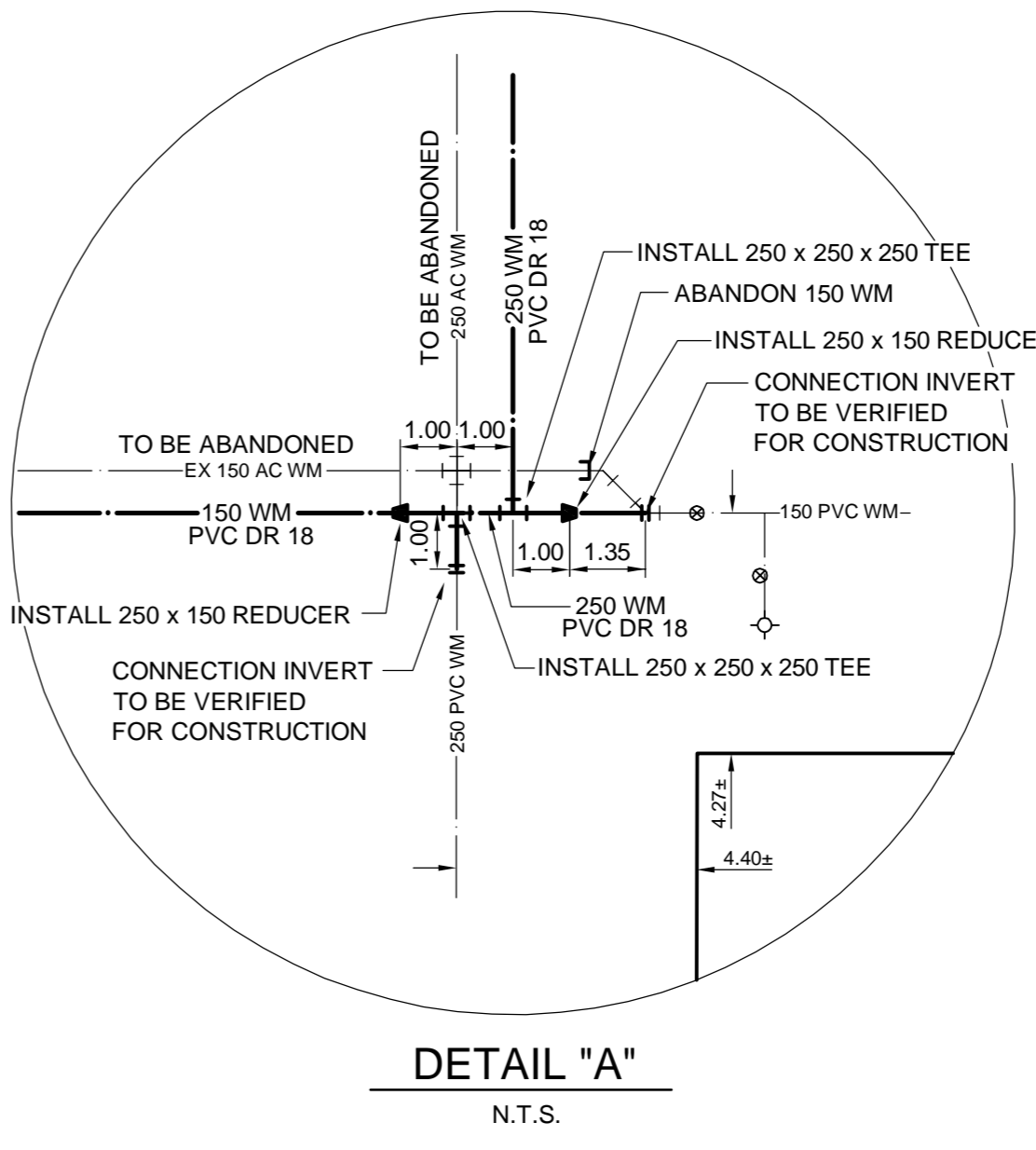
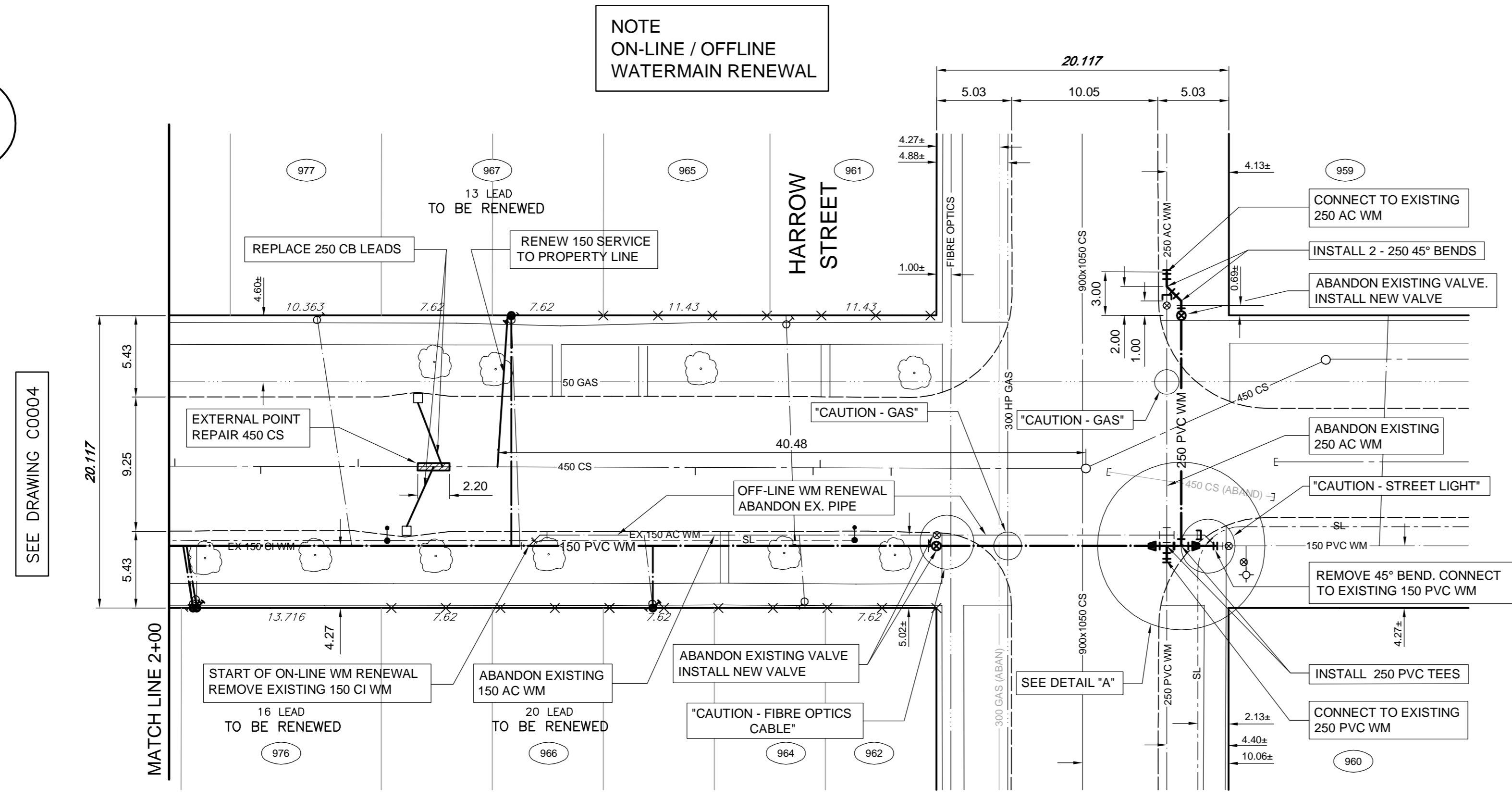


