ALL EXISTING FIRST FLOORS REMOVED. NEW HABITABLE CEILINGS, IN SAME PLANE AS TRUSSES, OF 225x50 (9"x2") JOISTS AT 400(16") CRS. INTO JOIST HANGERS ONTO 225x50 (9"x2") WALLPLATES SECURED TO EXIST WALLS BY M12 RAWLBOLTS AT 600 (2'0") CRS. 500 GAUGE VISQUEEN VAPOUR BARRIER + 127(½") PLASTERBOARD + SKIM. 200(8") MINERAL FIBRE QUILT BETWEEN JOISTS + 100(4") OVERALL. U VALUE 0·14.

PORCH ROOF OF 100x50 (4"x2") RAFTERS AT 400/600 (1'6"/2'0") CRS. BREATHABLE FELT. 50x25(2"x1") BATTENS + SLATE. 30° PITCH. 50(2") KINGSPAN KT BETWEEN RAFTERS TO LEAVE 50(2") AIRGAP ABOVE. 85(3⅜") 'KT' UNDER. 500 GAUGE VISQUEEN VAPOUR BARRIER + 127(½") PLASTERBOARD + SKIM UNDER ALL. U VALUE 0·16

TRUSSED AREAS. 150(6") M.F. QUILT BETWEEN JOISTS + 150(6") OVERALL. 500 GAUGE VISQUEEN VAPOUR BARRIER + 127 (½") PLASTERBOARD + SKIM. U VALUE 0·14

127(½") PLYWOOD VALLEY BOARDS. ROOFERS FELT + 4lb LEAD FLASHING

4lb LEAD FLASHING + D.P. TRAY TO CAVITY.

HYDROWALL TRUSSES AT 450/600 (1'6"/2'0") CRS. DIAGONALLY + LATERALLY BRACED TO B.S. 5268. PART 3. 1985, + VERTICALLY BRACED TO WALLS. ALL RIDGES TO BE IN SAME PLANE AS EXISTING BUILDING (EXIST PITCH APROX 35°, NEW - APROX 30° - CONFIRM ON SITE). BREATHABLE FELT. 50x25 (2"x1") BATTENS + NATURAL BLUE GREY SLATE

WOOD BURNING STOVE. ENAMEL FLUE TO ENTER TWIN WALLED STAINLESS STEEL, INSULATED FACTORY MADE FLUE, + EXIT ROOF VIA SUITABLE SOAKER, + EXTEND MIN 600 (2'0") ABOVE RIDGE. PROVIDE ROODING/CLEANING ACCESS TO FLUE VIA GAS TIGHT FACTORY MADE COVER. ALSO PROVIDE ACCESS POINTS 300(12") SQ IN BOXED OUT VOID AROUND FLUE, NO MORE THAN 1·5 (4'11") FROM ANY JOIST IN FLUE - INCLUDING ROOF VOID, WHILST MAINTAINING ½ HOUR FIRE INTEGRETY, FOR INSPECTION PURPOSES. NO TIMBERS WITHIN 40(1⅜") OF OUTSIDE OF FLUE.

BATSTRAP RESTRAINTS OF S/S AT MAX 2·0 (6'6") CRS. TO GABLES + CEILINGS

100x50 (4"x2") WALLPLATES, SECURED BY BATSTRAPS AT MAX 2·0 (6'6") CRS

10(⅜") AIRGAP ALONG ALL EAVES, FIT FLYSCREENS.

115(4½") GUTTERING, ON FACIA BOARDS. 63(2½") DOWNPIPES, IN U PVC.

150(6") DEEP R.C LINTELS TO OPENINGS UP TO 1·83(6'0"). 225(9") DEEP UP TO 2·44 (8'0"). VERTICAL + LINTEL D.P.C. TO EXTERNAL OPENINGS

MIN 150(6") FROM ANY RAISED GROUND, TO D.P.C.

