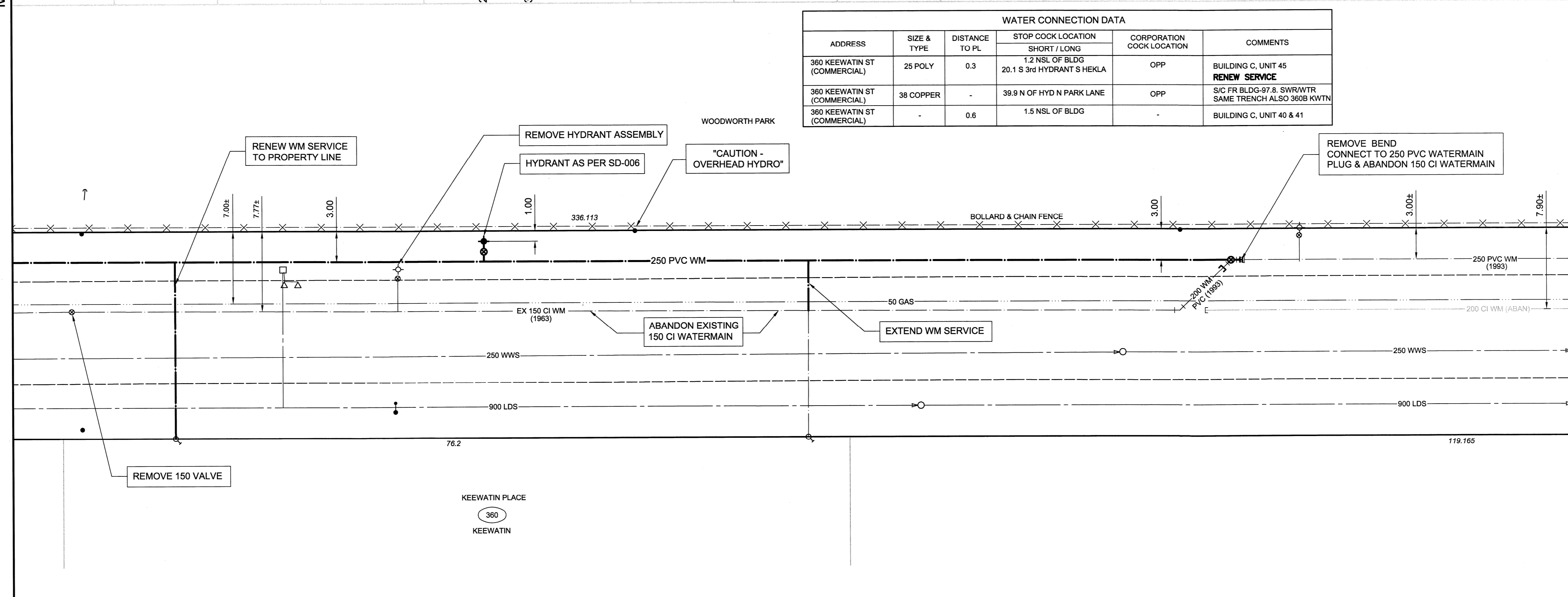
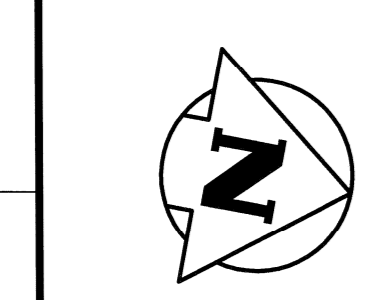


NOTE:
OFFLINE WATERMAIN RENEWAL.
ABANDON EXISTING PIPE

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.

WATER CONNECTION DATA					
ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION	CORPORATION COCK LOCATION	COMMENTS
			SHORT / LONG		
380 KEEWATIN ST (COMMERCIAL)	25 POLY	0.3	1.2 NSL OF BLDG 20.1 S 3rd HYDRANT S HEKLA	OPP	BUILDING C, UNIT 45 RENEW SERVICE
380 KEEWATIN ST (COMMERCIAL)	38 COPPER	-	38.9 N OF HYD N PARK LANE	OPP	S/C FR BLDG 87.8 SWR/WTR SAME TRENCH ALSO 360B KWTN
380 KEEWATIN ST (COMMERCIAL)	-	0.6	1.5 NSL OF BLDG	-	BUILDING C, UNIT 40 & 41



- 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

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

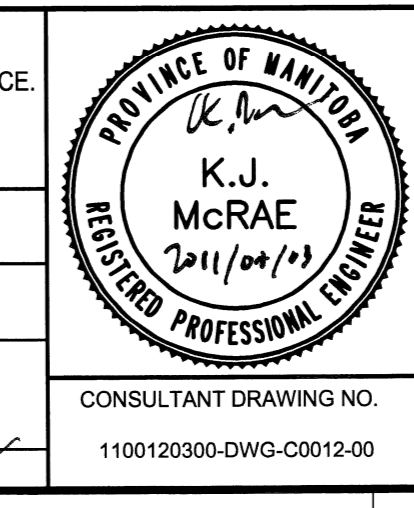
LOCATION APPROVED UNDERGROUND STRUCTURES

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.

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

DESIGNED BY	GWC	CHECKED BY	KJM
DRAWN BY	GMD/NL	APPROVED BY	GS
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 50	DATE	11.02.10



WARDROP PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY.

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS CONTRACT 3

PARK LANE AVENUE 150m NORTH OF PARK LANE (SOUTH LEG) TO 268m NORTH OF PARK LANE (SOUTH LEG)

CITY DRAWING NUMBER D-12363 SHEET 12 OF 12

CONSULTANT DRAWING NO. 1100120300-DWG-C0012-00

C0012