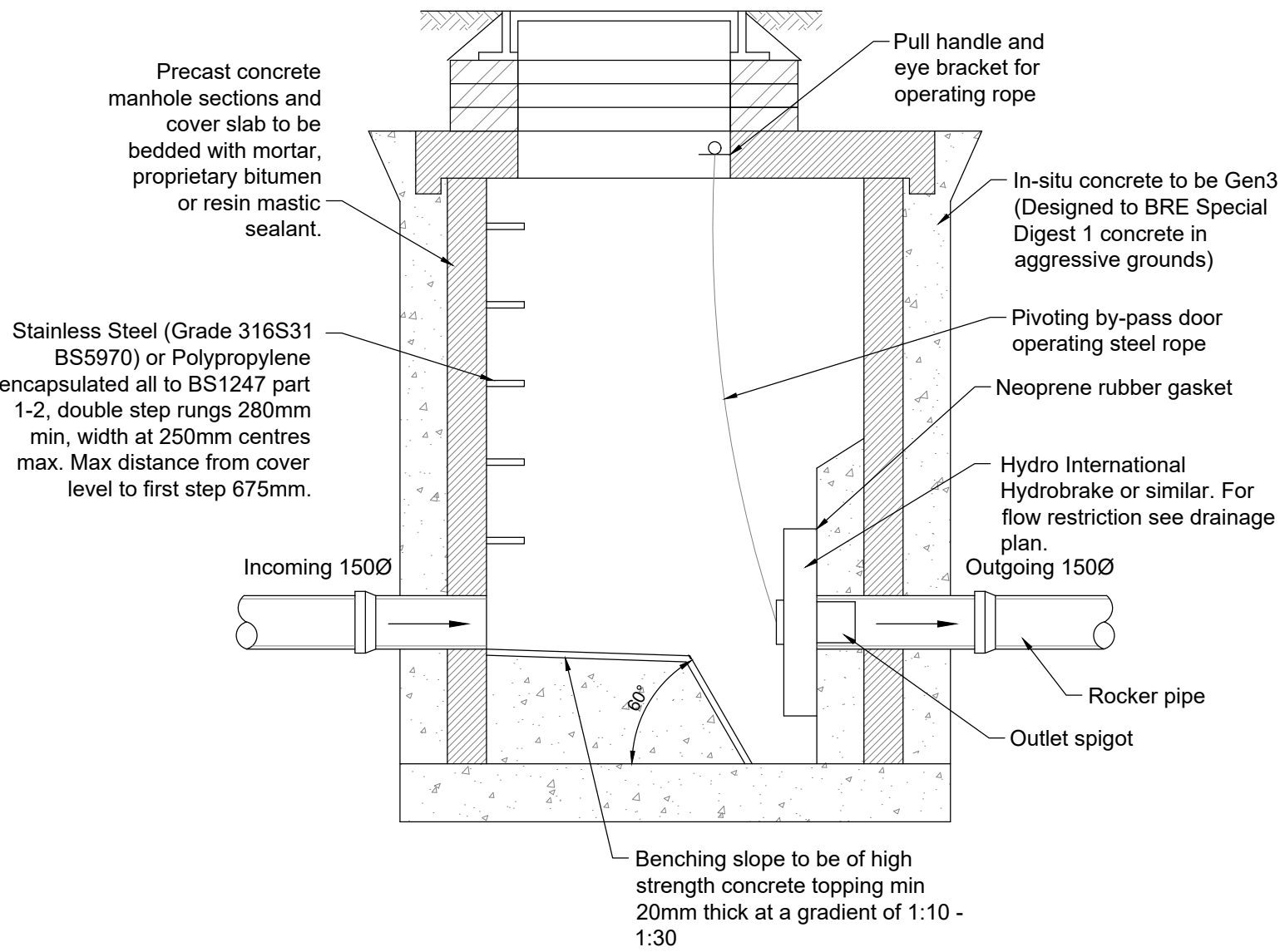
