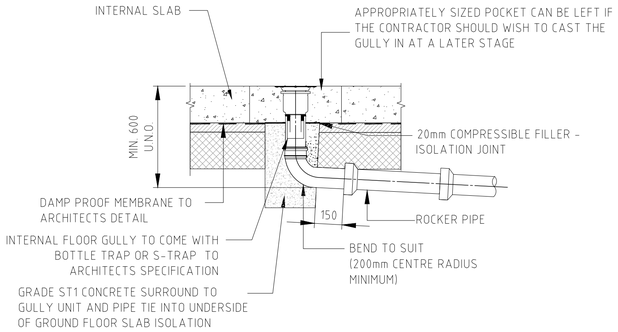
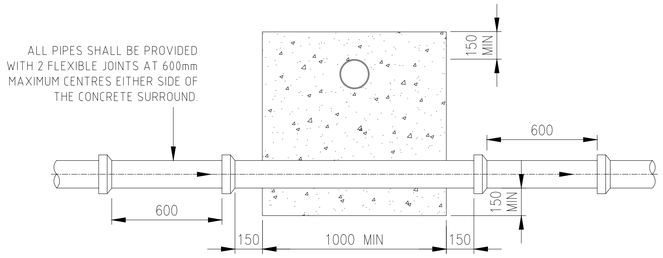
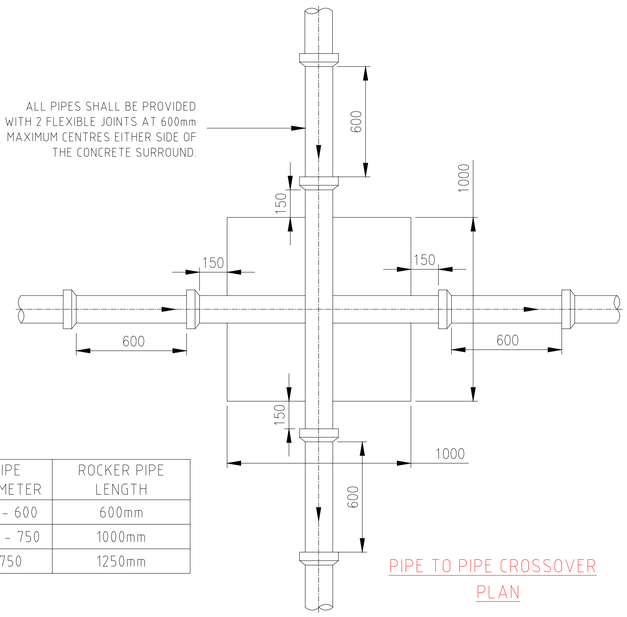



## INTERNAL FLOOR GULLY WITH TRAPPED BODY
(NTS)



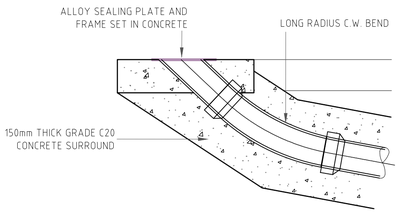

CONCRETE SURROUND SHALL BE PROVIDED WHERE THE DISTANCE BETWEEN THE SOFFIT OF THE LOWER DRAIN AND THE BARREL OF THE HIGHEST DRAIN IS LESS THAN 300mm.

