

NOTES:

FOUNDATIONS:
FOUNDATIONS TO STRUCTURAL ENGINEERS DETAILS AND TO SATISFACTION OF BUILDING CONTROL OFFICER. DENSE CONCRETE BLOCKWORK BELOW GROUND LEVEL AND CAVITIES FULLY FILLED WITH WEAK MIX CONCRETE.

GROUND FLOOR:
NEW SECTIONS OF GROUND FLOOR TO COMPRISE 75mm SCREED ON BUILDING PAPER ON 75mm RIGID INSULATION ON 150mm INSITU CONCRETE SLAB WITH CENTRAL A252 MESH ON 2000 GAUGE DPM ON 50mm SAND BUILDING ON MIN. 150mm WELL CONSOLIDATED HARDWARE IN LAYERS NOT EXCEEDING 150mm.

NEW SECTIONS OF TIMBER FLOOR IN THE WORKSHOP ROOM AND STIMULATION THERAPY ROOM TO COMPRISE 22mm T&G BOARDING WITH 70mm KINGSPAN THERMAFLOOR TF70 INSULATION BETWEEN NEW JOISTS SUPPORTED ON 25x25mm TSW BATTENS NAILED TO THE JOISTS. TOP OF INSULATION TO BE LEVEL WITH TOP OF JOISTS. SIZE OF NEW JOISTS TO BE DETERMINED ON SITE TO COMPLY WITH APPROVED DOCUMENT A OF THE BUILDING REGULATIONS.

TO ACHIEVE U VALUE OF 0.22W/m².K.

STEELWORK:
STRUCTURAL STEEL TO STRUCTURAL ENGINEERS DESIGN.

EXTERNAL WALLS:
EXISTING EXTERNAL WALLS TO FORMER HALL AREA AND NEW ROOMS AT GROUND FLOOR LEVEL TO BE LINED INTERNALLY WITH 70mm INSULATION BACKED PLASTERBOARD ON DABS (35mm TO REVEALS).

CAVITY WALL INFILL TO EAST EXTERNAL WALL TO COMPRISE 100mm EXTERNAL COURSED NATURAL SANDSTONE OUTER LEAF WITH DRESSED SPLIT FACE TO MATCH EX. DETAIL AND 140mm 7N BLOCKWORK INNER LEAF FINISHED INTERNALLY WITH 70mm INSULATION BACKED PLASTERBOARD ON DABS TO MATCH ADJACENT WALLS. CAVITY TO BE PARTIALLY FILLED WITH RIGID INSULATION BOARD ENSURING A MIN. 25mm CLEAR CAVITY. NEW EXTERNAL INFILL CAVITY WALLS TO SOUTH AND WEST ELEVATIONS TO COMPRISE 100mm DENSE CONCRETE BLOCKWORK OUTER LEAF FINISHED EXTERNALLY WITH 15mm K-REND SILICONE ROUGHCAST RENDER IN COLOUR TO BE AGREED; 100mm CAVITY CONTAINING 70mm RIGID INSULATION BOARD; 140mm 7N BLOCKWORK INNER LEAF FINISHED INTERNALLY WITH 35mm INSULATION BACKED PLASTERBOARD ON DABS.

ALL CAVITIES TO BE CLOSED AT TOP OF WALLS WITH ROCKWOOL ROCKCLOSE AND AROUND OPENINGS WITH THERMABATE CAVITY CLOSERS. STAINLESS STEEL WALL TIES WITH INSULATION RETAINING CLIPS AT MAX. 750mm CENTRES HORIZONTALLY AND 450mm STAGGERED CENTRES VERTICALLY. DPC CAVITY TRAYS TO ALL INTERRUPTIONS OF CAVITY. ALL NEW EXTERNAL WALLS TO COMPLY WITH THE REQUIREMENTS OF APPROVED DOCUMENT L2B OF THE BUILDING REGULATIONS. THE ENDS OF NEW MASONRY TO EXISTING USING ANCON 36/8 WALL STARTERS WITH SP36 TIES AND COMPRESSIBLE FILLER.

INTERNAL WALLS:
BLOCKWORK PARTITIONS TO BE 100/140mm 7N BLOCKWORK BUILT OFF CONCRETE FOUNDATIONS WITH PRE-CAST CONCRETE UNTELS OVER OPENINGS AND 13mm PLASTER FINISH TO BOTH SIDES.

TIMBER STUD PARTITIONS TO COMPRISE 70x50mm SW STUDS AT 400mm CENTRES. 15mm GYPROC DURALINE BOARD (15mm SINAT SECURITEX MESH REINFORCED PLASTERBOARD TO PARTITIONS BETWEEN APARTMENT AND LOBBY TO COMPLY WITH APPROVED DOCUMENT Q OF THE BUILDING REGULATIONS) WITH SKIM FINISH TO BOTH SIDES AND VOIDS BETWEEN STUDS FILLED WITH MINERAL WOOL INSULATION.

