

- CONSTRUCTION NOTES:**
1. INSTALL WWS USING TRENCHLESS METHODS.
 2. CONFIRM THE LOCATION OF ALL SERVICES.
 3. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
 4. BACKFILL IN BOULEVARD TO BE CLASS 5.
 5. DO NOT REMOVE EXISTING TREES. PROVIDE TREE PROTECTION IN ACCORDANCE WITH SPECIFICATIONS.

1+94.69 INSTALL MH (SD-010)
1+96.409 P.I.

1+98.710 L.B. (W P IRVING PL)
2+00.02 INSTALL 250X250X150 TEE W/PLUG

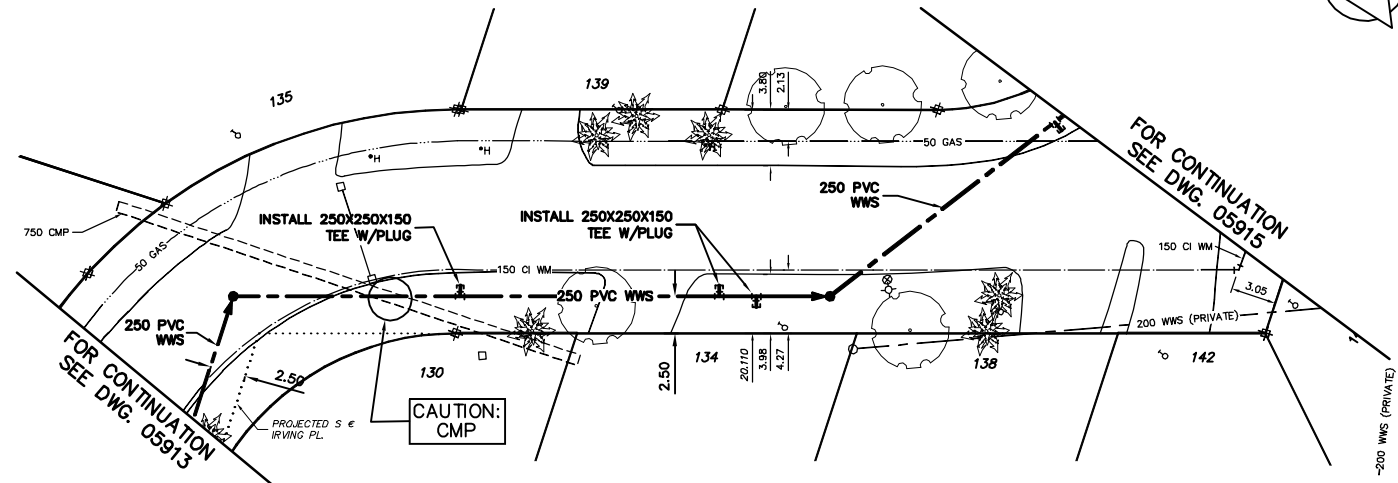
2+17.52 INSTALL 250X250X150 TEE W/PLUG
2+20.02 INSTALL 250X250X150 TEE W/PLUG

2+25 INSTALL MH (SD-010)
2+26.54 EXIST MH

2+90
2+94.401 L.B. (W P IRVING PL)

NOTE: CHAINAGES SHOWN ARE ALONG W & S P OF IRVING PL.

IRVING PLACE



SEWER JUNCTION INFORMATION *
SEWER ID 18718

DISTANCE FROM MH ID 18711			
11.70	W	150	SOUTH CN
18.60	W	150	NORTH CN
21.60	W	250	NORTH CN
26.70	W	150	SOUTH CN
35.90	W	150	SOUTH CN1
40.90	W	150	SOUTH CN
48.60	W	150	SOUTH CN
56.20	W	150	SOUTH CN
64.10	W	150	SOUTH CN

* INFORMATION FROM SEWER VIDEO INSPECTION

SEWER SERVICE INFORMATION

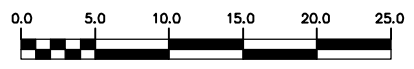
ADDRESS	SIZE	€ DIST	JUNCTION TIE
131 IRVING PL	RESIDENTIAL	-	-
134 IRVING PL	RESIDENTIAL	-	-
135 IRVING PL	RESIDENTIAL	-	-
138 IRVING PL	RESIDENTIAL	-	-
139 IRVING PL	RESIDENTIAL	-	-
142 IRVING PL	RESIDENTIAL	-	-
144 IRVING PL	RESIDENTIAL	-	-
146 IRVING PL	RESIDENTIAL	-	-
149 IRVING PL	RESIDENTIAL	-	-

WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION
134 IRVING PL	20 COPPER	20 COPPER	3.05 NSL HSE	-
135 IRVING PL	20 COPPER	20 COPPER	4.87 N OF SE	-
138 IRVING PL	20 COPPER	20 COPPER	6.95 S OF N	OPP SL GARAGE
139 IRVING PL	20 COPPER	20 COPPER	3.96 NSL HSE	-
142 IRVING PL	20 COPPER	20 COPPER	8.36 N OF SE	-
144 IRVING PL	20 COPPER	20 COPPER	1.30 WEL HSE	-
146 IRVING PL	20 COPPER	20 COPPER	6.93 N OF SE	-
148 IRVING PL	20 COPPER	20 COPPER	2.21 SNL HSE	-
149 IRVING PL	20 COPPER	20 COPPER	3.66 S OF N	-
149 IRVING PL	20 COPPER	20 COPPER	2.73 WEL HSE	25.92 S OF HYD
149 IRVING PL	20 COPPER	20 COPPER	8.70 W OF E	-
149 IRVING PL	20 COPPER	20 COPPER	OPP EL HSE	-
149 IRVING PL	20 COPPER	20 COPPER	2.56 W OF E	-
149 IRVING PL	20 COPPER	20 COPPER	6.40 EEL HSE	2.62 EW #151
149 IRVING PL	20 COPPER	20 COPPER	8.53 OUT FROM HSE	-

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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	50 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	□	* * H * T	⊗	GROUND ABOVE PIPE	⊗
▽	CURB INLET	▽	POLE - HYDRO, MTS	⊗	? 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

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. FIELD BOOK #

POSTED TO LIS

NO.	REVISIONS	DATE	BY

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY DB CHECKED BY TW
DRAWN BY CJH APPROVED BY KZ

HOR. SCALE 1:250
VERTICAL 1:50

RELEASED FOR CONSTRUCTION

DATE 2006 08 04

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK
06/08/04

BID OPPORTUNITY: 509-2006
FILENAME: 05913_14_15.dwg
PLOT DATE: 2006 08 04

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2006 IRVING PLACE WASTEWATER SEWER AND PUMPING STATION INSTALLATION

WASTEWATER SEWER

90 E OF E P KILDONAN DRIVE TO 85 W OF W P GRANDVIEW STREET

SHEET 6 OF 15
CITY DRAWING NUMBER 05914