



- CONSTRUCTION NOTES:**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. CONFIRM LOCATION OF ALL EXISTING UTILITIES. LOCATIONS OF EXISTING UTILITIES AT CROSSINGS ARE TO BE VERTICALLY AND HORIZONTALLY VERIFIED (Vh) USING SOFT-DIG METHODS PRIOR TO CONSTRUCTION.
 3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 4. TRENCHES & EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m (2.1m WHERE INSULATED).
 7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PL.
 8. NOTIFY ALL RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.	UNDERGROUND STRUCTURES	B.M. ELEV.	DESIGNED BY S.C.C.	ENGINEER'S SEAL		
300 mm L.O.S.	LAND DRAINAGE SEWER	300 mm L.O.S.	M.T.S.	300 mm L.O.S.	LAND DRAINAGE SEWER	300 mm L.O.S.	CONCRETE		DRAWN BY A.J.P.			
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	ASPHALT	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	PROPERTY LINE		CHECKED BY B.P.N.		CITY DRAWING NUMBER D-12347	SHEET 2 OF 2 BID OPPORTUNITY 214-2011
	MANHOLE		SURVEY BAR		PROPERTY LINE		SURVEY BAR		APPROVED BY D.P.K.	HOR. SCALE 1:250	CONSULTANT PROJECT NO. 11-4345-1000	
	CATCH BASIN		SERVICE VALVE		SURVEY BAR		SERVICE VALVE			VERTICAL 1:50		
	CURB INLET		TREE		SURVEY BAR		TREE					
	JUNCTIONS		LIGHT STANDARD		SURVEY BAR		LIGHT STANDARD					
	CULVERT		FENCE		SURVEY BAR		FENCE					
	GAS		GUY ANCHOR		SURVEY BAR		GUY ANCHOR					
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED				