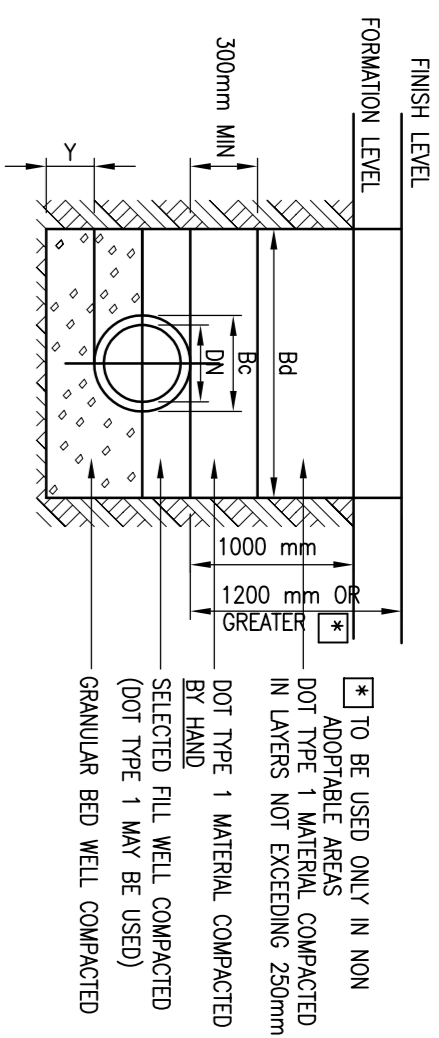


### DRAIN BEDDING DETAIL

DIMENSION Y = IN ROCK, CONCRETE OR MIXED SOILS CONTAINING ROCK BANDS, Boulders, Large Flints or Stones or Other Irregular Hard Spots that Result in Uneven Trench Bottom Y=1/4 Bc or 200 mm which ever is the Greater, but NOT LESS than 50mm UNDER COLLARS IN SOILS THAT PERMIT AN EVEN TRENCH BOTTOM TO BE EXCAVATED Y=1/6 Bc or 150 mm which ever is Greater, BUT NOT LESS than 50 mm UNDER COLLARS

