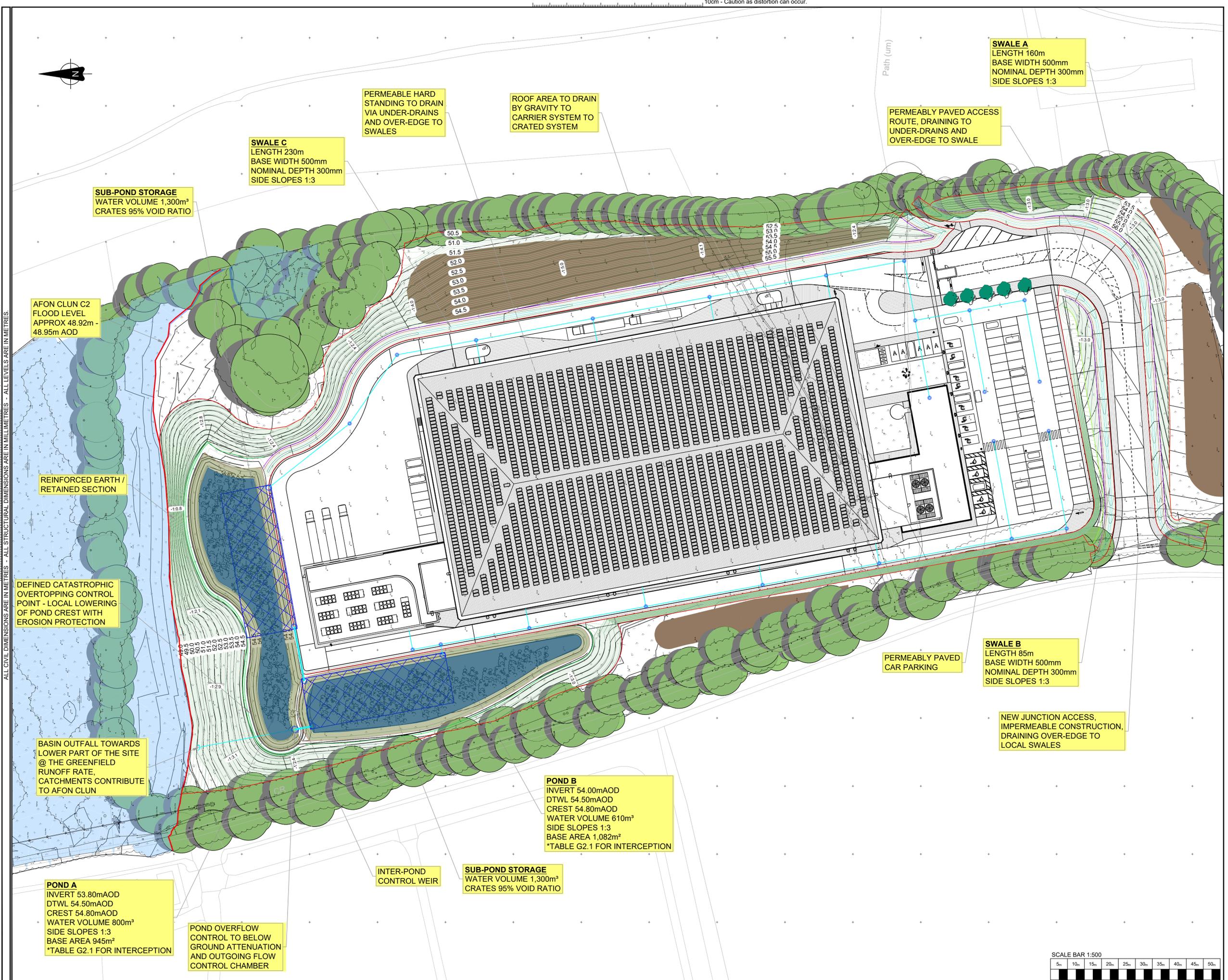


- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE FROM THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED AND VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- FOR GENERAL NOTES, REFER TO DRAWING:

