

NOTES:
THE COPYRIGHT OF THIS DRAWING REMAINS VESTED WITH A.T.C. DESIGN AND BUILD LTD AND THE DRAWING MAY NOT BE REPRODUCED WITHOUT THE WRITTEN APPROVAL OF A.T.C. DESIGN AND BUILD LTD.
THIS DRAWING HAS BEEN PREPARED TO A RECOGNISED SCALE AND CONSENT IS GRANTED TO LOCAL AUTHORITY DEPARTMENTS OF TOWN PLANNING AND BUILDING CONTROL FOR THE DRAWING TO BE SCALED WHERE REQUIRED.
CONTRACTORS IN GENERAL ARE REQUESTED NOT TO SCALE CRITICAL DIMENSIONS AND ARE INSTRUCTED TO REFER TO A.T.C. DESIGN AND BUILD LTD FOR SPECIFIC DIMENSIONS BEFORE WORK COMMENCES

- Highway drain
- Storm and Surface Water Drain
- Slot drain
- Storm and Surface Water manhole
- Attenuation Tank
- Rainwater Harvesting TANK SYSTEM

Catchpit and Drainage Schedule					
Drainage Run	Pipe Diameter	Pipe Length	Gradient	Connection Detail	Catchpit Details
HD5 to HD6	150mm	27500mm	1 in 60	Straight conection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD6 to HD10	300mm	33500mm	1 to 100	Straight conection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD10 to HD9	300mm	28500mm	1 to 100	Straight conection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD8 to HD9	150mm	16500mm	1 in 60	Straight conection into Catchpit	Depth below inlet invert to base of catchpit 450mm
HD7 to HD8	150mm	25000mm	1 in 60	Straight conection 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
HD6	1200mm			98.77	97.5
HD7	900mm		not required		
HD8	1200mm			98.65	97.5
HD9	1350mm			98.88	97.15
HD10	1200mm			99.20	97.35
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 (c) Attenuation tank reconfigured.
Revision (b) June 2025 Drainage layout revised.
Revision (a) June 2025 Drainage layout revised.

Applicant: Kelproperties Ltd	Proposal: Site development
Location: Midland Distribution Centre Marksfield Road Leicester LE6 0FS	Drawing Title: Site redevelopment Block plan showing Surface water drainage
Drawn by: GW	Date: March 2025
A.T.C. Design and Build Ltd., Design and Build Consultants The Design Studios, Lower Drayton, Brimfield, Ludlow, Shropshire SY8 4NX	Scales: 1:250 at AO Job No. ATC 1120 Dwg No. ATC 1120.98(c)
Mobile: 01584 711286	Status: Construction issue
Email: ATCDandB@gmail.com	