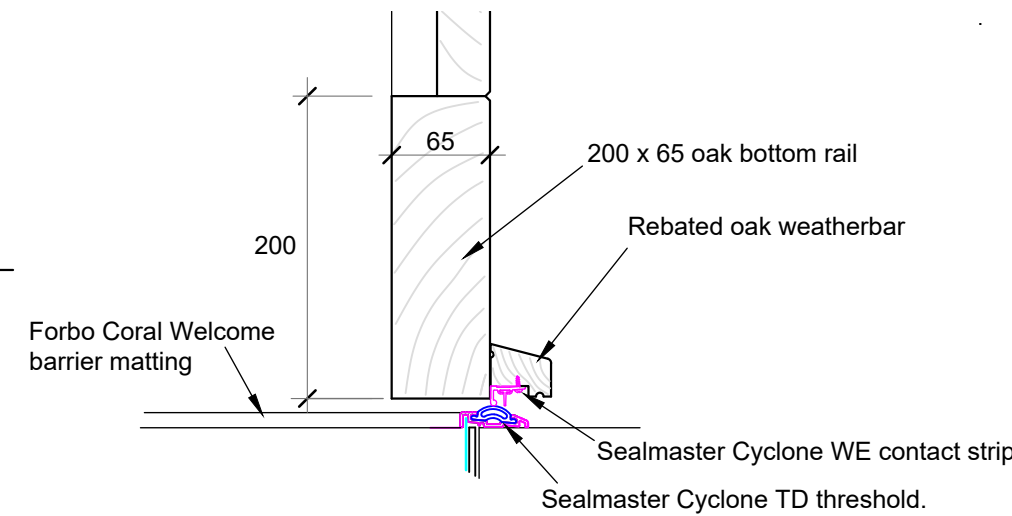


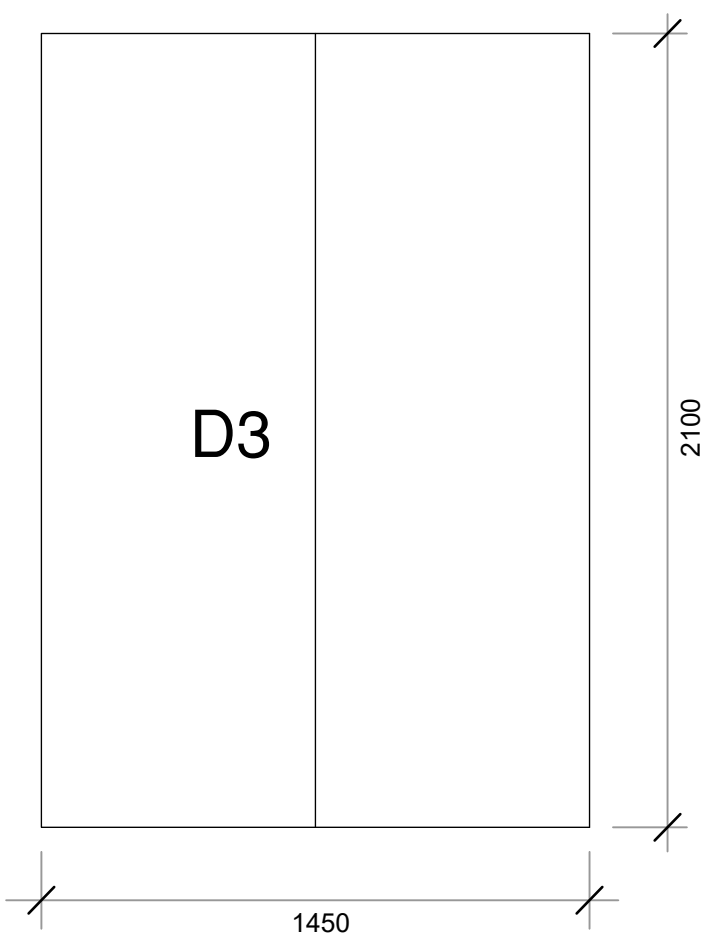
EXTERNAL ENTRANCE DOORS D1

- Scale 1:20**
Construction
65mm thick solid oak framed, ledged and braced pair of doors with glazed vision panels in 120 x 90mm rebated oak frame.
Finish: Clear lacquer.
Rebated meeting stile
External weatherbar
Draught seals all round.
Glazing to be 28mm double glazed sealed units comprising 6.4mm laminated external pane, 16mm cavity and 6mm toughened inner pane. Setting blocks and glazing compound.
Ironmongery:
1.5 pairs of ball bearing hinges per leaf.
Stainless steel pull handle 300mm to RH master leaf
Stainless steel push plate to inner face of master leaf
2no. mortice dead locks - high and low level. Oval cylinder. Both locks keyed alike.
Stainless steel escutcheons.
Overhead door closer to each leaf with hold open and delayed closing facility, stainless steel body.
Panic bar fire exit hardware to LH slave leaf with surface mounted vertical rods securing to ground and frame head. Dorma or equal with silver casing.
Sealmaster Cyclone Low threshold TD and contact strip WE in silver finish.
2no. Door stops - rubber with stainless steel carrier.
Hold open hook to external timber post.



