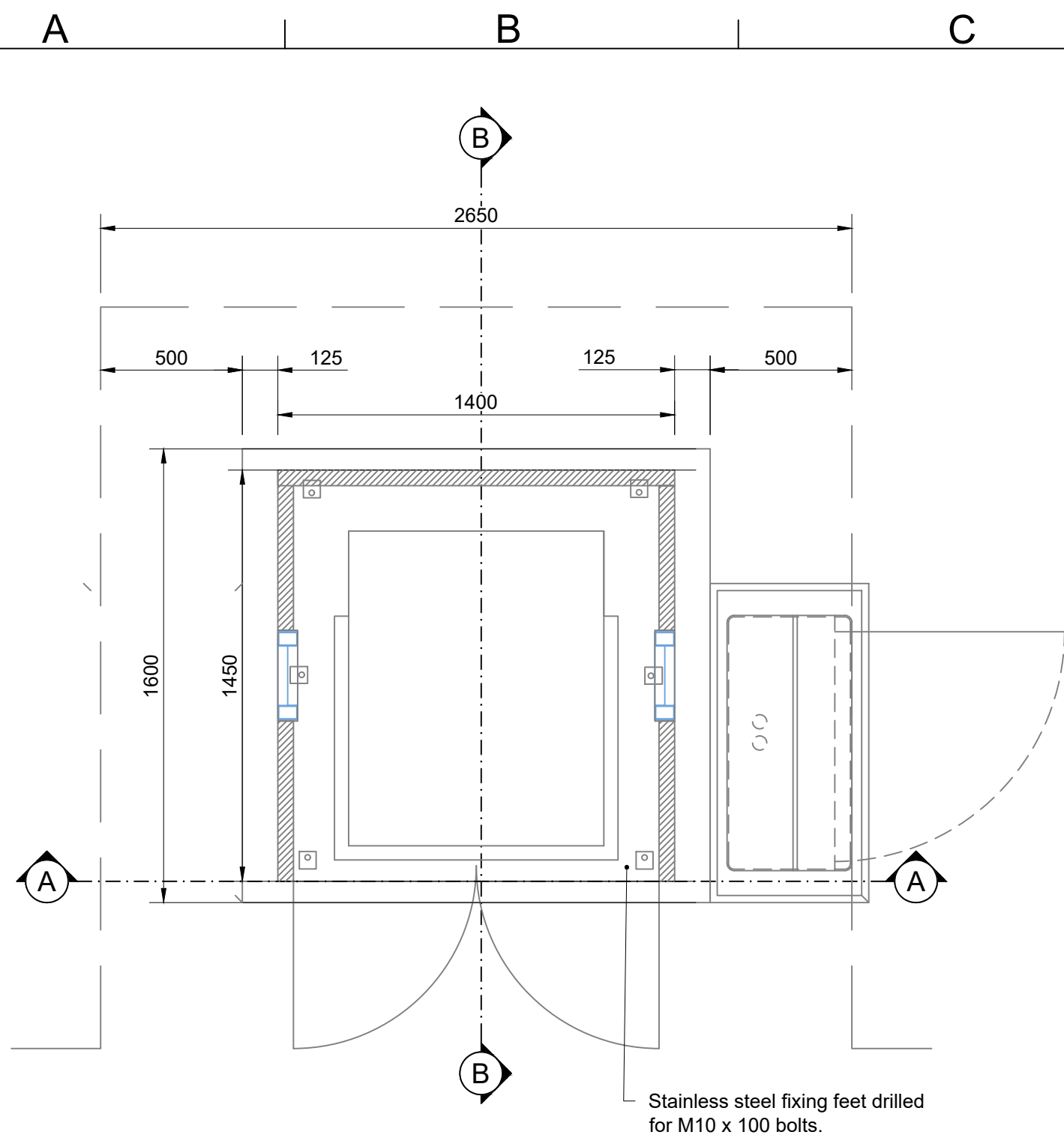
