



Ministry of  
Transportation  
and Infrastructure

PROJECT NO. 12736-0001

# HIGHWAY 7 AND HIGHWAY 11 INTERSECTION IMPROVEMENTS



Ministry of  
Transportation  
and Infrastructure

PROJECT NO. 12736-0001

# HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS

STA. POT 100+050.000 TO STA. POT 100+355.000

0.305 km

LANDMARK KILOMETRE INVENTORY

HIGHWAY No. 7 SEGMENT 2724

km 28.26 to km 28.56

## DRAWING INDEX

- R1-862-001
- R1-862-002
- R1-862-101 AND 102
- R1-862-201 AND 202
- R1-862-301
- R1-862-401 AND 402
- R1-862-601 AND 602

- LOCATION MAP, KEY PLAN, DRAWING INDEX, CONTROL POINT TABLE
- LEGEND
- PLANS
- PROFILES
- TYPICAL SECTIONS AND DETAILS
- GEOMETRICS & LANING
- SIGNING AND PAVEMENT MARKINGS

- TE-17023-1
- TE-17023-2
- TE-17023-3
- TE-90064-3

- SIGNAL AND LIGHTING MODIFICATION: SITE PLAN - NOTES - ELEVATIONS - LEGEND
- SIGNAL AND LIGHTING MODIFICATION: SITE PLAN ENLARGEMENT - COLOUR CODE
- SIGNAL AND LIGHTING MODIFICATION: SIGNAL DISPLAY - ELEVATIONS - DETECTOR LOOP TABLE
- SIGNAL AND LIGHTING MODIFICATION: SITE PLAN - ELEVATIONS

## PROJECT CONTROL POINTS TABLE

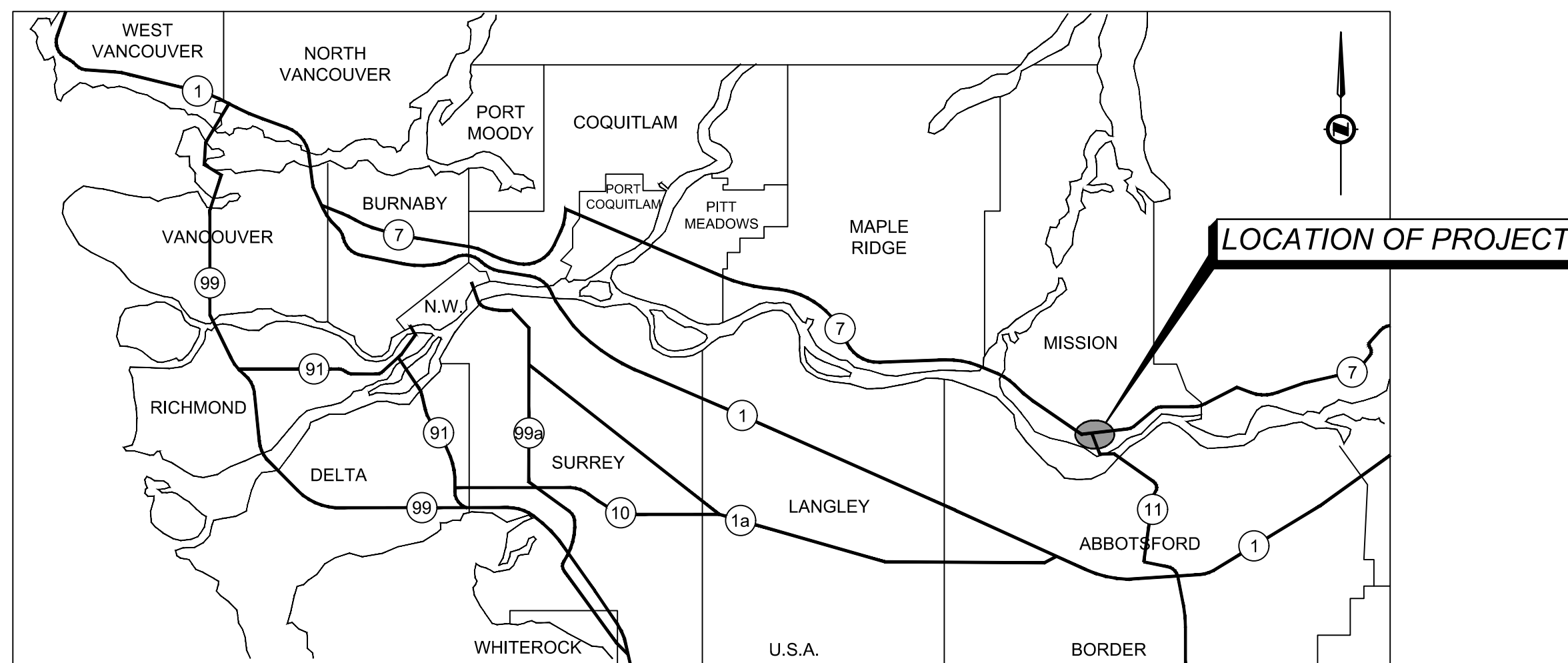
	LOCAL GROUND COORDINATES			N UTM	E UTM
	N GROUND	E GROUND	ELEV		
897056	443949.119	551081.821	8.324	5441953.367	550879.794
G01	444015.279	549449.946	10.840	5442019.503	549248.518
G02	444126.134	549401.907	15.440	5442130.317	549200.496
G03	444469.357	549365.242	18.520	5442473.414	549163.845
RP01	443996.326	549496.220	9.485	5442000.557	549294.775
RP02	444017.227	549531.109	7.912	5442021.450	549329.651
RP03	444258.194	549386.745	16.761	5442262.329	549185.340
RP04	444395.322	549376.915	17.311	5442399.406	549175.513
DH01	444200.601	549392.231	16.545	5442204.757	549190.824
DH02	444338.975	549366.566	17.464	5442343.080	549165.168
DH03	444412.460	549357.633	18.111	5442416.538	549156.238

### NOTES:

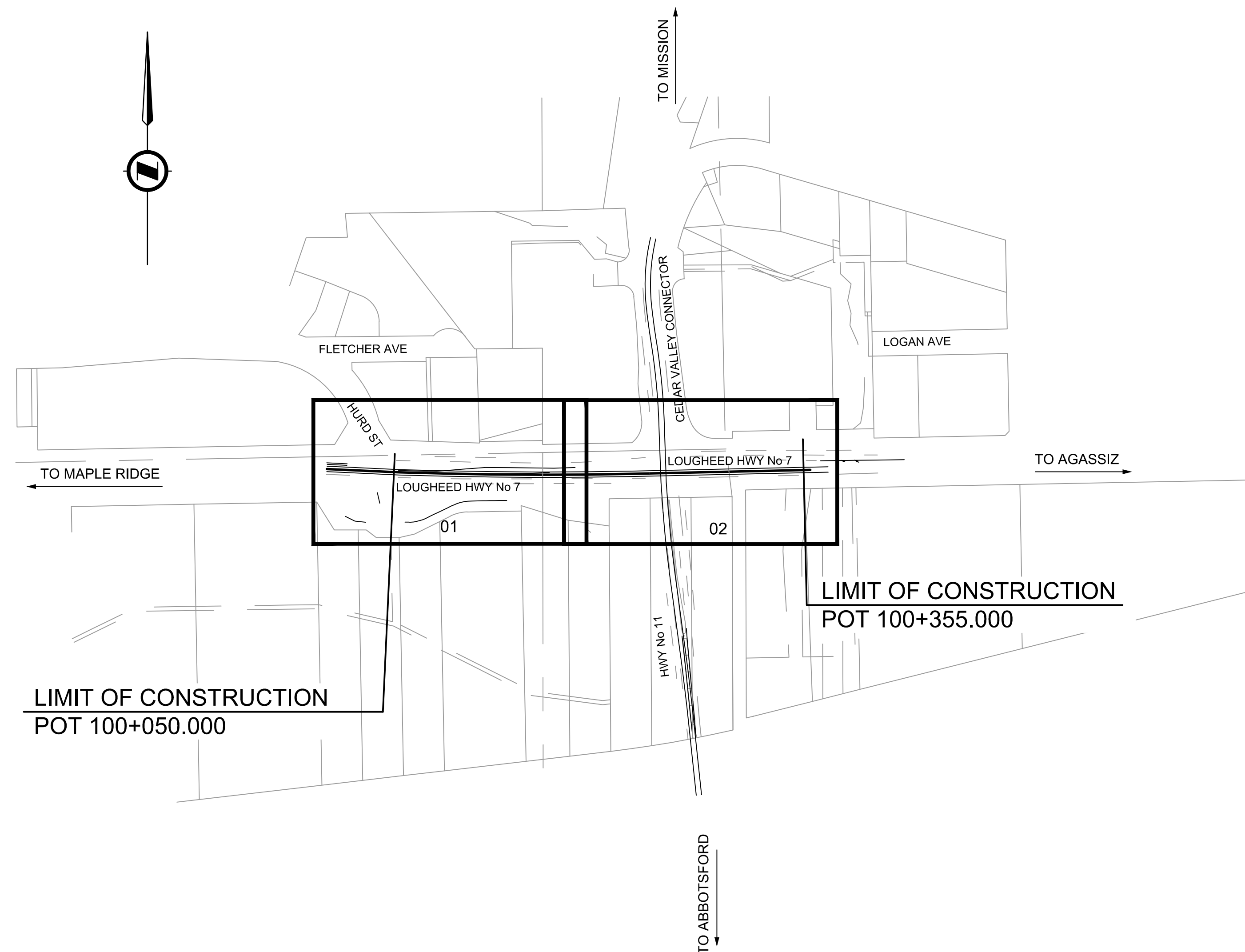
PRIMARY CONTROL COORDINATES AND ELEVATIONS ARE DERIVED FROM GEODETIC CONTROL MONUMENT 897056 AND ARE PROVIDED BY MOTI.

ALL COORDINATES ARE LOCAL, BASED ON NAD83(CSRS) DATUM WITH ELEVATIONS CALCULATED USING THE HT2.0 GEOID MODEL. AVERAGE COMBINED SCALE FACTOR: 0.9996334000. TACK POINT 0,0. GRID SHIFT -5000000m IN NORTHING.

UTILITIES DRAWN FROM FIELD LOCATES AND B.C. ONE CALL. UTILITIES OTHER THAN THOSE REPRESENTED IN THESE DRAWINGS MAY EXIST.



LOCATION MAP  
SCALE: NTS



KEY PLAN  
SCALE: NTS

I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.

