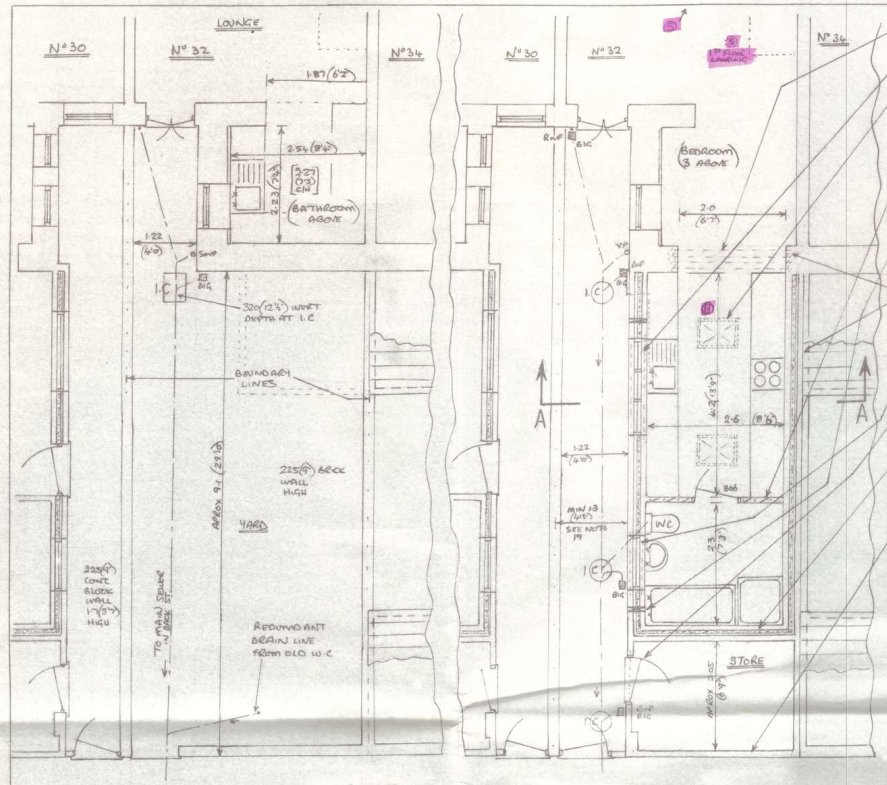


EXISTING

PROPOSED

225 (9") DEEP R.C. LINTELS OVER. MIN 2.0 (6'7") UNDER.

1.8 x 1.0 (5'11" x 3'3") uPVC WINDOW.

2 OFF VELUX ROOF LIGHTS CK02. 550 x 780.

60 LITRE/SEC CAPACITY EXTRACTION FAN (30 LITRE/SEC IF COOKER HOOD)

PARTITION OF 100 x 50 (4"x2") STUD AT 400 (16") CRS. 127 (½") PLASTERBOARD + SKIM BOTH SIDES. (10kg/m³ DENSITY) 50 (2") MINERAL FIBRE QUILT SOUNDPROOFING CURTAIN BETWEEN.

15 LITRE/SEC EXTRACTION FAN.

4lb LEAD FLASHING + D.P. TRAY TO CAVITY IN WAY OF ROOFS TO Nº 34.

MAKE GOOD PILLARS WITH BRICK/CONC BLOCK.

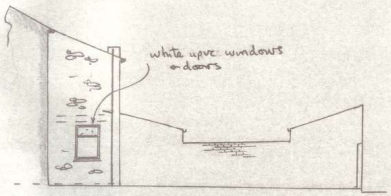
1.0 (3'4") SGD uPVC WINDOW.

0.9 x 2.0 (3'0" x 6'7") DOOR OPENING

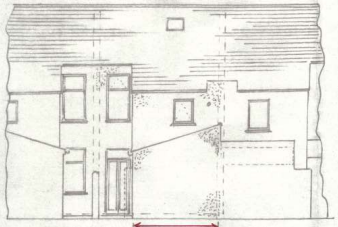
WALL TO EXTEND UP TO ROOF TILES + FIRESTOPPED BY ENCASING ALL TIMBERS IN MORTAR FOR FULL WIDTH OF WALL.

