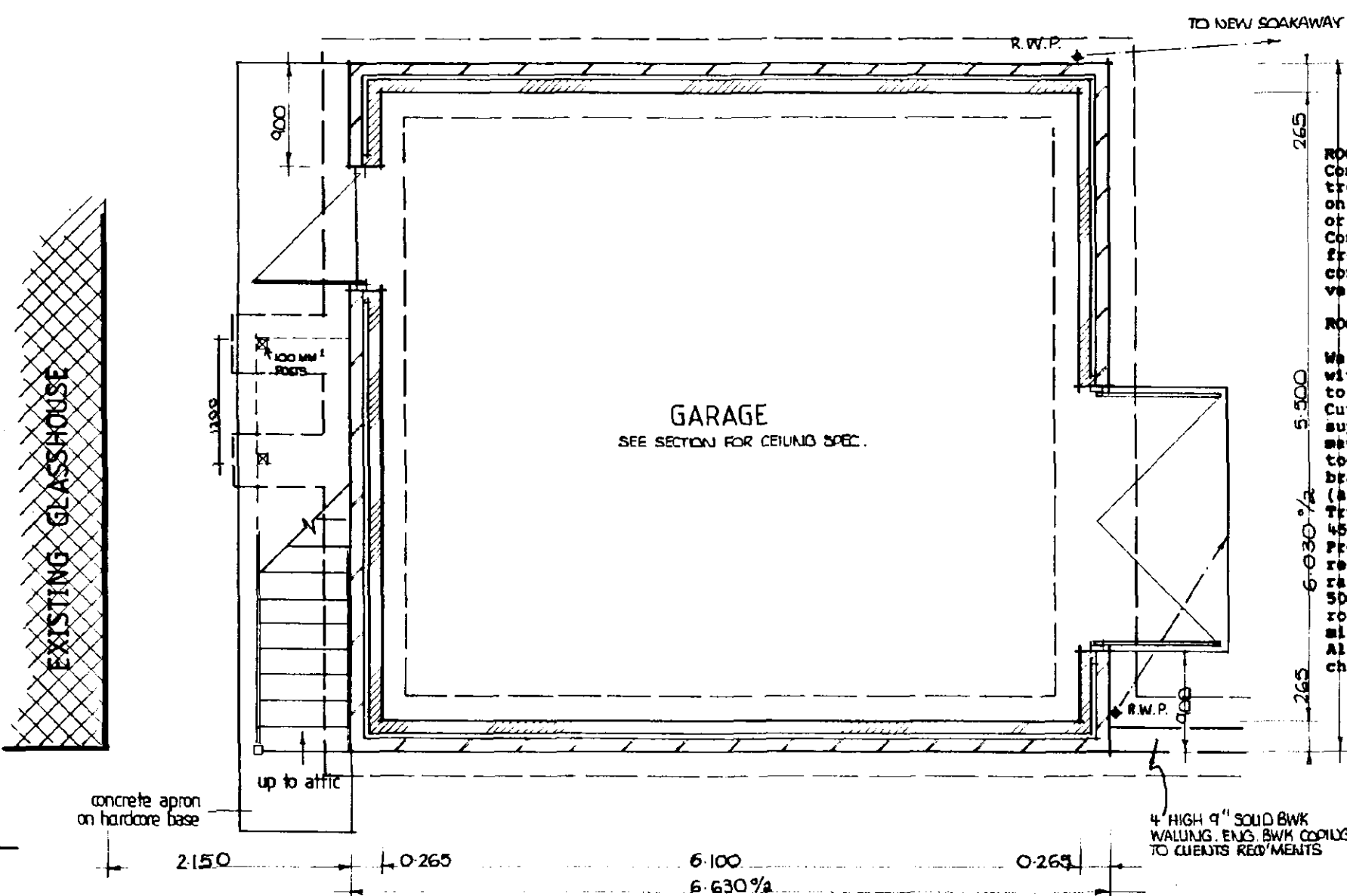


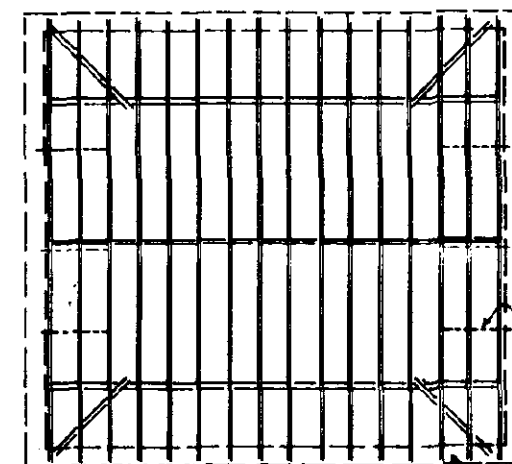
GROUND FLOOR CONSTRUCTION: 100mm concrete oversite slab
 ST4 to S.S.5328:1990 on 1200 gauge P.V.C.
 D.P.C. with welded joints and lapped into wall
 D.P.C.'s on 150mm min. (Max 600mm) Well blinded
 and consolidated clean limestone or crushed
 carstone hardcore base.



ROOF COVERING:
 Concrete interlocking roof tiles on 38 x 25mm
 treated softwood battens, gauge to suit tiling
 on B.S.747 type 1/2 untearable roofing felt
 or similar on cut/trussed rafters as applicable.
 Contractor is to determine tile fixing specification
 from manufacturers published literature with due
 consideration for site location, anticipated wind
 velocities and roof pitch.

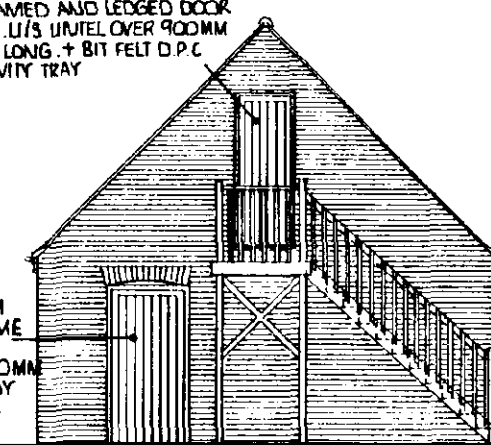
ROOF CONSTRUCTION:

Wall plates generally 100 x 65mm treated softwood
 with half lapped joints and fully bedded strapped down
 to support wall with 30 x 5mm GMS straps at Max 1.2M $\frac{1}{4}$
 Cut rafters fully birdsmouthed over and twice nailed to all
 supports. Trussed rafter roof to be designed and
 manufactured by an approved manufacturer and fixed,
 together with min. 100 x 25mm uawn 6W binders and
 bracing in accordance with B.S.5268 Part III 1985
 (and any subsequent amendment)
 Trusses spaced at maximum 400mm centres and pitched at
 45°: CONFIGURATION: ROOM IN ROOF.
 Provide 30 x 5mm once bent (900/100) galv.M.S. lateral
 restraint straps to external walls at ceiling and
 rafter level where shown at max 2.0M fixed with 4N
 50mm B gauge CSK screws or 5N 3.5 x 50mm galv.
 round wire nails to 2N trusses/ceiling joints
 minimum 1/2 solid blocking support and edge packing.
 All structural timbers to be kept 40mm clear of
 chimneys, flues etc.

