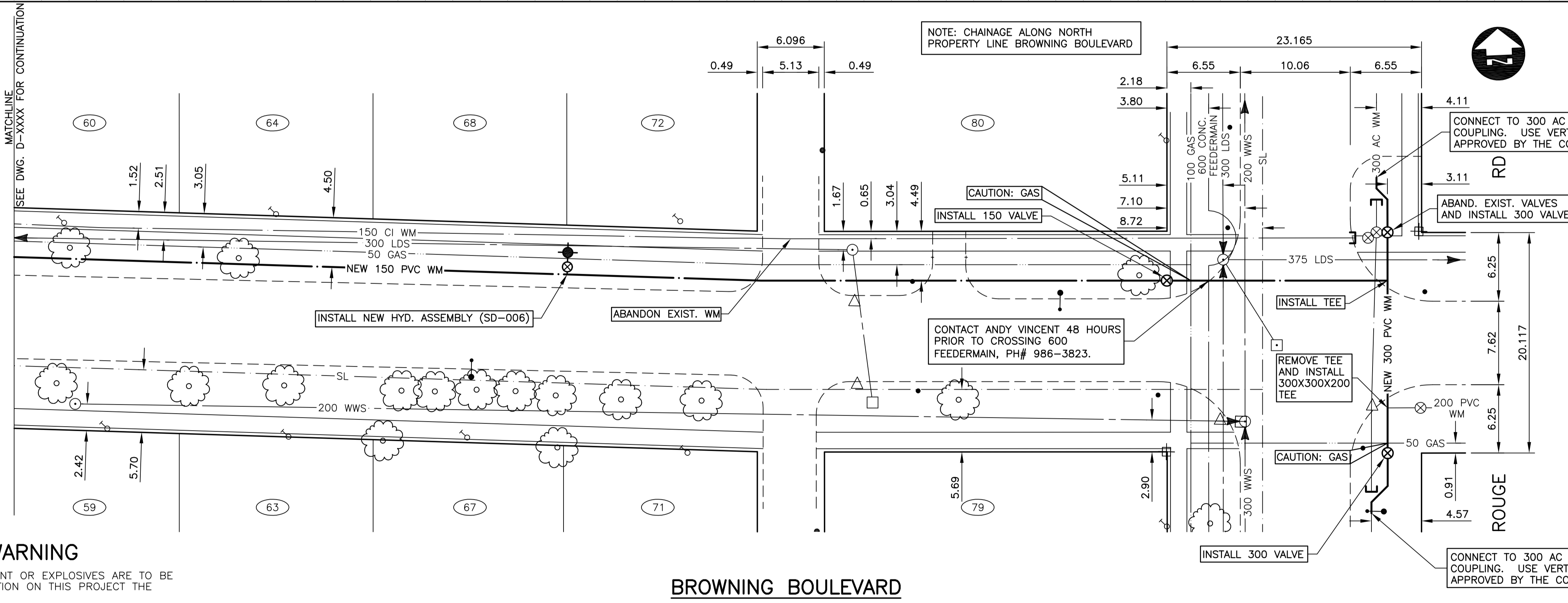


SEWER SERVICE INFORMATION		
LOCATION AT PROPERTY LINE		
ADDRESS	SIZE	PL TIE-IN
59 BROWNING BOULEVARD	150#	11.2m EWL LOT
60 BROWNING BOULEVARD	150#	9.9m EWL LOT
63 BROWNING BOULEVARD	150#	10.2m EWL LOT
64 BROWNING BOULEVARD	150#	9.1m EWL LOT
67 BROWNING BOULEVARD	150#	9.1m EWL LOT
68 BROWNING BOULEVARD	150#	10.4m EWL LOT
71 BROWNING BOULEVARD	150#	9.7m EWL LOT
72 BROWNING BOULEVARD	150#	10.9m EWL LOT

EXISTING WATER SERVICE LOCATION RECORDS			
ADDRESS	SIZE/TYPER	SHORT/LONG	CORP. LOCATION
59 BROWNING BOULEVARD	20 COPPER	4.8m WEL HOUSE	24.8m E. OF VALVE OF REYNOLDS AND BROWNING
60 BROWNING BOULEVARD	20 COPPER	5.9m EWL HOUSE	24.7m E. OF VALVE OF REYNOLDS AND BROWNING
63 BROWNING BOULEVARD	20 COPPER	5.3m WEL HOUSE	42.8m E. OF VALVE OF REYNOLDS AND BROWNING
64 BROWNING BOULEVARD	20 COPPER	4.3m EWL HOUSE	41.8m E. OF VALVE OF REYNOLDS AND BROWNING
67 BROWNING BOULEVARD	20 COPPER	6.3m WEL HOUSE	
68 BROWNING BOULEVARD	20 COPPER	8.0m EWL HOUSE	
71 BROWNING BOULEVARD	20 COPPER	3.5m WEL HOUSE	78.6m E. OF VALVE OF REYNOLDS AND BROWNING
72 BROWNING BOULEVARD	20 COPPER	6.7m EWL HOUSE	79.2m E. OF VALVE OF REYNOLDS AND BROWNING
79 BROWNING BOULEVARD	20 COPPER	5.6m NSL HOUSE	26.8m S. OF VALVE @ ROUGE
80 BROWNING BOULEVARD	20 COPPER	3.0m NSL HOUSE	7.3m N. OF VALVE @ NPL
		8.8m NNL BROWNING	

* SERVICE TO BE RENEWED



- 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.

