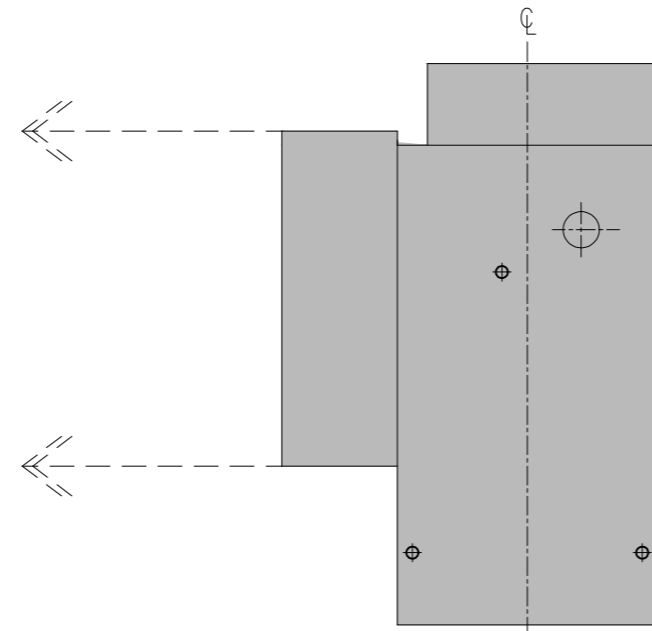


**PLAN ON EXTENSIBLE RINGMASTER RE2c  
COMPACT RMU COUPLED TO A CE2  
EXTENSIBLE CIRCUIT BREAKER**

(SCALE 1:12.5)

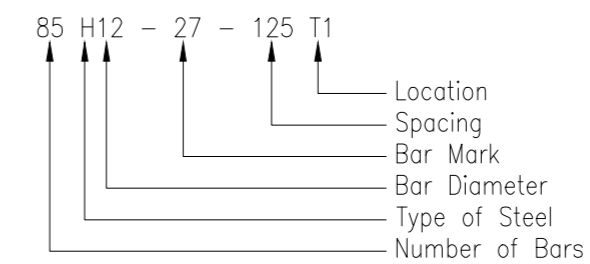


**ADDITIONAL CE2 EXTENSIBLE  
CIRCUIT BREAKER**

(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 - A252 = 250mm  
- A913 = 250mm - A393 = 270mm  
- 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: -



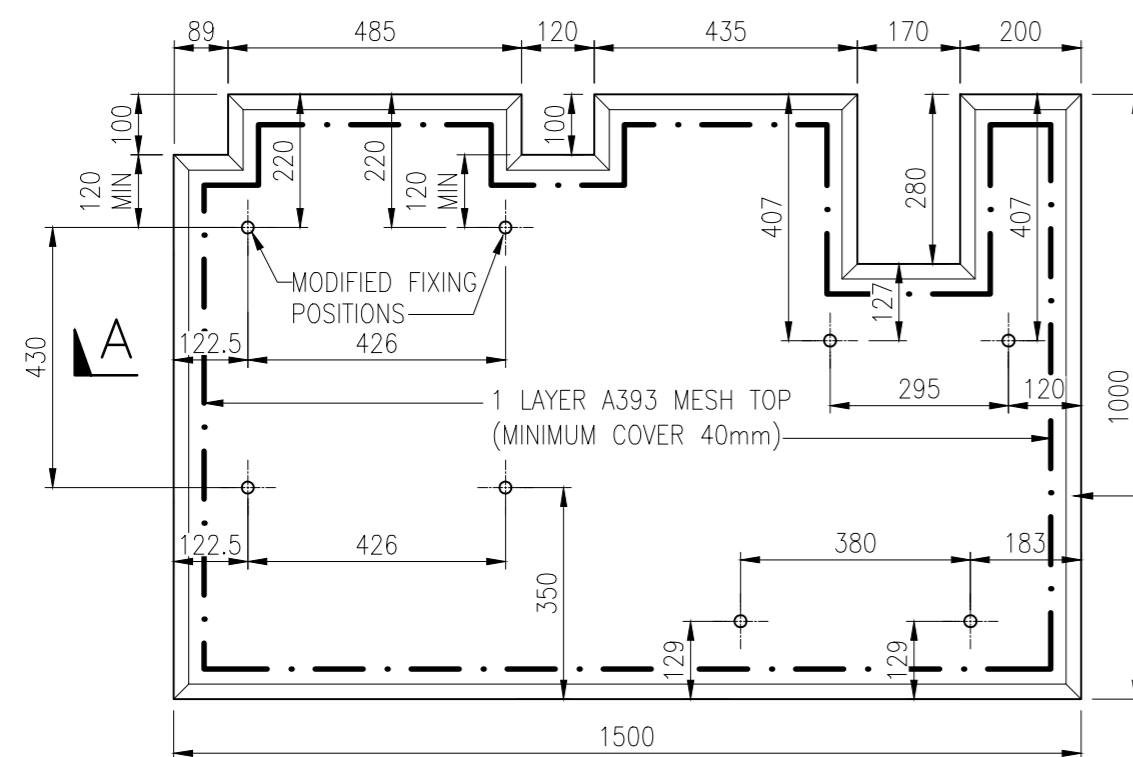
- Locations: -  
- T1 Denotes Top face, top layer  
- T2 Denotes Top face, second layer  
- B2 Denotes Bottom face, second layer  
- B1 Denotes Bottom face, bottom layer  
- NF Denotes Near face  
- FF Denotes Far face  
- EF Denotes Each face  
- EW Denotes Each way  
- ABR Denotes Alternate bars reversed  
- 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

