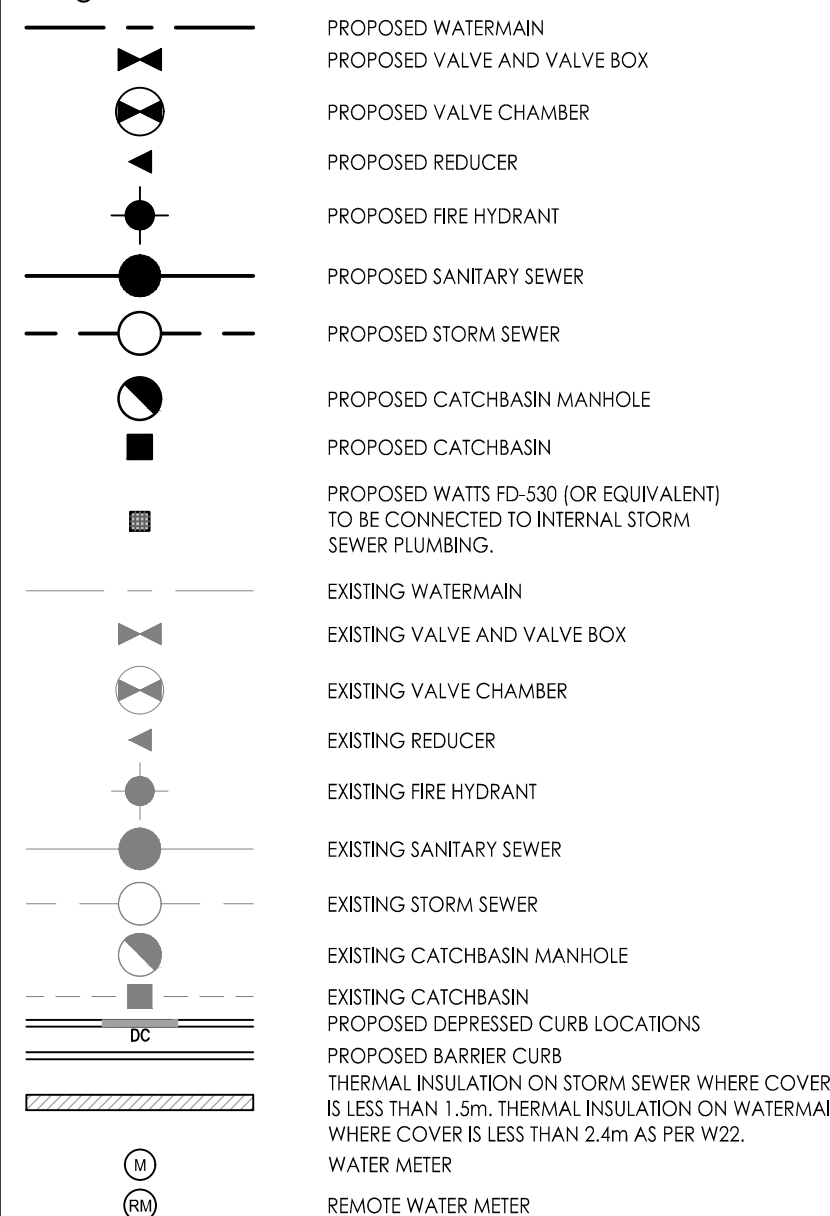


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Legend



Notes

- FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
- THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS.
- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- UNDERGROUND PARKING STRUCTURE FLOOR DRAINS TO BE CONNECTED TO SANITARY SEWER SERVICE.
- THE INTERNAL PLUMBING IN BUILDING A TO ACCOMMODATE THE INDEPENDENT CONNECTIONS OF BUILDING B TO THE SANITARY, WATER AND STORM SERVICE STUBS AT BUILDING A.
- STORM WATER MANAGEMENT TO BE PROVIDED THROUGH A CISTERN IN EACH BUILDING. CISTERN TO BE LOCATED IN THE ASSOCIATED UNDERGROUND PARKING.
  - BUILDING 1 CISTERN A = 38.0m<sup>3</sup> AND RELEASE RATE 34L/s PUMP RATE
  - BUILDING 2 CISTERN B = 21.0m<sup>3</sup> AND RELEASE RATE 15L/s PUMP RATE

Revision	By	Appd.	YY.MM.DD	
0	ISSUED FOR SPA	MJS	DT	21.11.22

File Name:	MJS	DT	MJS	21.09.22
160401672.DB	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

