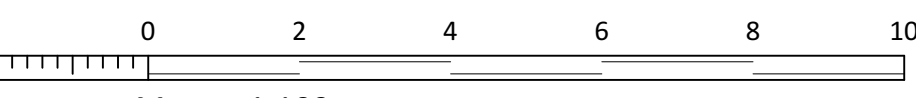
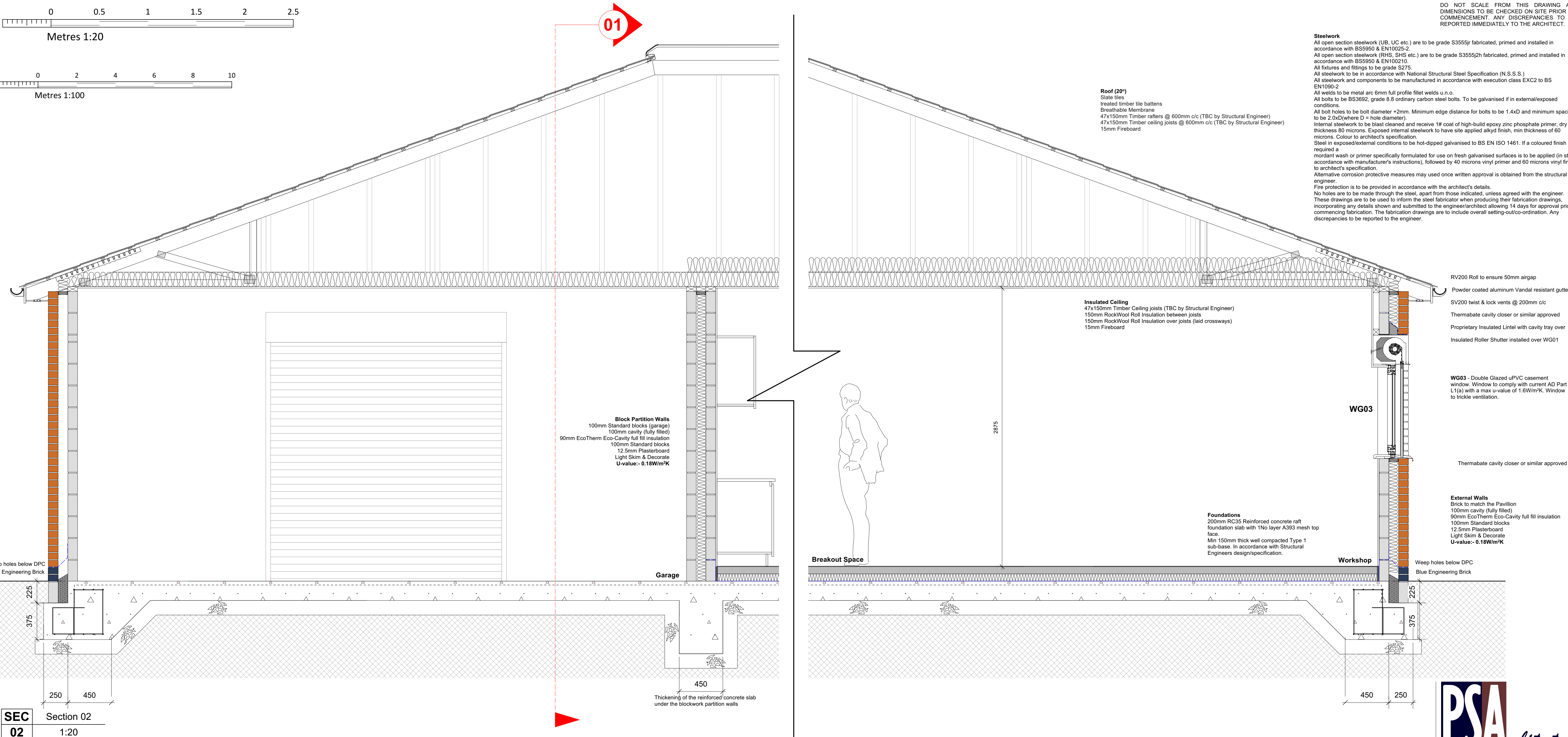


Metres 1:20



Metres 1:100



**Steelwork**  
 All open section steelwork (UB, UC etc.) are to be grade S3555jr fabricated, primed and installed in accordance with BS5950 & EN1025-2.  
 All open section steelwork (RH.S, SH.S etc.) are to be grade S35552h fabricated, primed and installed in accordance with BS5950 & EN100210.  
 All fixtures and fittings to be grade S275.  
 All steelwork to be in accordance with National Structural Steel Specification (N.S.S.S.)  
 All steelwork and components to be manufactured in accordance with execution class EXC2 to BS EN1090-2  
 All welds to be metal arc 6mm full profile fillet welds u.n.c.  
 All bolts to be BS3692, grade 8.8 ordinary carbon steel bolts. To be galvanised if in external/exposed conditions.  
 All bolt holes to be bolt diameter +2mm. Minimum edge distance for bolts to be 1.4xD and minimum spacing to be 2.0xD (where D = hole diameter).  
 Internal steelwork to be blast cleaned and receive 1<sup>st</sup> coat of high-build epoxy zinc phosphate primer, dry film thickness 80 microns. Exposed internal steelwork to have site applied alkyd finish, min thickness of 60 microns. Colour to architect's specification.  
 Steel in exposed/external conditions to be hot-dipped galvanised to BS EN ISO 1461. If a coloured finish is required a mordant wash or primer specifically formulated for use on fresh galvanised surfaces is to be applied (in strict accordance with manufacturer's instructions), followed by 40 microns vinyl primer and 60 microns vinyl finish to architect's specification.  
 Alternative corrosion protective measures may be used once written approval is obtained from the structural engineer.  
 Fire protection is to be provided in accordance with the architect's details.  
 No holes are to be made through the steel, apart from those indicated, unless agreed with the engineer.  
 These drawings are to be used to inform the steel fabricator when producing their fabrication drawings, incorporating any details shown and submitted to the engineer/architect allowing 14 days for approval prior to commencing fabrication. The fabrication drawings are to include overall setting-out/ordination. Any discrepancies to be reported to the engineer.

**Roof (20°)**  
 Slate tiles  
 treated timber tile battens  
 Breathable Membrane  
 47x150mm Timber rafters @ 600mm c/c (TBC by Structural Engineer)  
 47x150mm Timber ceiling joists @ 600mm c/c (TBC by Structural Engineer)  
 15mm Fireboard

**Insulated Ceiling**  
 47x150mm Timber Ceiling joists (TBC by Structural Engineer)  
 150mm RockWool Roll Insulation between joists  
 150mm RockWool Roll Insulation over joists (laid crossways)  
 15mm Fireboard

**Block Partition Walls**  
 100mm Standard blocks (garage)  
 100mm cavity (fully filled)  
 90mm EcoTherm Eco-Cavity full fill insulation  
 100mm Standard blocks  
 12.5mm Plasterboard  
 Light Skim & Decorate  
 U-value:- 0.18W/m<sup>2</sup>K

**Foundations**  
 200mm RC35 Reinforced concrete raft  
 foundation slab with 1No layer A393 mesh top face.  
 Min 150mm thick well compacted Type 1 sub-base. In accordance with Structural Engineers design/specification.