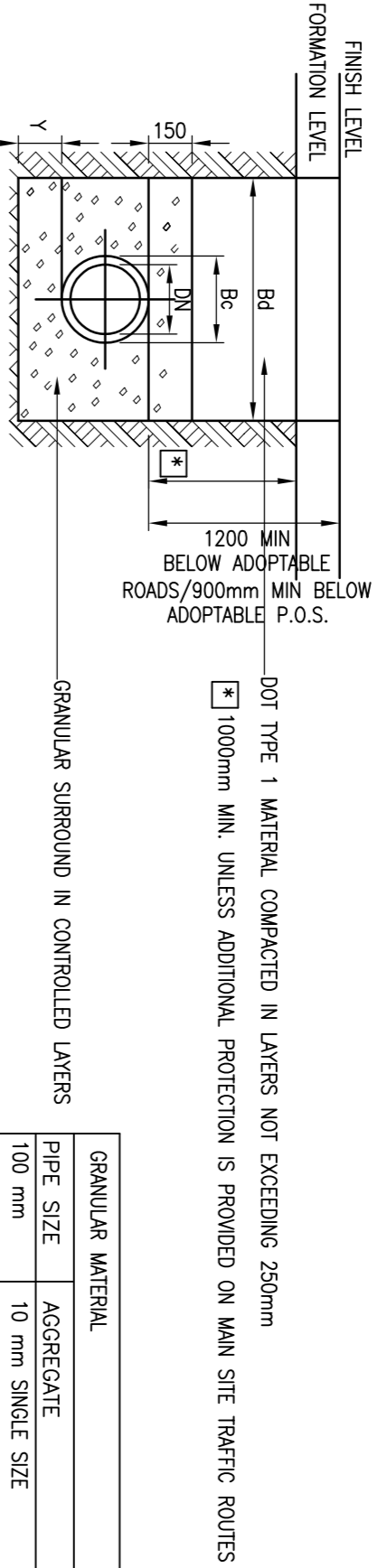
#### NOTES

- 1) FOR PIPES EXCEEDING 600 mm DIA REFER TO ENGINEER
- 2) IN WET OR SOFT GROUND SEEK GUIDANCE FROM ENGINEER
- 3) THE BEDDINGS MAY BE MODIFIED FOR CERTAIN SUB-SOIL CONDITIONS AT THE ENGINEERS DISCRETION
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL PROTECTION IN AREAS SUBJECT TO LOADS FROM SITE TRAFFIC. THE CONTRACTOR SHALL IDENTIFY THESE ZONES AND RESTRICT TRAFFIC THEREIN
- 5) SEE ALSO ENV22
- 6) FOR GREATER TRENCH WIDTHS SEEK GUIDANCE FROM ENGINEER



NOMINAL INTERNAL DIA. DN (mm)	ASSUMED EXTERNAL DIA. Bc (mm)	ASSUMED MAX. TRENCH WIDTH Bt (mm)	ASSUMED MIN. DIMENSION SOILS 'Y' FOR UNDERMINING (mm)
100	130	600	100
150	190	600	100
225	280	700	100
300	388	800	125
375	500	1100	125
450	500	1200	125
525	670	1200	125
600	770	1400	125

