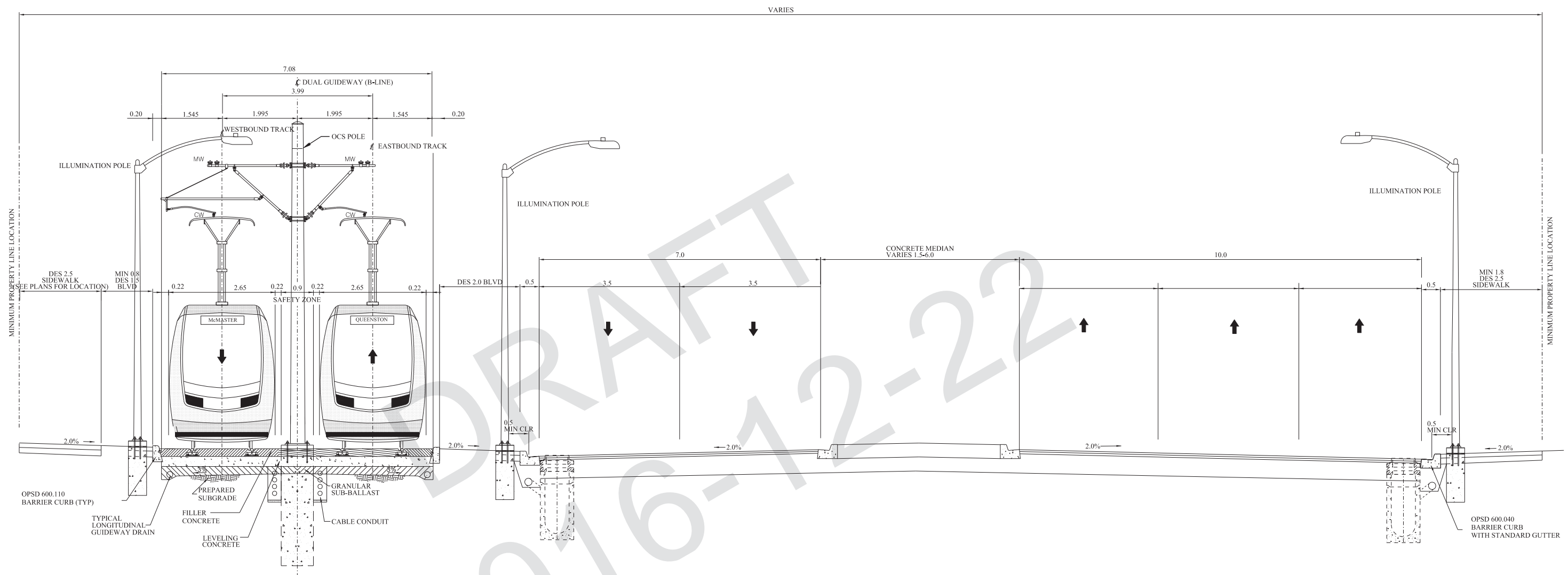
AECOM **steer davis gleave**
DIALOG

DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13

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HAMILTON LRT 'OMSF' LINE
 PRELIMINARY DESIGN
 PLAN AND PROFILE
 STA N0+435 TO STA N0+575

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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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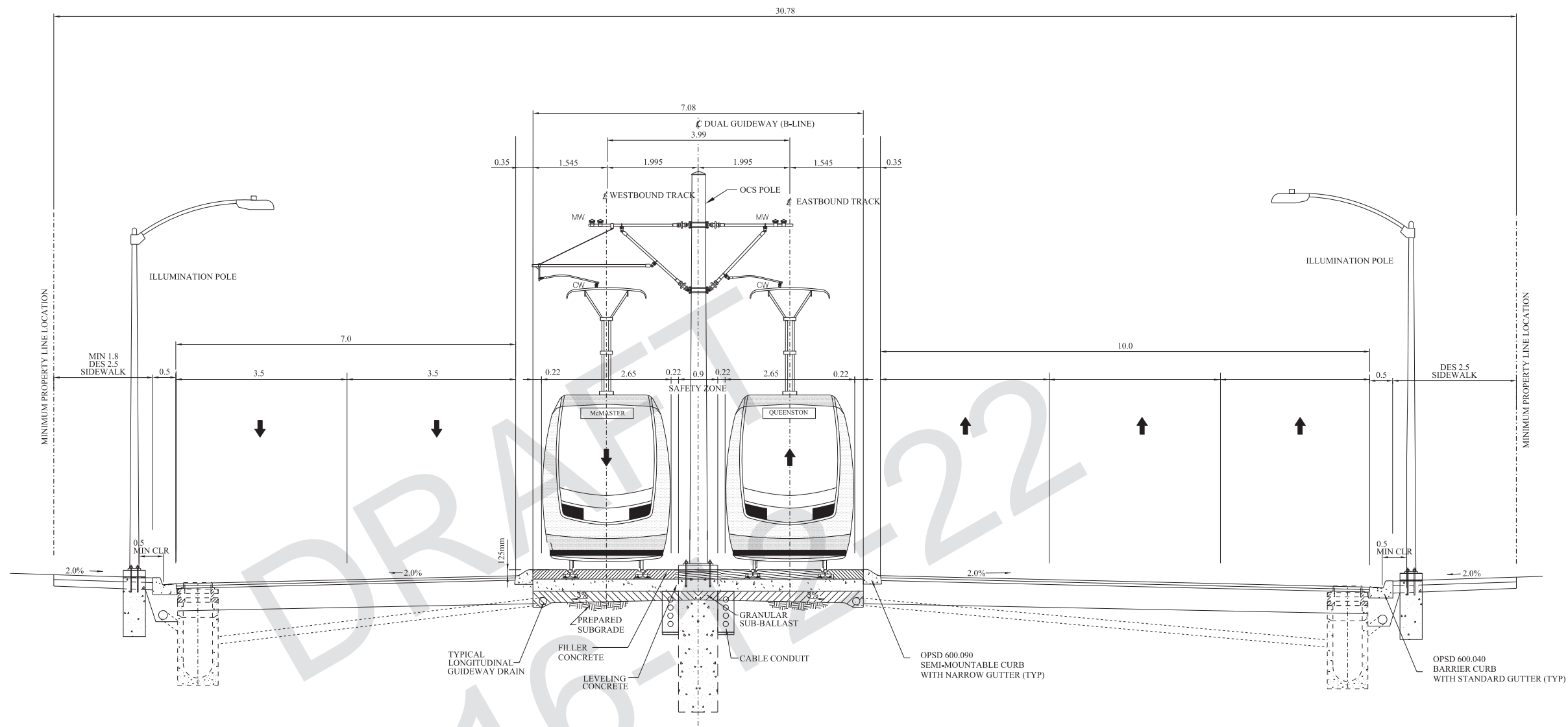
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1	EA Amendment	LH	16/11/14	Survey Plan: COMPILED PBS AND SURVEY LRT.dgn (MAY 19, 2011) 0337HAMI0002_ALL_v8.dgn (OCTOBER 7, 2010) basemap2.dwg (MAY 19, 2011)
2	EA Amendment	LB	16/12/13	Sewer Plan: Water Plan:
				Geodetic: Bench Mark Index Borehole Report -

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

steer davis gleave
AECOM **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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**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.

