

MALCOLM WATSON : architect

North York Moors National Park
The Old Vicarage
Bondgate
Helmsley
York
YO62 5BP

Delves Farm
Egton Grange
Whitby
North Yorks
YO22 5BB

my ref: S/EB/11
your ref:
date: 7 Aug 2012

NYM/11/0850/FL
- 9 AUG 2012
WS

Dear Sir,

**Dalton Cottage - Egton Bridge - Whitby -
Application for Verification on Conditions - Planning Approval NYM/2011/0850/FL**

I refer to my letter and enclosures dated 16 July 2012, your letter dated 22 July 2012 and your E-mail dated 31 July 2012.

Please find enclosed cheque in the sum of £85 for your fee.

Since my last letter, Building Control have requested certain amendments to the detailed design and I enclose two further copies of the revised drawings. The revisions include the following;

1. Increasing the external wall thickness to accommodate additional insulation.
2. Raising the structural concrete raft to ground level.
3. Revisions to enable fire escape from the first floor bedrooms and study.

The wall thickness has increased from 300mm to 340mm. I note your comments in regard to reusing the stone without backing off. From my experience the stone will be a minimum thickness of 200mm and be roughly dressed with some variance in thickness. This would not be suitable for reuse in cavity construction without backing off to a clean even depth. Increasing the wall thickness to 415mm would result in loosing 150mm to the internal room dimensions. I am therefore reluctant to make this change.

Raising the concrete raft will have no effect on the appearance to the dwelling. The Structural Engineer has designed the toe so that the facing stonework carries down below the ground level.

The design of the first floor sash window do not allow sufficient opening area for escape purposes. I have reintroduced back the lobby at the bottom of the stairs to enable escape through the front door without entering a room space.

With regard to the study, I have had to increase the height on W11 by 150mm to get the free sash opening area. The position of the window is at the rear and unseen from any public area.

Malcolm N Watson RIBA

I have considered reducing the double glazing depth by 6mm. The Building Inspector, and I have to agree with him, believe the improvement to the appearance would be negligible and that as this is a new structure, present day standards of insulation should be maintained.

I note your preference for black tape and spacer in the sash frame glazing. I have noted this on the revised drawings.

I am in favour of reusing any of the existing doors if possible. Much will depend on the condition and the Building Inspector will have to approve on site any which are for fire purposes. I have made a note on the revised drawings to this effect.

I am generally not in favour of specifying pure lime plaster. It is more expensive to execute and requires knowledgeable tradesmen. Its application is lengthy and it disrupts the building process delaying other trades access. Above all, in its powder form, it is a health hazard.

Limelight is a modern day direct replacement. Its mix is quality controlled and it is a two coat application. It meets the desired specification of controlling dampness passing through the wall and provides a barrier against salt transfer. It retains a degree of 'breathability' and flexibility after it has set and minimises any efflorescence. I have previously used it in Listed Churches where it is accepted as an alternative by the Diocesan Board.

I have previously E-mailed the photographic record to you. I hope these are acceptable.

Yours faithfully

NYMME
- 9 AUG 2012

Enc. 2 copies of dwg. no. S/E/11/ 08 rev D - 11 rev A - 15 rev A - 16 revA

DALTON COTTAGE

NYMNP
9 AUG 2012

CAP CHIMNEY FLUE WITH
50MM CONC. SLAB AND
FRANCH SIDES
CHIMNEY + COPE GABLE
RESULT FROM ORIGINAL
STONE
SECOND HAND SLATE ROOF
2 No. 32x40mm CONSERVATION
RUFFLIGHTS

WALLING REPAIRS
AS AGREED WITH
ENGINEER

NEW CLINING
SASH WINDOW
IN GABLE
WITH DRESSED
STONE LINTEL
AND CILL

NEW WALLING:
COURSED DRESSED SANDSTONE RESULT FROM
DEMOLISHED STRUCTURE INCLUDING COPE
GABLE AND CHIMNEY STRING + CAP STONES.
POINTING TO BE LIME/SAND MIX OF EQUAL
PARTS SHARP AND SOFT SAND FINISH TO
BE SLIGHTLY RECESSED WITH BAGGED FINISH

EAVES DETAIL:
1/2 ROUND C.I.
SUPPORT DIRECT
FIXED TO PROTECTING
EAVES COURSE OF
WALLING

RETAINING
WALL

EAST ELEVATION

SOUTH ELEVATION

WALL FACING REPAIRS TO ORIGINAL DWELLING:
AFTER CLEARING AWAY VEGETATION AN INSPECTION
OF THE FACINGS IS TO BE MADE WITH THE STRUCTURAL
ENGINEER TO ASCERTAIN THE EXTENT AND LOCATION OF ALL
REPAIR WORK.

REPAIRS TO STRUCTURAL CRACKING:
CUT OUT HORIZONTAL BEDS IN MASONRY 50MM DEEP
APPLY APPROX 10MM BEAD OF EPOXY RESIN TO BACK OF CUT.
FIX 6MM DIA. STAINLESS STEEL 'HELIFIX' RESIN
ANCHOR BARS - 1000MM LONG OR SIMILAR APPROVED.
APPLY SECOND BEAD OF RESIN TO COVER HELICAL BAR. RE-
POINT WITH MORTAR AS ABOVE.

ALLOW FOR FOLLOWING QUANTITY:
NORTH GABLE: (15 NO - 6 NEAR EAVES - 9 CENTRALLY)
WEST ELEVATION: (APPROX. 21 NO. ALTERNATIVE COURSES
ACROSS CRACKS THROUGHOUT
SOUTH + EAST ELEVATION: ALLOW 15 NO.

SLATE ROOF:
STRIP + REPLACE
WITH NEW FELT
AND RE-ROOF

REPLACE 16 PANE
SASH WINDOWS
WITH UPVU SASHES
GLAZED SOFT
WOODS

STONE WALL REPAIRS
AS ADVISED BY ENGINEER

REPAIR MOULDED
DOOR LINING

EXISTING 6 PANE
DOOR TO BE
REFURBISHED
LINTEL OVER RE-
PLACED + DOOR
LINING MOULDING
REQUIRED

NON-RETAINING
WALL

KNIB BUILD

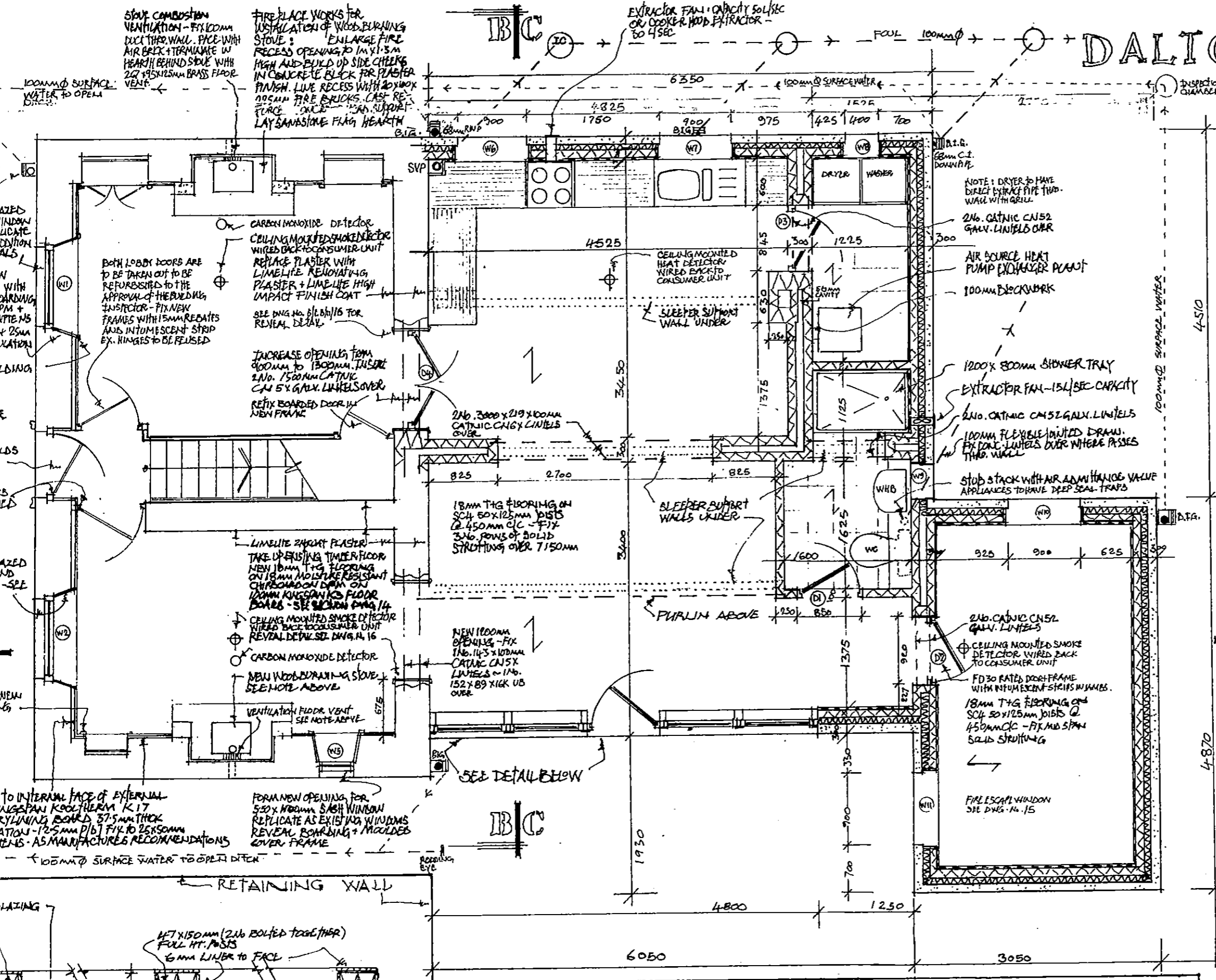
WEST ELEVATION

NORTH ELEVATION

WALLING REPAIRS
AS AGREED WITH
ENGINEER

Project - REFURBISHMENT OF DALTON
COTTAGE - EGTON BRIDGE
Client - MS. LAURA HEATH
DRAWING - PROPOSED ELEVATIONS
Dwg. No. - S/REF/11/100
SCALE - 1-100
DATE - OCT 2011
DRAWN - MALCOLM WATSON
TEL. No. -
REVISED BY: KEN A. [signature]
REVISED DATE: MAY 2012
REVISED BY: [signature]
REVISED DATE: JULY 2012
REVISED BY: B. EGGS

DALTON COTT



INTERNAL DIMENSIONS TO FACE OF BLOCKWORK

CLACKROOM FURNITURE:
 700x300mm WC BACK TO THE WALL HC
 200x800mm SINGLE DOOR UNIT
 700x500mm UNIT FOR SEMI-RECESS

ELECTRICAL INSTALLATIONS:
 TO COMPLY WITH BS 7671:2001 RE
 FOR ELECTRICAL INSTALLATION 15M
 WORK TO BE CARRIED OUT BY A REG
 ELECTRICIAN WHO WILL BE RESPONS
 THE DESIGN AND CERTIFICATION
 CERTIFICATE TO BE SUPPLIED TO CU

DRAINAGE INSTALLATION:
 TO BE INSTALLED IN ACCORDANCE
 AND COMPLY WITH APPROVED DOCU
 H1 + H3 - DRAINS TO 100mm ML H
 SUPERLEVEL FLEXIBLE JOINTED S
 INSTALLER TO MANUFACTURER'S
 ATOMY. PIPES TO BE LAID TO FALL
 ON SITE WITH THE BUILDING. 150
 CONCRETE LINTELS TO BE INSTAL
 WHERE PIPES PASS THRU WALLS

NYMNP
 9 AUG 2012

GROUND FLOOR

PROJECT = REFURBISHMENT OF DAL
 COTTAGE - EGTON BRI
 CLIENT = MR. LAURENCE
 DRAWING = DETAIL GROUND FLOOR
 DWG. No. = STEB/11/11 REVA (2012)
 SCALE = 1:50 ~ 1:10
 DATE = MAY 2012
 DRAWN BY = MALCOLM WATSON
 TEL. No. =

DETAIL GLAZING/DOOR SCREEN
 SCALE 1:10
 [SEE ALSO DETAIL SECTION C-C]

150 900mm WINDOW | 150 900mm WINDOW | 150 900mm WINDOW FRAME

DALTON COTTAGE GRADE II LISTED

SCHEDULE OF WORK

EXCAVATION: EXCAVATE BACK ALONG SOUTH ELEVATION A 2M STRIP DOWN TO 150MM DEEP FINISHED FLOOR LEVEL FOR CONSTRUCTION OF NEW STRUCTURAL RETAINING WALL - SEE ENGINEER'S DETAIL. EXCAVATED MATERIAL TO BE SPREAD EVENLY ADJACENT TO WEST AND NORTH ELEVATION AS DIRECTED BY SUPERVISING OFFICER [S.O.]

DEMOLITION: TO REAR EXTENSION, GARAGE AND OUTBUILDING; CONTRACTOR TO NOTE THAT THE STONE FACINGS, MOULDINGS OF CHIMNEY STACK AND COMPLETE LINTELS + CILLS TOGETHER WITH SLATES ARE TO BE STRIPPED AND TAKEN DOWN BY HAND FOR REUSE. IN REBUILD WORK, CONTRACTOR TO NOTE STRUCTURAL ENGINEER'S ASSESSMENT CLASSIFYING THIS SECTION IN ACCORDANCE WITH BRE 251 AS CATEGORY 5 "VERY SEVERE AND DANGER OF STABILITY." A RISK ASSESSMENT AND METHOD STATEMENT FOR THE TEMPORARY SHORING PRIOR TO DISMANTLING OF STRUCTURE BY HAND MUST BE SUBMITTED + APPROVED WORK TO MAIN TWO STOREY HOUSE:

PREPARATORY WORK - BEFORE WORK COMMENCES INTERNALLY - FIX TEMPORARY SUPPORTS AND FLOOR COVERING AT HEAD OF STAIRS TO ENABLE A FULL INSPECTION OF THE FIRST FLOOR WITH THE S.O. TO ENABLE A FULL RECORD OF THE ROOMS TO BE MADE AND TO CONFIRM RENOVATION WORKS STRIPPING OUT FOR REUSE: CAREFULLY TAKE OUT AND STORE FOR REUSE ALL ROUGH + COPED BOARD DOORS [N.B. HINGLES TO ENTRANCE DOOR + BOTH ROOM ARE TO BE RETAINED AND REUSED] SKIRTINGS, ARCHITRAVES, COPED BOARD + WINDOW REVEAL MOULDINGS. AGREE WITH S.O. CONDITION OF SECTIONS SUITABLE FOR REUSE AND PROVIDE + FIX NEW AS DETAILED

ROOF WORKS: TO BE SPLIT INTO TWO WITH ONE FACE STOPPED AND REROOFED BEFORE WORK COMMENCES ON THE OTHER FACE. ALL SLATES TO BE TAKEN OFF CAREFULLY AND STACKED FOR REUSE. A FULL INSPECTION WITH THE S.O. OF ALL ROOF TIMBERS AND AGREE REPLACEMENTS AS DEEMED NECESSARY. A UNIVERSAL WEDDING + PRESERVATIVE SOLUTION TO BE APPLIED TO ALL TIMBERS. REPLACE SLATES ON NEW BATTENS + FELT AS DETAILED + ALLOW FOR NEW LEAD FLASHINGS.

