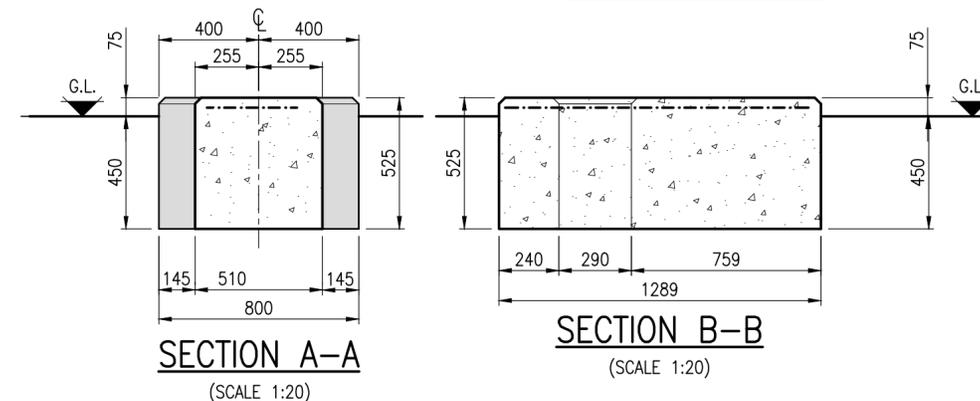
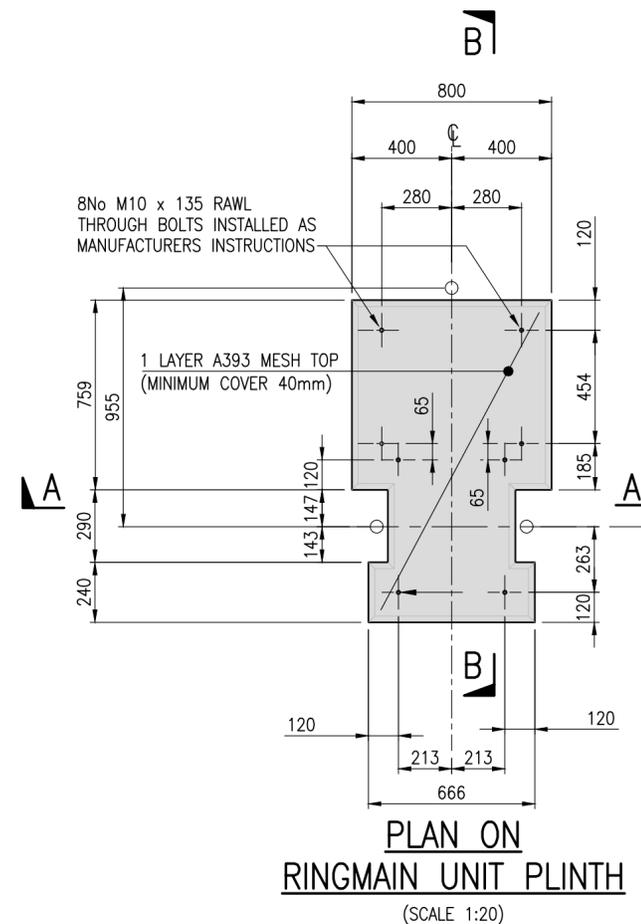


**REINFORCEMENT NOTES**

- a. LOOSE BAR REINFORCEMENT TO HAVE THE FOLLOWING MINIMUM LAPS UNO: -
  - H8 = 300MM
  - H10 = 350MM
  - H12 = 420MM
  - H16 = 560MM
- b. 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
- c. 40MM COVER TO ALL REINFORCEMENT UNO.