Project:  
TALBOT GREEN, MWYNDY



**SWALE A**  
LENGTH 160m  
BASE WIDTH 500mm  
NOMINAL DEPTH 300mm  
SIDE SLOPES 1:3

**SWALE C**  
LENGTH 230m  
BASE WIDTH 500mm  
NOMINAL DEPTH 300mm  
SIDE SLOPES 1:3

**SUB-POND STORAGE**  
WATER VOLUME 1,300m<sup>3</sup>  
CRATES 95% VOID RATIO

PERMEABLE HARD STANDING TO DRAIN VIA UNDER-DRAINS AND OVER-EDGE TO SWALES

ROOF AREA TO DRAIN BY GRAVITY TO CARRIER SYSTEM TO CRATED SYSTEM

PERMEABLY PAVED ACCESS ROUTE, DRAINING TO UNDER-DRAINS AND OVER-EDGE TO SWALE

**AFON CLUN C2 FLOOD LEVEL**  
APPROX 48.92m - 48.95m AOD

REINFORCED EARTH / RETAINED SECTION

DEFINED CATASTROPHIC OVERTOPPING CONTROL POINT - LOCAL LOWERING OF POND CREST WITH EROSION PROTECTION

BASIN OUTFALL TOWARDS LOWER PART OF THE SITE @ THE GREENFIELD RUNOFF RATE, CATCHMENTS CONTRIBUTE TO AFON CLUN

**SWALE B**  
LENGTH 85m  
BASE WIDTH 500mm  
NOMINAL DEPTH 300mm  
SIDE SLOPES 1:3

PERMEABLY PAVED CAR PARKING

NEW JUNCTION ACCESS, IMPERMEABLE CONSTRUCTION, DRAINING OVER-EDGE TO LOCAL SWALES

**POND B**  
INVERT 54.00m AOD  
DTWL 54.50m AOD  
CREST 54.80m AOD  
WATER VOLUME 610m<sup>3</sup>  
SIDE SLOPES 1:3  
BASE AREA 1,082m<sup>2</sup>  
\*TABLE G2.1 FOR INTERCEPTION

INTER-POND CONTROL WEIR

**SUB-POND STORAGE**  
WATER VOLUME 1,300m<sup>3</sup>  
CRATES 95% VOID RATIO

**POND A**  
INVERT 53.80m AOD  
DTWL 54.50m AOD  
CREST 54.80m AOD  
WATER VOLUME 800m<sup>3</sup>  
SIDE SLOPES 1:3  
BASE AREA 945m<sup>2</sup>  
\*TABLE G2.1 FOR INTERCEPTION

POND OVERFLOW CONTROL TO BELOW GROUND ATTENUATION AND OUTGOING FLOW CONTROL CHAMBER

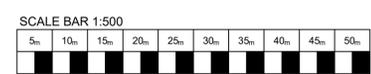
REV	DESCRIPTION	DATE	DRW	CHK
P02	COORDINATION WITH ARCHITECTS LAYOUT	19.02.25	DDH	DDH
P01	INITIAL ISSUE FOLLOWING TREE RPA PROTECTION UPDATE	01.12.23	DDH	-

Drawing Title:  
**DRAINAGE GENERAL ARRANGEMENT DATA CENTRE**

Burroughs Project No.: 51040  
Scale: 1:500  
Original Paper Size: A1

Drawing Number:  
**51040-BUR-XX-XX-D-C-10501**  
Status: S0  
Status Description: WORK IN PROGRESS

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N:\51040-00 TALBOT GREEN FCA SAB01 PRODUCTION FORM-01 - DRAWINGS\20 CIVILS\51040-BUR-XX-XX-D-C-10501 - DRAINAGE GA - DATA CENTRE.DWG  
ALL CIVIL DIMENSIONS ARE IN METRES - ALL STRUCTURAL DIMENSIONS ARE IN MILLIMETRES - ALL LEVELS ARE IN METRES.  
10cm - Caution as distortion can occur.