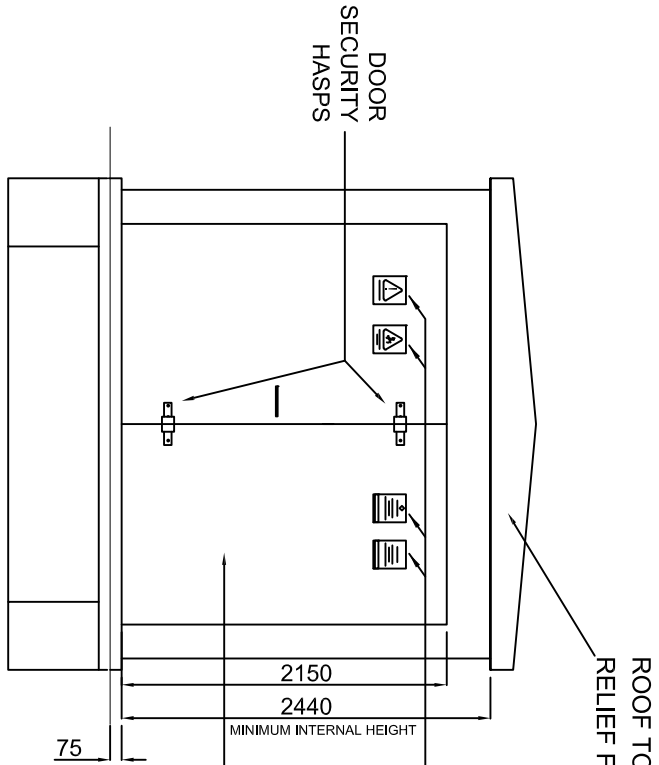


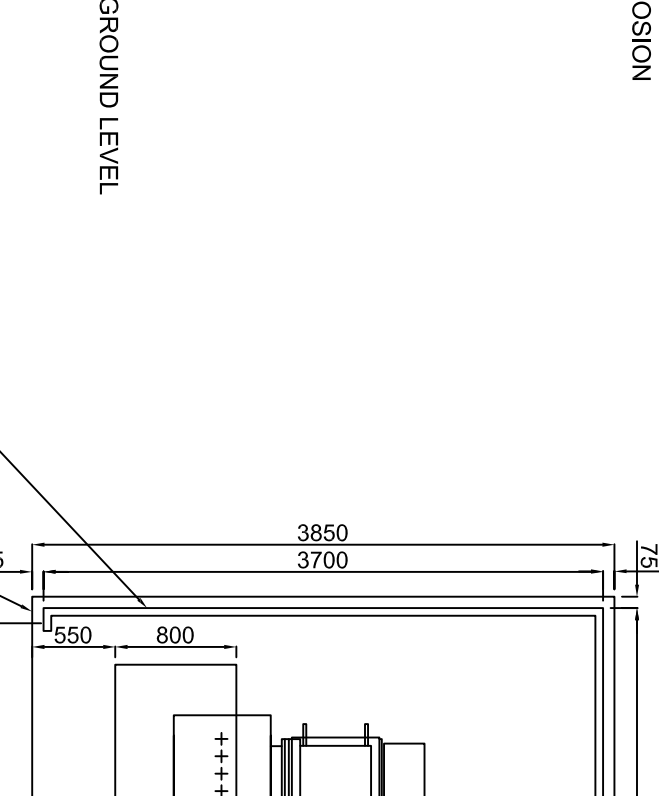
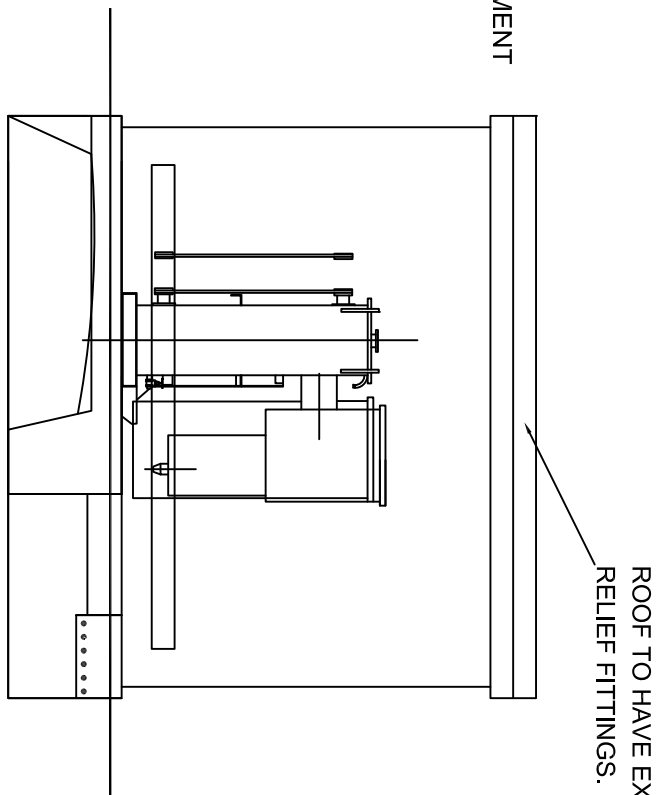


ROOF TO HAVE EXPLOSION RELIEF FITTINGS.

