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Legend

- L101A**
1.00 0.85
- AREA ID
 - RUNOFF COEFFICIENT
 - STORM DRAINAGE AREA NO.
 - STORM DRAINAGE BOUNDARY
 - DIRECTION OF OVERLAND FLOW
 - PROPOSED STORM MH AND SEWER
 - PROPOSED CATCHBASIN
 - PROPOSED WATS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM SEWER PLUMBING.
 - EXISTING STORM MH AND SEWER
 - EXISTING CATCHBASIN
 - THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. CITY OF OTTAWA STD S35.
 - MAXIMUM STATIC PONDING LIMITS
 - CIRCULAR ORIFICE (SEE ICD TABLE)

APPROVED

By Kersten Nitsche at 3:19 pm, Aug 08, 2025

Kersten Nitsche

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PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA**



ROOF DRAIN SCHEDULE				
TRIBUTARY AREA ID	# OF DRAINS	DRAIN TYPE	100YR RELEASE RATE (L/S)	100YR PONDING VOLUME (m³)
ROOF 1B	3	Watts Accuflow, Fully closed	1.9	7.2
ROOF 2B	3	Watts Accuflow, Fully closed	1.9	2.5
ROOF 3B	3	Watts Accuflow 25% Open	2.7	9.4

ICD TABLE					
CATCHBASIN ID	INVERT	ICD TYPE	ICD SIZE	100YR HEAD (m)	100YR FLOW (L/S)
L102A	63.95	IPEx Tempst HF	108mm	1.16	22.9
L103A	64.03	IPEx Tempst HF	83mm	1.13	13.4
CB-1	63.72	IPEx Tempst HF	95mm	1.54	22.4
TANK OUTLET	63.5	Circular Orifice Plate	300mm	0.48	85.5

5	ISSUED FOR CITY REVIEW	JP	PM	25.05.30
4	ISSUED FOR CITY REVIEW	JP	PM	25.04.14
3	ISSUED FOR CITY REVIEW	JP	PM	25.02.12
2	ISSUED FOR CITY REVIEW	JP	PM	24.11.28
1	ISSUED FOR CITY REVIEW	JP	PM	24.03.28
Revision		By	Appd.	YY.MM.DD

File Name:	160401689-D8	JP	DT	JP	24.02.28
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

WINDMILL DEVELOPMENT GROUP LTD.

2475 REGINA STREET

Ottawa, ON

Title

STORM DRAINAGE PLAN

Project No.

160401689

Drawing No.

SD-1

Scale

1:300

Sheet

10 of 12

Revision

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