SIGNATURE \_\_\_\_\_  
MINISTRY REPRESENTATIVE

These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.



SIGNATURE \_\_\_\_\_  
ENGINEER OF RECORD

DIRECTOR OF ENGINEERING _____	REGIONAL DIRECTOR _____
DATE _____	DATE _____




# LEGEND

## EXISTING (SYMBOLS)







### SURVEY

- REFERENCE POINT 
- WITNESS POST 




### AERIAL UTILITIES

- POWER / TELEPHONE POLE 
- POWER POLE 
- POWER / TELEPHONE POLE WITH TRANSFORMER 

### DRAINAGE

- CULVERT 
- CULVERT INLET 
- CULVERT OUTLET 
- MANHOLE 
- CATCH BASIN 
- HEADWALL 





### ELECTRICAL

- LAMP STANDARD 
- TRAFFIC SIGNAL / CAMERA 
- JUNCTION BOX 

### METERS

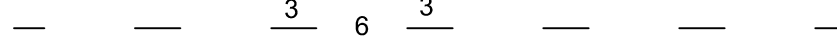
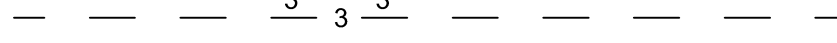
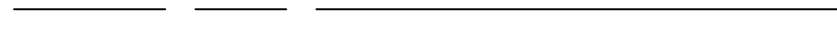


- WATER VALVE 
- FIRE HYDRANT 

### ROAD SIGNS

- ONE POST (WOOD / PERFORATED SQUARE STEEL / ROUND STEEL) 
- TWO POST (WOOD / PERFORATED SQUARE STEEL) 
- OVERHEAD SIGN 
- OVERHEAD MESSAGE BOARD 

## EXISTING (LINETYPES)

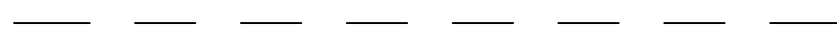
### ALIGNMENT

- BROKEN WHITE LINE - URBAN 
- BROKEN WHITE LINE - DECEL 
- DOUBLE YELLOW LINE 
- SHOULDER 
- YELLOW LINE 

### BARRIERS

- CONCRETE ROADSIDE / MEDIAN BARRIER 

### CONSTRUCTION

- RIPRAP 

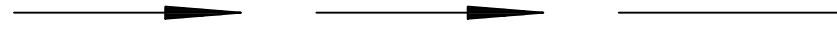

### FEATURES

- FENCE 

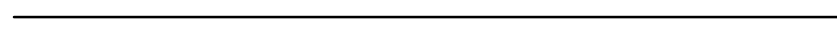

### UNDERGROUND

- STORM / SEWER DRAIN 
- UNDERGROUND ELECTRICAL POWER 
- PIPELINE (NOT PLASTIC) 

### HYDROLOGY

- DITCH, CREEK OR STREAM CENTER 
- DITCH EDGE 

### LOT BOUNDARIES

- PROPERTY LINE 
- DISTRICT LOT BOUNDARY 

### TOPOGRAPHY


- BASE OF SLOPE OR EMBANKMENT 
- TOP OF SLOPE OR EMBANKMENT 

### WALL

- BIN WALL, HEAD WALL, RETAINING WALL, WING WALL 

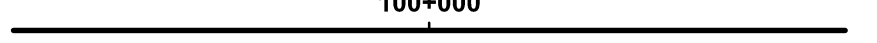
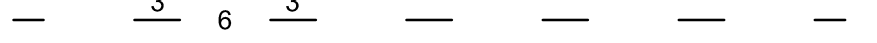
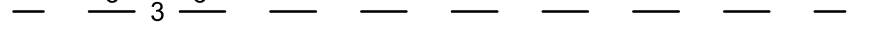
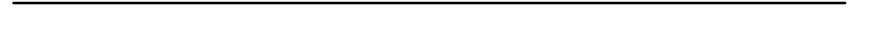

## PROPOSED (SYMBOLS)

### ROAD SIGNS



- ONE POST (WOOD / PERFORATED SQUARE STEEL / ROUND STEEL) 

## PROPOSED (LINETYPES)

### ALIGNMENT

- CONTROL LINE 
- BROKEN WHITE LINE - URBAN 
- BROKEN WHITE LINE - DECEL 
- SOLID WHITE LINE 
- EDGE OF PAVEMENT 

### HATCHING

- 50 mm MILL AND 50 mm OVERLAY 
- RAISED MEDIAN 

I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.

SIGNATURE \_\_\_\_\_



MINISTRY REPRESENTATIVE \_\_\_\_\_

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SIGNATURE \_\_\_\_\_

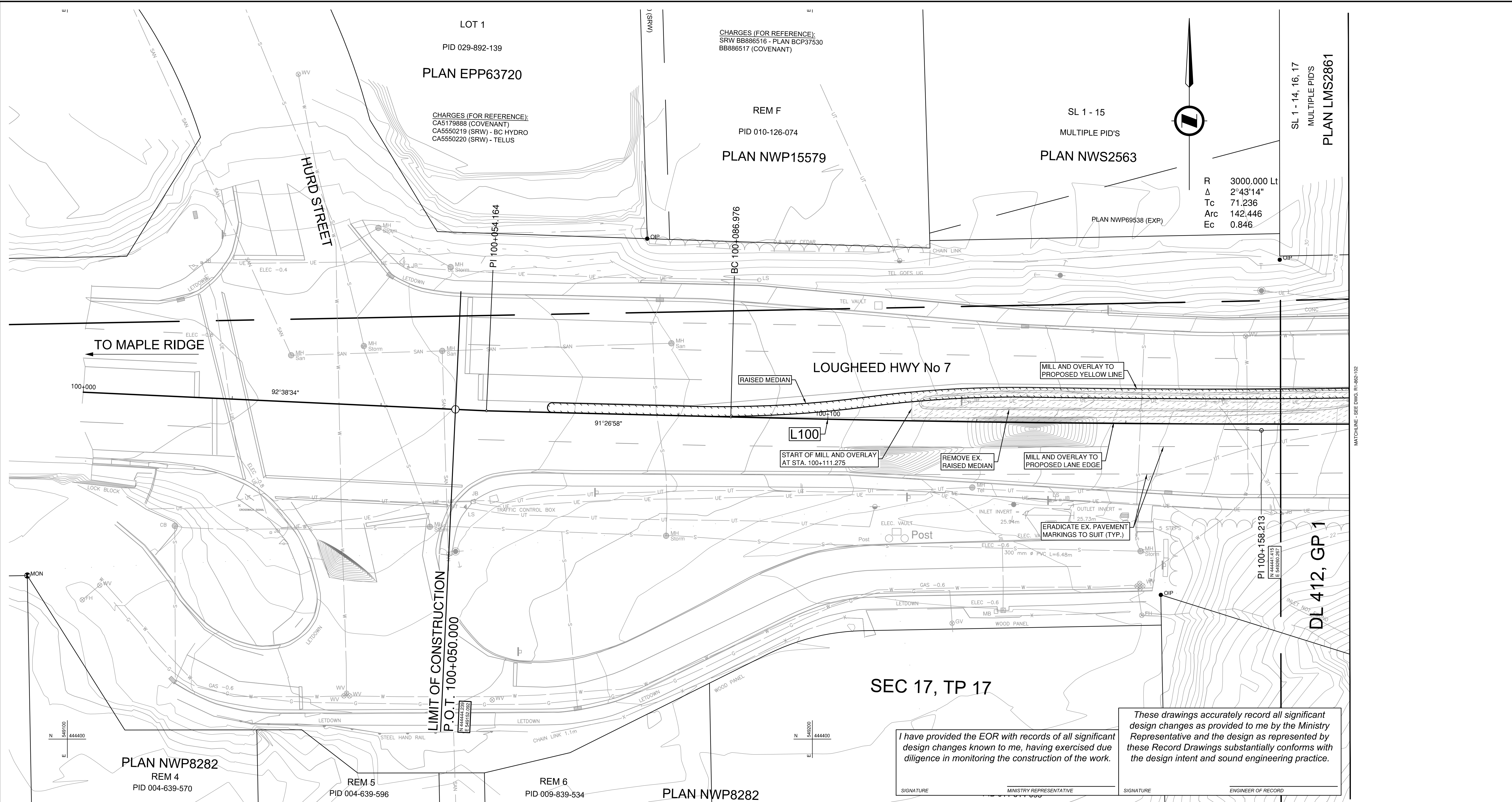
ENGINEER OF RECORD \_\_\_\_\_

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 PLOTTED BY: John Shim

 SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098	SCALE _____ CAD FILENAME: R1-862-000.DWG PLOT DATE: 3/1/2019	 MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	<b>LEGEND</b> HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS HIGHWAY 7 AND 11																				
	<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>REVISIONS</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2019-03-01</td> <td>RECORD DRAWING</td> <td>A. SANTOS</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		REV	DATE	REVISIONS	NAME	A	2019-03-01	RECORD DRAWING	A. SANTOS	-	-	-	-	-	-	-	-	-	-	-	-	DESIGNED: Y. YUSUF DATE: 2017-04-07 QUALITY CONTROL: A. SANTOS DATE: 2017-04-13 QUALITY ASSURANCE: C. CLARK DATE: 2017-04-13 DRAWN: J. SHIM DATE: 2017-04-10
REV	DATE	REVISIONS	NAME																				
A	2019-03-01	RECORD DRAWING	A. SANTOS																				
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LAST PLOTTED ON: Friday, March 01, 2019 11:35:35 AM  
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 PLOTTED BY: John Shim



