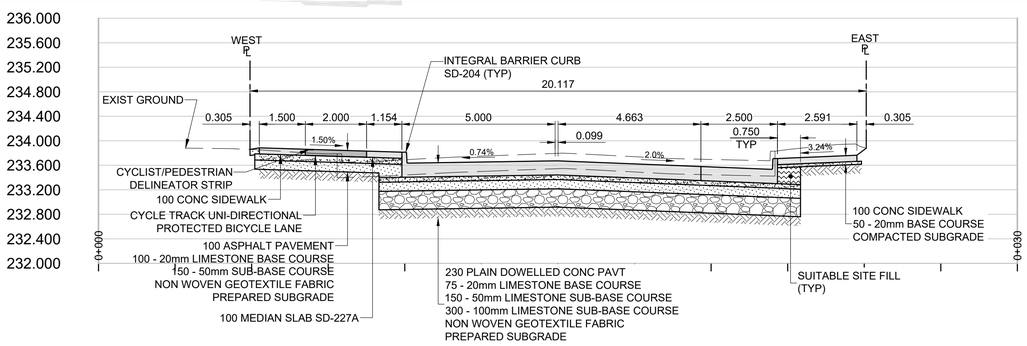
ISO A1 - 594mm x 841mm
O:\Winnipeg\Proj\W160034\4 Design\1 Drawings\06 Sheets\Detailed Design\Contract 2-Reconstruction\W160034-61-Empress-Recon-CS-61.dwg Last Saved: 8/16/2018 2:00 PM by DDoszpod Plotted: 8/29/2018 3:13 PM by Daniel Doszpod



