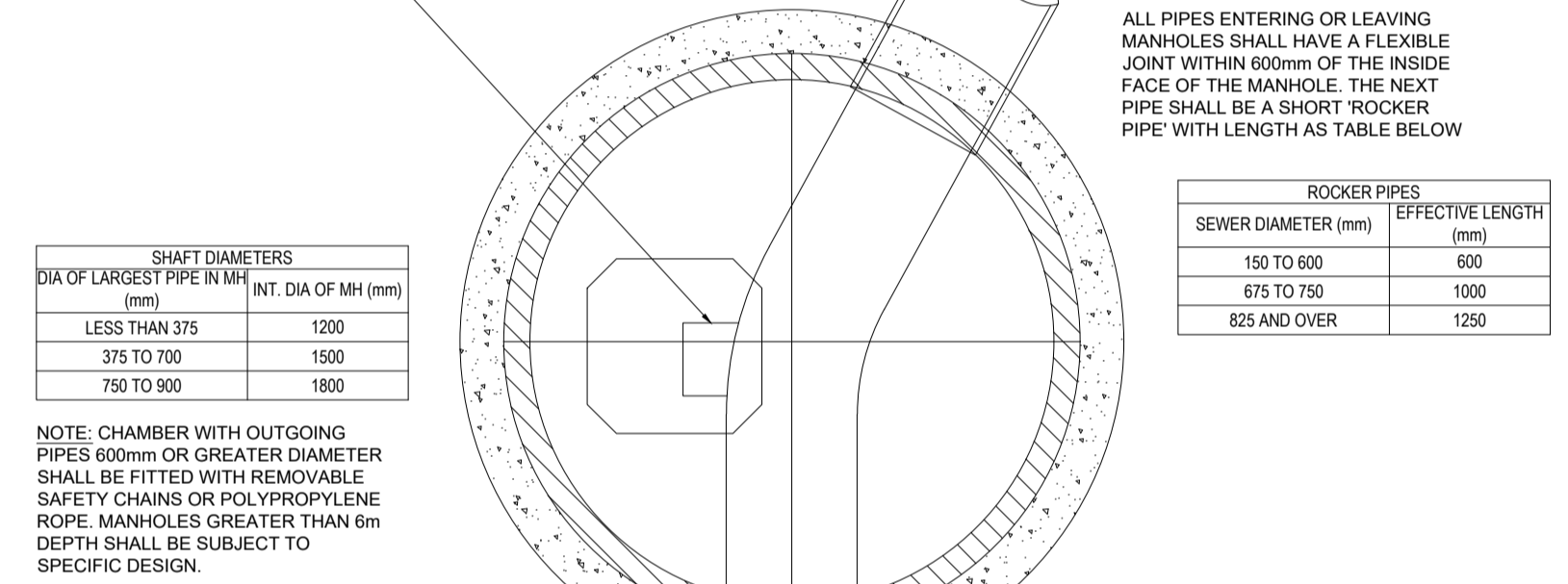
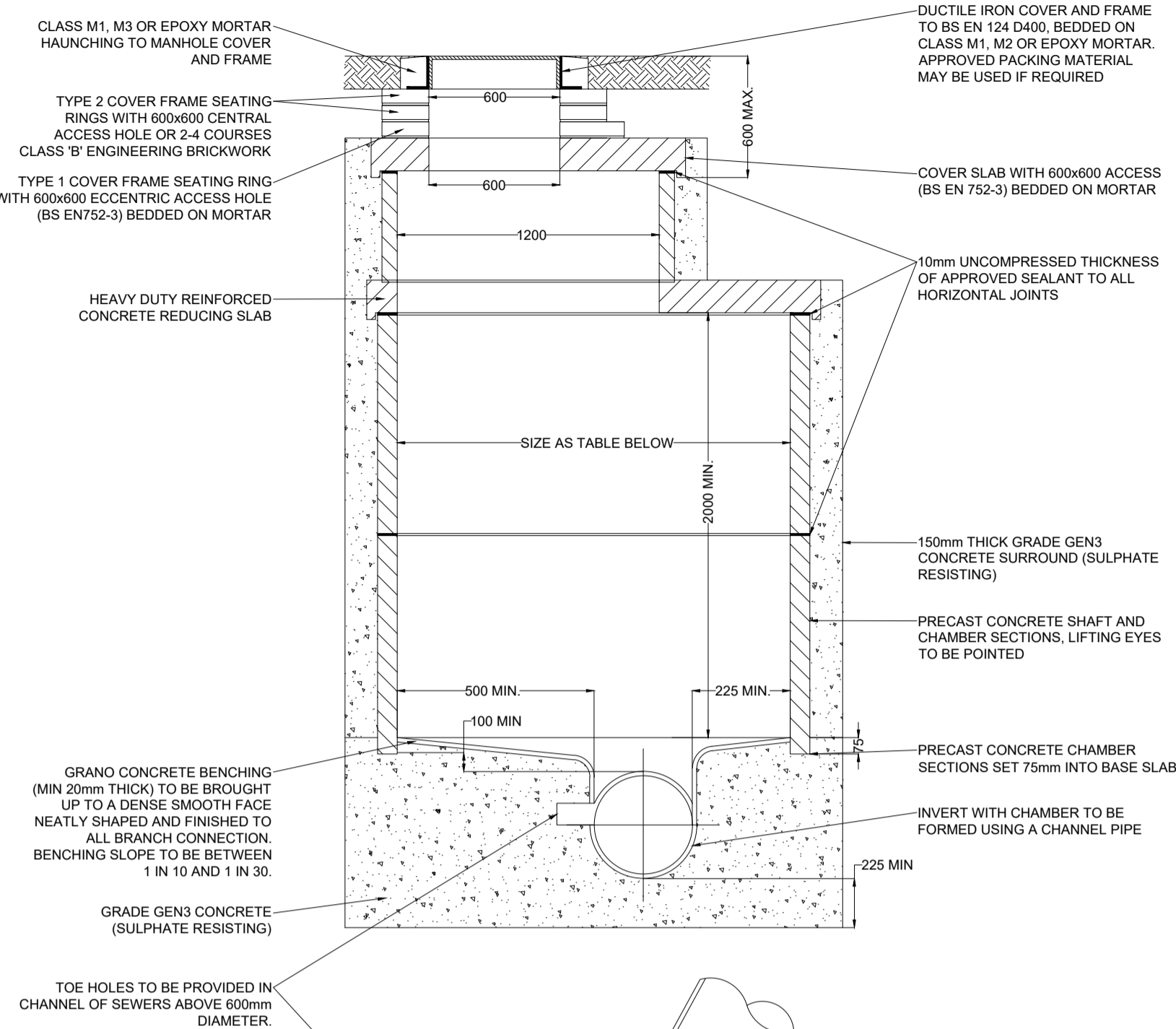


