



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE DESIGN TEAM.
- DRAINAGE AND LEVELS STRATEGIES PROVIDED FOR PLANNING AND NOT TO BE USED FOR CONSTRUCTION.
- ALL WORKS SUBJECT TO DETAILED DESIGN.
- GREENFIELD RUNOFF RATE = 6.3 l/s.
- PROPOSED SURFACE WATER NETWORK TO MIMIC GREENFIELD RUNOFF RATE OF 6.3 l/s FOR ALL STORM EVENTS UP TO AND INCLUDING 100yr EVENT INCLUDING ADDITIONAL 45% FOR CLIMATE CHANGE ALONG WITH 10% FOR URBAN CREEP.
- PROPOSED SURFACE WATER NETWORK TO DISCHARGE INTO EXISTING SCENARIO.
- SURFACE WATER ATTENUATION VOLUME REQUIRED = 1255m³ - 2093m³ BASED ON MICRO-DRAINAGE QUICK STORAGE ESTIMATE.
- SURFACE WATER TREATMENT PROVIDED VIA 3NO. OPEN SUDS DEVICES (PONDS) TREATING ALL RUNOFF PRIOR TO DISCHARGE TO EXISTING DITCH. ADDITIONAL PRE-TREATMENT PROVIDED BY SWALE LOCATED IN THE CENTRAL GREEN CORRIDOR.

LEGEND:

- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED FOUL WATER DRAINAGE
- INDICATIVE PRIVATE FOUL WATER PACKAGE PUMP STATION
- INDICATIVE PRIVATE FOUL WATER RISING MAIN
- EXISTING GROUND LEVEL
- PROPOSED LEVEL
- PROPOSED GRADIENT
- REGARDING / SLOPE 1:3 GRADIENT
- SITE BOUNDARY
- PERMEABLE PAVING

FINISHING COURSE
PERMEABLE CONCRETE BLOCK PAVING - 80mm THICK
LAYING COURSE - 50mm OF 6mm STONE
OPTIONALLY - 100mm THICK ASPHALT CONCRETE
FINISHING COURSE - 100mm THICK CORE DRAILED PRIOR TO
SUB BASE - 100mm GRANULAR MATERIAL, 40% COURSE AGGREGATE OR
SILAR, THICKNESS TO BE CORE DRAILED PRIOR TO
OPTIONALLY - 100mm THICK CORE DRAILED HOLES ON A CIRCULAR
GRID OF 750mm, FILLED WITH 6mm CLEAN STONE, TOP SURFACE TO
REINFORCE COVERED WITH GEOTEXTILE

PERMEABLE BLOCK PAVING
TYPICAL CONSTRUCTION

H	LAYOUT AMENDED TO REFLECT THE REVISED LG	SW	SW	17/06/24	
G	DRAINAGE LAYOUT FURTHER UPDATED TO CLIENT'S COMMENTS	LG	SW	29/04/24	
F	DRAINAGE LAYOUT FURTHER UPDATED TO CLIENT'S COMMENTS	AK	SW	26/04/24	
E	DRAINAGE LAYOUT UPDATED TO CLIENT'S COMMENTS	AK	SW	25/04/24	
D	UPDATED TO SUIT REVISED PLANNING LAYOUT	JK	SW	09/02/24	
C	EXISTING POND AND POND OUTFALL NOTES ADDED TO CLIENT REQUEST. POND OUTFALL ROUTE ADDED INDICATIVELY. LAYOUT UPDATED TO LATEST ARCHITECT CHANGES RECEIVED 04-10-2023	SW	SW	04/10/23	
B	DRAWING TITLE AMENDED. MINOR DRAINAGE CHANGES TO CLIENT COMMENTS. LAYOUT UPDATED TO ECE ARCHITECTURE DRAWING 7343 PL-04 REV E.	SW	SW	BAC12/09/23	
A	EASTERN MOST POND SIZE INCREASED	SW	SW	BAC25/09/23	
Rev	Amendments	Dm	CHK	App	Date

ODYSSEY

Unit 1 Pucknell Farm
Dores Lane
Brantham
Romsey SO51 0QJ

Telephone: 01784 537880
Fax: 01266 331154
E: info@odysseyconsult.co.uk
W: www.odysseyconsult.co.uk

Job Title
LAND AT HANLYE LANE, CUCKFIELD WEST SUSSEX

Drawing Title
DRAINAGE STRATEGY

Client
SIGMA HOMES

Scale 1:500	Date AUGUST 23	Designed SCW
Drawn SCW	Checked AK	Approved BAC
Job No 23-148	Drawing No 23-148-001	Rev H