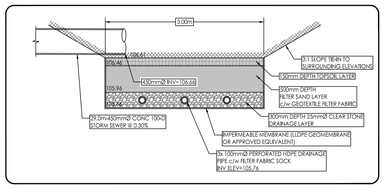
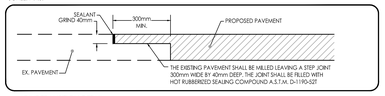
STORM SEWER STRUCTURE TABLE					
STRUCTURE ID	NORTHING	EASTING	T/G	INLET INVERT	OUTLET INVERT
STM MH 1	5016435.167	377241.422	108.85	106.77	106.75
STM MH 2	5016424.825	377225.407	109.02	107.04 / 106.92	106.84
STM MH 3	5016464.187	377154.425	109.54	107.91 / 107.40	107.32
CB 2A	5016399.363	377235.830	108.54		107.18
CB 3A	5016460.008	377151.394	109.34		107.96
CB 3B	5016471.490	377075.304	108.92		107.80
OUTLET CB	5016427.592	377275.949	107.75	105.76	105.76
STC EF04	5016501.233	377292.622	108.50	107.515	107.485

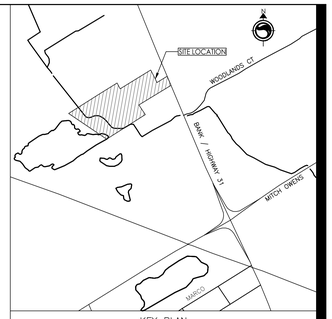
50mmØ WATERMAIN TABLE			
STATION	FINISHED GRADE	TOP W.M.	ITEM
0+000	110.20	107.800	25mmØ CAP
0+005.5	110.19	107.790	25mmØ STANDPOST
0+010	110.17	107.770	TOP OF PIPE
0+015	110.15	107.750	50mmØ TO 25mmØ REDUCER
0+016.7	110.15	107.750	BC 10m RADIUS
0+022.6	110.12	107.720	MID 10m RADIUS
0+028.5	110.04	107.640	EC 10m RADIUS
0+040	109.75	107.350	TOP OF PIPE
0+051.2	109.43	107.030	BC 20m RADIUS
0+063	109.40	107.000	MID 20m RADIUS
0+074.8	108.51	106.110	EC 20m RADIUS
0+080	108.30	105.900	TOP OF PIPE
0+100	108.16	105.760	TOP OF PIPE
0+120	107.86	105.460	TOP OF PIPE
0+140	107.66	105.260	TOP OF PIPE
0+160	107.58	105.180	TOP OF PIPE
0+180	107.47	105.070	TOP OF PIPE
0+200	107.31	104.910	TOP OF PIPE
0+220	107.27	104.870	TOP OF PIPE
0+240	107.15	104.750	TOP OF PIPE
0+247.7	106.93	104.530	BC 20m RADIUS
0+251.7	106.71	104.310	MID 20m RADIUS
0+256.8	106.47	104.070	EC 20m RADIUS
0+260	106.37	103.970	TOP OF PIPE
0+274.4	105.65	103.250	BC 10m RADIUS
0+276.4	105.55	103.150	MID 10m RADIUS
0+278.3	105.37	102.970	EC 10m RADIUS
0+279.4	105.22	102.820	50mm VALVE AND BOX
0+282	104.79	102.390	WATER CROSSING DITCH
0+290	103.73	103.331	50mmØ TYS CONNECTION TO EX.400mmØ PVC WATERMAIN