\\CATRT\FP001\Data\Projects\60494276_HuLRT_HuLRT_900-Work\Hamilton LRT_910-CAD\01-EA_PHASE\20-SHEETS\RT_L_Track\HALRT-RD-TY002.dgn
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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

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:	

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

NOT TO SCALE

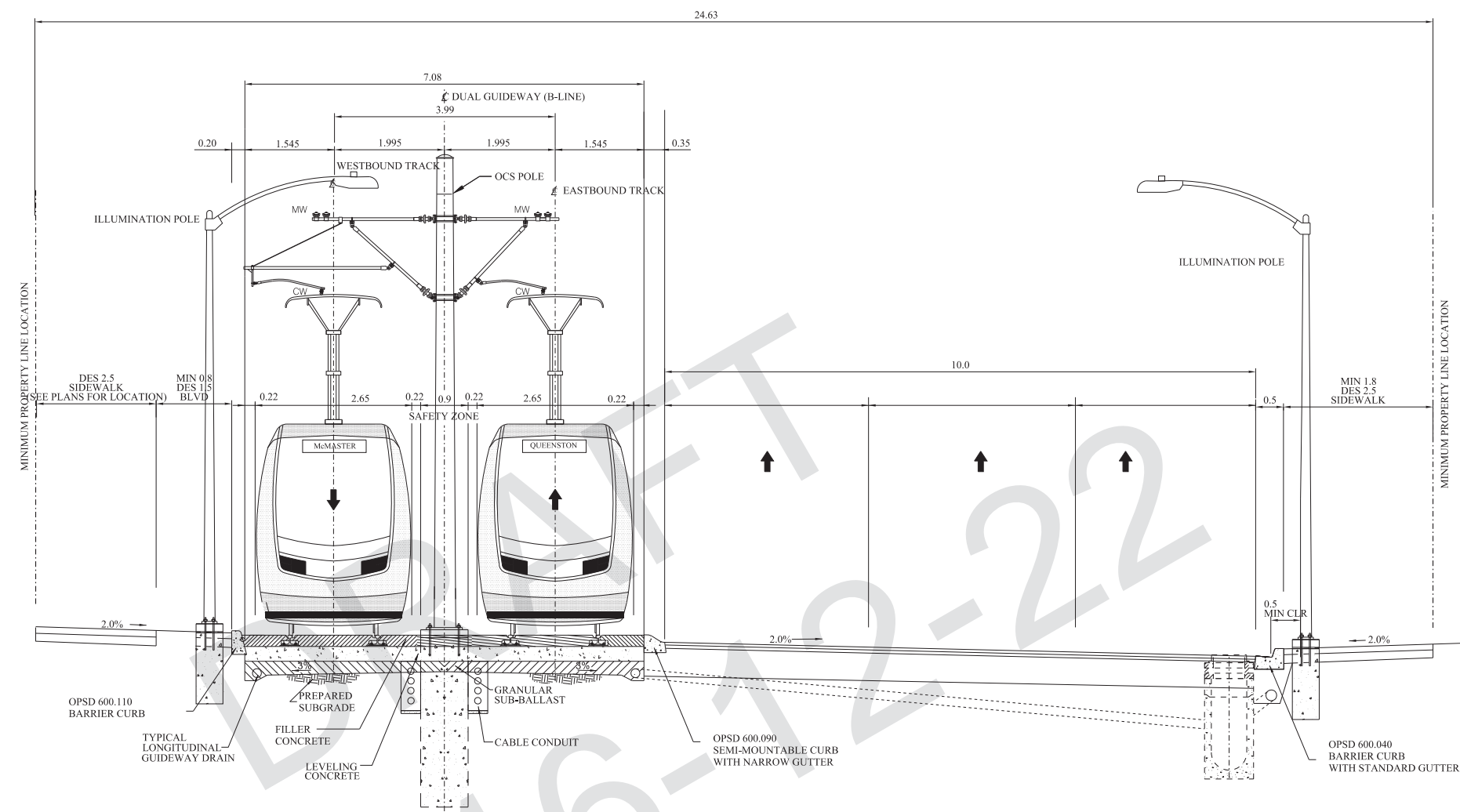
steer davies gleave
AECOM **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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**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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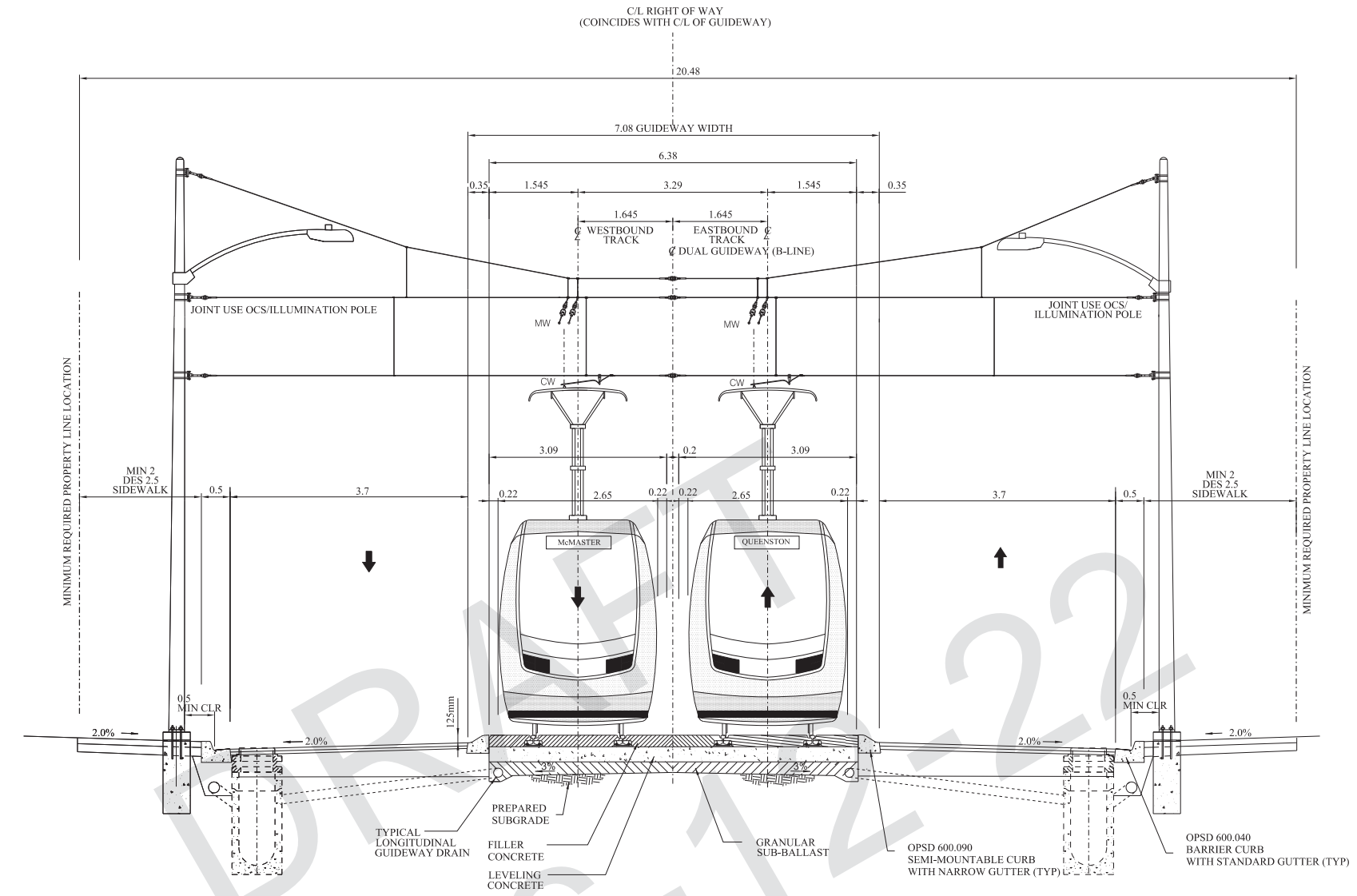
No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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**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
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

