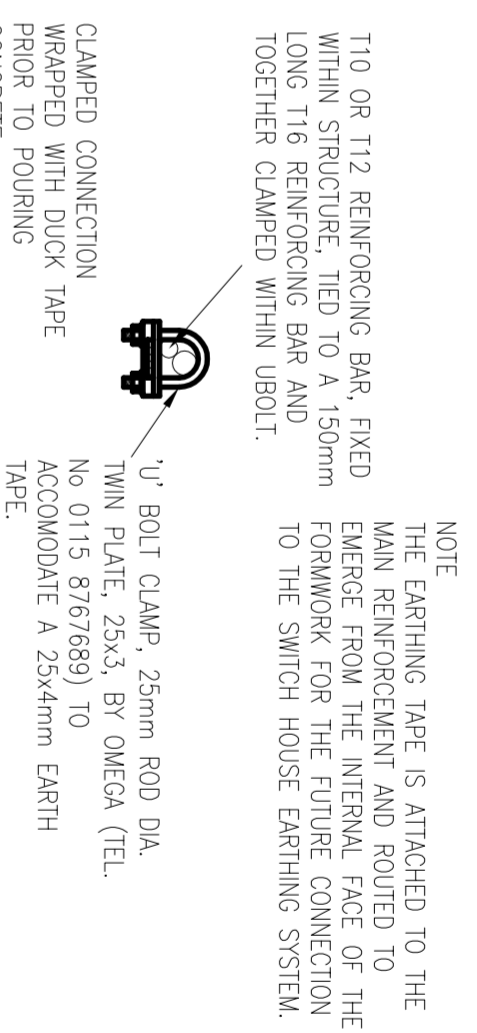
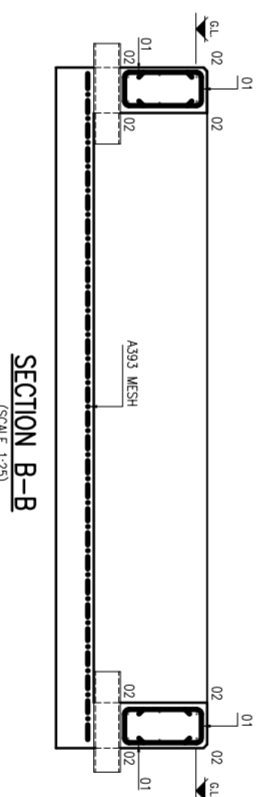
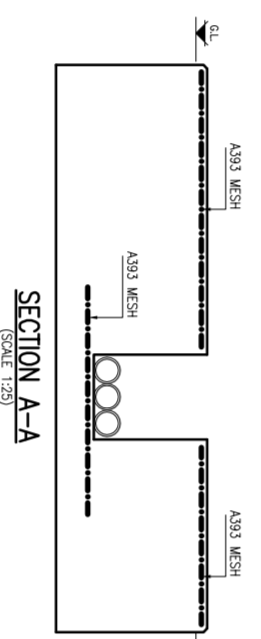
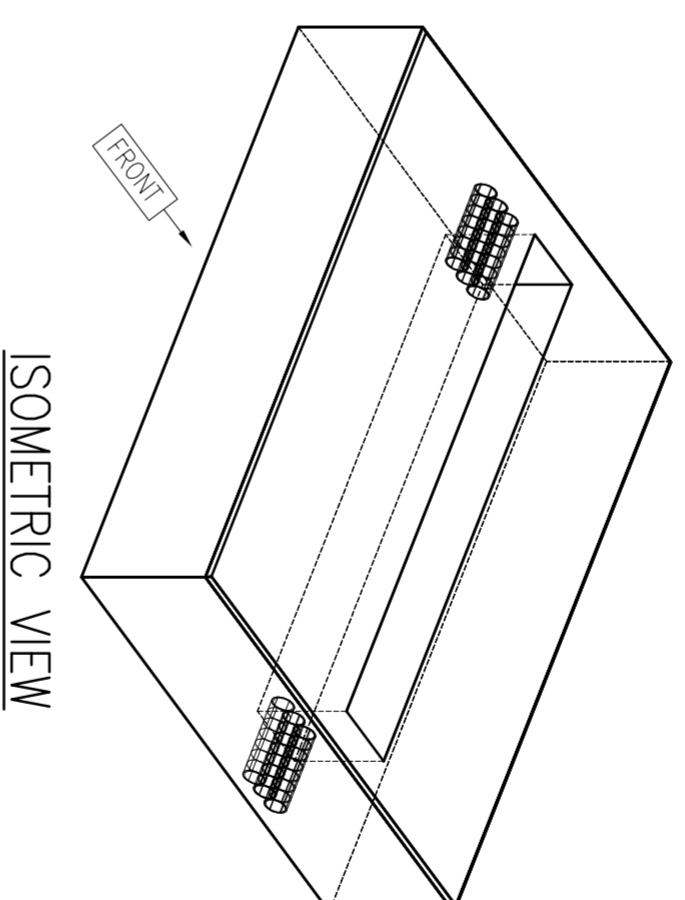


CONCRETE GENERAL ARRANGEMENT



DETAIL OF REINFORCEMENT/EARTHING CLAMP
(SCALE 1:5)

NOTE
THE EARTHING TAPE IS ATTACHED TO THE MAIN REINFORCEMENT AND ROUTED TO EMERGE FROM THE INTERNAL FACE OF THE LONG T16 REINFORCING BAR AND TOGETHER CLAMPED WITHIN UBOLT.



ISOMETRIC VIEW

- SITE NOTES**
1. CONTRACTOR TO OBTAIN UNDERGROUND CABLE & SERVICE RECORDS PRIOR TO COMMENCEMENT OF ANY WORKS.
 2. THE CONTRACTOR MUST ASSUME THAT ANY EXISTING CABLES LOCATED WITHIN THE WORKS ARE LIVE AND LASE WITH THE ELECTRICITY NORTH WEST ENGINEER FOR ADVICE.
 3. SITE SPECIFIC RISK ASSESSMENT TO BE UNDERTAKEN PRIOR TO COMMENCEMENT OF ANY WORKS.
 4. 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.
 5. FOUNDATION FORMATION LEVELS TO BE INSPECTED AND APPROVED PRIOR TO FOUNDATION CONSTRUCTION.

CABLE TRENCH

7. CABLE AREA TO BE BACKFILLED WITH WELL CONSOLIDATED SAND, WITH 75mm LAYER OF SINGLE SIZE 14-20mm. LIMESTONE CHIPPINGS, ALL TO BE COMPLETED BY ELECTRICITY NORTH WEST AFTER INSTALLATION OF ALL CABLES.

GENERAL NOTES

1. DO NOT SCALE.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST CODE OF PRACTICE ES352
4. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.

REINFORCEMENT NOTES

1. Concrete to be strength class C32/40 to BS 8500.
2. Loose bar reinforcement to have the following minimum laps UNO: - H10 = 350mm
3. Standard A393 fabric mesh to have a minimum lap of 270mm.
4. 40mm cover to all reinforcement UNO.
5. Bar references shall be interpreted thus: -
85 H12 - 27 - 125 T1
6. Locations: -
- T1 Denotes Top face, top layer
- T2 Denotes Top face, second layer
- SF2 Denotes Side face, second layer
7. "H" Denotes deformed Type 2 high yield steel bars to BS 4449:2005 - characteristic yield strength 500MPa.

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
01	H10	1	12	12	1075	21	450	215	450
02	H10	1	12	12	1350	00	1350		

A393 MESH FABRIC = 18m²

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

Calentia northwest		FREDERICK ROAD, SALFORD M6 6QH TEL 0161 6041370		CIVIL DISTRIBUTION SUBSTATION	
DRAWN	GK	SCALE	1:50	SITE NAME	PLINTH FOR SCHNEIDER EXTENSIBLE SWITCHGEAR IN GRP HOUSING (CABLE TRENCH CENTRAL)
APPROVED	WD	DATE	NOV 2013	P.F.R. NO.	-
OLD DWG NO.	-	SHEET SIZE	A3	DWG NO.	900350-014
				REV	1

FOUNDATION PLAN
(SCALE 1:50)

REINFORCEMENT DETAILS

REINFORCEMENT SCHEDULE

REINFORCEMENT NOTES

REINFORCEMENT