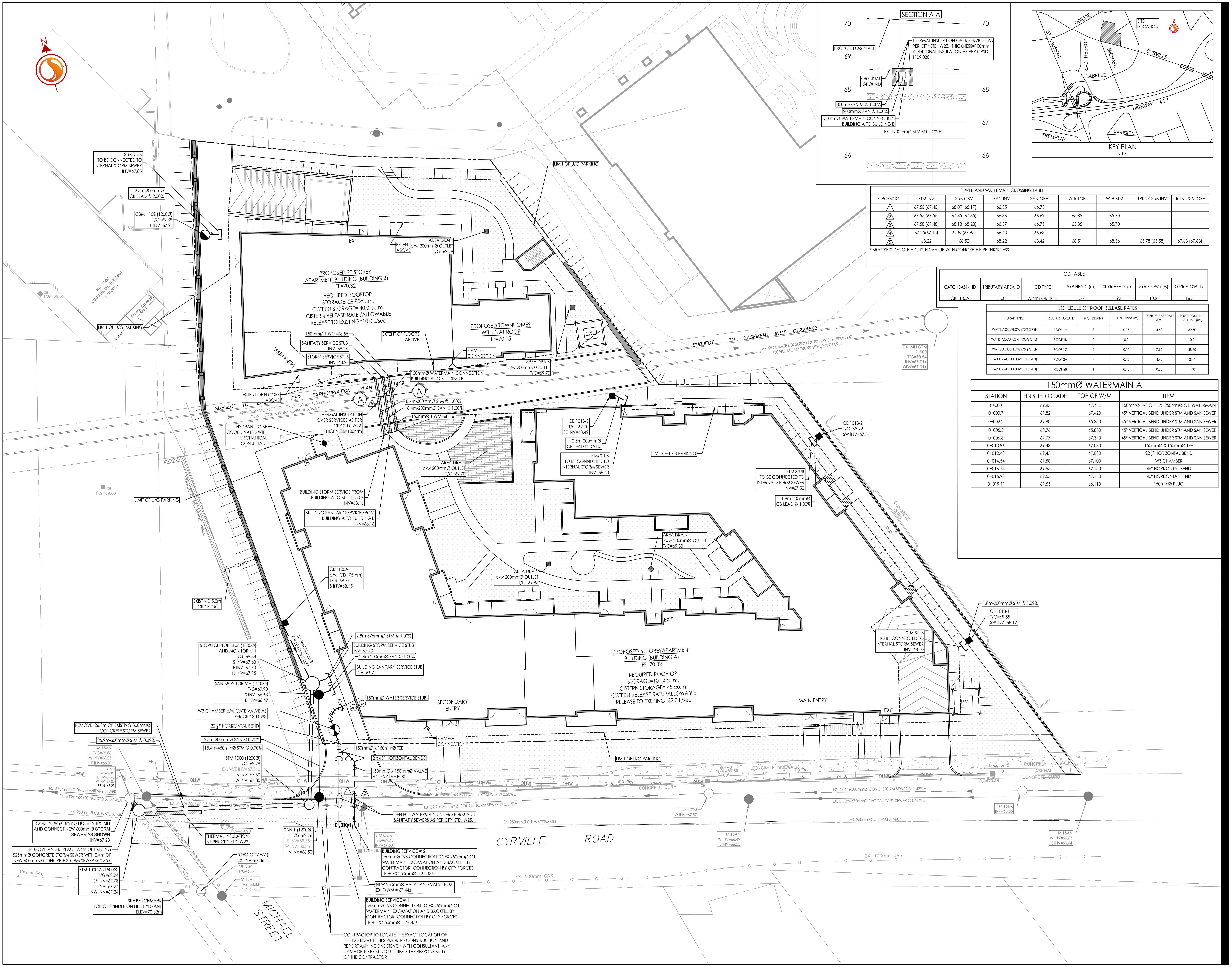

SEWER AND WATERMAIN CROSSING TABLE								
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	TRUNK STM INV	TRUNK STM OBV
1	67.50 (67.40)	68.07 (68.17)	66.35	66.73				
2	67.55 (67.55)	67.85 (67.85)	66.36	66.69	65.85	65.70		
3	67.58 (67.48)	68.18 (68.28)	66.37	66.75	65.85	65.70		
4	67.25(67.15)	67.85(67.95)	66.43	66.68				
5	68.22	68.52	68.22	68.42	68.51	68.36	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	L100	75mm ORIFICE	1.77	1.92	10.2	16.5