steer davis gleave

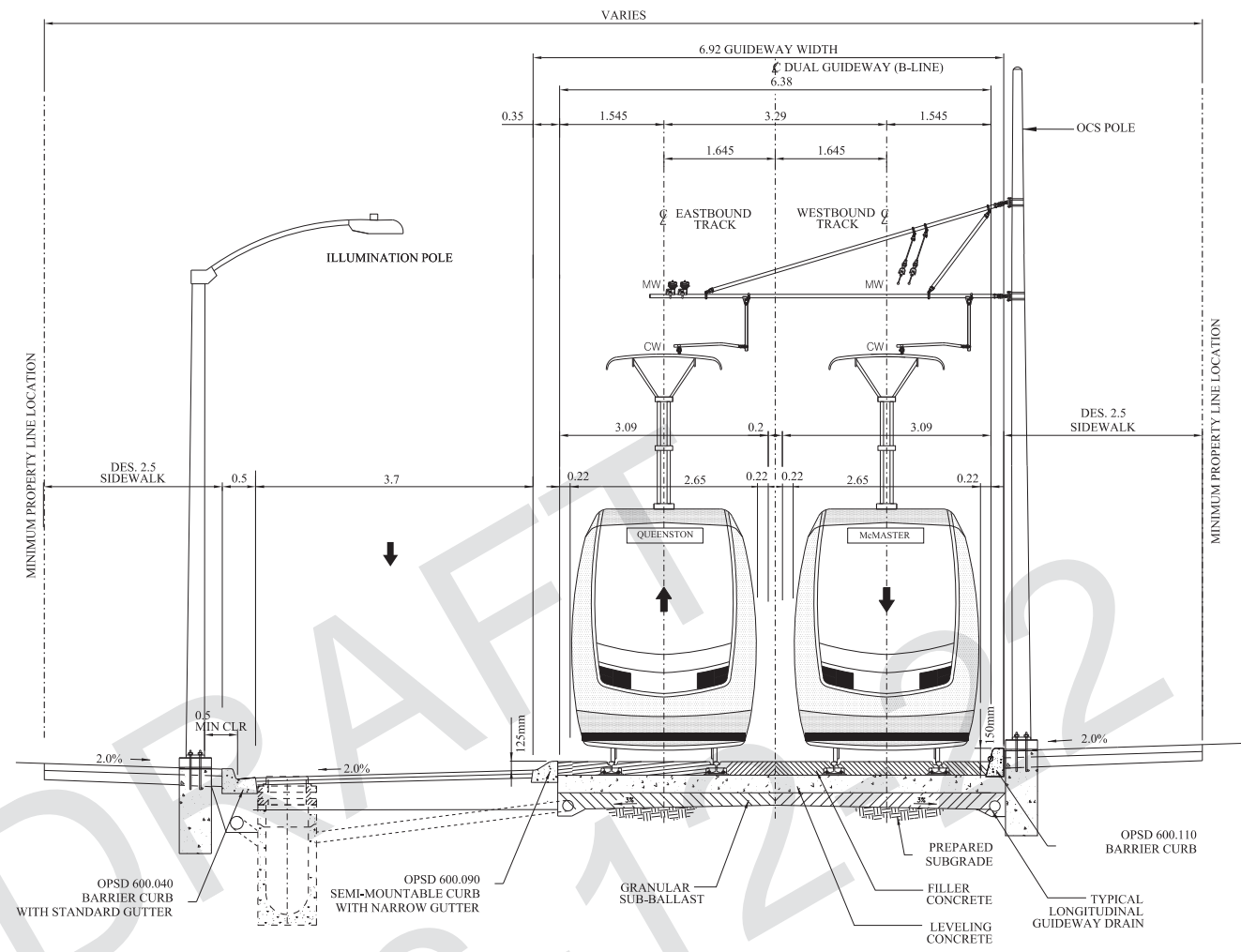
AECOM **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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**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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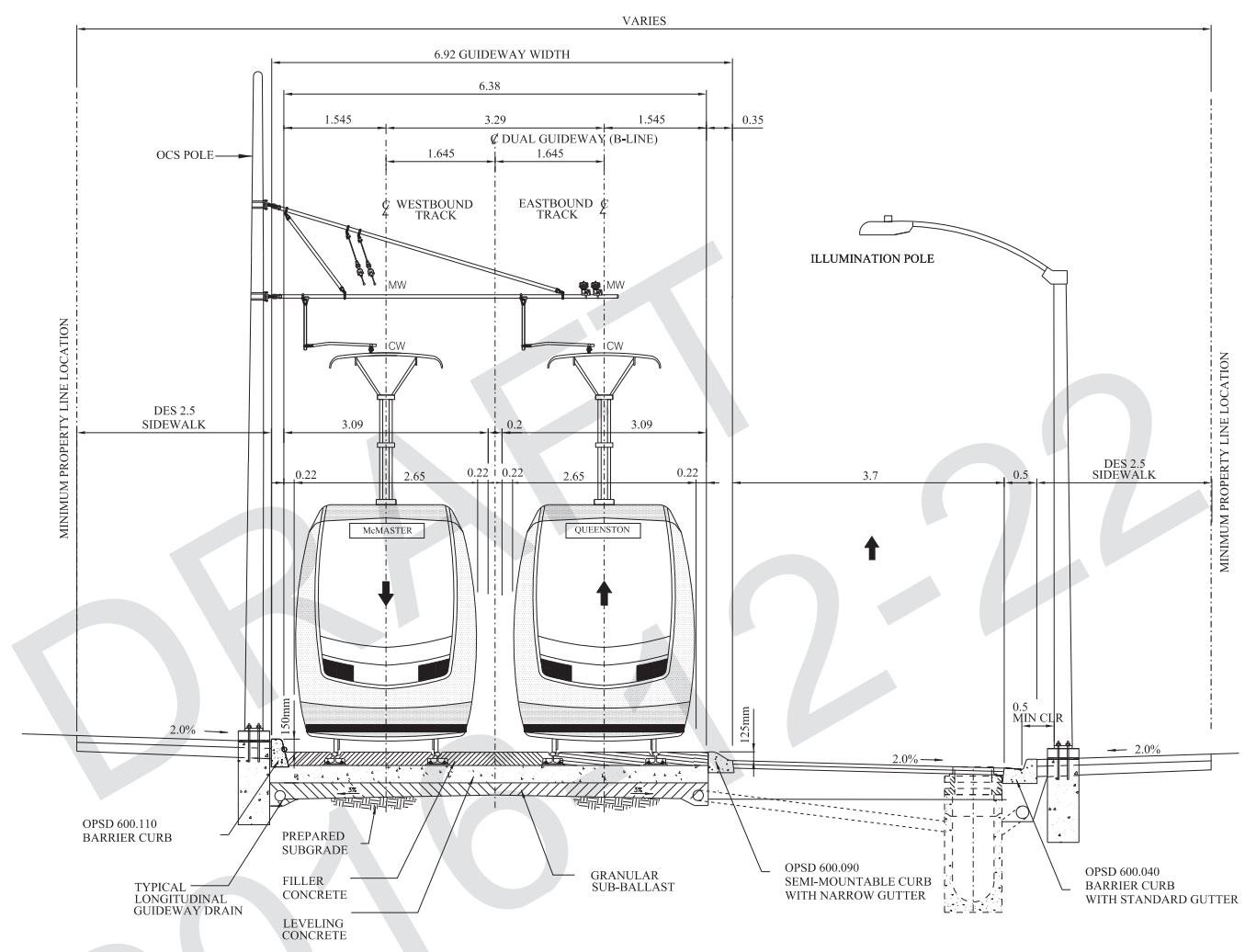
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2	EA Amendment	LB	16/12/13