| HOUSE NO. | SIZE & TYPE | DISTANCE TO PL | STOP COCK LOCATION | | CORPORATION COCK LOCATION | COMMENTS |
|-----------------------------------|-------------|----------------|---------------------|-------------------|---------------------------|--------------------|
| | | | SHORT / LONG | | | |
| 959 DORCHESTER AVE. (RESIDENTIAL) | 25 COP | 0.7 | 3.05m W/EL OF HOUSE | 10.97m EEL HARROW | 0.61m W OF S/C | |
| 960 DORCHESTER AVE. (RESIDENTIAL) | 20 COP | 0.3 | 1.22m N/EL OF HOUSE | 13.41m EEL HARROW | 0.70m W OF S/C | |
| 961 DORCHESTER AVE. (RESIDENTIAL) | 20 COP | 0.3 | 0.61m E/WL OF HOUSE | 10.36m WWL HARROW | 1.22m E/WL OF HOUSE | DBL SERV WITH #965 |
| 962 DORCHESTER AVE. (RESIDENTIAL) | 20 COP | 0.45 | 2.59m W/EL OF HOUSE | 8.99m WWL HARROW | 3.05m W/EL OF HOUSE | |
| 965 DORCHESTER AVE. (RESIDENTIAL) | 20 COP | 0.6 | 2.44m E/EL OF HOUSE | 10.36m WWL HARROW | 3.05m E/EL OF HOUSE | DBL SERV WITH #961 |
| 966 DORCHESTER AVE. (RESIDENTIAL) | 20 LEAD | 0.3 | 1.22m W/EL OF HOUSE | 19.51m WWL HARROW | 0.61m E OF S/C | |
| 967 DORCHESTER AVE. (RESIDENTIAL) | 13 LEAD | 0.3 | 2.74m E/WL OF HOUSE | 29.26m WWL HARROW | 0.61m E OF S/C | |
| 976 DORCHESTER AVE. (RESIDENTIAL) | 16 LEAD | 0.3 | 0.91m W/WL OF HOUSE | 51.15m WWL HARROW | SAME AS S/C | |
| 977 DORCHESTER AVE. (RESIDENTIAL) | 20 COP | 0.3 | 2.74m E/WL OF HOUSE | 42.67m WWL HARROW | 2.44m E OF S/C | |

