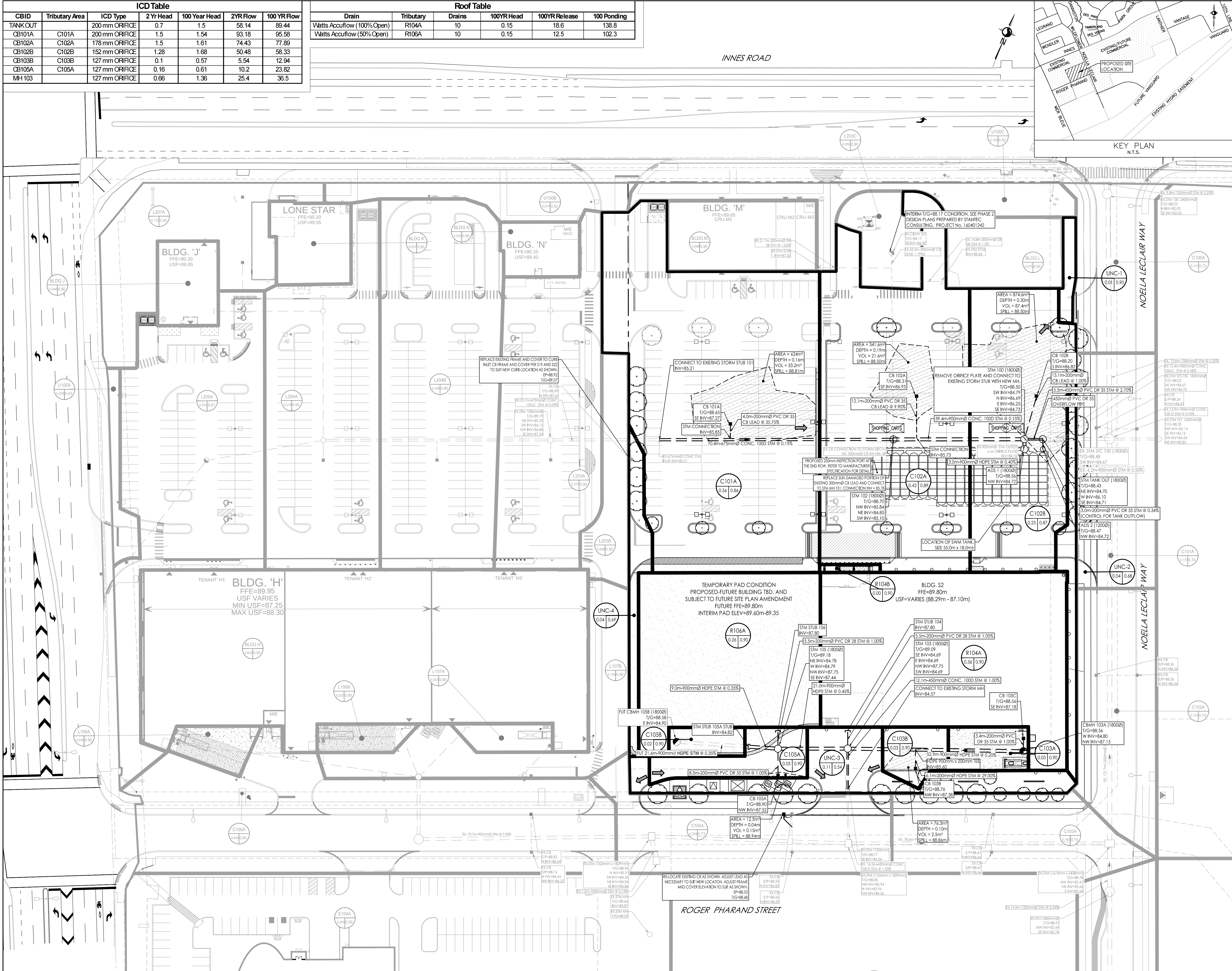
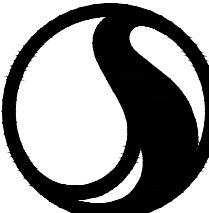


ICD Table						
CBID	Tributary Area	ICD Type	2 Yr Head	100 Year Head	2YR Flow	100 YR Flow
TANK OUT						
CB101A	C101A	200 mm ORFICE	0.7	1.5	58.14	89.44
CB102A	C102A	178 mm ORFICE	1.5	1.61	74.43	77.89
CB102B	C102B	152 mm ORFICE	1.28	1.68	50.48	58.33
CB103B	C103B	127 mm ORFICE	0.1	0.57	5.54	12.94
CB105A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

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** AREA ID
- 1.00 0.85** RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ID.
- STORM DRAINAGE BOUNDARY
- EXT-1** EXISTING AREA ID
- 1.00 0.50** EXISTING RUNOFF COEFFICIENT
- EXISTING STORM DRAINAGE AREA ID.
- 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

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
Dwn.	Chkd.	Dgn.

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
3

PLN # 19289

V:\1\160402122\160402122.dwg
2025/08/19 10:25:41 AM MJS
ORIGINAL SHEET - ARCH D

D07-12-25-0059