EXTERNAL / STRUCTURAL WORKS: REPAIR STRUCTURAL CRACKING - SEE ENGINEER'S REPORT AND DNG - NB. STENOJOE; RENEW LINTEL OVER ENTRANCE DOOR AND BUILD UP MISSING SECTIONS OF DOOR LINING SOUTH ROOM G.F. - TAKE OUT ROTTEN TIMBER FLOOR - REPLACE AS DETAILED SECTION A-A

CHIMNEY / FIREPLACES: INSERT PROPRIETARY FLEE LINERS TO BOTH CHIMNEYS. ENLARGE FIRE RECESSES FOR NEW WOOD BURNING + STOVE SUPPORT WITH REINFORCED LINTELS - LINE RECESS WITH FIRE BRICKS LIPS.

WINDOWS: EXISTING 4-16-16 SASH TO BE REPLACED LIKE FOR LIKE - SEE DETAIL - REPLACE VERTICAL BOARDS WINDOW REVEALS + CILLS. MAKE NEW OPENING 550x1000mm - STONE LINTELS + CILL - WINDOW REVEAL TO NEW REAR EXTENSION - ENLARGE DOORWAY INTO KITCHEN AND CREATE NEW OPENING. INSERT NEW LINTELS ABOVE AS DETAILED. BOARD REVEALS AS DETAILED OPPOSITE

INTERNAL WALL LININGS: TO EXTERNAL FACED WALLS BATTEN + DRY LINE WITH INSULATION + P/B PLASTER; RENEW AS DIRECTED BY S.O. WITH LIME LIGHT PLASTER.

NEW LOAD BEARING WALLS: BUILD UP STUD PARTITIONS IN F.F. COMPLETE WITH NEW DOOR FRAME

SECOND FIX: REPLACE DOORS - MOULDINGS - SKIRTINGS

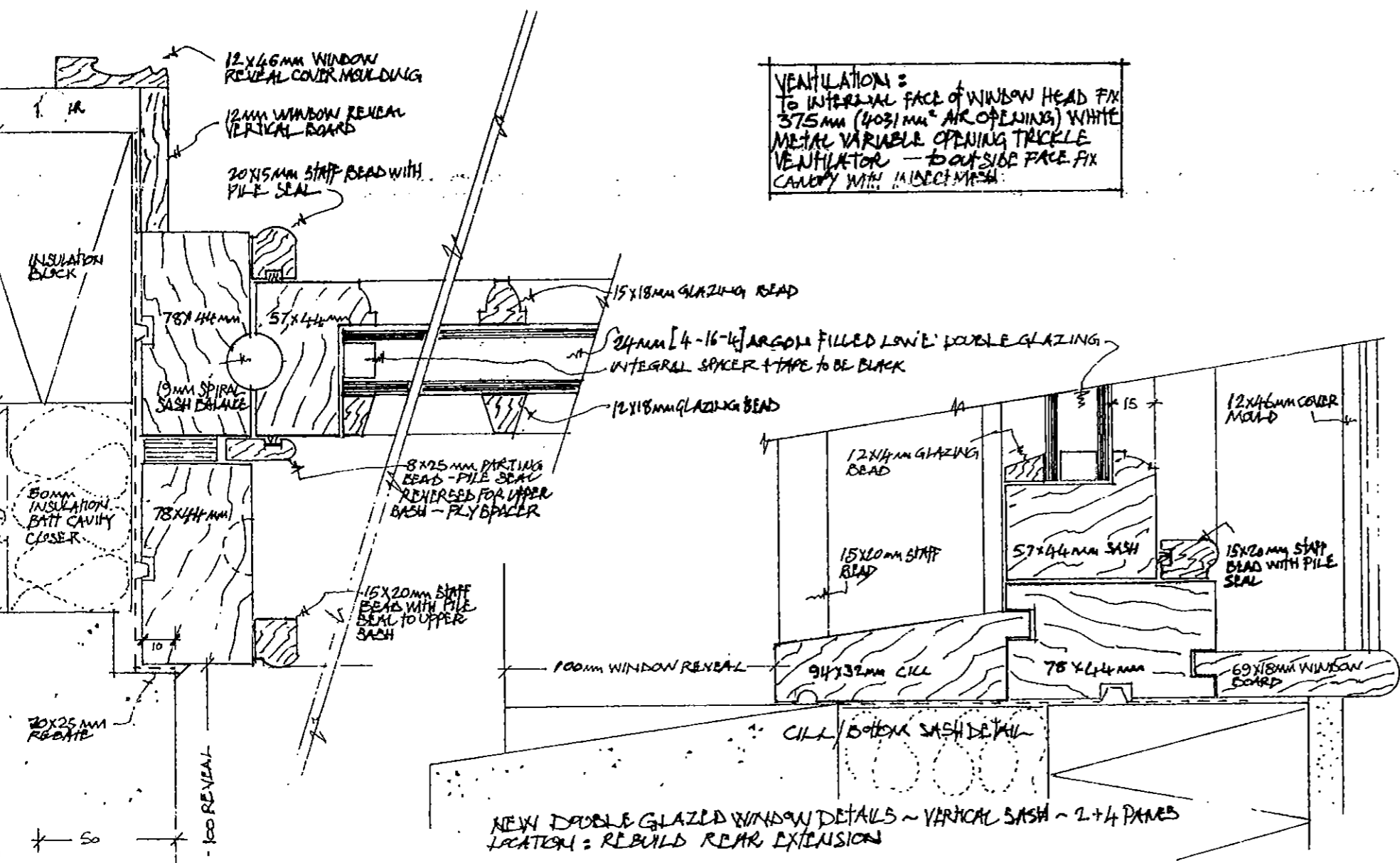
NEW EXTENSION: CONSTRUCT AS DETAILED ON SCHEME DRAWINGS

NYMNPA

9 AUG 2012

PROJECT - REFURISHMENT OF DALTON COTTAGE - IGHAM BRIDGE
CLIENT - MS. LAURA HEATH
DRAWING - SASH WINDOW DETAILS - SCHEDULE OF WORK
DWG No. - S/LB/11/15 REVA [JULY 2012]
SCALE - 1:2
DATE - JUNE 2012
DRAWN - MALCOLM WATSON
TITLE No. -

VENTILATION:
 TO INTERNAL FACE OF WINDOW HEAD FIX 375mm (4031mm² AIR OPENING) WHITE METAL VARIABLE OPENING TRACKLE VENTILATOR - TO OUTSIDE FACE FIX CANOPY WITH 1/16" INCH MESH

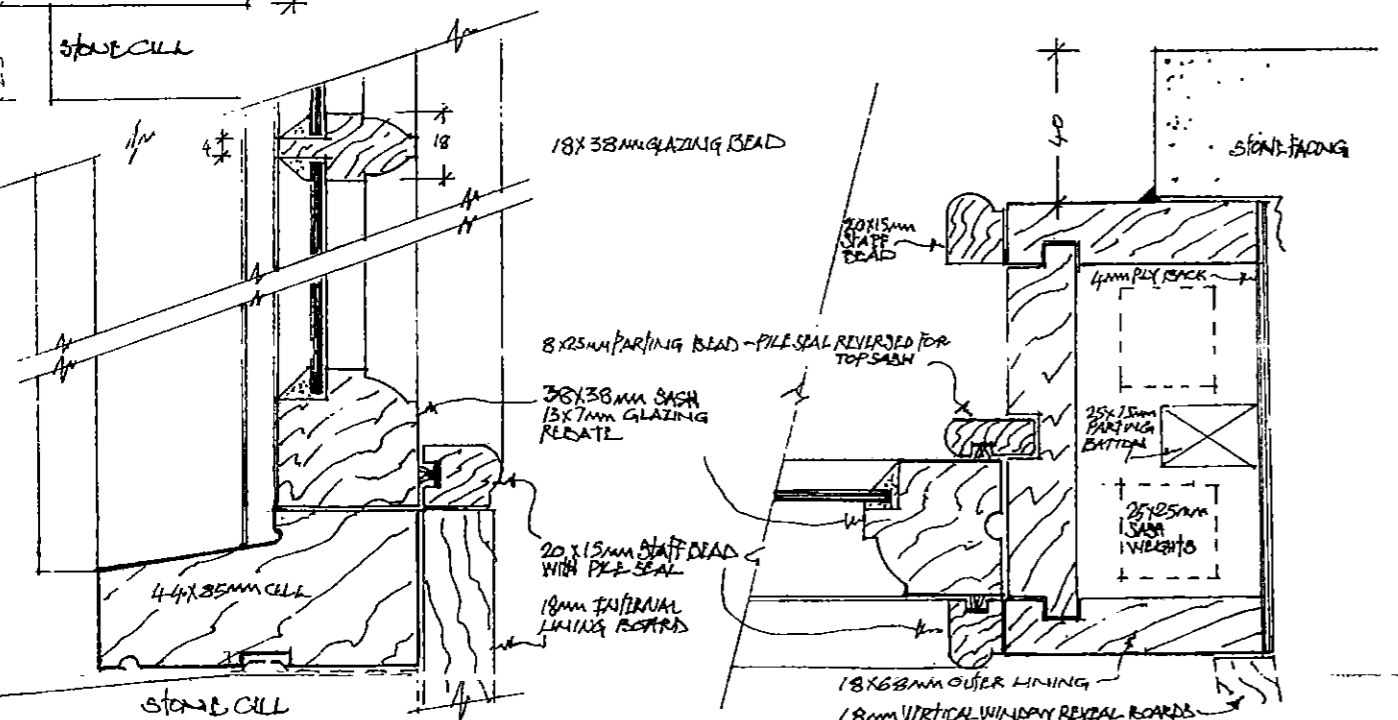


NEW DOUBLE GLAZED WINDOW DETAILS - VERTICAL SASH - 2+4 PANE
 LOCATION: REBUILD REAR EXTENSION

	OPENING SIZE		WINDOW SIZE	
	WIDTH	HEIGHT	WIDTH	HEIGHT
W6	900	1000	920	1000
W7	800	1000	920	1000
W8	400	850	420	850
W9	400	850	420	850
W10	900	1000	920	1000
W11	900	1120	920	1120
W12	650	750	670	750
W13	900	900	920	900

NOTE: WINDOWS SET 10mm INTO REVEAL BEHIND FACE - SEE PLAN DETAIL ABOVE

* FIRE ESCAPE WINDOW
 ACTUAL CLEAR OPENING OF SASH
 782 x 479mm [0.375 m²]

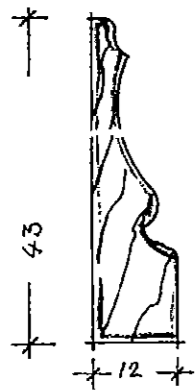


REPLACEMENT 16 PANE SASH WINDOW ~ W1 - W2 - W3 - W4. - WINDOW OPENING DIMS. TO BE MEASURED ON SITE
 [NO SASH WEIGHTS ON EXISTING]
 W5 - NEW WINDOW - 12 PANE - 1000x550mm

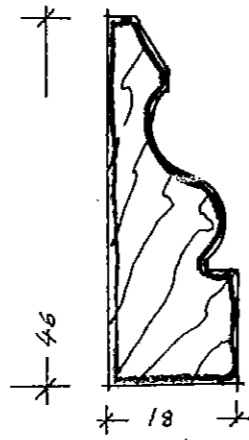
DALTON COTTAGE

GRADE II LISTED

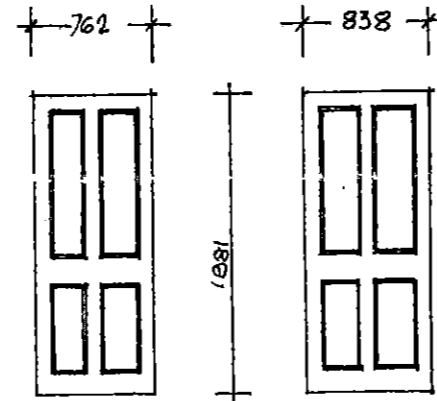
ALL EXISTING DOORS ARE TO BE CAREFULLY REMOVED. A FULL EXAMINATION ON THEIR CONDITION WITH THE BUILDING INSPECTOR TO ASCERTAIN THEIR SUITABILITY FOR RE-USE.



