

Standards and the work to be carried out in strict accordance with the relevant Codes of Practice issued by the British Standards Institute. Ensure all materials are fitted/installed in strict accordance with

manufacturer's details and recommendations. THE BUILDING REGULATIONS

All work is to comply with the current Building Regulations. The work is to be carried out in strict accordance with and to the approval of the Local Authority, administered by the Building Control

POST COMPLETION INFORMATION (TO BE PROVIDED TO BUILDING CONTROL)

Electrical Installation Certificate, prepared by a suitably qualified and competent person, to demonstrate that any electrical work has been designed, installed and tested in accordance BS7671.

STRUCTURAL ENGINEER

Officer

BEAMS, LINTELS & SUPPORTING STRUCTURE New beams, lintels and supporting structure to comply with Part A of

the Building Regulations and to be to Structural Engineer's details and calculations. Lintels or beams over external openings to be insulated to prevent

cold bridging. Steel beams to be coated with intumescent paint by 'Nullifier' or similar approved to achieve 30 minutes fire resistance. Structure supporting only roof need not be fire resisting. Steelwork within wall construction and/or outside the envelope of the building are to be marine grade galvanised.

Foundation and slab details as Engineers details.

DRAINAGE AND WATER SUPPLY

WATER SUPPLY

Ensure 'Wholesome' water supply to be from existing mains supply from statutory supplier at a pressure and flow rate sufficient for the sanitary appliances. Details to be confirmed by contractor prior to commencement on site.

Suitable controls are to be clearly specified to restrict the water temperatures to hot water storage vessels exceeding 99 Degrees C where installed, with any proposed discharge taken to a place which is visible and will not cause danger to the public.

FOUL WATER DRAINAGE

Below ground drainage as Engineers details. Below ground drainage to comply with BS EN 752:2017

BS 8000 Workmanship on Building Sites. Part 13: Code of practice

for above ground drainage. Sanitary conveniences and washing facilities to be as follows: 40mmØ waste pipe to sink, whb and 100mm waste to W.C. Pipe

falls to be min. 1:80. All appliances to be connected into new system via 50 or 75mm deep seal trap to uPVC waste pipes fixed to gradients indicated in Table 1 Approved Document H1 of the Building Regulations, to prevent syphonage in the system. Any wastes exceeding 1700mm

or if foul and surface are combined refer to H3 paragraph 3.8) to be fitted with anti-syphonage valves. Provide rodding access at all changes in direction. Provide SVP's where indicated, to be 100mm dia. uPVC and to

terminate into new manholes. SVP's to have rodding access. Ensure s.v.p. remains accessible.

# RAINWATER DRAINAGE

The sizing of rainwater pipes to comply with H3 Section 1 of the Building Regulations. Flat roof to discharge through roof into silver 100mm dia. round section Guardian Aluminium RWP by Alumasc (O.E.A.) Rainwater pipes to discharge into new soakaway or other system as Engineer details.

DRAINAGE OF PAVED AREAS & EXT. WORKS

To comply with H3 Section 2. Hard landscaping to fall away from buildings for at least 500mm and at least 1:100 fall and anti slip as necessary. Provide ACO channels around the toilet end perimeter and also in front of the plant room door. ACO's to discharge into new soakaway or other system as Engineer details.

All joints between lengths of d.p.c., d.p.m. and cavity trays to be lapped and bonded min. 150mm. All to be installed in accordance with common practice and in accordance with manufacturers details and recommendations. WINDOWS & GLAZED DOORS

Horizontal d.p.c.'s to be Hyload type and to project 5mm beyond

external face and to be min. 150mm above finished ground level.

Sliding doors and Window to be Seiger system by IQ Glass. IQ Glass to provide details for comment min. 6 weeks prior to installation. All to be marine grade powder coat and ironmongery etc. Colour to be RAL to be agreed with client. Glazing to comply with Part N and K4&5 of the current Building Regulations. Provide windows and doors to achieve Secured by Design

standards. Ensure safety glazing to windows, glazed doors and fixed lights where glass is below a height of 800mm from finished floor level, 1500mm from finished floor level in doors with glazing over 250mm wide or exceeding 0.5m<sup>2</sup> and in windows within 300mm to either of

the side of a door. Laminated safety glass to comply with BS.6206 to be used in all glazed doors. All openings to be fitted with draught seals and locks. Windows and doors to be Part M compliant and be easily openable by wheelchair user.

# FINISHES

Internal walls to be 18mm Birch faced ply, setting out to be well considered as indicated on internal elevations. Envirograph intumescent clear coating for wood to achieve 30 mins. fire resistance to walls only. Details to be agreed with building control. Internal timber to be counter sunk and screw fixed with Accu Black Stainless Steel (A2) 8mm Torx Countersunk OEA. Birch ply to be finished with Intumescent clear coat for wood, Product 42 HW clear coating system by Envirograph. Two Coats HW02N clear intumescent @ 8sqm per litre per coat. One Coat HW excel clear topcoat (Satin) @10sqm per litre Product

42 by Envirograph. -------

Details for electrical works to be by Delta Green All new electrical work is to be designed, installed, inspected and tested in accordance with BS 7671 (I.E.E. Wiring Regulations 18th Edition). The works are to be undertaken by an installer registered under a suitable electrical self-certification scheme, or alternatively by a suitably qualified person, with a certificate of compliance produced by that person to Building Control on completion of the works.

# Internal Lighting

Provide all energy efficient lighting taking only low energy fittings in all areas in accordance with part L1 B. Location and type of sockets, light fittings, light switches, and data cabling etc.. to be agreed with client prior to installation. All new light switches, plug sockets and electrical switches to be set between 450mm and 1200mm above finished floor level and comply with Part M of the current Building Regulations. Consumer units are mounted so that the switches are between 1350mm and 1450mm above floor level.

# VENTILATION

Details for ventilation works to be by Delta Green. Ventilation of rooms to comply with Part F1 & J of the current Building Regulations. Ensure all installations are in strict accordance with manufacturer's details and recommendations.

## HEATING AND HOT WATER

Details for heating and hot water works to be by Delta Green. Ensure all installations are in strict accordance with manufacturer's details and recommendations.

# SMOKE DETECTION/FIRE PRECAUTIONS

Details for Smoke detection works to be by Delta Green. Provision of smoke alarms to comply with Part B Section 1 of the current B regulations. Self-contained smoke detectors to BS5839-6 :2004 to be mains operated with secondary backup (battery or capacitor) to be installed in accordance with manufacturers instructions. Detectors to be ceiling mounted @ at least 300mm from walls and light fittings and positioned to ensure safe routine maintenance. Detectors to be interlinked to visual and audible warning sounder. System to be to a minimum standard Grade B category LD3 system. Provide illuminated EXIT sign to primary exit doors as indicated on drawings. Distance to final exit is within the max. 9m max for single

exit building, at approx. 7m.

between and inside studwork - Exposed 18mm Birch faced ply HW clear coating system. 8sqm per litre per coat. Type WT-01 Plan View

Provide open jointed vertical larch timber cladding fixed with 316 stainless steel screws, dipped with Holtz HR Prof fire treatment Euroclass B-s1-d0, on black UV stable flymesh by mesh direct (Class A), on 50x25mm SW treated timber horizontal and vertical battens - dipped with Holtz HR Prof fire treatment - Euroclass B-s1-d0, on Novia FR resistant breather membrane (OEA), on 18mm WBP Ply, on 200mm S.W treated timber frame, with void (approx. 200mm) 200mm S.W treated timber frame, with 50mm Kingspan Kooltherm K112 Insulation between and inside studwork and exposed 18mm Birch faced ply. Birch ply to be finished with Intumescent clear coat for wood, Product 42 HW clear coating system by Envirograph. Two Coats HW02N clear intumescent @ 8sqm per litre per coat.

Product 42 by Envirograph. SYSTEM DETAILS U-Value

WT-02\*\*



U-Value

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