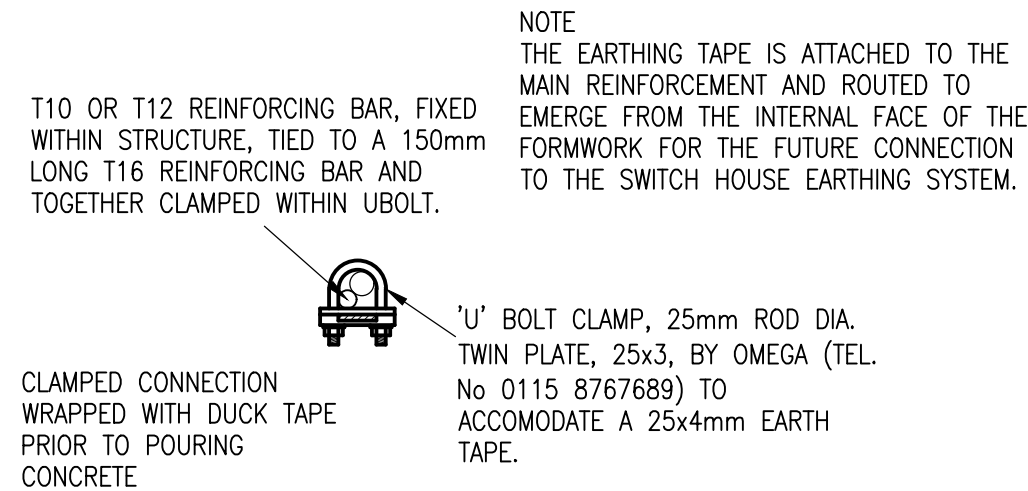
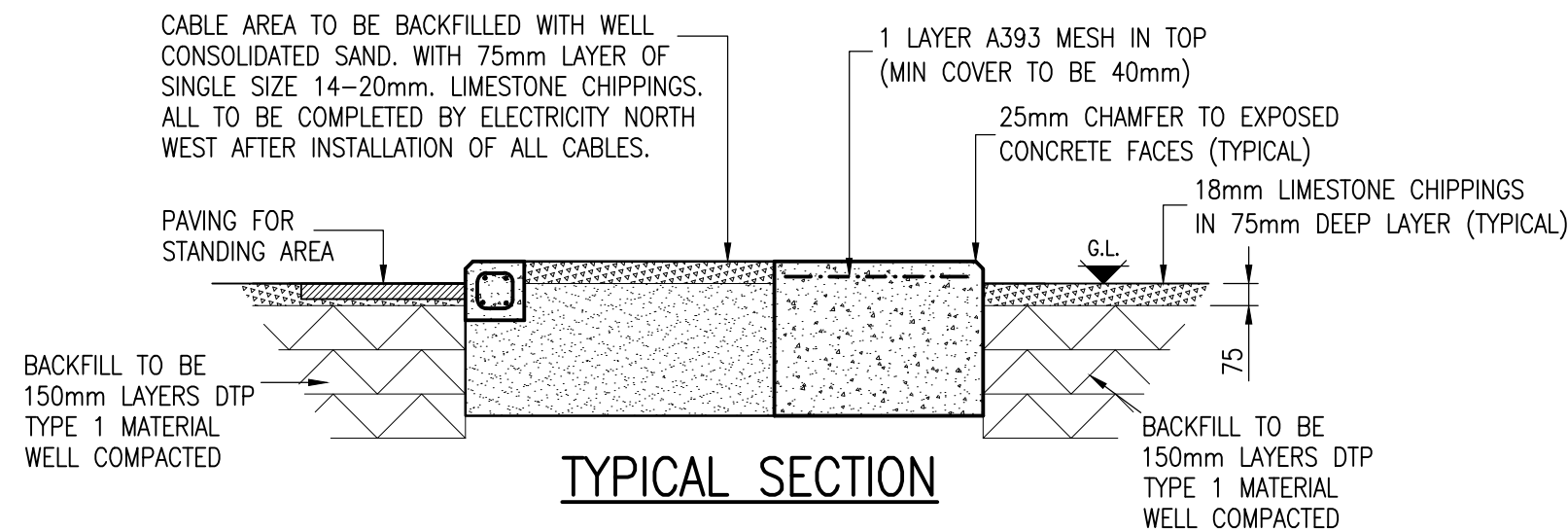




DETAIL OF REINFORCEMENT/EARTHING CLAMP
(SCALE 1:5)