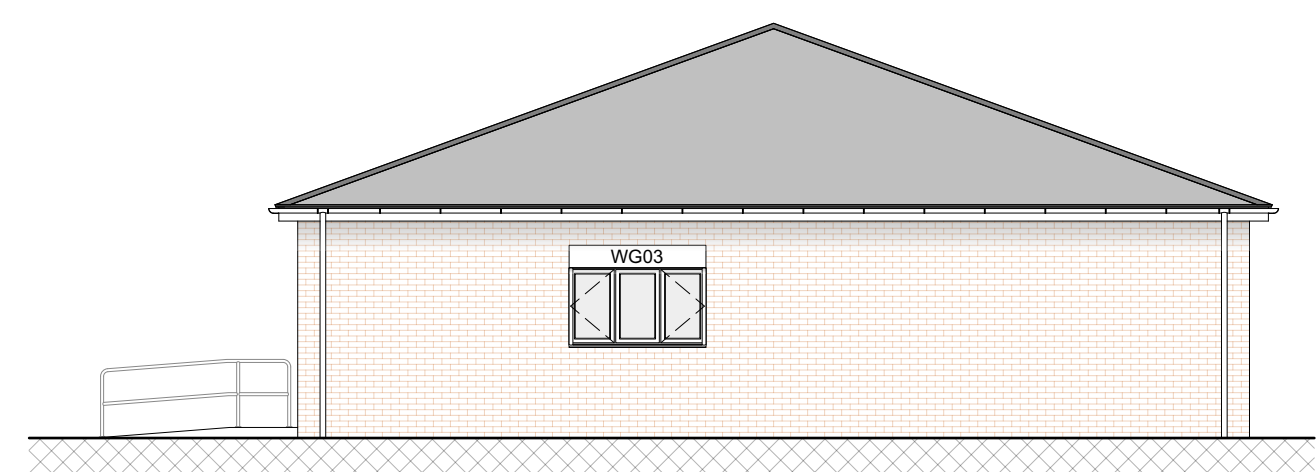
RV200 Roll to ensure 50mm airgap  
 Powder coated aluminum Vandal resistant gutters  
 SV200 twist & lock vents @ 200mm c/c  
 Thermabate cavity closer or similar approved  
 Proprietary Insulated Lintel with cavity tray over  
 Insulated Roller Shutter installed over WG01

**WG03** - Double Glazed uPVC casement window. Window to comply with current AD Part L1(a) with a max u-value of 1.6W/m<sup>2</sup>K. Window to trickle ventilation.

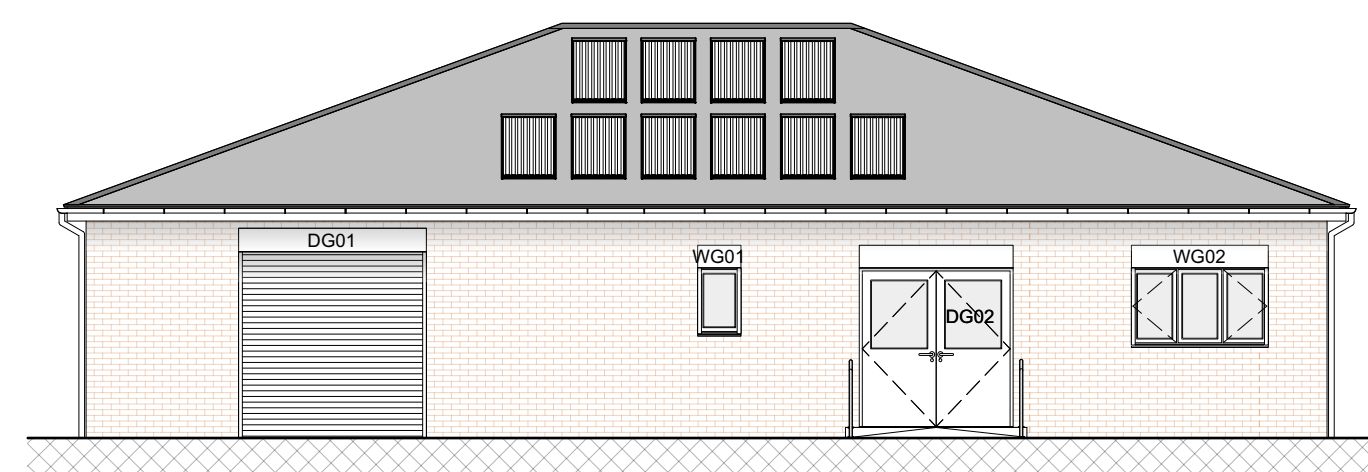
Thermabate cavity closer or similar approved

**External Walls**  
 Brick to match the Pavillion  
 100mm cavity (fully filled)  
 90mm EcoTherm Eco-Cavity full fill insulation  
 100mm Standard blocks  
 12.5mm Plasterboard  
 Light Skim & Decorate  
 U-value:- 0.18W/m<sup>2</sup>K

