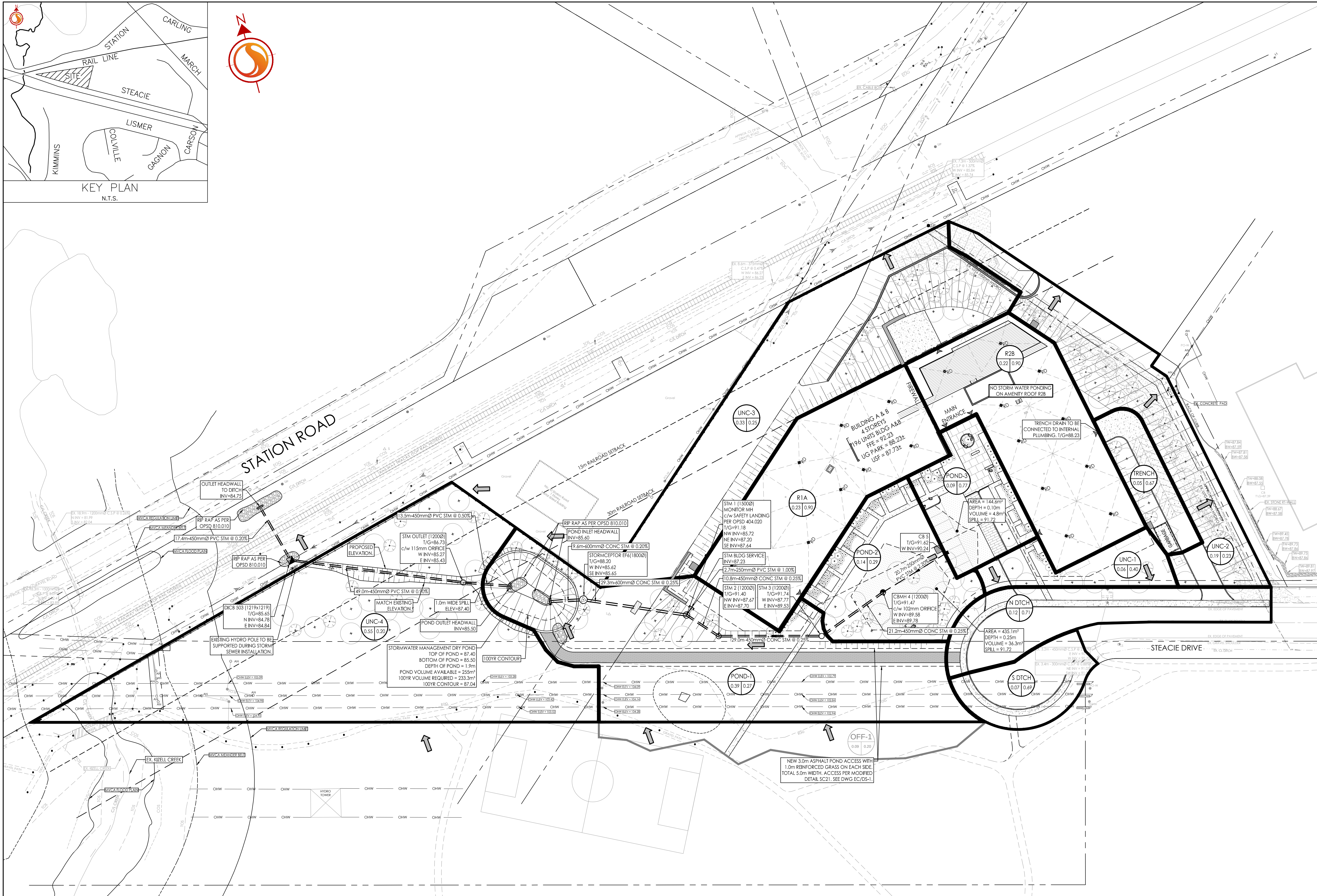
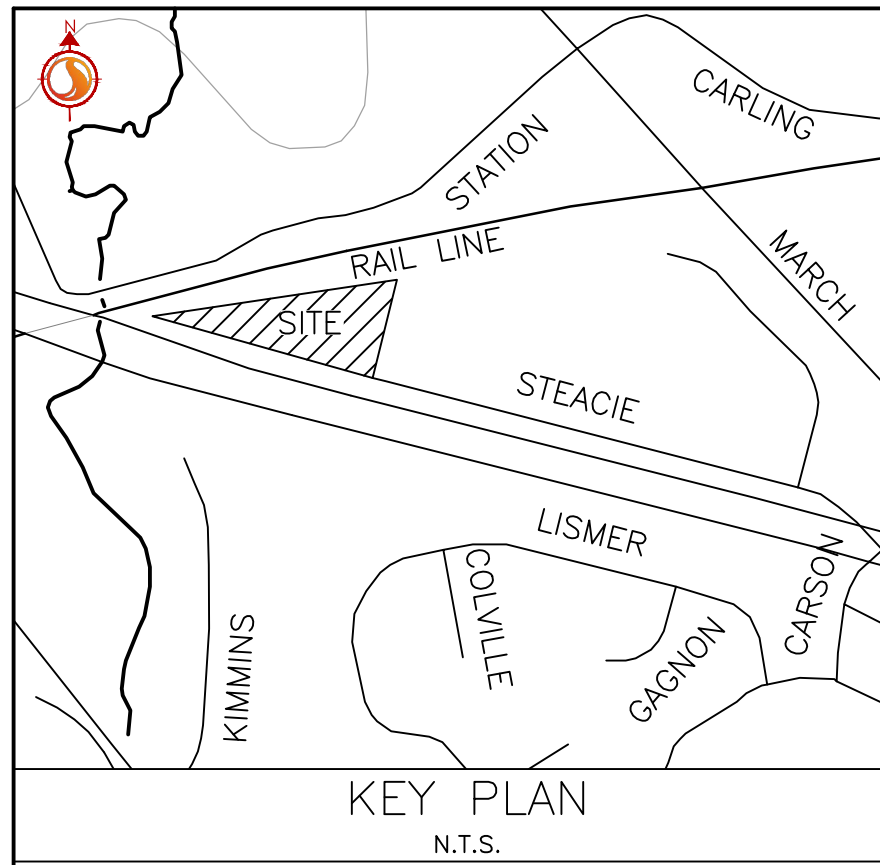




