DRAFT

BUILDING REGULATIONS NOTES

NOTICE OF COMMENCEMENT
A notice of commencement is to be submitted to Building Control within 5 days of work being regarded as commenced, under regulation 16 of The Building Regulations etc. (Amendment) (England) Regulations 2010.

Work will be deemed to have commenced when the build has progressed to at least one of the following:

For complex buildings– Foundations are constructed, and the structure of the lowest floor level is complete. For new buildings and horizontal extensions - Sub surface structure of the building or the extension including all foundations and the structure of the ground floor level is completed.
For all other works – constructed 15% of the overall work.

NOTICE OF COMPLETION
A Notice of Completion to be given to Building Control not more than 5 days after the work has been completed. The notice to contain the following information:
• The name, address, telephone number and (if available) email address of the client, principal contractor, and principal designer.
• A statement from the applicant to say that the works have been completed and complies with all the applicable regulations to the best of their knowledge.
• A statement from both the principal contractor and principal designer to confirm they have fulfilled their duties under Part 2A (duty holders and competence).

CDM REGULATIONS 2015
The client must abide by the Construction Design and Management Regulations 2015. The Client must appoint a Contractor, if more than one Contractor is to be involved, the Client will need to appoint (in writing) a Principal Designer (to plan, manage and coordinate the planning and design work), and a Principal Contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project).

HEALTH AND SAFETY
The contractor is reminded of their liability to ensure due care, attention and consideration is given in regard to safe practice in compliance with the Health and Safety at Work Act 1974.

MATERIALS AND WORKMANSHIP
All works are to be carried out in a workmanlike manner. All materials and workmanship must comply with Regulation 7 of the Building Regulations, all relevant British Standards, European Standards, Agreement Certificates, Product Certification of Schemes (Kite Marks) etc. Products conforming to a European technical standard or harmonised European product should have a CE marking.
The latest edition of the British Standard (including any amendments) applies to any undated references within these specifications.

DEMOLITION
Measures to be put in place during and after the demolition to ensure the protection of the public, public amenities and adjoining properties.
Such measures to include:
• The shoring of adjoining buildings.
• The control of dust and noise generation.
• The weatherproofing of any parts of adjoining buildings which are left exposed by the demolition.
• The repairing and making good any damage to any adjacent building effected by the demolition.
• The removal of material or rubbish resulting from the clearance and demolition of the site.
• The disconnection, sealing or removal of any drain or sewer, as required.
• The making good of any disturbed ground.
• Any arrangements necessary for the disconnection off all services (e.g. gas, water, electricity).

Consultation with the Health and Safety Executive, and Fire Authority should be sought if burning structures or materials on site.
If the demolition is more than 50m³ in volume a formal notice of demolition is to be given to building control at least six weeks before any demolition work starts, in accordance with The Building Act 1984: Sections 80-83.
Consultation to be undertaken with the occupiers of adjacent buildings where applicable and a Party Wall agreement put in place. A planning application to demolish to be made where required.
All demolition work to comply with the Construction (Design and Management) Regulations 1994 and a Health and Safety plan is to be provided by the principal contractor.

SITE INVESTIGATION
A survey of the site is to be carried out by a suitably qualified person including, an initial ground investigation, a desk study and a walk over survey. A copy of all reports and surveys to be sent to building control for approval before works commence on site. Any asbestos, contaminated soil or lead paint found on the site is to be removed by a specialist. Asbestos is to be dealt with in accordance with the Control of Asbestos Regulations 2012.

SITE PREPARATION
Ground to be prepared for new works by removing all unsuitable material, vegetable matter and tree or shrub roots, to a suitable depth to prevent future growth. Seal up, cap off, disconnect and remove existing redundant services as necessary. Reasonable precautions must also be taken to avoid danger to health and safety caused by contaminants and ground gases, e.g. landfill gases, radon, vapours etc, on or in the ground covered, or to be covered by the building.

BEAMS (IF REQUIRED)
Supply and install new structural elements such as new beams, roof structure, floor structure, bearings, and padstones in accordance with the Structural Engineer's calculations and details. New steel beams to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullifire S or similar intumescent paint to provide 1/2 hour fire resistance, as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.

STRAPPING FOR PITCHED ROOF
Gable walls should be strapped to roofs at 2m centres. All external walls running parallel to roof rafters to be restrained at roof level using 1200mm x 30mm x 5mm galvanised mild steel horizontal straps or other approved to BS EN 845-1 (+A1:2016), straps to be screw fixed, built into walls at max 2000mm centres, and taken across a minimum of 3 rafters. Provide solid noggins between rafters at strap positions. All wall plates to be 100 x 50mm fixed to inner skin of cavity wall using 30mm x 5mm x 1000mm galvanized metal straps or other approved to BSEN 845-1 (+A1:2016) at maximum 2m centres.

OPENINGS AND RETURNS
An opening or recess greater than 0.1m² shall be at least 550mm from the supported wall (measured internally).