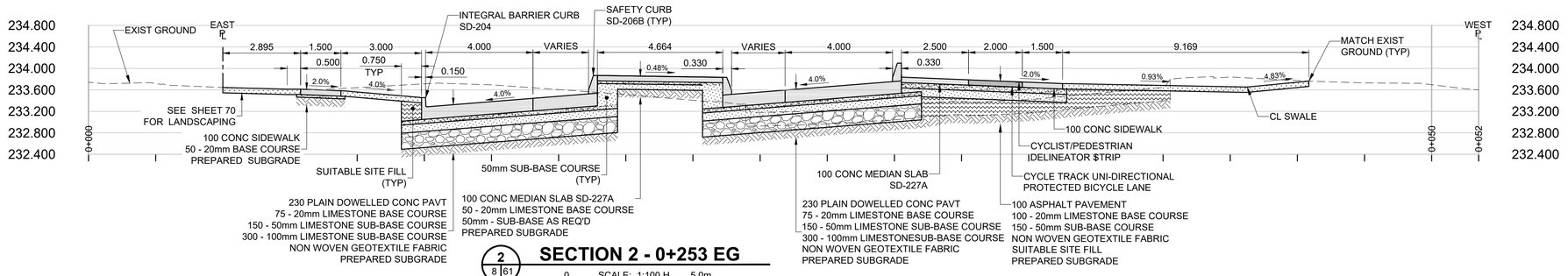
1 / 7 | 61 **SECTION 1 - 0+178 EG**

SCALE: 1:100 H 0 5.0m
SCALE 1:50 V 0 2.5m

SECTION

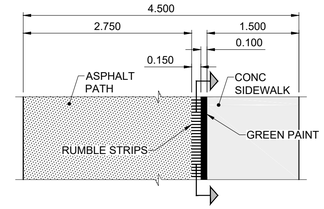
SCALE: 1:5

0 50 100 200 300mm



2 / 8 | 61 **SECTION 2 - 0+253 EG**

SCALE: 1:100 H 0 5.0m
SCALE 1:50 V 0 2.5m

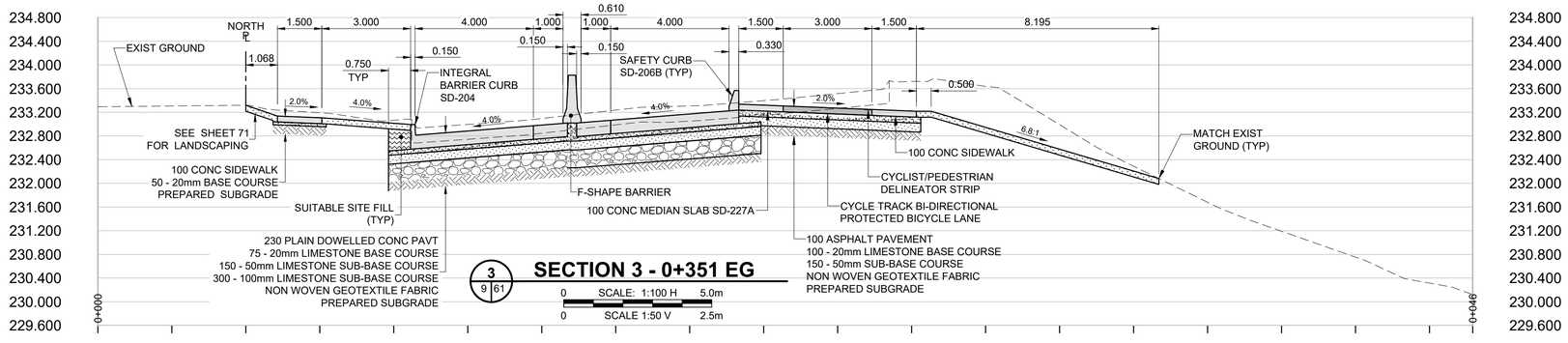


PLAN

SCALE: 1:50

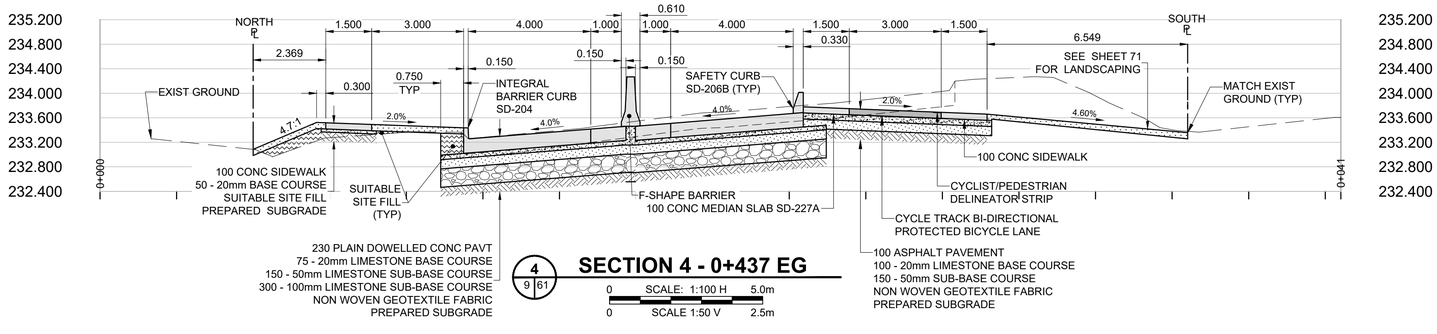
0 0.5 1.0 2.0 3.0m

CYCLIST/PEDESTRIAN DELINEATOR STRIP DETAIL



3 / 9 | 61 **SECTION 3 - 0+351 EG**

SCALE: 1:100 H 0 5.0m
SCALE 1:50 V 0 2.5m



4 / 9 | 61 **SECTION 4 - 0+437 EG**

SCALE: 1:100 H 0 5.0m
SCALE 1:50 V 0 2.5m

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

BID OPPORTUNITY No. 602-2018

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW
	GAS		○	MANHOLE	●		CONCRETE PAVEMENT	
	MTS / PEDESTAL		□	CATCH BASIN / CATCH PIT	■		CONC SIDEWALK / MEDIAN	
	HYDRO / CABINET		△	CURB INLET WITH BOX	▲		ASPHALT PAVEMENT	
	CATV / FIBRE OPTIC		⊙	TREE			PAVING STONE	
	TRAFFIC SIGNALS / PIT		TH-12	TEST HOLE			GRAVEL	
	LAND DRAINAGE SEWER			PROPERTY LINE			RAMP CURB	
	SANITARY/COMBINED SEWER			SURVEY BAR			PLANING / REMOVAL	
	CB LEAD / SSP / DCP		× ×	FENCE				
	WATER MAIN			BOC / EDGE OF PAVEMENT				
	SUBDRAIN	33.000		ELEVATION	(33.333)			
	DITCH			TRAFFIC SIGN				

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM -
ELEV -

No.	REVISIONS	YY/MM/DD	BY
B	ISSUED FOR TENDER	18/09/04	RPB
A	ISSUED FOR CLIENT REVIEW	18/06/27	RPB

MORRISON HERSHFIELD

DESIGNED BY	WRJ	CHECKED BY	RPB
DRAWN BY	DID	APPROVED BY	BWB
HOR SCALE	1:100	RELEASED FOR CONSTRUCTION	
VERT SCALE	1:50	N/A	
DATE	18/09/04	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
R.P. BRUCE
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W160034-61-Empress-Recon-CS-61.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

EMPRESS STREET PROJECT
PAVEMENT RECONSTRUCTION
CROSS SECTIONS
SECTIONS 1,2,3, & 4 AND DELINEATOR STRIP DETAIL

CITY DRAWING NUMBER	P-3494-61
SHEET	61 OF 168
DRAWING No.	61
REV	B