

CLASSIC EQUESTRIAN SPECIFICATION

FOUNDATIONS

Either a concrete raft or trench foundation will suit the Passmores superstructure. Depth and width of perimeter trench and overall concrete thickness will vary depending upon ground conditions. Please refer to foundation drawing. In the event of proximity to mature trees a local structural engineer should be consulted.

WALLS

Passmores supply and lay a bitumen felt dpc. The factory made wall panels are constructed from softwood sole and head plates and studs at 600mm centres. Studwork size is 4 x 2 CLS. Racking forces are taken by opposing pairs of cut in raking noggins or plywood linings. Studs are doubled at panel joints and loose box door frames and trebled at corners. Panels are joined with bolts or coachscrews. Openings supporting trusses are spanned with solid or box beams.

Cladding is fixed over Sisalkraft with 12 gauge stainless steel nails. Cladding, sole plate, fascias, bargeboards and door tgv is pressure preservative treated. Wall panels are anchored with M12 thru-bolts or fabricated steel brackets and concrete screws. Loose boxes are lined to 1.22m height in 15mm exterior grade Finnish plywood and partitions lined one side to eaves in 12mm or 15mm exterior grade Finnish plywood.

ROOF

Buildings are supplied with fabricated trussed rafters, constructed to BS EN 14250 and spaced at 0.6m centres. Scissor trusses are used in loose boxes to provide 2.78m headroom. Trusses are pressed metal bracketed to wall panels. Clad gables are fitted with bargeboards and louvred ventilators. Side walls are fitted with fascias. Roof canopy ceiling is 16 x 125 t&g boarding.

Felt Roof Buildings have a roof pitch of 22° and roof deck of 15mm OSB. 1 timber ridge ventilator is supplied per 2 loose boxes. **Tiled/slate roof buildings** have varying roof pitches (25° - 40° dependant upon customers tile choice). Timber ridge ventilators are not supplied and the roof is not boarded. The tiller should install ventilating ridge tiles.

Gutters and down pipes are an optional item from Passmores. The groundworks contractor should provide gullies, underground pipes and soak pit, all as described on the foundation drawing.

CLADDING OPTIONS

- 2 ex 32 x 150 Sawn Weatherboard
- 19 x 125 Planed Shiplap
- 25 x 150 Planed Shiplap

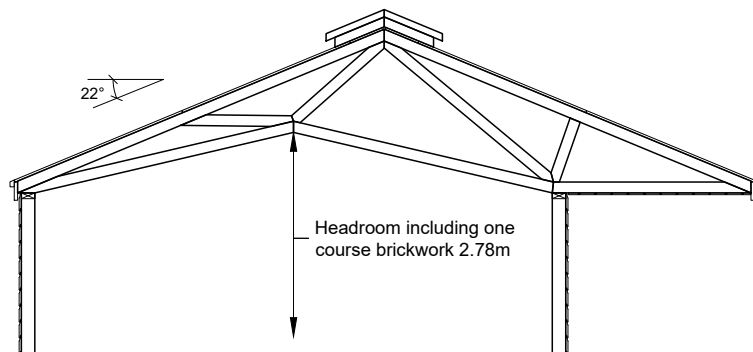
FELT ROOF

- 22° pitch
- Ridge Height (inc. ventilator) 3.55m
- Single layer 180 polyester high performance green mineralised felt

TILED ROOF OPTIONS

- 25° to 40° pitch
- 685N/m² design load
- Will suit slates or interlocking concrete tiles

LOOSE BOX SCISSOR TRUSS



TYPICAL SECTION (includes internal view of end wall).

