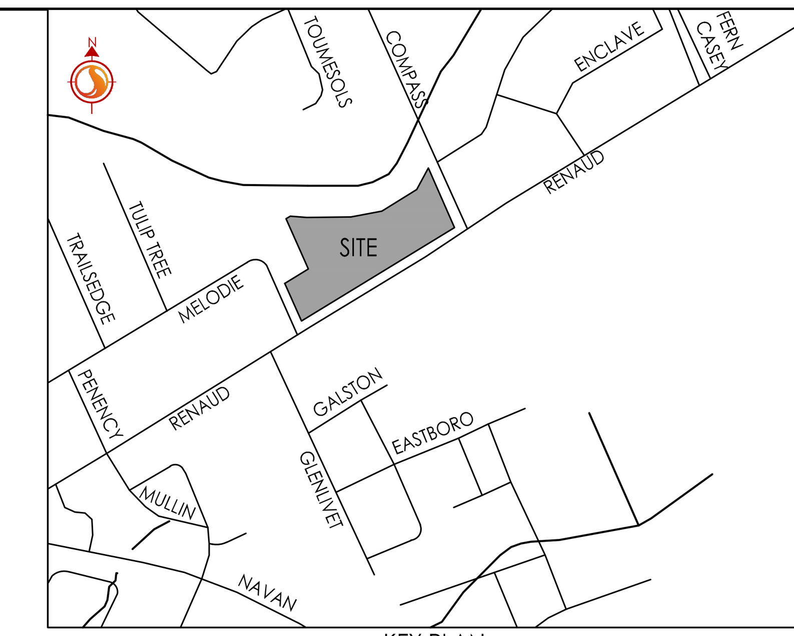
SCHEDULE OF INLET CONTROL DEVICES

Orifice Name	Tributary Area ID	ICD Type	2yr Head (m)	2yr Flow (L/s)	5yr Head (m)	5yr Flow (L/s)	100yr Head (m)	100yr Flow (L/s)
C101A-1IC	C101A	CIRCULAR (83mm ORIFICE)	1.05	13.78	1.47	16.36	1.59	17.05
C103A-1IC	C103A	CIRCULAR (94mm ORIFICE)	1.38	20.29	1.50	21.18	1.57	21.69
C104A-1IC	C104A	CIRCULAR (83mm ORIFICE)	0.90	12.69	1.44	16.21	1.57	16.98
C105A-1IC	C105A	CIRCULAR (83mm ORIFICE)	1.41	16.03	1.49	16.52	1.60	17.13
C106A-1IC	C106A	CIRCULAR (94mm ORIFICE)	1.41	20.54	1.50	21.20	1.57	21.73
C201A-1IC	C201A	CIRCULAR (94mm ORIFICE)	1.15	18.46	1.48	21.08	1.56	21.66
C203A-1IC	C203A	CIRCULAR (83mm ORIFICE)	1.38	15.85	1.48	16.43	1.56	16.89
C204A-1IC	C204A	CIRCULAR (83mm ORIFICE)	0.92	12.84	1.44	16.23	1.59	17.06
C102A-1IC	C102A	IPEX TEMPEST LMF80	1.19	6.25	1.49	6.97	1.55	7.12



KEY PLAN
N.T.S.

Stantec

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Ottawa ON
Tel. 613.722.4420
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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- CIRCULAR ORIFICE (SEE DWG SD-1)
- PROPOSED CATCHBASIN 'T'
- PROPOSED PERFORATED SUBDRAIN
- EXISTING STORM SEWER
- EXISTING CATCHBASIN

Notes

ORIGINAL CONDITIONS TOPOGRAPHIC SURVEYS SUPPLIED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., DATED APRIL 12, 2024 AND JUNE 12, 2024.

BEARINGS ARE GRID, DERIVED FROM CAN-NET 2016 REAL TIME NETWORK GPS OBSERVATIONS AND ARE REFERENCED TO SPECIFIED CONTROL POINTS 01919680184 AND 019198434761, MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL).

ELEVATIONS SHOWN ARE GEODETIC, AND ARE DERIVED FROM SITE BENCHMARK PER ARCHIVES FROM ANNIS O'SULLIVAN VOLLEBEKK LIMITED, AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM.

APRIL 12, 2024 BENCHMARK 1: MAGNETIC NAIL (RENAUD ROAD SOUTHEAST OF PROPOSED SITE).
ELEVATION = 87.42

APRIL 12, 2024 BENCHMARK 2: FIRE HYDRANT TOP OF SPINDLE (COMPASS STREET NORTHEAST OF PROPOSED SITE).
ELEVATION = 87.63

JUNE 12, 2024 BENCHMARK 1: MAGNETIC NAIL - SET IN WOODEN UTILITY POLE (INTERSECTION OF RENAUD ROAD AND MELODIE STREET).
ELEVATION = 87.21

JUNE 12, 2024 BENCHMARK 2: FIRE HYDRANT TOP OF SPINDLE (MELODIE STREET NORTHWEST OF PROPOSED SITE).
ELEVATION = 87.68

0	ISSUED FOR REVIEW	WAJ	SGG	26.03.25
Revision		By	Appd.	YY.MM.DD

File Name: 160401760-DB.dwg	WAJ	SGG	WAJ	26.02.24
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2026-03-26
PROVINCE OF ONTARIO

Client/Project

RICHCRAFT HOMES LTD.

TRAILSEDGE WEST BLOCK 121
6259, 6267, 6271, & 6273 RENAUD ROAD
OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No. 160401760

Scale 1:400 (0, 4, 12, 20m)

Drawing No. SD-1

Sheet 8 of 9

Revision 0

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2026/03/25 12:52 PM By: Johnson, Warren

ORIGINAL SHEET - ARCH D