

Build proposed Storage Building in the manner shown.

Slide Gey interlocking roof tiles to roof.

Dark Brown stained feather edged boarding to external walls with low red facing brick walls.

Roof foundation to be all to Sidelobton Richardson Cheng structural details/calculations.

215mm low brick walls as shown.

Main walls to be timber stud walls all in accordance with Sidelobton Richardson Cheng structural details/calculations clad with breathable membrane and feather edged boarding.

Provide Celotex insulation to roof truss rafters – roof space to be exposed – no ceiling.

Provide Celotex insulation to external stud walls.

Connect foul drains to existing septic tank.

Provide and install Electric Panel Heating.

External Double Doors to be 2.45m high.

Roof Ventilation to Sloping Ceiling
Main walls to be timber stud walls all in accordance with Sidelobton Richardson Cheng structural details/calculations clad with breathable membrane and feather edged boarding. Provide proprietary ventilation equivalent to a 25mm continuous gap along eaves. At ridge provide proprietary ventilation equivalent to a 3mm continuous gap.

Valleys

Use proprietary fibreglass valleys or provide Code 4 lead to valleys to make completely watertight.

Safety Glazing

Provide safety glass to BS5206 to all windows to a minimum height of 800mm above floor level plus doors to a minimum height of 1500mm above floor level. Side screens to be same as doors if within 300mm of doors.

Ballmaster Gaskets

PVC rainwater goods 110mm half-round gutters and 68mm diameter downpipes.

Foul Water Drainage

Underground drainage to be proprietary 110mm diameter P.V.C. pipes with 110mm diameter sockets to be installed in 150mm pea gravel. Under building drains to be enclosed in 150mm pea gravel with limit over pipes at wall abutments. Where drain passes through wall, provide suitable protection to prevent gas ingress to building. 110mm diameter soil and vent pipe to extend 900mm above window head and to terminate in balloon limit. Soil and vent pipe to be installed in accordance with BS5582 and all underground drainage to BS5582 and all underground drainage to BS5501. Provide seal plates both sides of pipe entry to avoid vermin entry.

Surface Water Drainage

To be proprietary 110mm diameter P.V.C. pipes flexible joined to fall 1:70 bedded in 100mm pea gravel. Pipes to discharge into 1200mm diameter soakaways sited 5000mm away from buildings.

Protection to Underground Pipes

Where pipes are not under road and have less than 600mm cover concrete paving slabs should be laid as bridging above the pipes on minimum 75mm pea gravel. If flexible pipes are under a road and have less than 900mm cover reinforced concrete bridging should be used instead of paving slabs. Provide compressible material below slabs/concrete.

Inspection Chamber Construction

Proprietary polypropylene inspection chambers bedded on 150mm concrete. Form protective 255mm thick concrete collar around head of inspection chamber with 300mm projection from cover. Covers to be Grade C light duty unless inspection chambers are in driveways where Grade D medium duty covers are to be used.

Roof Intersections

If compound truss used, where main trusses fix to compound truss provide proprietary truss connectors. Provide 32 x 175mm valley lag boards and fix reducing trusses over to complete roof finish and fix in accordance with roof truss manufacturers instructions.