*I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.*

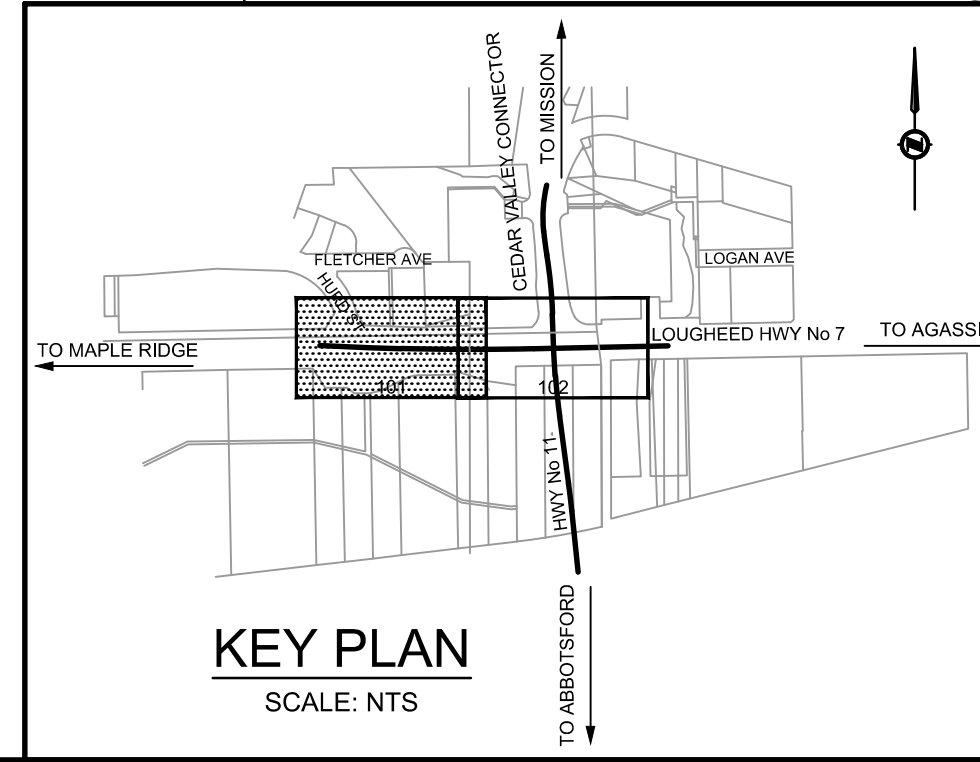
*These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.*

FOR TYPICAL SECTIONS AND DETAILS SEE DWG. No. R1-862-301  
 FOR PROFILES SEE DWG. No.'s R1-862-201 AND 202  
 FOR GEOMETRICS AND LANING SEE DWG. No.'s R1-862-401 AND 402

**CLEARING AND GRUBBING**  
 TOTAL THIS SHEET = 0.00 ha

**LEGEND**

50mm MILL AND OVERLAY



**ISL Engineering and Land Services**  
 SUITE 201, 8506 - 200 STREET  
 LANGLEY, BRITISH COLUMBIA, V2Y 0M1  
 PH: 604.371.0091 FAX: 604.371.0098

CAD FILENAME: R1-862-100.DWG  
 PLOT DATE: 3/1/2019

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-	-	-	-

**BRITISH COLUMBIA**  
 MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 SOUTH COAST REGION  
 HIGHWAY ENGINEERING AND GEOMATICS

**RECORD - PLAN**  
**HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS**  
**HIGHWAY No. 7**  
 STA. 100+050.000 TO STA. 100+170.000

DESIGNED	Y. YUSUF	DATE	2017-04-07
QUALITY CONTROL	A. SANTOS	DATE	2017-04-13
QUALITY ASSURANCE	C. CLARK	DATE	2017-04-13
DRAWN	J. SHIM	DATE	2017-04-10

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
31683	12736-0001	1	R1-862-101	A



SL 1 - 14, 16, 17  
MULTIPLE PID'S  
PLAN LMS2861

REM 2  
PID 023-662-352  
PLAN LMP31617

SEC 20, TP 17

LOUGHEED HWY No 7

TO AGASSIZ

LOUGHEED HWY No 7

DL 412, GP 1

EC 100+229.423

HWY No 11

REM 20  
PID 011-507-616  
PLAN NWP9880

PLAN NWP8282  
REM 10  
PID 011-314-087

END OF MILL AND OVERLAY  
AT STA. 100+229.550

EX. TRAFFIC SIGNAL TO BE RELOCATED  
REFER TO ELECTRICAL DWG. No. TE-17023-1

REMOVE EX.  
RAISED MEDIAN

RAISED MEDIAN

ERADICATE EX. PAVEMENT  
MARKINGS TO SUIT (TYP.)

G03  
N. 444469.357  
E. 549365.242  
ELEV. 18.520

DH03  
N. 444412.460  
E. 549357.633  
ELEV. 18.111

RP04  
N. 444395.322  
E. 549376.915  
ELEV. 17.311

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LIMIT OF CONSTRUCTION  
P.O.T. 100+355.000

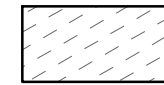
FOR TYPICAL SECTIONS AND DETAILS SEE DWG. No. R1-862-301

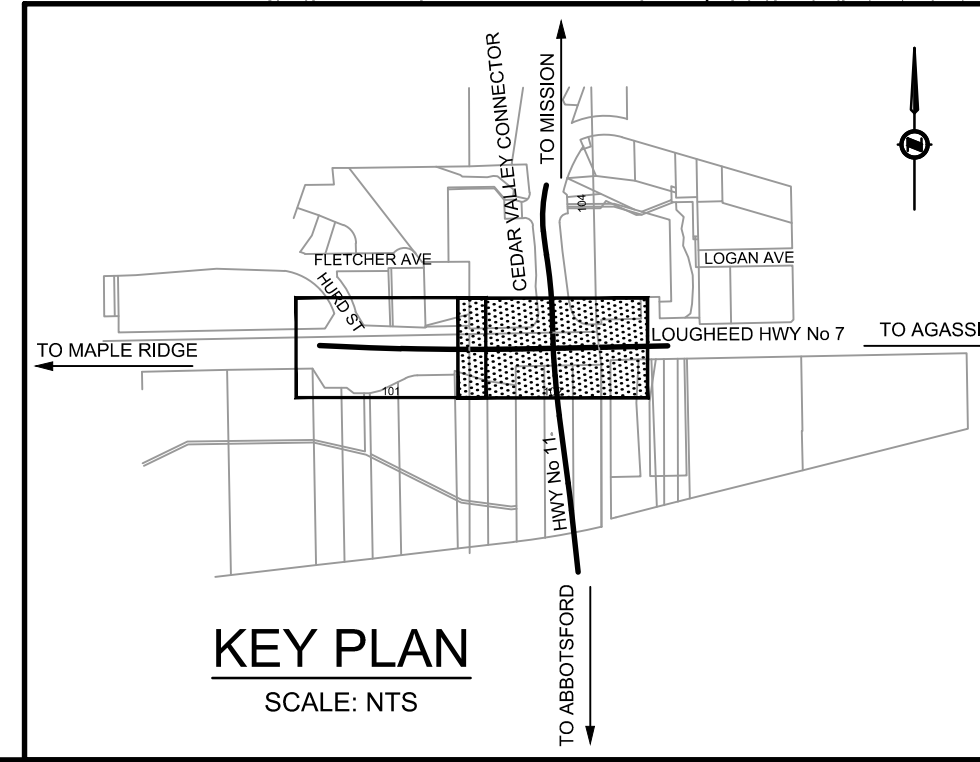
FOR PROFILES SEE DWG. No.'s R1-862-201 AND 202


FOR GEOMETRICS AND LANING SEE DWG. No.'s R1-862-401 AND 402


CLEARING AND GRUBBING  
TOTAL THIS SHEET = 0.00 ha

**LEGEND**

 50mm MILL AND OVERLAY



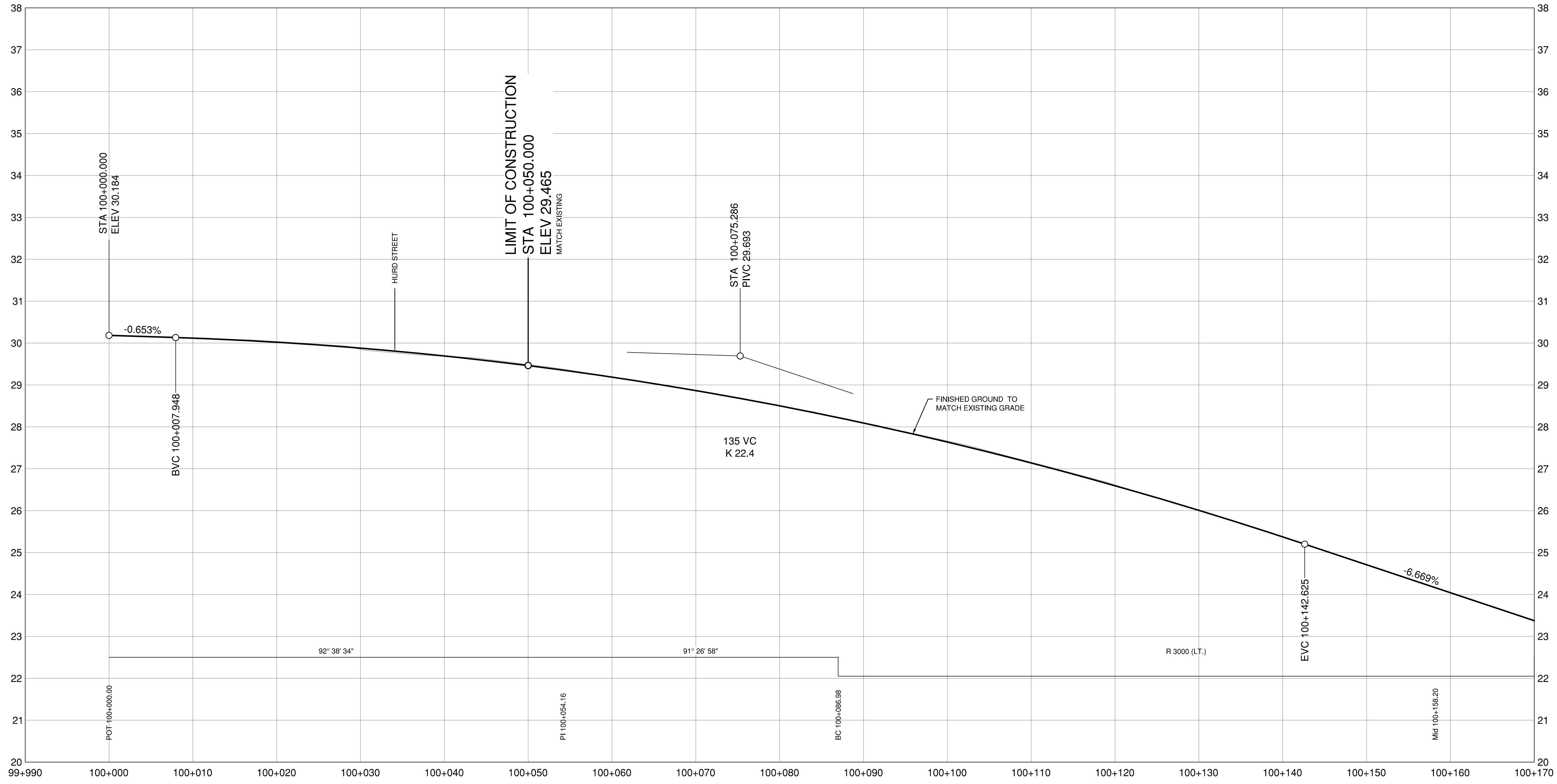
<b>ISL Engineering and Land Services</b>		SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098	
SCALE 		CAD FILENAME R1-862-100.DWG PLOT DATE 3/1/2019	
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		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	
<b>RECORD - PLAN</b>			
HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS HIGHWAY No. 7 STA. 100+170.000 TO STA. 100+355.000			
DESIGNED	Y. YUSUF	DATE	2017-04-02
QUALITY CONTROL	A. SANTOS	DATE	2017-04-13
QUALITY ASSURANCE	C. CLARK	DATE	2017-04-13
DRAWN	J. SHIM	DATE	2017-04-10
FILE NUMBER	31683	PROJECT NUMBER	12736-0001
REG	1	DRAWING NUMBER	R1-862-102
REV	A		

