

WATER SERVICE INFORMATION

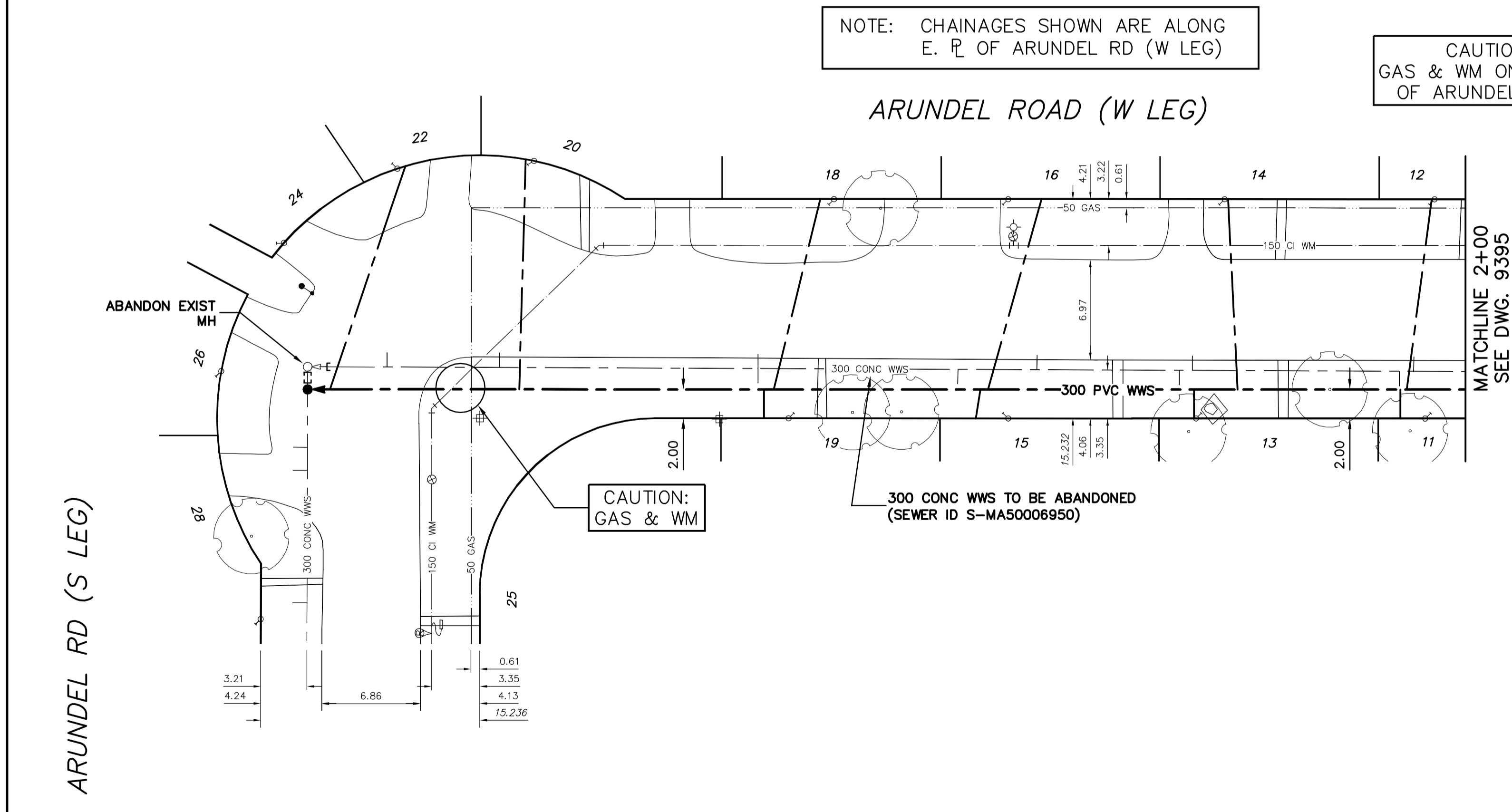
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION
11 ARUNDEL RD RESIDENTIAL	20 COPPER	20	65.69>NNL ARUNDEL (S LEG)	-
12 ARUNDEL RD RESIDENTIAL	20 COPPER	20	65.72>NNL ARUNDEL (S LEG)	-
13 ARUNDEL RD RESIDENTIAL	20 COPPER	20	48.92>NNL ARUNDEL (S LEG)	-
14 ARUNDEL RD RESIDENTIAL	20 COPPER	20	51.70>NNL ARUNDEL (S LEG)	-
15 ARUNDEL RD RESIDENTIAL	20 COPPER	20	35.69>NNL ARUNDEL (S LEG)	-
16 ARUNDEL RD RESIDENTIAL	20 COPPER	20	36.63>NNL ARUNDEL (S LEG)	-
18 ARUNDEL RD RESIDENTIAL	20 COPPER	20	24.59>NNL ARUNDEL (S LEG)	-
19 ARUNDEL RD RESIDENTIAL	20 COPPER	20	21.48>NNL ARUNDEL (S LEG)	-
20 ARUNDEL RD RESIDENTIAL	20 COPPER	20	3.74>NNL ARUNDEL (S LEG)	-
22 ARUNDEL RD RESIDENTIAL	20 COPPER	20	5.70>SNL ARUNDEL (S LEG)	-
24 ARUNDEL RD RESIDENTIAL	20 COPPER	20	12.11>WEL ARUNDEL (W LEG)	-
25 ARUNDEL RD RESIDENTIAL	20 COPPER	20	19.23>WEL ARUNDEL (W LEG)	SERV. OFF ARUNDEL (S LEG)
26 ARUNDEL RD RESIDENTIAL	20 COPPER	20	3.29>WEL ARUNDEL (W LEG)	-

