

ADDRESS	SIZE	Ø DIST
200 GARFIELD ST	RESIDENTIAL	2.34 S OF NL
201 GARFIELD ST	RESIDENTIAL	16.71 N MH AT WESTMINSTER
202 GARFIELD ST	RESIDENTIAL	16.10 N MH AT WESTMINSTER
203 GARFIELD ST	RESIDENTIAL	2.83 S OF NL
204 GARFIELD ST	RESIDENTIAL	27.38 N MH AT WESTMINSTER
205 GARFIELD ST	RESIDENTIAL	3.42 S OF NL
206 GARFIELD ST	RESIDENTIAL	26.77 N MH AT WESTMINSTER
207 GARFIELD ST	RESIDENTIAL	3.53 S OF NL
208 GARFIELD ST	RESIDENTIAL	36.83 N MH AT WESTMINSTER
209 GARFIELD ST	RESIDENTIAL	5.29 N OF SL
210 GARFIELD ST	RESIDENTIAL	47.19 N MH AT WESTMINSTER
211 GARFIELD ST	RESIDENTIAL	6.41 S OF NL
212 GARFIELD ST	RESIDENTIAL	37.44 N MH AT WESTMINSTER
213 GARFIELD ST	RESIDENTIAL	2.23 S OF NL
214 GARFIELD ST	RESIDENTIAL	57.95 N MH AT WESTMINSTER
215 GARFIELD ST	RESIDENTIAL	2.29 S OF NL
216 GARFIELD ST	RESIDENTIAL	67.82 N MH AT WESTMINSTER
217 GARFIELD ST	RESIDENTIAL	ON N L
218 GARFIELD ST	RESIDENTIAL	67.00 N MH AT WESTMINSTER
219 GARFIELD ST	RESIDENTIAL	NO INFORMATION AVAILABLE
220 GARFIELD ST	RESIDENTIAL	2.53 S OF NL
221 GARFIELD ST	RESIDENTIAL	77.67 N MH AT WESTMINSTER
222 GARFIELD ST	RESIDENTIAL	ON N L
223 GARFIELD ST	RESIDENTIAL	5.43 N 1ST MH N WESTMINSTER
224 GARFIELD ST	RESIDENTIAL	2.69 S OF NL
225 GARFIELD ST	RESIDENTIAL	87.12 N MH AT WESTMINSTER
226 GARFIELD ST	RESIDENTIAL	1.26 S OF NL (DBL W/239)
227 GARFIELD ST	RESIDENTIAL	5.71 N 1ST MH N WESTMINSTER
228 GARFIELD ST	RESIDENTIAL	2.88 S OF NL
229 GARFIELD ST	RESIDENTIAL	6.31 N 1ST MH N WESTMINSTER
230 GARFIELD ST	RESIDENTIAL	1.26 S OF SL (DBL W/235)
231 GARFIELD ST	RESIDENTIAL	5.71 N 1ST MH N WESTMINSTER
232 GARFIELD ST	RESIDENTIAL	2.29 N OF SL
233 GARFIELD ST	RESIDENTIAL	14.41 N 1ST MH N WESTMINSTER

