



SPECIFICATION

Extg solid walls battened out using 25x47mm timber battens on DPM strips at 600mm ctrs, 72.5mm Kooltherm K118 insulated, 12.5mm plasterboard + skim. Board joints lapped and taped as per manufacturers details to form VCL.

present, horizontal sills to be installed and void filled with insulation.

External brickwork for making good openings to match existing (adjacent) brickwork in colour, coursing and texture. Kitchen entrance to incorporate viewing panel and self-closing device. Bricks to be approved by Client. Approval by the LPA will be required for alternative bricks if they do not match those used in the existing building in colour, coursing and texture.

Internal Walls - Stud work shall be 100mm x 50mm studs at 450 C/C and 12.5mm plasterboard each side with 75mm Main Hall to AWC lobby rockwool in-between studs, minimum density of 10kg/m3.

Acoustic wall paneling to provide sound damping to walls and ceilings in Main Hall and Small Hall to client spec.

existing pipes are to be checked to ensure continuous, free flowing passage, Rainwater system to match existing, 68mm rainwater down pipes to existing combine system to LA Approval.

Existing kitchen to be stripped out and disposed of. Existing services to be capped off or re-used as appropriate.

New waste connections to existing svp where applicable or new air admittance valves with rodding eye and access point at base. Ensure head of drainage run is vented via a svp, min. 900mm above any adjacent openings. All above ground drainage to comply with BS EN 12056-2.

40mm waste and 76mm trap Sink 32mm waster and 76mm tran Wash basin W.C and cistern 100mm branch connection

accordance with BS5572.

and wood boring insects. Floor finish specified on drawing G001P2. Finished floor to be level throughout.

(If required due to presence of cavities) All cavities to be closed around openings with proprietary insulated cavity

Existing roof to be refurbished as specified on drawing C201P2 to include ventilated ridge tiles. Inspect roof timber for facilities are provided. rot and insect activity after removal of roof tiles and prior to fitting roofing membrane. Client to be advised of any necessary remedial work. New ceiling to be constructed using easi-joists or equivalent approx. 300mm deep (to be specified by ioist supplier), and insulated with 300mm mineral wool under existing ceiling which is to remain in place

and new plasterboard + skim in Main Hall, Small Hall, Kitchen and Store.

ends. Lintels to specialist design where indicated. All cavities to be closed at eaves with supalux or similar board.

Existing lean-to roof to be insulated at ceiling joists with a layer of 200mm mineral wool between the ceiling joists and a layer of 200mm counter laid on top to achieve minimum u-value of 0.15w/m2k.

WINDOWS & VENTILATION

All external windows and doors removed and replaced using double glazed windows to client's specification, style to match as closely as possible to old Chapel, client to confirm prior to manufacturing. Windows to achieve a min. Window Energy Rating Band B, replacement doors with more than 60% area glazed to achieve min. Doorset Energy Rating Band C and all other replacement doors Doorset Energy Rating Band B. (BFRC Certification, or similar, will be required for all windows upon issuing final certificate). Ensure opening lights equal 5% of total floor area or 1/20th of floor area to provide adequate natural ventilation. (Small Hall 28sqm, 1.4sqm opening. Main Hall 40.4sqm, 2sqm

All new windows must be equipped with trickle vents positioned at a min. height of 1700mm above the floor level. Apply draught seals to all windows, doors, and rooflights. All glazed external doors to be min. level 4 glass to clients

For glazing in doors and sidelights located less than 1500mm above the finished floor level, within 300mm horizontally of doors and glazing below 800mm above the finished floor level, use laminated or toughened glass that complies with BS6206:1981 + BS EN 12600:2002.

Ensure that controls for all openable windows and skylights are conveniently located for safe opening, closing, or adjustment. All window frames to comply with BS publication PAS24:2016 or a better standard. All window frames to be mechanically fixed to the building structure, frames to have drained & vented cavities, incorporate trickle vents and are to be pointed internally & externally with mastic sealant. Replacement windows to include openers.

EXTRACT VENTILATION

WC

Mechanical ventilation to be equivalent to: Kitchen

Extractor fan, 60 l/s or cooker hood capable of min. 30 l/s Extractor fan, 30 l/s

(with 15 minute over run and connected to light switch)

The amount of background ventilation required in accordance to Approved Doc F, table 1.1. All ducts to be rigid pipework where possible, insulated where passing through roof voids etc and be ducted to outside air. Mechanical extract ventilation to be linked to the light switch unless an opening light is provided. Extractor systems with closing mechanisms to minimise heat loss.

Room Minimum equivalent area of background ventilators:

Habitable rooms - 8000mm2 Kitchen - 8000mm2

ELECTRICAL SPECIFICATION

TO BE READ IN CONJUNCTION WITH THE GENERAL SPECIFICATION

Existing system is 3-phase and to be fully checked and rewired.

