SCHEDULE OF INLET CONTROL DEVICES									
Orifice Name	Tributary Area ID	ICD Type	2yr Head (m)	2yr Flow (L/s)	Rational Method 2yr Flow (L/s)	5yr Head (m)	5yr Flow (L/s)	100yr Head (m)	100yr Flow (L/s)
C101A-1IC	C101A	CIRCULAR (83mm ORIFICE)	1.14	14.38	14.0	1.48	16.43	1.59	17.05
C103A-1IC	C103A	CIRCULAR (102mm ORIFICE)	1.26	22.77	21.5	1.49	24.81	1.57	25.52
C104A-1IC	C104A	CIRCULAR (83mm ORIFICE)	0.90	12.72	12.3	1.44	16.22	1.57	16.95
C105A-1IC	C105A	CIRCULAR (94mm ORIFICE)	1.15	18.49	17.1	1.47	21.01	1.60	21.90
C106A-1IC	C106A	CIRCULAR (102mm ORIFICE)	1.14	21.65	20.2	1.47	24.69	1.57	25.51
C201A-1IC	C201A	CIRCULAR (94mm ORIFICE)	1.08	17.87	17.3	1.47	20.97	1.56	21.64
C203A-1IC	C203A	CIRCULAR (83mm ORIFICE)	1.38	15.85	15.1	1.48	16.43	1.56	16.88
C204A-1IC	C204A	CIRCULAR (83mm ORIFICE)	1.15	14.44	14.6	1.46	16.33	1.59	17.04
C102A-1IC	C102A	IPEX TEMPEST LMF80	0.93	5.51	6.7	1.46	6.91	1.55	7.12



KEY PLAN
N.T.S.

Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

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Legend

- AREA ID (1-1; 0.10 RUNOFF COEFFICIENT; 0.90 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 01919843476 1, 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

Revision	By	Appd.	YY.MM.DD
2 REVISED PER CITY COMMENTS AND NEW SITE PLAN	WAJ	SGG	26.10.30
1 REVISED AS-BUILT SERVICING	WAJ	SGG	26.03.30
0 ISSUED FOR REVIEW	WAJ	SGG	26.03.25
File Name: 160401760-D8.dwg	Dwn.	Chkd.	Dsgn.
	WAJ	SGG	WAJ 26.02.24

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2026-11-02
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.	Scale	Revision
160401760	1:400 (0 4 12 20m)	
Drawing No.	Sheet	
SD-1	9 of 10	2

PLAN # 19468

D07-12-25-0092

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2026/10/29 4:33 PM By: Johnson Warren

ORIGINAL SHEET - ARCH D