

NOTES:

HOOKS SHOWN

INSTALL NEW VALVE BOX TO CUT EXISTING VALVE STEM - ASPHALT PAVEMENT TOP OF NEW CHAMBER ROOF WITHIN 150-450 mm BELOW -FINISHED PAVEMENT GRADE - 50 mm LIFTER RING MANHOLE ISOLATION AS PER SD-220A **CUT EXISTING VALVE** MANHOLE FRAME AND / STEM SLEEVE AT TOP OF COVER (AP-004) /- NEW CONCRETE PAVEMENT NEW CHAMBER ROOF SAWCUT 25 mm BEFORE DEMOLITION BACKFILL IN ACCORDANCE WITH CW 2030 AND SD-002 - 15M VERT. @ 200 O.C. RADIALLY $737 \pm$ 50 mm FLEXIBLE CLOSED CELL STYROFOAM BANDED -15M 🔾 600 OVERLAP AROUND EXISTING RISER VARY SPLICE LOCATION @ 200 O.C. VERTICALLY EXISTING VALVE STEM SLEEVE -SIKA HYDROPHILIC WATERSTOP 127± 1219 ± EXISTING MANHOLE WITH RISER EXISTING VALVE STEM -NOTES: REMOVE/DEMOLISH APPROXIMATELY 1000 mm OF EXISTING CONCRETE RISER AS DIRECTED BY CONTRACT ADMINISTATOR. CHAMFER ALL EDGES 20 mm

15M O600 OVERLAP - VARY SPLICE LOCATION @ 200 O.C. VERTICALLY — 15M VERT. @ 200 O.C. RADIALLY - EXISTING PRECAST MANHOLE

15M O 600 OVERLAP - VARY SPLICE LOCATION @ 200 O.C. VERTICALLY ____15M VERT. @ 200 O.C. RADIALLY EXISTING VALVE STEM SLEEVE — EXISTING MANHOLE WITH RISER 50 mm FLEXIBLE CLOSED CELL STYROFOAM BANDED – AROUND EXISTING RISER EXISTING VALVE STEM -

VERTICAL SECTION

NORTHEAST CORNER SEWER MANHOLE CHAMBER IMPROVEMENTS 12 24 SCALE 1:10

HORIZONTAL SECTION 'A-A'

NORTHEAST CORNER WATERMAIN MANHOLE CHAMBER IMPROVEMENTS

HORIZONTAL SECTION 'B-B'

Certificate of Authorization Dillon Consulting Limited (MB) No. 1789 Date: 06/08/2012

• UTILIZE STANDARD REBAR DETAILING FOR ALL

HOOKS SHOWN

150 WM	WATERMAIN HYDRANT	150 WM	HYDRO MTS	HYDRO M.T.S.	HYDRO MTS		WATERMAIN HYDRANT	150 WM	UNDERGROUND STRUCTURES	BENCHMARK: GEODETIC MARKER # 654321 N: 5531099.483 E: 639291.865		DESIGNED BY FAK	',	ENGINEER'S SEAL	THE CITY OF V	VINNIPEG
Surt\	VALVE	\otimes		CONCRETE			VALVE	X	-			DRAWN		ORIGINAL ORIGINAL STAMPED BY	PUBLIC WORKS DE	
300 LDS	LAND DRAINAGE SEWE	R300 LDS		_ ASPHALI		300 LDS	LAND DRAINAGE SEWER	300 LDS	SUPV. U/G STRUCTURES DATE			BY INH		STAMPED BY	Winnipeg	
250 WWS	WASTE WATER SEWE	250 wws		PLANING		2 <u>50</u> wws	WASTE WATER SEWER	250 WWS	COMMITTEE			CHECKED		⊼ KEMP \ K	1 0	,
C C	MANHOLE	•		SIDEWALK			© PROFILE					BY DBW	DILLON	8 06/08/2012	ROUNDABOUT CONSTRUCTION	CITY DRAWING NUMBER
Cont	CATCH BASIN			PAVING STONES			NORTH/WEST GUTTER		- NOTE:			APPROVED DPK	CONSULTING		GRASSIE BOULEVARD AND MOLSON STREET INTERSECTION	P-3329-24
0)/88	CURB INLET	▼		PARTIAL DEPTH REPAIR		————	SOUTH/EAST GUTTER		LOCATION OF UNDERGROUND STRUCTURES AS							SHEET OF
45	JUNCTIONS		-	- PROPERTY LINE			NORTH/WEST DITCH		SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN	3 ISSUED FOR TENDER 0	6/08/12 DBW		DELEACED FOR	PROFESSIONAL	OTTOLO HATEROLO HOLV	24 24
	CULVERT	()	#	SURVEY BAR		 ₩	SOUTH/EAST DITCH		THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT.	2 ISSUED FOR REVIEW 0	5/31/12 DBW	HOR. SCALE	RELEASED FOR CONSTRUCTION	CONCULTANT DDO JECT NUMBER		CONSULTANT DRAWING NUMBER
100 GAS	GAS	100 GAS		_ CURB RAMP					LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES	1 ISSUED FOR REVIEW 0	7/28/11 DBW	VERTICAL		CONSULTANT PROJECT NUMBER	MANHOLE CHAMBER IMPROVEMENTS	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	BEFORE PROCEEDING WITH CONSTRUCTION.	NO. REVISIONS	DATE BY	DATE	DATE	11-4588		