



ATTENUATION BASIN
 BASE AREA= 347.2 m²
 TOP OF BASIN AREA= 739.9 m²
 SIDE SLOPES=1:1
 TOP OF BASIN=135.50
 BASE LEVEL=134.10
PPP MODEL DETAILS
 TOTAL SITE AREA = 5.4 ha
 CONTRIBUTING AREA:
 IMPERMEABLE SURFACES, ROADS, ROOFS, DRIVEWAYS = 0.73 ha
 UNDEVELOPED GREENFIELD = 0.83 ha
 360 MINUTE 10.0% AEP RAINFALL EVENT MODEL RESULTS,
 BASED ON A 3.5 l/s OUTFLOW:
 DISCHARGE VOLUME = 104.8 m³
 WATER LEVEL = 134.583 m AOD
 FREEBOARD = 0.917 m

ATTENUATION BASIN
 BASE AREA= 424.7 m²
 TOP OF BASIN AREA= 919.6 m²
 SIDE SLOPES=1:1
 TOP OF BASIN=128.55
 BASE LEVEL=127.15
PPP MODEL DETAILS
 TOTAL SITE AREA = 5.4 ha
 CONTRIBUTING AREA:
 IMPERMEABLE SURFACES, ROADS, ROOFS, DRIVEWAYS = 1.24 ha
 UNDEVELOPED GREENFIELD = 1.22 ha
 360 MINUTE 10.0% AEP RAINFALL EVENT MODEL RESULTS,
 BASED ON A 13.3 l/s OUTFLOW:
 DISCHARGE VOLUME = 214.0 m³
 WATER LEVEL = 127.075 m AOD
 FREEBOARD = 0.975 m

AS ROADS IN SOUTHERN PART OF SITE ARE COMPLETED, PIPE REACTOR AND SILT CAPTURE CHANNEL TO BE MOVED ONTO THE PUMP STATION ROAD, WITH FLOWS PUMPED FROM SW MANHOLE THROUGH THE TREATMENT SYSTEM AND ALLOWED TO DRAIN BACK INTO THE FLOW CONTROL MANHOLE VIA GULLY IN LOW SPOT OF ROAD.

OFFSITE OUTFALL CONNECTION ASSUMED TO BE COMPLETE DURING PHASE 3

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT WEETWOOD DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF WEETWOOD.
- ANNUAL EXCEEDANCE PROBABILITY RAINFALL EVENTS:
 - 100.0% (1:1) AEP RAINFALL EVENT
 - 50.0% (1:2) AEP RAINFALL EVENT
 - 3.3% (1:30) AEP RAINFALL EVENT
 - 1.0% (1:100) AEP RAINFALL EVENT
- PROPOSED SITE LAYOUT TAKEN FROM LAYOUT PROVIDED BY MILLER HOMES (JUL 2025).
- EXISTING LEVEL INFORMATION TAKEN FROM LAYOUT PROVIDED BY MILLER HOMES (JUL 2025).
- PROPOSED SURFACE WATER AND FOUL DRAINAGE TAKEN FROM DRAINAGE PLAN PROVIDED BY MILLER HOMES ON JUL 2025 (FILE REF: 1223-X-Cvbase)

- PPP KEY**
- PROPOSED BUNDING
 - PROPOSED DISH CHANNEL
 - PROPOSED SILT FENCING
 - PROPOSED PUMP HOSE/RISING MAIN
 - PROPOSED PUMP
 - PROPOSED PPP CHAMBER
 - PROPOSED PPP OUTLET PIPE
 - EXTENT OF TOPSOIL STRIP (PHASE 1)
 - EXTENT OF TOPSOIL STRIP (PHASE 2)
 - OVERLAND FLOW ROUTE
 - EXISTING GROUND LEVEL
 - PROPOSED GROUND LEVEL
- DESIGNS BY OTHERS:
- PROPOSED SURFACE WATER SEWER
 - EXISTING WATERCOURSE
 - EXISTING TOPOGRAPHICAL LEVEL
 - SITE BOUNDARY

P2	05.02.26	PPP ARRANGEMENTS TO EAST OF ATTENUATION BASIN AMENDED	WC	TB
P1	28.08.25	INITIAL ISSUE	WC	TB

REV	DATE	DESCRIPTION	DRAWN BY	CHECK BY
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Client MILLER HOMES	
Drawing Status CONSTRUCTION	Date AUG 2025
Project HERMITAGE PARK LEPTON HUDDERSFIELD	Scale (1:1) 1:500
Drawn by WC	Check by TB
Drawing Number 6629-WTWD-00-XX-DR-D-9431	Revision P2
Drawing Title POLLUTION PREVENTION PLAN PHASE 3	