PLANNING AMENDMENT

For office use only
Application No. H18/0518/95
Date Registered 08 SEP 1995
Case Officer TB

1. Please complete in block letters
NAME AND ADDRESS OF APPLICANT
MR C LAWRENCE
25 NENE MEADOWS
SUTTON BRIDGE
SPALDING
LINCS
Tel. No. —

NAME AND ADDRESS OF AGENT
(if form completed by agent)
J HARRALL ARCHITECTURAL SERVICES
2 POST OFFICE LANE
WISBECH
CAMBS PE13 1HG
Tel. No. (01945) 476000 (Contact) J. HARRALL

Please complete in block letters
FULL POSTAL ADDRESS OF THE APPLICATION SITE
25 NENE MEADOWS, SUTTON BRIDGE, SPALDING, LINCS

OFFICE COPY

Please complete
EARLIER APPLICATION No.
This application **cannot be considered** unless the relevant reference is stated
H18/0518/95

Building Regulation reference relating to same development
B18/0294/95/R1

2. Please tick **one** box only
A — Amendment is proposed where permission already granted. If yes, submit two forms and two plans. [ ]
or
B — Amendment is to a proposal currently being considered. If yes, submit four forms and four plans. [✓]

Has a similar amendment been submitted under Building Regulations? ~~Yes~~/No

Please complete
I attach the necessary plans and request that the changes described below be accepted as an amendment.
I understand that the Council may require a fresh application, together with fee if appropriate.
Signed J Harrall Date 06 SEPTEMBER 1995.

3. Please complete in block letters
FULL DESCRIPTION OF DEVELOPMENT IN ORIGINAL APPLICATION
TWO STOREY EXTENSION AND CAR PORT.

State details of amendments proposed
(Give a full detailed list of the changes, and also mark these clearly on the accompanying plans)
REVISION OF OVERHANGING BARGE BOARD DETAIL & THE INTRODUCTION OF A POINTED VERGE.

State drawing no's of the current submission
186/01

Has this amendment been requested by the Council? (If so, state Officer dealing with the application)
YES
MR J BLACKLOCK

Describe any part of the original development which is excluded by virtue of the amendment, and state any alteration to plot numbers
N/A.

MRS SALLY WALTHAM BA (Hons) F.C.I.H. Director of Housing & Planning Services

Housing & Planning Services Department
Council Offices,
Priory Road, Spalding,
Lincolnshire. PE11 2XE

Telephone: (01775) 761161
Fax: (01775) 710772

FILE COPY

SOUTH HOLLAND DISTRICT COUNCIL
HOUSING & PLANNING SERVICES DEPARTMENT

Application no: H18/0518/95

Applicant: Mr C Lawrence
25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Agent: J Harrall
Architectural Services
2 Post Office Lane
Wisbech
Cambs, PE13 1HG

Description: Two storey extension and car port

Location: 25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Amendment: Reduction of overhanging barge board detail & introduction of pointed verge (drawing number 186/01)

15-SEP-95

Dear Sir/Madam

TOWN AND COUNTRY PLANNING ACT 1990
NOTICE OF ACCEPTANCE OF AMENDMENT

The amended details submitted in respect of the above proposal have now been considered, and I am able to inform you that the changes are able to be incorporated into application, which will now be considered only in its amended form. You are reminded that revision may also be needed to any submission made under the Building Regulations.

In view of the need to repeat certain procedures as a result of the amendment, the terminal date for the Authority to determine the application will now be extended to 03-NOV-95, based on the date of receipt of the amendment, and your rights of appeal remain as explained on the original acknowledgement. It will not necessarily take that length of time to reach a decision of course.

If you do not agree to this extension of time and wish instead to have your application dealt with more quickly but on the basis of the original submission, please let me know in writing within the next 5 days.

Yours faithfully S. Waltham

Director of Housing and Planning Services

H18/0518/95

AMENDMENT RECORD SHEET – LIVE APPLICATION

Admin

Validation:

Inadequate/Inappropriate ☐

Clarification/Details required:

Appears valid ☑ EL

Registered 12-SEP-95 JAC

Terminal date/committee updated ..... ✓ 15/9 3/4/96

DC Procedural Assessment

Is the information given correct? Yes/~~No~~ (If No, state above what details are needed)

Has this amendment been requested? Yes/~~No~~ *

If Yes, is it what was asked for? Yes/~~No~~ *

Who do you need to reconsult as a result of this amendment? PC ✓ None ☐

WM ✓

Press

Residents → A Mr + Mrs PEARSS 23 NENE MEADOWS SUTTON BRIDGE SPALDING

Other –

Is it an amendment in principle? Yes/No

Is it the same character/description for fee purposes? Yes/No (Refer to Admin ?) *

If No, but Yes to (*) requested :–

Do development objectives outweigh financial objectives? Yes/No Confirmed.....

REJECTED as an amendment – new application needed

Confirmed: .....

Notes/Advice/Rejection Reason:

☐ Tick if you wish this note to be a paragraph in the Rejection Notice

AUTHORISED to treat as amendment

Confirmed: .....

