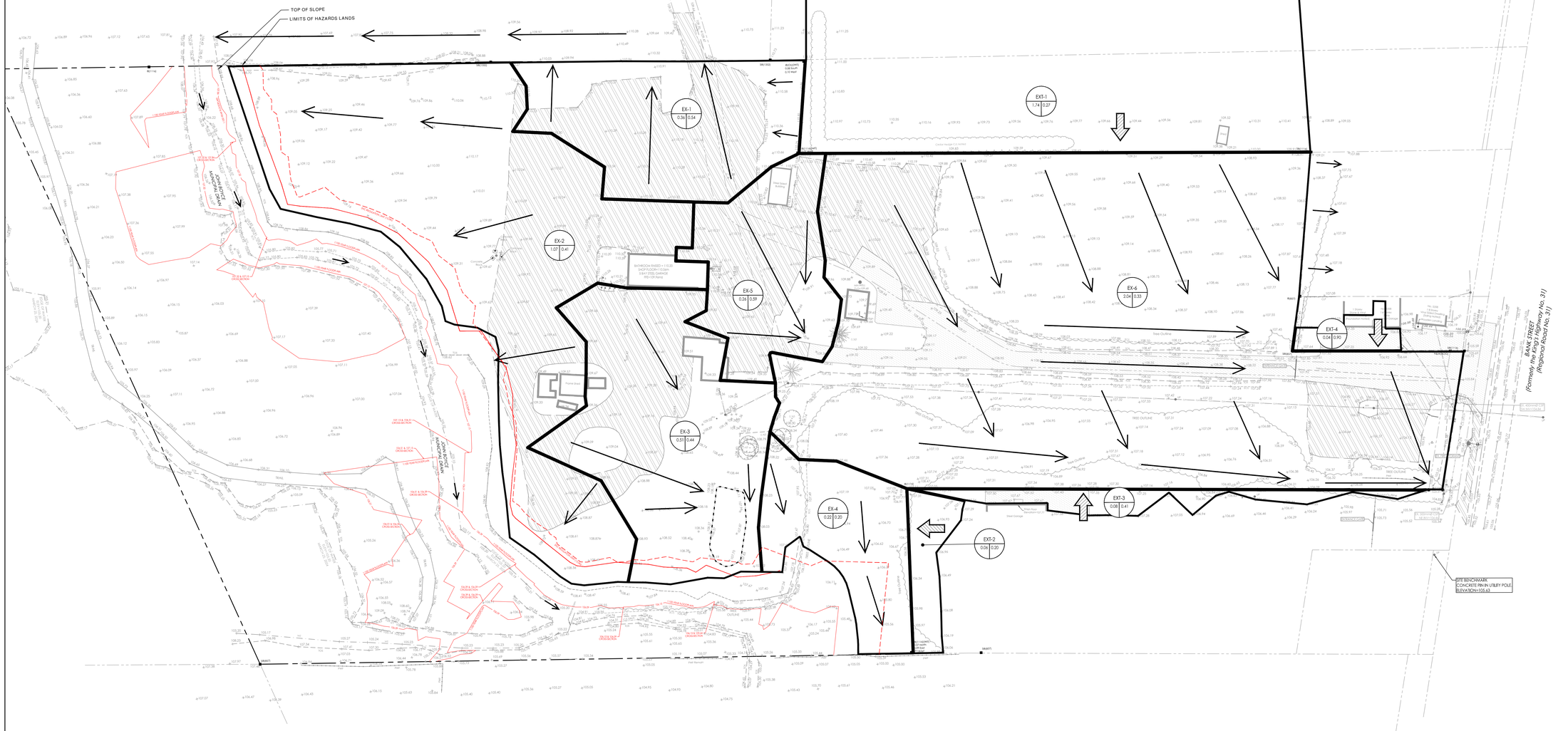
Year 2002

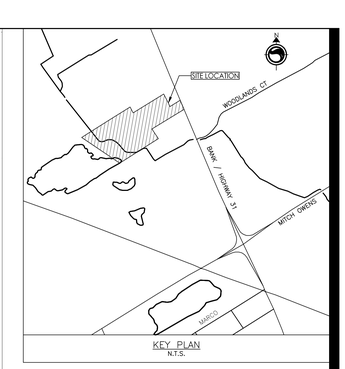
Sub Catchment ID	Total Area (m²)	Hard Surface (m²)	Gravel Surface (m²)	Soft Surface (m²)	Runoff Coefficient, C
EXT-1	17376.13	1098.71	895.38	15382.04	**0.27**
EXT-2	635.82	0.00	0.00	635.82	**0.20**
EXT-3	762.36	191.94	59.09	511.33	**0.41**
EXT-4	362.96	362.96	0.00	0.00	**0.90**
EX-1	3607.80	0.00	2441.86	1165.94	**0.54**
EX-2	10699.89	274.59	3632.74	6792.56	**0.39**
EX-3	5122.67	150.19	2048.70	2923.78	**0.42**
EX-4	2178.41	0.00	0.00	2178.41	**0.20**
EX-5	2638.07	116.02	1914.37	607.68	**0.59**
EX-6	20391.57	2296.01	2287.98	15807.58	**0.33**
SUM	63775.68	4490.42	13280.11	46005.15	

C values used	
Hard	**0.90**
Gravel	**0.70**
Grass	**0.20**

Year 2024

Sub Catchment ID	Total Area (m²)	Hard Surface (m²)	Gravel Surface (m²)	Soft Surface (m²)	Runoff Coefficient, C
EXT-1	17376.13	1098.71	895.38	15382.04	**0.27**
EXT-2	635.82	0.00	0.00	635.82	**0.20**
EXT-3	762.36	191.94	59.09	511.33	**0.41**
EXT-4	362.96	362.96	0.00	0.00	**0.90**
S-1	3608.46	0.00	2439.85	1168.62	**0.54**
S-2A	4233.94	1.00	2675.25	1557.69	**0.52**
S-2B	3800.61	894.56	2569.33	336.72	**0.70**
S-3A	2853.94	63.41	1942.97	847.56	**0.56**
S-3B	5451.01	1326.66	2761.79	1362.56	**0.62**
S-4	1698.75	0.00	0.00	1698.75	**0.20**
S-5	2638.07	2154.78	83.75	399.54	**0.79**
S-6	20353.63	3221.05	1192.40	15940.18	**0.34**
