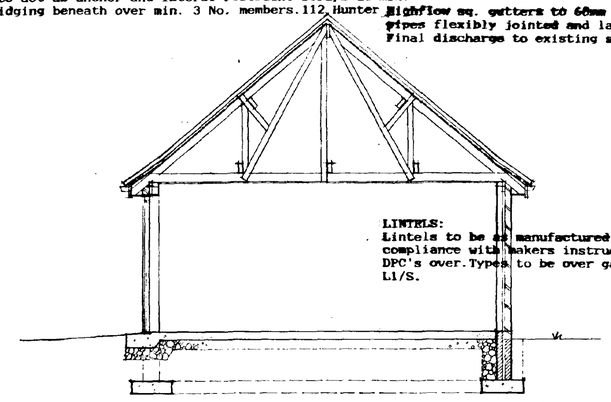
ROOF CONSTRUCTION:
Interlocking concrete roof tiles (Red) to BS:473:500 Part 2: 1972 on 19 x 38 softwood treated battens on untearable roofing felt to BS:747 Type 1F and in all cases to be lapped by 150 both horizontally and vertically.Tiles to be laid with a min. headlap of 75mm. and to be fixed in acordance with regard to wind speed roof pitch and exposure category as detailed in CP3:chapter 5 Part 2. 1972.Principal trusses formed as shown at 1.5M centres and to cosist of 50 x 100 rafters.50 x 125 ceiling joists. with all struts and hangers of 50 x 100. 63 dia.double sided tooth plate connectors with 50 x 3.2 thick mild steel washers and 75 dia.double sided tooth plate connectors with 63 x 3.2 thick mild steel washers. Bolts to be 12.7 dia. Hex round with washers under head and nut. holes in timber to be 14mm dia. Nails to be 75 x 10 s.w.g. wire. Truss configuration based upon TRADA Design sheet 80 using increased sizes.

50 x 150 Purlins in positions shown. 50 x 125 binders in positions shown. 25 x 150 ridge. Intermediate rafters and ceiling joists of same size to be set at 450mm centres.12.5 Plasterboard to ceiling. 63 x 100 wall plate.25 x 175 PSE Barge and fascia boards. 9mm ext. grade ply soffit with 25mm continuous air gap and fly proof screen. No insulation to roof space. Provide 30 x 5 galvanised metal straps to act as anchor and lateral restraint straps at max. 2M centres with solid bridging beneath over min. 3 No. members.112 Hunter Highflow sq. gutters to 68mm downpipes discharging to 110dia. underground pipes flexibly jointed and laid to falls. bed and surround 150 Pea Gravel. Final discharge to existing surface water drain on site.



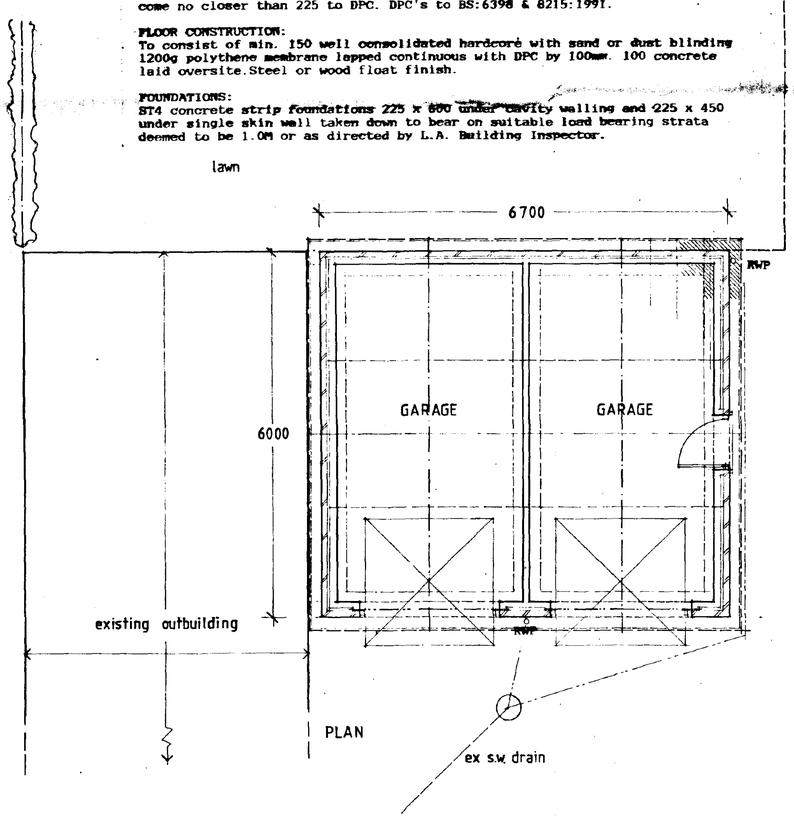
SECTION

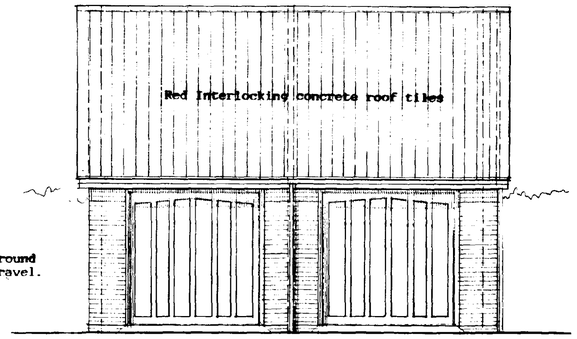
LINTELS:
Lintels to be as manufactured by Messrs. I.G. and installed in complete compliance with makers instructions. Min. 150 end bearings and cavity tray DPC's over.Types to be over garage doors I.G. L/1HD and over side door I.G. L1/S.

