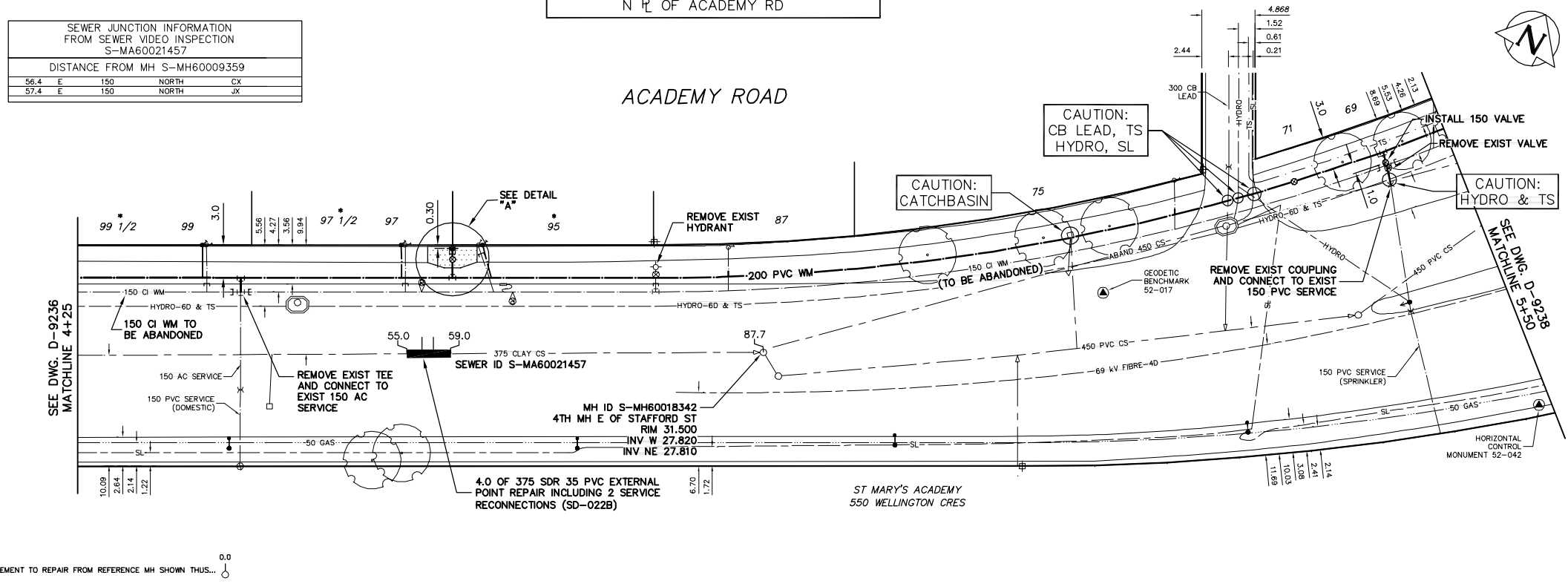


WATER SERVICE INFORMATION						
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION		
69 ACADEMY RD	20 COPPER	20 COPPER	1.57 WEL HSE	1.32 W OF S/C	DBL. W/ #71	
71 ACADEMY RD	20 COPPER	20 COPPER	94.45 WML WELLINGTON	1.32 W OF S/C	DBL. W/ #69	
75 ACADEMY RD	20 COPPER	20 COPPER	119.48 WML WELLINGTON	0.8 W OF S/C		
87 ACADEMY RD	20 COPPER	20 COPPER	162.25 WML WELLINGTON	OPP S/C		
95 ACADEMY RD	12 LEAD	12 LEAD	1.55 E OF WML	1.37 E OF S/C	RENEW TO R W/20 COPPER	
97 ACADEMY RD	20 COPPER	20 COPPER	185.13 WML WELLINGTON	OPP S/C	DBL. W/ #97 1/2	
99 ACADEMY RD	20 COPPER	20 COPPER	191.77 WML WELLINGTON	OPP S/C	RENEW TO R W/20 COPPER	
101 ACADEMY RD	20 COPPER	20 COPPER	148.09 EEL STAFFORD	0.05 E OF S/C	DBL. W/ #99 1/2	
107 ACADEMY RD	20 COPPER	20 COPPER	148.09 EEL STAFFORD	0.05 E OF S/C	RENEW TO R W/20 COPPER	
109 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #109	
111 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
115 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #107	
117 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
119 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #113	
121 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
125 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #111	
127 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
129 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #115	
131 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
133 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #117	
135 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
137 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #119	
139 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
141 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #121	
143 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
145 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #123	
147 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
149 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #125	
151 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
153 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #127	
155 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
157 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #129	
159 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
161 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #131	
163 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
165 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #133	
167 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
169 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #135	
171 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
173 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #137	
175 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
177 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #139	
179 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
181 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #141	
183 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
185 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #143	
187 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
189 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #145	
191 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
193 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #147	
195 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