Superseded details removed ☑

Give a revised description if the details accepted are different to the submission:

Acceptance issued: ✓ 15/9

Public register updated:

DC Professional Assessment

NOTES:

ARCHITECTURAL SERVICES

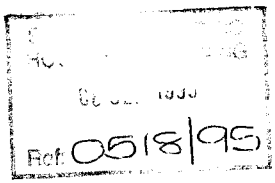
JERRY HARRALL DIP/ARCH

Job 186

6 September 1995

FOR THE ATTENTION OF MR J BLACKLOCK

Housing and Planning Services Department
South Holland District Council
Council Offices
Priory Road
SPALDING
Lincs PE11 2XE



Dear Sir

RE: TWO STOREY EXTENSION AND CARPORT, 25 NENE MEADWOS, SUTTON BRIDGE - REF: H18/0518/95

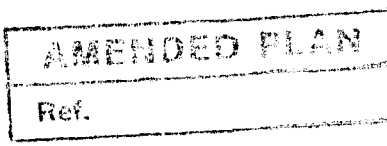
Following your recent discussions with this Practice, please find enclosed a Planning Amendment application form together with four copies of drawing 186/01B. Also enclosed is a copy of the Notice served on our clients neighbour, Mr Portass.

We trust this meets with your approval but should you have any further queries please do not hesitate to contact us.

Yours faithfully

J HARRALL ARCHITECTURAL SERVICES

Encs



2 Post Office Lane,
Wisbech, Cambs.
PE13 1HG
Tel/Fax:
(01945) 476800

PLANNING AMENDMENT

For office use only

Application No. H18/0518/95/1

Date Registered ~~7 JAN 1996~~ 5 Feb 96

Case Officer JBS

1. Please complete in block letters

NAME AND ADDRESS OF APPLICANT

C LAWRENCE
25 NENE MEADOWS
SUTTON BRIDGE
SPALDING LINCS

Tel. No. 01406 351012

NAME AND ADDRESS OF AGENT
(if form completed by agent)

Tel. No. (Contact)

Please complete in block letters

FULL POSTAL ADDRESS OF THE APPLICATION SITE

25 NENE MEADOWS SUTTON BRIDGE
SPALDING LINCS

Please complete

APPLICATION No.

This amendment **cannot be considered** unless the relevant reference is stated

186/01 A H18/0518/95

Building Regulation reference relating to same development (if any)

2. Please tick **one** box only

A — Amendment is proposed where permission already granted [-]
If yes, submit two forms and two plans.

or

B — Amendment is to a proposal currently being considered [ ]
If yes, submit four forms and four plans.

Please complete

I attach the necessary plans and request that the changes described below be accepted as an amendment. I understand that the Council may require a fresh application, together with fee if appropriate. If the amendment relates to a current application, I agree to an extension of the terminal date.

Signed ..... Date 30/4/96

3. Please complete in block letters

FULL DESCRIPTION OF DEVELOPMENT IN ORIGINAL APPLICATION

TWO STOREY EXTENTION & CONSERVATORY

State details of amendments proposed

(Give a full detailed list of the changes, and also mark these clearly on the accompanying plans. Only the changes listed here will be considered.)

TO BRICK IN FOOTINGS 6" ON BOUNDARY

State drawing no's of the current submission

186/01 A

Has this amendment been requested by the Council? (If so, state Officer dealing with the application)

~~YES~~ / NO

Describe any part of the original development which is excluded by virtue of the amendment, and state any alteration to plot numbers

Has a similar amendment been submitted under Building Regulations? ~~Yes~~ / No

MRS SALLY WALTHAM BA (Hons) FC.I.H. Director of Housing & Planning Services

Housing & Planning Services Department
Council Offices,
Priory Road, Spalding,
Lincolnshire. PE11 2XE

Telephone: (01775) 761161
Fax: (01775) 710772

SOUTH HOLLAND DISTRICT COUNCIL
HOUSING & PLANNING SERVICES DEPARTMENT

Application no: H18/0518/95

Applicant: Mr C Lawrence
25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Agent: J Harrall
Architectural Services
2 Post Office Lane
Wisbech
Cambs, PE13 1HG

Description: Two storey extension and car port

Location: 25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Amendment: Bring in footings 6" on boundary (drawing number 186/01A)

08-MAY-96

Dear Sir/Madam

TOWN AND COUNTRY PLANNING ACT 1990
NOTICE OF ACCEPTANCE OF AMENDMENT

The amended details submitted in respect of the above proposal have now been considered, and I am able to inform you that there are no objections to the amendment being implemented to the extent described above.

Note: This Notice does not convey any approval under the Building Regulations and you may need to make a new submission.

Yours faithfully

Director of Housing and Planning Services

C Lawrence
25 Nene Meadows
Sutton Bridge
Spalding Lincs

AMENDMENT RECORD SHEET - POST DECISION

Admin

Validation:

Inadequate/Inappropriate ☐

Clarification/Details required:

Appears valid ☐ KL

Registered 2.12.25

DC Procedural Assessment

Is the information given correct? Yes/~~No~~ (If No, state above what details are needed)

Is it an amendment in principle? Immaterial/~~Needs new app~~

Confirmed: 10.8.15/16

Give a revised description if the details accepted are different to the submission:

Acceptance issued:

PLANNING AMENDMENT

For office use only
Application No. H18/0518/95
Date Registered 01 APR 1996
Case Officer

1. Please complete in block letters
NAME AND ADDRESS OF APPLICANT

MR C LAWRENCE
25 NEWE MEADOWS
SUTTON BRIDGE
SPALDING LINCS
PE12 9TY
Tel. No. 01406 351012

NAME AND ADDRESS OF AGENT
(if form completed by agent)

Tel. No. (Contact)

Please complete in block letters
FULL POSTAL ADDRESS OF THE APPLICATION SITE
25 NEWE MEADOWS SUTTON BRIDGE
SPALDING LINCS PE12 9TY

Please complete
APPLICATION No.
This amendment **cannot be considered** unless the relevant reference is stated

H18/0518/95

Building Regulation reference relating to same development (if any)

2. Please tick **one** box only

A — Amendment is proposed where permission already granted [✓]
If yes, submit two forms and two plans.

or

B — Amendment is to a proposal currently being considered [ ]
If yes, submit four forms and four plans.

Please complete
I attach the necessary plans and request that the changes described below be accepted as an amendment. I understand that the Council may require a fresh application, together with fee if appropriate. If the amendment relates to a current application, I agree to an extension of the terminal date.

Signed ..... Date 1.4.96

3. Please complete in block letters
FULL DESCRIPTION OF DEVELOPMENT IN ORIGINAL APPLICATION

TWO STOREY EXTENSION CARPORT UTILITY ROOM & BED ROOM ABOVE

State details of amendments proposed

(Give a full detailed list of the changes, and also mark these clearly on the accompanying plans. Only the changes listed here will be considered.)

MOVE OVER FOOTINGS SIX INCHES AND BUILD ON EDGE OF FOOTINGS AS NEXT DOOR WILL NOT GET ~~US~~ ME 90 SIX INCHES ON TO HIS PROPERTY

State drawing no's of the current submission

Has this amendment been requested by the Council? (If so, state Officer dealing with the application)

~~YES~~ / NO

Describe any part of the original development which is excluded by virtue of the amendment, and state any alteration to plot numbers

Has a similar amendment been submitted under Building Regulations? Yes / No

MRS SALLY WALTHAM BA (Hons) F.C.I.H. Director of Housing & Planning Services

Housing & Planning Services Department
Council Offices,
Priory Road, Spalding,
Lincolnshire. PE11 2XE

Telephone: (01775) 761161
Fax: (01775) 710772

FILE COPY

SOUTH HOLLAND DISTRICT COUNCIL
HOUSING & PLANNING SERVICES DEPARTMENT

Application no: H18/0518/95

Applicant: Mr C Lawrence
25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Agent: J Harrall
Architectural Services
2 Post Office Lane
Wisbech
Cambs, PE13 1HG

Description: Two storey extension and car port

Location: 25 Nene Meadows
Sutton Bridge
Spalding
Lincs

Amendment: Footings to be moved over 6" and building off edge (Drawing No. 186/01'c')

12-APR-96

Dear Sir/Madam

TOWN AND COUNTRY PLANNING ACT 1990
NOTICE OF ACCEPTANCE OF AMENDMENT

The amended details submitted in respect of the above proposal have now been considered, and I am able to inform you that there are no objections to the amendment being implemented to the extent described above.

Note: This Notice does not convey any approval under the Building Regulations and you may need to make a new submission.

Yours faithfully

Director of Housing and Planning Services

AMENDMENT RECORD SHEET – POST DECISION

Admin

Validation:

Inadequate/Inappropriate ☐

Clarification/Details required:

Appears valid ☑ KL

Registered 17.2.4-96

DC Procedural Assessment

Is the information given correct? Yes/~~No~~ (If No, state above what details are needed)

Is it an amendment in principle? Immaterial/~~Needs new app~~

Confirmed: 19/4/96

Give a revised description if the details accepted are different to the submission:

Acceptance issued:

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers
113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

AMENDED PLANS
Ref.

Ref. SC-17
Page 1
Date 1 April 96
By

STANDARD LOADINGS

0518/95

		OUTPUT Dead kN/sq.m.	Live kN/sq.m.	Total kN/sq.m.
Pitch Roofs :-				
Tiles	= 0.60 kN/sq.m.			
Battens + Felt	= 0.10 kN/sq.m.			
Rafters	= 0.15 kN/sq.m.			
	0.85 kN/sq.m.	0.85	0.75	1.60
Roof Space :-				
Joists + Insulation	= 0.15 kN/sq.m.			
Soffit	= 0.15 kN/sq.m.			
	0.30 kN/sq.m.	0.30	0.25	0.55
	Total Roof + Space	1.15	1.00	2.15
Flat Roofs :-				
Chippings + Felt	= 0.35 kN/sq.m.			
Boards + Joists + Firrings	= 0.30 kN/sq.m.			
Soffit + Insulation	= 0.15 kN/sq.m.			
	0.80 kN/sq.m.	0.80	0.75	1.55
Timber Floors :-				
Boards + Joists	= 0.35 kN/sq.m.			
Soffit	= 0.15 kN/sq.m.			
	0.50 kN/sq.m.	0.50	1.50	2.00
Partitions	= 1.00 kN/sq.m.	1.50	.50	3.00
Walls :-				
Timber Stud Internal :				
Plasterboard = 0.15 kN/sq.m.	Lath + Plaster = 0.25 kN/sq.m.			
Studs = 0.10 kN/sq.m.	Studs = 0.10 kN/sq.m.			
Plasterboard = 0.15 kN/sq.m.	Lath + Plaster = 0.25 kN/sq.m.	0.40	-	0.40
0.40 kN/sq.m.	0.60 kN/sq.p.	0.60	-	0.60
Timber Stud External :				
Tiles	= 0.55 kN/sq.m.			
Battens + Felt + Insulation	= 0.10 kN/sq.m.			
Studs	= 0.10 kN/sq/m/			
Plasterboard	= 0.15 kN/sq.m.			
	0.90 kN/sq.m.	0.90	-	0.90
Brick & Blockwork :				
Brick 102mm	= 2.00 kN/sq.m.			
Block 100mm	= 1.00 kN/sq.m. Cavity			
Plaster (one face)	= 0.30 kN/sq.m. Construction			
	3.30 kN/sq.m.	3.30	-	3.30
Brick 102mm	= 2.00 kN.sq.m.			
Plaster (two face)	= 0.50 kN/sq.m.			
	2.50 kN/sq.m.	2.50	-	2.50
Brick 215mm	= 4.20 kN/sq.m. Solid			
Plaster (two face)	= 0.50 kN/sq.m. Construction			
	4.70 kN/sq.m.	4.70	-	4.70
Brick 330mm	= 6.50 kN/sq.m.			
Plaster (two face)	= 0.50 kN/sq.m.			
	7.00 kN/sq.m.	7.00	-	7.00

