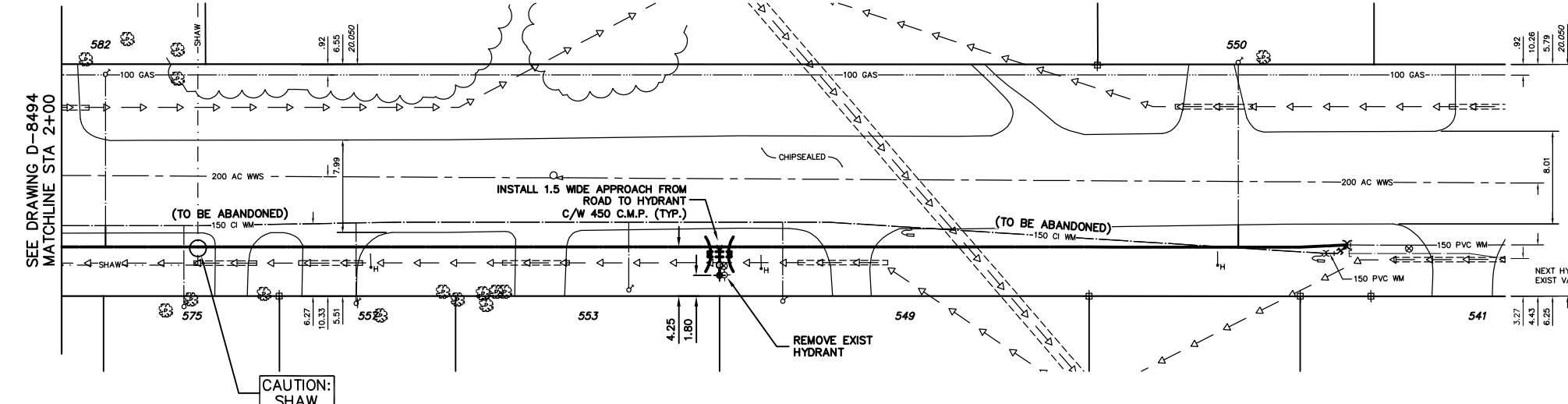


NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF CHARLESWOOD RD.

CHARLESWOOD ROAD



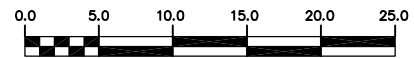
WATER SERVICE INFORMATION

| ADDRESS                        | SIZE (mm) & TYPE (STREET) | SIZE (mm) & TYPE (PROP) | SHORT & LONG MEASUREMENT | CORP. LOCATION | REMARKS            |
|--------------------------------|---------------------------|-------------------------|--------------------------|----------------|--------------------|
| 541 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | ON N GARAGE LINE         | 2.43 N OF S/C  | -                  |
| 545 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 12.0 OFF BLDG            | -              | -                  |
| 549 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 3.81 S OF NHL            | 0.7 S OF HYD   | -                  |
| 550 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 3.68 S OF SHL            | -              | -                  |
| 553 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 4.88 N/WV EL CHARLESWOOD | -              | -                  |
| 557 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 11.58 NSL BLDG           | -              | -                  |
| 575 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 6.1 S OF NHL             | -              | -                  |
| 582 CHARLESWOOD RD RESIDENTIAL | 19 COPPER                 | 19 COPPER               | 4.57 N OF SHL            | -              | -                  |
|                                |                           |                         | 10.97 OFF BLDG           | -              | -                  |
|                                |                           |                         | 4.88 N OF SHL            | -              | -                  |
|                                |                           |                         | 11.9 OFF BLDG            | -              | -                  |
|                                |                           |                         | 3.66 N OF SHL            | -              | -                  |
|                                |                           |                         | 12.96 OFF BLDG           | -              | SERV. OFF LANGEVIN |

- \* SERVICES TO BE RENEWED TO R ALL OTHERS TO BE RECONNECTED
- CONSTRUCTION NOTING
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 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



| 200 WM   | WATERMAIN           | 200 WM   | SL, HYDRO         | 150 WM      | WATERMAIN | 150 WM              |
|----------|---------------------|----------|-------------------|-------------|-----------|---------------------|
| ◆        | HYDRANT             | ◆        | MTS               | +           | HYDRANT   | +                   |
| ○        | VALVE               | ○        | TRAFFIC SIGNALS   | -x-         | VALVE     | -x-                 |
| 525 LDS  | LAND DRAINAGE SEWER | 525 LDS  | GAS               | 50 GAS      | 300 LDS   | LAND DRAINAGE SEWER |
| 375 WWS  | WASTEWATER SEWER    | 375 WWS  | SURVEY BAR        | 250 WWS     | 250 WWS   | WASTEWATER SEWER    |
| ○        | MANHOLE             | ●        | FENCE             | -x-         | ⊕         | PROFILE             |
| □        | CATCH BASIN         | ■        | POLE - HYDRO, MTS | ----        | ⊕         | GROUND ABOVE PIPE   |
| ▽        | CURB INLET          | ▽        | CURB STOP         | ⊕           |           |                     |
| △        | REDUCER             | △        | GUY ANCHOR        | ⊕           |           |                     |
| ×        | COUPLING            | ×        | LIGHT STANDARD    | ⊕           |           |                     |
| ⊕        | ANODE               | ⊕        | TREE              | ⊕           |           |                     |
| EXISTING | LEGEND-PLAN         | PROPOSED | EXISTING          | LEGEND-PLAN | PROPOSED  | EXISTING            |

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV, U/G STRUCTURES COMMITTEE DATE

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.

|                    |                           |
|--------------------|---------------------------|
| B.M. ELEV.         | FIELD BOOK #:             |
| POSTED TO LBS:     |                           |
| DESIGNED BY DS/CJH | CHECKED BY TW             |
| DRAWN BY CJH       | APPROVED BY KZ            |
| HOR. SCALE 1:250   | RELEASED FOR CONSTRUCTION |
| VERTICAL 1:50      |                           |
| DATE 2004 05 19    | DATE                      |

**CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION**

DESIGNED BY DS/CJH  
CHECKED BY TW  
DRAWN BY CJH  
APPROVED BY KZ  
HOR. SCALE 1:250  
VERTICAL 1:50  
DATE 2004 05 19

ENGINEER'S SEAL  
ORIGINAL SIGNED BY K.R. ZUREK 04/05/19

BID OPPORTUNITY: 152-2004  
FILENAME: D-8494\_LD-8495.dwg  
PLOT DATE: 2004 05 19

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

2004 WATERMAIN RENEWALS  
SHEET 8 OF 13  
CITY DRAWING NUMBER

**CHARLESWOOD ROAD**  
212 m S OF SP ROBLIN BOULEVARD TO  
184 m S OF SP ROBLIN BOULEVARD  
**D-8495**