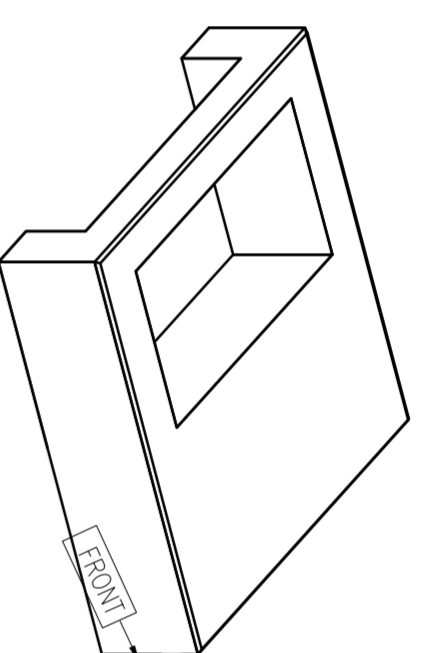
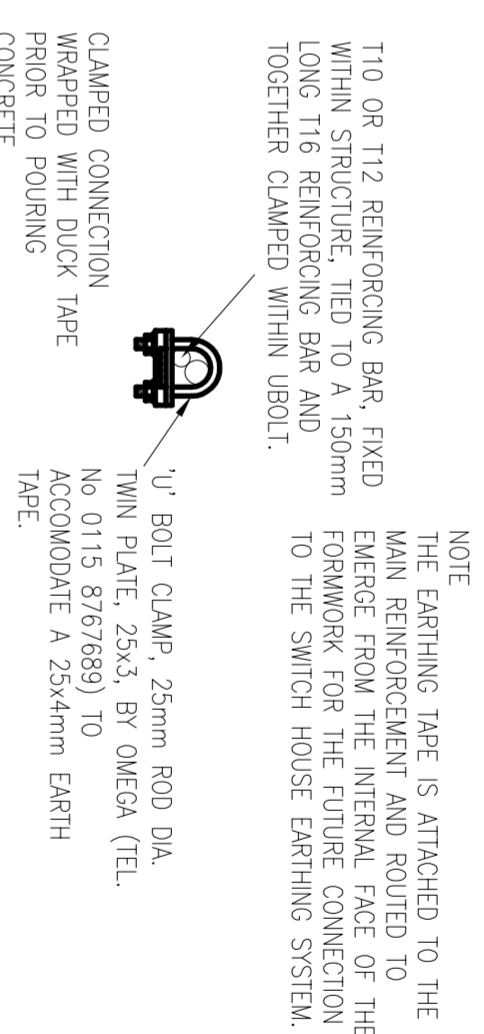


TYPICAL SECTION

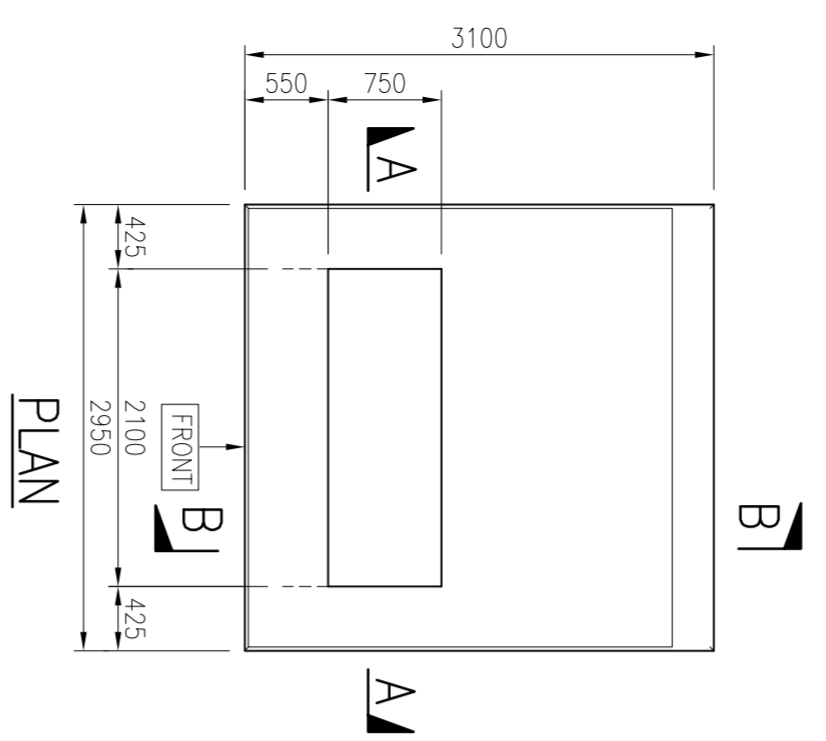


ISOMETRIC VIEW

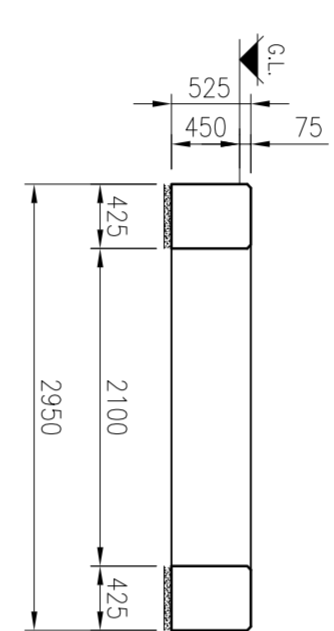


DETAIL OF REINFORCEMENT/EARTHING CLAMP

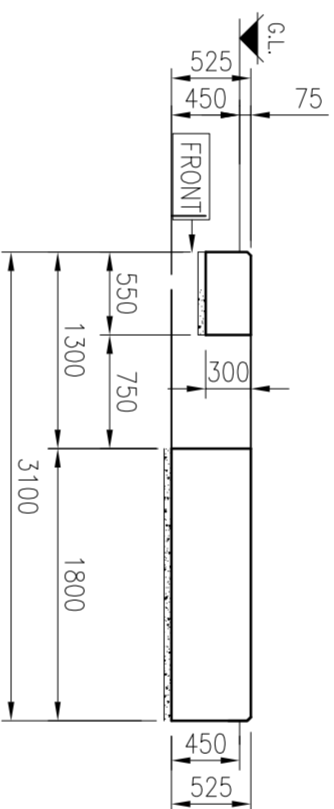
(SCALE 1:5)



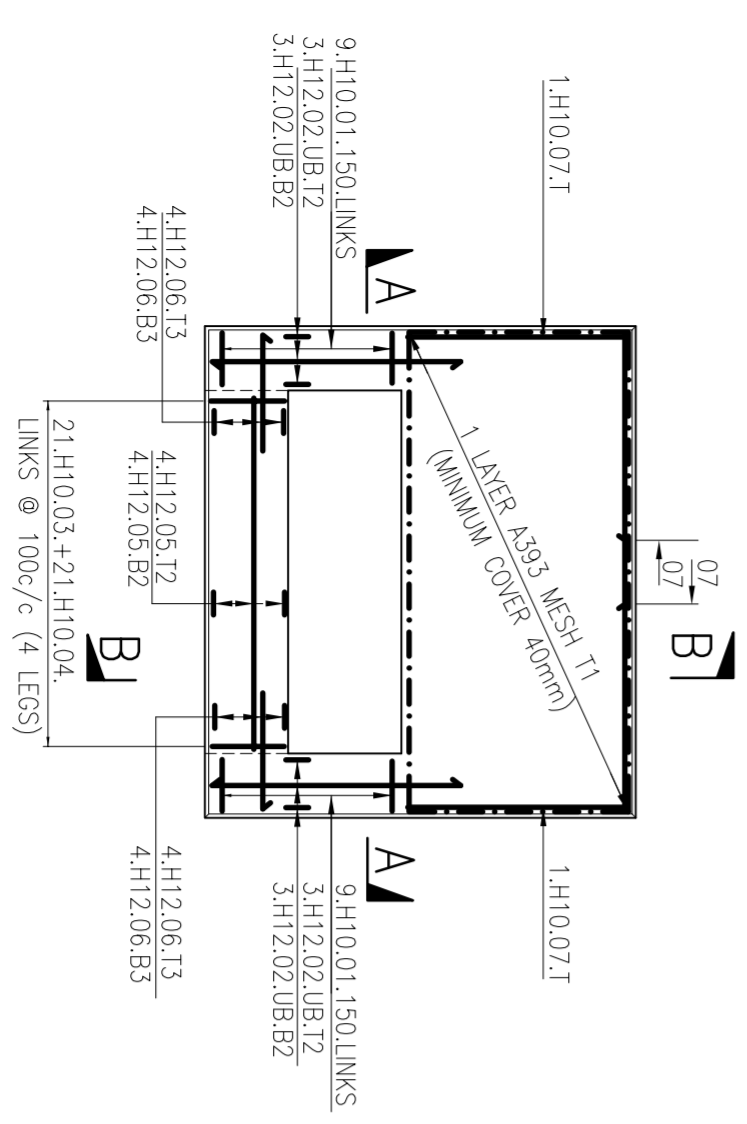
PLAN



SECTION A-A

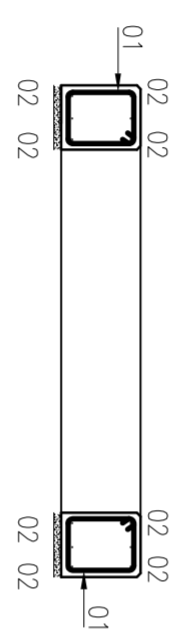


SECTION B-B

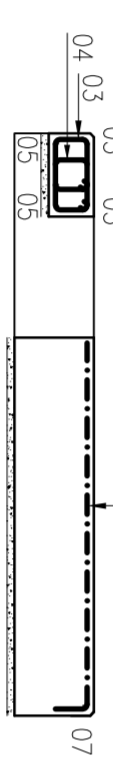


PLAN

REINFORCEMENT DETAILS



SECTION A-A



SECTION B-B

BENDING SCHEDULE TO BS 8666:2005									
Bar mark	Type & size	No. of mbrs	No. of bars in each	Total no.	Length of each bar + mm	Shape code	A * mm	B * mm	C * mm
1	H10	1	18	18	1725	51	340	440	
2	H12	1	12	12	2750	21	430	1685	430
3	H10	1	21	21	1525	51	465	215	
4	H10	1	21	21	850	51	130	215	
5	H12	1	8	8	2050	00	2050		
6	H12	1	16	16	1225	11	850	400	
7	H10	1	2	2	3300	11	1700	1610	

A393 MESH FABRIC = 4.9m²

† Specified in multiples of 25mm * Specified in multiples of 5mm

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.

CABLE TRENCH

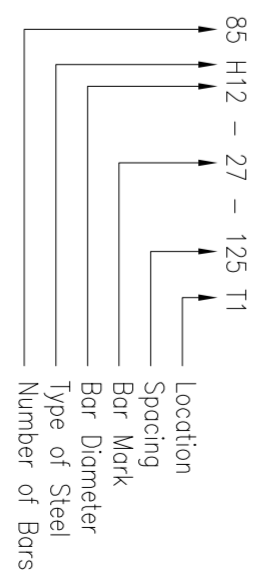
- CABLE AREA TO BE BACK-FILLED AFTER INSTALLATION OF ALL CABLES, WITH WELL CONSOLIDATED SAND, WITH A 75mm TOP LAYER OF SINGLE SIZE 14-20mm LIMESTONE CHIPPINGS.

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 CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.

REINFORCEMENT NOTES

- Concrete to be strength class C32/40 to BS 8500.
- Loose bar reinforcement to have the following minimum laps UNO: -
- H10 = 350mm
- H12 = 420mm
- Standard A393 fabric mesh to have a minimum lap of 270mm.
- 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
- "H" Denotes deformed Type 2 high yield steel bars to BS 4449:2005 - characteristic yield strength 500MPa.

		FREDERICK ROAD, SALFORD		CIVIL DISTRIBUTION SUBSTATION	
		M6 60H TEL 0161 6041370		GRP HOUSING FOUNDATION FOR T3GF3 & T4GF3	
DRAWN	GK	SCALE	1:50	SITE NAME	-
APPROVED	WD	DATE	SEPT 2013	P.F.R. NO.	-
OLD DWG NO	-	SHEET SIZE	A2	DWG NO	900350-004
				DWG STATUS	APPROVAL
				REV	1