



ADDRESS	SIZE	PL	JUNCTION/TIE	PROPERTY LINE/TIE	REMARKS
		INV		SHORT	
				LONG	
232.0	0-1ST W/OF ANDREWS	150	0-1ST W/OF ANDREWS	0-1ST W/OF ANDREWS	
231.0	92.0 W OF M/H AT ANDREWS ST	150	92.0 W OF M/H AT ANDREWS ST	UNKNOWN	
230.0	92.0 W OF M/H AT ANDREWS ST	150	92.0 W OF M/H AT ANDREWS ST	UNKNOWN	
229.0	21.9 W	150	21.9 W	UNKNOWN	
228.0	75.6 E OF M/H AT MCGREGOR ST	150	75.6 E OF M/H AT MCGREGOR ST	UNKNOWN	
227.0	32.0 W	150	32.0 W	UNKNOWN	
226.0	31.4 W	150	31.4 W	UNKNOWN	
	41.1 W	150	41.1 W	UNKNOWN	
	52.1 W	150	52.1 W	UNKNOWN	
	56.7 W	150	56.7 W	UNKNOWN	
	62.2 W	150	62.2 W	UNKNOWN	
	70.1 W	150	70.1 W	UNKNOWN	
	81.4 W	150	81.4 W	UNKNOWN	
	106.8 W OF M/H AT MCGREGOR	150	106.8 W OF M/H AT MCGREGOR	UNKNOWN	
	123.8 W OF M/H AT MCGREGOR	150	123.8 W OF M/H AT MCGREGOR	UNKNOWN	
	150	150	150	UNKNOWN	

SEWER JUNCTION INFORMATION
BY VIDEO INSPECTION

MANHOLE EAST OF MCGREGOR STREET TO MANHOLE EAST OF MCGREGOR STREET	DIRECTION	CONDITION
18.2	SOUTH	JN (C/D)
18.8	NORTH	JN (C/D)
20.0	SOUTH	JN
20.9	NORTH	JN
31.2	SOUTH	JN
37.2	SOUTH	JN
38.1	NORTH	JN
42.9	NORTH	CN
47.7	SOUTH	JN
48.2	NORTH	JN
56.7	SOUTH	JN
57.3	NORTH	JN
58.2	SOUTH	JN
58.5	NORTH	JN
62.2	SOUTH	JN
62.2	NORTH	JN
62.2	SOUTH	JN
62.2	NORTH	JN
1.8	NORTH	JN
2.2	SOUTH	JN
10.6	NORTH	JN
11.4	SOUTH	JN
20.8	NORTH	JN
21.2	SOUTH	JN
21.8	NORTH	CN

MANHOLE INFORMATION

MANHOLE NUMBER	MANHOLE TYPE	ADDITIONAL INFORMATION
17861	PRECAST	REPLACE FRAME & COVER, INSTALL 2 RINGS, GROUT TOP 3.0.
17989	PRECAST	REPLACE FRAME & COVER, INSTALL 3 RINGS.

CATCHBASIN INFORMATION

CATCHBASIN NUMBER	ADDITIONAL INFORMATION
CB 1	REPLACE TOP 0.9 RISER, REPLACE FRAME & COVER, INSTALL 5 RINGS.
CB 2	REPLACE TOP 0.6 RISER, REPLACE FRAME & COVER, INSTALL 5 RINGS.
*CB 3	NO REPAIRS REQUIRED.

1:250
 0 5 10m
 5 10m

NOTE:
 CHAINAGE IS ALONG SOUTH PROPERTY LINE OF BOYD AVENUE.

WARDROP Engineering Inc.
 H.A. KATZ
 REGISTERED PROFESSIONAL ENGINEER
 No. 195 Expiry: April 30, 2005

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 2004 COMBINED SEWER RENOVALS
 FULL LENGTH LINING BY CIPP METHODS
 BOYD AVENUE
 MANHOLE AT MCGREGOR STREET TO
 1ST MANHOLE EAST OF MCGREGOR STREET

CITY DRAWING NUMBER
05430
 SHEET 3 OF 6
C2003

EXISTING	PROPOSED	LEGEND-PLAN	LEGEND-PLAN
150 WM	150 WM	ANCHOR	ANCHOR
400 FM	400 FM	TREE	TREE
300 L/S	300 L/S	LEGAL DIMENSION	LEGAL DIMENSION
250 W/S	250 W/S	SURVEY BAR	SURVEY BAR
300 CS	300 CS	GAS	GAS
200 FM	200 FM	HYDRO	HYDRO
		M/S	M/S
		SIDEWALK	SIDEWALK
		CURB	CURB
		LEGEND-PLAN	LEGEND-PLAN
		PROPOSED	PROPOSED
		EXISTING	EXISTING
		LEGEND-PLAN	LEGEND-PLAN
		PROPOSED	PROPOSED
		EXISTING	EXISTING
		LEGEND-PLAN	LEGEND-PLAN
		PROPOSED	PROPOSED
		EXISTING	EXISTING
		LEGEND-PLAN	LEGEND-PLAN
		PROPOSED	PROPOSED
		EXISTING	EXISTING

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	04.05.28	HAK
2	ISSUED FOR APPROVAL	04.05.25	HAK

DESIGNED BY	CHECKED BY	DATE
TY	BY	04.03.30
DRAWN BY	APPROVED BY	DATE
GMD	BY	04.03.30

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	04.05.28	HAK
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