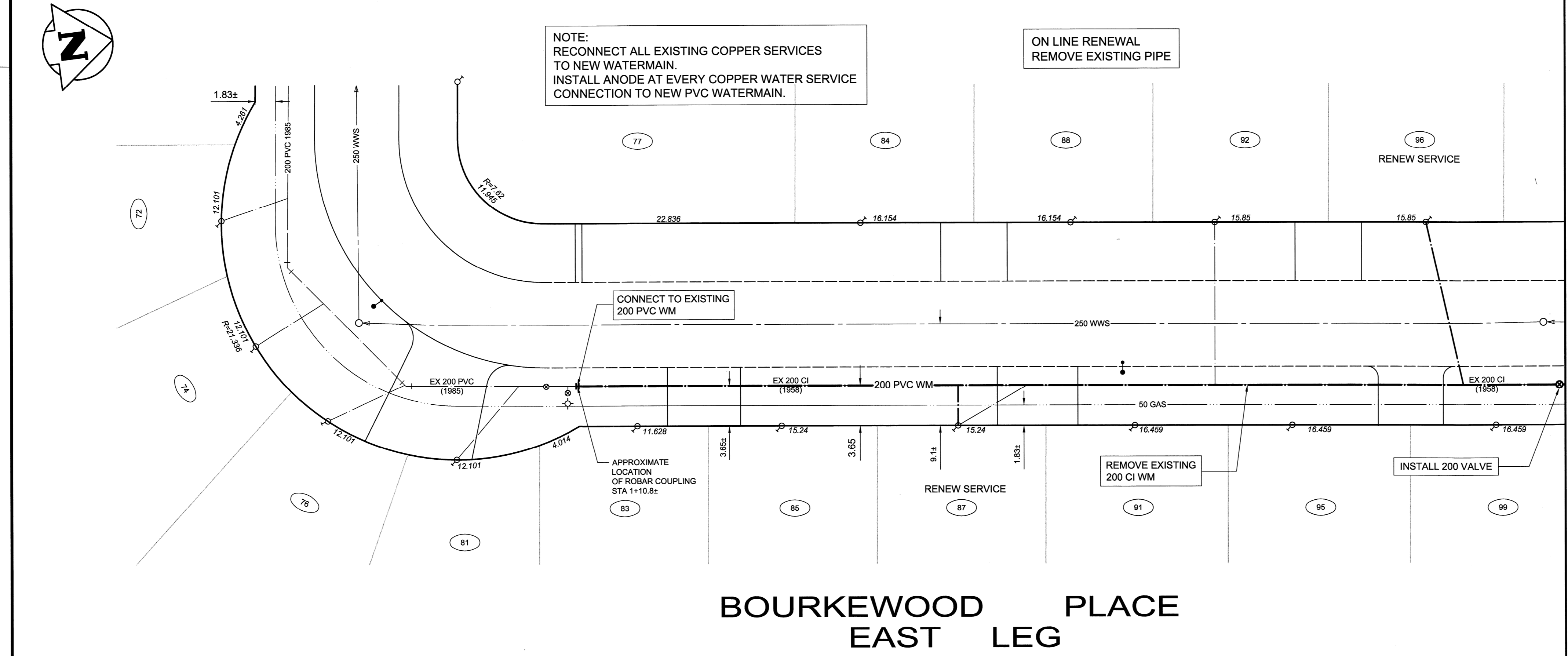


WATER CONNECTION DATA					
ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
77 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	1.2 EWL BLDG	26.2 S OF 1st HYDRANT E STRATHMILLAN	CON NEW MAIN SEP/85
83 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	5.0 NSL BLDG	-	-
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	RENEW SERVICE
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	-	RENEW SERVICE
99 BOURKEWOOD PL (RESIDENTIAL)	19 COPPER	-	4.8 NSL BLDG	-	-



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

ON LINE RENEWAL
REMOVE EXISTING PIPE

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.
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

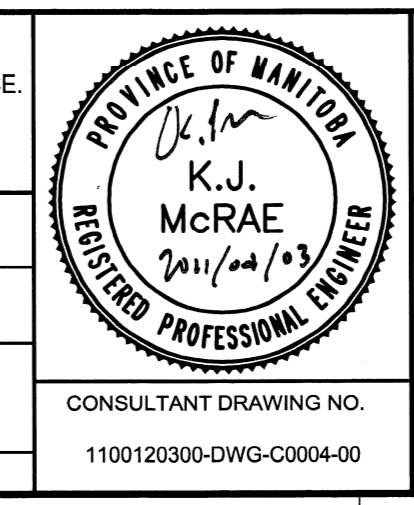
1. STATION 1+00 = NORTH LIMIT OF BOURKEWOOD PLACE (SOUTH LEG).

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		S.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.		
01 ISSUED FOR TENDER	11.04.05	
00 ISSUED FOR APPROVAL	11.04.03	
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	DATE	11.02.13



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS
CONTRACT 3

CITY DRAWING NUMBER
D-12355

SHEET 4 OF 12

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

C0004

CONSULTANT DRAWING NO.
1100120300-DWG-C0004-00