



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.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
4. 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.
5. 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.
6. 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.

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150 WM	WATERMAIN	150 WM	MTS	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
Hydrant	HYDRANT	Hydrant	MTS	CONCRETE	Hydrant	HYDRANT	Hydrant
Valve	VALVE	Valve	MTS	ASPHALT	Valve	VALVE	Valve
300 LDS	LAND DRAINAGE SEWER	300 LDS	MTS	PLANING	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 WWS	WASTE WATER SEWER	250 WWS	MTS	SIDEWALK	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
Manhole	MANHOLE	Manhole	MTS	PAVING STONES	Manhole	MANHOLE	Manhole
Catch Basin	CATCH BASIN	Catch Basin	MTS	PROPERTY LINE	Catch Basin	CATCH BASIN	Catch Basin
Test Holes	TEST HOLES	Test Holes	MTS	SURVEY BAR	Test Holes	TEST HOLES	Test Holes
Junctions	JUNCTIONS	Junctions	MTS	CURB RAMP	Junctions	JUNCTIONS	Junctions
Culvert	CULVERT	Culvert	MTS	DITCH	Culvert	CULVERT	Culvert
100 GAS	GAS	100 GAS	MTS	SWALE	100 GAS	GAS	100 GAS
Existing	LEGEND-PLAN	Proposed	EXISTING	LEGEND-PLAN	Proposed	EXISTING	LEGEND-PROFILE
Existing	LEGEND-PROFILE	Proposed	EXISTING	LEGEND-PROFILE	Proposed	EXISTING	LEGEND-PROFILE

UNDERGROUND STRUCTURES

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.

B.M.	654008	N: 5515764.610	654210	N: 5514436.957
ELEV.	232.463	m	E: 633359.697	E: 630550.534
0	ISSUED FOR TENDER	13/08/08	MRD	
NO.	REVISIONS	DATE	BY	

DESIGNED BY	RG
DRAWN BY	RG
CHECKED BY	DBW
APPROVED BY	DPK
HOR. SCALE	1:500
VERTICAL	1:20
DATE	2013/08/08

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

ENGINEER'S SEAL

PROVINCE OF MANITOBA
DOUCET
M.R.T.
Member
22306
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
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
B242-13-97

SHEET **97** OF **128**

CONSULTANT DRAWING NUMBER
P-3349-97

PLAN AND PROFILE - ATP 4
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