



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.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- A MINIMUM VERTICAL SEPARATION OF 300 mm FROM GAS MAINS AND 100 mm FROM GAS SERVICE MUST BE MAINTAINED BETWEEN ANY MANITOBA HYDRO FACILITY AND ANY NEW INSTALLATIONS.
- A MINIMUM 900 mm OF COVER SHALL BE MAINTAINED IN ALL AREAS WHERE EQUIPMENT WILL BE CROSSING, TRAVELING OR COMPACTING OVER THE HIGH PRESSURE GAS MAINS.
- IF EQUIPMENT MUST CROSS, TRAVEL, OR COMPACT OVER THE GAS MAIN WITH LESS THAN THE MINIMUM DEPTH COVER, EARTH BRIDGING OR STEEL PLATES SHALL BE PLACED OVER THE MAIN AND EXTEND A MINIMUM OF 1.0 METRE ON EITHER SIDE AT EACH CROSSING LOCATION.

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2013/08/08

G:\CAD\126606\Contract\Contract_2\Current\126606-CONTRACT_2-OHSS-110.dwg

150 W.M.	WATERMAIN	150 W.M.	M.T.S.	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
+	HYDRANT	+	CONCRETE	+	HYDRANT	+	HYDRANT
+	VALVE	+	ASPHALT	+	VALVE	+	VALVE
+	LAND DRAINAGE SEWER	+	PLANNING	+	LAND DRAINAGE SEWER	+	LAND DRAINAGE SEWER
+	WASTE WATER SEWER	+	SIDEWALK	+	WASTE WATER SEWER	+	WASTE WATER SEWER
+	MANHOLE	+	PAVING STONES	+	MANHOLE	+	MANHOLE
+	CATCH BASIN	+	PROPERTY LINE	+	CATCH BASIN	+	CATCH BASIN
+	TEST HOLES	+	SURVEY BAR	+	TEST HOLES	+	TEST HOLES
+	JUNCTIONS	+	CURB RAMP	+	JUNCTIONS	+	JUNCTIONS
+	CULVERT	+	DITCH	+	CULVERT	+	CULVERT
+	100 GAS	+	SWALE	+	100 GAS	+	100 GAS
+	EXISTING	+	LEGEND-PLAN	+	EXISTING	+	LEGEND-PROFILE
+	PROPOSED	+	LEGEND-PLAN	+	PROPOSED	+	PROPOSED

UNDERGROUND STRUCTURES

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.

B.M. 654008 N: 5515764.610 E: 633359.697	654210 N: 5514436.957 E: 630550.534	DESIGNED BY	DESIGN TEAM	ENGINEER'S SEAL
ELEV. 232.463 m	ELEV. _____	LFY		N/A
		CHECKED BY		
		APPROVED BY		
		HOR. SCALE AS NOTED	RELEASED FOR CONSTRUCTION	CONSULTANT PROJECT NUMBER
		VERTICAL AS NOTED		12-6606

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

WAVERLEY WEST ARTERIAL ROADS PROJECT (WWARP) PART 3 - CONTRACT 2
ROUTE 90 TO ROUTE 165 OVERPASS (KENASTON BLVD.) AND ASSOCIATED WORKS

CITY DRAWING NUMBER: B242-13-127
SHEET OF: 127 OF 128
CONSULTANT DRAWING NUMBER: S775-2013-04

GUARDRAIL DETAILS - NB KENASTON AT PIER SHAFT