

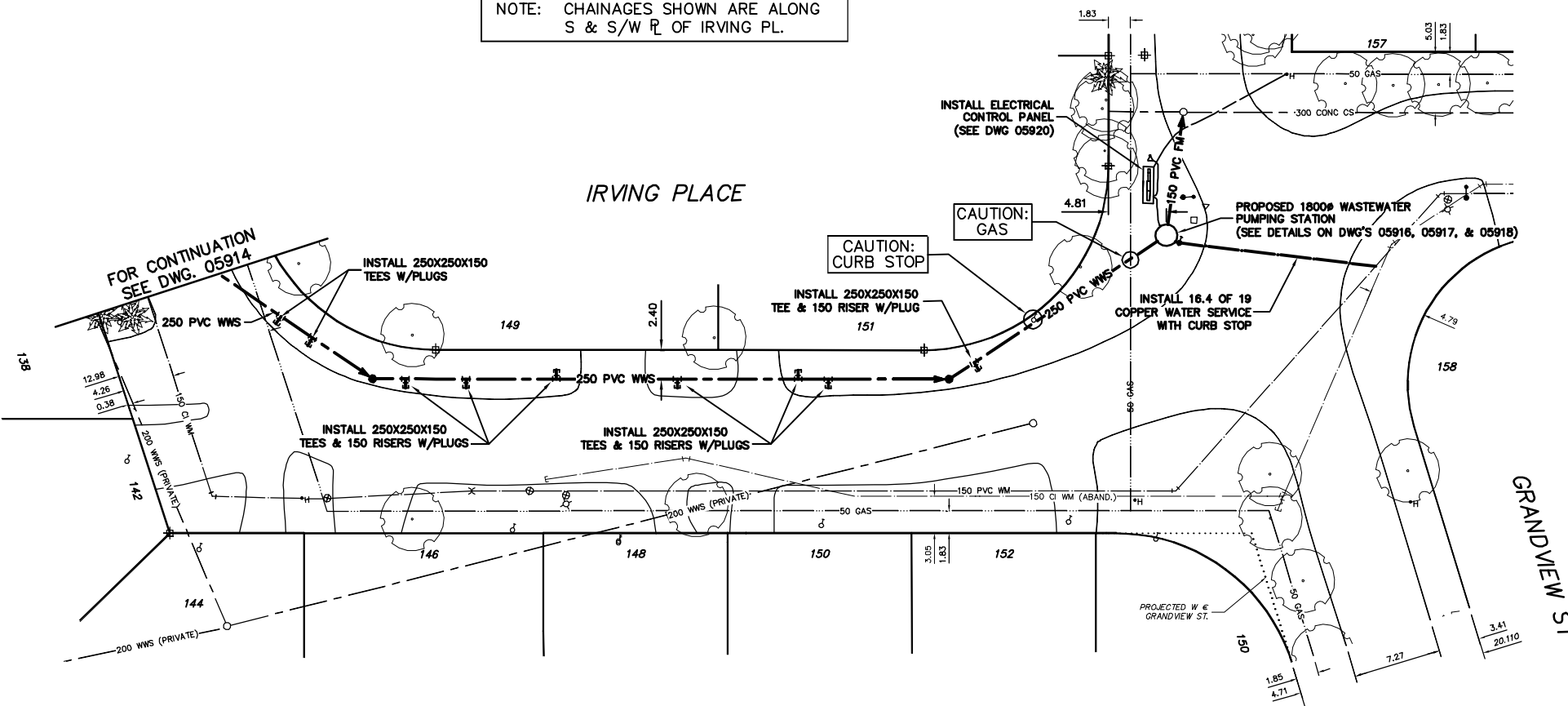
SEWER SERVICE INFORMATION			
ADDRESS	SIZE	€ DIST	€ JUNCTION TIE
138 IRVING PL			
RESIDENTIAL			
139 IRVING PL			
RESIDENTIAL			
142 IRVING PL			
RESIDENTIAL			
144 IRVING PL			
RESIDENTIAL			
146 IRVING PL			
RESIDENTIAL			
148 IRVING PL			
RESIDENTIAL			
149 IRVING PL			
RESIDENTIAL			
150 IRVING PL			
RESIDENTIAL			
151 IRVING PL			
RESIDENTIAL			
152 IRVING PL			
RESIDENTIAL			
158 IRVING PL			
RESIDENTIAL			
150 GRANDVIEW ST			
RESIDENTIAL			

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
28.70	W	150#	SOUTH CN
35.90	W	150#	SOUTH CN
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

- 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.

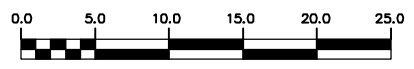
NOTE: CHAINAGES SHOWN ARE ALONG S & S/W P OF IRVING PL.



WATER SERVICE INFORMATION				
ADDRESS	SIZE(mm)	SIZE(mm) & TYPE (STREET)	SHORT & LONG MEASUREMENT	CORP. LOCATION
138 IRVING PL			3.96 NSL HSE	
RESIDENTIAL			8.36 N OF S#	
142 IRVING PL	20	20	2.21 SNL HSE	
RESIDENTIAL	COPPER	COPPER	3.66 S OF N#	
144 IRVING PL	20	20	2.73 WEL HSE	25.9 S OF HYD
RESIDENTIAL	COPPER	COPPER	8.70 W OF E#	
146 IRVING PL	20	20	OPP EL HSE	
RESIDENTIAL	COPPER	COPPER	2.56 W OF E#	
148 IRVING PL	20	20	5.06 WEL HSE	
RESIDENTIAL	COPPER	COPPER	6.21 E OF W#	
149 IRVING PL	20	20	6.40 EEL HSE	2.62 EW# #151
RESIDENTIAL	COPPER		8.53 OUT FROM HSE	
150 IRVING PL			7.89 E OF W#	
RESIDENTIAL			11.60 EEL HSE	
151 IRVING PL	20	20	26.12 E OF W#	
RESIDENTIAL	COPPER		1.60 WEL HSE	
152 IRVING PL			2.25 W OF E#	
RESIDENTIAL			7.95 WEL HSE	
158 IRVING PL	20	20	9.51 W OF E#	
RESIDENTIAL	COPPER		4.56 EWL HSE	
150 GRANDVIEW ST	20	20	4.97 W OF E#	
RESIDENTIAL	COPPER			

**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	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	250 WWS	WASTEWATER SEWER
○	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

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 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**  
85 W OF W R GRANDVIEW STREET TO GRANDVIEW STREET

SHEET 7 OF 15  
CITY DRAWING NUMBER 05915