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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 CATCHBASIN
- PROPOSED WATS 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
- 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 WZZ.
- WATER METER
- REMOTE WATER METER
- MONITORING POINTS (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 ORIENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARDS AND REGULATIONS.
- INTERNAL PLUMBING AND SANITARY TO BE ACCORDANCE TO 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 A = 45.0m<sup>3</sup> AND RELEASE RATE 32.0 L/SEC PUMP RATE  
BUILDING 2 CISTERN B = 45.0m<sup>3</sup> AND RELEASE RATE 32.0 L/SEC PUMP RATE  
TOTAL PERMITTED RELEASE RATE FROM SITE = 72.0 L/SEC  
TOTAL POST DEVELOPMENT RELEASE RATE FROM SITE = 72.0 L/SEC (100 YR)

Revision	By	Appd.	YY.MM.DD
14	JP	PM	24.04.20
13	JP	PM	24.05.24
12	JP	PM	24.05.06
11	JP	PM	24.04.19
10	JP	PM	24.04.09
9	JP	PM	24.02.01
8	JP	PM	24.01.26
7	JP	PM	23.12.22
6	JP	PM	23.11.29
5	JP	DT/PM	23.10.08
4	JP	DT	23.09.01
3	JP	DT	23.02.27
2	JP	DT	22.11.29
1	JP	DT	22.05.25
0	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**  
PHASE 1