HEARTH TO STOVE OF MIN 125(5") NON-COMBUSTIBLE MATERIAL, EG. 100(4") CONC FLOOR + 50(2") SLATE

NEW HABITABLE FLOOR LEVEL, +275 [IE RAISED 450(18")]

GROUND LEVEL AT ORIGINAL ENTRANCE

EXIST FLOOR LEVEL (-175)

MIN 600 (2'0")

2·44 (8'0")

675x150 (2'3"x6") CONC STRIP FOUNDATIONS, MIN 600 (2'0") DEEP + TO UNDERPIN EXIST WALLS AT JUNCTIONS. CAVITY WALLS OF 2 LEAF 100 (4") CONC BLOCK, BLOCK BONDED OR TIED INTO EXIST WALLS WITH S/S 'CROCODILE' PLATES + SCREWS. 115(4½") CAVITY, FILLED SOLID WITH CONC UP TO 225(9") BELOW D.P.C. + SEALED OFF AT EAVES. 250(10") S/S WALLTIES (STAFIX RT2 OR SIMILAR) AT 750(2'6") CRS. HORIZONTAL, 450(1'6") VERTICAL + WITHIN 150(6") EVERY BLOCK COURSE OF OPENINGS. 70(2¾") KINGSPAN KB 'INSULATION TO INNER LEAF IN CAVITY TO LEAVE 45(1¾") AIRGAP. 20 RENDER/ROUGHCAST EXTERNAL. 127(½") PLASTERBOARD ON PLASTER DABS + SKIM INTERNAL. U VALUE 0·26. DRYLINING BOARDS TO HAVE JOINTS + EDGES TAPE SEALED + ELECTRICAL BACKBOXES, CONDUITS ETC. TO BE SEALED WITH MASTIC TO MAINTAIN AIRTIGHTNESS

450x150 (1'6"x6") CONC STRIP FOUNDATIONS FOR 100(4") CONC BLOCK PARTITION. MIN 600 (2'0") DEEP.

MIN 150 (6") HARDCORE SCREENED WITH SAND. 1200 GAUGE VISQUEEN D.P.M. 100(4") KINGSPAN KS'. 500 GAUGE VISQUEEN VAPOUR BARRIER + 100 (4") CONC. TYPICAL ALL HABITABLE SECTIONS

ALL DRAINS OF 100(4") UPVC, MIN 450(18") DEEP OR ENCASED IN 150(6") CONC IF LESS. BRIDGED BY R.C LINTELS THROUGH WALLS + SURROUNDED BY 150(6") PEA GRAVEL UNDER FLOORS. VENT STACK TO EXTEND MIN 900(36") ABOVE UPPER WINDOW LEVEL. SHOWER, BASIN + SINK WASTE PIPES OF 40 (1½") DIA U PVC [50(2") DIA FOR RUNS OVER 3·0(9'10")] ALL WITH 75 (3") DEEP SEAL TRAPS + DISCHARGE INTO BACK INLET GULLIES. INSP CHAMBERS OF UPVC TYPE WITH AIRTIGHT COVERS. FALLS 1 IN 80.

SECTION A.A.

TRUSS MANUFACTURER TO PROVIDE DETAILS/CALC'S TO BUILDING CONTROL FOR ALL TRUSSES + INFILL AREAS

HYDROWALL TRUSSES TO IDENTICAL ROOF PITCHES AS EXIST ROOF, + WALL POSITION TO ENSURE WALLPLATES LEVEL. OTHER DETAILS AS "SECTION A.A."

CONTINUE INSULATION BETWEEN DIFFERENT CEILING LEVELS

CANOPY ROOF OF 75x75 (3"x3") PURLIN AT MAX 1·5 (4'11") CRS. FROM WALLPLATE. 100x50 (4"x2") RAFTERS AT 400/600 (1'4/2'0") CRS, FELT, BATTENS + SLATE AS MAIN ROOFS. APROX 30° PITCH - IN LINE WITH EXIST LEAN-TO.

