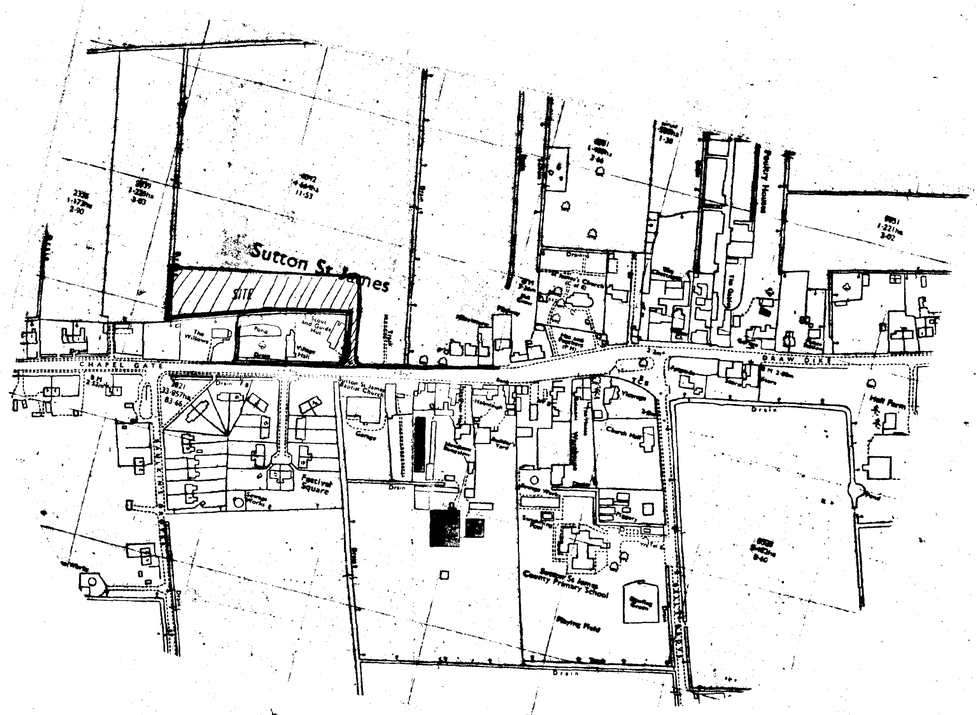
SEPTIC TANK
Connect foul water drains to 'Klargester' type septic tank of required rating (see Manufacturer's specification) constructed in accordance with local authority requirements. The sub-irrigational drainage system to the septic tank is to be determined by percolation test in accord with the provisions of Clause 14.3.2 of British Standard 6297:1983. The applicant is responsible for carrying out the tests and the results should be deposited with the application.

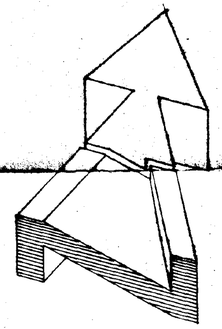
The council recommend that septic tanks, cesspools and settlement tanks be sited a minimum distance of 12 metres from dwellings. Applicants are further advised that during times of inclement weather the ground water level rises accordingly and it is essential that drainage falls to the septic tank are kept to the minimum, say 1 in 70, and the tank, particularly the bottle type is modified by cutting to ensure that both inlet and outlet are maintained above ground water level. Applicants are reminded that the consent of the National Rivers Authority must be sought under the provisions of Schedule 12 of the Water Act, 1989, for permission to discharge sewage effluent into the land. National Rivers Authority do not permit septic tank soakaway systems to be sited within 10 metres of any ditch, pond or watercoarse or within 50 metres of any well or borehole.

SHOULD THE RESULTS OF THE PERCOLATION TEST PROVE TO BE UNSATISFACTORY FOR SEPTIC TANK DRAINAGE DUE TO IMPERVIOUS SOIL CONDITIONS SUCH AS CLAY, THEN A CESSPOOL OF 18,000 LITRES (4,000 gallons) CAPACITY MUST BE USED.

SEPTIC TANK TO BE 1000 GALLON KLAPGESTER

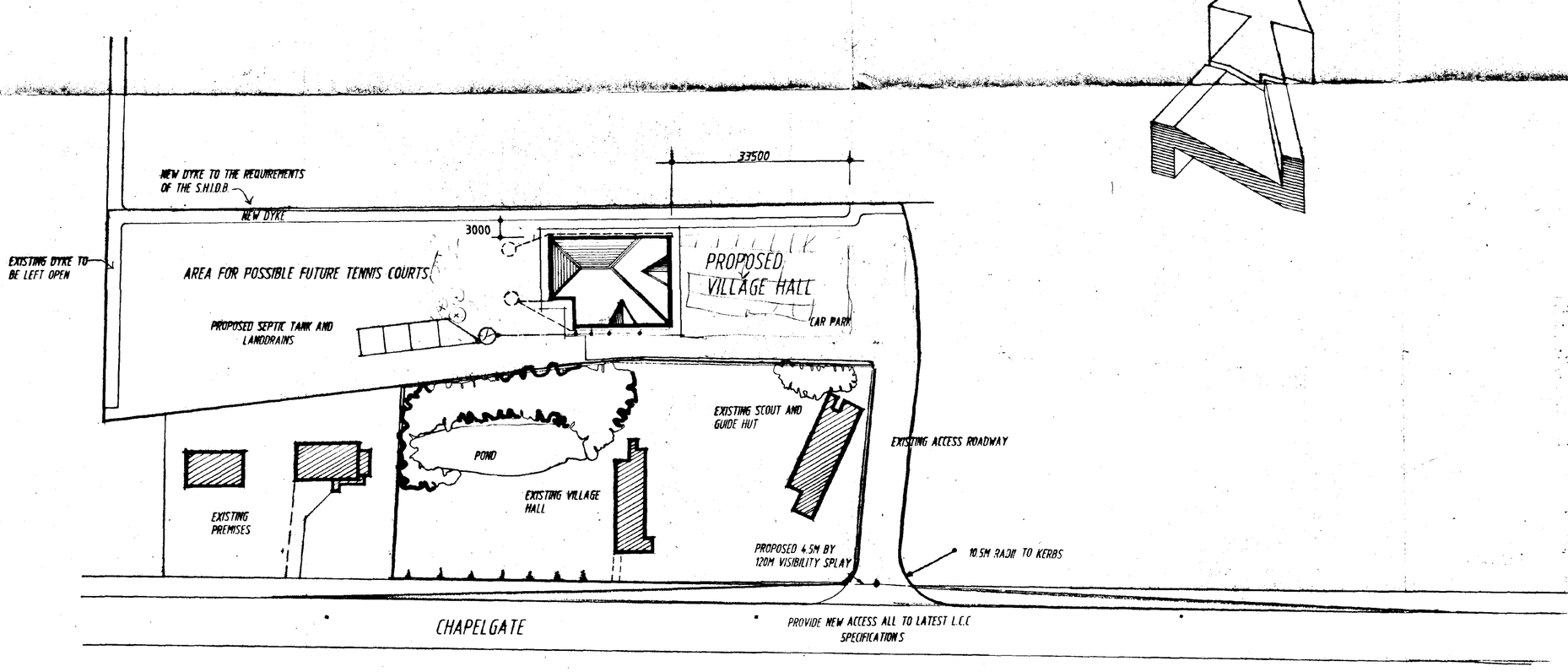
CAR PARK & ACCESS
75mm down 20mm washed gravel on 100mm well compacted hardcore. 50 x 150 concrete edging kerbs bedded and haunched in weak mix concrete.





