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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 CATCH BASIN MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED WAITS 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 CATCH BASIN MANHOLE
- EXISTING CATCH BASIN
- PROPOSED DEPRESSED CURB LOCATIONS
- 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.
- WATER METER
- REMOTE WATER METER
- MONITORING POINT (REFER TO GEOTECH. REPORT)
- PHASING LINE

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 SLUMP 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, STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A CISTERN IN EACH BUILDING. CISTERN TO BE LOCATED IN THE ASSOCIATED UNDERGROUND PARKING.
- BUILDING 1 CISTERN = 40.0m<sup>3</sup> AND RELEASE RATE 30.0 L/PUMP RATE
- BUILDING 2 CISTERN = 40.0m<sup>3</sup> AND RELEASE RATE 10.0 L/PUMP RATE
- TOTAL PERMITTED RELEASE RATE FROM SITE = 72.0 L/S
- TOTAL POST DEVELOPMENT RELEASE RATE FROM SITE = 72.3 L/S (100 YR)

NO.	ISSUED FOR	DATE	BY	APPD.
10	ISSUED FOR CITY REVIEW	JP	PM	24.04.09
9	ISSUED FOR SPA	JP	PM	24.02.01
8	ISSUED FOR SPA	JP	PM	24.01.26
7	ISSUED FOR SPA	JP	PM	23.12.22
6	ISSUED FOR SPA	JP	PM	23.11.29
5	ISSUED FOR SPA	JP	DT/PM	23.10.08
4	ISSUED FOR SPA	JP	DT	23.09.01
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:	MJS	DT	MJS	21.09.22
	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

