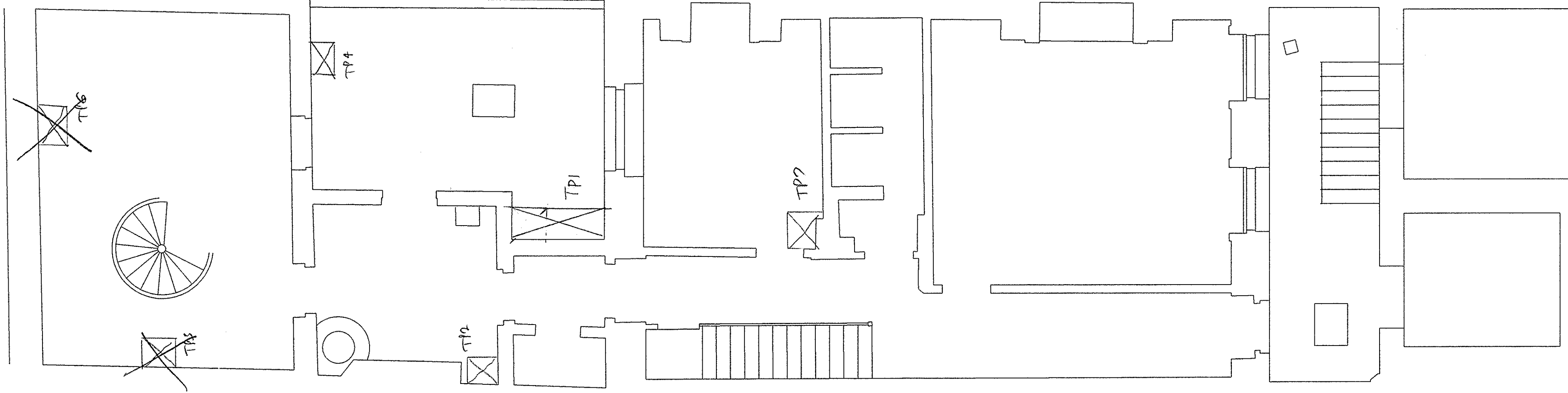
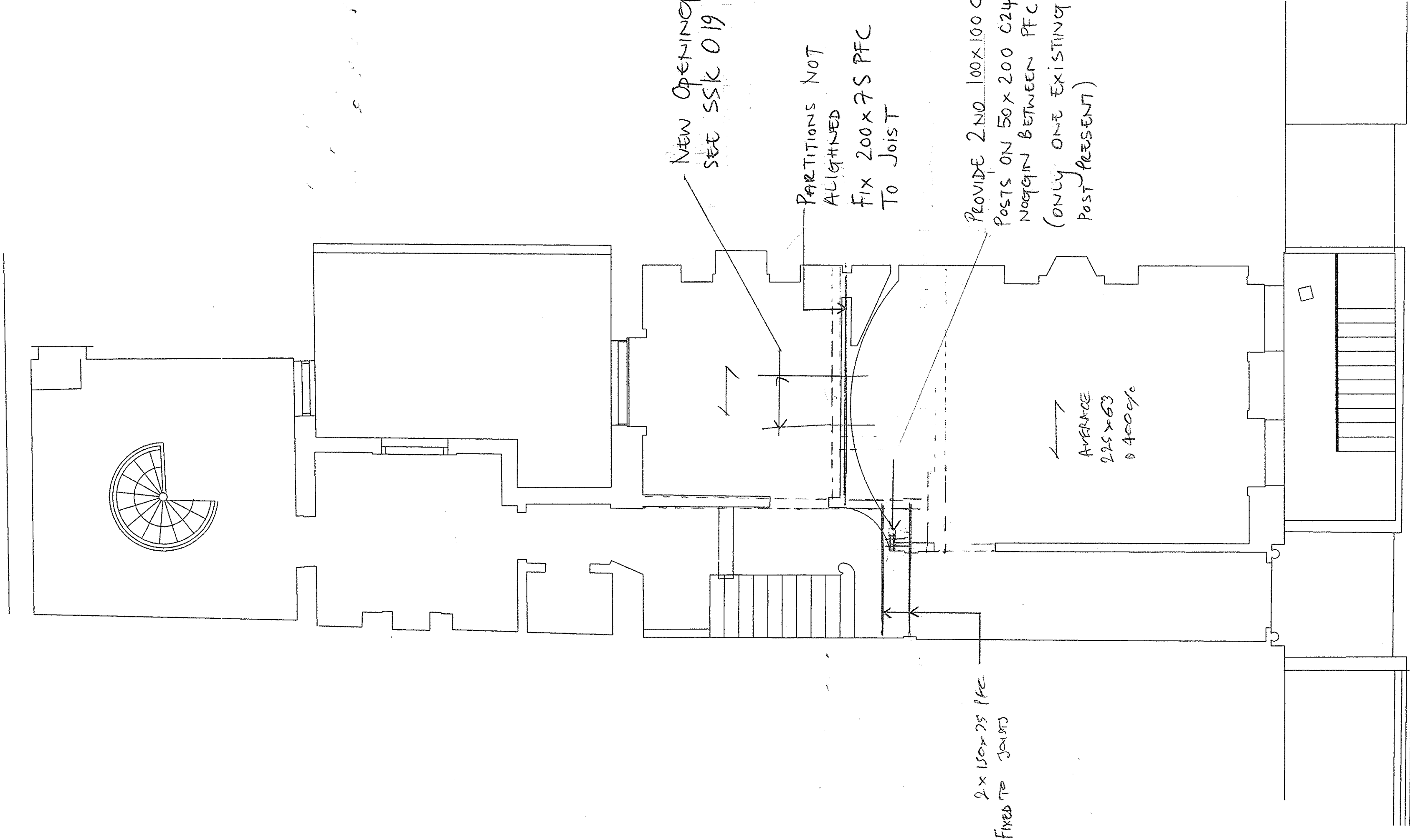


APPENDIX B

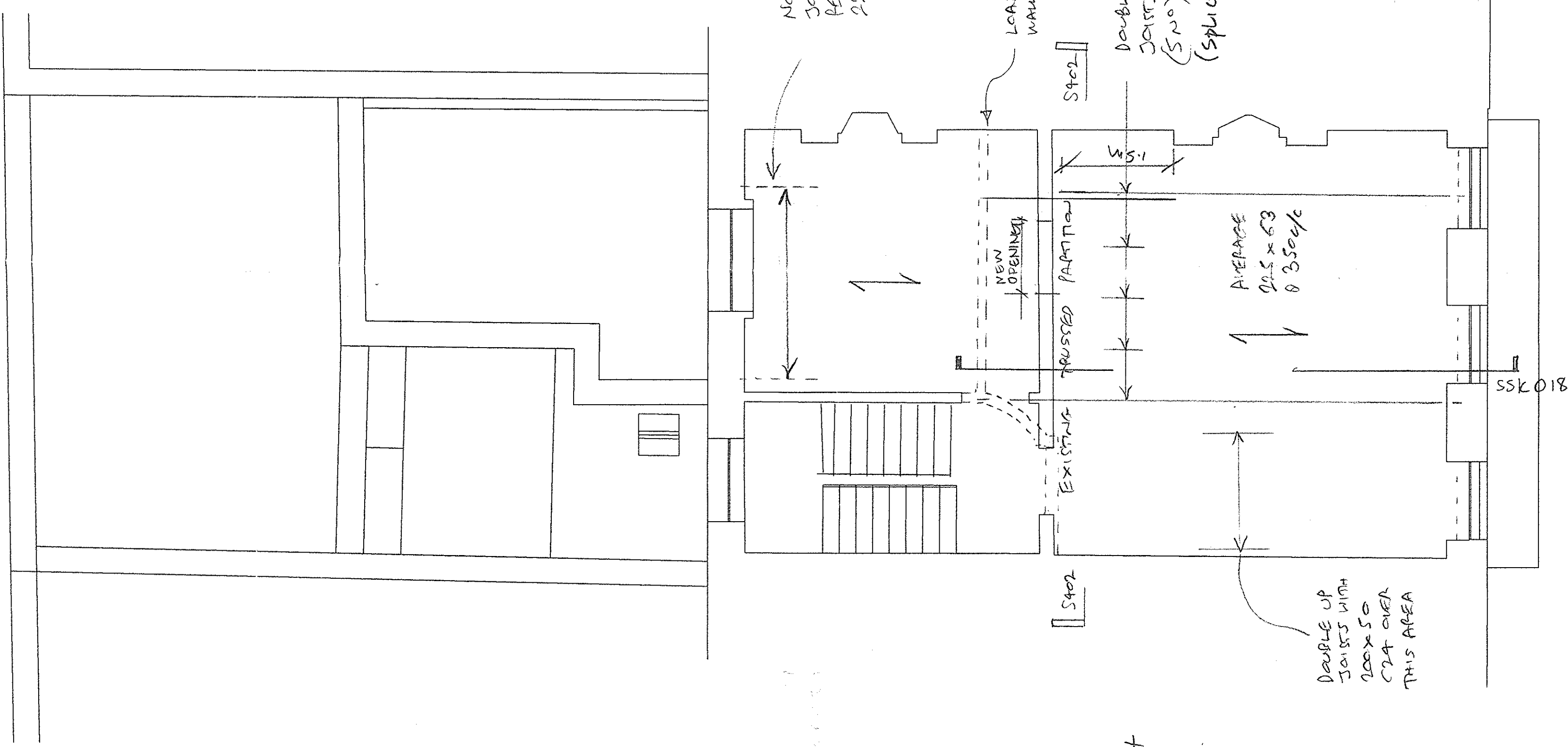
SEE S101 FOR
NOTES ON FLOOR
STRENGTHENING



EXCAVATE
TRIAL PITS
IN POSITIONS
SHOWN
UNDERTAKEN
SEE TRIAL PIT
LOGS.



GROUND FLOOR PLAN.
SCALE 1:50



FIRST FLOOR PLAN.
SCALE 1:50

Rev	Date	Description	Drawn	Check
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Drawing Status	Date	NOV 2011
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Scale	1:50
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Project	Drawn	PM
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Engineer	TA
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Project No	060178
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Drawing No	S100
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Title	EXISTING PLANS SHOWING STRENGTHENING TO MAIN HOUSE
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Revision	
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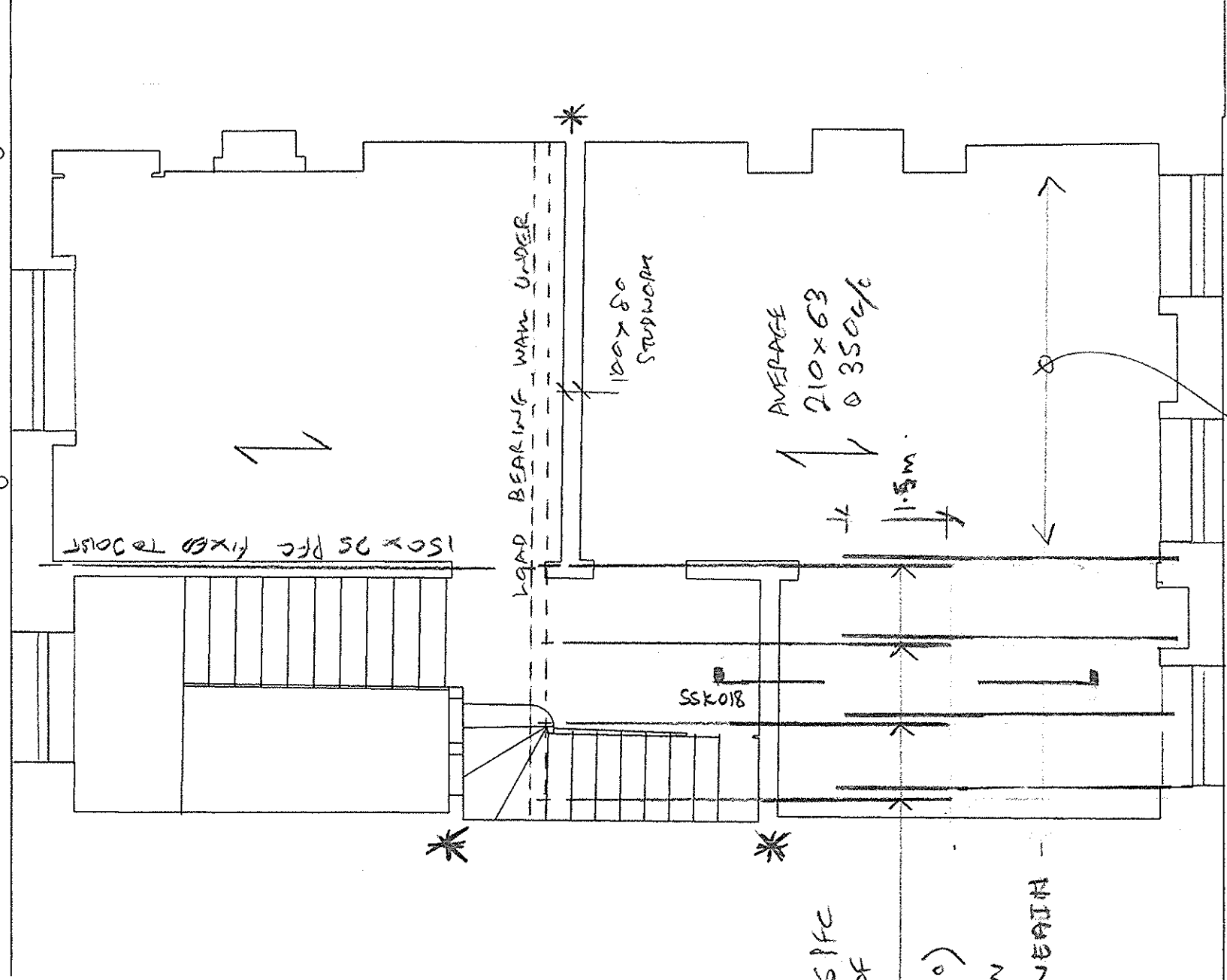
LOWER GROUND FLOOR PLAN.
SCALE 1:50



NOTES ON FLOOR STRENGTHENING

- 1) SEE ST400 FOR TYPICAL DETAILS OF FIXINGS BETWEEN PFC'S AND JOISTS
- 2) SEE ST401 FOR TYPICAL DETAILS OF FIXINGS FOR DOUBLED UP JOISTS
- 3) ALLOW FOR NEW JOISTS TO ALL FLOORS
1/3RD PARTS FOR SPANS OVER 4.0m
1/2 SPAN FOR OTHERS
(BEC WHEN FLOOR BOARDS ARE RAISED)
- 4) STRENGTHENING WORKS HAVE BEEN DESIGNED TO ALLOW A SAFE IMPOSED LOAD OF 2.5kN/m² ON ALL FLOORS
- 5) UNSTRENGTHENED THE FLOORS HAVE LIMITED CAPACITY DURING CONSTRUCTION DO NOT STORE MATERIALS ON THE FLOORS
- 6) ALL NEW TIMBER TO BE SUPER DRY TIMBER
UKRA JOST - www.ukrajost.com
- 7) JOIST RETAINS - ALLOW FOR SON OF NEW 200x50x24 TIMBER IN ADDITION TO STRENGTHENING STEMS
- 8) TIMBERLOK SCREWS BY FASTENMASTER