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PLOTTED BY: John Shim



LAST PLOTTED ON: Friday, March 01, 2019, 11:36:53 AM  
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 PLOTTED BY: John Shim



**DESIGN SPEED 50 km/h**

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SIGNATURE \_\_\_\_\_ MINISTRY REPRESENTATIVE  
 SIGNATURE \_\_\_\_\_ ENGINEER OF RECORD



SCALE: 0 2 H 1:250 10m  
 0 0.5 V 1:50 2m  
 CAD FILENAME: R1-862-200.DWG  
 PLOT DATE: 3/1/2019

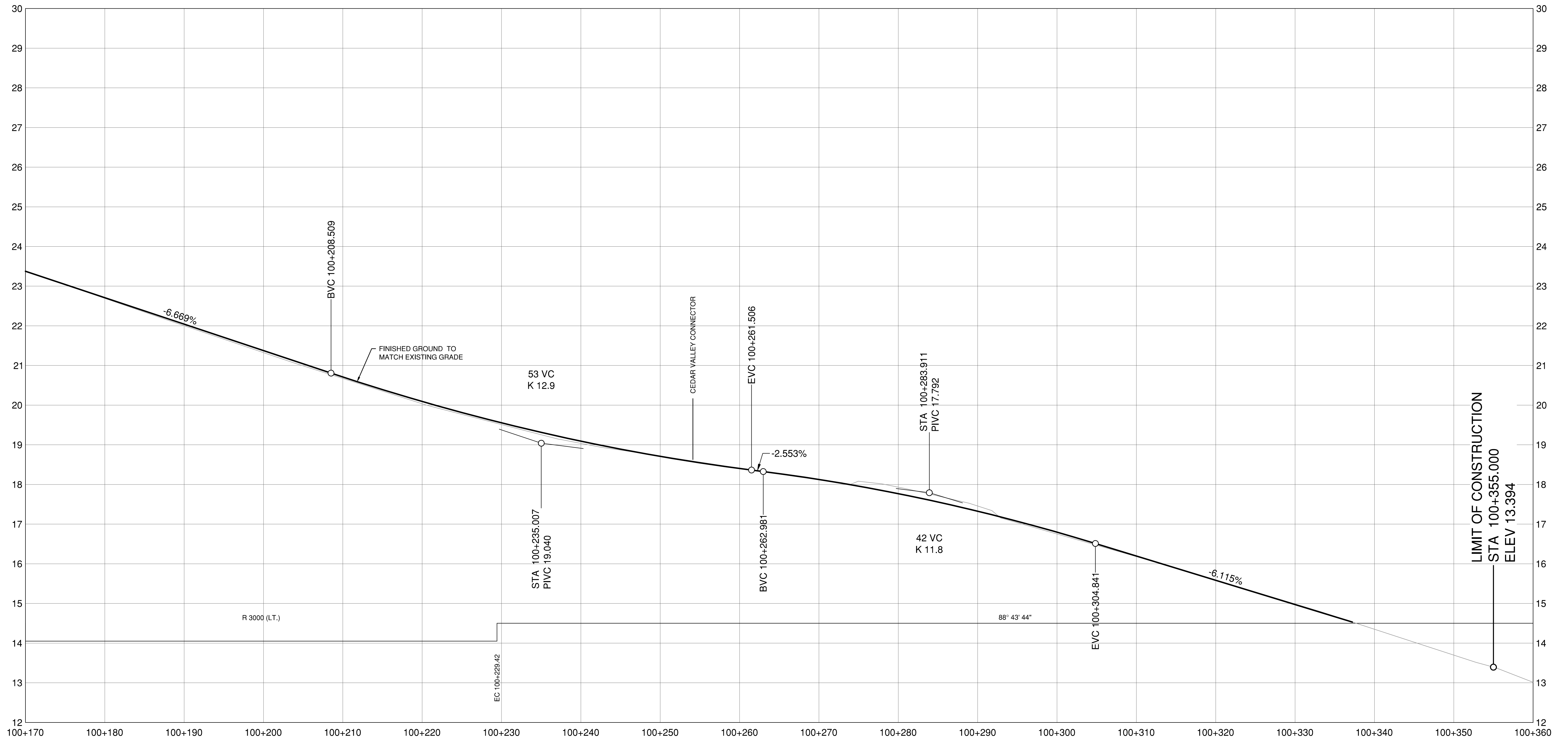
**RECORD - PROFILE**  
 HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS  
 "L-100" (HIGHWAY No. 7)  
 STA. 100+000.000 TO STA. 100+170.000

REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
-	-	-	-
-	-	-	-
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DESIGNED: Y. YUSUF DATE: 2017-04-07		QUALITY CONTROL: A. SANTOS DATE: 2017-04-13	
QUALITY ASSURANCE: C. CLARK DATE: 2017-04-13		DRAWN: J. SHIM DATE: 2017-04-10	
FILE NUMBER: 31683	PROJECT NUMBER: 12736-0001	REG: 1	DRAWING NUMBER: R1-862-201
			REV: A



LAST PLOTTED ON: Friday, March 01, 2019, 11:36:56 AM  
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 PLOTTED BY: John Shim



DESIGN SPEED 50 km/h

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**ISL Engineering and Land Services**  
 SUITE 201, 8506 - 200 STREET  
 LANGLEY, BRITISH COLUMBIA, V2Y 0M1  
 PH : 604.371.0091 FAX : 604.371.0098

**BRITISH COLUMBIA** MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 SOUTH COAST REGION  
 HIGHWAY ENGINEERING AND GEOMATICS

SCALE: 0 2 H 1:250 10m  
 0 0.5 V 1:50 2m

CAD FILENAME: R1-862-200.DWG  
 PLOT DATE: 3/1/2019

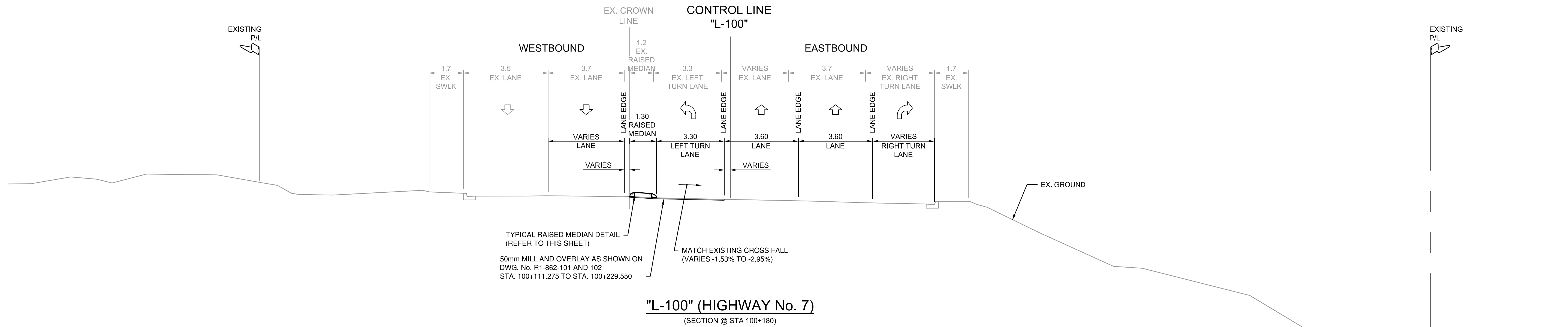
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**RECORD - PROFILE**  
 HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS  
 "L-100" (HIGHWAY No. 7)  
 STA. 100+170.000 TO STA. 100+355.000

DESIGNED: Y. YUSUF DATE: 2017-04-07  
 QUALITY CONTROL: A. SANTOS DATE: 2017-04-13  
 QUALITY ASSURANCE: C. CLARK DATE: 2017-04-13  
 SENIOR DESIGNER: \_\_\_\_\_  
 DRAWN: J. SHIM DATE: 2017-04-10

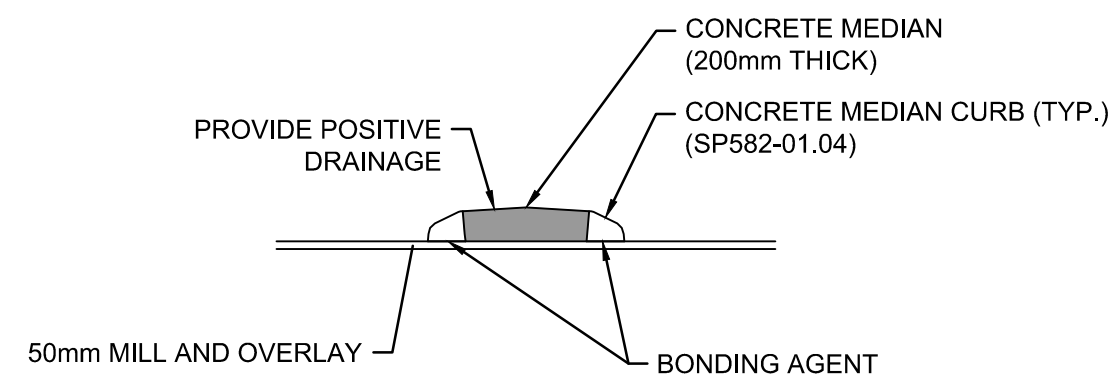
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LAST PLOTTED ON: Friday, March 01, 2019, 11:37:48 AM  
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 PLOTTED BY: John Shim