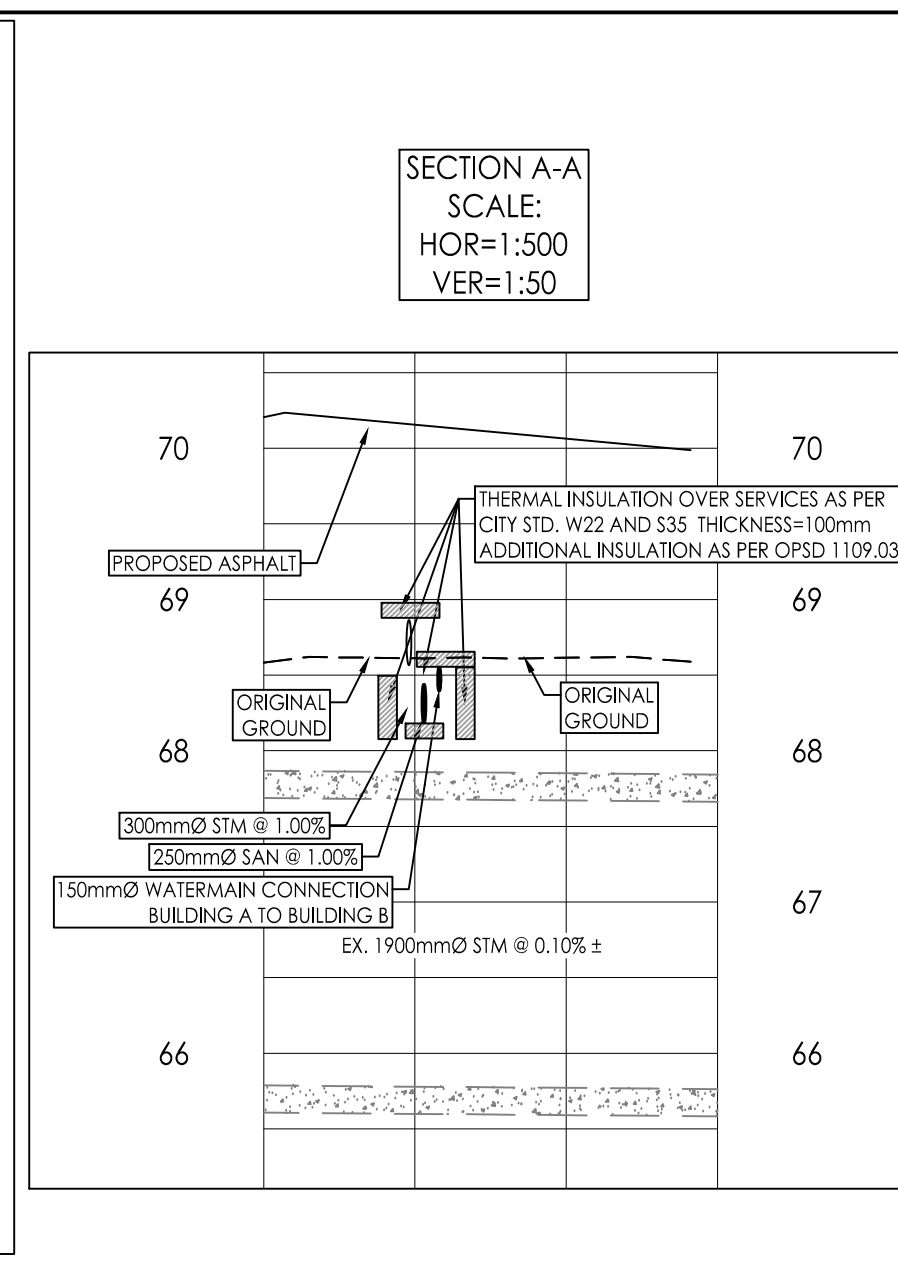
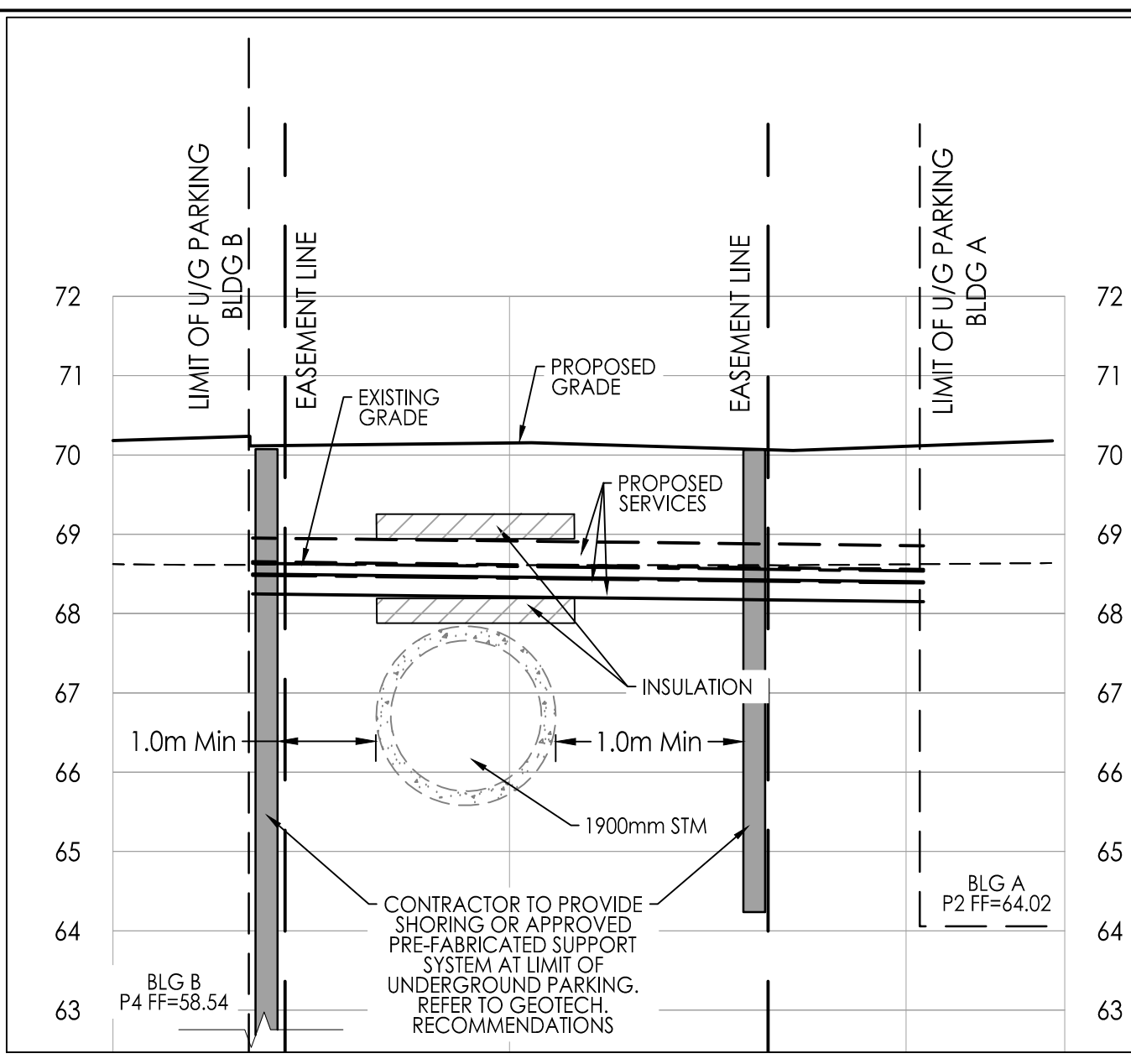
