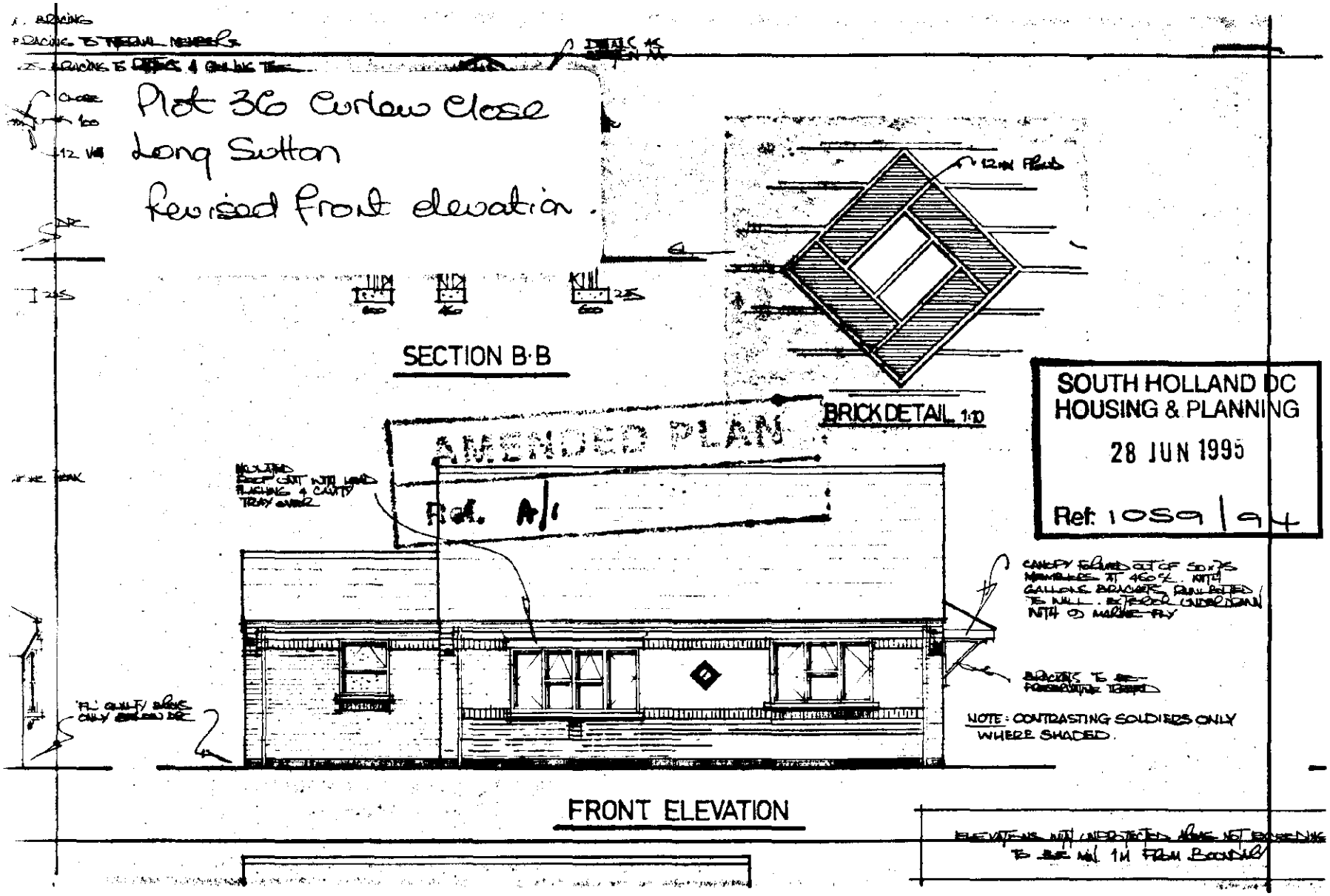
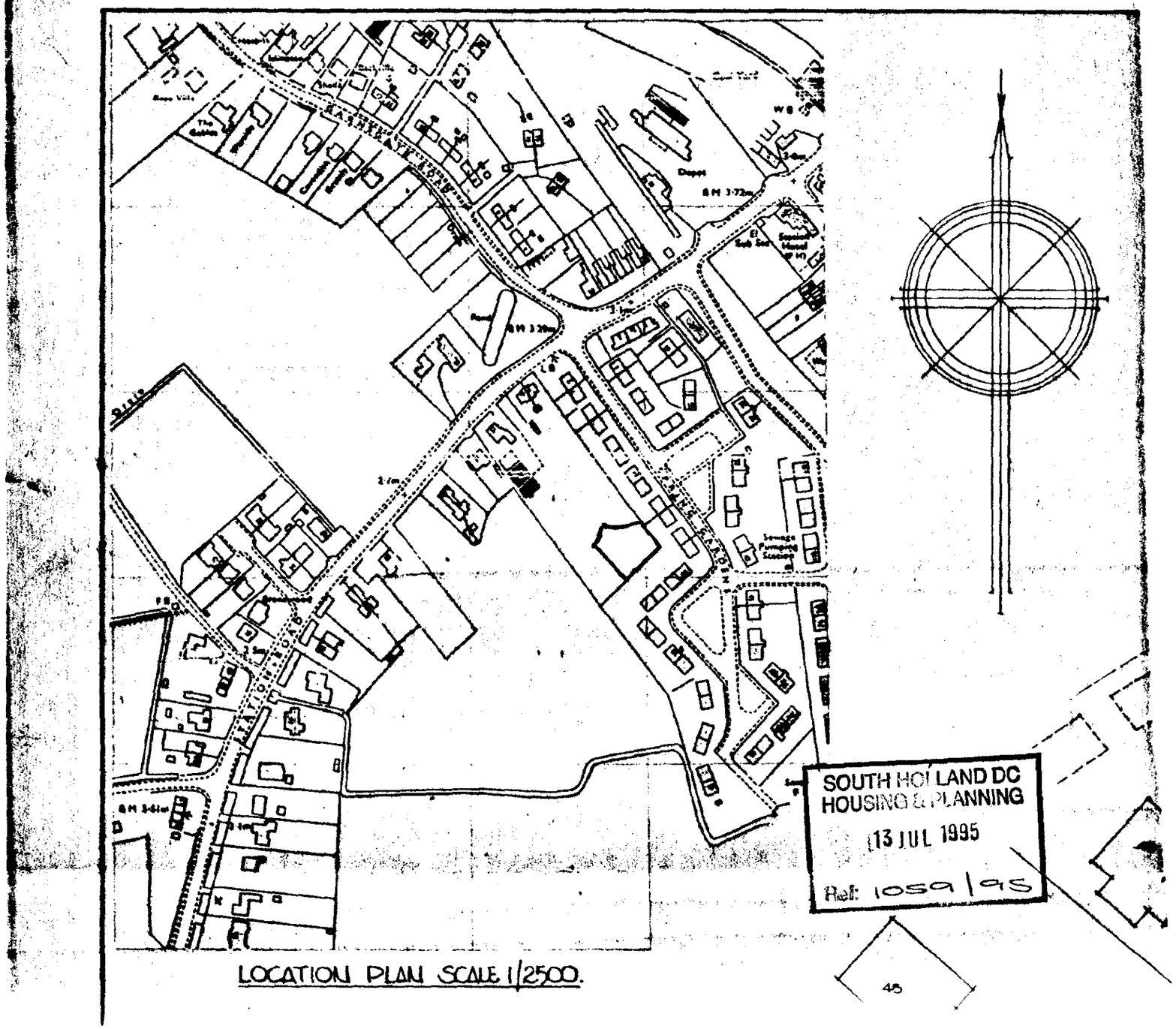
Plot 36 Curlew Close
Long Sutton
Revised front elevation.

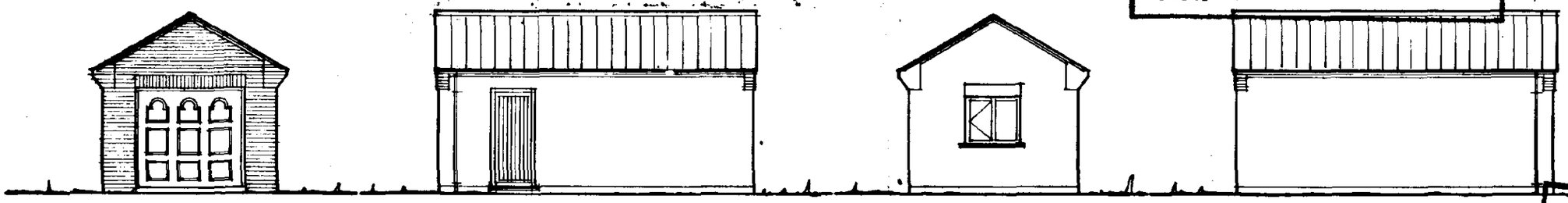


SOUTH HOLLAND DC
HOUSING & PLANNING
28 JUN 1995
Ref: 1059/94



LOCATION PLAN SCALE 1/2500.