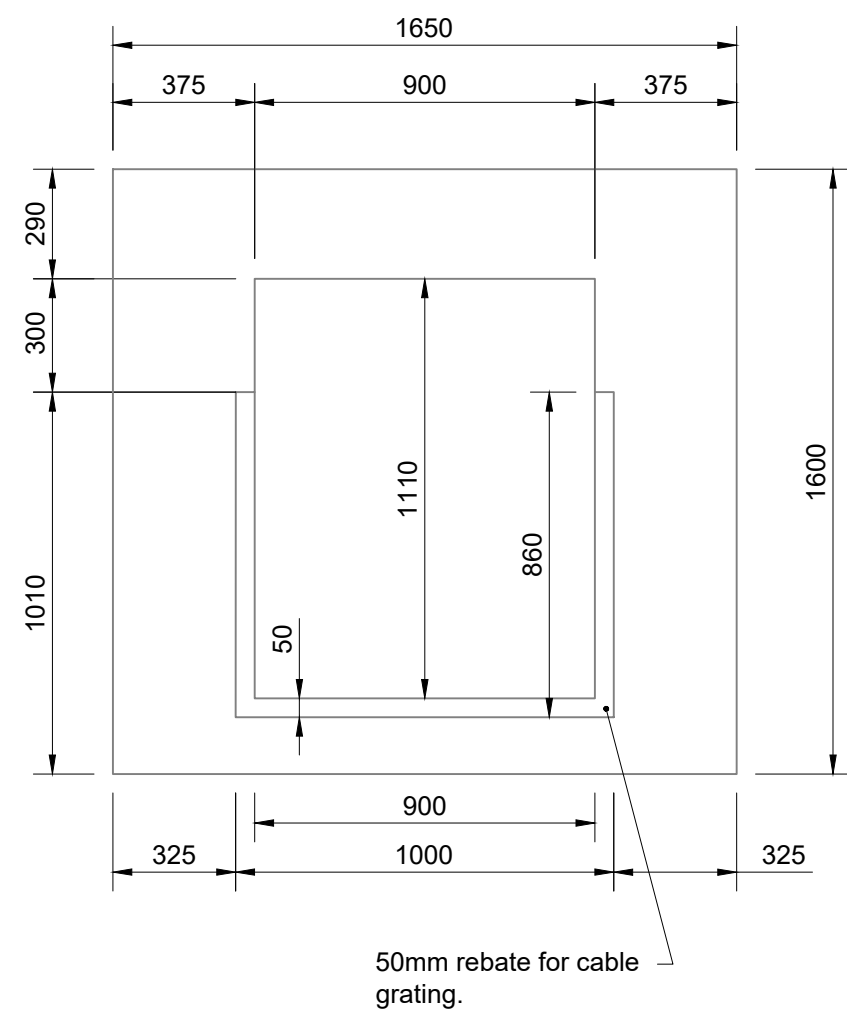