Project No. 160401672

Scale 0 2.5 7.5 12.5m  
1:250

Drawing No. SSP-1

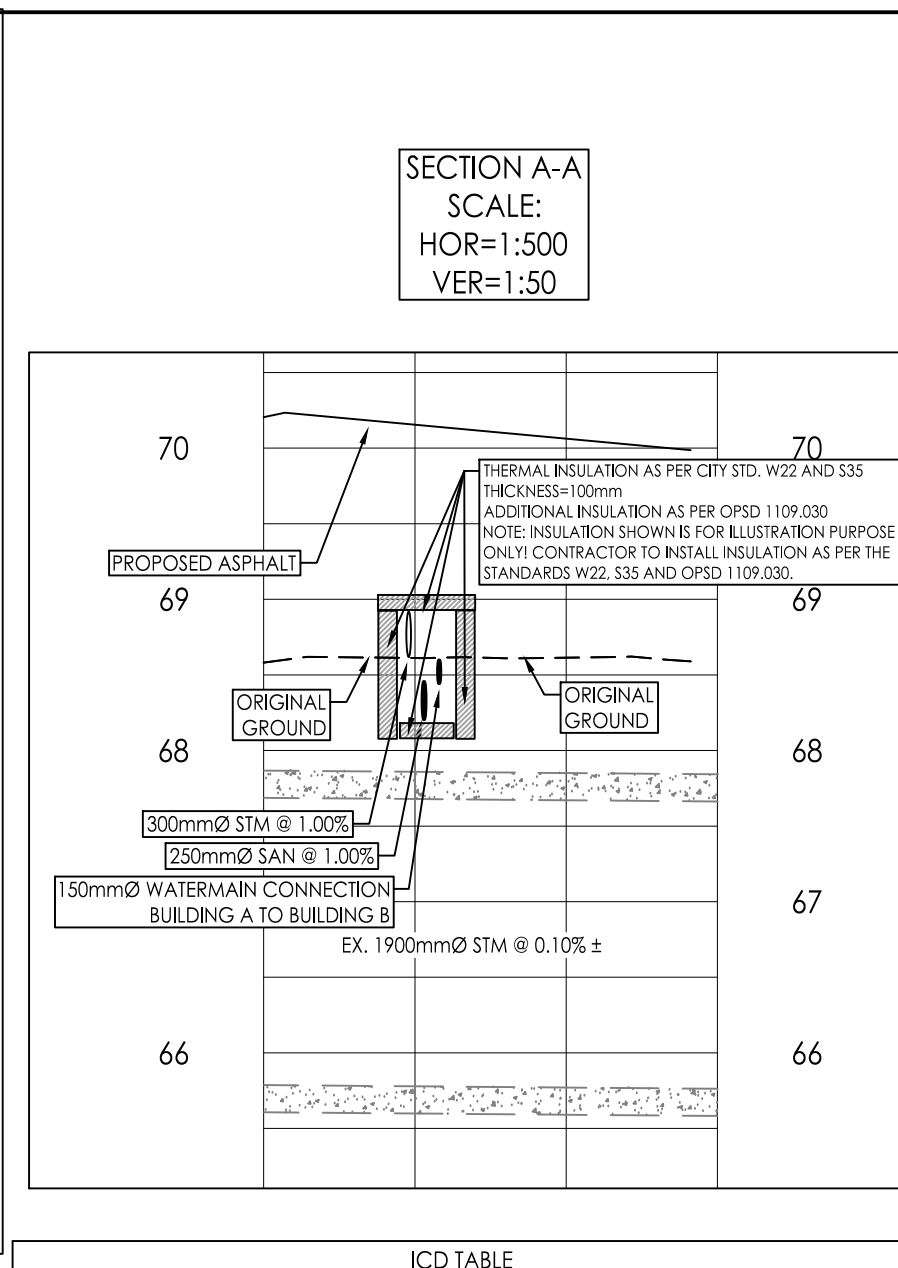
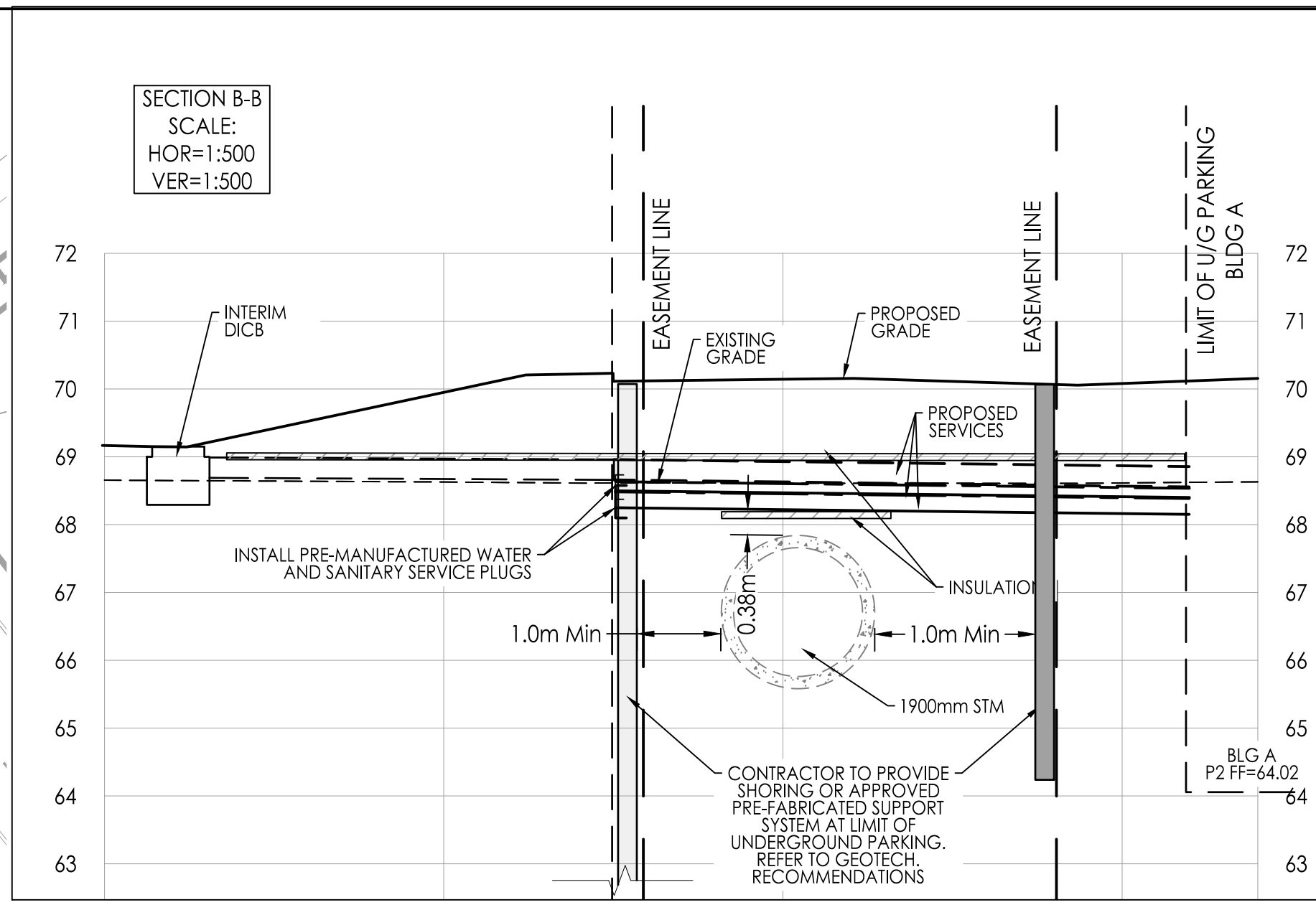
Sheet 3 of 10