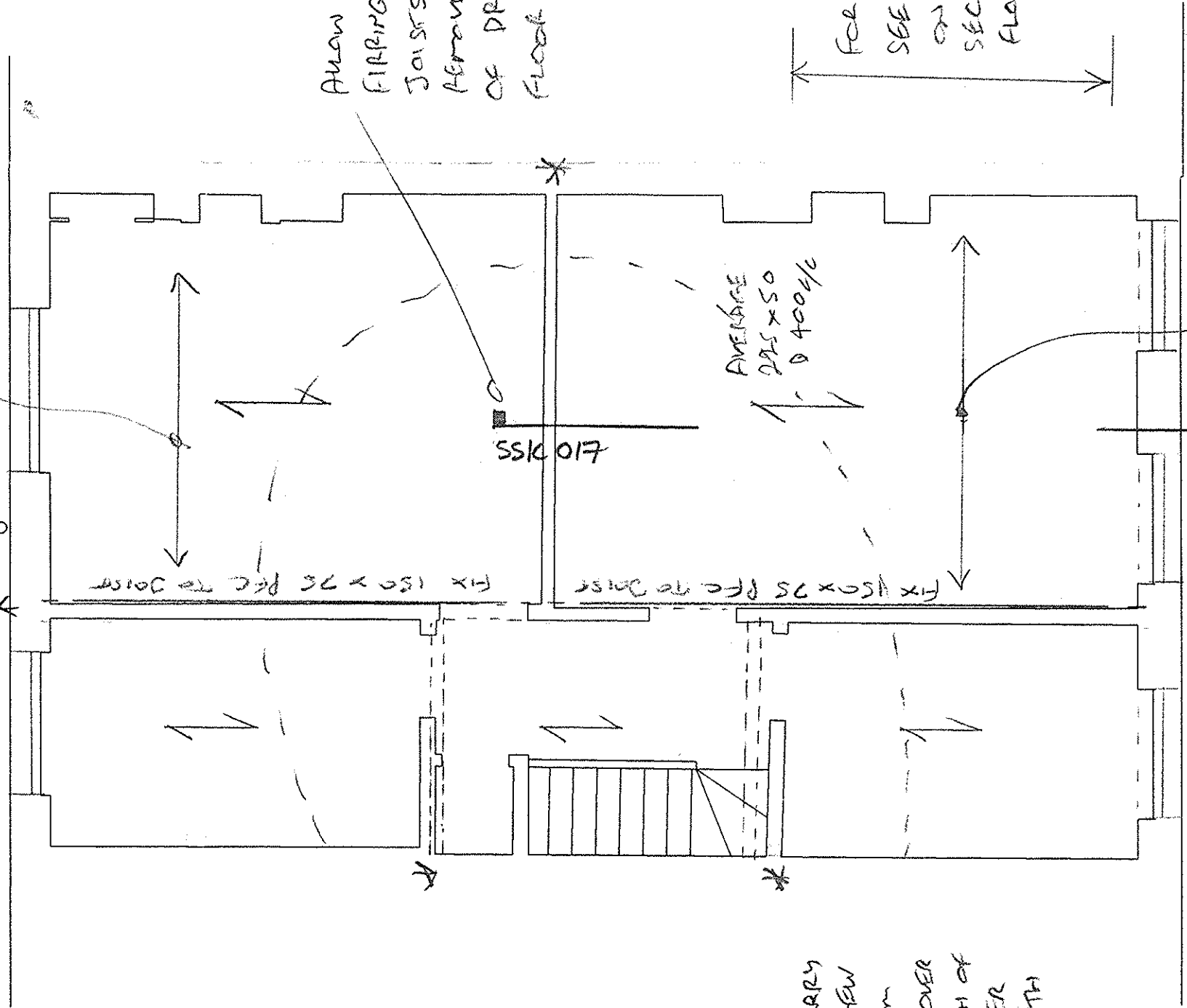
* WHERE PLASTER REMOVAL ALLOWS - FIX LAST STUD TO MASONRY WITH FRAM ANCHORS AT 1m CENTRES



SECOND FLOOR PLAN.
SCALE 1:50

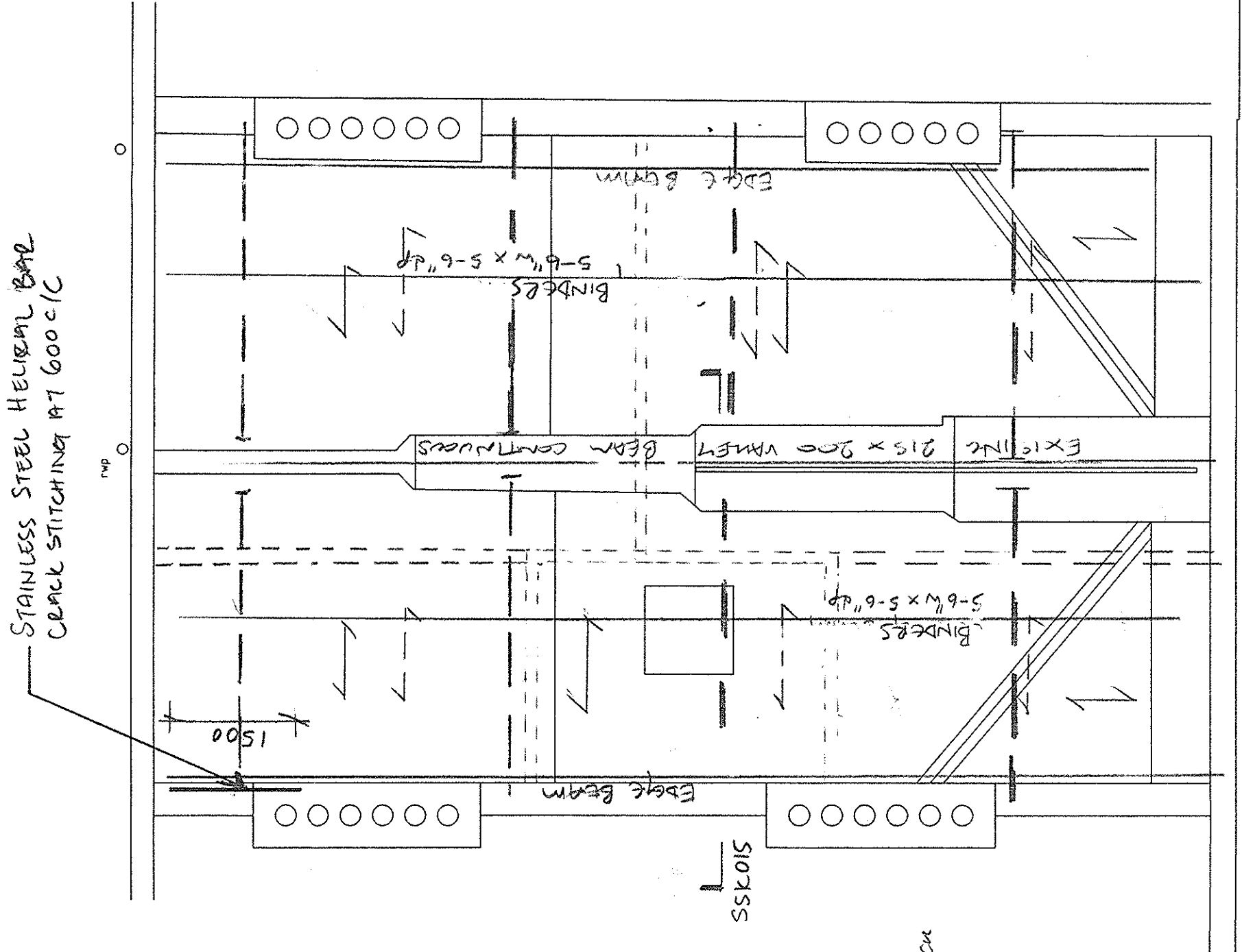
Fix 150x75 PFC TO SIDES OF ALTERNATE JOISTS. SITE MEASUREMENT TO CONFIRM IF SPLICE IS REQUIRED.
OR 50x200 C24 FIXED TO EACH JOIST IF INSTALLATION POSSIBLE.

ALLOW TO DOUBLE APARTMENT JOISTS (800 c/c) WITH COT 225x50 WITH 100 SUPPORT NOTCH.



THIRD FLOOR PLAN.
SCALE 1:50

DOUBLE EACH JOIST WITH 50x225 C24 (400 c/c) WITH 100mm SUPPORT NOTCH



ROOF PLAN.
SCALE 1:50

ROOF NOTES

- 1) ALLOW FOR STRENGTHENING VALLEY BEAM BY FIXING 125x65 PFC BOTH SIDES. DETAILS AS S400. TO BE CONFIRMED AFTER AGREED LOADING.
 - 2) 150x200 C24 TIMBER BEAMS. BINDERS TO BE HUNG FROM BEAMS AT INTERSECTION. TO BE CONFIRMED AFTER AGREED LOADING.
- > CEILING JOIST SIZE 2 1/2" x 3" deep @ 15" CENTRES
- > RAFTERS SIZE

Rev	Date	Description	Drawn	Check
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Drawing Status	Date	NOV.2011
Scale	Scale	1:50
Project	Drawn	PM
Engineer	Engineer	TA
Project No	Project No	060178
Drawing No	Drawing No	S101
Revision	Revision	

58 Grafton Way,
London W1

Title EXISTING PLANS
STRENGTHENING
TO MAIN HOUSE
P2

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S8 GRAFTON WAY

title

TYPICAL PFC
FIXING DETAILS

job no.