SUB STRUCTURE WALLING:
To be 100mm class A dense concrete blocks to BS:6703 Part 1:1981. DPC set min 150 above finished ground level. Weak mix infill to base of cavity and to come no closer than 225 to DPC. DPC's to BS:6398 & 8215:1991.

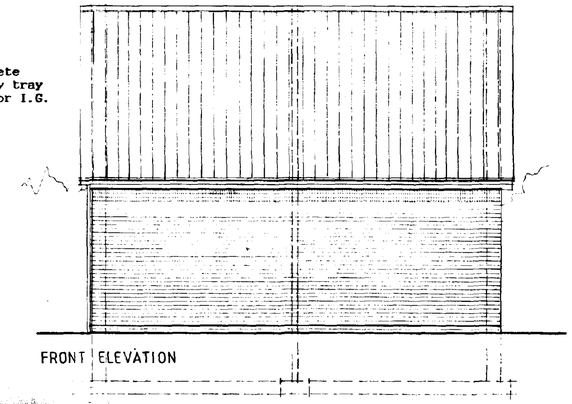
FLOOR CONSTRUCTION:
To consist of min. 150 well consolidated hardcore with sand or dust blinding 1200g polythene membrane lapped continuous with DPC by 100mm. 100 concrete laid oversite.Steel or wood float finish.

FOUNDATIONS:
ST4 concrete strip foundations 225 x 600 under cavity walling and 225 x 450 under single skin wall taken down to bear on suitable load bearing strata deemed to be 1.0M or as directed by L.A. Building Inspector.

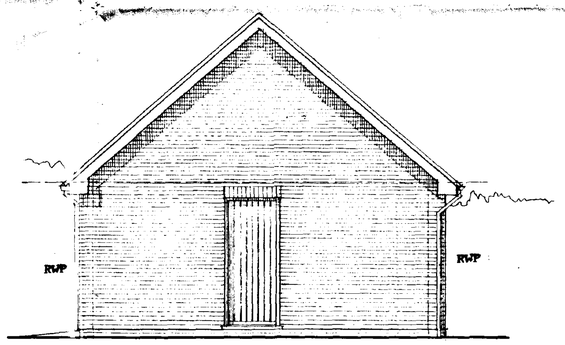




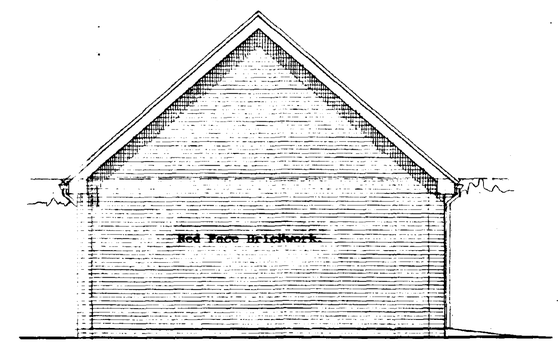
REAR ELEVATION Up and over garage doors.



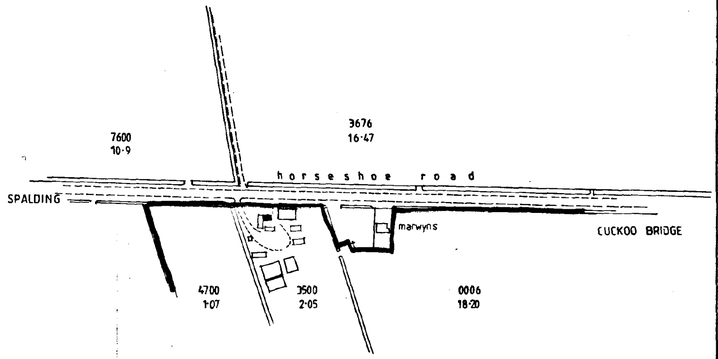
FRONT ELEVATION



SIDE ELEVATION



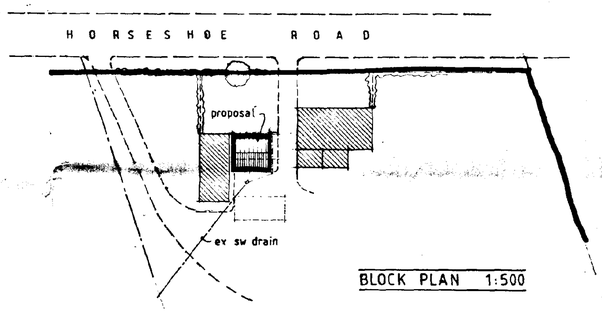
SIDE ELEVATION



LOCATION PLAN 1:2500

NORTH

WALLING:
265 cavity walling to consist of face brickwork (Red) to BS:3921:1974 for clay bricks. 65mm cavity (no insulation) Inner leaf to be 100mm solid insulation blocks (Tarmac Topbloc) or similar. Cavity walls tied together using galvanised iron twist ties set at 900 horizontally and 450 vertically to BS:1243:1978. Wall ties to be positioned at 250 vertical centres at all unbonded closures of cavity. Provide vertical DPC's.



BLOCK PLAN 1:500

DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING 18 SEP 1995 Ref: H16/0644/95.

ROGER WILLIAMS
ARCHITECTURAL • DESIGN • CONSULTANT
01205·363603
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date	JUNE 1995	scale	1:50	drawing no.	CAW/S/95/01

PROPOSED DOUBLE GARAGE AT HORSESHOE FARM
HORSESHOE ROAD SPALDING LINCS.

client C. A. WRIGHT ESQ.

revision