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

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

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUIGI BANCU
DATE	2016/12/13

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**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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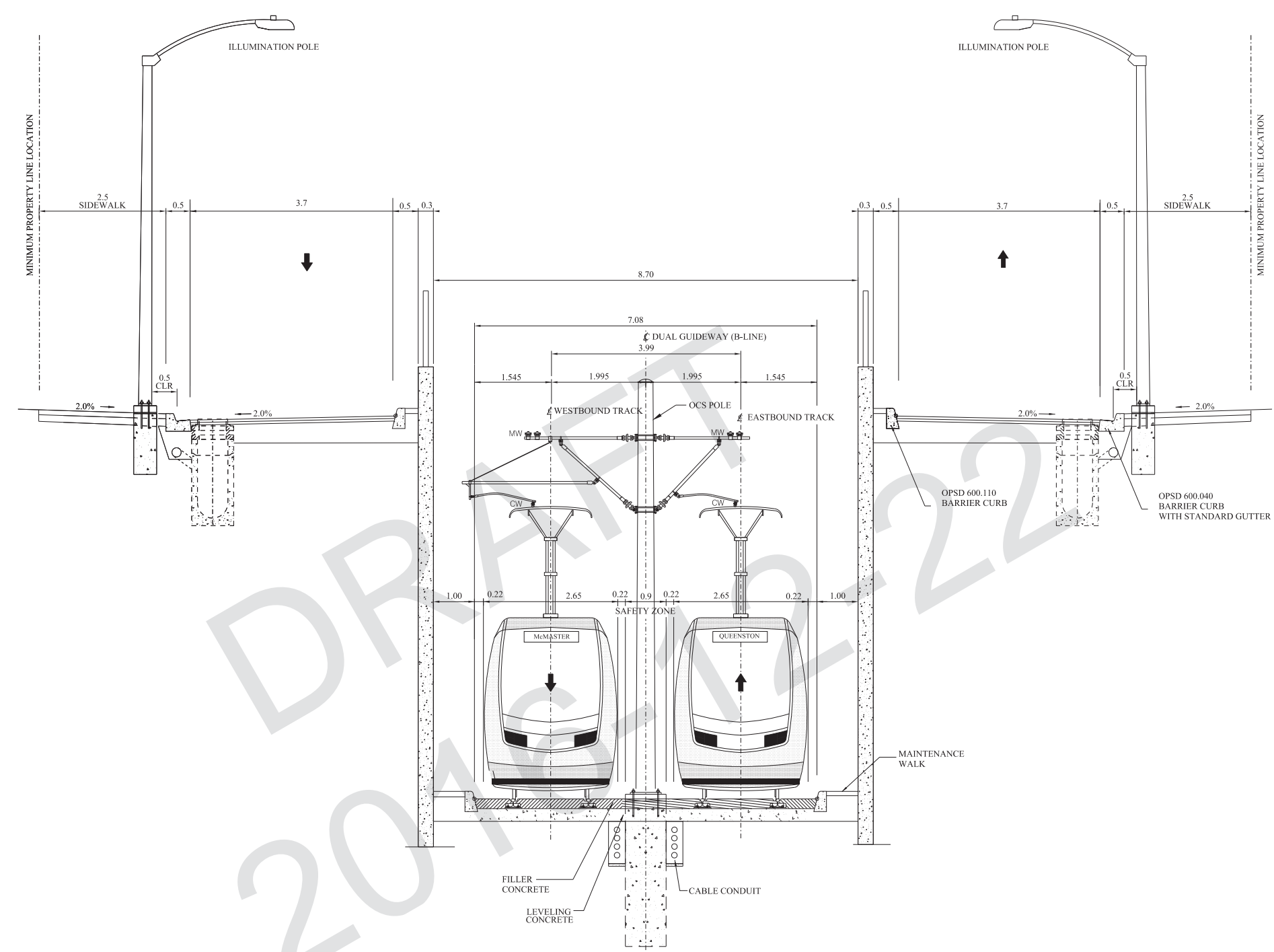
No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

