

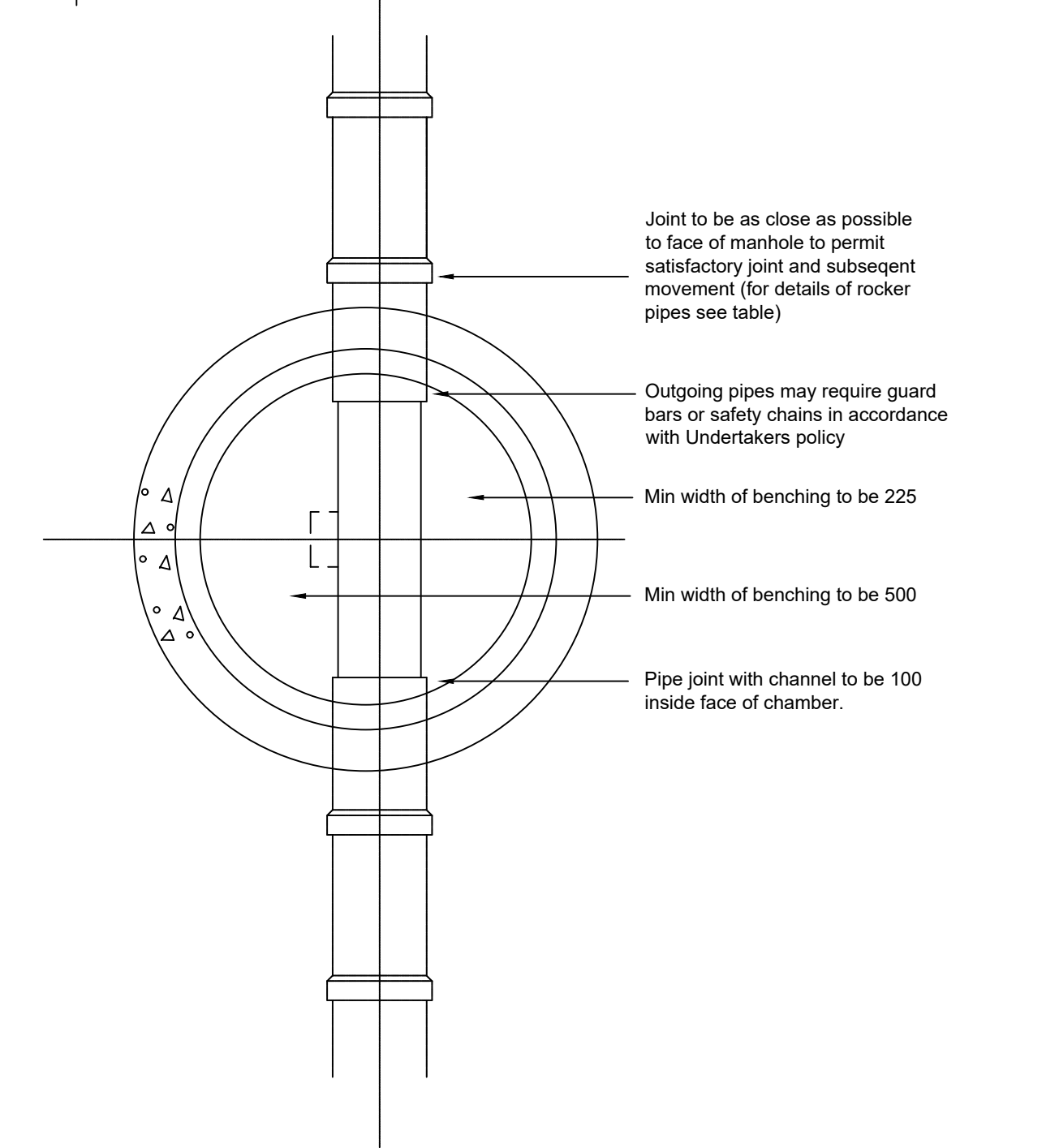


Diagram illustrating the construction of a sewer trench. The trench is 150mm wide. The bottom is 150mm above the rock. The total depth is 500mm. The trench is 150mm wide. The bottom is 150mm above the rock. The total depth is 500mm.

