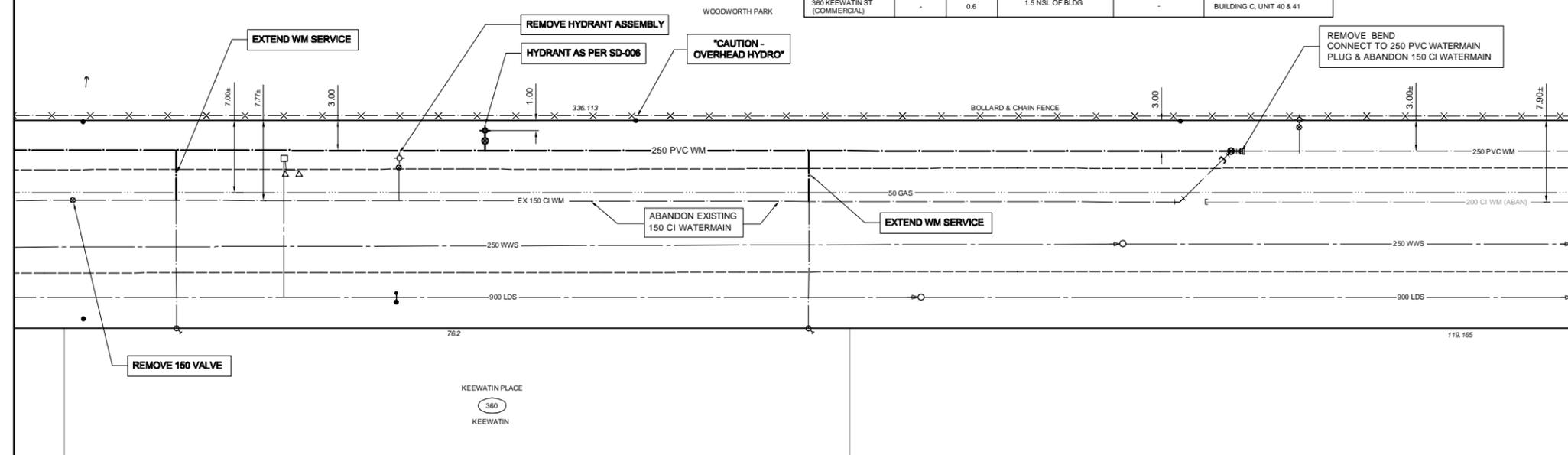


NOTE:
OFFLINE WATERMAIN RENEWAL
ABANDON EXISTING PIPE

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 SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
360 KEEWATIN ST (COMMERCIAL)	25 POLY	0.3	1.2 NSL OF BLDG	OPP	BUILDING C, UNIT 45
360 KEEWATIN ST (COMMERCIAL)	38 COPPER	-	20.1 S 3rd HYDRANT S HEKLA	OPP	S/C FR BLDG 97.8 SWRWTR SAME TRENCH ALSO 360B KWTN
360 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

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

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

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPPLY 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
	00	ISSUED FOR APPROVAL	11.03.18	

WARDROP
A TETRATECH COMPANY

PEOPLE. PASSION. PERFORMANCE.
TRUSTED GLOBALLY

DESIGNED BY: GWC
DRAWN BY: GMD/NL

CHECKED BY: KJM
APPROVED BY: GS

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

RELEASED FOR CONSTRUCTION

CONSULTANT DRAWING NO. 1100120300-DWG-C0012-00

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
K.J. McRAE

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
C0012