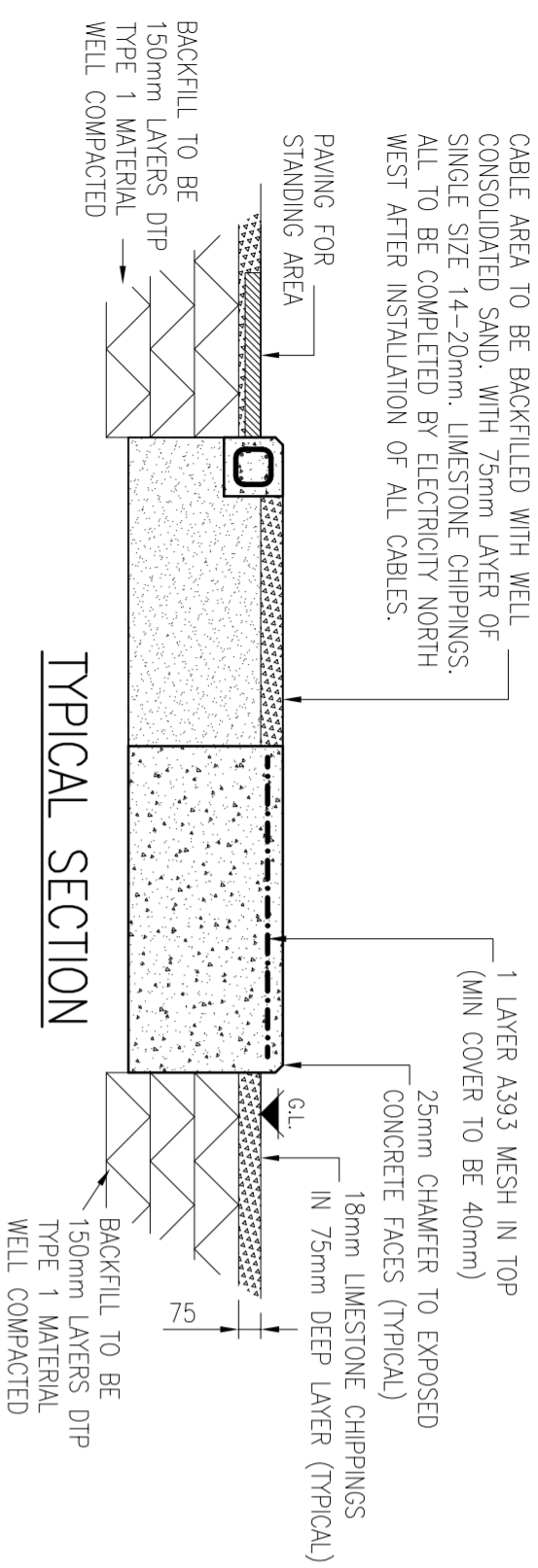


CABLE AREA TO BE BACKFILLED WITH WELL CONSOLIDATED SAND, WITH 75mm LAYER OF SINGLE SIZE 14-20mm. LIMESTONE CHIPPINGS, ALL TO BE COMPLETED BY ELECTRICITY NORTH WEST AFTER INSTALLATION OF ALL CABLES.



NOTE  
THE EARTHING TAPE IS ATTACHED TO THE MAIN REINFORCEMENT AND ROUTED TO EMERGE FROM THE INTERNAL FACE OF THE WITHIN STRUCTURE, TIED TO A 150mm LONG T16 REINFORCING BAR AND TOGETHER CLAMPED WITHIN UBOLT.



'U' BOLT CLAMP, 25mm ROD DIA. TWIN PLATE, 25x3, BY OMEGA (TEL. No 0115 8767689) TO ACCOMMODATE A 25x4mm EARTH TAPE.

### DETAIL OF REINFORCEMENT/EARTHING CLAMP

(SCALE 1:5)

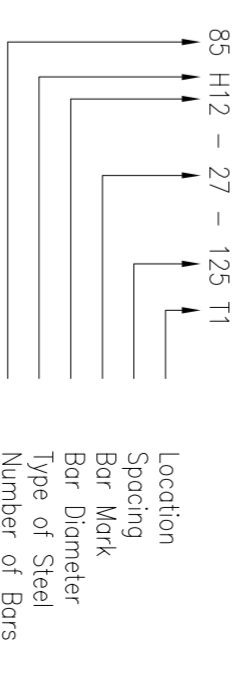
- ### SITE NOTES
- CONTRACTOR TO OBTAIN UNDERGROUND CABLE & SERVICE RECORDS PRIOR TO COMMENCEMENT OF ANY WORKS.
  - THE CONTRACTOR MUST ASSUME THAT ANY EXISTING CABLES LOCATED WITHIN THE WORKS ARE LIVE AND LIAISE WITH THE ELECTRICITY NORTH WEST ENGINEER FOR ADVICE.
  - SITE SPECIFIC RISK ASSESSMENT TO 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.

