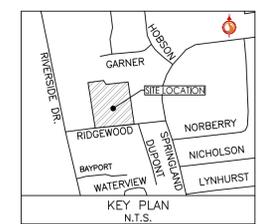




APPROVED
By Lily Xu at 11:39 am, Feb 12, 2025

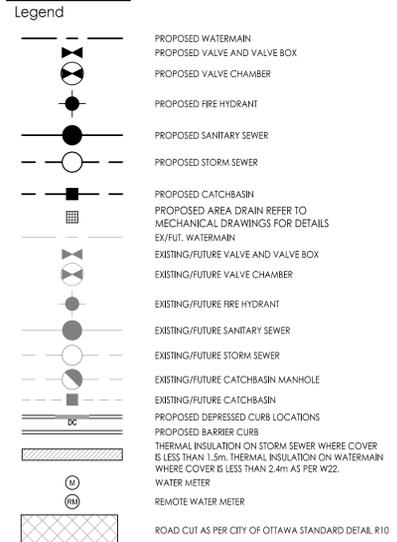


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- Notes**
- ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN.
 - FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
 - THE LOCATION OF UTILITIES IS 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 STANDARDS AND REGULATIONS.
 - INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
 - STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 50m³ CISTERN LOCATED IN THE UNDERGROUND PARKING.
 - MAX. CISTERN RELEASE RATE TO STORM SEWER = 166.2L/s
 - BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS 3 STOREYS AND HIGHER.
 - SUMP PUMP REQUIRED TO DISCHARGE TO INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
 - FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
 - USF TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

Revision	By	Appd.	YY.MM.DD
5	ISSUED FOR SPA	MJS	DT 24.08.13
4	REVISED ROOF RELEASE RATES	MJS	DT 24.04.02
3	REVISED AS PER CITY COMMENTS	MJS	DT 24.01.15
2	REVISED AS PER CITY COMMENTS	MJS	DT 23.03.02
1	REVISED AS PER CITY COMMENTS	MJS	DT 22.07.05
0	ISSUED FOR SPA	MJS	AMP 21.06.09

File Name:	MJS	AMP	MJS	21.06.01
160401536 DB DWG	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project
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MOONEY'S BAY
729 RIDGEWOOD AVENUE
OTTAWA, ON, CANADA

Title
SITE SERVICING PLAN

Project No.	Scale	0 3 9 15m
160401536	1:300	
Drawing No.	Sheet	Revision
SSP-1	3 of 7	5