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

Ref. 96-17
Page 2
Date 11 March 96
By

CALCULATIONS

0518/96

DESIGN OF SLAB FOUNDATION
TO PROPOSED TWO STOREY EXTENSION
NENE MEADOWS
SUTTON BRIDGE
MR. LAWRENCE.

AMENDED PLAN
D.C.

LOADING.

Roof Loading = 1.00 kN/m² D.L.
1.15 kN/m² L.L.

Wall Loading $= \left\{(8.1 \times 5.0) + (5.0 \times 5.0)\right\} \times 3.3$

$= 220$ kN.

Extra for gable $= \frac{8.1 \times 2.0}{2} \times 3.3$

$= 26$ kN

Floor Loading :- 1st Floor = 0.5kN/m² D.L.
1.5kN/m² L.L.

GROUND FLOOR = 1.5kN/m² LL. (utility)
2.5kN/m² LL (garage)

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

Ref. 96-17
Page 3
Date Nov 96
By

AMENDED PLAN

CALCULATIONS

CENTERTM

Utilize ground floor slab with thickening below walls as the foundation to the property in order to reduce excavation and disturbance on the boundary line and also to spread the loadings over the whole ground floor area reducing any pressure on the existing drainage pipe in the location.

Area of Slab = 8.10 × 2.5

= 20.25 m²

Total load = 4.0 kN/m² L.L

Ref 0518/1618

$\frac{220}{20.25}$ + 1.65 = 12.5 kN/m² D.L

Total Ground Pressure = 16.5 kN/m²

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

Ref. 96-17
Page 4
Date March 96
By

AMENDED PLAN
B.C.

CALCULATIONS

$n = 1.6 \times 4.0 + 1.4 \times 12.5 = 24 kN/m^2$

For top reinforcement in slab design slab as angle spanning between edge stiffening beams

Assume 150mm thick slab.

Span of slab c/c of beams = 2100

$$M_{max} = \frac{24 \times 2.1^2}{10} = 10.6 kNm$$

$$K = \frac{10.6 \times 10^6}{30 \times 1000 \times 110^2} = 0.03$$

$d = 0.95d = 104 mm$

$$A_s = \frac{10.6 \times 10^6}{0.87 \times 460 \times 104} = 254 mm^2$$

0578/95

∴ Provide A252 MESH IN TOP OF SLAB.

BY INSPECTION PROVIDE SAME IN BOTTOM.

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

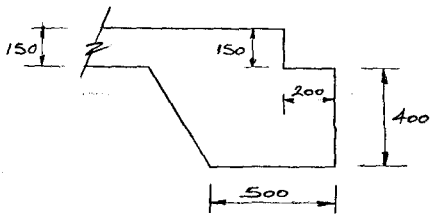
113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

Ref. 96-17
Page 5
Date Nov 96
By

AMENDED PLAN

CALCULATIONS

For edge beams provide stiffening to slab by thickening at edges as at a.a.



05/8/95

Edge beam is effectively 500 × 400 fully supported along its length

Min Area of reinforcement required

$= 0.13\%$ of c.s.a.

Therefore $A_s = \frac{0.13}{100} \times 500 \times 400$

$= 260 mm^2$

∴ Provide 3 strands of A252 mesh in bottom of beam with bottom mesh of slab bent down into beam.

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

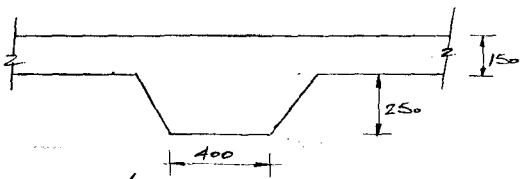
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Tel. 0945 476125

Ref. 96-17
Page 6
Date March 96
By

APPROVED PLAN
B.C.

CALCULATIONS

Stiffening beam across slab under wall between garage and Utility Room



Beam is effectively 400 x 250

$$A_{s\,min} = \frac{0.13}{100} \times 400 \times 250$$

$$= 130\ mm^2$$

∴ Provide A252 mesh bent into bottom of beam and tied to bottom layer of mesh in slab