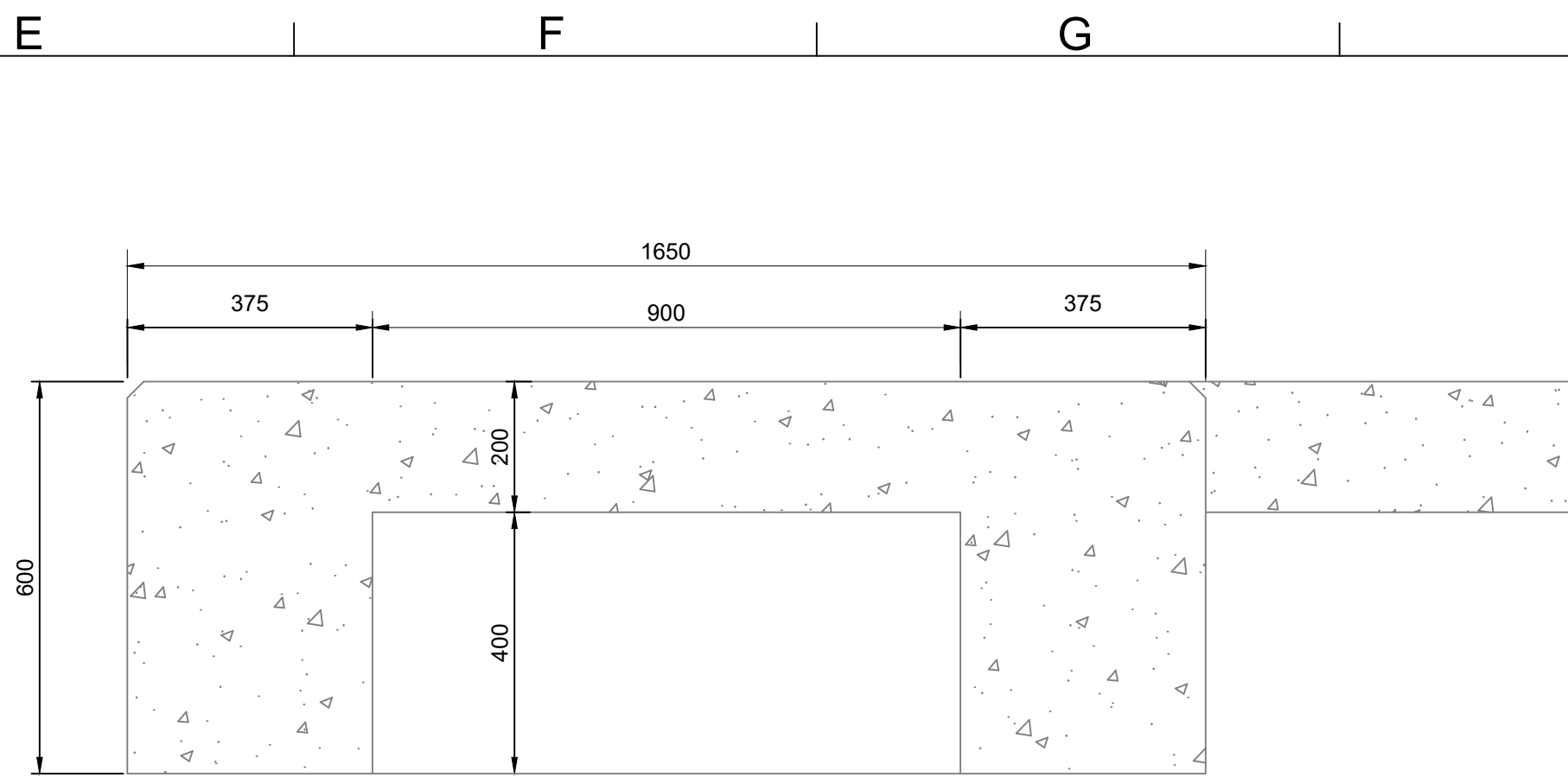




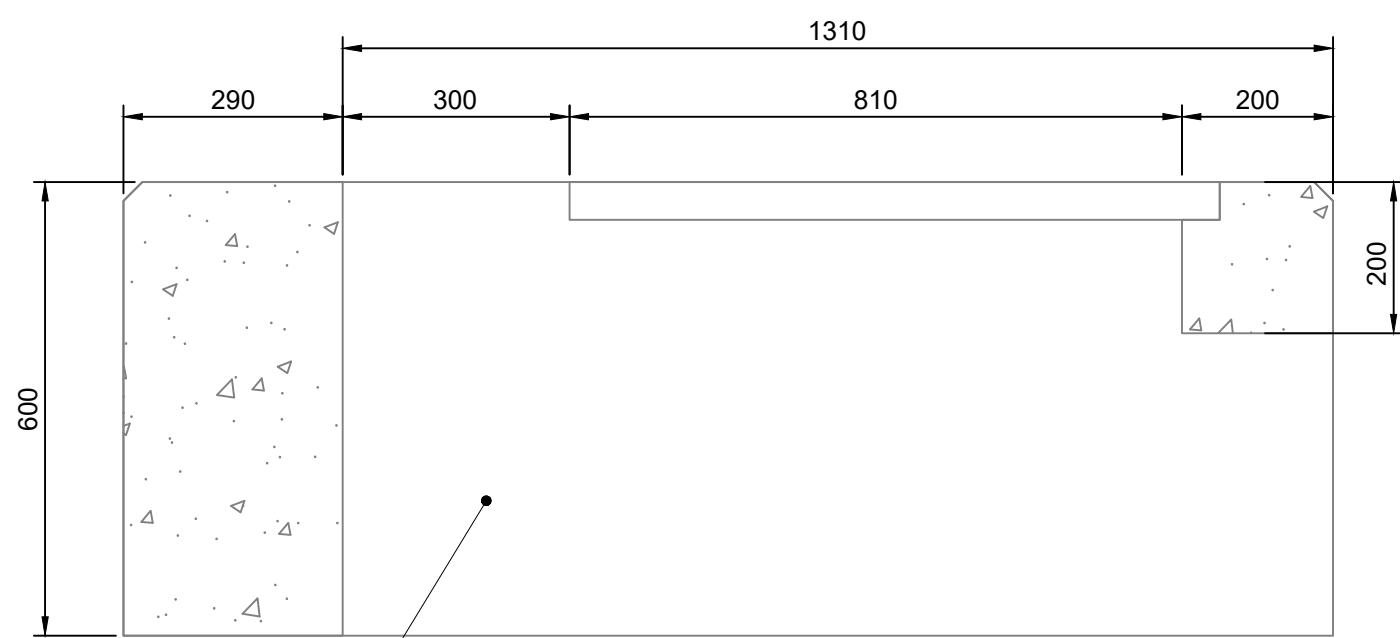
General Arrangement
(Scale 1:20)



Setting Out Dimension Plan
(Scale 1:20)

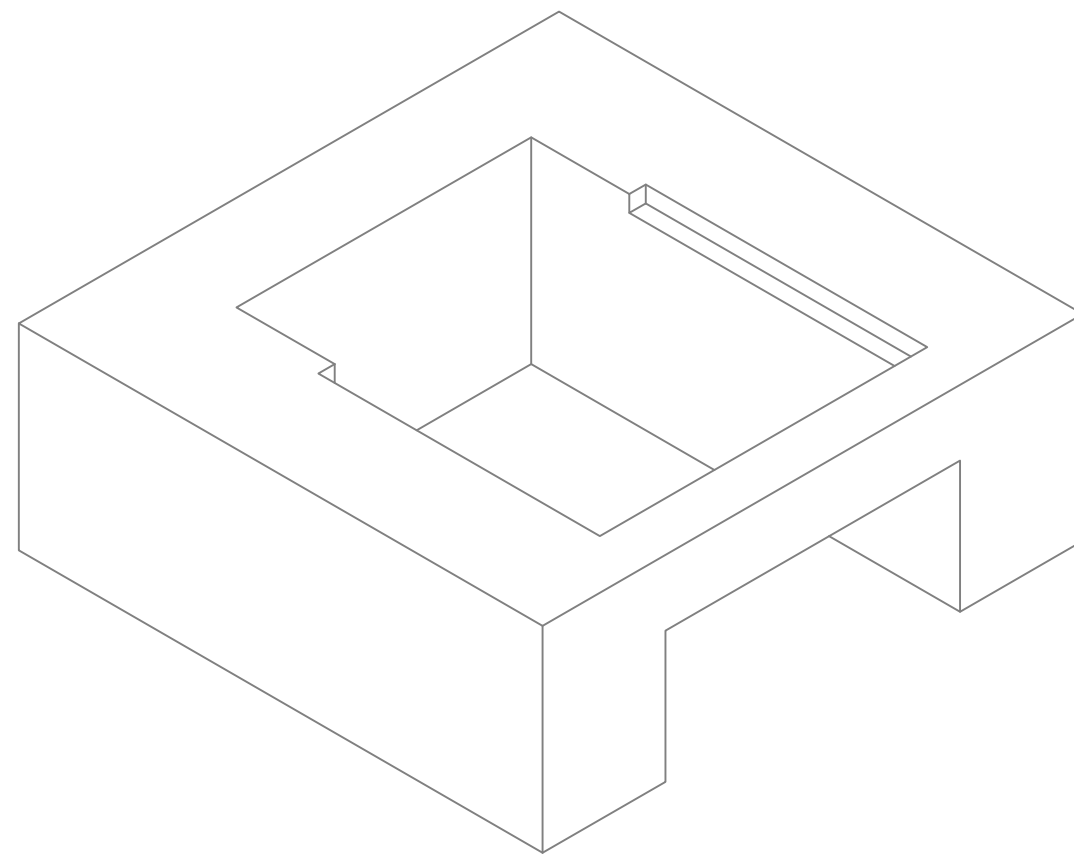


Section A-A
(Scale 1:10)
(After cables have been terminated)

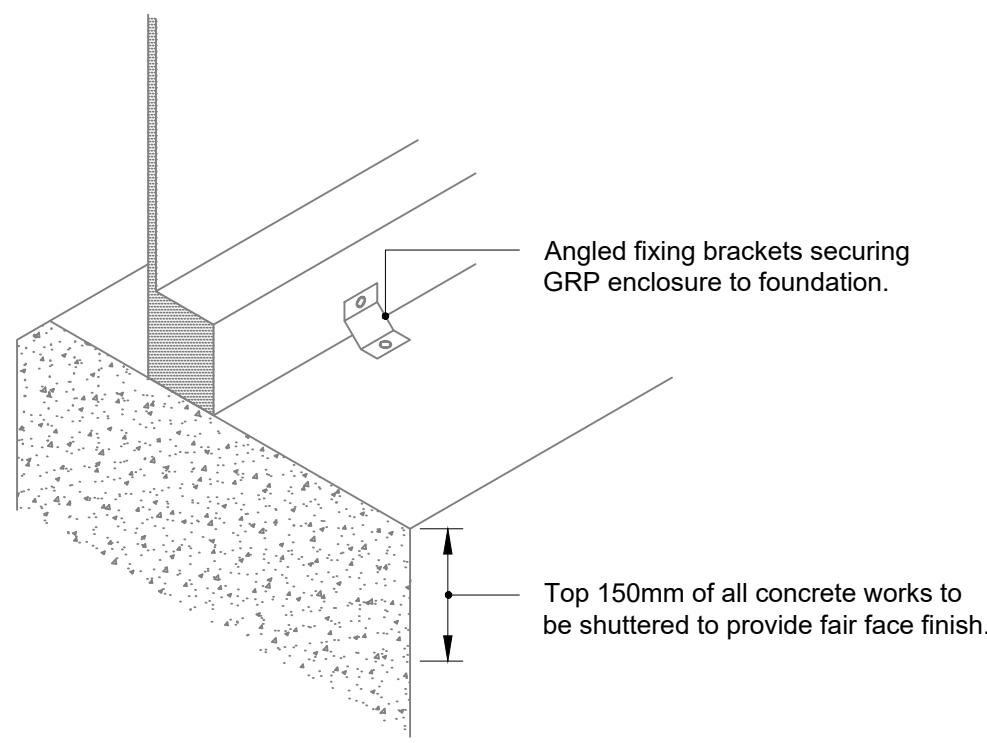


Section B-B
(Scale 1:10)
(After cables have been terminated)