WINDOW REVEAL COVER MOULDING

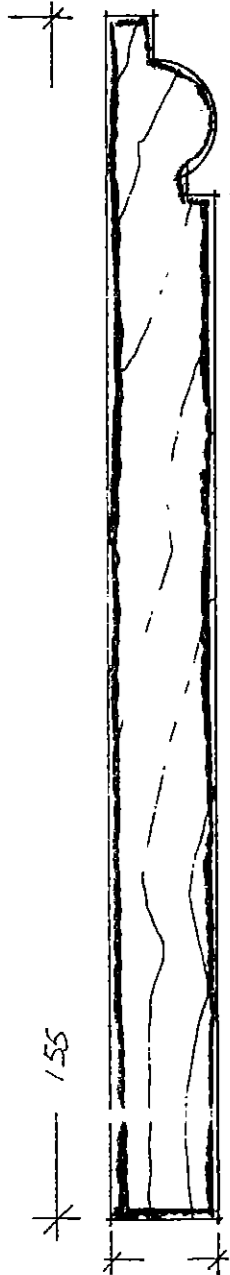


DOOR ARCHITRAVE REAR EXTENSION
[SECTION TO BE USED IN NEW BUILD]

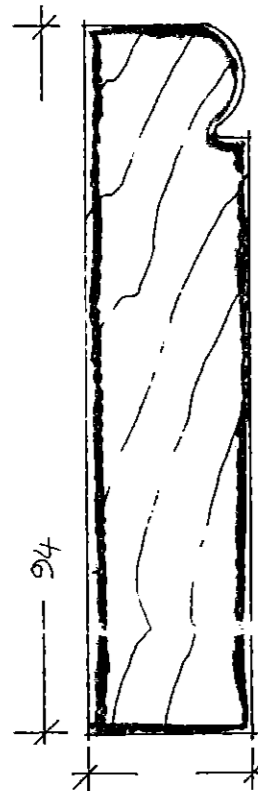


D1 D2-D3-D4-D5

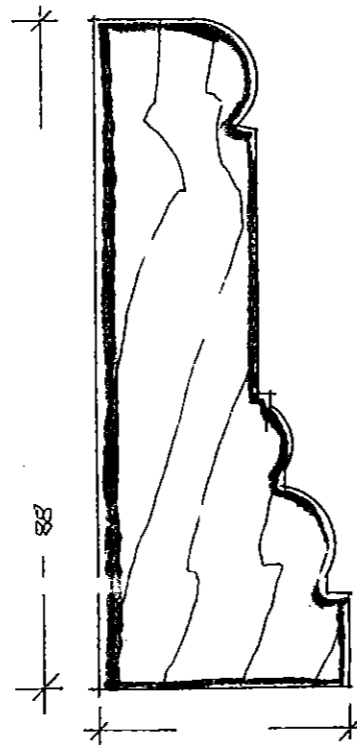
35mm 4 PANEL S.W. DOORS TO NEW EXTENSION
* FD30 FIRE DOOR WITH INTUMESCENT STRIP IN FRAME



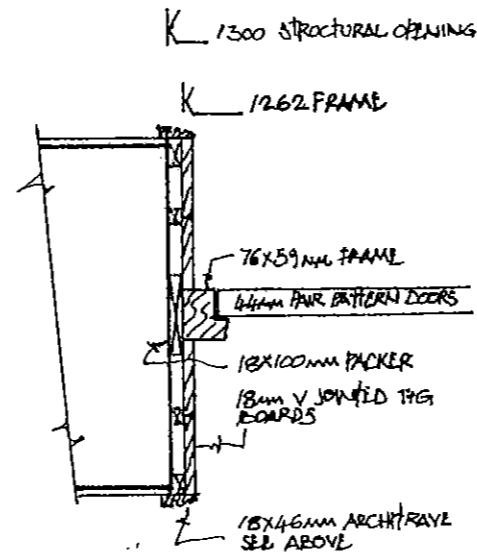
SKIRTING
[TO BE USED IN NEW EXTENSION]



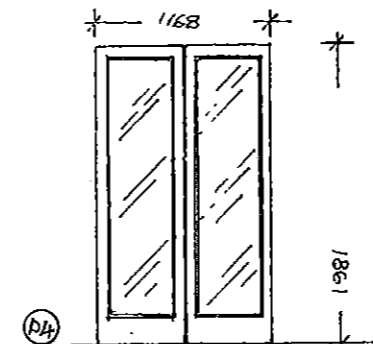
DOOR ARCHITRAVE
ADJACENT TO FRONT ENTRANCE



ALCOVE SHELF COVER MOULDING



DOOR JAMB/REVEAL DETAIL ~
KITCHEN/NORTH ROOM ~ 1:10
[REVEAL BOARD DETAIL TO BE USED DAY ROOM/SOUTH ROOM]



KITCHEN/NORTH ROOM DOOR [PROPOSED]
44mm S.W. PATTERN 20
[TOUGHENED GLAZING]

NYMNP
- 9 AUG 2012

EXISTING JOINERY SECTIONS [FULL SIZE]

PROJECT ▫ REFURISHMENT OF DALTON COTTAGE
EGTON BRIDGE
CLIENT ▫ MS. LAURA HEATH
DRAWING ▫ EXISTING + PROPOSED JOINERY DETAILS
DWG. NO. ▫ S/E B/11/16 REVA [JULY 2012]
SCALE ▫ FULL SIZE ~ 1:10
DATE ▫ JUNE 2012
DRAWN ▫ MALCOLM WATSON
TPI X66

2012/0524

MALCOLM WATSON : architect

North York Moors National Park
The Old Vicarage
Bondgate
Helmsley
York
YO62 5BP

Delves Farm
Egton Grange
Whitby
North Yorks
YO22 5BB

19 JUL 2012

my ref: S/EB/11
your ref:
date: 16 July 2012

Dear Sir,

Refurbishment and Part Rebuilding of Dalton Cottage - Egton Bridge
Your Ref: NYM/2011/0850

I refer to the Conditions on the Notice of Decision for Permission to Carry out Development and Listed Building Consent for the above.

Please find enclosures, itemised at the end of this letter, detailing the proposals.

Condition 3

As agreed with Edward Freeman, the photographic record may not be as complete as you require due to the difficulty of gaining access to the first floor and roof space. Two photographs on the first floor were taken at arms length to see round the corners. No architectural features apart from the panel doors could be seen. These are to be reused if their condition permits. The fireplaces appear to have been taken out. For existing joinery sections see dwg. no. 16

Conditions 4-5

With regard to the demolition, it is the aim to strip and take down by hand the slates and masonry for the materials to be reused in the rebuilt extension. You are aware that this section has been assessed by the Structural Engineer in accordance with BRE 251 as Category 5 [very severe] - 'danger of instability'. Temporary shoring of the structure would be required before any demolition work was started. Discussions with your engineer are to be arranged.

Condition 6

Please find enclosed detailed scheme drawings: Dwg. no. S/EB/ 11/ 10,11,12,13,14,15,16 indicating the extent and specification of the proposed Works. Again the extent of repairs to the first floor and roof is an unknown quantity and will have to be assessed when an inspection can be made.

Condition 8,9,10

I can confirm that a 1sq.m. Panel of stonework using a mortar mix as you prescribed and samples of any new slate will be provided for your approval.

Malcolm N Watson RIBA

NYMNDP

19 JUL 2012

Condition 11

With regard to the front door, repairs will be made to the panelling and bolection moulding. Ironmongery and hinges will be retained. A new five lever mortice lock will be fitted. The new entrance door to the lean-to extension will be standard Pattern 10 softwood door with clear toughened glazing and paint finish. Details indicated on dwg. no. 11.

Condition 12,13 14:

Please see constructional window details on dwg.no. 15.

Condition 15:

Please see type and constructional details for rooflight on dwg.no. 13.

Condition 16:

Rainwater goods will be black painted cast iron except for the the gutter to the lean-to extension. This will be black polyester coated aluminium. The change is required due to the timber backing fascia board behind being unable to take the weight of a cast iron fixings.

Condition 17,18,20,21,22:

Please see dwg. no. 07 for details of the land stabilization and landscaping, drainage, access and parking, fencing and tree protection works.

Condition 19:

Please see enclosed manufacturers leaflet for the proposed timber storage shed. May I confirm that the Model size is 10' x6' [3.048 x 1.829mm. The height to the eaves will be 1854mm and to the ridge 2340mm. The boards are finished in a brown stain and the roof covering is green mineral finish on bitumen felt.

I trust that these details meet with your approval. Please contact me if you require any further clarification.

Yours faithfully

Enc. One copy of the following drawings: S/EB/11/ 07 rev. F

08 rev. C

10 rev. A

11

12

13

14

15

16

One photographic record of the existing structure [ten pages]

One copy of garden shed brochure page.

Copy to Ms Laura Heath

Security Apex

8' x 6' Security Apex

STANDARD FEATURES

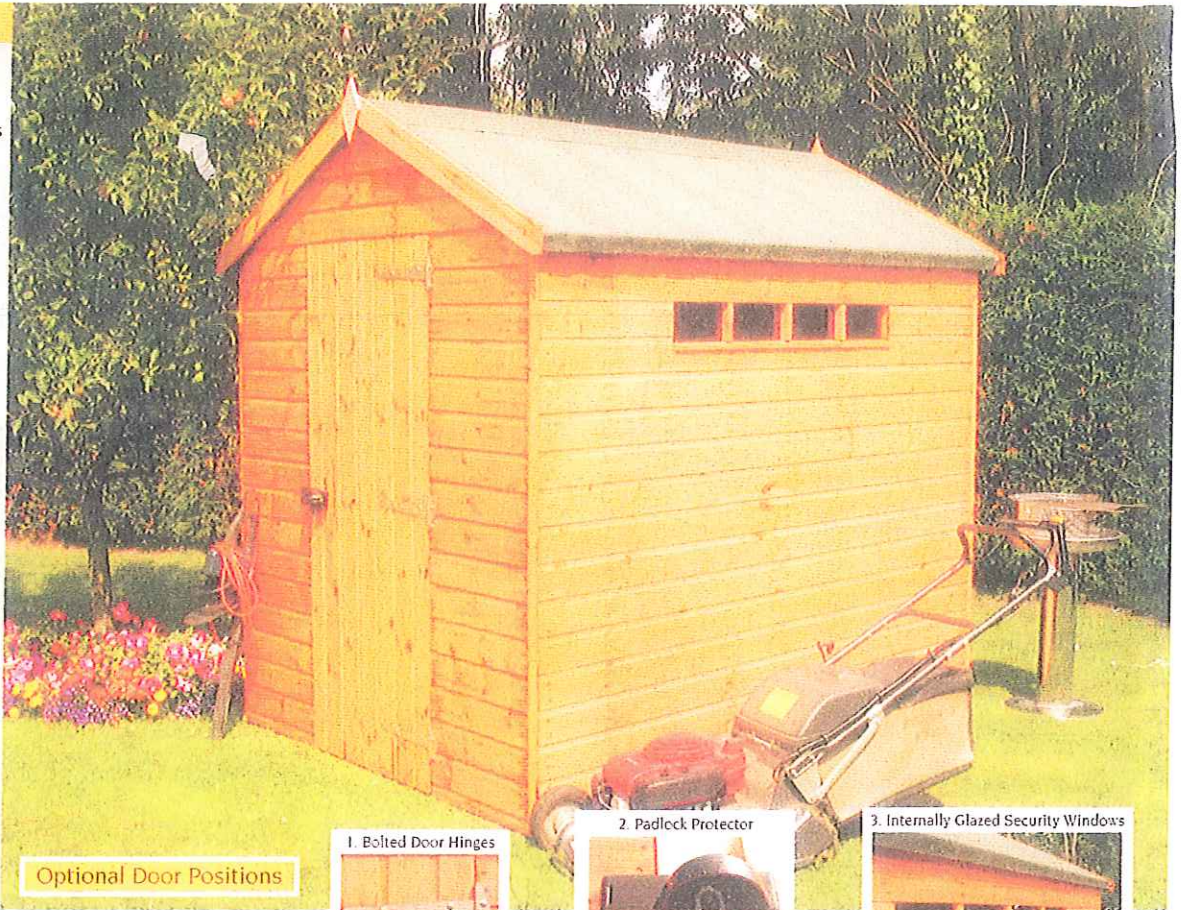
- framing at 1'-300mm intervals throughout for increased strength
- 50 x 50mm diagonal side bracing
- galvanised bolted hinges
- secure padbolt protector
- internal glazed security window

OPTIONS AVAILABLE

- 22mm premier cladding
- 22mm floor boards
- 50 x 50mm framing throughout
- ramp

SPECIFICATION

- sizes from:
 - 1.22m x 1.22m (4' x 4')
 - 3.66m x 2.44m (12' x 8')
- eaves ht. apex 1854mm
- ridge ht. apex 6' 2340mm
- 8' 2465mm
- 10' 2650mm
- door 1880 x 762mm
- windows 1220 x 150mm
- framing 32 x 50mm
- door framing 50 x 50mm
- cladding 16 x 125mm



Optional Door Positions

1. Bolted Door Hinges



2. Padlock Protector



3. Internally Glazed Security Windows



Security Pent

- 8' x 6' Security Pent, ramp for easy access, used as a mobility scooter shed

STANDARD FEATURES

- framing at 1'-300mm intervals throughout for increased strength
- 50 x 50mm diagonal side bracing
- galvanised bolted hinges
- secure padbolt protector
- internal glazed security window

OPTIONS AVAILABLE

- 22mm premier cladding
- 22mm floor boards
- 50 x 50mm framing throughout
- ramp

SPECIFICATION

- sizes from:
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 - 3.66m x 2.44m (12' x 8')
- eaves pent 1752mm
- ridge pent 1995mm
- door 1880 x 762mm
- windows 1220 x 150mm
- framing 32 x 50mm
- door framing 50 x 50mm
- cladding 16 x 125mm



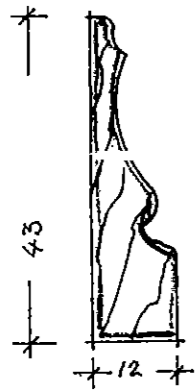
Optional Door Positions

NYMNDP

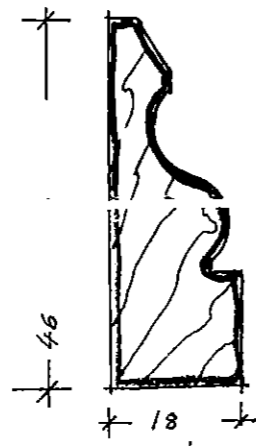
19 JUL 2012

DALTON COTTAGE

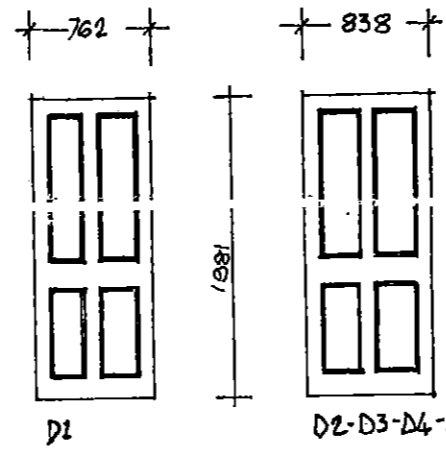
GRADE II LISTED



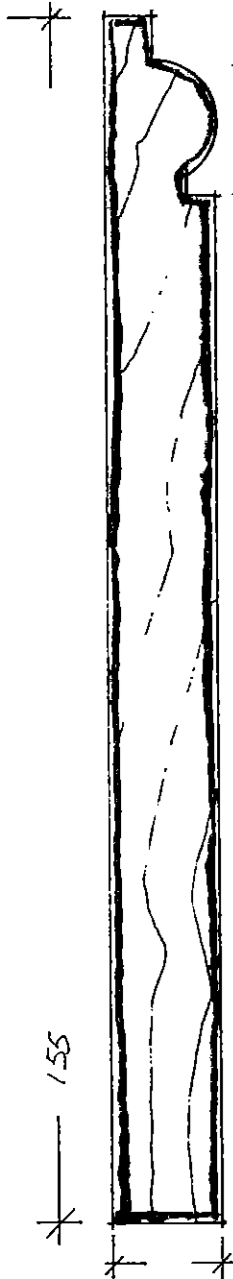
WINDOW REVEAL COVER MOLDING



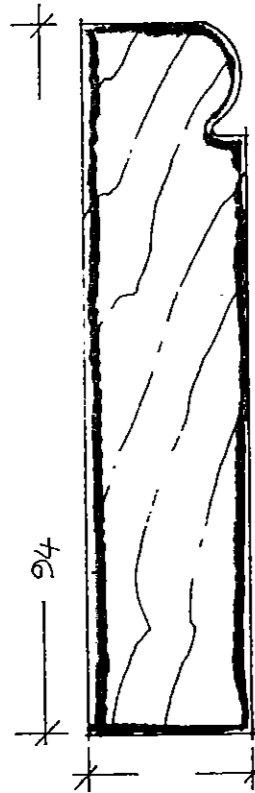
DOOR ARCHITRAVE REAR EXTENSION
[SECTION TO BE USED IN NEW BUILD]



