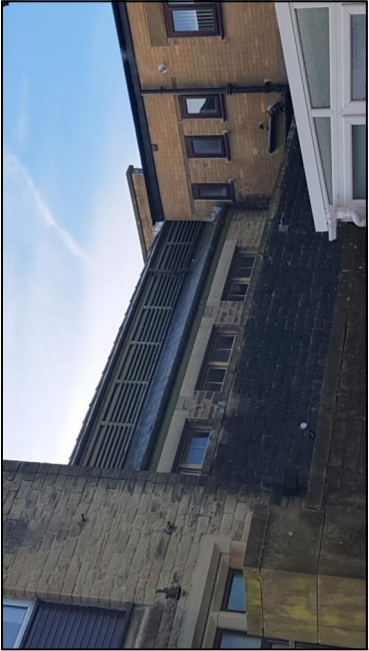
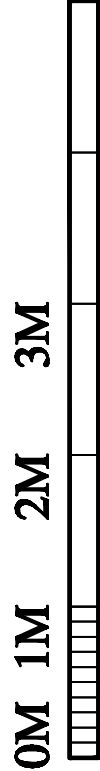


PROPOSED REAR ELEVATION

PROPOSED 05



REVISIONS:

BYRON STREET
BUXTON

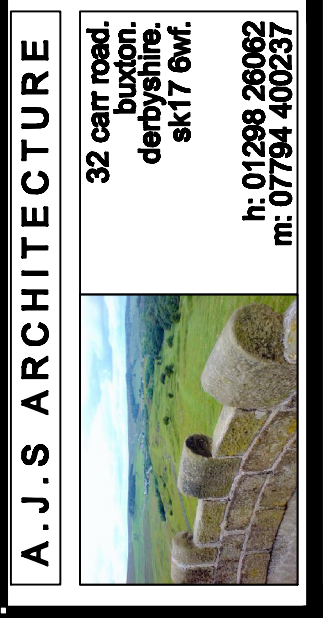
EQUIP MIDLANDS

SCALE: 1:50

DATE: NOV'17	DRAWN: AJS	CHECK: AJS
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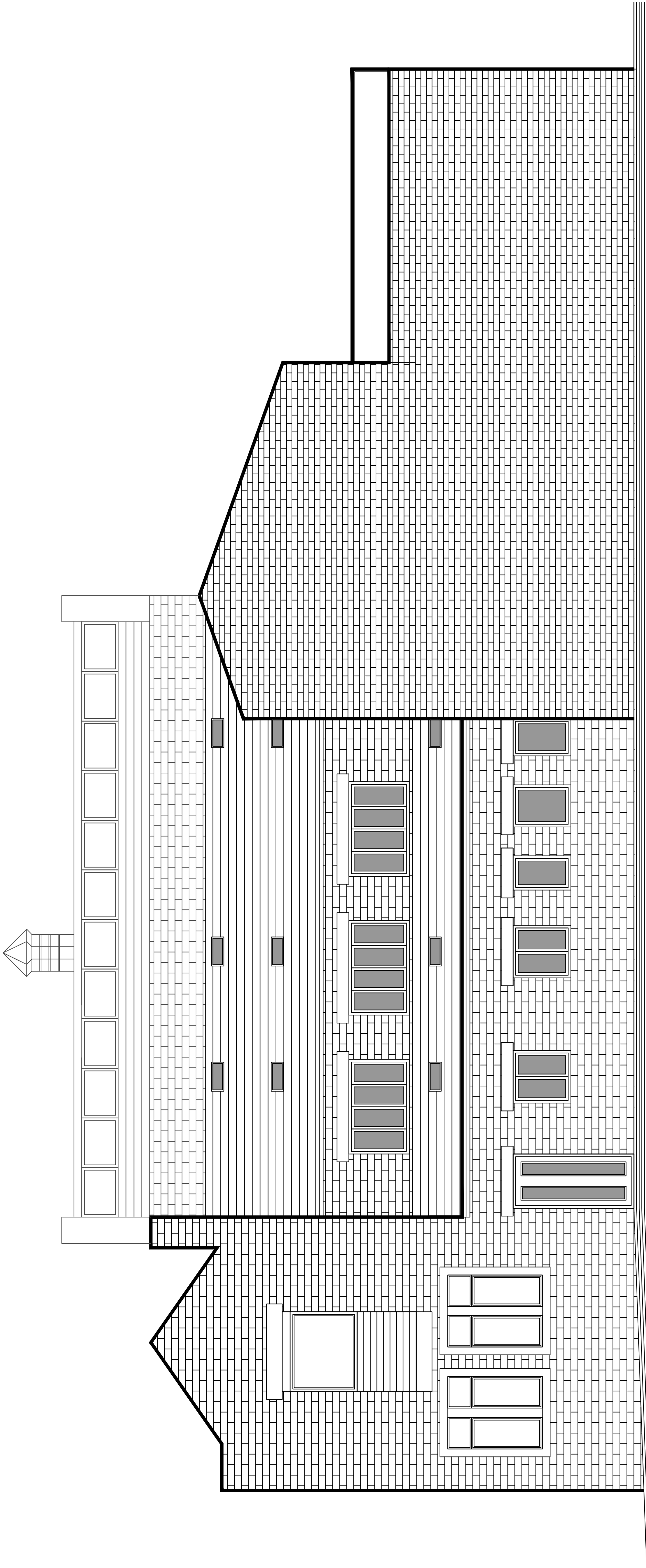
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PROPOSED 05

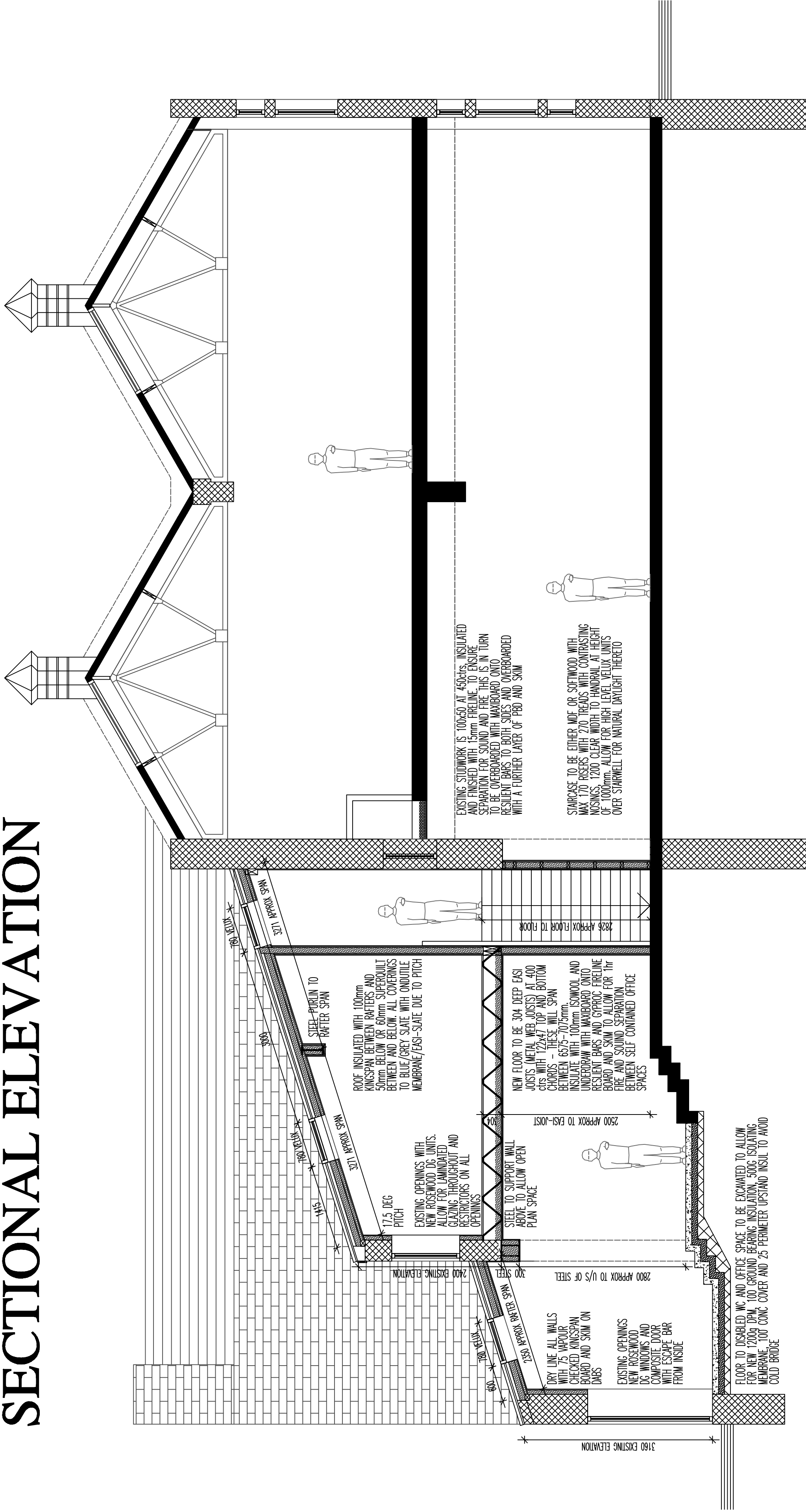
B REGS COMPLIANT

PROPOSED ELEVATIONS TO OFFICE SPACE 1:50

EQUIP MIDLANDS, EXISTING 1:50



SECTIONAL ELEVATION



THE FIRST PART OF THE WORKS WILL INVOLVE THE REMOVAL OF THE EXISTING LOW-RISE CONCRETE FLAT ROOF AND THE FIRST FLOOR ROOF STRUCTURE TO THE STEPPED BACK ELEVATION - BOTH THESE ELEVATIONS HAVE EXISTING WINDOW OPENINGS AND THESE ARE TO BE RETAINED. NEW ROOF STRUCTURES WILL BE PITCHED AT AN ANGLE OF 17.5DEG WITH EITHER AN ONDULITE OR EASY-SLATE MEMBRANE BENEATH DUE TO THE LOW PITCH IN ORDER TO TAKE THE ROOF COVERINGS OF SLATE TO MATCH NEW PATTERS TO BE 15x75/5 C24 GRADE TREES AT 450cmTS WITH MID SPAN STEEL PURCHING TO THE UPPER FLOOR TO FREE SPAN SIZE TO SUIT (TO BE BOILED AND WELDED IN SITU - REFER TO CALCS TO BE SUPPLIED UNDER SEPARATE COVER) OR INSULATED BETWEEN AND BELOW THE PATTERN LINE IN EITHER 60mm SUPERQUILT OR 100mm KINGSSPAN BETWEEN AND 50 KINGSSPAN ABOVE. ALLOW FOR ALL DOUBLE DIMENSIONS TO FRAME VELUX UNITS AS SHOWN.

THE GROUND FLOOR AREA HAS VARIOUS CHANGES OF LEVEL - THESE ARE TO BE RATIONALISED TO A CERTAIN EXTENT TO THE DATUM POINTS SHOWN WITH THE EXISTING WC AND OFFICE FLOORS TO BE BROKEN UP AND EXCAVATED DOWN TO ALLOW FOR A NEW DPC LINE (STEPPED AS REQUIRED). 100mm XTRATHERM INSULATION, 50mm PERIMETER INSULATING MEMBRANE AND 100mm CONCRETE COVER OVER (ALLOW 25mm PERIMETER INSULATING MEMBRANE AND 100mm NEW STAIRCASE WILL LEAD UP TO THE FIRST FLOOR OFFICE SPACE OVER WITH STAIRCASE TO BE 100mm OR 150mm TIMBER WITH MAX FLOOR RISERS AND 270 TREADS. ALL JOISTS ARE TO BE CONTRASTING WITH HANDRAIL AT 1000mm HEIGHT WITH 1200 MM CLEAR WIDTH TO STAIRCASE.

THE NEW FIRST FLOOR AREA IS TO BE UNDERPANEL IN 3/4" DEEP E60-JOISTS BY WOLF SYSTEMS TO ALLOW FOR THE REQUIRED SPANS. ALLOW FOR ALL TRIMMING TO THE SHAWNEEL AS REQUIRED. THE VOID AREA IS TO BE INSULATED WITH 100mm R-19 RESILIENT SOUND INSULATION, UNDERPANEL WITH ONE LAYER OF WAXBOARD TO PROTECT BARS AND ONE LAYER OF 15mm FIRELINE BOARD AND SKIM. DECK OVER TO BE MIN. 22mm PLYBOARD DECK WITH FINISH AS REQUIRED. ALLOW FOR STEPPED EXIT OFF THE LANDING AREA TO ALLOW FOR SECONDARY ESCAPE TO THE EXISTING SIDE OFFICE SPACES AS SHOWN.

ALL EXISTING WALLS ARE TO BE TREATED TO REMOVE EXISTING DAMP AND DRY LIGN, ONTO DASH FINISH WITH A WAPOUR CURTAIN. 75mm CONCRETE BOARD TO BE PLASTERBOND AND SKIM FINISH. ALL EXISTING WINDOW OPENINGS ARE TO BE REBUILT WITH NEW SKIM FINE GLAZED UNITS. PROVIDED TO MATCH THOSE OF THE MAIN BUILDING. ALLOW FOR ALL RESTRICTOR STAYS AND LAMINATED UNITS. BELOW 800mm, ALL NEW STUWORK IS TO BE 100x50 SW AT 450cpts WITH ISOVER 1200 QUILT AND ONE LAYER OF 15mm PRELINE WITH 15mm BOARD FINISH TO ALL ETC AND THEN MBOARD ON RESILIENT BARS WITH 15mm PRELINE BOARD FINISH TO ALL BEARING STRUCTURE. THE EXISTING SEPARATING SLAB HAS BEEN INSULATED AND IS SEPARATED WITH ONE LAYER OF PRELINE. TO ENSURE SEPARATION OVERBOARD AND THIS WITH MBOARD ON RESILIENT BARS AND FINISH WITH FURTHER LAYER OF PRO AND SKIM.

UNDERLIE ALL NEW ELECTRICAL WORKS IN ACCORDANCE WITH PART P OF BUILDING REGULATIONS FOR COMMERCIAL BUILDINGS AND THE RELEVANT BS THERETO. THE BUILDING CURRENTLY HAS A FULL INTEGRATED ALARM AND DETECTION SYSTEM. ALLOW FOR NEW DETECTION TO EACH OFFICE SPACE WITH THE RELEVANT CALL POINTS, SOUNDERS AND FIRE EXTINGUISHERS ETC TO EACH OFFICE AND ESCAPE ROUTE. THESE AREAS ARE TO BE ZONED AND LINKED TO THE EXISTING SYSTEM. ALL NEW FIRE DOORS AND FRAMES ARE TO BE RATED TO 60MIN.