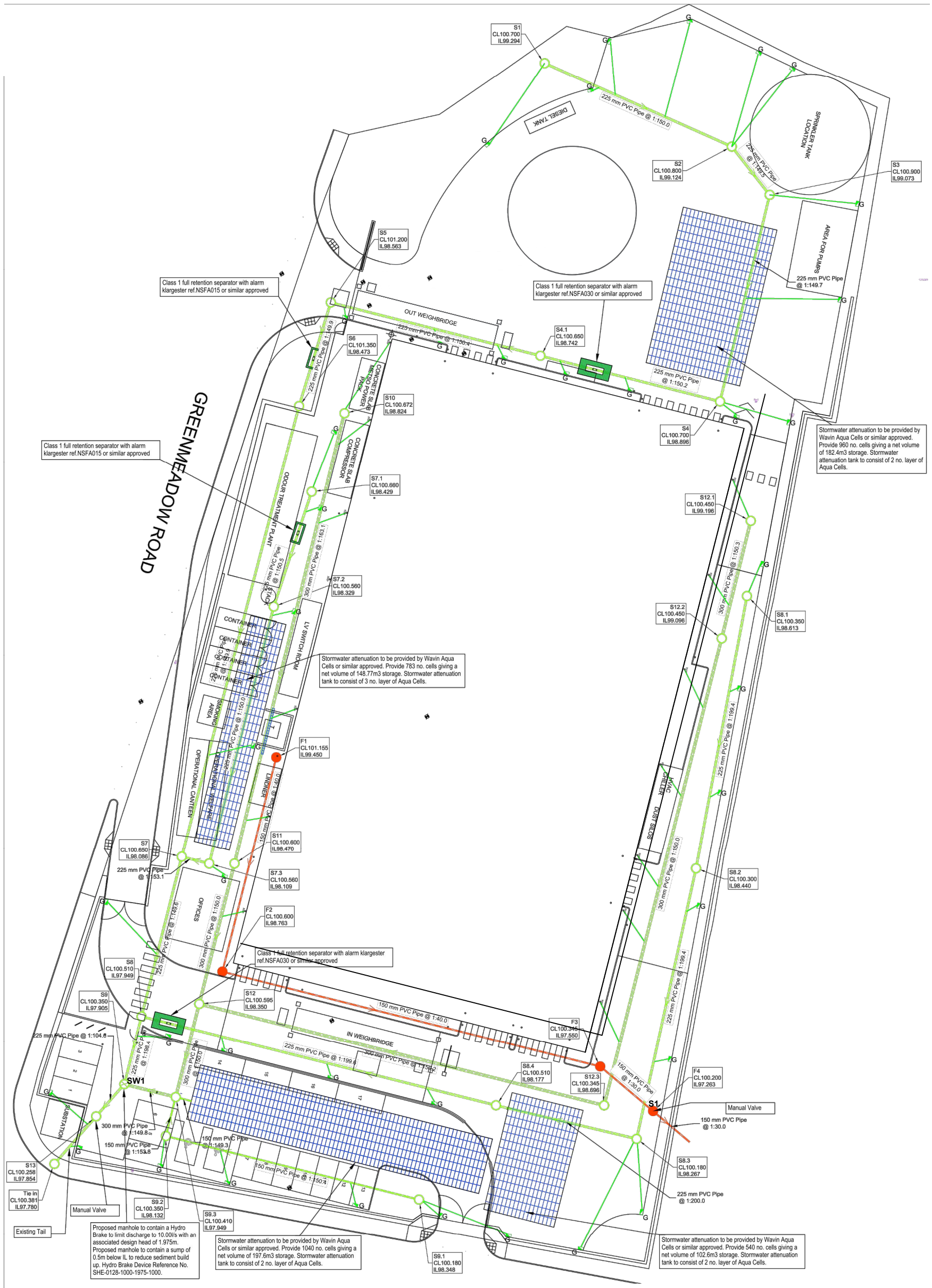
NOTES

EMISSION POINT S1 REMOVED AS THERE WILL BE NO PROCESS WASTEWATER DISCHARGING TO THE SEWER. THERE WILL BE NO WASTEWATER FROM THE PROCESS.



Key:

- Proposed Storm Pipe
- Proposed Storm Manhole
- Proposed Foul Pipe
- Proposed Foul Manhole
- Class 1 Kingspan Forecourt EnviroSeparator or Equal Other Approved
- Proposed Storm Attenuation Tank (Polystorm or Equal Other Approved) (Refer to Drawing No. 10039-606 for Further Details)
- Proposed Hydro Brake Flow Control Device
- Proposed ACO S100 S030 Drainage Channel with F900 Interceptor Grating or Equal Approved
- G — Proposed Bottle Gully

Stormwater Aquacells must be:
1. Clipped together.
2. Bedded (foundation).
3. Trench fill to below invert level of proposed foul diversion.
4. Wrapped in impermeable membrane and hot sealed joints.
5. Reinforced earth/concrete surround for lateral earth pressures.
6. Refer to Drawing No. 10039-605 for further information regarding protective concrete slab details.
7. Proposed storm manholes before and after stormwater attenuation tank to contain sumps of 0.5m below IL to reduce sediment build up.
8. Manufacturer recommends an inspection manhole (turret) in centre of attenuation tank.
9. Loading should account for trafficking by vehicles e.g. Aqua Cell Prime = 45.6 tonnes/m2. Aqua Cell Core = 56.0 tonnes/m2. Aqua Cell Plus = 65.0 tonnes/m2.