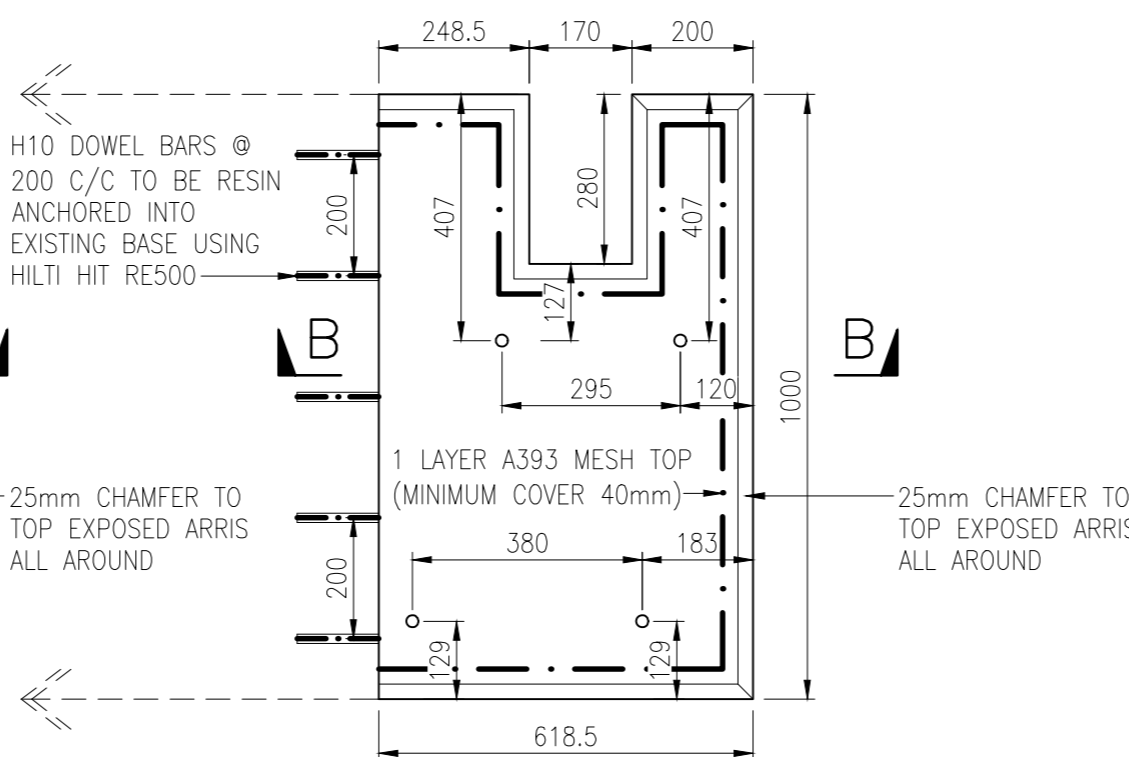
**SITE NOTES**

- 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.



**PLAN ON CONCRETE PLINTH**

(SCALE 1:12.5)

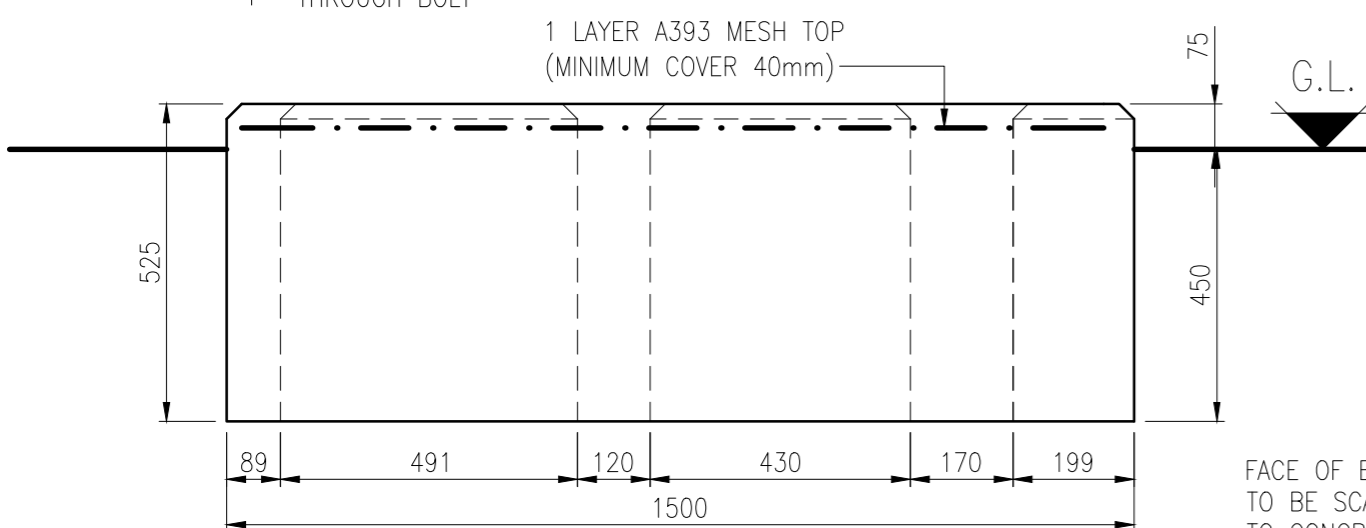


**PLAN ON PLINTH EXTENSION FOR EACH  
ADDITIONAL CE2 EXTENSIBLE CIRCUIT BREAKER**

(SCALE 1:12.5)

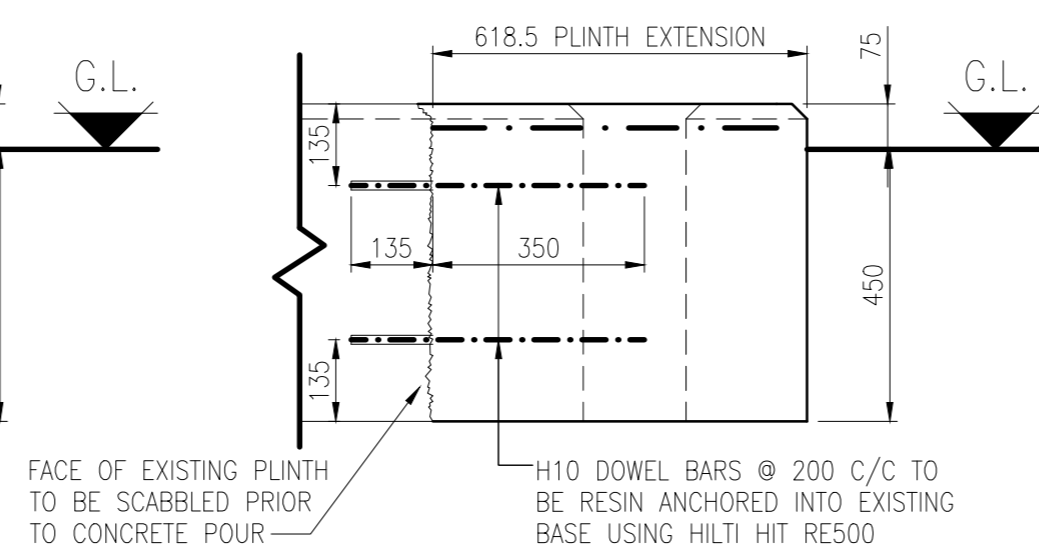
**KEY:**

M10 RAWL THROUGH BOLT



**SECTION A-A**

(SCALE 1:12.5)



**SECTION B-B**

(SCALE 1:12.5)



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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