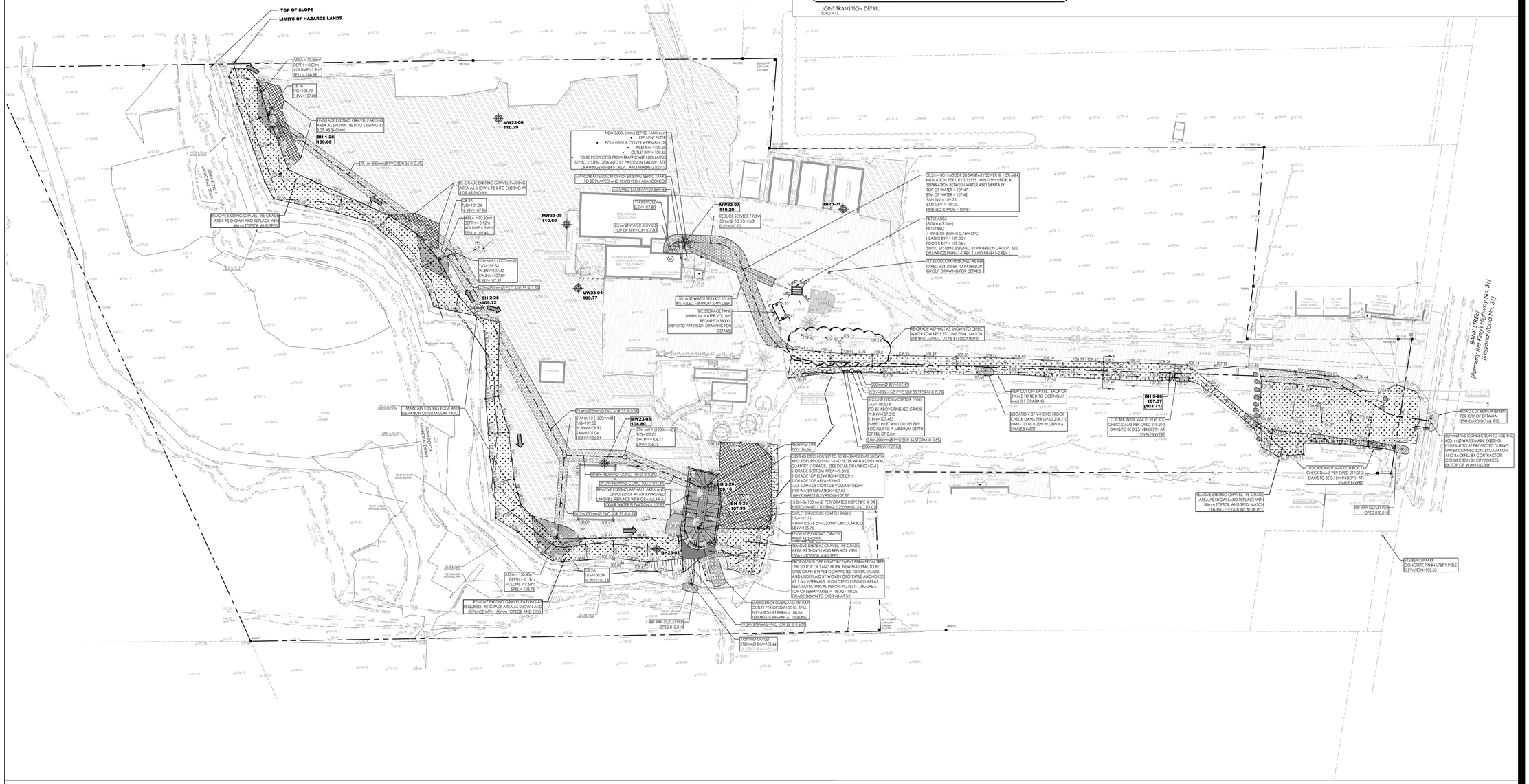
SAND FILTER CROSS-SECTION
SCALE: N.T.S.



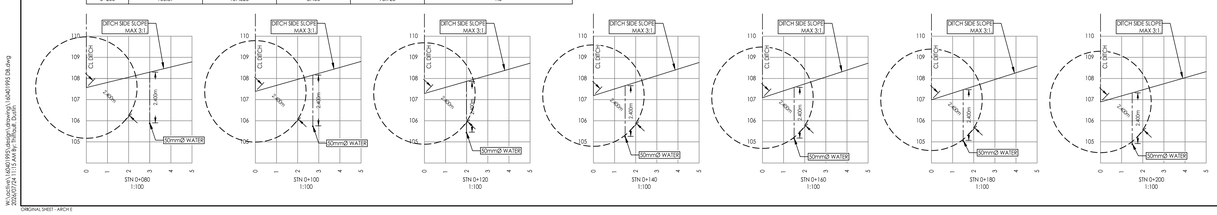
JOINT TRANSITION DETAIL
SCALE: N.T.S.