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

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANOU
DATE	2016/12/13

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**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
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

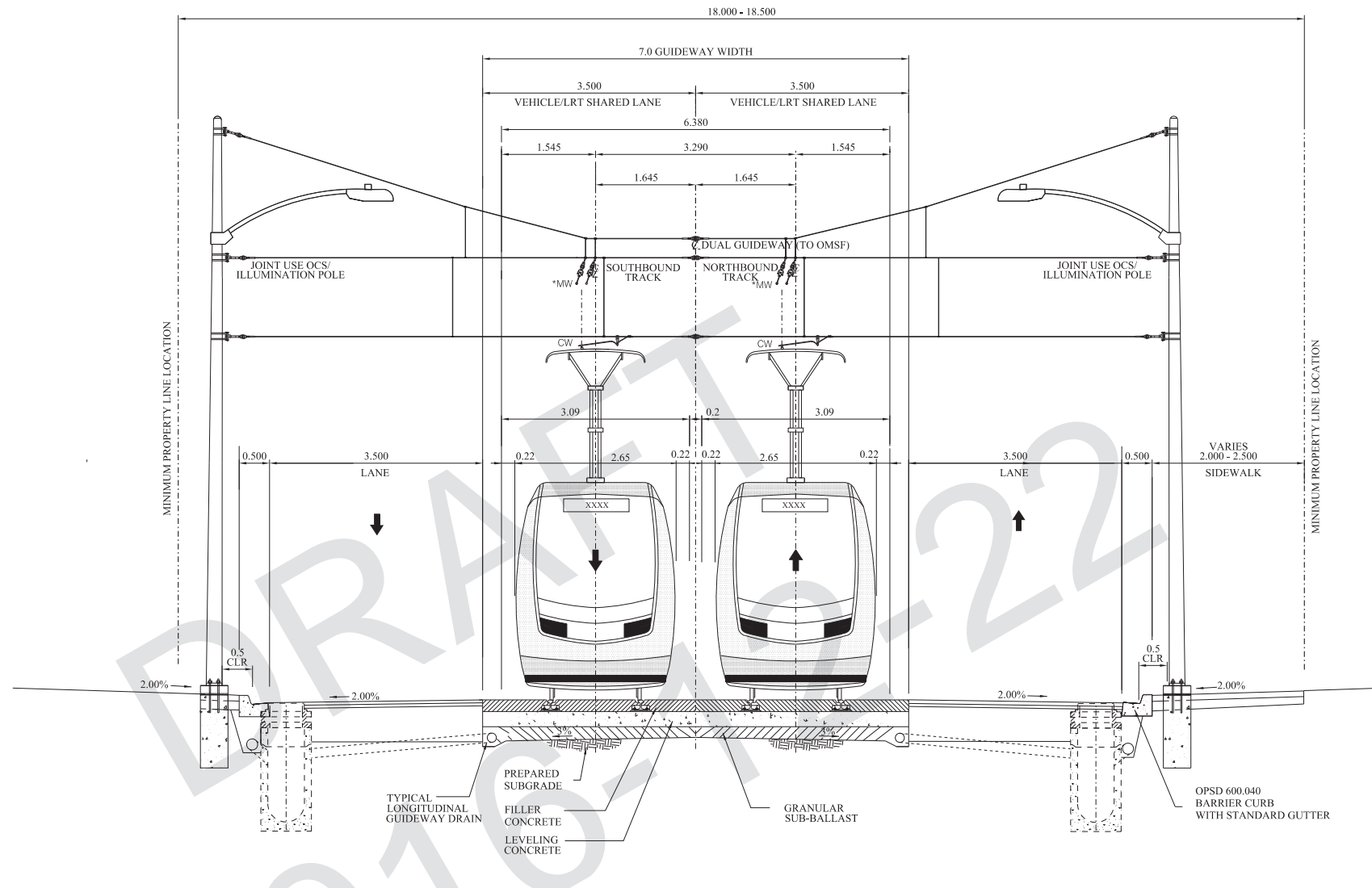

 

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13





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**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.