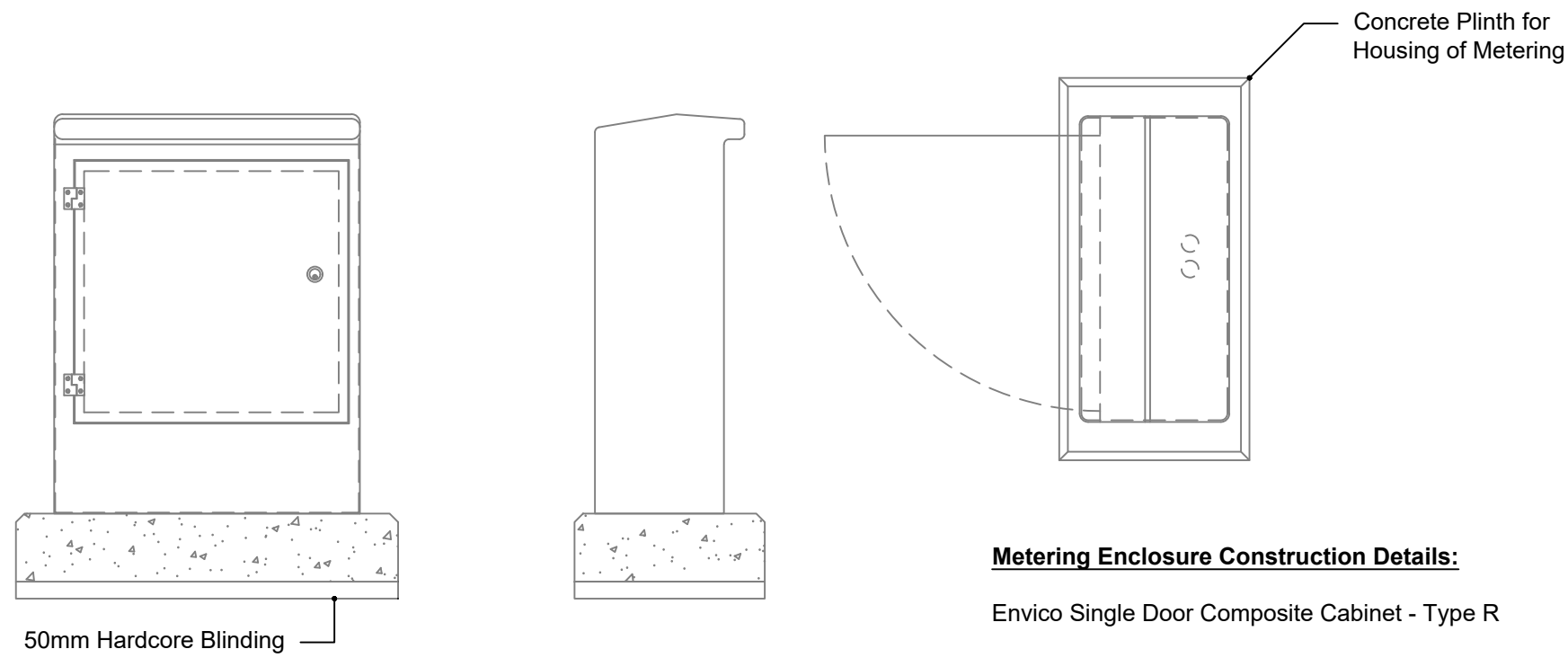
After cable installation, fill trenches with sand to a minimum depth of 500mm below top of gratings



Foundation - Isometric View
(Scale 1:20)



Fixing of GRP Foundation Detail
(Scale 1:30)



Customer Metering Enclosure
(Scale 1:20)