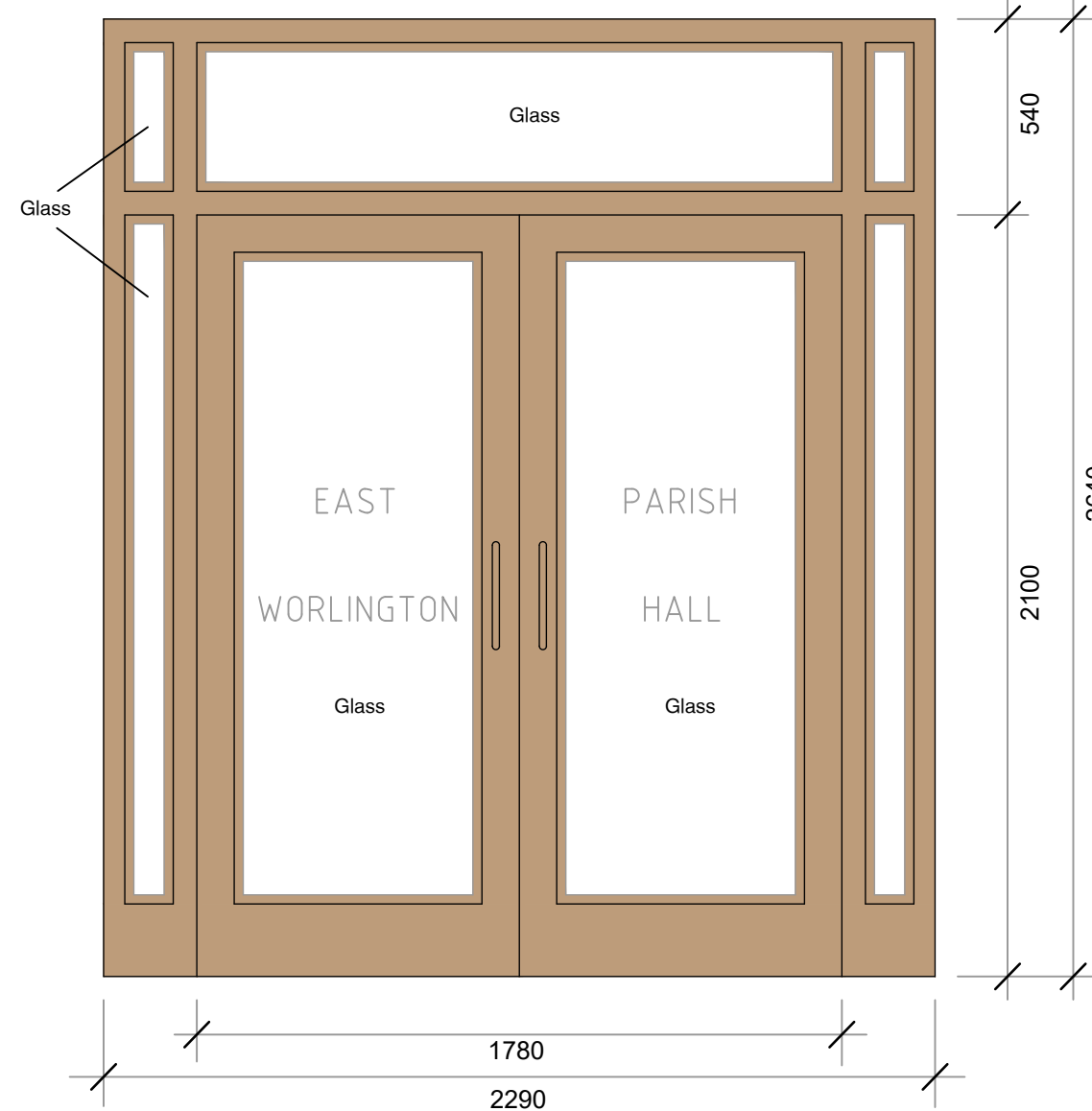
PROPOSED MAIN ENTRANCE DOORS D1 - SECTION OF BOTTOM RAIL / THRESHOLD

Scale 1:5



STORE DOORS D3

- Scale 1:20**
Construction
44mm thick FD30s fire resisting pair of oak veneer faced solid core doors. lipped on 4 edges. Lipping to leading edge of doors to be in contrasting colour.
Rebated meeting stile
Door lining 38mm s/w
Intumescent fire and smoke seals all round.
Ironmongery:
1.5 pairs of extending ball bearing hinges per leaf.
Pair of stainless steel pull handles to outer face.
Stainless steel kick plates to both faces.
Stainless steel push plates to inner face.
1no. mortice dead lock. Oval cylinder in masterkey system with thumbturn to inner face.
Stainless steel escutcheon.
Overhead door closer to each leaf, stainless steel body
2no. door stop - rubber with stainless steel carrier.
Fire door keep locked shut aluminium signs on each leaf - white lettering on blue background.



INNER FOYER DOORS D2

