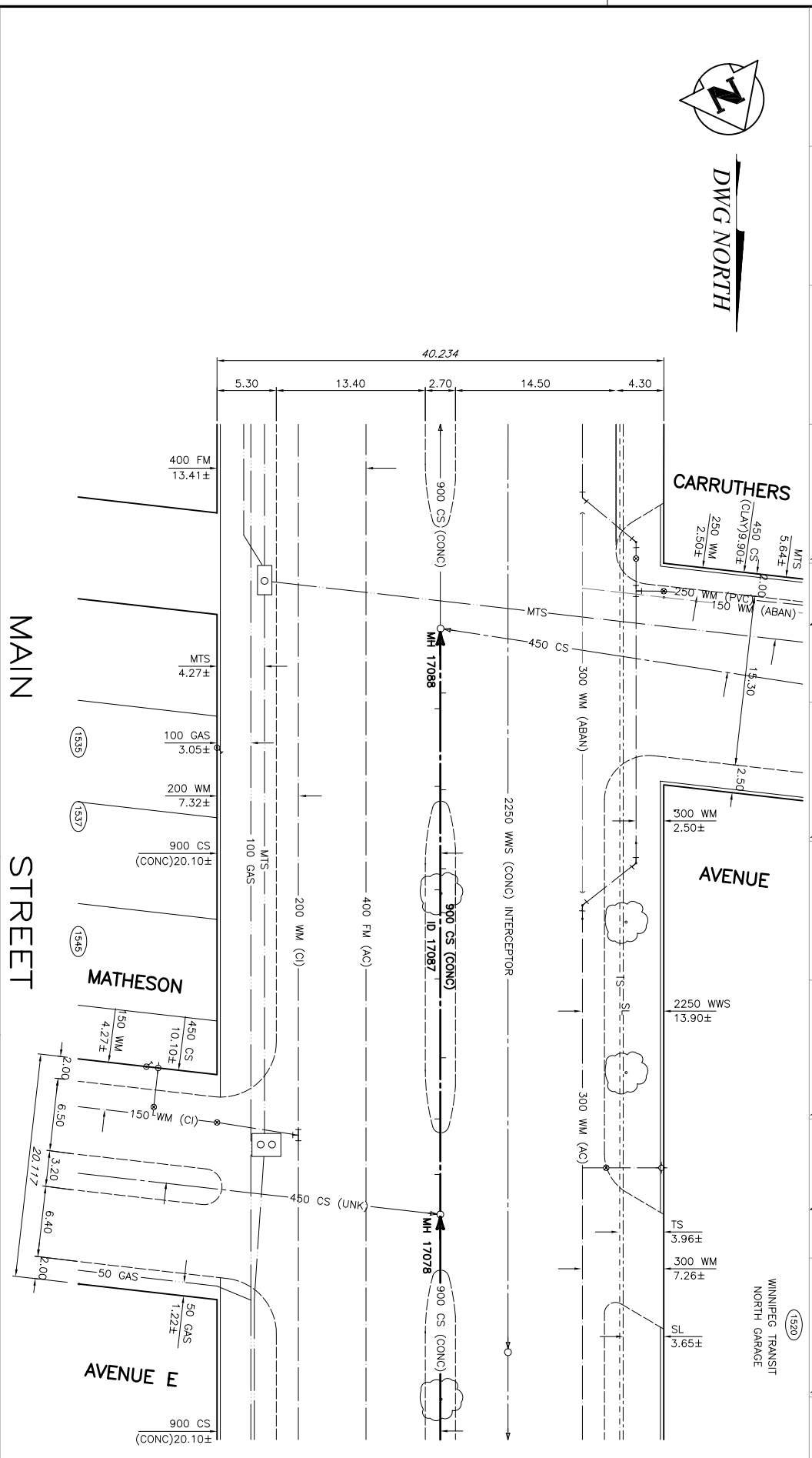


ADDRESS	SIZE	PL. INV.	JUNCTION TIE	PROPERTY LINE TIE	REMARKS
	0-MH AT			0-SR	
	CARRUTHERS		SERVICED OFF CARRUTHERS	MATHESON	
No. 1520	150	-	UNKNOWN	UNKNOWN	
No. 1511	150	-	UNKNOWN	UNKNOWN	
No. 1514	150	-	4.6 N	UNKNOWN	24.3 S
No. 1517	150	-	UNKNOWN	UNKNOWN	UNKNOWN
No. 1548	150	-	SERVICED OFF MATHESON	UNKNOWN	