0518/015

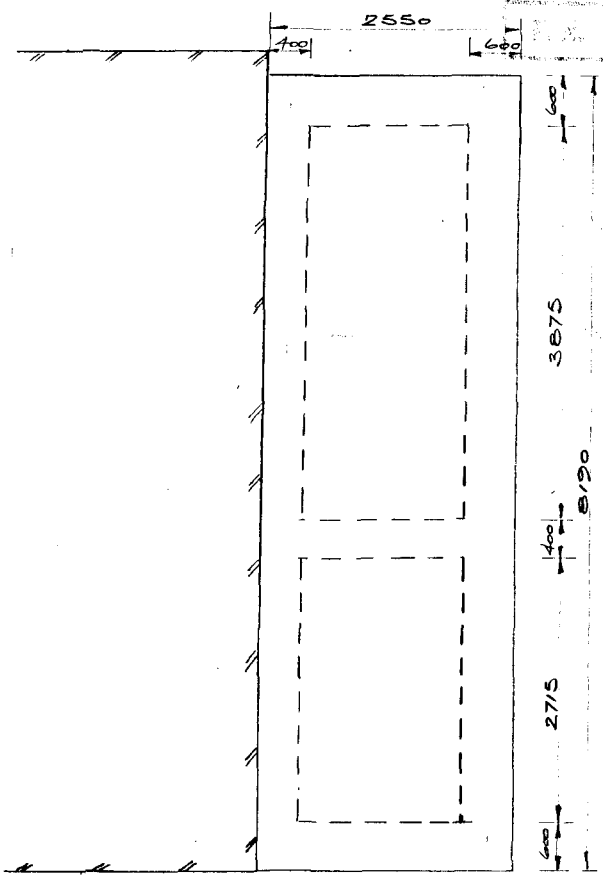
Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

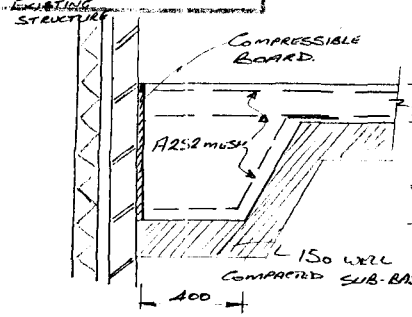
113 Norfolk Street, Wisbech, Cambs. PE13 2LD
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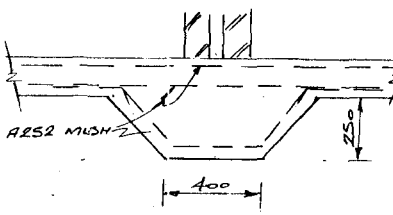
0518/95

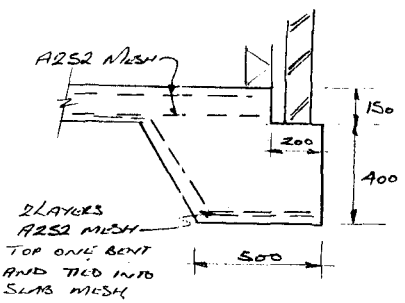
Ref. 96-17
Page 7
Date March 96
By

AMENDED PLAN



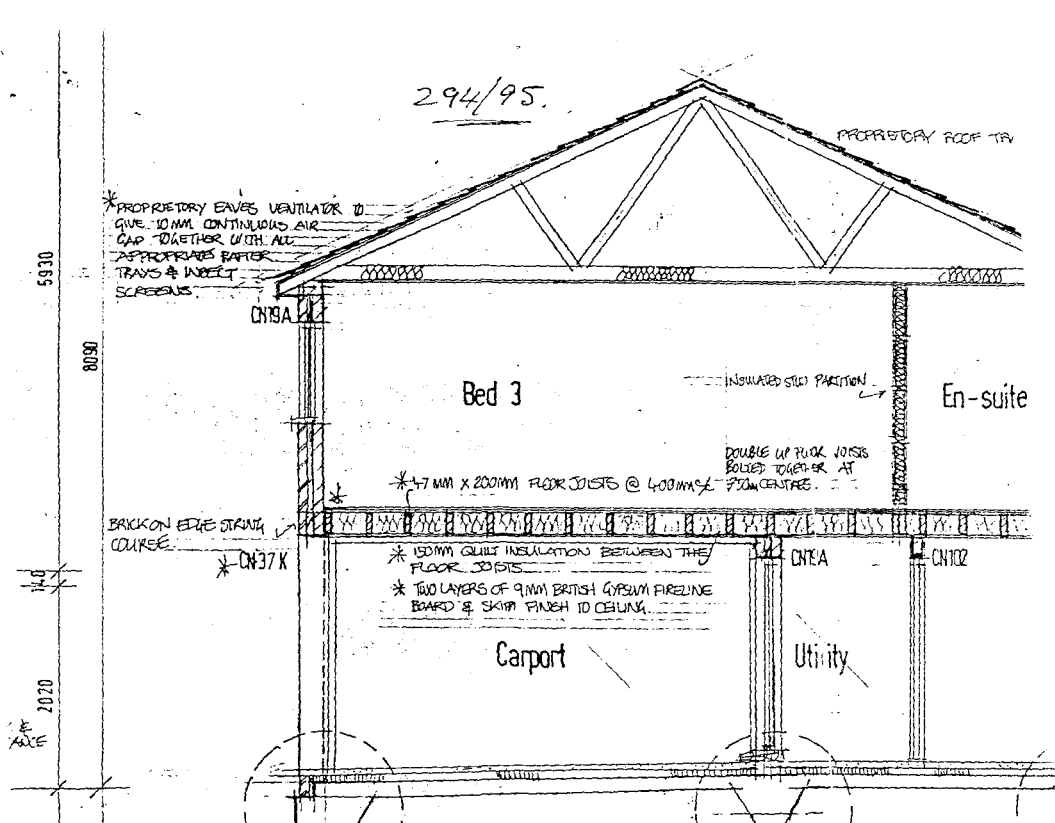






1. A252 MESH TOP AND BOTTOM THROUGHOUT.

MINIMUM 150 THICK WELL COMPACTED SUB-BASE UNDER WHOLE AREA OF SLAB.



