NOTES

1. This drawing is copyright.
2. All dimensions are to be checked prior to the construction or manufacture. Any discrepancy to be reported to the Engineers immediately.
3. Do not scale this drawing, work to figured dimensions only.

PROPOSED SURFACE WATER DRAINAGE FROM DEVELOPMENT SITE TO DISCHARGE TO EXISTING CULVERTED WATERCOURSE SUBJECT TO APPROVAL FROM AND AGREEMENT WITH MTCBC DRAINAGE

FLOW CONTROL CHAMBER

PLOT 42 TYPE 'J' FFL : 290.900
PLOT 41 TYPE 'D' FFL : 291.900
PLOT 40 TYPE 'L' FFL : 292.400

DRAINAGE / SuDS LEGEND

- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED FOUL WATER SEWER : DOMESTIC
- PROPOSED FOUL WATER SEWER : ADOPTABLE
- PROPOSED FOUL WATER SEWER : DOMESTIC
- PROPOSED FOUL WATER SEWER : ADOPTABLE
- PROPOSED DRAINAGE CHANNEL
- PROPOSED DETENTION BASIN INDICATING MAXIMUM WATER LEVEL AND ANTICIPATED EXTENT OF ADDITIONAL BELOW GROUND CELLULAR STORAGE UNITS REQUIRED TO ACCOMMODATE THE FULL CAPACITY OF ON SITE SURFACE WATER.
- PROPOSED ROAD SWALE (UNDER DRAINED) SERVING THE DEVELOPMENT ACCESS ROAD : WITH PERFORATED CARRIER PIPE BELOW
- PROPOSED RAIN GARDENS (UNDER DRAINED) SERVING THE DEVELOPMENT ACCESS ROAD AND INDIVIDUAL PLOTS : WITH PERFORATED CARRIER PIPE BELOW
- PROPOSED DOMESTIC PARKING BAYS FINISHED WITH PERMEABLE PAVIORS (NO INFILTRATION TO GROUND – FOR WATER QUALITY ONLY) : WITH PERFORATED CARRIER PIPE BELOW

ANTICIPATED DIRECTION OF SURFACE WATER FLOW IN THE EVENT OF EXCEEDANCE OF THE DESIGN CAPACITY OF THE SURFACE WATER SYSTEM.

N W E S

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Project Title: DEVELOPMENT AT SWANSEA ROAD MERTHYR TYDFIL

Drawing Title: PRELIMINARY SITE LAYOUT : DRAINAGE

Scales	1:250 @ A1		
Drawn	ov	Checked	Date 30 JAN 2023
Client	MERTHYR VALLEYS HOMES		
Architect	C2J ARCHITECTS		

Drawing Number: S.7810–PRE–004 REV .

REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REVISIONS