

200mmØ WATERMAIN TABLE A				
STATION	FRESH GRADE	TOP W/M	ITEM	
0+00	90.73	88.330	PUMP HYDRANT	
0+04.8	90.76	88.360	45° HORIZONTAL BEND	
0+08.8	90.88	88.480	45° HORIZONTAL BEND	
0+09.1	90.98	88.580	200mmØ x 200mm TEE	
0+041.1	91.05	88.650	200mm VALVE AND BOX	
0+060	91.11	88.710	TOP OF PIPE	
0+060	91.03	88.630	TOP OF PIPE	
0+100	91.16	88.760	TOP OF PIPE	
0+107.3	91.22	88.820	22.1° HORIZONTAL BEND	
0+118	91.37	88.970	22.1° HORIZONTAL BEND	
0+183.1	91.49	89.090	11.1° HORIZONTAL BEND	
0+185.7	91.84	89.480	200mmØ x 150mm TEE	
0+140	91.87	89.470	TOP OF PIPE	
0+160	91.82	89.420	TOP OF PIPE	
0+180	91.87	89.470	TOP OF PIPE	
0+200	91.78	89.380	TOP OF PIPE	
0+220	91.52	89.120	TOP OF PIPE	
0+229	91.60	89.200	200mmØ x 200mm TEE	

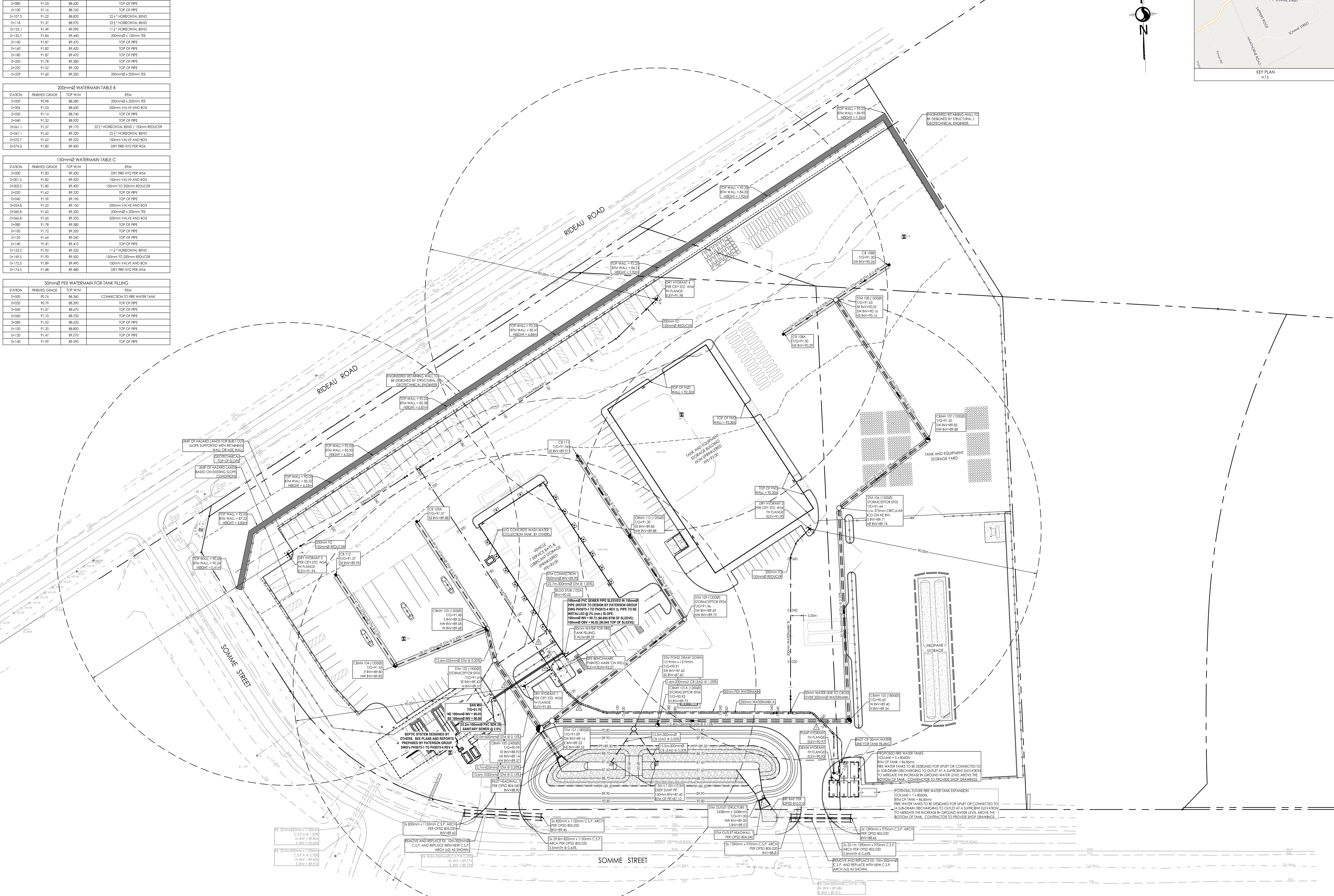
200mmØ WATERMAIN TABLE B				
STATION	FRESH GRADE	TOP W/M	ITEM	
0+00	90.98	88.580	200mmØ x 200mm TEE	
0+06	91.03	88.630	200mm VALVE AND BOX	
0+020	91.14	88.740	TOP OF PIPE	
0+060	91.32	88.920	TOP OF PIPE	
0+061.1	91.37	89.170	22.1° HORIZONTAL BEND / 150mm REDUCER	
0+067.1	91.62	89.220	22.1° HORIZONTAL BEND	
0+070.7	91.62	89.220	150mm VALVE AND BOX	
0+074.3	91.80	89.400	DRY FIRE HYD PER WS4	