SCHEDULE OF ROOF RELEASE RATES					
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)	100YR PONDING VOLUME (m³)
WATTS ACCUFLOW (75% OPEN)	ROOF 1A	3	0.15	4.60	32.50
WATTS ACCUFLOW (100% OPEN)	ROOF 1B	2	0.0		0.0
WATTS ACCUFLOW (75% OPEN)	ROOF 1C	5	0.15	7.90	68.90
WATTS ACCUFLOW (CLOSED)	ROOF 2A	7	0.15	4.40	27.4
WATTS ACCUFLOW (CLOSED)	ROOF 2B	1	0.15	0.60	1.40

150mmØ WATERMAIN A			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000	69.85	67.45±	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+010.96	69.43	67.030	150mmØ X 150mmØ TEE
0+012.43	69.43	67.030	22½° HORIZONTAL BEND
0+014.54	69.50	67.100	W3 CHAMBER
0+016.74	69.55	67.150	45° HORIZONTAL BEND
0+016.98	69.55	67.150	45° HORIZONTAL BEND
0+019.11	69.55	66.110	150mmØ PLUG

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Legend

— – —	PROPOSED WATERMAIN
⋈	PROPOSED VALVE AND VALVE BOX
⊗	PROPOSED VALVE CHAMBER
◀	PROPOSED REDUCER
●	PROPOSED FIRE HYDRANT
—●—	PROPOSED SANITARY SEWER
– ○ –	PROPOSED STORM SEWER
◐	PROPOSED CATCHBASIN MANHOLE
■	PROPOSED CATCHBASIN
▦	PROPOSED WATTS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM SEWER PLUMBING.
— – —	EXISTING WATERMAIN
⋈	EXISTING VALVE AND VALVE BOX
⊗	EXISTING VALVE CHAMBER
◀	EXISTING REDUCER
●	EXISTING FIRE HYDRANT
—●—	EXISTING SANITARY SEWER
– ○ –	EXISTING STORM SEWER
◐	EXISTING CATCHBASIN MANHOLE
■	EXISTING CATCHBASIN
DC	PROPOSED DEPRESSED CURB LOCATIONS
═	PROPOSED BARRIER CURB
▬	PROPOSED RETAINING WALL
▨	THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
(M)	WATER METER
(RM)	REMOTE WATER METER

Notes

1. FINAL METER AND REMOTE METER LOCATINS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. 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.
3. INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
4. UNDERGROUND PARKING STRUCTURE FLOOR DRAINS TO BE CONNECTED TO SANITARY SEWER SERVICE.
5. 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.
6. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A CISTERN IN EACH BUILDING. CISTERN TO BE LOCATED IN THE ASSOCIATED UNDERGROUND PARKING.
   - BUILDING 1 CISTERN A = 45.0m³ AND RELEASE RATE 32L/s PUMP RATE
   - BUILDING 2 CISTERN B = 40.0m³ AND RELEASE RATE 10L/s PUMP RATE
   - TOTAL PERMITTED RELEASE RATE FROM SITE = 72.6 L/S
   - TOTAL POST DEVELOPMENT RELEASE RATE FROM SITE= 72.3 L/S (100 YR)

3	ISSUED FOR SPA	JP	DT	23.02.27
2	ISSUED FOR SPA	JP	DT	22.11.29
1	ISSUED FOR SPA	JP	DT	22.05.25
0	ISSUED FOR SPA	MJS	DT	21.11.22
Revision		By	Appd.	YY.MM.DD

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

Permit-Seal

P. MOROZ
90493552
2023-03-03

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 0 2.5 7.5 12.5m

Drawing No. SSP-1
Sheet 3 of 8
Revision 3

D07-12-21-0214

DWG# 18599

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