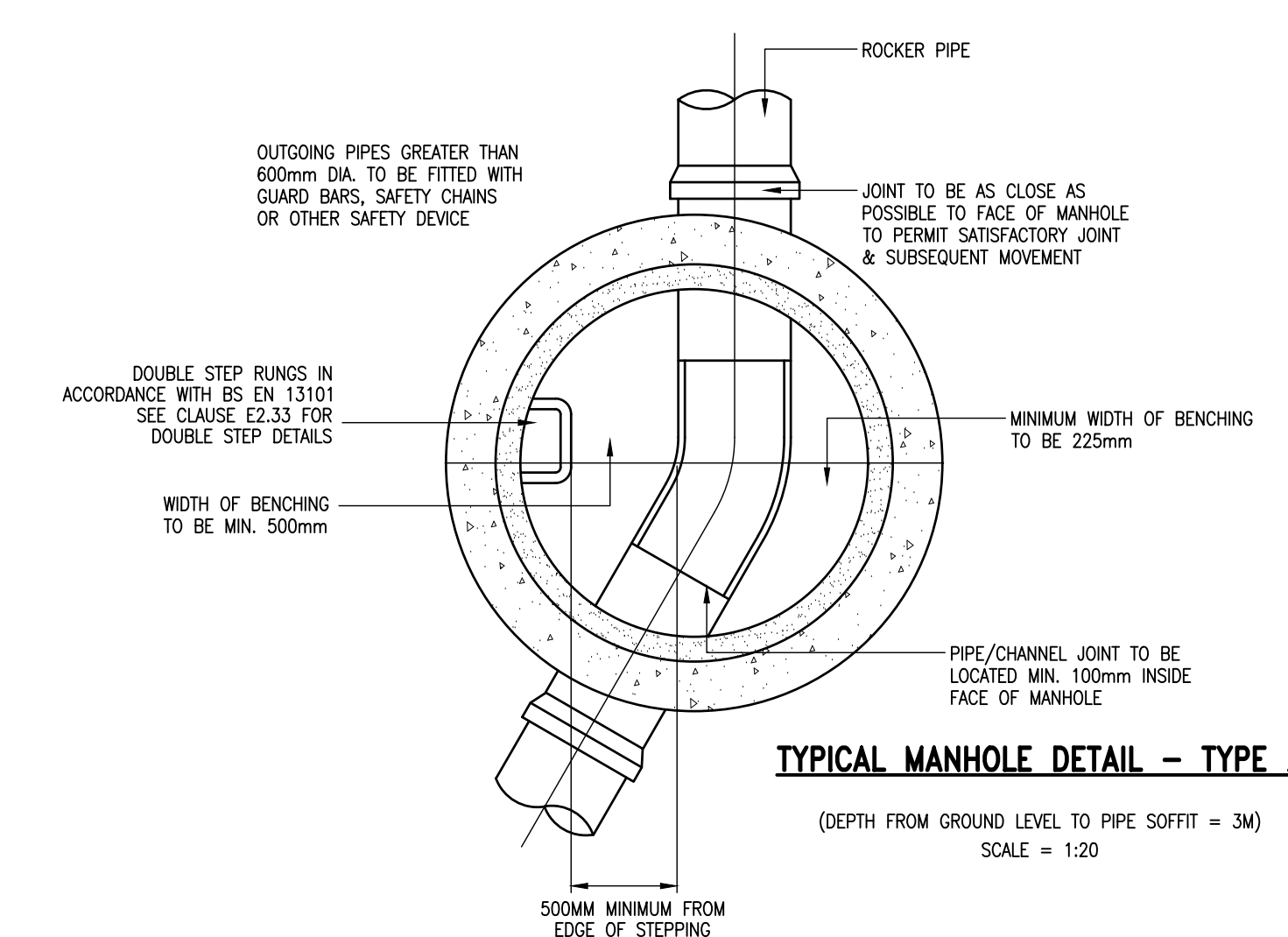




(DEPTH FROM GROUND LEVEL TO PIPE SOFFIT = 3M)
SCALE = 1:20

DIMENSION Y = IN ROCK, CONCRETE OR MIXED SOILS CONTAINING ROCK BANDS, BOULDERS, LARGE FLINTS OR STONES OR OTHER IRREGULAR HARD SPOTS THAT RESULT IN EVEN 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

-
- FINISH LEVEL
- FORMATION LEVEL
- 300mm MIN
- 1000 mm
- 1500 mm ± 50mm
- Bd
- Bc
- Dn
- 1000 mm
- Y
- TO BE USED ONLY IN NON
 ADAPTIVE AREAS
 DOT TYPE 1 MATERIAL COMPACTED
 IN LAYERS NOT EXCEEDING 250mm
 DOT TYPE 1 MATERIAL COMPACTED
 BY HAND
 SELECTED FILL WELL COMPACTED
 (DOT TYPE 1 MAY BE USED)
 GRANULAR BED WELL COMPACTED

[illegible][illegible]

NOMINAL INTERNAL DIA. DN (mm)	ASSUMED EXTERNAL DIA. (mm)	ASSUMED MAX. PERMISSIBLE TRENCH WIDTH B _d (mm)	DIMENSION "Y" FOR UNIFORM SOIL (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

GRANULAR MATERIAL	
PIPE SIZE	AGGREGATE
100 mm	10 mm SINGLE SIZE
150 mm	10 OR 14mm SINGLE SIZE OF 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

DOT TYPE 1 MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 250mm

1000mm MIN. UNLESS ADDITIONAL PROTECTION IS PROVIDED ON MAIN SITE TRAFFIC ROUTES

GRANULAR SUBROUND IN CONTROLLED LAYERS	
SIZE	SIZE
10000000	10000000

* 900mm MIN. UNLESS ADDITIONAL PROTECTION IS PROVIDED ON MAIN SITE TRAFFIC ROUTES

150 mm SURROUNDED UP TO 300 mm Dia PIPE (*200mm SURROUND ON 375 mm AND ABOVE) OF ST4/GEN3. SHAPED FORMERS OF 25 mm POLYSTYRENE OF PITCH IMPREGNATED FIBRE BOARD TO BE INSTALLED ON EACH JOINT ON ROCKER PIPES AT MANHOLES ETC. AND EVERY THIRD JOINT (NOT EXCEEDING 5 METRES) ON RUNS OF DRAIN



Site:	ONE HORTON HEATH		
Address:	SEGMENT 3		
Dwg Title:	S104 DRAINAGE CONSTRUCTION DETAILS NORTHERN SECTION		
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		Drawn: PN	Checked: PN