

OR GRP HOUSING

CONCRETE FOR PLINTH TO BE 1:2:4 MIX OF ORDINARY PORTLAND CEMENT CONCRETE 35N/mm? (28 DAY STRENGTH). 20mm AGGREGATE SHALL BE PLACED & COMPACTED WITHIN ADEQUATE FORWWORK TO ENSURE THAT THE TOP SURFACES ARE TRUE TO PLANE WITH FLOOR TO HAVE STEEL FLOAT FINISH TO CLOSE TOLERANCE OF +/-3mm IN 3m. NO DRILLING TO TAKE PLACE WITHIN 28 DAYS OF CASTING. NO PERCUSSION DRILLS TO BE USED ONLY ROTARY DRILLS. DO NOT OVER-TIGHTEN BOLTS. TYPICAL MAX WEIGHT OF PLANT = 6000Kg. PLINTH SHALL HAVE TYPICAL MIN DEPTH OF 750mm. HOWEVER, THE PLINTH MUST BE SUITABLE WITH RESPECT TO GROUND CONDITIONS AND LOADING, AND MUST BE APPROVED BY ON—SITE STRUCTURAL ENGINEER.

CABLE TRENCH TO BE 800mm WIDE AND TO BE BACK-FILLED AFTER INSTALLATION OF CABLES WITH SAND AND 75mm TOP LAYER OF 14-20mm LIMESTONE CHIPPINGS.

GRP HOUSING TO BE FROM ELECTRICITY NORTH WEST APPROVED SUPPLIER, DOORS TO HAVE HASP & STAPLE TO ACCEPT ELECTRICITY NORTH WEST PADLOCKS. LEFT HAND DOOR TO BE FIRST OPENING LEAF AND COMPLY WITH ES 301

EQUNDATIONS TO BE TAKEN DOWN TO GROUND THAT IS SUFFICIENTLY FIRM TO PROVIDE PHYSICAL SUPPORT TO THE STRUCTURE. SITE PHOTO'S TO BE TAKEN INDICATING EVIDENCE OF FOUNDATION DEPTH WHERE INCREASED DIG IS GREATER THAN 400MM. THESE WILL BE PROVIDED FOR PAYMENT AND AUDIT PURPOSES.

revisions
A) MINOR MODS
B) MINOR MODS
C) LUCY 'SABRE' OUTLINE SHOWN— OVERALL DIMENSIONS INCREASED TO SUIT ABOVE.
D) DRAWING APPD 23/09/03
E) TITLE MODIFIED
F) ISSUED FOR CIRCULATION
G) CONCETE SPEC ADDED, TRENCH WIDENED COMPACTED STONE REPLACED WITH MASS CONCRETE
H) REVISED 28/12/06
i) REVISED 10/06/09
J) REVISED AS REF. ES 301 & ES 352 28/04/10

approved G.H.SMITH date 23/09/03

CONSTRUCTION DETAILS (Will also accommodate SCHNEIDER RN2 SW/GR UNIT SUBSTATION WITH FOR Lucy Sabre sw/gr) STANDARD G.R.P.

site

scale DO NOT SCALE

scheme number

drawing number .S352-A2-0 6/02J sheet SECTION A-A

SECTION

B-B

150 THICK CONSOLIDATED HARDCORE AS REQUIRED WITH SAND BLINDING.
REAR SUPPORTING CONCRETE SLAB MAY BE SUBSTITUTED WITH MASS POURED, FULL DEPTH CONCRETE 750mm DEEP.

6 No. T10 BARS 3000 L — EQUI — SPACED, 50 COVER BOTTOM & SIDES

FOUNDATION

PLAN

750min

GROUND LEVEL.

200

CONCRETE SLAB REINFORCED WITH A193 STEEL MESH TO BS4483 LAID AS SHOWN WITH 50mm MINIMUM COVER.

425

2400

150

1450

425

425

NOTE

425

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

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1350

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550

75 300

800

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3850

NOTE

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NOTE 'B'

10/4

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A 193 1T 1B — 40mm COVER TOP EDGES,
50mm COVER BOTTOM EDGES.
A193 MESH — 40mm COVER TO TOP EDGES
(2 SHEETS)
A193 MESH — 40mm COVER TO TOP EDGES

MESH REINFORCEMENT

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