MANHOLE TYPE A (DEPTH TO SOFFIT 3m-6m)



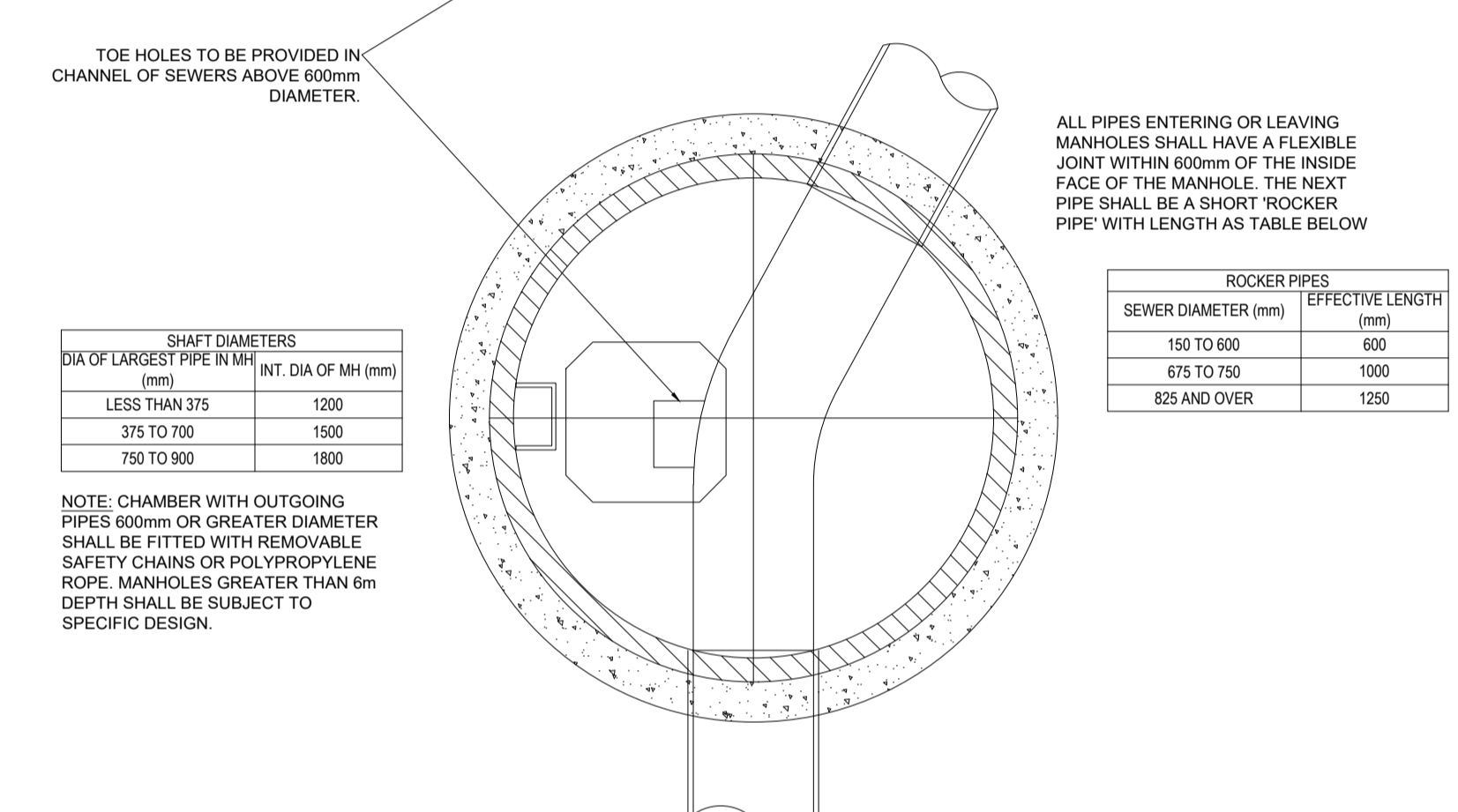
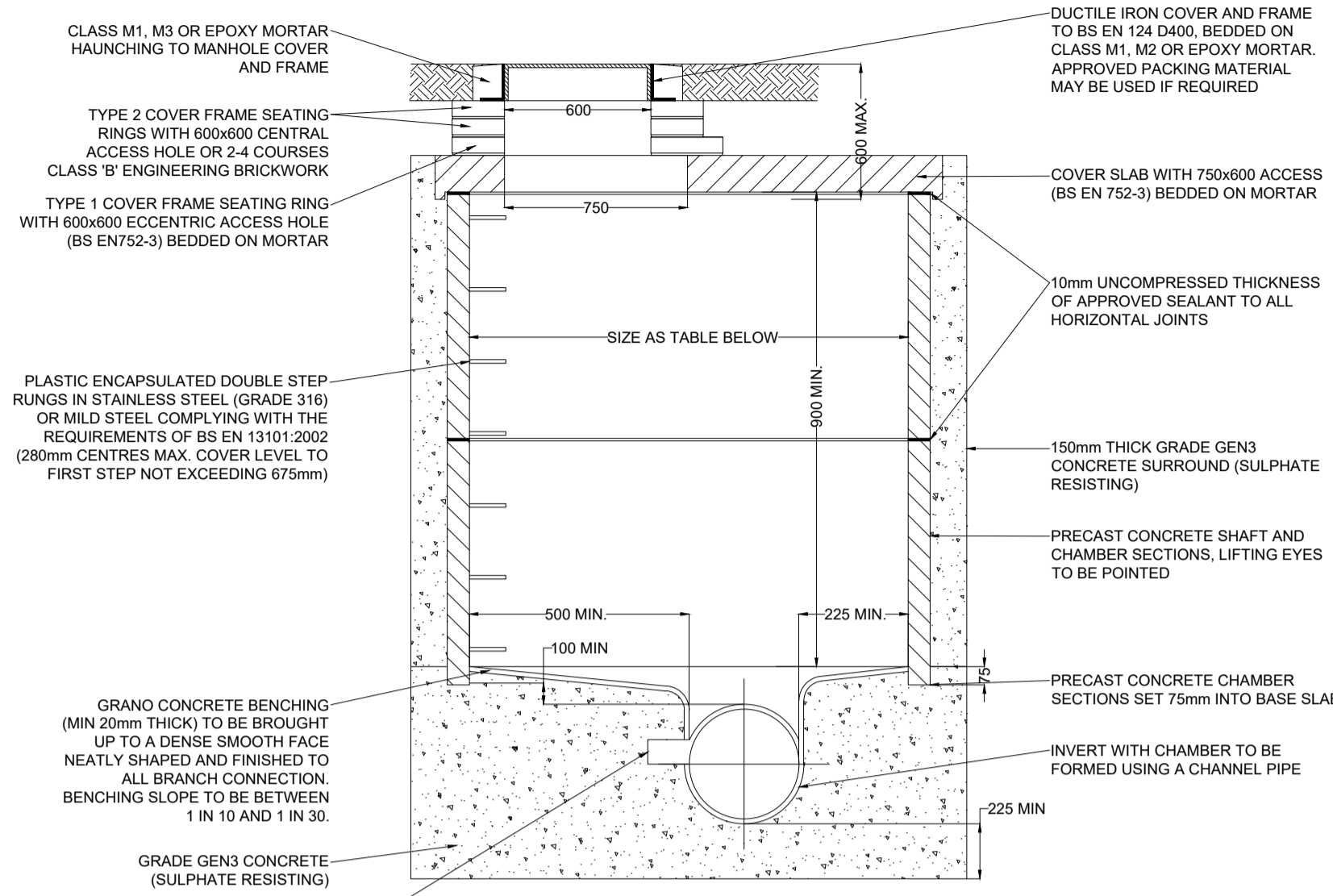
ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT 'ROCKER' PIPE WITH LENGTH AS TABLE BELOW

SHAFT DIAMETERS	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
LESS THAN 375	1200
375 TO 750	1500
750 TO 900	1800

ROCKER PIPES	
SEWER DIAMETER (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

NOTE: CHAMBER WITH OUTGOING PIPES 600mm OR GREATER DIAMETER SHALL BE FITTED WITH REMOVABLE SAFETY CHAINS OR POLYPROPYLENE ROPE. MANHOLES GREATER THAN 6m DEPTH SHALL BE SUBJECT TO SPECIFIC DESIGN.