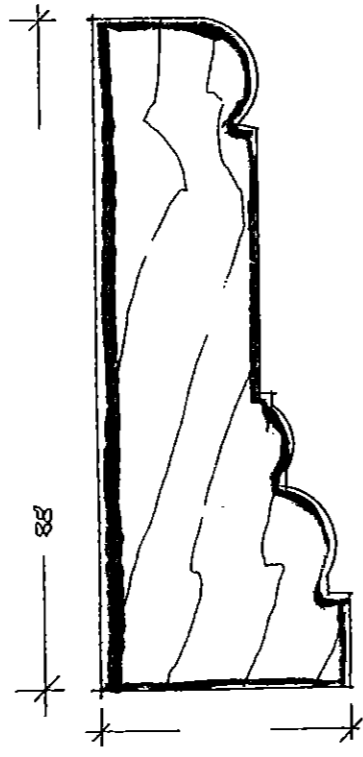
35mm 4-PANEL S.W. DOORS
TO NEW EXTENSION



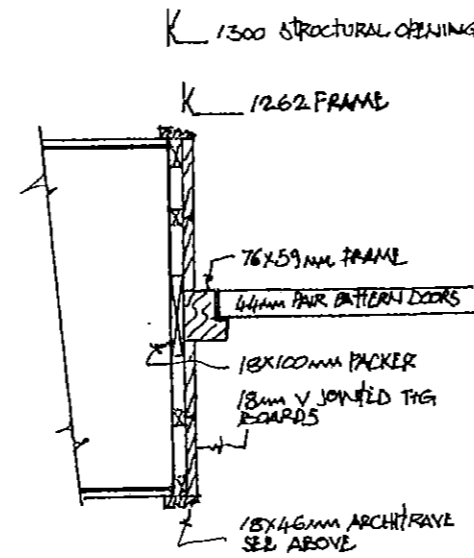
SKIRTING
[TO BE USED IN NEW EXTENSION]



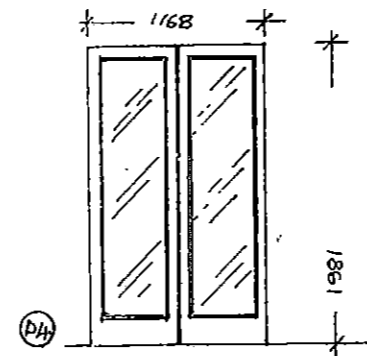
DOOR ARCHITRAVE
ADJACENT FRONT ENTRANCE



ALCOVE SHELF COVER MOLDING



DOOR JAMBS/REVEAL DETAIL ~
KITCHEN/NORTH ROOM ~ 1:10
[REVEAL BOARD DETAIL TO BE USED DAY ROOM/SOUTH ROOM]



KITCHEN/NORTH ROOM DOOR [PROPOSED]
44mm S.W. PATTERN 20
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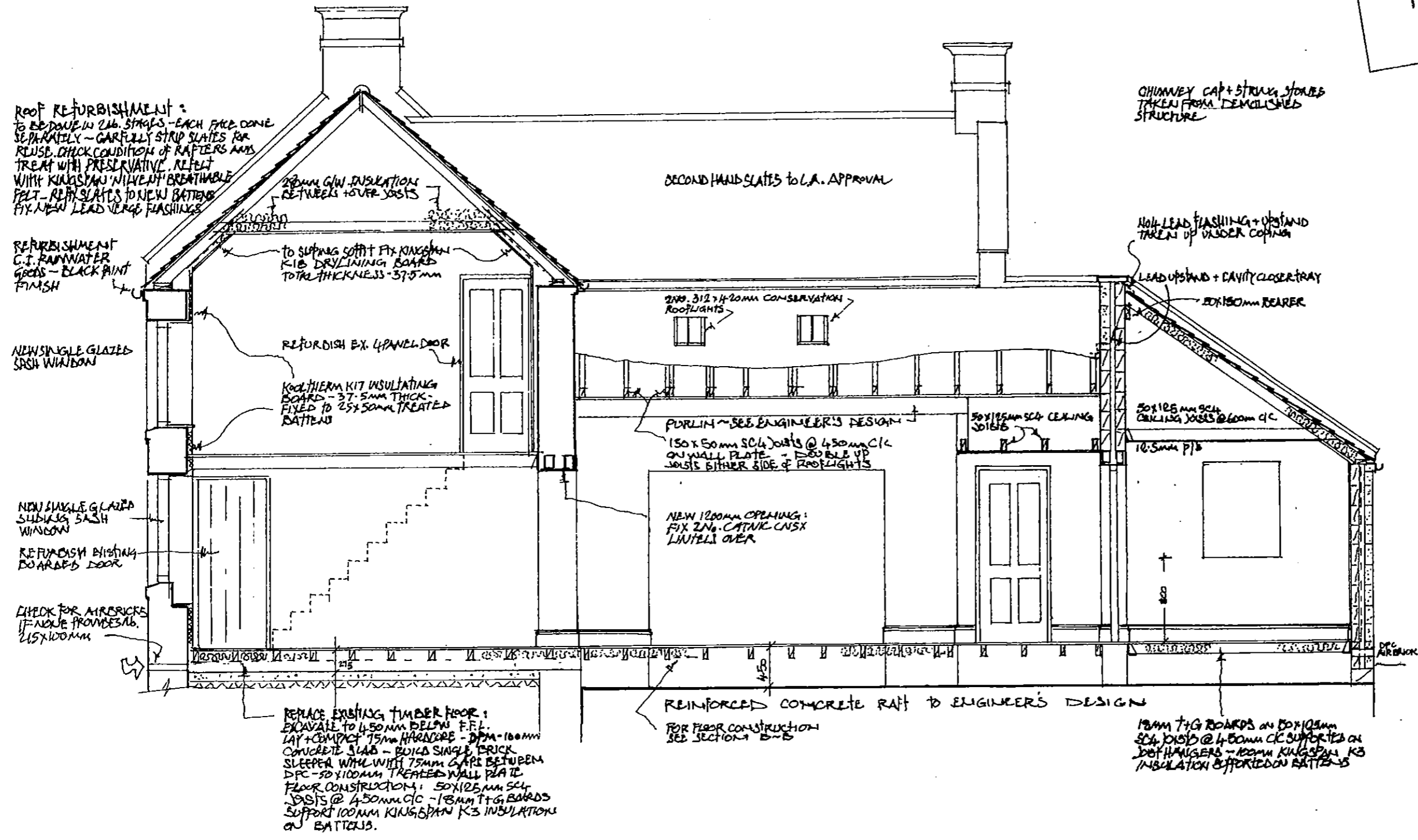
NYMPPA
19 JUL 2012

EXISTING JOINERY SECTIONS [FULL SIZE]

- PROJECT - REFURISHMENT OF DALTON COTTAGE
- CLIENT - MR LAURA HEATH
- DRAWING - EXISTING + PROPOSED JOINERY DETAILS
- DXG. NO. - S/E B/11/16
- SCALE - FULL SIZE ~ 1:10
- DATE - JUNE 2012
- DRAWN - MALCOLM WATSON
- TEL. NO. -

DALTON COTTAGE

NYMNPA
 19 JUL. 2012



ROOF CONSTRUCTION:
 SECOND HAND SLATING TO L.A. APPROVAL
 FIXED TO 25x32mm TREATED BATTENS ON 38x28mm COOPER BATTENS ON KINGSPAN W/WEATH BREATHABLE ROOFING FELT ON 150x50mm SCL RAFTERS @ 600mm C/C BIRDS MOUTHED OVER 50x125mm TREATED WALL PLATE HELD DOWN WITH 30x5x150mm GALV. STRAPS @ 1200mm C/C - WEDGE BETWEEN RAFTERS KINGSPAN K7 150MM FULL-FILL TABULATION - U VALUE 0.18 W/M²K

WALL CONSTRUCTION:
 300mm CAVITY WALL - DRESSED STONE TAKEN FROM DEMOLITION - BACK OFF STONE TO 125mm - 75mm CAVITY WITH 50mm KINGSPAN K3 CAVITY BOARD FIXED BACK TO 100mm TABULATION BLOCK. 216. COMT LIGHTWEIGHT PLASTER - U VALUE 0.25 W/M²K POINT WITH LIME SAND MIX 1:3 USING EQUAL PARTS SHARP + SOFT SAND

PROJECT ▫ RECURBISHMENT OF DALTON COTTAGE - EGBON BRIDGE
 CLIENT ▫ MS LAURA HEATH
 DRAWING ▫ SECTION A-A
 DRAWING No. ▫ S/EB/11/14
 SCALE ▫ 1-50
 DATE ▫ MAY 2012
 DRAWN ▫ MALCOLM WATSON
 TEL No. ▫

DALTON COTTAGE

N.B. CONTRACTOR TO NOTE THAT DUE TO THE EXISTING CONSTRUCTION ON THE FIRST FLOOR WAS POSSIBLE TO THE ARCHITECT ADDITIONAL WORK TO BE AGREED BETWEEN ARCHITECT/CONTRACTOR/L.A. CONSERVATION OFFICER WHEN ACCESS IS POSSIBLE.

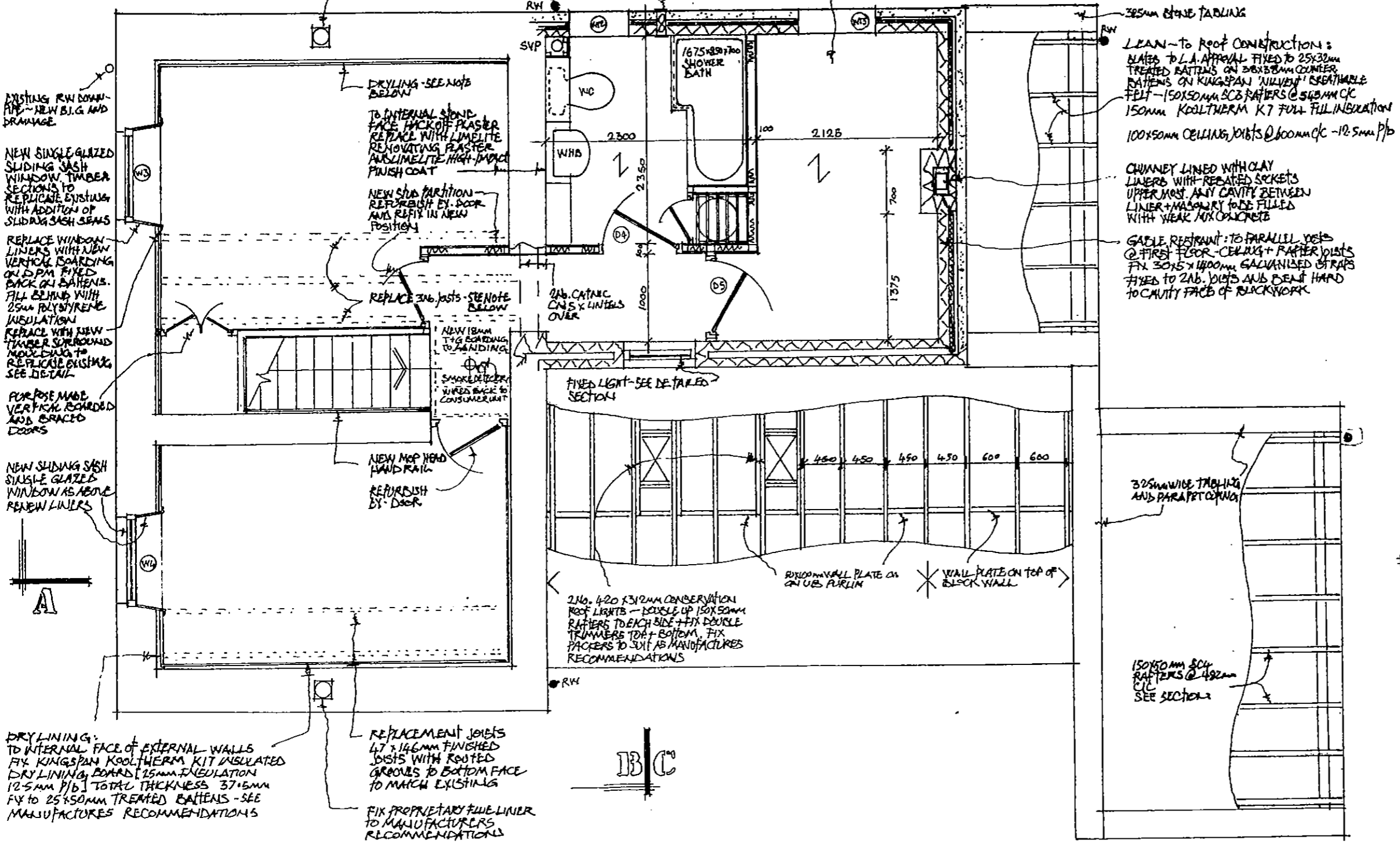
NYMAN/DA
19 JUL. 2012

STUD PARTITION CONSTRUCTION:
BOX 100MM STUDS @ 600MM C/C -
9.5MM P/L - 12.5MM SOUND
INSULATION IN 100MM ROCKWOOL
SOUND DEADENING QUILT
BETWEEN STUDS

