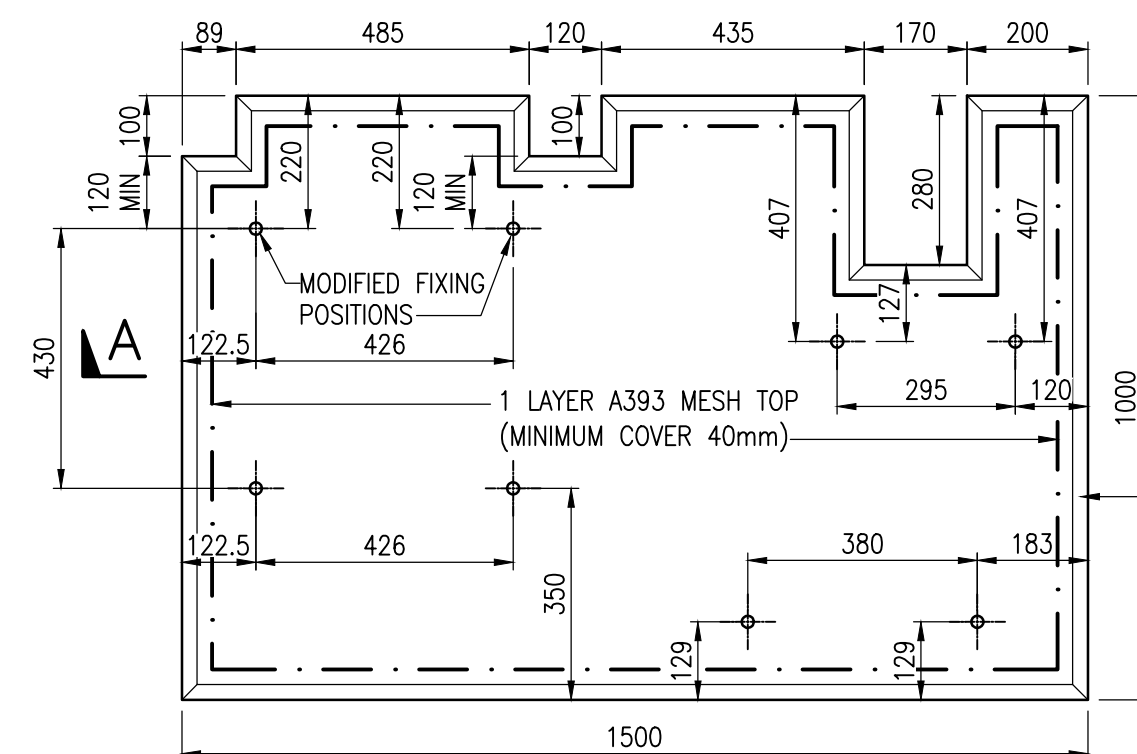


**PLAN ON EXTENSIBLE RINGMASTER RE2c
COMPACT RMU COUPLED TO A CE2
EXTENSIBLE CIRCUIT BREAKER**

(SCALE 1:12.5)