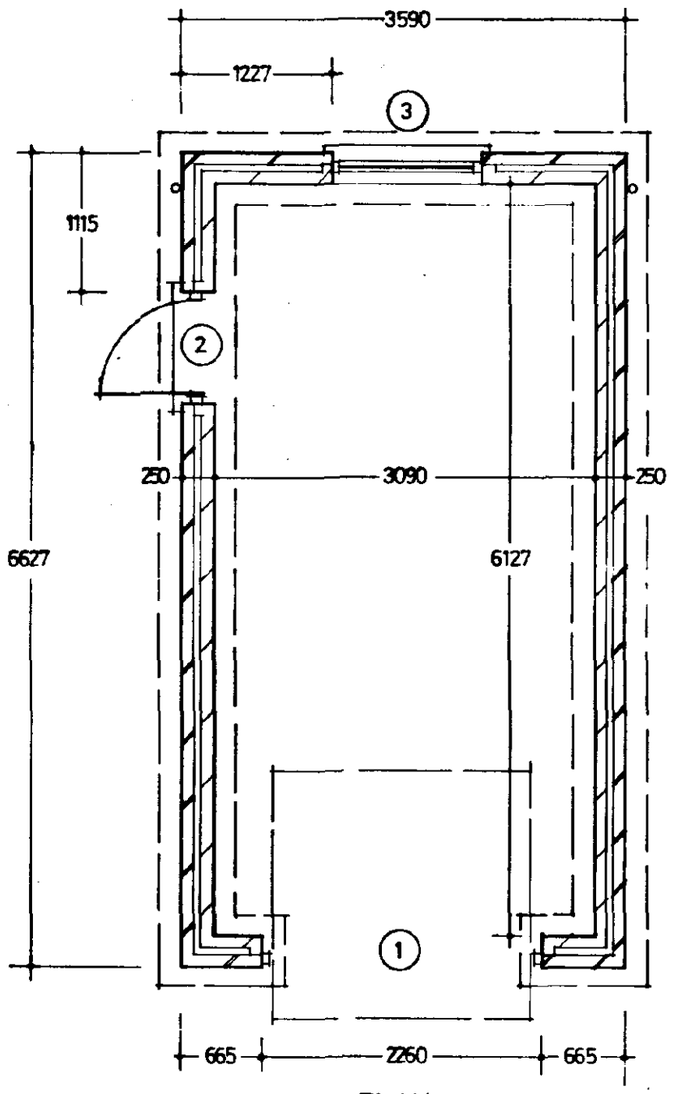
AMENDED PLAN
Ref. A2



FRONT SIDE REAR SIDE

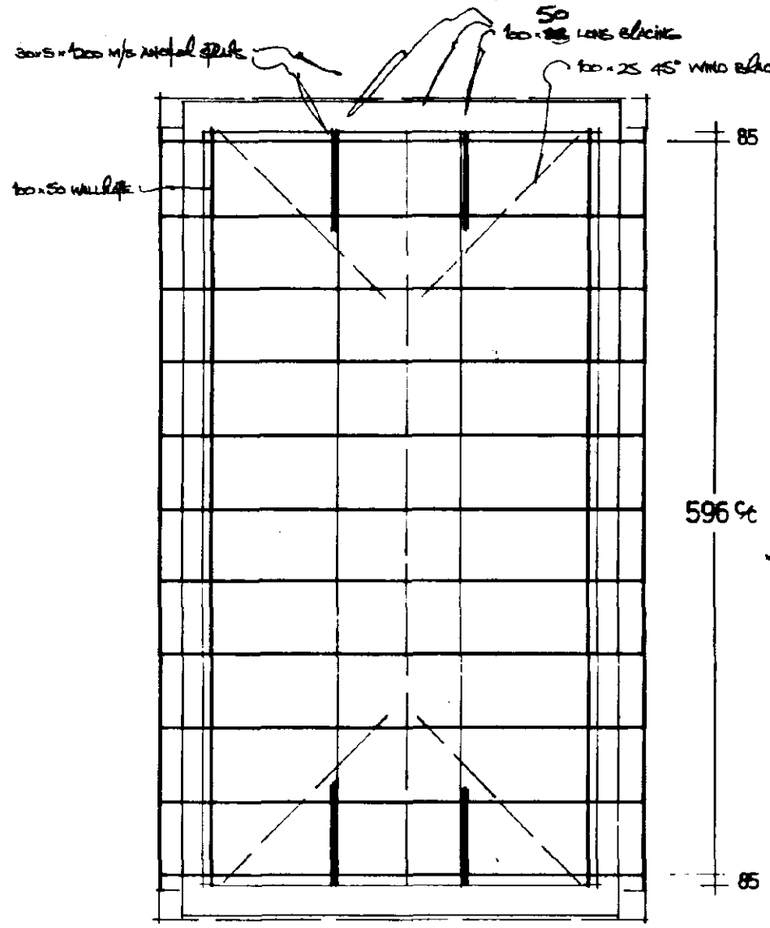
ELEVATIONS

HOUSING & PLANNING
13 JUL 1995
Ref: 1059/95



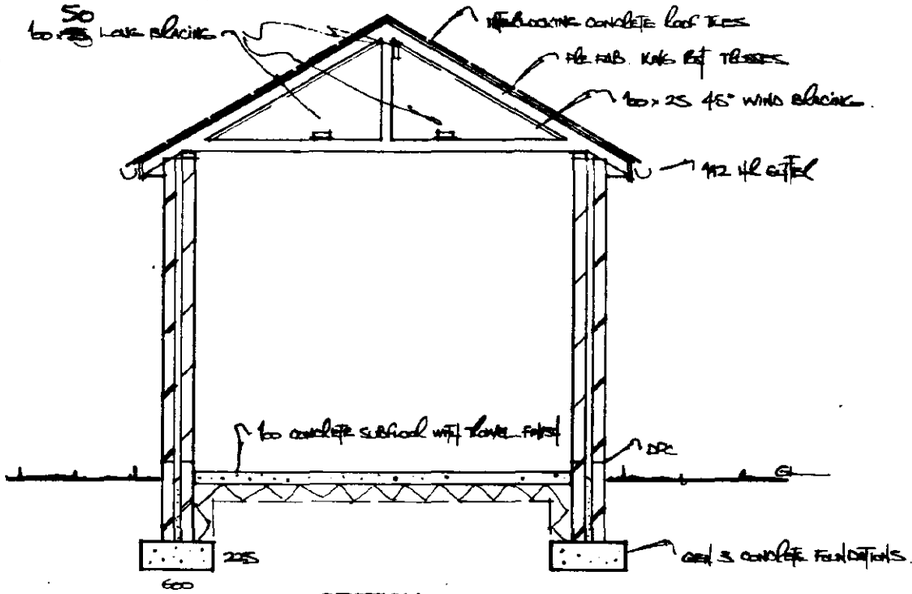
PLAN

NO.	JOINERY	LINTEL	LENGTH
1	OF 7070 NS	UL 2	2·700
2	FNS	"	1·200
3	2100 cc (CAT)	"	1·500



ROOF PLAN

CONSTRUCTED TO BS.5268, PART 3, 1985.



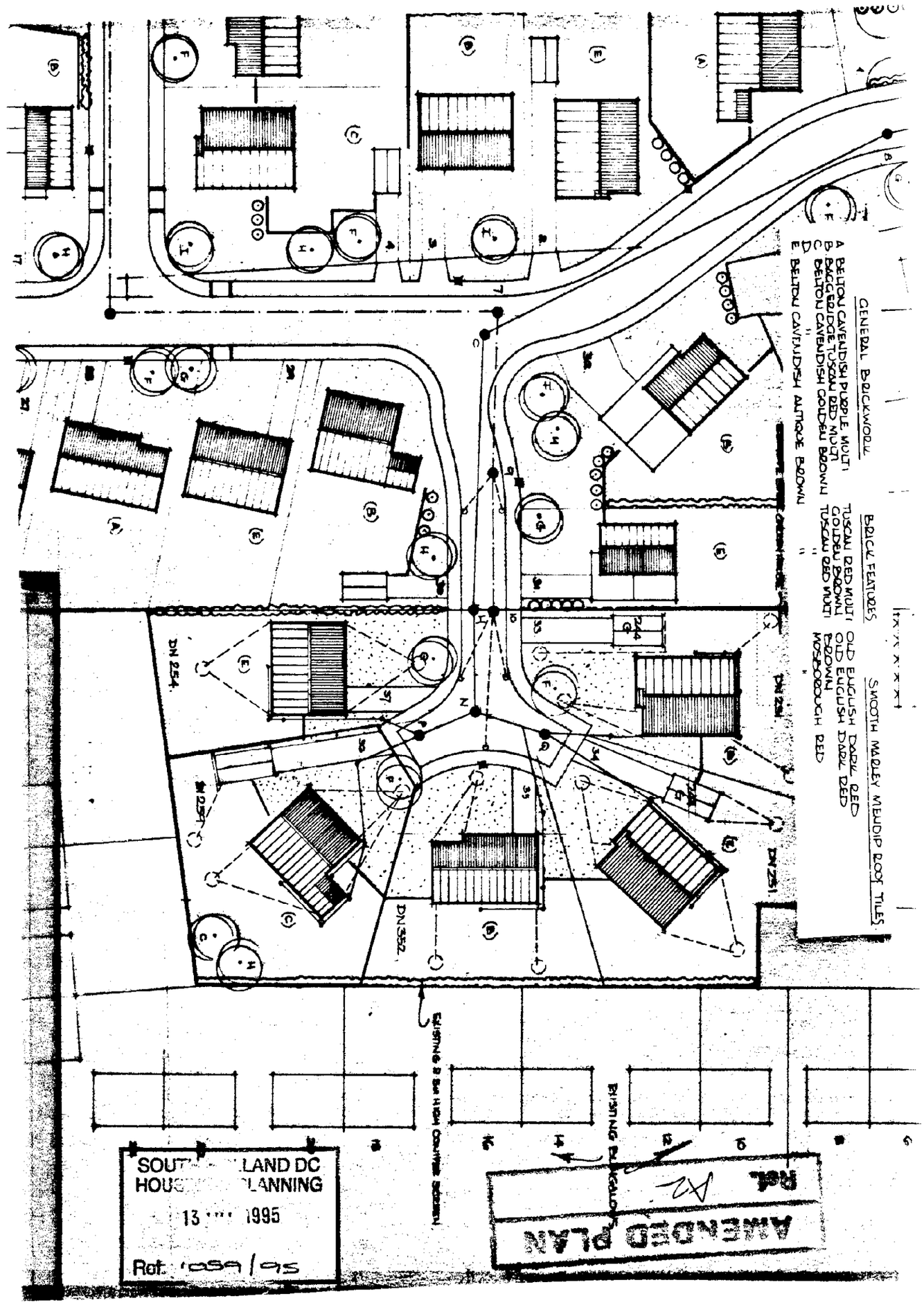
SECTION

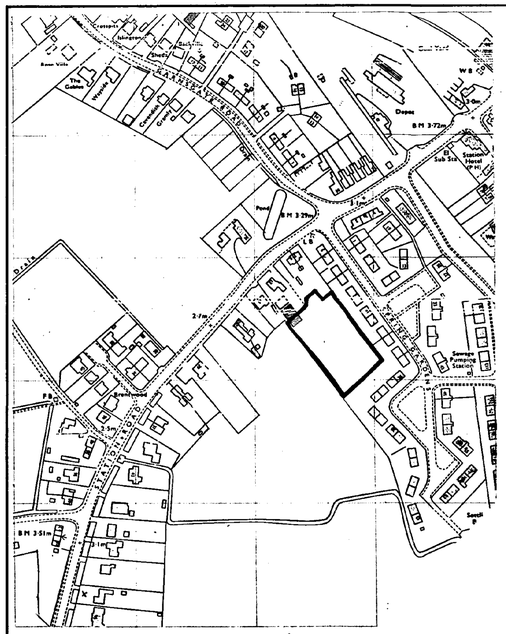
CONSTRUCTION DETAILS

250 CAVITY WALLS OF 100 FACING BRICKWORK, 50 OPEN CAVITY & 100 LYTAG CLINKER BLOCKS.
BELOW DPC: ALL BRICKS TO BE MIN 'FL' QUALITY & ALL BLOCKS TO BE DENSE CONCRETE.
WALL TIES TO COMPLY WITH BS 1243, 1978 MAX SPACINGS OF 900 HORIZONTALLY, 450 VERTICALLY & EVERY 225 AT JAMBS
DPCS TO ALL JAMBS & SILLS OF FRAMED OPENINGS & TO ALL CAVITY WALLS MIN 150 ABOVE G.L.
12:1 LEAN MIX CAVITY FILL UP TO 225 BELOW LOWEST DPC. CLOSE CAVITY AT EAVES LEVEL
600 x 225 GEN 3 CONCRETE STRIP FOUNDATIONS. 100 GEN 4 CONCRETE FLOOR WITH TROWEL FINISH
ON 150 COMPACTED HARDCORE.
SMOOTH CONCRETE INTERLOCKING ROOF TILES ON 25 x 38 TREATED BATTENS ON TYPE 1F ROOFING FELT
HAVING 150 LAP IN EACH DIRECTION. 30° PITCH PRE-FAB ROOFING TRUSSES AT MAX 600c/c WITH 30 x 5 x 1200
M/S ANCHOR STRAPS ON NOGGINS AT MAX 1800c/c. 50 x 100 WALL PLATES. 25 x 100 BRACING
112 HR UPVC GUTTERS & 68 ø UPVC DOWNPIPES.

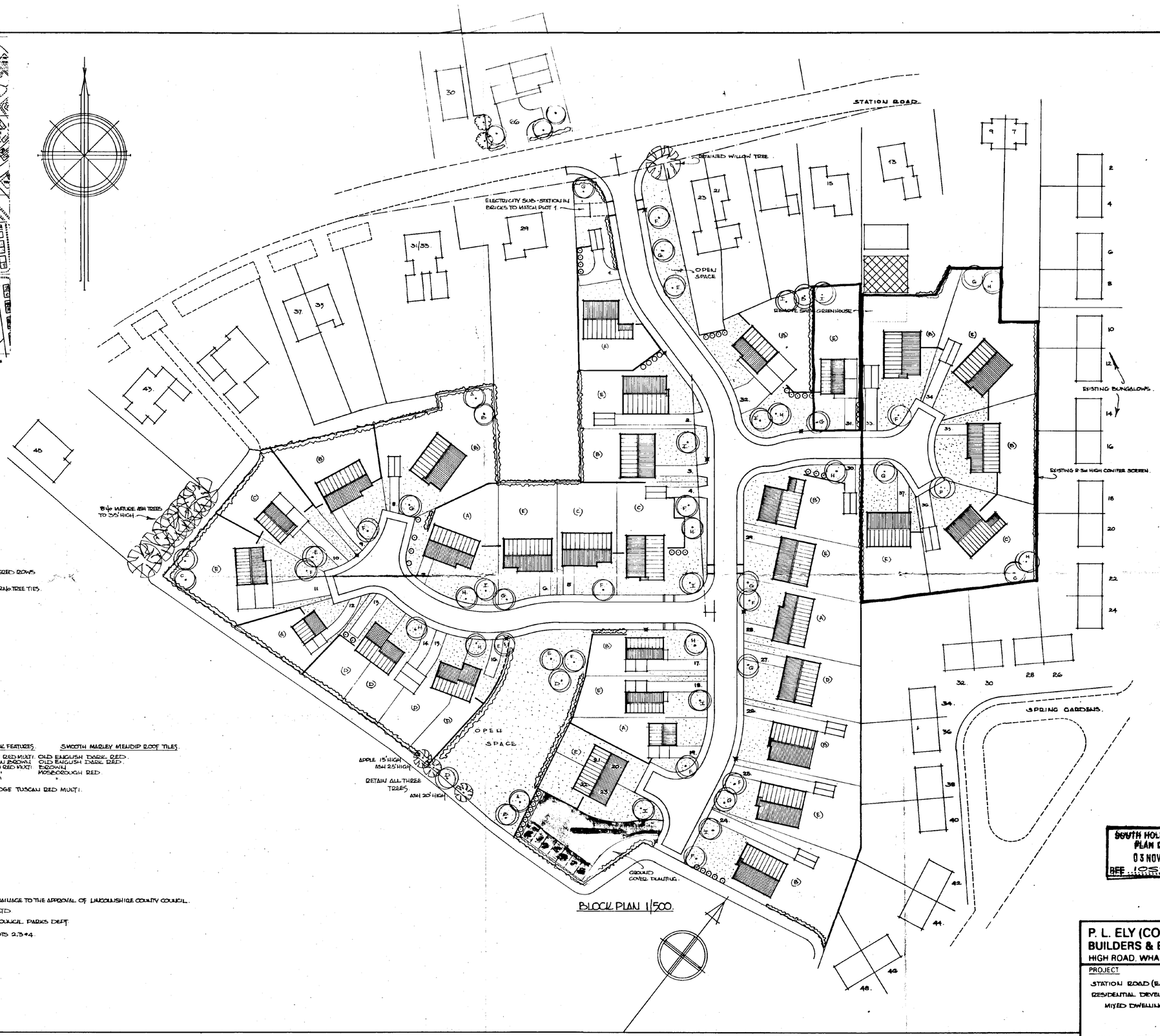
PROPOSED ENLARGED GARAGE FOR P.L.ELY (CONTRACTORS) LTD.

PLOT 36, DUNLIN DRIVE, STATION ROAD EAST, LONG SUTTON.


GENERAL BRICKWORK
A BELTON CAVENDISH PURPLE MULTI
B BAGGERIDGE TUSCAN RED MULTI
C BELTON CAVENDISH GOLDEN BROWN
D "
E BELTON CAVENDISH ANTIQUE BROWN
BRICK FEATURES
TUSCAN RED MULTI
GOLDEN BROWN
TUSCAN RED MULTI
"
"
SMOOTH MARLEY MENDIP ROOF TILES
OLD ENGLISH DARK RED
OLD ENGLISH DARK RED
BROWN
MOSBOROUGH RED
DN 254
DN 251
DN 352
EXISTING 2 5m HIGH COMPTER SCREEN
EXISTING BUNGALOWS
SOUT LAND DC
HOUS LANNING
13 1995
Ref. 1059/95
AMENDED PLAN
Ref. A2



LOCATION PLAN SCALE 1/2500.



BLOCK PLAN 1/500.

1.80 VERTICAL CLOSE BOARD TIMBER FENCES TO BS 1722 & BS 3470

FRONT GARDENS SEEDED OR TURFED.
COPPER BEECH HEDGES: FAGUS SYLVATICA SET IN DOUBLE STAGGERED ROWS 200 BETWEEN ROWS & AT 450 CENTRES.

NEW TREES TO BE STANDARDS & SECURED TO TREATED STAKES WITH 2No TREE TIES.

A. FIELD MAPLE: ACER CAMPESTRE.
B. PEPERBARK MAPLE: ACER CRISEUM.
C. SWEDISH WHITEBEAM: SORBUS ARIA.
D. WHITE WILLOW: SALIX ALBA.
E. FLOWERING RED HAWTHORN: CRATAEGUS OXYCANTHA.
F. SILVER BIRCH: BETULA ALBA.
G. WHITE BIRCH: BETULA PENDULA VERRUCOSA.
H. WILD CHERRY: PRUNUS AVIUM.
I. GOLDEN HORNET MALUS.

GENERAL BRICKWORK	BRICK FEATURES	SMOOTH MARLEY MENDIP ROOF TILES
A. BELTON CAVENDISH PURPLE MULTI.	TUSCAN RED MULTI.	OLD ENGLISH DARK RED.
B. BAGGERIDGE TUSCAN RED MULTI.	GOLDEN BROWN	OLD ENGLISH DARK RED.
C. BELTON CAVENDISH GOLDEN BROWN.	TUSCAN RED MULTI.	BROWN
D. "	"	MOSBOROUGH RED.
E. BELTON CAVENDISH ANTIQUE BROWN	"	"

• ALL FACEWORK BELOW DPC IN BAGGERIDGE TUSCAN RED MULTI.

STREET LIGHTING UNIT TO L.C.C.'S SPECIFICATION S/35/C/89.

ROADS FOOTPATHS VERGES STREET LIGHTING & SURFACE WATER DRAINAGE TO THE APPROVAL OF LINCOLNSHIRE COUNTY COUNCIL.

FOUL SEWERS TO THE APPROVAL OF ANGLIAN WATER SERVICES LTD.

OPEN SPACES TO THE APPROVAL OF SOUTH HOLLAND DISTRICT COUNCIL PARKS DEPT.

FLAT TOP LOW LEVEL KERBS DESCRIBE 2.4M x 60M SPLAY PLOTS 2,3 & 4.

THIS PLAN IS BASED UPON A SURVEY.

SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF 1059/94

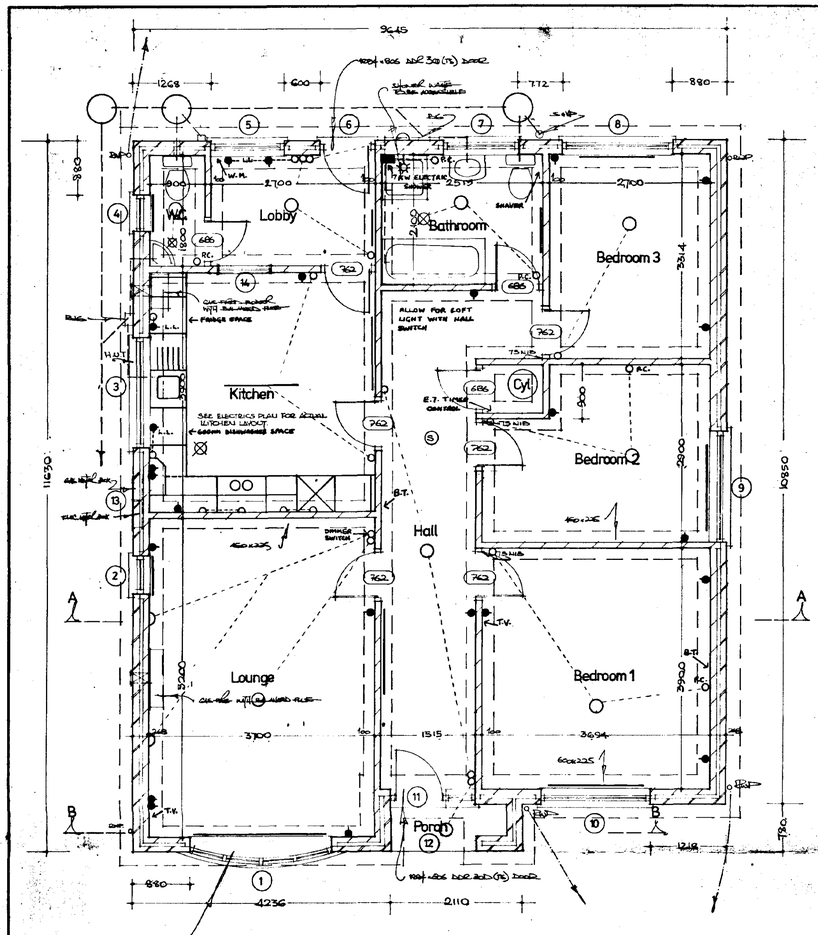
DETERMINED PLAN

P. L. ELY (CONTRACTORS) LTD
BUILDERS & ESTATE DEVELOPERS
HIGH ROAD, WHAPLODE, SPALDING, LINCS

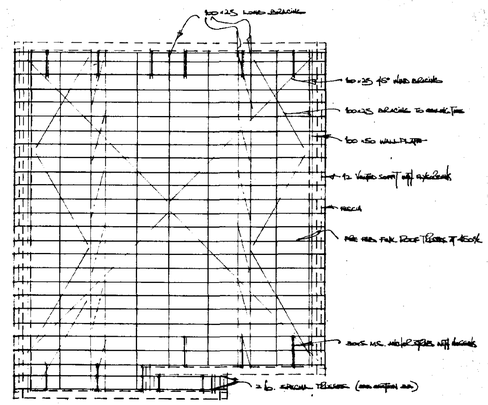
PROJECT
STATION ROAD (EAST) LONG SUTTON.
RESIDENTIAL DEVELOPMENT
MIXED DWELLINGS.

DRAWINGS: Proposed plots 33-37 Station Road (East) Long Sutton.

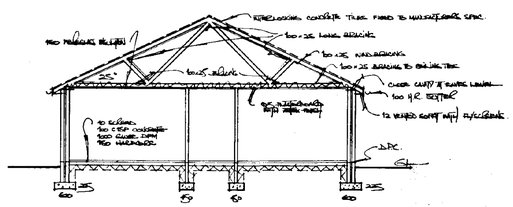
SCALES: VARIOUS.
DESIGN/PLAN No H11/601/90/WP.
DATE: MARCH 1992.
DRAWN: R. L. ELY.



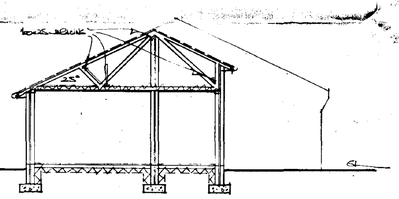
FLOOR PLAN (251)



ROOF PLAN



SECTION A-A



SECTION B-B

REF DETAILS OF ROOF TRUSS & ROOF TILES. REFER TO SITE PLAN

CONSTRUCTIONAL DETAILS

WALLS. EXTERNAL WALLS OF 103 FACING BRICKS CAVITY INSULATED WITH CS SLUELL POLYSTYRENE BONDED BEADS OR INNER LEAF TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT INTERNALLY WALL TIES TO COMPLY WITH B.S 1243 1978 WITH MAX SPACINGS 900 HORIZONTALLY, 450 VERTICALLY & EVERY 225 AT JAMBS & ALL OPENING LOAD LINTELS INSULATED ALL BLOCKS UPTO D.P.C TO BE DENSE CONCRETE. INTERNAL WALLS TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT OR 75 STUD PARTITION WITH SKIM FINISH. D.P.C. TO ALL DOOR & WINDOW OPENINGS AT ALL WALLS MIN 150 ABOVE G.L. BRING CONTINUOUS WITH D.P.M. FILL CAVITY TO 150 BELOW D.P.C. WITH LEAN MIX CONCRETE. USE INSULATED CAVITY CLOSERS AT REVEALS & ASBESTOS CEMENT STRIP AT EAVES LEVEL TO AVOID THERMAL BRIDGING. ALL WORK BELOW D.P.C. TO BE 'FL' QUALITY.

ROOF. MARLEY CONCRETE INTERLOCKING ROOF TILES WITH MIN 75 HEADLAP ON 38 x 125 TREATED S.W BATTENS ON TYPE 1F ROOFING FELT HAVING 150 LAP IN EACH DIRECTION
25° PITCH PRE-FABRICATED PINE ROOF TRUSSES AT 450 CENTERS STRAPPED AT VERGES CEILING LEVEL AT MAX 600 CENTRES WITH 30 x 5 N.S ANCHOR STRAPS, 100 x 50 WALL PLATES 100 x 25 BEACHING PORCH ROOF ALL AS DRAWN CONSTRUCTED TO B.S 5268 PT 3 1985
UPVC RAINWATER GOODS TO BE ERIVALENT TO 100 Ø GUTTERS & 65 DIAM DOWNPIPE

FOUNDS. STRIP FOUNDATIONS OF C15P CONCRETE (OR C20P WHERE REINFORCEMENT USED) 600 x 225 UNDER CAVITY WALLS & 450 x 225 UNDER PARTITION WALLS. FOUNDATIONS TO BE TAKEN DOWN TO SUITABLE LOAD BEARING STRATA DETERMINED ON SITE WITH S.H.D.C BUILDING INSPECTOR.

FLOORS. GROUND FLOOR TO BE 40 SAND/CEMENT SCREED ON 100 C15P CONCRETE SUB-FLOOR (OR C20P WHERE REINFORCED) ON 1000 GAUGE POLYTHENE D.P.M. ON MIN 150 BLINDED & COMPACTED HARDCORE

CEILINGS. CEILINGS LINED WITH 9.5 THICK PLASTERBOARD WITH ARTEX FINISH. MIN 150 FIBREGLASS INSULATION TO ROOF SPACE. MIN 50 VENTILATION GAP ABOVE INSULATION AT EAVES. ROOF SPACE VENTILATED TO 0.002 M² REQUIREMENTS. EAVES VENTILATION TO BE EQUIVALENT TO A 10 CONTINUOUS GAP USING VENTILATING SOFFIT BOARDS & TIMBER EAVES VENTS. GARAGE CEILING/LINTELS TO BE LINED WITH 2 LAYERS OF 6 MASTE BOARD WITH STAGGERED JOINTS OR, EQUIVALENT

JOINERY. WINDOWS TO BE FROM THE B & P.S STANDARD RANGE. ALL TO HAVE MIN 4000MM² LIGHT VENTS & SEALED DOUBLE GLAZING UNITS (EXCEPT GARAGE) NATURAL VENTILATION AREA OF WINDOWS TO BE NOT LESS THAN 1/20 OF ROOM FLOOR AREA.
PILKS 'K' GLASS TO ALL D/G WINDOWS.

HEATING. SPACE & WATER HEATING BY GAS FIRED BOILER WITH BALANCED FLUE. HOT WATER SYSTEM TO BE VENTED. HOT WATER STORAGE CYLINDER & ALL DISTRIBUTION PIPES TO BE INSULATED TO BS5 1.1. SECT. 3. ALL FLUES TO HAVE EXTERNAL COWLED TERMINATION. & TANK CISTERNS TO BE SIZED & INSTALLED ACCORDANCE WITH BS6 5.5, SEC. 2.

WASTES. BATH, SINK & LOUNGER WASTES TO BE 40 BASIN WASTES TO BE 32. ALL TO HAVE 75 DEEP SEAL TRAPS & BOOKING EYES AT EACH CHANGE OF DIRECTION. AIR DISMITTANCE VALVES TO BE PROVIDED WHERE WASTE LENGTHS EXCEED 3000 (10 WASTES) & 1800 (22 WASTES) 100MM DIAM. VENT PIPES TO HAVE ACCESS PLATES AT BASES & DURABLE CAGES AT TERMINALS MIN 900 ABOVE WINDOW HEADS

DRAINS. ALL DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH APPROVED PVC PIPES LAID IN STRAIGHT LINES TO SELF CLEANSING GRADIENTS (FOUL 1:40 & S/W 1:100) WHERE PASSING THROUGH EXTERNAL WALLS PIPES TO HAVE R.C LINTEL OVER & TO BE SUITABLY PROTECTED BY A RIGID PIPE OR CONCRETE SURROUND. ALL PIPES OF UNEQUAL TO HAVE 150 THICK PEA GRAVEL BED & SURROUND. WHERE NOT UNDER A DRIVEWAY LESS THAN 900 COVER PIPES TO BE PROTECTED BY PAVING SLABS PLACED ABOVE NOT LESS THAN 75 PEA GRAVEL. WHERE UNDER A DRIVE & HAVING LESS THAN 900 COVER PIPES TO BE PROTECTED BY REINFORCED CONCRETE RIDGE ABOVE NOT LESS THAN 75 PEA GRAVEL. SURFACE WATER DRAINS TO HAVE BOOKING EYES AT EACH CHANGE OF DIRECTION. ALL GULLEYS TO BE RODDABLE. MAKING GOOD ALL EDGES WHERE PIPING THROUGH WALLS.