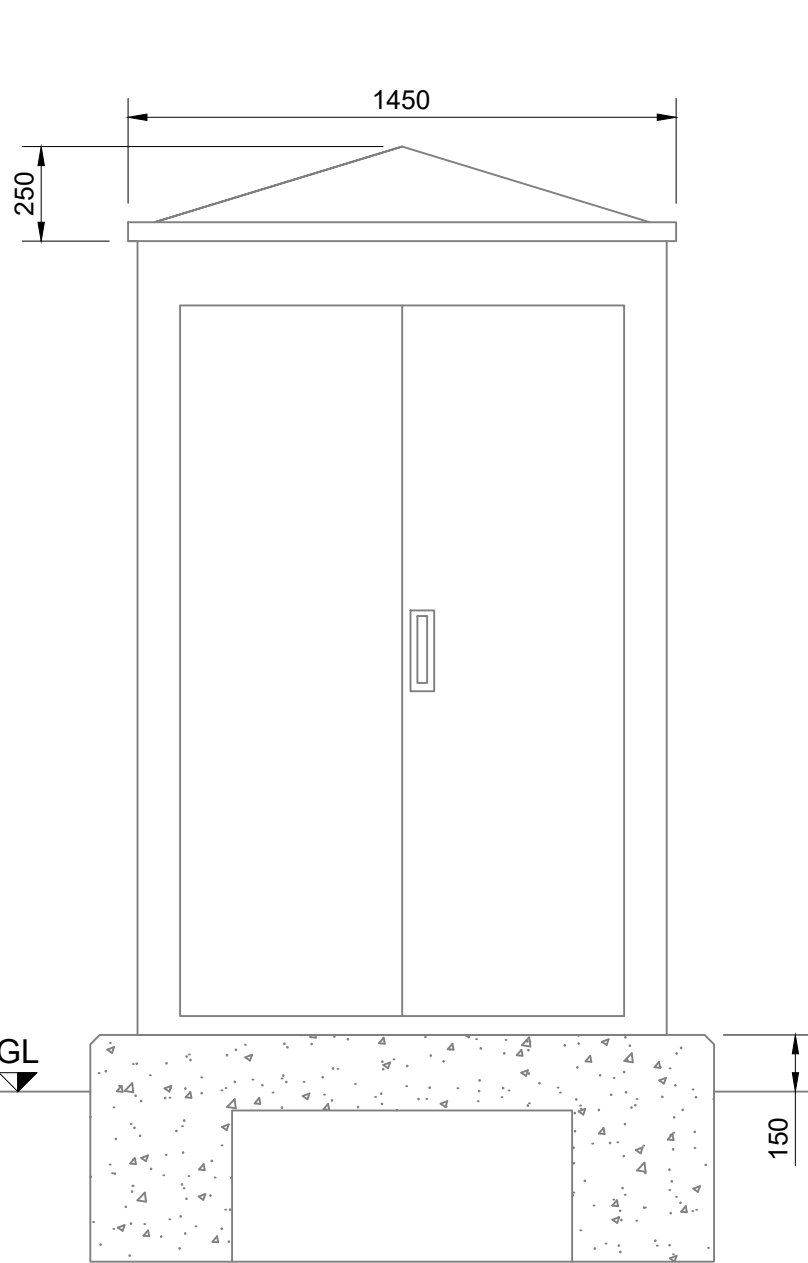
Metering Enclosure Construction Details:

Envico Single Door Composite Cabinet - Type R

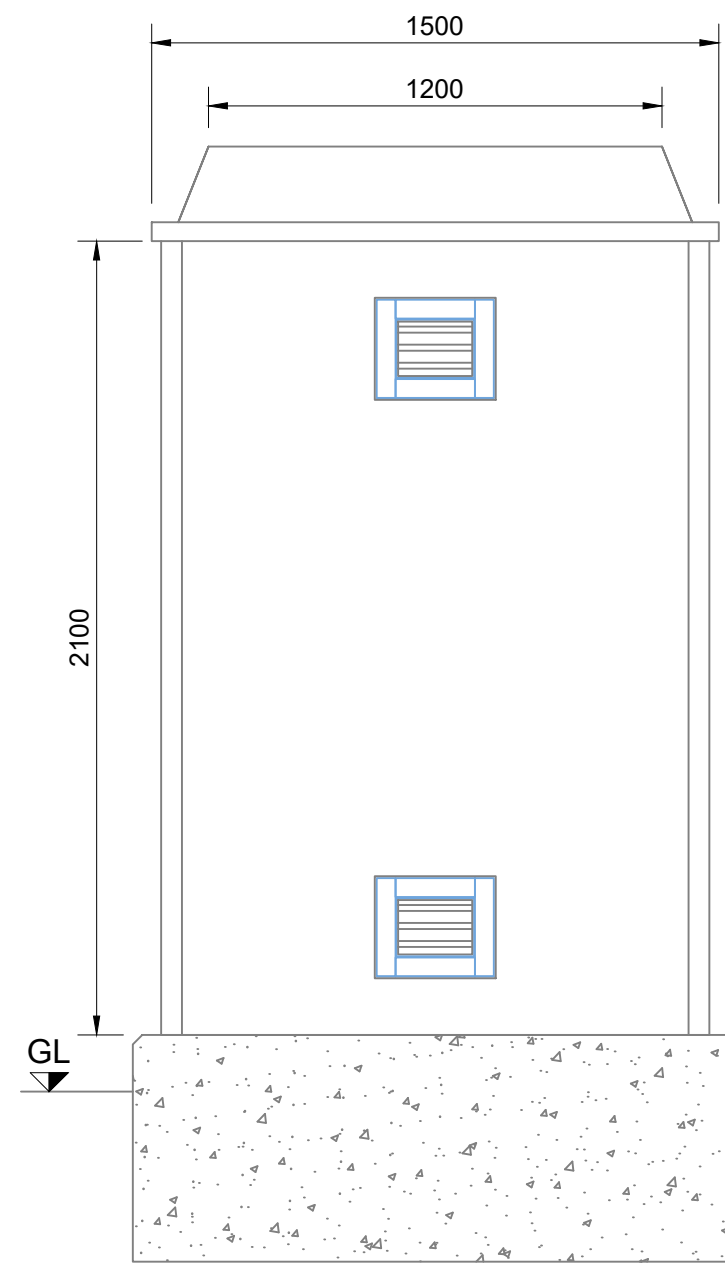
Width: 900mm
Height: 1175mm
Depth: 380mm
Color: BS4800 14-C-39 (Racing Green)
Lock: Steel hinges with a Yale Type Cylinder Lock

