FLOOR CONSTRUCTION
- R.S.J. 8.100m long
- Bay size 6 off, 3.000m x 8.100m
- Joist size 90mm x 40mm, 405mm centres
- Floor loading 3kN
- Polystyrene insulation to provide 'U' value of 0.25
- Floor 15mm plywood

EXTERNAL WALLS
- 69mm x 38mm stud, ceiling height 2.340m
- Rockwool fire proof insulation to provide 'U' value of 0.40
- 9.5mm plywood external with textured paint finish
- 2 layers 12.5mm plasterboard to give 1 hour fire resistance
- R.L.G. standard connection plates to joints
- 900mm x 1100mm windows uPVC 50/50 double glazed to provide 'U' value of 2.00

ROOF & CEILING
- 10° pitch timber roof trusses
- 12.5mm plasterboard ceiling
- Cold roof with Rockwool roof insulation to provide a 'U' value of 0.25
- 15mm plywood decking
- Three coats of roof felt with standard green finish
to give A4 fire rating
- 610mm centres

INTERNAL WALLS
- 64mm x 38mm stud
- 12.5mm plasterboard

FOUNDATIONS
- Standard 600mm x 450mm concrete paving slabs
- plus 220mm x 450mm x 90mm concrete blocks and shims, if required, to level.
- R.S.J. chassis to sit on adjustable steel screw jacks placed on the paving slabs

HEATING
- 2 kw electric convectors
- Heaters controlled through solid state electronic control and triac circuitry.

PROPOSED MOBILE CLASSROOM FOR:
Broughton Primary School

Six Bay, 2 classbase with toilets & store

Drawn: PCRT
Date: 15/07/01
Scale: 1:100
Sheet: A3

RLG Mobile Buildings, Unit 1, Algores Way, Wisbech, Cambridgeshire.