SITE NOTES

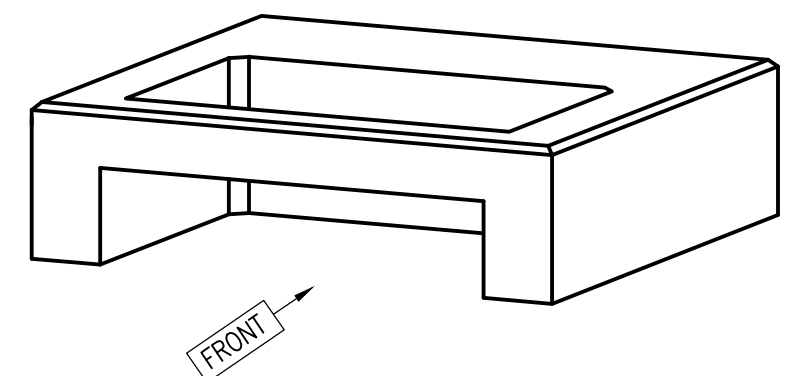
- CONTRACTOR TO OBTAIN UNDERGROUND CABLE & SERVICE RECORDS PRIOR TO COMMENCEMENT OF ANY WORKS.
- THE CONTRACTOR MUST ASSUME THAT ANY EXISTING CABLES LOCATED WITHIN THE WORKS ARE LIVE AND LIAISE WITH THE ELECTRICITY NORTH WEST ENGINEER FOR ADVICE.