FIX PROPRIETARY FLEEVELINER
TO MANUFACTURERS
RECOMMENDATIONS

BATHROOM FURNITURE:
700x300MM BACK TO THE
WALL - WC HOUSING UNIT
700x300MM UNIT FOR
SEMI-RECESSED BATH
700x300MM FULL DOOR
HOUSING UNIT

FLOOR CONSTRUCTION:
18MM T+G BOARDING TO BEDROOM
AND LANDINGS - 18MM C3 MOISTURE
RESISTANT CHIPBOARD TO BATHROOM
175x50MM SCB DOGS @ 450MM C/C
DOUBLE UP UNDER PARTITION
PROVIDE MID SPAN SOLID BRUTTING



EXISTING RW DOWN
PIPE - NEW B.I.G. AND
DRAINAGE

NEW SINGLE GLAZED
SLIDING SASH
WINDOW. TIMBER
SECTIONS TO
REPLICATE EXISTING
WITH ADDITION OF
SLIDING SASH SEAMS

REPLACE WINDOW
LINERS WITH NEW
VERTICAL BOARDING
ON D.P.M. FIXED
BACK ON BATTENS.
FILL BEHIND WITH
25MM POLYSTYRENE
INSULATION
REPLACE WITH NEW
TIMBER SURROUND
Mouldings TO
REPLICATE EXISTING
SEE DETAIL

PURPOSE MADE
VERTICAL BOARDS
AND BRACED
DOORS

NEW SLIDING SASH
SINGLE GLAZED
WINDOW AS ABOVE
RENEW LINERS

DRY LINING:
TO INTERNAL FACE OF EXTERNAL WALLS
FIX KINGSPAN KOOLTHERM KIT INSULATED
DRY LINING BOARD [25MM INSULATION
12.5MM P/L] TOTAL THICKNESS 37.5MM
FIX TO 25x50MM TREATED BATTENS - SEE
MANUFACTURERS RECOMMENDATIONS

REPLACEMENT JOISTS
47x146MM FINISHED
JOISTS WITH ROOTED
GROUNDS TO BOTTOM FACE
TO MATCH EXISTING

FIX PROPRIETARY FLEEVELINER
TO MANUFACTURERS
RECOMMENDATIONS

DRY LINING - SEE NOTE
BELOW

TO INTERNAL SOUND
FACE BACK OFF PLASTER
REPLACE WITH LIMELITE
RENOVATING PLASTER
AND LIMELITE HIGH IMPACT
FINISH COAT

NEW SHED PARTITION
REFURBISH BY DOOR
AND REFIX IN NEW
POSITION

REPLACE 3 No. JOISTS - SEE NOTE
BELOW

NEW 18MM
T+G BOARDING
TO LANDING

SMOKE DETECTOR
WIRES BACK TO
CONSUMER UNIT

B/C

FIRST FLOOR

385MM STONE TILING

LEAN-TO ROOF CONSTRUCTION:
BLADES TO L.A. APPROVAL FIXED TO 25x32MM
TREATED BATTENS ON 200x30MM COUNTER
BATTENS ON KINGSPAN 'NULVIEW' BREATHABLE
FELT - 150x50MM SCB BATTENS @ 540MM C/C
150MM KOOLTHERM K7 FULL FILL INSULATION
100x50MM CEILING JOISTS @ 600MM C/C - 12.5MM P/L

CHIMNEY LINED WITH CLAY
LINERS WITH REBATED SOCKETS
UPPER MOST ANY CAVITY BETWEEN
LINER + MASONRY TO BE FILLED
WITH WEAK MIX CONCRETE

GABLE RESTRAINT: TO PARALLEL JOISTS
@ FIRST FLOOR - CEILING + RAFTER JOISTS
FIX 30x5x1000MM GALVANIZED STRIPS
FIXED TO 2x6 JOISTS AND BEAT HARD
TO CAVITY FACE OF BRICKWORK

305MM WIDE TIMBERING
AND PARAPET CORNING

150x50MM SCB
BATTENS @ 450MM
C/C
SEE SECTION

A

PROJECT □ REFURBISHMENT OF DALTON
COTTAGE - ETON BRIDGE

CLIENT □ MRS. LAURA HEATH

DRAWING □ DETAIL FIRST FLOOR PROPOSAL 5

DWG. No. □ 3/E/B/11/12

SCALE □ 1:50

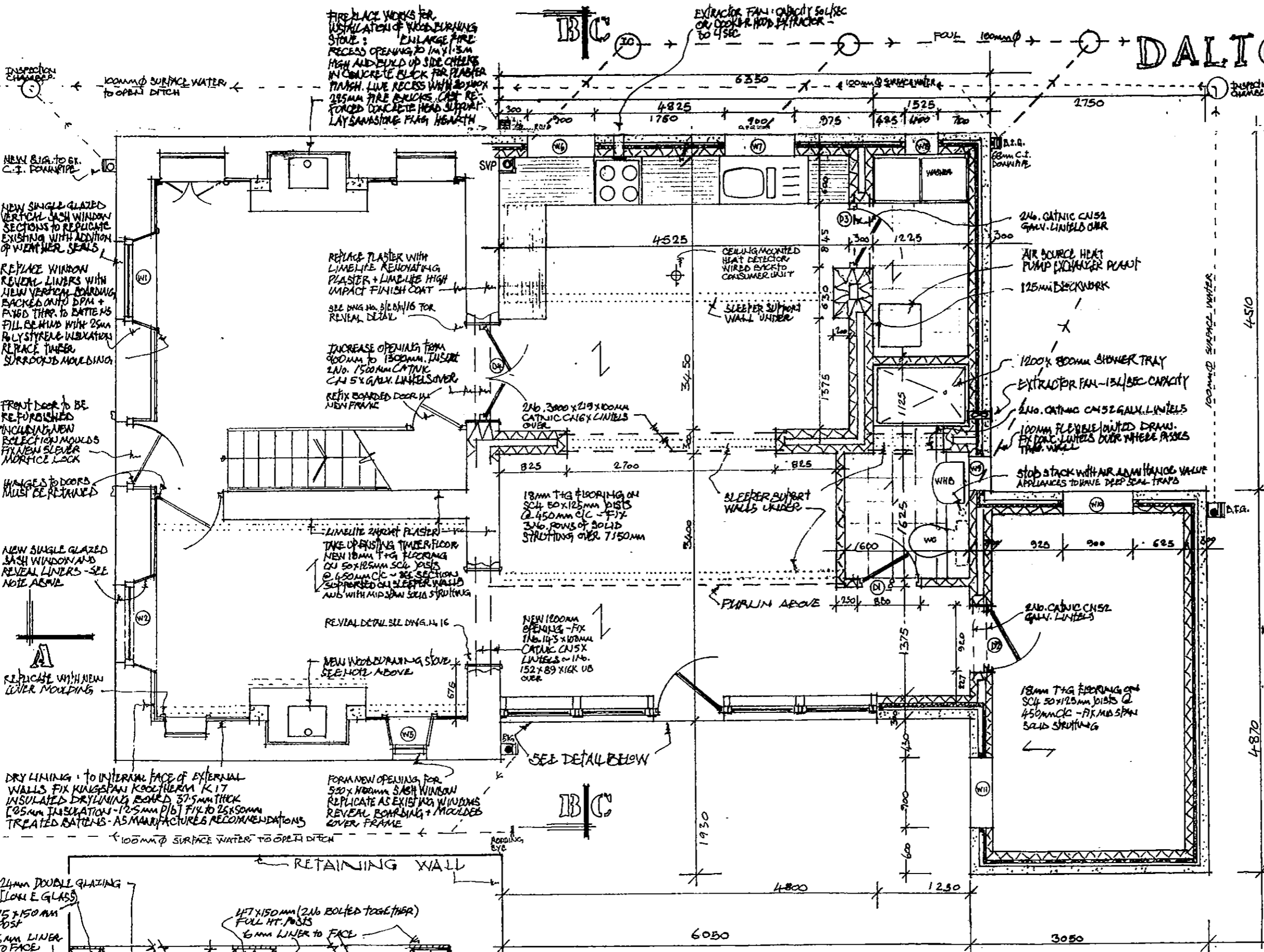
DATE □ JUNE 2012

DRAWN □ MALCOLM WATSON

TITLE □

DALTON COTTAGE

NYMNP
19 JUL 2012



CLACKROOM FURNITURE:
700x300mm WC BACK TO THE WALL HOUSING UNIT
200x800mm SINGLE DOOR UNIT
700x300mm UNIT FOR SEMI-RECESSED BASIN

ELECTRICAL INSTALLATIONS:
TO COMPLY WITH BS 7671:2001 REQUIREMENTS
FOR ELECTRICAL INSTALLATION 16TH EDITION
WORK TO BE CARRIED OUT BY A REGISTERED
ELECTRICIAN WHO WILL BE RESPONSIBLE FOR
THE DESIGN AND CERTIFICATION. COPY OF
CERTIFICATE TO BE SUPPLIED TO CLIENT + L.A.

DRAINAGE INSTALLATION:
TO BE INSTALLED IN ACCORDANCE WITH BS 8001
AND COMPLY WITH APPROVED DOCUMENTS PARTS
H1 + H3 - DRAINS TO 100mm HDPE LEVEL
SUPERLEVEL FLEXIBLE JOINTED SYSTEM
INSTALLER TO MANUFACTURER'S RECOMMENDATIONS
AT ALL TIMES. PIPES TO BE LAID TO FALLS 1:60 AGREE
ON SITE WITH THE BUILDING INSPECTOR.
CONCRETE LININGS TO BE INSTALLED OVER
WHERE PIPES PASS THRU WALLS.

GROUND FLOOR

DETAIL GLAZING/DOOR SCREEN
SCALE 1:10
[SEE ALSO DETAIL SECTION C-C]

PROJECT: REFURBISHMENT OF DALTON COTTAGE - ETON BRIDGE
CLIENT: MS. LAURA HEATH
DRAWING: DETAIL DRAWING - WIND PROBLEMS
DWG. No.: STEB/11/11
SCALE: 1:50 ~ 1:10
DATE: MAY 2012
DRAWN BY: MALCOLM WATSON
TEL. No.:

DRY LINING: TO INTERNAL FACE OF EXTERNAL WALLS FIX KINGSPAN KOOLHERM K17 INSULATED DRY LINING BOARD 37.5mm THICK (0.5mm INSULATION - 12.5mm P/B) FIX TO 25x50mm TREATED BATTENS - AS MANUFACTURER'S RECOMMENDATIONS

REPLACE WINDOW REVEAL LINERS WITH NEW VERTICAL BOARDING BACKED ONTO DPM + FIXED THRU TO BATTENS FILL BEHIND WITH 25mm POLYSTYRENE INSULATION REPLACE TIMBER SURROUNDS Moulding

FRONT DOOR TO BE RE-FURNISHED INCLUDING NEW REFLECTION Moulds FIX NEW SLIVER MORTICE LOCK

HINGES TO DOORS MUST BE RETAINED

NEW SINGLE GLAZED SASH WINDOW AND REVEAL LINERS - SEE NOTE ABOVE

REPLACE WITH NEW LINER Moulding

FIRE PLACE WORKS FOR INSTALLATION OF WOOD BURNING STOVE: ENLARGE FIRE RECESS OPENING TO 1m x 1.5m HIGH AND BUILD UP SIDE CHIMNEY IN CONCRETE BLOCK FOR PLASTER FINISH. LIVE RECESS WITH 200mm 250mm FIRE BRICKS. CAP RE- FORCED CONCRETE HEAD SUPPORT. LAY SANDSTONE FLAG HEARTH

REPLACE PLASTER WITH LIMELITE RENOVATING PLASTER + LIMELITE HIGH IMPACT FINISH COAT
SEE DNG. N.16 FOR REVEAL DETAIL

INCREASE OPENING FROM 900mm TO 1300mm. INSERT 2 No. 1500mm CATNIC C/4 5x GALL. LINTELS OVER. REFIX BOARDED DOOR IN NEW FRAME

LIMELITE REPAIR PLASTER
TAKE UP EXISTING TIMBER FLOOR
NEW 18mm T&G FLOORING ON 50x125mm SCL. JOISTS @ 450mm C/C - SEE SECTIONS SUPPLEMENTED ON SLEEPER WALLS AND WITH MID SPAN SOLID STRUCTURING

REVEAL DETAIL SEE DNG. N.16

NEW WOOD BURNING STOVE
SEE NOTE ABOVE

NEW 1200mm OPENING - FIX 2 No. 145x100mm CATNIC C/4 5x GALL. LINTELS OVER. 152x89 KICK UP OVER

18mm T&G FLOORING ON SCL 50x125mm JOISTS @ 450mm C/C - FIX 3 No. ROWS OF SOLID STRUCTURING OVER 7150mm

EXTRACTOR FAN: CAPACITY 50L/SEC OR 100L/SEC HOOD EXTRACTOR -

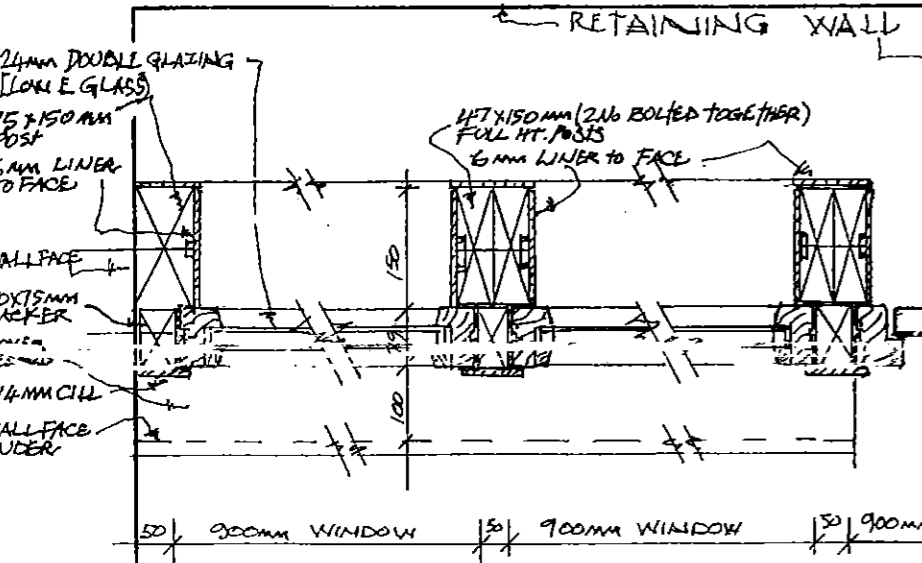
CEILING MOUNTED HEAT DETECTOR WIRED BACK TO CONSUMER UNIT

SLEEPER SUPPORT WALL UNDER

SLEEPER SUPPORT WALLS UNDER

PURLIN ABOVE

FORM NEW OPENING FOR 920x1900mm SASH WINDOW REPLICATE AS EXISTING WINDOWS REVEAL BOARDING + Moulded COVER FRAME



DALTON COTTAGE

N/B: CONTRACTOR TO NOTE THAT A COMPLETE DIMENSIONAL SURVEY WAS NOT COMPLETED - CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE
FLOOR LEVELS TO REBUILT EXTENSION TO BE SAME AS ORIGINAL STRUCTURE

