



REMOVALS LEGEND

REMOVE CONCRETE	
REMOVE ASPHALT	
REMOVE PAVING STONES	

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

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.

150 WM	WATERMAIN	150 WM	M.T.S.	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT				CONCRETE		HYDRANT
	VALVE				ASPHALT		VALVE
300 LDS	LAND DRAINAGE SEWER	300 LDS			PLANNING	300 mm L.D.S.	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	250 WWS			SIDEWALK	300 mm L.D.S.	WASTE WATER SEWER
	MANHOLE				PAVING STONES	250 mm W.W.S.	WASTE WATER SEWER
	CATCH BASIN				PROPERTY LINE		NORTH/WEST GUTTER
	TEST HOLES				SURVEY BAR		SOUTH/EAST GUTTER
	JUNCTIONS				CURB RAMP		NORTH/WEST T/LANE
	CULVERT				DITCH		SOUTH/EAST T/LANE
100 GAS	GAS				SWALE		
	EXISTING						
	LEGEND-PLAN						
	PROPOSED						
	EXISTING						
	LEGEND-PLAN						
	PROPOSED						
	EXISTING						
	LEGEND-PROFILE						
	PROPOSED						

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	ELEV. 232.463 m	E: 630550.534
DESIGNED BY	MRD	DESIGN TEAM	
DRAWN BY	PMW		
CHECKED BY	DBW		
APPROVED BY	DPK		
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL		DATE	
0	ISSUED FOR TENDER	13/08/08	MRD
NO. REVISIONS		DATE	BY
		2013/08/08	

DILLON CONSULTING

PROVINCE OF MANITOBA
M.R. DOUCET
 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
B242-13-62

SHEET **62** OF **128**

CONSULTANT DRAWING NUMBER
P-3349-62

REMOVALS 2 OF 3

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