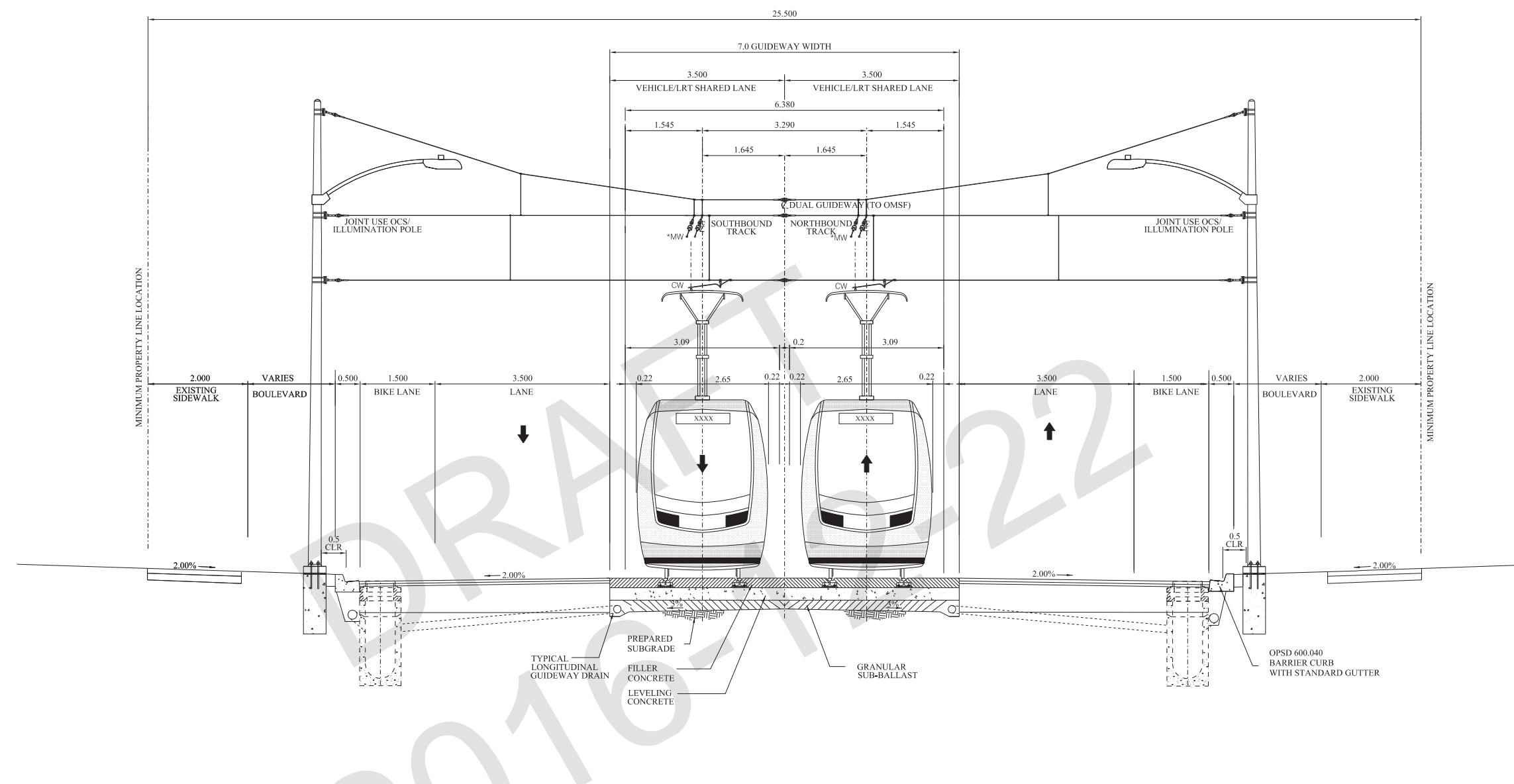
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No.	REVISIONS	INITIAL	DATE
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1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

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

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13



**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

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)
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Water Plan:	
Geodetic: Bench Mark Index	Elevation: =
Borehole Report:	

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

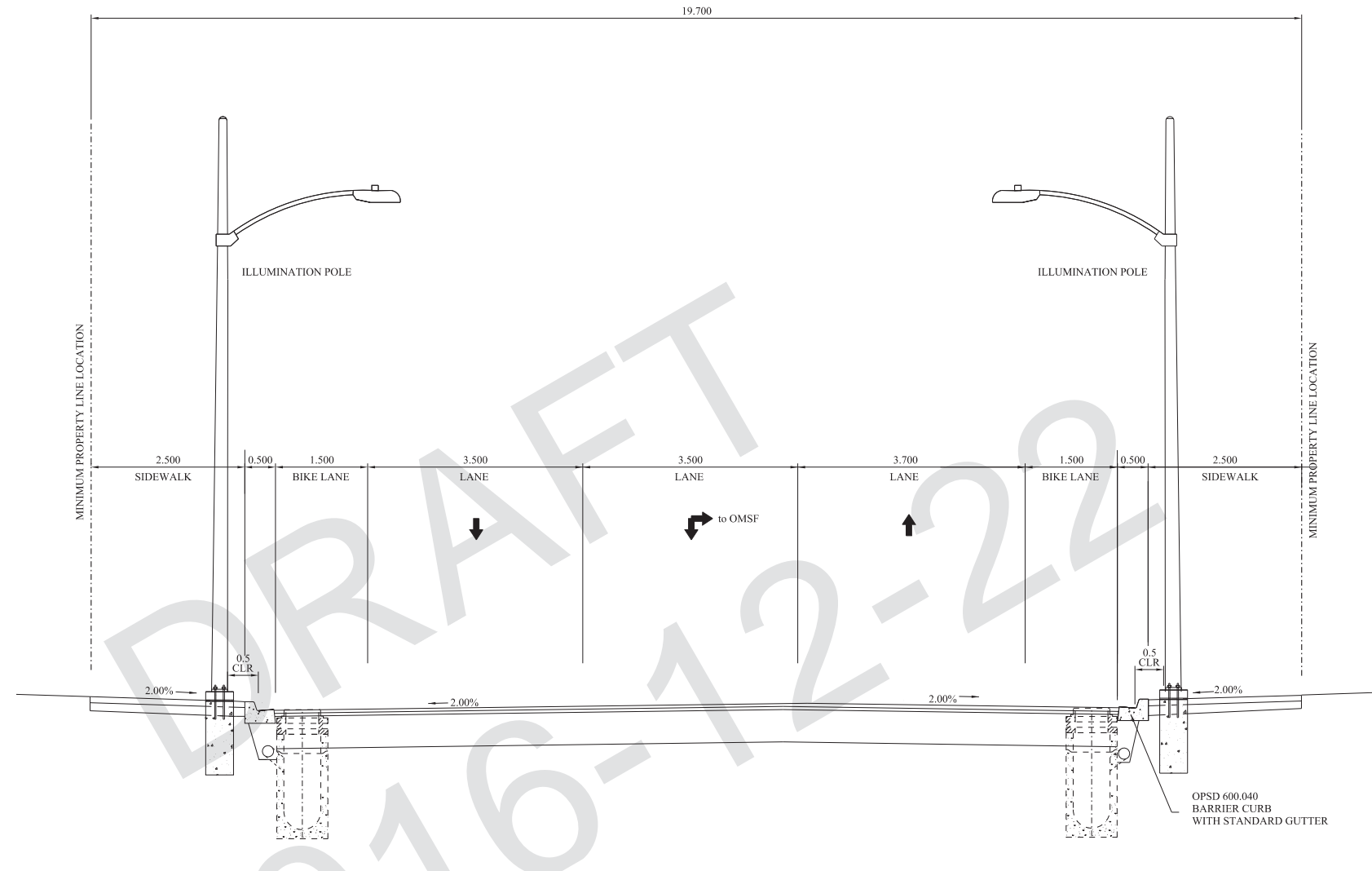
NOT TO SCALE

steer davies gleave

AECOM DIALOG

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

Hamilton Public Works
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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
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