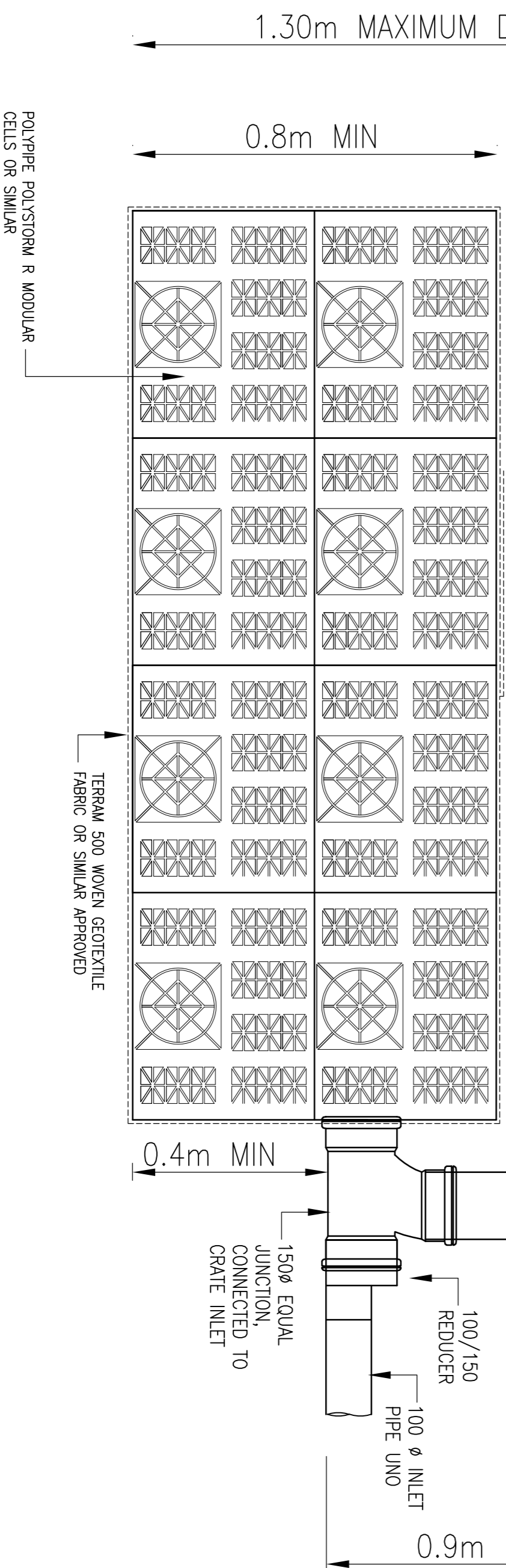
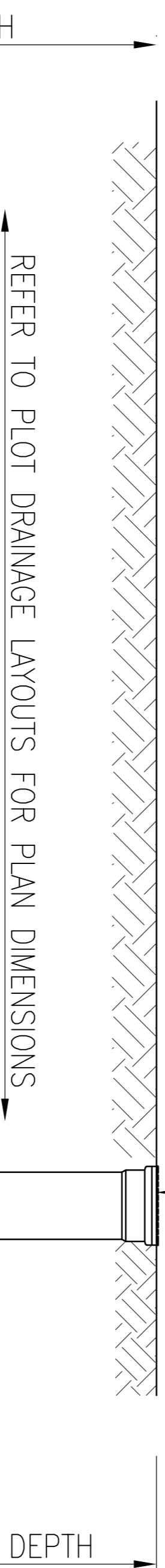
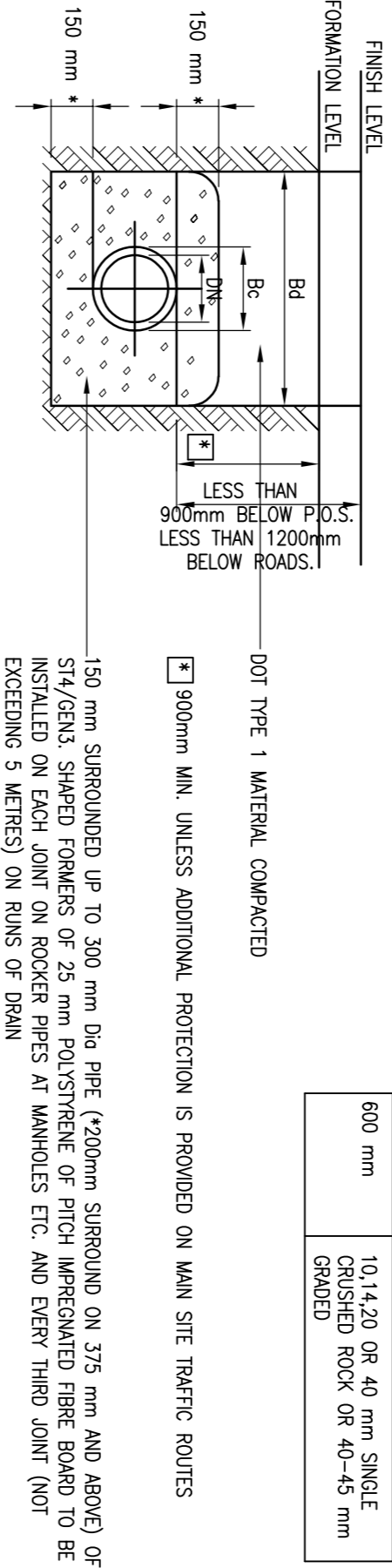
### CLASS B GRANULAR BED



### CLASS S GRANULAR SURROUND

PIPE SIZE	AGGREGATE
100 mm	10 mm SINGLE SIZE
150 mm	10 mm SINGLE SIZE OR 14-15 mm GRADED
150 mm - 500 mm	10,14,20 SINGLE SIZE OR 20-25 mm GRADED
600 mm	10,14,20 OR 40 mm SINGLE CRUSHED ROCK OR 40-45 mm GRADED