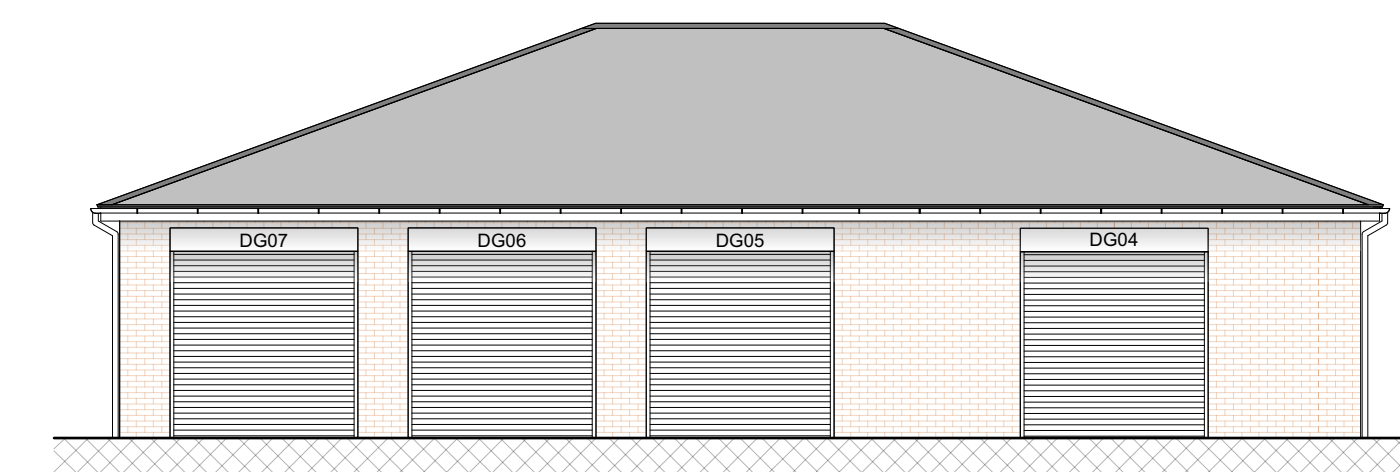
**SEC 02** Section 02 1:20



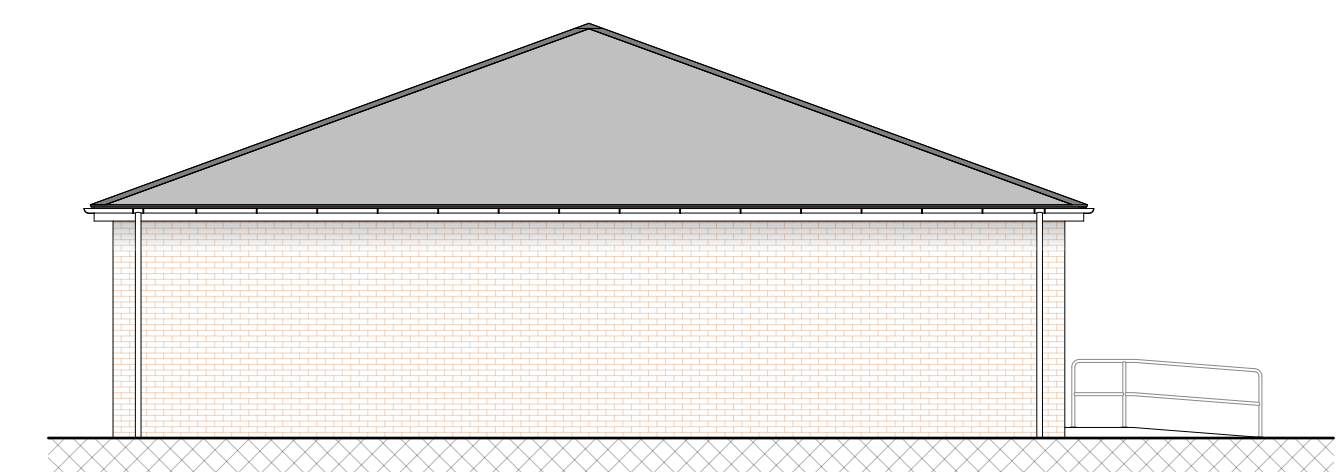
**ELV 01** Proposed SE Elevation 1:100



**ELV 02** Proposed SW Elevation 1:100



**ELV 03** Proposed NE Elevation 1:100



**ELV 04** Proposed NW Elevation 1:100

**Timber**  
 All softwood timbers are to be treated by double vacuum preservative treatment to BS:5707 part 3. All timber ends to be treated on site.  
 All timber fixings are to be galvanised/theradised except when into Oak in which case fixings are to be stainless steel.  
 Multiple timbers are to be bolted together at max. 400mm centres using M12 bolts and 51mm dia. toothed plate connectors.  
 Use square plate washers to outside face of timbers. Fixings to be staggered about member centre line along entire length of timbers.  
 Use proprietary joint hangers to support timbers off other timbers, or timber plate bolted to steel beam's web/flange using M8 bolts at 800mm centres staggered along length of beam.

**Bracing/Strapping:**  
 Traditional cut timber or truss rafter roofs to have standard timber bracing in accordance with BS5268 part 3 and/or in accordance with the truss manufacturer's design.  
 Vaulted and/or flat roof areas are to be lined with min. 8mm plywood fixed with 3mm dia nails at 300mm centres generally along each support and at 150mm centres along board edges.  
 Standard 30x5x1200mm long galvanised steel restraint straps (or similar approved with minimum tension capacity of 8kN) to be provided, for lateral restraint, to floors and around gables. Straps to be fixed over 38mm wide noggins at least half the depth of the joist or rafter. Straps to extend over at least 3No. joists or rafters. Spacing of straps to be at max. 2m centres in accordance with BS5628 or current Building Regulation Approved Document A.  
 Standard 30x5x1200mm long galvanised steel restraint straps (or similar approved with minimum tension capacity of 8kN) to be provided, for vertical restraint, to roofs. Straps fixed to wall plates, and to the supporting

**Masonry**  
 All external brickwork to have a min. compressive strength of 20N/mm<sup>2</sup> with a water absorption value between 7% & 12%.  
 All blockwork to have a min. compressive strength of 3.6N/mm<sup>2</sup> unless noted otherwise.  