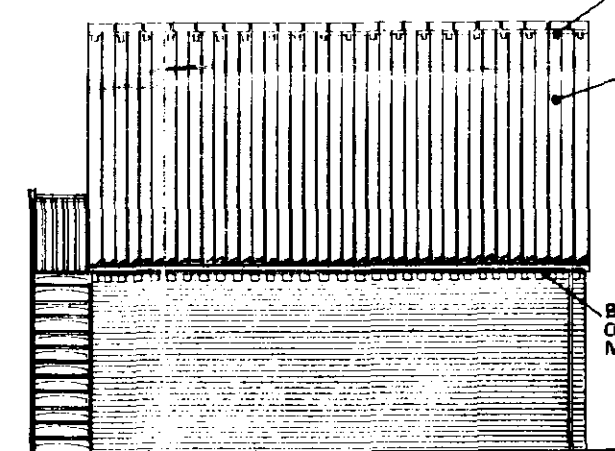


ROOF TRUSS LAYOUT

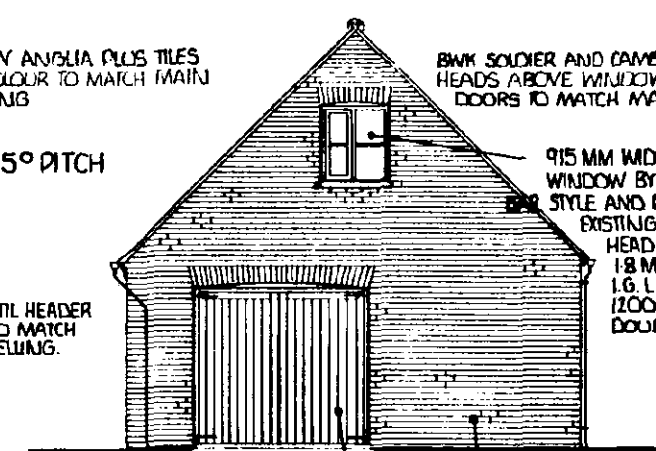
FRAME CODE: F1123M (8.8P) INWARD OPENING
 656 x 1981 MM (2'3" x 6'6")
 FRAMED AND LEDGED DOOR
 1/2 L/S UNTEL OVER ROOM
 1/2 LONG - 1 BIT FELT D.P.C.
 CAVITY TRAY



North Elevation



East & West Elevations



South Elevation

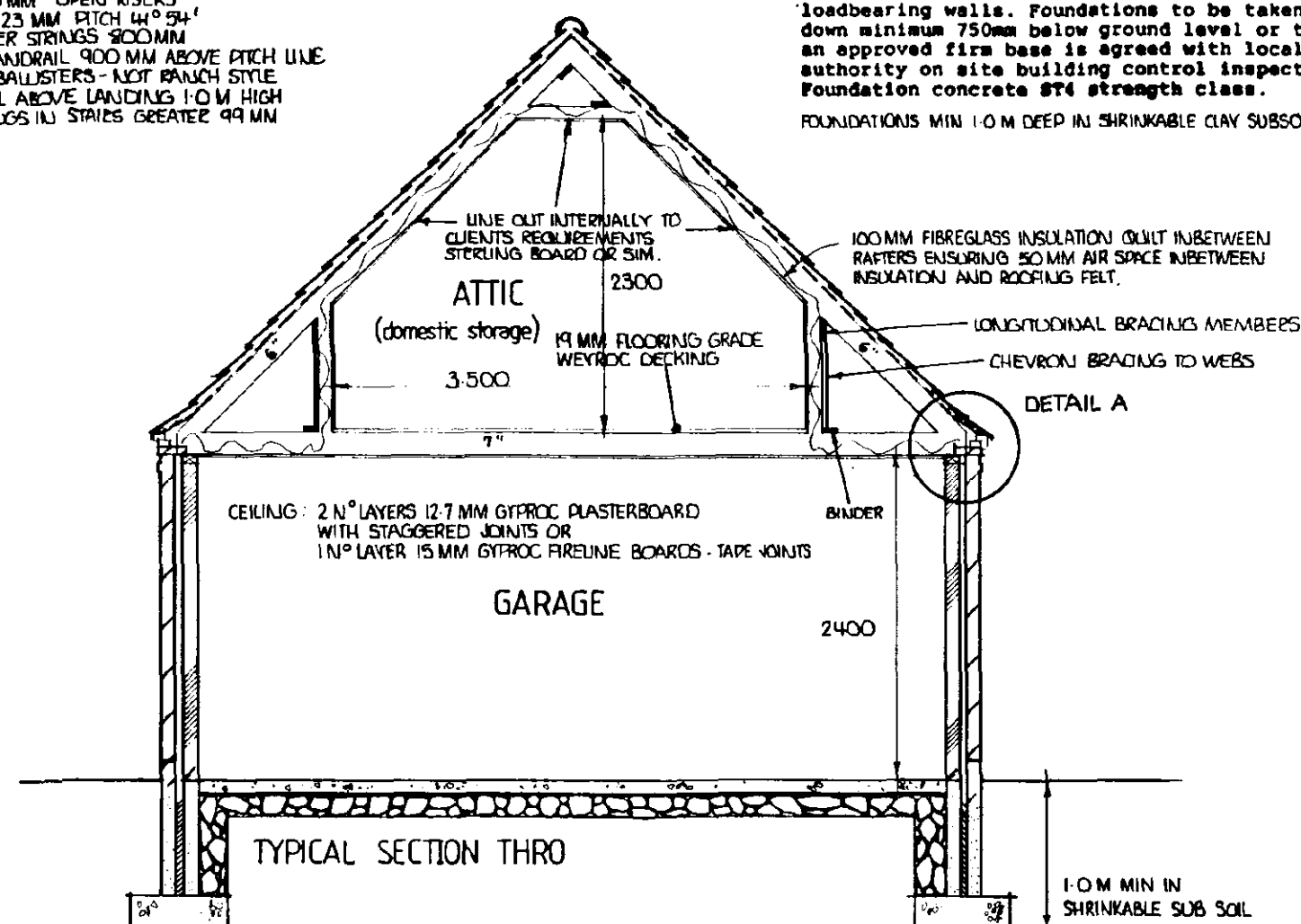
CAVITY WALL CONSTRUCTION:

265mm cavity walling to consist:
 100mm facing external brickwork to B.S.3921:1974
 for clay bricks and B.S.187:1978 for calcium
 silicate bricks.
 65mm cavity
 100mm internal cavity skin of tarmac hemelitz
 insulation blockwork.
 Cavity walls to be tied together using galvanised
 iron or plastic twist ties spaced 900mm
 horizontally and 450mm vertically 300mm ctrs at
 unbonded cavity closures
 Mortar to B.R.E. digest Mol78 and CP 121 part 1 1973.
 And as recommended by bwk. manufacturer. Close
 cavities at eaves and provide Bituminous felt D.P.C.
 Provide 1/2 felt D.P.C. also to sills and jambs
 at closure.
 Provide bituminous
 felt D.P.C. above all exposed lintels as cavity tray

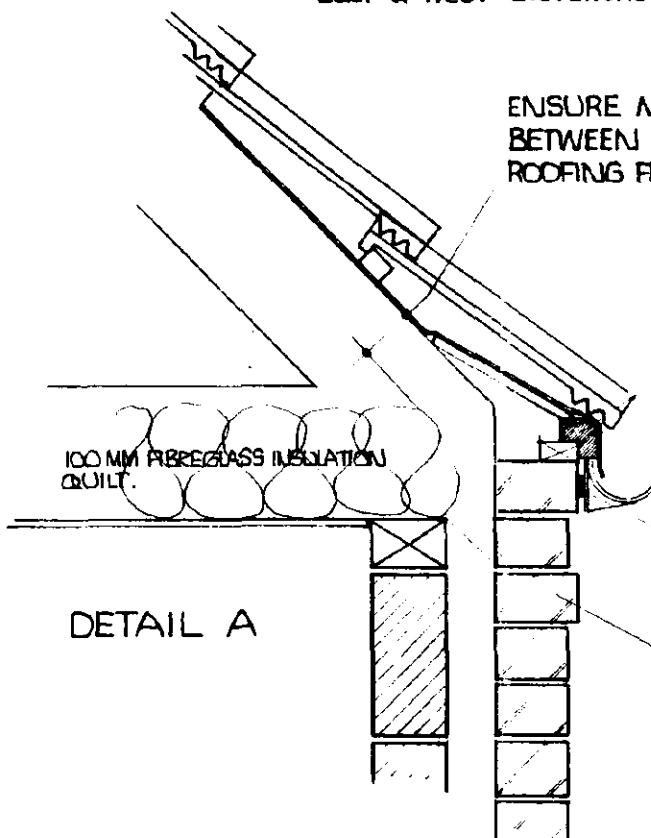
SUB STRUCTURE WALLING:
 Class 'B' engineering brickwork or
 Class 'A' concrete brickwork (7N/M²)
 In 1:3 cement mortar. Bricks below DPC
 to be F.L. designation and to B.S.3921
 1:2 lean mix concrete cavity fill and to
 terminate 225mm below lowest D.P.C. level.
 D.P.C. installed a minimum 150mm above
 ground level