## PIPE TO PIPE CROSSOVER SECTION

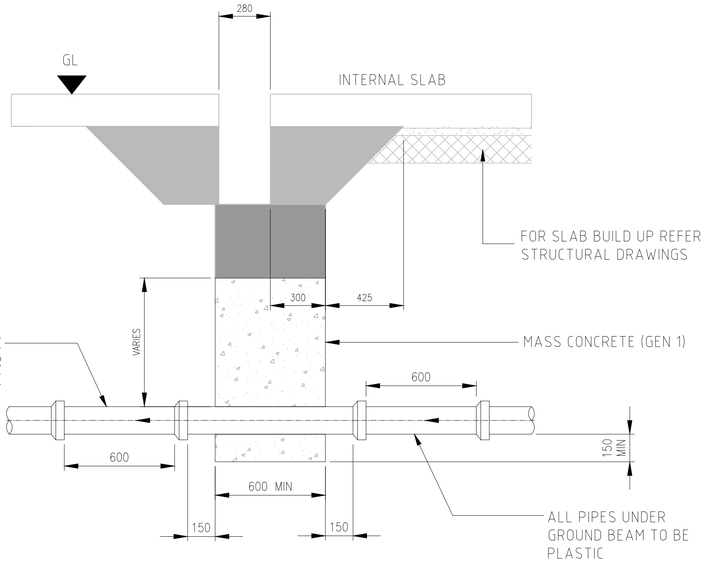



| PIPE DIAMETER | ROCKER PIPE LENGTH |
|---|---|
| 100 - 600 | 600mm |
| 675 - 750 | 1000mm |
| >750 | 1250mm |

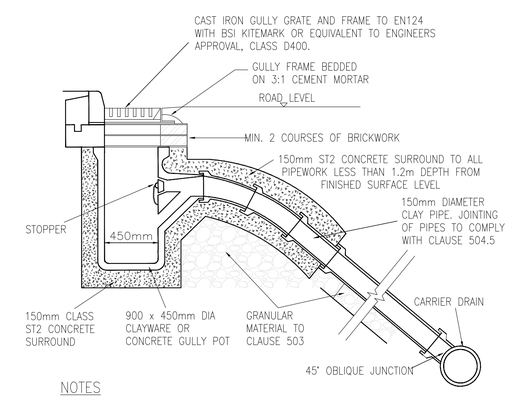
## PIPE TO PIPE CROSSOVER PLAN




## RODDING EYE DETAIL
NOT TO SCALE

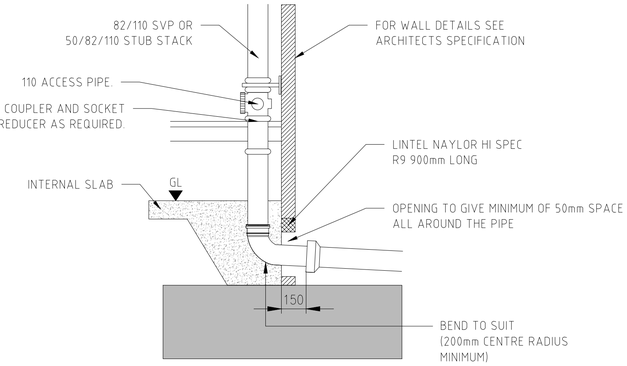



## DRAINS PASSING UNDER GROUND BEAMS WITH MASS CONCRETE INFILL TYPICAL SECTION



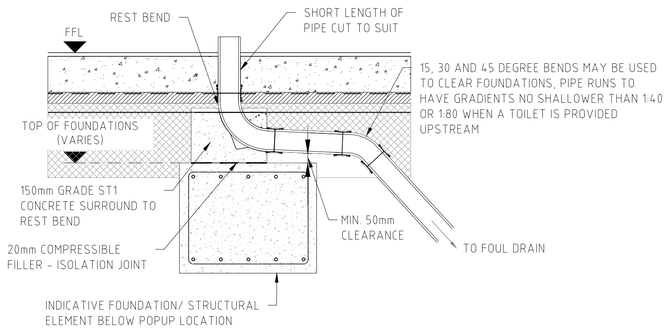

NOTES
1. STANDARD GULLY POT TO BE OF 90 LITRES CAPACITY (450mm DIAMETER).
2. MAXIMUM TRENCH WIDTH FOR 150mm GULLY LEAD IS 600mm.
3. CLAUSE NUMBERS REFER TO SPECIFICATION FOR HIGHWAY WORKS, AMENDED AS APPROPRIATE.
4. NUMBER OF BENDS MAY VARY DUE TO SITE DIFFERENCES.
5. CONCRETE TO COMPLY WITH CLAUSE 2602 TABLE 26/1.
6. CONCRETE SURROUND TO PIPES SHALL ALWAYS FINISH AT A JOINT.

## TYPICAL GULLY DETAIL
(NTS)

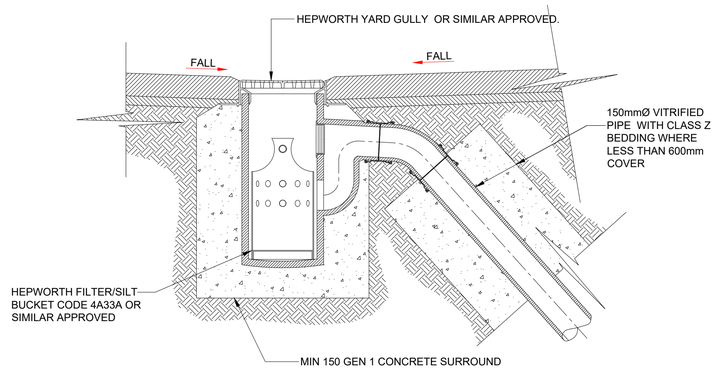



| LINTEL SCHEDULE | | | | |
|---|---|---|---|---|
| REF | TYPE OF LINTEL (mm) | NOMINAL HEIGHT (mm) | LINTEL LENGTH (mm) | NUMBER OF LINTELS |
| L1 | NAYLOR HI SPEC R9 | 215 | 900 | 8 |

## SOIL AND VENT PIPE CONNECTION AND STUB STACK CONNECTION
(NTS)




## TYPICAL FOUL POPUP DETAIL ABOVE FOUNDATION




## TYPICAL YARD GULLY DETAIL
(NTS)

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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 | GLS | 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 3

DRG.NO. 26142-AJF-ZZ-ZZ-DR-C-504

REV R1

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