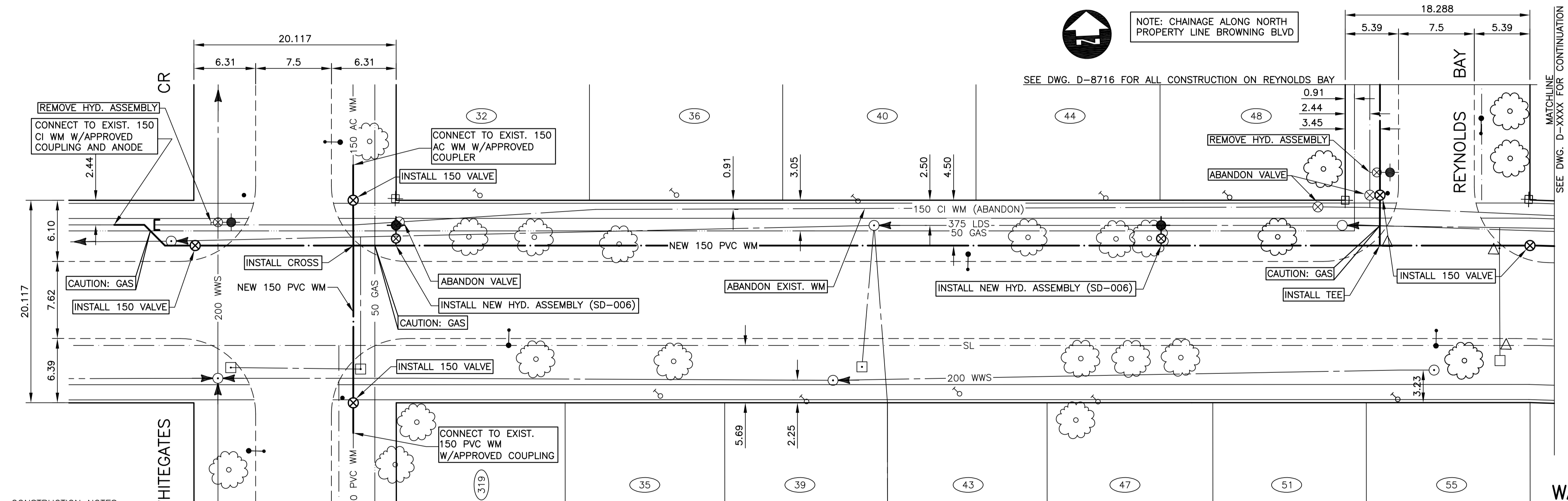


SEWER SERVICE INFORMATION		
LOCATION AT PROPERTY LINE		
ADDRESS	SIZE	PL TIE-IN
32 BROWNING	150Ø	10.8m WEL LOT
319 WHITEGATES	150Ø	8.5m EWL LOT
35 BROWNING	150Ø	12.5m EWL LOT
36 BROWNING	150Ø	10.7m WEL LOT
39 BROWNING	150Ø	8.4m EWL LOT
40 BROWNING	150Ø	11.5m WEL LOT
43 BROWNING	150Ø	11.3m EWL LOT
44 BROWNING	150Ø	5.2m WEL LOT
47 BROWNING	150Ø	5.5m EWL LOT
48 BROWNING	150Ø	11.3m WEL LOT
51 BROWNING	150Ø	4.9m EWL LOT
55 BROWNING	150Ø	3.4m EWL LOT



EXISTING WATER SERVICE LOCATION RECORDS			
ADDRESS	SIZE/TYPE	SHORT/LONG	CORP. LOCATION
319 WHITEGATES CRESCENT	20 COPPER	4.9m EWL HOUSE	7.6m E. OF VALVE AT COR. OF WHITEGATES & REYNOLDS
32 BROWNING BOULEVARD	20 COPPER	7.3m W. 1ST HYD. E. WHITEGATES	7.3m E. OF VALVE
35 BROWNING BOULEVARD	20 COPPER	4.0m EWL HOUSE	28.3m E. OF VALVE
36 BROWNING BOULEVARD	20 COPPER	2.1m WEL HOUSE	27.7m E. OF VALVE
39 BROWNING BOULEVARD	20 COPPER	4.0m EWL HOUSE	45.7m E. OF VALVE
40 BROWNING BOULEVARD	20 COPPER	5.2m EWL HOUSE	44.8m E. OF VALVE
43 BROWNING BOULEVARD	20 COPPER	5.7m WEL HOUSE	59.7m E. OF VALVE
44 BROWNING BOULEVARD	20 COPPER	3.1m WEL HOUSE	69.5m E. OF VALVE
47 BROWNING BOULEVARD	20 COPPER	9.3m EWL HOUSE	69.2m E. OF VALVE
48 BROWNING BOULEVARD	20 COPPER	9.8m WEL HOUSE	82.9m E. OF VALVE OF WHITEGATES AND BROWNING
51 BROWNING BOULEVARD	20 COPPER	0.6m WWL HOUSE	83.2m E. OF VALVE OF WHITEGATES AND BROWNING
55 BROWNING BOULEVARD	20 COPPER	9.0m WEL HOUSE	2.1m>NNL BROWNING

- 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.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
8. NOTIFY ALL RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

BROWNING BOULEVARD

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

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
HYDRANT	VALVE	M.T.S.	CONCRETE	ASPHALT	LAND DRAINAGE SEWER
WASTE WATER SEWER	MANHOLE	PROPERTY LINE	SURVEY BAR	SERVICE VALVE	NORTH/WEST GUTTER
CATCH BASIN	CURB INLET	I.P.S.	BUILDING		SOUTH/EAST GUTTER
JUNCTIONS	CULVERT				
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED

UNDERGROUND STRUCTURES		B.M. ELEV.	DESIGNED BY	ENGINEER'S SEAL
SUPV. U/G STRUCTURES COMMITTEE <td>DATE <td></td> <td>S.C.C.</td> <td rowspan="4"> </td> </td>	DATE <td></td> <td>S.C.C.</td> <td rowspan="4"> </td>		S.C.C.	
			S.C.C.	
			P.M.K.	
			P.M.K.	
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.			APPROVED BY	
2	ISSUED FOR TENDER	06/11/05	P.M.K.	HOR. SCALE 1:250
1	SUBMITTED TO W&W FOR REVIEW	06/03/05	P.M.K.	VERTICAL 1:50
NO.	REVISIONS	DATE	BY	DATE
			MARCH 2005	MAY 10, 2005

DILLON CONSULTING

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2005 WATERMAIN RENEWALS CONTRACT 7
BROWNING BOULEVARD
 WHITEGATES CRESCENT TO ROUGE ROAD
 0+75 TO STA. 2+15

CITY DRAWING NUMBER **D-8714**
 SHEET **2** OF **9**

BID OPPORTUNITY **234-2005**

CONSULTANT DRAWING NO. **054574-02**