

**WARNING**

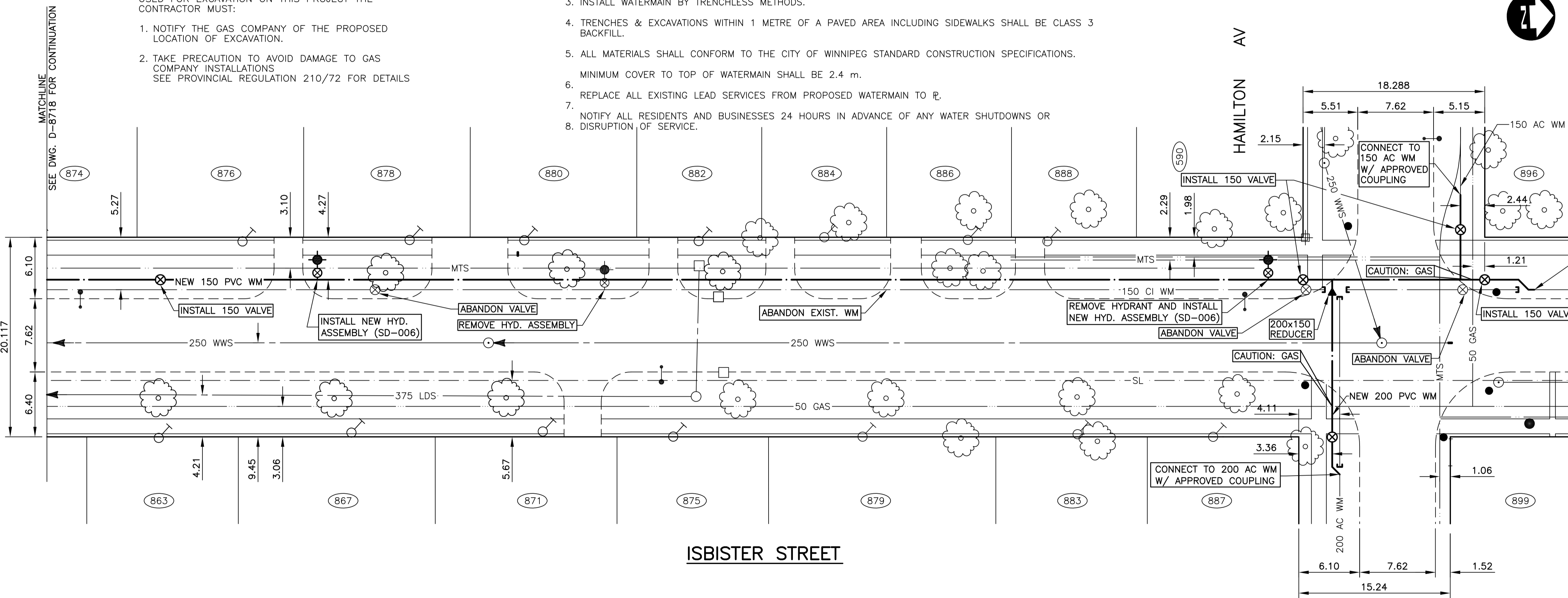
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

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

**CONSTRUCTION NOTES:**

1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
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. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
6. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
7. NOTIFY ALL RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

NOTE: CHAINAGE ALONG WEST PROPERTY LINE ISBISTER STREET



ADDRESS	SIZE/TYPE	SHORT/LONG	CORP. LOCATION
863 ISBISTER STREET	20 COPPER	6.3m SNL HOUSE	
864 ISBISTER STREET	20 COPPER	4.9m NSL HOUSE	
867 ISBISTER STREET	20 COPPER	0.9m SNL HOUSE	OPP S/C
868 ISBISTER STREET	20 COPPER	5.5m NSL HOUSE	
871 ISBISTER STREET	20 COPPER	0.8m SNL HOUSE	
872 ISBISTER STREET	20 COPPER	8.2m NSL HOUSE	
874 ISBISTER STREET	20 COPPER	3.1m NSL HOUSE	
875 ISBISTER STREET	20 COPPER	7.7m SNL HOUSE	
876 ISBISTER STREET	20 COPPER	3.1m NSL HOUSE	
878 ISBISTER STREET	20 COPPER	3.4m SNL BLDG.	OPP S/C
879 ISBISTER STREET	20 COPPER	3.4m SNL BLDG.	

CONNECT TO 150 CI WM W/ APPROVED COUPLING AND ANODE. USE VERTICAL BENDS AS APPROVED BY CONTRACT ADMINISTRATOR.

ADDRESS	SIZE/TYPE	SHORT/LONG	CORP. LOCATION
880 ISBISTER STREET	20 COPPER	2.1m NSL BLDG.	
882 ISBISTER STREET	20 COPPER	45.7m N. 2ND HYD. S. HAMILTON	
883 ISBISTER STREET	20 COPPER	3.1m NSL HOUSE	SAME AS CORP
884 ISBISTER STREET	20 COPPER	5.5m SNL HOUSE	
884 ISBISTER STREET	20 COPPER	13.7m E. FR BLDG.	
886 ISBISTER STREET	20 COPPER	51.5m S. 1ST HYD. S. HAMILTON	
886 ISBISTER STREET	20 COPPER	2.7m SNL HOUSE	
887 ISBISTER STREET	20 COPPER	3.1m NSL HOUSE	
888 ISBISTER STREET	20 COPPER	8.8m NSL HOUSE	
896 ISBISTER STREET	20 COPPER	5.1m S. & 1.8 EWL BLDG.	
899 ISBISTER STREET	20 COPPER	19.1m N. 1ST HYD. N. HAMILTON	
590 HAMILTON AVENUE	20 COPPER	2.9m SNL HOUSE	

\* SERVICE TO BE RENEWED  
**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	150 mm W.M.	HYDRO	150 mm W.M.	150 mm W.M.	150 mm W.M.
WATERMAIN	WATERMAIN	M.T.S.	WATERMAIN	WATERMAIN	WATERMAIN
HYDRANT VALVE	HYDRANT VALVE	CONCRETE ASPHALT	HYDRANT VALVE	HYDRANT VALVE	HYDRANT VALVE
300 mm L.O.S.	300 mm L.O.S.	PROPERTY LINE	300 mm L.O.S.	300 mm L.O.S.	300 mm L.O.S.
250 mm W.W.S.	250 mm W.W.S.	SURVEY BAR	250 mm W.W.S.	250 mm W.W.S.	250 mm W.W.S.
MANHOLE	MANHOLE	SERVICE VALVE	MANHOLE	MANHOLE	MANHOLE
CATCH BASIN	CATCH BASIN	I.P.S.	CATCH BASIN	CATCH BASIN	CATCH BASIN
CURB INLET	CURB INLET	BUILDING	CURB INLET	CURB INLET	CURB INLET
JUNCTIONS	JUNCTIONS		JUNCTIONS	JUNCTIONS	JUNCTIONS
CULVERT	CULVERT		CULVERT	CULVERT	CULVERT
GAS	GAS		GAS	GAS	GAS
EXISTING LEGEND-PLAN	PROPOSED	EXISTING LEGEND-PLAN	PROPOSED	EXISTING LEGEND-PROFILE	PROPOSED

SUPPLY, 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. ELEV.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
	S.C.C.	S.C.C.	P.M.K.	

NO.	REVISIONS	DATE	BY
2	ISSUED FOR TENDER	06/11/05	P.M.K.
1	SUBMITTED TO W&W FOR REVIEW	06/03/05	P.M.K.

DESIGNED BY S.C.C.  
 DRAWN BY S.C.C.  
 CHECKED BY P.M.K.  
 APPROVED BY

**DILLON CONSULTING**

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
 ORIGINAL STAMPED BY  
**P. M. KREITZ**  
 05/10/05  
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.  
**054574-07**

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

2005 WATERMAIN RENEWALS  
 CONTRACT 7  
**ISBISTER STREET**  
 NESS AVENUE TO HAMILTON AVENUE  
 STA. 2+25 TO STA. 3+75

CITY DRAWING NUMBER  
**D-8719**  
 SHEET 7 OF 9

BID OPPORTUNITY  
**234-2005**