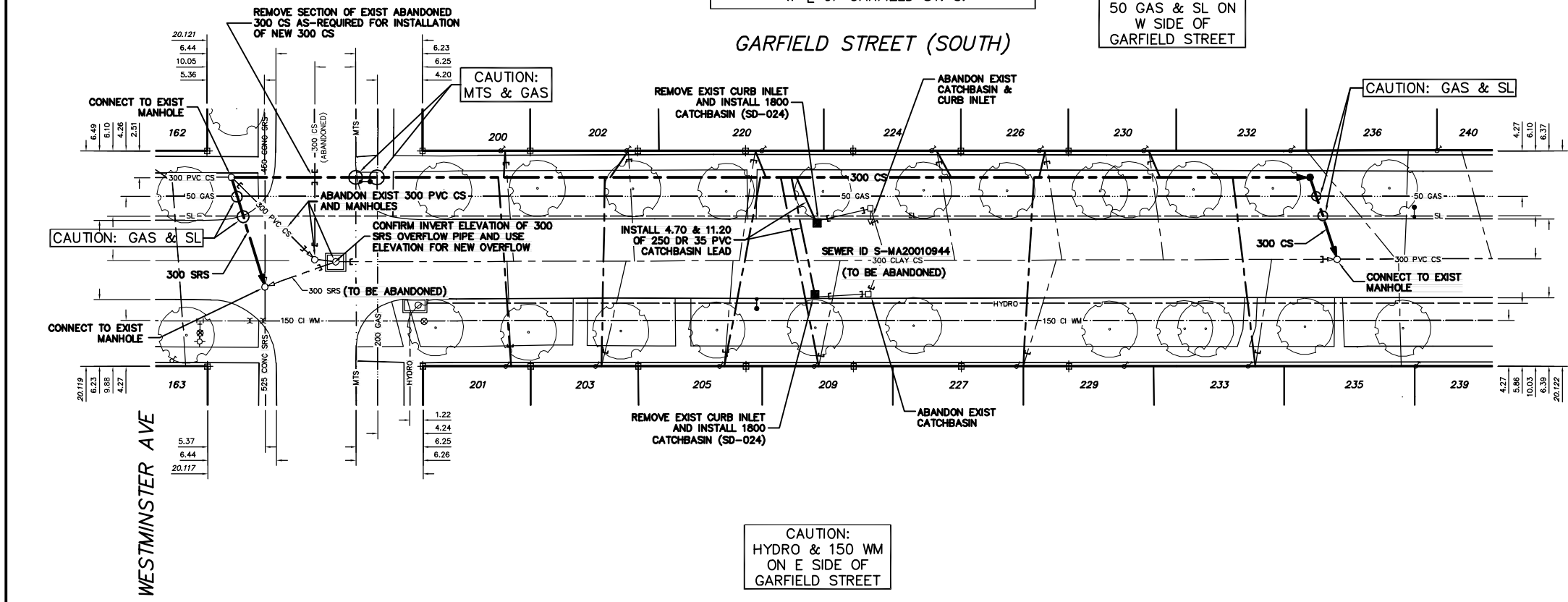
ADDRESS	SIZE	SIZE	SHORT & LONG MEASUREMENT	CORP	REMARKS
200 GARFIELD ST	RESIDENTIAL	COPPER LEAD	7.31 N OF WESTMINSTER	OPP S/C	-
201 GARFIELD ST	RESIDENTIAL	COPPER LEAD	7.73 N OF WESTMINSTER	OPP S/C	-
202 GARFIELD ST	RESIDENTIAL	COPPER LEAD	19.04 N OF WESTMINSTER	OPP S/C	-
203 GARFIELD ST	RESIDENTIAL	COPPER LEAD	16.11 N OF WESTMINSTER	OPP S/C	-
204 GARFIELD ST	RESIDENTIAL	COPPER LEAD	27.69 N OF WESTMINSTER	OPP S/C	-
205 GARFIELD ST	RESIDENTIAL	COPPER LEAD	27.69 N OF WESTMINSTER	OPP S/C	-
206 GARFIELD ST	RESIDENTIAL	COPPER LEAD	36.83 N OF WESTMINSTER	OPP S/C	-
207 GARFIELD ST	RESIDENTIAL	COPPER LEAD	31.69 N OF WESTMINSTER	OPP S/C	-
208 GARFIELD ST	RESIDENTIAL	COPPER LEAD	47.54 N OF WESTMINSTER	OPP S/C	-
209 GARFIELD ST	RESIDENTIAL	COPPER LEAD	57.60 N OF WESTMINSTER	OPP S/C	-
210 GARFIELD ST	RESIDENTIAL	COPPER LEAD	57.60 N OF WESTMINSTER	OPP S/C	-
211 GARFIELD ST	RESIDENTIAL	COPPER LEAD	65.43 N OF WESTMINSTER	OPP S/C	-
212 GARFIELD ST	RESIDENTIAL	COPPER LEAD	65.49 N OF WESTMINSTER	OPP S/C	-
213 GARFIELD ST	RESIDENTIAL	COPPER LEAD	67.35 N OF WESTMINSTER	OPP S/C	-
214 GARFIELD ST	RESIDENTIAL	COPPER LEAD	81.08 N OF WESTMINSTER	OPP S/C	-
215 GARFIELD ST	RESIDENTIAL	COPPER LEAD	77.07 N OF WESTMINSTER	OPP S/C	-
216 GARFIELD ST	RESIDENTIAL	COPPER LEAD	92.63 N OF WESTMINSTER	OPP S/C	-
217 GARFIELD ST	RESIDENTIAL	COPPER LEAD	92.63 N OF WESTMINSTER	OPP S/C	-
218 GARFIELD ST	RESIDENTIAL	COPPER LEAD	94.76 N OF WESTMINSTER	OPP S/C	-
219 GARFIELD ST	RESIDENTIAL	COPPER LEAD	94.76 N OF WESTMINSTER	OPP S/C	-
220 GARFIELD ST	RESIDENTIAL	COPPER LEAD	94.76 N OF WESTMINSTER	OPP S/C	-