Section A-A .1:50.

at either
ed mild
s or 3.35
at max

ong the
3 No.
in the
rs and

dicated
h door
0 mm

WINDOWS AND DOORS

All new external joinery to be Boulten and Paul manufactured double glazed units, opening casements to be as detailed on the drawings. Softwood Vac-Vac treated frames and casements with hardwood cills. Doors to include weather bar and draft seals. All new joinery to incorporate trickle ventilators and security locks to windows.

CRITICAL GLAZING LOCATIONS

All glass below 800 mm above finished floor level to be safety glass. In addition, install safety glass below 1500 mm above finished floor level in doors and within 300 mm either side of the doors.

FLASHINGS

Provide Code 4 stepped lead flashings where new roof abuts brickwork gable. Flashings to be folded into existing mortar joints including all necessary wedges. Repoint to match existing.

* CENTRAL HEATING

The existing gas central heating system is to be extended to include

* DOMESTIC HOT WATER

The hot water supply to the W.C. han
an extension to the existing domestic
will be insulated where they enter into

PLUMBING

All plumbing to be to BS5572: 1978 an

Basin 32 mm dia waste with 75 mm d
Sink and bath 40 mm dia waste with 7
W.C . 75 mm dia waste with 75 mm

Plumbing runs to have 1.5° gradient
soil and vent pipe where indicated on
mm above highest opening into the
proof cage. Include connection bos
access eye above highest connection.
individual runs exceed that permiss
changes in direction. Insert sealed roo
plan.

PIPE WORK

All pipes, except those visible in th
lagged using insulation mat

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers
113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

AMENDED PLANS
Ref.

Ref. SC-17
Page 1
Date March 96
By

SU... HOU...
01 APR 1996
Ref: 0518/95

STANDARD LOADINGS

		OUTPUT Dead kN/sq.m.	Live kN/sq.m.	Total kN/sq.m.
Pitch Roofs :-				
Tiles	= 0.50 kN/sq.m.			
Battens + Felt	= 0.10 kN/sq.m.			
Rafters	= 0.15 kN/sq.m.			
	0.85 kN/sq.m.	0.85	0.75	1.60
Roof Space :-				
Joists + Insulation	= 0.15 kN/sq.m.			
Soffit	= 0.15 kN/sq.m.			
	0.30 kN/sq.m.	0.30	0.25	0.50
	Total Roof + Space	1.15	1.00	2.15
Flat Roofs :-				
Chippings + Felt	= 0.35 kN/sq.m.			
Boards + Joists + Firrings	= 0.30 kN/sq.m.			
Soffit + Insulation	= 0.15 kN/sq.m.			
	0.80 kN/sq.m.	0.80	0.75	1.50
Timber Floors :-				
Boards + Joists	= 0.35 kN/sq.m.			
Soffit	= 0.15 kN/sq.m.			
	0.50 kN/sq.m.	0.50	.50	2.00
Partitions	= 1.00 kN/sq.m.	1.50	1.50	3.00

Walls :-

Timber Stud Internal :

Plasterboard	= 0.15 kN/sq.m.	Lath + Plaster	= 0.25 kN/sq.m.		
Studs	= 0.10 kN/sq.m.	Studs	= 0.10 kN/sq.m.		
Plasterboard	= 0.15 kN/sq.m.	Lath + Plaster	= 0.25 kN/sq.m.	0.40	- 0.40
	0.40 kN/sq.m.		0.60 kN/sq.p.	0.60	- 0.60

Timber Stud Rxternal :

Tiles	= 0.55 kN/sq.m.			
Battens + Felt + Insulation	= 0.10 kN/sq.m.			
Studs	= 0.10 kN/sq/m/			
Plasterboard	= 0.15 kN/sq.m.			
	0.70 kN/sq.m.	0.70	-	0.70

Brick & Blockwork :

Brick 102mm	= 2.00 kN/sq.m.			
Block 100mm	= 1.00 kN/sq.m.	Cavity		
Plaster (one face)	= 0.30 kN/sq.m.	Construction		
	3.30 kN/sq.m.	3.30	-	3.30
Brick 102mm	= 2.00 kN.sq.m.			
Plaster (two face)	= 0.50 kN/sq.m.			
	2.50 kN/sq.m.	2.50	-	2.50
Brick 215mm	= 4.20 kN/sq.m.	Solid		
Plaster (two face)	= 0.50 kN/sq.m.	Construction		
	4.70 kN/sq.m.	4.70	-	4.70
Brick 330mm	= 6.50 kN/sq.m.			
Plaster (two face)	= 0.50 kN/sq.m.			
	7.00 kN/sq.m.	7.00	-	7.00

Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

113 Norfolk Street, Wisbech, Cambs. PE13 2LD
Tel. 0945 476125

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Date March 96
By

SOU... DC
HOL... ...NG
01 APR 1996
Ref: 0518/96

CALCULATIONS

DESIGN OF SLAB FOUNDATIONS
TO PROPOSED TWO STOREY EXTENSION
NENE MEADOWS
SUTTON BRIDGE
MR. LAWRENCE.

AMENDED PLAN
Ref.

LOADING.

Roof Loading = 1.00 kN/m² D.L
1.15 kN/m² L.L.