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

BROWNING BOULEVARD

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

<table border="1"> <tr> <td>150 mm W.M.</td> <td>WATERMAIN</td> <td>150 mm W.M.</td> <td>HYDRO</td> </tr> <tr> <td>Hydrant</td> <td>HYDRANT</td> <td>Concrete</td> <td>M.T.S.</td> </tr> <tr> <td>Valve</td> <td>VALVE</td> <td>Asphalt</td> <td>CONCRETE</td> </tr> </table>	150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	Hydrant	HYDRANT	Concrete	M.T.S.	Valve	VALVE	Asphalt	CONCRETE	<table border="1"> <tr> <td>300 mm L.D.S.</td> <td>LAND DRAINAGE SEWER</td> <td>300 mm L.D.S.</td> <td>LAND DRAINAGE SEWER</td> </tr> <tr> <td>250 mm W.W.S.</td> <td>WASTE WATER SEWER</td> <td>250 mm W.W.S.</td> <td>WASTE WATER SEWER</td> </tr> </table>	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	LAND DRAINAGE SEWER	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	WASTE WATER SEWER	<table border="1"> <tr> <td>Property Line</td> <td>PROPERTY LINE</td> </tr> <tr> <td>Survey Bar</td> <td>SURVEY BAR</td> </tr> <tr> <td>Service Valve</td> <td>SERVICE VALVE</td> </tr> <tr> <td>I.P.S.</td> <td>I.P.S.</td> </tr> <tr> <td>Building</td> <td>BUILDING</td> </tr> </table>	Property Line	PROPERTY LINE	Survey Bar	SURVEY BAR	Service Valve	SERVICE VALVE	I.P.S.	I.P.S.	Building	BUILDING	<table border="1"> <tr> <td>150 mm W.M.</td> <td>WATERMAIN</td> <td>150 mm W.M.</td> <td>WATERMAIN</td> </tr> <tr> <td>Hydrant</td> <td>HYDRANT</td> <td>Valve</td> <td>VALVE</td> </tr> <tr> <td>Land Drainage Sewer</td> <td>LAND DRAINAGE SEWER</td> <td>Waste Water Sewer</td> <td>WASTE WATER SEWER</td> </tr> <tr> <td>Manhole</td> <td>MANHOLE</td> <td>North/West Gutter</td> <td>NORTH/WEST GUTTER</td> </tr> <tr> <td>Catch Basin</td> <td>CATCH BASIN</td> <td>South/East Gutter</td> <td>SOUTH/EAST GUTTER</td> </tr> <tr> <td>Curb Inlet</td> <td>CURB INLET</td> <td></td> <td></td> </tr> <tr> <td>Junctions</td> <td>JUNCTIONS</td> <td></td> <td></td> </tr> <tr> <td>Culvert</td> <td>CULVERT</td> <td></td> <td></td> </tr> <tr> <td>Gas</td> <td>GAS</td> <td></td> <td></td> </tr> </table>	150 mm W.M.	WATERMAIN	150 mm W.M.	WATERMAIN	Hydrant	HYDRANT	Valve	VALVE	Land Drainage Sewer	LAND DRAINAGE SEWER	Waste Water Sewer	WASTE WATER SEWER	Manhole	MANHOLE	North/West Gutter	NORTH/WEST GUTTER	Catch Basin	CATCH BASIN	South/East Gutter	SOUTH/EAST GUTTER	Curb Inlet	CURB INLET			Junctions	JUNCTIONS			Culvert	CULVERT			Gas	GAS			<p>UNDERGROUND STRUCTURES</p> <p>SUPPLY, U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>	<p>B.M. ELEV.</p> <table border="1"> <tr> <td>2</td> <td>ISSUED FOR TENDER</td> <td>06/11/05</td> <td>P.M.K.</td> </tr> <tr> <td>1</td> <td>SUBMITTED TO W&W FOR REVIEW</td> <td>06/03/05</td> <td>P.M.K.</td> </tr> </table> <p>NO. REVISIONS DATE BY</p>	2	ISSUED FOR TENDER	06/11/05	P.M.K.	1	SUBMITTED TO W&W FOR REVIEW	06/03/05	P.M.K.	<p>DESIGNED BY S.C.C.</p> <p>DRAWN BY S.C.C.</p> <p>CHECKED BY P.M.K.</p> <p>APPROVED BY</p> <p>HOR. SCALE 1:250</p> <p>VERTICAL 1:50</p> <p>RELEASED FOR CONSTRUCTION (ORIGINAL SIGNED BY) KAS ZUREK</p> <p>DATE MAY 10, 2005</p>	<p>ENGINEER'S SEAL</p> <p>PROVINCE OF MANITOBA</p> <p>ORIGINAL STAMPED BY P. M. KREITZ 05/10/05</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>CONSULTANT DRAWING NO. 054574-03</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2005 WATERMAIN RENEWALS CONTRACT 7</p> <p>BROWNING BOULEVARD WHITEGATES CRESCENT TO ROUGE ROAD STA. 2+15 TO STA. 3+50</p> <p>CITY DRAWING NUMBER D-8715</p> <p>SHEET 3 OF 9</p> <p>BID OPPORTUNITY 234-2005</p>
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