I.Cs. INSPECTION CHAMBERS NOT EXCEEDING 900 DEEP TO BE 450 DIAM. APPROVED PVC SET ON 150 THICK CONCRETE BASE GRADED & COVERS USED GENERALLY A GRADE B ALLEDGED IN A DRIVE SET ON 150 THICK CONCRETE PLINTH.

SOAKAWAYS. ALL SURFACE WATER DRAINS TO DISCHARGE INTO MIN 1M³ BRICK RUBBLE SOAKAWAYS SITED MIN 5M FROM ANY BUILDING

DRIVEWAY. 50 @ CLEAN WASHED GRAVEL ON 100 COMPACTED HARDCORE BETWEEN CONCRETE PAVING SLABS ON LEAN MIX BASE

FOOTPATHS. 50 CONCRETE PAVING SLABS SET ON HARDCORE & LEAN MIX

MECH. VENT. RAPID VENTILATION EXTRACTOR FANS TO BE PROVIDED IN KITCHENS (MIN. 60 LITRES PER SECOND) & BATHROOMS (MIN 15 LITRES PER SECOND) ALL DUCT WORK IN LOFT SPACE TO BE INSULATED

F&U DETAILS: KITCHEN CAT 2 TO BATHROOM CAT 2 TO W.C. CAT 1 TO.

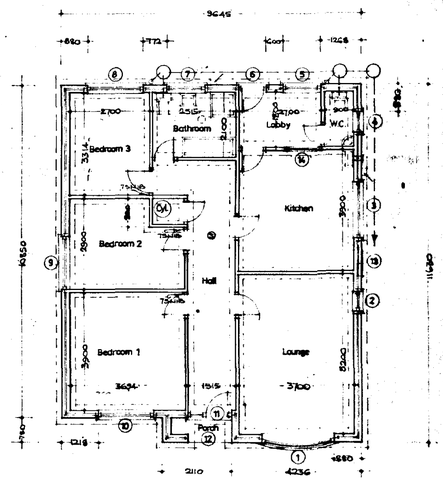
SMOKE ALARMS. PROVIDE AS INDICATED, MAINS ONE TO EACH FLOOR. ALL TO BE INTERCONNECTED & MAINS OPERATED WITH SEPERATE FUSE TO BS 5446 PT 1 & TO APPROVED DOCUMENT B1.

GLAZING. ALL GLAZING TO BE TO APPROVED DOCUMENT N. ALL GLAZED AREAS BELOW 800 FROM FLOOR LEVEL, ALL DOORS & SIDELIGHTS TO BE IN TOUGHENED GLASS TO BS 6206 1981

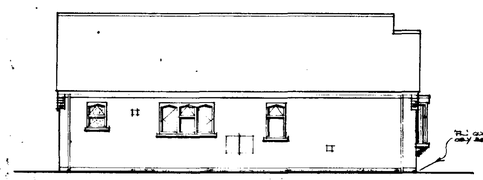
No.	Joinery	251	250	Lintel	Lintel
1	CP2(R&W)	—	—	GL2	2100
2	W3V (W)	—	—	GL2	1050
3	Blank (W)	—	—	GL2	2100
4	W3V (W)	—	—	GL2	1050
5	2100 (W)	DSP	CAT	GL1	1500
6	W4 (W)	—	—	GL1	1200
7	2100 (W)	DSP	CAT	GL1	1500
8	Blank (W)	—	—	GL1	2100
9	"	—	—	GL2	"
10	Blank (W)	—	—	GL1	"
11	FRENCH DOOR	DPP	CAT	GL1	1650
12	—	—	—	GL1	"
13	—	—	—	GL1	1800
14	SPECIAL.				

CAVITY CLOSER BAY TO BE CP4C/1150 (W) / 1650 (W) / 1800 (W) / 1950 (W).

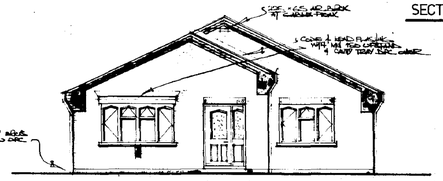
ALL LINTELS INSTALLED TO MANUFACTURERS SPEC. AND SITE MEASUREMENTS



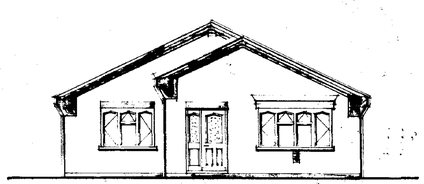
FLOOR PLAN (250)



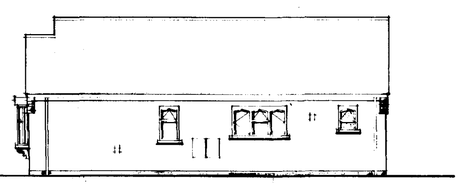
SIDE ELEVATION



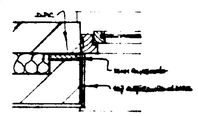
FRONT ELEVATION
DESIGN No 251



FRONT ELEVATION
DESIGN No 250.

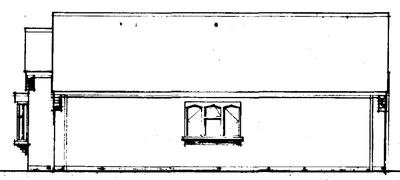


SIDE ELEVATION

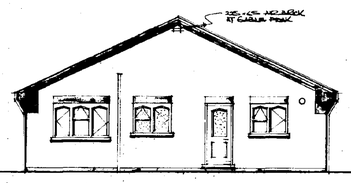


JAMB DETAIL

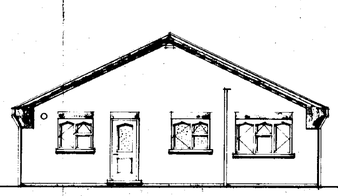
ALL DIMENSIONS IN MILLIMETRES



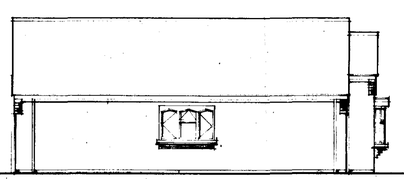
SIDE ELEVATION



REAR ELEVATION



REAR ELEVATION



SIDE ELEVATION

SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF 1559/94

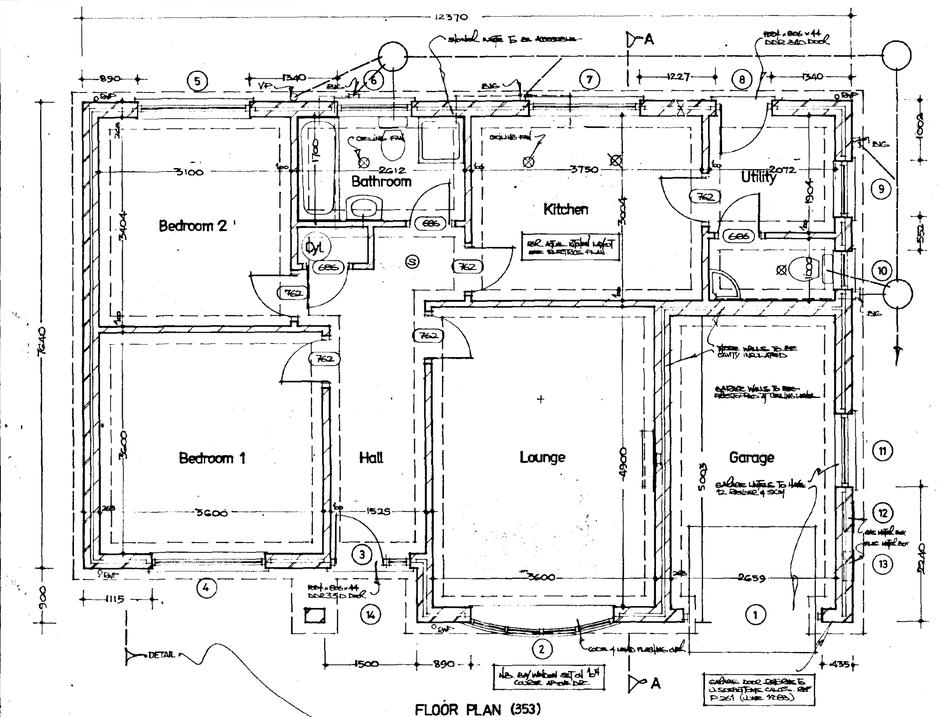
DETERMINED
PLAN

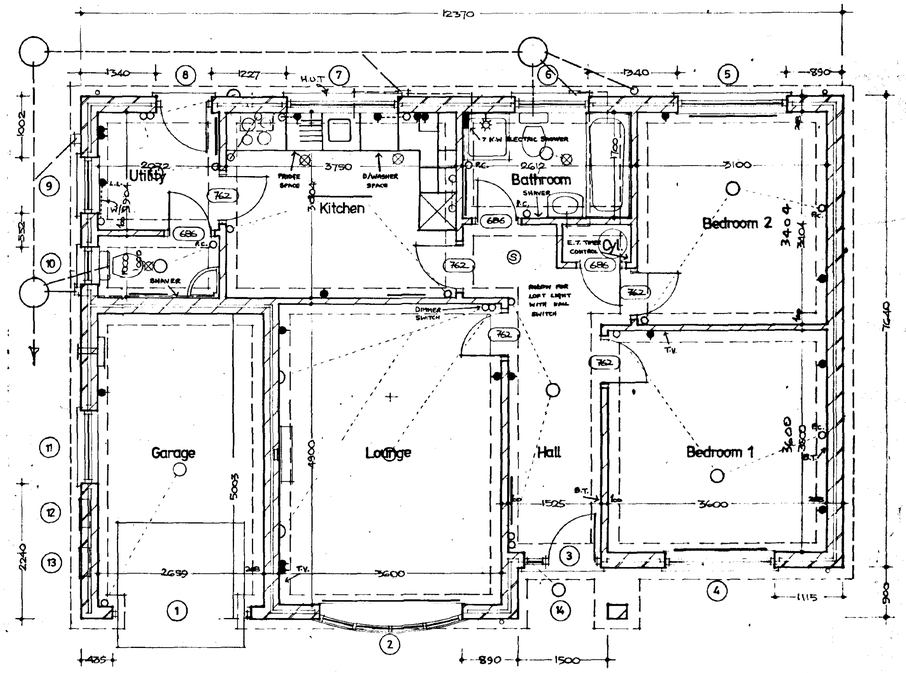
P. L. ELY (CONTRACTORS) LTD
BUILDERS & ESTATE DEVELOPERS
HIGH ROAD WHAPLODE SPALDING LINCS

PROJECT:
STRATFORD TYPE BUNGALOW.
Plots 33 & 34 Station Road (East) Long Sutton

DRAWINGS.

SCALES: 1:50 & 1:100
DATE OCT '94
DESIGN/PLAN No 250/1
DRAWN





CONSTRUCTIONAL DETAILS

WALLS EXTERNAL WALLS OF 105 FACING BRICKS, CAVITY INSULATED WITH C. SHELL POLYSTYRENE BONDED BEADS OR APPROVED EQUIVALENT TO BE 100 LYTAG THERMAL BLOCKS PLASTERED NO COAT INTERNALLY WALLS TIES TO COMPLY WITH B.S. 1243 1978 WITH WALL SPACERS 900 HORIZONTALLY, ALSO VERTICALLY EVERY 225 AT JAMBS. ALL DOORWAY LINTELS INSULATED. ALL BLOCKS LAID IN D.P.C. TO BE DENSE CONCRETE. INTERNAL WALLS TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT OR 75 STUD PARTITION WITH 5MM FINISH. D.P.C.'S TO ALL DOOR & WINDOW OPENINGS & TO ALL WALLS MIN 150 ABOVE G.L. BEING CONTINUOUS WITH D.P.M. FILL CAVITY TO 150 BELOW D.P.C. WITH LEAN MIX CONCRETE. USE INSULATED CAVITY CLOSERS AT GEVEALS & ASBESTOS CEMENT STRIP AT EAVES LEVEL TO AVOID THERMAL BRIDGING. ALL BRICKS BELOW D.P.C. TO BE MIN F.C. QUALITY.

ROOF MARLEY CONCRETE INTERLOCKING ROOF TILES WITH MIN 75 HEADLAP ON 38 x 125 TREATED S.W. BATTENS ON TYPE 1F ROOFING FELT LAYING 150 LAP IN EACH DIRECTION
30° PITCH PRE-FABRICATED PINK ROOF TRUSSES AT 450 CENTERS STRAPPED AT VERGES, CEILING LEVEL AT MAX 1800 CENTRES WITH 30 x 5 M.S. ANCHOR STRAPS EACH 50 WALL PLATES 100 x 25 INSET INTO A PORCH ROOF ALL AS DRAWN CONSTRUCTED TO B.S. 5268 PT 3 1985
U.P.V.C. RAINWATER GOODS TO BE EQUIVALENT TO 100 H. & CUTTER & 65 DIAM DOWNPIPE

FOUNDS STEP FOUNDATIONS OF C15P CONCRETE (OR C20 WHERE REINFORCEMENT USED) 600 x 225 UNDER CAVITY WALLS & 450 x 225 UNDER PARTITION WALLS. FOUNDATIONS TO BE TAKEN DOWN TO SUITABLE LOAD BEARING STRATA DETERMINED ON SITE WITH S.W.D.C. BUILDING INSPECTOR.

