CAUTION: LARGE DIAMETER WATERMAIN (LDWM) CONCRETE DEMOLITION AND REMOVAL WITHIN 3.0 METERS HORIZONTALLY OF THE LARGE DIAMETER WATERMAIN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL, OR BY THE USE OF HAND HELD JACKHAMMERS. USE OF OF MACHINE MOUNTED CONCRETE BREAKERS ABOVE THE LARGE DIAMETER WATERMAIN SHALLL NOT BE PERMITTED. DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITH 3.0 METERS OF THE LARGE DIAMETER WATERMAIN CENTERLINE.

PEDESTRIÁN RAMP SEE DWG 119 CAUTION: LDWM -600 CONC CS **EMPRESS STREET EAST** −0+555.598 O/S 7.757 L INSTALL 1200 DP CB (SD-025), C/W 300X900 RISER PEDESTRIAN RAMP-RIM EL 34.095, 250Ø N INV 32.800, SEE DWG 138 150Ø W INV 33.495, BOT EL 32.200, C/W 250Ø X 15.000 CSP @ 2.00% REMOVE & SALVAGE EXST ABB GUARDRAIL CAUTION: HYDRO **REMOVE & SALVAGE SAFETY CURB** 7.750m TRANSITION FROM F-SHAPE EXST ABB GUARDRAIL SD-206B (TYP) (SINGLE SIDED) BARRIER TO SAFETY CURB-(STA 0+623.699 WG - STA 0+631.449 WG) -CONSTRUCT 2.300x2.500 SAFETY CURB-GROUTED STONE RIPRAP PAD SD-206B (TYP) **CAUTION: SL** /-/\**@**/\ SEE BRIDGE DRAWINGS FOR BRIDGE REHABILITATION DETAILS OVERPASS ( 7.750m TRANSITION FROM F-SHAPE MEDIAN BARRIER TO SAFETY MEDIAN (STA 0+669.340 EG - STA 0+677.090 EG) ─100 ASPHALT **PAVEMENT** REMOVE EXST SAFETY $-\!\!\!/$ MEDIAN SECTION **□7.750m TRANSITION FROM SAFETY CURB TO SAFETY CURB** F-SHAPE (SINGLE SIDED) BARRIER **SAFETY MEDIAN SD-226B,** SD-208 (TYP) (STA 0+597.930 - STA 0+605.680) (C/W 0.250 TOP WIDTH & 0.610 $^{-1}$ BASE WIDTH) **REMOVE & SALVAGE** REMOVE EXST CONCRETE F SHAPE BARRIER \_ EXST ABB GUARDRAIL 0+705.847 O/S 0.150 L--REMOVE & SALVAGE INSTALL CP (SD-023), CW TF-100 F & C └SUBWAY -\ EXST ABB GUARDRAIL RIM EL 35.310, 250Ø N INV 34.360, BOT EL 34.360, C/W 250Ø x 5.000 SSP @ 17.0% CONNECT TO PROPOSED CB CYCLE TRACK BI-DIRECTIONAL-PROTECTED BICYCLE LANE

1. ADJUST MH'S,CB RIMS, WV'S AND HYD'S TO NEW GRADES. 2. CONTRACTOR TO REGRADE/RENEW EXST PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.

3. CONTRACTOR TO TAKE PRECAUTIONARY STEPS AS OUTLINED IN THE SPECIFICATIONS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES

4. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII, BACK LANE RADII AND BULLNOSES.

5. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION. 6. ADD 200.000m TO ABBREVIATED ELEVATIONS

TO OBTAIN GEODETIC ELEVATIONS. 7. CB SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025

OFFSETS ARE DIMENSIONED O/C.

