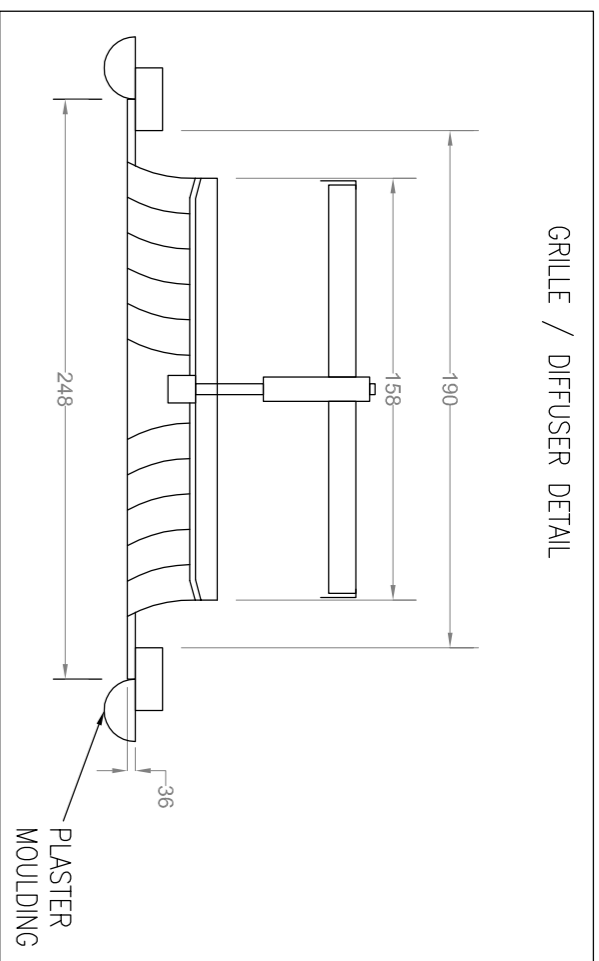
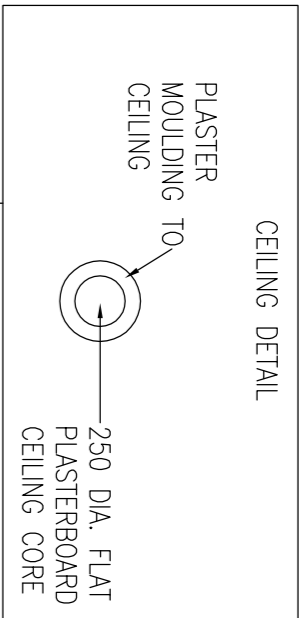