SCHEDULE OF ROOF RELEASE RATES

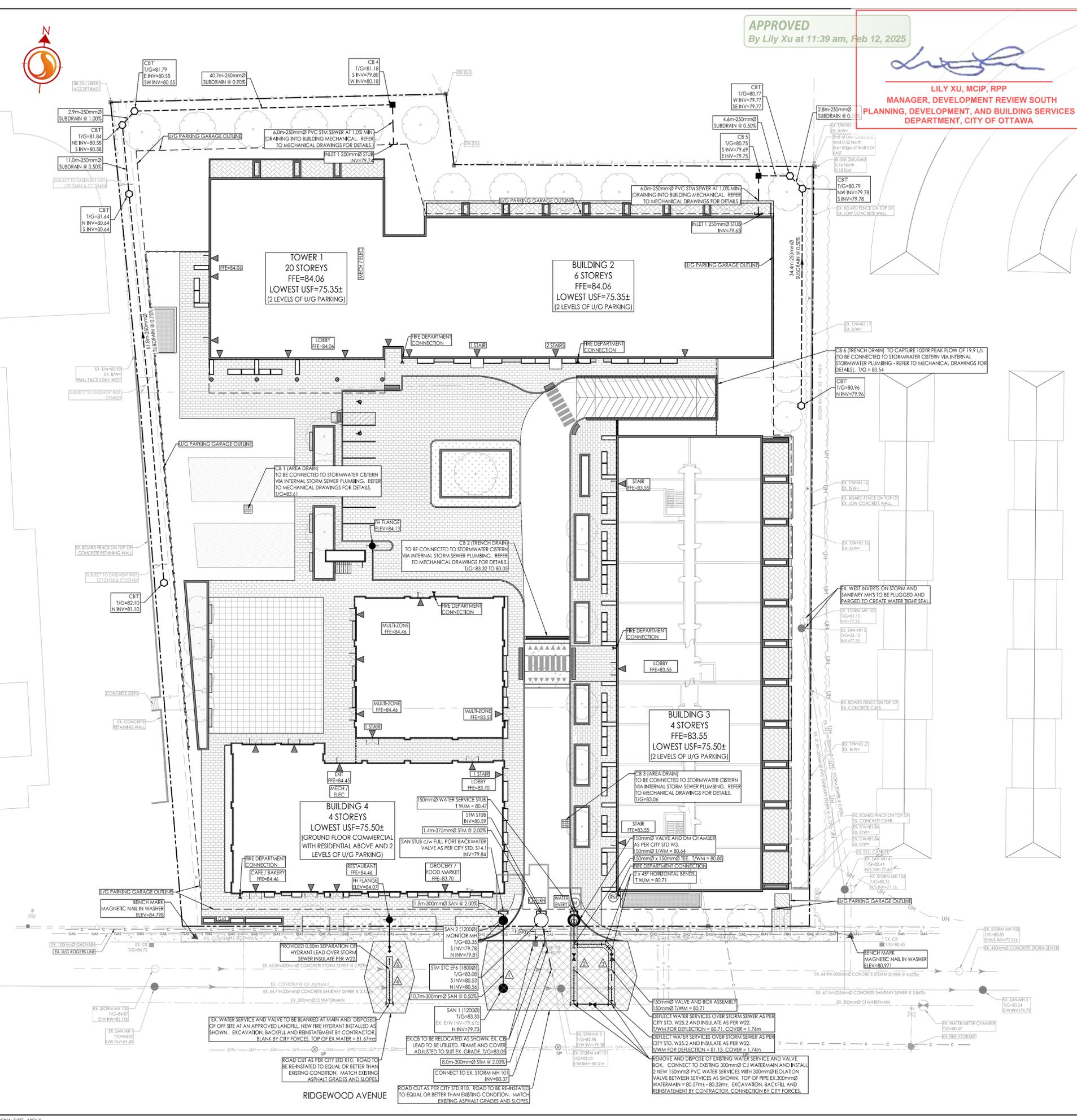
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
WATTS ACCUFLOW (CLOSED WEIR)	ROOF 1	12	0.13	7.6
WATTS ACCUFLOW (50% OPEN)	ROOF 2	9	0.12	9.9
WATTS ACCUFLOW (CLOSED WEIR)	ROOF 3	15	0.14	9.5
WATTS ACCUFLOW (CLOSED WEIR)	ROOF 4	15	0.14	9.5

SEWER AND WATERMAIN CROSSING TABLE

CROSSING	SIM INV	SIM OBV	SAN INV	SAN OBV	WTR TOP	WTR BIM
▲	80.53 (80.46)	80.83 (80.70)	79.75	79.95		
▲	80.11 (80.04)	80.41 (80.48)	79.28 (79.21)	79.51 (79.58)	81.13	80.98
▲	79.84 (79.77)	80.14 (80.21)	79.04 (78.97)	79.27 (79.34)	80.86	80.71
▲	81.06 (80.99)	81.36 (81.43)	80.23 (80.16)	80.46 (80.53)	81.85	81.70

ICD TABLE

CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	2YR HEAD (m)	100YR HEAD (m)	2YR FLOW (L/s)	100YR FLOW (L/s)
CB 4	TANK 4	VORTEX LMF 60	1.38	1.66	4.7	7.4
CB 5	TANK 5	VORTEX LMF 60	0.44	1.21	3.8	6.3



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 ORIGINAL SHEET - ARCH D