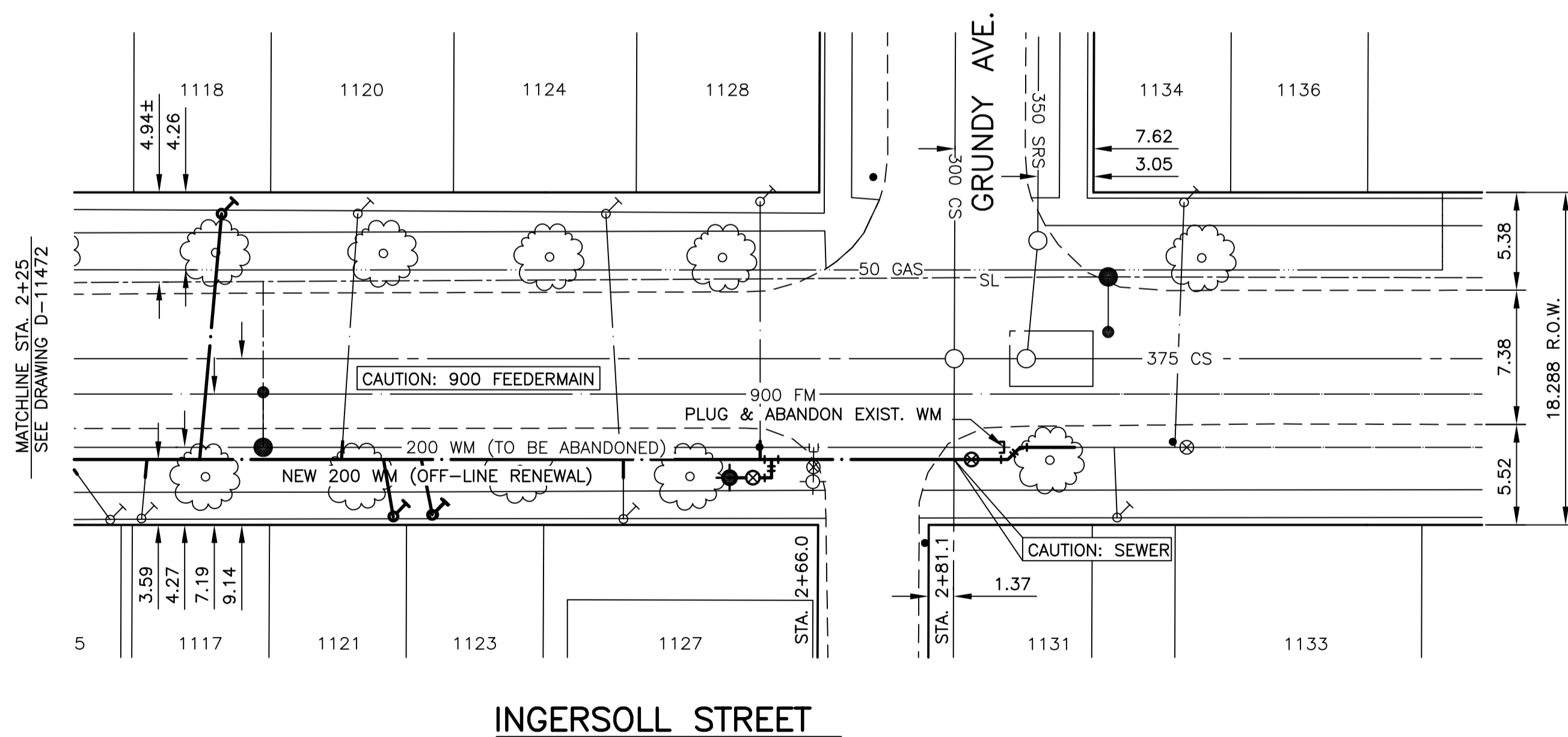


NOTE: CHAINAGES SHOWN ARE ALONG EAST PL OF INGERSOLL ST.



INGERSOLL STREET

NOTE:
HYRDO EXCAVATE AND EXPOSE TOP OF FEEDERMAIN PRIOR TO CONSTRUCTION CONTACT ANDY VINCENT 48 HOURS PRIOR TO CROSSING 600 FEEDERMAIN PH# 986-3823.

