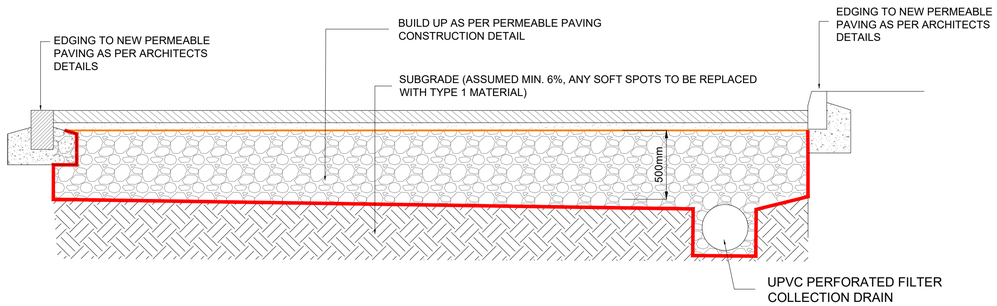
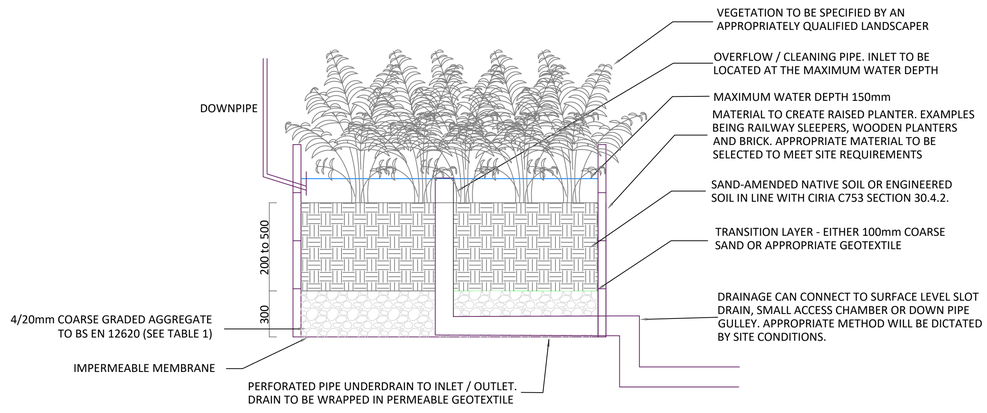


PERMEABLE PAVING CONSTRUCTION DETAIL
(SCALE 1:20)



TYPICAL PERMEABLE PAVEMENT LONGSECTION
SCALE 1:20



TYPICAL RAIN GARDEN PLANTER DETAIL
NTS

A1

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NOTES:

1. DO NOT SCALE FROM THIS DRAWING. USE ONLY WRITTEN DIMENSIONS
2. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESWI) UNLESS STATED OTHERWISE
3. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE:

PIPE DIAMETER (mm)	LENGTH (m)
DN150 - DN600	0.6

4. ALL DIMENSIONS ARE IN MILLIMETRES
5. PROPOSED MANHOLES ARE TO BE TO SEWERS FOR ADOPTION 7th EDITION AND THE DESIGN & CONSTRUCTION GUIDANCE.
6. DETAILS SHOWN FOR TYPE E PPIC CHAMBERS ARE TAKEN FROM WAVIN DETAILS. THESE CHAMBERS SHALL BE INSTALLED TO THE MANUFACTURERS SPECIFICATION. IF ALTERNATIVE CHAMBERS ARE PROPOSED THE DETAILS MAY VARY AND SHOULD BE SUBMITTED TO TO THE DESIGNER. ALL PART NUMBERS SHOWN RELATE TO WAVIN PRODUCTS.
7. ALL WORKS TO COMPLY WITH "SEWERS FOR ADOPTION-7th EDITION" AND THE DESIGN & CONSTRUCTION GUIDANCE.
8. A 30mm REDUCTION IN LEVEL HAS BEEN ALLOWED FOR IN THE CALCULATION OF INVERT LEVELS FOR ALL BRANCH CONNECTIONS TO PLASTIC INSPECTION CHAMBERS (AS PER WAVIN DETAILS). INVERT LEVELS REFER TO MAIN CHANNEL.IF ALTERNATIVE CHAMBERS ARE PROPOSED THIS VALUE MAY VARY AND THE DESIGNER SHOULD BE CONSULTED.
9. PIPEWORK TO BE VITRIFIED CLAY OR PLASTIC. VITRIFIED CLAY PIPES SHOULD COMPLY WITH REQUIREMENTS BS EN 295 FOR FOUL PIPES.
10. PLASTIC PIPEWORK IS TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION.
11. PLASTIC PIPEWORK IS TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION. ALL THERMOPLASTIC PIPEWORK SHALL COMPLY WITH THE REQUIREMENTS OF THE DESIGN & CONSTRUCTION GUIDANCE.
12. THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED DRAINAGE ARE IN ACCORDANCE WITH THOSE SET OUT IN THE DESIGN & CONSTRUCTION GUIDANCE, BUILDING REGULATIONS AND THE REQUIREMENT OF THE STATUTORY SEWERAGE UNDERTAKER.
13. PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
    - PROPOSED PIPEWORK WITH <1.2m DEPTH TO SOFFIT IN ROADS/SERVICE AREAS.
    - OR <0.9m DEPTH TO SOFFIT IN PEDESTRIAN AREAS & DOMESTIC DRIVEWAYS WITH 7.5T VEHICLE WEIGHT LIMIT.
    - OR <0.5m DEPTH TO SOFFIT IN PEDESTRIAN AREAS & DOMESTIC DRIVEWAYS WITH NO VEHICLE WEIGHT LIMIT.
    - OR <0.35m DEPTH TO SOFFIT IN LANDSCAPED AREAS REQUIRES CLASS Z BEDDING"

REV.	DATE	DESCRIPTION	DRN	CHD	APPD
R1	07/08/2026	FOR INFORMATION	TGD	CLS	AJF

DRG. STATUS
FOR INFORMATION

AJF ENGINEERING CONSULTANTS

CLIENT
WREXHAM COUNTY BOROUGH COUNCIL

PROJECT
WREXHAM SCOUTS & GUIDES, PRICE'S LANE, WREXHAM LL11 2NB

DRG. TITLE
DRAINAGE STANDARD DETAILS SHEET 4

DRG.NO.
26142-AJF-ZZ-ZZ-DR-C-505

REV
R1