Project Manager
 NAME _____
 Manager of Design
 NAME _____

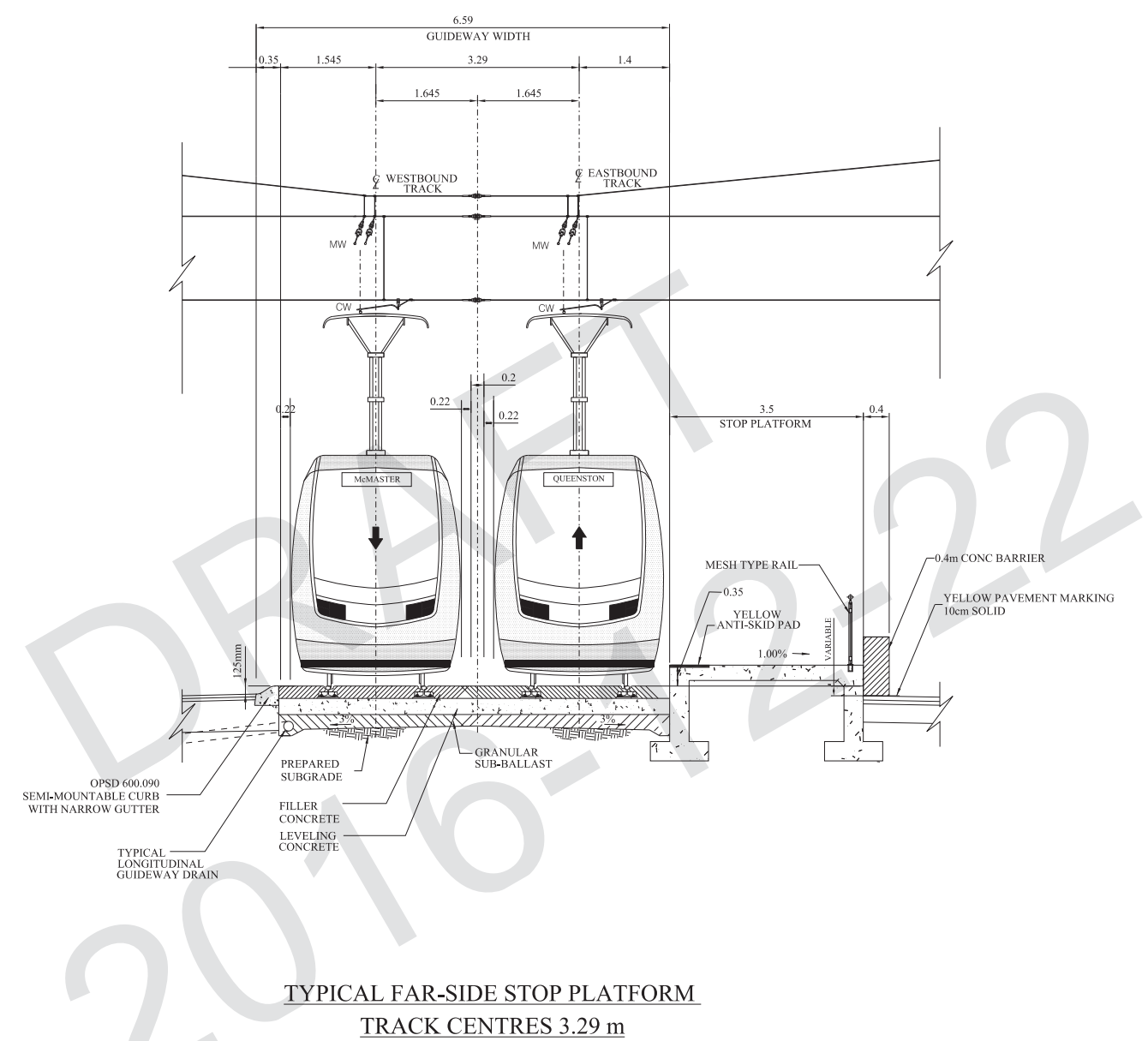
SCALES
 NOT TO SCALE



DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUQIAN BANQU
 DATE: 2016/12/13



