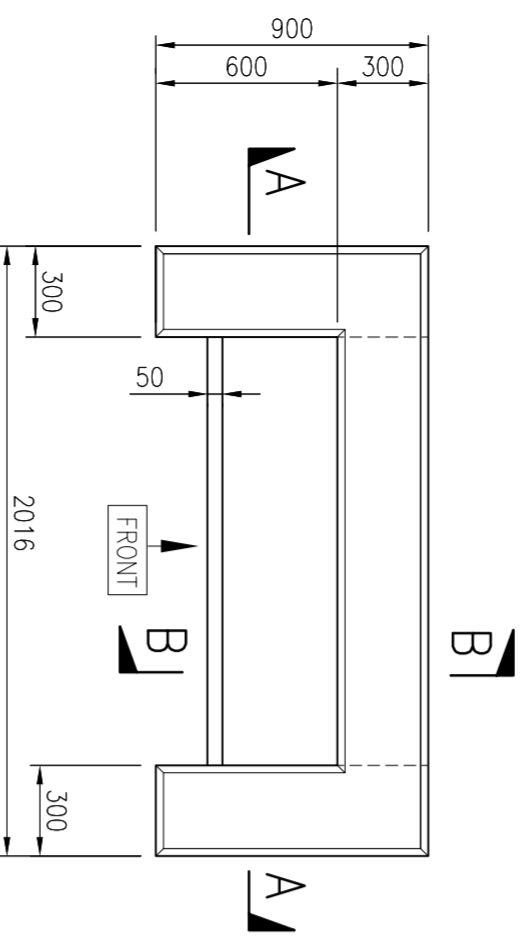
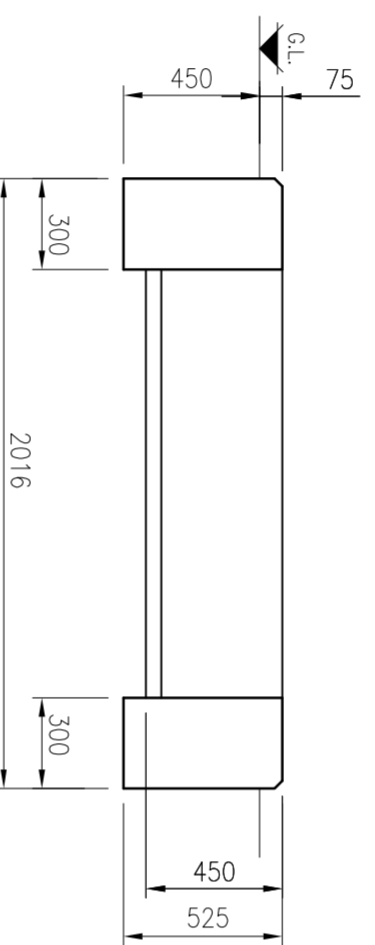