ADDRESS	SIZE	PL. INV.	JUNCTION TIE	PROPERTY LINE TIE	REMARKS
	0-MH AT			0-SR	
	CARRUTHERS		SERVICED OFF CARRUTHERS	MATHESON	
No. 1520	150	-	UNKNOWN	UNKNOWN	
No. 1511	150	-	UNKNOWN	UNKNOWN	
No. 1514	150	-	4.6 N	UNKNOWN	24.3 S
No. 1517	150	-	UNKNOWN	UNKNOWN	UNKNOWN
No. 1548	150	-	SERVICED OFF MATHESON	UNKNOWN	

MANHOLE AT MATHESON AV EAST TO	MANHOLE AT MATHESON AV EAST TO	MANHOLE AT MATHESON AV EAST TO	MANHOLE AT MATHESON AV EAST TO
3.6	300	TOP	JN
8.6	150	EAST	CN
14.1	150	WEST	CN(CAP)
21.2	150	EAST	CN(CAP)
29.2	150	EAST	CN(CAP)
31.1	150	WEST	CN
38.2	150	WEST	CN(CAP)
38.5	150	EAST	CN(CAP)
45.5	150	EAST	CN
46.9	150	WEST	CN(CAP)

MANHOLE NUMBER	MANHOLE TYPE	ADDITIONAL INFORMATION
17078	POURED	GROUT TOP 4.0m, GROUT AND REPLACE BENCHING.
17088	PRECAST	INSTALL 1' RING, GROUT AND REPLACE BENCHING.



EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
150 WM	150 WM	400 FM	400 FM	BEAD	BEAD	ANCHOR	ANCHOR
400 FM	400 FM	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	TEE	TEE	TREE	TREE
300 LBS	300 LBS	WASTEWATER SEWER	WASTEWATER SEWER	CURB STOP	CURB STOP	LEGAL DIMENSION	LEGAL DIMENSION
250 WWS	250 WWS	COMBINED SEWER	COMBINED SEWER	PLUG	PLUG	SURVEY BAR	SURVEY BAR
300 CS	300 CS	FORCEMAIN	FORCEMAIN	MANHOLE	MANHOLE	TRAFFIC SIGNAL	TRAFFIC SIGNAL
200 FM	200 FM	JUNCTIONS	JUNCTIONS	CURB INLET	CURB INLET	GAS	GAS
HYDRANT	HYDRANT	ADDRESS	ADDRESS	HYDRO	HYDRO	HYDRO	HYDRO
VALVE	VALVE	HYDRO POLE	HYDRO POLE	MTS	MTS	SIDEWALK	SIDEWALK
REDUCER	REDUCER	LEGEND-PLAN	LEGEND-PLAN	CURB	CURB	CURB	CURB

WARDROP Engineering Inc.

REGISTERED PROFESSIONAL ENGINEER
H.A. KATZ

CONSULTANT DRAWING NO. 0400120200-DWG-C2005

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
FULL LENGTH LINING BY CIPP METHODS

MAIN STREET
MANHOLE AT MATHESON AVENUE E TO
MANHOLE AT CARRUTHERS AVENUE

CITY DRAWING NUMBER
05432
SHEET 4 OF 6
C2005

APGIN
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2005

1:250
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NO.	REVISIONS	DATE	BY	DATE
-	ISSUED FOR TENDER	04.05.28	HAK	
-	ISSUED FOR APPROVAL	04.05.25	HAK	

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