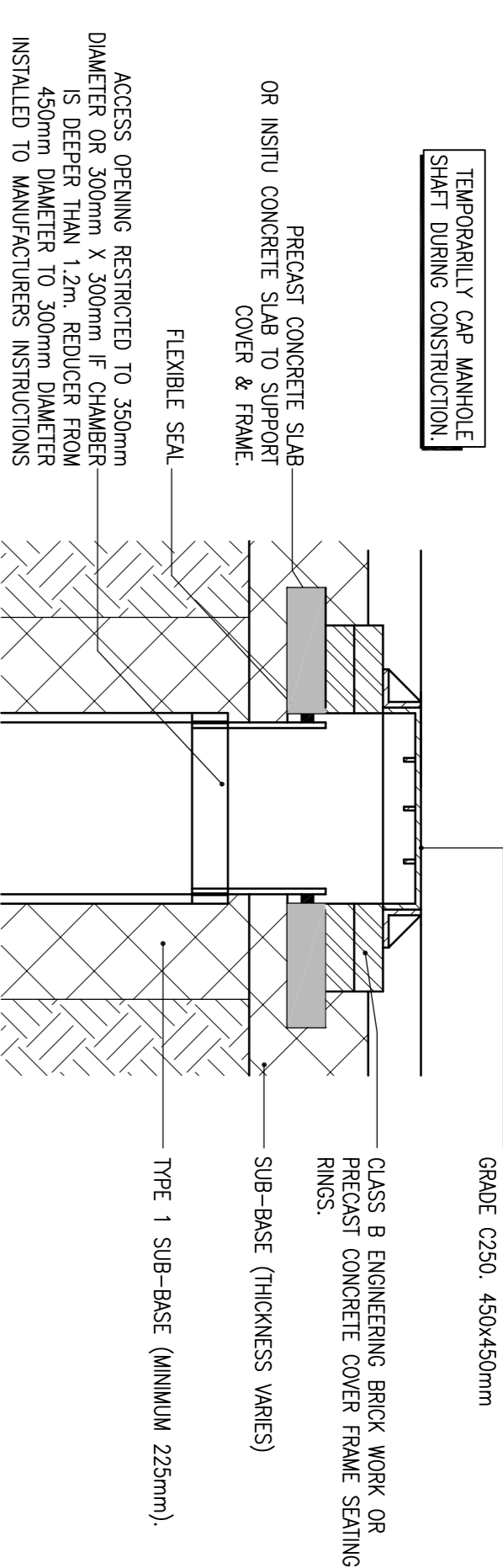
### CLASS Z CONCRETE BED & SURROUND (C.B.S.)



