

COVER AND FRAME TO BE BEDDED ON MORTAR.
COVER TO BE MINIMUM 675 X 675.
CHECK SIZE OF FLOW CONTROL DEVICE
AGAINST SIZE OF OPENING

CLASS B ENGINEERING BRICKS,
MIN 2 COURSES, MAX 4 COURSES
OR PRE-CAST CONCRETE COVER
FRAME SEATING RINGS.

LADDERS TO BS 4211 (STAINLESS STEEL GRADE 316)
CLEAR DISTANCE FROM WALL TO RUNG 230MM MIN.
MAX DISTANCE FROM COVER LEVEL TO FIRST
LADDER RUNG 675MM.

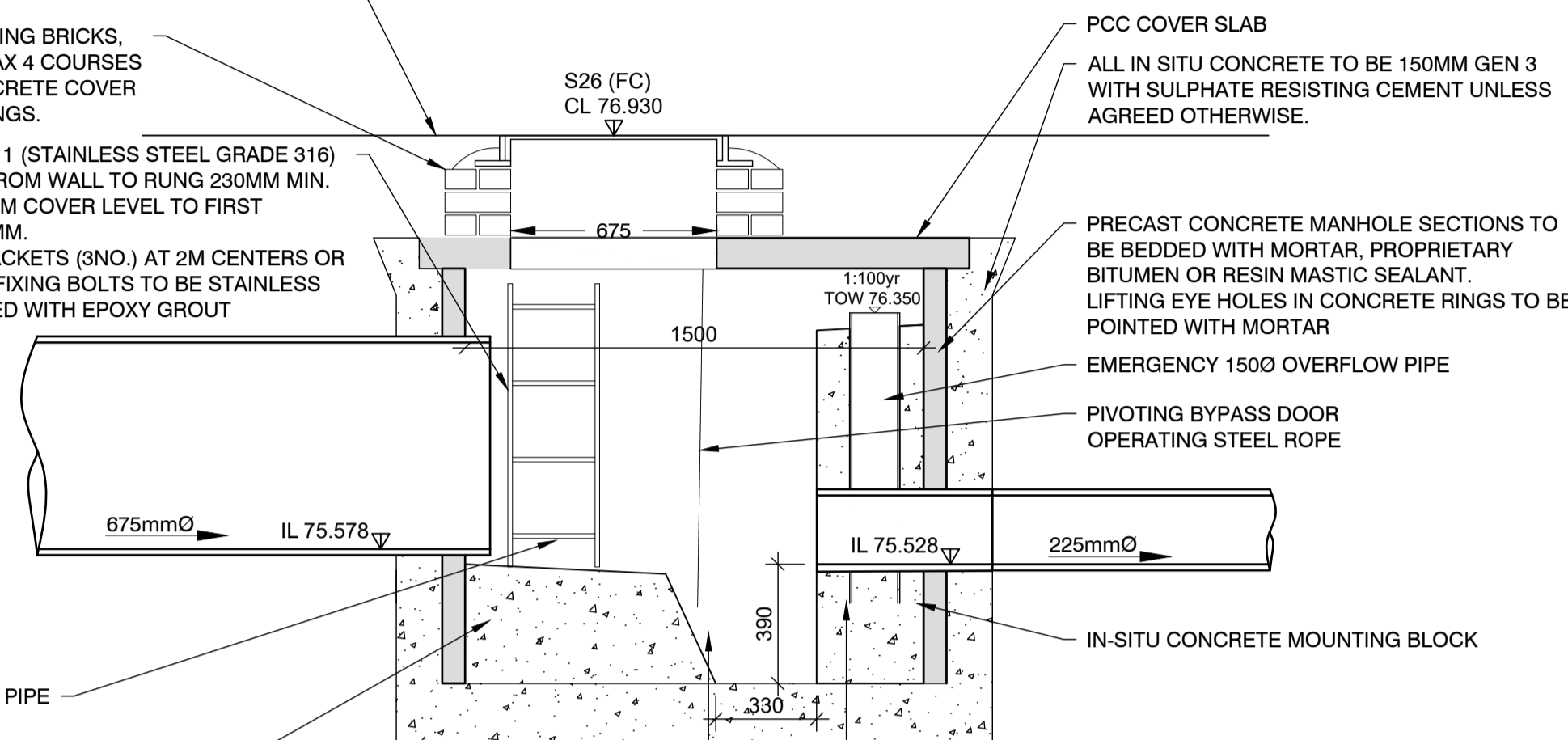
LADDER FIXING BRACKETS (3NO.) AT 2M CENTERS OR
AS REQUIRED. ALL FIXING BOLTS TO BE STAINLESS
STEEL AND SECURED WITH EPOXY GROUT

INCOMING 150mmØ PIPE
IL: 30.850

BENCHING TO BE FORMED AND
TROWELLED TO GIVE A SMOOTH
SURFACE (SLOPE TO BE 1:10 TO 1:30).

REFER TO
SHE-0157-1190-1050-1190_Design_Drawing
FOR FURTHER DETAILS

FLOW CONTROL DEVICE (FCD) WITH
NEOPRENE RUBBER GASKET SEAL



S26 - FLOW CONTROL CHAMBER
CTL-SHE-0157-1190-1050-1190
SECTION A-A
SCALE 1:20

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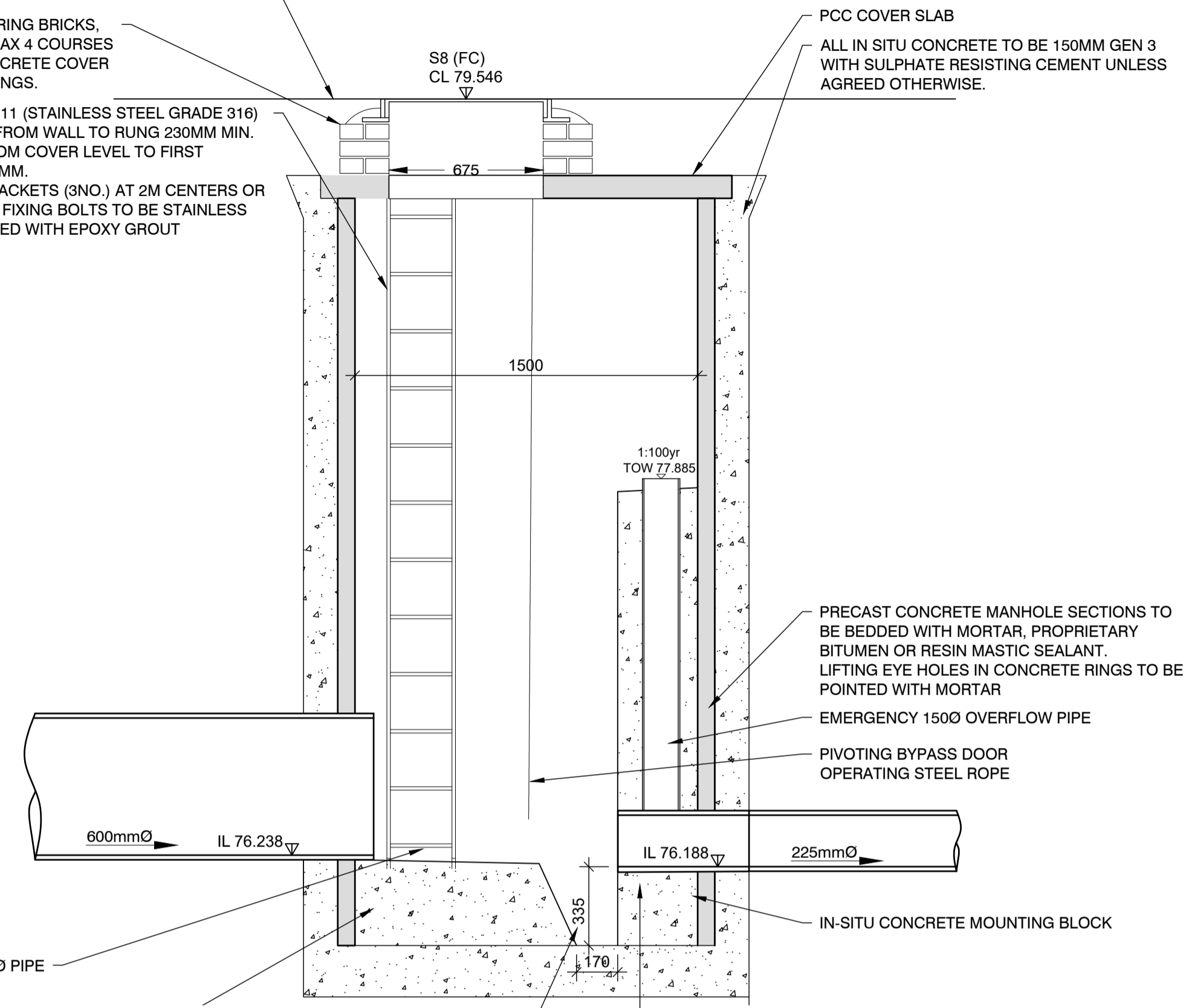
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BENCHING TO BE FORMED AND
TROWELLED TO GIVE A SMOOTH
SURFACE (SLOPE TO BE 1:10 TO 1:30).

REFER TO
CTL-SHE-0083-3500-1400-3500_Design_Drawing
FOR FURTHER DETAILS

FLOW CONTROL DEVICE (FCD) WITH
NEOPRENE RUBBER GASKET SEAL

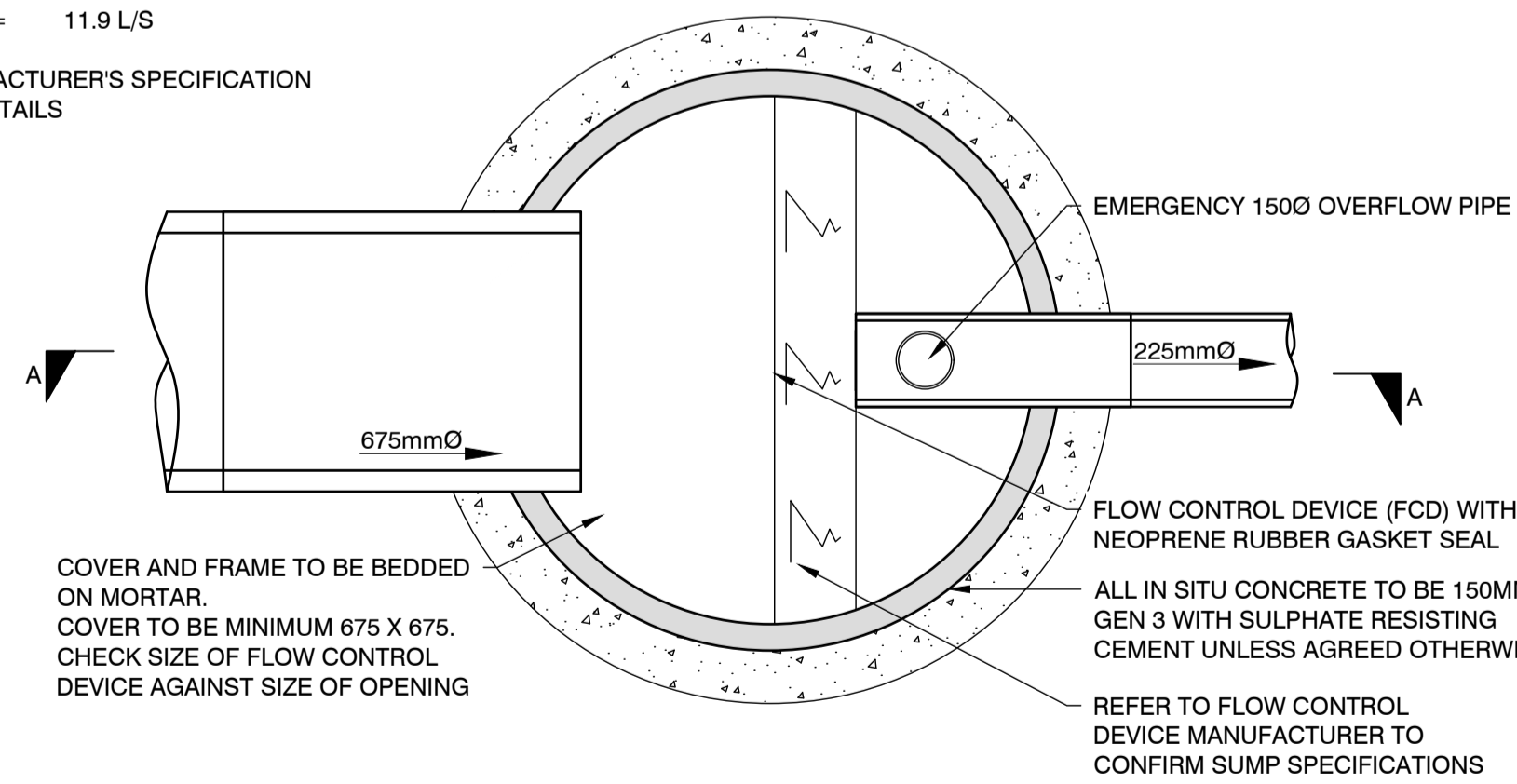


S8 - FLOW CONTROL CHAMBER
CTL-SHE-0083-3500-1700-3500
SECTION A-A
SCALE 1:20

THE USE OF ANY OTHER FLOW CONTROL WILL INVALIDATE THE DESIGN
INDICATED ON THIS DRAWING, WHICH MAY LEAD TO:
1. ADVERSE HYDRAULIC EFFECT, INCLUDING LOSS OF UPSTREAM
STORAGE EFFICIENCY AND INCREASED POTENTIAL FOR FLOODING.
2. DIFFERENT CHAMBER DIMENSION AND CONSTRUCTION
REQUIREMENTS.

FLOW CONTROL DEVICE DETAILS
DEVICE = CTL-SHE-0157-1190-1050-1190
DESIGN HEAD = 1050MM
MAX DISCHARGE = 11.9 L/S

REFER TO MANUFACTURER'S SPECIFICATION
FOR FURTHER DETAILS

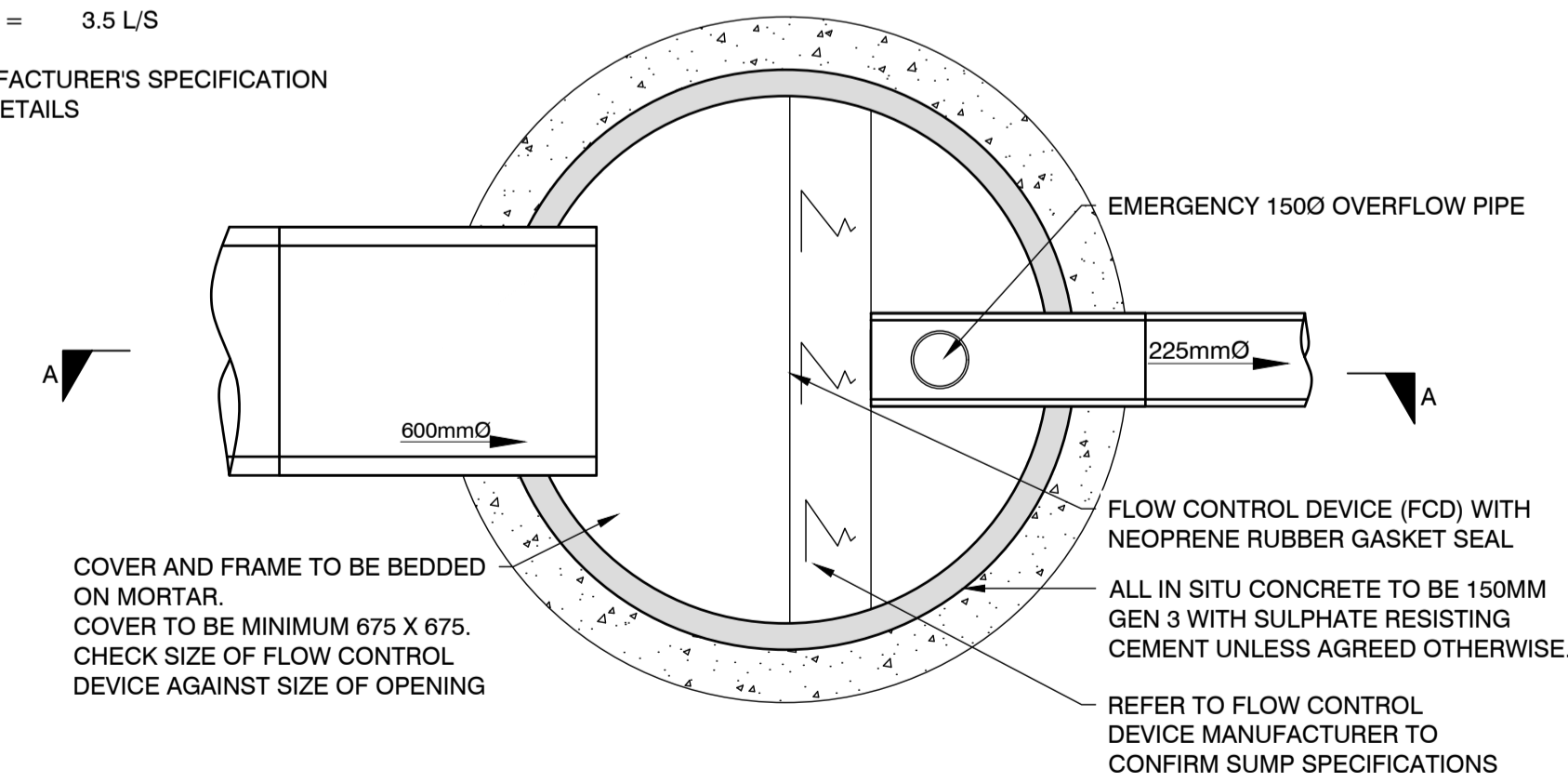


FC2 - FLOW CONTROL CHAMBER - PLAN
CTL-SHE-0157-1190-1050-1190
SCALE 1:20

THE USE OF ANY OTHER FLOW CONTROL WILL INVALIDATE THE DESIGN
INDICATED ON THIS DRAWING, WHICH MAY LEAD TO:
1. ADVERSE HYDRAULIC EFFECT, INCLUDING LOSS OF UPSTREAM
STORAGE EFFICIENCY AND INCREASED POTENTIAL FOR FLOODING.
2. DIFFERENT CHAMBER DIMENSION AND CONSTRUCTION
REQUIREMENTS.

FLOW CONTROL DEVICE DETAILS
DEVICE = CTL-SHE-0083-3500-1700-3500
DESIGN HEAD = 1700MM
MAX DISCHARGE = 3.5 L/S

REFER TO MANUFACTURER'S SPECIFICATION
FOR FURTHER DETAILS



FC1 - FLOW CONTROL CHAMBER - PLAN
CTL-SHE-0083-3500-1700-3500
SCALE 1:20

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH
ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING AND ARCHITECT'S DETAILS.
 - THE DESIGN DETAILS PRESENTED MUST BE REVIEWED IN CONJUNCTION WITH THE WIDER SITE INFORMATION AND SITE CONSTRAINTS WHICH MAY NOT BE EVIDENT ON DRAWING AND MUST BE REQUESTED IF NOT ALREADY PROVIDED. THIS INCLUDES, BUT NOT LIMITED TO, GROUND CONDITIONS (GEOTECHNICAL AND GEO-ENVIRONMENTAL), GROUNDWATER LEVELS, BURIED SERVICES, REMNANT OBSTRUCTIONS, ECOLOGY, TREE PROTECTION AND TOPOGRAPHY.
 - THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, IN WRITING, SHOULD ANY ERRORS OR DISCREPANCIES BE FOUND PRIOR TO THE COMMENCEMENT OR CONTINUATION OF ANY WORKS.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND NHBC STANDARDS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, INCLUDING FULL LIAISON WITH THE CDM CO-ORDINATOR, WITHIN HIS RATES.
 - ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
 - BEFORE WORK COMMENCES CONTRACTOR SHOULD CONSULT THE ENGINEER AND THE SI REPORT REGARDING ANY CONTAMINATION ISSUES. ALL NECESSARY HEALTH AND SAFETY MEASURES TO BE TAKEN.
 - THE DETAILS PROVIDED ARE IN LINE WITH DESIGN AND CONSTRUCTION GUIDANCE FOR FOUL AND SURFACE WATER SEWERS OFFERED FOR ADOPTION UNDER THE CODE FOR ADOPTION AGREEMENTS FOR WATER AND SEWERAGE COMPANIES OPERATING WHOLLY OR MAINLY IN ENGLAND ("THE CODE") APPROVED VERSION 2.1 - 25 MAY 2021

PO2	06.03.26	SP	ISSUED FOR TECHNICAL APPROVAL	AC	RJ
PO1	06.11.25	AC	TENDER DRAWING	RJ	RJ
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD
STATUS DESCRIPTION					STATUS
FOR TECHNICAL APPROVAL					S4



PROJECT					
WOOLLEY COLLIERY					
DRAWING TITLE					
S104 FLOW CONTROL DETAILS					
CLIENT					
MJ GLEESON					
HBL REF.	DATE	SCALE(S)			
10701	29.09.25	1:20	A1		
DRAWN	CHECKED	APPROVED			
AC	RJ	RJ		RJ	
DRAWING No.					REV.
10701-HBL-XX-XX-DR-C-5523					P02