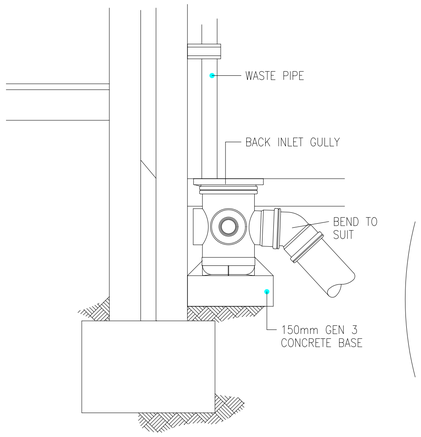
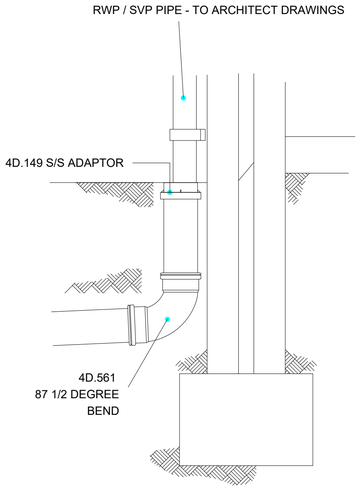
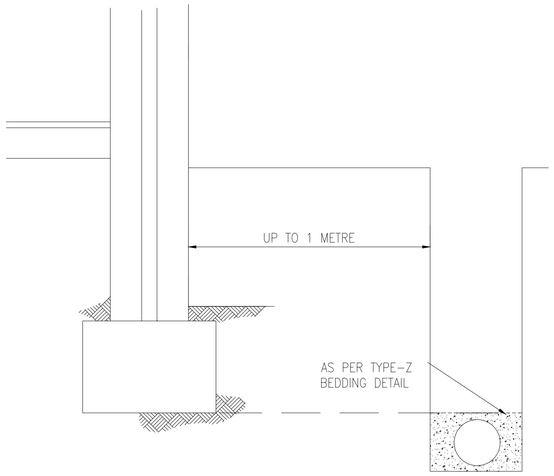
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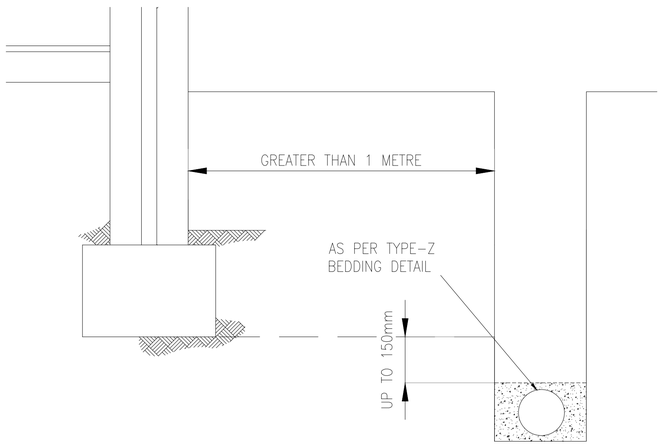
BACK INLET GULLY DETAIL
(NTS)



RWP / SVP DETAIL
(NTS)

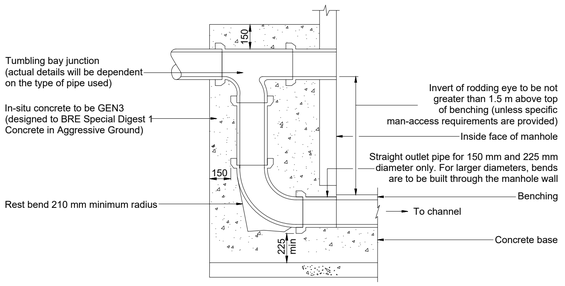


PIPEWORK LESS THAN A METRE FROM STRUCTURE
(NTS)

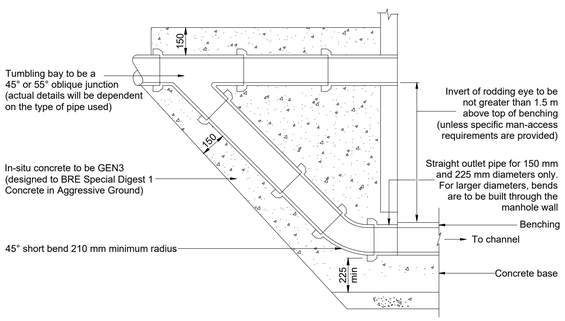


PIPEWORK MORE THAN A METRE FROM STRUCTURE
(NTS)

