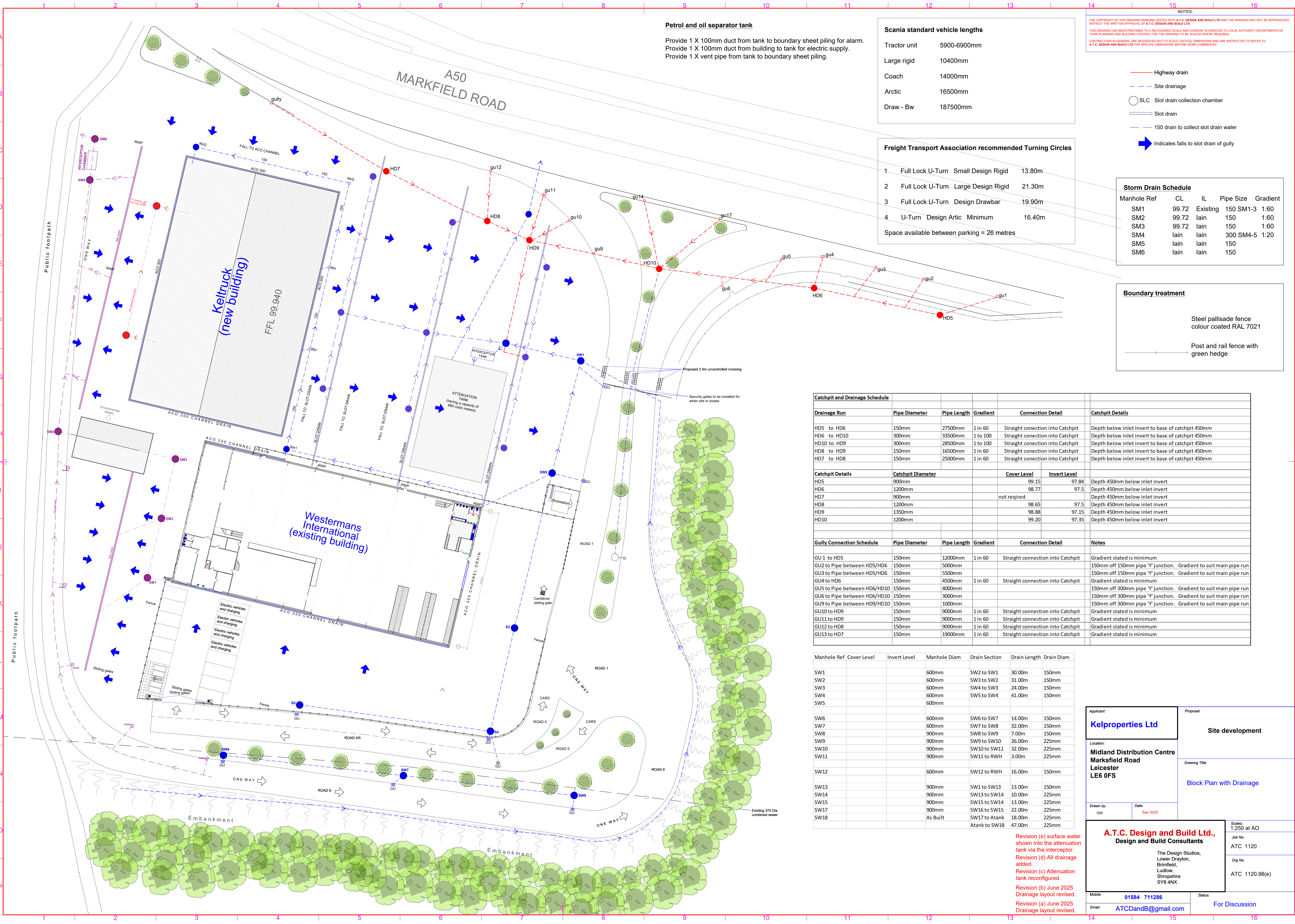




Petrol and oil separator tank

Provide 1 X 100mm duct from tank to boundary sheet piling for alarm.
Provide 1 X 100mm duct from building to tank for electric supply.
Provide 1 X vent pipe from tank to boundary sheet piling.

