

NOTES:

NEW MEZZANINE FLOOR
TO COMPRISE 22mm T&G BOARDING ON 50x220mm C24 SW JOISTS AT 400mm CENTRES SUPPORTED ON STEEL STRUCTURE TO STRUCTURAL ENGINEER'S DESIGN. JOISTS TO BE UNDERDRAWN WITH 12.5mm PLASTERBOARD WITH SKIM FINISH SCREW FIXED TO UNDERSIDE OF EX. 50x38mm SW BATTENS AT 400mm CENTRES SCREW FIXED ACROSS AND PERPENDICULAR TO UNDERSIDE OF FLOOR JOISTS TO FORM FIRST FLOOR CEILING.

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. TIE 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 LINTELS 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 SINIAT SECURTEX 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 12800. 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.

NEW TIMBER STAIRS TO MEZZANINE FLOOR
TO COMPRISE 16 RISERS AT APPROX 204mm WITH 250mm GOINGS. 12mm PLY RISERS FIXED TO 32mm TREADS ALL GLUED AND WEDGED 12mm INTO 365x38mm STRINGS. NOSINGS TO PROJECT 25mm AND MARGIN BETWEEN LINE OF NOSINGS AND TOP OF STRING TO BE 50mm. ALLOW FOR SW. ANGLE GLUE BLOCKS 50x50x120mm AT JOINTS BETWEEN TREADS, RISERS AND STRINGS AND 100x75mm CARRIAGE LOCATED CENTRALLY DIRECTLY UNDER THE ANGLE OF JUNCTION OF TREADS WITH 200x25mm ROUGH BRACKETS NAILED TO ALTERNATE SIDES. SW. BALUSTRADING WITH 19mm SQUARE BALUSTERS HOUSED INTO THE UNDERSIDE OF THE HANDRAIL AND TOP OF STRING AT 100mm CTRS. HANDRAIL TO BE A HEIGHT OF 900mm ABOVE FLIGHTS AND 1100mm ABOVE LANDINGS. TO COMPLY WITH APPROVED DOCUMENT K2 OF THE BUILDING REGULATIONS.

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.

EXISTING ROOFS
UPGRADE INSULATION TO EXISTING ROOF WHERE REQUIRED TO 300mm THICK LOFT INSULATION COMPRISING 2 LAYERS OF FIBREGLASS QUILT LAID BETWEEN AND ACROSS THE CEILING JOISTS AND KEPT CLEAR OF VENTILATION. PROVIDE EAVES VENTILATION EQUIVALENT TO A CONTINUOUS 25mm GAP BY PATENT MEANS INCORPORATING INSECT SCREEN AND EQUIVALENT TO 5mm VENT GAP TO RIDGE. TO ACHIEVE U VALUE OF 0.16W/m².K. EXISTING CEILING TO MEZZANINE AND VOID OVER FIRST FLOOR LIVING AREA TO BE LINED WITH 70mm INSULATION BACKED PLASTERBOARD SCREW FIXED TO THE EXISTING ROOF STRUCTURE.

RE-ROOFING WORKS TO FLAT ROOF
TO COMPRISE ADHERED IKO ARMOURPLAN P MECHANICALLY FIXED SINGLE PLY MEMBRANE, ON 140mm IKO ENERTHERM ALU INSULATION ON IKO SPECTRAVAP PE VAPOUR CONTROL LAYER ON 22mm CLASS 3 PLYWOOD WITH TAPED JOINTS ON EXISTING FLAT ROOF JOISTS. TO ACHIEVE U VALUE OF 0.18W/m².K.

RAINWATER GOODS
MAKE GOOD EXISTING GUTTERS AND DOWNPIPES.

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 JOIST 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. ARE TO COMPLY WITH THE REQUIREMENTS OF APPROVED DOCUMENT M OF THE BUILDING REGULATIONS.

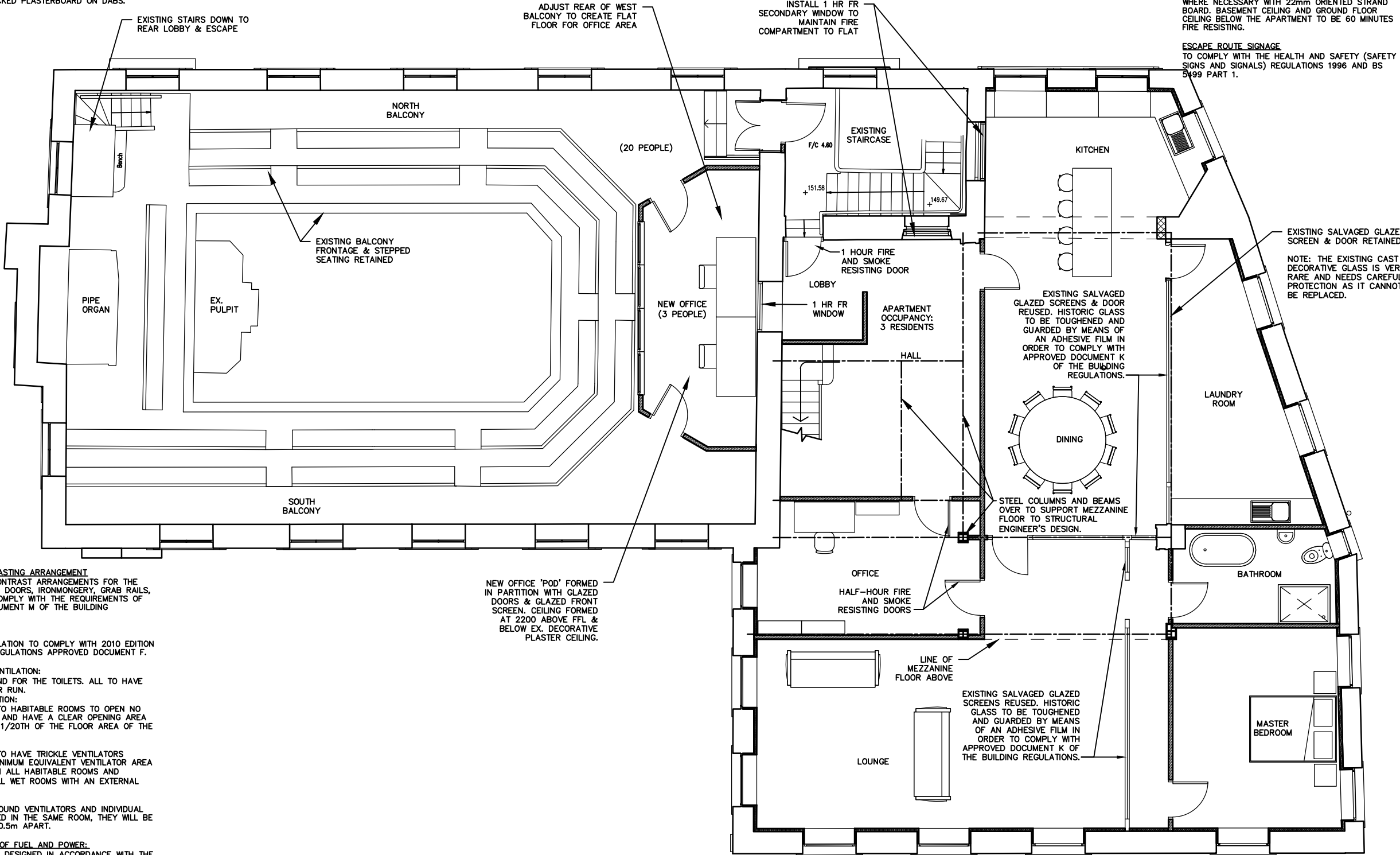
VENTILATION:
BUILDING VENTILATION TO COMPLY WITH 2010 EDITION OF BUILDING REGULATIONS APPROVED DOCUMENT F.

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.

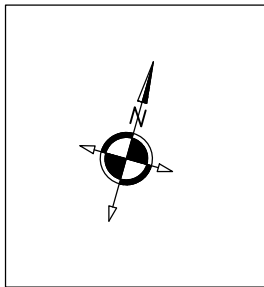
WHERE BACKGROUND VENTILATORS AND INDIVIDUAL FANS ARE FITTED IN THE SAME ROOM, THEY WILL BE A MINIMUM OF 0.5m APART.

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	Notes	Checked By	Revision By
D 29.10.19		EXISTING HISTORIC WINDOWS NOTED AS REMAINING SINGLE GLAZED.	SLW	
C 27.09.19		FLOOR PLAN UPDATED.	SLW	
B 02.08.19		INNER FIRE LOBBY TO APARTMENT INDICATED.	SLW	
A 20.05.19		NOTES UPDATED.	SLW	

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Client.	SHABANG INCLUSIVE LEARNING LTD SLAITHWAITE						
Project.	FORMER PROVIDENCE BAPTIST CHAPEL CONVERSION WORKS						
Drawing Title.	FIRST FLOOR PLAN AS PROPOSED						
Scale.	1:100	Date.	12.18	Drawn.	JCC	Check.	
Job No.	5117/0953	Drawing No.	32	Rev.	D		