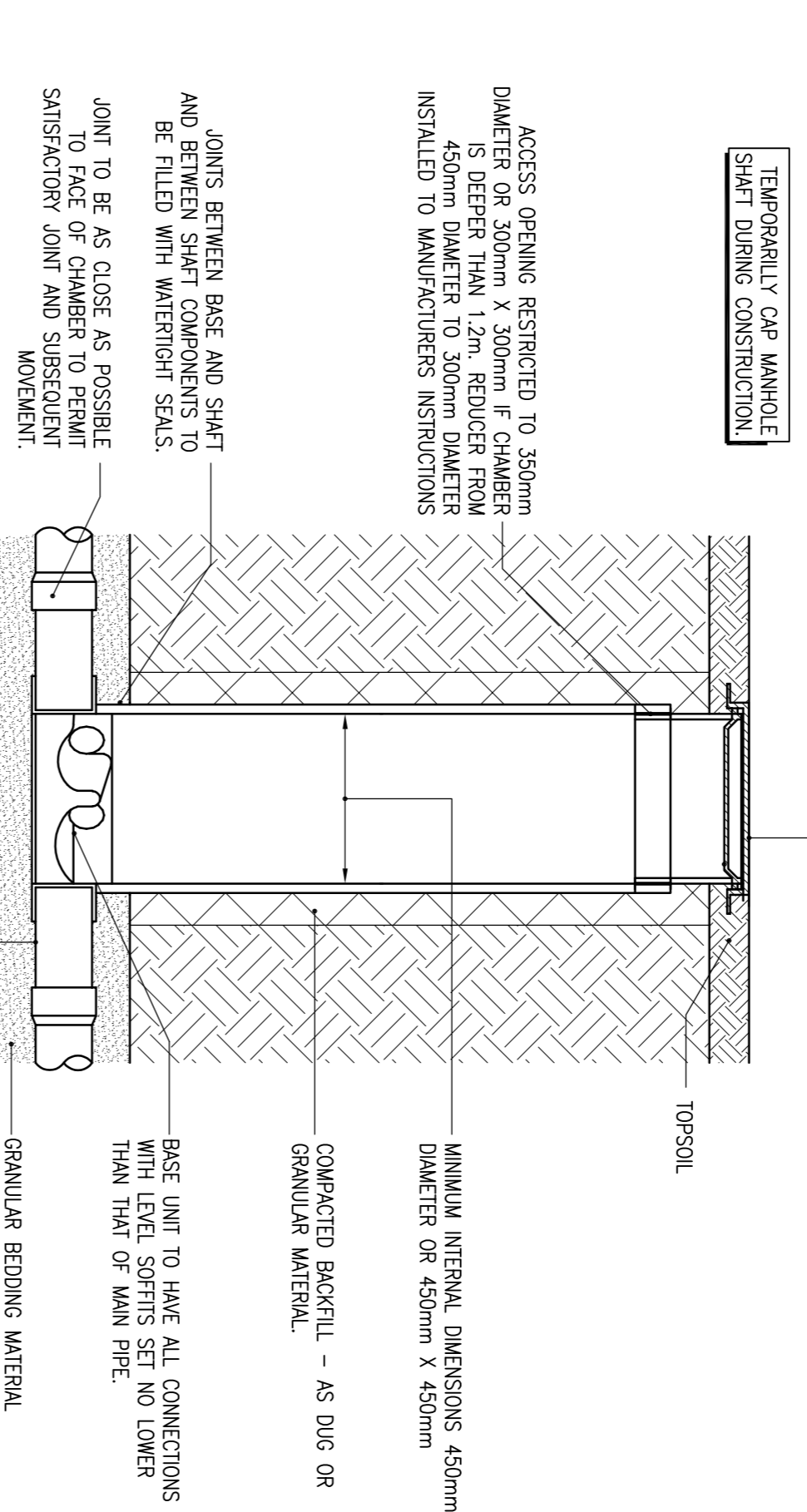
### CELLULAR PIT SOAKAWAY DETAIL

SCALE = 1:20

### SITED IN DOMESTIC DRIVEWAYS/PAVED AREAS



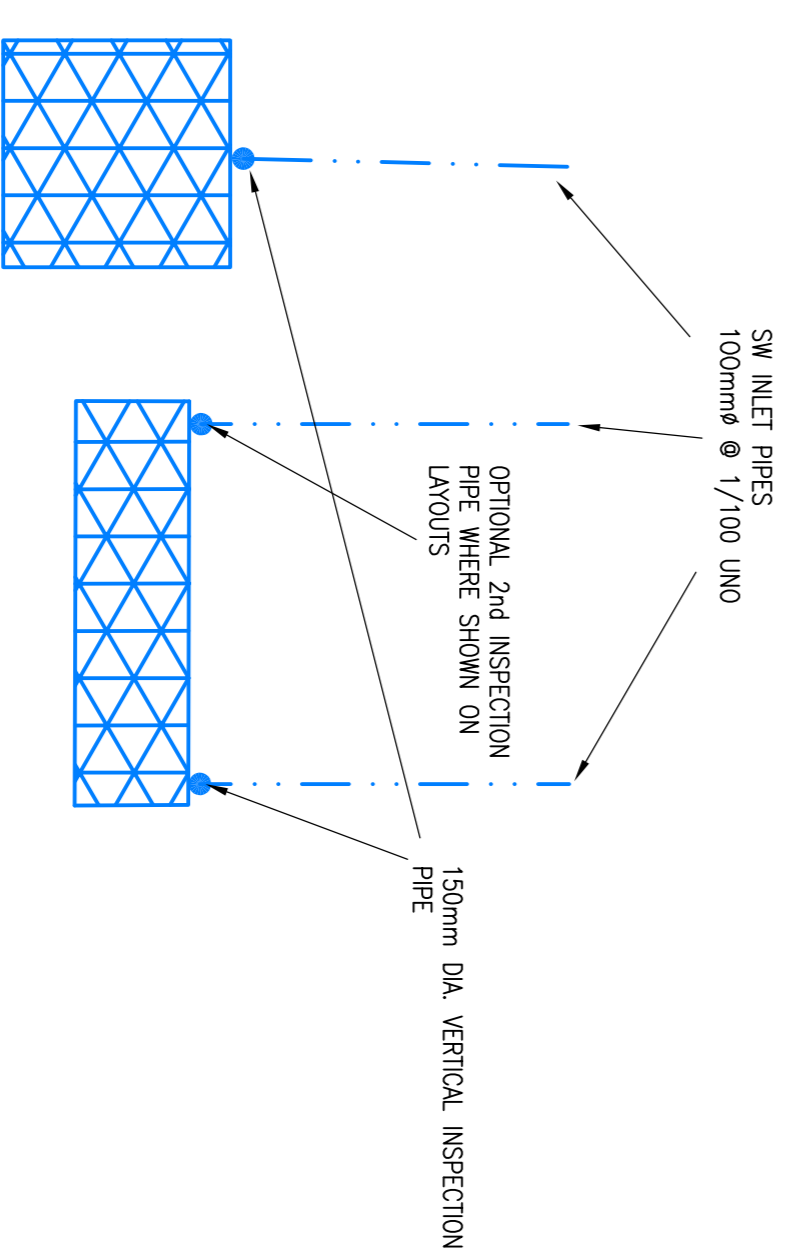
### SITED IN SOFT LANDSCAPED AREAS



### PLASTIC INSPECTION CHAMBER

SCALE 1:20

- NOTE:
1. ANY INSPECTION CHAMBER WITH A DEPTH EXCEEDING 1.2m THE INSPECTION COVER MUST REDUCE TO 350mm as per DETAIL ABOVE.
  2. PLASTIC INSPECTION CHAMBER AS SPECIFIED BY OSWADRAIN OR SIMILAR AND APPROVED.



### SOAKAWAY ACCESS GA

### NOTES

1. THIS DRAWING IS COPYRIGHT.
2. THE CONTRACTOR AND HIS SUBCONTRACTOR ARE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.
3. DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND THE SPECIFICATION.
5. ALL SETTING OUT TO BE IN ACCORDANCE WITH THE ARCHITECTS DRAWINGS. ANY DISCREPANCIES BETWEEN THE ENGINEERS AND THE ARCHITECTS DRAWINGS TO BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING. DIMENSIONS MUST NOT BE SCALED.
6. THIS DRAWING HAS BEEN PRODUCED BASED UPON LAYOUTS COMPILED AND SUPPLIED BY THE ARCHITECT IN ELECTRONIC FORMAT. NO RESPONSIBILITY IS TAKEN FOR ANY INACCURACIES AND/OR OMISSIONS IN THE INFORMATION AS SUPPLIED.