Roof Construction

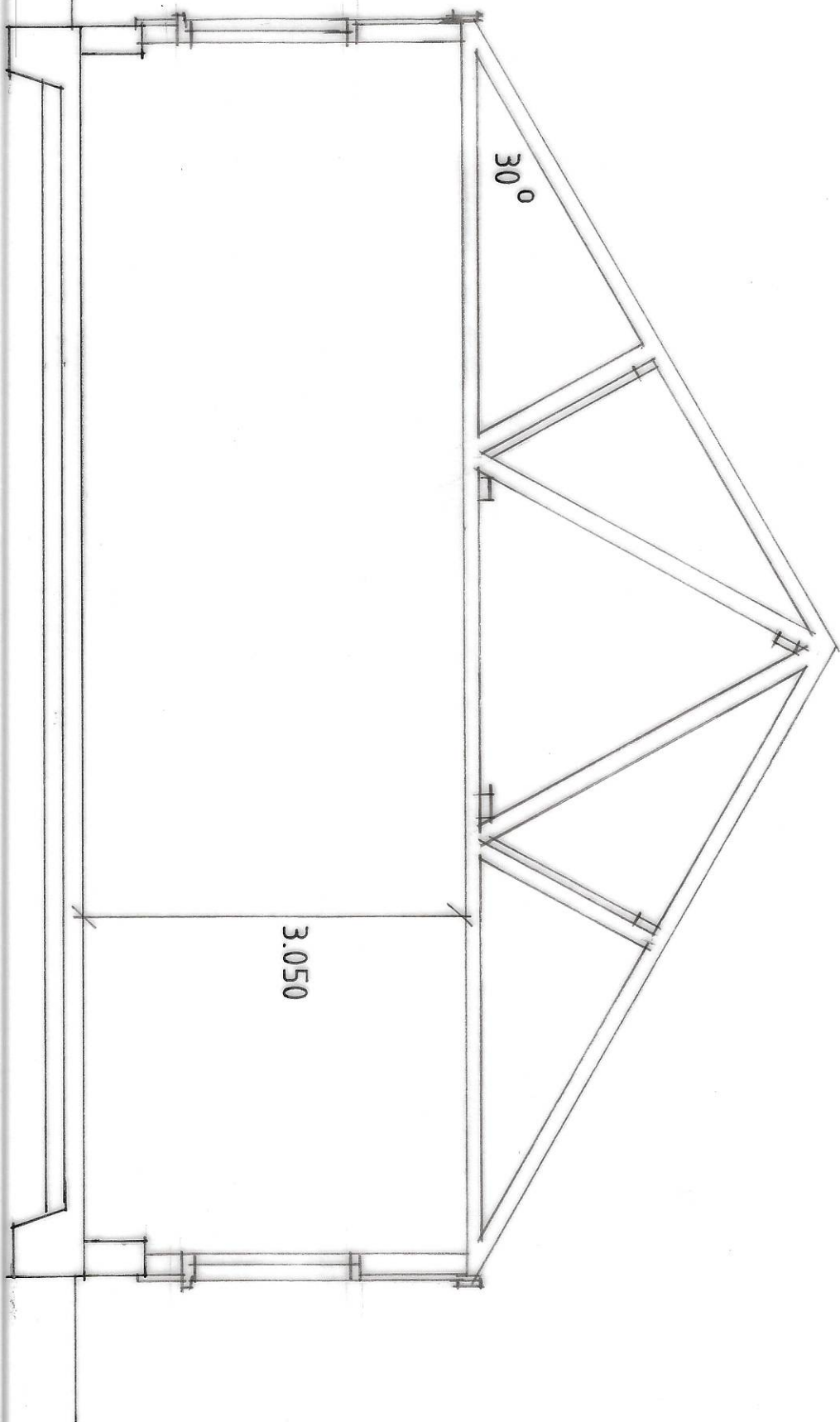
Concrete interlocking roof tiles (see site plan for details) on 38 x 25mm softwood treated timber battens on underfelt to BS3747 (Type 1P) lapped battens on reasonably and 100mm. Whereby, pre-qualified roof trusses at 600mm c/c and 1985. 25 x 100mm timber batten and fix in accordance with truss manufacturers instructions. All trusses and gable rudders (if any) to be strapped to 50 x 100mm timber wallplate, the gable wall at verges and eaves level with 50 x 50mm mild steel anchor and batted timber wallplate to be installed in accordance with maximum of 1200mm c/c. At strap positions provide pack and noggins to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site. Provide concrete padstones at compound truss supports where required by roof design. Water storage tanks to be installed in accordance with Technical Bulletin No. 417 P.A. with timber support members to span 4 no. trusses.

Header Tank Support

Water tank in roof space to be supported on beams to spread the load to BS5208 Part 3 1985.

Electrical Work

All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion of the works the council must be satisfied that either:-
a) an electrical installation certificate issued under a competent persons scheme has been issued
b) an appropriate electrical installation certificate has been issued for the work, and that it has been signed by a person competent to do so.



SECTION

