

DO NOT SCALE FROM DRAWING

1. ALL DIMENSIONS ARE IN METRES UNLESS INDICATED OTHERWISE.
2. ALL DRAINAGE TO BE CONSTRUCTED TO SEWERS FOR ADOPTION (6TH EDITION) OR MANUFACTURERS' INSTRUCTIONS AS APPROPRIATE.

Revisions

REV/ DATE (OWN/CHNG) APP/ DESCR:

Client

FREEDOM LAND DEVELOPMENTS LIMITED (PHIL HUGHES)

Project

NORTH ROAD PONCAU HOUSING DEVELOPMENT

Title

STANDARD DETAILS: TYPICAL MANHOLE TYPES



APPROVAL

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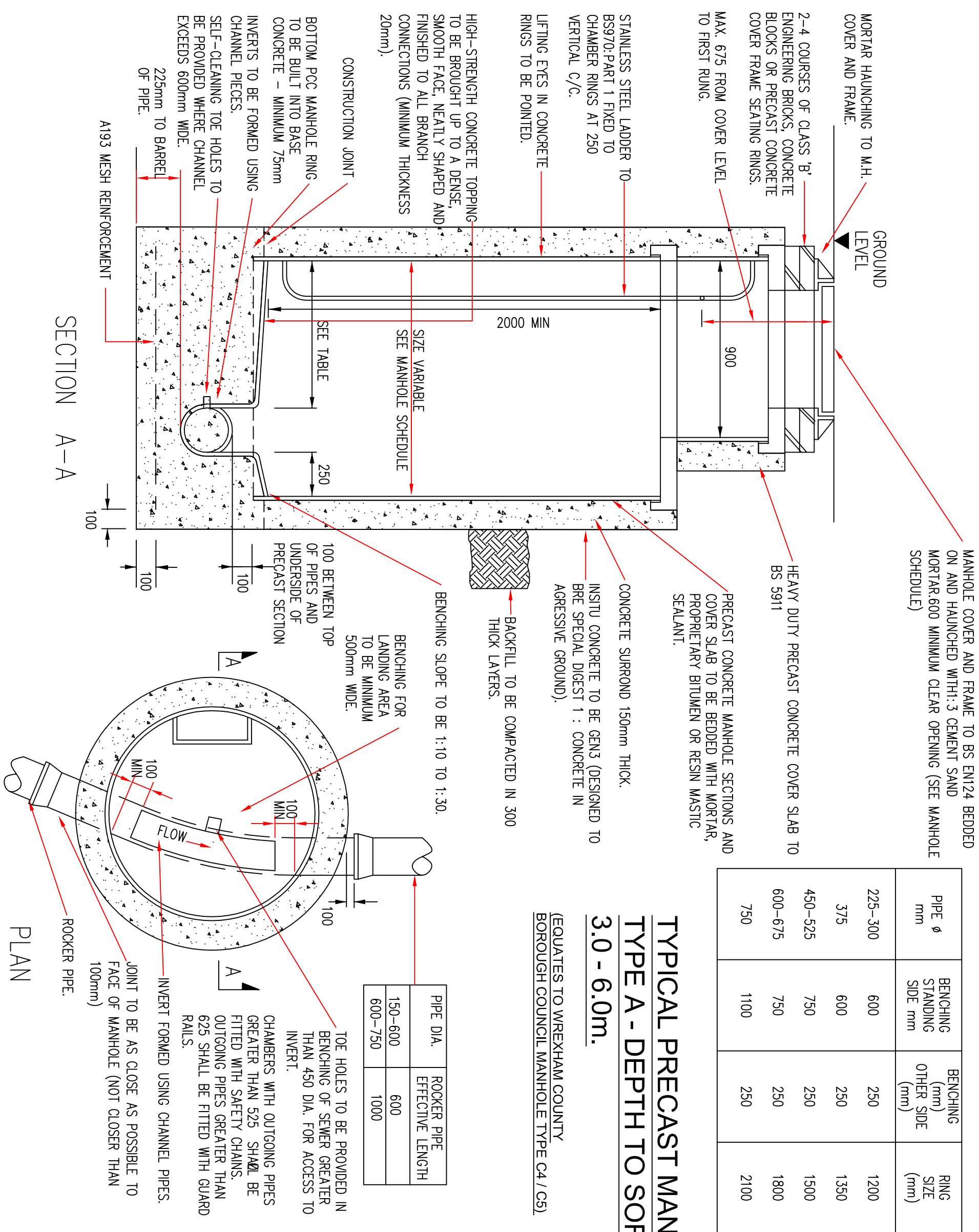
Scale: 1:1.5 Date: 03/03/09

Drawn: S/J Checked: K/B

Project no: PHH_001 Drawing no: SD_004 Issue: P1

TYPICAL PRECAST MANHOLE TYPE A - DEPTH TO SOFFIT = 3.0 - 6.0m.