STEEL LINTELS
Lintel and lintel installation to be in accordance with BS 5977-1 Lintels. Method of assessment of load and BS EN 845-2 Specification for ancillary components for masonry.
Lintel to be galvanised steel, powder coated lintel, such as Catnic, with a built-in damp-proof course.
The lintel to be wide enough to provide adequate support to the walling above, to be installed with a nominal 150 mm bearing area at each end and be fully bedded on a solid bed of mortar. Only full bricks or blocks to be part of the bearing area - lintels not to be placed directly onto part bricks. Padstones and spreaders to be provided under the bearings, where required. Installation to be in accordance with manufacturer's recommendations.
Overhang of any masonry to be a maximum of 25mm and lintel toe to project beyond window head externally.
Risk of condensation at potential cold bridges to be minimised, wall insulation should abut the head of the window frame and insulation to be provided at the underside of the lintel unless the manufacturer produces an alternative.
(In severely exposed locations or where the lintel does not offer a built-in DPC, a separate membrane to be fitted, turned up at the edge to ensure the water is not directed into the cavity. For coastal areas, the use of soffit cladding to also be considered to provide further protection).
Unless only supporting a roof, lintels to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullifire S or similar intumescent paint to provide 1/2 hour fire resistance. All fire protection to be installed as detailed by specialist manufacturer.

TRENCH FOUNDATION
Provide 750mm thick trench fill concrete foundations with a minimum width equal to the width of the wall plus 300mm.
Concrete mix to conform to BS EN 206:2013 (+A2:2021) and BS 8004:2015 Code of practice for foundations (+A1:2020). All foundations to be a minimum of 1000mm below ground level, depth and size of foundation to be approved on site by Building Control to suit site conditions. All constructed in accordance with 2010 Building Regulations A1/2 and BS 8004 Code of Practice for Foundations (+A1:2020). Ensure foundations are constructed below invert level of any adjacent drains. Base of foundations supporting internal walls to be min 600mm below ground level. Sulphate resistant cement to be used if required. Please note that should any adverse soil conditions or difference in soil type be found, or any major tree roots in excavations, Building Control to be contacted and the advice of a Structural Engineer should be sought.

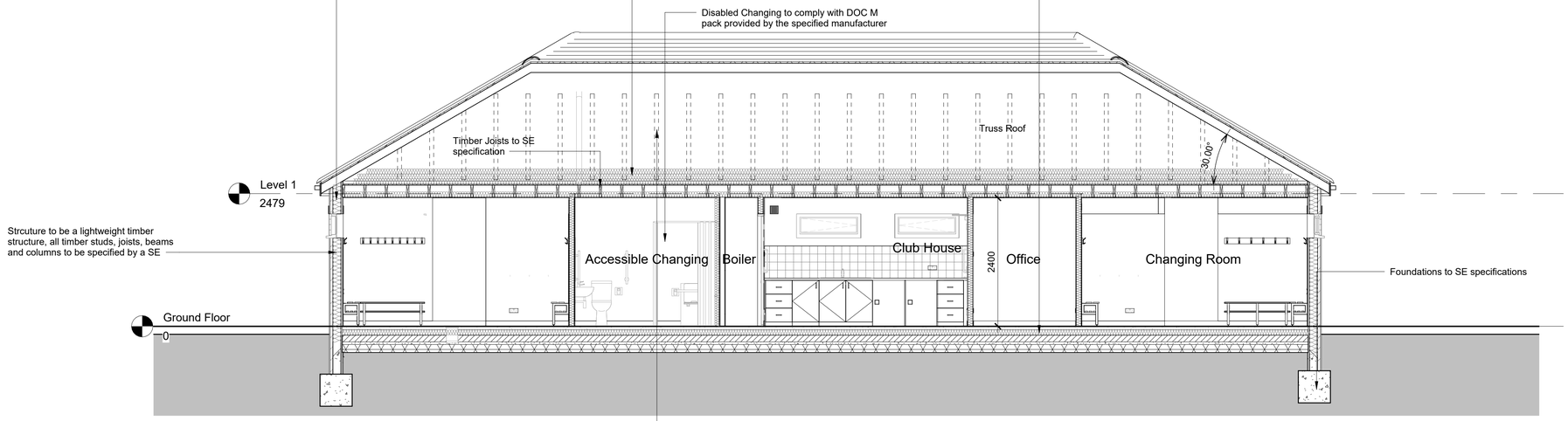
PIPES PASSING THROUGH WALLS
Walls above pipes passing through substructure walls to be supported on suitable lintel on semi-engineering bricks. Pipe to be provided with a 50mm clearance all round, opening to be masked with granular backfill (pea shingle) around pipe. DPC to be provided, as required by Building Control.
Alternatively
Where new pipework passes through external walls the pipe work is to be provided with 'rocker pipes' at a distance of 150mm either side of the wall face. The 'rocker pipes' must have flexible joints and be a maximum length of 600mm.

