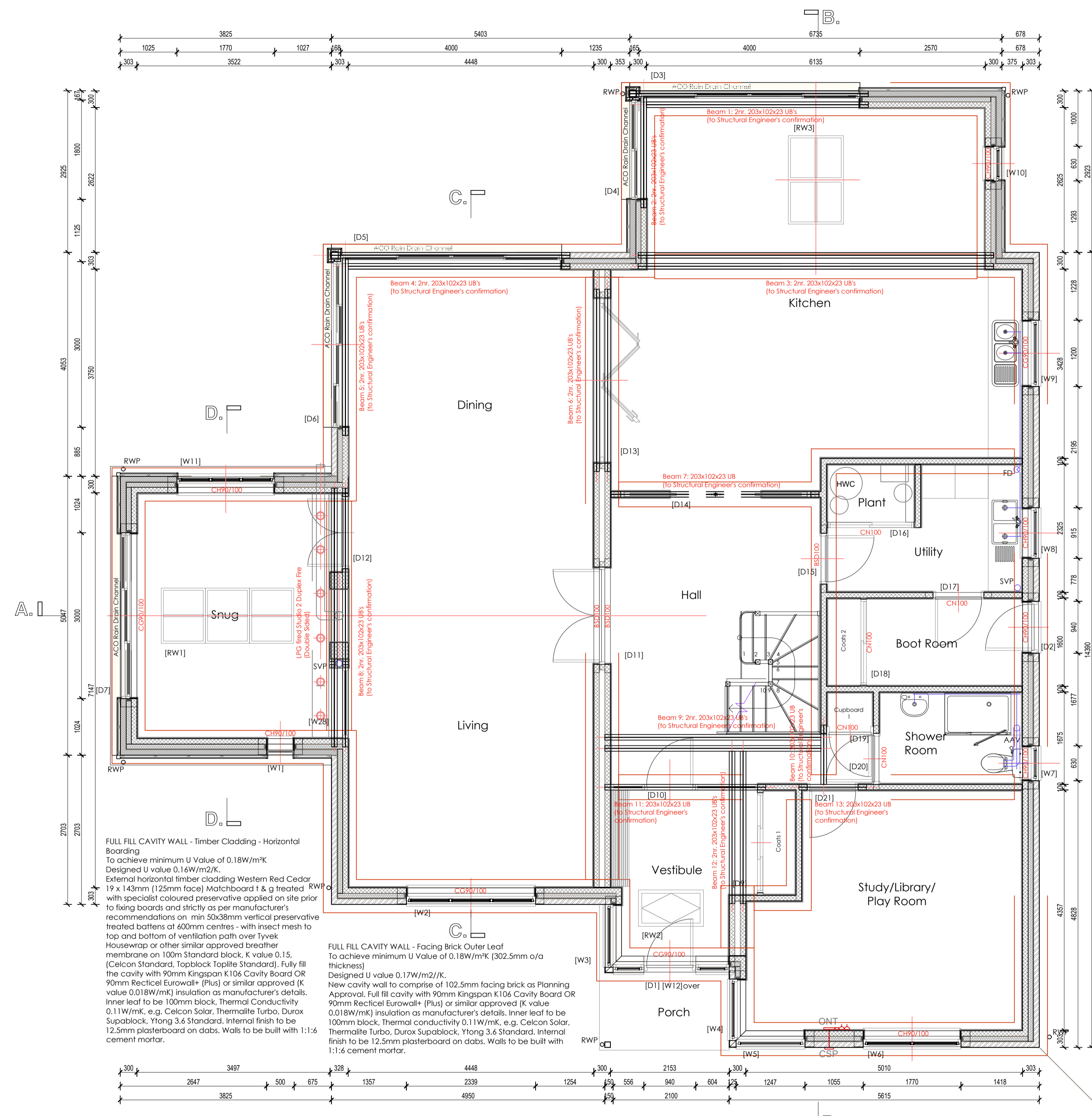
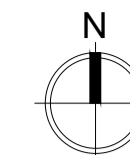


A1

Notes



FULL FILL CAVITY WALL - Timber Cladding - Horizontal Boarding To achieve minimum U Value of 0.18W/m²K. Designated U value 0.16W/m²K. External horizontal timber cladding Western Red Cedar 19 x 143mm (125mm face) Matchboard f & g treated with specialist coloured preservative applied on site prior to fixing boards and strictly as per manufacturer's recommendations on min 50x38mm vertical preservative treated battens at 600mm centres - with insect mesh to top and bottom of ventilation path over Tyvek Housewrap or other similar approved breather membrane on 100m Standard block, K value 0.15, (Celcon Standard, Topblock Toplite Standard). Fully fill the cavity with 90mm Kingspan K106 Cavity Board OR 90mm Rectical Eurowall+ (Plus) or similar approved (K value 0.018W/m²K) insulation as manufacturer's details. Inner leaf to be 100mm block, Thermal Conductivity 0.11W/mK, e.g. Celcon Solar, Thermatite Turbo, Durox Supablock, Ylong 3.6 Standard. Internal finish to be 12.5mm plasterboard on dabs. Walls to be built with 1:1.6 cement mortar.

Heating to be provided by Air Source Heat Pump sizing and positioning to be by Client/Contractor - and to comply with all relevant legislation/requirements. Heating to all ground floor areas to be underfloor heating (UFH) system linked to the new boiler. System to be a Nu-Heat SC14 type installation using Fastflo-14 tube in hand laid screed secured with Cliptrack-14 fixings. UFH to extend fully to cover all ground floor areas except where under uPVC etc. System to include Pushbutton (P85) thermostat. First floor to be heated Nu-Heat TPBA14 - 14mm Waffle (or similar) underfloor heating system. Towel rail in ensuite and bathroom to have supplementary electric heating element. All heating system to be designed and specified by heating engineer.

FULL FILL CAVITY WALL - Facing Brick Outer Leaf To achieve minimum U Value of 0.18W/m²K (302.5mm o/a thickness) Designated U value 0.17W/m²K. New cavity wall to comprise of 102.5mm facing brick as Planning Approval. Full fill cavity with 90mm Kingspan K106 Cavity Board OR 90mm Rectical Eurowall+ (Plus) or similar approved (K value 0.018W/m²K) insulation as manufacturer's details. Inner leaf to be 100mm block, thermal conductivity 0.11W/mK, e.g. Celcon Solar, Thermatite Turbo, Durox Supablock, Ylong 3.6 Standard. Internal finish to be 12.5mm plasterboard on dabs. Walls to be built with 1:1.6 cement mortar.

WINDOW SCHEDULE table with columns: Ref. No., Size mm, Area (m²), Location, Description, Obscured, Fire Esc., Backgrd, Lintel. Lists various window types and their specifications across different rooms.

GLAZING: All glazing to be designed and fitted to comply with B.S. 6262 - 4 : 2018. Safety glazing to be fitted to all critical areas in accordance with Approved Document K of the Building Regulations [2013 Edition]. All external doors, window and glazed screens to double glazing units (4mm 'low E' - 20mm cavity (Argon filled) - 4mm annealed glass - with a U - Value of 1.1W/m²K or better, all to comply with Approved Document L1 of the Building Regulations 2000, 2006 Edition.

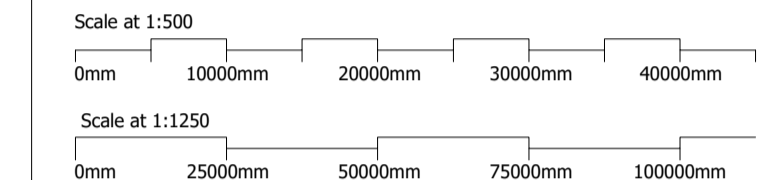
EXTERNAL DOOR SCHEDULE table with columns: Ref. No., Struct Op, Door Leaf, Glazed, Location, Description, Fire Esc., Backgrd, Lintel. Lists door types and their specifications.

GLAZING: All glazing to be designed and fitted to comply with B.S. 6262 - 4 : 2018. Safety glazing to be fitted to all critical areas in accordance with Approved Document K of the Building Regulations [2013 Edition]. All external doors, window and glazed screens to double glazing units (4mm 'low E' - 20mm cavity (Argon filled) - 4mm annealed glass - with a U - Value of 1.1W/m²K or better, all to comply with Approved Document L1 of the Building Regulations 2000, 2006 Edition.

INTERNAL DOOR SCHEDULE table with columns: Ref. No., Struct Op, Door Leaf, Fire Door, Location, Description, Lintel. Lists internal door types and their specifications.

ELECTRICAL LEGEND (Building Regulations) table with columns: Symbol, Description, Notes. Lists electrical symbols and their corresponding components.

Scales:



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The contractor is to carry out all works in full compliance with the Health and Safety Commission's Approved Code of Practice 'Managing Construction for Health and Safety' and Construction (Design and Management) Regulations 2015. All work and working practices on the site shall be carried out in accordance with the above and to ensure that there is no risk to the site operatives, visitors or public. The contractor is to include all preliminary allowances to cover the prevention of accidents and injury.

All works are to be carried out to comply with manufacturers, suppliers and industry guidelines, local authority regulations, good standards, fire safety recommendations, specialist subcontract recommendations and services supply and installation regulations. All manufacturers literature is to be kept on site. Provide all relevant guarantees in duplicate for presentation to the client. Allow all necessary attendance and liaison with CA's (and CA personnel) specialist subcontractor trades. Ensure all notifications are submitted to the Local Authority, Building Control and submit materials as required to the local Authority Planning Department. Carefully examine the drawings and notify any discrepancies to the CA for instruction prior to proceeding.

This drawing and design is for use solely in connection with the project described below. No Responsibility for Any Error Or Omission in This Specification Will Be Recognised Unless Brought to the Attention Of The Client Or His Agent Prior To Signing The Contracts.

Revision table with columns: Rev., Date, By, Amendment. Lists changes to the drawing.



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Land at Green Farm Hall Lane East Tuddenham Norfolk NR20 3LR

Client Name: ORCHARD HOMES

Drawing Title: Plot 1 - Ground Floor Plan

Drawn By: Richard Blurton, Checked By: John E. Barbuk, Project Ref Number: 18-444

Date: 19.11.19, Series: Building Regs., Drawing Number: 021, Revision: D

RIBA Chartered Practice logo.

PLOT No.1 PROPOSED Ground Floor Plan

Scale 1:50