

ENGINEER'S S		1110	DESIGNED		В.М.		150 WM	WATERMAIN	<u> </u>	DRO <u>Hydr</u>	DRO	<u>WM</u> H`	150	_ WATERMAIN	150. WM
	\.	AMC	BA		ELEV.	RGROUND STRUCTURES	+	HYDRANT		T.S. <u>Mts</u>	S		-	HYDRANT	-\$-
OVINCE	''''''''''''''''''''''''''''''''''''''	<b>T</b> U I	DRAWN					VALVE		CRETE		X)		VALVE	$\otimes$
		IJH	BY				300 LDS	LAND DRAINAGE SEWER	<u> </u>	PHALT		LUS	R <u> </u>	LAND DRAINAGE SEWER	300 LDS
		ECKED ORIGINAL SIGNED BY	CHECKED			G STRUCTURES DATE	250 WWS	WASTE WATER SEWER	2 <u>50</u> wws	NING ZZZZ		wws	२ <u>250</u>	_ WASTE WATER SEWER	250 WWS
	DILLON	TARAN J. PETERS	BY				<u> </u>	Q PROFILE		EWALK Zeessee		•		MANHOLE	$\bigcirc$
2230 Meml	CONSULTING	D ORIGINAL SIGNED BY	APPROVED					NORTH/WEST GUTTER		STONES 5				CATCH BASIN	
		DAVID B. WIEBE	BY			OF UNDERGROUND STRUCTURES AS RE BASED ON THE BEST INFORMATION		SOUTH/EAST GUTTER	<u>// — — — —  </u>	epth_repair 🔀	PA	▼		CURB INLET	$\bigtriangledown$
- PRO	RELEASED FOR					RE BASED ON THE BEST INFORMATION		NORTH/WEST DITCH	<u> </u>	RTY LINE –		╺╺╾┹┰┥╶───	· · · · · · · · · · · · · · · · · · ·	JUNCTIONS	
CONSULTANT	CONSTRUCTION	LE 1:500	HOR. SCAL	04/22/14 TJP	2 ISSUED FOR TENDER	LE BUSED ON THE BEST INFORMATION E. BUT NO GUARANTEE IS GIVEN EXISTING UTILITIES ARE SHOWN OR E GIVEN LOCATIONS ARE EXACT. ATION OF EXISTENCE AND EXACT N OF ALL SERVICES MUST BE D FROM THE INDIVIDUAL UTILITIES PROCEEDING WITH CONSTRUCTION.		SOUTH/EAST DITCH	·	E ARROW —	>			CULVERT	
			VERTICAL	04/04/14 TJP	1 ISSUED FOR REVIEW	N OF ALL SERVICES MUST BE FROM THE INDIVIDUAL UTILITIES				RAMP		GAS	100	GAS	100 GAS
- 13-	DATE	04/22/2014	DATE	DATE BY	NO. REVISIONS	PROCEEDING WITH CONSTRUCTION.	PROPOSED	LEGEND-PROFILE	SED EXISTING	D-PLAN PROPC	TING	POSED EXIS	PROF	LEGEND-PLAN	EXISTING

### CONSTRUCTION NOTES:

- 1. ALL DIMENSIONS ARE TO BACK OF CURB.
- 2. ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
- 3. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
- 4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
- 5. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
- 6. CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
- 7. LIMITS OF SIDEWALK RENEWAL TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
- 8. LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
- 9. HEADERS IN MEDIAN OPENINGS ARE TO BE CREATED BY SAW CUTTING EXISTING ASPHALT AS DIRECTED BY CONTRACT ADMINISTRATOR AND REMOVED WITH A BACK HOE.
- 10. HEADERS AT CONSTRUCTION LIMITS TO BE MILLED OR CONCRETE SLAB REPAIRS TO BE FORMED TO CREATE A HEADER AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- 11. REPLACE ALL CURB INLETS ON THE EASTBOUND GUTTER LANE WITH CATCH PIT SD-023 AND CONNECT TO EXISTING CATCH BASIN LEADS.

### NOTES:

### EASTBOUND

- APPROXIMATE SLAB AND JOINTS TO BE RENEWED, 550 m2
- APPROXIMATE CURB TO BE RENEWED, 200 m
- AVERAGE ASPHALT THICKNESS, 65 mm
- L = 289 m W = 7.5 ± m A = 2168 m2
- TOTAL AREA INCLUDING TURN LANES AND MEDIAN OPENINGS = 2568 m2

#### WESTBOUND

- APPROXIMATE SLAB AND JOINTS TO BE RENEWED, 1550 m2
- APPROXIMATE CURB TO BE RENEWED, 880 m
- AVERAGE ASPHALT THICKNESS, 70 mm
- L = 819 m  $W = 7.5 \pm \text{m}$  A = 6143 m2
- TOTAL AREA INCLUDING TURN LANES AND MEDIAN OPENINGS = 7689 m2

# METRIC

#### WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

### WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- 3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

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Certificate of Authorization

 Dillon Consulting Limited (MB)

 No. 1789
 Date: 04/22/2014

