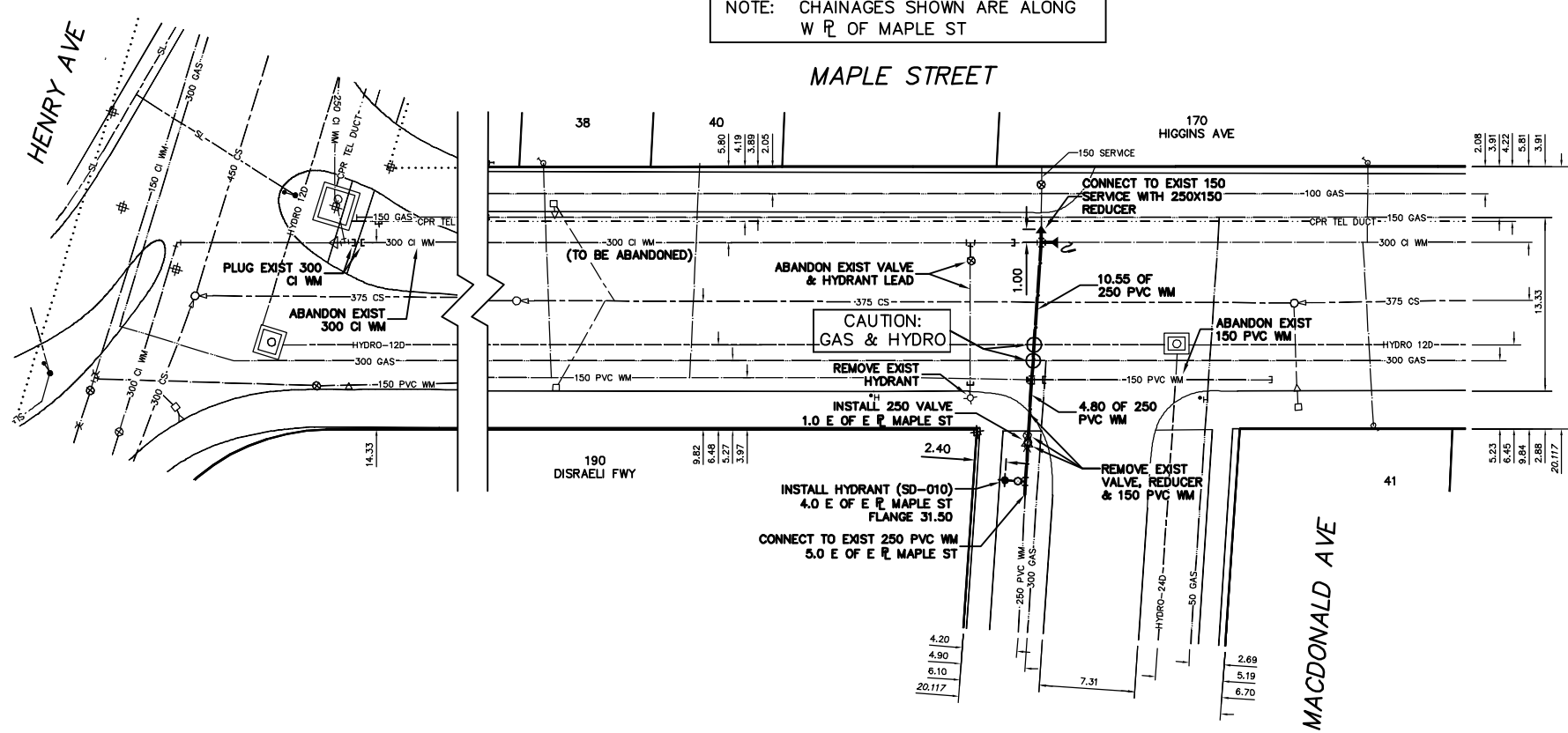


NOTE: CHAINAGES SHOWN ARE ALONG W P L OF MAPLE ST



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
38 MAPLE ST	20 COPPER	20 COPPER	0.68 NSL HSE	0.6 N OF S/C	-
40 MAPLE ST	20 COPPER	20 COPPER	33.20 SSL MACDONALD	-	SERVICE CUT-OFF
RESIDENTIAL	20 COPPER	20 COPPER	-	-	-
41 MAPLE ST	25 COPPER	25 COPPER	5.48 SNL BLDG	0.8 S OF S/C	-
COMMERCIAL	25 COPPER	25 COPPER	10.19>NNL MACDONALD	-	-
143 HENRY AVE	-	-	-	-	SERVICED OFF MAPLE
COMMERCIAL	-	-	-	-	-
170 HIGGINS AVE	20 LEAD	20 LEAD	14.46 NSL BLDG	OPP S/C	SERVICED OFF MAPLE
COMMERCIAL	150 LEAD	150 LEAD	9.60>NNL MACDONALD	OPP VALVE	SERVICED OFF MAPLE
170 HIGGINS AVE	150 COPPER	150 COPPER	10.42 SSL BLDG	OPP VALVE	RECONNECT SERVICE
COMMERCIAL	150 COPPER	150 COPPER	4.85 NSL MACDONALD	OPP S/C	SERVICED OFF MAPLE
190 DISRAELI FWY	50 COPPER	50 COPPER	9.01 NSL BLDG	OPP VALVE	SERVICED OFF MAPLE
COMMERCIAL	150 COPPER	150 COPPER	50.25 SSL MACDONALD	OPP VALVE	SERVICED OFF MAPLE
190 DISRAELI FWY	150 PVC	150 PVC	23.0 SNL BLDG	OPP VALVE	SERVICED OFF MAPLE
SPRINKLER	150 PVC	150 PVC	48.31 SSL MACDONALD	-	-

* SERVICES TO BE RENEWED TO R UPON CONFIRMATION BY THE CONTRACTOR OF EXISTING LEAD SERVICE. OBTAIN APPROVAL FROM CONTRACT ADMINISTRATOR PRIOR TO RENEWAL.

CONSTRUCTION NOTES

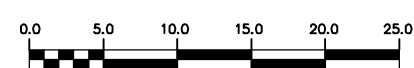