FLOORS GROUND FLOOR TO BE 40 SAND/CEMENT SCREED ON 100 C15P CONCRETE SUB-FLOOR (OR C20P WHERE REINFORCED) ON 1200 GAUGE POLYTHENE D.P.M. ON MIN 150 RAMMED & COMPACTED HARDCORE

CEILINGS CEILINGS LINED WITH 9.5 THICK PLASTERBOARD WITH ARTEX FINISH. MIN 150 FIBREGLASS INSULATION TO ROOFSPACE. MIN 50 VENTILATION GAP ABOVE INSULATION AT EAVES. ROOFSPACE VENTILATED TO 1/300 TH REQUIREMENTS. EAVES VENTILATION TO BE EQUIVALENT TO A 10 CONTINUOUS GAP USING VENTILATING SOFFIT BOARDS & TIMBER EAVES VENTS. GARAGE CEILINGS LININGS TO BE LINED WITH 2 LAYERS OF 9.5 PLASTERBOARD WITH STAGGERED JOINTS OR EQUIVALENT

JOINERY WINDOWS TO BE FRONTIER 6 & P STANDARD RANGE. ALL TO HAVE MIN 4000MM² TRICKLE VENTS & SEALED DOUBLE GLAZING UNITS (EXCEPT GARAGE) NATURAL VENTILATION AREA OF WINDOWS TO BE NOT LESS THAN 1/20 OF ROOM FLOOR AREA
ALL WINDOWS: DOUBLE GLAZED WITH PYLKINGTONS 'E' GLASS.

HEATING SPACE & WATER HEATING BY GAS FIRED BOILER WITH BALANCED FLUE. HOT WATER SYSTEM TO BE VENTED. HOT WATER STORAGE CYLINDER & ALL DISTRIBUTION PIPES TO BE INSULATED TO BRS 1.1. SEC 3. ALL RADIATORS TO HAVE EXTERNAL GUARDS. THERMOSTATIC & TIME CONTROLS TO BE FITTED TO BOILER & HOT WATER CYLINDER. ALL ACCORD WITH REG 1.1. SECTION 2.

WASTES BATH, SMALL SHOWER WASTES TO BE 40 DIAM WASTES TO BE 32. ALL TO HAVE 75 DEEP SEAL TRAPS & BOSSING EYES AT EACH CHANGE OF DIRECTION. AIR & WATER TIGHT VALVES TO BE PROVIDED WHERE WASTE LENGTHS EXCEED 3000 OR WASTES & 1700 32 WASTES
100 DIAM VENT PIPES TO HAVE ACCESS PLATES AT BASE & DURABLE CAGES AT TERMINALS MIN 900 ABOVE WINDOW HEADS

DRAINS ALL DRAINS TO BE CONSTRUCTED IN 100 DIAM APPROVED PVC PIPES LAID IN STRAIGHT LINES TO SELF CLEANSING GRADIENTS 1 FOR 1 TO 1 OR 1 IN 100 WHERE PASSING UNDER EXTERNAL WALLS PIPES TO HAVE 18 C.C. LINTEL OVER & TO BE SUITABLY PROTECTED BY A RIGID SHEET MATERIAL. ALL PIPES OUTSIDE BUILDING TO HAVE ISOTHERM PEA GRAVEL BED & SURROUND WHERE NOT UNDER A CONCRETE PAVING LESS THAN 100 COVER. PIPES TO BE PROTECTED BY PAVING SLABS PLACED ABOVE NOT LESS THAN 75 PEA GRAVEL. WATER UNDER A CONCRETE PAVING LESS THAN 100 COVER. PIPES TO BE PROTECTED BY REINFORCED CONCRETE BARGE ABOVE NOT LESS THAN 75 PEA GRAVEL.
SURFACE WATER DRAINS TO HAVE BOSSING EYES AT EACH CHANGE OF DIRECTION. ALL GULLEYS TO BE ACCESSIBLE. MAINTAIN 50 GAP ALL ROUND ANY PIPES WHICH PASS THROUGH EXTERNAL WALLS.

I Os INSPECTION CHAMBERS NOT EXCEEDING 900 DEEP TO BE 450 DIAM APPROVED PVC SET ON 150 THICK CONCRETE BASE. GRADE & COVERS USED GENERALLY & GRADE A WHERE IN A ROAD SET ON 150 THICK CONCRETE PLINTH

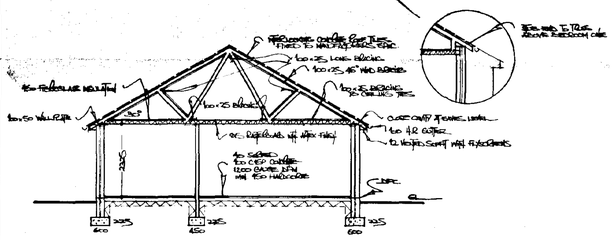
SOAKAWAYS ALL SURFACE WATER DRAINED TO DISCHARGE INTO MIN (1m³ BRICK RUBBLE SOAKAWAYS SITED MIN 5m FROM ANY BUILDING

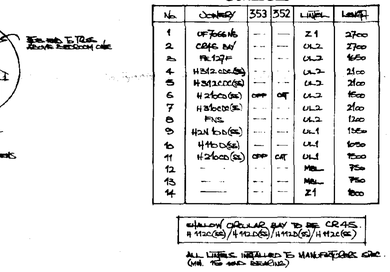
DRIVEWAY 50/6 CLEAN WASHED GRAVEL ON 100 COMPACTED HARDCORE BETWEEN CONCRETE PAVING SLABS ON LEAN MIX BASE.

FOOTPATHS 50 CONCRETE PAVING SLABS SET ON HARDCORE & LEAN MIX

MECH VENT RAPID VENTILATION EXTRACTOR FANS TO BE PROVIDED IN KITCHENS MIN 60 LITRES PER SECOND & BEDROOMS MIN 15 LITRES PER SECOND. ALL DUCT WORK IN LOFT SPACE TO BE INSULATED

FAN DETAILS: KITCHEN CMF 270. BATHROOM CMF 240. W/C. CMF 170.
SMOKE ALARM S. PROVIDE AS INDICATED, MIN ONE TO EACH FLOOR, ALL TO BE INTERCONNECTED & MAINS OPERATED WITH SEPERATE FUSE TO BS 5446 PT 1 & TO APPROVED DOCUMENT B1.
GLAZING ALL GLAZING TO BE TO APPROVED DOCUMENT N, ALL GLAZED AREAS BELOW 800 FROM FLOOR LEVEL, ALL DOORS & SIDELIGHTS TO BE IN TOUGHENED GLASS TO BS 6206 1981.



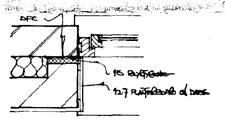


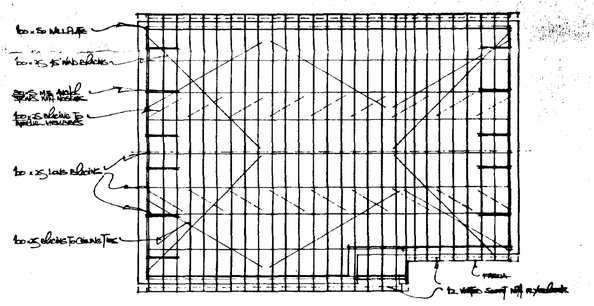
SCHEDULE

No.	Doorway	353	352	Lintel	Length
1	OF 7066 WB	---	---	Z1	2700
2	CRAIG RW	---	---	UL2	2700
3	PB 1971	---	---	UL3	1650
4	H 1812 (DR 6S)	---	---	UL2	2100
5	H 3412 (DR 6S)	---	---	UL3	2100
6	H 2400 (6S)	OPP	OPP	UL3	1950
7	H 1800 (6S)	---	---	UL2	2100
8	PNS	---	---	UL2	1200
9	H 2412 (6S)	---	---	UL1	1350
10	H 1900 (6S)	---	---	UL1	1050
11	H 2600 (6S)	OPP	OPP	UL1	1500
12	-	---	---	MBL	750
13	---	---	---	MBL	750
14	---	---	---	Z1	1200

WINDOW CILLS TO BE CR 6S.
H 1812 (6S) / H 1912 (6S) / H 2112 (6S) / H 2312 (6S)

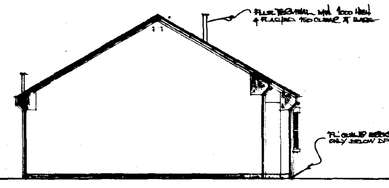
ALL LINTELS INSTALLED TO MANUFACTURERS CODE (WHERE APPLICABLE)

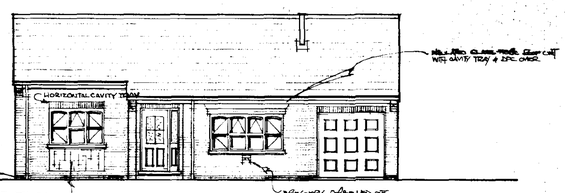




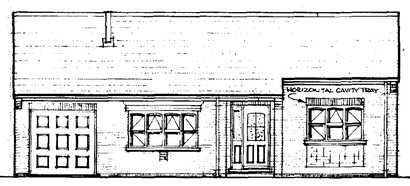
ROOF PLAN

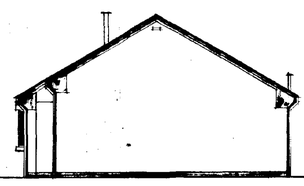
ROOF CONSTRUCTION TO BE CONCRETE PANTILES, TYPE 1F



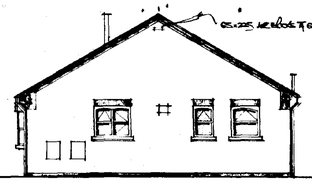


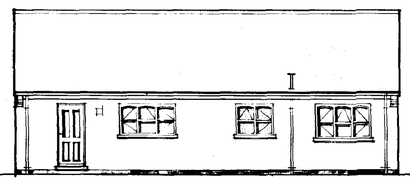
ELEVATIONS WITH UNDERLINED NAMES REFERRING 5-6 No. TO BE MIN. 1m FROM BOUNDARY

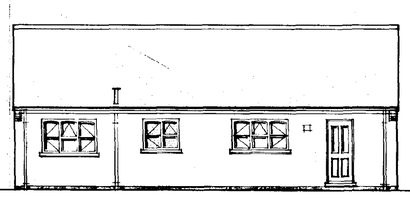


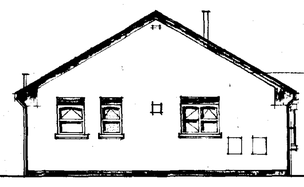


ALL DIMENSIONS IN MILLIMETRES









SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF 1550/94

DETERMINED PLAN

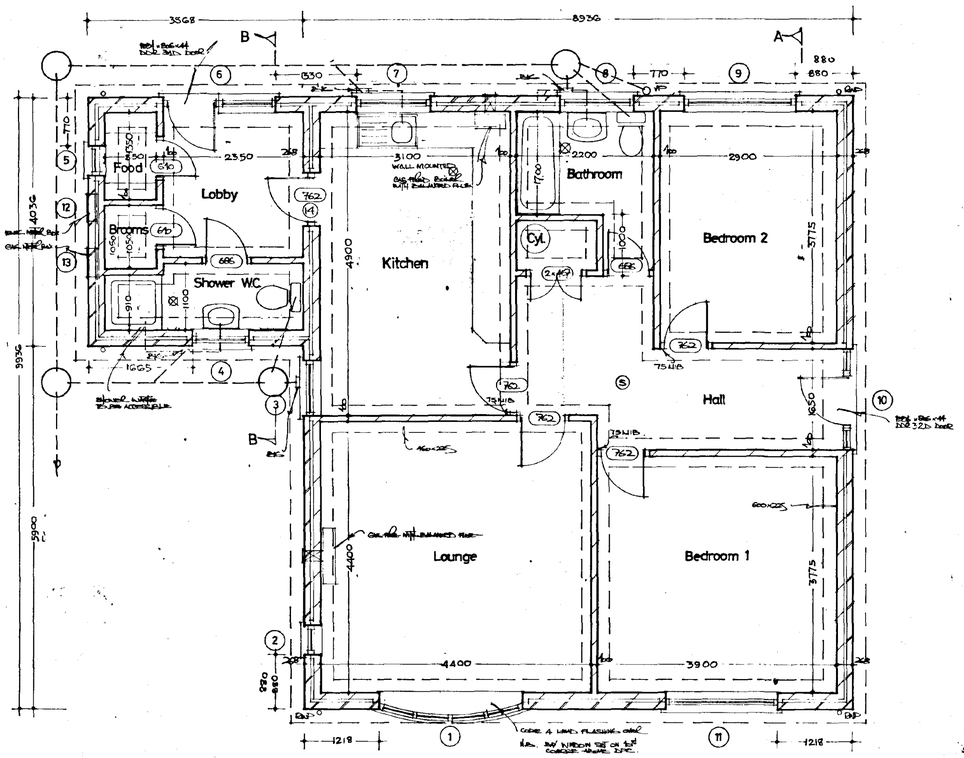
P. L. ELY (CONTRACTORS) LTD
BUILDERS & ESTATE DEVELOPERS
HIGH ROAD, WHAPLODE, SPALDING, LINCS

PROJECT
SLEAFORD TYPE BUNGALOW.
Plot 35 Station Road (East) Long Sutton.

