

CONSTRUCTION NOTES:

- ALL PVC PIPE SHALL HAVE CLASS B-TYPE 3
 BEDDING AND ALL CONCRETE PIPE SHALL
 HAVE CLASS B-SAND BEDDING.
- HAVE CLASS B-SAND BEDDING.2. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE 6"
- 3. BACKFILL IN BOULEVARD TO BE CLASS 5.

LIMESTONE FLOOD TAMPED.

- 4. ALL CATCHBASIN LEADS WILL BE 200**Ø** AND ARE TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
- 5. PIPE INSTALLED IN C.P.R. R.O.W. TO BE INSTALLED USING PIPE JACKING METHOD.
- NO EXCAVATIONS ARE PERMITTED WITHIN THE C.P.R. R.O.W.
- 6. PIPE CROSSING IN C.P.R. R.O.W. TO BE CONSTRUCTED, MAINTAINED, AND OPERATED IN ACCORDANCE WITH TCE-10 STANDARDS.
- 7. WARNING SIGN TO BE INSTALLED NEAR PROPERTY LINES INDICATING BURIED UTILITY

PIPE SPECIFICATIONS				
CARRIER PIPE	O.D. 1118MM			
	W.T. = 102MM			
SPEC.	ASTM C76 - CL5 CONC.			
DIRECTION OF FLOW	WEST TO EAST			
MAX. WORKING PRESSURE	GRAVITY			
MATERIAL TO BE CONVEYED	STORM SEWER			
INSTALLATION METHOD	JACK/BORE			

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.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

Certificate of Authorization

Dillon Consulting Limited (MB)

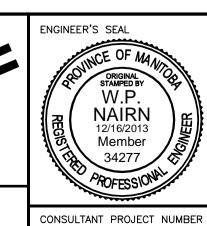
No. 1789 Date: 12/16/2013

/10	150 . <u>WM</u>	WATERMAIN	150 _. WM	HYDRO	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM	
'act	-	HYDRANT	•	MTS	M.T.S.	MTS		HYDRANT	+	UND
ontr	\otimes	VALVE	\otimes		CONCRETE	111111111111111		VALVE	$\overline{\mathbf{X}}$	
<u>ا</u>	300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		300 LDS	LAND DRAINAGE SEWER	300 LDS	
9	250 WWS	WASTE WATER SEWER	250 WWS		PLANING		250 <u>ww</u> s	WASTE WATER SEWER	250 WWS	SUPV.
Civi	0	MANHOLE	•		SIDEWALK		— · × · —	ℚ PROFILE	_:_:_	
)2–		CATCH BASIN			PAVING STONES			NORTH/WEST GUTTER		
)\9;	∇	CURB INLET	▼		PARTIAL DEPTH REPAIR		————	SOUTH/EAST GUTTER		LOCATIO
705		JUNCTIONS			PROPERTY LINE			NORTH/WEST DITCH		LOCATION SHOWN AVAILA THAT
/12	[]	CULVERT	(─	DRAINAGE ARROW		 ₩	SOUTH/EAST DITCH		THAT CONFIR
CAD	100GAS	GAS	100 GAS		CURB RAMP					CONFIR LOCAT OBTAIN BEFORE
) :5	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	BELORE

UNDERGROUND STRUCTURES	B.M. ELEV.			
SUPV. U/G STRUCTURES DATE				
LOCATION OF UNDERGROUND STRUCTURES AS				
SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN	3	ISSUED FOR TENDER		
THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT	2	ISSUED FOR REVIEW		
LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES	1	ISSUED FOR REVIEW		
BEFORE PROCEEDING WITH CONSTRUCTION.	NO.	REVISIONS		

B.M ELE				DESIGNED BY	WPN	١,
				DRAWN BY	TJH	A THE THE PERSON NAMED IN COLUMN TO
				CHECKED BY	JNC	DILLON
				APPROVED BY	DPK	CONSULTING
<u> </u>	ISSUED FOR TENDER	12/16/13	JNC			RELEASED FOR
	ISSUED FOR REVIEW	07/22/13	JNC	HOR. SCALE		CONSTRUCTION
	ISSUED FOR REVIEW	06/21/13	JNC	VERTICAL		

12/16/2013



12-7055



THE CITY OF WINNIPEG

PANET ROAD/MOLSON STREET RECONSTRUCTION AND TWINNING

P-3350-38

SHEET OF

LDS - CALLSBECK (2 OF 3)

38 45

CONSULTANT DRAWING NUMBER