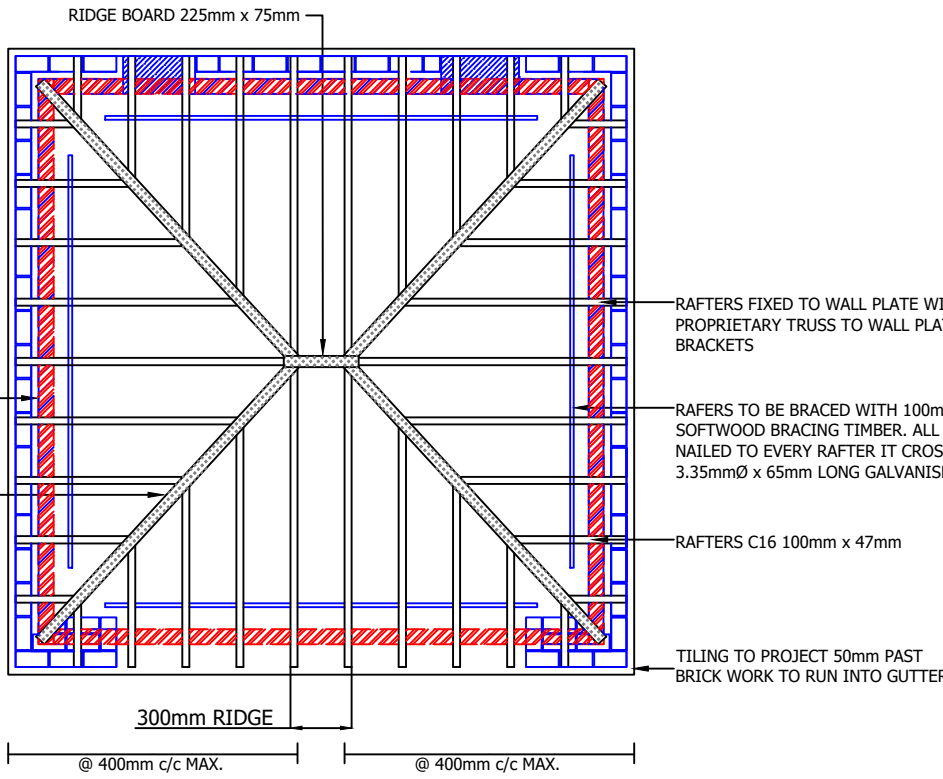




LED LIGHT FIXED AT HIGH LEVEL, CENTRALLY ON WALL BETWEEN VENTS

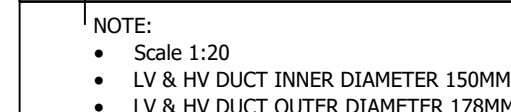
2 No. 13A SWITCHED SOCKET OUTLETS

DISTRIBUTION BOARD

2 LED LIGHTS FIXED AT HIGH LEVEL, CENTRALLY ON WALL EITHER SIDE OF DOOR

1 LIGHT SWITCH

ELECTRICAL LAYOUT



GENERAL NOTES	
1.	IF IN DOUBT - ASK !!! DO NOT SCALE
2.	THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS IN THIS SERIES AND THE GTC SUBSTATION SPECIFICATION.
3.	ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND BUILDING PRACTICE
4.	ALL DIMENSIONS TO BE CHECKED PRIOR TO STARTING THE WORKS ON SITE. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5.	CONTRACTOR TO ASCERTAIN THE LOCATION OF SERVICES ON SITE PRIOR TO STARTING WORK.
6.	IF REQUIRED, WATER CAPTURE RECESS OF DIMENSIONS 150mm X 150mm X 25mm TO BE LOCATED IN CABLE PIT. MAXIMUM PERMISSIBLE DEPTH IS 25mm TO AVOID INTERFERENCE WITH REINFORCEMENT AND TO MAINTAIN FULLY BUNDLED PIT.

THE SUPPLY FOR THE SUBSTATION POWER AND LIGHTING WILL BE TAKEN FROM THE TRANSFORMER MOUNTED FUSE CABINET AUXILIARY FUSE WAY USING 6mm² COPPER SWA PVC CABLE TO SUPPLY A SINGLE PHASE 25A STREET LIGHTING CUT OUT MOUNTED ABOVE THE POWER AND LIGHTING FUSE BOARD. THIS WILL FEED A 100A CONSUMER UNIT WITH A MINIMUM OF 4 MCB CONTROLLED WAYS (2No 16A FOR POWER AND 1No 6A FOR LIGHTING WITH A SPARE 16A WAY FOR SPECIAL REQUIREMENTS SUCH AS SCADA OR REMOTE ACTUATOR UNITS. EACH OUTGOING WAY WILL BE LABELED TO IDENTIFY CIRCUITS.

THREE 17W LED BULKHEAD LIGHTS TO AT LEAST IP56 SPECIFICATION WILL BE FITTED TO THE WALLS (ONE EITHER SIDE OF DOOR AND ONE CENTRE REAR WALL) AND CONTROLLED BY A NON METALLIC FULLY INSULATED LIGHTING SWITCH FITTED 1350mm ABOVE FINISHED FLOOR LEVEL ON THE WALL ADJACENT TO LEFT OPENING DOOR.

THE ELECTRICAL INSTALLATION IS TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF BS7671 - IEE WIRING REGULATIONS

AT HOT SITES ALL FITTINGS, SWITCHES AND CONDUIT MUST BE NON-METALLIC AND FULLY

TRANSFORMER MOUNTED FUSE CABINET MUST BE LABELED WITH WARNING SIGN: "DO NOT USE, HOT SITE".

GTC APPROVED - GRP SUBSTATION DOORS, STEEL VENTILATORS AND GRP TRENCH COVERS
WOLSELEY (FORMALLY UTILITY POWER SYSTEMS), CARWOOD ROAD, CHESTERFIELD
TRADING ESTATE, CHESTERFIELD, DERBYSHIRE, S41 9QB
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Email: sales@utilitypowersystems.co.uk

GTC APPROVED - STEEL DOORS AND VENTILATORS:
BRADBURY ENGINEERING, DUNLOP WAY, QUEENSWAY INDUSTRIAL ESTATE, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN16 3RN
Tel: 01724 271999
Fax: 01724 271888
Email: sales@bradburyuk.com

encc
the electricity network co

SHEET SIZE	A1
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