BENDING SCHEDULE						
BAR NAME	BAR MK	TYPE & SIZE	LENGTH OF BAR	A	B	TOTAL No
LINK	01	H6	1200	300	200	48
STRAIGHT	02	H10	3675			8
CORNER	03	H10	1200	600		16
STRAIGHT	04	H10	3125			8



**NOTES:**

CONCRETE FOR PLINTH AND RING BEAM TO BE STRENGTH CLASS C32/40  
 CONCRETE 35N/mm<sup>2</sup> (28 DAY STRENGTH).  
 20mm AGGREGATE SHALL BE PLACED & COMPACTED WITHIN ADEQUATE FORMWORK TO ENSURE THAT THE TOP SURFACES ARE TRUE TO PLANE WITH FLOOR TO HAVE STEEL FLOAT FINISH TO CLOSE TOLERANCE OF +/-3mm IN 3m.  
 NO DRILLING TO TAKE PLACE WITHIN 28 DAYS OF CASTING.  
 NO PERCUSSION DRILLS TO BE USED ONLY ROTARY DRILLS.  
 DO NOT OVER-TIGHTEN BOLTS.  
 TYPICAL MAX WEIGHT OF PLANT = 1500kg.  
 PLINTH SHALL HAVE TYPICAL MIN DEPTH OF 1000mm. HOWEVER, THE PLINTH MUST BE SUITABLE WITH RESPECT TO GROUND CONDITIONS AND LOADING. THE LEVEL OF THE RING BEAM TO BE AGREED ON SITE WITH THE ENGINEER IN CHARGE PRIOR TO CONSTRUCTING SHUTTERING.

COMPOUND TO BE BACK-FILLED AFTER INSTALLATION OF CABLES WITH SAND AND 75mm TOP LAYER OF 14-20mm LIMESTONE CHIPPINGS.

GRP HOUSING TO BE FROM ELECTRICITY NORTH WEST APPROVED SUPPLIER. DOORS TO HAVE HASP & STAPLE TO ACCEPT ELECTRICITY NORTH WEST PADLOCKS. LEFT HAND DOOR TO BE FIRST OPENING LEAF

FOUNDATIONS TO BE TAKEN DOWN TO GROUND THAT IS SUFFICIENTLY FIRM TO PROVIDE PHYSICAL SUPPORT TO THE STRUCTURE. SITE PHOTO'S TO BE TAKEN INDICATING EVIDENCE OF FOUNDATION DEPTH WHERE INCREASED DIG IS GREATER THAN 400MM. THESE WILL BE PROVIDED FOR PAYMENT AND AUDIT PURPOSES.

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST ELECTRICAL SPECIFICATION REF. 400 D 5 AND ALL ASSOCIATED WORKS MUST COMPLY WITH THIS INFORMATION AND DETAIL IN FULL.

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST ES 301 & ES 352 AND ALL ASSOCIATED WORKS MUST COMPLY WITH THIS INFORMATION AND DETAIL IN FULL.

**GENERAL SPECIFICATION FOR GRP HOUSING ENCLOSURE**

1. SUPPLIED/PURCHASED FROM NOMINATED SUPPLIER, UNDER FRAMEWORK AGREEMENT.
2. DETAILS INCLUDING DOOR LOCKING SPECIFICATION ALL AS IN ES 301.
3. LOWER LEVEL VENTILATION MUST BE APPROVED BY ELECTRICITY NORTH WEST LIMITED & EQUIVALENT TO TOTAL AIR FLOW OF 0.75Metres<sup>2</sup> (FOR DETAILED SPECIFICATION SEE ENGINEERING SPECIFICATION 301)



FREDERICK ROAD, SALFORD  
 M6 6QH  
 TEL 0161 6041370

CIVIL DISTRIBUTION SUBSTATION  
 CONSTRUCTION DETAILS FOR  
 PLINTH FOR SCHNEIDER RINGMAIN &  
 METERING UNIT IN A GRP HOUSING

DRAWN	ASR	SCALE	1:25	SITE NAME	
APPROVED	WD	DATE	NOVEMBER 18	P.F.R. NO.	
OLD DWG NO	-	SHEET SIZE	A2	DWG NO	900350-016
				DWG STATUS	APPROVAL
				REV	2