

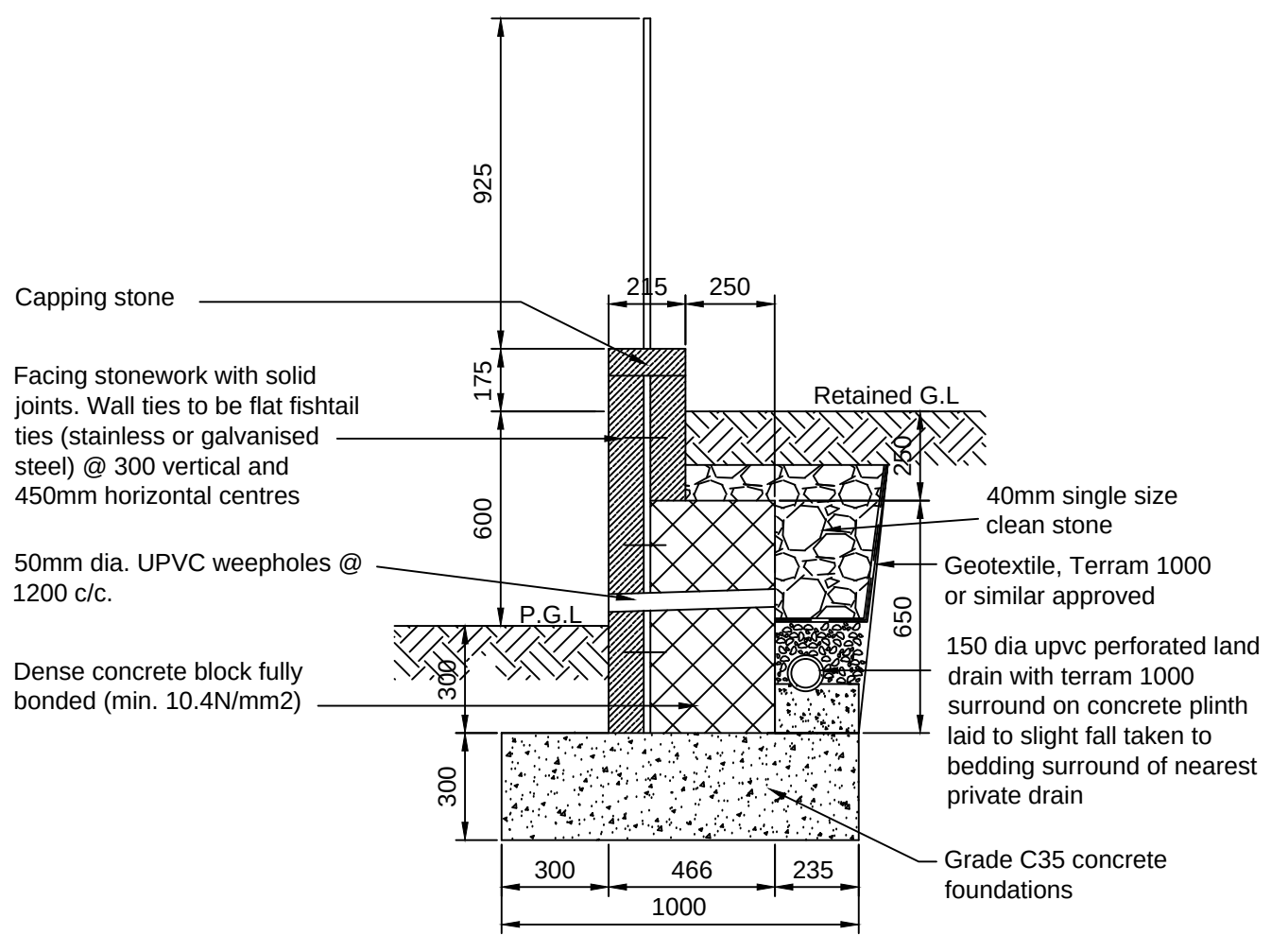
ALL RETAINING WALLS HAVE BEEN
DESIGNED TO ACCOMMODATE UP
TO A 10kN/m² SURCHARGE

1. This drawing is copyright
2. Do not scale from this drawing, work to figured dimensions only.
3. Any soft spots to be removed and back filled with C20 (ST2) concrete if under foundations of retaining walls
4. Compressive strength of masonry to be 10.4 N/mm², dense block to BS EN772-1. Net dry density to be 16kN/m³
5. Mortar mix to be Type (ii) mortar to BS 5628-3, with flush pointing
6. Allowable ground bearing pressure assumed for design is 75kN/m²
7. Backfill to walls to be 6N material in accordance with BD 30/87 and Clause 610 of the MCHW.
8. Stonework facing to be frost resistant in line with the requirements of standard EN-12371.

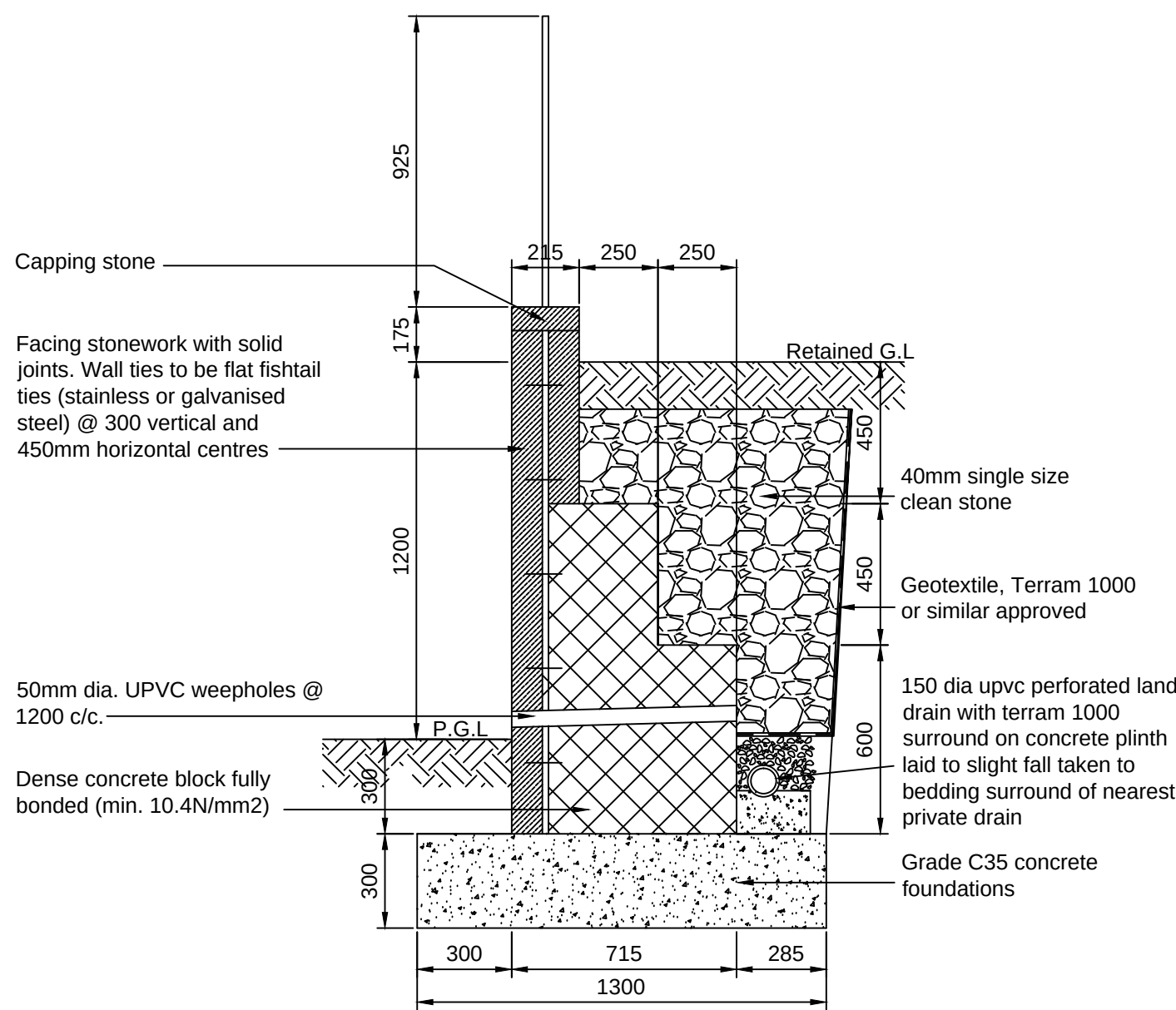
9. CONCRETE SPECIFICATION:-

Concrete Classification :- DS-1, AC-1

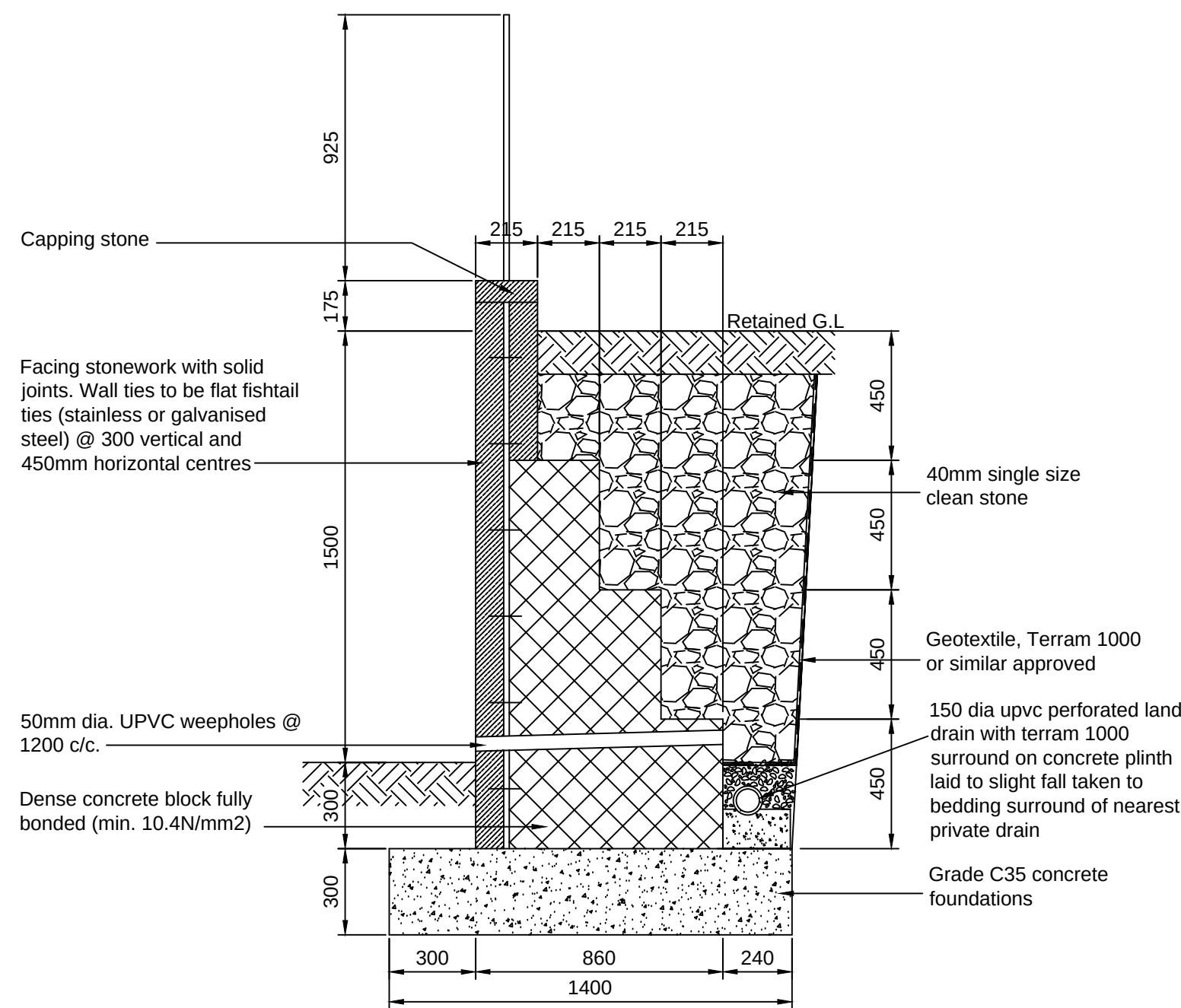
- a. Grade RC35 concrete (reinforced)
- b. Minimum cement content 330kg/m³
- c. Nominal aggregate size of 20mm
- d. Maximum free water/cement ratio of 0.6
- e. A393 mesh top and bottom, 40mm cover
- f. Minimum lap to mesh to be 450mm



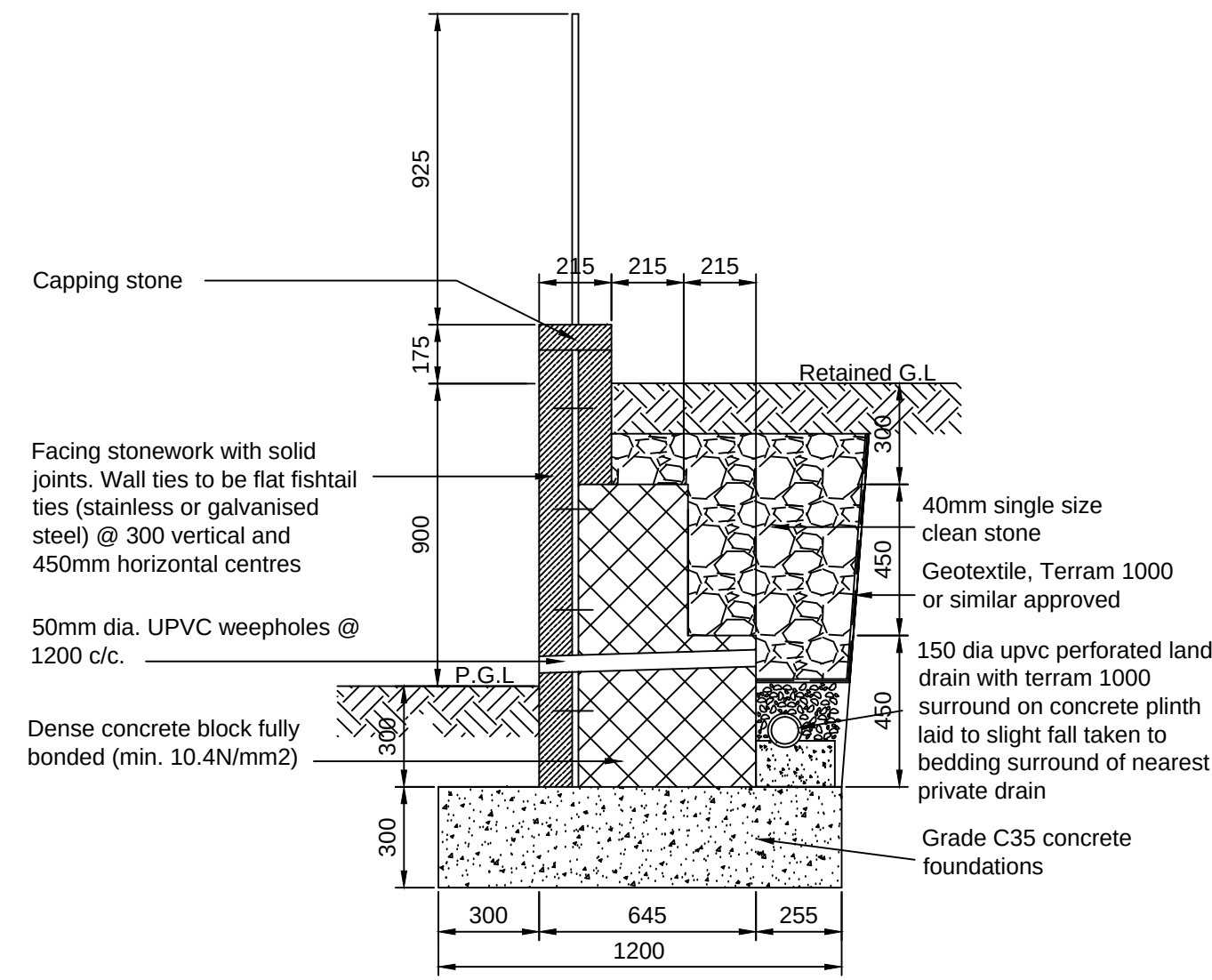
RETAINING WALL UP TO 600mm



RETAINING WALL UPTO 1200mm



RETAINING WALL UPTO 1500mm



RETAINING WALL UP TO 900mm

RETAINING WALLS AS DRAWN CAN
ACCOMMODATE A MASONRY
PARAPET UP TO 300mm HIGH PLUS
FENCING, RAILINGS

Retaining Walls with Land Drain

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rev date description

by

Status:

INFORMATION

Drawn: G McE

Checked: G McE

Date: April 2020

Scale: 1:20 (A1)

Client: Jehu Project Services

Project: Coed Darcy, Phase2

Title: Retaining Walls Details

Ref: 2432-910

Rev: /

spring
design

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