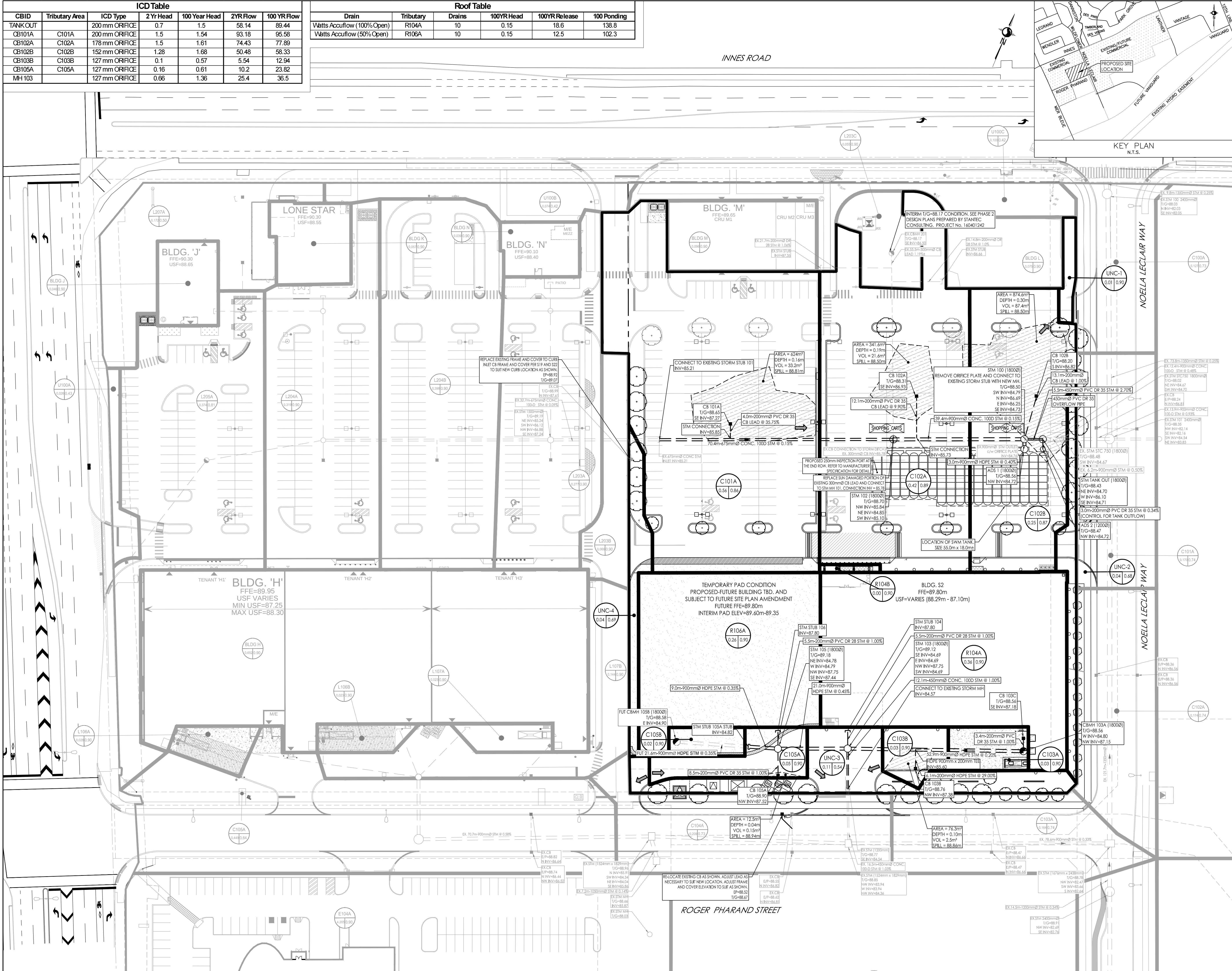
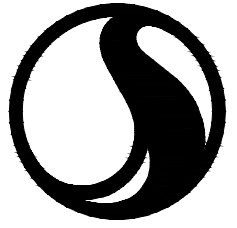


ICD Table						
CBID	Tributary Area	ICD Type	2 Yr Head	100 Year Head	2YR Flow	100 YR Flow
TANK OUT						
CB101A	C101A	200 mm ORFICE	0.7	1.5	58.14	89.44
CB102A	C102A	178 mm ORFICE	1.5	1.61	74.43	77.89
CB102B	C102B	152 mm ORFICE	1.28	1.68	50.48	58.33
CB103B	C103B	127 mm ORFICE	0.1	0.57	5.54	12.94
CB105A	C105A	127 mm ORFICE	0.16	0.61	10.2	23.82
MH 103		127 mm ORFICE	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

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Legend

- L101A AREA ID
- 1.00 0.85 RUNOFF COEFFICIENT
- STORM DRAINAGE AREA No.
- STORM DRAINAGE BOUNDARY
- EXT-1 EXISTING AREA ID
- 1.00 0.50 EXISTING RUNOFF COEFFICIENT
- EXISTING STORM DRAINAGE AREA No.
- 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

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	25.04.24
0	ISSUED FOR SPA	MJS	KS	25.04.17

Revision

By	Appd.	YY.MM.DD
MJS		25.03.31

File Name: 160402122 DB.dwg

MJS	DT	MJS	25.03.31
Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

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.

160402122

Drawing No.

SD-1

Scale

1:500

Sheet

6 of 7

Revision

4

PLAN # 19289

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ORIGINAL SHEET - ARCH D

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