**HEALTH & SAFETY COMMENTS**

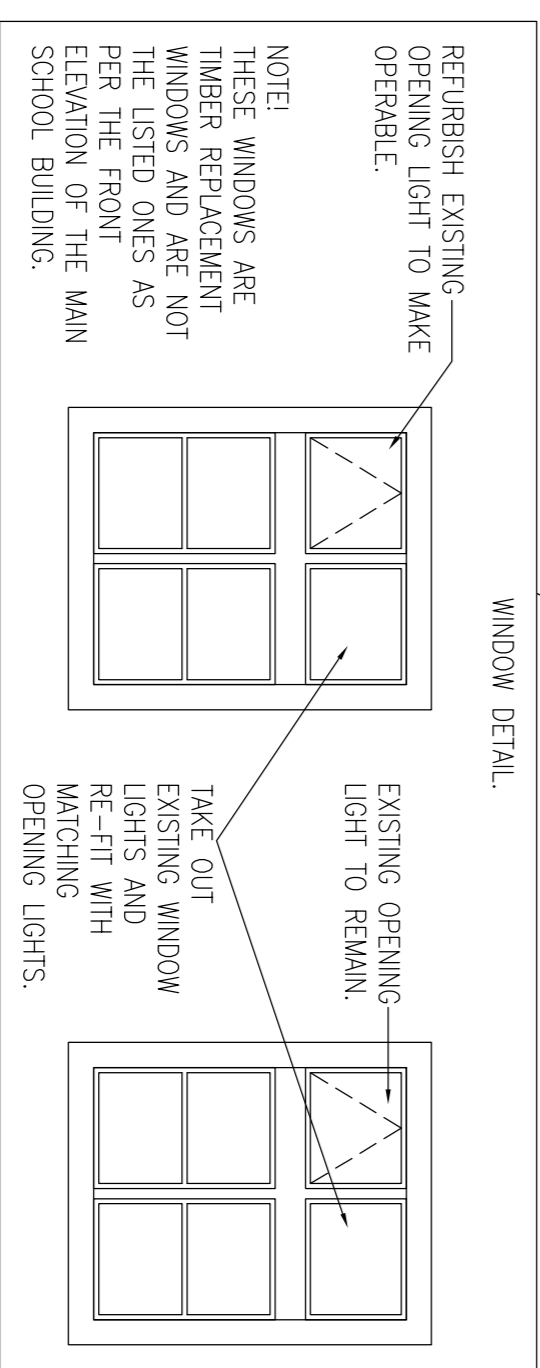
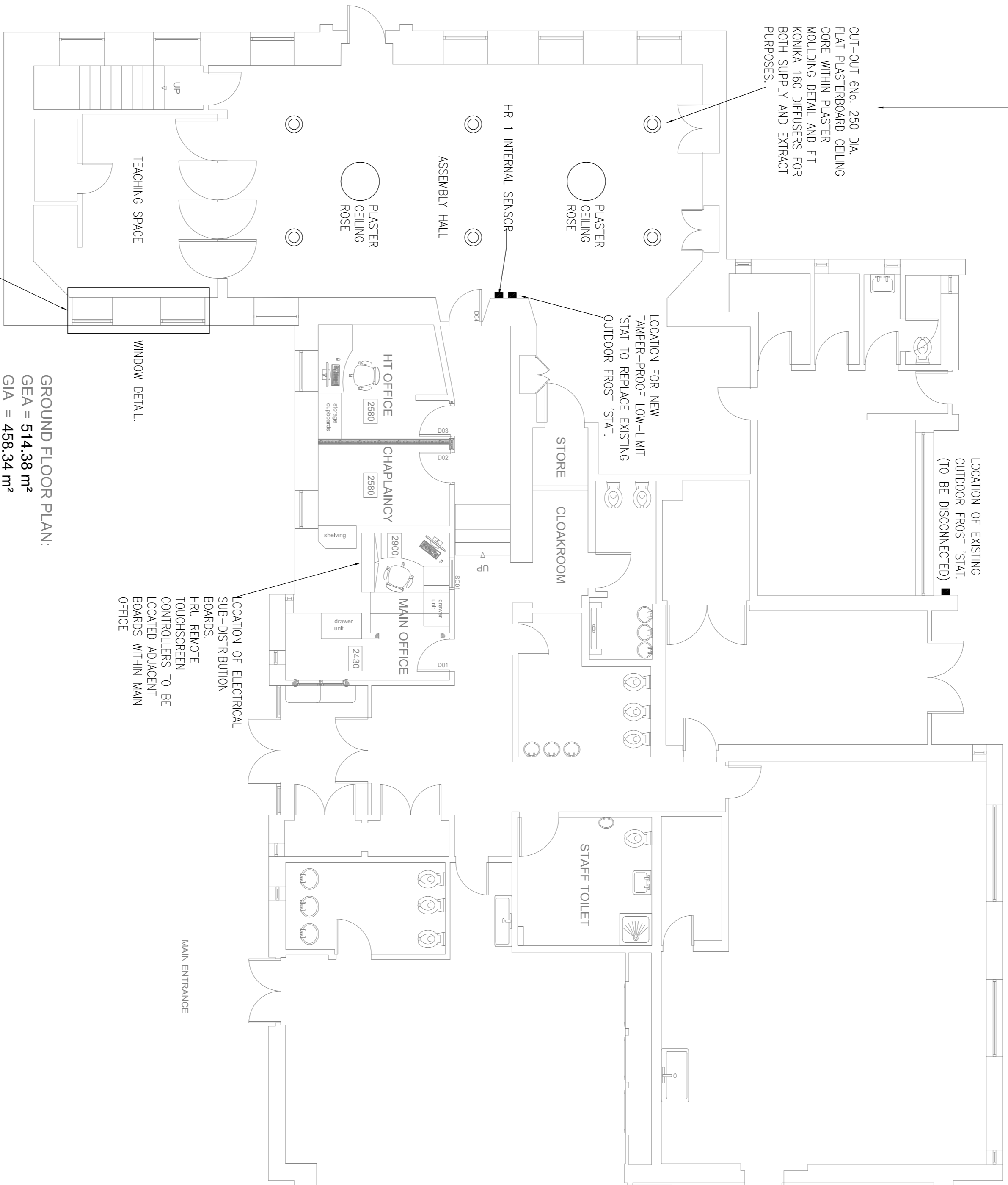
working on live services – loss of service  
working in existing ceiling/roof void – working at height  
working adjacent existing electrical equipment

**PARTICULAR SPECIFICATION**

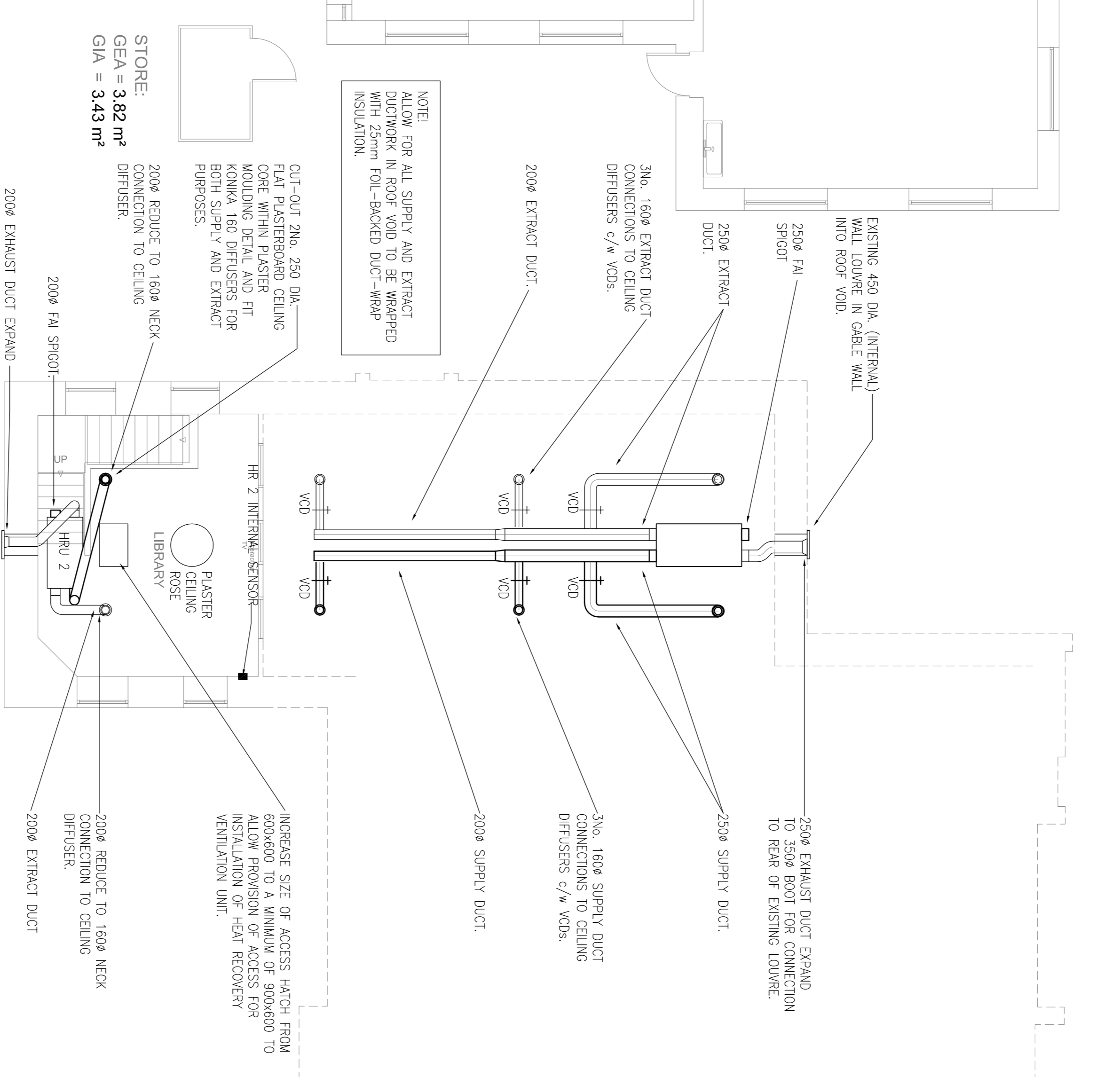
1. This drawing is diagrammatic only. No dimensions shall be taken from the drawing. All measurements are to be verified on site by the contractor during the pre-tender visit.
2. This drawing shall be read in conjunction with LCC standard engineering specifications for heating & ventilation services.
3. All new ductwork shall be insulated in accordance with the standard specification.
4. The contractor is to allow for a 200g PVC condensate waste pipe from each unit to drain.



CUT-OUT 6No. 250 DIA FLAT PLASTERBOARD CEILING CORE WITHIN PLASTER Moulding DETAIL AND FIT KONKA 160 DIFFUSERS FOR BOTH SUPPLY AND EXTRACT PURPOSES.



NOTE: THESE WINDOWS ARE TIMBER REPLACEMENT WINDOWS AND ARE NOT PER THE LISTED ONES AS PER THE FRONT ELEVATION OF THE MAIN SCHOOL BUILDING.



NOTE: ALLOW FOR ALL SUPPLY AND EXTRACT DUCTWORK IN ROOF VOID TO BE WRAPPED WITH 25mm FOIL-BACKED DUCT-WRAP INSULATION.

LOCATION OF ELECTRICAL SUB-DISTRIBUTION BOARDS, HRU REMOTE TOUCHSCREEN CONTROLLERS TO BE LOCATED ADJACENT BOARDS WITHIN MAIN OFFICE

HR 1 – S&P (SOLER & PALAU) HEAT RECOVERY VENTILATION UNIT MODEL – CAD9-HE D 08 PRO-REG OR EQUAL AND APPROVED. UNIT SUPPLIED WITHOUT HEATER BATTERY BUT WITH STANDARD FILTRATION UNITS. 240V, 1ph, 50Hz – 1.1A MAX. CURRENT, WEIGHT 180kg.

HR 1 – S&P (SOLER & PALAU) HEAT RECOVERY VENTILATION UNIT MODEL – CAD9-HE D 04 PRO-REG OR EQUAL AND APPROVED. UNIT SUPPLIED WITHOUT HEATER BATTERY BUT WITH STANDARD FILTRATION UNITS. 240V, 1ph, 50Hz – 0.6A MAX. CURRENT, WEIGHT 145kg.

UNITS TO BE SUPPORTED ON TIMBERS SPANNING JOISTS AND c/w AV MOUNTING FEET. IF REQUIRED BY ELECTRICAL SUPPLIES TO THESE UNITS TO BE TAKEN FROM CIRCUIT REF. 602 SERVING LIBRARY / COMPUTER ROOM. UNITS TO BE COMPLETE WITH REMOTE TOUCH SCREEN CONTROLLERS & REMOTE HUMIDITY ROOM SENSORS

**JRFB**  
ENVIRONMENTAL DESIGN LTD  
M&E BUILDING SERVICES CONSULTING ENGINEERS  
Wales Office Park, 10 Cedar Avenue, Budeauk Village, Clunwg, NP23 7NA  
Tel: (01773) 337390 Fax: (01773) 458486  
e-mail: enquiries@jrb.co.uk

01/08/16	T2	HRU controllers & sensor positions added
11/07/16	T1	Issued for tender
DATE	REV	NOTES
		NOTE DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING. ALL WORKING DIMENSIONS ARE TO BE TAKEN FROM THE DRAWING. ALL DIMENSIONS ARE TO BE TAKEN FROM THE DRAWING. ALL DIMENSIONS ARE TO BE TAKEN FROM THE DRAWING.
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		TOWN NAME Cilthreop, Slaidburn
		PREMISES NAME Breannans Endowed Primary School, Church St., BB7 3ER
		PREMISES NO. 11067
		PROJECT New Ventilation Installation Hall & Upper Teaching space

DRAWING TITLE  
Mechanical Services  
Ground, Upper Floor, Roof Space

SCALE @ A1  
1:75

DRAWN BY  
JASD

DATE  
Jul 16

CHECKED BY  
-

**Lancashire County Council**

**Design & Construction**

PO BOX 26, COUNTY HALL, PRESTON, PR1 9RE TEL: 0500 1236701	PROJECT NO. 3770	DRAWING NO. M01	REVISION T2
	DRAWING STATUS <b>TENDER</b>		