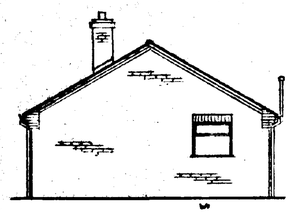
OPENINGS IN WALLS FOR SAP CALCS.

ELEV. W1 :- 1·8 x 1·05 x 1 = 1·26m².

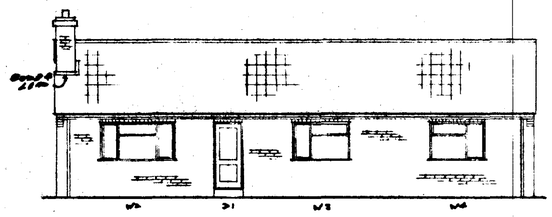
ELEV. W2 :- 2·4 x 1·2 x 1 = 2·88
W3 W4 :- 1·77 x 1·2 x 2 = 4·24
7·12 m²
D1 :- ·9 x 1·2 = 1·08m².

ELEV. W5 :- 0·488 x ·9 x 1 = 0·44
W6 :- 1·77 x 1·2 x 1 = 2·12
W7 :- 1·2 x 1·05 x 1 = 1·26
W8 :- 1·77 x 1·05 x 1 = 1·85
5·67 m²
D2 D3 :- ·9 x 1·2 x 2 = 3·78m²

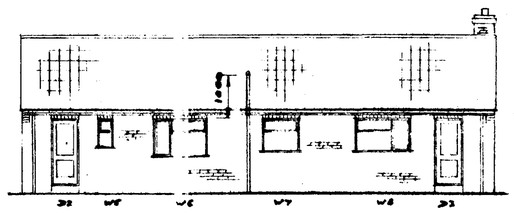
ELEV. W9 :- 1·8 x 1·05 x 1 = 1·26
W10 :- 0·488 x ·9 x 1 = 0·58
W11 :- 0·488 x ·9 x 1 = 0·58
2·42 m².



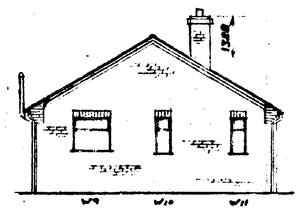
S.E. ELEV.



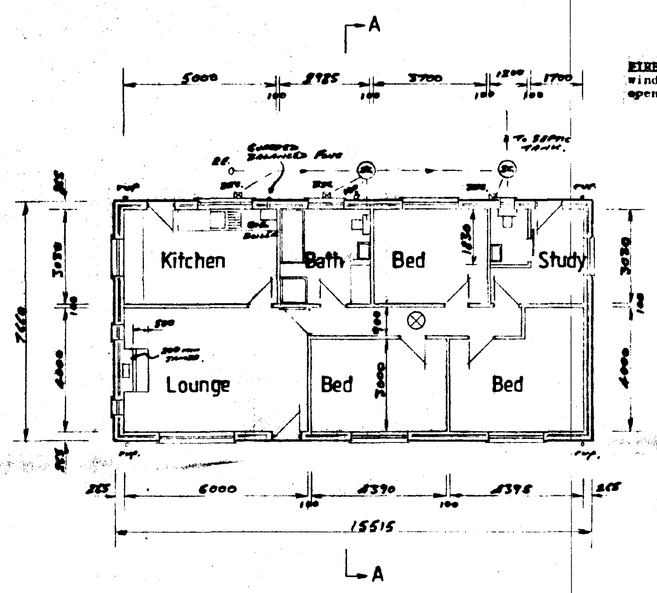
S.W. ELEV.

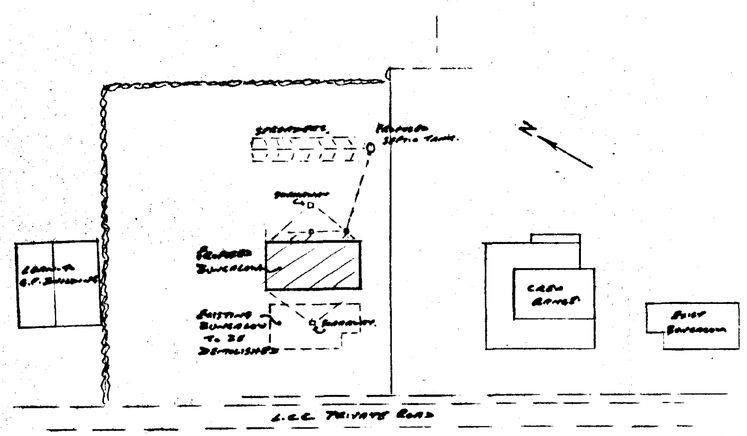


N.E. ELEV.