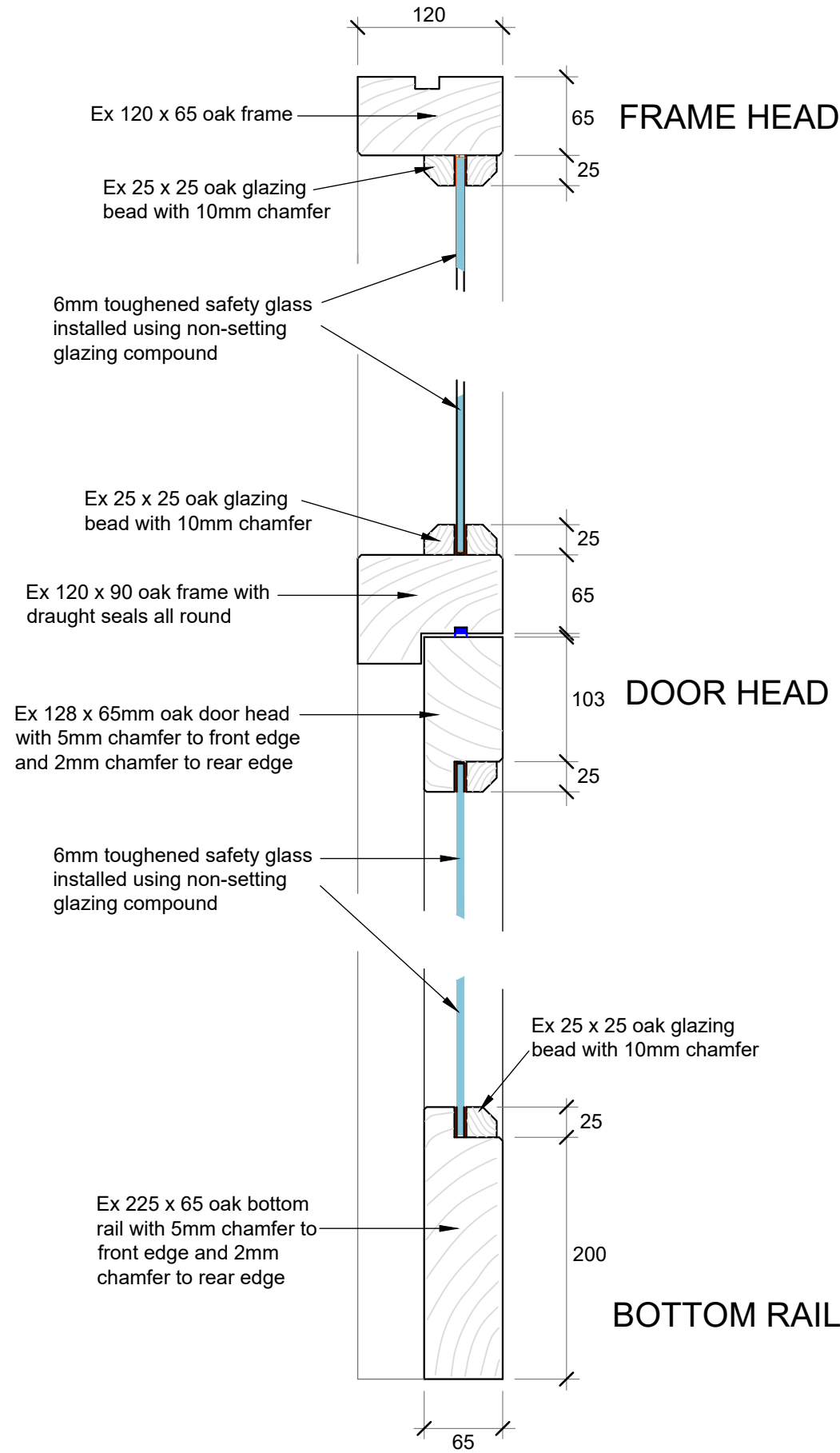
- Scale 1:20**
Construction
65mm non-fire rated solid oak glazed doors with glazed sidelights and fanlight in Ex 120 x 90mm rebated oak frame.
Finish: Clear lacquer.
Rounded meeting stile
Draught seals all round.
6mm toughened safety glazing. Setting blocks and non-setting glazing compound.
Manifestation: Etched wording on glass 'East Worlington Parish Hall'
Ironmongery:
1.5 pairs of ball bearing hinges per leaf.
Pair of 19mm dia x 300mm long stainless steel pull handles to external face.
Stainless steel kick plates to both faces.
Stainless steel push plates to inner face with 'PUSH' in black text.
2no. mortice dead locks - high and low level. Oval cylinder. Both locks keyed alike.
Stainless steel escutcheons.
Overhead door closer to each leaf with hold open and delayed closing facility, stainless steel body
Flush bolts to slave leaf.
2no. Door stops - rubber with stainless steel carrier.

