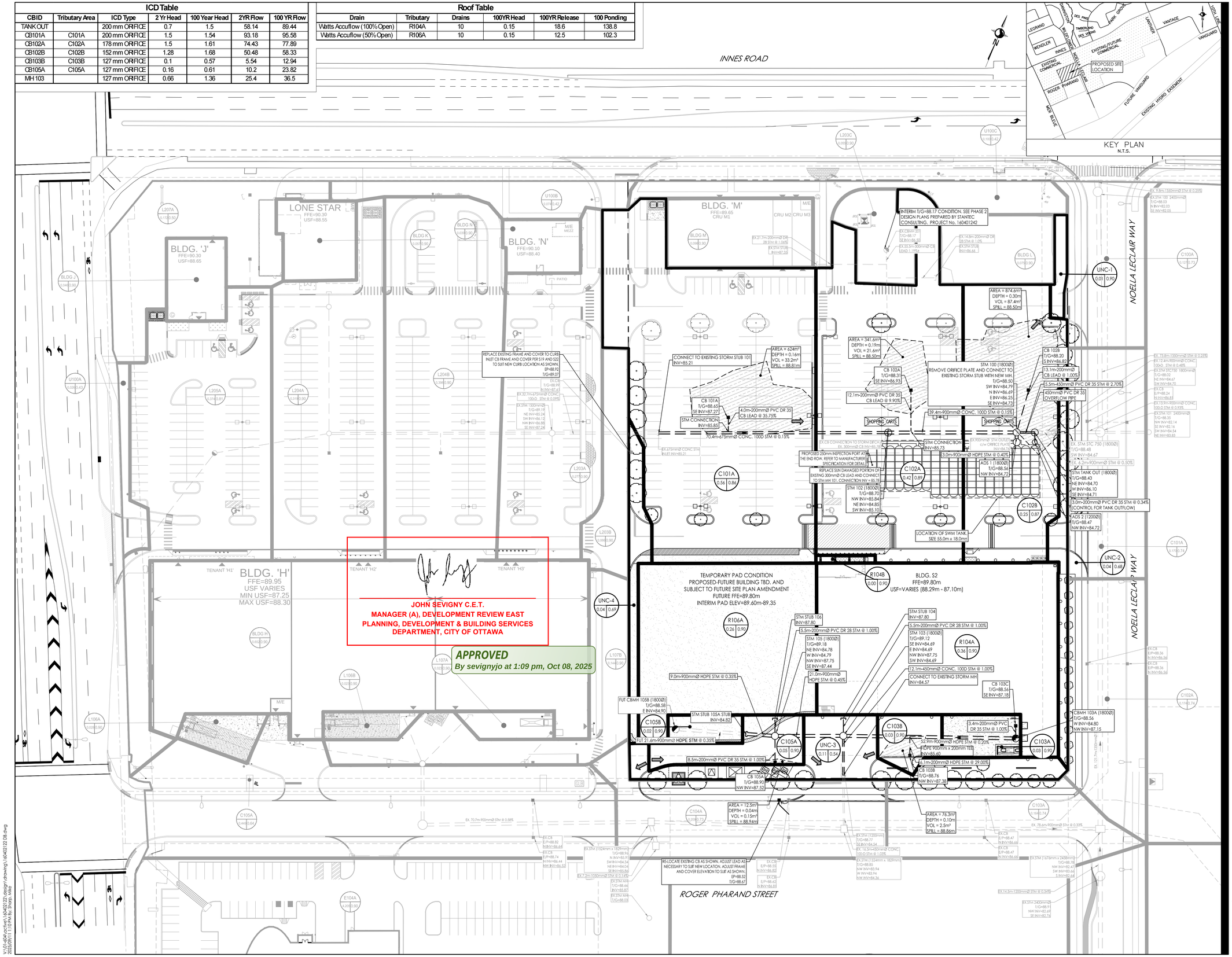
ICD Table

CBID	Tributary Area	ICD Type	2 Yr Head	100 Year Head	2YR Flow	100 YR Flow
TANK OUT		200 mm ORIFICE	0.7	1.5	58.14	89.44
CB101A	C101A	200 mm ORIFICE	1.5	1.54	93.18	95.58
CB102A	C102A	178 mm ORIFICE	1.5	1.61	74.43	77.89
CB102B	C102B	152 mm ORIFICE	1.28	1.68	50.48	58.33
CB103B	C103B	127 mm ORIFICE	0.1	0.57	5.54	12.94
CB105A	C105A	127 mm ORIFICE	0.16	0.61	10.2	23.82
MH103		127 mm ORIFICE	0.66	1.36	25.4	36.5

Roof Table

Drain	Tributary	Drains	100YR Head	100YR Release	100 Ponding
Watts Accuflow (100% Open)	R104A	10	0.15	18.6	138.8
Watts Accuflow (50% Open)	R106A	10	0.15	12.5	102.3



Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend

- L101A (1.00 | 0.85) — AREA ID; RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- EXT-1 (1.00 | 0.50) — EXISTING AREA ID; EXISTING RUNOFF COEFFICIENT
- EXISTING STORM DRAINAGE AREA ha.
- EXTERNAL STORM DRAINAGE BOUNDARY
- DIRECTION OF EMERGENCY OVERLAND FLOW
- PROPOSED STORM MH AND SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- EXISTING STORM MH AND SEWER
- EXISTING CATCHBASIN
- EXISTING STORM MH AND SEWER
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AS PER S35.
- MAXIMUM STATIC PONDING LIMITS

Notes

Revision	By	Appd.	YY.MM.DD
4 REVISED PER NEW SITE PLAN	MJS	KS	25.09.11
3 REVISED PER CITY COMMENTS	MJS	KS	25.08.19
2 REVISED PER CITY COMMENTS	MJS	KS	25.07.22
1 ISSUED FOR TENDER	MJS	GR	25.06.24
0 ISSUED FOR SPA	MJS	KS	25.04.17

File Name: 160402122 D8.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	MJS	DT	MJS	25.03.31

Permit-Seal

LICENSED PROFESSIONAL ENGINEER — K.L. SMADELLA — 2025-09-12 — PROVINCE OF ONTARIO

Client/Project

SmartREIT (Orleans II) Inc. &
Mer Bleue Shopping Centres Limited
3200 HIGHWAY 7, VAUGHAN, ON. L4K 5Z5
Orleans II Frontage Phase 3
2025 MER BLEUE ROAD
OTTAWA, ON, CANADA

Title

STORM DRAINAGE PLAN

Project No.	Scale	
160402122	1:500 (0 5 15 25m)	
Drawing No.	**Sheet**	**Revision**
SD-1	6 of 7	4

PLAN # 19289

D07-12-25-0059

ORIGINAL SHEET - ARCH D