7. ALL WORKS TO BE INCLUDED IN THE SECTION 38 AGREEMENT SHALL BE IN ACCORDANCE WITH THE OXFORDSHIRE COUNTY COUNCIL DESIGN GUIDE AND THE SPECIFICATION FOR HIGHWAY WORKS PUBLISHED BY THE DEPARTMENT FOR TRANSPORT.

### HEALTH & SAFETY:

ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFIC RISK ASSESSMENT AND THE HAZARDS NOTED ARE IN ADDITION TO THE GENERAL RISK ASSESSMENT AND RISK RATED DANGER FOR WORKERS WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

C2 SOAKAWAY DETAIL REVISED TO CELLULAR AND ACCESS AMENDED TO SUIT 31.05.18 DC  
 C1 ACO DETAIL REMOVED SOAKAWAY 21.05.18 DC  
 T2 ACO DETAIL ADDED CONST ISSUE 18.12.17 DC  
 T1 TENDER ISSUE 14.12.17 DC

**RS RUDBY & STAGLITD. CONSTRUCTION**

Crest Nicholson Regeneration  
 Pycroft Road  
 Chertsey  
 Surrey  
 KT18 5BN

ELMSBROOK, BICESTER  
 PHASE 3 & 4  
 DRAINAGE CONSTRUCTION DETAILS  
 2 OF 2  
 Scale: NTS  
 Drawing No: 14790TA-3256

Page Size: A1  
 Date: DEC 17  
 Drawn: DC  
 Checked: MD  
 Revised: