



SEWER JUNCTION INFORMATION

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT*
MH40012742	2.50	150Ø	10
MH40012742	5.10	150Ø	02
MH40012742	11.80	150Ø	02
MH40012742	18.10	150Ø	02
MH40012742	22.80	150Ø	10
MH40012742	37.60	150Ø	02
MH40012742	45.00	150Ø	10
MH40012742	51.20	150Ø	10
MH40012742	54.50	150Ø	02
MH40012742	61.20	150Ø	10
MH40012742	65.80	150Ø	10

*JUNCTION INFORMATION FROM VIDEO INSPECTION

NOTE:
PROPOSED SEWER SERVICES SHOWN FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR SHALL LOCATE EXISTING SEWER SERVICES AT PROPERTY LINE. LOCATION OF NEW SERVICES TO BE FIELD DETERMINED AND APPROVED BY CONTRACT ADMINISTRATOR.

AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 11/02/09

- DROP MANHOLE CONSTRUCTION NOTES:**
- CONCRETE TO BE PLACED TO UNDISTURBED GROUND AND THE OUTSIDE FACE OF THE MAINTENANCE HOLE, BUT THERE SHALL BE A MINIMUM OF 150mm OF 15MPa CONCRETE AROUND THE DROP PIPE.
 - CONCRETE SHALL BE SECURED TO THE MANHOLE WITH 450mm LONG, 13mm DIAMETER THREADED RODS AND DRILLED EXPANSION ANCHORS DOWN EITHER SIDE OF THE DROP PIPE AT 300mm CENTRES.

- CONSTRUCTION NOTES:**
- ALL WORK AND MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD SPECIFICATIONS.
 - INSTALL NEW SEWER BY TRENCHLESS METHODS.
 - ALL AUGER SHAFTS SHALL HAVE CLASS 3 BACKFILL UNDER AND WITHIN 1.0m OF PAVED SURFACES AND CLASS 5 BACKFILL (GRANULAR BACKFILL TO 300 mm ABOVE SERVICE) IN BOULEVARD AREAS.
 - RENEW SEWER SERVICES TO PROPERTY LINE.
 - ALL SEWER AND WATER SERVICES TO BE LOCATED IN THE FIELD BY THE CONTRACTOR.
 - ABANDON EXISTING SEWER AND SEWER SERVICES.
 - ALL SEWER SERVICES SHALL BE 150 PVC SDR 35.
 - EXIST WASTEWATER SEWER TO BE CAPPED AND ABANDONED.

BID OPPORTUNITY NO. 901-2010

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS	REDUCER	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	VALVE	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	250 WWS
	MANHOLE		COUPLING		MANHOLE		MANHOLE	
	CATCH BASIN		ANODE		CATCH BASIN		CATCH BASIN	
	CURB INLET		HYDRO		CURB INLET		CURB INLET	
	CULVERT		MTS		CULVERT		CULVERT	
	PIPE ABANDONMENTS		GAS		PIPE ABANDONMENTS		PIPE ABANDONMENTS	
	SURVEY BAR		TESTHOLE		SURVEY BAR		SURVEY BAR	
			LAMP STANDARD					
			TREE					

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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. 10-040	N.W. Cor. Kildare Ave. W. & Day St. 1.1m on top of 0.05 m dia. x 2.4 m iron pipe, 4.88 m S. of N.L. of Kildare Ave. W. & 11.28 m E. of W.L. of Day St.
ELEV. 232.690m	
0	ISSUED FOR CONSTRUCTION
NO.	REVISIONS

AECOM	DESIGNED BY PL	CHECKED BY
	DRAWN BY GDL	APPROVED BY
	HOR. SCALE 1:250	RELEASED FOR CONSTRUCTION
	VERT. SCALE 1:50	DATE

PROFESSIONAL'S SEAL
K.W. FITCHETT
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. 60164626-01-C-142-ROX.dwg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

RALPH AVENUE EAST
53m EAST OF DAY STREET
TO PUBLIC LANE EAST OF DAY STREET

SHEET 42 OF 45
CITY DRAWING NUMBER 9474
REV 0