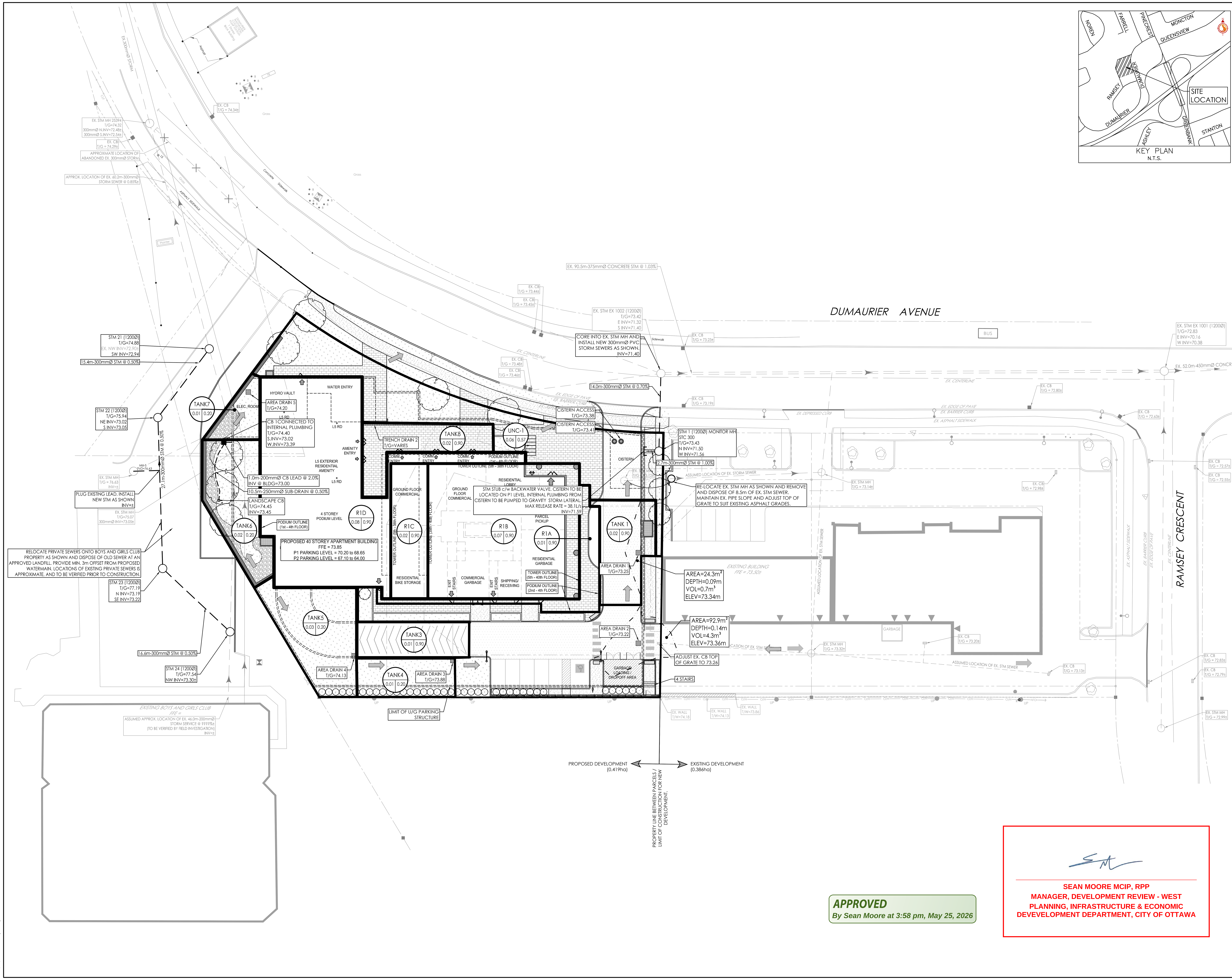


APPROVED
By Sean Moore at 3:58 pm, May 25, 2026

SEAN MOORE MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - WEST
PLANNING, INFRASTRUCTURE & ECONOMIC DEVEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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2025/11/13 9:03 AM By: Sharp, Mike

ORIGINAL SHEET - ARCH D

Stantec

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Legend

- R1A — AREA ID
- 1.00 / 0.85 — RUNOFF COEFFICIENT; STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM STATIC PONDING LIMITS
- EMERGENCY OVERLAND FLOW DIRECTION
- EXISTING EMERGENCY OVERLAND FLOW DIRECTION
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN
- PROPOSED WATTS AREA DRAIN OR EQUIVALENT TO BE CONNECTED TO STORMWATER CISTERN VIA INTERNAL STORM SEWER PLUMBING. REFER TO MECHANICAL DRAWINGS FOR DETAILS.
- EXISTING STORM SEWER
- EXISTING CATCHBASIN
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5 PER S35. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
- LANDSCAPE AREAS

Notes

1. INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
2. ROOF DRAINS CONNECTED TO INTERNAL PLUMBING SYSTEM AND STORMWATER MANAGEMENT CISTERN.
3. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 120m³ CISTERN LOCATED IN THE UNDERGROUND PARKING GARAGE.
4. PUMP TO BE PROVIDED BY MECHANICAL ENGINEER TO ACHIEVE CISTERN MAX RELEASE RATE OF 38.1 L/s

Revision		By	Appd.	YY.MM.DD
5	REVISED PER SITE PLAN	MJS	DCT	25.11.13
4	REVISED SANITARY SERVICING	MJS	DCT	25.05.29
3	REVISED AS PER CITY COMMENTS / SITE PLAN	MJS	DCT	24.09.18
2	REVISED AS PER CITY COMMENTS / SITE PLAN	WAJ	DCT	24.07.05
1	REVISED AS PER CITY COMMENTS / SITE PLAN	MJS	MF	23.03.15
0	ISSUED TO CITY FOR SPA	MJS	AMP	21.02.17

File Name: 160401596-DB	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	MJS	MF	MJS	21.01.07

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2025-11-14
PROVINCE OF ONTARIO

Client/Project

BRIGIL HOMES

2829 DUMAURIER AVENUE
40 STOREY APARTMENT BUILDING
OTTAWA, ON, CANADA

Title

STORM DRAINAGE PLAN

Project No. 160401596
Scale 1:300 (0 3 9 15m)

Drawing No. SD-1
Sheet 7 of 8
Revision 5

D07-12-21-0110

PLAN # 18503