

**RUTTAN BY E. LEG**

**WATER SERVICE INFORMATION**

ADDRESS	SIZE (mm) & TYPE (STREET)	DIST TO PROP	SHORT & LONG MEASUREMENT	CORP MEASUREMENT
5 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	3.8 m N/SHL NO INFORMATION AVAILABLE	4.4 m N/SHL
6 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	2.0 m SNL HSE NO INFORMATION AVAILABLE	6.1 m SNL HSE
11 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	8.5 m N S H/L NO INFORMATION AVAILABLE	8.1 m N S H/L
12 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	4.3 m S/N H.L. NO INFORMATION AVAILABLE	4.7 m N/SHL
17 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	1.8 m S/NHL NO INFORMATION AVAILABLE	1.5 m S/NHL
18 RUTTAN RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	10.4 m S/NHL NO INFORMATION AVAILABLE	NO INFO AVAILABLE
708 OAKENWALD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	4.6 m WEL HSE NO INFORMATION AVAILABLE	NO INFO AVAILABLE
720 OAKENWALD RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	2.7 m NSL HSE NO INFORMATION AVAILABLE	NO INFO AVAILABLE

**CONSTRUCTION NOTES:**

- ALL NEW SEWERS AND SEWER SERVICES TO BE INSTALLED BY TRENCHLESS METHODS.
- SEWER SERVICE LOCATIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- EXCAVATIONS WITHIN 1.0m OF PAVEMENT TO BE BACKFILLED WITH CLASS 3 MATERIAL.
- NEW SEWER SERVICES RENEWED TO PROPERTY LINE TO HAVE A MINIMUM SLOPE OF 1.0%.

**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 140/92 FOR DETAILS

NOTE:  
STATIONING IS ALONG E. P/L OF RUTTAN BAY.

BENCH MARK: S. side Oakenwald Ave., W. of Point Rd., 1.1m in E. Conc. foundation of Oakenwald School, No. 666 Oakenwald Ave., 1.0 m S. & 0.1 m below brick of N.E. Cor. of school.

**SEWER SERVICE INFORMATION**

REFERENCE MANHOLE MH60011300

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	REMARKS
17.5	100	02	CNI	FILLED WITH RM
21.5	100	10	JN	FILLED WITH RM

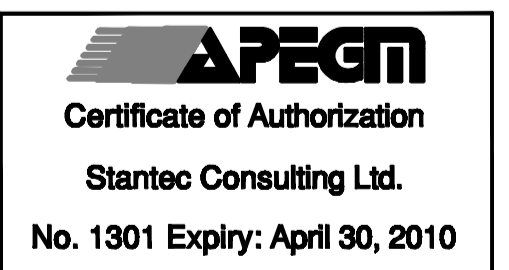
REFERENCE MANHOLE MH60015276

DIST. FROM REF. MANHOLE	JUNCTION DIA.	CLOCK REF.	SERVICE TYPE	REMARKS
4.2	100	10	CNI	
9.8	100	02	CNI	
12.8	100	10	JN	
14.0	100	02	CNI	LIVE
17.6	100	10	CNI	
23.7	100	02	JN	
25.8	100	10	JN	
37.1	100	02	CNI	LIVE
39.5	100	02	JN	
40.3	100	02	CNI	LIVE
43.1	100	10	CNI	
50.8	100	10	JN	

ALL JUNCTION INFORMATION BASED ON CCTV INSPECTION

**SEWER SERVICE INFORMATION**

ADDRESS	SIZE	PROPERTY LINE LOCATION	JUNCTION LOCATION
5 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
6 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
11 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
12 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
17 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
18 RUTTAN RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
708 OAKENWALD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
720 OAKENWALD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE



BID OPPORTUNITY 536-2009

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	M.T.S.	+	HYDRANT, VALVE	+
○	VALVE	○	CONCRETE	○	LAND DRAINAGE SEWER	○
---	300 LDS	---	ASPHALT	---	WASTE WATER SEWER	---
---	250 WWS	---	SIDEWALK	---	C PROFILE	---
○	MANHOLE	○	PROPERTY LINE	○	NORTH OR WEST GUTTER	○
□	CATCH BASIN	□	SURVEY BAR	□	SOUTH OR EAST GUTTER	□
▽	CURB INLET	▽	DITCH	▽	NORTH OR WEST DITCH	▽
+	JUNCTIONS	+	ELEVATION	+	SOUTH OR EAST DITCH	+
---	CULVERT	---		---		---
---	GAS	---		---		---
---	EXISTING	---	LEGEND-PLAN	---	LEGEND-PROFILE	---
---	PROPOSED	---	EXISTING	---	PROPOSED	---

**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.

NO.	REVISIONS	DATE	BY

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DESIGNED BY: J.D.C. CHECKED BY: J.K.H.  
DRAWN BY: W.R.A. APPROVED BY: H.A.K.

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

RELEASED FOR CONSTRUCTION:  
SIGNED BY: K. ZUREK

DATE 09.05.27 DATE AUG. 13, 2009

ENGINEER'S SEAL  
ORIGINAL SEALED BY H.A. KATZ P. ENG 09.08.13

CONSULTANT DRAWING NO. C-201

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

**RUTTAN BY (E. LEG)**  
MH AT OAKENWALD AVE TO IST MHS OF OAKENWALD AVE

STA. 1+25 TO STA. 2+25  
2009 SEWER RENEWAL

SHEET 2 OF 14  
CAD FILE DRAWING NUMBER I1480c-201-712.dwg  
CITY DRAWING NUMBER 8858

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