EXTERNAL MATERIAL:
RED/BROWN FACING BRICKS
MARLEY MODERN GREY INT.
CONCRETE TILES WITH TERRACOTTA
RIDGES AND HIPS. BROWN UPVC
EXTERNAL WINDOWS. STAINED
EXTERNAL JOINERY AND DOORS.

FOUL WATER TO SEPTIC TANK
SURFACE WATER TO SOAKAWAYS.



SOUTH HOLLAND D.C.
PLAN DEPT
06 OCT 1994
REF ...

DETERMINED PLAN

DESIGN Status CONSTRUCTION

SITE PLAN

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES for

SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

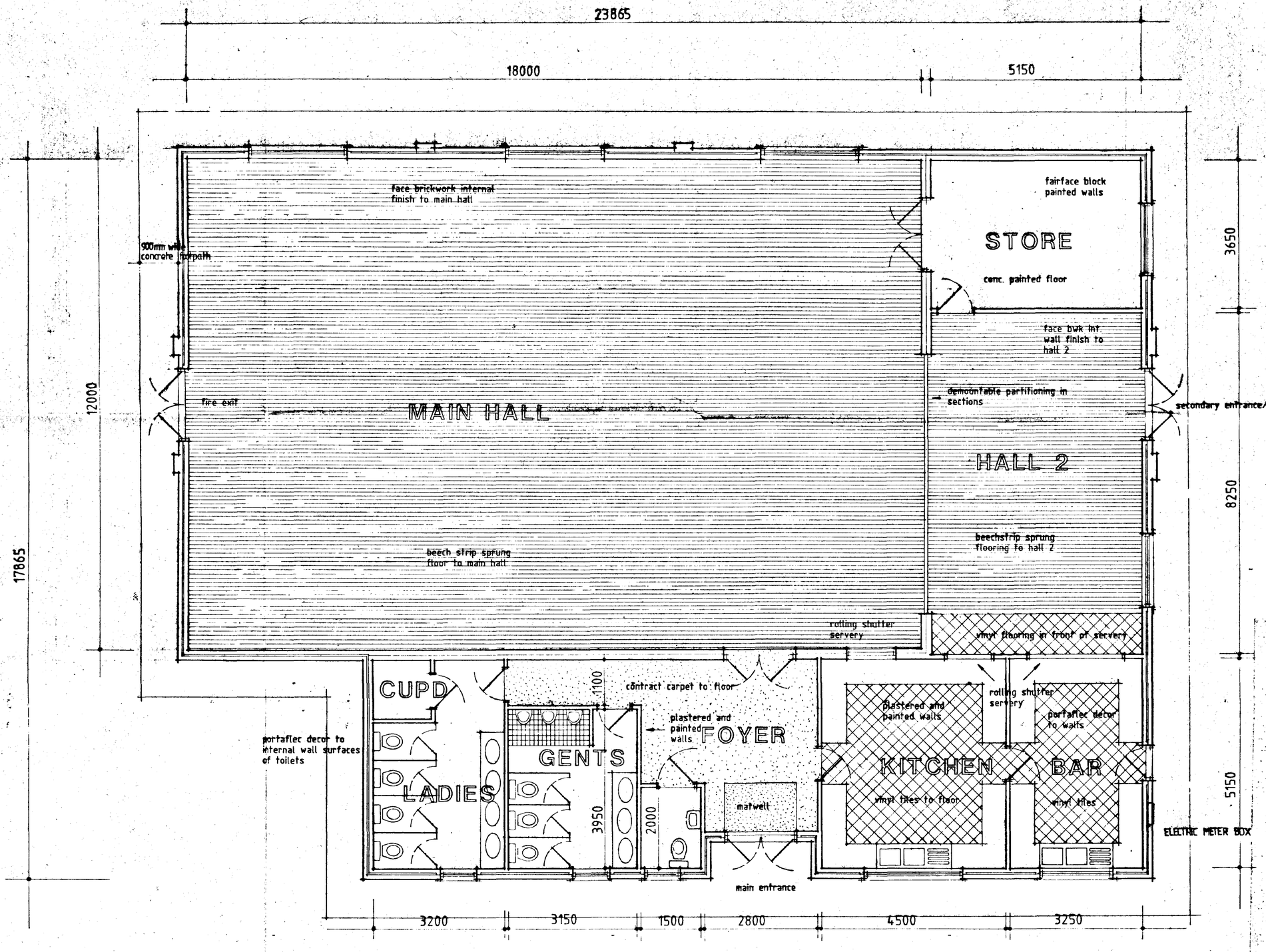
Status- 1:500 1:2500
Date- Sep 94
Drawn- TC
Drg. no.-
SC038/8A

A - UPDATED FOR BE - OCT 94.

