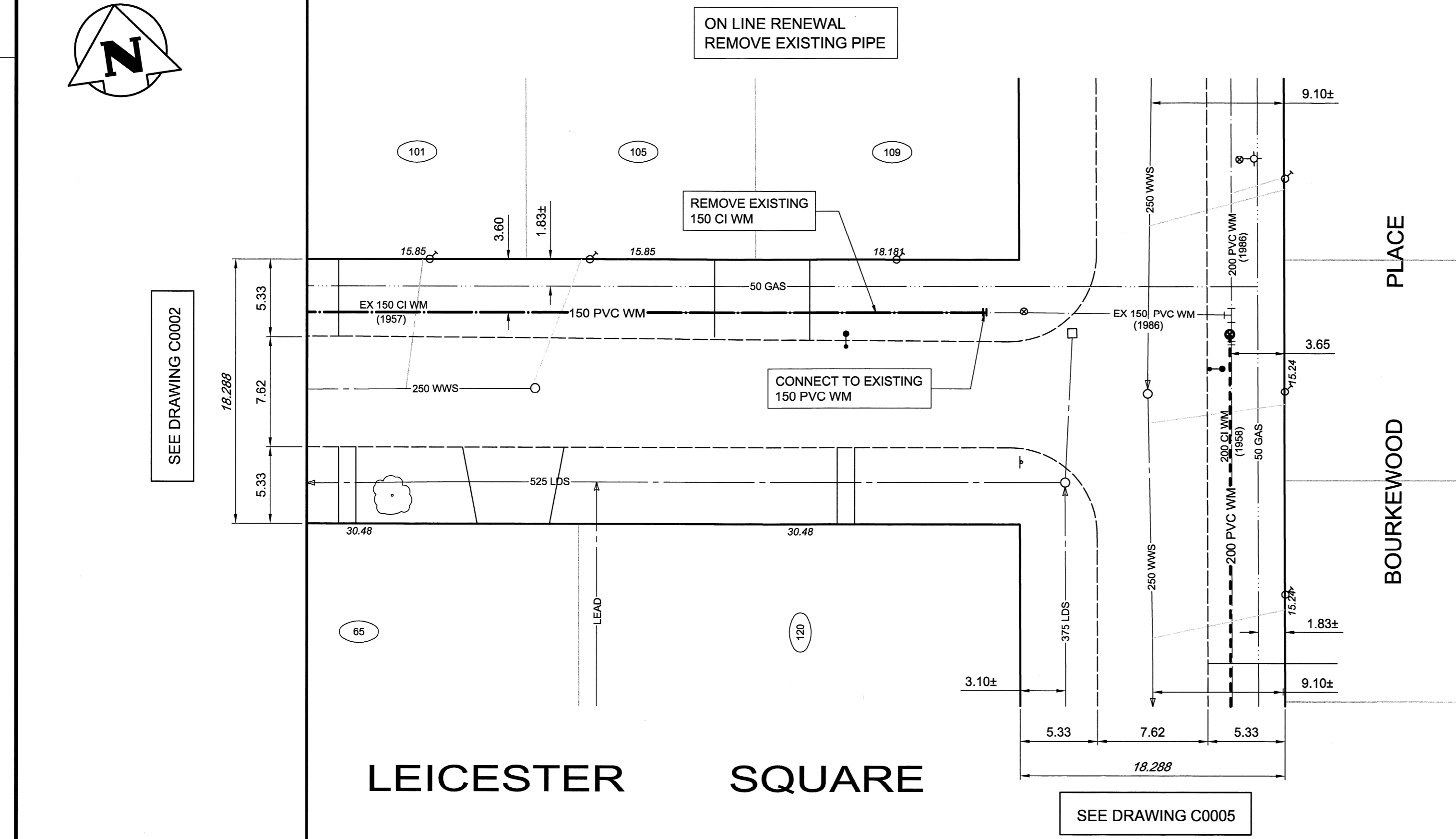
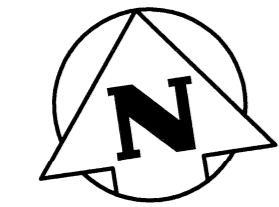


WATER CONNECTION DATA						
ADDRESS	SIZE & TYPE	DISTANCE TO PL.	STOP COCK LOCATION		CORPORATION COCK LOCATION	COMMENTS
			SHORT / LONG			
101 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	5.6 E OF W LINE OF BLDG		-	
105 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	2.7 E OF W SIDE OF BLDG		-	
109 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	5.5 E OF W SIDE OF BLDG		-	

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

NOTE:
CHAINAGE IS ALONG CENTRELINE OF PROPOSED 150 WATERMAIN.



- 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 = EAST LIMIT OF LEICESTER SQUARE (WEST 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

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.

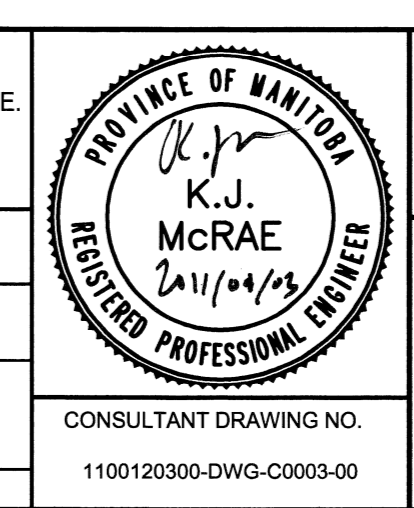
B.M. ELEV.	NO.	REVISIONS	DATE	BY
	01	ISSUED FOR TENDER	11.04.05	LJM
	00	ISSUED FOR APPROVAL	11.04.03	KJM

WARDROP PEOPLE. PASSION. PERFORMANCE. TRUSTED GLOBALLY.

DESIGNED BY: GWC CHECKED BY: KJM
 DRAWN BY: GMD APPROVED BY: GS

HOR. SCALE: 1 : 250
 VERTICAL: 1 : 50

RELEASED FOR CONSTRUCTION
 DATE: 11.02.13



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS CONTRACT 3

LEICESTER SQUARE (EAST LEG) TO BOURKEWOOD PLACE

CITY DRAWING NUMBER: D-12354
 SHEET 3 OF 12
 C0003

CONSULTANT DRAWING NO. 1100120300-DWG-C0003-00