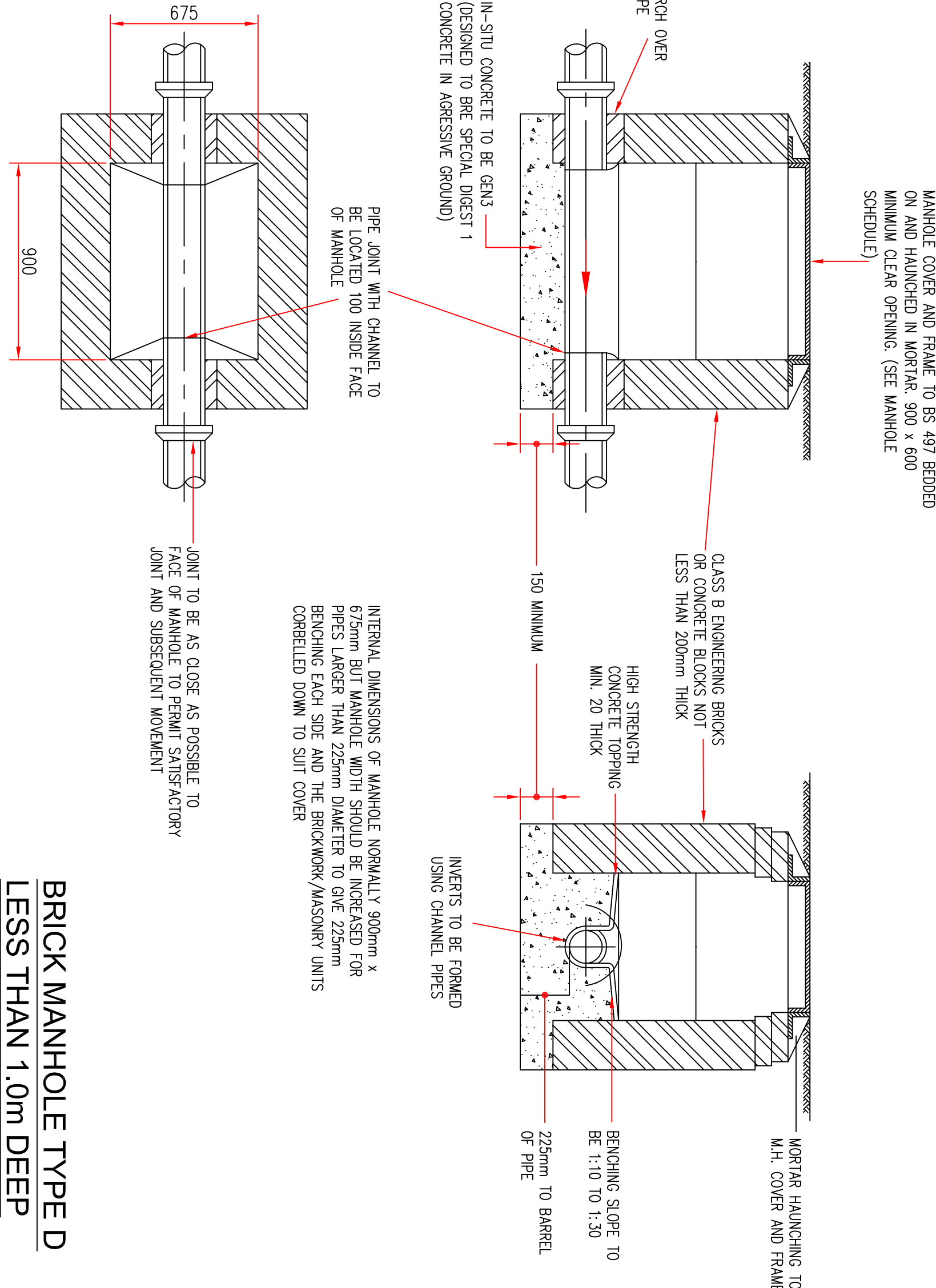
(EQUATES TO WREXHAM COUNTY BOROUGH COUNCIL MANHOLE TYPE C4 / C5).



PIPE Ø mm	BENCHING STANDING SIDE mm	BENCHING OTHER SIDE (mm)	RING SIZE (mm)
225-300	600	250	1200
375	600	250	1350
450-525	750	250	1500
600-675	750	250	1800
750	1100	250	2100

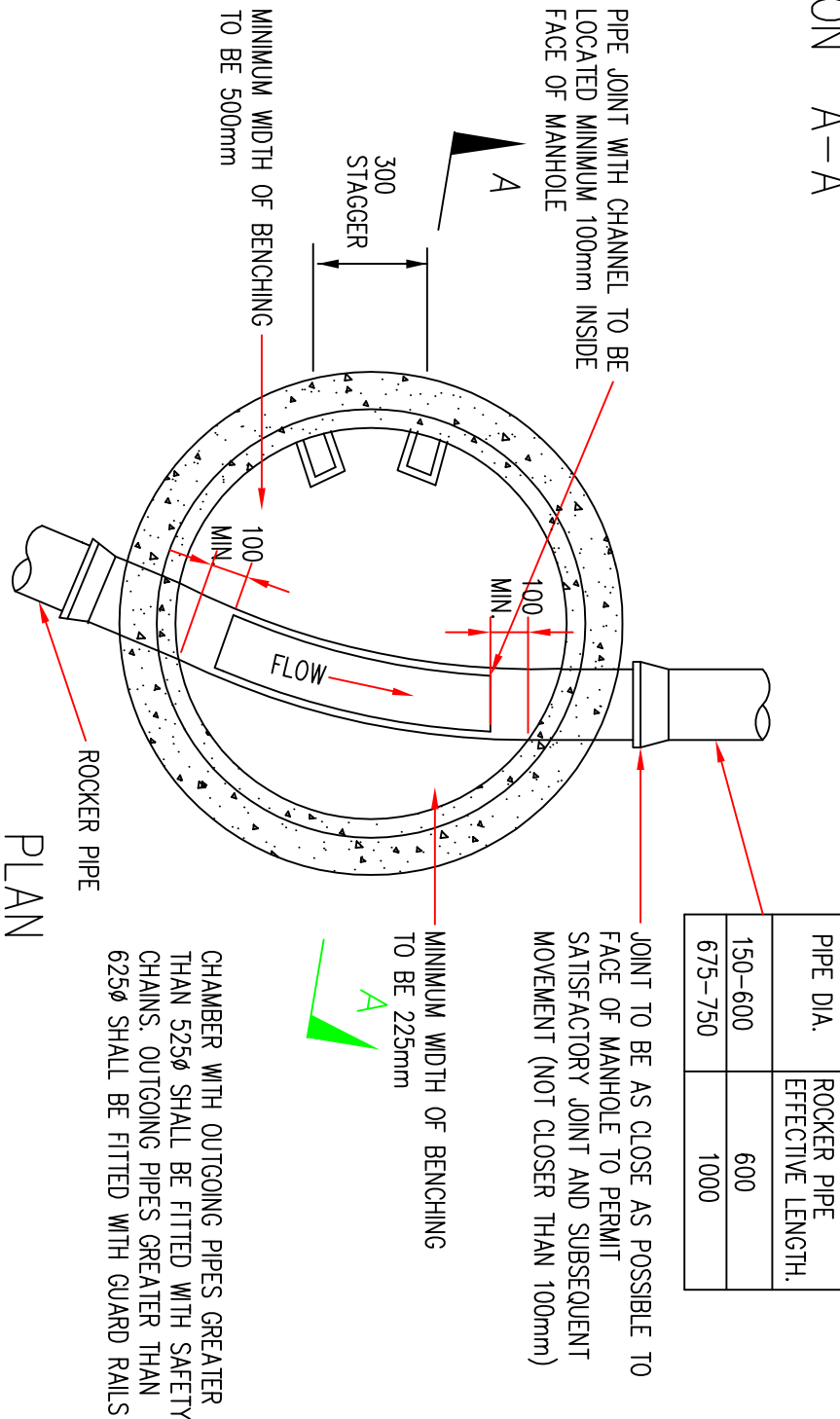
BRICK MANHOLE TYPE D LESS THAN 1.0m DEEP

(EQUATES TO WREXHAM COUNTY BOROUGH COUNCIL MANHOLE TYPE 9).



TYPICAL PRECAST MANHOLE TYPE B - DEPTH TO SOFFIT = 1.45 - 3.0m.

(EQUATES TO WREXHAM COUNTY BOROUGH COUNCIL MANHOLE TYPE C3 / C4).



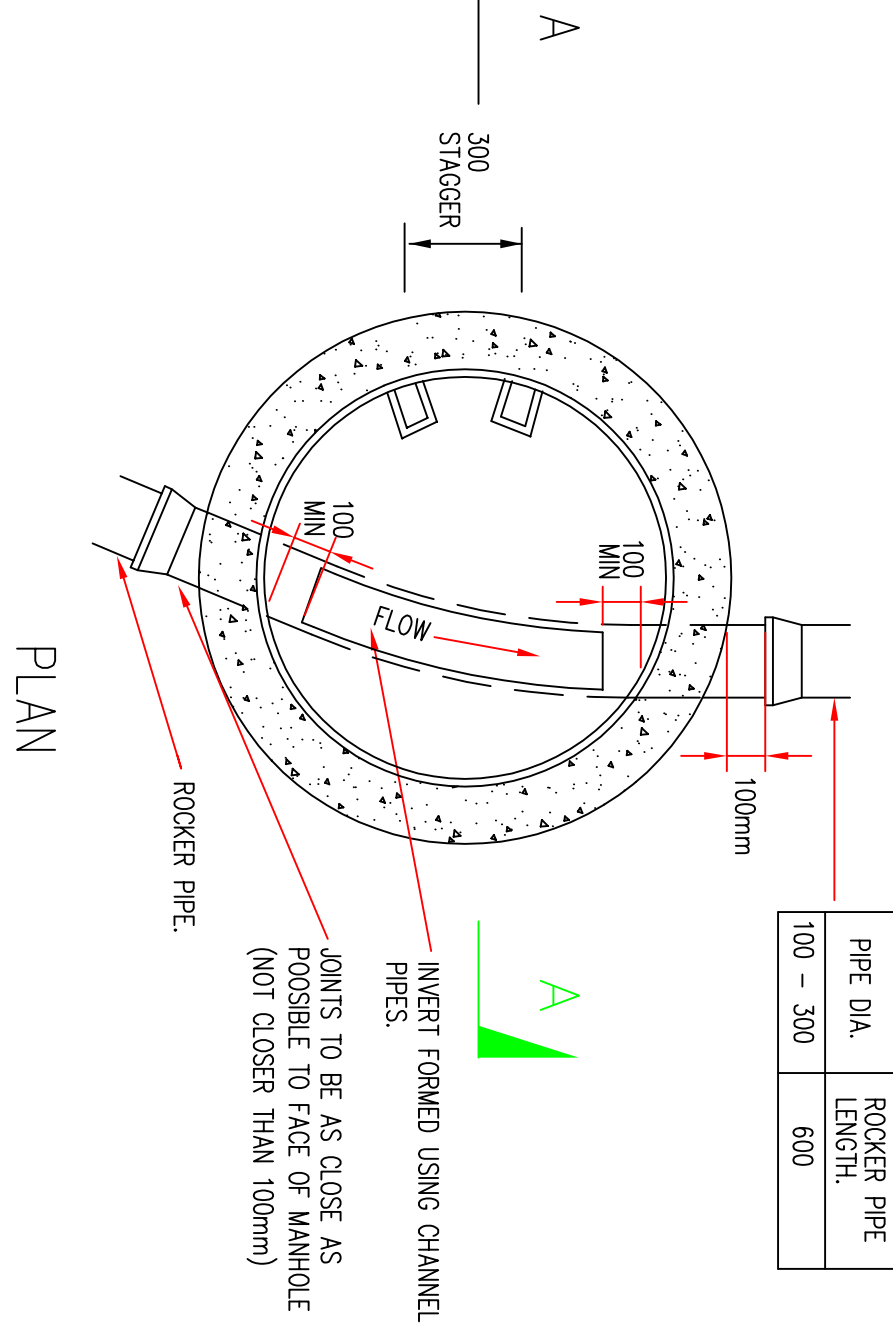
PIPE DIA. mm	ROCKER PIPE EFFECTIVE LENGTH mm
150-600	600
675-750	1000

PIPE Ø mm	BENCHING STANDING SIDE mm	BENCHING OTHER SIDE (mm)	RING SIZE (mm)
225-300	600	250	1200
375	600	250	1350

PIPE Ø mm	BENCHING STANDING SIDE mm	BENCHING OTHER SIDE (mm)	RING SIZE (mm)
225-300	600	250	1200
375	600	250	1350
450-525	750	250	1500
600-675	750	250	1800
750	1100	250	2100

TYPICAL PRECAST MANHOLE TYPE E - DEPTH TO SOFFIT = 1.0 - 1.5m.

(EQUATES TO WREXHAM COUNTY BOROUGH COUNCIL MANHOLE TYPE C3).



PIPE DIA. mm	ROCKER PIPE EFFECTIVE LENGTH mm
100 - 300	600