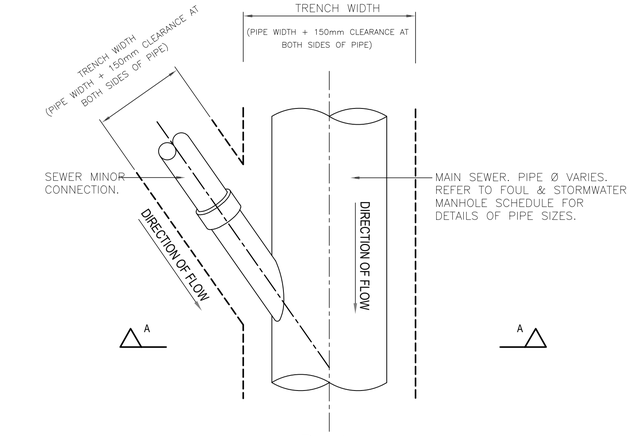
FIGURE B.15
TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL
Note: Steeper gradients are preferred to the use of backdrops.
Type of backdrop to be used to be agreed with Undertaker.



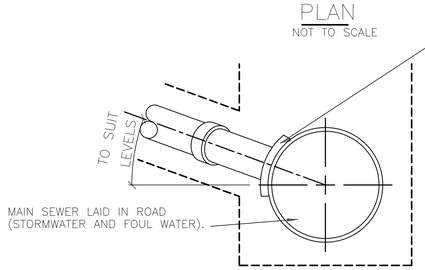
External Vertical Backdrop



External Ramped Backdrop



PLAN
NOT TO SCALE



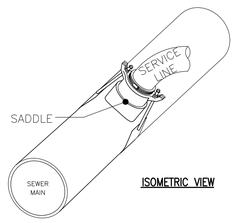
SECTION A-A

MINOR TO MAIN SEWER CONNECTIONS:

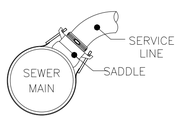
1. WHERE THE MAIN SEWER IS 600mm OR GREATER, THE SADDLE JUNCTION SHALL BE CONSTRUCTED USING CORE DRILLED EPOXY FABEKUN SADDLE JOINTS AND NOT THE TRADITIONAL METHOD OF CONSTRUCTING SADDLE JOINTS. THE JOINT SHALL BE INSTALLED IN ACCORDANCE TO THE MANUFACTURER'S INSTALLATION GUIDELINES.

2. WHERE THE MAIN SEWER IS LESS THAN 600mm DIAMETER, THE CONTRACTOR SHALL USE PREFABRICATED PIPES WITH THE SADDLE JOINT PROVIDED. THE CONNECTIONS SHALL BE 45° OBLIQUE JUNCTIONS LAID AND JOINTED TO THE MANUFACTURERS RECOMMENDATIONS. AT NO TIME SHALL THE CONTRACTOR CONSTRUCT A SADDLE CONNECTION USING THE TRADITIONAL METHOD UNLESS AGREED BY THE ENGINEER.

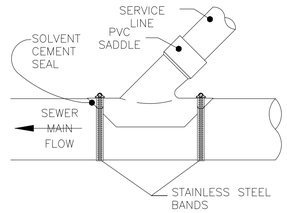
SEWER CONNECTION DETAIL FOR MINOR PIPES CONNECTING INTO MAIN SEWER
NOT TO SCALE



ISOMETRIC VIEW



DIP MAIN



PVC MAIN

NOTES:
1) PVC SOLVENT CEMENT SHALL BE USED FOR PVC SADDLES.
2) TRUSS SADDLES SHALL BE USED WITH TRUSS PIPE.
3) IN-LINE WYE FITTING TO BE PROVIDED WITH NEW CONSTRUCTION.

SADDLE CONNECTION
(NTS)

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	APP'D
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 2

DRG.NO. 26142-AJF-ZZ-ZZ-DR-C-503

REV R1

A1