

NOTE: CHAINAGES SHOWN ARE ALONG SE R OF INWOOD CRES. (SE LEG)

WATER SERVICE INFORMATION

| ADDRESS | SIZE(mm) & TYPE (STREET) | SIZE(mm) (PROP) | SHORT & LONG MEASUREMENT | CORP. LOCATION | SERV. OFF |
|---------------------------------|--------------------------|-----------------|--------------------------|------------------|---|
| 7 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 9.53 N.O.F S/SIDE BLDG | 84.73 N 1ST HYD* | SERV. OFF CRESTVIEW PARK |
| 11 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 6.86 N.1ST HYD.S INWOOD | | *N VOYAGEUR BOOK 11,PAGE 2 |
| 14 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 10.15 W.O.F E.P.L. | SEE REMARKS | CRPP.118'S.OF VALVE ON INWOOD CRES/E LEG AT CAVALIER BK.6.PG.7 SEWER JCT MEAS 25'S.1ST MHS CRESTVIEW |
| 15 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 2.44 E.O.F W/SIDE BLDG | SEE REMARKS | CRPP.236'S THEN W.O.F VALVE ON INWOOD CRES/E LEG AT CAVALIER BK.4.PG.45 SEWER JCT MEAS 33'W.O.F MI-INWOOD SE COR |
| 18 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 5.85 W.O.F E/SIDE BLDG | SEE REMARKS | CRPP.180'S.OF VALVE ON INWOOD CRES/E LEG AT CAVALIER DR BK.6.PG.6 SEWER JCT MEAS 77'S.1ST MHS CRESTVIEW |
| 23 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 4.42 W.O.F E/SIDE BLDG | SEE REMARKS | CRPP.184'S.OF VALVE ON INWOOD CRES/E LEG AT CAVALIER BK.4.PG.44 SEWER JCT MEAS 129'S.MHS CRESTVIEW DR |
| 27 INWOOD CRES RESIDENTIAL | 20 COPPER | 20 COPPER | 8.23 W OF E SIDE BLDG | SEE REMARKS | CRPP.189 S OF VALVE ON INWOOD CRES E LEG AT CAVALIER DR SEWER JCT MEAS 159 S 1ST MHS CRESTVIEW |
| 1072 CRESTVIEW PARK RESIDENTIAL | 20 COPPER | 20 COPPER | 4.72 W.O.F E/SIDE BLDG | SEE REMARKS | CRPP.232'S THEN W.O.F VALVE ON INWOOD E LEG. BK.4.PG.43 STJ-03217480-07. SEWER JCT MEAS 130'W.MH INWOOD SE CORNER |
| | 20 COPPER | 20 COPPER | 5.18 W.O.F E/SIDE BLDG | 44.20 E 1ST * | SERV. OFF CRESTVIEW PARK |
| | | | | | * HYD W INWOOD E LEG. BOOK 11,PAGE 2 |

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

CONSTRUCTION NOTES

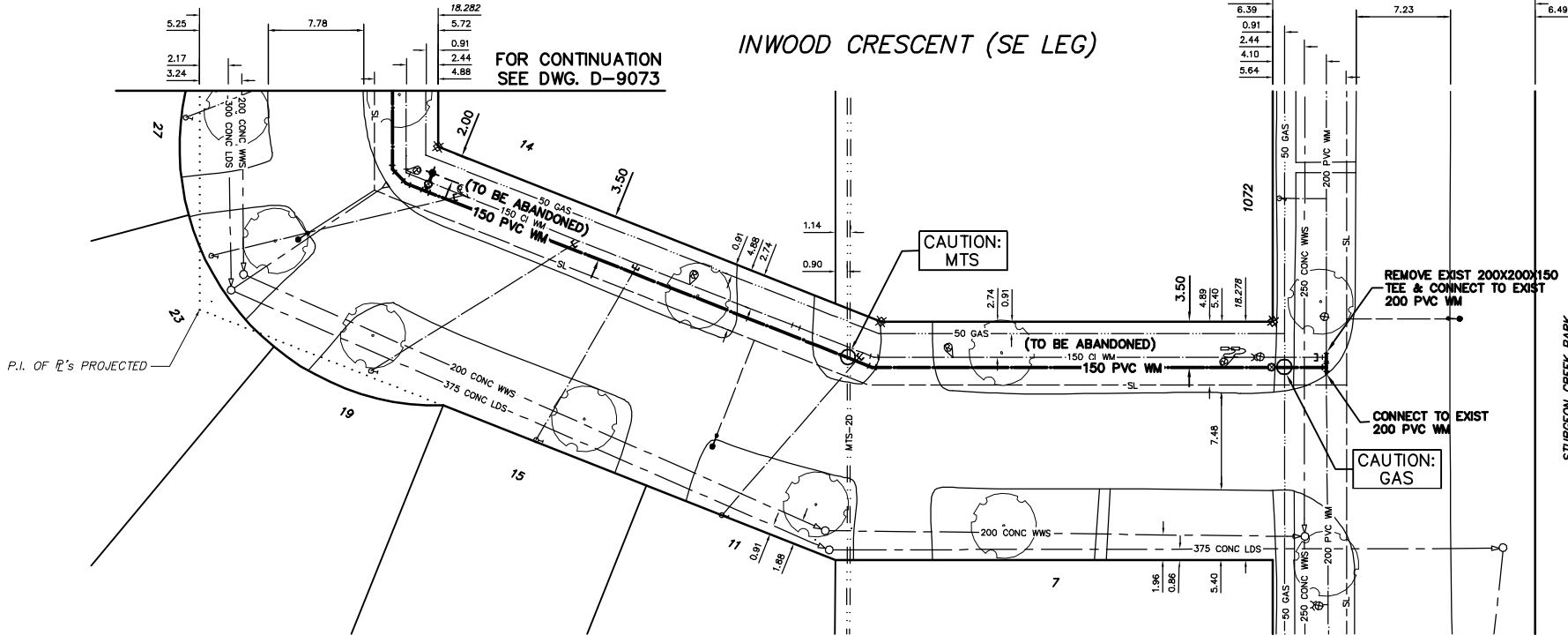
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM 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

- MUST:
1. POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR
 2. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 3. 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>o</td> <td>VALVE</td> <td>o</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>o</td> <td>MANHOLE</td> <td>o</td> <td>FENCE</td> <td>o</td> <td>PROFILE</td> <td>o</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> </table> | 200 WM | WATERMAIN | 200 WM | SL, HYDRO | 150 WM | WATERMAIN | 150 WM | + | HYDRANT | + | MTS | + | HYDRANT | + | o | VALVE | o | 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 | o | MANHOLE | o | FENCE | o | PROFILE | o | □ | 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 | <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 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> <p>FIELD BOOK #:</p> <p>POSTED TO LBS</p> <p>NO. REVISIONS</p> <p>DATE</p> <p>BY</p> | <p>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</p> <p>DESIGNED BY: NC/SC CHECKED BY: TW</p> <p>DRAWN BY: CJH APPROVED BY: KZ</p> <p>HOR. SCALE: 1:250 VERTICAL: 1:50</p> <p>RELEASED FOR CONSTRUCTION</p> <p>DATE: 2006 08 04</p> | <p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY S.R.J. COURNOYER 06/08/04</p> <p>TENDER No. 303-2006 FILENAME: D-9074.dwg PLOT DATE: 2006 08 04</p> | <p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2006 WATERMAIN RENEWALS</p> <p>SHEET 6 OF 10</p> <p>CITY DRAWING NUMBER</p> <p>D-9074</p> |
|---|---------------------|-----------|-------------------|-------------|-----------------------|-----------|--------|---|---------|---|-----|---|---------|---|---|-------|---|-----------------|---|-------|---|---------|---------------------|---------|-----|---------|---------------------|---------|---------|------------------|---------|------------|---------|------------------|---------|---|---------|---|-------|---|---------|---|---|-------------|---|-------------------|---|-------------------|---|---|------------|---|-----------|---|----------------------|---|---|---------|---|------------|---|----------------------|---|---|---------|---|----------------|---|-----------------------|---|---|-------|---|------|---|-----------------------|---|----------|-------------|----------|----------|-------------|----------|----------|---|--|--|--|---|
| 200 WM | WATERMAIN | 200 WM | SL, HYDRO | 150 WM | WATERMAIN | 150 WM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| + | HYDRANT | + | MTS | + | HYDRANT | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| o | VALVE | o | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| o | MANHOLE | o | FENCE | o | PROFILE | o | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □ | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |