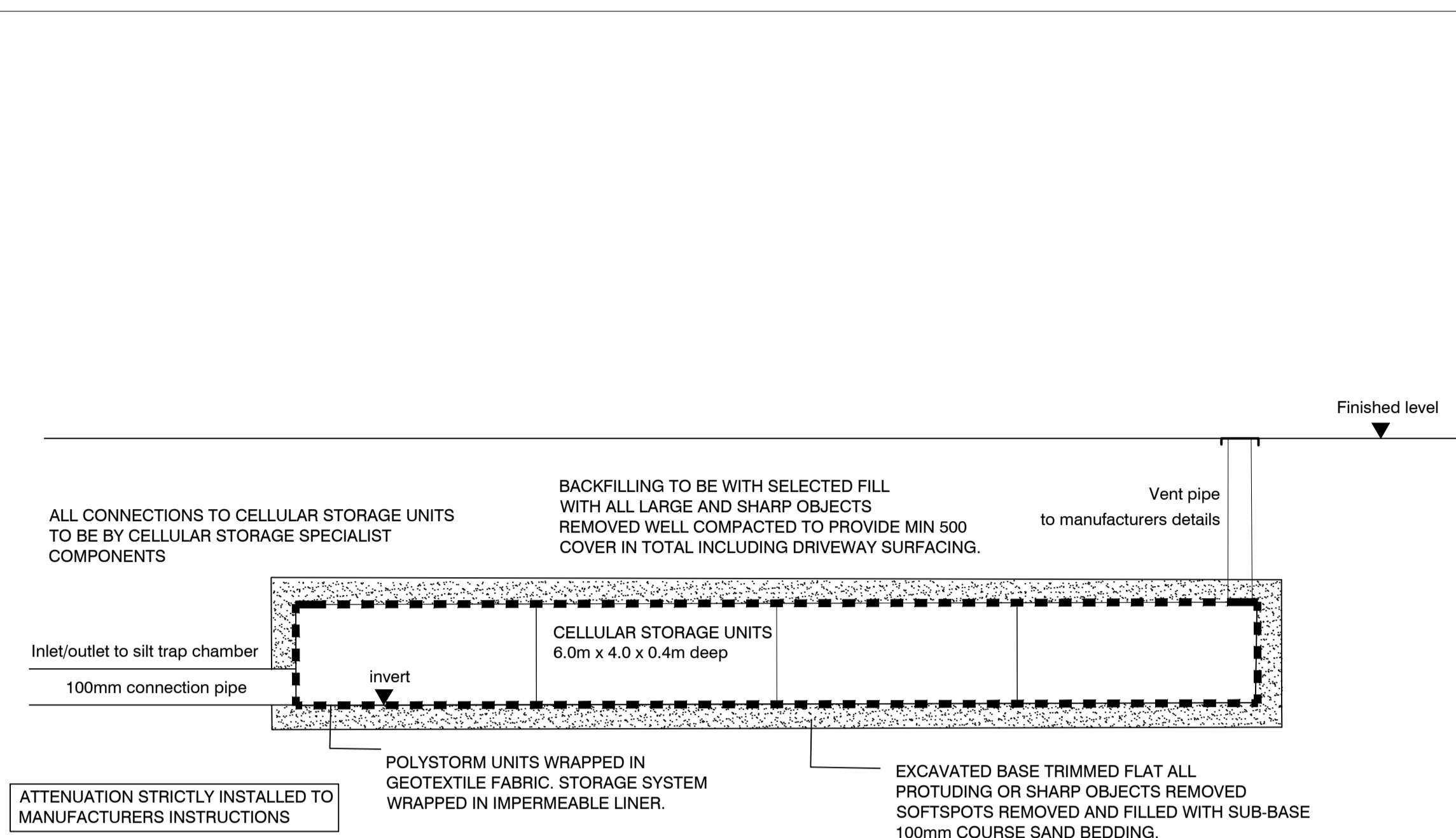


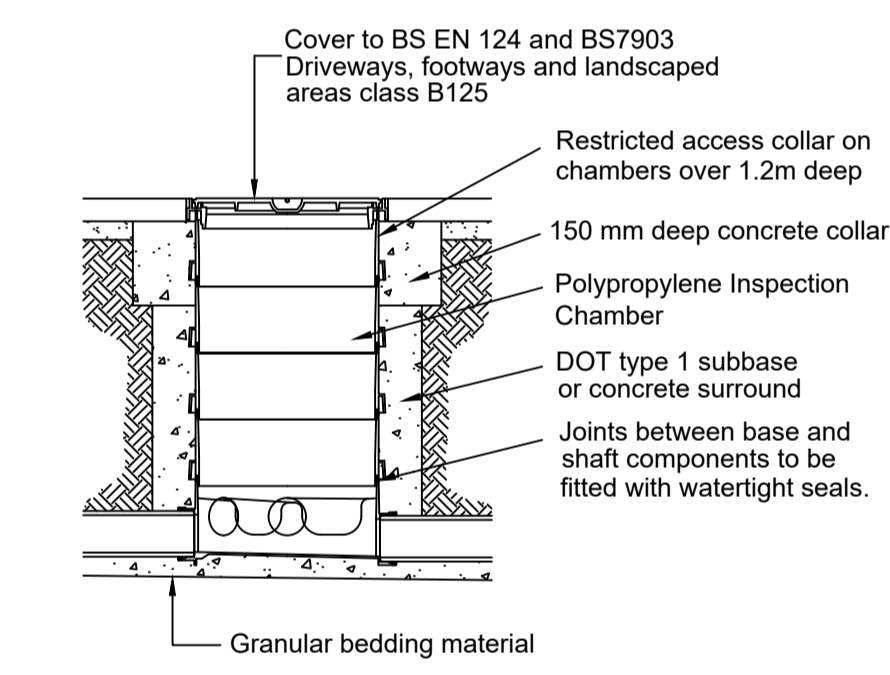
KEY

- Surface water drain and chamber.
- Surface water drain with rodding eye.
- Foul water drain and chamber.
- Surface water linear drainage channel.

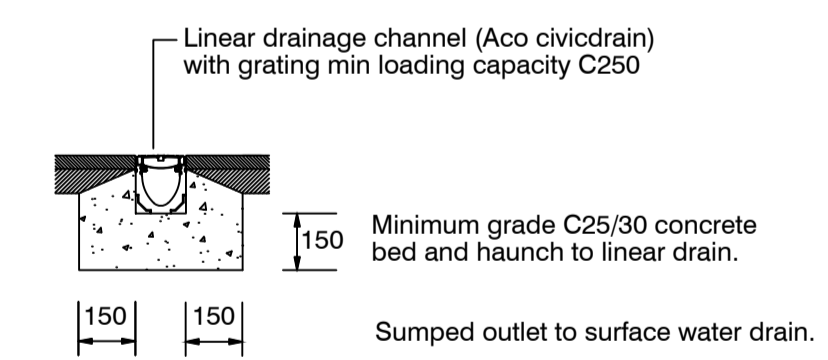
All plot drainage to be 100mm/110mm dia unless shown.



TYPICAL CELLULAR STORAGE DETAIL - LONG SECTION



TYPICAL CHAMBER (PPIC)



TYPICAL LINEAR DRAIN DETAIL

DETAILS - Scale 1:20

- NOTES**
1. The treatment plant should be capable of serving a population of 7. (As per Loads and Flows).
 2. The treatment plant should be sited at least 7m from habitable dwellings and within 30m of tanker access for maintenance.
 3. The treatment plant will require regular maintenance, and de-sludging as per the manufacturers requirements. The pumping station should be maintained as per the manufacturers recommendations.
 4. The cover levels and the invert levels of the treatment plant and the pumping station MUST be confirmed with the manufacturer/supplier in conjunction with proposed site levels.
 5. Rising main size to be confirmed by pumping station supplier.
 6. Gravity drains to all be 100mm diameter and laid to the requirements of the Building Regulations.
 7. Foul outlet locations to be confirmed by the Architect.
 8. City of York Council approval required for foul and surface water drainage systems.
 9. The Internal Drainage Board consent is required for the discharge to the surface water culvert.
 10. The following safety hazards remain after design and should be considered during construction
 - The proposed drainage is at depth.
 - The treatment plant and pumping station will be at installed at depth and specialist installer required.
 - Utilities are likely to exist in the:- footway/verge/road/on site.

A First issue. 19/09/23

REV DETAILS DATE

SCALE = 1:200 & 1:20 @ A1



CHARTERED CIVIL ENGINEER

HM Design
10 The Green
York
YO26 5LR

07919 031289

Client
JOHN HALLEY

Drawing Title
DRAINAGE DESIGN

Site Address
**HILL FARM
ELVINGTON LANE
GRIMSTON
YORK
YO19 5LD**

Drawn HM	Checked HM		
Drg.No. YH986/1A		Date 19/09/2023	