



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 WATER COURSE LEADING TO SCASE STREAM MIMICKING 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
- REGRADES / SLOPE 1:3 GRADIENT
- SITE BOUNDARY
- PERMEABLE PAVING

I	OPTION 1 OUTLET MOVED TO FALL WITHIN SITE BOUNDARY LINE	AK	SW	SW	16/09/24
H	LAYOUT AMENDED TO REFLECT THE REVISED PLANNING LAYOUT	LG	SW	SW	17/06/24
G	DRAINAGE LAYOUT FURTHER UPDATED TO CLIENT'S COMMENTS	LG	SW	SW	29/04/24
F	DRAINAGE LAYOUT FURTHER UPDATED TO CLIENT'S COMMENTS	AK	SW	SW	26/04/24
E	DRAINAGE LAYOUT UPDATED TO CLIENT'S COMMENTS	AK	SW	SW	25/04/24
D	UPDATED TO SUIT REVISED PLANNING LAYOUT	JK	SW	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	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	BAC	2/09/23
A	EASTERN MOST POND SIZE INCREASED	SW	SW	BAC	05/09/23
Rev	Amendments	Drm	Chk	App	Date

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Job Title

LAND AT HANLYE LANE, CUCKFIELD WEST SUSSEX

Drawing Title

DRAINAGE STRATEGY

Client

SIGMA HOMES

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

THE APPROXIMATE WATERCOURSE LOCATION HAS BEEN ESTIMATED USING 2021 1METRE LIDAR COMPOSITE DIGITAL TERRAIN MODEL DOWNLOADED FROM THE DEPARTMENT FOR ENVIRONMENT FOOD AND RURAL AFFAIRS. LOCATION TO BE CONFIRMED ON-SITE.