100 (4") CONC BLOCK WALLS TO STOREROOM ON 450 x 150 (1'6" x 6") CONC STRIP FOUNDATIONS. 600 (2'0") DEEP + TO UNDERPIN EXIST WALL AT JUNCTION + ALONG. 225 (9") WIDE PILLAR AT CORNER.

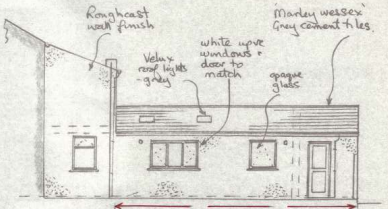
EXISTING SOUTH ELEVATION



EXISTING WEST ELEVATION

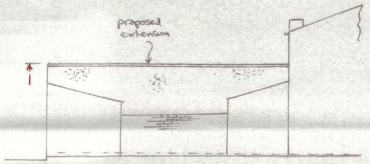


PROPOSED SOUTH ELEVATION



PROPOSED WEST ELEVATION

SCALE 1:100

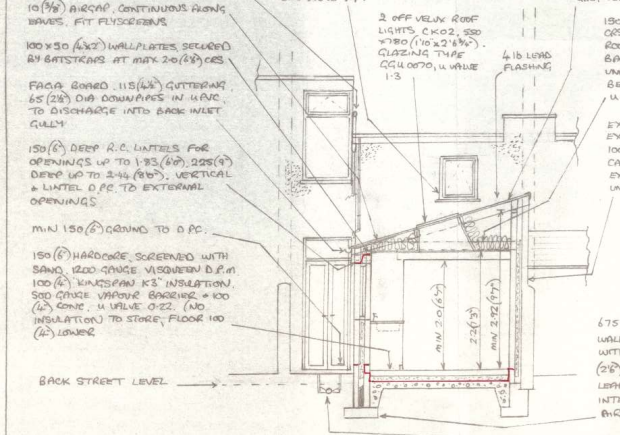


PROPOSED EAST ELEVATION (FROM Nº 34)

