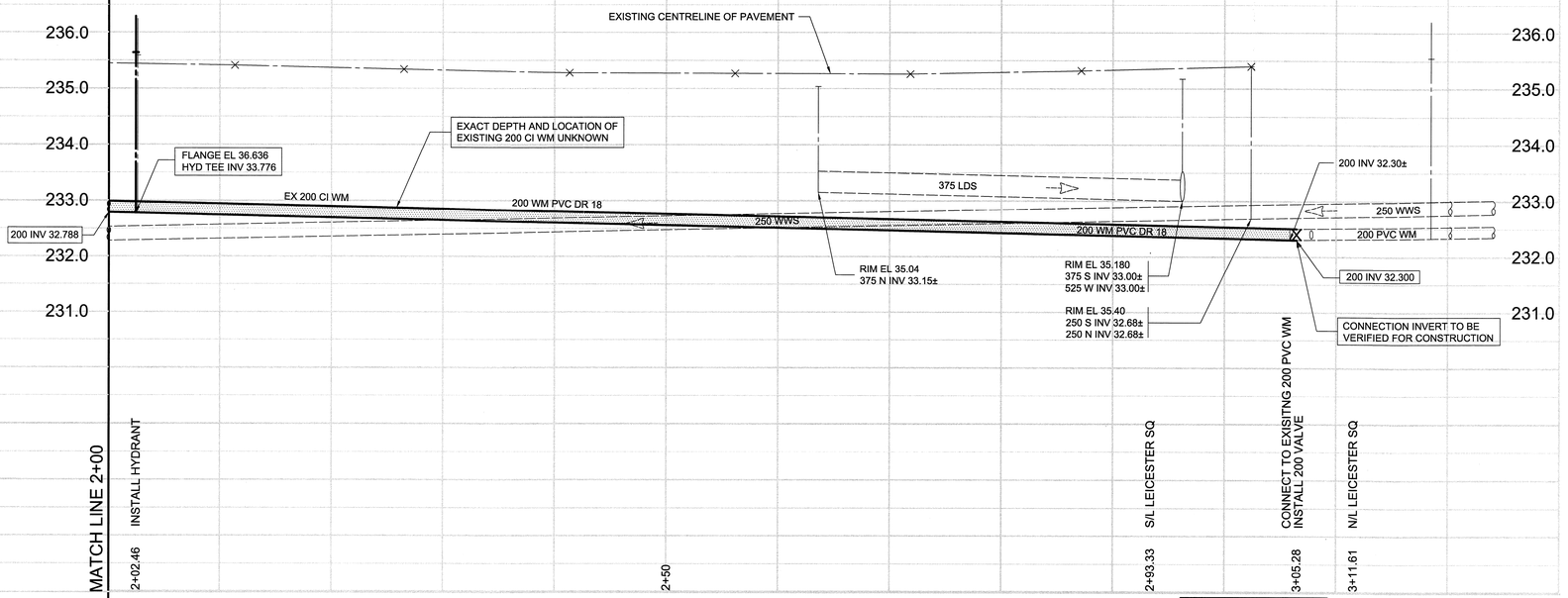
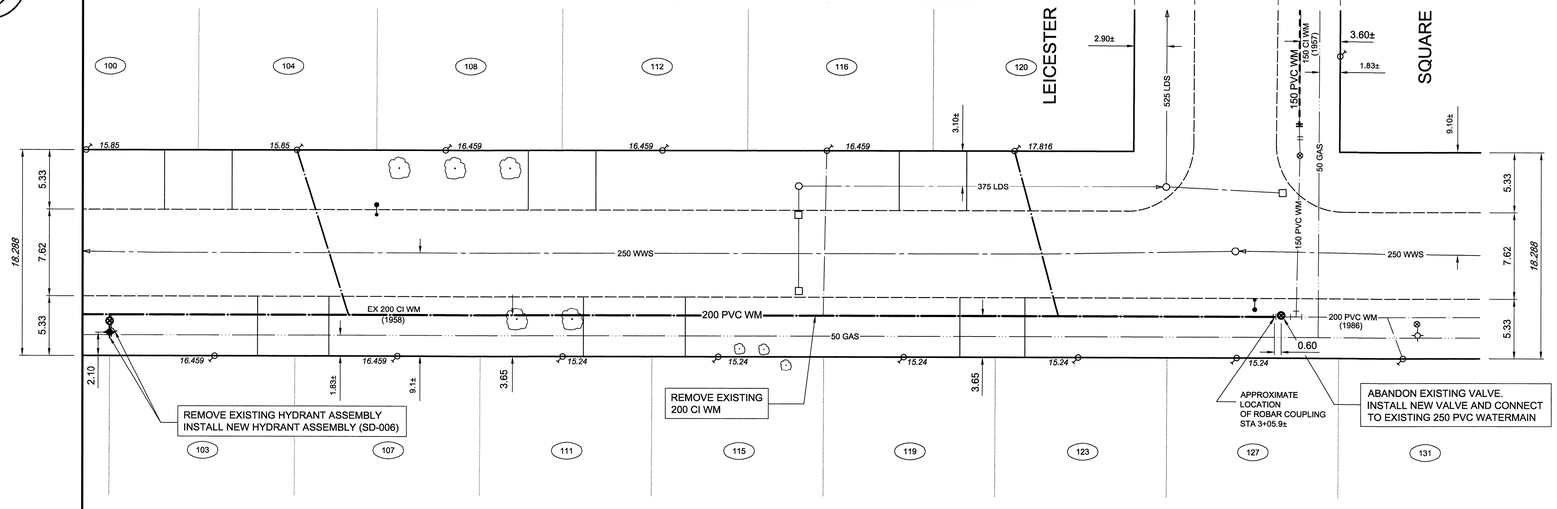