ESOCR RESPONSIBILITIES BY ENERGETICS
DANGER OF DEATH NOTICES COMMENSURATE WITH RISK ASSESSMENT

INFORMATION/WARNING NOTICES, SF6 WITHIN, ENERGETICS PROPERTY NOTICE, ENWL IDNO WARNING NOTICE

DOORS 2 No. 1220mm WIDE X 2150mm HIGH FITTED WITH 3 No. 100 x 75 S.S. BUTT HINGES EACH LEAF. 1 No. S.S. PADLOCK HASPS, WITH DUAL ACCESS ARRANGEMENTS. 2 No. SPRING LOADED SLIP BOLTS AND 2 No. DOOR STAYS



ROOF TO HAVE EXPLOSION RELIEF FITTINGS.

OUTLINE OF G.R.P. HOUSING.

OUTLINE OF CONCRETE BASE.

LEFT HAND DOOR TO BE FIRST OPENING LEAF

PLAN

Equipment Ownership

ENWL Approved Equipment

SF6 Ring Main Unit for direct coupling fitted with internal arc control and generally to EATS 35-1 specification. Fitted with integral ring switch cable testing facility, gas pressure indicator and overcurrent/earth fault protection using CT operated trip coils with the

Bushbars 630A Short time withstand 162/1kA 3s Normal current rating 630A/200A Normal rated voltage 12/13.8kV Normal rated BIL 7595kV

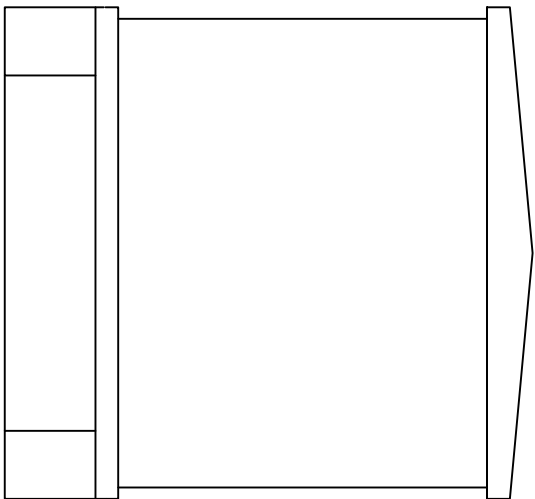
Energetics

Transformer to EATS 35-1 Issue 4 and IEC60076 Distribution Transformers

Take Off Chamber-2 way to 6 way fitted with generator connectors and housing LV metering CT's class 0.5

Earthing-HV and LV earthing to EATS-41-24

Enclosure-Gel coated glass fibre reinforced polyester resin laminate enclosure. Where brick or other enclosure is specified, internal dimensions will be maintained.



REAR ELEVATION

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

GROUND LEVEL.

THIS COMPACTED MOT STONE MAY BE SUBSTITUTED WITH MASS POURED CONCRETE IF PREFERRED

FULL DEPTH CONCRETE 750mm DEPTH, (IF COMPACTED STONE IS USED, IT SHALL BE MINIMUM 150mm THICK)



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

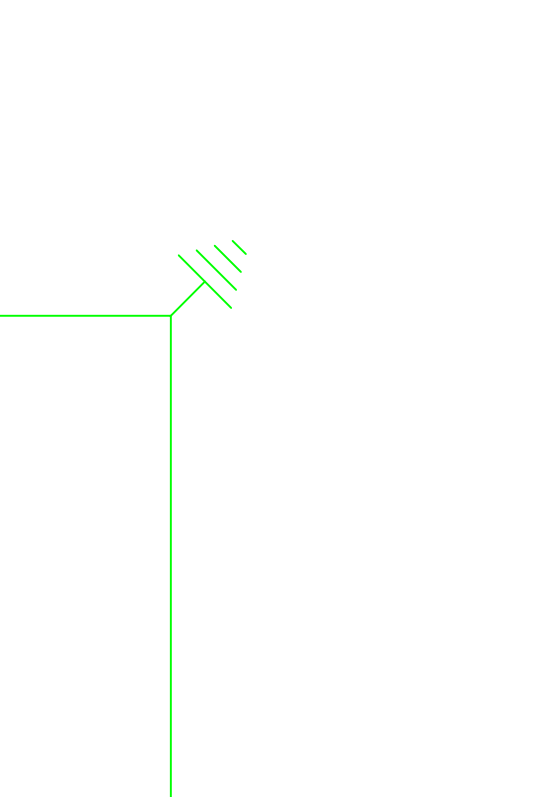
NOTE 'A'

NOTE 'B'

NOTE 'C'

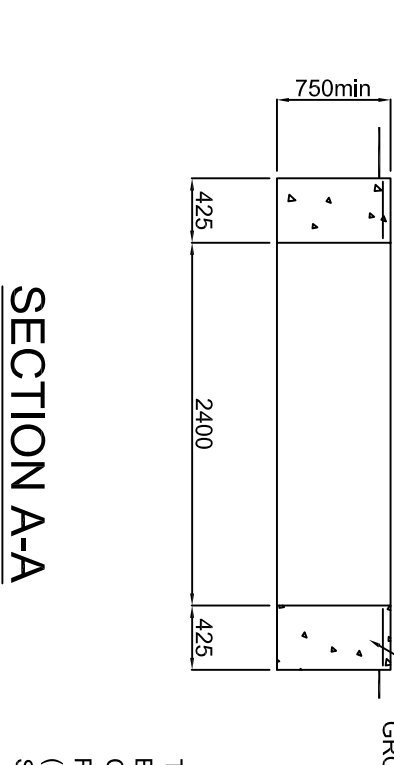
CABLE AREA

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



3x 12m Earth Rod driven to allow 0.5m covering to top of rod - Where practicable

INCOMING HV Where required Bare 50mm Copper laid with incoming cables, up to a maximum distance of 200m or as far as practicable. Conductor to be laid in separate directions for best effect.

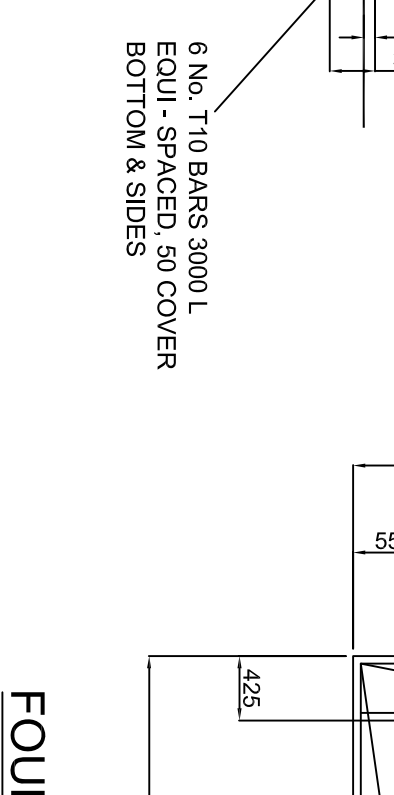


SECTION A-A

GROUND LEVEL.

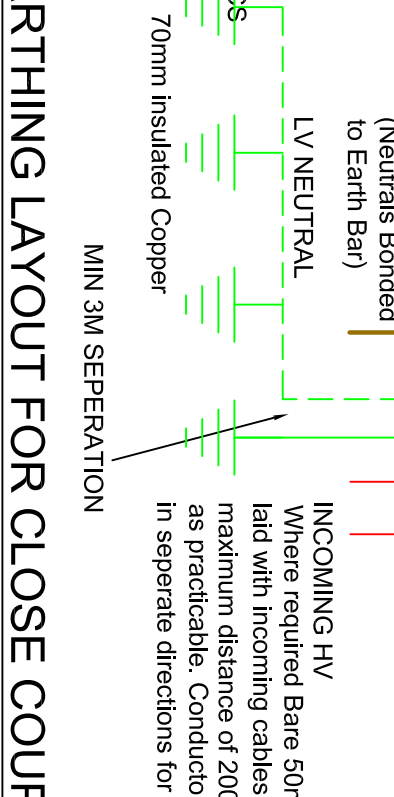
THIS COMPACTED MOT STONE MAY BE SUBSTITUTED WITH MASS POURED CONCRETE IF PREFERRED

FULL DEPTH CONCRETE 750mm DEPTH, (IF COMPACTED STONE IS USED, IT SHALL BE MINIMUM 150mm THICK)



SECTION B-B

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



FOUNDATION PLAN

EARTHING LAYOUT FOR CLOSE COUPLED S/S

MIN 3M SEPERATION

INCOMING HV Where required Bare 50mm Copper laid with incoming cables, up to a maximum distance of 200m or as far as practicable. Conductor to be laid in separate directions for best effect.

INCOMING LV (Neutrals Bonded to Earth Bar)

LV NEUTRAL

70mm Insulated Copper

MIN 3M SEPERATION

HV EARTH Loop of 70mm BARE Copper tape / conductor

LV EARTH BAR

Switch HV

T.O.C

Distribution Combined HV & LV Earthing

Linked Closed Where

INCOMING LV (Neutrals Bonded to Earth Bar)

LV NEUTRAL

70mm Insulated Copper

MIN 3M SEPERATION

HV EARTH Loop of 70mm BARE Copper tape / conductor

LV EARTH BAR

Switch HV

T.O.C

Distribution Combined HV & LV Earthing

Linked Closed Where

INCOMING LV (Neutrals Bonded to Earth Bar)

LV NEUTRAL

70mm Insulated Copper

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HV EARTH Loop of 70mm BARE Copper tape / conductor

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