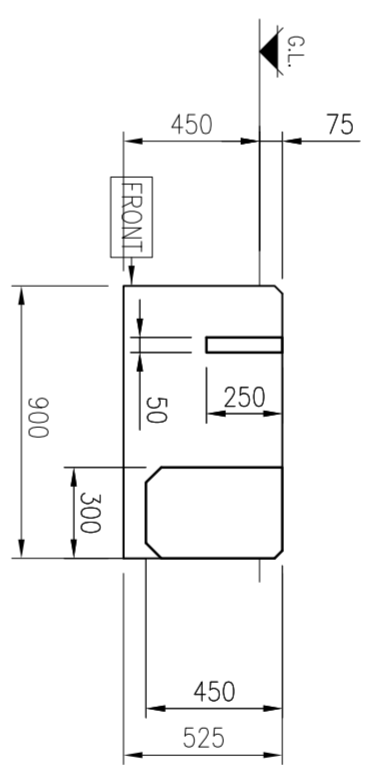
TYPICAL SECTION



PLAN

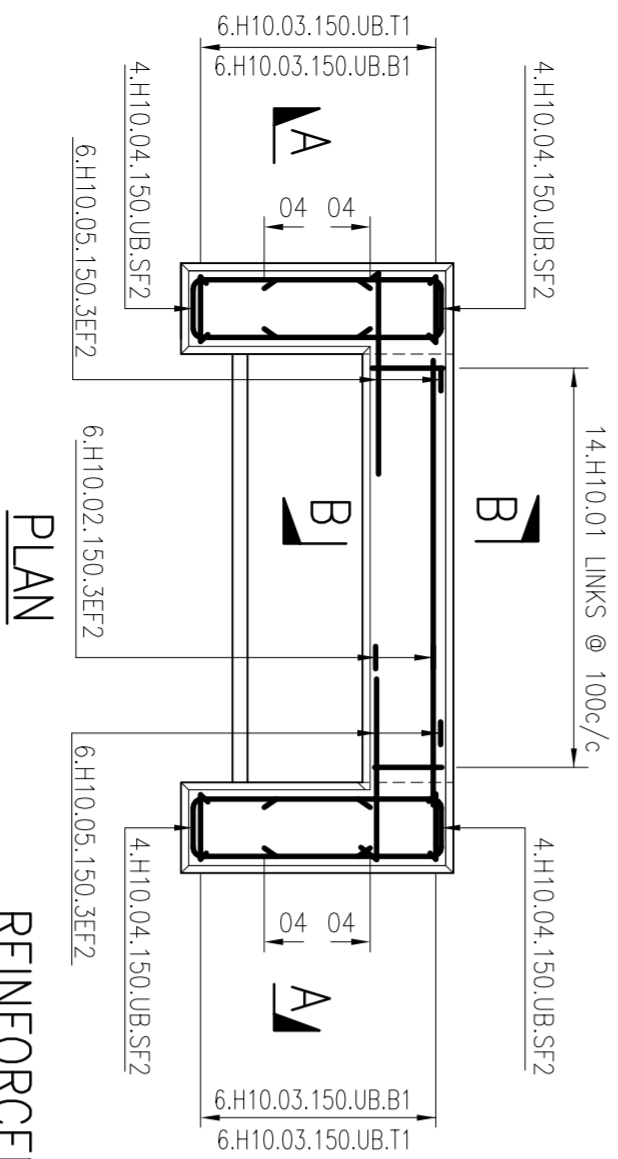


SECTION A-A



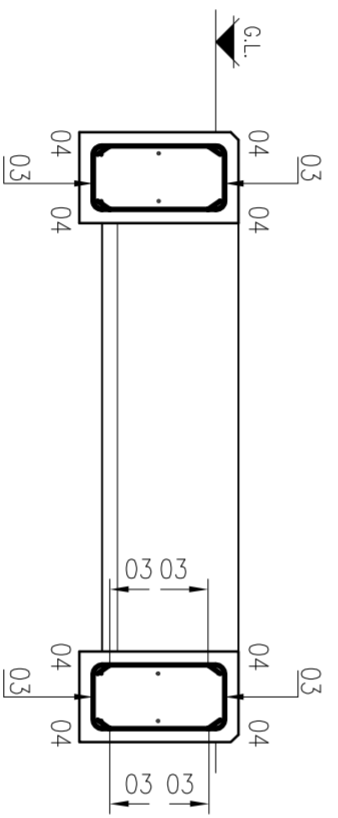
SECTION B-B

CONCRETE GENERAL ARRANGEMENT

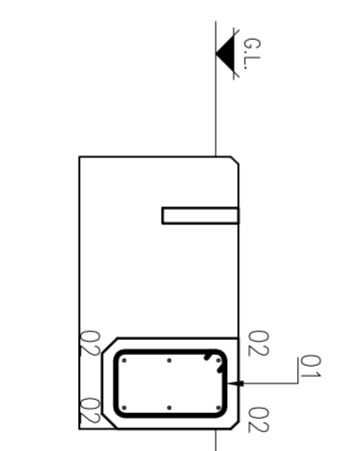


PLAN

REINFORCEMENT DETAILS



SECTION A-A



SECTION B-B

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 FORMWORK FOR THE FUTURE CONNECTION TO THE SWITCH HOUSE EARTHING SYSTEM.

