



- CONSTRUCTION NOTES:**
1. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 m OF PAVEMENT TO BE CLASS 3.
  2. BACKFILL IN BOULEVARD TO BE CLASS 5.
  3. WATERMAIN & SEWER TO BE INSTALLED BY TRENCHLESS METHODS.
  4. EXPOSE WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  5. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
  6. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
  7. ALL MATERIALS SHALL CONFORM TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.

**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  
LOCATION OF EXCAVATION:  
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	o	VALVE	o
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
o	MANHOLE	o	FENCE	x	o	PROFILE
□	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	o	o	GUTTER (SOUTH & EAST)
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING

LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.	FIELD BOOK #:
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.		
NO. REVISIONS	DATE	BY

**CITY OF WINNIPEG**  
**WATER AND WASTE**  
**ENGINEERING DIVISION**

DESIGNED BY: SC  
CHECKED BY: TW

DRAWN BY: CJH  
APPROVED BY: KZ

HOR. SCALE: AS SHOWN  
VERTICAL: RELEASED FOR CONSTRUCTION

DATE: 2005 03 31

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK  
05/03/31

BID OPPORTUNITY: 93-2005  
PLOT DATE: 2005 03 31

**THE CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**

NORTHEAST INTERCEPTOR  
STAGE VII  
200 WM RENEWAL & 1050 SIPHON ON  
ROUGEAU AVENUE AND 1350 SIPHON  
AT 1220 PANDORA AVENUE

SHEET 18 of 18  
CITY DRAWING NUMBER  
D-8680