EXISTING SEWER SERVICE LOCATION RECORDS		
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL
NO RECORD	NO RECORD	NO RECORD

EXISTING WATER SERVICE LOCATION RECORDS				
ADDRESS	SIZE/TYPE	SHORT/LONG	CORP. LOCATION	COMMENTS
1115 INGERSOLL	20 COPPER	0.3 N/NHL 39.8 S/SPL GRUNDY	2.4 S OF CS	
1117 INGERSOLL	20 COPPER	0.3 N/SHL 37.2 S/SPL GRUNDY	0.3 N OF CS	
1118 INGERSOLL	13 LEAD	OPP SL OF N WINDOW 33.2 S/NPL HSE #1127	1.2 S OF CS	
1120 INGERSOLL	20 COPPER	4.3 S/NHL 25.3 S/NPL HSE #1127	0.9 S OF CS	
1121 INGERSOLL	16 LEAD	0.9 N/SPL OF HSE #1123 20.7 S/NPL HSE #1127	0.6 S OF CS	DOUBLE SERVICE WITH HSE #1123
1123 INGERSOLL	16 LEAD	0.9 N/SPL OF HSE #1123 20.7 S/NPL HSE #1127	0.6 S OF CS	DOUBLE SERVICE WITH HSE #1121
1124 INGERSOLL	20 COPPER	0.6 S/NHL 11.7 S/NPL HSE #1127	0.8 N OF CS	
1127 INGERSOLL	20 COPPER	0.3 N/SBL 10.7 S/NPL HSE #1127	OPP CS	
1128 INGERSOLL	20 COPPER	2.3 S/NHL 4.0 S/NPL HSE #1127	OPP CS	
1131 INGERSOLL	NO RECORD	NO RECORD	NO RECORD	

* - INFORMATION FROM EXISTING SERVICE RECORDS

- 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 & 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 PL.
 8. NOTIFY ALL RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

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



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT	⊕
⊗	VALVE	⊗	CONCRETE	⊗	VALVE	⊗
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	ASPHALT	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	PROPERTY LINE	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	⊕	SURVEY BAR	⊕	Q PROFILE	⊕
□	CATCH BASIN	⊕	SERVICE VALVE	⊕	NORTH/WEST GUTTER	⊕
▽	CURB INLET	⊕	TREE	⊕	SOUTH/EAST GUTTER	⊕
+	JUNCTIONS	+	LIGHT STANDARD	+		+
⊕	CULVERT	⊕	FENCE	⊕		⊕
⊕	GAS	⊕	GUY ANCHOR	⊕		⊕
---	EXISTING	---	LEGEND-PLAN	---	EXISTING	---
---	LEGEND-PLAN	---	LEGEND-PROFILE	---	PROPOSED	---

UNDERGROUND STRUCTURES		B.M. ELEV.	DESIGNED BY
SUPV. U/G STRUCTURES COMMITTEE	DATE		C.L.P.
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.			C.L.P.
			S.C.C.
			APPROVED BY ORIGINAL SIGNED BY D.P.K.
3	RE-ISSUED FOR CLIENT REVIEW	06-01-08	S.C.C.
2	ISSUED FOR TENDER	08-05-08	S.C.C.
1	ISSUED FOR FINAL REVIEW	07-22-08	S.C.C.
NO.	REVISIONS	DATE	BY
		JULY 21, 2008	

DILLON CONSULTING

D.P. KRAHN
REGISTERED PROFESSIONAL ENGINEER
4226

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2009 WATERMAIN RENEWALS
CONTRACT 27
INGERSOLL STREET
YARWOOD AVENUE
TO GRUNDY AVENUE

CITY DRAWING NUMBER
D-11473

SHEET **2** OF **4**

BID OPPORTUNITY
428-2009

CONSULTANT PROJECT NO.
091967

RELEASING FOR CONSTRUCTION ORIGINAL SIGNED BY KAS ZUREK, P.Eng.
DATE: AUGUST 5, 2008