TYPICAL RAISED MEDIAN DETAIL  
 (REFER TO THIS SHEET)  
 50mm MILL AND OVERLAY AS SHOWN ON  
 DWG. No. R1-862-101 AND 102  
 STA. 100+111.275 TO STA. 100+229.550

MATCH EXISTING CROSS FALL  
 (VARIES -1.53% TO -2.95%)



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**ISL Engineering and Land Services**  
 SUITE 201, 8506 - 200 STREET  
 LANGLEY, BRITISH COLUMBIA, V2Y 0M1  
 PH : 604.371.0091 FAX : 604.371.0098

**BRITISH COLUMBIA**  
 MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 SOUTH COAST REGION  
 HIGHWAY ENGINEERING AND GEOMATICS

SCALE 0 1 1:100 5m CAD FILENAME R1-862-300.DWG PLOT DATE 3/1/2019

REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
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-	-	-	-
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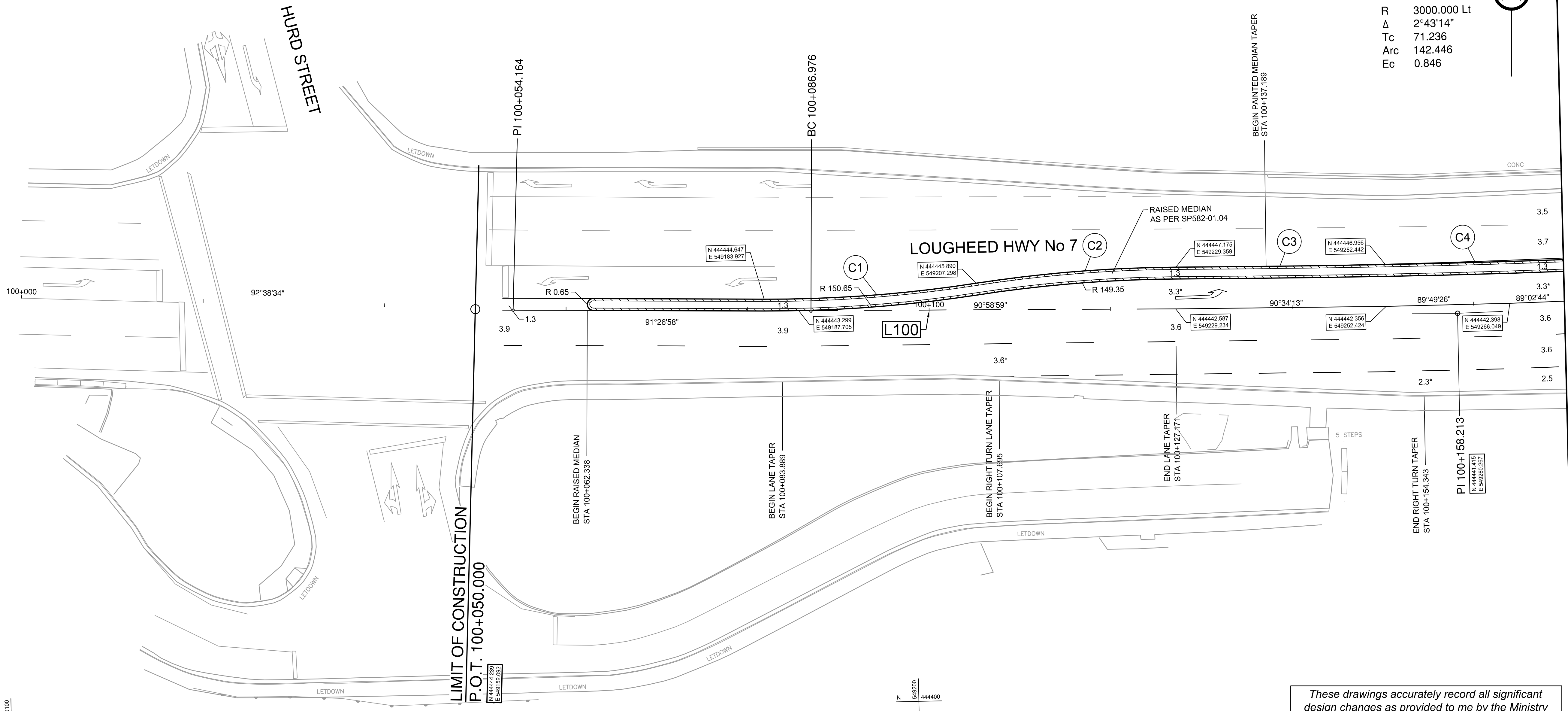
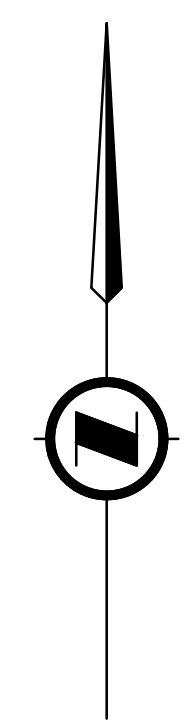
**RECORD - TYPICAL SECTIONS AND DETAILS**  
HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS  
"L-100" (HIGHWAY No. 7)

DESIGNED	Y. YUSUF	DATE	2017-04-07
QUALITY CONTROL	A. SANTOS	DATE	2017-04-13
QUALITY ASSURANCE	C. CLARK	DATE	2017-04-13
DATE		DRAWN	J. SHIM
		DATE	2017-04-10
FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER
31683	12736-0001	1	R1-862-301
			REV
			A



CURVES ALONG LIP OF ISLAND CURB				
CURVE No.	C1	C2	C3	C4
RADIUS	149.350	150.650	2000.000	1000.000
Δ	8°59'16"	8°24'44"	0°39'41"	1°33'15"
TAN	11.738	11.079	11.542	13.563
ARC	23.428	22.118	23.084	27.124

R 3000.000 Lt  
 Δ 2°43'14"  
 Tc 71.236  
 Arc 142.446  
 Ec 0.846



I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.

SIGNATURE \_\_\_\_\_ MINISTRY REPRESENTATIVE

These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.

SIGNATURE \_\_\_\_\_ ENGINEER OF RECORD

DESIGN VEHICLE WB-20

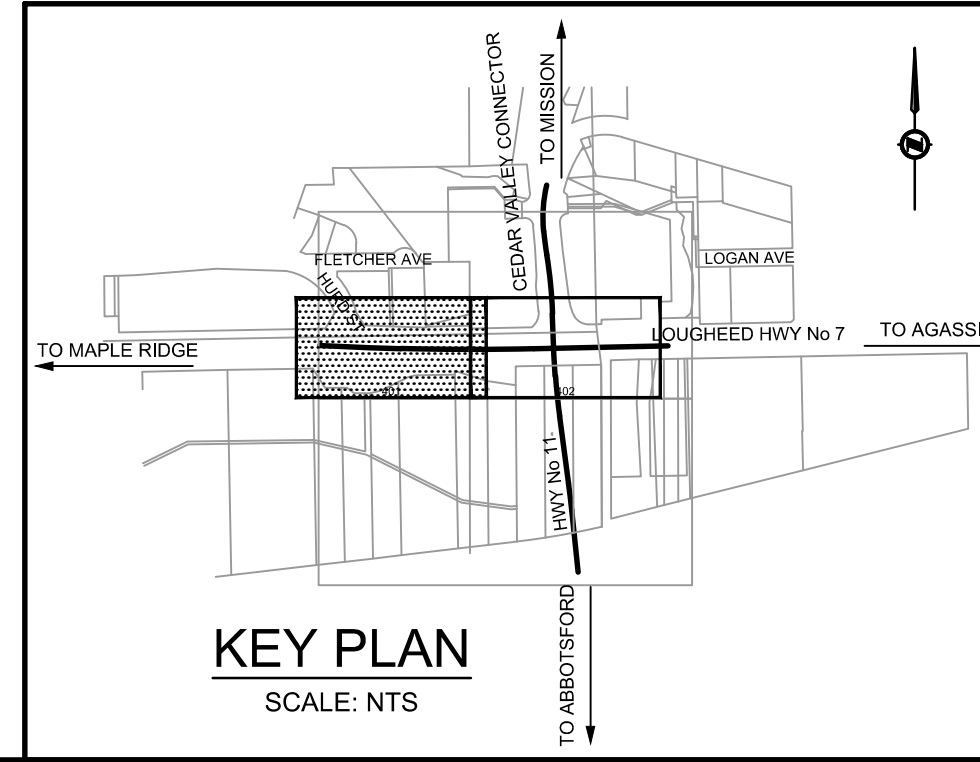
FOR PLANS SEE DWG. No.'s R1-862-101 AND 102

FOR PROFILES SEE DWG. No.'s R1-862-201 AND 202

FOR TYPICAL SECTIONS AND DETAILS SEE DWG. No. R1-862-301

DESIGN SPEED 50 km/h

NOTES:  
 \* DIMENSION FROM LIP OF CURB TO PAINT LINE.  
 L100 ALIGNMENT LINE IS NOT SHOWN FOR CLARITY.