### GENERAL NOTES

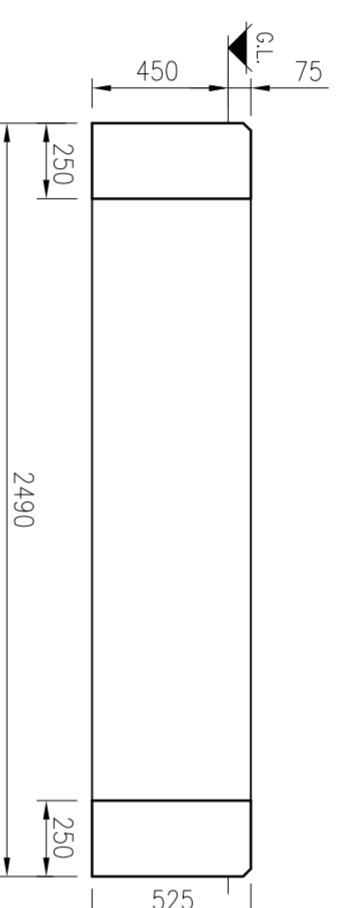
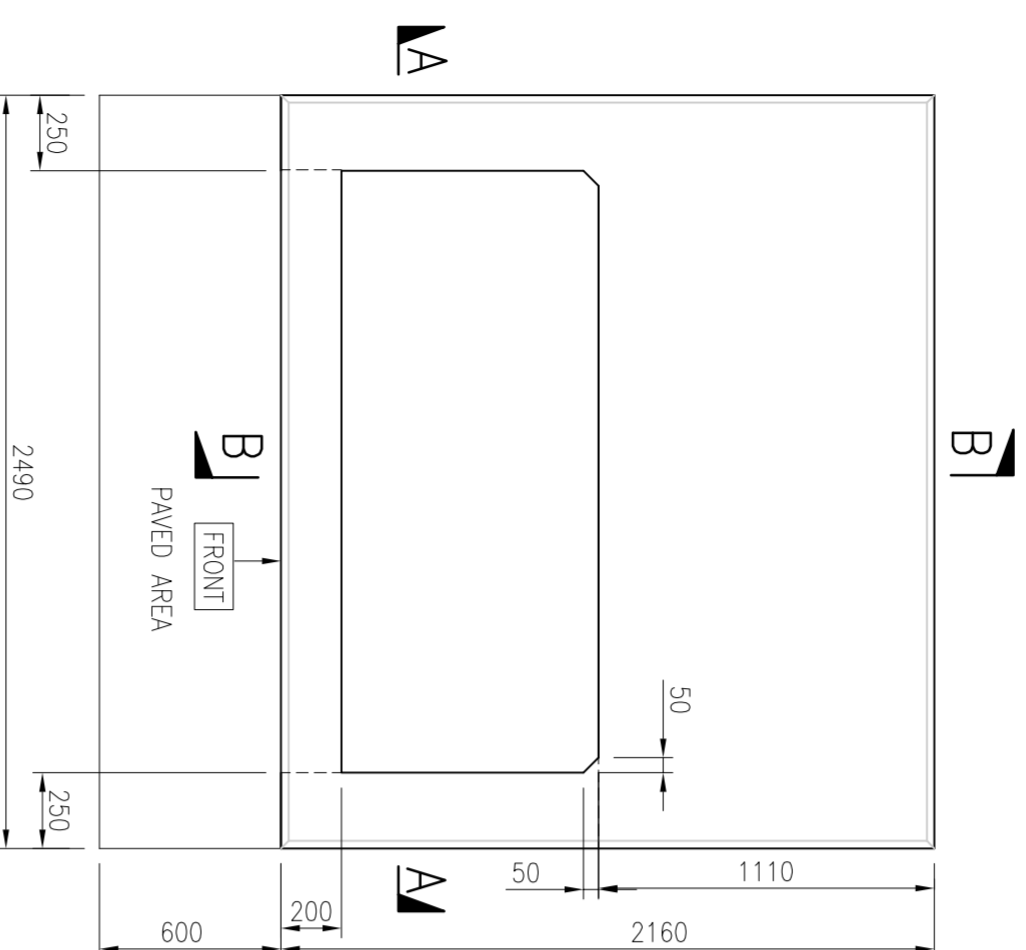
- DO NOT SCALE
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST CODE OF PRACTICE ES352
- ALL WORK TO CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.

### REINFORCEMENT NOTES

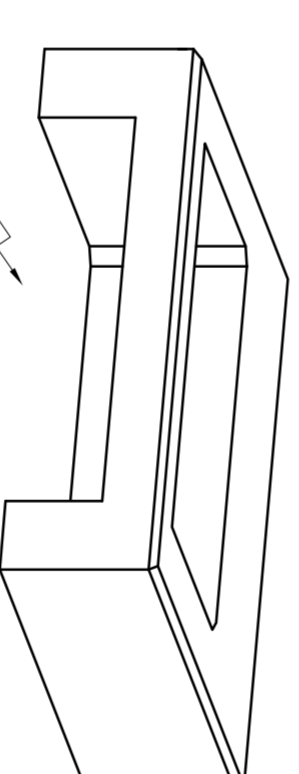
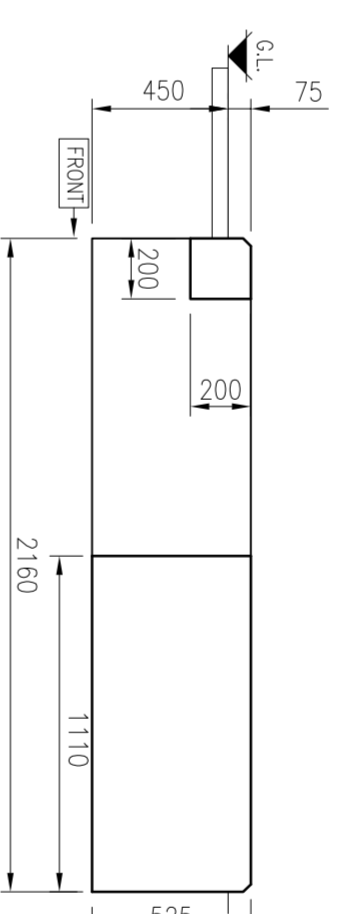
- Concrete to be strength class C32/40 to BS 8500.
- Loose bar reinforcement to have the following minimum laps UNO: - H10 = 350mm - H12 = 420mm
- Standard A393 fabric mesh to have a minimum lap of 270mm.
- 40mm cover to all reinforcement UNO.
- Bar references shall be interpreted thus: -  
85 H12 - 27 - 125 T1
- Locations: -  
- T1 Denotes Top face, top layer  
- T2 Denotes Top face, second layer  
- B1 Denotes Bottom face, bottom layer  
- B2 Denotes Bottom face, second layer  
- B3 Denotes Bottom face, third layer
- "H" Denotes deformed Type 2 high yield steel bars to BS 4449:2005 - characteristic yield strength 500MPa.