MANHOLE TYPE B (DEPTH TO SOFFIT 1.5m-3m)



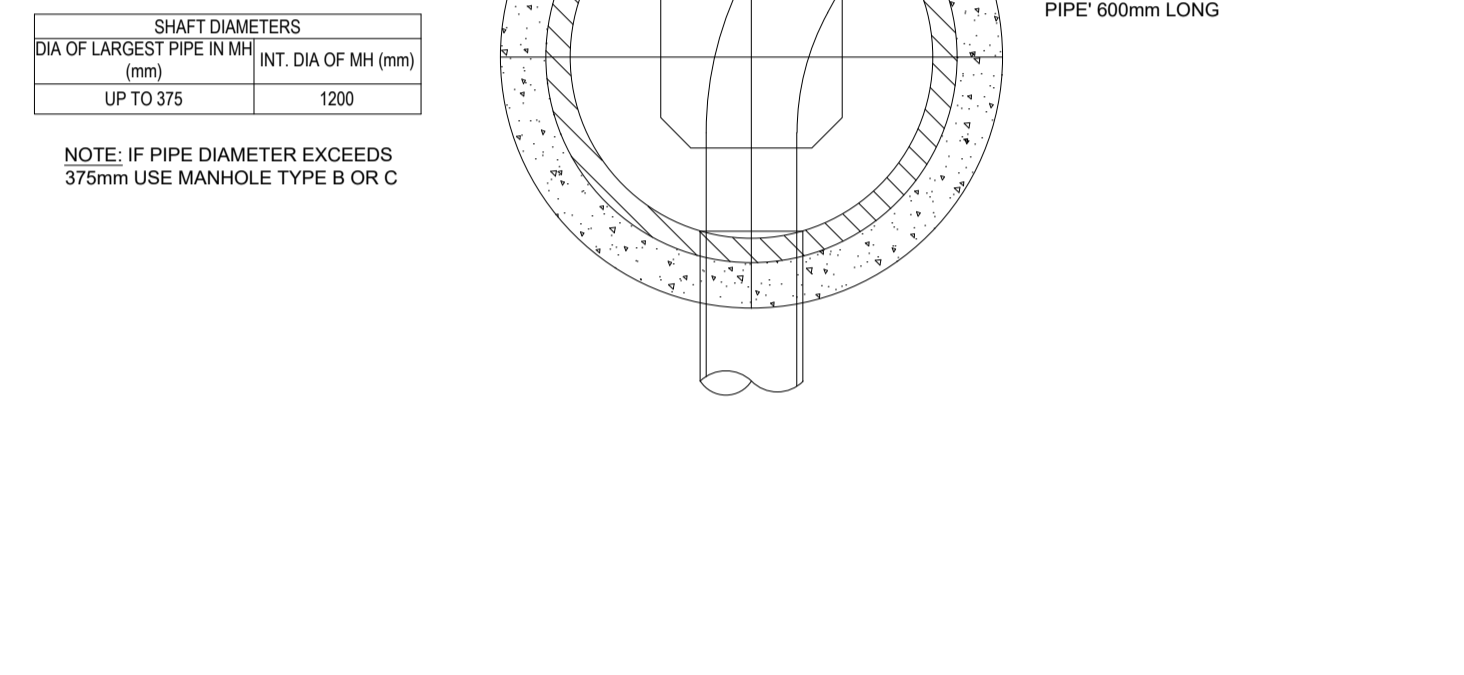
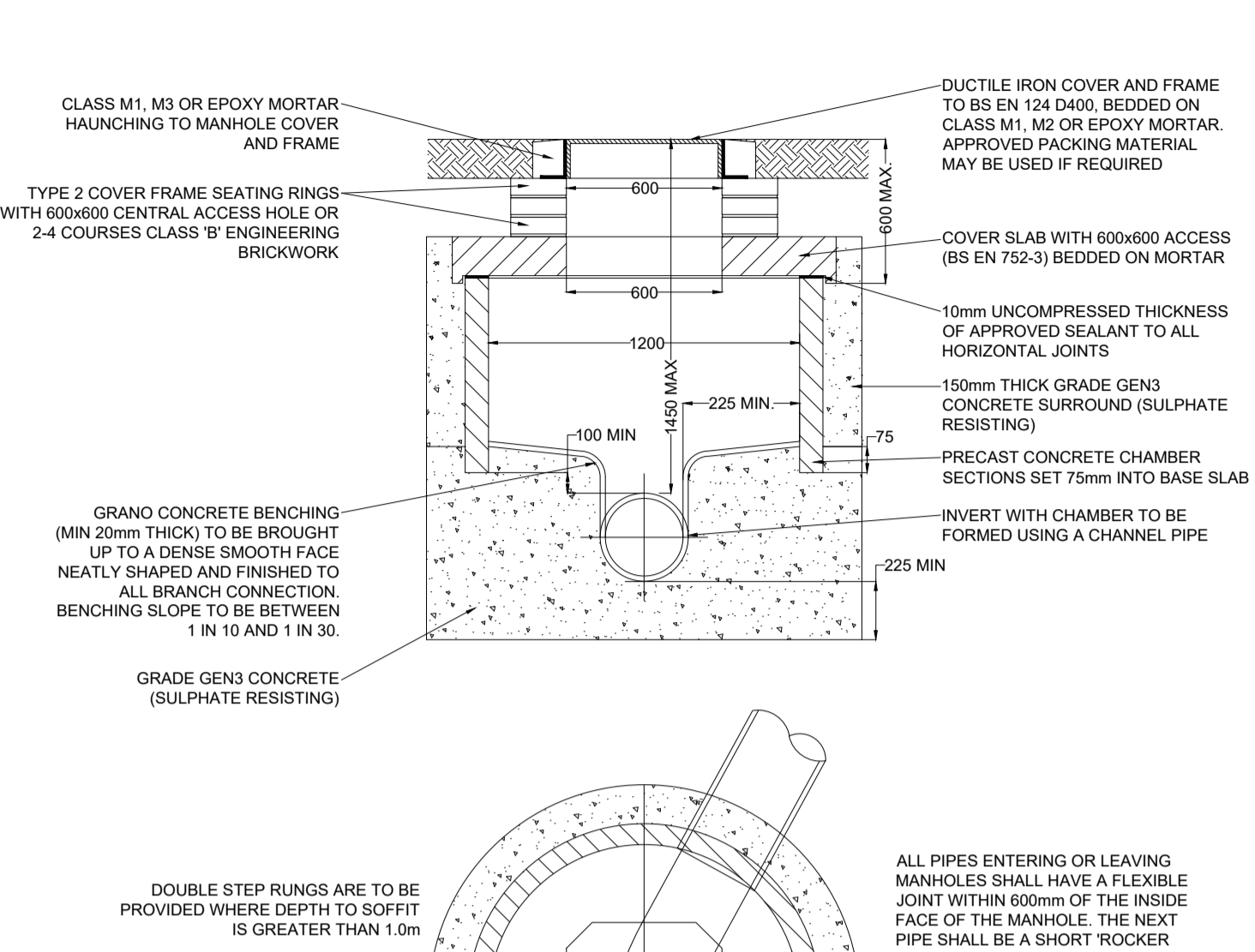
ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT 'ROCKER' PIPE WITH LENGTH AS TABLE BELOW