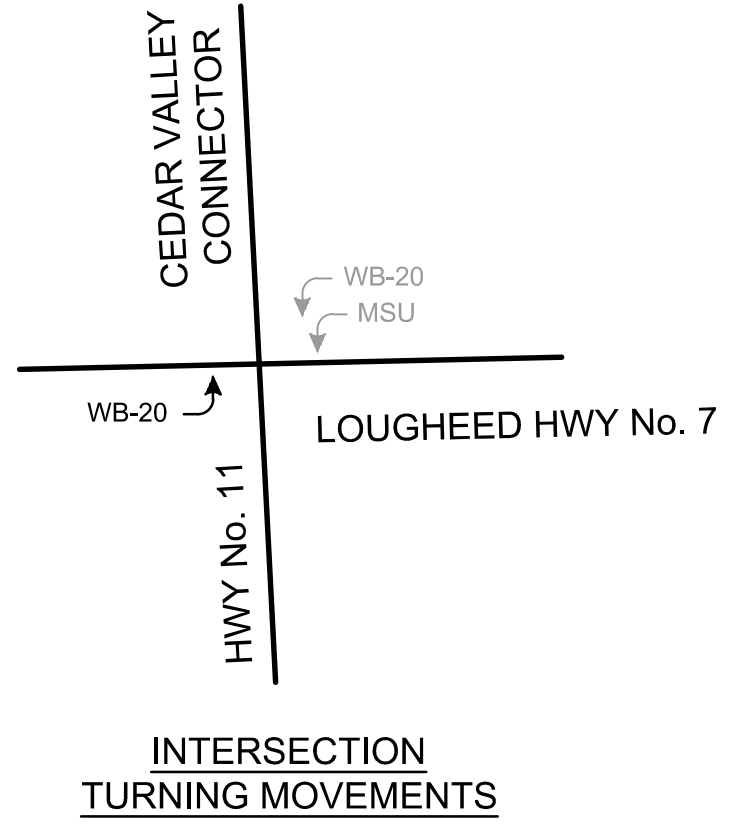
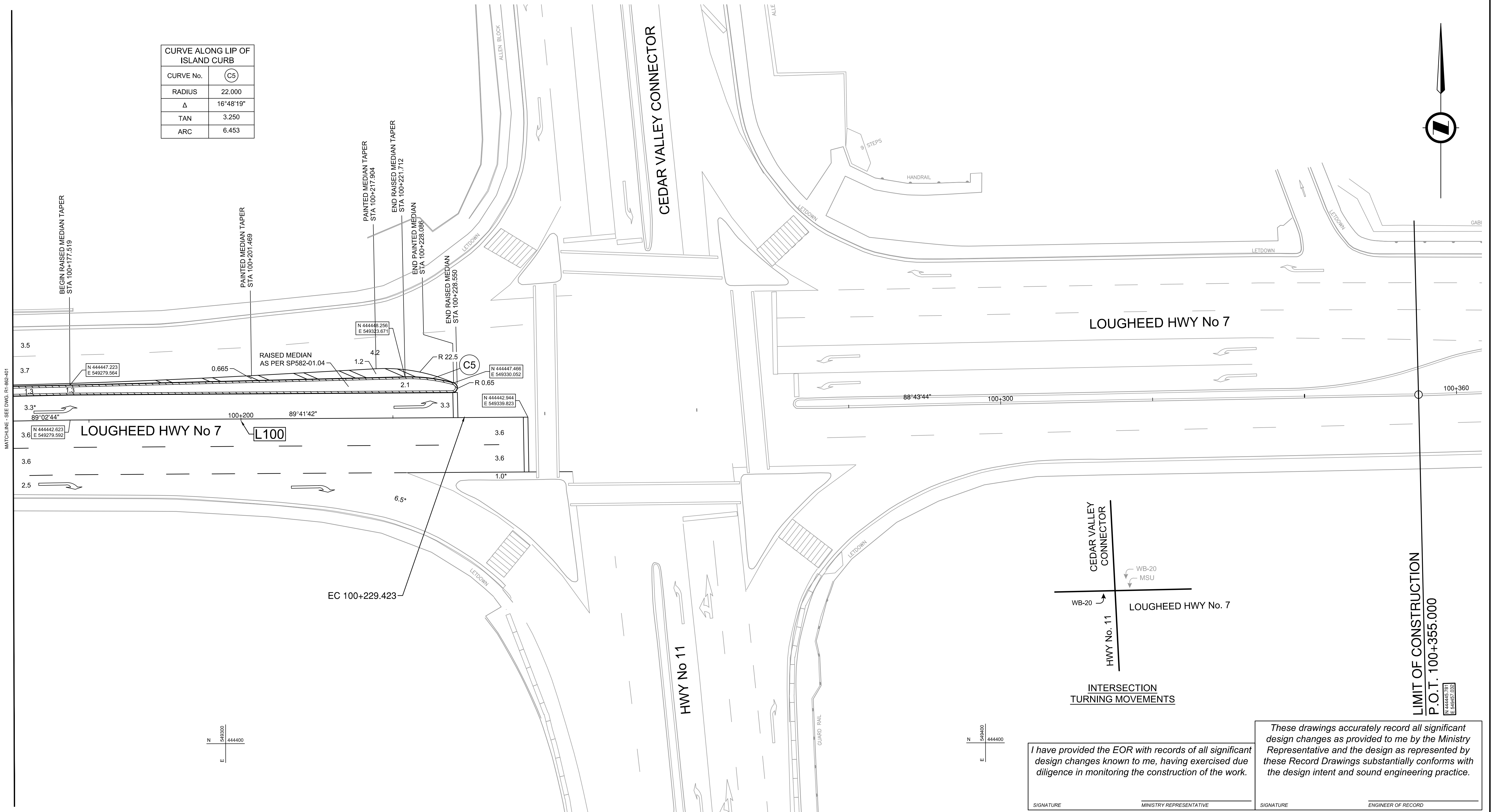
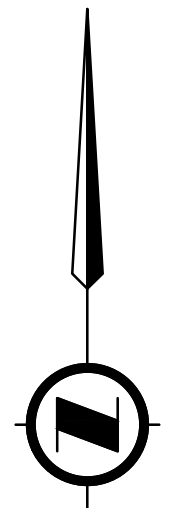


		SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098	
SCALE 0 2 1:250 12m		CAD FILENAME R1-862-400.DWG PLOT DATE 3/1/2019	
REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
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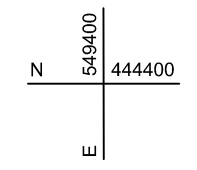
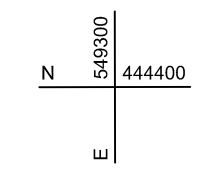
		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	
<b>RECORD - GEOMETRICS AND LANING</b> HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS HIGHWAY No. 7 STA. 100+050.000 TO STA. 100+170.000			
DESIGNED <u>Y. YUSUF</u> DATE <u>2017-04-07</u> QUALITY CONTROL <u>A. SANTOS</u> DATE <u>2017-04-13</u> QUALITY ASSURANCE <u>C. CLARK</u> DATE <u>2017-04-13</u> DATE <u>2017-04-10</u> DRAWN <u>J. SHIM</u> DATE <u>2017-04-10</u>		SENIOR DESIGNER _____ DATE _____	
FILE NUMBER	PROJECT NUMBER	REV	DRAWING NUMBER
31683	12736-0001	1	R1-862-401
			REV A

LAST PLOTTED ON: Friday, March 01, 2019 11:39:07 AM  
 FILE LOCATION: H:\PROJECTS\131683 MOTI HWY 7 AND 11 INTERSECTION\02\_CADD\BDMOTI\_DRAWING\PRODUCTION\400\_GEOMETRICS\LANING\R1-862-400.DWG  
 PLOTTED BY: John Shim

CURVE ALONG LIP OF ISLAND CURB	
CURVE No.	(C5)
RADIUS	22.000
Δ	16°48'19"
TAN	3.250
ARC	6.453



LIMIT OF CONSTRUCTION  
P.O.T. 100+355.000



I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.

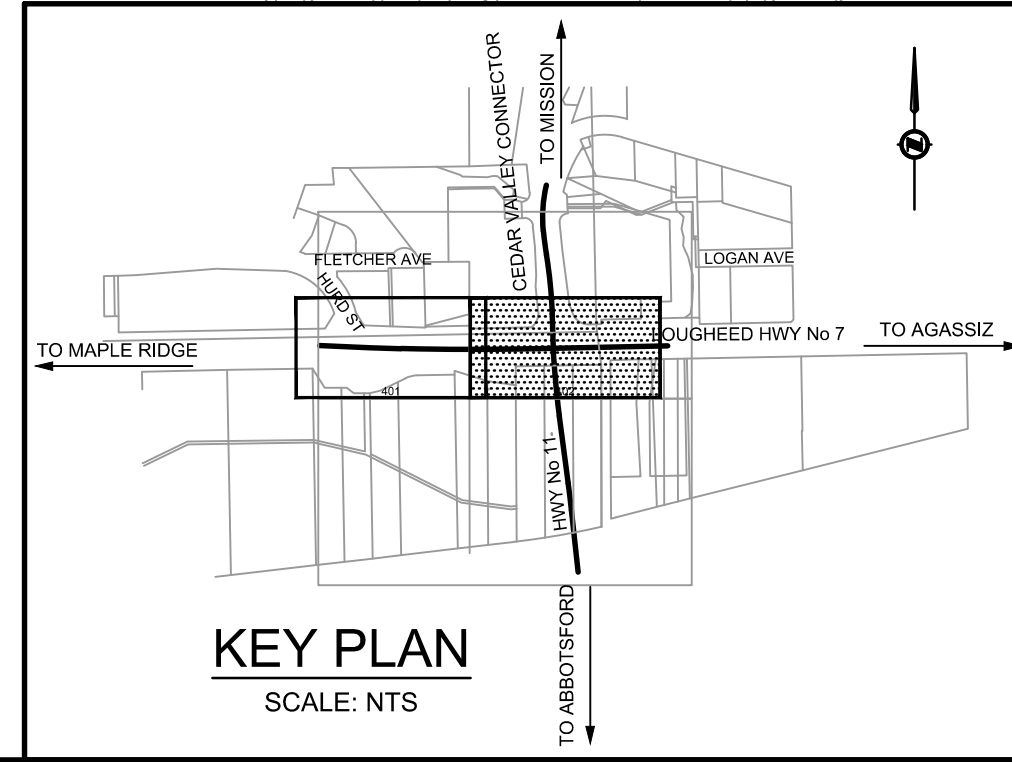
These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.

SIGNATURE \_\_\_\_\_ MINISTRY REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ ENGINEER OF RECORD \_\_\_\_\_

LAST PLOTTED ON: Friday, March 01, 2019 11:39:09 AM  
FILE LOCATION: H:\PROJECTS\31683 MOTI HWY 7 AND 11 INTERSECTION\02\_CADD\BDMOTI\_DRAWINGPRODUCTION\400\_GEOMETRICS\LANING\R1-862-400.DWG  
PLOTTED BY: John Shim

- DESIGN VEHICLE WB-20
- FOR PLANS SEE DWG. No.'s R1-862-101 AND 102
- FOR PROFILES SEE DWG. No.'s R1-862-201 AND 202
- FOR TYPICAL SECTIONS AND DETAILS SEE DWG. No. R1-862-301
- DESIGN SPEED 50 km/h

NOTES:  
\* DIMENSION FROM LIP OF CURB TO PAINT LINE.  
L100 ALIGNMENT LINE IS NOT SHOWN FOR CLARITY.



		SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098	
		CAD FILENAME R1-862-400.DWG PLOT DATE 3/1/2019	
SCALE	0 2 1:250 12m		
REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS				
		<b>RECORD - GEOMETRICS AND LANING</b> HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS HIGHWAY No. 7 STA. 100+170.000 TO STA. 100+355.000				
DESIGNED Y. YUSUF DATE 2017-04-07 QUALITY CONTROL A. SANTOS DATE 2017-04-13 QUALITY ASSURANCE C. CLARK DATE 2017-04-13 SENIOR DESIGNER _____ DATE _____ DRAWN J. SHIM DATE 2017-04-10		FILE NUMBER <b>31683</b>	PROJECT NUMBER <b>12736-0001</b>	REG <b>1</b>	DRAWING NUMBER <b>R1-862-402</b>	REV <b>A</b>



LAST PLOTTED ON: Friday, March 01, 2019 11:41:28 AM  
 FILE LOCATION: H:\PROJECTS\1683 MOTI HWY 7 AND 11 INTERSECTION\02\_CADD\BDMOTI\_DRAWING\PRODUCTION\600\_SIGNAGE\PAVEMENT\MARKINGS\R1-862-600.DWG  
 PLOTTED BY: John Shim

ROADWAY SIGNS & PAVEMENT MARKINGS TO BC MOTI MANUAL (LATEST EDITION)

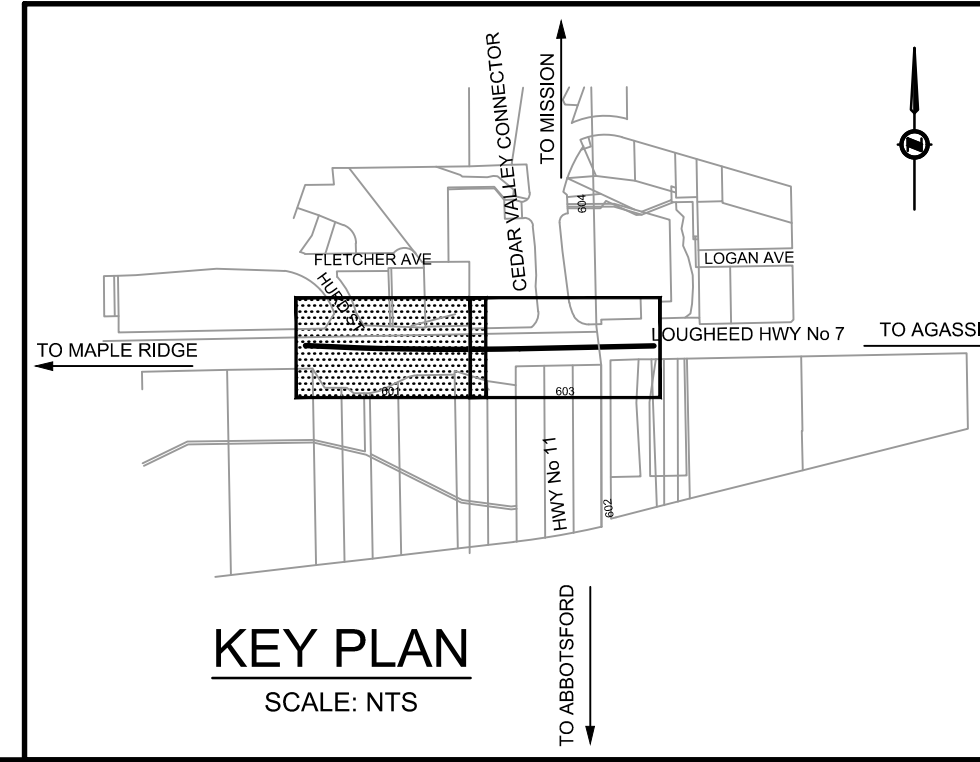
SIGN HEIGHT 2.0m FROM EDGE OF PAVEMENT TO BOTTOM OF PARENT SIGN

NOTES:  
 \* DIMENSION FROM LIP OF CURB TO PAINT LINE.  
 L100 ALIGNMENT LINE IS NOT SHOWN FOR CLARITY.

DESIGN SPEED 50 km/h

DESIGN VEHICLE WB-20

PAVEMENT MARKINGS LEGEND	
	100 mm - DIRECTIONAL DIVIDING PAINT LINE (YELLOW)
	100 mm - SOLID EDGE PAINT LINE (WHITE)
	100 mm - BROKEN WHITE LANE PAINT LINE - URBAN
	100 mm - DASHED INTERSECTION GUIDING LINE (WHITE)
	100 mm - BROKEN WHITE LANE PAINT LINE - DECEL



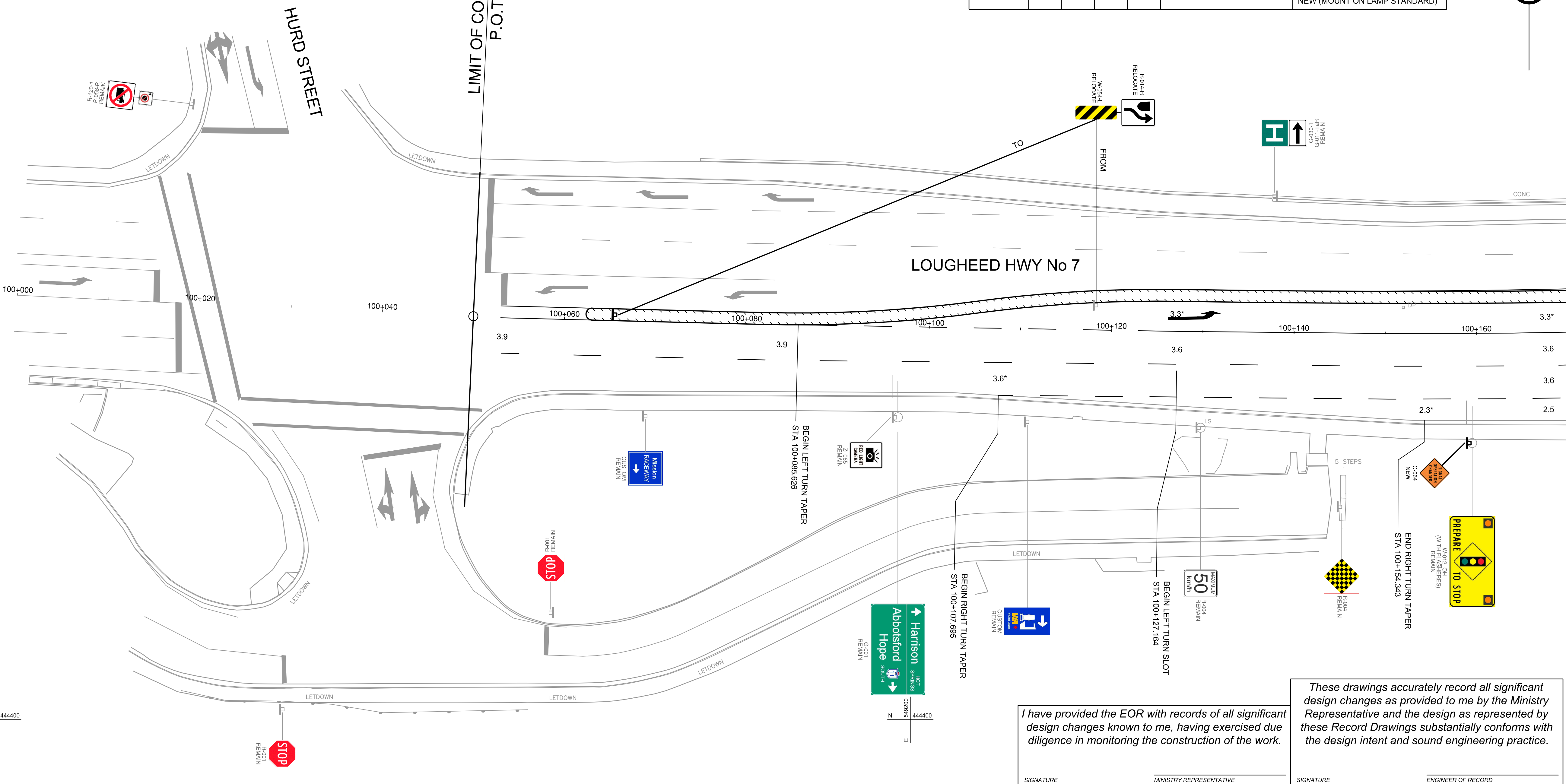
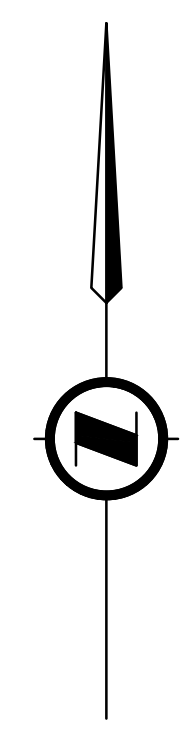
**ISL Engineering and Land Services**  
 SUITE 201, 8506 - 200 STREET  
 LANGLEY, BRITISH COLUMBIA, V2Y 0M1  
 PH : 604.371.0091 FAX : 604.371.0098

SCALE	0 2 1:250 12m		
CAD FILENAME	R1-862-600.DWG		
PLOT DATE	3/1/2019		
REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**BRITISH COLUMBIA** MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 SOUTH COAST REGION  
 HIGHWAY ENGINEERING AND GEOMATICS

RECORD - SIGNING AND PAVEMENT MARKINGS			
HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS			
HIGHWAY No. 7			
STA. 100+050.000 TO STA. 100+170.000			
DESIGNED	Y. YUSUF	DATE	2017-04-07
QUALITY CONTROL	A. SANTOS	DATE	2017-04-13
QUALITY ASSURANCE	C. CLARK	DATE	2017-04-13
DRAWN	J. SHIM	DATE	2017-04-10
FILE NUMBER	31683	PROJECT NUMBER	12736-0001
REG	1	DRAWING NUMBER	R1-862-601
REV	A		

DRAWING No. R1-862-601						
SIGN TYPE	No. REQUIRED		No. RELOCATE		LOCATION	DESCRIPTION
	SIGNS	POSTS	SIGNS	POSTS		
R-014R			1	1	STA 100+118 RT	"KEEP RIGHT" ARROW RELOCATE TO STA. 100+65 LT
W-054-L			1		STA 100+118 RT	HAZARD MARKER - LEFT RELOCATE TO STA. 100+65 LT
C-064	1	1			STA 100+158 RT	SIGNAL OPERATION CHANGED NEW (MOUNT ON LAMP STANDARD)



I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.

These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.

