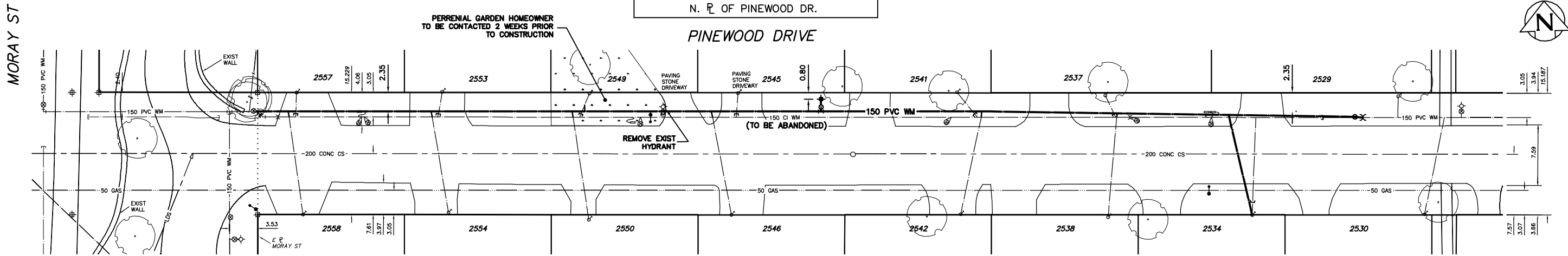


NOTE: CHAINAGES SHOWN ARE ALONG N. R. OF PINEWOOD DR.



WATER SERVICE INFORMATION

STREET	PROP	SIZE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
2529 PINEWOOD DR	20	20	1.55 WEL HSE	OPP S/C	-
RESIDENTIAL	COPPER	COPPER	142.03 EEL MORAY		
2530 PINEWOOD DR	20	20	0.30 WEL HSE	2.47 E SC	-
RESIDENTIAL	COPPER	COPPER	145.32 EEL MORAY		
2534 PINEWOOD DR	20	20	3.10 WEL HSE	0.45 E OF S/C	-
RESIDENTIAL	COPPER	COPPER	123.72 EEL MORAY		
2537 PINEWOOD DR	20	20	10.50 EWL HSE	2.2 E OF S/C	-
RESIDENTIAL	COPPER	COPPER	105.69 EEL MORAY		
2538 PINEWOOD DR	20	20	2.66 WEL HSE	1.05 E OF S/C	NOV/03-RENEWED SERVICE BOX
RESIDENTIAL	COPPER	COPPER	105.83 EEL MORAY		
2541 PINEWOOD DR	20	20	2.37 WEL HSE	2.5 E OF S/C	-
RESIDENTIAL	COPPER	COPPER	87.21 EEL MORAY		
2542 PINEWOOD DR	20	20	2.95 WEL HSE	2.4 E OF S/C	-
RESIDENTIAL	COPPER	COPPER	87.37 EEL MORAY		
2545 PINEWOOD DR	20	20	2.36 EWL HSE	0.25 W OF S/C	-
RESIDENTIAL	-	-	59.84 EEL HSE		

WATER SERVICE INFORMATION

STREET	PROP	SIZE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
2546 PINEWOOD DR	20	20	1.71 EWL HSE	2.3 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	59.04 EEL MORAY		
2549 PINEWOOD DR	20	20	1.55 EWL HSE	1.2 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	41.33 EEL MORAY		
2550 PINEWOOD DR	20	20	3.35 EWL HSE	2.0 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	41.25 EEL MORAY		
2553 PINEWOOD DR	20	20	1.74 EWL HSE	0.6 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	22.92 EEL MORAY		
2554 PINEWOOD DR	20	20	3.75 EWL HSE	2.3 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	23.76 EEL MORAY		
2557 PINEWOOD DR	20	20	1.66 EWL HSE	0.11 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	4.84 EEL MORAY		
2558 PINEWOOD DR	20	20	3.18 EWL HSE	1.7 W OF S/C	-
RESIDENTIAL	COPPER	COPPER	5.67 EEL MORAY		

* SERVICES TO BE RENEWED TO R. ALL OTHERS TO BE RECONNECTED

CONSTRUCTION NOTES

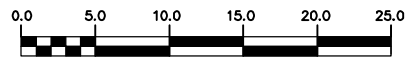
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

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



<table border="1"> <tr> <th>200 WM</th> <th>WATERMAIN</th> <th>200 WM</th> <th>SL, HYDRO</th> <th>150 WM</th> <th>WATERMAIN</th> <th>150 WM</th> </tr> <tr> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> <td>MTS</td> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> </tr> <tr> <td>⊙</td> <td>VALVE</td> <td>⊙</td> <td>TRAFFIC SIGNALS</td> <td>⊙</td> <td>VALVE</td> <td>⊙</td> </tr> <tr> <td>525 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>525 LDS</td> <td>GAS</td> <td>300 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LDS</td> </tr> <tr> <td>375 WWS</td> <td>WASTEWATER SEWER</td> <td>375 WWS</td> <td>SURVEY BAR</td> <td>250 WWS</td> <td>WASTEWATER SEWER</td> <td>250 WWS</td> </tr> <tr> <td>○</td> <td>MANHOLE</td> <td>○</td> <td>FENCE</td> <td>⊕</td> <td>PROFILE</td> <td>⊕</td> </tr> <tr> <td>□</td> <td>CATCH BASIN</td> <td>□</td> <td>POLE - HYDRO, MTS</td> <td>⊕</td> <td>GROUND ABOVE PIPE</td> <td>⊕</td> </tr> <tr> <td>▽</td> <td>CURB INLET</td> <td>▽</td> <td>CURB STOP</td> <td>⊕</td> <td>? DITCH (NORTH & WEST)</td> <td>⊕</td> </tr> <tr> <td>△</td> <td>REDUCER</td> <td>△</td> <td>GUY ANCHOR</td> <td>⊕</td> <td>? DITCH (SOUTH & EAST)</td> <td>⊕</td> </tr> <tr> <td>X</td> <td>COUPLER</td> <td>X</td> <td>LIGHT STANDARD</td> <td>⊕</td> <td>GUTTER (NORTH & WEST)</td> <td>⊕</td> </tr> <tr> <td>⊕</td> <td>ANODE</td> <td>⊕</td> <td>TREE</td> <td>⊕</td> <td>GUTTER (SOUTH & EAST)</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> <td>EXISTING</td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> <td>EXISTING</td> </tr> </table>	200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM	⊕	HYDRANT	⊕	MTS	⊕	HYDRANT	⊕	⊙	VALVE	⊙	TRAFFIC SIGNALS	⊙	VALVE	⊙	525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS	375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS	○	MANHOLE	○	FENCE	⊕	PROFILE	⊕	□	CATCH BASIN	□	POLE - HYDRO, MTS	⊕	GROUND ABOVE PIPE	⊕	▽	CURB INLET	▽	CURB STOP	⊕	? DITCH (NORTH & WEST)	⊕	△	REDUCER	△	GUY ANCHOR	⊕	? DITCH (SOUTH & EAST)	⊕	X	COUPLER	X	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕	⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	⊕	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. 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 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. FIELD BOOK #</p> <p>POSTED TO LBS</p>	<p>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</p> <p>DESIGNED BY NC/SC CHECKED BY TW DRAWN BY CJH APPROVED BY KZ</p> <p>HOR. SCALE 1:250 VERTICAL 1:50</p> <p>RELEASED FOR CONSTRUCTION</p> <p>NO. REVISIONS DATE BY DATE 2006 08 04</p>	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY S.R.J. COUNROYER 06/08/04</p> <p>BID OPPORTUNITY: 303-2006 FILENAME: D-9076.dwg PLOT DATE: 2006 08 04</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2006 WATERMAIN RENEWALS</p> <p>PINEWOOD DRIVE MORAY STREET TO 155 E OF MORAY STREET</p> <p>SHEET 8 OF 10 CITY DRAWING NUMBER D-9076</p>
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