N.W. ELEV.





BLOCK PLAN 1 500

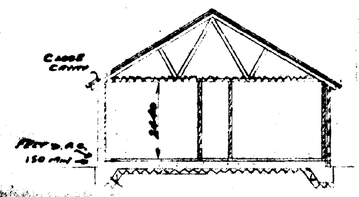
FIRE ESCAPE:- All Bedrooms :_____ to have opening window light 850min. high x 500min. wide, and bottom of opening to be 800min. & 1100max. from floor level.

ROOF:- Pitch 30 deg. Check on site before ordering trusses.
Use gang nail tanalised trusses by Jewson, @ 600crs. max. Designed manufactured & braced to B.S.5268 Part 3, 1985 Clad with REDLAND 50 - ANTIQUE RED concrete interlocking tiles on 25 x 38 tanalised battens & felt.50 x 100 wall plates.[Roof calcs. to be submitted to local authority for approval before work commences.]

Vent roof by 10 continuous gap built in at eaves, fit vermin guards.

LATERAL SUPPORTS :- 5 X 30 X 1000 Long galv. at 1800crs.where roof rafters & ceiling joists run parallel to external walls. Fix to min. three members with noggins between. Also fix vertically to wall and plate at min 1200crs.

Ceilings to be 12.5 plasterboard & skim. Plasterboard edges to be supported by noggins.



SECTION AA

Foundations :- See Structural Engineers Drawing No. 1514/1, structural calculations and bending schedule.

DRAINS:-Drains passing through foundations to be protected by concrete lintels over, leaving 50 space all round pipe, mask opening both sides with rigid sheet material. Main run to have 150 pea gravel surround. Fit balloon type guard to open end of V.P.

FLOOR:- Lay 50 Jablite on oversite, overlay with 18mm flooring grade chipboard {treated }.

WALL TIES :- Stainless Steel. To every block course alongside all openings.

INTERNAL WALLS:- 100 Blockwork, to comply with Build. Reg.Approved Doc.E.

INSULATED D.P.C. :- To all external openings to 1.2W/mK. Use THERMABATI preformed cavity closers or similar.

INSULATED LINTELS. :- Ensure cavity insulation is brought down to, and on to lintel. Also that lintel has insulation through middle of it.Provide all external lintels with a flexible D.P.C. to BS5628 which should extend to the edge of the front toe and at least 100mm beyond ends of lintel.

DRAUGHT STRIPPING. :- All Window opening lights and door frames to have draught stripping fitted. Loft hatch also to have sealing around.

VENTILATION :-All habitable rooms to have a 8000mm secure and controllable trickle ventilator fitted.Kitchen/Diner to have 8000mm secure & controllable trickle ventilator fitted plus cookerhood extract fan removing 30 litres per sec.Batbroom to have 4000mm. secure & controllable trickle ventilator plus mech. vent extracting 15 litres per sec., also opening window light.All mech. vent may have intermittent operation.

S.A.-Self contained smoke alarm on own circuit at distribution board. Interlocked.

GLAZING :- To comply with approved document N & BS 6206. i.e. Safety glass to all window areas below 800 from floor level, and to all door and side panel areas below 1500 from floor level.

METRES 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
FEET 0 3 6 9 12 15 18 21 24 27 30 33 36 39 42 45 48 51 54 57
METRIC CONVERSION SCALE

SPECIFICATION

BUILDING STRUCTURE

SURFACE SOIL excavated and spread over site.
CONCRETE FOUNDATIONS: SEE ENGINEERS DETAILS +300.x1.5 150x11

HARDCORE 150mm thick under all ground floors.
~~BASE CONCRETE 100mm thick under all ground floors.~~
POLYTHENE D.P.C. to all ground floor rooms. 1200g.
~~CONCRETE FLOORS trowelled smooth to all garages and out buildings.~~
~~CONCRETE SCREED to all rooms.~~
BRICKWORK. 100 Bath. Blue Staffordshire Bricks. 65 Cavity with 65 Baltimore Buff. 100 Hemelite Type U1 Blocks.
GALVANIZED WALL TIES 5 per square metre to cavity walls. Stainless Steel.
BITUMEN OR P.V.C. DAMPCOURSE to all walls and lintels openings and reveals.
MORTAR wallcrete and sand.
RENDER AND PLASTER SKIM to all rooms ~~except garage~~.
DRAINS 100mm dia. Poly Drain. 1:40 Inverts.
SURFACE WATER DRAINS: 100 ø PVC.
INSPECTION CHAMBERS or RODDING POINTS to Local Authorities requirements.
SEPTIC TANK Fibre Glass Bottle Type. To suit 4 No Bed Room
~~FIRST FLOOR JOISTS:~~
~~FIRST FLOOR 18mm flooring grade chipboard tested.~~
ROOF TIMBERS: } SEE NOTES.
ROOF COVERING: }
ROOF INSULATION 200mm fibre glass laid between ceiling joists.
CEILINGS 12.5 mm plasterboard and skim
RAINWATER: 4" PVC Round Fillers Soundvents 5.0m Run Any Diameter
GUTTER 100mm Dia H.R.
RAINWATER, SOIL & VENT PIPES 63, 75 AND 100mm plastic.
PLUMBING service and waste pipes plastic. Internal pipework, copper. Cylinder copper. Feed or storage tanks plastic.
WINDOWS UPVC. Framed, Double Glazed Units 24mm OG
DOORS. Exterior pattern Panels & Glass County 6PG
Interior pattern. Cooper Hin 35mm.

Front door 838mm wide remainder 762mm wide.
GARAGE DOOR as shown on drawing.
EXTERIOR SILLS:
INTERIOR SILLS: Tiles to bathroom, kitchen and toilet
Wood window boards to all other rooms.
ARCHITRAVES & SKIRTING
LOCKS mortice type to exterior doors.
LATCHES mortice type to interior doors.
LEVER HANDLES to all doors.
LETTER PLATE to front door.
VENTILATION: Window openings to have 8000 sq mm Trickle Vents to Habitable Rooms.
LINTELS: 1-6. Type A/150 Double Lintels, 2-6. Type A/90 2½ Course
MILD STEEL ANCHOR STRAPS: Every Vert Joint @ 900 c/c Max @ Top of Lintels.

SEE NOTES.

FITTINGS AND FINISHES

SANITARY FITTINGS:
SHOWER:
BATH:
LAVATORY BASIN:
W.C.'s:
SINK:

Fit 75 deep seal traps to all appliances.
Fit 40 dia. waste to Sink.
Fit 32 dia. waste to basin with under 1.7m. run.
" 40 " " " " " 1.7m. to 3.0m. run.
Fit rodding eyes to all pipework at any change of direction in drain run.

CENTRAL HEATING:-Wall mounted oil fired combination boiler with guarded balanced flue.

Provide room thermostat, fit thermostatic control valves & programmer.

Hot water storage vessel to be vented to atmosphere, to be insulated with 50mm PU-foam, density30kg/m, & fitted with heatcontrol thermostats & time switches.All hot water pipes from cylinder to be lagged for min 1m. with 15mm thick material having thermal conduction of 0.045W/mK.All other pipes in unheated spaces to be lagged with same material with thickness equal to o/dia. of pipe to max. of 40mm.

CHIMNEY :- Use 225 min. dia. socketed clay flue liners to B.S.1181, fit with sockets uppermost.Provide permanent vent to lounge of 50% throat dia. of appliance.

DETAILED PLAN

SOUTH HOLLAND DC HOUSE PLANNING
04 SEP 1996
Ref: S96/96

21/8/96

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK

SCALE 1-100
DATE Aug /96.
REVISED
DRAWING No.

PROPOSED BUNGALOW FOR:— LINCS. COUNTY COUNCIL.
AT:— 13, STOWGATE FARM, DEEPING St. JAMES.

J.P. PURKISS
CHERRYTREES, FRAMPTON LANE
HUBBERTS BRIDGE
PHONE: 01205 290307

S.D.O. 4010/94