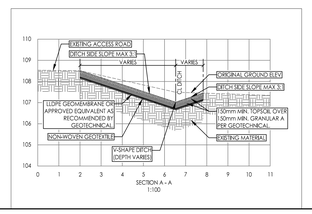


KEY PLAN
N.T.S.



WATERMAIN VS SWALE					
STN	DITCH ELEV (m)	RIN GRADE OVER WTR (m)	DEPTH (m)	TOP OF WATERMAIN (m)	OFFSET CENTER OF SWALE TO CENTER OF WATER
0+080	107.57	108.300	2.400	105.900	3.0
0+100	107.39	108.160	3.400	104.760	2.72
0+120	107.29	107.860	4.400	103.460	1.99
0+140	107.19	107.660	5.400	102.260	1.5
0+160	107.09	107.580	6.400	101.180	1.5
0+180	106.99	107.470	7.400	100.070	1.5
0+200	106.89	107.320	8.400	98.920	1.5





Stantec

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www.stantec.com

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Legend

- ORIGINAL GROUND ELEVATION
- PROPOSED ELEVATION
- PROPOSED ELEVATION
- EXISTING ELEVATION
- FLOW DIRECTION AND GRADE
- TERRACING 3:1 SLOPE-MAXIMUM (UNLESS OTHERWISE SHOWN)
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CATCHBASIN
- EXISTING STORM SEWER OR CULVERT
- PROPOSED STORM SEWER OR CB LEAD
- EXISTING CATCHBASIN
- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED FIRE HYDRANT
- WATER METER
- REMOTE WATER METER
- EXISTING ASPHALT ACCESS AND PARKING
- EXISTING GRAVEL ACCESS AND PARKING
- NEW GRASSED AREA
- EXISTING GRAVEL AREA TO BE REGRADED
- EXISTING ASPHALT AREA TO BE REMOVED
- MAXIMUM PONDING AREA
- GRAVEL REINSTATEMENT FOLLOWING SEWER AND OR WATERMAIN INSTALLATION.
- ASPHALT REINSTATEMENT FOLLOWING SEWER AND OR WATERMAIN INSTALLATION.
- SEE SECTION A - A FOR DETAILS OF SUBSURFACE TREATMENT FOR DITCH
- 100YR PONDING ELEVATION (108.05m)
- MEASURED SVC REGULATION LIMIT 15.0m
- LIMITS OF HAZARD LANDS
- BH 5-26 107.37 (103.71) — BOREHOLE WITH MONITORING WELL LOCATION (PATERSON GROUP); GROUND SURFACE ELEVATION (m); PRACTICAL REFUSAL TO AUGERING (m)
- MW23-04 109.77 — EXISTING BOREHOLE LOCATION (GWATEC 2023); GROUND SURFACE ELEVATION (m)

Notes

ELEVATION NOTES
1. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM.

2. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THE DRAWING.

3. BEARINGS ARE GRID, DERIVED FROM CAN-NET 2016 REAL TIME NETWORK GPS OBSERVATIONS AND ARE REFERENCED TO SPECIFIED CONTROL POINTS 0191976735 AND 0191987649, MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL).

PAVEMENT RE-INSTATEMENT AS PER GEOTECHNICAL MEMORANDUM.
Pavement Structure Details, 5360 Bank Street, OTTAWA, ON. PREPARED BY PATERSON GROUP, FILE No. PG7831-MEMO.01, NOVEMBER 27, 2025.

PAVEMENT STRUCTURE - CAR PARKING ONLY
50mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
150 OPSS GRANULAR 'A' BASE
300 OPSS GRANULAR 'B' TYPE II

PAVEMENT STRUCTURE - ACCESS LANES AND HEAVY TRUKS
40mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm HL-8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
150 OPSS GRANULAR 'A' BASE
450 OPSS GRANULAR 'B' TYPE II

Revision				
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
		By	Appd.	YY.MM.DD

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

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2026-07-24
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

REMOVALS, SERVICING, GRADING AND RE-INSTATEMENT PLAN

Project No.	Scale
160401995	1:500 (0 5 15 25m)

Drawing No.	Sheet	Revision
RSGP-1	2 of 5	2

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

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2026/07/24 11:15 AM By: thiffault, David

ORIGINAL SHEET - ARCH E