

DO NOT SCALE

- Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
- Any discrepancies noted on site are to be reported to the engineer immediately.
- This drawing is to be read in conjunction with the latest drainage layout drawing.
- Unless noted otherwise, all clauses relate to Sewer Sector Guidance Notes or Building Regulations Part H.
- To be read in conjunction with Roscoe drawings 'FE0012-ROS-XX-XX-R-C-0100' and 'FE0012-ROS-XX-XX-D-C-0500'.

THE FITTINGS DETAILS SHOWN ARE INDICATIVE ONLY AND MAY NEED TO BE AMENDED TO SUIT THE ARCHITECT'S SPECIFIC PRODUCT REQUIREMENTS OR THE CONTRACTORS CHOSEN SUPPLIER.

CONSTRUCTION DETAILS SHOWN ARE FOR INFORMATION ONLY. ALL PROPRIETARY PRODUCTS MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE PRODUCT SPECIFIC REQUIREMENTS.

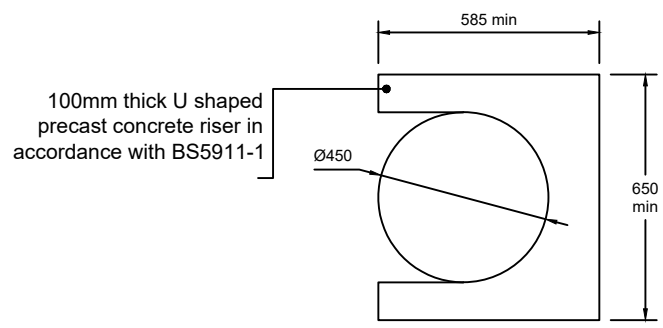
Stanton D400 gully and frame or equivalent approved in accordance with BS EN 124. Gully frame to be bedded on 10-20mm mortar designation (i) in accordance with SHW Clause 2404. Gully grating should be hinged and should close in the direction of the flow of traffic.

5-10mm Recess required between gully cover and roadway level

4no. Courses Class B Engineering brickwork in English bond in accordance with SHW Clause 2406.3. This can be substituted by a U shaped precast concrete riser to the detail shown above. Mortar designation (i) in accordance with SHW Clause 2404

NOTES

- GULLIES TO BE CONSTRUCTED IN ACCORDANCE WITH SHW CLAUSE 508
- EXCAVATIONS AROUND GULLIES TO BE BACKFILLED WITH TYPE 1 SUB-BASE MATERIAL IN ACCORDANCE WITH SHW CLAUSE 803. WHERE MECHANICAL COMPACTION IS IMPRACTICAL, THE EXCAVATION IS TO BE BACKFILLED WITH GRADE ST2 CONCRETE
- DESIRABLE MINIMUM GRADIENT OF OUTLET TO BE 1:10



For details of kerb and haunch see separate kerb details

Kerb bed extended to top of gully surround

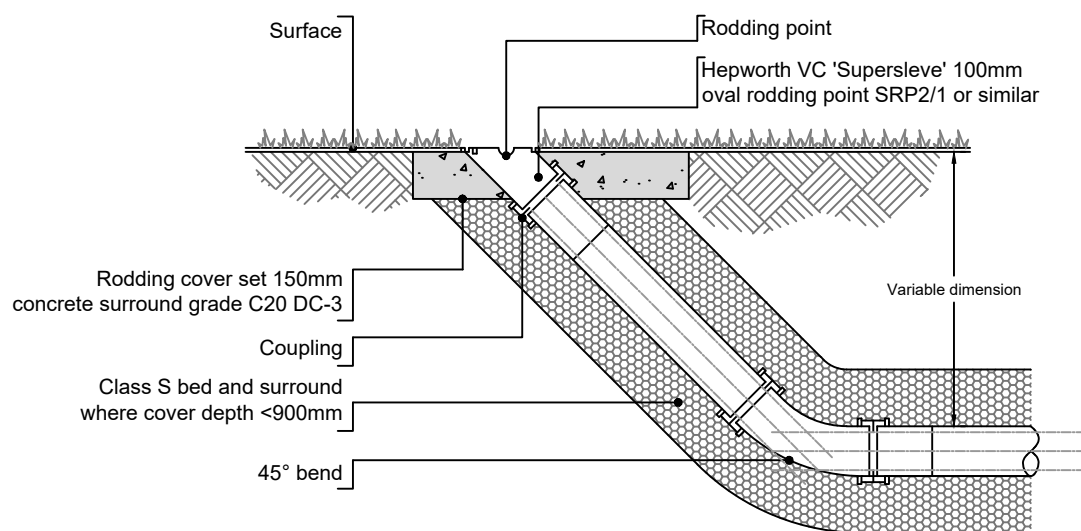
ST4 concrete surround in accordance with SHW Clause 2602

Polypipe Rigidgully HDPE trapped road gully or equivalent approved with BBA Certification

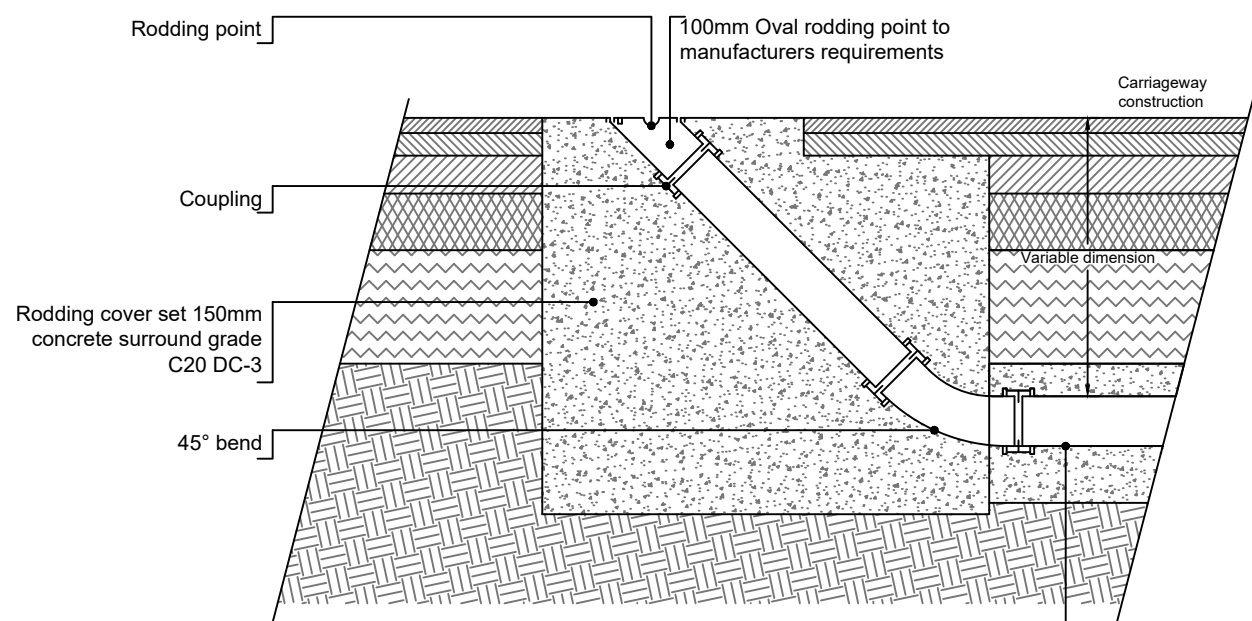
HDPE ROAD GULLY [OUTLET UNDER CARRIAGEWAY] (NOT TO SCALE)

150mmØ gully outlet pipe in accordance with SHW Clause 508.7

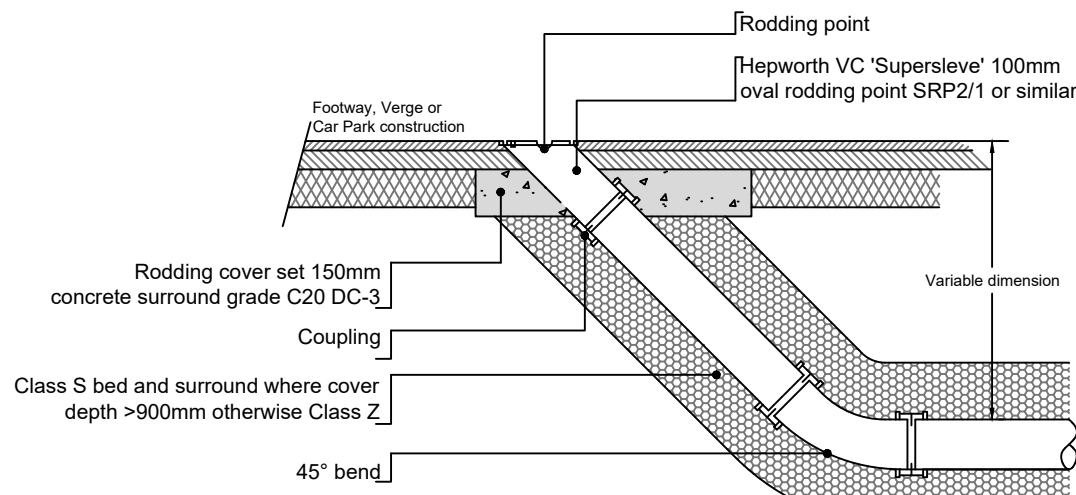
Type Z bed and surround to pipe until adequate cover is achieved to change the bed & surround class in accordance with the bed & surround details



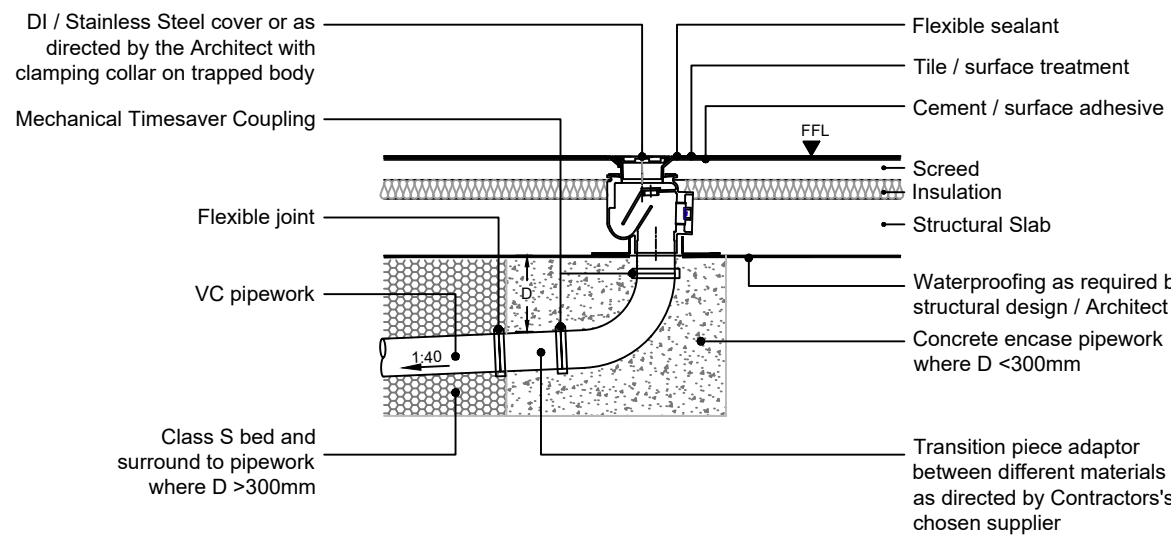
Rodding eye in soft landscaping (Scale 1:20)



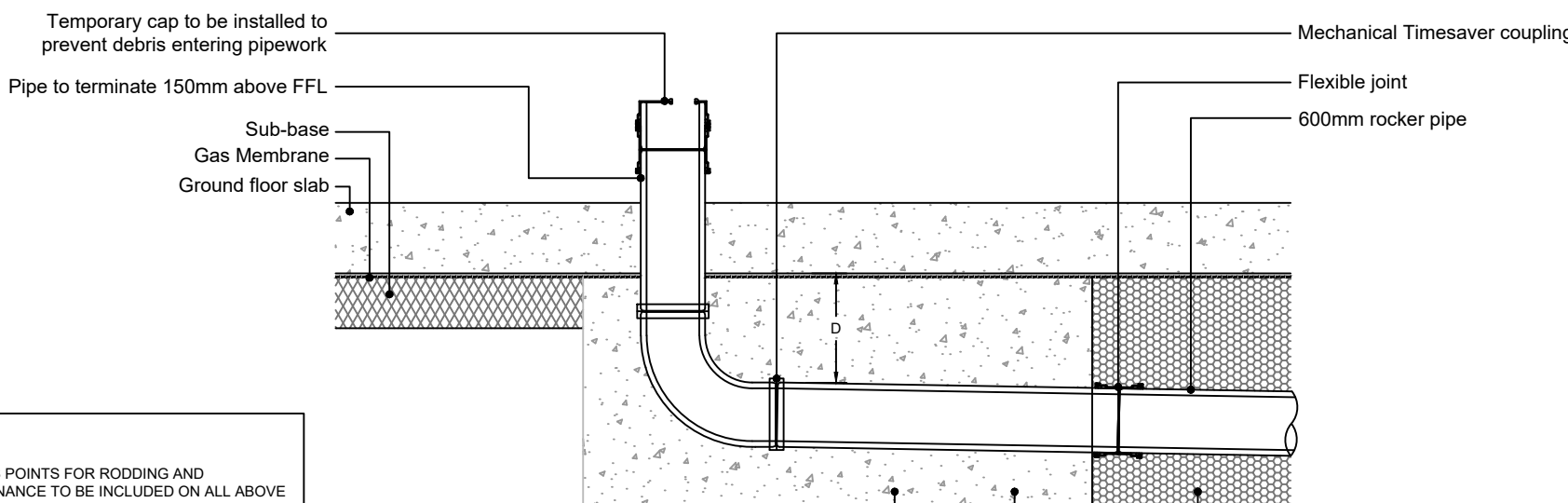
Rodding eye in carriageway/hard landscape Scale 1:20



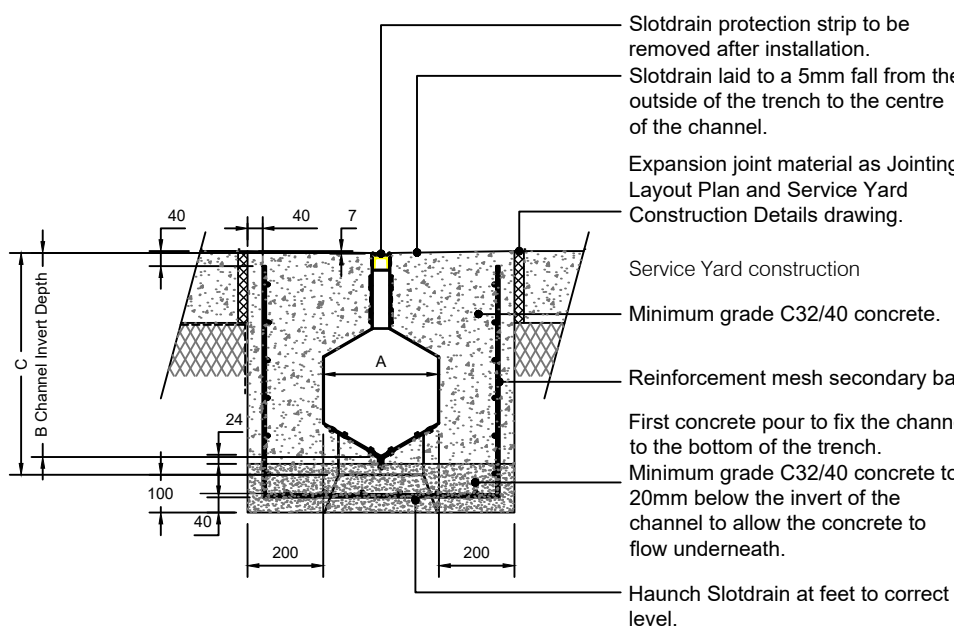
Rodding eye in foot path (Scale 1:20)



TRAPPED INTERNAL FLOOR GULLY [TRADITIONAL CONSTRUCTION] (NOT TO SCALE)

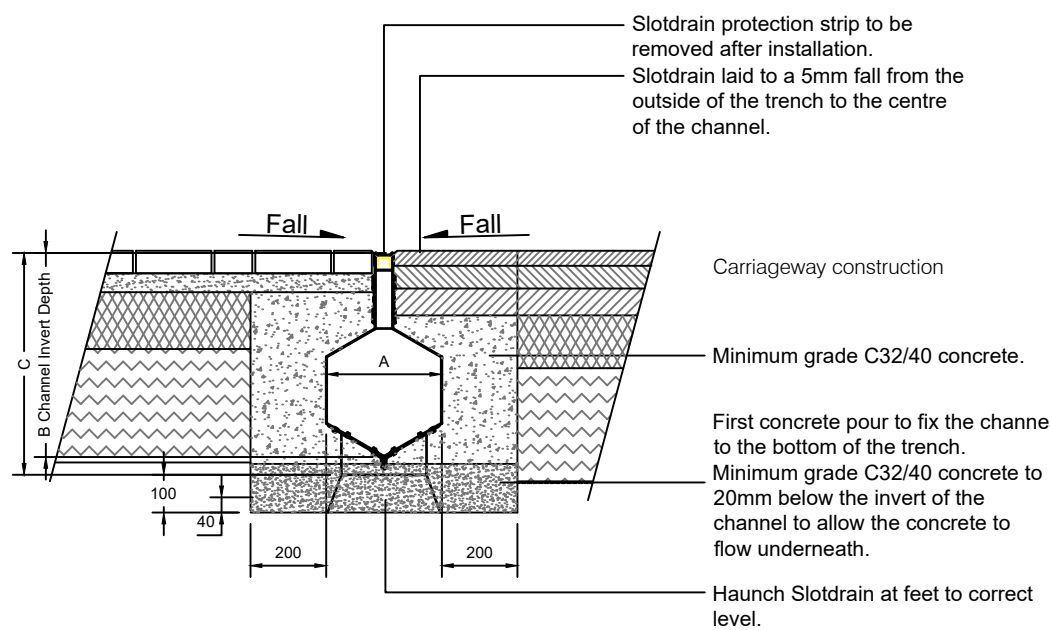


Typical Internal Drainage Pop-Up (Scale 1:20)



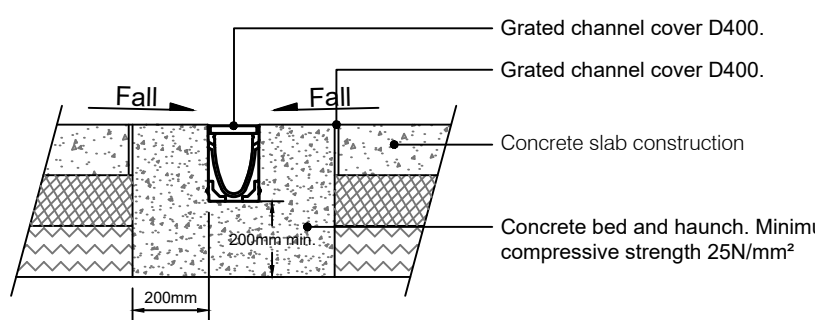
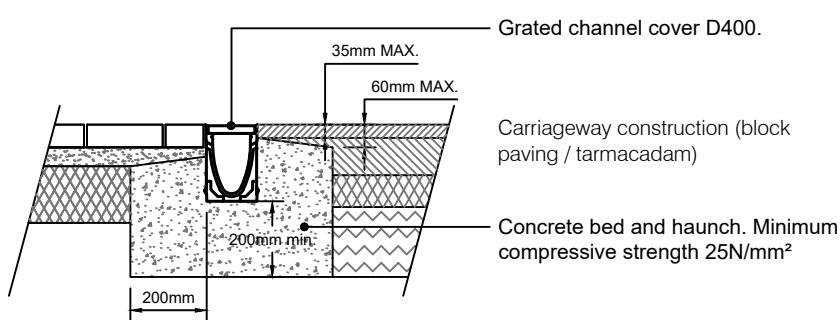
GATIC CAST SLOT DRAIN IN SERVICE YARD (NOT TO SCALE)

| WIDTH 'A' | INVERT 'B' | DEPTH 'C' |
|-----------|------------|-----------|
| 100       | 308        | 357       |
| 150       | 366        | 415       |
| 225       | 452        | 501       |
| 300       | 538        | 587       |
| 350       | 596        | 645       |
| 400       | 652        | 712       |
| 500       | 768        | 828       |
| 600       | 1031       | 1091      |

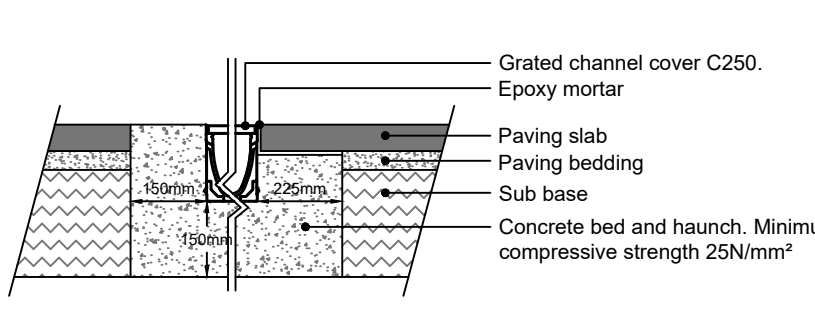


GATIC PAVE SLOT DRAIN (NOT TO SCALE)

| WIDTH 'A' | INVERT 'B' | DEPTH 'C' |
|-----------|------------|-----------|
| 100       | 308        | 357       |
| 150       | 366        | 415       |
| 225       | 452        | 501       |
| 300       | 538        | 587       |
| 350       | 596        | 645       |
| 400       | 652        | 712       |
| 500       | 768        | 828       |
| 600       | 1031       | 1091      |



GRATED CHANNEL DRAIN (NOT TO SCALE)



TYPICAL INTERNAL DRAINAGE POP-UP SHOWN AT COLUMN LOCATION

| REV | DATE     | BY | DESCRIPTION                     | CHK | APP |
|-----|----------|----|---------------------------------|-----|-----|
| P04 | 02.05.25 | AY | STAGE 4 SS ISSUE FOR APPROVAL   | JT  | JC  |
| P03 | 16.04.25 | KT | STAGE 4 DRAFT ISSUE             | JT  | JC  |
| P02 | 13.12.24 | KT | UPDATED TO SUIT CLIENT COMMENTS | JT  | JC  |
| P01 | 29.11.24 | KT | STAGE 3 ISSUE                   | JT  | JC  |

DRAWING STATUS: S5: SUITABLE FOR REVIEW AND ACCEPTANCE



CLIENT: WILLMOTT DIXON

ARCHITECT: SHEPPARD ROBSON

PROJECT: HOPWOOD HALL COLLEGE ROCHDALE

TITLE: DRAINAGE STANDARD DETAILS SHEET 3

|                 |                           |           |          |           |     |
|-----------------|---------------------------|-----------|----------|-----------|-----|
| SCALE @ A1:     | N.T.S                     | CHECKED:  | JT       | APPROVED: | JC  |
| PROJECT NUMBER: | 24365                     | DESIGNED: | AY       | DRAWN:    | KT  |
| DRAWING No:     | FE0012-ROS-XX-XX-D-C-0562 | DATE:     | NOV 2024 | REV:      | P04 |