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



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

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

Project Manager
 NAME _____
 Manager of Design
 NAME _____

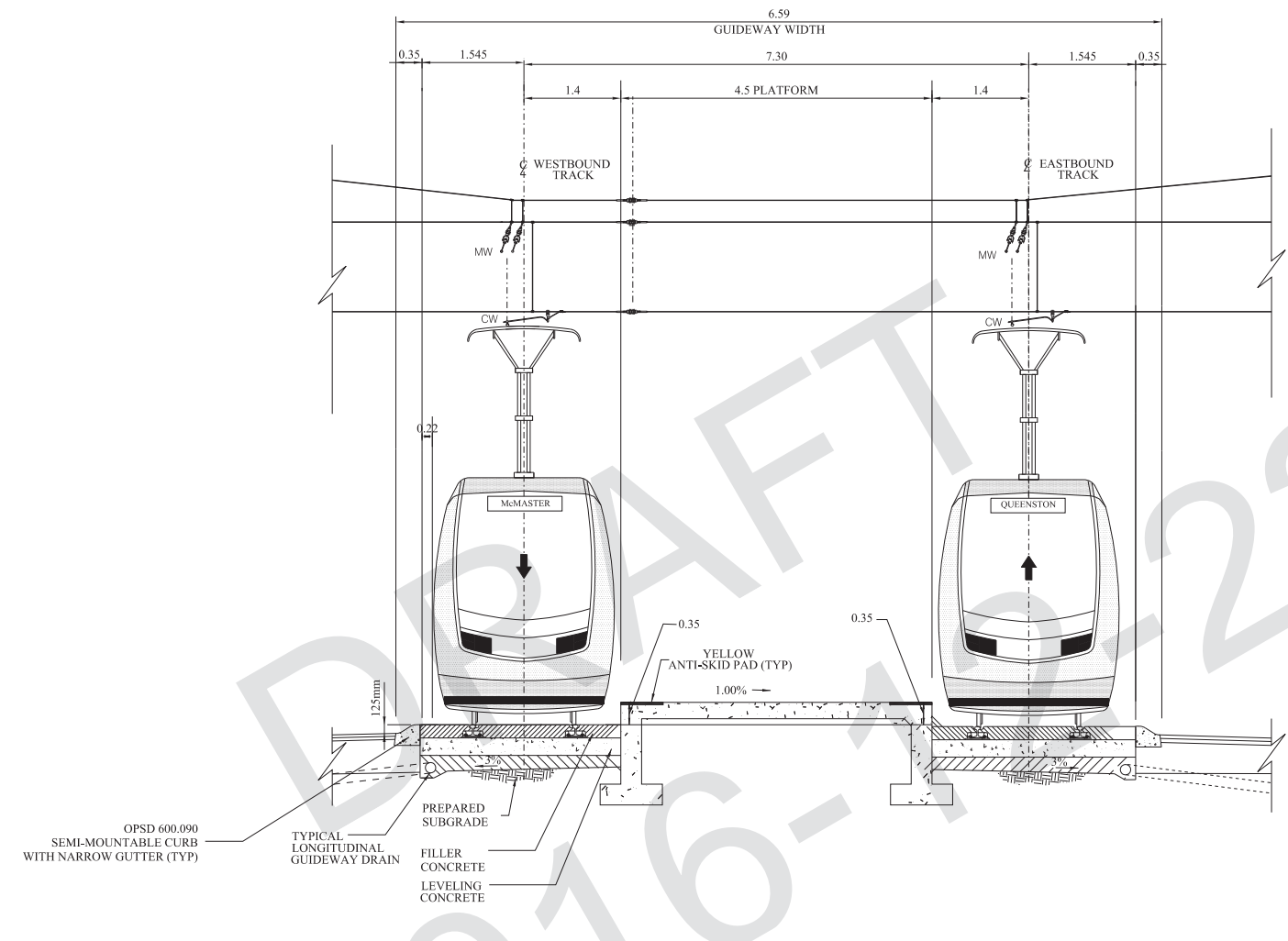
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DRAWN: JUAN WU
 CHECKED: KATHLEEN GORDANO
 APPROVED: LUIGI BANCU
 DATE: 2016/12/13



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



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
0	EA Amendment	LH	16/10/31
1	EA Amendment	LH	16/11/14
2	EA Amendment	LB	16/12/13

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

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

steer davis gleave

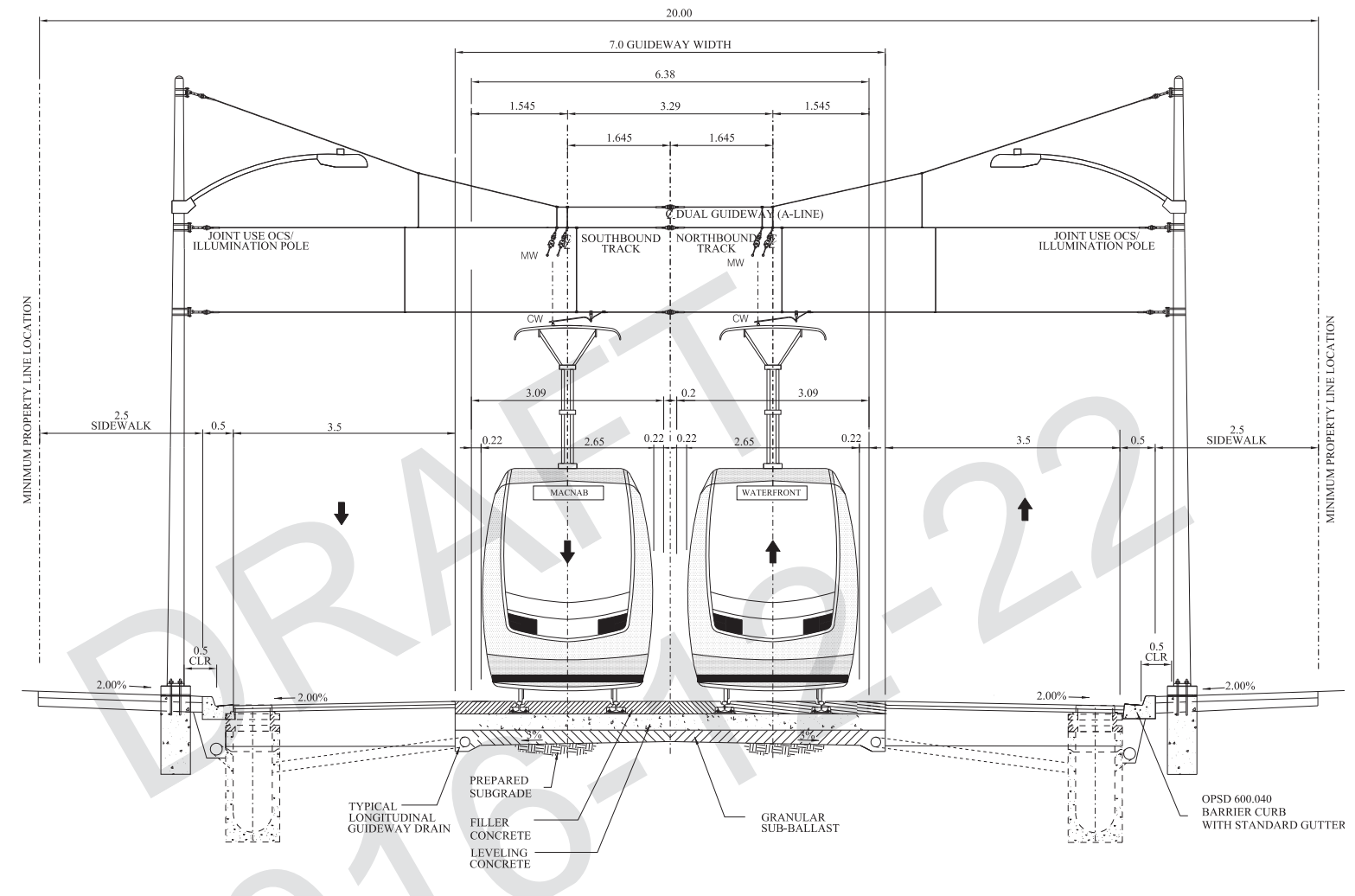
AECOM **DIALOG**

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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**SHARED-RUNNING CROSS-SECTION
JAMES STREET NORTH**

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

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:	

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

NOT TO SCALE

DRAWN	JUAN WU
CHECKED	KATHLEEN GORDANO
APPROVED	LUQMAN BANQU
DATE	2016/12/13

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