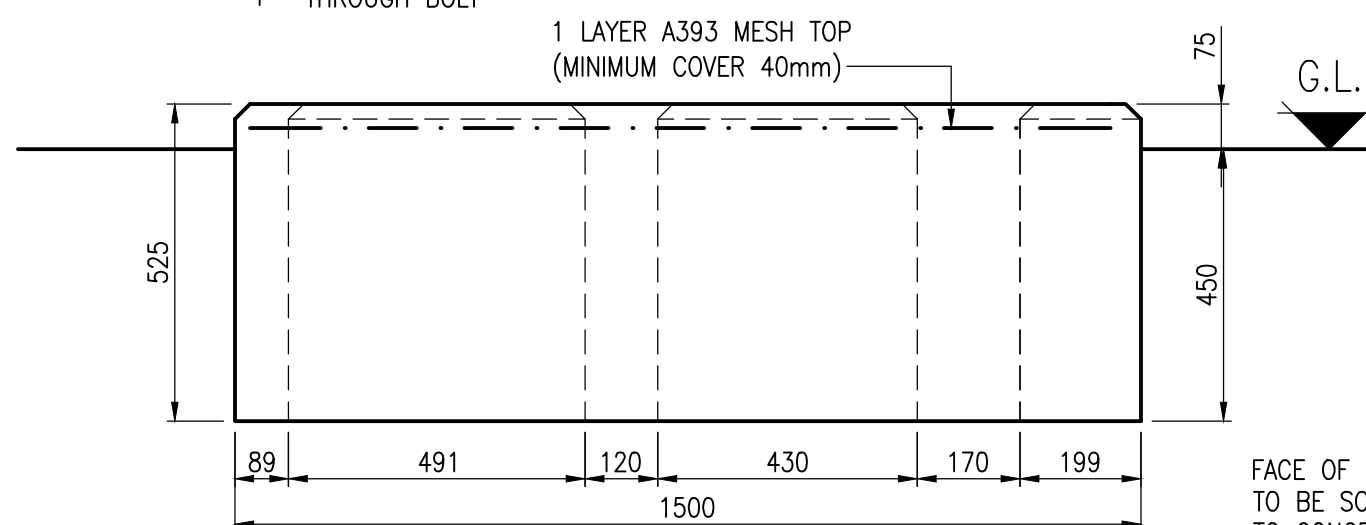


PLAN ON CONCRETE PLINTH

(SCALE 1:12.5)

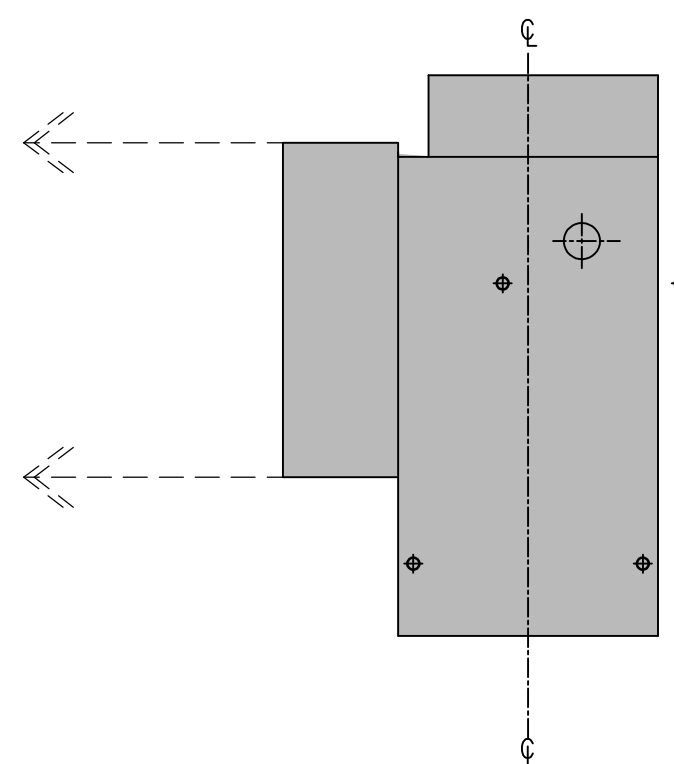
KEY:

⊕ M10 RAWL
THROUGH BOLT



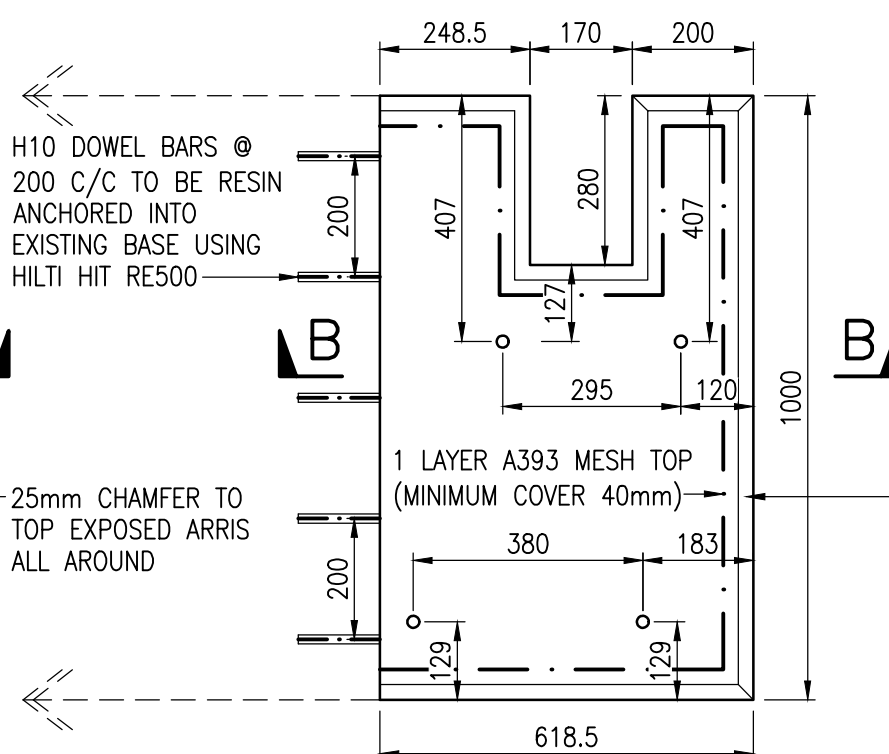
SECTION A-A

(SCALE 1:12.5)



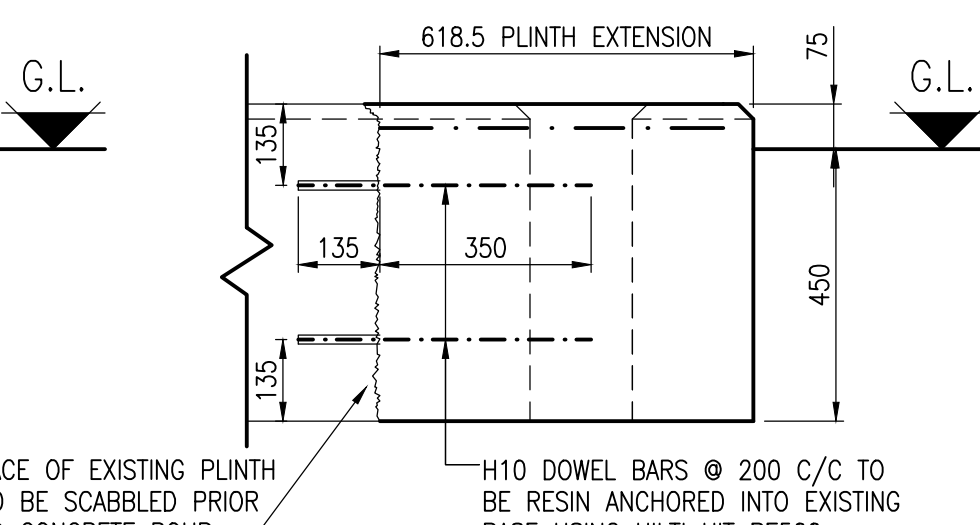
**ADDITIONAL CE2 EXTENSIBLE
CIRCUIT BREAKER**

(SCALE 1:12.5)



**PLAN ON PLINTH EXTENSION FOR EACH
ADDITIONAL CE2 EXTENSIBLE CIRCUIT BREAKER**

(SCALE 1:12.5)