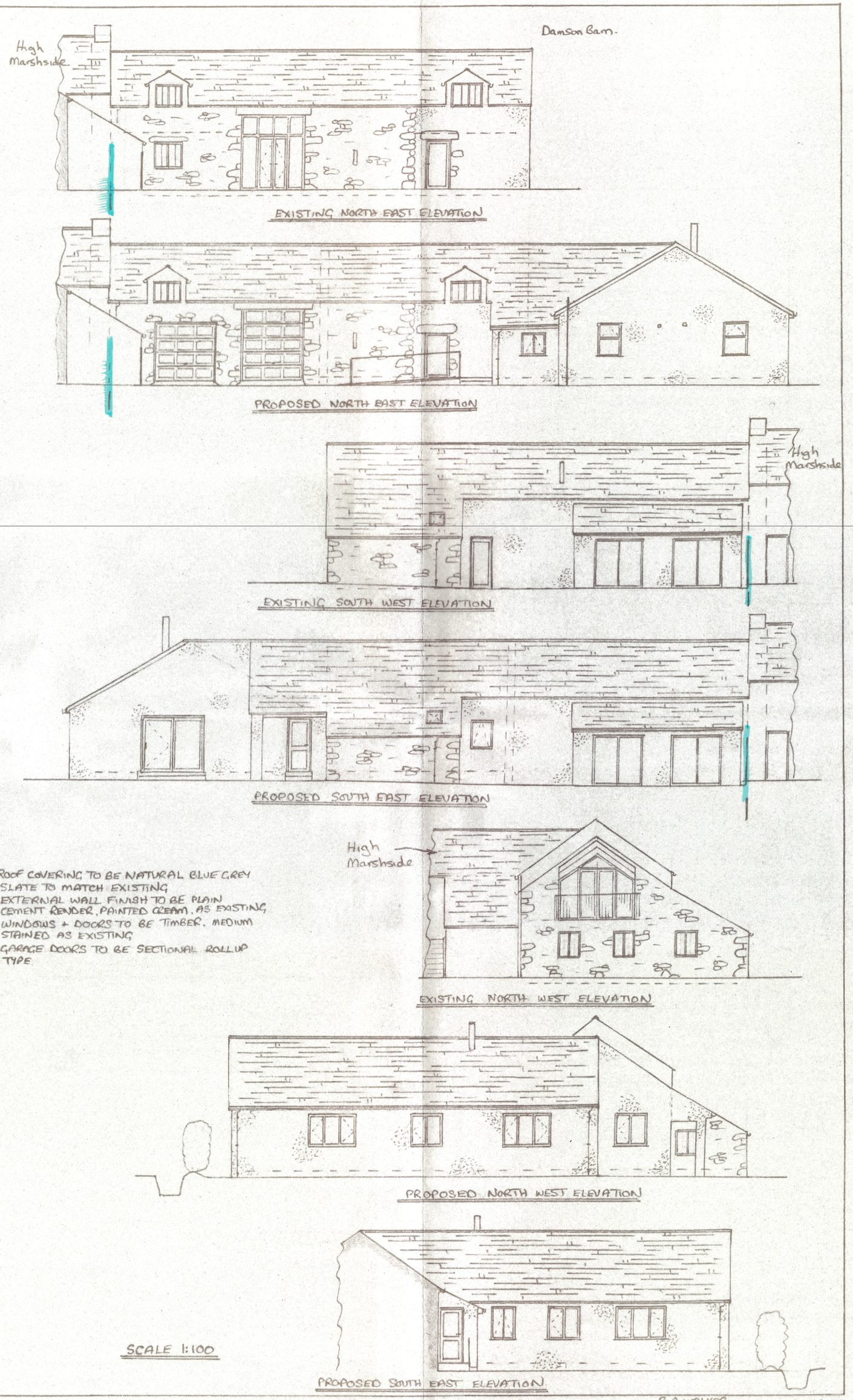
EXISTING LPG COMBINATION BOILER FLUE + WIRE MESH TERMINAL GUARD.

800 (2'8") Ø x 150 (6") THICK CONC FOUNDATION FOR PILLAR. MIN 600 (2'0") DEEP

SECTION B.B

SCALE 1:50

A) ROOF COVERING TO BE NATURAL BLUE GREY SLATE TO MATCH EXISTING
B) EXTERNAL WALL FINISH TO BE PLAIN CEMENT RENDER, PAINTED CREAM, AS EXISTING
C) WINDOWS + DOORS TO BE TIMBER, MEDIUM STAINED AS EXISTING
D) GARAGE DOORS TO BE SECTIONAL ROLLUP TYPE



SCALE 1:100

SHEET 2 18-3-21 R.A. WALKER LADYHALL - MILLOM 1688