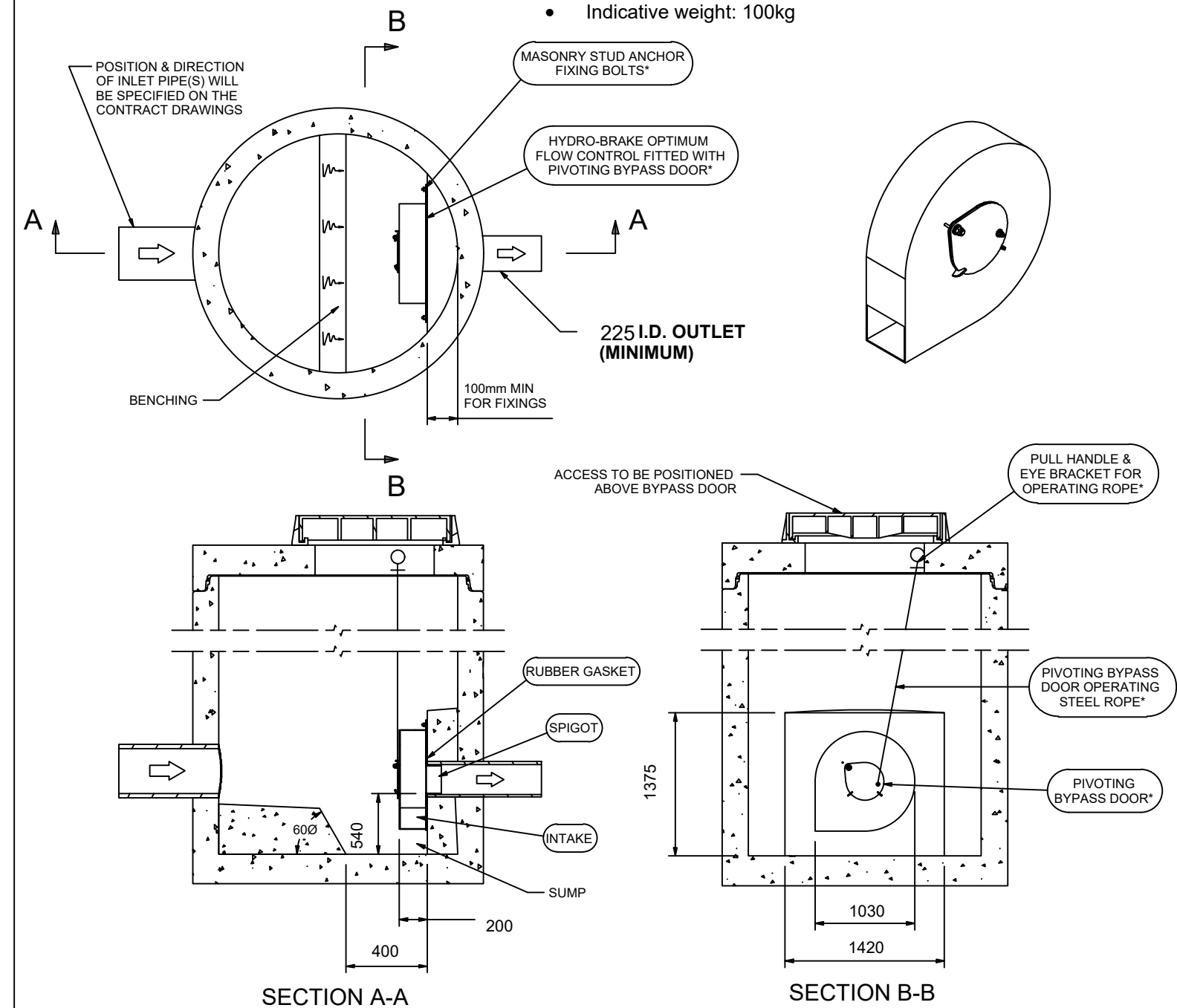
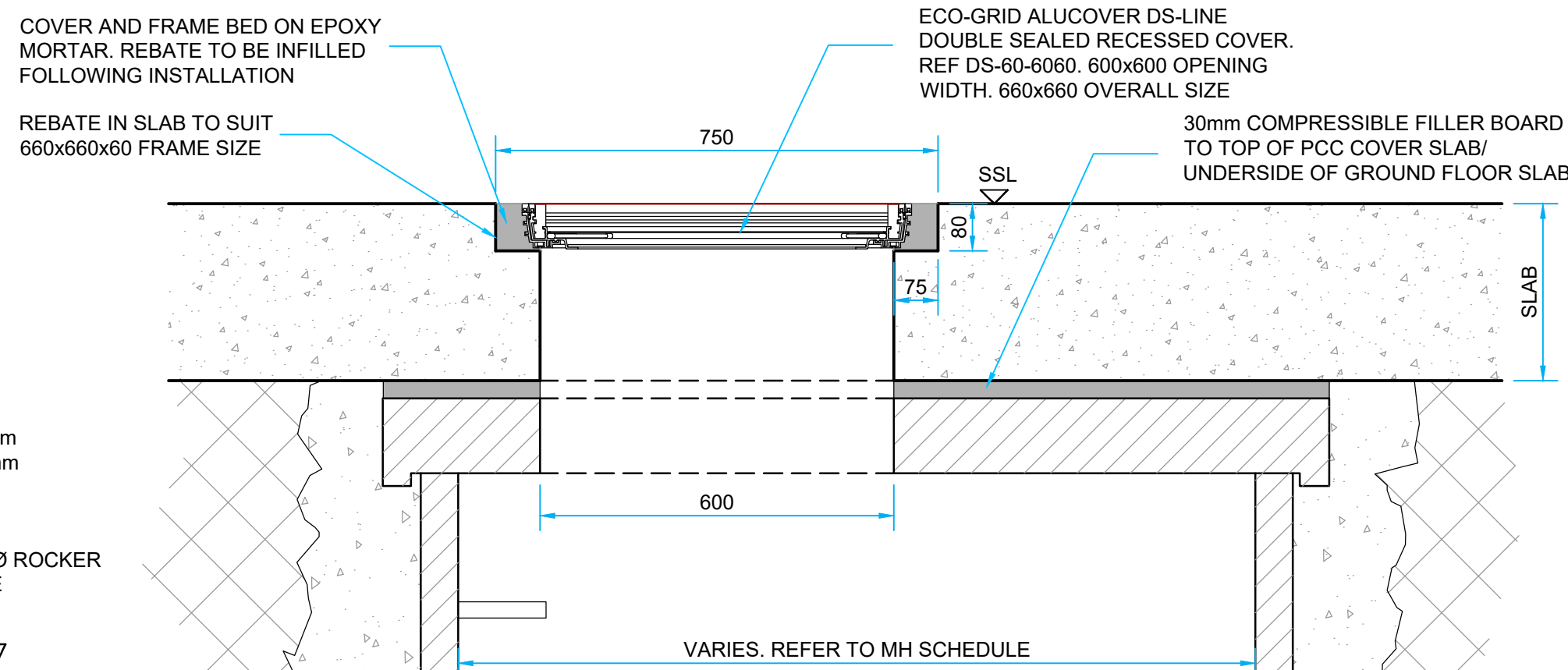
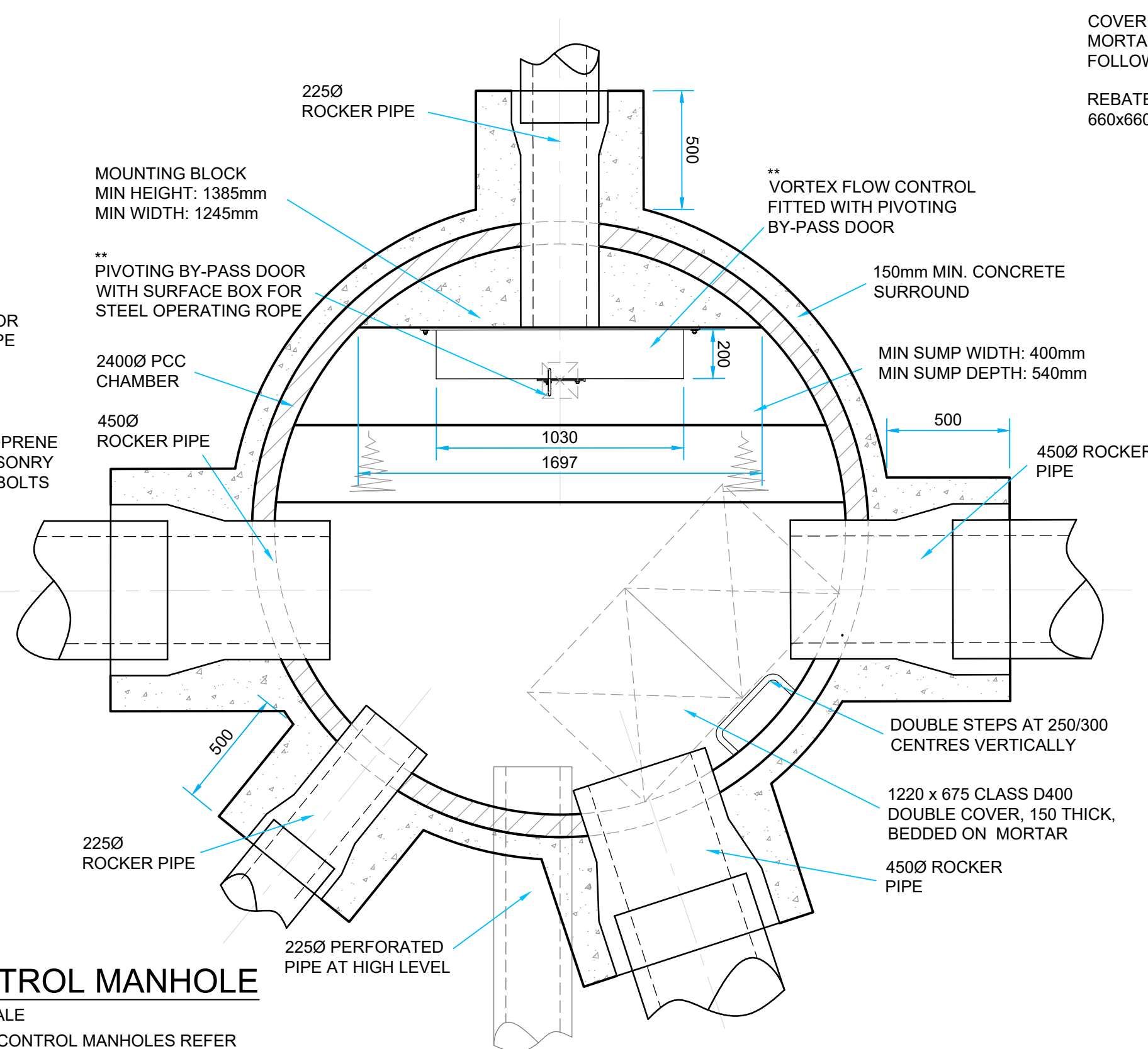