8. ALL DIMENSIONS TO BACK OF CURB AND THEORETICAL BACK OF CURB.

## **SECTION LEGEND**

**METRIC** WHOLE NUMBERS INDICATE MILLIMETRES **DECIMALIZED NUMBERS INDICATE METRES** 

LEGEND - PLAN

NEW

**EXISTING** 

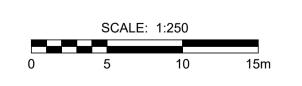
**EXISTING** 

REFERENCE LEGEND -SEE SHEET 26 FOR GRADING

-SEE SHEETS 42 & 43 FOR PROFILES

-SEE SHEET 73 FOR LANDSCAPING

-SEE SHEETS 55 & 56 FOR CYCLE TRACK PROFILES





90\s		GAS		0	MANHOLE	•		CONCRETE PAVEMENT	LOCATION APPROVED
vings		MTS / PEDESTAL			CATCH BASIN / CATCH PIT			CONC SIDEWALK / MEDIAN	UNDERGROUND STRUCTURES
Drav	——	HYDRO / CABINET		Δ	CURB INLET WITH BOX	<b>A</b>		ASPHALT PAVEMENT	
Jn/1		CATV / FIBRE OPTIC		$\odot$	TREE			PAVING STONE	SUPR, U/G STRUCTURES DATE
)esiç	·	TRAFFIC SIGNALS / PIT		<b>♦</b> TH-12	TEST HOLE			GRAVEL	COMMITTEE
<b>4</b>		LAND DRAINAGE SEWER			PROPERTY LINE		=	RAMP CURB	NOTE: LOCATION OF UNDERGROUND STRUCTURE
003		SANITARY/COMBINED SEWER		#	SURVEY BAR			PLANING / REMOVAL	AS SHOWN ARE BASED ON THE BEST
W16		CB LEAD / SSP / DCP		××_	FENCE				INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING
Proj∖		WATER MAIN			BOC / EDGE OF PAVEMENT				UTILITIES ARE SHOWN OR THAT THE GIVEN
Ngec		SUBDRAIN		33.000	ELEVATION	(33.333)			LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL
/inni	<b>♦</b>	DITCH	-	-0-	TRAFFIC SIGN				SERVICES MUST BE OBTAINED FROM THE

LEGEND - PLAN

NEW

**EXISTING** 

LEGEND - PLAN

NEW

LOCATION APPROVED UNDERGROUND STRUCTURES  SUPR. U/G STRUCTURES COMMITTEE		BM - ELEV -				Morris	ON HERSHFIELD	PROFESSIONAL'S SEAL		
								R.P.		
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST					DESIGNED BY	WRJ	CHECKED RPB	BRUCE BRUCE		
INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN					DRAWN BY	DID	APPROVED BWB	PROFFSS 10 NA		
- LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL	ONS ARE EXACT. CONFIRMATION OF NCE AND EXACT LOCATION OF ALL ES MUST BE OBTAINED FROM THE	ISSUED FOR TENDED	18/09/04	RPB	HOR SCALE	1:250	RELEASED FOR CONSTRUCTION	The Property of the Control of the C		
SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING		ISSUED FOR CLIENT REVIEW	18/06/27	RPB	VERT SCALE	N/A	N/A	CONSULTANT FILE NAME		
WITH CONSTRUCTION.	No.	REVISIONS	YY/MM/DD	BY	DATE	18/09/04	DATE	W160034-11-Empress-Recon-PA-11.dw		

PROFESSIONAL'S SEAL	
RED MANITOD	
<b>∛</b> / / \∳	V
R.P. BRUCE	
R.P. BRUCE	
AOFESSIO	
CONSULTANT FILE NAME	

<u> </u>	
Winnipeg	) )

## THE CITY OF WINNIPEG **PUBLIC WORKS DEPARTMENT**

nipeg Engineering Division	N				
EMPRESS STREET PROJECT	CITY DRAWING NUMBER P-3494-11				
PAVEMENT RECONSTRUCTION PAVING	SHEET	11	OF	168	
EMPRESS STREET EAST STA 0+590.000 EG TO STA 0+720.000 EG	DRAWING No.			RE	
		11		В	