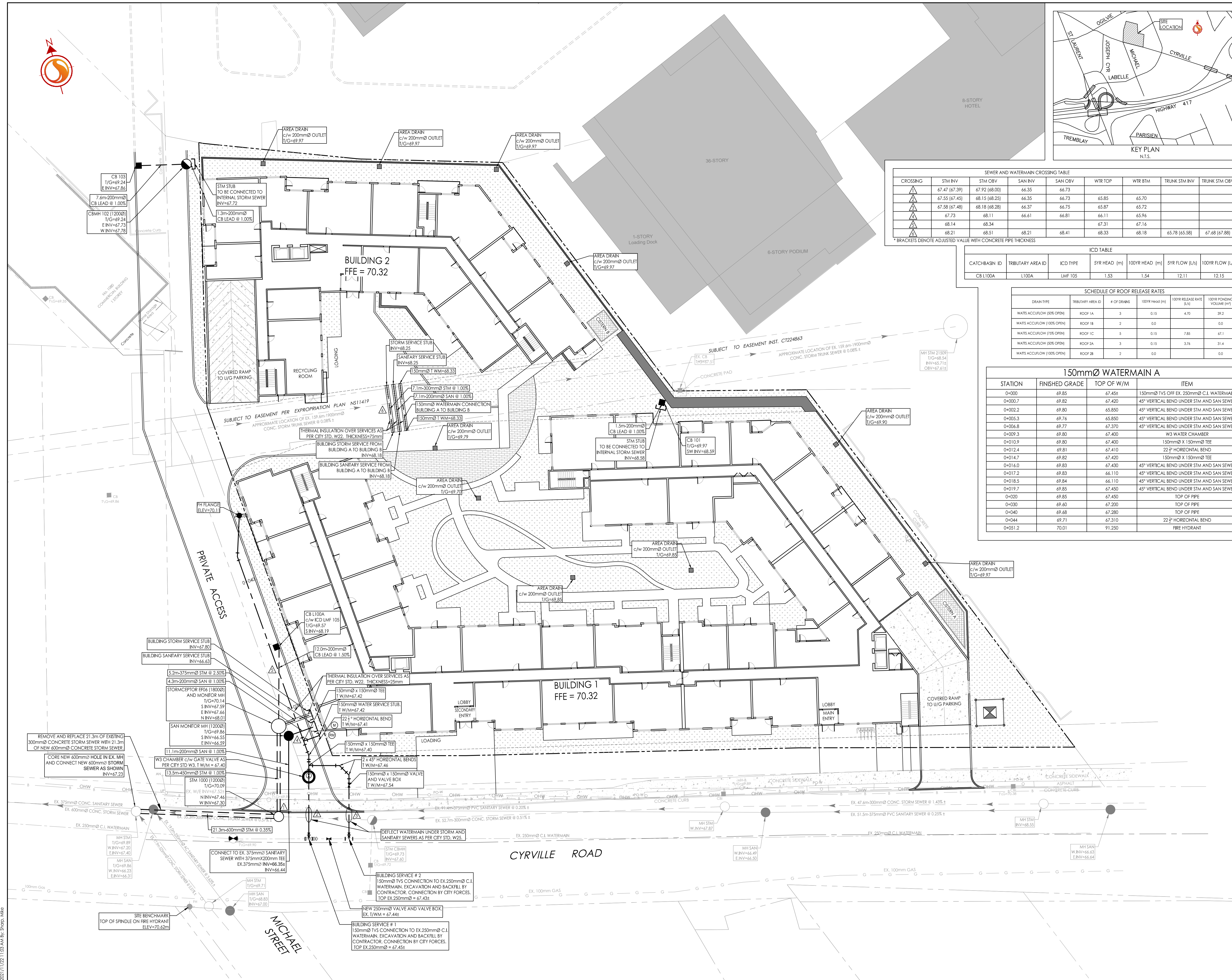
Client/Project  
WESTRICH PACIFIC CORP.

MULTI-FAMILY RESIDENTIAL DEVELOPMENT  
1125-1149 CYRVILLE ROAD  
OTTAWA, ON, CANADA

Title  
SITE SERVICING PLAN

Project No. 160401672	Scale 1:250	Sheet SSP-1	Revision X of 7
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Drawing No. 160401672 Sheet SSP-1 X of 7



SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	TRUNK STM INV	TRUNK STM OBV
▲	67.47 (67.39)	67.92 (68.00)	66.35	66.73	65.85	65.70		
▲	67.55 (67.45)	68.15 (68.25)	66.35	66.73	65.85	65.70		
▲	67.58 (67.48)	68.18 (68.28)	66.37	66.75	65.87	65.72		
▲	67.73	68.11	66.61	66.81	66.11	65.96		
▲	68.14	68.34	66.81	67.31	67.16			
▲	68.21	68.51	68.21	68.41	68.33	68.18	65.78 (65.58)	67.68 (67.88)

\* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

ICD TABLE

CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	5YR HEAD (m)	100YR HEAD (m)	5YR FLOW (L/s)	100YR FLOW (L/s)
CB L100A	L100A	LMF 10S	1.53	1.54	12.11	12.15

SCHEDULE OF ROOF RELEASE RATES

DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/s)	100YR PONDING VOLUME (m <sup>3</sup> )
WATTS ACCUFLOW (50% OPEN)	ROOF 1A	3	0.15	4.70	39.2
WATTS ACCUFLOW (100% OPEN)	ROOF 1B	2	0.0	0.0	0.0
WATTS ACCUFLOW (75% OPEN)	ROOF 1C	3	0.15	7.85	67.1
WATTS ACCUFLOW (50% OPEN)	ROOF 2A	3	0.15	3.76	31.4
WATTS ACCUFLOW (100% OPEN)	ROOF 2B	2	0.0	0.0	0.0

150mmØ WATERMAIN A

STATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000	69.85	67.45t	150mmØ TVS OFF EX. 250mmØ C.I. WATERMAIN
0+000.7	69.82	67.420	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+002.2	69.80	65.850	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+005.3	69.76	65.850	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+006.8	69.77	67.370	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+009.3	69.80	67.400	W3 WATER CHAMBER
0+010.9	69.80	67.400	150mmØ X 150mmØ TEE
0+012.4	69.81	67.410	22" HORIZONTAL BEND
0+014.7	69.82	67.420	150mmØ X 150mmØ TEE
0+016.0	69.83	67.430	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+017.2	69.83	66.110	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+018.5	69.84	66.110	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+019.7	69.85	67.450	45° VERTICAL BEND UNDER STM AND SAN SEWER
0+020	69.85	67.450	TOP OF PIPE
0+030	69.60	67.200	TOP OF PIPE
0+040	69.68	67.200	TOP OF PIPE
0+044	69.71	67.310	22" HORIZONTAL BEND
0+051.2	70.01	91.250	FIRE HYDRANT

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