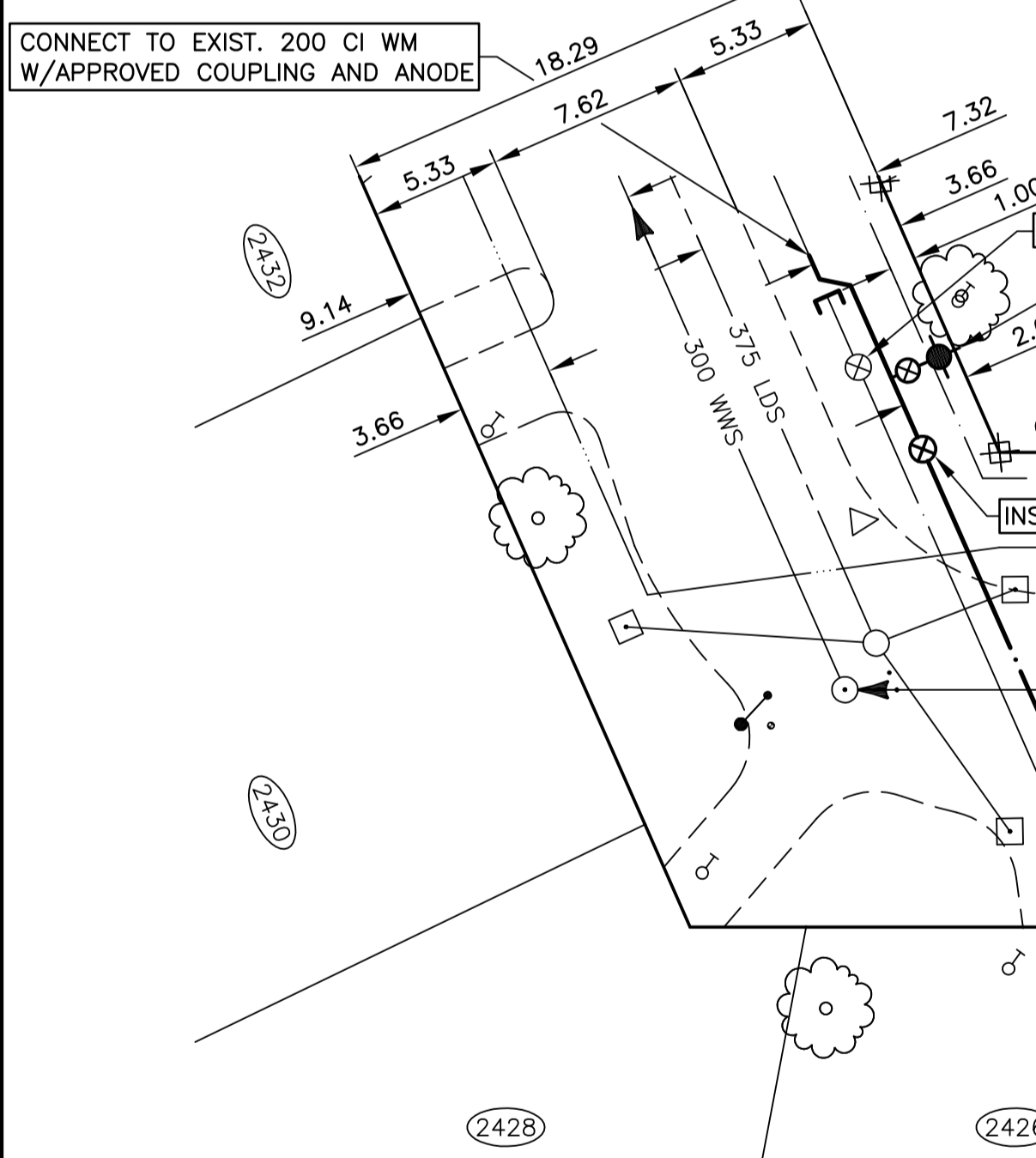


- CONSTRUCTION NOTES:**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
 3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 4. TRENCHES & EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 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 P.
 8. NOTIFY ALL RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

EXISTING WATER SERVICE LOCATION RECORDS			
ADDRESS	SIZE/TYPE	SHORT/LONG	CORP. LOCATION
2431 ASSINIBOINE CRESCENT	UNKNOWN	10.7m WEL HOUSE	21.0m W. HYD. TEE
2430 ASSINIBOINE CRESCENT	UNKNOWN	0.9m EWL HOUSE	
2428 ASSINIBOINE CRESCENT	UNKNOWN	IN DRIVEWAY	
2427 ASSINIBOINE CRESCENT	UNKNOWN	1.8m EWL HOUSE	3.1m W. OF HYD.
2426 ASSINIBOINE CRESCENT	UNKNOWN	12.2m WWL BLDG. IN DRIVE	
2424 ASSINIBOINE CRESCENT	UNKNOWN	2.7m NSL HOUSE	
2422 ASSINIBOINE CRESCENT	20 COPPER	3.6m SNL HOUSE	
2420 ASSINIBOINE CRESCENT	20 COPPER	EVEN WITH NL HOUSE	10.8m W. OF GARAGE
2418 ASSINIBOINE CRESCENT	20 COPPER	2.4m SNL HOUSE	
2440 PORTAGE AVENUE	100 CAST IRON	5.2m SSPL PORTAGE	3.2m S. OF HYD. TEE