SEWER SERVICE INFORMATION

ADDRESS	SIZE	R DIST
11 ARUNDEL RD RESIDENTIAL	-	JUNCTION TIE
12 ARUNDEL RD RESIDENTIAL	-	1.51 N OF SL
13 ARUNDEL RD RESIDENTIAL	-	2.44 N OF SL
14 ARUNDEL RD RESIDENTIAL	-	4.73 N OF SL
15 ARUNDEL RD RESIDENTIAL	-	2.14 N OF SL
16 ARUNDEL RD RESIDENTIAL	-	7.02 N OF SL
18 ARUNDEL RD RESIDENTIAL	-	8.39 S OF NL
19 ARUNDEL RD RESIDENTIAL	-	3.05 N OF SL
20 ARUNDEL RD RESIDENTIAL	-	3.34 N OF SL
22 ARUNDEL RD RESIDENTIAL	-	9.30 N OF SL
24 ARUNDEL RD RESIDENTIAL	-	-
25 ARUNDEL RD RESIDENTIAL	-	3.97 W OF EL
26 ARUNDEL RD RESIDENTIAL	-	-

NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF ARUNDEL RD (W LEG)

CAUTION: GAS & WM ON W SIDE OF ARUNDEL ROAD



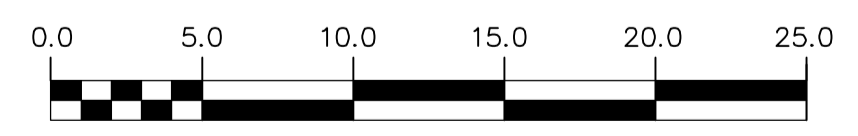
- CONSTRUCTION NOTES:**
1. INSTALL SEWER BY TRENCHLESS METHODS.
 2. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
 3. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
 4. BACKFILL IN BOULEVARD TO BE CLASS 5.
 5. RENEW SEWER SERVICES TO R.
 6. INSTALL SEWER SERVICE RISERS TO ELEVATION WHERE MINIMUM SLOPE OF 1% IS MAINTAINED FOR ALL SERVICES.

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA50006950

DISTANCE FROM MH ID S-MH50005953			
8.2	S	150#	WEST CN
9.2	S	150#	EAST CN
23.6	S	150#	WEST CN
24.5	S	150#	EAST CN
34.4	S	150#	WEST JN
39.9	S	150#	EAST JN
53.8	S	150#	EAST CN
53.8	S	150#	WEST CN
71.8	S	150#	EAST JN
79.6	S	150#	EAST JN

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



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM	WATERMAIN	150 WM
525 LDS	LAND DRAINAGE SEWER	525 LDS	TRAFFIC SIGNALS	50 GAS	50 GAS	50 GAS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	50 GAS	50 GAS	50 GAS	WASTEWATER SEWER	250 WWS
MANHOLE	MANHOLE	MANHOLE	FENCE	50 GAS	50 GAS	50 GAS	€ PROFILE	250 WWS
CATCH BASIN	CATCH BASIN	CATCH BASIN	POLE - HYDRO, MTS	50 GAS	50 GAS	50 GAS	GROUND ABOVE PIPE	250 WWS
CURB INLET	CURB INLET	CURB INLET	CURB STOP	50 GAS	50 GAS	50 GAS	? DITCH (NORTH & WEST)	250 WWS
JUNCTIONS	JUNCTIONS	JUNCTIONS	GUY ANCHOR	50 GAS	50 GAS	50 GAS	? DITCH (SOUTH & EAST)	250 WWS
CULVERT	CULVERT	CULVERT	LIGHT STANDARD	50 GAS	50 GAS	50 GAS	GUTTER (NORTH & WEST)	250 WWS
ANODE	ANODE	ANODE	TREE	50 GAS	50 GAS	50 GAS	GUTTER (SOUTH & EAST)	250 WWS
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.	FIELD BOOK #:
SUPV. U/G STRUCTURES COMMITTEE	DATE	POSTED TO LBIS	
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: MKG
CHECKED BY: SC

DRAWN BY: CJH
APPROVED BY: SC

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION

DATE: 2010 08 16

ENGINEER'S SEAL

ORIGINAL SIGNED BY
S.R.J. COUNROYER
10/08/16

BID OPPORTUNITY: 572-2010
FILENAME: 9396.dwg
PLOT DATE: 2010 08 16

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 SEWER RENEWALS AND REPAIRS CONTRACT 20

ARUNDEL ROAD (W LEG)
1ST MH S OF ELIZABETH ROAD TO 2ND MH S OF ELIZABETH ROAD

SHEET 15 OF 20
CITY DRAWING NUMBER
9396