

DO NOT SCALE

LEGEND

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|--------------------------------|--|
| [Red line] | SITE BOUNDARY |
| [Blue dashed line] | SURFACE WATER DRAIN/SEWER |
| [Blue dashed line with arrows] | PERFORATED SURFACE WATER DRAIN |
| [Blue dashed line with arrows] | GULLY OUTLET DRAIN |
| [Blue dashed line] | LINEAR DRAIN |
| [Yellow dashed line] | COMBINED KERB AND DRAINAGE |
| [Blue dashed line] | FOUL WATER DRAIN/SEWER |
| [Green box] | DETENTION BASIN |
| [Green box with dots] | RAIN GARDEN AND OVERFLOW |
| [Blue box] | UNDER-DRAINED SWALE |
| [Blue box with circles] | GEOCELLULAR ATTENUATION TANK |
| [Blue box with circles] | HEADWALL |
| [Blue box with circles] | FLOW CONTROL CHAMBER |
| [Blue arrow] | INDICATIVE SURFACE WATER RUNOFF DIRECTION |
| [Blue arrow] | EXISTING SURFACE WATER DRAIN/SEWER |
| [Purple line] | INDICATIVE PROPOSED 1% AEP+CC FLOOD LEVEL CONTOUR (67.84m AOD) |
| [Pink shaded area] | 20m OFFSET FROM NETWORK RAIL EMBANKMENT |

- NOTES
1. THIS DRAWING MUST BE READ ALONGSIDE ALL RELEVANT DOCUMENTS AND DRAWINGS, INCLUDING 1972-WSP-XX-XX-RP-C-02 DRAINAGE STATEMENT TO DETAILED DESIGN
 2. INFILTRATION ASSUMED TO BE NON-FEASIBLE OPTION, SUBJECT TO SITE GROUND INVESTIGATION
 3. PROHIBITIVE EXTENT OF 20m FOR INFILTRATION ASSUMED FROM NETWORK RAIL EMBANKMENT
 4. PROPOSED FLOOD LEVEL CONTOUR HAS BEEN ESTIMATED INDICATIVELY BASED ON PROPOSED SITE SECTIONS AND MODELLED FLOOD LEVEL, AND IS SUBJECT TO DETAILED LEVELS DESIGN

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES OR STATUTORY BODIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR AND / OR EMPLOYER COMMENCE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT THEIR OWN RISK



TREATMENT BASIN
INDICATIVE INVERT LEVEL 66.95m AOD
INDICATIVE WATER DEPTH 0.5m
POTENTIAL TO USE AS SUPPLEMENTARY FEATURE TO ATTENUATION TANK TO BE CONSIDERED AT DETAILED DESIGN STAGE

GEOCELLULAR ATTENUATION TANK PROVIDING MINIMUM 183m³ ATTENUATION
0.50m STORAGE DEPTH
INDICATIVE INVERT LEVEL 66.41m AOD
VENT PIPE TO BE SET ABOVE 1000YRP FLOOD LEVEL

HYDROBRAKE FLOW CONTROL
DESIGN HEAD 0.5m
MAXIMUM DISCHARGE 2.5L/s
DOWNSTREAM CONNECTION 66.30m AOD TBC

DOWNSTREAM CONNECTION LOCATION AND LEVEL TO BE CONFIRMED BY SURVEY

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|-----|------------|-----|-------------|-----|-----|
| PO1 | 16/12/2021 | DJM | FIRST ISSUE | IC | NW |
| REV | DATE | BY | DESCRIPTION | CHK | APP |

DRAWING STATUS: **S2 - FOR INFORMATION**

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CLIENT: **CARMARTHENSHIRE COUNTY COUNCIL**

SUPPLY CHAIN PARTNER: **ASBRI PLANNING**

SITE/PROJECT: **LAND OFF CILYCWYM ROAD, LLANDOVERY**

TITLE: **PROPOSED OUTLINE DRAINAGE STRATEGY**

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|-------------|----------|-----------|-----------|-------------|
| SCALE @ A1: | 1:200 | CHECKED: | APPROVED: | ARW |
| PROJECT NO: | 70081972 | DESIGNED: | DJM | DATE: |
| | | DRAWN: | DJM | December 21 |

DRAWING NO: **1972-WSP-XX-XX-DR-C-0500** REV: **P01**

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