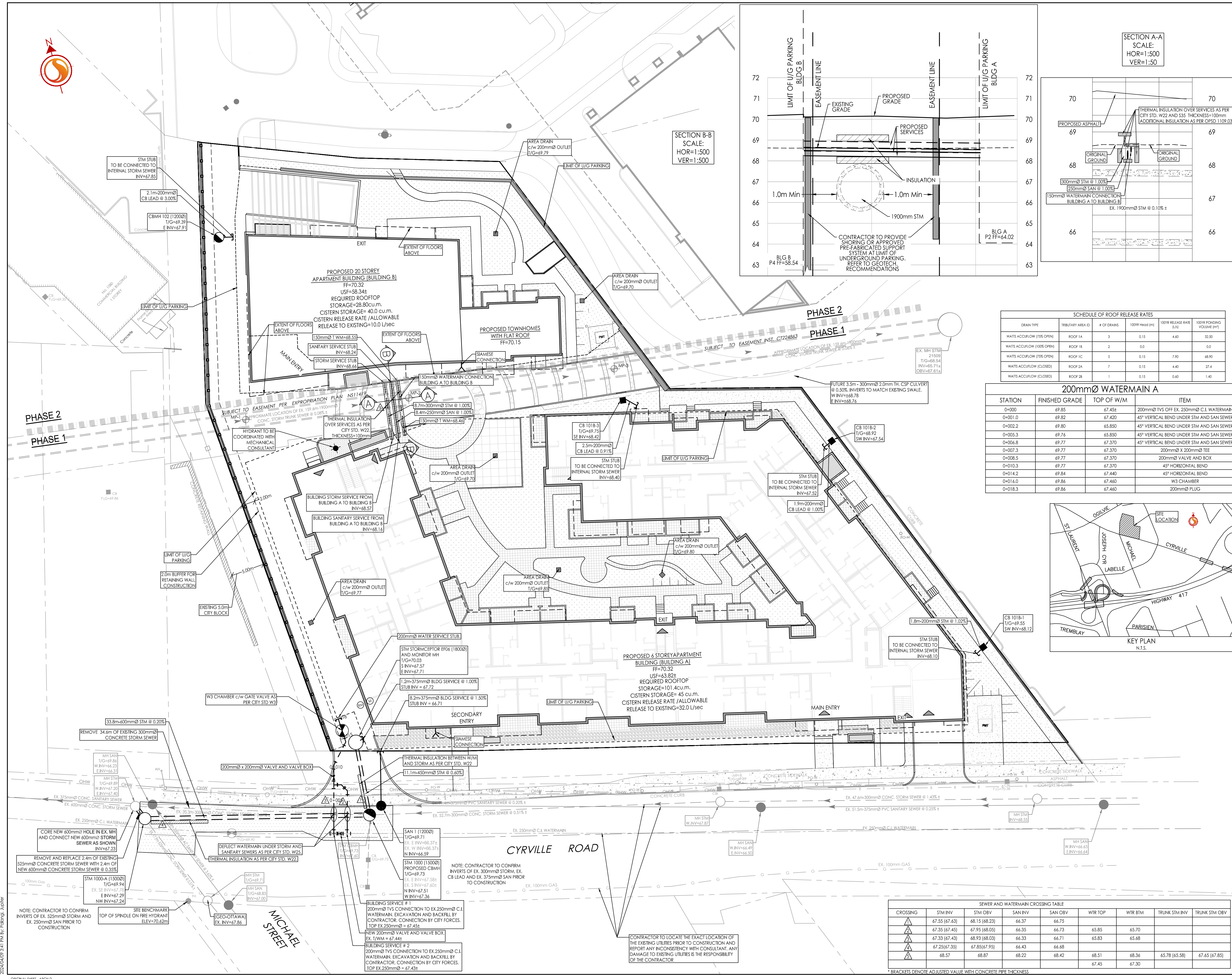
Drawing No.  
SSP-1

