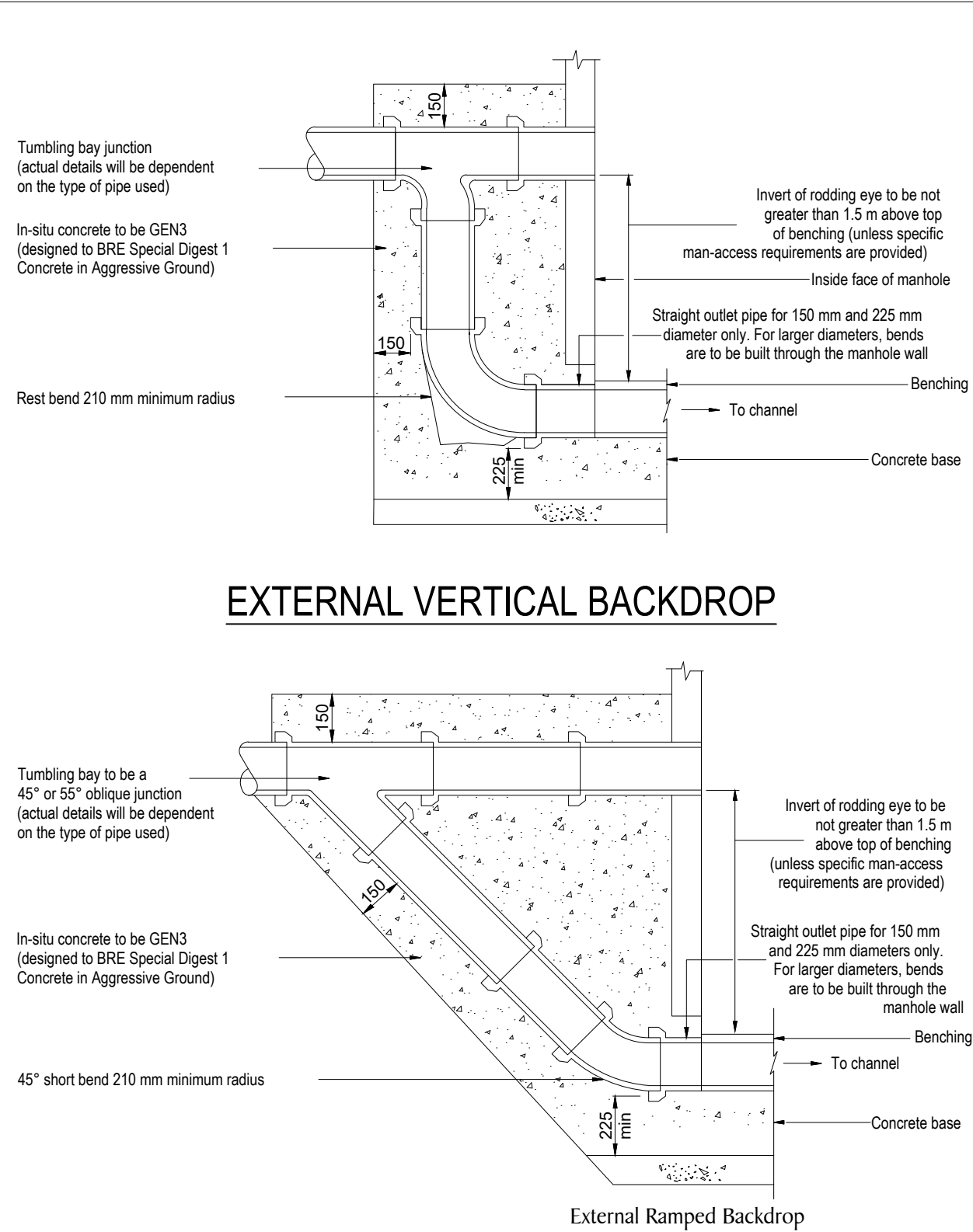




The technical drawing consists of two parts: a plan view and a section view.

Plan View (Top): Shows a side view of the saddle connection. A vertical pipe has a horizontal saddle pipe attached to its side. The saddle pipe is angled at 55° relative to the vertical pipe's centerline. A dimension of 134 is shown for the width of the saddle pipe. Section lines A-A are indicated with triangles.

Section View (Bottom): Shows a cross-section of the saddle connection. The vertical pipe has an outer diameter of 150. The saddle pipe has an outer diameter of 130. The saddle is embedded in a concrete surround, labeled "GEN 3 concrete surround". The concrete surround has a thickness of 130 on the side and 150 at the bottom. The saddle pipe is shown at an angle, with a dimension of 130 for its width. A note specifies: "Pipe laid to specified falls. Incoming angle max 60° , min 0° ".

- ### Sited in domestic driveways or footways
-
- Mortar bedding and haunching to cover and frame to Clause E6.7
- 150 mm deep concrete collar
- Temporarily cast shaft during construction
- Flexible seal
- Compacted granular bed (type 20/15 or single size stone max 20 mm)
- Cover complying with E2.32
- If distance from cover level to soffit of pipes is <1m, access opening shall be restricted to 350 mm diameter or 300 mm x 300 mm
- Minimum internal dimensions 450 mm diameter or 450 mm x 450 mm
- ### Sited in domestic gardens
-
- Mortar bedding and haunching to cover and frame to Clause E6.7
- Temporarily cast shaft during construction
- Flexible seal
- Granular bed or GEN3 complying with E4.1 and BRE Special Digest 1
- Cover complying with E2.32
- Topsoil
- If distance from cover level to soffit of pipes is <1m, access opening shall be restricted to 350 mm diameter or 300 mm x 300 mm
- Minimum internal dimensions 450 mm diameter or 450 mm x 450 mm
- Note: Where the access chamber is in the highway (including any footway), the highway Authority can have specific requirements
- Not to scale

Flexible material construction alternative top details for use in areas of light vehicle loading or landscaped areas

FIGURE B 22 TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS

FIGURE B 42 - TYPE E - TYPICAL INSPECTION CHAMBER DETAIL

For 450 diameter chambers in :-depth from cover level to soffit of pipe up to 2m flexible material construction

DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES:

1. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general Contractor.
2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specifications.
3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

CDM 15 RESIDUAL RISKS

1. All areas of road traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
2. Access points onto live public highway.
3. Unauthorised access to the site must be prevented at all times
4. Existing road drainage to be maintained.
5. Be aware of possible live drainage flows and foul effluent during construction.

The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

Revision History					
Rev	Comment	By	Chkd	Appr	Date
P01	PRELIMINARY ISSUE	SK	SK	SB	23/09/2024
Current Revision					
P02	ISSUED FOR APPROVAL	SK	PR	SB	06/11/2024

FOR APPROVAL

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Project
WATERLOOVILLE - BEREWOOD
PHASE 8a

Drawing Title

PROPOSED DRAINAGE DETAILS
SHEET 2

RWCL Internal Register reference: 4166-002 Scales @ A

5022-P02