 Blockwork generally above dpc to architect's specification but at the strength indicated on engineer's drawings, blockwork below dpc to have a min. density of 1500kg/m<sup>3</sup>. All blockwork to have a unit weight not exceeding 20kg, otherwise the contractor is required to produce a risk assessment and method statement for manual handling. Hollow blocks are not to be used without permission from the engineer.  
 Mortar to be generally designation (iii) above dpc & grade (ii) below dpc, unless noted otherwise.  
 All masonry supporting steel or precast concrete to have cured for at least 7 days prior to installations (extended to 10 days if temperatures have been below 5°C). Temporary lateral support and propping may be required for certain wall configurations and should be considered by the contractor.

**Foundations**  
 All foundations to be taken down to a consistent stratum with a minimum bearing pressure as specified.  
 All soft spots identified at foundation level are to be excavated and backfilled with GEN1 concrete unless noted otherwise. In the case of excessively large or deep soft spots this is to be reported to the engineer for further instructions.  
 Any significant change in type or level of the agreed bearing stratum must be reported to the engineer for further instructions.  
 The Building Control Inspector is to be informed prior to any concrete being poured.  
 The Contractor is responsible for ensuring that foundation trenches are not left open over night, otherwise the formation may require trimming to ensure an adequate bearing surface.  
 All reinforced concrete to be designated mix RC35 to BS8500.  
 Provide min 35mm concrete cover to all reinforcement.  
 Foundations have been designed for a safe bearing pressure of 75kN/m<sup>2</sup>



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PROJECT:  
**Workshop & Stores**  
**Amesbury Cricket Club**  
 Archers Way  
 Amesbury  
 SP4 7WQ

DRAWING:  
**Building Regs**  
**Section 02 & Elevations**

SCALE: 1:20, 100 @ A1  
 DATE: 11 2023

DESIGN:  PLANNING:  BLDG REGS:   
 TENDER:  CONSTRUCTION:

DRAWN: CEB & DJH DATE: 14/11/2023  
 CHECKED: DATE:  
 JOB No: 992

DWG No: 07 REV: C

CURRENT:   
 SUPERSEDED: