



DISTRIBUTION TRENCH TO DISPERSE GREENFIELD RUNOFF FLOWS ALONG TOP OF BANK WHICH FALLS TO ORDINARY WATERCOURSE TO THE WEST THROUGH WOODLAND AREAS.

HYDROBRAKE FLOW CONTROL RESTRICTED TO 15l/s.

LINKED DETENTION BASIN. APPROXIMATE STORAGE VOLUME 230m³

CHECK DAM/WEIRS TO MAXIMISE STORAGE WITHIN SWALE.

PIPE THROTTE RESTRICTIONS FOR DISCHARGE FROM TANKED OPEN GRADED SUBBASE BENEATH PITCH

SWALE 1m DEEP, BASE WIDTH 5m, 1 IN 3 SIDE SLOPES. APPROX. STORAGE VOLUME 256m³

TANKED OPEN GRADED SUBBASE STORAGE APPROX. 438m³. ASSUMING MIN. 150mm OPEN GRADED STORAGE SUBBASE THICKNESS.

PITCH DRAINAGE SHOWN INDICATIVELY ONLY AND SUBJECT TO SPECIALIST DESIGN.

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DO NOT SCALE FROM THIS DRAWING.

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO CAMBRIA CONSULTING LIMITED BEFORE PROCEEDING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION, FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER DESIGNERS, IN PARTICULAR THE M&E CONSULTANT REGARDING EXISTING LIVE SERVICES.

 THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES OF RISK WITHIN THE CONSTRUCTION PROCESS. ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

KEY:	
	EXISTING SURFACE WATER
	EXISTING FOUL WATER
	PROPOSED FOUL DRAIN
	PROPOSED SURFACE WATER DRAIN
	PROPOSED LAND DRAIN
	PROPOSED CHANNEL DRAIN
	PROPOSED KERB DRAIN
	DCWW EASEMENT
	POROUS ASPHALT
	PERMEABLE PAVING
	RAINGARDEN / BIORETENTION FEATURE
	SWALE
	POTENTIAL ADDITIONAL SUDS AREAS
	RAINWATER HARVESTING TANK
	CELLULAR ATTENUATION TANK

- NOTES:
1. ALL SURFACE WATER DRAINAGE SUBJECT TO SAB APPROVAL.
 2. ROUTING OF DRAINAGE, ATTENUATION STORAGE, SUDS AREAS INDICATIVE ONLY AND SUBJECT TO DESIGN DEVELOPMENT AND CONSULTATION WITH THE SAB.
 3. INTERNAL WASTE STACK POSITIONS AND RAINWATER DOWN PIPE POSITIONS TO BE CONFIRMED.
 4. SURFACING MATERIALS & FINISHES TO BE CONFIRMED.
 5. EXTENT OF NEW HIGHWAY DRAINAGE TO BE CONFIRMED.
 6. ALL PRIVATE DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH BUILDINGS REGS PART H.
 7. ALL ADOPTABLE DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH WELSH MINISTER STANDARDS.
 8. ALL SUDS FEATURES TO BE DESIGNED IN ACCORDANCE WITH CIRIA C753 THE SUDS MANUAL.
 9. ALL SURFACE WATER DRAINAGE DESIGNED FOR THE 1 IN 100YR+40% STORM EVENT.

P02	ISSUED FOR PLANNING.	DC	BW	BW
				21/04/23
P01	ISSUED FOR PAC.	DC	BW	BW
				10/02/23
Rev.	Description	By	Chk	App



Client:
BLESSED CARLO ACUTIS CATHOLIC SCHOOL

Drawing Title:
DRAINAGE STRATEGY PLAN (SHEET 3 OF 3)

Drawing No.
BCA CAM XX XX DR C 0502

Project	Originator	Vol.	Level	Type	Role	Number
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Status:	Scale @A1:	Rev.
S4 STAGE APPROVAL	1:500	P02

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