SIGNATURE \_\_\_\_\_ MINISTRY REPRESENTATIVE  
 SIGNATURE \_\_\_\_\_ ENGINEER OF RECORD

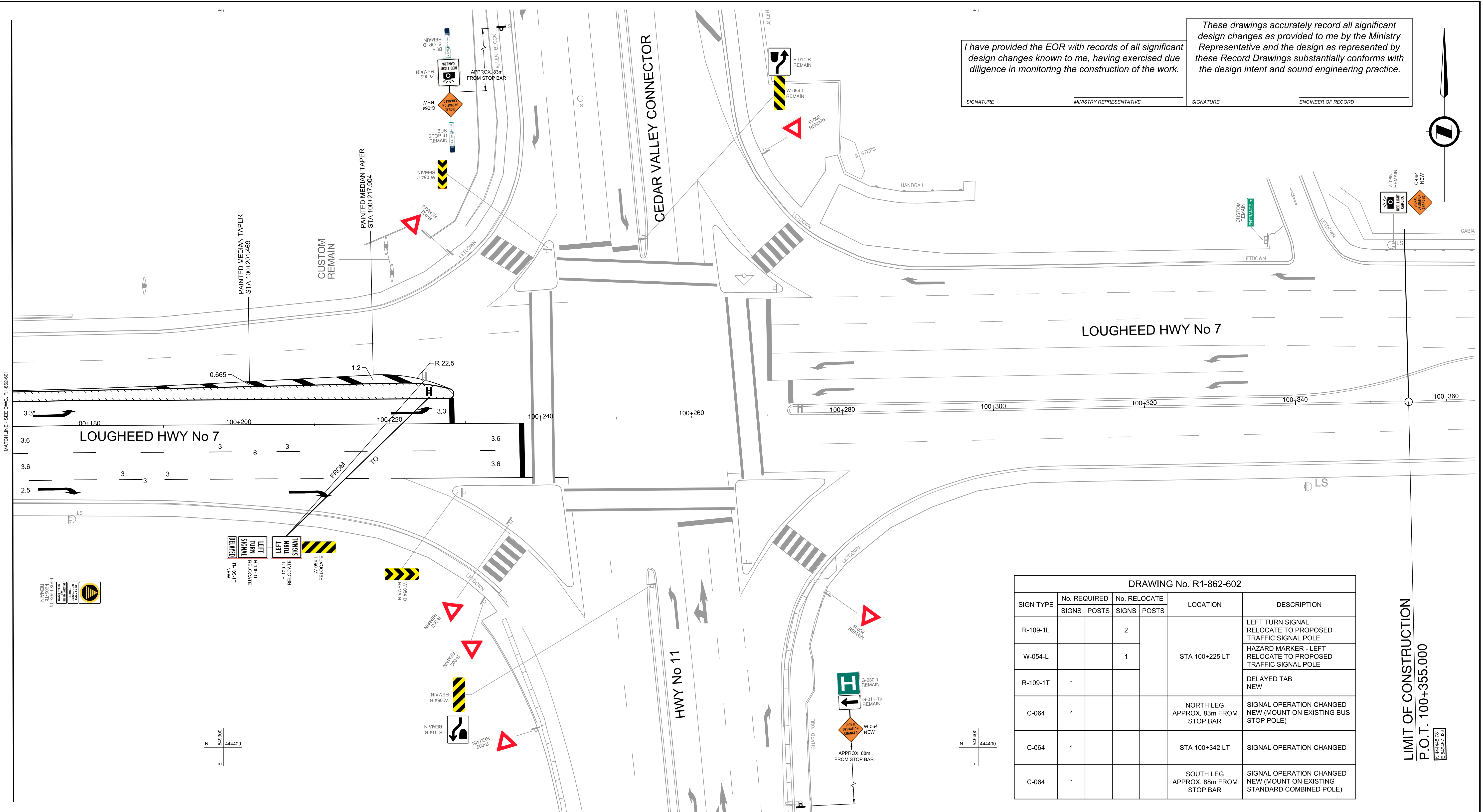
MATCHLINE - SEE DWG. R1-862-602



LAST PLOTTED ON: Friday, March 01, 2019 11:41:31 AM  
 FILE LOCATION: H:\PROJECTS\1683 MOTI HWY 7 AND 11 INTERSECTION\02\_CADD\BDMOTI\_DRAWINGPRODUCTION\600\_SIGNAGEPAVEMENTMARKINGS\R1-862-600.DWG  
 PLOTTED BY: John Shim

I have provided the EOR with records of all significant design changes known to me, having exercised due diligence in monitoring the construction of the work.  
 These drawings accurately record all significant design changes as provided to me by the Ministry Representative and the design as represented by these Record Drawings substantially conforms with the design intent and sound engineering practice.

SIGNATURE \_\_\_\_\_ MINISTRY REPRESENTATIVE  
 SIGNATURE \_\_\_\_\_ ENGINEER OF RECORD



DRAWING No. R1-862-602

SIGN TYPE	No. REQUIRED		No. RELOCATE		LOCATION	DESCRIPTION
	SIGNS	POSTS	SIGNS	POSTS		
R-109-1L			2		STA 100+225 LT	LEFT TURN SIGNAL RELOCATE TO PROPOSED TRAFFIC SIGNAL POLE
W-054-L			1			HAZARD MARKER - LEFT RELOCATE TO PROPOSED TRAFFIC SIGNAL POLE
R-109-1T	1				NORTH LEG APPROX. 83m FROM STOP BAR	DELAYED TAB NEW
C-064	1					SIGNAL OPERATION CHANGED NEW (MOUNT ON EXISTING BUS STOP POLE)
C-064	1					STA 100+342 LT SIGNAL OPERATION CHANGED
C-064	1				SOUTH LEG APPROX. 88m FROM STOP BAR	SIGNAL OPERATION CHANGED NEW (MOUNT ON EXISTING STANDARD COMBINED POLE)

LIMIT OF CONSTRUCTION  
 P.O.T. 100+355.000

ROADWAY SIGNS & PAVEMENT MARKINGS TO BC MOTI MANUAL (LATEST EDITION)

DESIGN SPEED 50 km/h

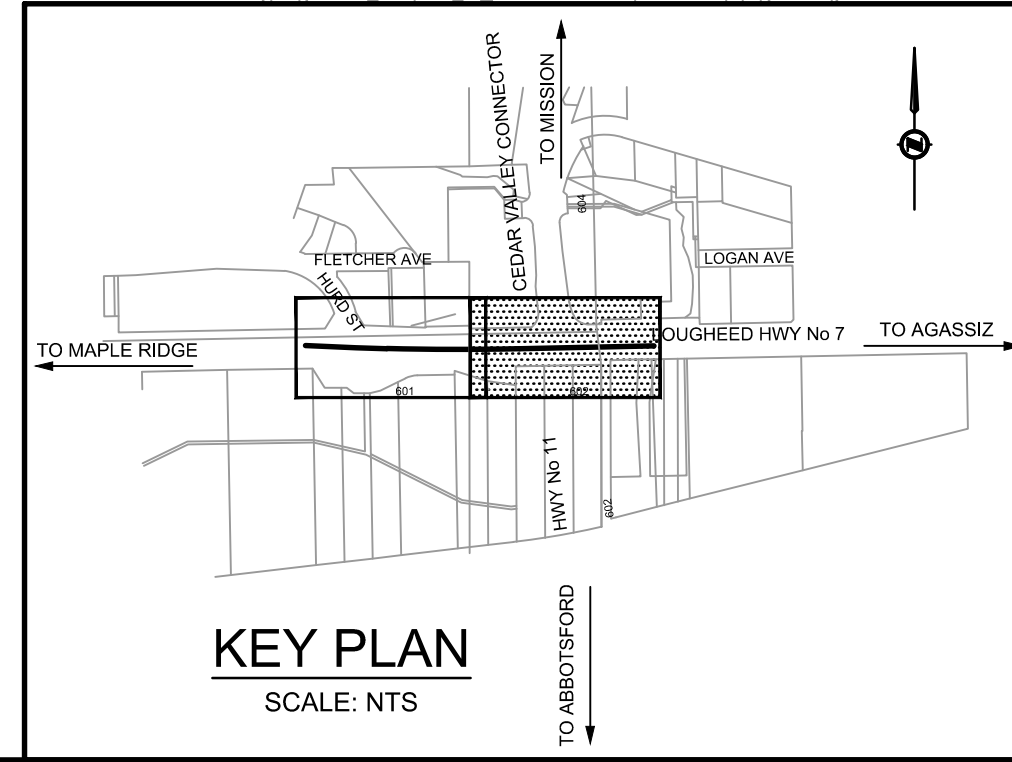
DESIGN VEHICLE WB-20

SIGN HEIGHT 2.0m FROM EDGE OF PAVEMENT TO BOTTOM OF PARENT SIGN

**PAVEMENT MARKINGS LEGEND**

	100 mm - DIRECTIONAL DIVIDING PAINT LINE (YELLOW)
	100 mm - SOLID EDGE PAINT LINE (WHITE)
	100 mm - BROKEN WHITE LANE PAINT LINE - URBAN
	100 mm - DASHED INTERSECTION GUIDING LINE (WHITE)
	100 mm - BROKEN WHITE LANE PAINT LINE - DECEL

NOTES:  
 \* DIMENSION FROM LIP OF CURB TO PAINT LINE.  
 L100 ALIGNMENT LINE IS NOT SHOWN FOR CLARITY.



SUITE 201, 8506 - 200 STREET  
 LANGLEY, BRITISH COLUMBIA, V2Y 0M1  
 PH : 604.371.0091 FAX : 604.371.0098

SCALE 0 2 1:250 12m  
 CAD FILENAME R1-862-600.DWG  
 PLOT DATE 3/1/2019

REV	DATE	REVISIONS	NAME
A	2019-03-01	RECORD DRAWING	A. SANTOS
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 SOUTH COAST REGION  
 HIGHWAY ENGINEERING AND GEOMATICS

**RECORD - SIGNING AND PAVEMENT MARKINGS**  
 HIGHWAY No. 7 AND HIGHWAY No. 11 INTERSECTION IMPROVEMENTS  
 HIGHWAY No. 7  
 STA. 100+050.000 TO STA. 100+355.000

DESIGNED	Y. YUSUF	DATE	2017-04-07
QUALITY CONTROL	A. SANTOS	DATE	2017-04-13
QUALITY ASSURANCE	C. CLARK	DATE	2017-04-13
DRAWN	J. SHIM	DATE	2017-04-10

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
31683	12736-0001	1	R1-862-602	A