



15 INVERT LEVEL

PROPOSED OFFSITE CONNECTION
TO EXISTING DCWW SURFACE
WATER SEWER NETWORK. FINAL
ALIGNMENT SUBJECT TO FURTHER
CO-ORDINATION WITH EXISTING
UTILITIES AND DCWW APPROVAL.

S3	
COVER LEVEL	- 328.011
INVERT LEVEL	- 326.200

IL: 325.539m
180. 21

DCWW 630mm HPPE
IL: 326.1805

BYPASS SEPERATOR
LOCATION - SEE SPECIFICATION

S2 (1500mm Dia. PCC)
COVER LEVEL - 328.500
INVERT LEVEL - 326.870
FLOW CONTROL CHAMBER FITTED WITH
HYDRO-BRAKE® DESIGN FLOW RATE 2.5 L/S
SUMP = 400mm (TBC AT DETAILED DESIGN)

COLLECTION DRAIN-
SYSTEM (REFER TO
FOR SPECIFICATION
8 x 0.75m)=42m³
VOID RATIO OF 0.95
K TO BE 326.900m

 PROPOSED FILTER DRAIN TO REAR-
OF PERMEABLE PAVING TO INTERCEPT
ANY POTENTIAL OVERFLOWS

S1 (1200mm Dia. PCC CATCHPIT)
COVER LEVEL - 328.574
INVERT LEVEL - 326.950


 LINED PERMEABLE PAVING.
 FORMATION OF PERMEABLE PAVING AND LINING LAID TO
 DIRECT FLOWS TO COLLECTOR DRAIN.
 CELL PAVE HD OR SIMILAR APPROVED CELLULAR PAVING.

1:200@ A1
1:400@ A3

0 2 4 6 8 10 12 m

- * SECTIONS OF:
 - * SPECIFICATION FOR HIGHWAY WORKS
 - * DESIGN MANUAL FOR ROADS AND BRIDGES
 - * MANUAL FOR STREETS
 - * MERTHYR TYDFIL COUNTY BOROUGH COUNCIL GUIDANCE
 - * BUILDING REGULATIONS
 - * BRITISH STANDARDS
 - * NEW ROADS AND STREET WORKS ACT
 - * HEALTH AND SAFETY REGULATIONS
 - * GOOD PRACTICE

- ### DIMENSIONS
1. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVEL'S ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS.
 2. WSP IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
 3. WSP IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINE ETC.
 4. WSP IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 4. ALL FIGURED LEVELS ARE IN METRES AND RELATED TO EXISTING SURVEY GRID & DATUM UNLESS NOTED OTHERWISE
 5. ALL FIGURED DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

HEALTH AND SAFETY

- DRAINAGE NOTES

1. THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH DCG 2021 STANDARDS. THE CONTRACTOR SHALL ENSURE THAT AN UP TO DATE COPY OF SEWERS FOR ADOPTION 7TH EDITION TOGETHER WITH ALL ITS CURRENT DCWW ADDENDUM DOCUMENTS ARE AVAILABLE ON SITE FOR COMPLIANCE.
2. THE DEVELOPER MUST SELF-VERIFY AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED POTENTIALLY ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN DCG AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER DCWW AND CONFIRM THE SAME IN WRITING TO THE ADOPTION AUTHORITY.
3. ALL PRIVATE SWF DRAINS TO BE PLASTIC PIPEWORK LAID AT A MINIMUM FALL OF 1 IN 100, REFER TO SCHEDULE.
- 3.1. UNDERNEATH PRIVATE DRIVEWAYS, PARKING AREAS WITH RESTRICTIONS TO PUBLIC ACCESS BY VEHICLES IN EXCESS OF 7.5T AND PATHWAYS ADJACENT TO VEHICLE ACCESS:
- 3.1.1. COVER TO TOP OF PIPE > 0.9M – TYPE I (PLASTIC) TYPE S (CONCRETE)
- 3.1.2. COVER TO TOP OF PIPE < 0.9M – TYPE Z (CONCRETE SURROUND)
4. ALL SIDE CONNECTIONS IN MANHOLES/INSPECTION CHAMBERS TO BE MADE AT HALF PIPE LEVEL.



KEY

- | | |
|---|--|
|  | PROPOSED SITE BOUNDARY BASED ON LANDSCAPE ARCHITECT SKETCH |
|  | THIRD PARTY LAND TO BE ACQUIRED SUBJECT TO AGREEMENT WITH MTBCB |
|  | PROPOSED PERMEABLE PAVING (AREA = 789 m ²) |
|  | PROPOSED SURFACE WATER EASEMENT |
|  | PROPOSED SURFACE WATER MAN-HOLE |
|  | PROPOSED SURFACE WATER INSPECTION CHAMBER |
|  | PROPOSED ATTENUATION TANK |
|  | PROPOSED CARRIER PIPE |
|  | PROPOSED SURFACE WATER NETWORK (PIPE PASSING THROUGH CELL FROM S1 TO S2 COULD BE LARGER) SDS TO SPECIFY AT DETAILED DESIGN |
|  | PROPOSED SURFACE WATER FILTER DRAIN WITH CARRIER PIPE |
|  | PROPOSED BYPASS SEPARATOR |
|  | PROPOSED EVERGREEN HEDGE |
|  | HB2 KERB |
|  | DCWW 500mm POTABLE WATER MAIN |
|  | DCWW 12" POTABLE WATER MAIN |
|  | 180 P/E MEDIUM PRESSURE MAIN |
|  | WPD HV UNDERGROUND CABLE |
|  | UNKNOWN SERVICE (FROM SURVEY) |
|  | DATA CABLE (FROM SURVEY) |

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

P06	20/01/2025	MS	UPDATES TO PROPOSED DRAINAGE ROUTE	AW	AW
P05	09/12/2024	MS	UPDATES TO PROPOSED DRAINAGE ROUTE	AW	AW
P04	02/04/2024	JA	UPDATES TO NOTES AND KEY	ADW	AW
P03	22/01/2024	MS	UPDATES TO SITE BOUNDARY AND DRAINAGE PROPOSALS	ADW	AW
P02	28/05/2021	CL	AMENDMENT TO SITE BOUNDARY	-	AW
P01	19/05/2021	CL	FIRST ISSUE	WF	AW
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS

S2 - FOR INFORMATION



CLIENT:

MERTHYR MOTOR AUCTIONS LTD.

ARCHITECT:

HAIRE LANDSCAPE ARCHITECTS

SITE/PROJECT

MERTHYR MOTOR AUCTIONS

TITLE

SAB CONCEPT PLAN

SCALE @ A1: 1:250	CHECKED: ADW	APPROVED:	
PROJECT NO: 7066799	DESIGNED: MS	DRAWN: MS	DATE: APRIL 2024

DRAWING No:	REV:
6799-WSP-DR-C-500	P06

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