



Path (um)

Drain

DETENTION BASIN 1.05M DEEP
300MM FREEBOARD
1/3 SIDE SLOPES

PROPOSED FOUL CONNECTION

PROPOSED HYDRO-BRAKE CHAMBER ATTENUATED DISCHARGE OF 5 SLIT/SEC

DRAINAGE STRATEGY

- 2 INFILTRATED TESTS WERE UNDERTAKEN ONSITE IN ACCORDANCE WITH BRE 365. TP2 &3 WERE SUBJECTED TO A SOAKAWAY TEST, MINIMAL REDUCTION IN WATER LEVEL WAS OBSERVED, AS SUCH IT IS CONSIDERED THAT INFILTRATION METHODS OF SURFACE WATER IS VIABLE.
- EACH PLOT TO INCLUDE A WATER BUTT WITH AN OVERFLOW DISCHARGING INTO THE PLOTS OWN PRIVATE PERMEABLE PARKING BAY SURFACE PRIOR TO DISCHARGING OFF SITE.
- HIGHWAY RUNOFF TO BE COLLECTED WITHIN A SERIES OF CONVEYANCE SWALES, DISCHARGING INTO A DETENTION BASIN.
- SHARED ROAD DRIVEWAYS TO BE CONSTRUCTED FROM PERMEABLE SURFACE DISCHARGING INTO CONVEYANCE SWALES OR PIPED SYSTEMS
- PROPOSE FOUL SYSTEM TO GRAVITATE INTO DCWW CHAMBER

GENERAL NOTES

1. DO NOT SCALE THIS DRAWING.
2. CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.
3. ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

KEY

- SITE BOUNDARY
- PROPOSED SWALE
- PROPOSED S&B ADAPTABLE PERMEABLE SURFACE
- PROPOSED DETENTION BASIN
- PRIVATELY MAINTAINABLE PERMEABLE SURFACE
- PROPOSED STORM PIPES S.W DRAINAGE
- PROPOSED PRIVATELY MAINTAINABLE S.W DRAINAGE - PERFORATED PIPEWORK
- PROPOSED ADAPTABLE FOUL DRAINING
- PROPOSED PRIVATELY MAINTAINABLE S.W DRAINAGE
- SURFACE WATER RUNOFF DIRECTION

Rev.	Detail	By	Date

Revisions

Reinforcement schedules nos.



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Client **TAD BUILDERS LTD**

Project **HOUSING DEVELOPMENT AT CAERGAR ROAD LLWYNLENDY LLANELLI**

Drawing Title **DRAINAGE STRATEGY PLAN**

PRELIMINARY

Project No. 1644	Drawing No. C-SK01
Scales 1:250	Date 08/10/20
Drawn DH	Checked DH
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