197 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #149	
199 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
201 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #151	
203 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
205 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #153	
207 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
209 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #155	
211 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
213 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #157	
215 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
217 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #159	
219 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
221 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #161	
223 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
225 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #163	
227 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
229 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #165	
231 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	RENEW TO R W/20 COPPER	
233 ACADEMY RD	20 COPPER	20 COPPER	113.29 EEL STAFFORD	0.77 E OF S/C	DBL. W/ #167	
550 WELLINGTON CR	150 PVC	150 PVC	11.65 WEL BLDG	OPP VALVE	SERV. OFF ACADEMY	
550 WELLINGTON CR	150 PVC	150 PVC	107.50 WML WELLINGTON	OPP VALVE	SERV. OFF ACADEMY	
550 WELLINGTON CR	150 PVC	150 PVC	42.53 WML BLDG	OPP VALVE	SERV. OFF ACADEMY	
550 WELLINGTON CR	150 PVC	150 PVC	151.10 EEL STAFFORD	OPP VALVE	SERV. OFF ACADEMY	

* SERVICES TO BE RENEWED TO R ALL OTHERS TO BE RECONNECTED

NOTE: CHAINAGES SHOWN ARE ALONG N R OF ACADEMY RD

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION S-MA60021457			
DISTANCE FROM MH S-MH60009359			
56.4	E	150	NORTH CX
57.4	E	150	NORTH JX



- CONSTRUCTION NOTES**
- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 - CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
 - INSTALL WATERMAIN BY TRENCHLESS METHODS.
 - TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 - ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
 - REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
 - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.
 - CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
 - CONTRACTOR TO PROVIDE VIDEO INSPECTION OF SEWER SERVICES WITHIN LIMITS OF REPAIR IN PRESENCE OF CONTRACT ADMINISTRATOR TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

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	MTS	150 WM	WATERMAIN	150 WM	WATERMAIN
525 LDS	LAND DRAINAGE SEWER	525 LDS	TRAFFIC SIGNALS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	●	FENCE	⊗	PROFILE	⊕	GROUND ABOVE PIPE	⊕
□	CATCH BASIN	■	POLE - HYDRO, MTS	⊖	⊖	⊖	⊖	⊖
▽	CURB INLET	▽	CURB STOP	⊖	⊖	⊖	⊖	⊖
▽	REDUCER	▽	GUY ANCHOR	⊖	⊖	⊖	⊖	⊖
X	COUPLER	X	LIGHT STANDARD	⊖	⊖	⊖	⊖	⊖
⊖	ANODE	⊖	TREE	⊖	⊖	⊖	⊖	⊖

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.

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION			
DESIGNED BY	SC	CHECKED BY	TW
DRAWN BY	CJH	APPROVED BY	KZ
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2007 08 17	DATE	

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2007 WATERMAIN RENEWALS

ACADEMY ROAD
136 E OF STAFFORD STREET TO
23 W OF WELLINGTON CRESCENT

SHEET 3 OF 4
CITY DRAWING NUMBER D-9237

ENGINEER'S SEAL
ORIGINAL SIGNED BY
S.R.J. COURNOYER
07/08/17

FILE NAME: D-9237.dwg
PLOT DATE: 2007 08 17