Labels and dimensions:

- 150mm (width)
- 150mm (width)
- 200mm (height of middle layer)
- 150mm (height of bottom layer)
- Min 150 in uniform soil
- Min 200 in rock

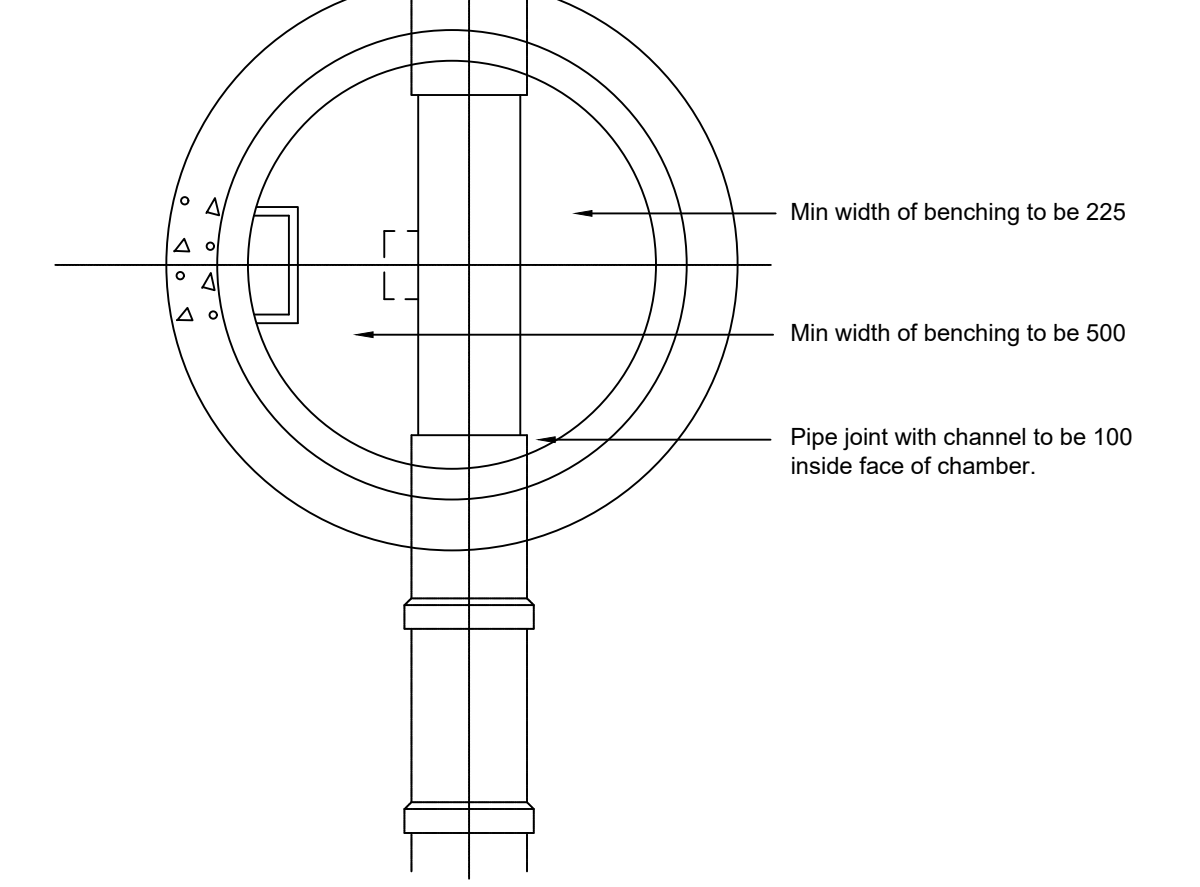
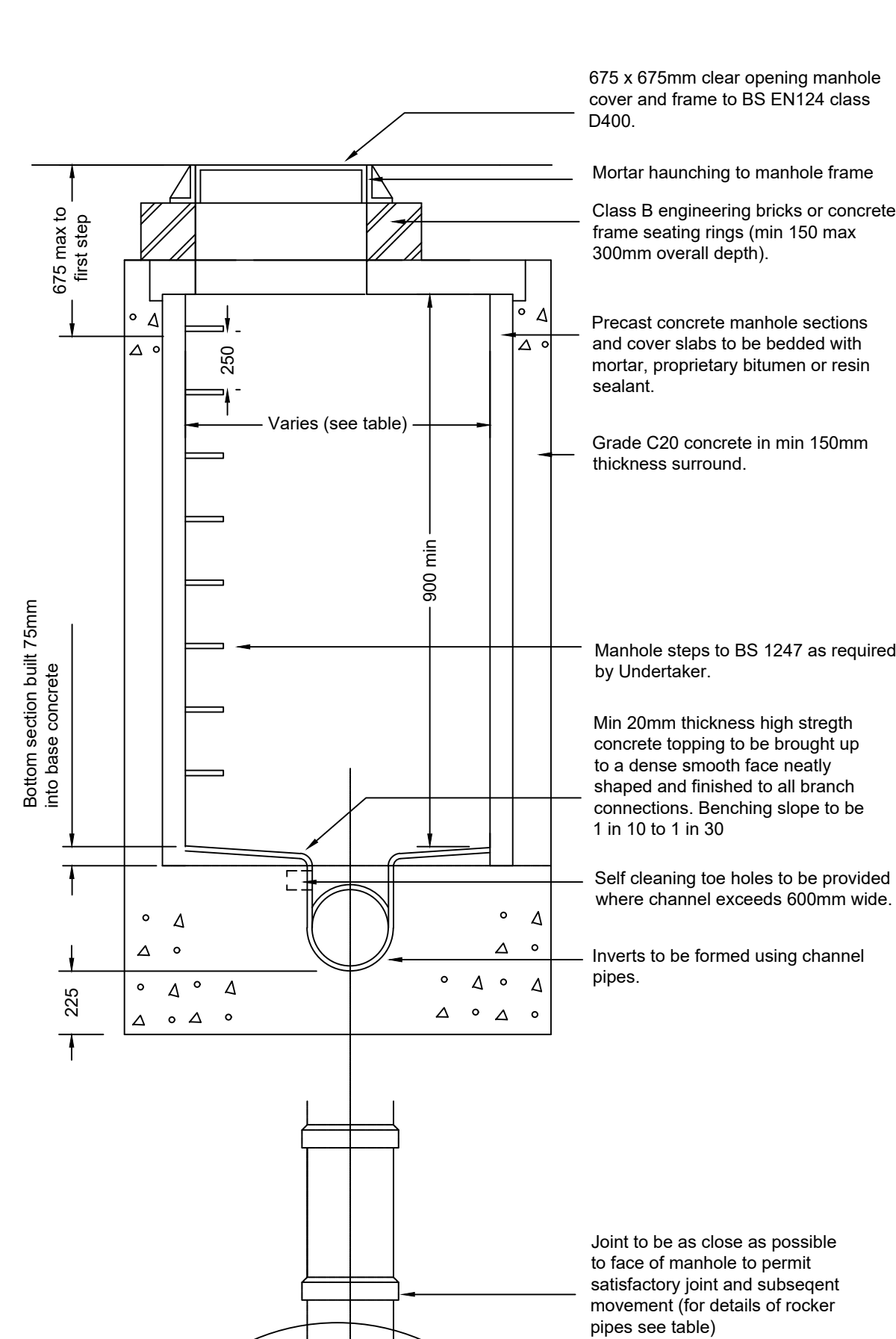
Selected excavated material well compacted in layers

Selected excavated material lightly compacted by hand

Single size granular material with well compaction factor not greater than 0.2

Note

All sewer trenches under adoptable roads are to be backfilled to formation of road with granular sub-base material to DTP clause 803 type 1.



Diameter of largest pipe in manhole (mm)	Internal diameter of manhole (mm)
Less than 375	1200
375-700	1500
750-900	1800
Greater than 900	Consult Undertaker

Pipe diameter (mm)	Effective length (m)
150-600	0.60m
675-750	1.00m
825 and over	1.25m

SFA Figure 2.7
Typical Type D Manhole
Depth from cover level to soffit of pipe less than 1.0m
Approval of the Undertaker must be given for installation of this type of manhole.

Scale	A1 @ NTS	Drawn	CS
Date	March 2021	Checked	LH
File	20079 / dwgs / civils / current	Drawing	20079 / 311 Rev A