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTE: ALL VALVES TO BE INSTALLED CLOCKWISE TO CLOSE

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS



200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	MTS	+	HYDRANT	+
o	VALVE	o	TRAFFIC SIGNALS	+	VALVE	+
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
o	MANHOLE	o	FENCE	x	PROFILE	x
□	CATCH BASIN	□	POLE - HYDRO, MTS	—	GROUND ABOVE PIPE	—
▽	CURB INLET	▽	CURB STOP	⊕	DITCH (NORTH & WEST)	⊕
∇	REDUCER	∇	GUY ANCHOR	⊖	DITCH (SOUTH & EAST)	⊖
X	COUPLER	X	LIGHT STANDARD	⊙	GUTTER (NORTH & WEST)	⊙
⊙	ANODE	⊙	TREE	⊙	GUTTER (SOUTH & EAST)	⊙
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
				LEGEND-PROFILE	PROPOSED	

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.	FIELD BOOK #
POSTED TO LBS	
NO.	REVISIONS
DATE	BY

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY AS
CHECKED BY SC/KZ

DRAWN BY CJH
APPROVED BY KZ

HOR. SCALE 1:250
VERTICAL 1:50

RELEASED FOR CONSTRUCTION
K.R. ZUREK

DATE 2009 09 01 DATE 2009 09 01

ENGINEER'S SEAL

ORIGINAL SIGNED BY A. SINGBEIL
09/09/01

BID OPPORTUNITY 667-2009
FILENAME : D-11858.dwg
PLOT DATE : 2009 09 02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2009 WATERMAIN RENEWALS
CONTRACT 44
MAPLE STREET
AT INTERSECTION WITH
MACDONALD AVENUE

SHEET 4 of 4
CITY DRAWING NUMBER
D-11858