NOTE: CHAINAGES SHOWN ARE ALONG W P OF GARFIELD ST. S.

CAUTION: 50 GAS & SL ON W SIDE OF GARFIELD STREET

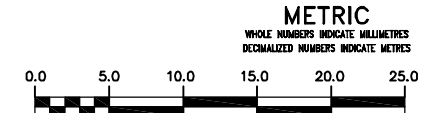


GARFIELD STREET (SOUTH)



- CONSTRUCTION NOTES:
- RENEW SEWER BY TRENCHLESS METHODS.
 - CONFIRM THE LOCATION OF ALL SEWER SERVICES WITHIN LIMITS OF RENEWAL.
 - RENEW SEWER SERVICES TO P.
 - BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 m OF PAVEMENT TO BE CLASS 3.
 - BACKFILL IN BOULEVARD TO BE CLASS 5.
 - SEWER SERVICES TO BE INSTALLED AT A MINIMUM 1.0% SLOPE.
 - INSTALL SEWER SERVICE RISERS WHEN SEWER EXCEEDS 4.25 m IN DEPTH.

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	⊕
⊕	VALVE	⊕	TRAFFIC SIGNALS	⊕	VALVE	⊕
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	○	FENCE	⊕	PROFILE	⊕
□	CATCH BASIN	□	POLE - HYDRO, MTS	⊕	GROUND ABOVE PIPE	⊕
▽	CURB INLET	▽	CURB STOP	⊕	? DITCH (NORTH & WEST)	⊕
⊕	JUNCTIONS	⊕	GUY ANCHOR	⊕	? DITCH (SOUTH & EAST)	⊕
⊕	CULVERT	⊕	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕
⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.	FIELD BOOK #	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION	ENGINEER'S SEAL
SUPV. U/G STRUCTURES COMMITTEE	POSTED TO LBS			ORIGINAL SIGNED BY S.R.J. COURNOYER 07/12/03
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.	DESIGNED BY: SC	CHECKED BY: TW	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT 2007 SEWER RENEWALS AND REPAIRS CONTRACT 17 GARFIELD STREET (SOUTH) MH N @ WESTMINSTER AVENUE TO 1ST MH N OF WESTMINSTER AVENUE	SHEET 1 OF 9 CITY DRAWING NUMBER 07093
	DRAWN BY: CJH	APPROVED BY: KZ		
	HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION	BID OPPORTUNITY: B17-2007	
	VERTICAL: 1:50		FILENAME: 07093.dwg	
	NO. REVISIONS	DATE	PLOT DATE: 2007 12 03	