Revision 14

DWG# 18599

*Allison Hamlin*  
**ALLISON HAMLIN, MCIP, RPP**  
**(ACTING) MANAGER,**  
**DEVELOPMENT REVIEW ALL WARDS PLANNING,**  
**DEVELOPMENT & BUILDING SERVICES**  
**DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Allison Hamlin at 4:29 pm, Jul 17, 2024



**ICD TABLE**

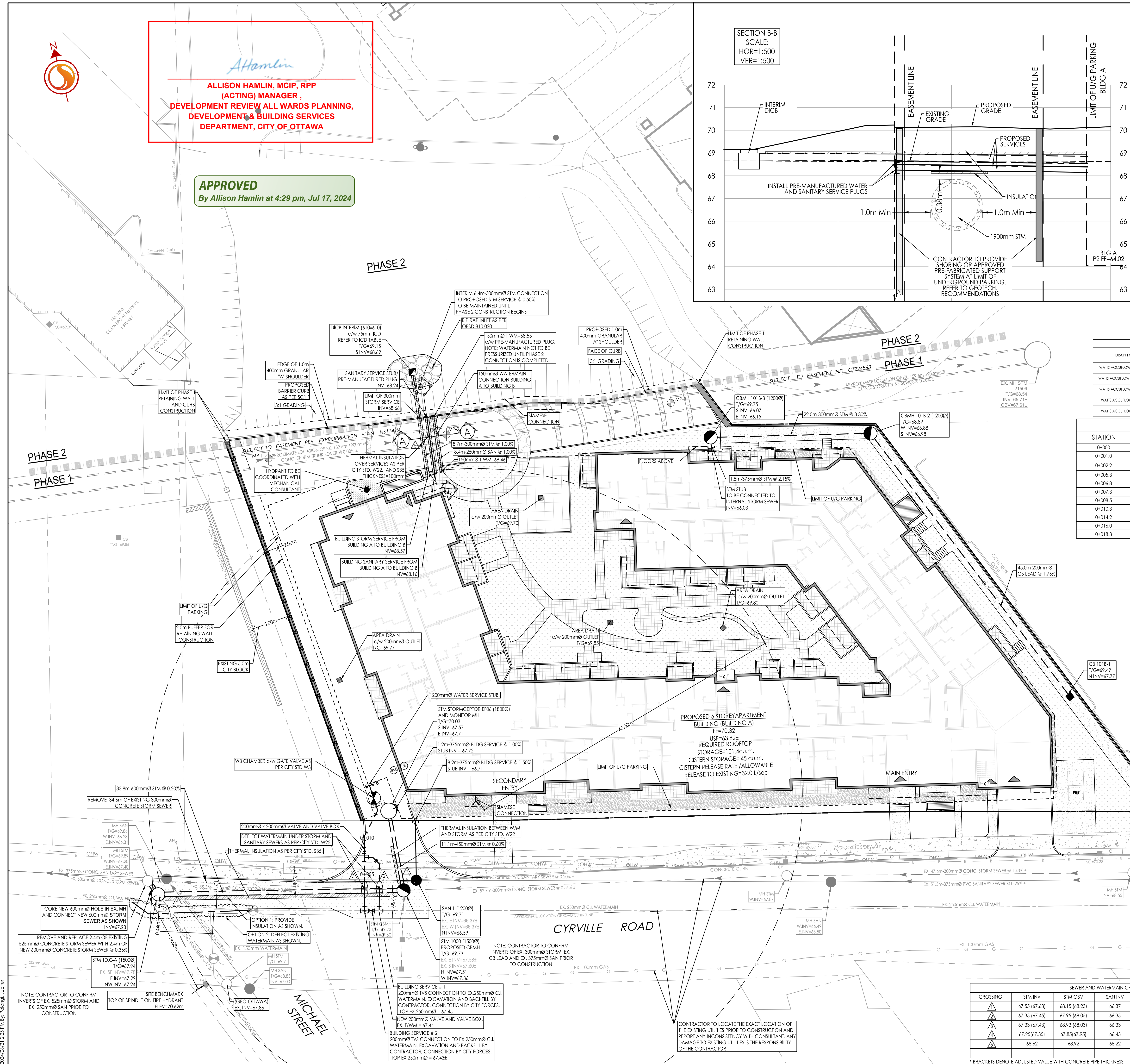
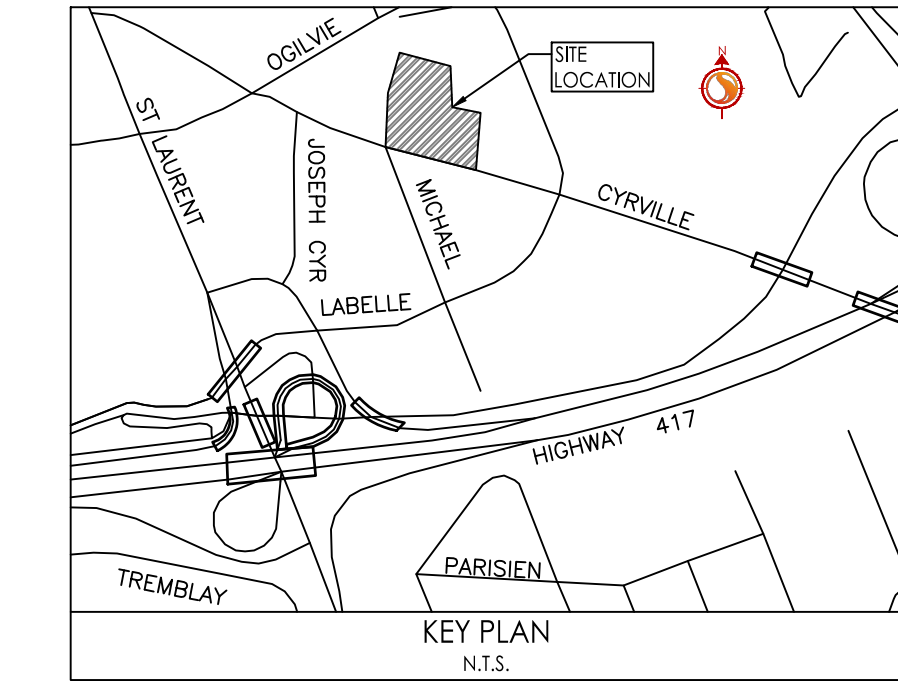
CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/S)
DICB INTERIM	PHASE 2	75mm ORBICE	0.71	10.0

**SCHEDULE OF ROOF RELEASE RATES**

DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/S)	100YR FLOODING VOLUME (L)
WATS ACCU/FLOW (75% OPEN)	ROOF 1A	3	0.15	4.60	32.30
WATS ACCU/FLOW (100% OPEN)	ROOF 1B	2	0.0	0.0	0.0
WATS ACCU/FLOW (75% OPEN)	ROOF 1C	5	0.15	7.90	48.90
WATS ACCU/FLOW (100% OPEN)	ROOF 2A	7	0.15	4.40	27.4
WATS ACCU/FLOW (100% OPEN)	ROOF 2B	1	0.15	0.60	1.40

**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				
▲	67.35 (67.45)	67.95 (68.05)	66.35	66.73	65.85	65.70		
▲	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	66.88				
▲	68.62	68.92	68.22	68.47	68.60	68.45	65.78 (65.58)	67.65 (67.85)

\* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS