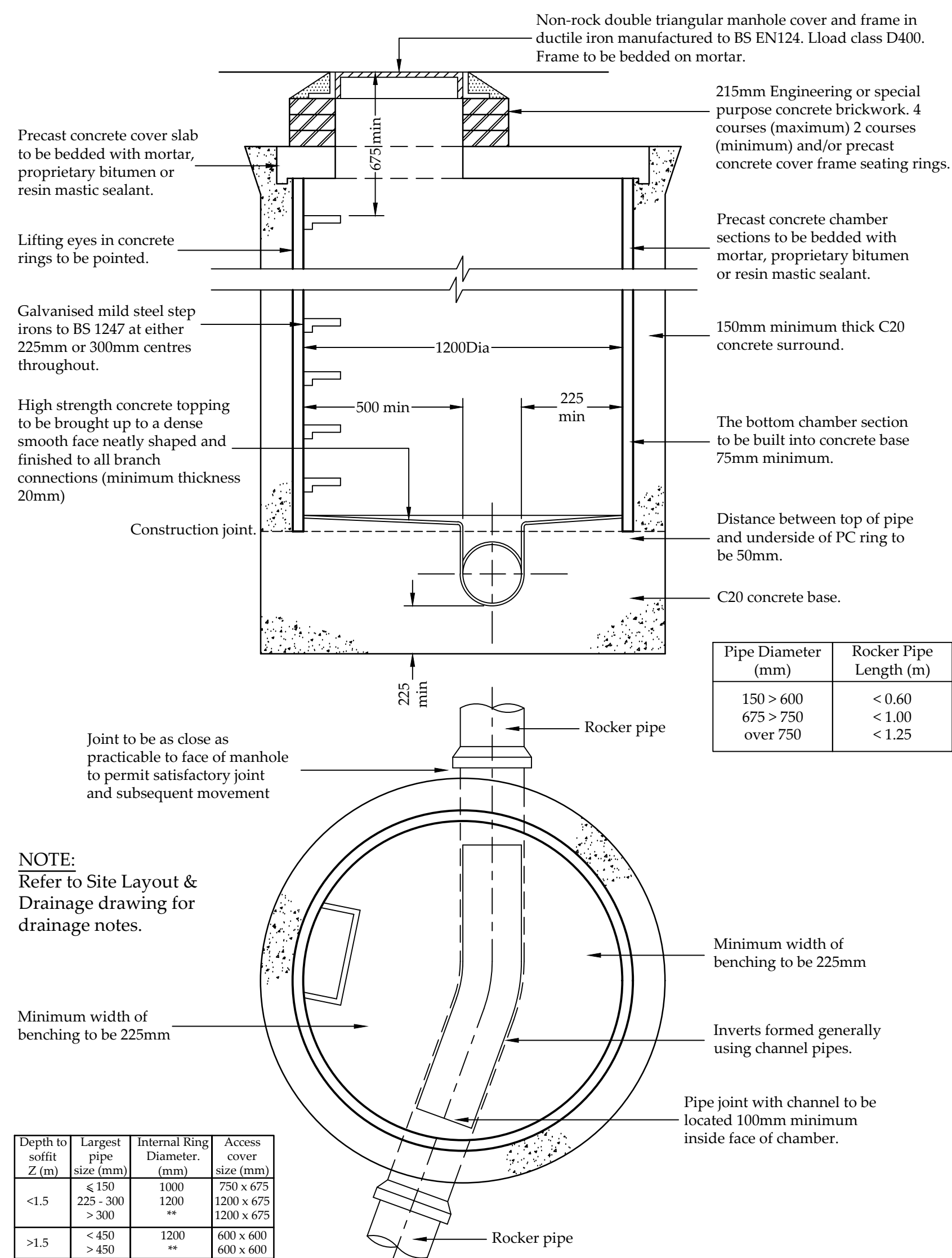
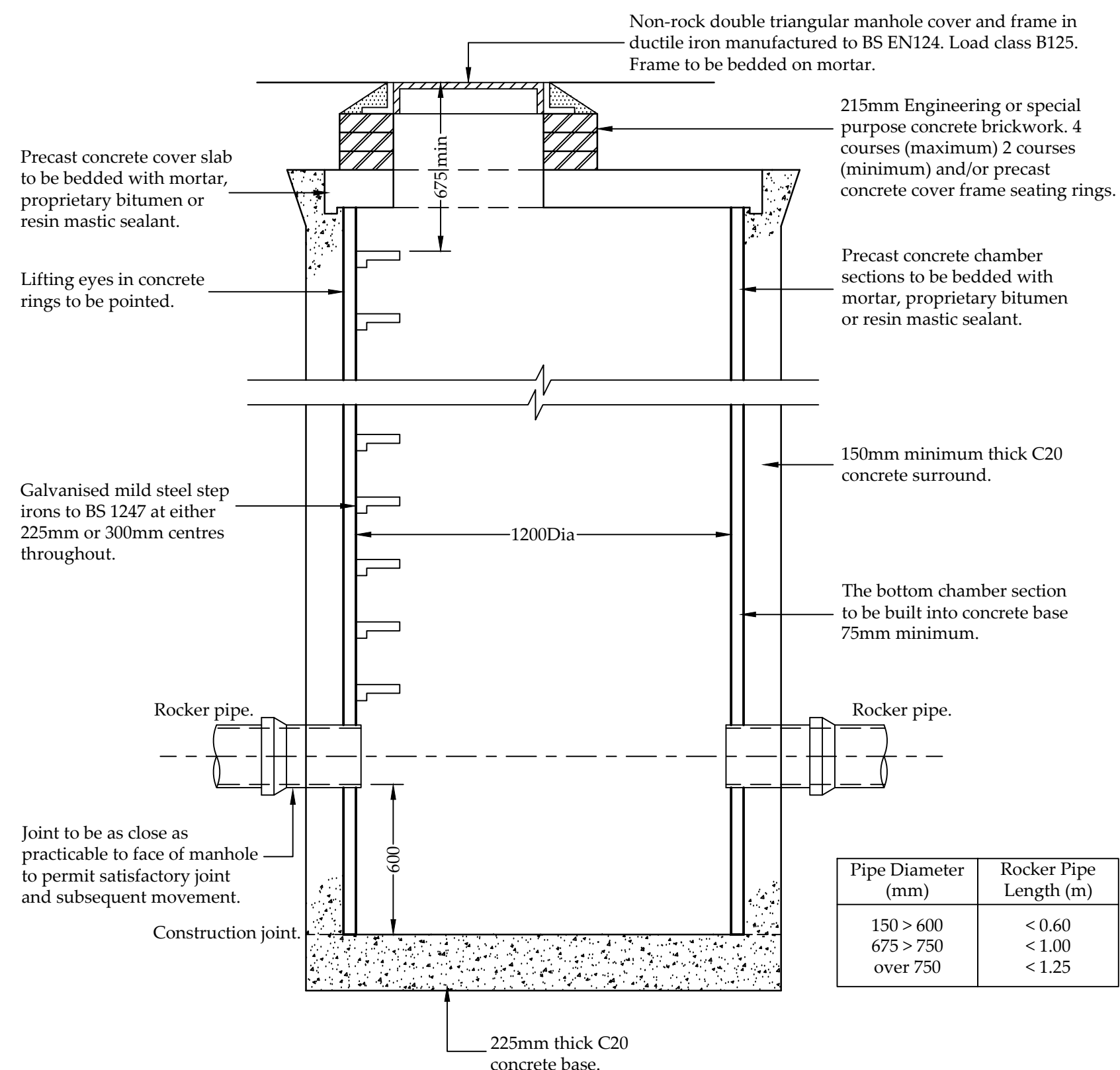




Pipe Diameter (mm)	Rocker Pipe Length (m)
150 > 600	< 0.60
675 > 750	< 1.00
over 750	< 1.25

Pipe Diameter (mm)	Rocker Pipe Length (m)
150 > 600	< 0.60
675 > 750	< 1.00
over 750	< 1.25

Depth to soffit Z (m)	Largest pipe size (mm)	Internal Ring Diameter. (mm)	Access cover size (mm)
<1.5	≤ 150 225 - 300 > 300	1000 1200 **	750 x 675 1200 x 675 1200 x 675
>1.5	< 450 > 450	1200 **	600 x 600 600 x 600

Note: **
Refer to Manhole schedule

PC Ring Catchpit Manhole Detail S1 & S2

PC Ring Foul Manhole Detail F10

- ### PRIVATE DRAINAGE NOTES
- 3.1 All private drainage works to be in accordance with Part H of the current Building Regulations and BS 8301.
 - 3.2 All private drainage to be either:-
PVCu to BS EN 1401-1 (BS 4660/5481) by Osmo, Marley or similar.
OR
Vitrified Clayware to BS 65 and BS EN 295.
OR
Concrete to BS 5911 and flexibly jointed.
 - 3.3 The drainage design shown on this drawing has been based upon a PVCu drainage system.
 - 3.4 All private drainage to be 100mm diameter unless noted otherwise. Gully laterals to be sized to suit gully outlets. Connections to public sewers to be 150mm dia unless noted otherwise.
 - 3.5 Foundations adjacent to drain runs are to be constructed so that the difference between the formation level of the foundation and invert level of any drain must not exceed the horizontal distance minus 500mm.
 - 3.6 Where foul and surface water sewers cross and there is less than 100mm clearance short lengths of both runs are to be encased in concrete.
 - 3.7 All RWP, SVP and foul drainage positions are to be confirmed by the Architect.
 - 3.8 Where RWP's are connected direct to drain, rodding access plates are to be provided.

Notes:

- 1.1 Do not scale from this drawing.
- 1.2 All dimensions are in m unless otherwise specified.
- 1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
- 1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.
- 1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.
- 1.6 This drawing is based upon the survey by KND Surveys Ltd, reference E 12 22 dated 31st May 2022 provided in digital format.
- 1.7 Levels are related to previous KND Surveys Drawing (A0515-T).
- 1.8 The grid relates to a local datum.
- 1.9 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.
- 1.10 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-1.
- 1.11 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.
- 1.12 All adoptable highway works to be in accordance with the Local Authorities Specifications.
- 1.13 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
- 1.14 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/Hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4.

CDM REGULATIONS 2015

Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.

RISKS RELATING TO THIS DRAWING:

RISK NUMBERS 4 - 6 on Risk Register

NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

Drawing Status	PRELIMINARY ISSUE	
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REV.	DATE	DESCRIPTION	CHK	APPROV.

Aventus Design Ltd
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Client: **Sonning Golf Club**

Site: Sonning Golf Club,
Duffield Road, Sonning
RG4 6GJ

Title: Carpark Drainage Details 2 of 2

Drawing no. H1515 - 438

Issue:	Scale: 1:20 @ A1		Checked: PP	Date: Sept '25
-	Dwn: C.U.	Date: Sept '25	Approv: SU	Date: Sept '25