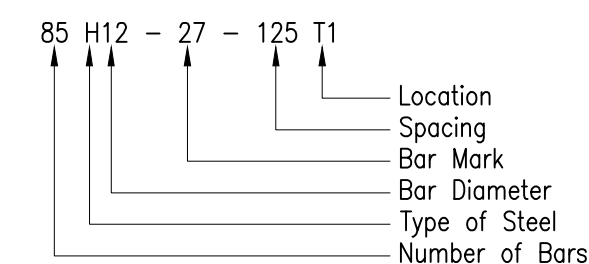


SECTION B-B

(SCALE 1:12.5)

CONSTRUCTION NOTES

- Concrete to be strength class C32/40 to BS 8500. Refer to the JAB Design concrete specification.
- Loose bar reinforcement to have the following minimum laps UNO: –
 - H8 = 300mm
 - H10 = 350mm
 - H12 = 420mm
 - H16 = 560mm
- Standard fabric mesh reinforcement to have the following minimum laps UNO: –
 - A142 = 250mm
 - A913 = 250mm
 - B283, B385, B503 main bars = 250mm
 - B785 main bars = 270mm
 - B1131 main bars = 325mm
 - B283 & B385 cross bars = 250mm
 - B503, B785, B1131 cross bars = 250mm
- 40mm cover to all reinforcement UNO.
- Bar references shall be interpreted thus: –



- Locations: –
 - T1 Denotes Top face, top layer
 - T2 Denotes Top face, second layer
 - B2 Denotes Bottom face, second layer
 - B1 Denotes Bottom face, bottom layer
 - NF Denotes Near face
 - FF Denotes Far face
 - EF Denotes Each face
 - EW Denotes Each way
 - ABR Denotes Alternate bars reversed
 - ALT Denotes Bars alternately placed
- "T" Denotes deformed Type 2 high yield steel bars to BS 4449:9197 – characteristic yield strength 460MPa.
- "H" Denotes deformed Type 2 high yield steel bars to BS 4449:2005 – characteristic yield strength 500MPa.
- T-bar reinforcement in accordance with BS 4449:9197, may be directly substituted with H-bar reinforcement in accordance with BS 4449:2005.

GENERAL NOTES

- DO NOT SCALE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST CODE OF PRACTICE ES352
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.
- CONCRETE TO BE STRENGTH CLASS C32/40 TO BS8500

SITE NOTES

- CONTRACTOR TO OBTAIN UNDERGROUND CABLE & SERVICE RECORDS PRIOR TO COMMENCEMENT OF ANY WORKS.
- THE CONTRACTOR MUST ASSUME THAT ANY EXISTING CABLES LOCATED WITHIN THE WORKS ARE LIVE AND LIAISE WITH THE ELECTRICITY NORTH WEST ENGINEER FOR ADVICE.
- SITE SPECIFIC RISK ASSESSMENT TO BE UNDERTAKEN PRIOR TO COMMENCEMENT OF ANY WORKS.
- FOUNDATION DESIGN HAS BEEN BASED ON A SUITABLE BEARING PRESSURE FOR MOST GROUND CONDITIONS INCLUDING CLAYS. FORMATION LEVEL FOR FOUNDATIONS TO BE TAKEN DOWN TO GROUND THAT IS SUFFICIENTLY FIRM TO PROVIDE PHYSICAL SUPPORT TO THE STRUCTURE.
- FOUNDATION FORMATION LEVELS TO BE INSPECTED AND APPROVED PRIOR TO FOUNDATION CONSTRUCTION.



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CIVIL DISTRIBUTION SUBSTATION
PLINTH FOR EXTENSIBLE RINGMASTER
RE2c COMPACT RMU COUPLED TO A
CE2 EXTENSIBLE CIRCUIT BREAKER

DRAWN	ASR	SCALE	AS SHOWN AT A2	SITE NAME	–
APPROVED	WD	DATE	OCT 19	P.F.R. NO.	–
OLD DWG NO	–	SHEET SIZE	A2	DWG NO	900350-032
				DWG STATUS	RELEASED
				REV	0