WINDOWS, DOORS AND SCREENS:
EXISTING HISTORIC WINDOWS ARE TO REMAIN SINGLE GLAZED. ALL NEW EXTERNAL DOORS, WINDOWS AND CURTAIN WALLING TO BE DOUBLE GLAZED AND COMPLY WITH REQUIREMENTS OF PARTS K AND L2B OF THE BUILDING REGULATIONS WITH SAFETY GLAZING TO BE USED IN CRITICAL LOCATIONS TO COMPLY WITH APPROVED DOCUMENT K4 AND BS EN 12600. IRONMONGERY TO COMPLY WITH REQUIREMENTS OF PART B (5.11 - 5.13) OF THE BUILDING REGULATIONS. EXTERNAL DOORS TO HAVE LEVEL THRESHOLDS WHERE SHOWN. TO ACHIEVE U VALUE OF 1.8W/m².K. ACCESS DOOR TO APARTMENT TO BE DESIGNED TO COMPLY WITH APPROVED DOCUMENT Q OF THE BUILDING REGULATIONS. WHERE EXISTING HISTORIC DOORS COINCIDE WITH FIRE

COMPARTMENTATION LINES, THEY ARE TO BE STRIPPED AND RE-PAINTED WITH A FIRE RETARDANT PAINT/VARNISH AND RETAINED IN THEIR CURRENT POSITIONS IN ORDER TO PRESERVE THEM IN THEIR HISTORIC STATE.

DPCs:
VISQUEEN ZEDEX OPT OR SIMILAR APPROVED TO NEW MASONRY WALLS AT FLOOR LEVEL AND 150mm MIN. ABOVE GROUND LEVEL. AGREEMENT CERTIFIED INSURANCE BACKED GUARANTEED INJECTION DPC TO EXISTING WALLS WHERE REQUIRED.

RAINWATER GOODS:
MAKE GOOD EXISTING GUTTERS AND DOWNPIPES.

RAMP, STEPS AND BALUSTRADES:
ALL TO COMPLY FULLY WITH PARTS K AND M. HANDRAILS TO BE A HEIGHT OF 900mm ABOVE FLIGHTS AND 1100mm ABOVE LANDINGS.

PLUMBING / DRAINAGE:
PLUMBING TO BE IN COPPER WITH WASTE PIPES IN UPVC. ALL COPPER PIPES TO BE INSULATED AGAINST FROST DAMAGE. WASTE PIPES TO FITTINGS: 40mm Ø TO WASHBASINS AND SINKS 100mm Ø TO WCs. ALL FITTINGS TO HAVE 75mm DEPTH OF SEAL EXCEPT FOR WCs WHICH WILL BE 50mm. FOUL DRAIN RUNS TO TERMINATE IN SOIL AND VENT PIPES TERMINATING ABOVE ROOF LEVEL AND MIN. 900mm ABOVE ANY OPENING WINDOW. DRAINS TO BE BED

ON 100mm GRANULAR MATERIAL AND TRENCH BACK FILLED WITH SAME MATERIAL LEVEL WITH CROWN OF PIPE. PIPE TO BE COVERED WITH 100mm GRANULAR FILL AND SELECTED FILL THEREAFTER. CONNECT TO EXISTING DRAINAGE SYSTEM. DRAINS RUNNING BELOW FLOOR WITH CROWN OF PIPE LESS THAN 300mm BELOW UNDERSIDE OF FLOOR SLAB TO BE ENCASED IN 150mm CONCRETE. DRAINS LAID IN TRENCHES LESS THAN 1m AWAY FROM CONCRETE FOUNDATIONS TO BE BED AND SURROUND IN 100mm (MIN) CONCRETE TO FILL TRENCH UP TO LOWEST LEVEL OF FOUNDATION. DRAINS PASSING THROUGH WALLS TO HAVE MIN 50mm CLEARANCE AROUND PIPE AND OPENING TO BE MASKED WITH RIGID SHEET MATERIAL TO PREVENT VERMIN INGRESS.

SPACE AND WATER HEATING:
ADAPT AND EXTEND THE EXISTING SYSTEM AS NECESSARY TO PROVIDE HEATING AND HOT WATER AND COMPLY WITH PART L2B OF THE BUILDING REGULATIONS. ALL PIPEWORK TO BE INSULATED. EXISTING RADIATOR SYSTEM TO BE ADAPTED AS NECESSARY. HEATING TO BE THERMOSTATICALLY CONTROLLED. PROVIDE AND FIT INSULATION AND

INSULATED COVERS TO WATER TANKS.

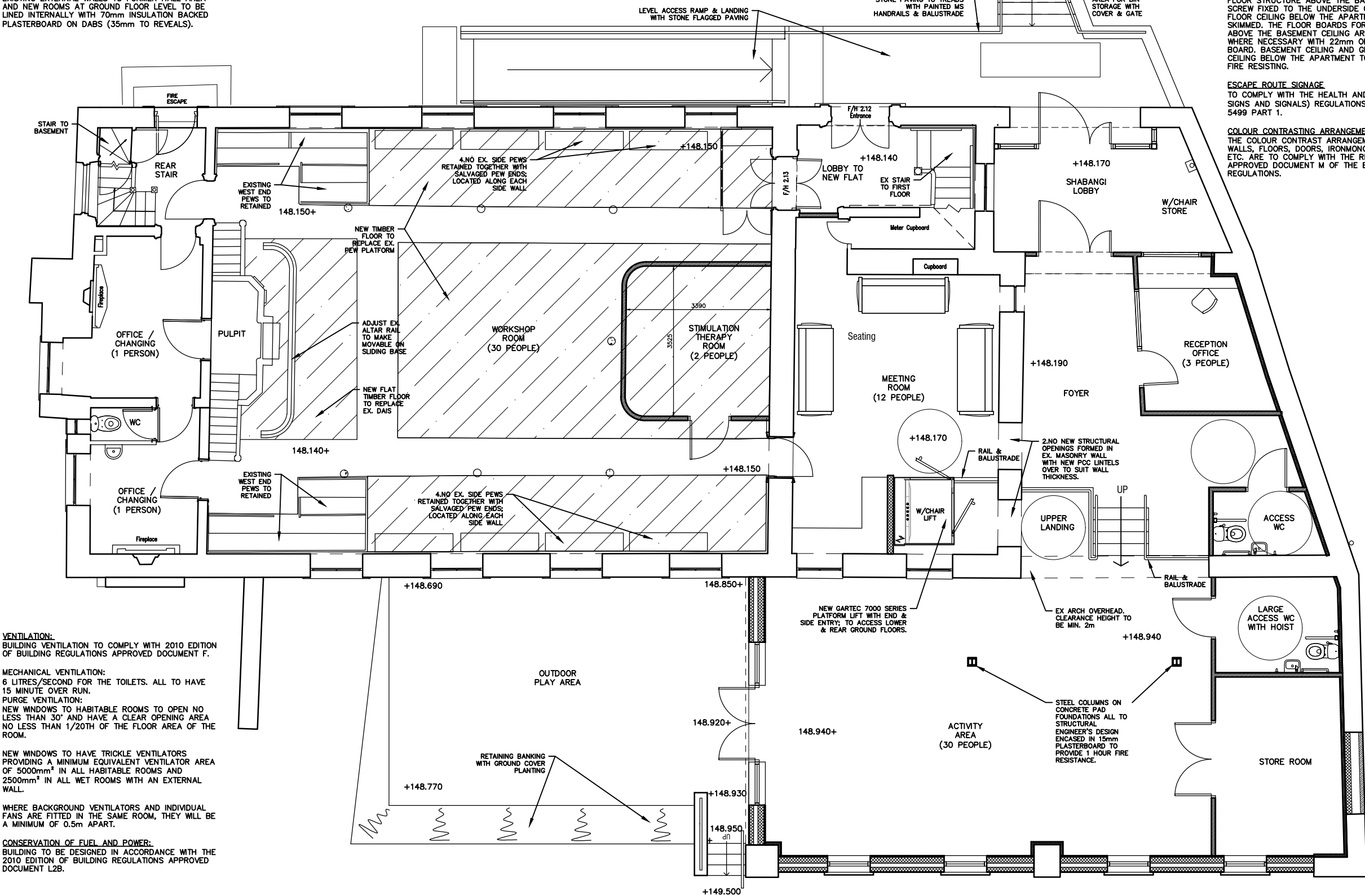
ELECTRICAL WORK:
TO BE UNDERTAKEN BY AN APPROVED COMPETENT ELECTRICIAN WHO IS A MEMBER OF A COMPETENT PERSONS SCHEME AND IN COMPLIANCE WITH APPROVED DOCUMENT P. MAKE GOOD EXISTING ELECTRICAL WORK WHERE REQUIRED. LIGHTING TO BE ENERGY EFFICIENT AS REQUIRED BY APPROVED DOCUMENT L2B.

GAS APPLIANCES:
ALL WORK TO GAS APPLIANCES TO BE CARRIED OUT BY A "GAS SAFE" REGISTERED ENGINEER.

FIRE PRECAUTIONS:
TYPE L2 FIRE ALARM SYSTEM TO BE PROVIDED IN ACCORDANCE WITH BS 5839 PART 1. INCORPORATING MANUAL BREAK GLASS CALL POINTS AT THE EXITS. FIRE ALARM SYSTEM TO BE LINKED WIRELESSLY SO THAT DETECTION OF FIRE BY ONE UNIT OPERATES THE SOUNDERS IN ALL OF THE UNITS IN BOTH THE LEARNING/THERAPY CENTRE AND THE APPARTMENT. EXTERNAL ESCAPE DOORS TO BE PROVIDED WITH PANIC FURNITURE ALLOWING THEM TO BE READILY OPENED IN THE EVENT OF AN EMERGENCY WITHOUT THE USE OF A KEY. EMERGENCY LIGHTING TO BE PROVIDED IN ACCORDANCE WITH BS 5266 AND ILLUMINATED EXIT SIGNS TO BE PROVIDED OVER THE EXTERNAL ESCAPE DOORS. ALL NEW INTERNAL FINISHES TO BE CLASS 0 FOR SURFACE SPREAD OF FLAME. TWO LAYERS OF 12.5mm THICK KNAUF FIRE PANEL PLASTERBOARD TO BE SCREW FIXED TO THE UNDERSIDE OF THE EXISTING JOISTS FORMING THE FLOOR STRUCTURE ABOVE THE BASEMENT AND SCREW FIXED TO THE UNDERSIDE OF THE GROUND FLOOR CEILING BELOW THE APARTMENT AND SKIMMED. THE FLOOR BOARDS FORMING THE FLOOR ABOVE THE BASEMENT CEILING ARE TO BE REPLACED WHERE NECESSARY WITH 22mm ORIENTED STRAND BOARD. BASEMENT CEILING AND GROUND FLOOR CEILING BELOW THE APARTMENT TO BE 60 MINUTES FIRE RESISTING.

ESCAPE ROUTE SIGNAGE:
TO COMPLY WITH THE HEALTH AND SAFETY (SAFETY SIGNS AND SIGNALS) REGULATIONS 1996 AND BS 5499 PART 1.

COLOUR CONTRASTING ARRANGEMENT:
THE COLOUR CONTRAST ARRANGEMENTS FOR THE WALLS, FLOORS, DOORS, IRONMONGERY, GRAB RAILS, ETC. TO COMPLY WITH THE REQUIREMENTS OF APPROVED DOCUMENT M OF THE BUILDING REGULATIONS.



VENTILATION:
BUILDING VENTILATION TO COMPLY WITH 2010 EDITION OF BUILDING REGULATIONS APPROVED DOCUMENT F.

MECHANICAL VENTILATION:
6 LITRES/SECOND FOR THE TOILETS. ALL TO HAVE 15 MINUTE OVER RUN.
PURGE VENTILATION:
NEW WINDOWS TO HABITABLE ROOMS TO OPEN NO LESS THAN 30° AND HAVE A CLEAR OPENING AREA NO LESS THAN 1/20TH OF THE FLOOR AREA OF THE ROOM.

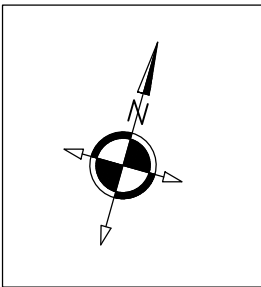
NEW WINDOWS TO HAVE TRICKLE VENTILATORS PROVIDING A MINIMUM EQUIVALENT VENTILATOR AREA OF 5000mm² IN ALL HABITABLE ROOMS AND 2500mm² IN ALL WET ROOMS WITH AN EXTERNAL WALL.

WHERE BACKGROUND VENTILATORS AND INDIVIDUAL FANS ARE FITTED IN THE SAME ROOM, THEY WILL BE A MINIMUM OF 0.5m APART.

CONSERVATION OF FUEL AND POWER:
BUILDING TO BE DESIGNED IN ACCORDANCE WITH THE 2010 EDITION OF BUILDING REGULATIONS APPROVED DOCUMENT L2B.

Notes:

- All dimensions to be checked on site.
- No dimensions to be scaled from this drawing unless otherwise stated.



Revision No.	Date	Revision By
D	29.10.19	SLW
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Client:	SHABANG INCLUSIVE LEARNING LTD SLAITHWAITE						
Project:	FORMER PROVIDENCE BAPTIST CHAPEL CONVERSION WORKS						
Drawing Title:	GROUND FLOOR PLAN AS PROPOSED						
Scale:	1:100	Date:	12.18	Drawn:	JCC	Check:	
Job No.	5117/0953	Drawing No.	31	Rev.	D		