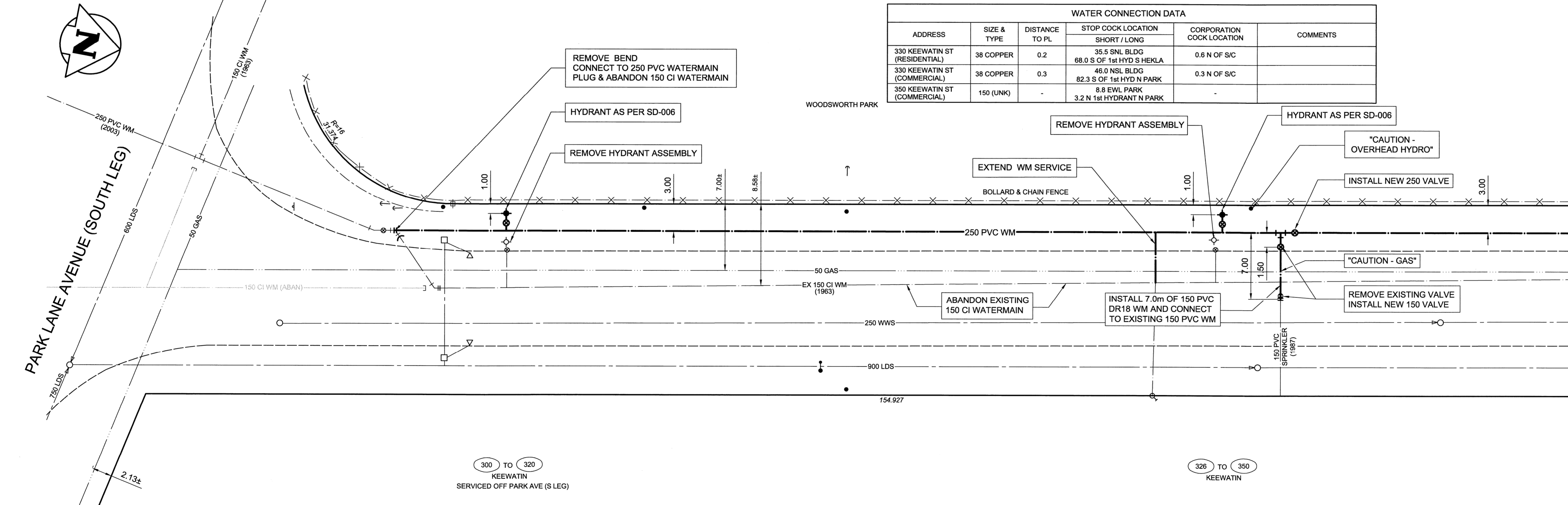


NOTE:  
OFFLINE WATERMAIN RENEWAL.  
ABANDON EXISTING PIPE

NOTE:  
CHAINAGE IS ALONG WEST LIMIT OF  
PARK LANE AVENUE RIGHT-OF-WAY.

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



ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
330 KEEWATIN ST (RESIDENTIAL)	38 COPPER	0.2	35.5 SNL BLDG 68.0 S OF 1st HYD S HEKLA	0.6 N OF SIC	
330 KEEWATIN ST (COMMERCIAL)	38 COPPER	0.3	48.0 NSL BLDG 82.3 S OF 1st HYD N PARK	0.3 N OF SIC	
350 KEEWATIN ST (COMMERCIAL)	150 (LNK)	-	8.8 EWL PARK 3.2 N 1st HYDRANT N PARK	-	

- 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 CLOCKWISE TO CLOSE WITH BLACK 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 = SOUTHEAST CORNER OF PARK AVENUE W (SOUTH LEG) AND PARK AVENUE W.

# PARK LANE AVENUE

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

150 WM	WATERMAIN	150 WM	TEE	TREE
400 FM	FEEDERMAIN	400 FM	CURB STOP	LEGAL DIMENSION
300 LDS	LAND DRAINAGE SEWER	300 LDS	PLUG	SURVEY BAR
250 WWS	WASTEWATER SEWER	250 WWS	MANHOLE	TRAFFIC SIGNAL
300 CS	COMBINED SEWER	300 CS	CATCHBASIN	GAS
200 FCM	FORCEMAIN	200 FCM	CURB INLET	HYDRO
REDUCER	REDUCER	ZINC ANODE	ZINC ANODE	ASPHALT
HYDRANT	HYDRANT	HYDRO POLE	HYDRO POLE	CURB
VALVE	VALVE	LIGHT STANDARD	LIGHT STANDARD	ADDRESS
BEND	BEND	ANCHOR	ANCHOR	SIGN
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN
PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING

LOCATION APPROVED  
UNDERGROUND STRUCTURES

SUPV. / U/G STRUCTURES DATE 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 EXISTENCES AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.	ELEV.

**WARDROP**  
A TETRA TECH COMPANY

PEOPLE, PASSION, PERFORMANCE.  
TRUSTED GLOBALLY

DESIGNED BY: GWC  
CHECKED BY: KJM

DRAWN BY: GMD/NL  
APPROVED BY: GS

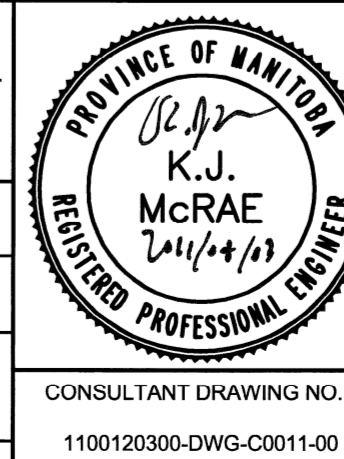
HOR. SCALE: 1 : 250  
VERTICAL: 1 : 50

ISSUED FOR TENDER: 11.04.05  
ISSUED FOR APPROVAL: 11.04.03

RELEASED FOR CONSTRUCTION: [Signature]

NO. REVISIONS: [Signature]

DATE: 11.02.10



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS  
CONTRACT 3

PARK LANE AVENUE  
PARK LANE AVENUE (SOUTH LEG) TO  
150m NORTH OF PARK LANE AVE (SOUTH LEG)

CITY DRAWING NUMBER: D-12362  
SHEET 11 OF 12  
C0011