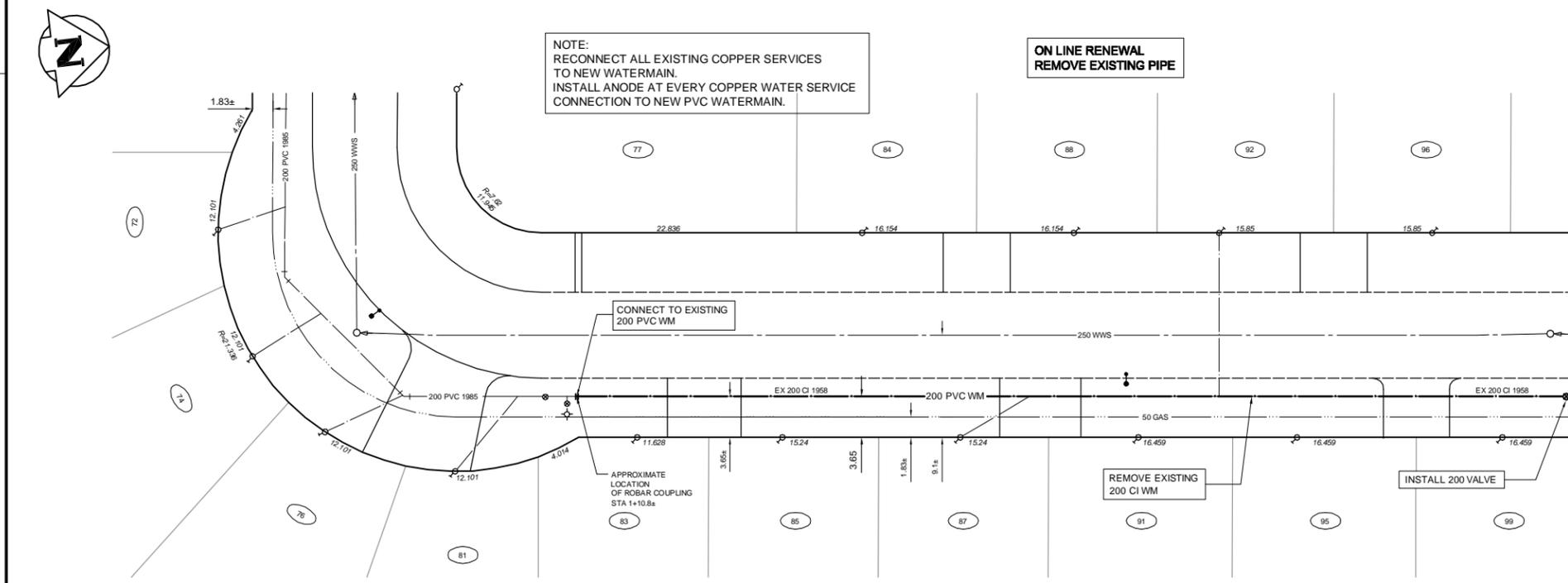


| WATER CONNECTION DATA | | | | | |
|--------------------------------|-------------|----------------|---------------------------------|--------------------------------------|---------------------|
| ADDRESS | SIZE & TYPE | DISTANCE TO PL | STOP COCK LOCATION SHORT / LONG | CORPORATION COCK LOCATION | COMMENTS |
| 77 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 1.2 EWL BLDG | 26.2 S OF 1st HYDRANT E STRATHMILLAN | CON NEW MAIN SEP/85 |
| 83 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 5.0 NSL BLDG | - | - |
| 84 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 4.1 NSL BLDG | - | - |
| 85 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 2.5 NSL BLDG | - | - |
| 87 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 3.1 NSL BLDG | 2.7 S OF NPL | - |
| 88 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 5.0 NSL BLDG | - | - |
| 91 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 5.5 NSL BLDG | - | - |
| 92 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 2.7 NSL BLDG | OPP S/C COUPLING 1.2 N OF COR P | - |
| 95 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 4.2 NSL BLDG | - | - |
| 96 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 5.3 NSL BLDG | - | - |
| 99 BOURKEWOOD PL (RESIDENTIAL) | 19 COPPER | - | 4.8 NSL BLDG | - | - |



NOTE:
CHAINAGE IS ALONG EAST LIMIT OF BOURKEWOOD PLACE RIGHT-OF-WAY.

