



3669

EXISTING SURFACE WATER DRAINAGE REGIME TO REMAIN.
RE-SURFACING AND ROAD MARKINGS PROPOSED IN
NORTHERN CAR PARK ONLY

PROPOSED TEMPORARY SPORTS HALL TO BE PROVIDED
DURING THE WORKS PROGRAMME ONLY AND REMOVED
FOLLOWING COMPLETION OF BLOCK N. GREENBLUE URBAN
SUDSPOD® RAISED PLANTERS CHOSEN AS PLUG-AND-PLAY
AND NON-INTRUSIVE SUDS FEATURE (TO BE REMOVED
ALONG WITH SPORTS HALL)

EXISTING CAR PARK DRAINAGE TO
CONNECT INTO PROPOSED SCHEME
DRAINAGE & FLOWS ARE INCLUDED
WITHIN UPDATED HYDRAULIC
CALCULATIONS

PERMEABLE ASPHALT PAVING
SYSTEM ON ONE SIDE OF
PROPOSED HYDRANT TANK
CONCRETE SLAB

PROPOSED DIVERSION FOR
EXISTING RAINWATER PIPE
DRAINAGE DIVERSION

PROPOSED RAINGARDENS SIZED ON
INTERCEPTION REQUIREMENTS IN
ACCORDANCE WITH TABLE G2.1

PROPOSED DIVERSION FOR
EXISTING RAINWATER PIPE
DRAINAGE DIVERSION

LINED PROPOSED
ATTENUATION TANK
BELOW PERMEABLE
ASPHALT PAVING SYSTEM

PROPOSED
GREEN/BLUE ROOF
ABOVE BLOCK N

LINED PROPOSED
ATTENUATION TANK
BELOW PERMEABLE
ASPHALT PAVING SYSTEM

- NOTES: EXISTING MANHOLES & DRAINS
1. THE POSITIONS AND LEVELS SHOWN FOR EXISTING MANHOLES AND DRAINS ARE APPROXIMATE
 2. AT THE COMMENCEMENT OF WORKS THE CONTRACTOR SHALL UNDERTAKE A FULL SURVEY OF THE EXISTING DRAINAGE TO VERIFY THE DETAILS SHOWN. ANY SIGNIFICANT DISCREPANCIES OR ANY ADDITIONAL DRAINAGE NOT IDENTIFIED SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY
 3. IF ANY EXISTING FOUL OR SURFACE DRAIN THAT HAS NOT BEEN IDENTIFIED IS FOUND WITHIN THE SITE THE CONTRACTOR IS TO INVESTIGATE THE ORIGIN AND STATUS OF THE DRAIN AND REPORT TO THE ENGINEER FOR INSTRUCTION
 4. REDUNDANT DRAINS ARE TO BE DEALT WITH AS FOLLOWS
 - 4.1. WITHIN THE FOOTPRINT OF THE NEW BUILDING:- DRAINS ARE TO BE REMOVED AND THE RESULTING TRENCH BACKFILLED AND COMPACTED WITH SUITABLE FILL MATERIAL
 - 4.2. OUTSIDE THE BUILDING FOOTPRINT: DEPTH >1.0m FROM FINISHED LEVELS TO CROWN OF PIPE - DRAINS ARE TO BE ABANDONED DEPTH <1.0m FROM FINISHED LEVELS TO CROWN OF PIPE - DRAINS TO BE REMOVED AND BACKFILLED
 - 4.3. ALL ABANDONED DRAIN RUNS SHALL BE SEALED AT EACH END WITH GENS CONCRETE
 5. MANHOLES TO BE REMOVED SHALL BE COMPLETELY BROKEN OUT AND BACKFILLED WITH SUITABLE COMPACTED FILL MATERIAL. UNDATED COVERS AND FRAMES SHALL BE RETAINED ON SITE FOR RE-USE WHERE APPROPRIATE.
 6. WHERE NEW MANHOLES ARE TO BE CONSTRUCTED ON EXISTING DRAIN RUNS, ROCKER PIPES SHALL BE INSTALLED ON ALL ENTRIES, INCLUDING THE EXISTING RUN, IN ACCORDANCE WITH THE SPECIFICATION.

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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 FOUL DRAINAGE
 - FOUL DRAINAGE PIPE
 - FOUL DRAINAGE CHAMBER
 - SURFACE WATER DRAINAGE PIPE (CARRIER)
 - SURFACE WATER DRAINAGE PIPE (PERFORATED)
 - SURFACE WATER DRAINAGE CHAMBER
 - LINEAR / THRESHOLD CHANNEL DRAIN
 - RODDING EYE
 - RAINGARDEN
 - PERMEABLE BLOCK PAVING
 - PERMEABLE ASPHALT PAVING
 - GREEN/BLUE ROOF
 - IMPERMEABLE TEMPORARY SPORTS HALL ROOF
 - GREENBLUE URBAN SUDSPOD® RAISED PLANTERS
 - ATTENUATION TANK
 - DIFFUSER UNIT AT SUB-BASE FORMATION LEVEL

- NOTES:
1. PROPOSED DRAINAGE DESIGN IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT H & SEWERS FOR ADOPTION 7TH EDITION.
 2. DRAINAGE DESIGN SUBJECT TO DETAILED HYDRAULIC MODELLING & CONSULTATION WITH SAB.
 3. DRAINAGE RATES, ATTENUATION STORAGE & EXTENT OF ABOVE GROUND SUDS SUBJECT TO SAB APPROVAL.
 4. ALL DOWNPIPES TO DISCHARGE TO SUDS FEATURES VIA ABOVE GROUND CHANNELS AND BELOW GROUND PIPES.
 5. ALL PIPEWORK Ø150 UNLESS OTHERWISE STATED.
 6. ALL CHAMBER COVERS LOCATED IN VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: D400.
 7. ALL CHAMBER COVERS LOCATED IN NON-VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: B125.
 8. RAINWATER PIPES POSITIONS ARE SHOWN INDICATIVELY AND ARE TO BE CONFIRMED BY THE ARCHITECT.

P05	REVISED SITE PLAN	GJ	RJ	RJ
			04/09/26	
P04	ISSUED FOR S73 APPLICATION	RJ	RJ	RJ
			30/04/26	
P03	ISSUED FOR FULL SAB APPLICATION	GJ	RJ	LKM
			03/10/25	
P02	ISSUED FOR PRE-SAB APPLICATION	GJ	RJ	LKM
			04/03/25	
P01	ISSUED FOR RIBA STAGE 3	GJ	RJ	RJ
			07/02/25	
Rev.	Description	By	Chk	App

Client:

 WILLMOTT DIXON
CONSTRUCTION

 CYSON CYMRU
Gwasanaethau eiddo • Property services

Project:

CAERLEON SCHOOL
CB2183

Drawing Title:

PROPOSED DRAINAGE
OVERVIEW

Drawing No.

CB2183 CAM XX XX DR C 0500

Project	Originator	Function	Spacial	Form	Disc	Number
		B'down	B'down			
Status:	S4 PRELIMINARY	Scale @A1:	1:500	Rev.	P05	

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