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Legend

- L101A**
1.00 0.85
AREA ID
RUNOFF COEFFICIENT
STORM DRAINAGE AREA ha.
EX. OFFSITE AREA ID
EX. OFFSITE RUNOFF COEFFICIENT
EX. OFFSITE STORM DRAINAGE AREA ha.
EX. OFFSITE STORM DRAINAGE BOUNDARY
- OFF-1**
0.17 0.20
MAXIMUM STATIC PONDING LIMITS
DIRECTION OF OVERLAND FLOW
PROPOSED STORM SEWER
PROPOSED CATCH-BASIN MANHOLE
PROPOSED CATCH-BASIN
CIRCULAR ORIFICE (SEE SEE ICD TABLE SD-1)
EXISTING STORM SEWER
EXISTING CATCH-BASIN
THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.

Notes

SCHEDULE OF INLET CONTROL DEVICES				
AREA ID	STRUCTURE ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/s)
POND 1	STM OUTLET	115mmØ ORIFICE	1.58	35.3
POND 2	CBMH 4	102mmØ ORIFICE	2.09	29.9

SCHEDULE OF ROOF RELEASE RATES				
BUILDING	DRAIN TYPE	# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
BUILDING	WATTS ACCUFLOW	10	0.15	12.3

9	REVISED PER CITY COMMENTS	MJS	DT	26.06.17
8	REVISED PER CITY COMMENTS	MJS	DT	26.03.24
7	REVISED PER CITY COMMENTS	MJS	DT	25.11.28
6	REVISED PER NEW SITE PLAN	MJS	DT	25.07.11
5	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.12.02
4	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.04.08
3	REVISED WATERMAIN SEE	MJS	DT	22.04.08
2	REVISED AS PER CITY COMMENTS	MJS	TR	21.05.07
1	ISSUED FOR REVIEW	MJS	TR	20.11.23

Revision

By	Appd.	YY.MM.DD

File Name:	160401570 DB	MJS	AMP	MJS	20.08.17
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

BRIGIL

100 STEACIE DRIVE

OTTAWA, ON

Title

STORM DRAINAGE AREA PLAN

Project No.	Scale	0 5 15 25m
160401570	1:500	
Drawing No.	Sheet	Revision

SD-1

8 of 12

9

PLAN# 18327

APPROVED
By Sean Moore at 9:18 pm, Aug 06, 2026

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

Pre-Development

Sub Catchment ID	Total Area (m²)	Hard Surface (m²)	Gravel Surface (m²)	Soft Surface (m²)	Runoff Coefficient, C
N DTCH	1197.58	602.35	197.28	397.95	0.65
S DTCH	672.46	373.56	47.68	251.22	0.63

Post-Development

Sub Catchment ID	Total Area (m²)	Hard Surface (m²)	Gravel Surface (m²)	Soft Surface (m²)	Runoff Coefficient, C
N DTCH	1197.58	872.32	0.00	325.26	0.71
S DTCH	672.46	467.50	7.94	197.02	0.69