060178

drg. no.

S400

scale

1:5

date

9.11.11

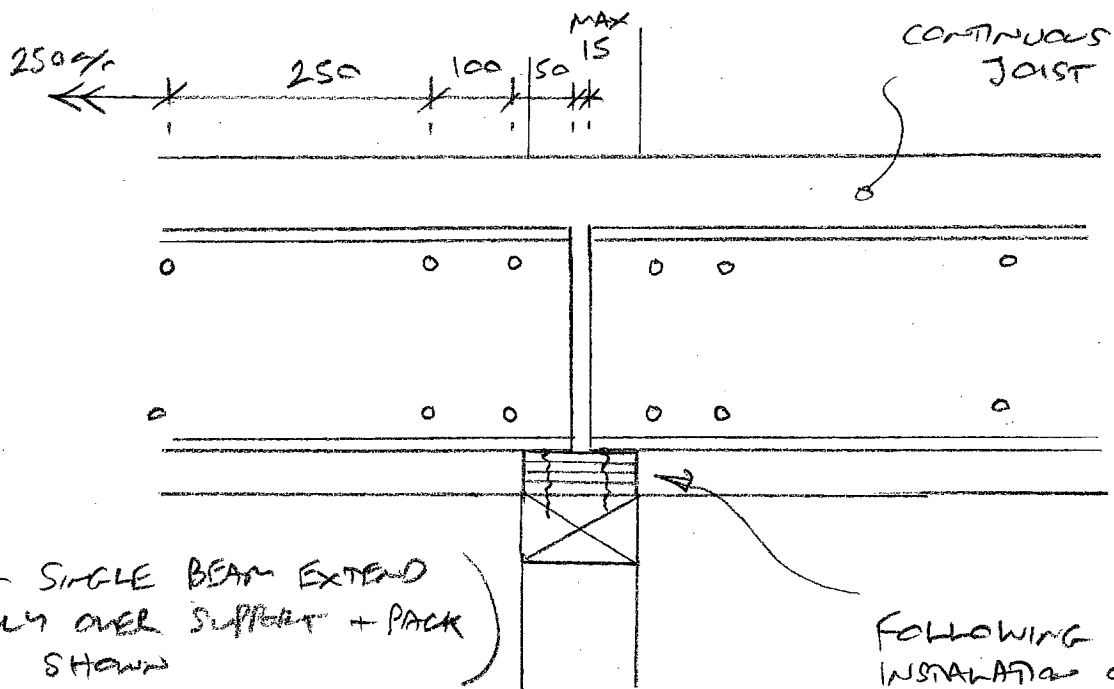
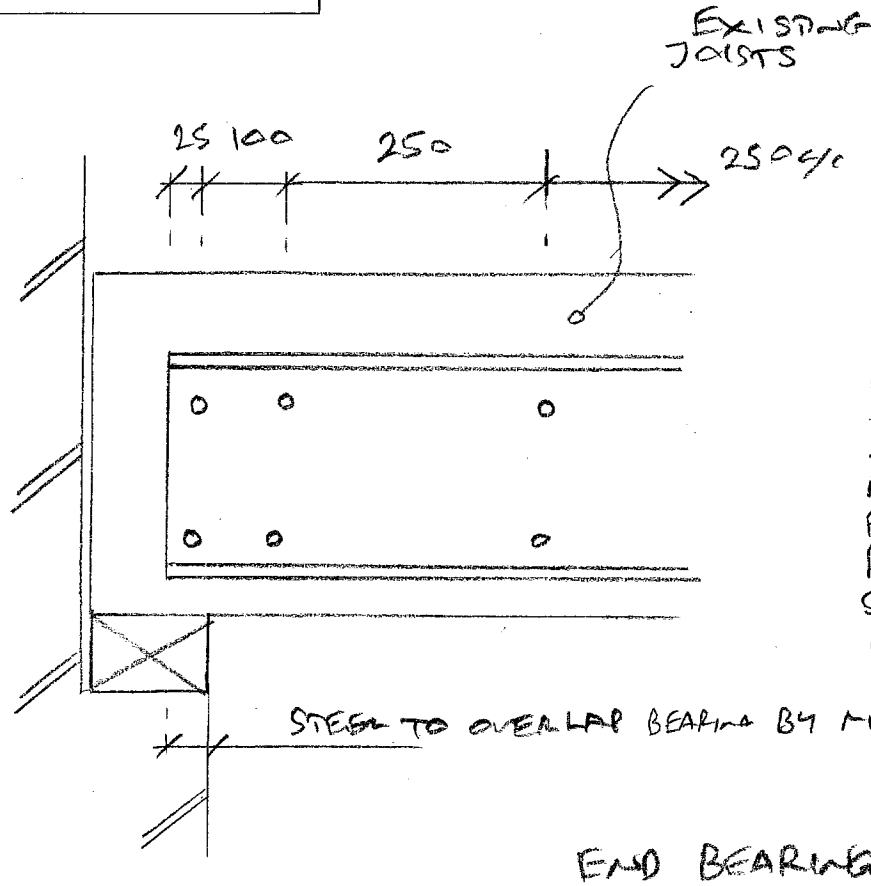
drawn

TDA

checked

rev.