DRAWINGS

SCALES: 1/50, 1/100.
DATE MAY 1992.
DESIGN/PLAN No 352/3
DRAWN

U0003589



FLOOR PLAN (259)

FOR DETAILS OF FACING BRICKS & ROOF TILES REFER TO SITE PLAN

CONSTRUCTIONAL DETAILS

WALLS EXTERNAL WALLS OF 103 FACING BRICKS, CAVITY INSULATED WITH CS SHELL POLYSTYRENE BONDED BEADS INNER LEAF TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT INTERNALLY WALLS TO COMPLY WITH B.S 5628: 1978 WITH MAX STAGGERS 900 ACCIDENTALLY, ALSO VERTICALLY AT EVERY 1225 AT JAMB'S ALL DOORWAYS LOAD BEARING UNLESS INSULATED ALL BLOCKS UP TO D.P.C. TO BE DENSE CONCRETE. INTERNAL WALLS TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT OR 75 STUD PARTITION WITH SKIM FINISH. D.P.C.'S TO ALL DOOR & WINDOW OPENINGS & TO ALL WALLS MIN 150 ABOVE G.L. BEING CONTINUOUS WITH D.P.M. FILL CAVITY TO 150 BELOW D.P.C. WITH LEAN MIX CONCRETE. USE INSULATED CAVITY CLOSERS AT CEILINGS & ASHESTOS CEMENT STRIP AT EAVES LEVEL TO AVOID THERMAL BRIDGING ALL BRICKS, BLOCKS, ETC. TO BE OF FIRST QUALITY.

ROOF MARLEY CONCRETE INTERLOCKING ROOF TILES WITH MIN 75 LEADLAP ON 38 x 125 TREATED S.W. BATTENS ON TYPE 1F FELT LAYING 150 LAP IN EACH DIRECTION
12½° PITCH PRE-FABRICATED TIMBER ROOF TRUSSES AT 450 CENTRES STRAPPED AT VERGES, CEILING LEVEL AT MAX 1800 CENTRES WITH 30 x 5 M.S. ANCHOR STRAPS 1000 SQ. WALL PLATES 100 x 25 FASCIA & PORCH ROOF ALL AS DRAWN CONSTRUCTED TO B.S. 5268 PT 3: 1985
UPVC RAINWATER GOODS TO BE EQUIVALENT TO 100 Ø GUTTERS & 65 DIAM DOWNPIPE

FOUNDS STRIP FOUNDATIONS OF C15P CONCRETE (OR C20P WHERE REINFORCEMENT USED) 600 x 225 UNDER CAVITY WALLS 450 x 225 UNDER PARTITION WALLS. FOUNDATIONS TO BE TAKEN DOWN TO SUITABLE LOAD BEARING STRATA DETERMINED ON SITE WITH S.H.D.C. BUILDING INSPECTOR

FLOORS GROUND FLOOR TO BE 40 SAND/CEMENT SCREED ON 100 C15P CONCRETE SUB-FLOOR (OR C20P WHERE REINFORCED) ON 250 GAUGE POLYTHENE D.P.M. ON MIN 150 BLINDED & COMPACTED HARDCORE

CEILINGS CEILINGS LINED WITH 9.5 THICK PLASTERBOARD WITH ARTEX FINISH. MIN 150 FIBREGLASS INSULATION TO 200 SPACE. MIN 50 VENTILATION GAP ABOVE INSULATION AT EAVES. ROOF SPACE VENTILATED TO 1/250 FS REQUIREMENTS. EAVES VENTILATION TO BE EQUIVALENT TO A 10 CONTINUOUS GAP USING VENTILATING SOFFIT BOARDS & TIMLOC EAVES VENTS. GARAGE CEILING & LINTELS TO BE LINED WITH 2 LAYERS OF 9 MASTERBOARD WITH STAGGERED JOINTS OR, FIRE RATED

JOINERY WINDOWS TO BE FROM THE B & P STANDARD RANGE. ALL TO HAVE MIN 4000 mm² TRICKLE VENTS & SEALED DOUBLE GLAZING UNITS (EXCEPT GARAGE) NATURAL VENTILATION AREA OF WINDOWS TO BE NOT LESS THAN 1/20 OF ROOM FLOOR AREA
DOUBLE GLAZED WINDOWS IN PILKINGTONS 'K' GLASS.

HEATING SPACE & WATER HEATING BY GAS FIRED BOILER WITH BALANCED FLUE. HOT WATER SYSTEM TO BE VENTED. HOT WATER STORAGE CYLINDER & ALL DISTRIBUTION PIPES TO BE INSULATED TO BS 5.1. SEC 3. ALL FLUES TO HAVE EXTERNAL CHASES. THERMOSTAT & TIME CONTROL TO BOILER & HOT WATER CYLINDER IN ACCORDANCE WITH PART L1, ISSUE 2.

WASTE BATH, SINK & SLOW RESISTES TO BE 40 WASH BASIN WASTES TO BE 32. ALL TO HAVE 75 DEEP SEAL TRAPS & BOWLING EYES AT EACH CHANGE OF DIRECTION ARE BOWL TRAP VALVES TO BE PROVIDED WHERE WASTE VELOCITIES EXCEED 3000 (40 WASTES) & 1700 (22 WASTES)
100 DIAM. VENT PIPES TO HAVE ACCESS PLATES AT BASES & DURABLE CAGES AT TERMINALS VENTILATING MANHOLE HEADS

DRAINS ALL DRAINS TO BE CONSTRUCTED IN NOGGAM APPROVED PVC PIPES LAID IN STRAIGHT LINES TO SUIT CLEARING OPERATIONS (FULL 1:40 & 1:80). WHERE PASSING THROUGH EXTERNAL WALLS PIPES TO HAVE R.C. LINTEL OVER & TO BE SUITABLY PROTECTED BY A RIGID PIPE SLEEVE INTERNATIONAL. ALL PIPES OF EQUALLY TO HAVE 150 BROKEN GRAVEL BED & SURROUND WHERE NOT UNDER A DRIVE & LYING LESS THAN 900 COVER PIPES TO BE PROTECTED BY PAVING SLABS PLACED ABOVE NOT LESS THAN 75 PEA GRAVEL. WHERE UNDER A DRIVE & HAVING LESS THAN 900 COVER PIPES TO BE PROTECTED BY REINFORCED CONCRETE BEDDED ABOVE NOT LESS THAN 75 GRAVEL. SURFACE WATER DRAINS TO HAVE GRADING EYES AT EACH CHANGE OF DIRECTION. ALL GULLIES TO BE ACCESSIBLE. WATER TO CAP ALL PLUMBING PIPES. MAINS FINISHED THROUGH WALLS.

I. Cs INSPECTION CHAMBERS NOT EXCEED 450 DEEP TO BE 450 DIAM APPROVED P.V.C. SET ON 150 THICK CONCRETE BASE. CLASS 'C' COVERS USED GENERALLY & CLASS 'D' & 'E' USED IN A DRIVE SET ON 150 THICK CONCRETE PLINTH

SOAKAWAYS ALL SURFACE WATER DRAINS TO DISCHARGE INTO RIN 1M³ ROCK BUBBLE SOAKAWAYS SITED MIN 5M FROM ANY BUILDING

DRIVEWAY 50 (0 CLEAR) WASHED GRAVEL ON 100 COMPACTED HARDCORE BETWEEN CONCRETE PAVING SLABS ON LEAN MIX BASE

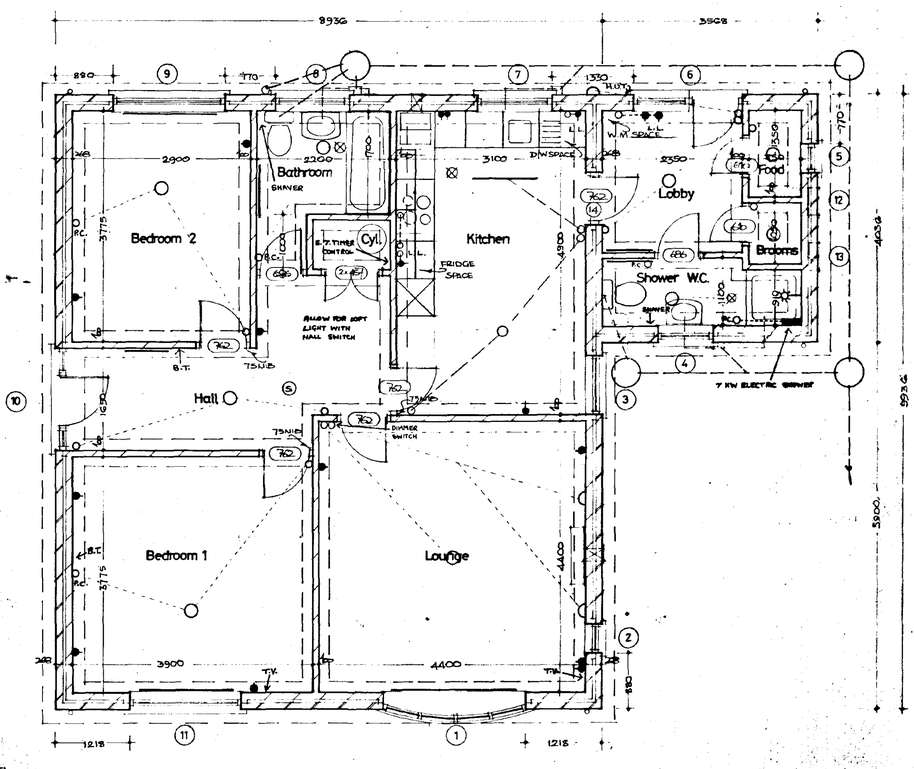
FOOTPATHS 50 CONCRETE PAVING SLABS SET ON HARDCORE & LEAN MIX

MECH VENT RAPID VENTILATION EXTRACTOR FANS TO BE PROVIDED IN KITCHENS (MIN 60 LITRES PER SECOND) ABLUTIONS (MIN 15 LITRES PER SECOND). ALL DUCT WORK IN LOFT SPACE TO BE INSULATED. 450mm x 225mm FAN (ref. 45 LITRES PER SECOND) IN SHOWER/WC.

FAN DETAILS: KITCHEN CMF 270. SHOWER CMF 240: BATHROOM CMF 240.

SMOKE ALARMS (5) PROVIDE AS INDICATED, MIN ONE TO EACH FLOOR. ALL TO BE INTERCONNECTED & MAINS OPPERATED WITH SEPARATE FUSE, TO BS 5446 PT 1 & TO APPROVED DOCUMENT B1.

GLAZING ALL GLAZING TO BE TO APPROVED DOCUMENT N. ALL GLAZED AREAS BELOW 800 FROM FLOOR LEVEL, ALL DOORS & SIDELIGHTS TO BE IN TOUGHENED GLASS TO BS 6206: 1981.

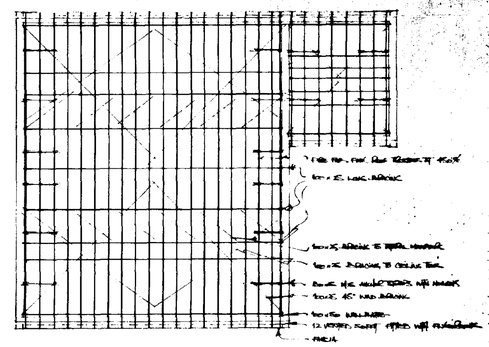


FLOOR PLAN (258)

No.	Lintol	259	258	Code	Length
1	CAVITY TRAY	—	—	GL2	2900
2	140 F.B.	—	—	GL1	900
3	H2A 60 B	—	—	GL1	1200
4	"	—	—	GL2	"
5	H 140 B	—	—	GL1	900
6	NR H2A 60 B	—	—	GL2	2300
7	H 2 140 B	OR	OBB	GL2	1500
8	"	OR	OBB	GL2	"
9	H 140 B DC	—	—	GL2	2300
10	RAD 600 FF	—	—	GL1	1350
11	H 140 DC	—	—	GL2	2300
12	—	—	—	GL1	750
13	—	—	—	GL1	"
14	—	—	—	GL4	1200

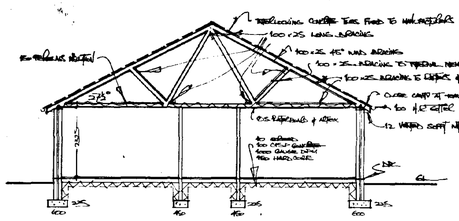
BUILDING OVER LINTOL MAY TO CHOSEN FROM CEN/H1 H2C (GRP)/H H2B/H H2A/H H2C (GRP)

ALL TIMBER INTENDED TO WALL/ATTACH TO SHALL BE PRESSURE IMPREGNATED

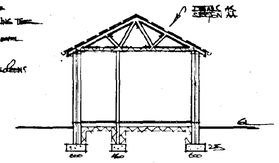


ROOF PLAN

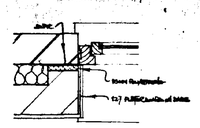
ROOF OVERHANG 0.85 SW. PART 4, 1985



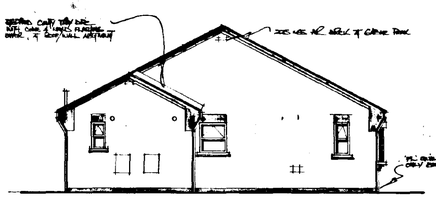
SECTION A-A



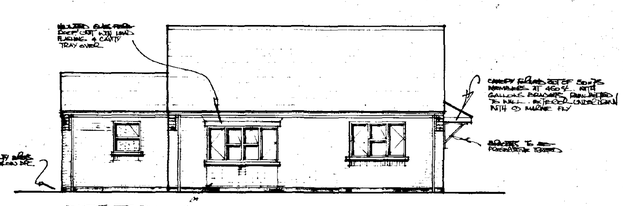
SECTION B-B



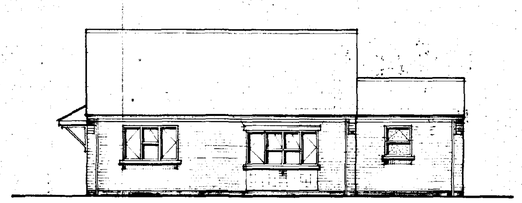
JAMB DETAIL



SIDE ELEVATION



FRONT ELEVATION



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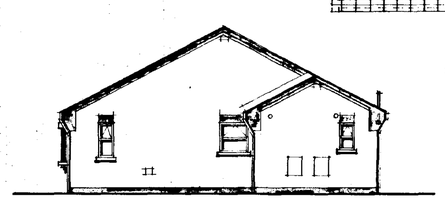
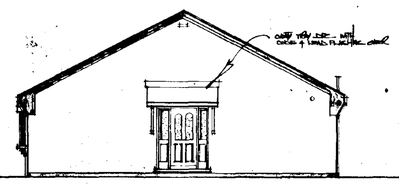


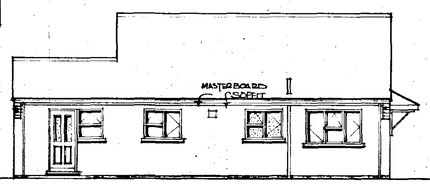
SIDE ELEVATION



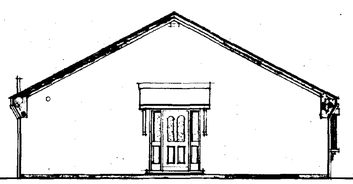
SIDE ELEVATION



REAR ELEVATION



REAR ELEVATION



SIDE ELEVATION

ALL DIMENSIONS IN MILLIMETRES

P. L. ELY (CONTRACTORS) LTD
BUILDERS & ESTATE DEVELOPERS
HIGH ROAD, WHAPLODE, SPALDING, LINCS

PROJECT
SUSSEX TYPE BUNGALOW
Plot 36 Station Road (East)
Long Sutton.

DRAWINGS

SCALES 1/50 1/100.

DESIGN/PLAN No 258/9

DATE Nov. 92.

DRAWN R.W.B.

SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF H259/94V

DETERMINED
PLAN

D/N. 244G.

PROPOSED STANDARD DETACHED GARAGES.

DETERMINED
PLAN

25° PITCH TWINRAFTE ROOF TRUSSES. IN ACCORDS WITH BS 5268 PT 3 1985 & APPROVED DOCUMENT A STRUCTURE REQUIREMENTS. MAX GOO CENTRES.
50 x 100 PLATES & CEILING BANTERS. 25 x 100 DIAGONAL BRACES & APEX BINDERS.
25 x 175mm P.S.E. FASCIA. 10 x 150 PLYWOOD SOFFITS. P.V.C. RAINWATER GOODS.

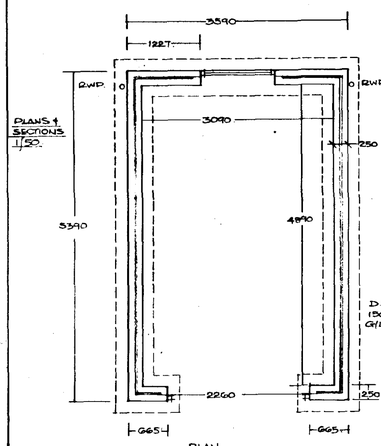
CAVITY WALLS 250 O/A OF 100 BRICK. 50 OPEN CAVITY & 100 L.B. CLINKER BLOCK. BELOW DPC: BRICKS. FL. QUALITY BLOCKS CLASS A - DENSE CONCRETE.
WALL TIES EVERY 900 HOR/ZONTALLY & 450 VERTICALLY (225 AT JAMBS.) VERTICAL DPC AT ALL OPENING REVEALS.

CONCRETE INTERLOCKING ROOF TILES ON REINFORCED FELT WITH 25 x 38 TREATED TILE BATTENS.
ALL STRUCTURAL TIMBERS TO BE SC3 GRADE.
BRICKS & TILES TO MATCH ADJACENT DWELLING.

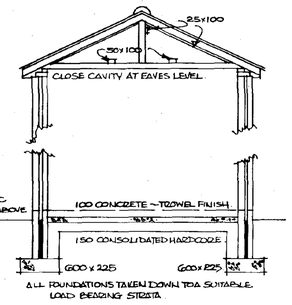
5 No Extra Plots Dunlin Drive
Long Sutton
Single Garage = Plots 33, 34 + 36.
Double = N/A.

SIDE WALL TO SIDE BOUNDARY
MIN 750
SEE SITE LAYOUT PLAN.

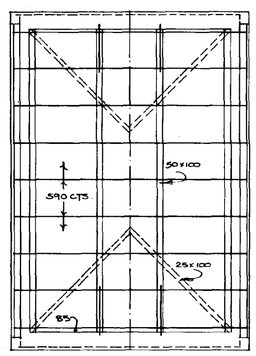
PLANS & SECTIONS 1/50.



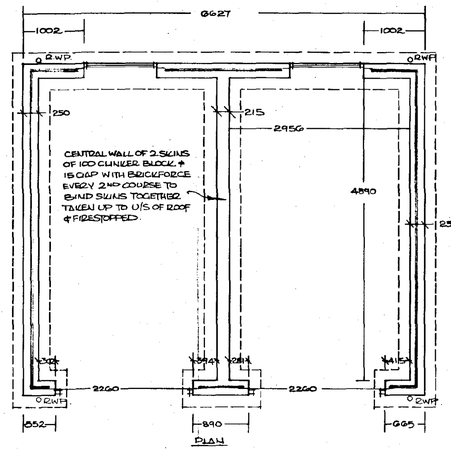
PLAN.



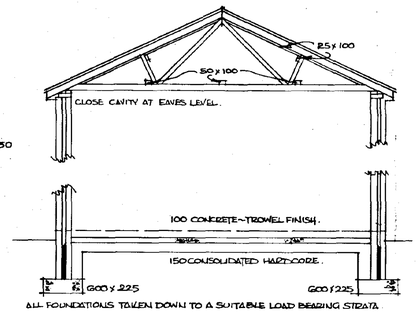
SECTION



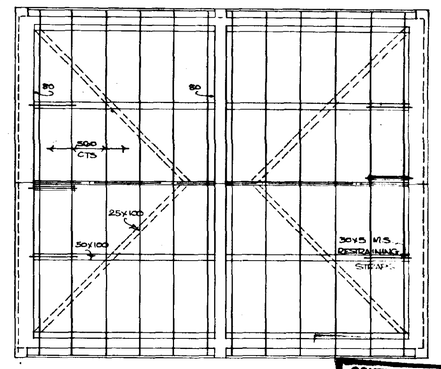
ROOF PLAN.



PLAN



SECTION



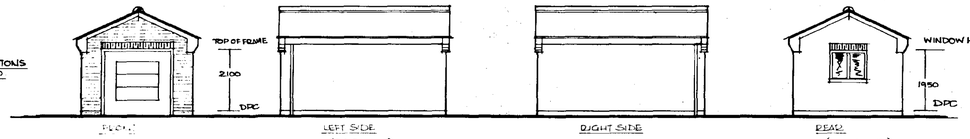
ROOF PLAN.

SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF. H059/94

SINGLE

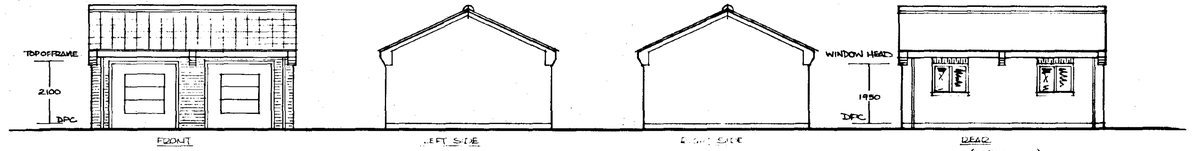
EACH GARAGE.
1 No OF 70 TONS
1 No 2100 C (CAT)
1 No 2134 x 2134 MERLIN U40 DOOR.
1 No 2100 UHG. LINTEL BY DOORMAN LOWE
1 No 1500 DLG. " " " "

ELEVATIONS 1/100



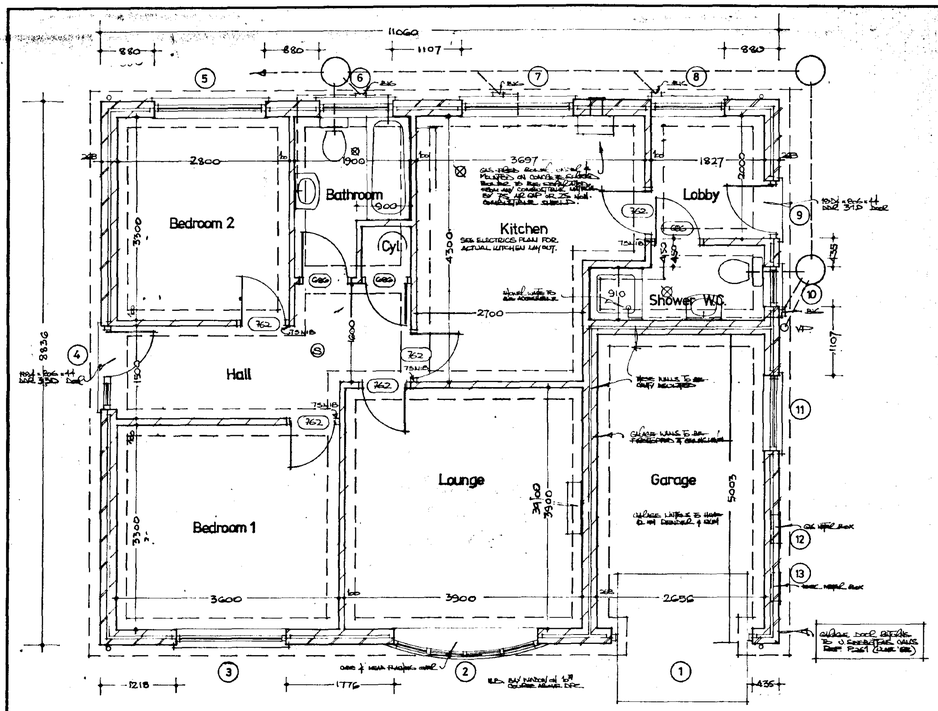
FRONT
LEFT SIDE (24 BRICKS)
RIGHT SIDE
REAR (16 BRICKS)

DOUBLE.

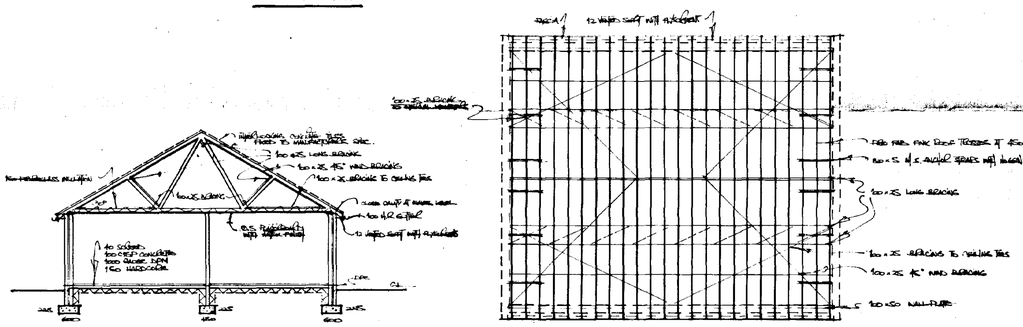


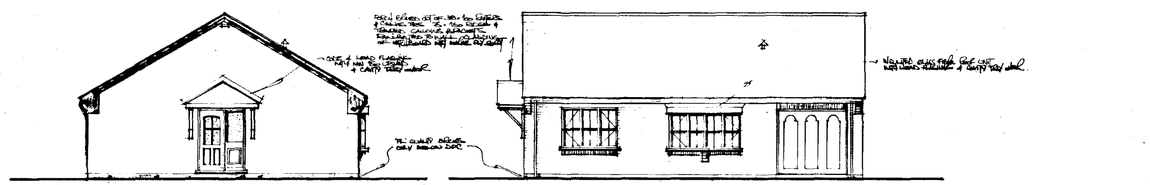
FRONT
LEFT SIDE (24 BRICKS)
RIGHT SIDE
REAR (29½ BRICKS)

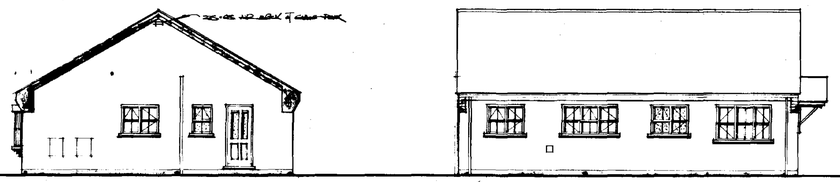
P.L. BAY (CONTRACTORS) LTD.



FLOOR PLAN (255)







DESIGN No 255

REF DETAILS OF FACING BRICKS & ROOF TILES BEFORE TO SITE PLAN

CONSTRUCTIONAL DETAILS

WALLS EXTERNAL WALLS OF 103 FACING BRICKS CAVITY INSULATED WITH 65 SHELL POLYSTYRENE BONDED BOARDS, INNER LEAF TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TWO COAT INTERNALLY. WALLS TO COMPLY WITH B.S. 5628: 1978 WITH MAX SPACINGS 900 HORIZONTALLY, 450 VERTICALLY. EVERY 225 BY JAMBS. ALL DOMAIN LOAD LINTELS INSULATED. ALL BLOCKS UP TO D.P.C. TO BE DENSE CONCRETE. INTERNAL WALLS TO BE 100 LYTAG THERMAL BLOCKS PLASTERED TO TWO COAT OR TO STUD PARTITION WITH SAMM FINISH. D.P.C. TO ALL DOOR & WINDOW OPENINGS & TO ALL WALLS MIN 150 ABOVE G.L. BEING CONTINUOUS WITH D.P.M. FILL CAVITY TO 150 BELOW D.P.C. WITH LEAN MIX CONCRETE. USE INSULATED CAVITY CLOSERS AT REVEALS & ASBESTOS CEMENT STRIP AT EAVES LEVEL TO AVOID THERMAL BRIDGING. ALL WORKS BELOW DPC TO BE OF ENGINEERING BRICK QUALITY.

ROOF MARLEY CONCRETE INTERLOCKING ROOF TILES WITH MIN 75 HEADLAP ON 38 x 25 TREATED S.W. BATTENS ON TYPE 1F ROOFING FELT HAVING 150 LAP IN EACH DIRECTION
35° PITCH PRE-FABRICATED TIMBER ROOF TRUSSES AT 450 CENTRES STRAPPED AT VERGES & CEILING LEVEL AT MAX 900 CENTRES WITH 30 x 5 M.S. ANCHOR STRAPS, 100 x 150 WALL PLATES. 100 x 75 BRACING & PURLIN ROOF ALL AS DRAWN. CONSTRUCTED TO B.S. 5268: PT 3: 1985
UPVC RAINWATER GOODS TO BE EQUIVALENT TO 100 H. GUTTER & 65 DIAM DOWNPIPE

FOUNDS. STRIP FOUNDATIONS OF C15P CONCRETE (OR C20P WHERE REINFORCEMENT USED) 600 x 225 UNDER CAVITY WALLS 1450 x 225 UNDER PARTITION WALLS. FOUNDATIONS TO BE TAKEN DOWN TO SUITABLE LOAD BEARING STRATA DETERMINED ON SITE WITH S.U.D.C. BUILDING INSPECTOR.

FLOORS. GROUND FLOOR TO BE 40 SAND/CEMENT SCREED ON 100 C15P CONCRETE SUB-FLOOR (OR C20P WHERE REINFORCED) ON HARDCORE POLYTHENE D.P.M. ON MIN 150 BLINDED & CONSOLIDATED HARDCORE

CEILINGS CEILINGS LINED WITH 9.5 THICK PLASTERBOARD WITH ARTEX FINISH. MIN 150 FIBREGLASS INSULATION TO ROOFSPACE. MIN 50 VENTILATION GAP ABOVE INSULATION AT EAVES. ROOF SPACE VENTILATED TO BS5250 PT2 REQUIREMENTS. EAVES VENTILATION TO BE EQUIVALENT TO A 10 CONTINUOUS GAP USING VENTILATING SOFFIT BOARDS & THALLOC EAVES VENTS. GARAGE CEILING LIMITED TO BE LINED WITH 2 LAYERS OF 9MM TE BOARD WITH STAGGERED JOINTS OR EQUIVALENT.

JOINERY WINDOWS TO BE FROM THE B & P STANDARD RANGE. ALL TO HAVE MIN 4000MM² TRICKLE VENTS & SEALED DOUBLE GLAZING UNITS (EXCEPT GARAGE). NATURAL VENTILATION AREA OF WINDOWS TO BE NOT LESS THAN 1/20 OF ROOM FLOOR AREA.
PILKINGTON 'K' GLASS TO ALL DOOR WINDOWS.

HEATING SPACE & WATER HEATING BY GAS FIRED BOILER WITH BALANCED FLUE. HOT WATER SYSTEM TO BE VENTED. HOT WATER STORAGE CYLINDER & ALL DISTRIBUTION PIPES TO BE INSULATED TO BS5 LI. SEC 3. ALL FLUES TO HAVE EXTERNAL GUARDS THERMOSTAT & TIME CONTROL TO BOILER & HOT WATER CYLINDER. IN ACCORDANCE WITH CODE L1. SEC 2.

WASTES BATH, SHAVER & SHOWER WASTES TO BE 40 BASIN WASTES TO BE 32. ALL TO HAVE 75 DEEP SEAL TRAPS & BOSSING EYES AT EACH CHANGE OF DIRECTION. AIR SEAL DISTANCE VALUES TO BE PROVIDED WHERE WASTE LENGTHS EXCEED 3000 (40 WASTES) & 1700 (32 WASTES).
100MM DIAM. VENT PIPES TO HAVE ACCESS PLATES AT BASES & DURABLE CAGES AT TERMINALS WHERE BIRD OR ANIMAL NUISANCE IS LIKELY.

DRAINS ALL DRAINS TO BE CONSTRUCTED IN 100 DIAM APPROVED PVC PIPES LAID IN STRAIGHT LINES TO SELF CLEANSING GRADIENTS (FOR 1 in 40 S.W. 1 in 100) WHERE PASSING UNDER IN EXTERNAL WALLS PIPES TO HAVE 12 C.C. LINTEL OVER & TO BE SUITABLY PROTECTED BY A RIGID CHAT WHICH OR WIRE REINF. FRAMES. ALL PIPES OCCASIONALLY TO HAVE 150 THICK PEA GRAVEL BED & SURROUND WHERE NOT UNDER A DRIVE & WHERE LESS THAN 600 COVER. PIPES TO BE PROTECTED BY PAVING SLABS PLACED ABOVE NOT LESS THAN 75 PEA GRAVEL. WHERE UNDER A DRIVE & WHERE LESS THAN 900 COVER PIPES TO BE PROTECTED IN REINFORCED CONCRETE BEDDED ABOVE NOT LESS THAN 75 PEA GRAVEL.
SURFACE WATER DRAINS TO HAVE BOSSING EYES AT EACH CHANGE OF DIRECTION. ALL GULLEYS TO BE ACCESSIBLE WHERE NO GRATE ALL BENDS, PIPES, MINOR FACTORS THROUGH WASTE.

I. Cs INSPECTION CHAMBERS NOT EXCEEDING 900 DEEP TO BE 450 DIAM. APPROVED PVC SET ON 150 THICK CONCRETE BASE. GRADE 'C' COVERS USED GENERALLY & GRADE 'B' WHERE ON A DRIVE SET ON 150 THICK CONCRETE PLINTH.

SOAKAWAYS ALL SURFACE WATER DRAINS TO DISCHARGE INTO MIN 1m³ PRECAST BUBBLE SOAKAWAYS SITED MIN 5M FROM ANY BUILDING

DRIVEWAY 50 (@ CLEAR) WASHED GRAVEL ON 100 COMPACTED HARDCORE BETWEEN CONCRETE PAVING SLABS ON LEAN MIX BASE.

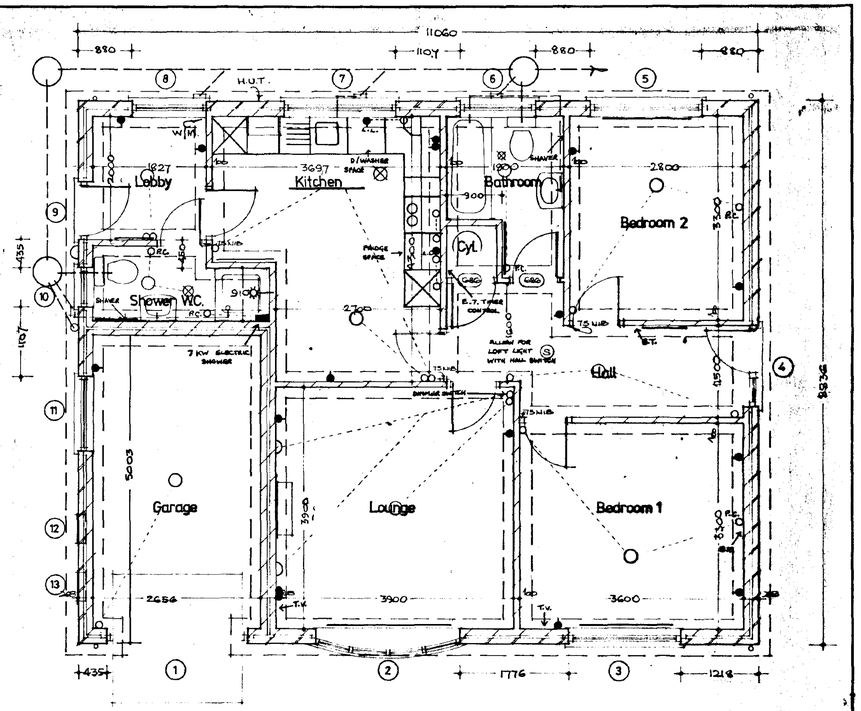
FOOTPATHS 50 CONCRETE PAVING SLABS SET ON HARDCORE & LEAN MIX.

MECH. VENT. RAPID VENTILATION EXTRACTOR FANS TO BE PROVIDED IN KITCHENS (MIN 60 LITRES PER SECOND) 15A 1 DOORS (MIN 15 LITRES PER SECOND) ALL DUCT WORK IN LOFT SPACE TO BE INSULATED. FANS TO BE EITHER (MFR'S DETAILS REQUIRED) IN CHOICE/NIC.

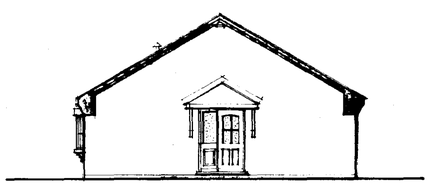
FAN DETAILS: KITCHEN CAFE 270 BATHROOM CAFE 240 SHOWER ROOM CAFE 240

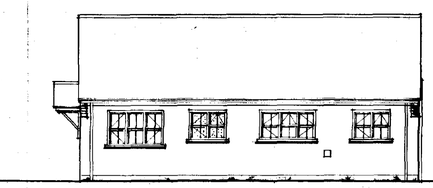
SMOKE ALARMS: PROVIDED AS INDICATED, MAINS OPERATED WITH SEPARATE FUSE, TO BS 5446 PT 1 & TO APPROVED DOCUMENT B1.

(S) GLAZING: ALL GLAZING TO BE TO APPROVED DOCUMENT N. ALL GLAZED AREAS BELOW 800 FROM FLOOR LEVEL, ALL DOORS & SIDELIGHTS TO BE IN TOUGHENED GLASS TO BS 6206 1981.

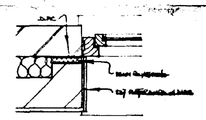


FLOOR PLAN (254)





DESIGN No 254



No	Quantity	255	254	Lintel	Length
1	OF JOIST	—	—	21	2700
2	CAVITY BAR	—	—	21	1
3	CAVITY	—	—	UL2	2400
4	1800 x 1350 F	4	4	UL1	1650
5	1800 x 600	—	4	UL2	2400
6	1200 CD	4	4	UL2	1800
7	1200 CDC	—	—	UL2	2400
8	1200 CD	8	8	UL2	1800
9	900	—	—	UL1	1200
10	1200 D	—	—	UL1	1650
11	1200 CD	4	4	UL1	1650
12	—	—	—	NIL	750
13	—	—	—	NIL	750

CAVITY CLOSURE (BOARD) TO BE CLEAR/C 1430/C 1412 (GARAGE)/C 1413 (HOUSE)/C 1412 C

ALL LINTELS INSTALLED TO MANUFACTURERS SPEC. (SEE TECH. INFORMATION)

SOUTH HOLLAND D.C.
PLAN DEPT.
03 NOV 1994
REF 1959/94

ALL DIMENSIONS IN MILLIMETRES

DETERMINED
PLAN

P. L. ELY (CONTRACTORS) LTD
BUILDERS & ESTATE DEVELOPERS
HIGH ROAD WHAPLODE SPALDING LINCS

PROJECT
ESSEX TYPE BUNGALOW
Plot 34 Station Road
(East) Long Sutton.

DRAWINGS:

SCALES: 1:50 + 1:100
DATE: Nov '93
DESIGN/PLAN No 254/5
DRAWN: PJ