ACCESSIBLE TOILET DOOR D4

- Scale 1:20**
Construction
44mm thick oak veneer faced solid core doors. lipped on 4 edges. Lipping to leading edge of doors to be in contrasting colour.
Door lining 38mm s/w.
Ironmongery:
1.5 pairs of ball bearing hinges per leaf.
Stainless steel pull handle to outer face.
Stainless steel kick plates to both faces.
Stainless steel push plates to inner face.
1no. mortice dead lock, oval cylinder in masterkey system.
Disabled sash lock with internal overthrow and external indicator
Stainless steel escutcheon.
Overhead door closer stainless steel body
Grab handle to inner face of door
1no. door stop - rubber with stainless steel carrier.

TOILET DOORS D5 & D6

- Scale 1:20**
Construction
44mm thick oak veneer faced solid core doors. lipped on 4 edges. Lipping to leading edge of doors to be in contrasting colour.
Door lining 38mm s/w.
Ironmongery:
1.5 pairs of ball bearing hinges.
Stainless steel pull handles to inner face.
Stainless steel kick plates to both faces.
Stainless steel push plates to outer face with 'PUSH' in black text
1no. mortice dead lock with external indicator, oval cylinder in masterkey system.
Stainless steel escutcheon.
Overhead door closer stainless steel body
1no. door stop - rubber with stainless steel carrier.



PROPOSED GLAZED DOORS D2 - VERTICAL SECTION DETAILS

Scale 1:5

NOTES

- Material & Workmanship**
General:
• All works to be carried out using materials meeting current British Standards or agreement certificates.
Operatives shall to be appropriately skilled and experienced for the type and quality of work being undertaken. Materials and fittings shall be installed in accordance with manufacturers instructions and where applicable accredited details.
• In respect of AD B, the purpose group for the building is group 5 (assembly & recreation).

BUILDING WORKS

- Demolition Works / Stripping Out**
• Carefully demolish existing lean-to structure. Grub out existing foundations. Dispose of arisings from site.

Foundations

Generally 600mm wide x 225mm deep GEN 1 mass concrete foundations to cavity walls and 450 x 225mm deep to internal walls as layout plan, at a minimum depth of 900mm below ground level. Foundation extended 450 x 450mm for timber support posts to main entrance doors. All concrete to BS 8500-2. From previous works geology of site known to be predominantly shillet.

Drainage - Below Ground

- Foul Water:**
• 100mm diameter solid wall Osma PVC-U plastic pipework or equal complying with BS EN 1401-1.
• Pipework laid at minimum gradient of 1:80.
• Bends at base of stacks 90° with minimum radius of 200mm.

Surface Water:

- 100mm diameter solid wall Osma PVC-U plastic pipework or equal complying with BS EN 1401-1.
- Pipework laid at minimum gradient of 1:80.
- Gullies: 100mm outlet clay to BS EN 295-1 with 150 x 150mm loose ductile cast iron grating grade B125 and galvanised steel silt bucket.
- ACO Bricketot B125 threshold drain to main entrance door D1.

Generally - Foul & Surface Water

- Class S granular surround with 100mm bedding and 100mm above crown of pipe.
- Class Z concrete surround below floor slab, adjacent to foundations and driveway crossover with 50mm concrete bedding and 150mm above crown of pipe.
- Backfill to trench with selected fill.
- Concrete lintels to BS EN8 45-2 over entry points through below ground masonry walls.
- Access chambers and catchpits to be constructed with engineering brickwork in 1:1:6 sulphate resisting mortar on 150mm concrete bases. Benching to be 1:3 cement / sand mortar. Covers ductile cast iron grade B125 to BS EN 124.
- Water testing of manholes and drains as AD H.

Drainage - Above Ground

- Rainwater: 113mm beaded half round Alumasc Heritage BHR5 cast aluminium gutters laid to falls or equal with 63mm round Alumasc Heritage RW1 downpipes discharging to gully's.
- Discharge stack & branch pipework: Stub stacks to be 110mm grey PVCu to BS 1329-1.
- Waste pipework for hand wash basins: Solvent welded 32mm white MUPVC or PVC-C.

External Wall Construction

- Cavity walls generally to be 325mm thick, but return walls to main entrance door recess reduced to 300mm.
- All concrete blockwork to be strength grade 3.6 N/mm² to BS EN 771-3.
- Below Ground**
 - 125mm random stone external skin built against 25mm SureCav cavity wall spacer system in 1:2 NHL 3.5 hydraulic lime sand mortar. 75mm EcoTherm Eco-Cavity insulation and an inner leaf of 3.6 N/mm² lightweight blockwork in 1:1:6 sulphate resisting mortar.
 - Concrete fill to cavity to 75mm below ground level - GEN1 Concrete mix with 10mm aggregate.
- Above Ground**
 - 125mm random stone external skin built against 25mm SureCav cavity wall spacer system in 1:2 NHL 3.5 hydraulic lime sand mortar. 75mm EcoTherm Eco-Cavity insulation and an inner leaf of 3.6 N/mm² lightweight blockwork in 1:1:6 mortar.

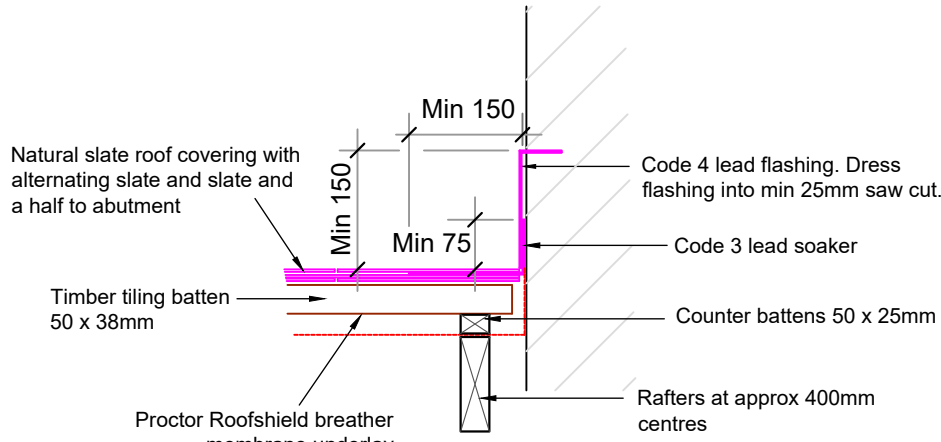
External Wall Construction - Generally:

- SureCav cavity wall spacer system to be installed fully in accordance with manufacturers instructions, accredited details and BBA certificate 04/4154 including provision of vertical DPC's at openings.
- Door opening D1: 300 x 100mm TH2 planed camfered oak beam (Beam 2).
- Concrete lintels to BS EN8 45-2 provided to openings in below ground cavity walls. Minimum bearing 100mm.
- Close cavities at openings with Kingspan Kooltherm 100.
- DPC: Polyethylene to BS 6515 provided min 150mm above ground level. DPC to laid on bed of mortar and project slightly.
- Cavity trays: Polyethylene to BS 6515 provided at DPC level, complete with stop ends.
- Air vent / weep holes provided above DPC cavity tray at min 1000mm centres.
- Internal Wall Construction**
 - Blockwork walls: 100mm dense blockwork in 1:1:6 mortar.
 - Concrete lintels to BS EN8 45-2 provided to blockwork wall openings. 100 x 140mm deep lintel to door opening D3 and toilet corridor opening. 100 x 70mm deep lintel to toilet door openings.