T10 OR T12 REINFORCING BAR, FIXED WITHIN STRUCTURE, TIED TO A 150mm LONG T16 REINFORCING BAR AND TOGETHER CLAMPED WITHIN UBOLT.

CLAMPED CONNECTION WRAPPED WITH DUCK TAPE PRIOR TO POURING CONCRETE

'U' BOLT CLAMP, 25mm ROD DIA, TWIN PLATE, 25x3, BY OMEGA (TEL. No 0115 8767889) TO ACCOMMODATE A 25x4mm EARTH TAPE.



SITE NOTES

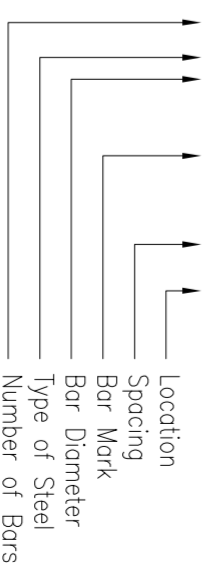
1. CONTRACTOR TO OBTAIN UNDERGROUND CABLE & SERVICE RECORDS PRIOR TO COMMENCEMENT OF ANY WORKS.
2. THE CONTRACTOR MUST ASSUME THAT ANY EXISTING CABLES LOCATED WITHIN THE WORKS ARE LIVE AND LIASE WITH THE ELECTRICITY NORTH WEST ENGINEER FOR ADVICE.
3. SITE SPECIFIC RISK ASSESSMENT TO BE UNDERTAKEN PRIOR 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.
6. B.S.: PIN KERB 250mm x 50mm WITH CONCRETE SURROUND TO BE PLACED AT FRONT EDGE OF THE CABINET.

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 ALL WORK TO 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 - H12 = 420mm
 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
 - B2 Denotes Bottom face, second layer
 - B1 Denotes Bottom face, bottom layer
7. "H" Denotes deformed Type 2 high yield steel bars to BS 4449:2005 - characteristic yield strength 500MPa.

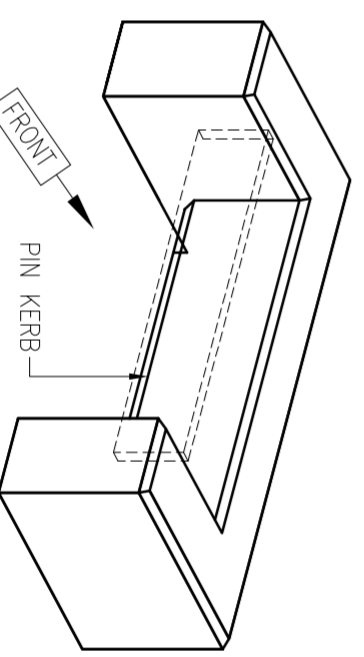


BENDING SCHEDULE TO BS 8666:2005

Bar mark	Type & size	No. of mbrs	No. of bars in each	Total length of each bar + mm	Shape code	A * mm	B * mm	C * mm
01	H10	1	14	1325	51	215	365	
02	H10	1	6	1375	00	1375		(395)
03	H10	1	24	975	21	395	215	(395)
04	H10	1	16	1325	21	580	190	(580)
05	H10	1	12	800	11	170	650	

† Specified in multiples Of 25mm

* Specified in multiples Of 5mm



ISOMETRIC VIEW

FREDERICK ROAD, SALFORD
M6 6QH
TEL 0161 6041370

CIVIL DISTRIBUTION SUBSTATION
PLINTH FOR SCHNEIDER SHIELDED
FEEDER PILLAR 7 WAY 1600A

DRAWN	GK	SCALE	1:25
APPROVED	WD	DATE	SEPT 2013
OLD DWG NO	-	SHEET SIZE	A2
		DWG STATUS	APPROVAL
		DWG NO	900350-010
		REV	1