1) ROOF COVERING TO BE 'MARLEY WESSEX' GREY CEMENT TILES
2) EXTERNAL WALL FINISH ROUGHCAST
3) WINDOWS + DOOR TO BE WHITE uPVC TO MATCH EXISTING. ROOFLIGHTS - GREY
4) ALL TIMBERWORK TO BE TREATED WITH PRESERVATIVE
5) WINDOW + ROOFLIGHTS TO BE DRAUGHT SEALED + FRAMES SEALED INTO WALL/ROOF WITH MASTIC
6) CAVITIES AROUND OPENINGS INCLUDING LINTELS TO BE INSULATED TO PREVENT COLD BRIDGING + CLOSED WITH ½ HOUR FIRE RESISTANT MATERIAL.
7) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED + TESTED IN ACCORDANCE WITH BS 7671 (IEE WIRING REGS LATEST EDITION) + WORK UNDERTAKEN BY AN INSTALLER REGISTERED UNDER SUITABLE ELECTRICAL SELF CERTIFICATION SCHEME OR QUALIFIED PERSON SUPPLYING A CERTIFICATE OF COMPLIANCE TO BUILDING CONTROL' UPON COMPLETION
8) ALL ELECTRICAL SOCKETS + SWITCHES TO BE LOCATED BETWEEN 450 + 1200 (1'5" + 3'11") ABOVE FLOOR
9) PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING EFFICIENT LAMPS, EG FLUORESCENT, TUBE OR COMPACT, MIN 40 LUMENS PER CIRCUIT WATT. EXTERNAL LIGHTS SAME, OR ON A TIMED + AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
10) REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION
11) INTERNAL DOOR TO BE MIN 826 (2'1¾") TO GIVE MIN CLEAR OPENING WIDTH OF 750 (2'5½")
12) ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY. EXISTING MAINS COMBINED SEWERS SERVE
13) • KITCHEN/DINER TO HAVE OPENING WINDOWS/ROOFLIGHTS EQUAL TO AT LEAST 1/20 FLOOR AREA, 8000 mm² (13 in²) TRICKLE VENTILATION, • 60 LITRE/SEC CAPACITY EXTRACTION FAN (30 LITRE/SEC IF COOKER HOOD.
• BATHROOM, ANY SIZE OPENING, 4000 mm² (6½ in²) TRICKLE VENTILATION + 15 LITRE/SEC CAPACITY EXTRACTION FAN.
• BEDROOM 3 OPENING EQUAL TO AT LEAST 1/20 FLOOR AREA + 8000 mm² (13 in²) TRICKLE VENT.
14) BED 3, + BATHROOM WINDOWS TO ALSO BE ESCAPE WINDOWS IN CASE OF FIRE, IE A MIN CLEAR OPENING AREA OF 0.33 m², + MIN CLEAR OPENING DIMENSION OF 450 (1'6") IN ANY DIRECTION, WITH BOTTOM OF OPENING NO MORE THAN 1.1 (3'7½") ABOVE FLOOR
15) HOT WATER + SPACE HEATING TO BE PROVIDED BY EXISTING MAINS GAS COMBI BOILER, + RADIATORS - THERMOSTATICALLY/ZONE CONTROLLED, EXTENDED.
16) A MAINS OPERATED FIRE DETECTION/ALARM SYSTEM TO BE INSTALLED TO BS 5839-6, 2004 GRADE D, CATEGORY LD3. WITH SMOKE ALARMS TO BS EN 14604, (GROUND FLOOR LOUNGE NEAR STAIR, + 1ST FLOOR LANDING) + HEAT ALARM TO BS 5446-2, (1st KITCHEN) LOCATED ON CEILINGS, MIN 300 (12") FROM WALLS + LIGHT FITTINGS, + WITH SENSORS BETWEEN 150 + 600 (1'0"+2'0") BELOW CEILINGS, ALL INTERCONNECTED SO ALL SOUND WITH DETECTION BY ANY ONE UNIT, MAINS SUPPLY TO BE A SINGLE INDEPENDANT CIRCUIT, + DETECTORS TO HAVE A STANDBY POWER SUPPLY. EG BATTERY
17) PROPOSED INVOLVES WORKS ON PARTY WALL WITH Nº 34. "THE PARTY WALL ACT" APPLIES.

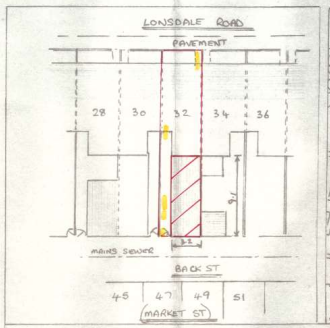
18) CONSERVATION OF ENERGY DETAILS

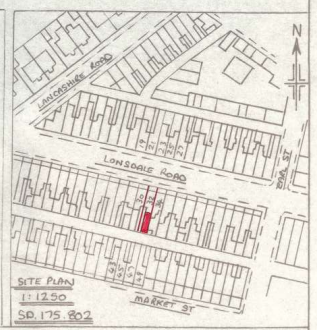
U VALUE OF FLOOR .. 0.22, U VALUE OF WALLS .. 0.26, U VALUE OF CEILING .. 0.16,
INTERNAL FLOOR AREA OF HABITABLE EXTENSION = 13.2 m². 25% = 4.55 m² (max NEW OPENINGS)
AREA OF WINDOWS, uPVC, 20 mm GAP DOUBLE GLAZED, EG SYSTEM 3
1.1 NEUTRAL LOW E U VALUE 1.4 = 2.8 m²
AREA OF VELUX ROOF LIGHTS, TIMBER, D/G, GLAZING TYPE CG4 0070, U VALUE 1.3 = 0.858 m² } 3.658 O.K.
19) UNPROTECTED AREA, AT 1.3 m TO BOUNDARY WITH Nº 30 = 5.6866 m² ACTUAL
CALCULATED MAX ALLOWED BY INTERPOLATION - METHOD 1 = 7.52 m²



SECTION AA

SCALE 1:50





PROPOSED EXTENSION AT 32 LONSDALE ROAD, MILLOM, CUMBRIA FOR MR C. YOUNG

3-5-21

R.A. WALKER
LARKHALL - MILLOM

1695