SEE ALSO DETAILED SECTION DWG. No. 5/EB/11

N/A

19 JUL. 2012

MAIN CONSTRUCTION ELEMENTS:
DUO-PITCH ROOF - SLATES TO L.A. APPROVAL
25x32mm TREATED BATTENS TO GAUGE ON
50x50mm TREATED COUNTER BATTENS
FIXED OVER RAFTERS, KINGSPAN 'NULVENT' OR
SIMILAR BREATHABLE ROOFING FELT -
50x150mm SCL RAFTERS @ 600mm C/C BIRD-
MOUTHED OVER 125x50mm VAPOR PLATE HELD
DOWN WITH 150x30x5mm GALVANISED STRIPS
@ 1200mm C/C ~ 25x50mm RIDGE BOARD
FULL FILL INSULATION BETWEEN RAFTERS -
150mm KINGSPAN K7 PITCHED ROOF BOARD - 'U' VALUE 0.18 (W/M²K)

MONO PITCH ROOF - SLATES TO L.A. APPROVAL
AS ABOVE ON COUNTER BATTENS. INSULATION
AS ABOVE WITH ADDITIONAL KINGSPAN K12
INSULATED DRY LINING BOARD TO SOFFIT -
COMPRISING 25mm TUBULATION / 12.5mm P/B 'U' VALUE 0.15 (W/M²K)

300mm CAVITY WALL - REUSE DEMOLISHED
STONE - BACK OF D 125mm - 75mm CAVITY WITH
50mm KINGSPAN K8 CAVITY BOARD FIXED BACK
TO 100mm INSULATION BLOCK - 240 COAT PLASTER - 'U' VALUE 0.25 (W/M²K)
POINTING UNIFORM 1:3 USING EQUAL SHARP & SOFT SAND

DWAF WALL: 12.5mm P/B + 50mm ON VAPOUR CONTROL
BARRIER FIXED TO PRINCIPAL 150x100mm POSTS WITH
INTERMEDIATE 50x50mm POSTS @ 450mm C/C - OSB
SHEATHING BOARD FACED ON CAVITY SIDE WITH
KINGSPAN 'NULVENT' BREATHABLE MEMBRANE
SPACE BETWEEN STOPS FILLED WITH KINGSPAN K12-105mm
FRAMING BOARD INSULATION 'U' VALUE 0.24 (W/M²K)
125mm DRESSED STONE FINISH

SLATE ROOF STRIPPED + REFELTED
RAFTERS TO TREATED
REPLACE SLATES

DOUBLE GLAZED
32x160mm CONSERVATION
ROOFLIGHT
152x89 HIGH US
PURLIN

SLATE ROOF COVERING

1/2 ROUND CAST IRON GUTTER
TOP COURSE OF STONE BRIGHT
FORMED EDGING

BATHROOM

FIRST FLOOR CONSTRUCTION:
18mm T&G BOARD TO LANDING + BEDROOM
18mm WBP FLOOR COVERING RESISTANT
CHIPBOARD TO BATHROOM
175x50mm SCL JOISTS @ 450mm C/C
100mm ROCKWOOL BATTENS DEADENING QUILT
9.5mm P/B + SKIM

KITCHEN

FLOOR CONSTRUCTION:
18mm T&G BOARD ON 50x125mm SCL
JOISTS @ 450mm C/C - SUPPORT ON
JOIST HANGERS AND BLEEPER WALLS AS
INDICATED SEE DETAILED SECTION FOR
CROSS VENTILATION DETAILS.
100mm KINGSPAN K3 FLOOR INSULATION
SUPPORTED ON BATTENS FIXED TO JOISTS.

REINFORCED CONCRETE PATH TO ENGINEER'S DESIGN

PROJECT ■ REFURBISHMENT OF DALTON
COTTAGE - ETON BRIDGE
CLIENT ■ MS LAURA HEATH
DRAWING ■ PROPOSED SECTION E-E
DWG. No. ■ 5/EB/11/10 REV. A MAY 2012
SCALE ■ 1:50
DATE ■ OCT 2011
DRAWN ■ MALCOLM WATSON
TEL. No. ■

DALTON COTTAGE GRADE II LISTED

19 JUL. 2012

SCHEDULE & WORK

EXCAVATION: EXCAVATE BACK ALONG SOUTH ELEVATION A 2M STRIP DOWN TO 150MM BELOW FINISHED FLOOR LEVEL FOR CONSTRUCTION OF NEW STRUCTURAL RETAINING WALL - SEE ENGINEER'S DETAIL EXCAVATED MATERIAL TO BE SPREAD EVENLY ADJACENT TO WEST AND NORTH ELEVATION AS DIRECTED BY SUPERVISING OFFICER [S.O.]

DEMOLITION: TO REAR EXTENSION, GARAGE AND OUTBUILDING; CONTRACTOR TO NOTE THAT THE STONE FACINGS, MOULDINGS OF CHIMNEY STACK AND COMPLETE JUNCTS + CILLS TOGETHER WITH SLATES ARE TO BE STRIPPED AND TAKEN DOWN BY HAND FOR REUSE IN REBUILD WORK. CONTRACTOR TO NOTE STRUCTURAL ENGINEER'S ASSESSMENT CLASSIFYING THIS SECTION IN ACCORDANCE WITH BRE 251 AS CATEGORY 5 "VERY SEVERE AND DANGER OF STABILITY." A RISK ASSESSMENT AND METHOD STATEMENT FOR THE TEMPORARY SHORING PRIOR TO DISMANTLING OF STRUCTURE BY HAND MUST BE SUBMITTED + APPROVED WORK TO MAIN TWO STOREY HOUSE:

PREPARATORY WORK - BEFORE WORK COMMENCES INTERNALLY - FIX TEMPORARY SUPPORTS AND FLOOR COVERING AHEAD OF STAIRS TO ENABLE A FULL INSPECTION OF THE FIRST FLOOR WITH THE S.O. TO ENABLE A FULL RECORD OF THE ROOMS TO BE MADE AND TO CONFIRM RENOVATION WORKS

STRIPPING OUT FOR REUSE: CAREFULLY TAKE OUT AND STORE FOR REUSE ALL ROOM + DOORBOARD DOORS [N.B. HINGLES TO ENTRANCE DOOR + BATH ROOM ARE TO BE RETAINED AND REUSED] SKIRTINGS, ARCHITRAVES, CURBBOARD + WINDOW REVEAL MOULDINGS. AGREE WITH S.O. CONDITION OF SECTIONS SUITABLE FOR REUSE AND PROVIDE FIX NEW AS DETAILED

ROOF WORKS: TO BE SPLIT INTO TWO WITH ONE FACE STRIPPED AND RETROFIT BEFORE WORK COMMENCE ON THE OTHER FACE. ALL SLATES TO BE TAKEN OFF CAREFULLY AND STACKED FOR REUSE. A FULL INSPECTION WITH THE S.O. OF ALL ROOF TIMBERS AND AGREE REPLACEMENTS AS DEEMED NECESSARY. A UNIVERSAL WOODWORM + PRESERVATIVE SOLUTION TO BE APPLIED TO ALL TIMBERS. REPLACE SLATES ON NEW BATTENS + FELT AS DETAILED + ALLOW FOR NEW LEAD FLASHINGS.

EXTERNAL STRUCTURAL WORKS: REPAIR STRUCTURAL CRACKING - SEE ENGINEER'S REPAIR AND DIAG. NO. 5/11/08. REINFORCE LIME OVER ENTRANCE DOOR AND BUILD UP MISSING SECTIONS OF DOOR LINING SOUTH ROOM G.F. - TAKE OUT ROTTEN TIMBER FLOOR - REPLACE AS DETAILED SECTION A-A

CHIMNEY/FIREPLACES: INSERT PROPRIETARY FIBRE LINERS TO BOTH CHIMNEYS. ENLARGE FIRE RECESSES FOR NEW WOOD BURNING STOVES SUPPLY WITH REINFORCED LINTELS - LINE RECESS WITH FIRE BRICK SLIPS.

WINDOWS: EXISTING 4/6/16 PANE SASH TO BE REPLACED LIKE FOR LIKE - SEE DETAIL. REPLACE VERTICAL BOARDED WINDOW REVEALS + CILLS. MAKE NEW OPENING 550/1000mm - STONE LINTELS + CILL - WINDOW REVEAL TO NEW OPENINGS TO NEW REAR EXTENSION - ENLARGE DOORWAY INTO KITCHEN AND CREATE NEW OPENING

INSERT NEW LINTELS ABOVE AS DETAILED. BOARD REVEALS AS DETAILED OPPOSITE

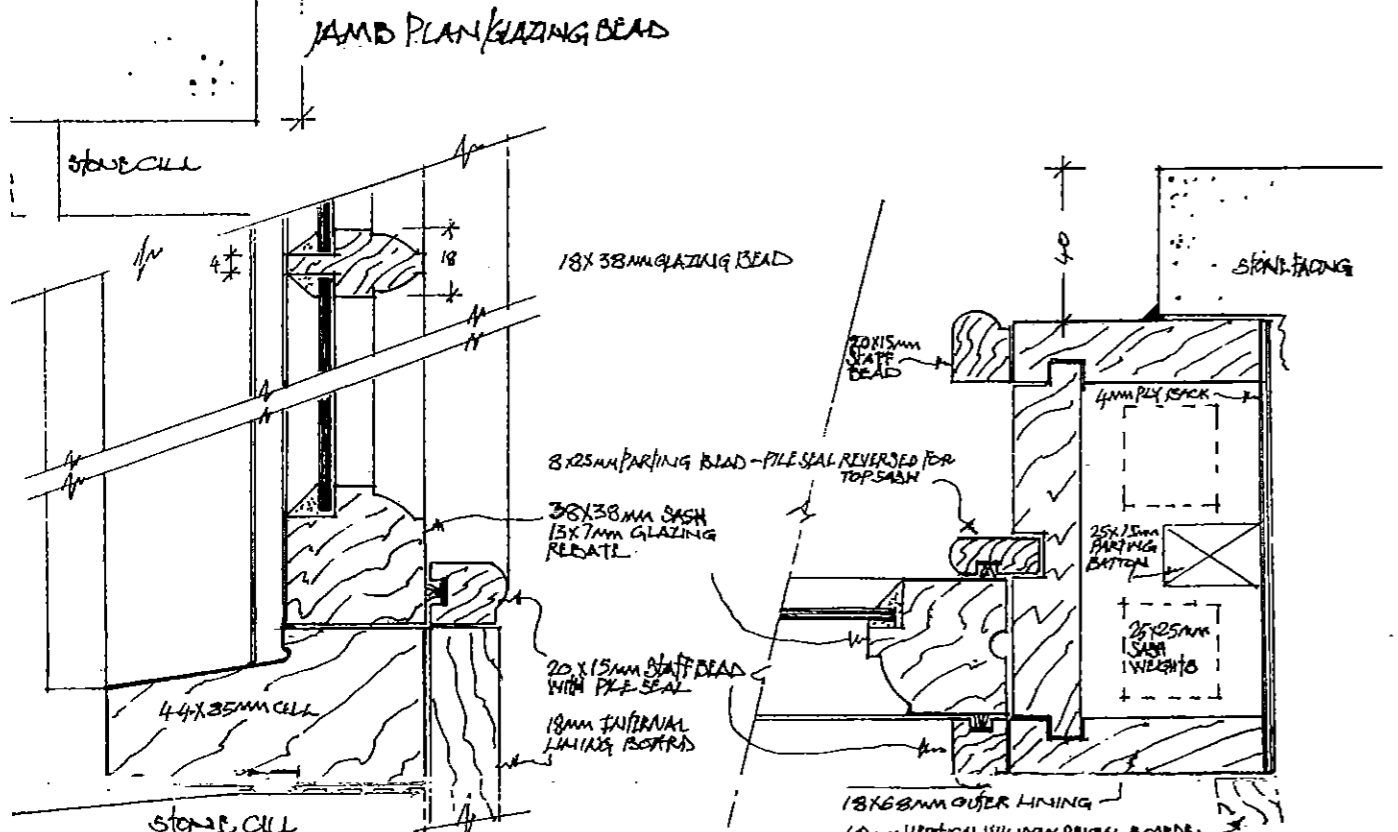
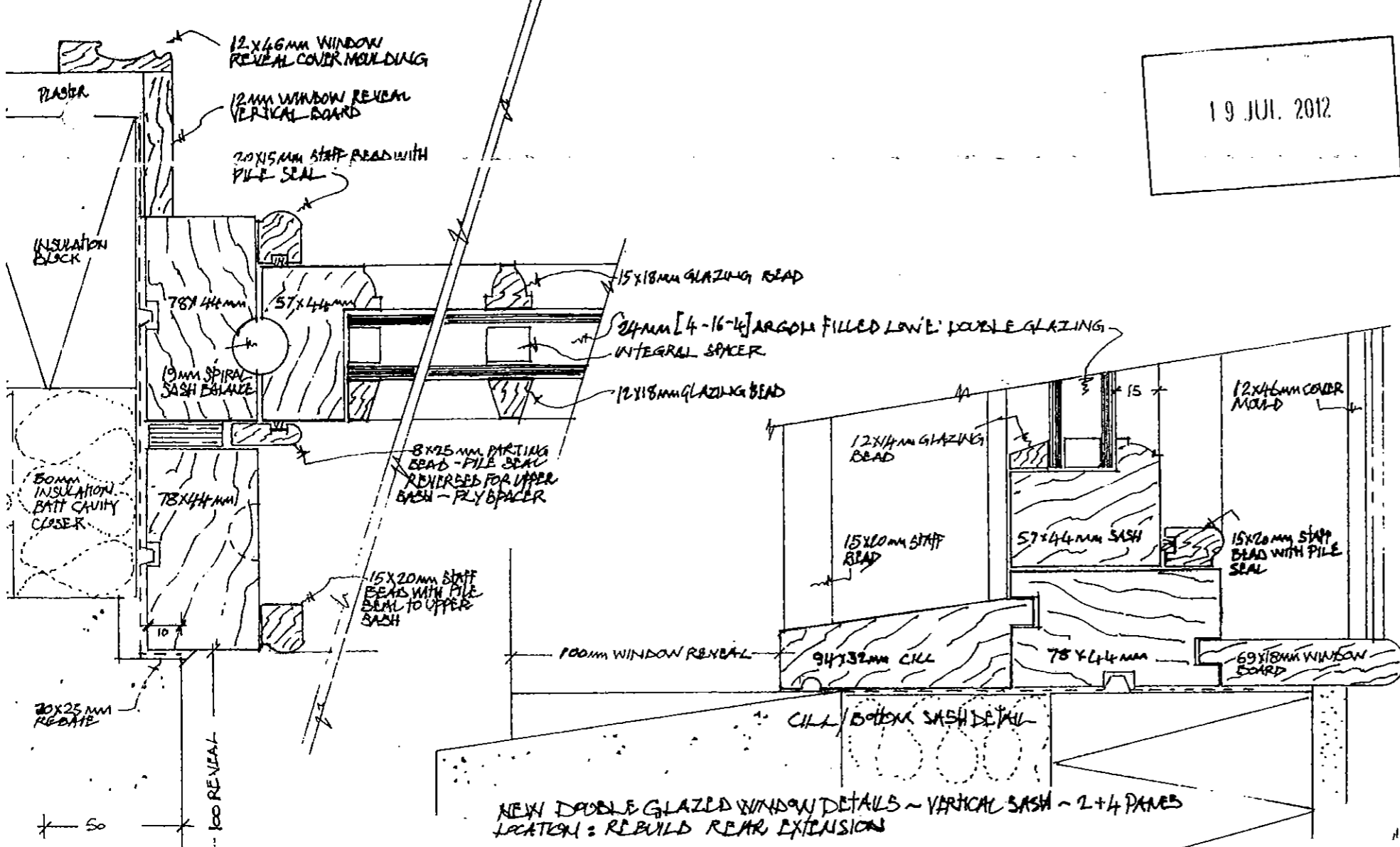
INTERNAL WALL LININGS: TO EXTERNAL FACED WALLS BATTEN + DRY LINE WITH INSULATION + P/B PLASTER: RENOVAS DIRECTED BY S.O. WITH LIME LIGHT PLASTER