150mmØ WATERMAIN TABLE C				
STATION	FRESH GRADE	TOP W/M	ITEM	
0+000	91.83	89.430	DRY FIRE HYD PER WS4	
0+015	91.82	89.420	150mm VALVE AND BOX	
0+050	91.80	89.400	150mm TO 200mm REDUCER	
0+020	91.62	89.220	TOP OF PIPE	
0+040	91.39	89.190	TOP OF PIPE	
0+068.8	91.33	89.190	200mm VALVE AND BOX	
0+068.8	91.60	89.250	200mmØ x 200mm TEE	
0+068.8	91.65	89.250	200mm VALVE AND BOX	
0+080	91.78	89.380	TOP OF PIPE	
0+080	91.72	89.320	TOP OF PIPE	
0+120	91.64	89.240	TOP OF PIPE	
0+140	91.81	89.410	TOP OF PIPE	
0+153.2	91.92	89.520	11.1° HORIZONTAL BEND	
0+189.5	91.95	89.550	150mm TO 200mm REDUCER	
0+172.5	91.89	89.490	150mm VALVE AND BOX	
0+174.5	91.88	89.480	DRY FIRE HYD PER WS4	

50mmØ PEW WATERMAIN FOR TANK FILLING				
STATION	FRESH GRADE	TOP W/M	ITEM	
0+000	90.76	88.360	CONNECTION TO FIRE WATER TANK	
0+000	90.79	88.390	TOP OF PIPE	
0+060	91.07	88.670	TOP OF PIPE	
0+060	91.10	88.700	TOP OF PIPE	
0+080	91.02	88.620	TOP OF PIPE	
0+100	91.20	88.800	TOP OF PIPE	
0+120	91.47	89.070	TOP OF PIPE	
0+140	91.99	89.590	TOP OF PIPE	

SEWER AND WATERMAIN CROSSING TABLE						
CROSSING	STW INV	TOP WALL	STW INV	SAN INV	SAN INV	WTR TOP
▲	89.38(89.21)	90.13(90.22)				88.39
▲	89.54(89.41)	90.01(90.08)				88.94
▲	89.43(89.31)	90.02(90.10)	90.34(90.21)	90.36(90.36)		
▲			90.57(90.54)	90.67(90.65)	89.47	89.27
	89.94	90.24			89.47	

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS / SLEEVED SANITARY SERVICE



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- Legend
- PROPOSED WATERMAIN
 - PROPOSED VALVE AND VALVE BOX
 - PROPOSED DRY FIRE HYDRANT PER WS3
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED CATCH-BASIN MANHOLE
 - PROPOSED CATCH-BASIN
 - EXISTING WATERMAIN
 - EXISTING VALVE AND VALVE BOX
 - EXISTING VALVE CHAMBER
 - EXISTING REDUCER
 - EXISTING FIRE HYDRANT
 - EXISTING COMBINED SEWER
 - EXISTING STORM SEWER
 - EXISTING CATCH-BASIN MANHOLE
 - PROPOSED DEPRESSION CURB LOCATIONS
 - PROPOSED BARRIER CURB
 - THERMAL INSULATION STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 3.0m IN ALL PERIODS
 - ENGINEERED RETAINING WALL TO BE DESIGNED BY STRUCTURAL / GEOTECHNICAL ENGINEER
 - CHAIN LINK FENCE PER ARCHITECTURAL PLANS

Notes

Revision	By	App'd	YY MM DD
1	REVIEWED PER CITY COMMENTS	MJS	PM 26.04.04
2	REVIEWED PER SEE PLAN AND CITY COMMENTS	MJS	PM 26.04.04
3	REVIEWED PER CITY COMMENTS	MJS	PM 26.04.04
4	REVIEWED PER CITY COMMENTS	MJS	PM 26.04.04
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99	REVIEWED PER CITY COMMENTS	MJS	PM 26.04.04
100	REVIEWED PER CITY COMMENTS	MJS	PM 26.04.04

Permit-Seal



Client/Project
W.O. Stinson & Son Ltd.

VEHICLE YARD SERVICE BUILDING
301 SOMME STREET
OTTAWA, ON, CANADA

Title
SITE SERVICING PLAN

Project No.	Scale	Sheet	Revision
160402138	1:500		
Drawing No.			
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