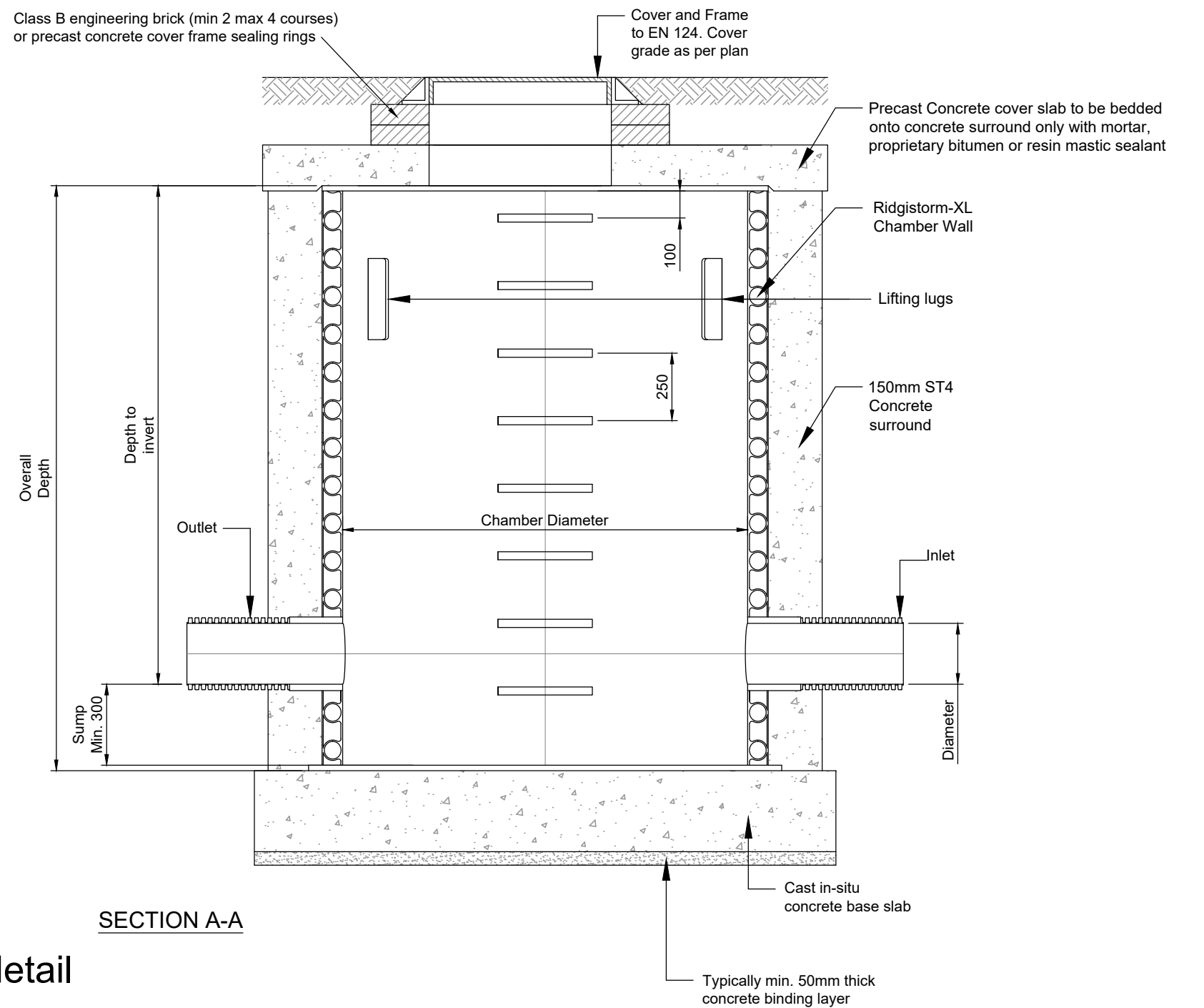




Nominal diameter (mm) DN	Effective rocker pipe length (m)
150 - 600	0.6
675 - 750	1.0
OVER 750	1.25

Diameter of largest pipe in manhole (mm) DN	Internal diameter of manhole (mm)
< 375	1200 (1050 Where Soffitt IS 1.35-1.5m)
375 - 450	1350
500 - 700	1500
750 - 900	1800
> 900	Consult undertaker

(scale 1:20)



Typical Hydrobrake Manhole detail
Chamber is to be constructed to flow control manufacturers
specific requirements

(scale 1:20)

Typical Silt trap manhole detail
Polypipe

Table 1) Typical Chamber Specification

[illegible]

1. Step rungs are only available to a depth of 3m, once this depth is exceeded ladders are typically required.
2. Ladders cannot be used in chamber diameters smaller than Ø1200mm
3. Lifting points are available in standard, extended and heavy duty forms, the correct lifting points will be chosen dependant on weight and diameter.
4. Catchpits between Ø450mm - Ø600mm will be made from Ridgidrill and cannot contain steps / ladders or lifting lugs.

(scale 1:20)

FIGURE B 23
TYPICAL INSPECTION CHAMBER DETAIL - TYPE E

Depth from cover level to soffit of pipe up to 2 m
Flexible material construction

Plastic chambers and rings shall comply with Clause E2.31

Sited in driveways/paved areas

Mortar bedding and haunching to cover and frame to Clause E6.7
150 mm deep concrete collar

Joints between base and shaft and shaft components to be fitted with watertight seals

150 mm thick bedding material to Clause E2.25

Sited in domestic gardens

Mortar bedding and haunching to cover and frame to Clause E6.7
Topsoil

Joints between base and shaft
 and shaft components to be
 fitted with watertight seals

150 mm thick bedding material to Clause E2.25

Flexible inlet/outlet
and/or bend —
(maximum angle 45°)

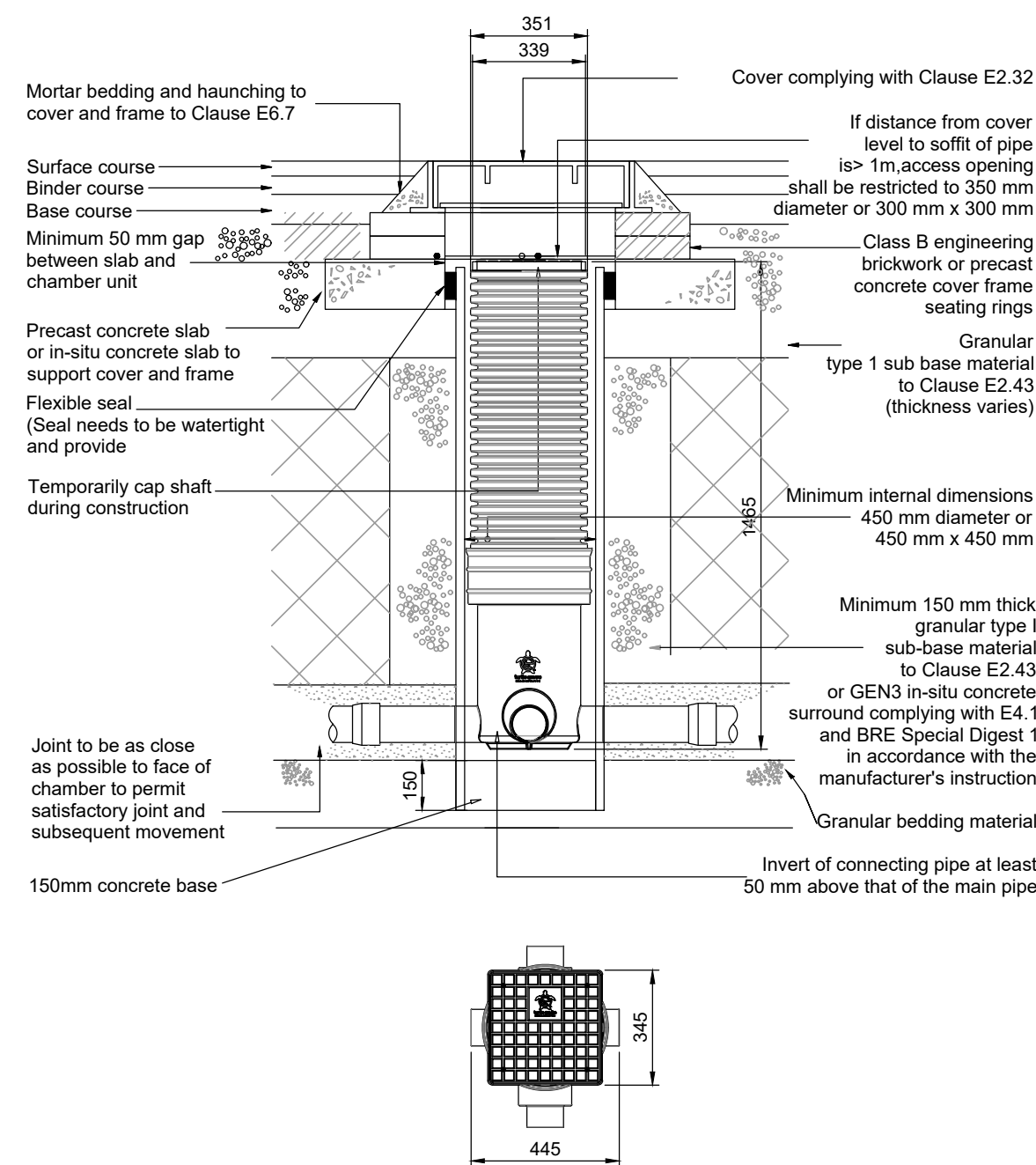
Joint to be as close as possible
to face of chamber to permit
satisfactory joint and
subsequent movement

Unused inlet to be sealed and watertight

Where chambers are positioned on 90° corners, always use the main channel by fitting a 45° bend on the inlet and outlet

Note: Where the access chamber is in the highway (including any footway) the highway Authority can have specific requirements

(not to scale)



PRODUCT CODE	MAIN INTEL&OUTLET PIPEWORKØ mm	DRAINAGE FILED OUTLETS Ø mm	OVERALL DEPTH mm	DEPTH TO INVERT mm	DEPTH TO OUTLET mm	APPROX. WEIGHT kg
ASDC300B (BASE)	110-160	3x110	604	374	579	4.5
ASDC300115SP	110-160	3x110	1465	1225	1440	13

Typical Sampling & Distribution chamber
detail by Turtle Enviro
(constructed to manufacturer specification)
(not to scale)

(not to scale)

Prefixed to drawing numbers shall signify the following:-

PL = PLANNING	Shall not be used for contract or construction purposes
P = PRELIMINARY	Shall not be used for contract or construction purposes
T = TENDER	Shall not be used for construction purposes
C = CONSTRUCTION	These are the only drawings that shall be used for construction purposes
R = RECORD	Record of actual completed work

P1	20.04.23	UPDATED TO CLIENT'S COMMENTS	MR	TZ	CS
P-	14.12.22	PRELIMINARY ISSUE	MR	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP

FOR PLANNING ONLY



CLIENT
CONTEGO SAFETY SOLUTIONS LTD

ARCHITECT PHILIPS SURVEYORS

JOB TITLE

CONTEGO SAFETY SOLUTIONS,
HURSTPIERPOINT, BN6 9LA

DRAWING TITLE

PROPOSED TYPICAL
CONSTRUCTION DETAILS, SHEET 1

DRAWN MR	ENGINEER TZ	CHECKED CS	APPROVED CS
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DATE	SCALE @ A1
DECEMBER 2022	AS SHOWN

JOB No.	STATUS	DRAWING No.	REV.
C2447	PL	200	P1