NEW LOAD BEARING WALLS: BUILD UP STUB PARTITIONS IN F.F. COMPLETE WITH NEW DOOR FRAME

SECOND FIX: REPLACE DOORS - MOULDINGS - SKIRTINGS

NEW EXTENSION: CONSTRUCT AS DETAILED ON SCHEME DRAWINGS

PROJECT - REFURISHMENT OF DALTON COTTAGE - ETON BRIDGE
CLIENT - Mrs. Laura Heath
DRAWING - SASH WINDOW DETAILS - SCHEDULE & WORK
DWG No. - S/LB/11/15
SCALE - 1:2
DATE - JUNE 2012
DRAWN - MALCOLM WATSON



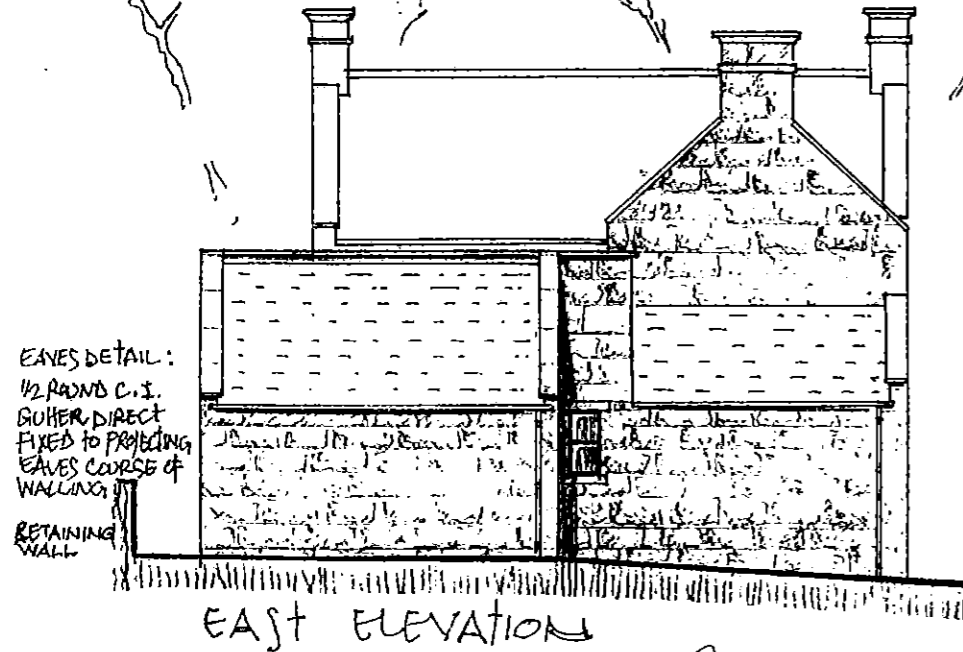
	OPENING SIZE		WINDOW SIZE	
	WIDTH	HEIGHT	WIDTH	HEIGHT
W6	900	1000	920	1000
W7	900	1000	920	1000
W8	400	850	420	850
W9	400	850	420	850
W10	900	1000	920	1000
W11	900	1000	920	1000
W12	650	750	670	750
W13	900	900	920	900

NOTE: WINDOWS SET 10MM INTO REVEAL BEHIND FACE - SEE PLAN DETAIL ABOVE

REPLACEMENT 16 PANE SASH WINDOW 2 - W1 - W2 - W3 - W4. - WINDOW OPENING DIMS. TO BE MEASURED ON SITE
 TIMBER SECTION SIZES TAKEN FROM EXISTING
 [NO SASH WEIGHTS ON EXISTING]
 W5 - NEW WINDOW - 12 PANE - 1100x550mm

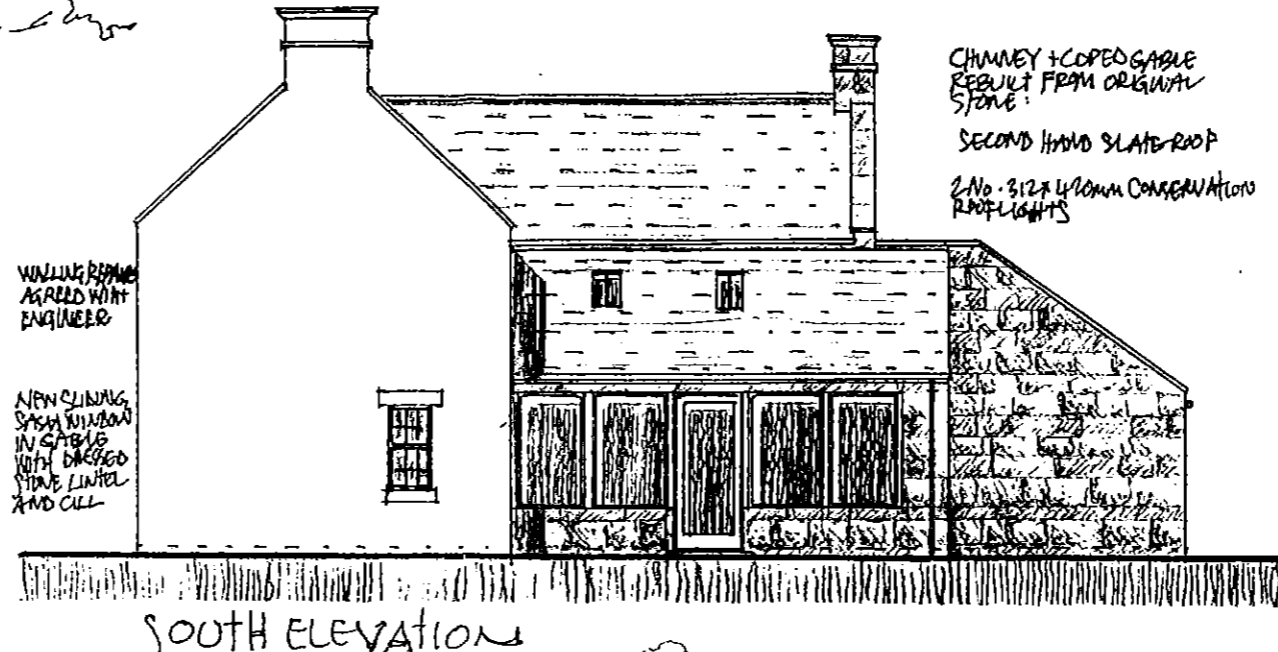
DALTON COTTAGE

REVISED
19 JUL. 2012



EAVES DETAIL:
1/2 ROUNDS C.I.
GUTTER DIRECT
FIXED TO PROJECTING
EAVES COURSE OF
WALLING
RETAINING
WALL

EAST ELEVATION



WALLING REPAIRS
AS AGREED WITH
ENGINEER

NEW SLIDING
SASH WINDOW
IN GABLE
WITH BAGGED
STONE LINTEL
AND CILL

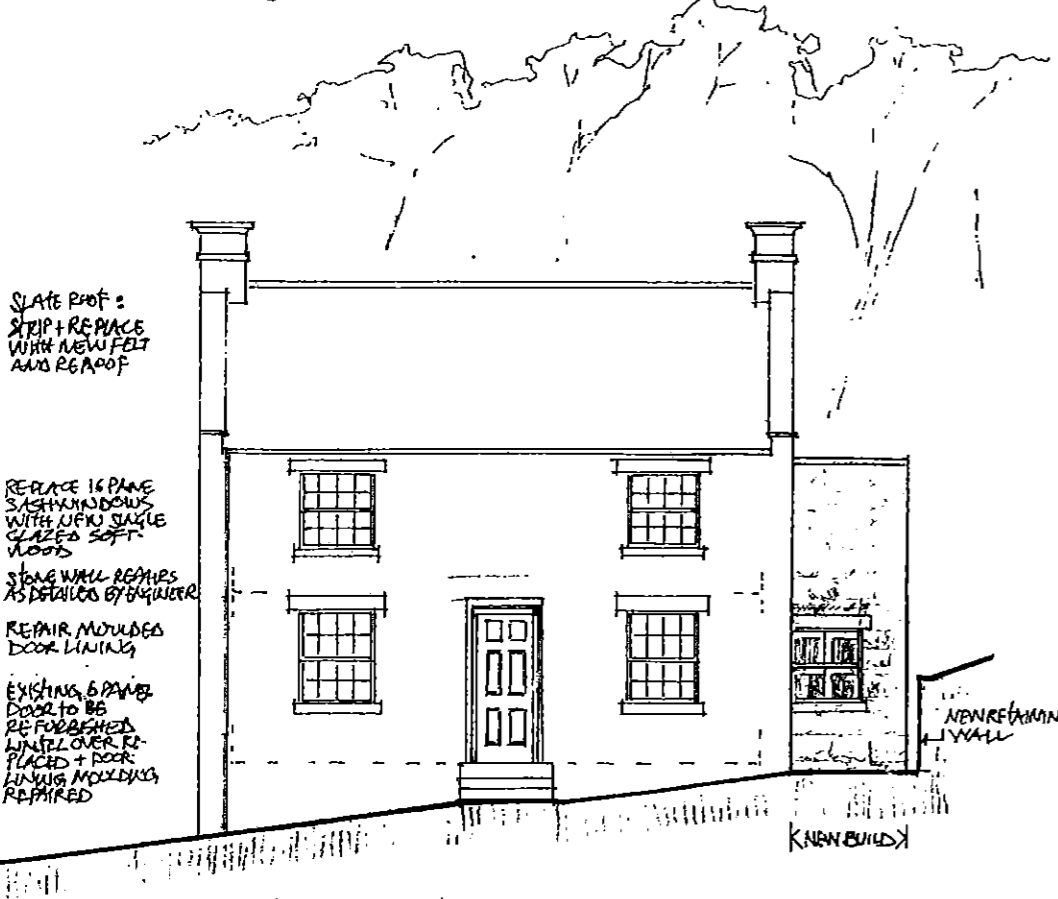
CHIMNEY + COPED GABLE
RESULT FROM ORIGINAL
STONE

SECOND HAND SLATE ROOF

2 No. 312 x 410mm CONSERVATION
ROOF LIGHTS

SOUTH ELEVATION

NEW WALLING:
COURSED DRESSED SANDSTONE RESULT FROM
DEMOLISHED STRUCTURE INCLUDING COPED
GABLE AND CHIMNEY STRING + CAP STONES.
POINTING TO BE LIME/SAND MIX OF EQUAL
PARTS SHARP AND SOFT BANDS FINISH TO
BE SLIGHTLY RECESSED WITH BAGGED FINISH



