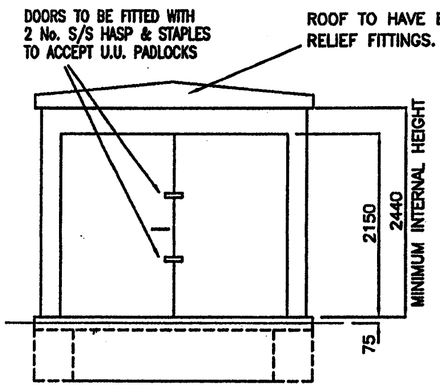
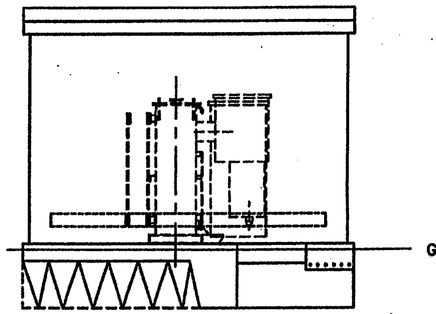
GENERAL SPECIFICATION FOR GRP HOUSING ENCLOSURE

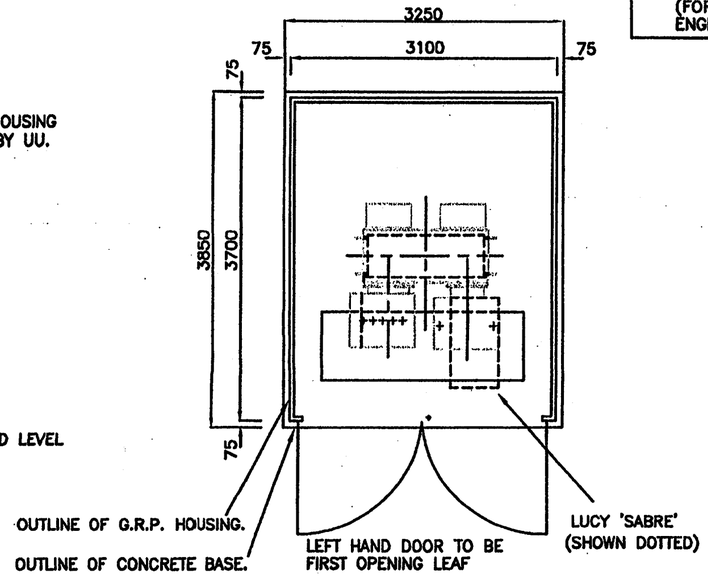
(FOR DETAILED SPECIFICATION SEE ENGINEERING SPECIFICATION 301)




FRONT ELEVATION




SIDE ELEVATION




PLAN

NOTES:

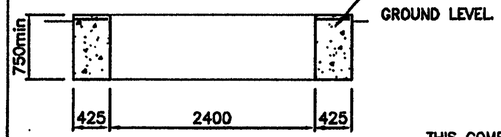
CONCRETE FOR PLINTH TO BE 1:2:4 MIX OF ORDINARY PORTLAND CEMENT
CONCRETE 35N/mm² (28 DAY STRENGTH).
20mm AGGREGATE SHALL BE PLACED & COMPACTED WITHIN ADEQUATE FORMWORK TO ENSURE THAT THE TOP SURFACES ARE TRUE TO PLANE WITH FLOOR TO HAVE STEEL FLOAT FINISH TO CLOSE TOLERANCE OF +/-3mm IN 3m.
NO DRILLING 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 BY UNITED UTILITIES AFTER INSTALLATION OF CABLES WITH SAND AND 75mm TOP LAYER OF 14-20mm LIMESTONE CHIPPINGS.

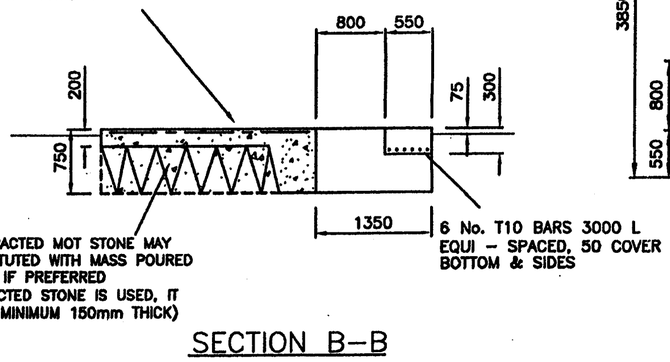
GRP HOUSING TO BE FROM U.U.-APPROVED SUPPLIER. DOORS TO HAVE DOUBLE HASP & STAPLE TO ACCEPT U.U. PADLOCKS. LEFT HAND DOOR TO BE FIRST OPENING LEAF.

revisions

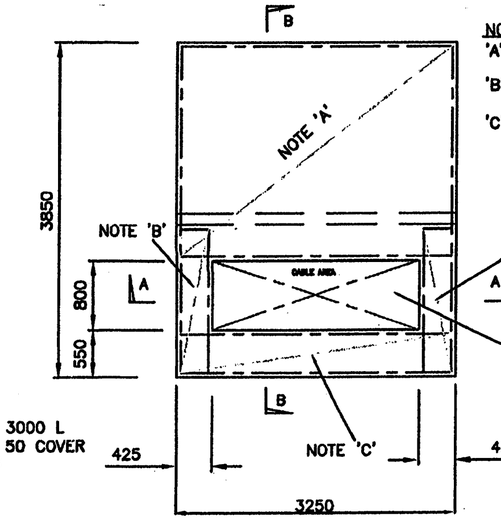
A) MINOR MODS
B) MINOR MODS
C) LUCY 'SABRE' OUTLINE SHOWN- OVERALL DIMENSIONS INCREASED TO SUIT ABOVE.
D) DRAWING APPD 23/09/03
E) TITLE MODIFIED
F) ISSUED FOR CIRCULATION
G) CONCETE SPEC ADDED, TRENCH WIDENED COMPACTED STONE REPLACED WITH MASS CONCRETE 16-01-06
H) REVISED 28/12/06




SECTION A-A




SECTION B-B




FOUNDATION PLAN

NOTE - MESH REINFORCEMENT
'A' - A 193 1T 1B - 40mm COVER TOP EDGES, 50mm COVER BOTTOM EDGES.
'B' - A193 MESH - 40mm COVER TO TOP EDGES (2 SHEETS )
'C' - A193 MESH - 40mm COVER TO TOP EDGES

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

PLANNING
ACK'D
REPLIED
RECD 18 APR 2008

United Utilities

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

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

site
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scale DO NOT SCALE (1:50 Approx)

scheme number

drawing number UU-A2-016/02H sheet