* SERVICE TO BE RENEWED. ALL OTHERS TO BE RECONNECTED

NOTE:
DORCHESTER AVENUE IS PART OF 2010 PAVEMENT RENEWAL PROJECT. FINAL SURFACE RESTORATION OF PAVEMENTS, BOULEVARDS, AND SIDEWALKS EXCAVATED FOR WATERMAIN AND SEWER RENEWAL CONSTRUCTION IN THIS PORTION OF DORCHESTER AVENUE WILL BE CARRIED OUT BY THE PAVEMENT RENEWAL CONTRACTOR.

NOTE
ON-LINE / OFFLINE
WATERMAIN RENEWAL



- 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. RENEW ALL LEAD WATER CONNECTIONS UP TO THE PROPERTY LINE WITH 20mm COPPER WATER CONNECTIONS UNLESS RENEWAL SIZE IS OTHERWISE NOTED.
 8. ALL VALVES SHALL TURN COUNTER CLOCKWISE TO CLOSE WITH RED OPERATING NUT.
 9. ALL BACKFILL UNDER PAVEMENT SHALL BE CLASS 3.
 10. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
 11. ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT ADMINISTRATOR.
 12. CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY DISRUPTION TO WATER SERVICE.
 13. ALL SEWER SERVICES TO BE TRACED AND LOCATIONS CONFIRMED PRIOR TO BEING REPLACED.

NOTE:
CHAINAGE IS ALONG SOUTH LIMIT OF DORCHESTER AVENUE RIGHT-OF-WAY.

DORCHESTER AVENUE

NOTES:
CONTRACTOR TO CONTACT THE GEOMATICS BRANCH 3 WORKING DAYS IN ADVANCE OF THE CONSTRUCTION TO PROVIDE THE SURVEY MONUMENT PROTECTION SERVICES REQUIRED.
PHONE: 918-1360
GEOMATICS JOB NUMBER - 20100290

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2011

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED |
|----------|---------------------|----------|----------------|-------------|----------|----------|-----------------|----------|
| 150 WM | WATERMAIN | --- | TEE | + | + | 15.240 | 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
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.

| NO. | REVISIONS | DATE | BY |
|-----|--------------------------|----------|-----|
| 02 | ISSUED FOR ADDENDUM No.1 | 10.05.27 | GS |
| 01 | ISSUED FOR TENDER | 10.05.14 | GS |
| 00 | ISSUED FOR APPROVAL | 10.05.13 | BLM |

WARDROP PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY
DESIGNED BY GWC CHECKED BY BLM
DRAWN BY NL APPROVED BY GS
HOR. SCALE: 1 : 250
VERTICAL: 1 : 50
DATE 10.03.23

ORIGINAL DRAWING REVISION "00" SEALED BY B.L. MCINTOSH, P. ENG. 2010.05.13
CONSULTANT DRAWING NO. 1000120100-DWG-C0005-02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2010 - WATERMAIN RENEWALS AND SEWER REHABILITATION CONTRACT 11
DORCHESTER AVENUE 100m EAST OF GUELPH STREET TO HARROW STREET
CITY DRAWING NUMBER D-12028 SHEET 5 OF 10
C0005