SLATE ROOF:
STRIP + REPLACE
WITH NEW FELT
AND RE-ROOF

REPLACE 16 PANE
SASH WINDOW WITH
NEW SLIDE
CLOSED SOFT
WOOD

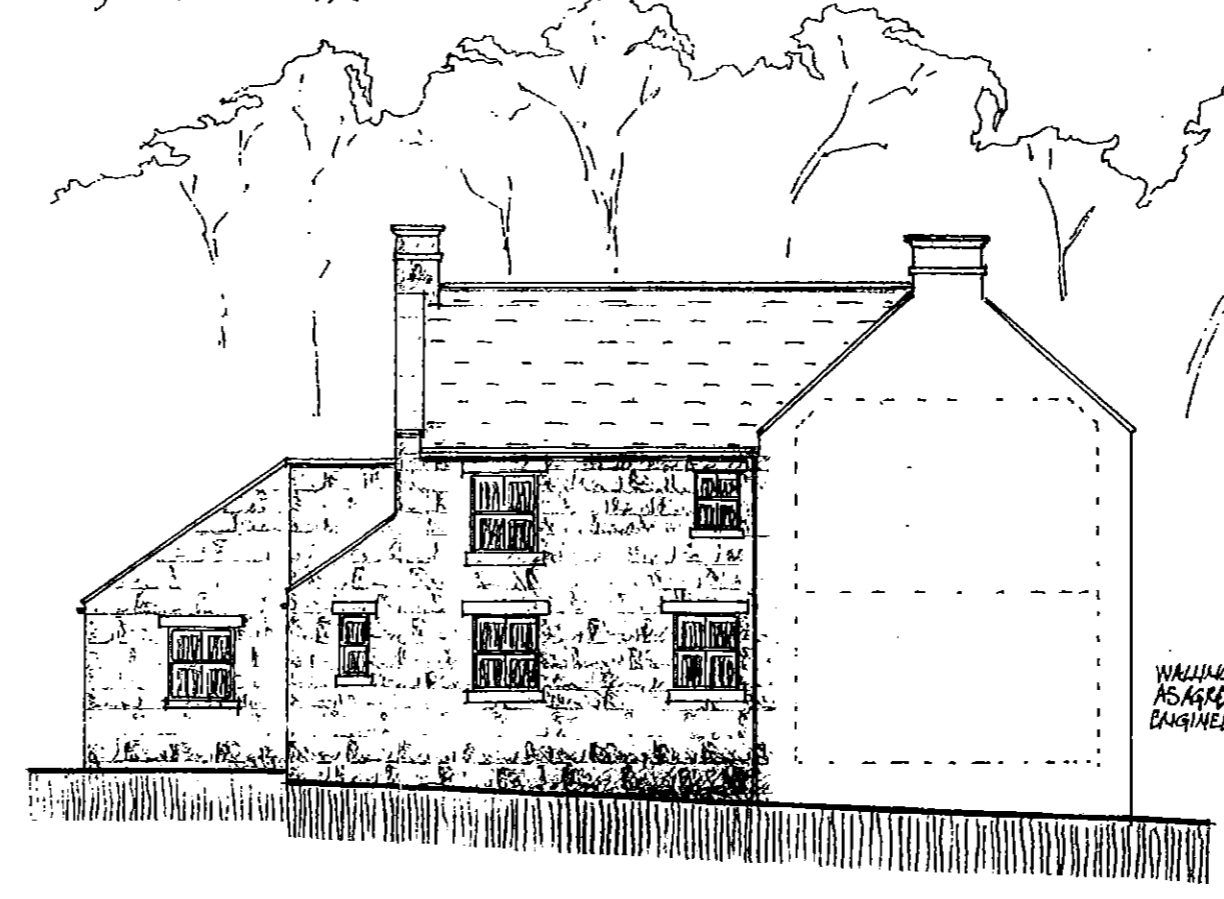
STONE WALL REPAIRS
AS DETAILS BY ENGINEER

REPAIR MOULDED
DOOR LINING

EXISTING 6 PANE
DOOR TO BE
REFURBISHED
LINTEL OVER RE-
PLACED + DOOR
LUNING MOULDING
REPAIRED

NEW RETAINING
WALL

WEST ELEVATION



WALLING REPAIRS
AS AGREED WITH
ENGINEER

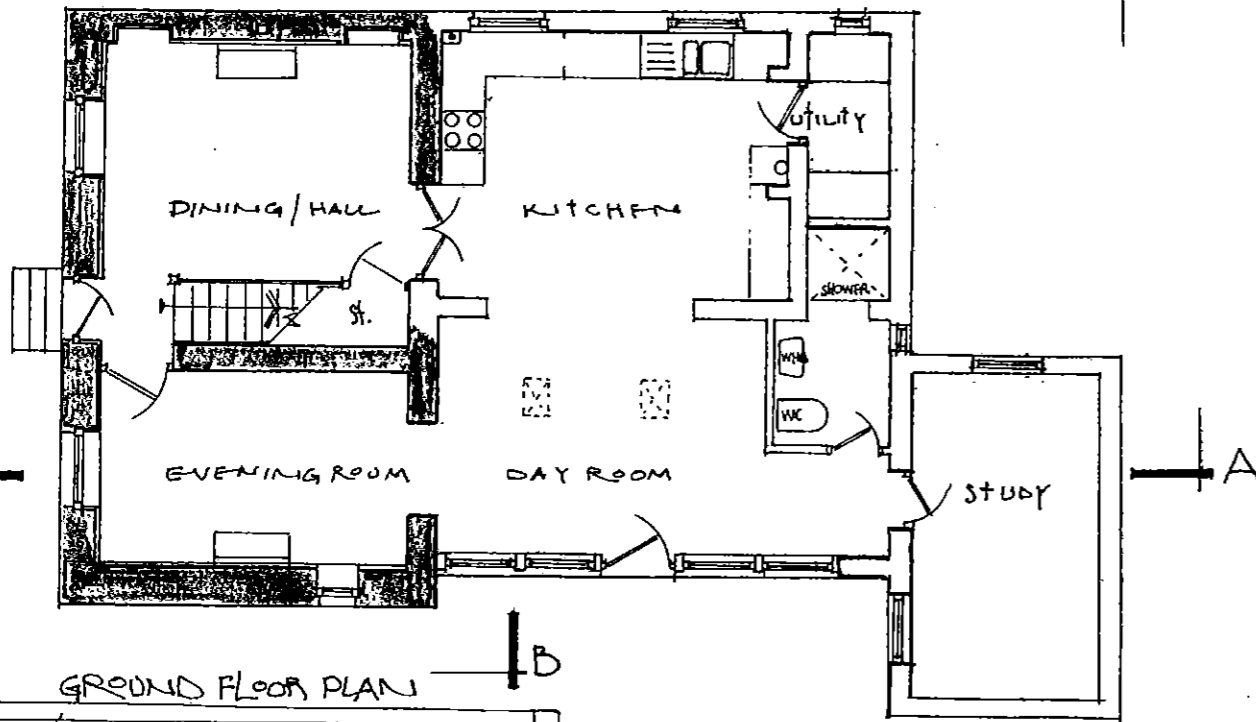
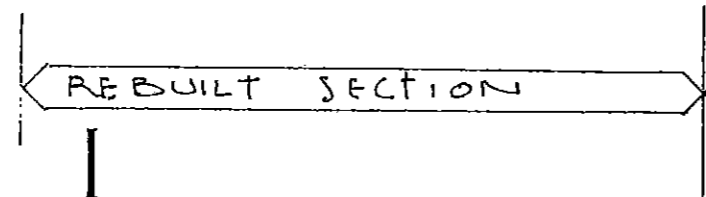
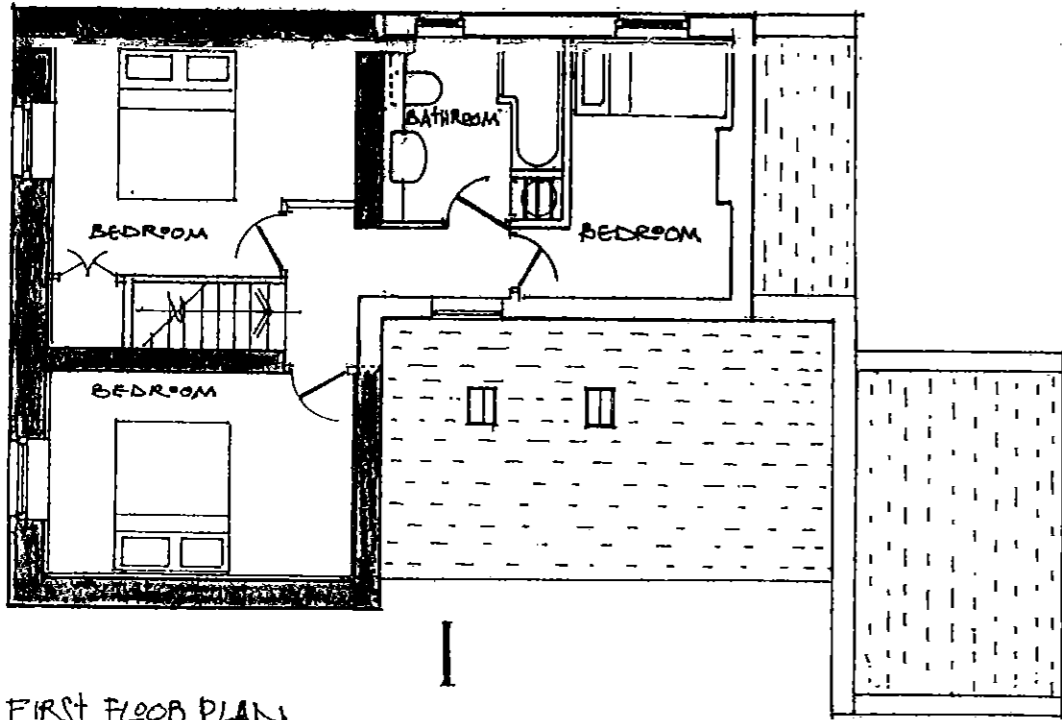
NORTH ELEVATION

WALL FACING REPAIRS TO ORIGINAL DWELLING:
AFTER CLEARING AWAY VEGETATION AN INSPECTION
OF THE FACINGS IS TO BE MADE WITH THE STRUCTURAL
ENGINEER TO ASCERTAIN THE EXTENT AND LOCATION OF ALL
REPAIR WORK.
REPAIRS TO STRUCTURAL CRACKING:
CUT OUT HORIZONTAL BEDS IN MASONRY 50mm DEEP
APPLY APPROX 10mm BEAD OF EPOXY RESIN TO BACK OF CUT.
FIX 6mm DIA. STAINLESS STEEL 'HELIFIX' RESIN
ANCHOR BARS - 1000mm LONG OR SIMILAR APPROVED.
APPLY SECOND BEAD OF RESIN TO COVER HELICAL BAR. RE-
POINT WITH MORTAR AS ABOVE.
ALLOW FOR FOLLOWING QUANTITY:
NORTH GABLE: (15/6 - 6 NEAR EAVES - 9 CENTRALLY)
WEST ELEVATION: (APPROX. 21/6. ALTERNATIVE COURSES
ACCESS CRACKS THROUGHOUT
SOUTH + EAST ELEVATION: ALLOW 15/6.

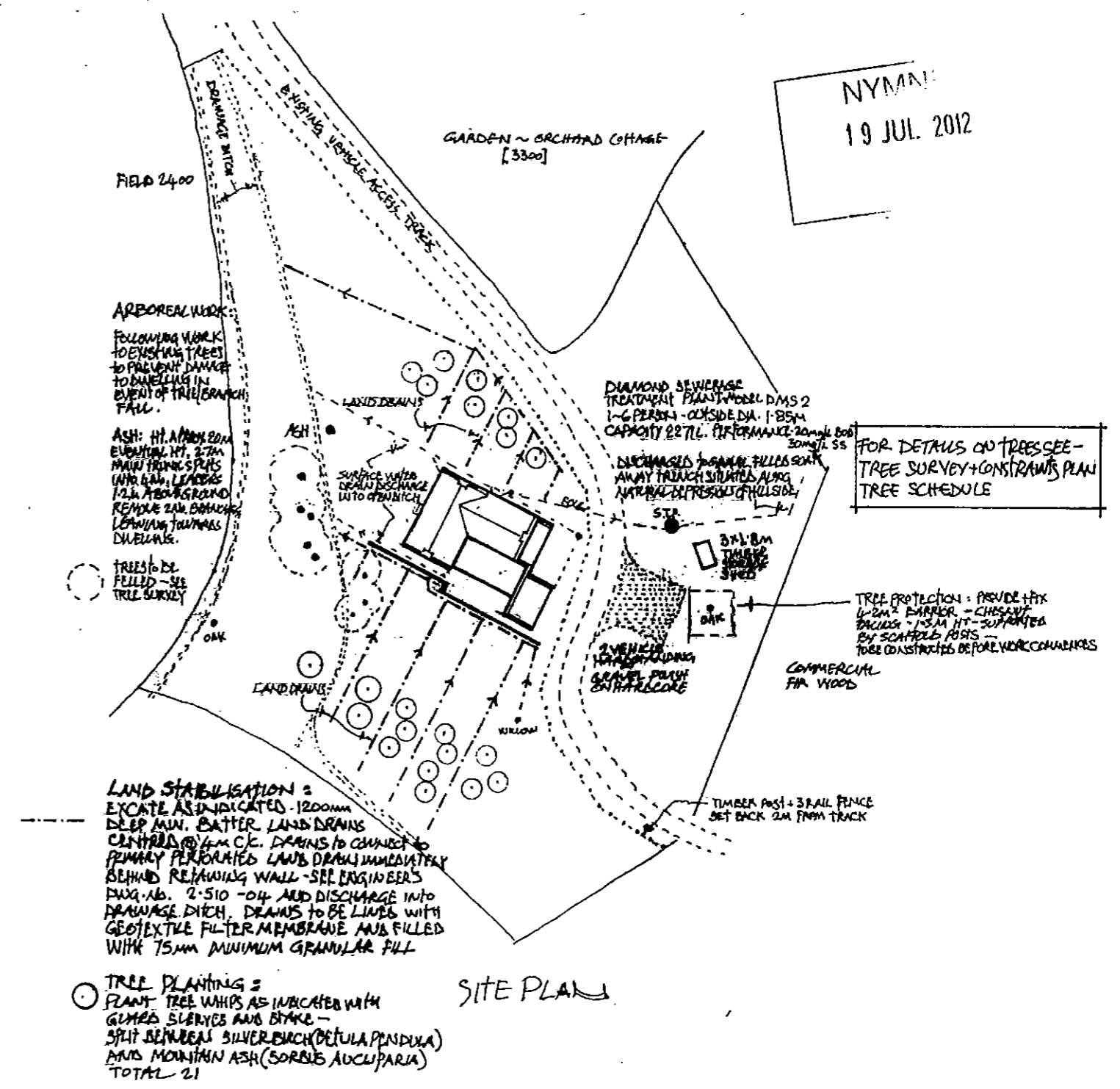
PROJECT - REFURBISHMENT OF DALTON
COTTAGE - EGTON BRIDGE
CLIENT - MS. LAURA HEATH
DRAWING - PROPOSED ELEVATIONS
DWG. No. - S/ED/11/008 REV A (MAY 2011)
SCALE - 1-100 REV B (MAY 2012)
DATE - OCT 2011 REV C (JUNE 2012)
DRAWN - MALCOLM WATSON
TEL. No. -

DALTON COTTAGE

NYMAN
19 JUL. 2012



REINFORCING MAX. STRUCTURAL
RETAINING WALL TO
ENGINEER'S DETAILS FACING
WITH STONE



- PROJECT □ REFORMULATION OF DALTON COTTAGE ~ EIGHTON BRIDGE
- CLIENT □ MS. LAURA HEATH
- DRAWING □ PROPOSED PLAN LAYOUTS + SITE
- DWG. No. □ S/EP/11/100 REV. 09/2012
- SCALE □ 1:100 ~ 1:500
- DATE □ OCT 2011
- DRAWN □ MALCOLM WATSON
- TEL. No. □