



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 MACHINE MOUNTED CONCRETE BREAKERS ABOVE THE LARGE DIAMETER WATERMAIN SHALL NOT BE PERMITTED. DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITH 3.0 METERS OF THE LARGE DIAMETER WATERMAIN CENTERLINE.

REFERENCE LEGEND
 -SEE SHEET 22 FOR GRADING
 -SEE SHEET 37 FOR PROFILES
 -SEE SHEET 54 FOR CYCLE TRACK PROFILES
 -SEE SHEET 69 FOR LANDSCAPING

- NOTES**
- ADJUST MH'S, CB RIMS, WV'S AND HYD'S TO NEW GRADES.
 - CONTRACTOR TO REGRADE/RENEW EXST PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS AS OUTLINED IN THE SPECIFICATIONS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES.
 - MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII, BACK LANE RADII AND BULLNOSES.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - CB SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED OIC.
 - ALL DIMENSIONS TO BACK OF CURB AND THEORETICAL BACK OF CURB.

SECTION LEGEND
 Section Taken/Shown

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		LOCATION APPROVED	
	MTS / PEDESTAL		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN		UNDERGROUND STRUCTURES	
	HYDRO / CABINET		CURB INLET WITH BOX		ASPHALT PAVEMENT		SUPR. U/G STRUCTURES	DATE
	CATV / FIBRE OPTIC		TREE		PAVING STONE		COMMITTEE	
	TRAFFIC SIGNALS / PIT		TEST HOLE		GRAVEL		NOTE:	
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB		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.	
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING / REMOVAL			
	CB LEAD / SSP / DCP		FENCE					
	WATER MAIN		BOC / EDGE OF PAVEMENT					
	SUBDRAIN		ELEVATION					
	DITCH		TRAFFIC SIGN					

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

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
 REGISTERED PROFESSIONAL ENGINEER
R.P. BRUCE
 CONSULTANT FILE NAME
 160034-7-Empress-Recon-PA-7.dwg

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

EMPRESS STREET PROJECT
 PAVEMENT RECONSTRUCTION
 PAVING
 ST. JOHN AMBULANCE WAY
 PORTAGE AVENUE TO STA 0+200.000 EG

CITY DRAWING NUMBER: P-3494-7
 SHEET 7 OF 168
 DRAWING No. REV 7 B

SCALE: 1:250
 0 5 10 15m

ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
 MORRISON HERSHFELD
 No. 1736

BID OPPORTUNITY No. 602-2018