Scania standard vehicle lengths

Tractor unit	5900-6900mm
Large rigid	10400mm
Coach	14000mm
Arctic	16500mm
Draw - Bw	187500mm

Freight Transport Association recommended Turning Circles

1	Full Lock U-Turn	Small Design Rigid	13.80m
2	Full Lock U-Turn	Large Design Rigid	21.30m
3	Full Lock U-Turn	Design Drawbar	19.90m
4	U-Turn	Design Artic	Minimum 16.40m
Space available between parking = 26 metres			

NOTES:
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- Highway drain
- Site drainage
- SLC Slot drain collection chamber
- Slot drain
- 150 drain to collect slot drain water
- Indicates falls to slot drain of gully

Storm Drain Schedule

Manhole Ref	CL	IL	Pipe Size	Gradient
SM1	99.72	Existing	150 SM1-3	1:60
SM2	99.72	lain	150	1:60
SM3	99.72	lain	150	1:60
SM4	lain	lain	300 SM4-5	1:20
SM5	lain	lain	150	
SM6	lain	lain	150	

Boundary treatment

Steel pallisade fence
colour coated RAL 7021

Post and rail fence with
green hedge

Catchpit and Drainage Schedule					
Drainage Run	Pipe Diameter	Pipe Length	Gradient	Connection Detail	Catchpit Details
HD5 to HD6	150mm	27500mm	1 in 60	Straight connection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD6 to HD10	300mm	33500mm	1 to 100	Straight connection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD10 to HD9	300mm	28500mm	1 to 100	Straight connection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD8 to HD9	150mm	16500mm	1 in 60	Straight connection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD7 to HD8	150mm	25000mm	1 in 60	Straight connection into Catchpit	Depth below inlet invert to base of catchpit 450mm
Catchpit Details	Catchpit Diameter		Cover Level	Invert Level	
HD5	900mm		99.15	97.84	Depth 450mm below inlet invert
HD6	1200mm		98.77	97.5	Depth 450mm below inlet invert
HD7	900mm		not required		Depth 450mm below inlet invert
HD8	1200mm		98.65	97.5	Depth 450mm below inlet invert
HD9	1350mm		98.88	97.15	Depth 450mm below inlet invert
HD10	1200mm		99.20	97.35	Depth 450mm below inlet invert
Gully Connection Schedule	Pipe Diameter	Pipe Length	Gradient	Connection Detail	Notes
GU 1 to HD5	150mm	12000mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum
GU2 to Pipe between HD5/HD6	150mm	5000mm			150mm off 150mm pipe 'Y' junction. Gradient to suit main pipe run
GU3 to Pipe between HD5/HD6	150mm	5500mm			150mm off 150mm pipe 'Y' junction. Gradient to suit main pipe run
GU4 to HD6	150mm	4500mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum
GU5 to Pipe between HD6/HD10	150mm	4000mm			150mm off 300mm pipe 'Y' junction. Gradient to suit main pipe run
GU6 to Pipe between HD6/HD10	150mm	3000mm			150mm off 300mm pipe 'Y' junction. Gradient to suit main pipe run
GU9 to Pipe between HD9/HD10	150mm	1000mm			150mm off 300mm pipe 'Y' junction. Gradient to suit main pipe run
GU10 to HD9	150mm	9000mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum
GU11 to HD9	150mm	9000mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum
GU12 to HD8	150mm	9000mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum
GU13 to HD7	150mm	19000mm	1 in 60	Straight connection into Catchpit	Gradient stated is minimum

Manhole Ref	Cover Level	Invert Level	Manhole Diam	Drain Section	Drain Length	Drain Diam
SW1			600mm	SW2 to SW1	30.00m	150mm
SW2			600mm	SW3 to SW2	31.00m	150mm
SW3			600mm	SW4 to SW3	24.00m	150mm
SW4			600mm	SW5 to SW4	41.00m	150mm
SW5			600mm			
SW6			600mm	SW6 to SW7	14.00m	150mm
SW7			600mm	SW7 to SW8	32.00m	150mm
SW8			900mm	SW8 to SW9	7.00m	150mm
SW9			900mm	SW9 to SW10	26.00m	225mm
SW10			900mm	SW10 to SW11	32.00m	225mm
SW11			900mm	SW11 to RWH	3.00m	225mm
SW12			600mm	SW12 to RWH	16.00m	150mm
SW13			900mm	SW1 to SW13	13.00m	150mm
SW14			900mm	SW13 to SW14	10.00m	225mm
SW15			900mm	SW15 to SW14	13.00m	225mm
SW17			900mm	SW16 to SW15	22.00m	225mm
SW18			As Built	SW17 to Atank	18.00m	225mm
				Atank to SW18	47.00m	225mm

Revision (e) surface water shown into the attenuation tank via the interceptor.
Revision (d) All drainage added.
Revision (c) Attenuation tank reconfigured.
Revision (b) June 2025 Drainage layout revised.
Revision (a) June 2025 Drainage layout revised.

Applicant:

Kelproperties Ltd

Location:

**Midland Distribution Centre
Marksfield Road
Leicester
LE6 0FS**

Drawn by:

GW

Proposal:

Site development

Drawing Title:

Block Plan with Drainage

Date:

Sep 2025

**A.T.C. Design and Build Ltd.,
Design and Build Consultants**

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1:250 at AO

Job No.

ATC 1120

Dwg No.

ATC 1120.98(e)

Status:

For Discussion