CONSTRUCTION NOTES

1. WATERMAIN TO HAVE 2.5m COVER FROM CENTRELINE OF ROAD.
2. ALL CURB REPLACEMENT TO MATCH EXISTING CURB.
3. ALL EXISTING WATERMANS AT CONNECTION LOCATIONS ARE TO HAVE INVERTS VERIFIED PRIOR TO CONSTRUCTION.
4. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION FROM 50mm TO 150mm ABOVE FINISHED GRADE.
5. SALVAGE ALL EXISTING HYDRANT ASSEMBLIES AND VALVES WHEN DIRECTED BY THE CONTRACT ADMINISTRATOR AND RETURN TO THE CITY YARD. ABANDON THE REMAINING VALVES (AND/OR VALVE BOXES) AND HYDRANT ASSEMBLIES.
6. INSTALL WATERMAIN BY TRENCHLESS METHODS UNDER ALL PAVEMENTS, TREES, LIGHT STANDARDS, AND OTHER APPURTENANCES.
7. LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
8. RENEW ALL LEAD WATER CONNECTIONS UP TO THE PROPERTY LINE WITH 19mm COPPER WATER CONNECTIONS UNLESS RENEWAL SIZE IS OTHERWISE NOTED.
9. ALL VALVES SHALL TURN COUNTER CLOCKWISE TO CLOSE WITH RED OPERATING NUT SHALL BE CLASS 3.
10. ALL BACKFILL UNDER AND WITHIN 1.0m OF PAVEMENT OR SIDEWALK SHALL BE CLASS 3.
11. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
12. ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT ADMINISTRATOR.
13. CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY DISRUPTION TO WATER SERVICE.

GENERAL NOTES

1. STATION 1+00 = NORTH LIMIT OF BOURKEWOOD PLACE (SOUTH LEG).

BOURKEWOOD PLACE EAST LEG

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED |
|----------|---------------------|----------|----------------|-------------|----------|-----------------|-------------|----------|
| 150 WM | WATERMAIN | --- | TEE | + | + | TREE | ○ | ○ |
| 400 FM | FEEDERMAIN | --- | CURB STOP | ○ | ○ | LEGAL DIMENSION | --- | --- |
| 300 LDS | LAND DRAINAGE SEWER | --- | PLUG | □ | □ | SURVEY BAR | + | + |
| 250 WWS | WASTEWATER SEWER | --- | MANHOLE | ○ | ○ | TRAFFIC SIGNAL | + | + |
| 300 CS | COMBINED SEWER | --- | CATCHBASIN | □ | □ | GAS | + | + |
| 200 FCM | FORCEMAIN | --- | CURB INLET | ▽ | ▽ | HYDRO | + | + |
| REDUCER | REDUCER | + | ZINC ANODE | + | + | ASPHALT | --- | --- |
| HYDRANT | HYDRANT | + | HYDRO POLE | + | + | CURB | --- | --- |
| VALVE | VALVE | + | LIGHT STANDARD | + | + | ADDRESS | + | + |
| BEND | BEND | + | ANCHOR | + | + | SIGN | + | + |

| LOCATION APPROVED UNDERGROUND STRUCTURES | | B.M. ELEV. |
|---|---------------------|------------|
| 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. | | |
| 00 | ISSUED FOR APPROVAL | 11.03.18 |
| NO. | REVISIONS | DATE BY |

WARDROP
A TETRA TECH COMPANY

PEOPLE. PASSION. PERFORMANCE.
TRUSTED GLOBALLY

| | | | |
|-------------|---------|---------------------------|-----|
| DESIGNED BY | GWC | CHECKED BY | KJM |
| DRAWN BY | NL | APPROVED BY | GS |
| HOR. SCALE: | 1 : 250 | RELEASED FOR CONSTRUCTION | |
| VERTICAL: | 1 : 50 | | |

CONSULTANT DRAWING NO. 1100120300-DWG-C0004-00



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS CONTRACT 3

BOURKEWOOD PLACE BOURKEWOOD PLACE (SOUTH LEG) TO 100m NORTH OF BOURKEWOOD PLACE (S LEG)

CITY DRAWING NUMBER D-12355
SHEET 4 OF 12
C0004