ON LINE RENEWAL
REMOVE EXISTING PIPE

NOTE:
RECONNECT ALL EXISTING COPPER SERVICES TO NEW WATERMAIN.
INSTALL ANODE AT EVERY COPPER WATER SERVICE CONNECTION TO NEW PVC WATERMAIN.

SEE DRAWING C0003



REMOVE EXISTING HYDRANT ASSEMBLY
INSTALL NEW HYDRANT ASSEMBLY (SD-006)

REMOVE EXISTING 200 CI WM

APPROXIMATE LOCATION OF ROBAR COUPLING STA 3+05.9±

ABANDON EXISTING VALVE.
INSTALL NEW VALVE AND CONNECT TO EXISTING 250 PVC WATERMAIN

WATER CONNECTION DATA					
ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
100 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	3.8 NSL BLDG -	-	-
103 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	7.6 NSL BLDG -	-	CON NEW MAIN SEP/85
104 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	5.7 NSL BLDG -	-	**RENEW SERVICE**
107 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	5.8 NSL BLDG -	-	-
108 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	4.7 NSL BLDG -	-	-
111 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	3.6 NSL BLDG -	-	-
112 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	5.8 NSL BLDG -	-	SERVICE BOX REPAIRS
115 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	3.1 NSL BLDG -	-	-
116 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	5.5 NSL BLDG -	0.3 S STOP OR 6.1 S OF N	-
119 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	3.1 NSL BLDG -	-	-
120 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	2.9 NSL BLDG -	-	REND S/C NOV 93 3 4CU CPLG 0.61E OF S/C **RENEW SERVICE**
123 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	3.2 NSL BLDG -	-	-
127 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	2.5 NSL BLDG -	-	-
131 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	1.3 NSL BLDG -	2.7 S 1ST HYDRANT N OF LEICESTER	-

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 WATERMAINS 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.
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

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			TREE		
400 FM	FEEDERMAIN		CURB STOP		15.240	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		ZINC ANODE			ASPHALT		
	HYDRANT		HYDRO POLE			CURB		
	VALVE		LIGHT STANDARD		66	ADDRESS		
	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.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
01	ISSUED FOR TENDER	11.04.05	KJM
00	ISSUED FOR APPROVAL	11.04.03	KJM

WARDROP — A TETRA TECH COMPANY
PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY

DESIGNED BY	GWC	CHECKED BY	KJM
DRAWN BY	GMD	APPROVED BY	GS
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 50		
DATE	11.02.13	DATE	

PROVINCE OF MANITOBA — K.J. McRAE — 2011/04/12 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1100120300-DWG-C0005-00

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS
CONTRACT 3

BOURKEWOOD PLACE
100m N OF BOURKEWOOD PLACE (S LEG) TO LEICESTER SQUARE

CITY DRAWING NUMBER
D-12356
SHEET 5 OF 12
C0005