### CONCRETE GENERAL ARRANGEMENT



### SECTION B-B



### ISOMETRIC VIEW

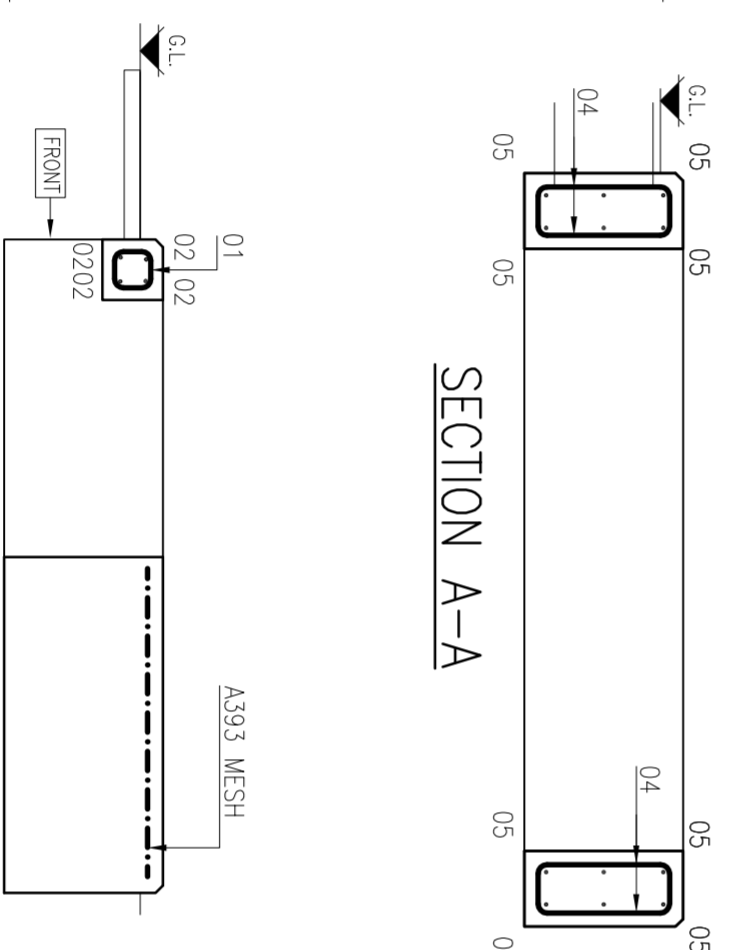
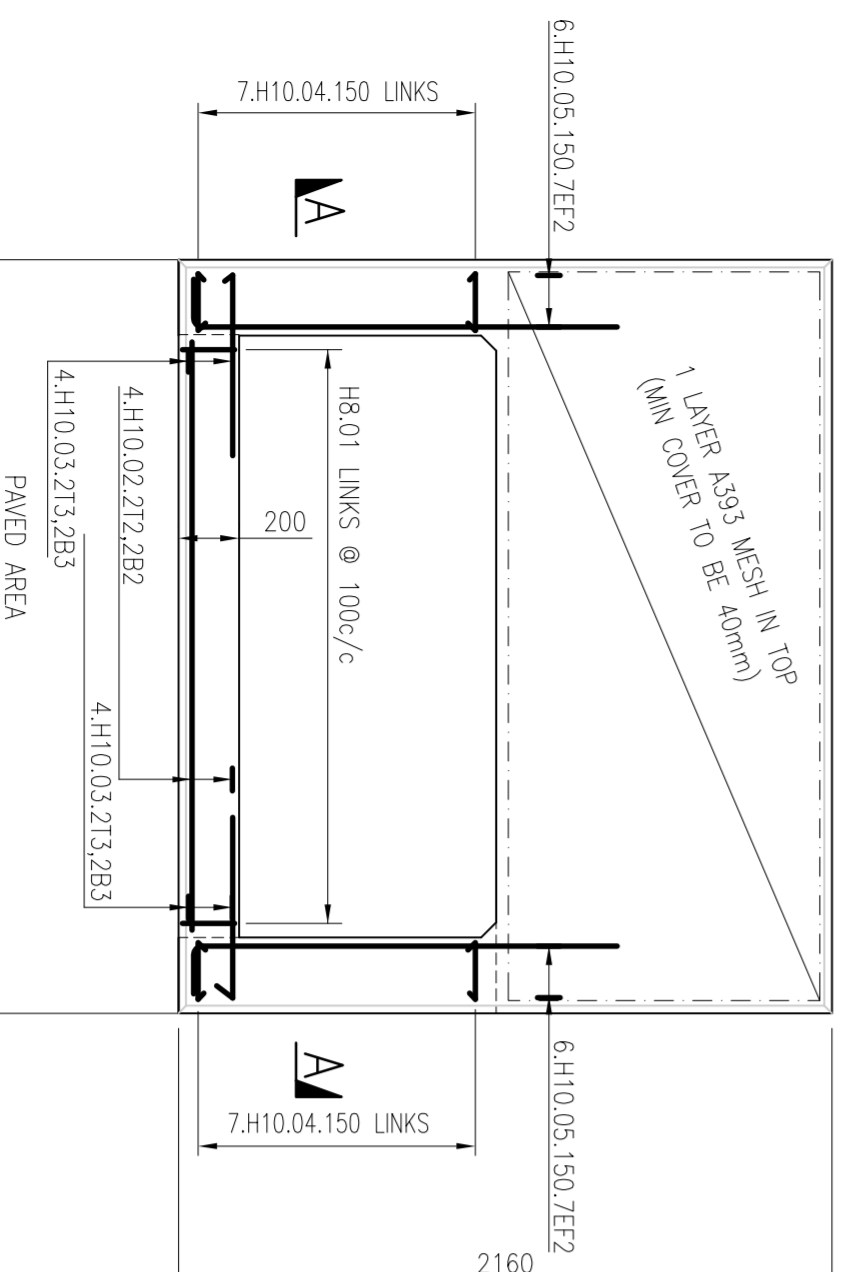
### BENDING SCHEDULE TO BS 8666:2005

Bar mark	Type & size	No. of mbrs	No. of bars in each	Total no. of bars	Length of each bar + mm	Shape code	A * mm	B * mm	C * mm
01	H8	1	20	20	600	51	115	115	
02	H10	1	4	4	1950	00	1950		
03	H10	1	8	8	975	11	375	600	
04	H10	1	14	14	1375	51	165	440	380
05	H10	1	12	12	1525	11	130	1550	

A393 MESH FABRIC = 2.4m<sup>2</sup>

† Specified in multiples Of 25mm

\* Specified in multiples Of 5mm



### REINFORCEMENT DETAILS

		FREDERICK ROAD, SALFORD M6 6QH TEL 0161 6041370		CIVIL DISTRIBUTION SUBSTATION PLINTH FOR SCHNEIDER MAXI SUBSTATION	
DRAWN	GK	SCALE	1:25	SITE NAME	-
APPROVED	WD	DATE	NOV 2013	P.F.R. NO.	-
OLD DWG NO.	-	SHEET SIZE	A2	DWG NO.	900350-009
				REV	1