



- CONSTRUCTION NOTES:**
- CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO EXISTING BOULEVARDS AND TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES ARE TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - TIE-INS TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - LIMITS OF SIDEWALK RENEWALS TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - BOULEVARD REPLACEMENT TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - BASE LINE ALONG NORTHBOUND LANE (LEFT) GUTTER.
 - CONTRACTOR TO INSTALL CB LEADS AT MINIMUM 2% GRADE UNLESS NOTED.
 - CONTRACTOR MUST EXPOSE 69 kv HYDRO DUCT BY HYDRO EXCAVATION METHODS PRIOR TO ANY CONSTRUCTION TAKING PLACE. CONSTRUCTION IN VICINITY OF DUCT MAY REQUIRE SHUT DOWN OF HYDRO DUCT AND MUST BE COORDINATED WITH MANITOBA HYDRO.

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:

- 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.

#	COORDINATES		RIM ELEV.	SUMP ELEV.	PIPE LEAD	INV. IN	INV. OUT	TIE-IN AT MAIN
	NORTHING	EASTING						
CB02	5526233.946	633571.265	230.030	227.630	27.5m - 250mm	-	228.230	-
CB03	5526256.566	633557.413	231.350	228.850	2.0m - 250mm	-	229.550	-
CB04	5526284.494	633589.659	231.950	229.550	6.0m - 250mm	-	230.150	225.175
CB05	5526270.839	633593.393	233.650	231.250	8.2m - 250mm	231.900	231.850	225.170
CB06	5526265.338	633607.172	233.780	231.380	14.8m - 250mm	-	232.196	-
CB07	5526260.699	633566.957	233.405	231.005	15.5m - 250mm	-	231.605	-
MH04	5526256.413	633555.419	231.371	226.498	2.5m - 250mm	227.148	227.098	225.207

NOTE: ALL COORDINATES SHOWN ON DRAWINGS ARE NAD 83 UTM.
COMBINED SCALE FACTOR TO OBTAIN GROUND DISTANCES IS 0.9997688

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2010/05/14

LOCATION UNDERGROUND	APPROVED STRUCTURES	B.M. ELEV.	654265 (633392.694, 5525026.192)	232.518
SUPV. U/G STRUCTURES COMMITTEE	DATE			
NOTE: 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.				
1	ISSUED FOR TENDER	10/05/14	DPK	
NO.	REVISIONS	DATE	BY	DATE

DESIGNED BY	CLP
DRAWN BY	CLP/TJH
CHECKED BY	RTP
APPROVED BY	DPK
HOR. SCALE	1 : 250
VERTICAL	
1	ISSUED FOR TENDER
NO.	REVISIONS

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY RANDY FINGAS
DATE 2010/05/14

ENGINEER'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
D.P. KRAHN
2010 05 14
Member 4226

THE CITY OF WINNIPEG
TRANSIT DEPARTMENT

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1
OSBORNE STATION & ASSOCIATED WORKS

UNDERGROUND UTILITIES PLAN EAST OF OSBORNE

CITY DRAWING NUMBER: B237-10-110
SHEET OF 121
CONSULTANT DRAWING NUMBER: C5-U4001-T

CONSULTANT PROJECT NO. 088813

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