Technical Specification		
Control Point	Head (m)	Flow (l/s)
Primary Design	2.300	23.100
Flush-Flo	0.671	23.062
Kick-Flo	1.404	18.249
Mean Flow		20.146

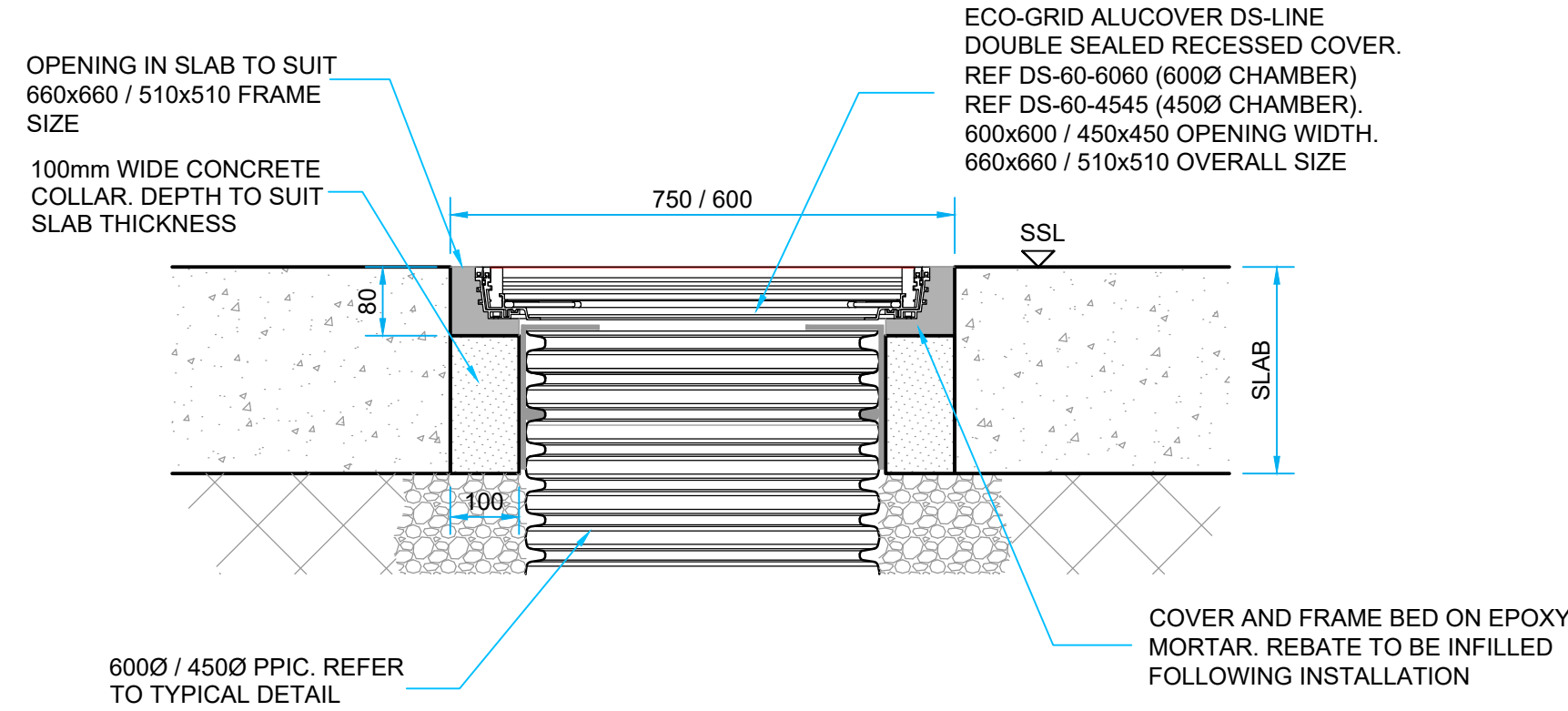
- Hydro-Brake Optimum Flow Control including:
- 5 mm grade 304L stainless steel
 - Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, c/w stainless steel operating rope
 - Beed blasted finish to maximise corrosion resistance
 - Stainless steel fixings
 - Rubber gasket to seal outlet
 - Variable flow rate post installation via adjustable inlet
 - Indicative weight: 100kg



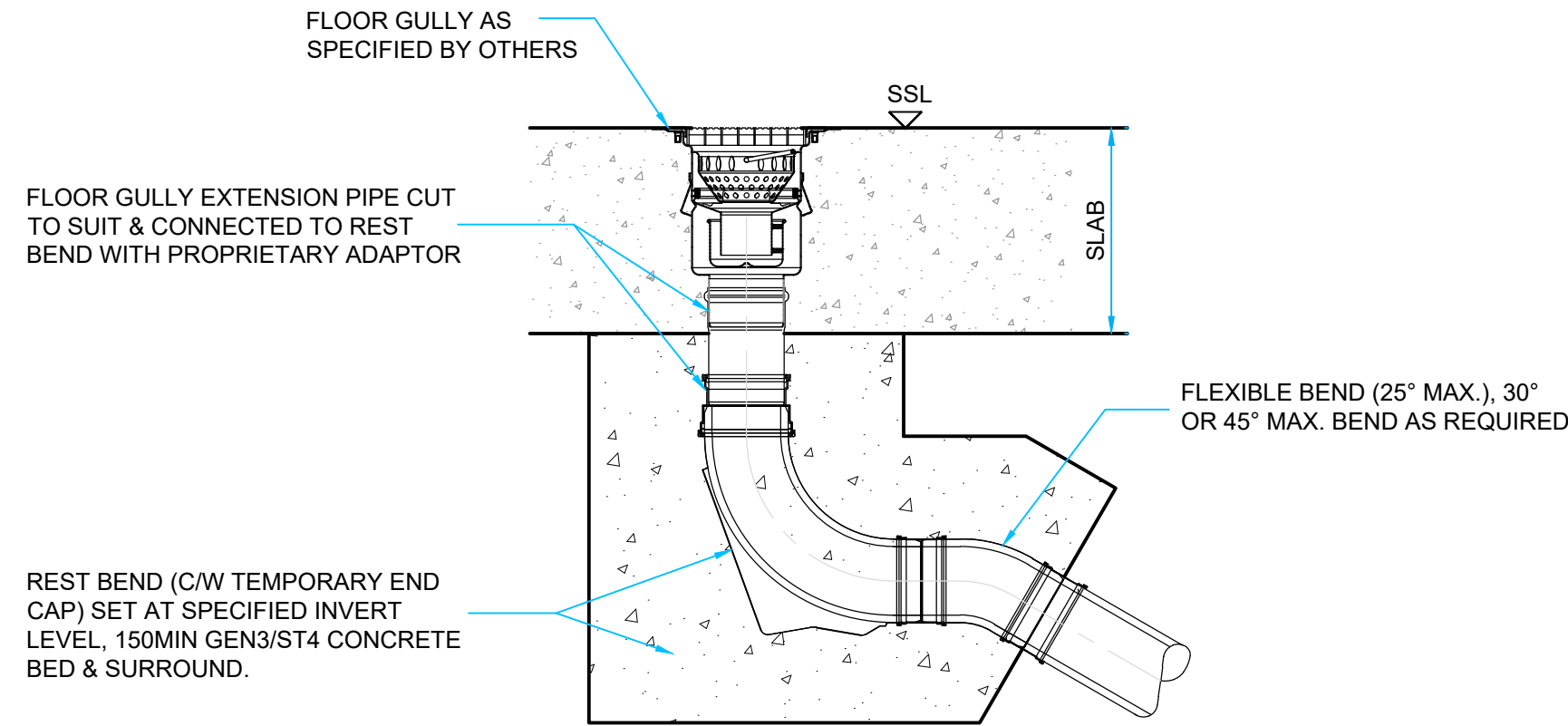
VORTEX FLOW CONTROL MANHOLE
NOT TO SCALE
FOR LOCATION OF VORTEX FLOW CONTROL MANHOLES REFER TO ROC DRAINAGE GENERAL ARRANGEMENT DRAWINGS



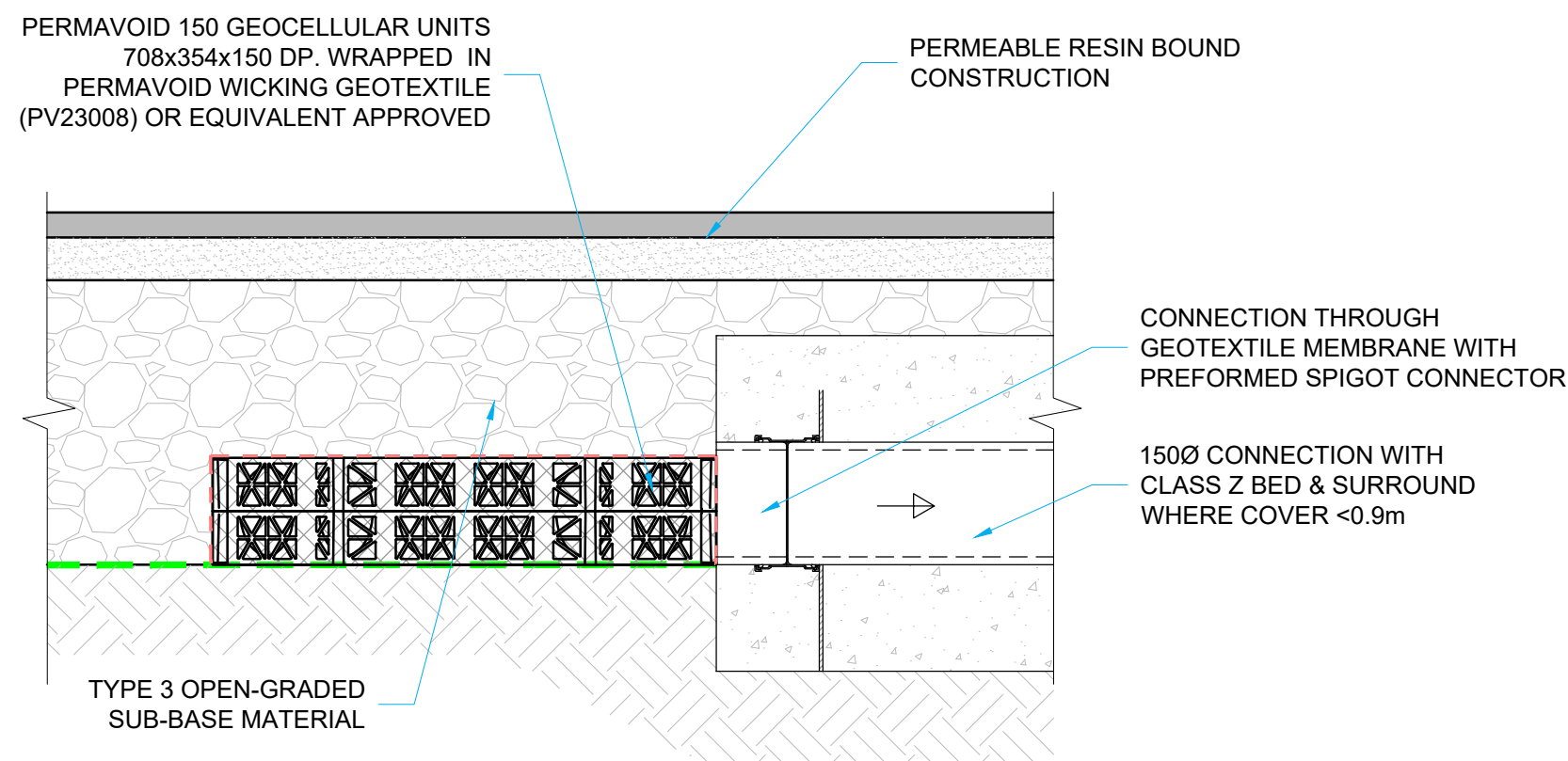
**INTERNAL MANHOLE DETAIL
TYPE A, B & C**
NOT TO SCALE
NOTE: COVER SET AT SSL. ARCHITECT TO DETAIL INTERFACE WITH PROPOSED FLOOR FINISH



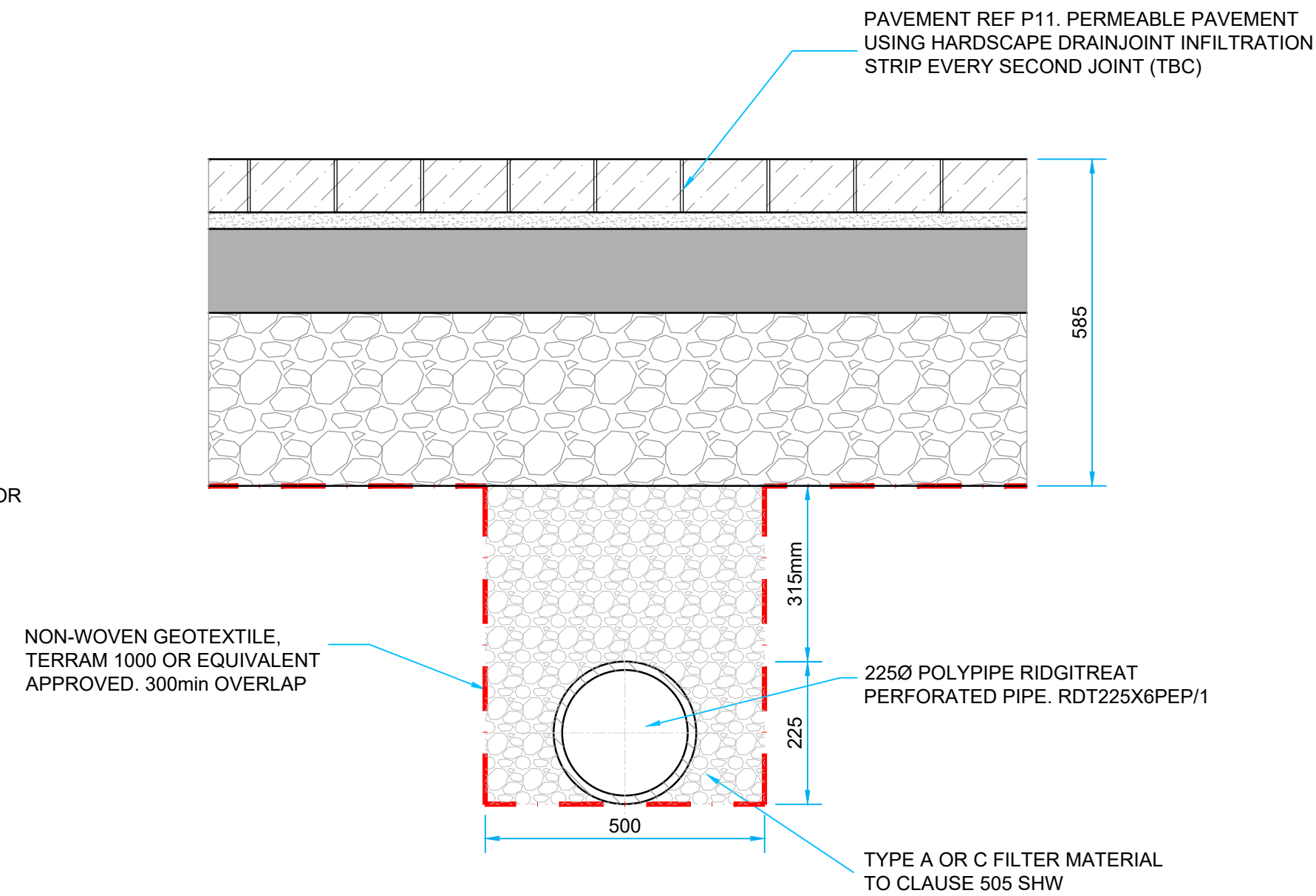
**INTERNAL MANHOLE DETAIL
TYPE D**
NOT TO SCALE
NOTE: COVER SET AT SSL. ARCHITECT TO DETAIL INTERFACE WITH PROPOSED FLOOR FINISH



**TRAPPED INTERNAL
FLOOR GULLY DETAIL**
NOT TO SCALE



TYPICAL PERMAVOID OUTLET DETAIL
SCALE - 1:10



**DULWICH STREET
PERMEABLE PAVEMENT UNDERDRAIN**
NOT TO SCALE

DESIGN ADVICE		
The head/flow characteristics of this SHE-0193-2310-2300-2310 Hydro-Brake Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.		
DATE	NT02-03 REDBANK	SHE-0193-2310-2300-2310 Hydro-Brake Optimum
SITE	Andy James	
DESIGNER	4328	
REF		

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- NOTES**
- DO NOT SCALE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
 - SHOULD THERE BE ANY DISCREPANCY BETWEEN DETAILS INDICATED ON THIS DRAWING AND THOSE INDICATED ON OTHER DRAWINGS THE ENGINEER SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.
 - ALL DIMENSIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.

P02	17.12.24	FLOW CONTROL DETAIL UPDATED	ARJ	JAS
P01	22.11.24	FIRST ISSUE	ARJ	JAS
REV	DATE	DETAILS	DRN	CHK

DRAWING STATUS
PRELIMINARY

RIBA STAGE
STAGE 4

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Commercial Wharf
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Manchester M15 4PZ
T 0161 214 5390
W roccoconsulting.com

DRAWN	DATE	SCALES
ARJ	NOV 24	AS SHOWN
CHECKED	DATE	THE ABOVE SCALES APPLY WHEN PLOTTED AT 1:1 SCALE -DO NOT SCALE-
FAW	NOV 24	
APPRVD.	DATE	EMAIL FOR DRAWINGS
JAS	NOV 24	info@roccoconsulting.com

CLIENT
**FAR EAST CONSORTIUM
INTERNATIONAL LTD**
PROJECT TITLE
REDBANK DEVELOPMENT

DRAWING TITLE FW & SW DRAINAGE CONSTRUCTION DETAILS SHEET 3	
DRAWING No. RDB/ROC/2B/XX/DR/C/83/0503	REV. P02
4328	

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