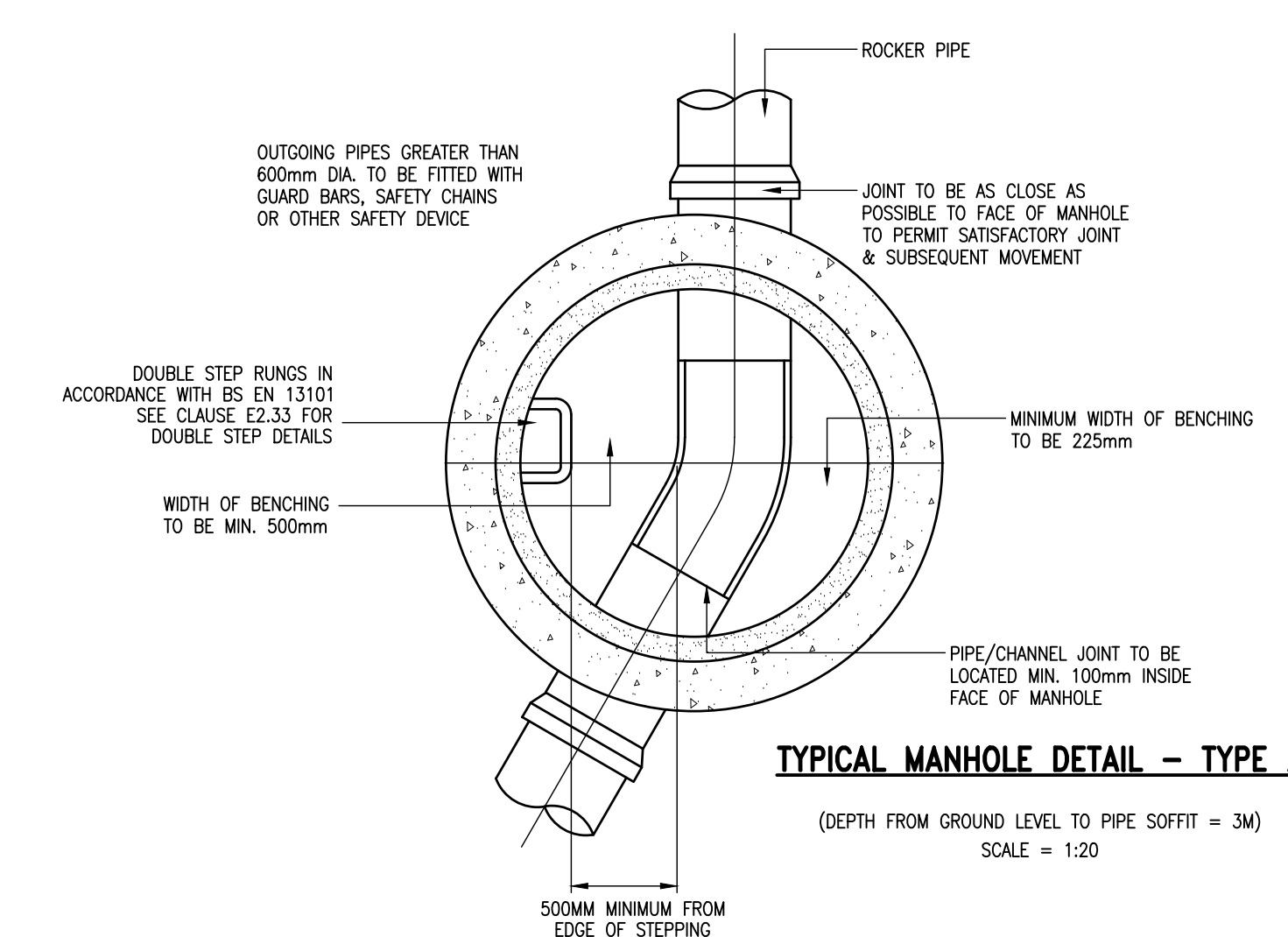




(DEPTH FROM GROUND LEVEL TO PIPE SOFFIT = 3M)
SCALE = 1:20

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

- 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 ELSEWHERE
- 5) SEE ALSO EN752
- 6) FOR GREATER TRENCH WIDTHS SEEK GUIDANCE FROM ENGINEER



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

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



(MAX. DEPTH FROM GROUND LEVEL TO PIPE SOFFIT 3.0M)



BRANCH CONNECTIONS TO BE
150mm MINIMUM DIAMETER.
S= SPECIAL SHORT LENGTH
PIPE 600mm LONG.