* SERVICE TO BE RENEWED



SEWER SERVICE INFORMATION LOCATION AT PROPERTY LINE		
ADDRESS	SIZE	PL TIE-IN
2430 ASSINIBOINE	150ø	4.6m EWL LOT
2428 ASSINIBOINE	150ø	
2427 ASSINIBOINE	150ø	3.7m WEL LOT
2426 ASSINIBOINE	150ø	3.7m SNL LOT
2424 ASSINIBOINE	150ø	11.0m SNL LOT
2422 ASSINIBOINE	150ø	4.9m SNL LOT
2420 ASSINIBOINE	150ø	4.6m SNL LOT
2418 ASSINIBOINE	150ø	3.7m SNL LOT
2416 ASSINIBOINE	150ø	9.1m SNL LOT

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

ASSINIBOINE CRESCENT

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

<table border="1"> <tr> <th>150 mm W.M.</th> <th>150 mm W.M.</th> <th>HYDRO</th> <th>150 mm W.M.</th> <th>150 mm W.M.</th> <th>150 mm W.M.</th> </tr> <tr> <td>WATERMAIN</td> <td>HYDRANT</td> <td>M.T.S.</td> <td>WATERMAIN</td> <td>HYDRANT</td> <td>B.M. ELEV.</td> </tr> <tr> <td>VALVE</td> <td>VALVE</td> <td>CONCRETE</td> <td>VALVE</td> <td>VALVE</td> <td></td> </tr> <tr> <td>300 mm L.O.S.</td> <td>300 mm L.O.S.</td> <td>ASPHALT</td> <td>300 mm L.O.S.</td> <td>300 mm L.O.S.</td> <td></td> </tr> <tr> <td>250 mm W.W.S.</td> <td>250 mm W.W.S.</td> <td>PROPERTY LINE</td> <td>250 mm W.W.S.</td> <td>250 mm W.W.S.</td> <td></td> </tr> <tr> <td>MANHOLE</td> <td>MANHOLE</td> <td>SURVEY BAR</td> <td>MANHOLE</td> <td>MANHOLE</td> <td></td> </tr> <tr> <td>CATCH BASIN</td> <td>CATCH BASIN</td> <td>SERVICE VALVE</td> <td>CATCH BASIN</td> <td>CATCH BASIN</td> <td></td> </tr> <tr> <td>CURB INLET</td> <td>CURB INLET</td> <td>I.P.S.</td> <td>CURB INLET</td> <td>CURB INLET</td> <td></td> </tr> <tr> <td>JUNCTIONS</td> <td>JUNCTIONS</td> <td>BUILDING</td> <td>JUNCTIONS</td> <td>JUNCTIONS</td> <td></td> </tr> <tr> <td>CULVERT</td> <td>CULVERT</td> <td></td> <td>CULVERT</td> <td>CULVERT</td> <td></td> </tr> <tr> <td>GAS</td> <td>GAS</td> <td></td> <td>GAS</td> <td>GAS</td> <td></td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> </tr> </table>	150 mm W.M.	150 mm W.M.	HYDRO	150 mm W.M.	150 mm W.M.	150 mm W.M.	WATERMAIN	HYDRANT	M.T.S.	WATERMAIN	HYDRANT	B.M. ELEV.	VALVE	VALVE	CONCRETE	VALVE	VALVE		300 mm L.O.S.	300 mm L.O.S.	ASPHALT	300 mm L.O.S.	300 mm L.O.S.		250 mm W.W.S.	250 mm W.W.S.	PROPERTY LINE	250 mm W.W.S.	250 mm W.W.S.		MANHOLE	MANHOLE	SURVEY BAR	MANHOLE	MANHOLE		CATCH BASIN	CATCH BASIN	SERVICE VALVE	CATCH BASIN	CATCH BASIN		CURB INLET	CURB INLET	I.P.S.	CURB INLET	CURB INLET		JUNCTIONS	JUNCTIONS	BUILDING	JUNCTIONS	JUNCTIONS		CULVERT	CULVERT		CULVERT	CULVERT		GAS	GAS		GAS	GAS		EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	<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>	<table border="1"> <tr> <td>DESIGNED BY</td> <td>S.C.C.</td> </tr> <tr> <td>DRAWN BY</td> <td>S.C.C.</td> </tr> <tr> <td>CHECKED BY</td> <td>P.M.K.</td> </tr> <tr> <td>APPROVED BY</td> <td></td> </tr> <tr> <td>HOR. SCALE</td> <td>1:250</td> </tr> <tr> <td>VERTICAL</td> <td>1:50</td> </tr> <tr> <td>RELEASED FOR CONSTRUCTION (ORIGINAL SIGNED BY)</td> <td></td> </tr> <tr> <td>DATE</td> <td>MARCH 2005</td> </tr> </table>	DESIGNED BY	S.C.C.	DRAWN BY	S.C.C.	CHECKED BY	P.M.K.	APPROVED BY		HOR. SCALE	1:250	VERTICAL	1:50	RELEASED FOR CONSTRUCTION (ORIGINAL SIGNED BY)		DATE	MARCH 2005	<p>ENGINEER'S SEAL</p> <p>PROVINCE OF MANITOBA ORIGINAL STAMPED BY P. M. KREITZ 05/10/05 REGISTERED PROFESSIONAL ENGINEER</p> <p>CONSULTANT DRAWING NO. 054574-01</p>	<p>THE CITY OF WINNIPEG Winnipeg WATER AND WASTE DEPARTMENT</p> <p>2005 WATERMAIN RENEWALS CONTRACT 7</p> <p>ASSINIBOINE CRESCENT, E. LEG PORTAGE AV TO ASSINIBOINE CR S. LEG STA. 8+75 TO STA. 10+50</p>	<p>CITY DRAWING NUMBER D-8713</p> <p>SHEET 1 OF 9</p> <p>BID OPPORTUNITY 234-2005</p>
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