0+569.069 O/S 21.470 L INSTALL 1800 DP CB (SD-025) RIM EL 31.830, 250Ø N INV 30.150, 150Ø S INV 30.250, BOT EL 29.550, C/W 250Ø X 3.5 SSP @ 6.69% CONNECT TO EXST MH @ EL 29.916 **EXST 900 W INV EL 29.252,** EXST 900 E INV 28.478 -REMOVE & SALVAGE **EXST ABB GUARDRAIL** -600 CONC CS **EMPRESS STREET EAST** CONCRETE DEMOLITION AND REMOVAL WITHIN 3.0 METERS HORIZONTALLY OF -SAFETY CURB THE LARGE DIAMETER WATERMAIN SHALL BE COMPLETED BY SAWCUTTING AND SD-206B (TYP) REMOVAL, OR BY THE USE OF HAND HELD JACKHAMMERS. USE OF OF MACHINE 0+555.598 O/S 7.757 L PEDESTRIAN RAMP-**INSTALL 1200 DP CB (SD-025)**, SHALLL NOT BE PERMITTED. DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR SEE DWG 138 C/W 300X900 RISER RIM EL 34.095, 250Ø N INV 32.800, CAUTION: HYDRO 150Ø W INV 33.495, BOT EL 32.200, **C/W 250Ø X 15.000 CSP @ 2.00% REMOVE & SALVAGE** CAUTION: LDWM 7.750m TRANSITION FROM F-SHAPE EXST ABB GUARDRAIL (SINGLE SIDED) BARRIER TO SAFETY CURB-(STA 0+623.699 WG - STA 0+631.449 WG) PEDESTRIAN RAMP SEE DWG 119 -CONSTRUCT 2.300x2.500 SAFETY CURB-GROUTED STONE RIPRAP PAD SD-206B (TYP) CAUTION: SL /2/·//**@**/·/ SEE BRIDGE DRAWINGS FOR BRIDGE REHABILITATION DETAILS 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 <sup>∟</sup>SUBWAY <sup></sup> 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

NEW

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

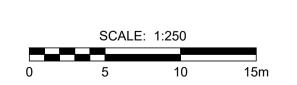
-SEE SHEET 73 FOR LANDSCAPING

-SEE SHEETS 55 & 56 FOR CYCLE TRACK PROFILES

CAUTION: LARGE DIAMETER WATERMAIN (LDWM)

MOUNTED CONCRETE BREAKERS ABOVE THE LARGE DIAMETER WATERMAIN

WITH 3.0 METERS OF THE LARGE DIAMETER WATERMAIN CENTERLINE.





90\s		GAS	0	MANHOLE	•		CONCRETE PAVEMENT	LOCATION APPROV
vings		MTS / PEDESTAL		CATCH BASIN / CATCH PIT			CONC SIDEWALK / MEDIAN	UNDERGROUND STRUCTUR
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
4\4		LAND DRAINAGE SEWER		PROPERTY LINE		=	RAMP CURB	NOTE: LOCATION OF UNDERGROUND STRUC
,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 EXIST
Proj∖		WATER MAIN ——•—		BOC / EDGE OF PAVEMENT				UTILITIES ARE SHOWN OR THAT THE G LOCATIONS ARE EXACT. CONFIRMATION
∫∫		SUBDRAIN —-—-	33.000	ELEVATION	(33.333)			EXISTENCE AND EXACT LOCATION OF
inni	4~~	DITCH ←	<del></del>	TRAFFIC SIGN				SERVICES MUST BE OBTAINED FROM

LEGEND - PLAN

NEW

**EXISTING** 

LEGEND - PLAN

_										
LOCATION APPROVED UNDERGROUND STRUCTURES		BM - ELEV -								
	SUPR. U/G STRUCTURES DATE COMMITTEE						Morris	ORRISON HERSHFIEL		
LOCA AS S INFO GUAI UTILI LOCA EXIS SERV INDIV	NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST					DESIGNED BY	WRJ	CHECKED BY	RPB	
	INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN					DRAWN BY	DID	APPROVED BY	BWB	
	OCATIONS ARE EXACT. CONFIRMATION OF	С	ISSUED FOR ADDENDUM 1	18/09/21	RPB			RELEASED FOR CONSTRUCTION		
	EXISTENCE AND EXACT LOCATION OF ALL	В	ISSUED FOR TENDER	18/09/04	RPB	HOR SCALE	1:250			
	ERVICES MUST BE OBTAINED FROM THE IDIVIDUAL UTILITIES BEFORE PROCEEDING VITH CONSTRUCTION.	Α	ISSUED FOR CLIENT REVIEW	18/06/27	RPB	VERT SCALE	N/A	N/	/A	
		No.	REVISIONS	YY/MM/DD	BY	DATE	18/09/04	DATE		
					•					

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<u>©</u>
Winnipeg

**EMPRESS STREET PROJECT** 

PAVEMENT RECONSTRUCTION

**PAVING** 

STA 0+590.000 EG TO STA 0+720.000 EG

**EMPRESS STREET EAST** 

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

**ENGINEERING DIVISION** 

CITY DR.		NUMB 3494		
SHEET	11	OF	168	
DRAWIN	G No.		REV	
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