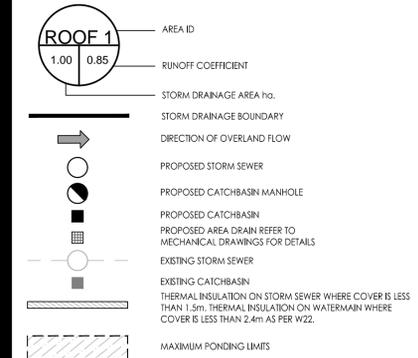


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### Legend



### Notes

- ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS.
- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 50m<sup>3</sup> CISTERN LOCATED IN THE UNDERGROUND PARKING.
- MAX. CISTERN RELEASE RATE TO STORM SEWER = 166.2L/s

NO.	DESCRIPTION	MJS	DT	DATE
5	ISSUED FOR SPA			24.08.13
4	REVISED ROOF RELEASE RATES			24.04.02
3	REVISED AS PER CITY COMMENTS			24.01.15
2	REVISED AS PER CITY COMMENTS			23.03.02
1	REVISED AS PER CITY COMMENTS			22.07.05
0	ISSUED FOR SPA		AMP	21.06.09

Revision By Appd. YY.MM.DD

File Name:	MJS	AMP	MJS	DATE
160401536 DB DWG				21.06.01

Permit-Seal

Client/Project  
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 OTTAWA, ON, CANADA

Title  
**STORM DRAINAGE PLAN**

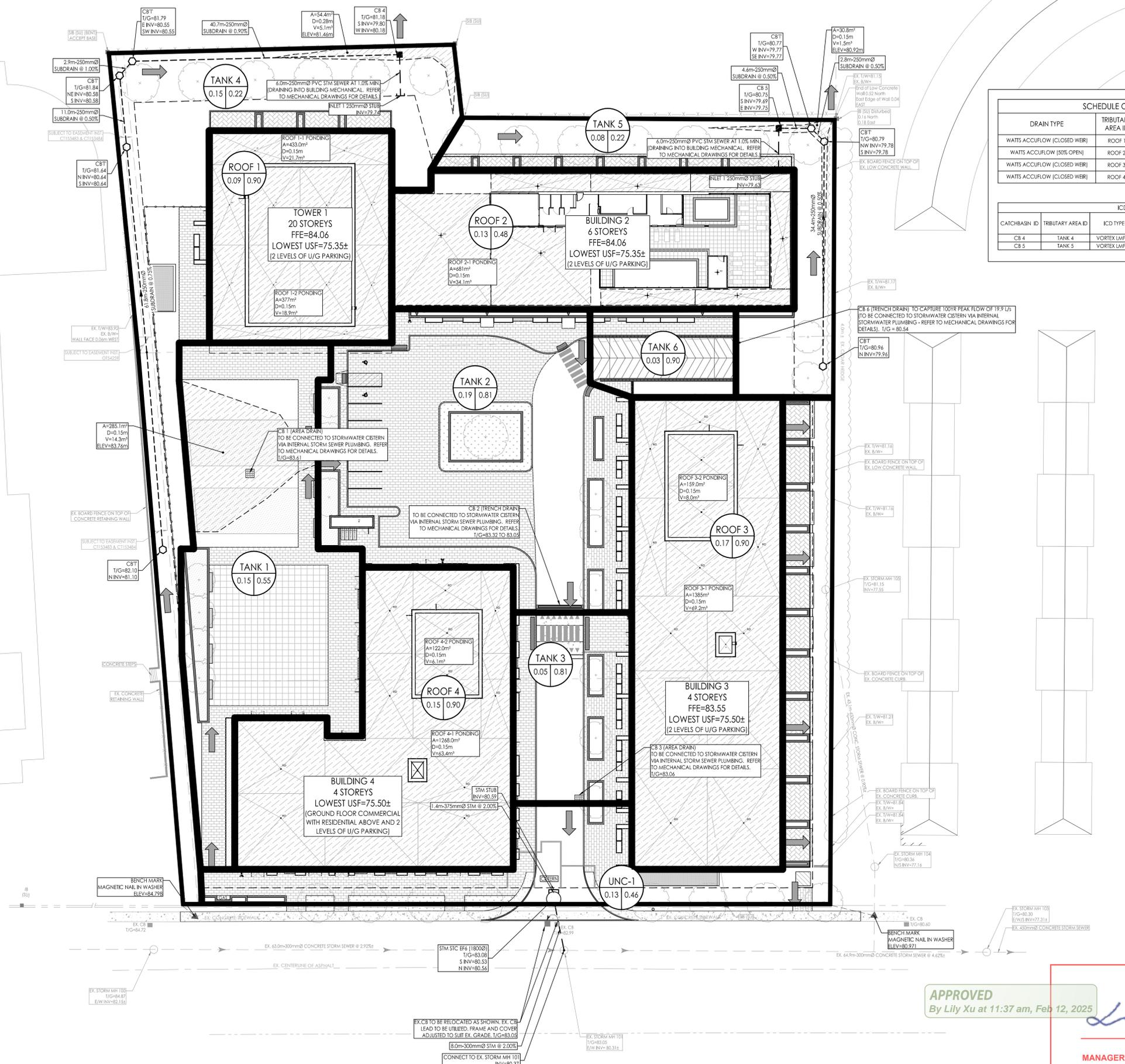
Project No. 160401536  
 Drawing No. SD-1  
 Scale 1:300  
 Sheet 6 of 7  
 Revision 5  
 Date 2024-02-12

### SCHEDULE OF ROOF RELEASE RATES

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

### 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 80	1.38	1.66	6.7	7.4
CB 5	TANK 5	VORTEX LMF 80	0.44	1.21	3.8	6.3



**APPROVED**  
By Lily Xu at 11:37 am, Feb 12, 2025

*Lily Xu*  
**LILY XU, MCIP, RPP**  
 MANAGER, DEVELOPMENT REVIEW SOUTH  
 PLANNING, DEVELOPMENT, AND BUILDING SERVICES  
 DEPARTMENT, CITY OF OTTAWA

RIDGEWOOD AVENUE

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2024/02/12 11:37 AM by 3152/PL/AM