

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

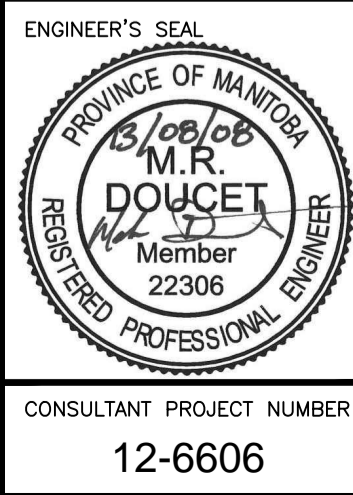
WARNING

- 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.
 - 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.

150 W.M.	WATERMAIN	150 W.M.	M.T.S.	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
300 L.D.S.	HYDRANT VALVE	300 L.D.S.	CONCRETE	CONCRETE	300 mm L.D.S.	HYDRANT VALVE	300 mm L.D.S.
250 W.W.S.	LAND DRAINAGE SEWER	250 W.W.S.	ASPHALT	ASPHALT	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	WASTE WATER SEWER	○	PLANING	PLANING	○	LAND DRAINAGE SEWER	○
○	MANHOLE	○	PAVING STONES	PAVING STONES	○	WASTE WATER SEWER	○
○	CATCH BASIN	○	PROPERTY LINE	PROPERTY LINE	○	LAND DRAINAGE SEWER	○
○	TEST HOLES	○	SURVEY BAR	SURVEY BAR	○	WASTE WATER SEWER	○
○	JUNCTIONS	○	CURB RAMP	CURB RAMP	○	LAND DRAINAGE SEWER	○
○	CULVERT	○	DITCH	DITCH	○	WASTE WATER SEWER	○
○	GAS	○	SWALE	SWALE	○	LAND DRAINAGE SEWER	○
○	EXISTING	○	LEGEND-PLAN	LEGEND-PLAN	○	WASTE WATER SEWER	○
○	PROPOSED	○	PROPOSED	PROPOSED	○	LAND DRAINAGE SEWER	○

UNDERGROUND STRUCTURES		B.M. 654008 N: 5515764.610 E: 633359.697	654210 N: 5514436.957 E: 630550.534
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.	
0	ISSUED FOR TENDER	13/08/08	MRD
NO.	REVISIONS	DATE	BY

DESIGNED BY	MRD	DESIGN TEAM	
DRAWN BY	PMW		
CHECKED BY	DBW		
APPROVED BY	DPK		
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL	1:20	DATE	
2013/08/08			



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

PLAN AND PROFILE - KENASTON EB
 STA: 1+460 TO 1+800

CITY DRAWING NUMBER: B242-13- 88
 SHEET: 88 OF 128
 CONSULTANT DRAWING NUMBER: P-3349- 88

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