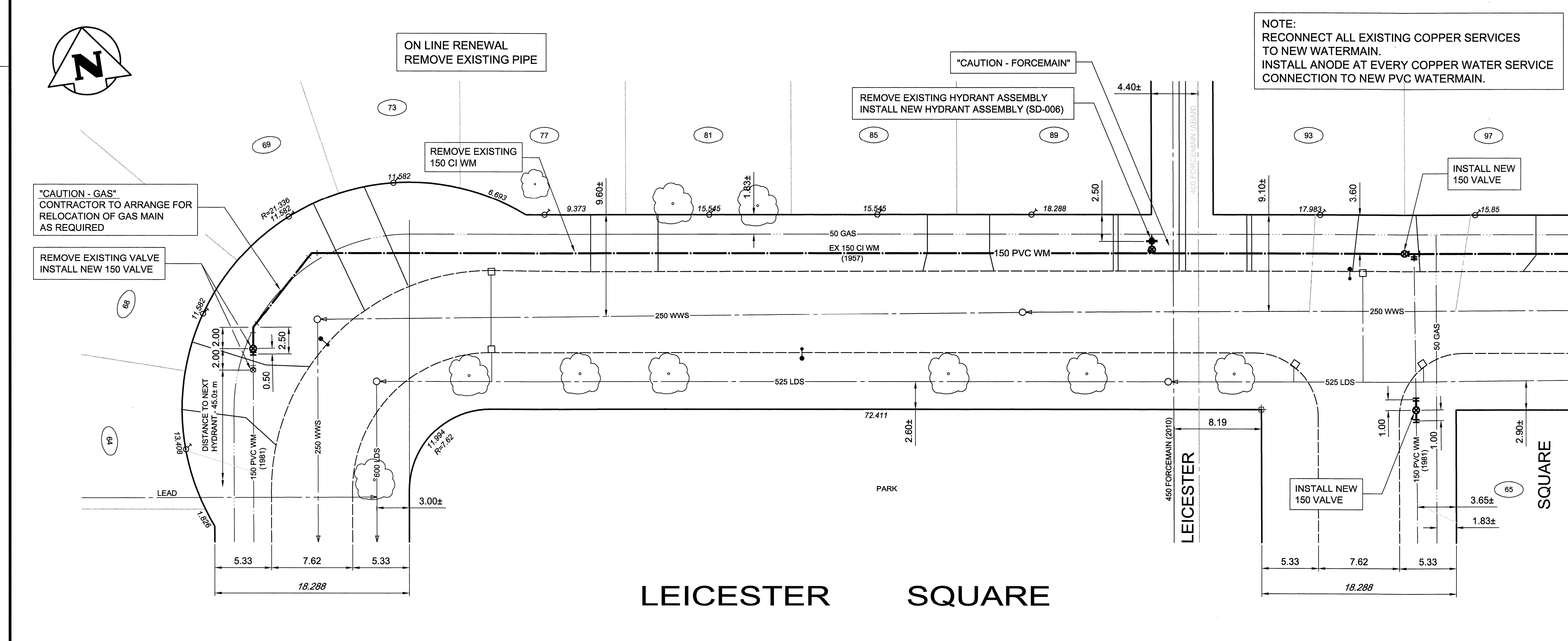


ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
64 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	1.9 N OF S SIDE OF BLDG	35.6 N OF 1ST HYD N OF SILEG LEICESTER SQ	
65 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	3.12 N OF S SIDE OF BLDG	71.9 N OF HYD ON ELEG LEICESTER SQ	
68 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	4.2 NE OF SW COR OF BLDG	-	
69 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	5.3 NE OF SW COR OF BLDG	-	
73 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	3.7 E OF W SIDE OF BLDG	-	
77 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	3.4 E OF W SIDE OF BLDG	-	
81 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	4.1 E OF W SIDE OF BLDG	-	
85 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	3.8 E OF W SIDE OF BLDG	-	
89 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	2.8 E OF W SIDE OF BLDG	-	
93 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	3.5 E OF W SIDE OF BLDG	-	
97 LEICESTER SQ (RESIDENTIAL)	19 COPPER	-	4.7 E OF W SIDE OF BLDG	-	



MATCH LINE 2+10

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).

SEE DRAWING C0003

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

SYMBOL	DESCRIPTION	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
---	150 WM	WATERMAIN	---	---	---	---	---	---	---	---	---	---
---	400 FM	FEEDERMAIN	---	---	---	---	---	---	---	---	---	---
---	300 LDS	LAND DRAINAGE SEWER	---	---	---	---	---	---	---	---	---	---
---	250 WWS	WASTEWATER SEWER	---	---	---	---	---	---	---	---	---	---
---	300 CS	COMBINED SEWER	---	---	---	---	---	---	---	---	---	---
---	200 FCM	FORCEMAIN	---	---	---	---	---	---	---	---	---	---
---	---	REDUCER	---	---	---	---	---	---	---	---	---	---
---	---	HYDRANT	---	---	---	---	---	---	---	---	---	---
---	---	VALVE	---	---	---	---	---	---	---	---	---	---
---	---	BEND	---	---	---	---	---	---	---	---	---	---
---	---	ANCHOR	---	---	---	---	---	---	---	---	---	---
---	---	TEE	---	---	---	---	---	---	---	---	---	---
---	---	CURB STOP	---	---	---	---	---	---	---	---	---	---
---	---	PLUG	---	---	---	---	---	---	---	---	---	---
---	---	MANHOLE	---	---	---	---	---	---	---	---	---	---
---	---	CATCHBASIN	---	---	---	---	---	---	---	---	---	---
---	---	CURB INLET	---	---	---	---	---	---	---	---	---	---
---	---	ZINC ANODE	---	---	---	---	---	---	---	---	---	---
---	---	HYDRO POLE	---	---	---	---	---	---	---	---	---	---
---	---	LIGHT STANDARD	---	---	---	---	---	---	---	---	---	---
---	---	ANCHOR	---	---	---	---	---	---	---	---	---	---

LOCATION APPROVED UNDERGROUND STRUCTURES
DATE: _____
SUPV. U/G STRUCTURES COMMITTEE: _____

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.

WARDROP
A TRITRATEGY COMPANY

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

DATE: 11.04.05
DATE: 11.04.03

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

RELEASED FOR CONSTRUCTION

CONSULTANT DRAWING NO.
1100120300-DWG-C0002-00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS
CONTRACT 3

CITY DRAWING NUMBER
D-12353

SHEET
2 OF 12

C0002