SUM	63775.68	9315.07	14619.80	39840.81	





Stantec

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Legend

- AREA ID (e.g. OFF-SITE 1; 1.00; 0.85)
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA No.
- STORM DRAINAGE BOUNDARY
- EXISTING STORM SEWER OR CULVERT
- EXISTING CATCHBASIN
- DIRECTION OF MAJOR OVERLAND FLOW
- DIRECTION OF EXTERNAL OVERLAND FLOW
- EXISTING ELEVATION (e.g. 106.92)
- EXISTING ASPHALT ACCESS AND PARKING
- EXISTING GRAVEL ACCESS AND PARKING
- REGULATION LIMIT PER SNCA
- LIMITS OF HAZARD LANDS

Notes

3	REVISED PER COMMENTS	MJS	PM	26.10.28
2	REVISED PER CITY COMMENTS	MJS	PM	26.07.24
1	REVISED PER CITY COMMENTS	MJS	PM	25.12.23
0	ISSUED TO CITY FOR SPA	MJS	PM	25.02.14
Revision		By	Appd.	YY.MM.DD

File Name: 160401995 D8	MJS	DT	24.08.16
	Dwn.	Chkd.	Dsgn. YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFAULT
100186107
2026-10-28
PROVINCE OF ONTARIO

Client/Project

5360 BANK STREET ZONING BYLAW AMENDMENT AND SITE PLAN CONTROL

GREELY SAND & GRAVEL INC.
1971 OLD PRESCOTT ROAD
GREELY, ON

Title

PRE DEVELOPMENT (2002) STORM DRAINAGE PLAN

Project No.	Scale	Sheet	Revision
160401995	1:500 (0, 5, 15, 25m)	4 of 5	3

Drawing No. SD-1

CITY FILE No. D07-12-25-0072 PLAN No. 19295

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2026/10/28 3:47 PM By: Shane, Wade

ORIGINAL SHEET - ARCH E