SHAFT DIAMETERS	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
LESS THAN 375	1200
375 TO 750	1500
750 TO 900	1800

ROCKER PIPES	
SEWER DIAMETER (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

NOTE: CHAMBER WITH OUTGOING PIPES 600mm OR GREATER DIAMETER SHALL BE FITTED WITH REMOVABLE SAFETY CHAINS OR POLYPROPYLENE ROPE. MANHOLES GREATER THAN 6m DEPTH SHALL BE SUBJECT TO SPECIFIC DESIGN.

MANHOLE TYPE E (DEPTH TO SOFFIT 1.0m-1.5m) PIPES NO GREATER THAN 375mm DIAMETER



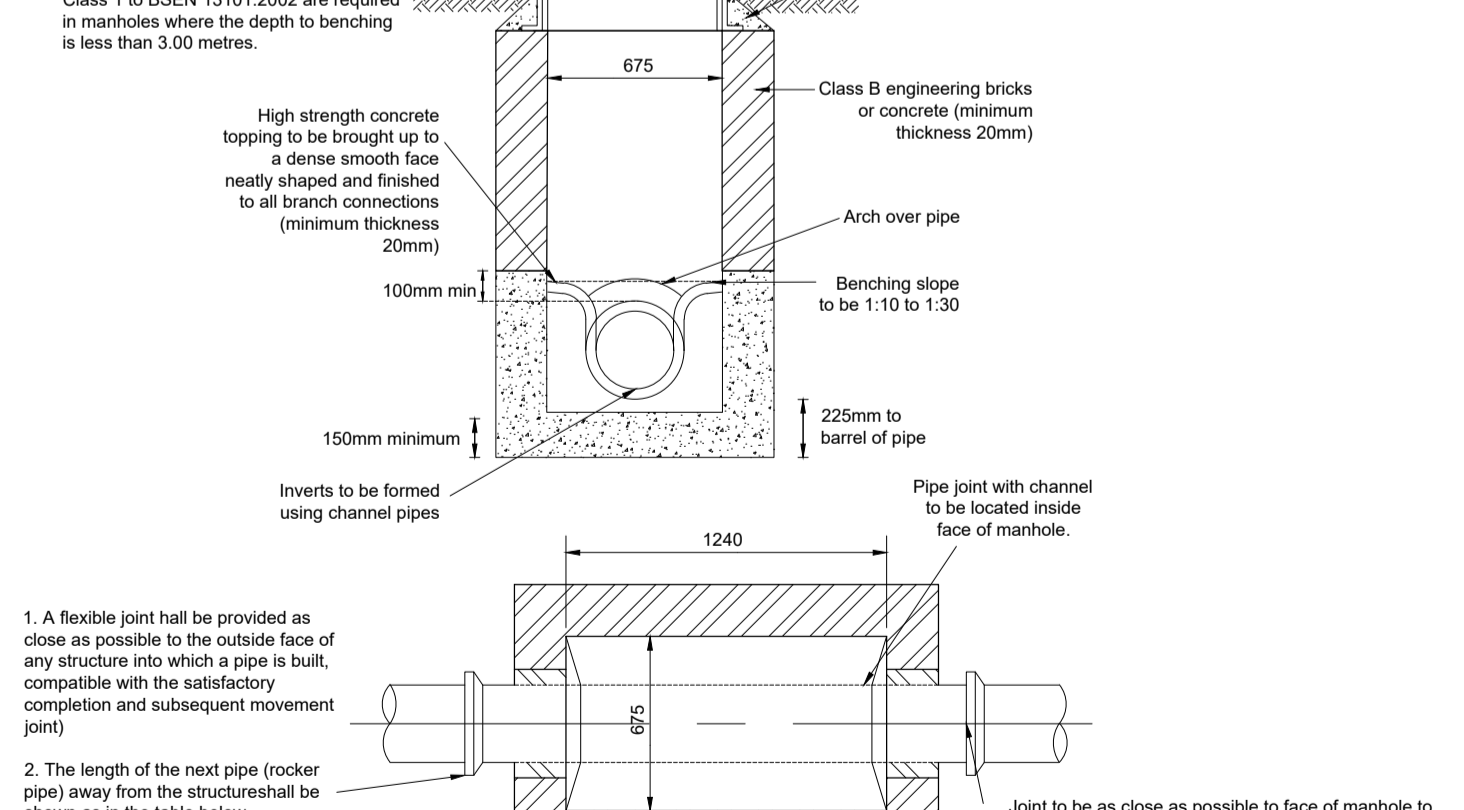
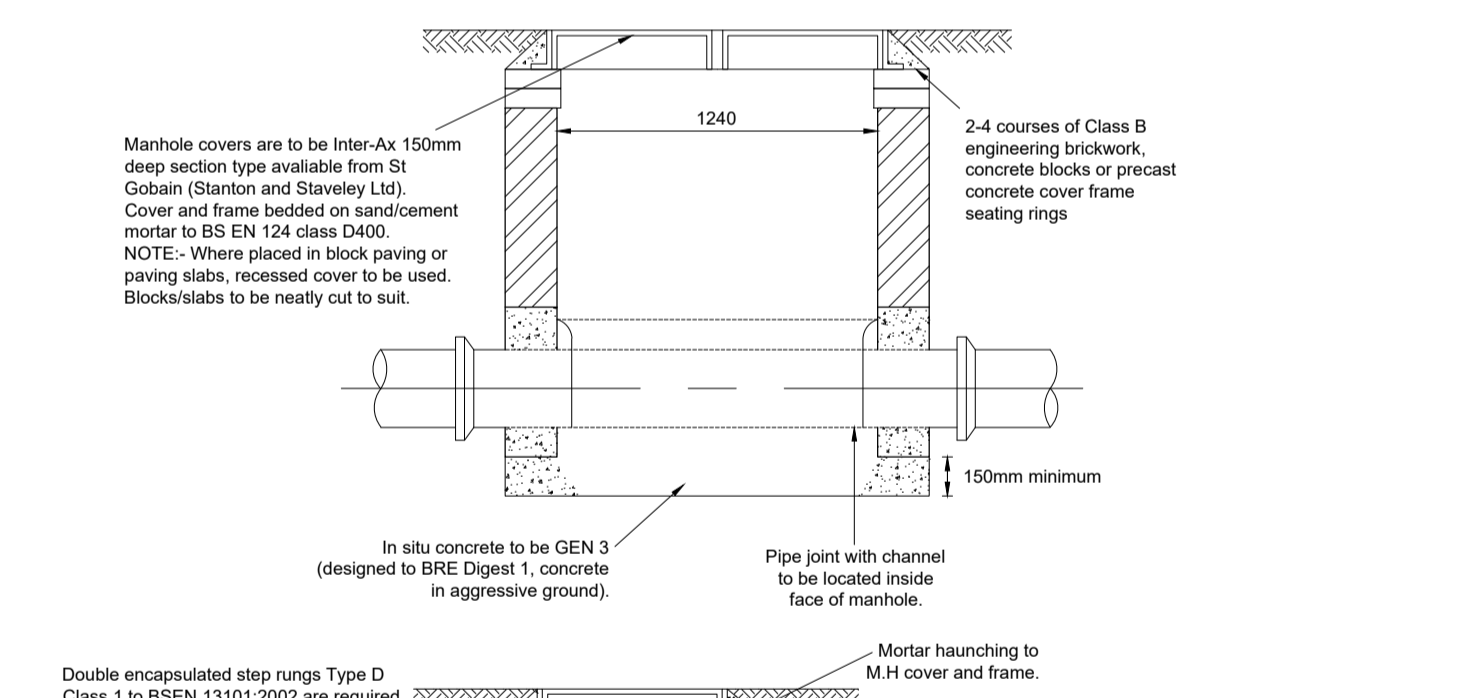
ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT 'ROCKER' PIPE WITH LENGTH AS TABLE BELOW

SHAFT DIAMETERS	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
UP TO 375	1200

ROCKER PIPES	
SEWER DIAMETER (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