STAIRCASE: MANUFACTURED IN TIMBER TO CLIENTS REQUIREMENTS
 TOTAL RISE: 2400MM TO BE CHECKED ON SITE
 12 UP 200MM OPEN RISERS
 GOINGS 223MM PITCH 1/4° 94'
 WIDTH OVER STRING 900MM
 TIMBER HANDRAIL 900MM ABOVE PITCH LINE
 VERTICAL BALUSTERS - NOT RANCH STYLE
 HANDRAIL ABOVE LANDING 1.0 M HIGH
 NO SPACINGS IN STAIRS GREATER 99MM

FOUNDATIONS:
 Strip all top soil / vegetable soil locally
 and reduce levels further as necessary.
 Unless otherwise stated foundations to be
 700mm wide x 225mm deep under cavity walls
 and 450mm wide x 225mm deep under 100mm
 loadbearing walls. Foundations to be taken
 down minimum 750mm below ground level or to
 an approved firm base is agreed with local
 authority on site building control inspector.
 Foundation concrete ST4 strength class.
 FOUNDATIONS MIN 1.0 M DEEP IN SHRINKABLE CLAY SUBSOILS



TYPICAL SECTION THRO



DETAIL A

GLIDEVALE FV 250 CONTINUOUS
 VENTILATOR (PROVIDES 25000 MM²/METRE VENTILATION)
 FIXED TO BATTEN ON BWK IN ACCORD MANUFACTURERS
 DETAILS.

FV 250 GLITTER BRACKET SPACERS

BWK HEADER DENTIL COURSE TO
 MATCH MAIN HOUSE

NOTE: CLOSE CAVITY AT EAVES, EG.
 BWK, SLATE + D.P.C.

SURFACE WATER DRAINAGE:

100mm diameter vitrified clay or p.v.c. pipes SuperSieve
 flexibly jointed to fall 1 in 70. Pipes bedded on min 50mm
 pea gravel & to discharge into 1.2m diameter brick
 filled soakways sited 5.0m away from any building.

PROTECTION TO FOUL & SURFACE WATER DRAINS:

Where flexible pipes are not under a road and have less than
 600mm cover concrete paving slabs should be laid as bridging
 above the pipes on min. 75mm pea gravel. If flexible pipes
 are under a road and have less 0.9m cover then reinforced
 concrete bridging should be used instead of paving slabs.

PODDINGTONS

Architectural Design Consultants

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 Tel: 0775 761856 & 768296. Fax: 0775 710218

project

PROPOSED GARAGE
 AT FROSTLEY GATE NURSERY
 FROSTLEY GATE, FLEET PEN. Lincs.

CLIENT: MR HORSFIELD

drawing

PLAN AS PROPOSED

scale

1:50 1:100 1:500

date

FEBRUARY 1997

drawing no

2766 -1

drawn

checked