Wall Loading $= \left\{(8.1 \times 5.0) + (5.0 \times 5.0)\right\} \times 3.3$

$= 220\,kN$

Extra for gable $= \frac{8.1 \times 2.0}{2} \times 3.3$

$= 26\,kN$

Floor Loading :- 1st Floor = 0.5kN/m² D.L
1.5kN/m² L.L.

Ground floor = 1.5kN/m² LL. (utility)
2.5kN/m² L.L. (garage)

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AMENDED PLAN

CALCULATIONS

CRITERIA

Utilise ground floor slab with thickening below walls as the foundation to the property in order to reduce excavation and disturbance on the boundary line and also to spread the loadings over the whole ground floor area reducing any pressure on the existing drainage pipe in the location.

Area of Slab = 8.10 × 2.5

= 20.25 m²

SOUTH CAMBRIDGESHIRE DISTRICT COUNCIL HOUSING
01 APR 1996
Ref: 0518/96

Total load = 4.0 kN/m² L.L

$\frac{220}{20.25}$ + 1.65 = 12.5 kN/m² D.L

Total Ground Pressure = 16.5 kN/m²

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AMENDED PLAN
Ref.

CALCULATIONS

$n = 1.6 \times 4.0 + 1.4 \times 12.5 = 24 kN/m^2$

For top reinforcement in slab design slab as single spanning between edge stiffening beams

Assume 150mm thick slab.

Span of slab c/c of beams = 2100

$M_{max} = \frac{24 \times 2.1^2}{10} = 10.6 kNm$

$K = \frac{10.6 \times 10^6}{30 \times 1000 \times 110^2} = 0.03$

$d = 0.95d = 104 mm$

$A_s = \frac{10.6 \times 10^6}{0.87 \times 460 \times 104} = 254 mm^2$

∴ Provide A252 mesh in top of slab.

By inspection provide same in bottom.

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Associates
Murray & Fraulo
Consulting Civil and Structural Engineers

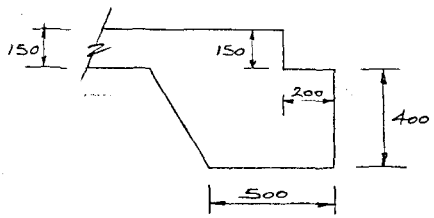
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Ref.

CALCULATIONS

For edge beams provide stiffening to slab by thickening at edges as beam



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...1 ...R 1996
Ref: 0518/95

Edge beam is effectively 500 × 400 fully supported along its length

Min Area of reinforcement required
= 0.13% of c.s.

Therefore $A_s = \frac{0.13}{100} \times 500 \times 400$

$= 260\ mm^2$

∴ Provide 3 strands of A252 mesh in bottom of beam with bottom mesh of slab bent down into beam.

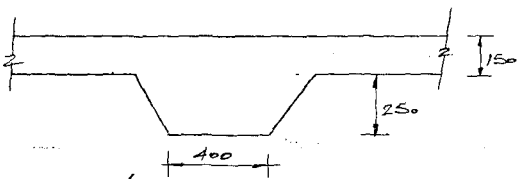
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By

AMENDED PLAN
CALCULATIONS
Ref.

Stiffening beam across slab under wall between garage and Utility Room



Beam is effectively 400 × 250

$$A_{s\,min} = \frac{0.13}{100} \times 400 \times 250$$

$$= 130\,mm^2$$

∴ Provide A252 mesh bent in to bottom of beam and tied to bottom layer of mesh in slab

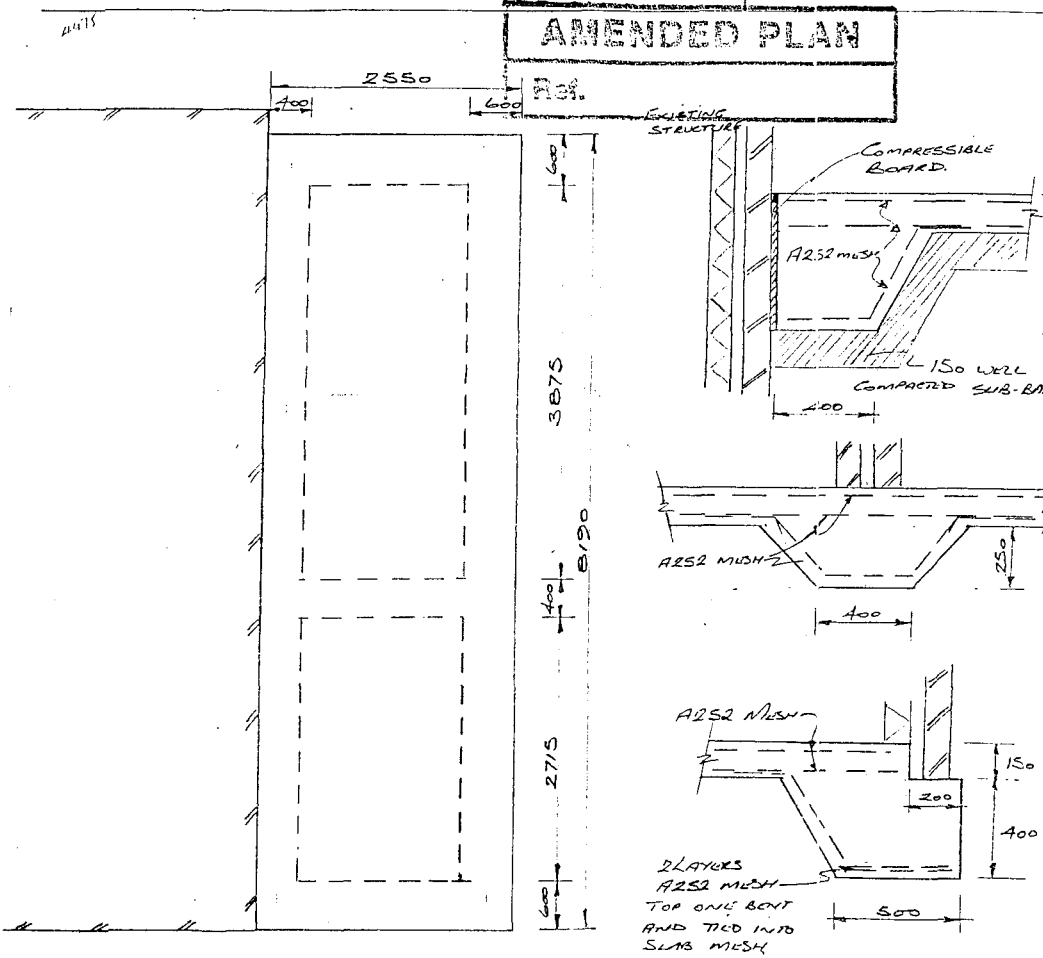
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01 Apr 1996
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Tel. 0945 476125