It is the intent that all sockets, switches and devices be centered on all finished surfaces, horizontally and vertically EMERGENCY LIGHTING/ALARM unless noted otherwise and to finish above the timber panelling where there is timber panelling. All fixtures All fixe exit signage to be installed to BS ISO 3864-1 and BS 5499-4. heights indicated are above finish floor and are to the underside of the junction box unless noted otherwise. If on All Emergency lighting will be installed to BS 5266 Part 1:2016 and Table 5.1 of AD B2. site conditions arise that make centering impossible, consult the Client or Architect for guidance on final All fire exit doors to have fasteners that comply with AD B2 paragraph 5.7.

All work is to be in accordance with current Electricity Board & I.E.E. regulations. Complete electrical system is to impairments of a fire. be designed & installed in accordance with the technical rules noted in BS 7671:2001 or guidance given in installation manuals such as IEE 18th edition Wiring Guidance & Building regulation Part P. The electrical installation shall be designed, installed & certified by an approved IEE qualified contractor. Electrician certification certificate & Installation Test certificate is to be provided to the local authority. All light switches & power points are to be positioned between 450mm & 1200mm above floor level to each floor. Provide LED energy efficient lighting to all fixtures. Energy efficient lamps to have a luminous efficacy equal to or greater than 45 lumens per circuit watt. All external lighting is to be deactivated by PIR & photocell daylight sensors and have a maximum rating of 150 Watt. Consumer switch units to be located between 1350mm-1450mm above finished floor level and fitted with a child proof cover.

- Install all sockets at min 450mm, max 1200mm a.f.f. vertically U.N.O.

Install all above counter sockets 150mm from finished worked top level U.N.O. Install all switches vertically with centerline at 1000mm a.f.f. to U/S of switch U.N.O

- All exposed switches and outlets to client specification. - All external outlets to be IP66 with cover.

- No distinction is made on these plans between circuits requiring single, two-way, three-way and four-way switches, the electrical subcontractor is responsible for providing all necessary system components to achieve the

 Coordinate location of all electrical devices with any interior elevations. Alarm system specification and placement to clients specification.

- Electric towel radiator to be installed in AWC to provide background heating.

Fire alarm and detection systems are to be fully detailed and designed by a specialist or the contractor in accordance the relevant British Standard documentation. JBA drawings are indicative only for the purpose of Building Regulation Compliance.

Detectors/Alarm heads should be positioned in circulation spaces so that;

- There is at least one smoke detector/alarm head per storey Smoke detector/alarm heads are positioned within all the main hall areas and circulation spaces.

- All doors to habitable spaces are within 7.5m of a detector/alarm head. · They are positioned more than 300mm from any walls or light fittings. (If this is not possible in the case of light fittings, it must be proven that the light fitting will not adversely affect the operation of the detector).

The smoke alarms should be connected to the mains supply either on a single independent circuit or a single regularly used local lighting circuit. There should be a means of isolating the power to the smoke alarms without

The electrical installation should be in accordance with approved document P.

Fire alarm/fire detection system to be installed to BS 5839-1:2017

Sanitary accommodation - No minimum

INTERNAL DOORS All internal doors to match including fire door to kitchen. Top hung, folding, sliding partition to be matched as closely External window and door internal reveals to have 25mm insulated plasterboard applied. Where sloping sills are as possible (if oak finish). Vertical 5 panel oak doors required if possible or good quality oak veneered doors (doors to be approved by Client).

Built-in cupboard in AWC lobby (Alternatively, provide and install a proprietary cupboard to the client's specification.)

Composite/Aluminum doors and frames with more than 60% area glazed to achieve min. Doorset Energy Rating Provide R.C lintels to bridge walls over all drainage. Construct manholes with polypipe or similar PVCu chambers with Band C and all other replacement doors Doorset Energy Rating Band B, style as indicated on drawings. All doorsets concrete bed & surround & C.I cover and frame. Where possible, proposed drainage to connect to extg network. All to meet the security requirement of BS PAS24:2012 or better (Timber doorsets to Appendix B of Approved Document Part Q 2015) & rating provided by BFRC

Redundant Chapel entrance doors to be replaced with similar wooden doors to clients approval.

DISABLED ACCESS

Principle entrance and other entrances to incorporate leveled or ramped wheelchair thresholds. Door widths to ground floor to be 838mm wide doors AND ACHIEVE 775 CLEAR OPENING, all other doors to have minimum 65mm width. Principle entrance to have minimum 1200 x 900mm leveled access. Building footpaths to be agreed

Hot water cylinders to be provided under sinks in kitchen. On-demand water heaters in WC and lobby. Dual heating/air-conditioning unit to each room to manufacturers details.

The 'U' values of the units have been designed to comply with the elemental 'U' value method. All works and New 100mm PVCu soil & vent pipe fitted with access plate at base & bird proof terminal. Soil & vent pipes that are materials are to comply with current Building Regulations, Codes of Practice and British Standard Specification. All within 3m of an opening window must terminate at least 900mm above the eaves or use an external air admittance work is to be carried out in good workmanlike manner, consistent with good building practice. Heating and hot water valve. Provide vent pipes as shown on drawings. No waste pipe is to connect into the svp area opposite & min. systems to be commissioned on completion and certificate to be issued to main contractor and building control 200mm below WC inlet. Provide access points at all changes of direction. Construct ducts with timber framework, department. All operating and maintenance instructions to be passed on to owner. Contractor to issue a testing 2x15mm plasterboard lining with staggered joints, 3mm plaster skim & fibreglass quilt infill. All sanitary pipework in certificate for all heating appliances on completion and a robust, indelibly marked notice plates are to be fixed in an unobtrusive position within the building giving essential information.

Existing carpet to be removed in Small Hall and floor made good with self-levelling compound suitable for proposed This drawing and design is copyright and must not be reproduced in part or in whole without prior written consent. finish to make finished floor level throughout. Existing wooden floors in Main Hall to be treated for wet rot, dry rot DO NOT SCALE THIS DRAWING - Use only figured dimensions - Contractors must verify all dimensions on site before commencing work or preparing shop drawings. Report any discrepancies to JBA. Drawings to be checked against Engineers Calculations, Energy Assessors Recommendations, Accredited Construction Details (ACD) before commencement on site for any additional changes or discrepancies.

closers incorporating a dpc. Lintels to be factory insulated I.G or similar with minimum 150mm end bearings with stop

The project to The CDM Regulations 2015, the client has duties under these regulations to make suitable arrangements for managing the project; Involving: appointing other duty holders, ensuring sufficient time and resources are allocated. Notifying project to HSE (form F10) and check that construction phase plan is completed prior to work commencement. Provide any relevant information to other duty holders and ensure that welfare

> The fire detection and alarm system should be properly maintained, and an installation and commissioning certificate provided to the building control body and building owner. Occupiers should receive the relevant information concerning the operation and maintenance of the alarm system.

Accessible WC to be provided with an emergency assistance alarm with associated visual and audible indicators. Fire alarm to emit a visual and audible signal within the accessible WC to warn an occupant with hearing or visual

RJ45 ETHERNET SOCKET, CAT 6 CABLING

SWITCH (NON-DIMMING CIRCUIT)

2 GANG SWITCH SOCKET (13A, DP, USB INDICATES CHARGING OUTLET/STATION)

1 GANG SWITCH SOCKET (13A, DP)

FUSED SPUR (AMP & SWITCH TO ELECTRICIANS DETAILS)

FAN ISOLATOR SWITCH (AMP & SWITCH TO ELECTRICIANS DETAILS) IP66, 2 GANG SWITCH SOCKET (13A,

SWITCHED SOCKET) 2 GANG SWITCH SOCKET (13A, DP, RECESSED IN FLOOR)

EXTRACTOR FAN + TIMER SWITCH

DP, WEATHERPROOF OUTDOOR

HEAT DETECTOR

SMOKE DETECTOR

– FIXTURE TYPE, SEE SCHED. SURFACE MTD. LIGHT RECESSED LIGHT (LED, ARROW = DIRECTIONAL) WALL MOUNTED LIGHT

(P) PENDANT FIXTURE ELEC CONSUMER UNIT

ALARM PANEL TO MANUFACTURES DETAILS

EXIT WALL MOUNTED EMERGENCY EXIT SIGN

CONNECTING WIRE ---- CENTRE LINE

1. This drawing is to be read in conjuction with all other relevant drawings. Any discrepancies, errors or omissions to be brought to the attention of JBA. 2. All dimensions to be checked before commencement of work or production of shop drawings. 3. The drawings and written material herein constitute original work of JBA and as intellectual property and instruments of service, are subject to copyright and may not be reproduced, distributed, published in part or whole or used in any way without the express written consent of JBA. ---- Element removed ———— Foul Drainage Pipework ---- Storm Drainage Pipework ——————————Steel Beam —————— Structural Timber Beam — - — - Insulated Lintel — - — - Pre-cast Concrete Lintel 06/03/24 - Client Amendments - Client Amendments 12/03/24

E: jonny@jbarch.uk

NO DESCR. 03/07/24 - Client Amendments 23/08/24 - Client Amendments 18/10/24 - Client Amendments - B. Reg Amendments 05/11/24 - Addition of engs. calcs 05/11/24 25/06/25 Phase 2 amends P2A - Phase 2 amends 11/07/2025 P2B - Phase 2 amends 30/07/25 P2C - Phase 2 amends 27/08/25 P2D - Phase 2 amends 24/09/25 P2E - Phase 2 amends 01/10/25 P2F - Phase 2 amends 07/10/25 FOR CONSTRUCTION **INCEPTION DATE** 05/02/2024 Construction Drawing 1:10, 1:50, 1:200 PROJECT BRIEF Proposed internal alterations and refurbishment SITE ADDRESS Church Broughton Methodist Chapel Chapel Lane, Church Broughton, DE65 5BB Church Broughton Parish Council PROJECT ID 23009