NOTE: IF PIPE DIAMETER EXCEEDS 375mm USE MANHOLE TYPE B OR C

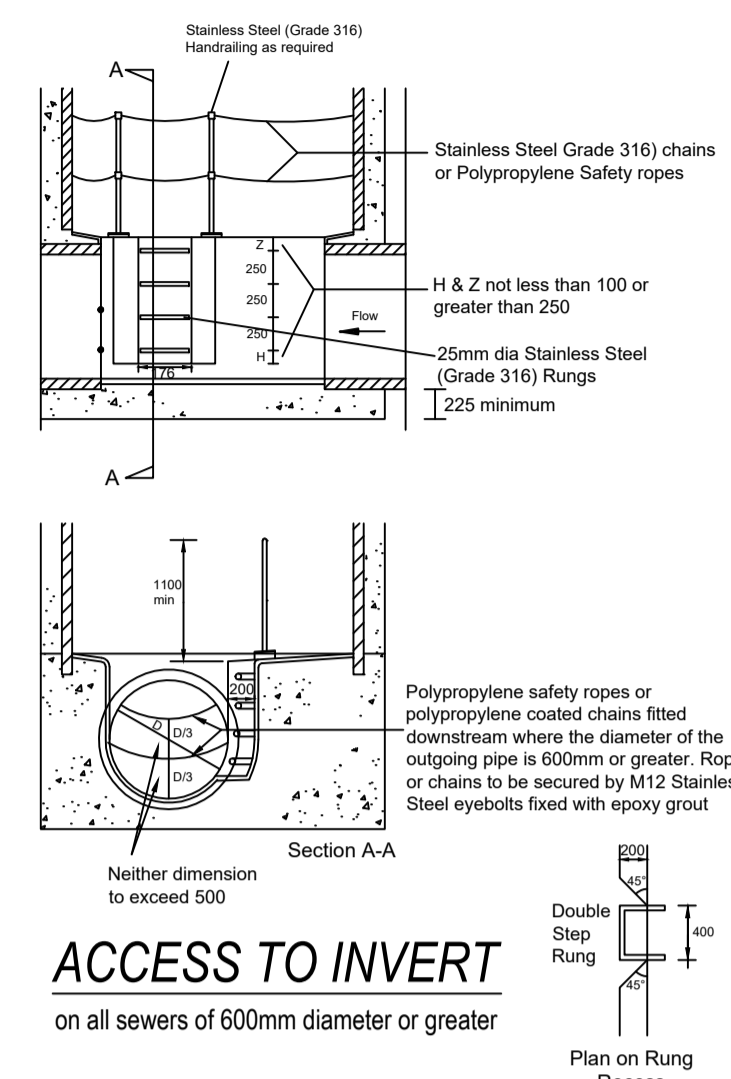
MANHOLE TYPE C (DEPTH TO SOFFIT 1.0m-1.5m)



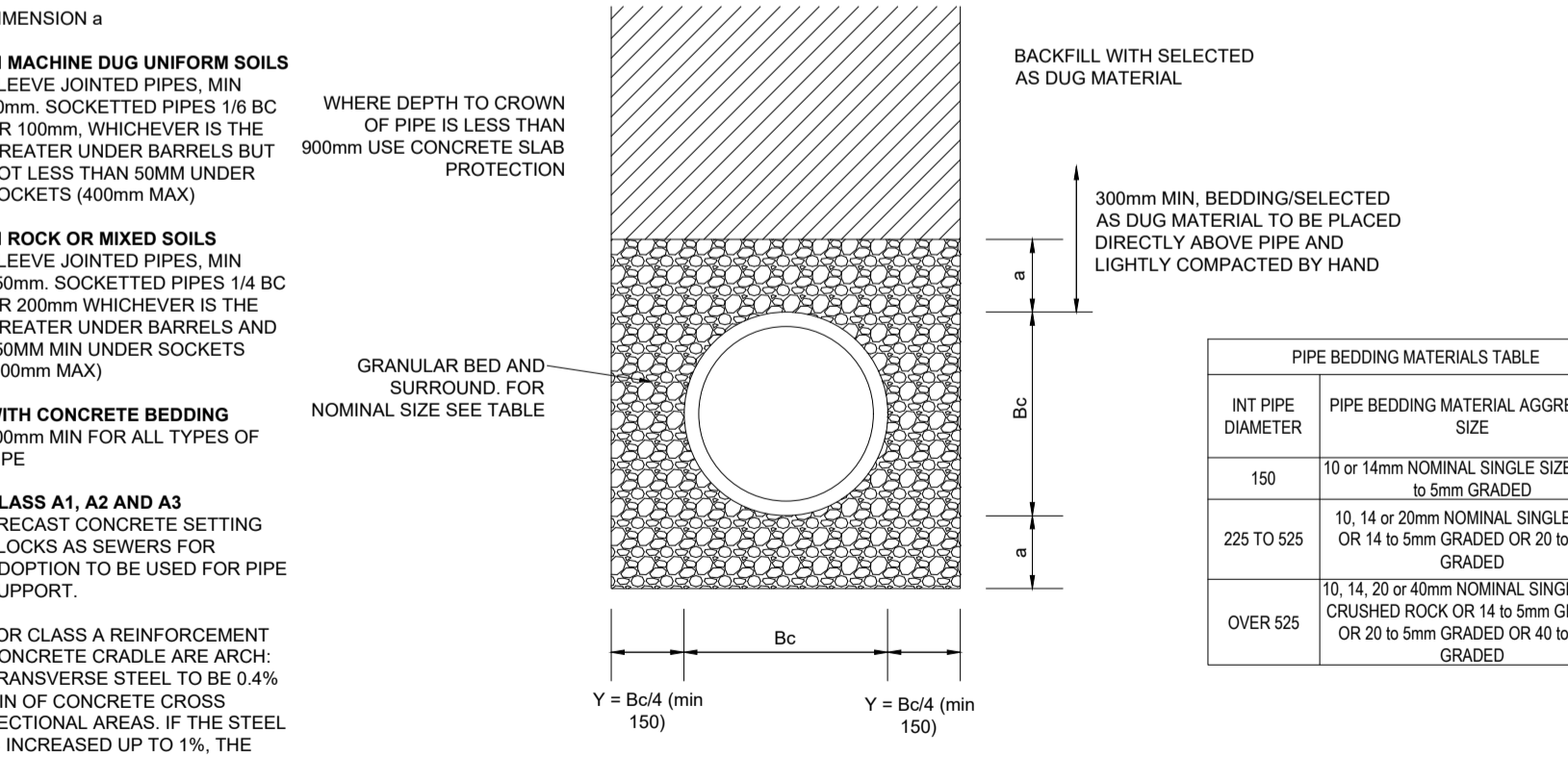
1. A flexible joint shall be provided as close as possible to the outside face of any structure into which a pipe is built, compatible with the satisfactory completion and subsequent movement joint.