Specification

- Site Clearance:** Before commencing excavations, clear site of all rubbish, debris, shrubs, general vegetation, topsoil etc. and remove from same.
- Excavation:** Excavate to reduced levels (or to firm foundation as directed by the Engineer) and remove spoil from site. Level and compact bottom of excavation to receive concrete blinding layer/concrete foundation.
- Concrete:** Blinding concrete to be grade C15 with a minimum crushing strength of 15N/sq.mm at 28 days. Plinth/foundation concrete to be grade C35 with a minimum crushing strength of 35 N/sq.mm at 28 days. Top surface of plinth to be level with smooth steel float finish.
- Reinforcement:** Concrete plinth to be reinforced with 2No. layers of steel fabric reinforcement Ref. A393 (placed top and bottom). Steel fabric reinforcement to comply with B.S. 4483. Steel bar reinforcement to comply with B.S. 4449. Reinforcement to be free from all loose rust and mill scale. Minimum cover to all reinforcement to be 40mm.
- On Completion:** All remaining exposed ground surfaces within site boundary to be dressed with a 75mm thick layer of clean limestone chippings.



Front Elevation
(Scale 1:20)



Side Elevation
(Scale 1:20)

Metering Enclosure Construction Details:
Envico GRP Housing Transformer Type TR4

Width: 1290mm (Internal), 1400mm (external)
Depth: 1320mm (Internal), 1450mm (external)
Height: 2150mm (Internal), 2350mm (external)

Single skin construction
Espagnolette locking
Stainless Steel hinges
90 Degree door stays
Shoot Bolts
10" x 8" Galvanised Steel louvred vents

0	Preliminary Design	11/06/24	CR
REV	AMENDMENT	DATE	BY
UKPS UK POWER SOLUTIONS The Utility Connection Company River View House, Bonds Mill Estate, Bristol Road, Stonehouse, Gloucestershire, GL10 3RF Ealing Cross, 2nd Floor, 85 Uxbridge Road, Ealing, London, W5 5TH Suite 36, Genesis Centre, Birchwood, Warrington, WA3 7BH ukpowersolutions.co.uk Client Leisure Energy Project Biddulph Leisure Centre, Stoke on Trent Title Construction Details - Service Termination Cubicle Plinth and GRP Enclosure Design & Planning Engineer Musiliyu Hammed Contact No. 08452 577 105 Project Manager TBC Contact No. TBC Drawn By CR Checked By NM Date 11/06/24 Scale As Shown Sheet No. 1/1 Original Size A1 Drawing No. UKP13137 - DWG103 Rev 0 Client Ref. -- Drawing Status For Design Approval			