- SITE SPECIFIC RISK ASSESSMENT TO BE UNDERTAKEN PRIOR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

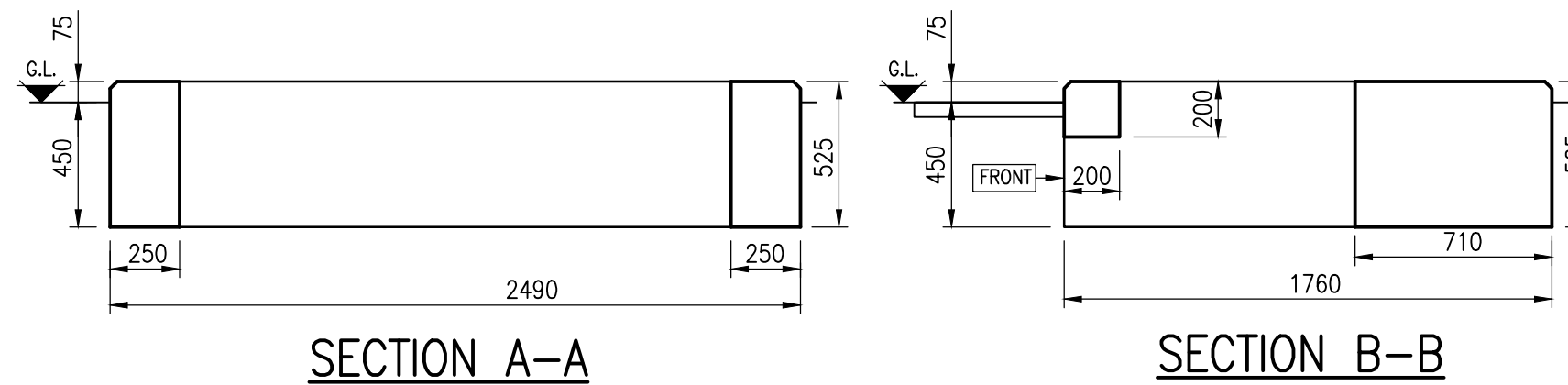
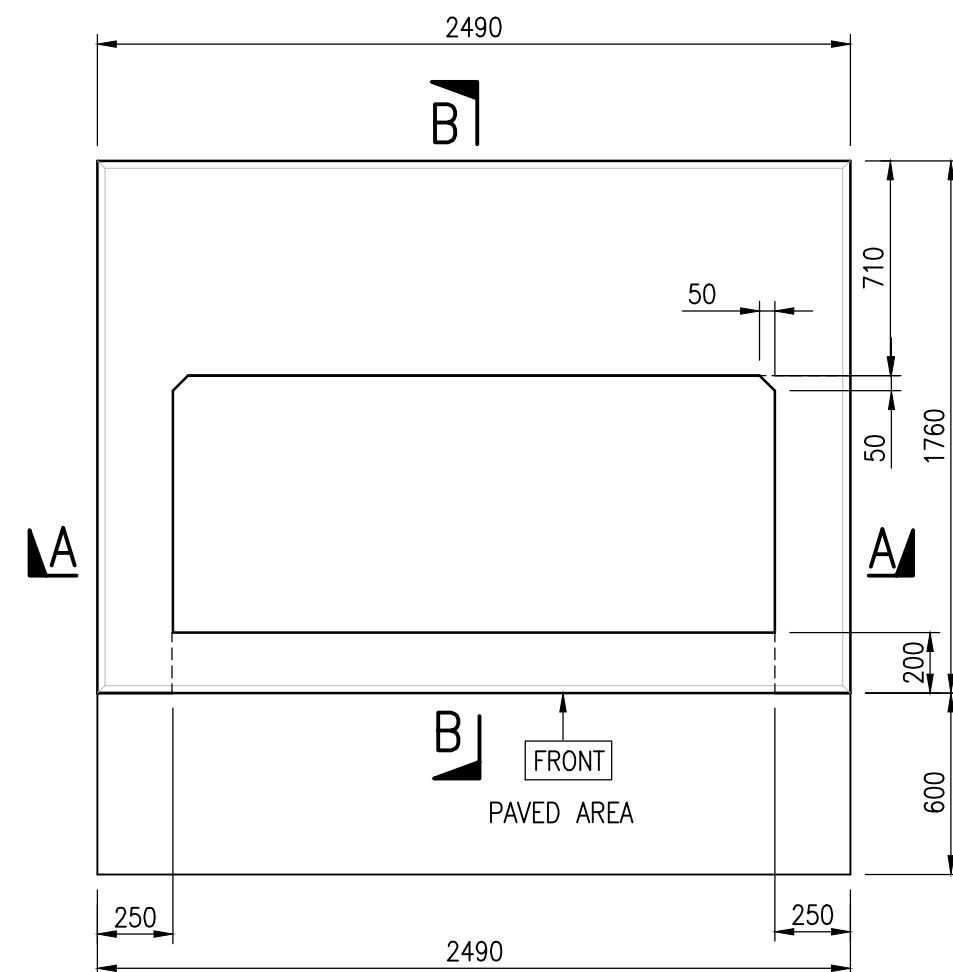
- DO NOT SCALE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ELECTRICITY NORTH WEST CODE OF PRACTICE ES352
- ALL WORK TO CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.

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
- Location
Spacing
Bar Mark
Bar Diameter
Type of Steel
Number of Bars
- 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.



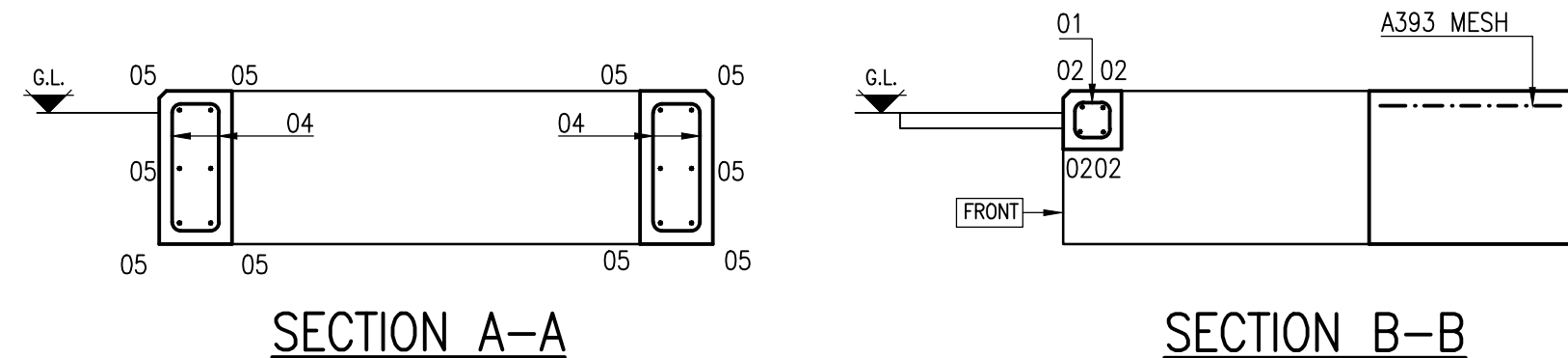
ISOMETRIC VIEW



SECTION A-A

SECTION B-B

CONCRETE GENERAL ARRANGEMENT



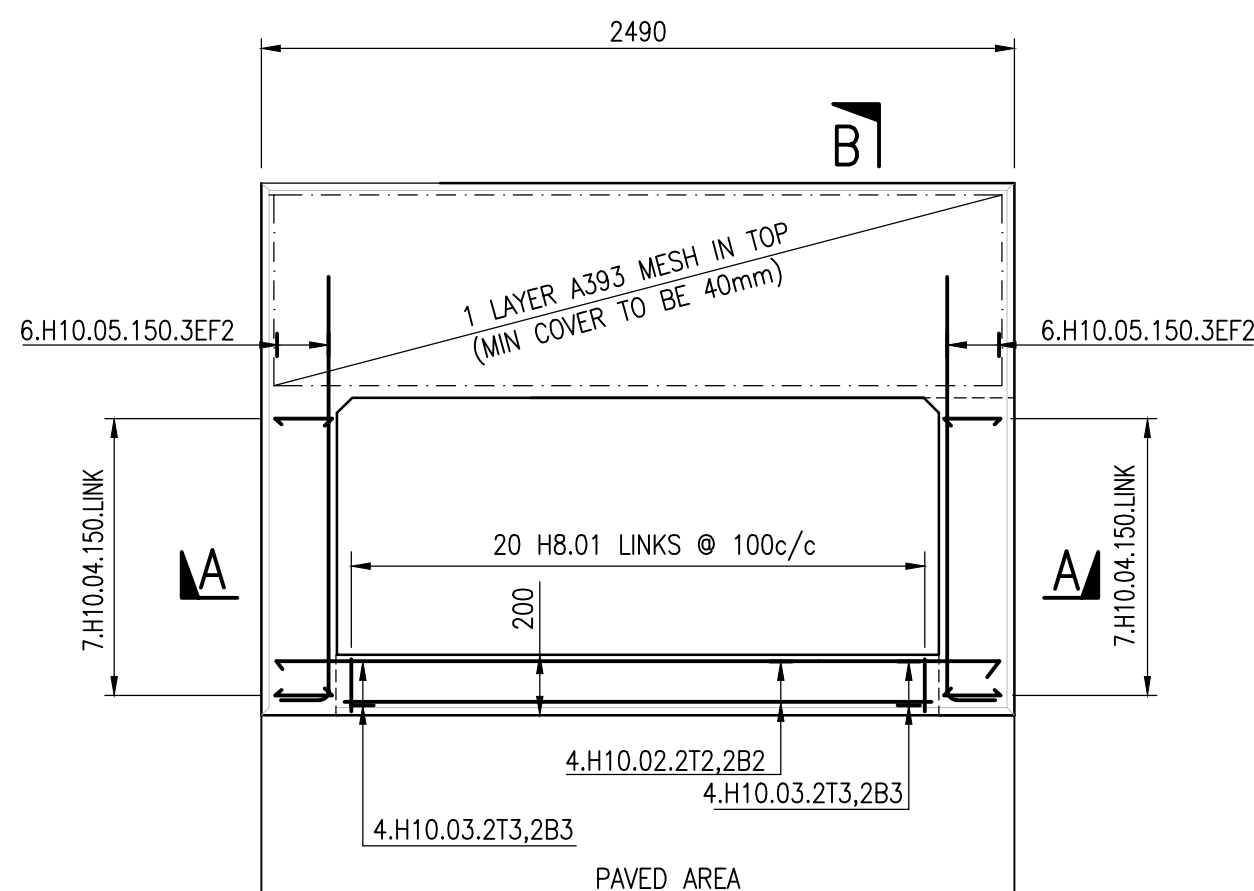
SECTION A-A

SECTION B-B

REINFORCEMENT DETAILS

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	H8	1	20	20	600	51	115	115	
02	H10	1	4	4	1925	00	1925		
03	H10	1	8	8	975	11	375	600	
04	H10	1	14	14	1375	51	165	440	
05	H10	1	12	12	1675	11	130	1550	
A393 MESH FABRIC = 1.5m2									

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



				CIVIL DISTRIBUTION SUBSTATION			
FREDERICK ROAD, SALFORD M6 6QH TEL 0161 6041370				PLINTH FOR SCHNEIDER STANDARD MINI SUBSTATION			
DRAWN	GK	SCALE	1:25	SITE NAME	-	DWG STATUS	APPROVAL
APPROVED	WD	DATE	SEPT 2013	P.F.R. NO.	-	DWG NO	900350-008
OLD DWG NO	-	SHEET SIZE	A2	DWG NO	900350-008	REV	1