2. The length of the next pipe (rocker pipe) away from the structure shall be shown in the table below

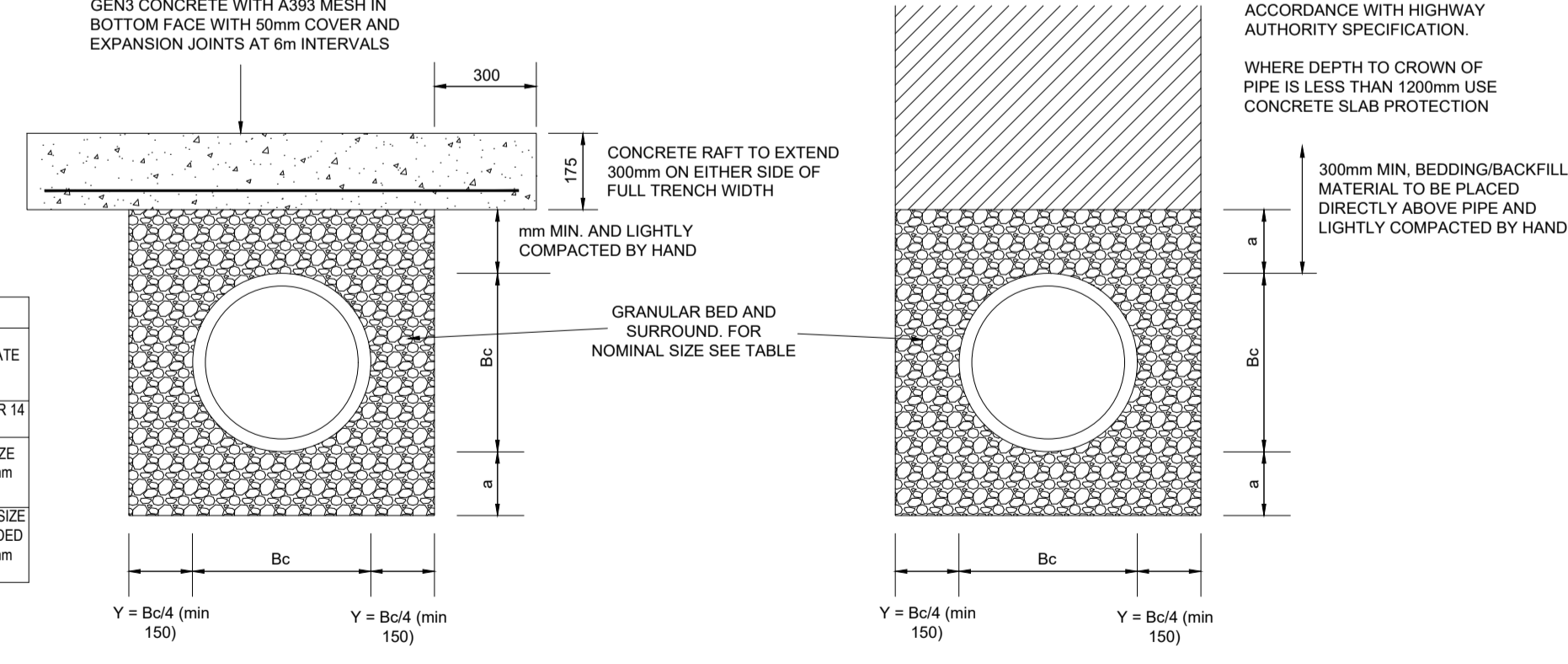
Nominal pipe dia (mm)	Rocker pipe effective length (m)
150-600	0.6
675-750	1.0
825 and over	1.25



ACCESS TO INVERT on all sewers of 600mm diameter or greater



CLASS S BED AND SURROUND For pipes outside of public highway



CONCRETE SLAB PROTECTION CLASS S BED AND SURROUND For pipes within public highway

Rev	Description	Date	Drawn	Checked

Drawing Approval Status:-
 Section 104 Section 38 Section 278

FOR TENDER

12a - 18a Hitchin Street, Biggleswade, SG18 8AX
 Tel: (01767) 317244 Web: www.wormburp.com Email: engineer@wormburp.com

Project:
Haverhill, Boyton Place

Drawing Description:
Drainage Construction Details - Sheet 1

Client:
PERSIMMON

Drawing Number:
E3838/560

Client Reference:

Scale:
 NTS @ A1
 NTS @ A3

Persimmon Homes (Suffolk)
 Persimmon House
 Orion Court, Orion Avenue
 Great Blakenham
 Suffolk IP6 0LW

Designed By: **TJW** Drawn By: **JMW** Checked By: **PMW**

Date: **01.02.21** Date: **01.02.21** Date: **01.04.21**

ISO 9001 Quality UKAS MANAGEMENT SYSTEMS 622