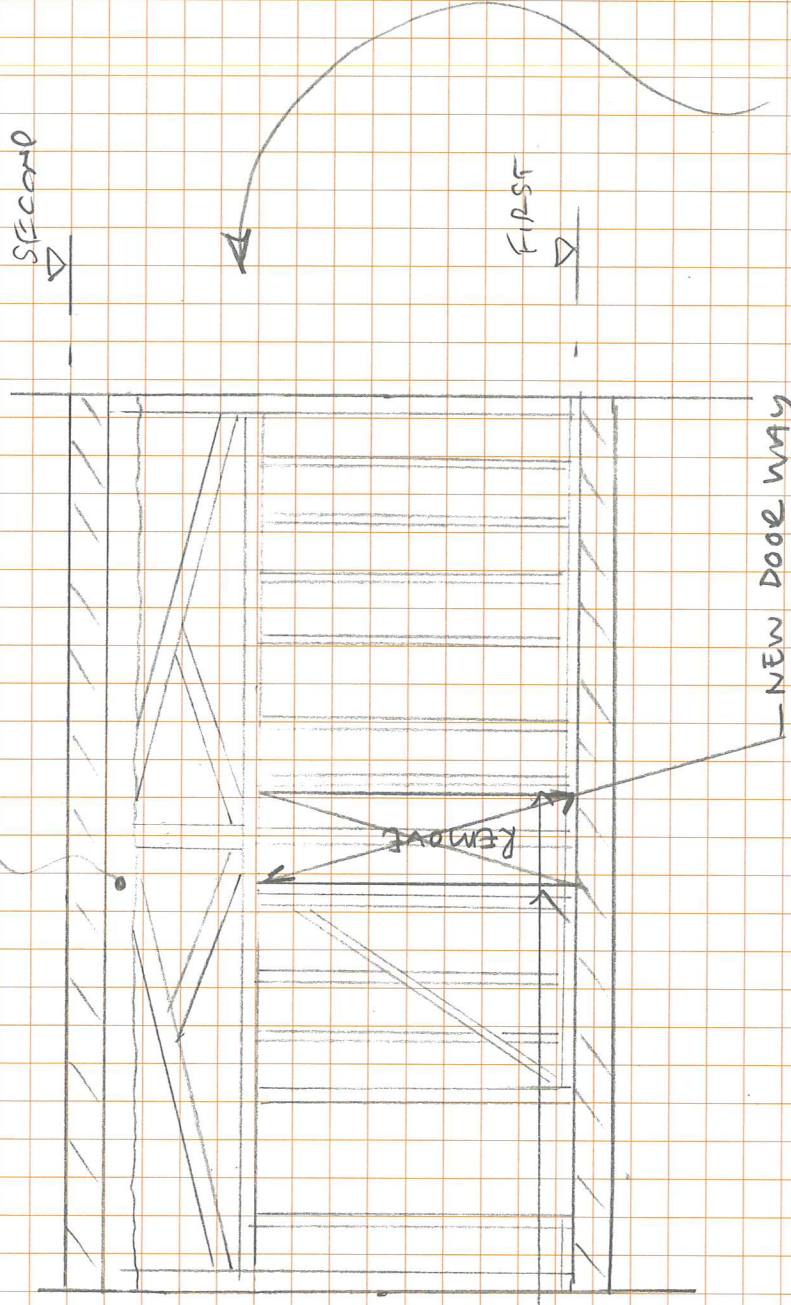
date



FOLLOWING
INSTALLATION OF
STEELS CUT A
HARDWOOD PACK AND
DRIVE UNDER BEARING
OF STEELS

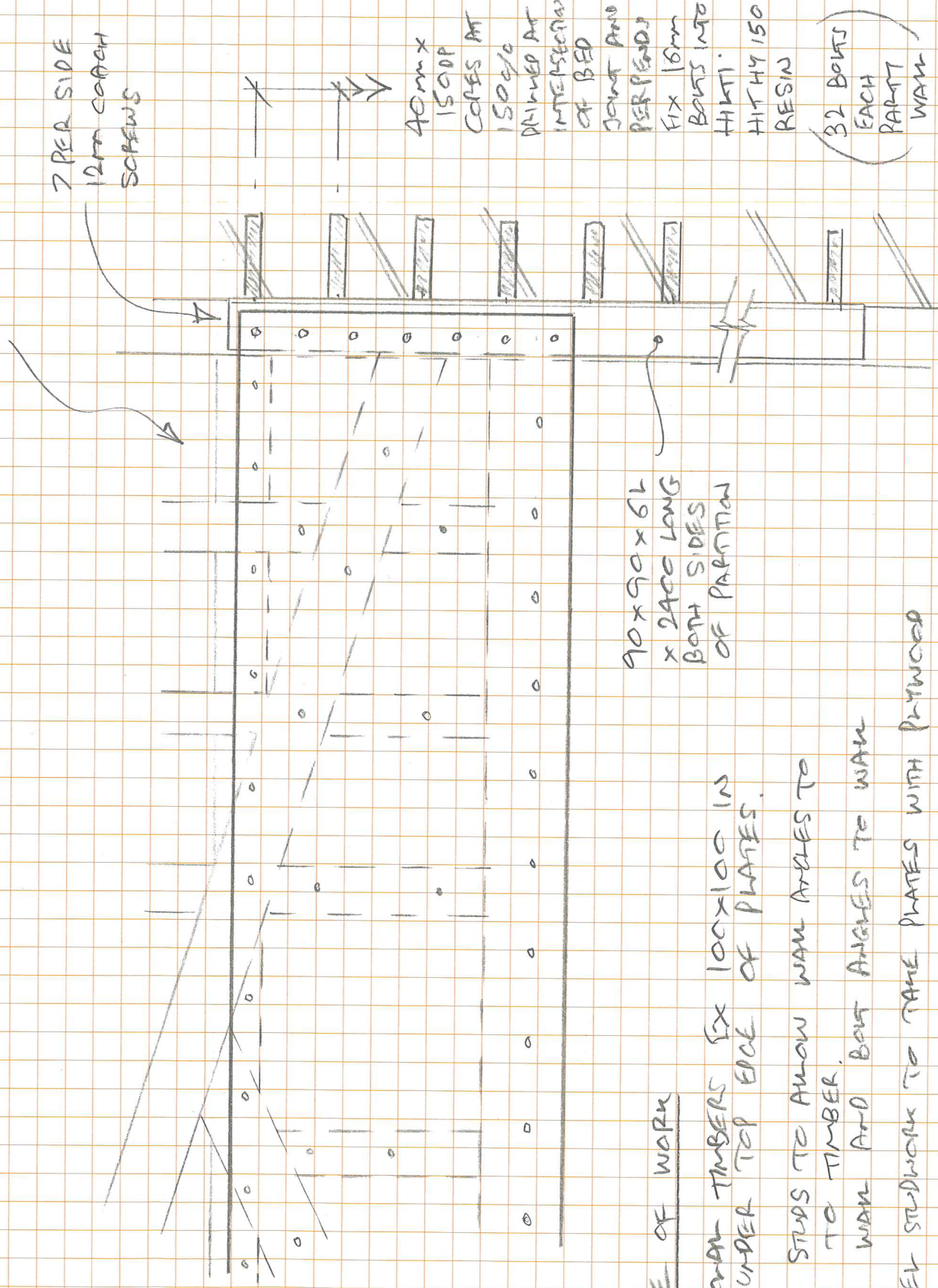
Wife + original photo
see 1980's photo

DOUBLE-UP
REVEAL POSTS:



FIX 600 x 8mm
MILD STEEL PLATES
TO BOTH SIDES
OF PARTITION AT
HEIGHT GIVEN

ELEVATION ON FIRST FLOOR
SPINE WALL



OTHER
PARTY
WAVE
SIMILAR

SEQUENCE OF WORK

- 1) FIX ADDITIONAL TIMBERS $5 \times 100 \times 100$ IN PARTITION UNDER TOP EDGE OF PLATES.
- 2) PLANE END STUDS TO ALLOW WAM ANGLES TO FIT FLUSH TO TIMBER.
- 3) DRILL PARTY WAM AND BOLT ANGLES TO WAM
- 4) PACK + LEVEL STUDWORK TO SAME PLATES WITH PLINWOOD
- 5) SCREW PLATES TO STUDWORK AT 150 c/c 6mm SCREWS
- 6) BOLT PLATES TO ANGLES AS SHOWN
- 7) REINSTATE FINISH USING PENDERLATH TACK WELDED TO STEEL PLATES

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title		STRENGTHENING TO TRUSSED PARTITION		scale 1:50 1:10		date 9.11.11		drawn DA		checked	
				job no. 060128		drg no. 5402		rev P2			

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project

S8 GRAFTON WAY

job no.

060128

drg. no.

S401

title

TYPICAL JOIST
STRENGTHENING FIXING

scale

1:10

date

9.11.11

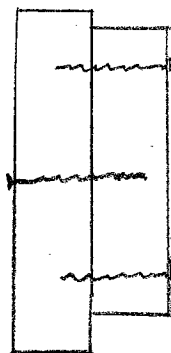
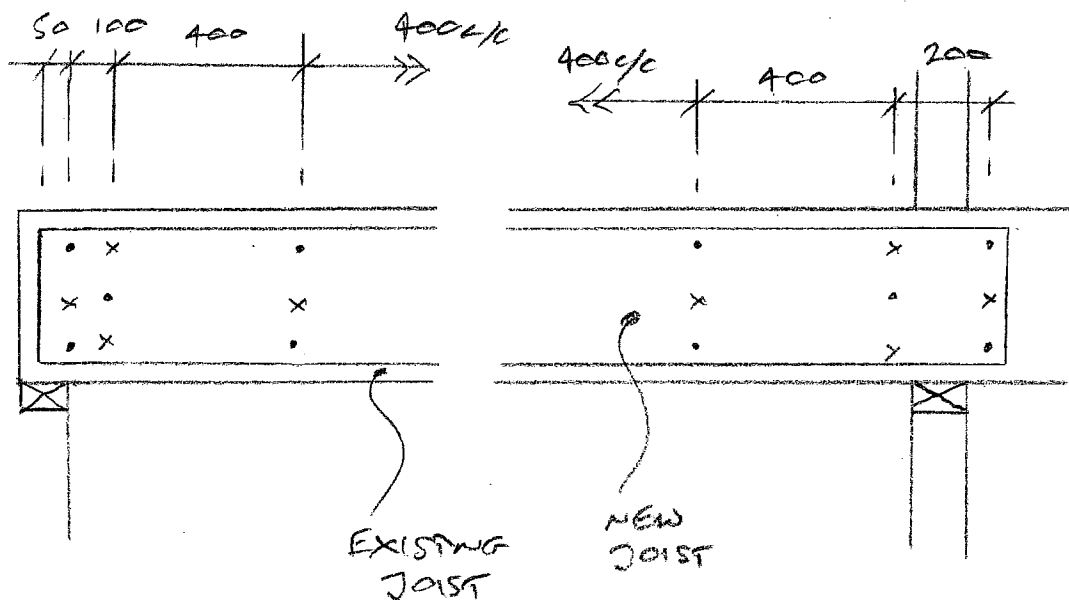
drawn

TDA

checked

rev.

date



3 FIXINGS PER
LINE IN PATTERN
SHOWN.

TIMBERLOK SCREWS

USE 100mm
SCREWS FOR
50+50+63+50
JOIST FIXINGS

FIX ON ALTERNATE SIDES
(x . x) (. x .) AS SHOWN

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project

58 GRAFTON WAY

title

PARTITION SUPPORT
STRENGTHENING

job no.

060178

sheet no.

SA(0)01

date 24/11/06

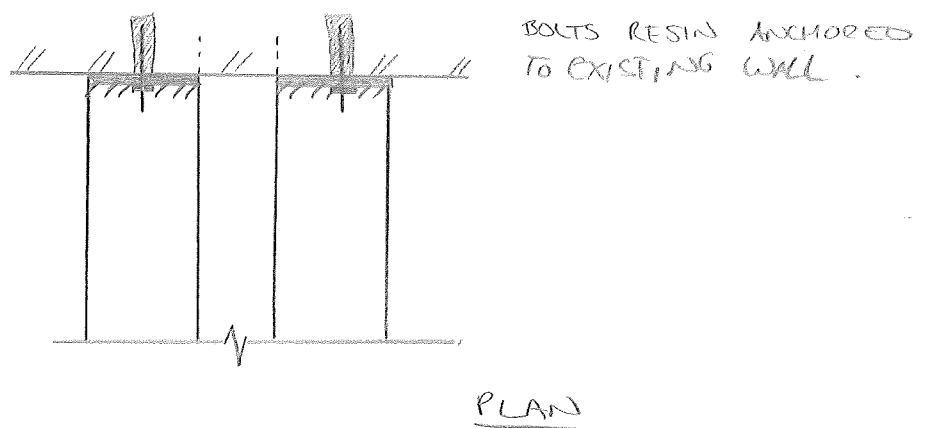
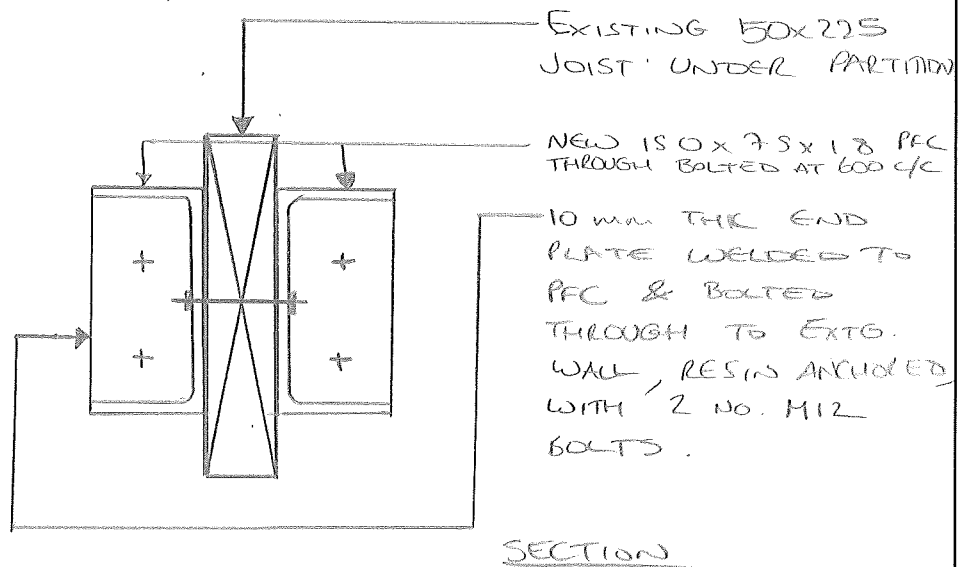
engineer JAM

checked

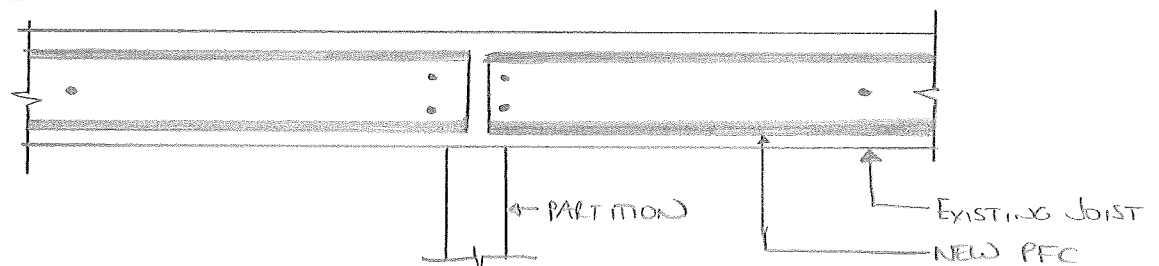
rev.

date

CONNECTION A



OVER SUPPORT PARTITION BELOW:



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project

58 GRAFTON WAY

title

PARTITION SUPPORT STRENGTHENING

job no.

060178

sheet no.

SA(0)02

date 24/11/05

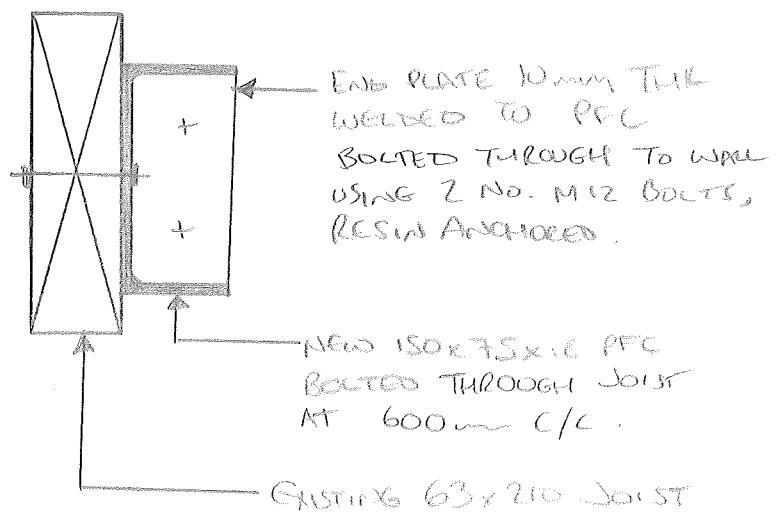
engineer JAM

checked

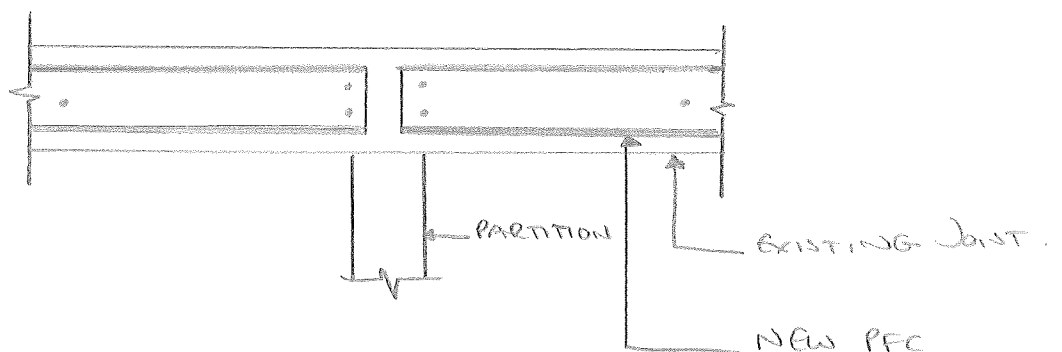
rev.

date

CONNECTION B



OVER SUPPORT PARTITION BELOW :



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project

58 GRAFTON WAY

title

FIRST FLOOR SPINE WALL

job no.

060178

drg. no.

SK(0)05

scale

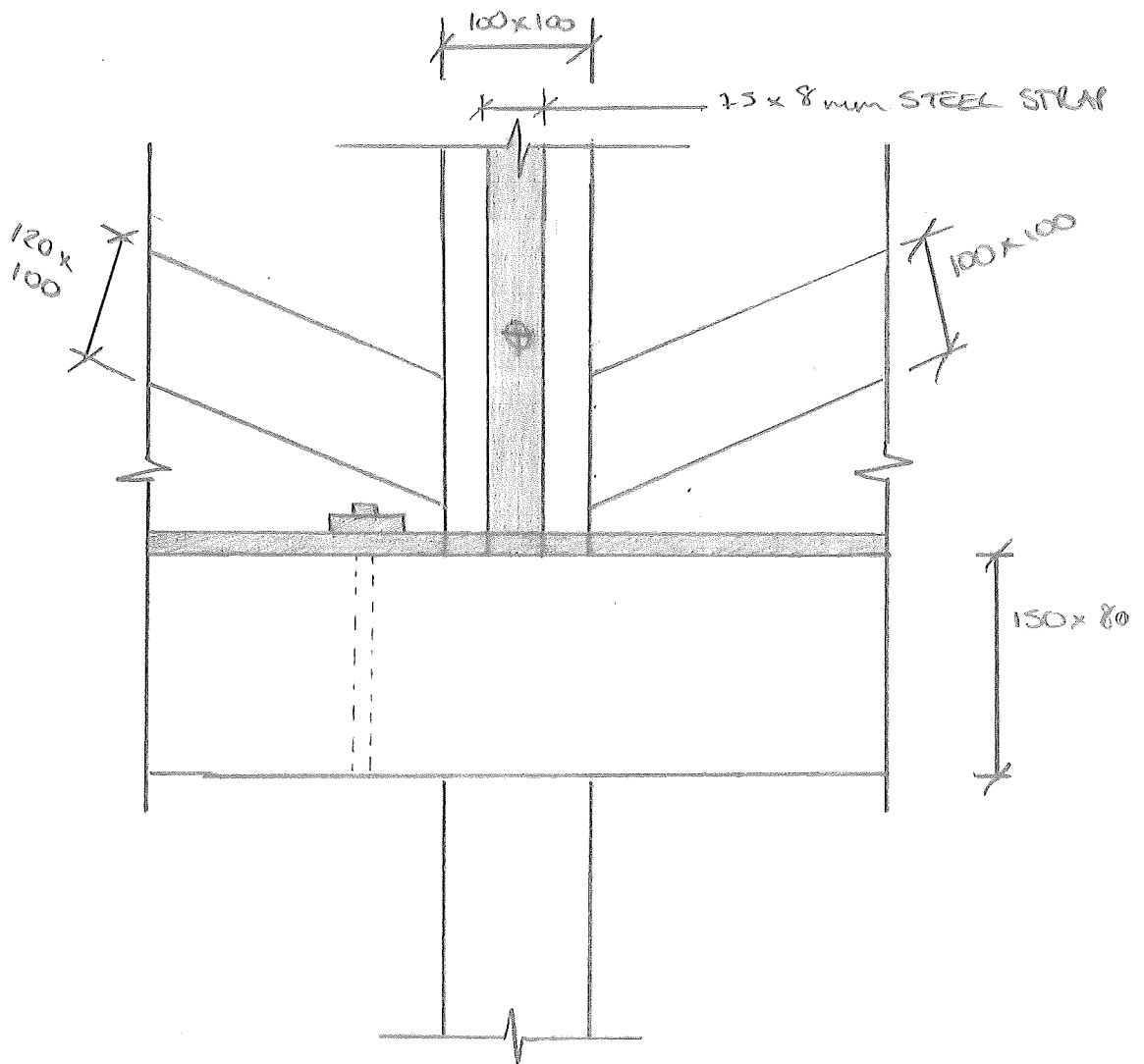
date SEPT '06

drawn JAM

checked

rev.

date



FRONT
ROOM

20mm PINE

LATH
BATTENS
LATH

LATH &
BATTENS

20mm PINE

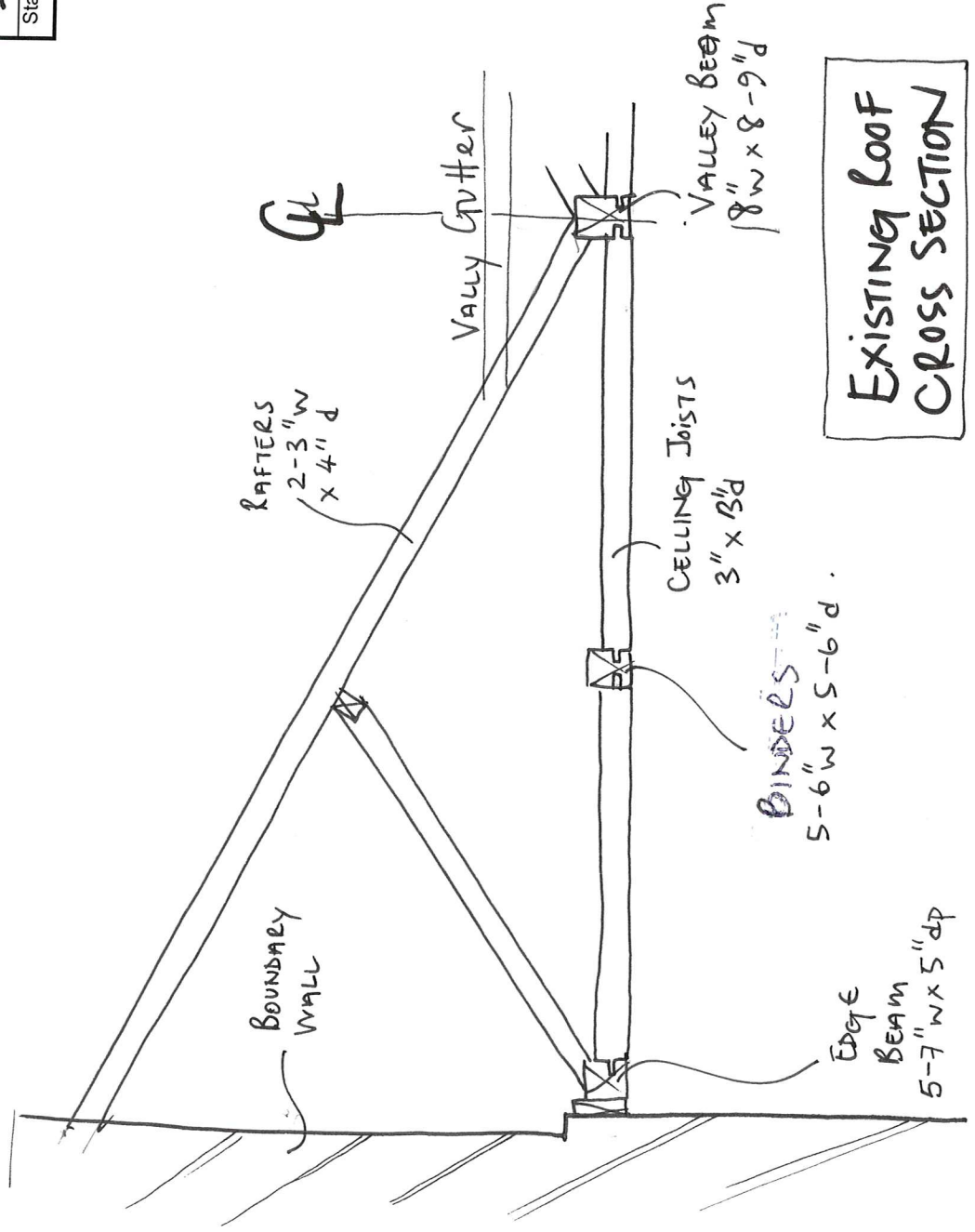
REAR
ROOM

100x100
STUD

60x100 STUDS @

400mm CENTRES

Project	MIRANDA HOUSE	Job No.	060178
Title	EXISTING ROOF SECTION	Drg. No.	SSK 015
Status		Scale	-
		Date	APRIL
		Drawn	JOG
		Checked	



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MIRANDA HOUSE

title

3RD FLOOR Joist STRENGTHENING

job no.

060178

drg. no.

SSK 017

scale

date

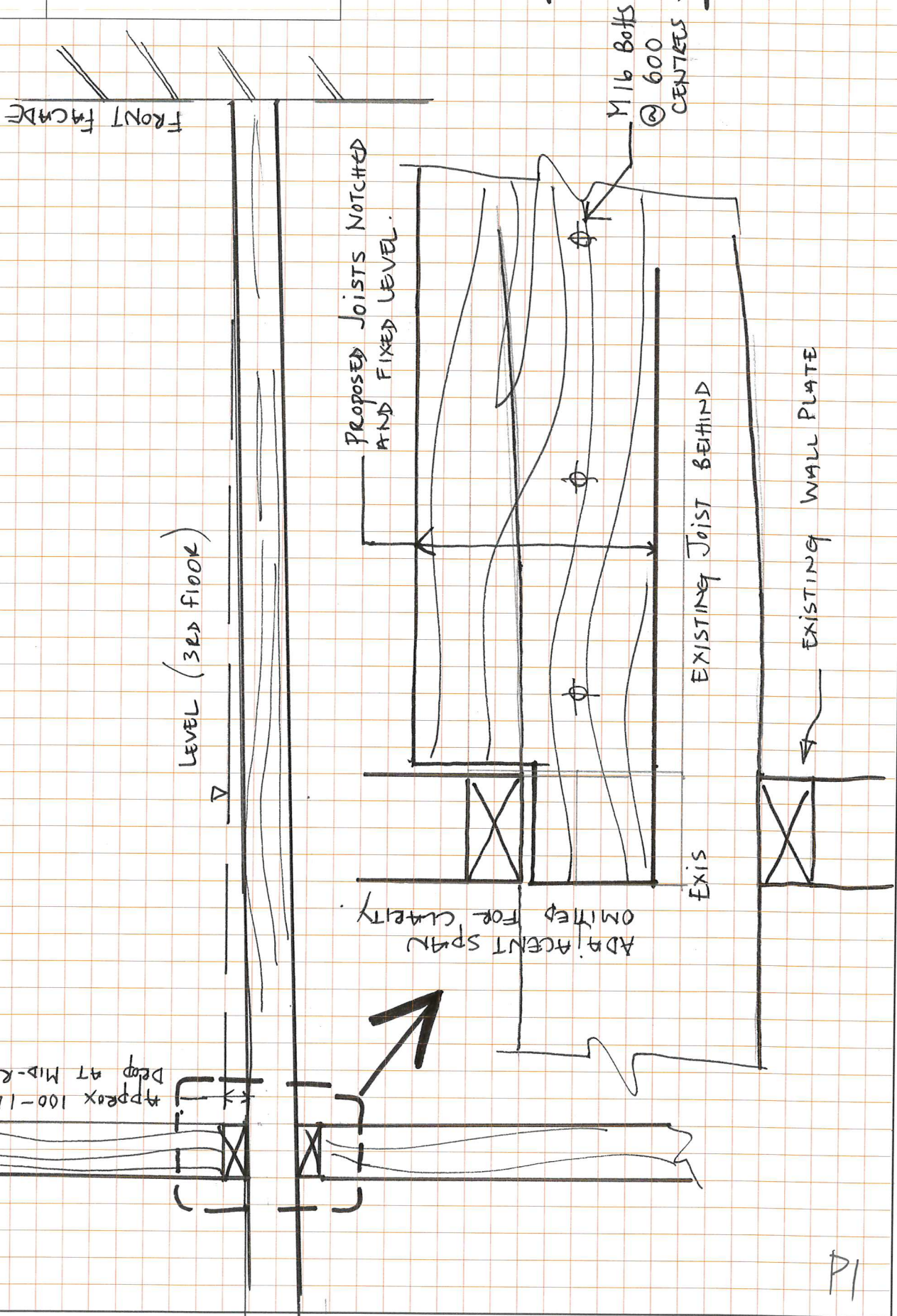
drawn JCG

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date

P1



P1

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MIRANDA HOUSE

title

PFC SPLICE DETAIL

job no.

060178

drg. no.

SSK018

scale

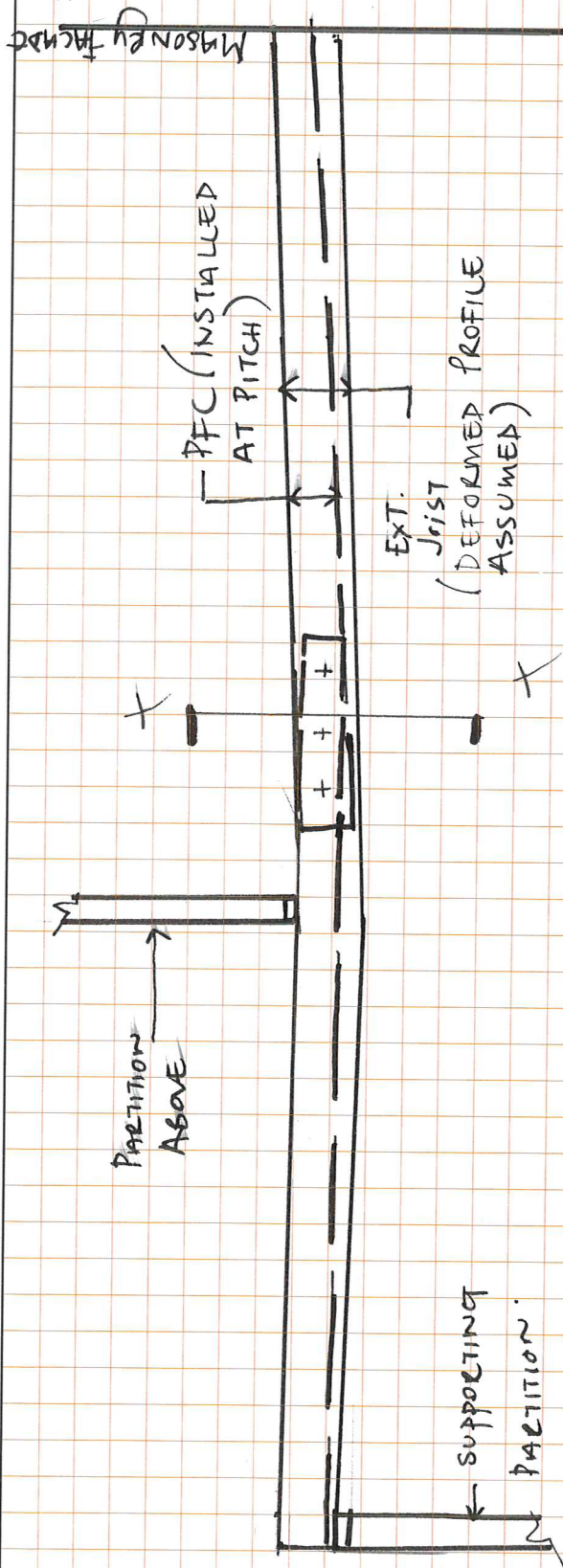
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JOY

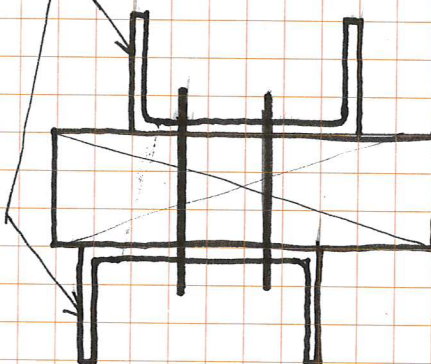
checked

rev. P1 date



TYPICAL ARRANGEMENT

SPLICED PFC FIXED
TO FOLLOW SAGGING
PROFILE OF EXISTING
JOISTS



SECTION X-X

P1

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project

MIRANDA HOUSE

title

GND FLOOR DOOR OPENING

job no.

060178

drg. no.

SSK019

scale

date APRIL

drawn

JOG

checked

rev.

date