DO
Ref. 96-17
Page 7
Date March 96
By

Ref: 0518/015

AMENDED PLAN
Ref.



A252 MESH TOP AND BOTTOM THROUGHOUT.

MINIMUM 150 THICK WELL COMPACTED SUB-BASE UNDER WHOLE AREA OF SLAB.

MRS SALLY WALTHAM BA (Hons) F.C.I.H. Director of Housing & Planning Services

Housing & Planning Services Department
Council Offices,
Priory Road, Spalding,
Lincolnshire. PE11 2XE

Telephone: (01775) 761161
Fax: (01775) 710772

FILE COPY

SOUTH HOLLAND DISTRICT COUNCIL
HOUSING & PLANNING SERVICES DEPARTMENT

Application No: H18/0848/89 Date Received: 06-JUN-89

Applicant: Mr G Lawrence
25 Nene Meadows
Sutton Bridge
Spalding
Lincolnshire

Agent: J Harrall
2 Post Office Lane
Wisbech
Cambridgeshire
PE13 1HG

Description of Original Development: Two storey and car port extension

Location: 25 Nene Meadows, Sutton Bridge

Amendment Submitted: Enlarge proposed extension

24 April 1995

Dear Sir/Madam

AMENDMENT TO PROPOSAL

I acknowledge receipt of your proposed amendment to the above proposal. Unfortunately, it is not clear exactly what your intention is regarding the amendment.

Please complete the enclosed forms.

Only when these details are provided can the Authority determine whether or not the changes can be accepted as an amendment, and a fresh application may still be required.

Yours faithfully

Director of Planning and Building Control Services

amd. 4

MRS SALLY WALTHAM BA (Hons) F.C.I.H. Director of Housing & Planning Services

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Priory Road, Spalding,
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Direc

This amendment has been superceded by S/18/73/95

These plans can go in that file - this file was withdrawn!

Karen

amd. 4

ARCHITECTURAL SERVICES
JERRY HARRALL DIP/ARCH

Job 186

19 April 1995

Building Control Department
South Holland District Council
Council Offices
Priory Road
Spalding
Lincs PE11 2XE

Dear Sir

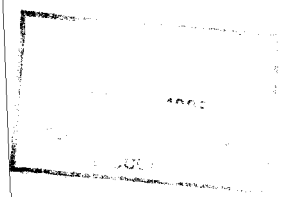
RE: PROPOSED TWO STOREY EXTENSION TO NENE MEADOWS , SUTTON BRIDGE FOR MR C LAWRENCE
PLANNING APPROVAL REFERENCE: H18/0848/89

On behalf of our client we have been asked to amend his working drawings on his implemented Planning Approval. He had decided that he would like to enlarge the extension and we are requesting that this alteration be considered as an amendment to the approval. Your response on this request would be appreciated as soon as possible so that my client may proceed with his project.

Yours faithfully

J HARRALL Dip ARCH

Enc



2 Post Office Lane,
Wisbech, Cambs.
PE13 1HG
Tel/Fax:
(01945) 476800

NOT REGISTERED ON SYSTEM.

AMENDMENT RECORD SHEET - POST DECISION

Admin

Validation:

Inadequate/Inappropriate ☑

Clarification/Details required:

Appears valid ☐

Registered .....

DC Procedural Assessment

Is the information given correct? Yes/No (If No, state above what details are needed)

Is it an amendment in principle? Immaterial/Needs new app

Confirmed: .....

Give a revised description if the details accepted are different to the submission:

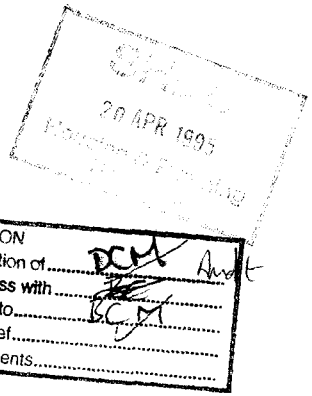
Acceptance issued:

ARCHITECTURAL SERVICES
JH
JERRY HARRALL DIP/ARCH

Job 186

19 April 1995

Planning Department
South Holland District Council
Council Offices
Priory Road
Spalding
Lincs PE11 2XE



Dear Sir

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Invalid

* Complete enclosed forms.

* ~~Please send a further ple~~