SOLID FLOOR INSULATION OVER SLAB
To meet min U value required of 0.15 W/m²K
P/A Ratio 0.5
Solid ground floor to consist of 150mm consolidated well-rammed hardcore, blinded with 50mm sand blinding. Provide 100mm ST2 or Gen2 ground bearing slab concrete mix to conform to BS 8500-2:2023 and BS EN 206 over a 1200 gauge polythene DPM. DPM to be lapped in with DPC in walls. Floor to be insulated over slab and DPM with min 100mm thick Kingspan Kooltherm insulation.
25mm insulation to continue around floor perimeters to avoid thermal bridging. A VCL should be laid over the insulation boards and turned up 100mm at room perimeters behind the skirting, all joints to be lapped by 150mm and sealed. Finish with 65mm sand/cement finishing screed with light mesh reinforcement.
Where drain runs pass under new floor, provide A142 mesh 1.0m wide and min 50mm concrete cover over length of drain.

TIMBER FRAME WALL
To achieve minimum U Value of 0.18 W/m²K
Timber cladding fixed to 25 x 38mm preservative-treated battens (provide counter battens to ensure vented and drained cavity if required) fixed to breathable membrane (having a vapour resistance of not more than 0.6 MNs/g) and 12mm thick WBP external quality plywood sheathing (or other approved). Ply fixed to treated timber frame studs constructed using: 150mm x 50mm head & sole plates and vertical studs (with noggins) at 400mm ctrs or to s/engineer's details & calculations. Insulation to be 150mm KINGSPAN KOOLTHERM K112 between studs. Provide vcl and 12.5mm plasterboard over internal face of insulation. Finish with 3mm skim coat of finishing plaster. Walls within 1m of the boundary to be lined externally with 12.5mm Supalux and 12.5mm Gyproc FireLine board internally to achieve 1/2 hour fire resistance from both sides and timber cladding to be treated with Fire Retardant Coating for Timber (ESVFR & QVFR) or similar paint system to achieve class 0 and 1 EU SBI/B/s1/d0.

PITCHED ROOF INSULATION AT CEILING LEVEL
To achieve U value of 0.11 W/m²K
Suitable roofing tiles on 25 x 38mm tanalised sw treated battens on breathable felt supported on 47 x 195mm grade C24 rafters at max 400mm centres,. Rafters supported on 100 x 50mm sw wall plates. Insulation at ceiling level to be 100mm Rockwool insulation laid between ceiling joists with a further 300mm layer over joists (cross direction). With 12.5mm plasterboard and min 3mm thistle multi-finish plaster.

SOLID FLOOR INSULATION OVER SLAB
To meet min U value required of 0.18 W/m²K
Solid ground floor to consist of 150mm consolidated well-rammed hardcore, blinded with 50mm sand blinding. Provide 100mm ST2 or Gen2 ground bearing slab concrete mix. DPM to be lapped in with DPC in walls. Floor to be insulated over slab and DPM with min 100mm thick Kingspan Kooltherm insulation. 25mm insulation to continue around floor perimeters to avoid thermal bridging. A VCL should be laid over the insulation boards and turned up 100mm at room perimeters behind the skirting, all joints to be lapped by 150mm and sealed. Finish with 65mm sand/cement finishing screed with light mesh reinforcement.



Section 1
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TRUSSED RAFTER ROOF
To achieve U-value 0.16 W/m²K
Pitched roof to be formed using proprietary prefabricated manufactured trusses. Design of roof trusses to be produced by specialist truss manufacturer to BS EN 1995-1-1:2004 Eurocode 5: Design of timber structures (+A2:2014), and submitted to Building Control for approval prior to commencement of work. Trusses to be placed at max 600ctrs in accordance with BS 8103-3:2009 and BS EN 1995-1 (+A2:2014) on suitable wall plates fixed using proprietary galvanised steel truss clips. All strapping, fixing and bracing to be in accordance with manufacturer's instructions. Mechanically fix trusses to 100 x 50mm sw treated wall plates using galvanized steel truss clips.
Form ceiling using 12.5mm plasterboard and min 3mm thistle multi-finish plaster. Insulation at ceiling level to be two layers of Rockwool insulation to total 300mm laid between over joists (cross direction. Provide polythene vapour barrier between insulation and plasterboard.
Where required provide opening at eaves level at least equal to continuous strip 25mm wide on two opposite sides to promote cross-ventilation and provide mono pitched roofs with ridge/high level ventilation equivalent to a 5mm gap via proprietary tile vents spaced in accordance with manufacturers details.
Loft hatches should be suitable designed and installed to ensure optimum air tightness. A proctor roofshield breathable membrane will also be required to be fitted as part of construction

A/C heating & cooling to be specified by M&E

Revision		Date	Initial
A	Title Block Updated	16/04/25	GB

TENDER ISSUE

Scale at 1:50 in meters
0 2.5 4.5

CLIENT
Wickham & Knowle Parish Council

TITLE
New Pavilion, Wickham Recreation Ground, Fareham Rd, Wickham, PO17 5BY
Construction Notes and Section

Scale @ A1 : As indicated
Date : 28/02/2025
Drawn by : MC
Checked by : GB
Drawing No: 24-050 -313
Revision: A

Spaces, 4500 Parkway
Solent Business Park
Whiteley, Fareham
Hampshire PO15 7AZ
T: 01329832435
e : office@axismail.co.uk
w: axisarchitecture.co.uk

AXIS