FOUL DRAINAGE MANHOLE SCHEDULE

MH	DIA Ø	TYPE	COVER LEVEL	INVERT LEVEL	DEPTH	CHAINAGE	PIPE RUN	CHAMBER	COVER SIZE
F1	150mm	PVC	101.155m	99.45m	1.705m	F1-F2	27.509m	1200mm	675 SQ
F2	150mm	PVC	100.6m	98.763m	1.837m	F2-F3	48.515m	1200mm	675 SQ
F3	150mm	PVC	100.345m	97.55m	2.795m	F3-F4	8.614m	1200mm	675 SQ
F4	150mm	PVC	100.2m	97.263m	2.937m	F4-OUT	5.959m	1200mm	675 SQ

STORM DRAINAGE MANHOLE SCHEDULE

MH	DIA Ø	TYPE	COVER LEVEL	INVERT LEVEL	DEPTH	CHAINAGE	PIPE RUN	CHAMBER	COVER SIZE
S1	225mm	PVC	100.7m	99.294m	1.406m	S1-S2	25.52m	1200mm	675 SQ
S2	225mm	PVC	100.8m	99.124m	1.676m	S2-S3	7.625m	1200mm	675 SQ
S3	225mm	PVC	101.9m	99.073m	2.827m	S3-S4	26.49m	1200mm	675 SQ
S4	225mm	PVC	100.7m	98.896m	1.804m	S4-S4.1	23.082m	1200mm	675 SQ
S4.1	225mm	PVC	100.65m	98.742m	1.908m	S4.1-S5	26.92m	1200mm	675 SQ
S5	225mm	PVC	101.2m	98.563m	2.637m	S5-S6	13.491m	1200mm	675 SQ
S6	225mm	PVC	101.35m	98.473m	2.877m	S6-S7	57.992m	1200mm	675 SQ
S7	225mm	PVC	100.65m	98.086m	2.564m	S7-S8	20.499m	1200mm	675 SQ
S7.1	225mm	PVC	100.66m	98.429m	2.231m	S7.1-S7.2	15.046m	1200mm	675 SQ
S7.2	225mm	PVC	100.56m	98.329m	2.231m	S7.2-S7.3	32.999m	1200mm	675 SQ
S7.3	225mm	PVC	100.56m	98.109m	2.451m	S7.3-S7	3.521m	1200mm	675 SQ
S8	225mm	PVC	100.51	97.949m	2.561m	S8-S9	8.728m	1200mm	675 SQ
S8.1	225mm	PVC	100.35m	98.613m	1.737m	S8.1-S8.2	34.5m	1200mm	675 SQ
S8.2	225mm	PVC	100.3m	98.44m	1.860m	S8.2-S8.3	34.5m	1200mm	675 SQ
S8.3	225mm	PVC	100.18m	98.267m	1.913m	S8.3-S8.4	17.997m	1200mm	675 SQ
S8.4	225mm	PVC	100.510m	98.177m	2.333m	S8.4-S8	45.5m	1200mm	675 SQ
S9	225mm	PVC	100.35m	97.905m	2.445m	S9-S10	5.337m	1500mm	675 SQ
S9.1	150mm	PVC	100.185m	98.348	1.837m	S9.1-S9.2	32.473m	1200mm	675 SQ
S9.2	150mm	PVC	100.35m	98.132m	2.218m	S9.2-S9.3	5.0m	1200mm	675 SQ
S9.3	150mm	PVC	100.41m	97.949m	2.461m	S9.3-S9	6.589m	1200mm	675 SQ
S10	300mm	PVC	100.672m	98.824m	1.848m	S10-S11	57.727m	1200mm	675 SQ
S11	300mm	PVC	100.6m	98.470m	2.130m	S11-S12	18.001m	1200mm	675 SQ
S12	300mm	PVC	100.595m	98.350m	2.245m	S12 - S9.3	12.001m	1200mm	675 SQ
S12.1	300mm	PVC	100.450m	99.196m	1.254m	S12.1-S12.2	15.034m	1200mm	675 SQ
S12.2	300mm	PVC	100.45m	99.096m	1.345m	S12.2-S12.3	60.001m	1350mm	675 SQ
S12.3	300mm	PVC	100.345m	98.696m	1.649m	S12.3-S12	51.975m	1200mm	675 SQ
S13	225mm	PVC	100.258m	97.854m	2.404m	S13- Tie In	7.864m	1500mm	675 SQ
Tie in	N/A	PVC	100.381m	97.780m	2.601m	N/A	N/A	1200mm	675 SQ

REV	DATE	DESCRIPTION	DRN	CKD
A	-23.09.2022	Update to Weighbridge Location	KB	AT
A	-12.01.2022	Emission Point S1 and SW1 added	KB	RY

FOR PERMIT

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CLIENT
NINE MILE POINT

CONTRACT
NINE MILE POINT

DRAWING
SITE DRAINAGE

SCALE	1:500 @ A3	DATE	NOV 2021
DRAWN	WS	CHECKED	RY
DRG No.	20001-403	REVISION	A

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