Status House, 4 Princes Street, Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 490702

SITE PLAN

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS NO'D: SC038/6 and SC038/7 and SC038/9
+ DEESIGNS CALCULATION SHEETS 033 1 & 2



SOUTH HOLLAND D.C.
PLAN DEPT.
21 SEP 1994
REF 0901/94

DETERMINED PLAN

DESIGN Status CONSTRUCTION

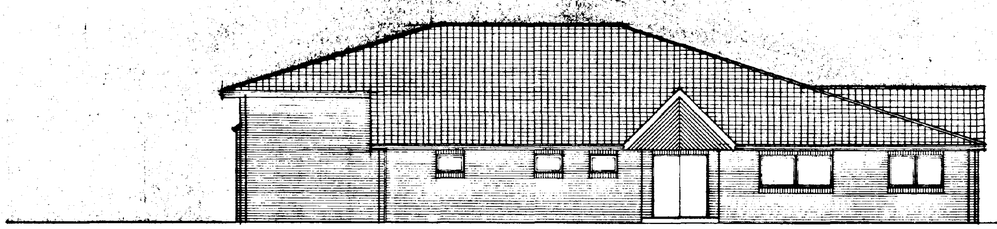
PLAN

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES

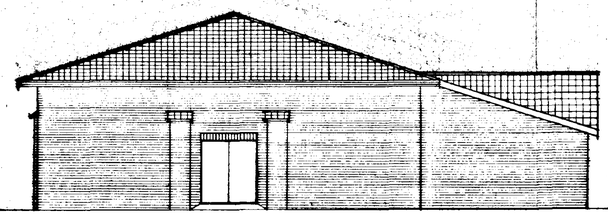
SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

Scales- 1:50
Date- Sep 94
Drawn- jpw
Drg. no.- SC038/7
u- edits -sep 94

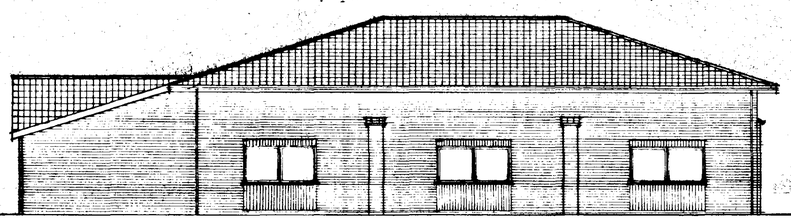
Status House, 4 Princes Street, Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 [illegible]



SIDE ELEVATION



REAR ELEVATION



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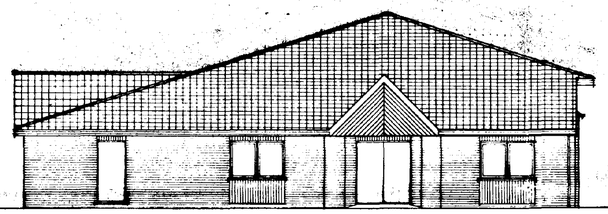
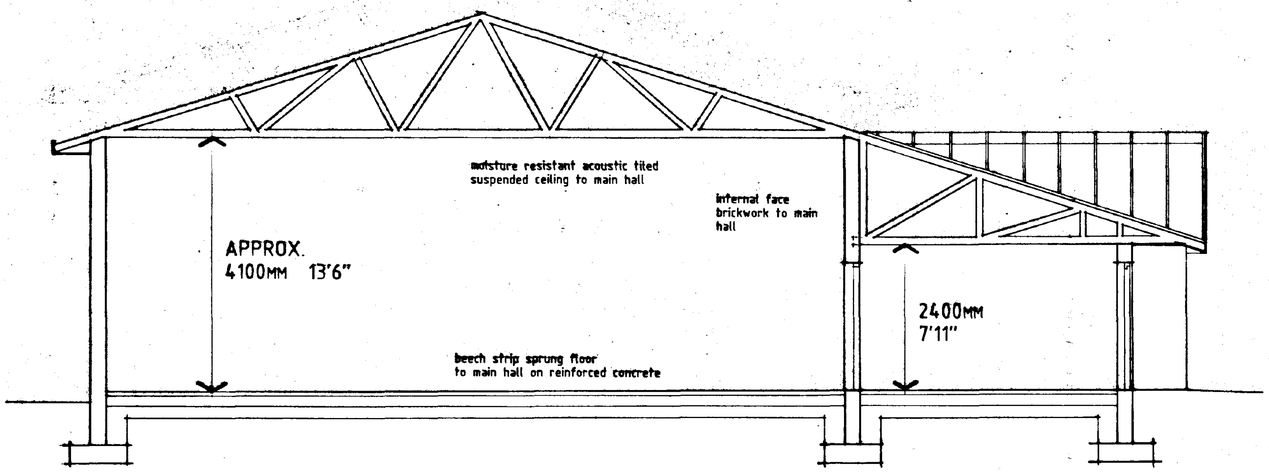


FRONT ELEVATION



SECTION

SOUTH H... D.C.
PL... T.
21 SEP 1994
REF ...0901/94

DESIGN Status CONSTRUCTION

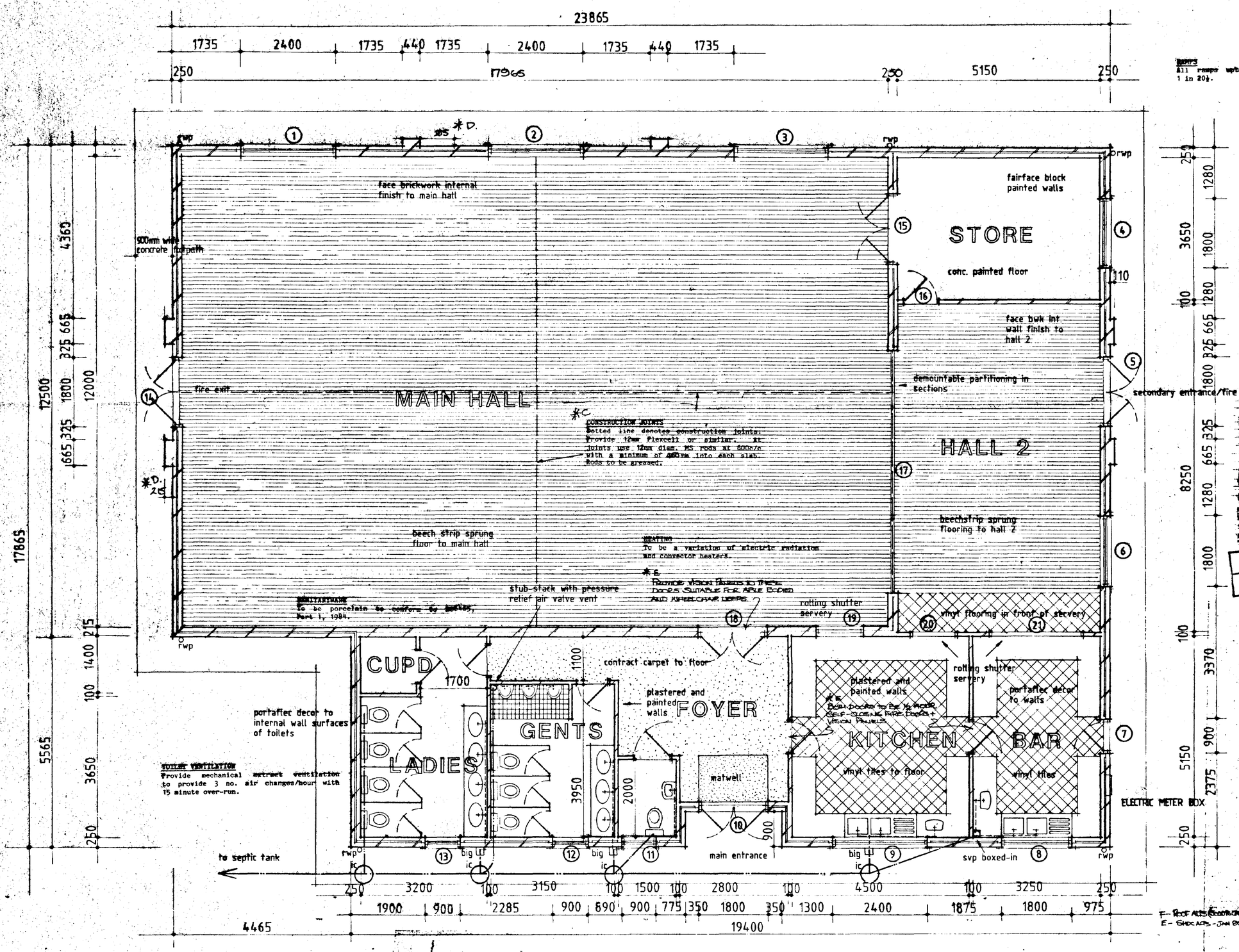
SECTION AND ELEVATIONS DETERMINED PLAN

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES

SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

Scales- 1:50 1:100
Date- Sep 94
Drawn- jpw
Drg. no.- SC038/6

Status House, 4 Princes Street,
Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 490702



RAMPS
All ramps upto Entrances/Exits to be 1 in 20½.

FIRE ALARMS & EQUIPMENT
Provide break-glass adjacent the double door Entrance/Fire Exits and 1 no. fire alarm sounder in Main Hall. Provide 1 No. 6 Litre AFF foam spray adjacent the above Entrance/Exits plus 1 no. 4.5 kg dry powder and 1 no. 1m² fire blanket in the Kitchen. All circulation spaces the surfaces to be Class 'O' fire rated.

*C

CONSTRUCTION JOINTS
Dotted line denotes construction joints. Provide 12mm Flexcell or similar. At joints use 12mm diam. MS rods at 600c/c with a minimum of 450mm into each slab. Rods to be greased.

*D. 25

HEATING
To be a variation of electric radiation and convector heaters.

*E
PROVIDE VISION PANELS TO THESE DOORS SUITABLE FOR ABLE BODIED AND WHEELCHAIR USERS.

SANITARYWARE
To be porcelain to conform to BS6465, Part 1, 1984.

TOILET VENTILATION
Provide mechanical extract ventilation to provide 3 no. air changes/hour with 15 minute over-run.

*C

GROUND FLOOR CONC. (TO HALLS)
BEECH STRIP SPRUNG FLOOR ON BATTENS BY SPECIALIST CONTRACTOR. ON 150mm THICK (25 NEWTON) CONCRETE WITH TWO LAYERS A193 MESH TOP & BOTTOM WITH 50mm COVER. ON 150mm MINIMUM 600mm MAXIMUM WELL CONSOLIDATED HARDCORE VIBRATORY TAMPED OR ROLLED EVERY 150 THICKNESS TO BE WELL BLINDED.
OTHER AREAS TO BE 50 SAND/CEMENT SCREED ON 125mm THICK (25 NEWTON) CONCRETE WITH ONE LAYER A142 MESH TO BOTTOM 50mm COVER. HARDCORE SAME AS ABOVE. BETWEEN OVERSITE CONCRETE AND HARDCORE PROVIDE 1200 GAUGE POLYTHENE DPM IN ALL CASES.

METER BOXES
Position gas and electricity meter boxes if required in external position to suit client. To be completely sealed around in non-combustible material. To be min. 550mm, max 1.0m above footpath to base.

AMENDED PLAN
Ref. A/1

SOUTH HOLLAND D.C.
PLAN DEPT
06 FEB 1995
REF. H90/0901/95

DESIGN Status CONSTRUCTION

PLAN

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES.

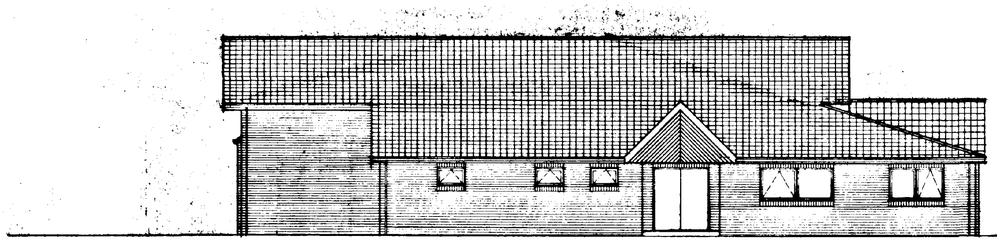
SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

Scales- 1:50
Date- Sep 94
Drawn- jpw
Drg. no.- SC038/7

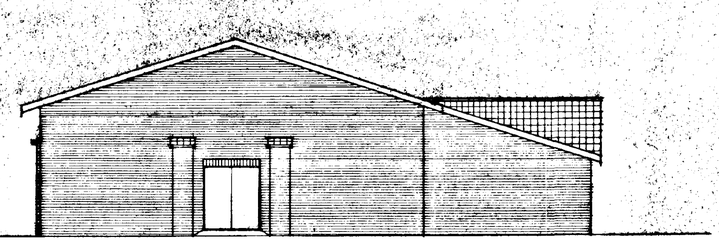
a- alts- sep 94
B- UPDATED FOR BS3-0019
C- — FOR CALCS - NOV 94
d- PIER ALTS - DEC 94

F- ROOF ALTS (SCOOTS CAVITY) - FEB 94
E- SHOC ALTS - JAN 95

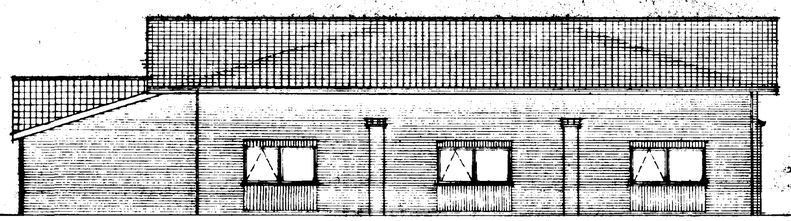
Status House, 4 Princes Street, Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 480702



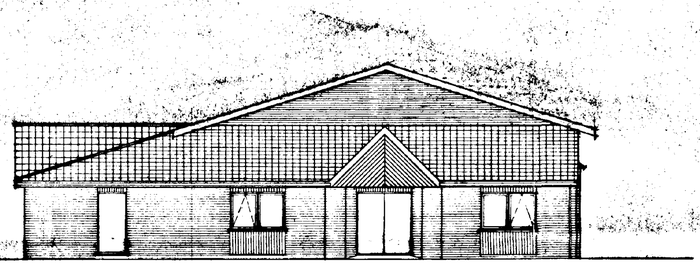
SIDE ELEVATION



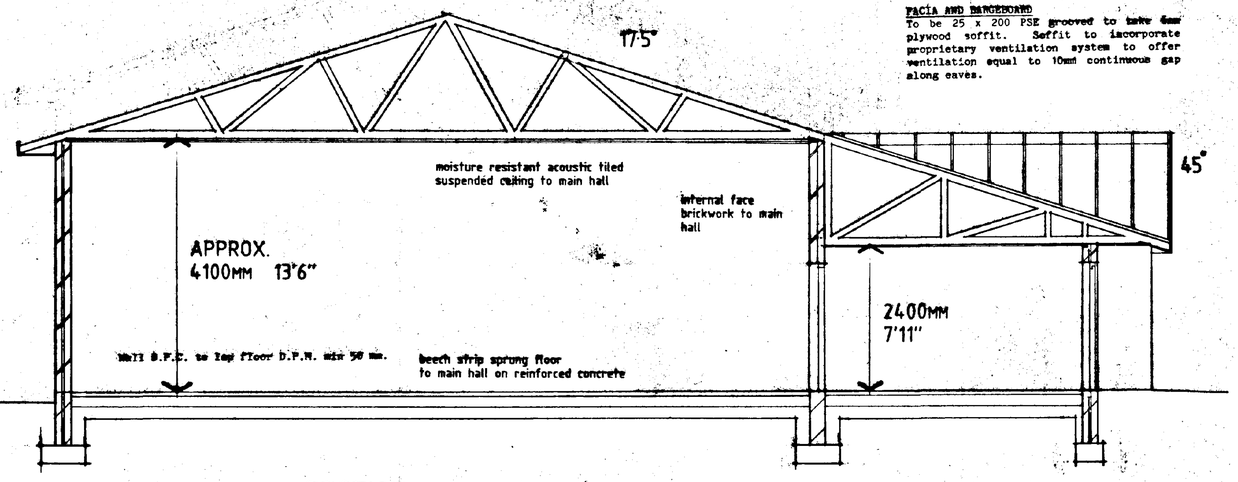
REAR ELEVATION



SIDE ELEVATION



FRONT ELEVATION



SECTION

HEADER TANK:
Header tank in roof space to be supported on bearers to spread the load to B.S. 5268 Part 3, 1985.

RAINWATER GOODS
PVC 150mm half round gutter and 110mm downpipe.

FACIA AND BARGEBOARD
To be 25 x 200 PSE grooved to take 6mm plywood soffit. Soffit to incorporate proprietary ventilation system to offer ventilation equal to 10mm continuous gap along eaves.

SUB-STRUCTURE WALLING:
100 Class A dense conc. blocks. Fit. felt d.p.c. to external walls 150 above ground level. Weak mix infill to base of cavities to terminate 225 below lowest d.p.c. level.

DESIGN Status CONSTRUCTION

AMENDED PLAN
Ref. A

SECTION AND ELEVATIONS

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES

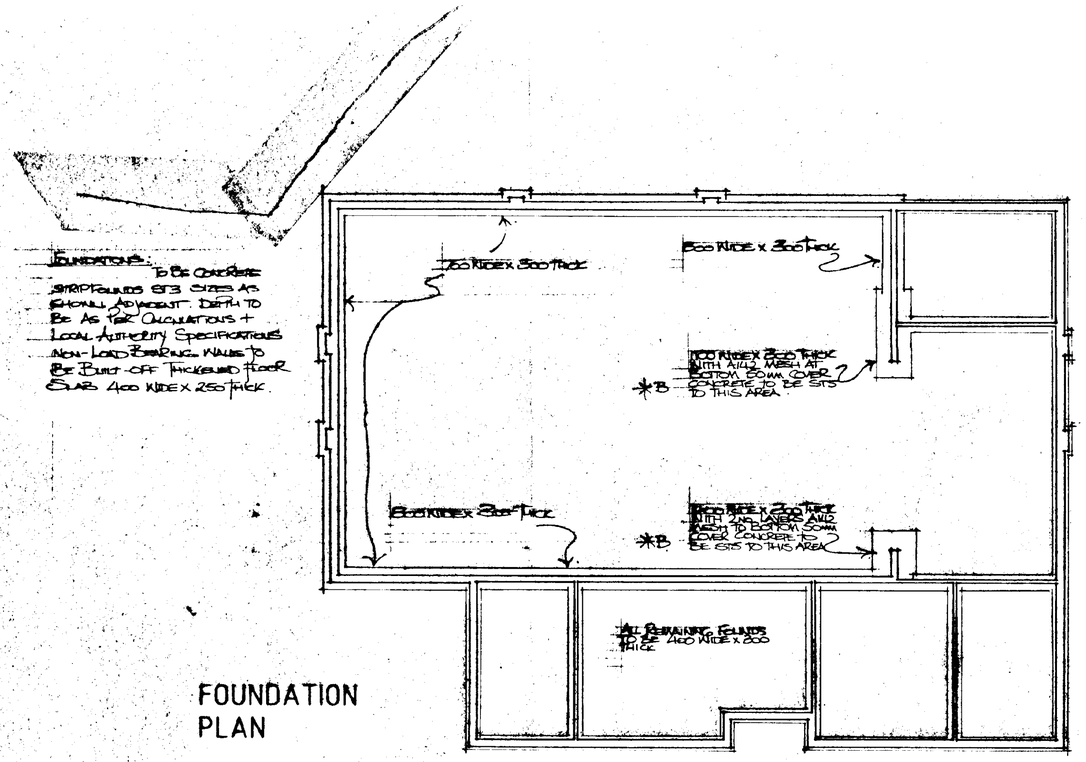
SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

SOUTH HOLLAND D.C. PLAN DEPT 06 FEB 1995 REF. H20/090/95

Scales- 1:50 1:100
Date- Sep 94
Drawn- jpw
Drg. no.- SC038/6 A

A - UPDATED FOR BRS - OCT 94
B - " - " - GALES - NOV 94
C - ROOF ADDS - FEB 95

Status House, 4 Princes Street,
Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 490702



FOUNDATION PLAN

WALLETS:
Use fibreglass valleys or provide 8IB lead to valleys to make completely watertight.

FOOTPATHS:
Provde wide Footpaths around buildings as shown and to fall 25mm away. Constructed of 75mm conc. on 100mm compacted hardcore.

PROTECTION TO FOUL AND SURFACE WATER FLEXIBLE PIPES:
Where flexible pipes are not under a road and have less than 0.6m cover, conc. 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 than 0.9m cover, reinforced conc. bridging should be used instead of paving slabs.

INSPECTION CHAMBER CONSTRUCTION.
'Supersleve' polypropylene inspection chambers bedded on 150mm conc. Form protective 225mm thick conc. collar around head of I.C. with 300mm projection from cover. Covers to be Grade C - light duty circular covers unless I.C.'s are in driveways where Grade B - medium duty covers are to be used.

FOUL WATER DRAINAGE:
Foul water drains to be 100 ø PVC pipes 'Supersleve' flexible jointed to fall 1:70 bedded in 50 pea gravel. Under buildings drains to be encased in 150 pea gravel with lintel over pipes at wall abutments.
NOTE: Surround pipes at wall abutments with 50 compressible material
100 ø soil and vent pipe to extend 900mm above window head and to terminate in balloon finial.
S & V pipe to be fitted with access plate at base. 40mm int. ø PVC waste pipes from all appliances complete with 75mm deep sealed traps and rodding eye access points at every direction change.
All above ground drainage to B.S. 5572. All underground drainage to B.S. 8301
NOTE: Waste pipe from bath to be 50mm ø

SURFACE WATER DRAINAGE
100mm ø PVC pipes 'Supersleve' flexible jointed to fall 1:70 bedded in 50 pea gravel. Pipes to discharge into 1.200mm ø soakaways , sited 5.00m from buildings

KITCHEN VENTILATION:
Provide Radia 220 by Silavent Ltd. or similar by approved manufacturer to extract ventilation of 220 cu.m./hr. (approx 61.5 l/sec).
Alternative method - provide suitable cooker hoods by Silavent Ltd or similar by approved manufacturer to extract ventilation of at least 30 l/sec.
Both systems to offer intermittent operation
See plan for ducting to outside air.

HOT WATER STORAGE
Provide system approved by British Board of Agrement and install by B.B.A. approved installer. System to be vented and insulated in accordance with B.S. 5615 1985. Provide thermostatic control.

ROOF INSULATION
Provide 150mm of Gyplas 1000 by Gyproc Insulation Ltd.

INSULATED PIPES AND DUCTS
All pipes which do not contribute to the heating of the building will be insulated to BS5422:1977.

JOINERY & LINTEL SCHEDULE

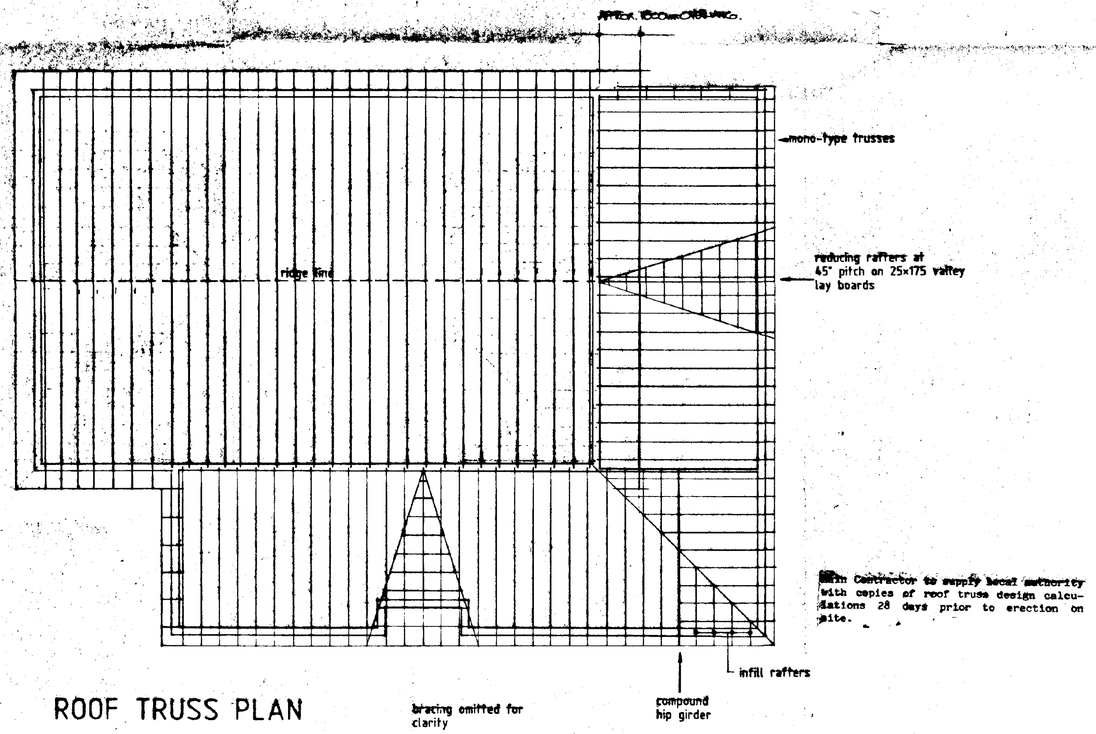
No	reference	lintel	length
1	window 2400w 1200h	L1/HD	2700
2	—"— —"— —"—	—"—	—"—
3	—"— —"— —"—	—"—	—"—
4	window 1800w 1200h	L1/S	2100
5	double doors 1800w 2100h	—"—	—"—
6	window 1800w 1200h	—"—	—"—
7	door 900w 2100h	—"—	1200
8	window 1800w 1050h	—"—	2100
9	window 2400w 1050h	—"—	2700
10	double doors 1800w 2100h	—"—	2100
11	window 900w 600h	—"—	1200
12	—"— —"— —"—	—"—	—"—
13	—"— —"— —"—	—"—	—"—
14	double doors 1800w 2100h	—"—	2100
15	double door opening	200 box	—"—
16	single door opening	L10	1200
17	partition opening 6200 w	see engineers calcs	
18	double door opening	200 box	2100
19	roller shutter 1200w 1200h	—"—	1500
20	—"— —"— —"— —"—	L11	—"—
21	roller shutter 2400w 1200h	—"—	2700

WINDOWS
To be uPVC double glazed sealed units, style and opening vents as shown on elevations.

HABITABLE ROOMS AND KITCHENS - BACKGROUND VENTILATION:
Provide window manufacturers suitable head (trickle) ventilators giving a total opening area of not less than 4000 sq. mm.

LINTELS
To be by I.G. Lintels Ltd and installed in strict accordance with manufacturers instructions with min. 150 end brg.
To all jambs and closed cavities provide bit. felt d.p.c. both horizontally and vertically.

SAFETY GLASS.
Provide safety glass to BS 6206 to all windows to a min. height of 800mm above floor level plus doors to a min. height of 1500mm above floor level
Note: Sidescreens same as doors if within 300mm of door.



ROOF TRUSS PLAN

bracing omitted for clarity

Main Contractor to supply local authority with copies of roof truss design calculations 28 days prior to erection on site.

ROOF CONSTRUCTION:
Conc. interlocking roof tiles (see site plan) on 38 x 25 s/w treated timber battens on underfelt to B.S. 747 (type 1F) lapped 150mm horizontally and 100mm vertically. Twinaplate fink type trusses @ 600 c/c @ 17½ pitch in accordance with B.S. 5268 part 3 1985.
Provide bracing comprising:
25 x 100 longitudinal bracing, 25 x 100 bracing on internal members, 2 no. 25 x 100 30° splay ceiling binder bracing and 25 x 100 diagonal roof bracing. Provide 50 x 100 wallplate. All trusses and gable ladders (if any) to be strapped to wallplate, the gable wall at verges and ceiling level with 30 x 5 m.s. anchor & lateral restraint straps at a max. of 1.200m c/c. At lateral strap positions provide pack and 38 x 50 noggins to trusses.

ROOF VENTILATION:
To roof soffits use 'Home Joinery' soffit ventilation boards. Soffit boards to give ventilation of equivalent to a 10mm continuous strip.

WALLING:

250 cavity walls to consist of:
100 face bwk (see site plan for details)
50 cavity, filled with Ecomax dry cavity wall insulation, all work carried out in accordance with Agrement Board Cert. No. 88/2031, or sim. approved.
100 internal skin of 'Lytag' solid insulation blockwork.
Cavity walls tied together using galvanized iron or plastic twist ties spaced 900 horizontally and 450 vertically to comply with B.S. 1243, 1978.
Ground floor internal walls to be 100 solid insulation blockwork.
All internal walls to receive 10mm sand/cement render + skim finish.

DESIGN Status CONSTRUCTION

~~ASSEMBLED PLAN~~
Ref. A, PLANS

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES

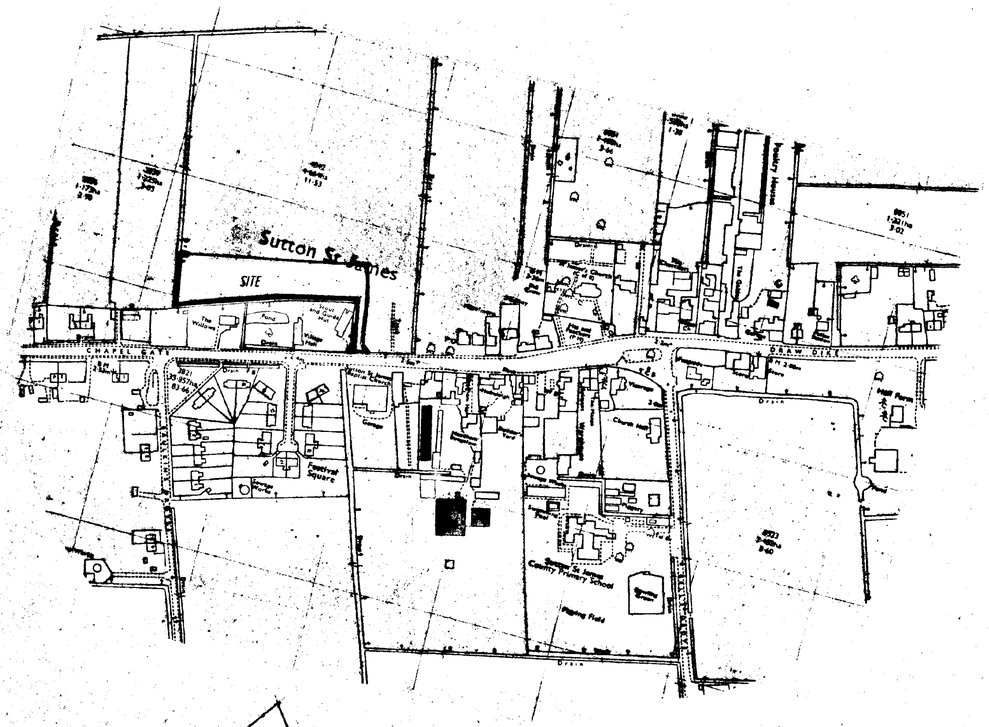
SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

SOUTH F... D.C.
PLAN DEPT
06 FEB 1995
REF. H90/0901/95.

Scales- 1:100
Date- Oct 94
Drawn- jpw
Drg. no.- SC038/9

A- Alts for Calcs - Nov 94
B- Shop Alts - Dec 94
C- Roof Alts - Feb 95

Status House, 4 Princes Street, Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 490702



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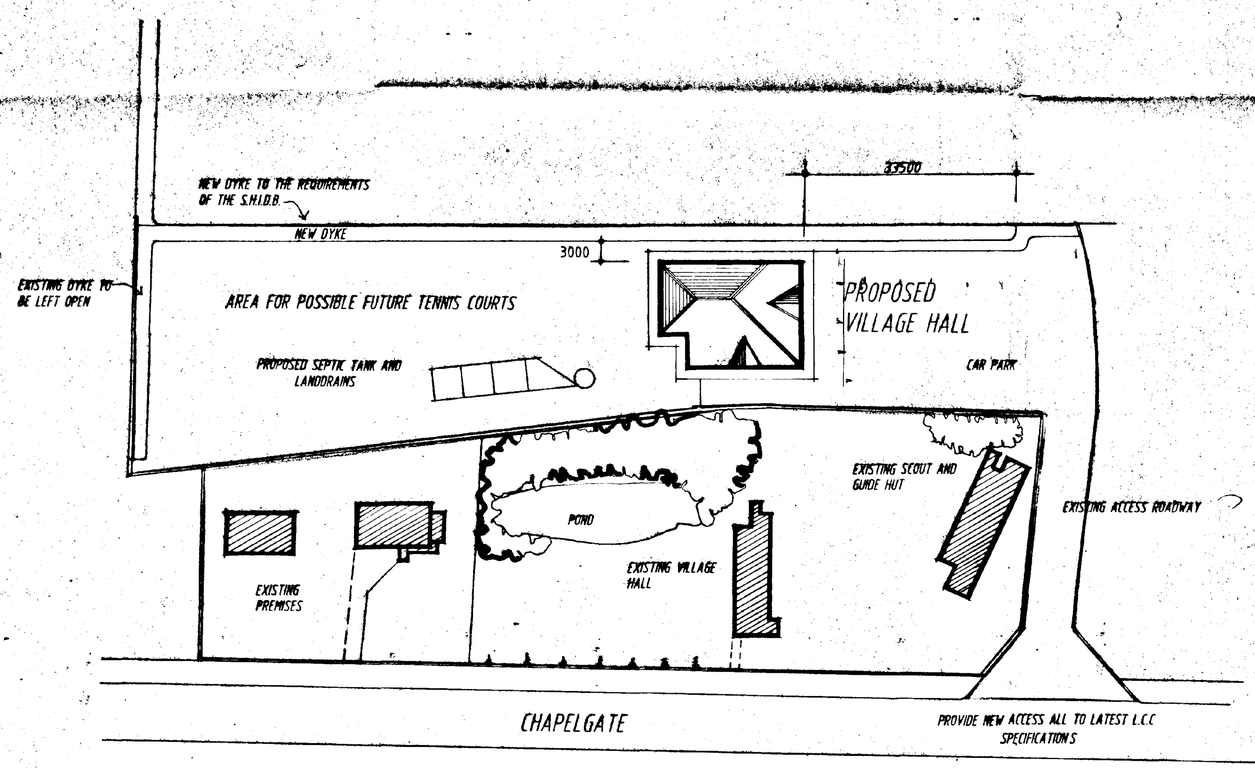
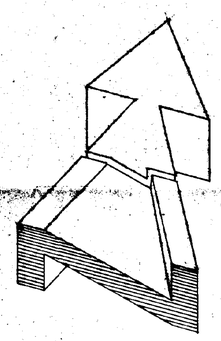
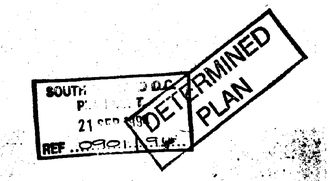
RED/BROWN FACING BRICKS
MARLEY MODERN GREY INT.
CONCRETE TILES WITH TERRACOTTA
RIDGES AND HIPS. BROWN UPVC
EXTERNAL WINDOWS. STAINED
EXTERNAL JOINERY AND DOORS.

FOUL WATER TO SEPTIC TANK
SURFACE WATER TO SOAKAWAYS.







DESIGN Status CONSTRUCTION

SITE PLAN

PROPOSED NEW VILLAGE HALL AT SUTTON ST. JAMES for

SUTTON ST. JAMES VILLAGE HALL MANAGEMENT COMMITTEE

Scale- 1:500 1:2500
Date- Sep 94
Drawn- TC
Dwg no-
SC038/8

Status House, 4 Princes Street, Holbeach, Lincs. PE12 7BB
Tel: 01406 424343 Fax: 01406 490702

SITE PLAN

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS NO'D. SC038/6 and SC038/7