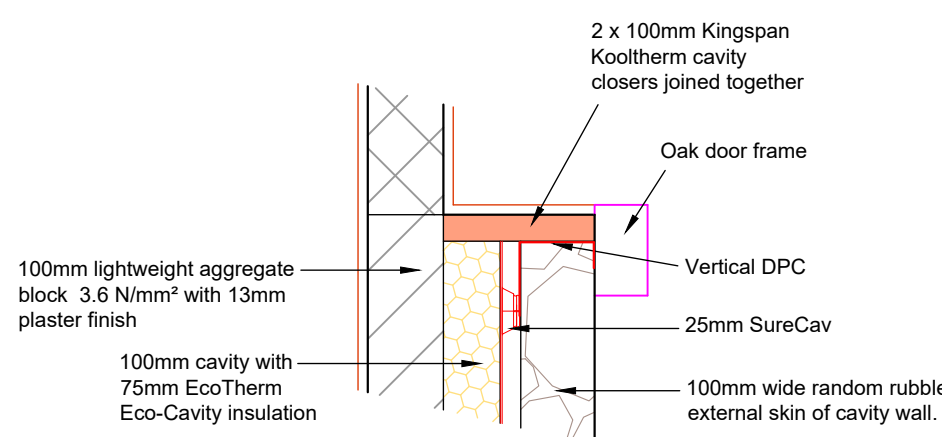
FRAME HEAD

DOOR HEAD

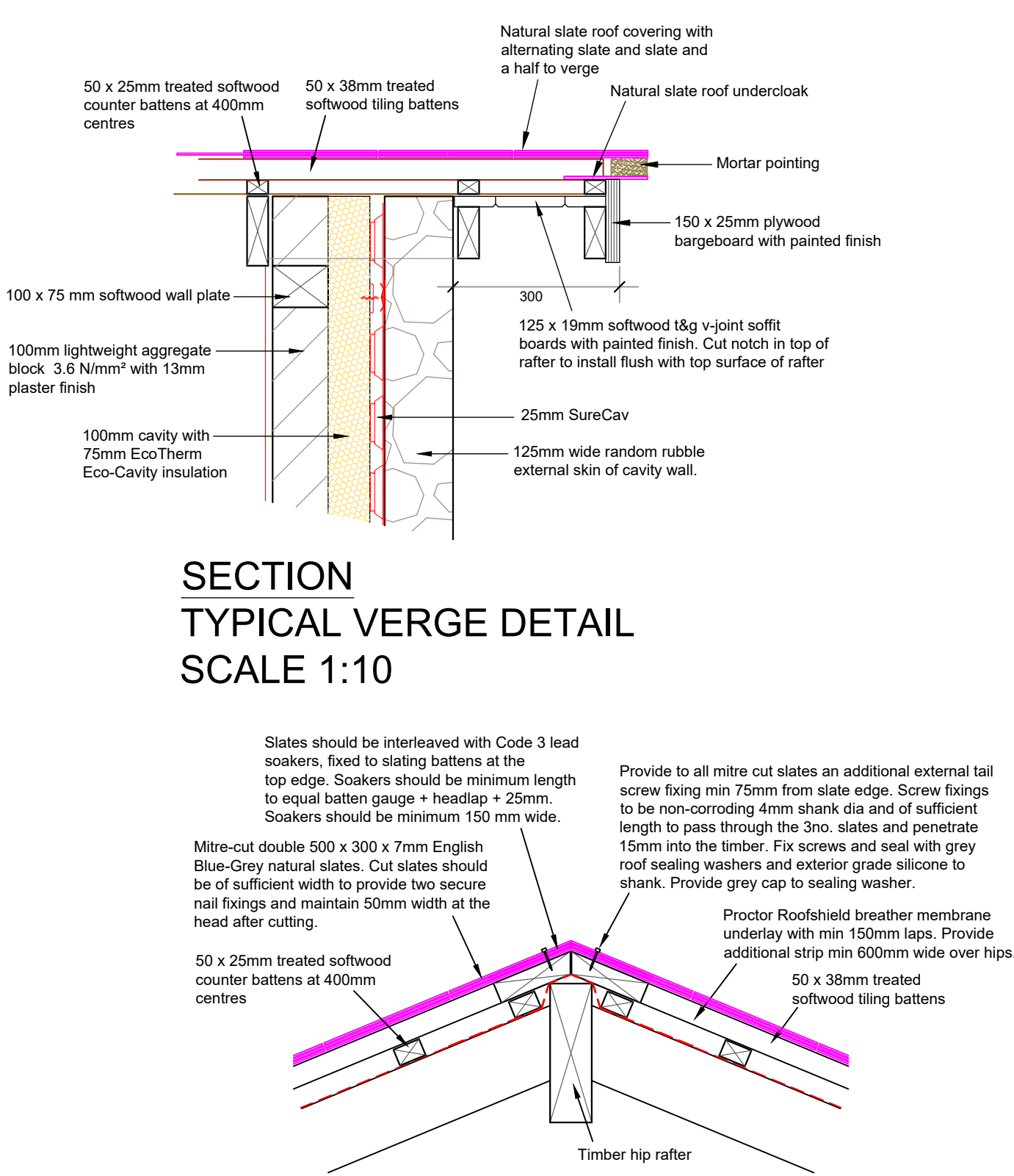
BOTTOM RAIL



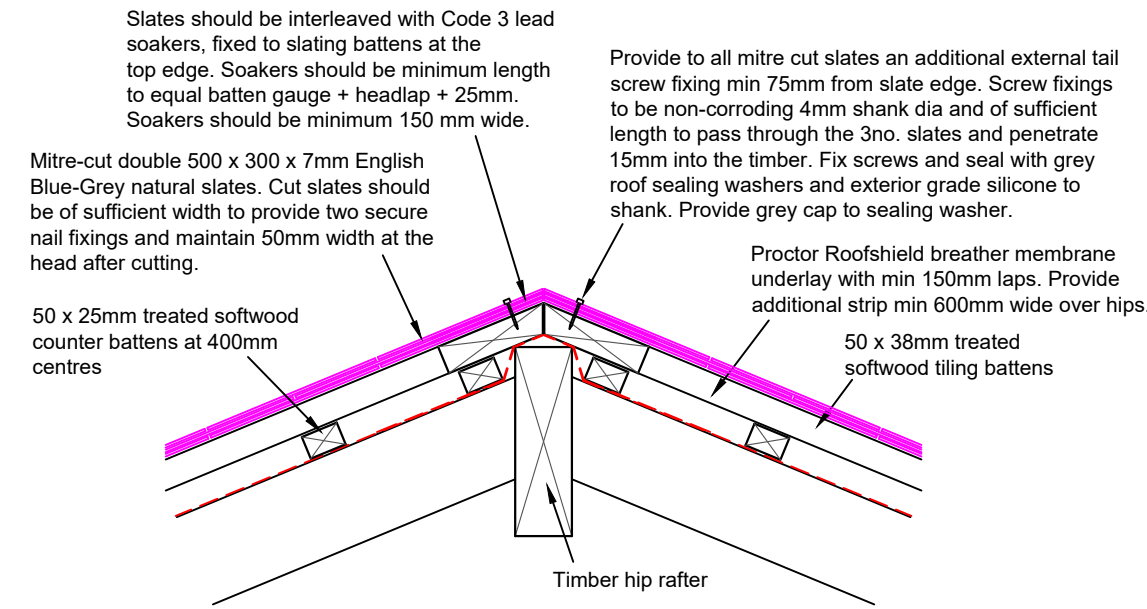
SECTION TYPICAL SIDE ABUTMENT DETAIL SCALE 1:10



HORIZONTAL SECTION CAVITY JAMB DETAIL TO DOOR D1 1:10



SECTION TYPICAL VERGE DETAIL SCALE 1:10



SECTION TYPICAL MITRE CUT HIP DETAIL SCALE 1:10

Ground Floor Construction

- 75mm 1:3 cement & sand screed.
- Ground bearing 125mm concrete slab with A252 mesh reinforcement on 500 gauge polythene separating layer.
- 75mm EcoTherm Eco-Versal under slab PIR insulation.
- Min 0.4mm thick polyethylene radon barrier / damp proof membrane lapped and sealed to damp proof course.
- 25mm compacted sand blinding.
- Minimum 150mm compacted venting hardcore.
- Radon sump 450 x 450mm proprietary plastic with 100mm PVCu underground header pipework with through draining T discharge fittings on gravel bedding and ground level ductile cast iron grating.
- Services floor duct provided across corridor with screw fixed plywood lid. Conceal below barrier matting.

Roof Construction

- Structure**
- Timber wall plates 100 x 75mm on mortar bedding to inner skin of cavity walls and internal walls. Secure to cavity walls with 30 x 5mm galvanised mild steel vertical restraint straps at 2.0m centres.
 - Roof structure constructed with 50 x 125mm C24 treated softwood rafters @ 400mm centres at pitch of 25.5° to the side elevations and a pitch of 22.5° to the front elevation. 75 x 250mm hip rafters. Support hip rafters and central rafters to front elevation on 200 x 100mm C24 beam (Beam 1), and at opening D1 on 300 x 100mm TH2 planed camfered oak beam (Beam 2).
 - Rafters longer than 2.2m to be double rafters. Rafters trimming roof lights as noted on drawing to be triple rafters.
 - At junction to existing building secure rafter to existing wall and trim around existing door opening pier.
 - Secure rafters with galvanised steel frame anchors. Provide 30 x 2.5 x 1200mm long twisted vertical steel restraint straps at 2.0m centres. All timbers to be treated with organic solvent type as Wood Protection Association Commodity Specification C. Exposed ends of rafters planed at eaves.
 - Exposed posts either side of main entrance to be 150 x 150 TH2 planed oak with chamfered arrises secured to concrete foundations with galvanised steel base plate and 2no. M12 galvanised steel bolts. Secure to rafters at roof level with 4no. galvanised steel M12 coach bolts.

Roof Covering

- Reclaimed natural slate roof covering. General slates min size 500 x 300mm with double slates to mitres.
- Mitred hips formed with cut double slates incorporating code 3 lead soakers. Additional screw fixing to tail with sealing washer and cap as typical detail.
- 50 x 38mm treated softwood tiling battens at gauge to provide minimum 130mm headlap.
- Proctor breathable underlay.
- 50 x 25mm treated softwood counter battens
- At eaves provide underlay to BS 8747 Annex B type BU.
- Code 4 lead flashing at abutment with existing hall wall and code 3 lead soakers.

Ceiling / Roof Insulation

- Ceiling lining to be 12.5mm vapour check plasterboard screw fixed with 2mm plaster skim coat finish.
- Insulation at ceiling level to comprise 100mm EcoTherm Eco-Versal rigid PIR insulation between rafters and 55mm layer of EcoTherm Eco-Versal rigid PIR insulation fixed to the underside of rafters giving an overall u-value of 0.18 W/m²K.

Roof Windows & Doors

- Roof Windows:**
- Rooflights to toilets: Velux GPL top hung window 780 wide x 1178mm high complete with flashings. Double glazed sealed unit comprising 6mm toughened outer pane, 6mm laminated inner pane with low-e coating and 15mm cavity filled with argon gas providing min U-value of 1.3(W/m²K).

External Door D1:

- Generally 65mm oak framed, ledged and braced pair of doors with Ex. 120 x 90mm rebated frame with EPDM draught seals all round. 24mm double glazed sealed unit vision panels comprising 6mm toughened outer pane, 6mm laminated inner pane with low-e coating and 12mm cavity filled with argon gas. Glazed unit installed using setting blocks and glazing compound. Min whole unit U-value of 1.8W/m²K.
- Main external door D1 to be provided with Sealmaster Cyclone low threshold and contact strip.
- Safety glazing to BS 6262.

Internal Doors:

- Internal foyer doors D2: 65mm thick solid oak pair of glazed doors and glazed timber screen with Ex. 120 x 90mm rebated frame with EPDM draught seals all round. 6mm toughened safety glazing installed using setting blocks and non-setting glazing compound.
- Internal doors to toilets: 44mm thick non-fire rated oak veneer faced solid core doors.
- Internal door D3 to store: 44mm thick FD30S 1/2 hour oak veneer faced solid core fire door complying with BS 476-22: BS EN 1634-1 or BS EN 1634-3, complete with intumescent and draught seals all round and over head door closer. Door to be provided with extending hinges to allow doors to fold back and be held in the open position for moving furniture and fittings into the hall. Whilst the building is occupied the store room doors will be locked shut.

Floor Coverings

- Entrance foyer - Forbo Coral Welcome barrier matting.
- Toilets: Forbo Surestep non-slip vinyl flooring.
- Store: Forbo Eternal vinyl flooring.

External Works

- Paving: CED Stone Temple Granite Setts with sawn textured surface in random lengths, bedded on 1:3 cement / sand mortar on min 150mm compacted type 1 sub-base. Jointing in 1:4 cement / sand mortar.
- Parking Bay markings and Disabled Parking Bay Logo: CED Stone Temple Granite Setts 250 x 100 flush to tarmac surfacing bedded as paving.
- Tarmac Repairs and Resurfacing: Minimum 200mm compacted Type 1 stone sub-base, 60mm AC 20 dense bin 40/60 binder course; and min 25mm AC 6 dense surf surface course.

TENDER ISSUE

Amendments	Date	Initial
A	Fire door keep locked shut signs to D3	18/01/19 RDB
Burn Valley Property Chartered Building Surveyors Yeomans Cottage Drayford Credition Devon EX17 4SL Tel: 01884 860288		
Client : East Worlington Parish Hall Management Committee		
Project Title : East Worlington Parish Hall East Worlington. Credition, Devon. EX17 4TS		
Drawing Title : Proposed Foyer Extension		
Standard Details & Door Schedule & Materials & Workmanship Notes		
Drawn By: RDB	Sheet Size: A1	
Scale: As Noted	Date : Nov 2018	
Project No. C153	Drawing No. C153 / 004	Amendment A