Scale  
0 2.5 7.5 12.5m  
1:250

Sheet  
3 of 8

Revision  
10

DWG# 18599

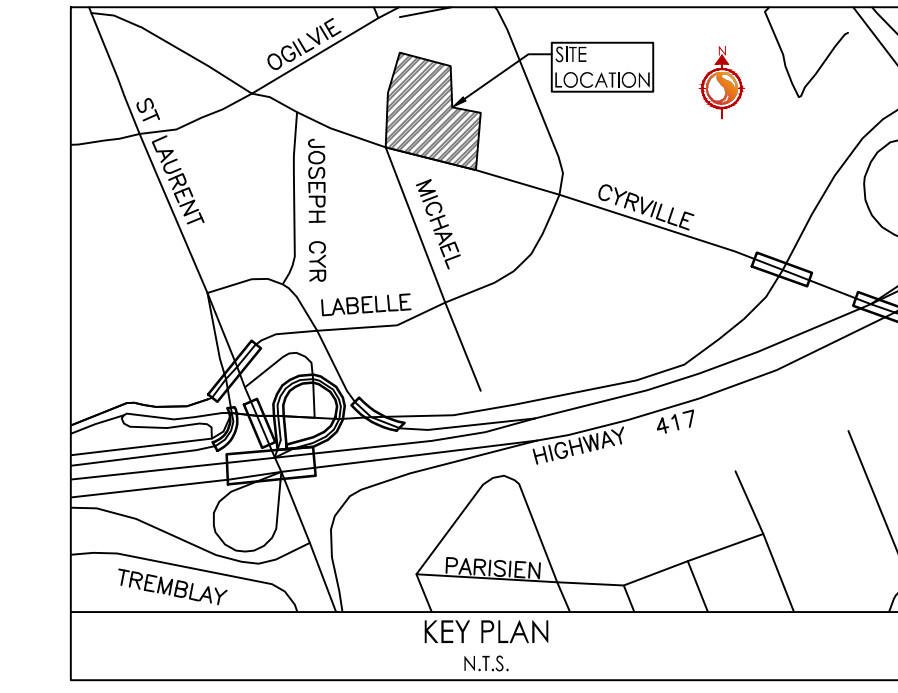


SCHEDULE OF ROOF RELEASE RATES

DRAIN TYPE	TRIBUTARY AREA (m <sup>2</sup> )	# OF DRAINS	100YR PUMP RATE (L/S)	100YR PONDING VOLUME (L)
WAITS ACC/FLOW (3% OPEN)	ROOF 1A	3	0.15	4.60
WAITS ACC/FLOW (100% OPEN)	ROOF 1B	2	0.0	0.0
WAITS ACC/FLOW (3% OPEN)	ROOF 1C	5	0.15	7.90
WAITS ACC/FLOW (CLOSED)	ROOF 2A	7	0.15	4.40
WAITS ACC/FLOW (CLOSED)	ROOF 2B	1	0.15	0.60

200mmØ WATERMAIN A

STATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000	69.85	67.45E	200mmØ TVS OFF EX. 250mmØ C.I. WATERMAIN
0+001.0	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+007.3	69.77	67.370	200mmØ X 200mmØ TEE
0+008.5	69.77	67.370	200mmØ VALVE AND BOX
0+010.3	69.77	67.370	45° HORIZONTAL BEND
0+014.2	69.84	67.440	45° HORIZONTAL BEND
0+016.0	69.86	67.460	W3 CHAMBER
0+018.3	69.86	67.460	200mmØ PLUG



SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	TRUNK STM INV	TRUNK STM OBV
▲	67.55 (67.63)	68.15 (68.23)	66.37	66.75	65.85	65.70		
▲	67.35 (67.45)	67.95 (68.05)	66.35	66.73	65.83	65.68		
▲	67.33 (67.43)	68.93 (69.03)	66.33	66.71	65.83	65.68		
▲	67.25 (67.35)	67.85 (67.95)	66.43	66.68	68.51	68.36	65.78 (65.88)	67.65 (67.85)
▲	68.57	68.87	68.22	68.42	67.45	67.30		

\* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS