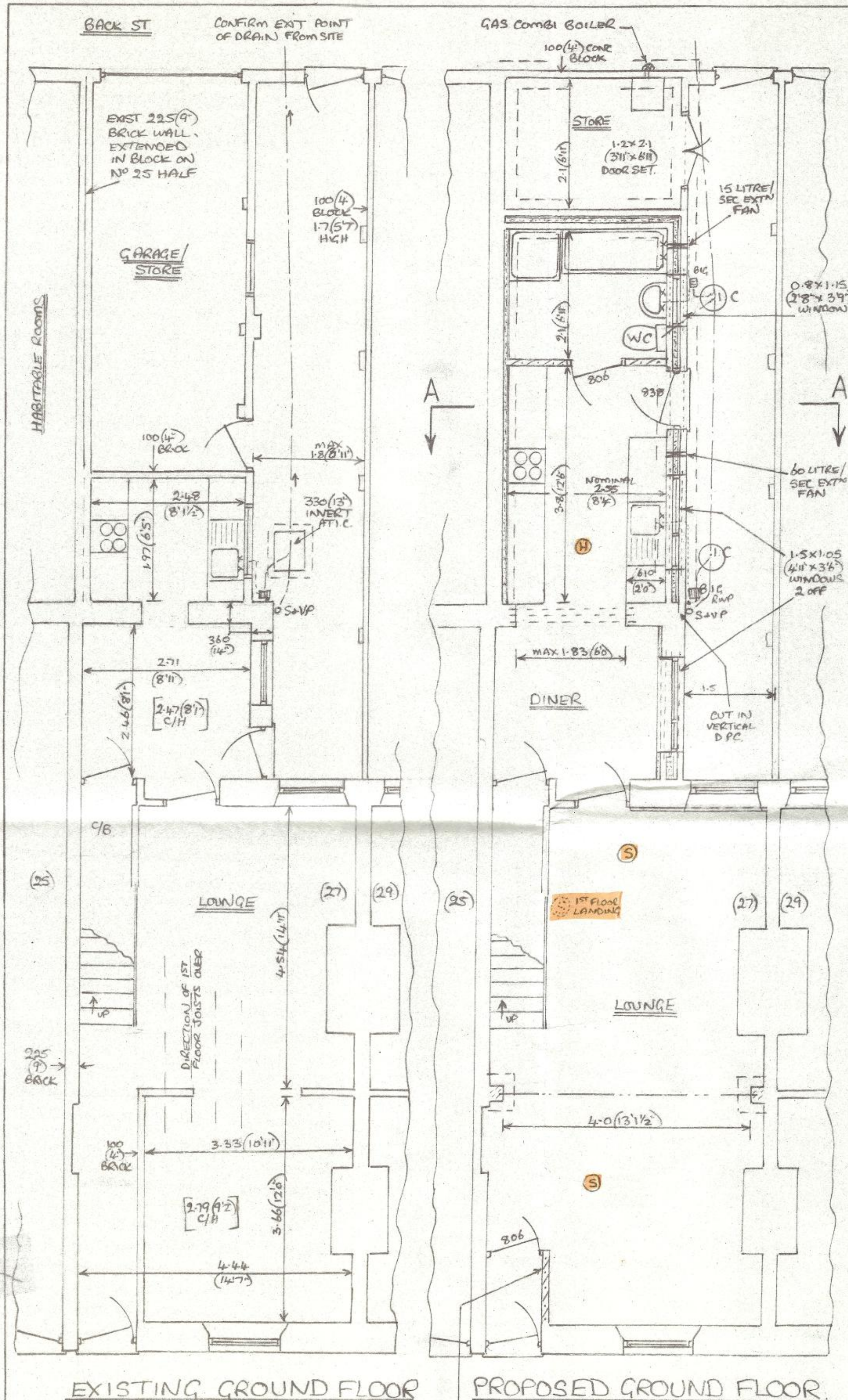




14.5x47(5x17/8) CEILING JOISTS AT 400 (16) C/S, 500 GAUGE VISQUEEN VAPOR BARRIER + 9.5(3/8) PLASTERBOARD + SKIM UNDER 150(6) MINERAL FIBRE QUILT BETWEEN JOISTS + 100(4) OVERALL. U VALUE 0.16

10(3/8) AIRCAP, CONTINUOUS ALONG HABITABLE SPACES, FIT FLYSCREENS

100x50(100x50) WALL PLATES SECURED BY BATSTRAPS AT MAX 2.0(8 1/8) C/S

11.5(1/2) CUTTING, FACIA BOARD + 6.5(2 1/2) DOWNPIPE IN U.PVC TO DISCHARGE INTO BACK INLET GULLY

150(6) DEEP R.C. LINTELS TO ALL OPENINGS UP TO 1.83(6'0) VERTICAL + LINTEL D.P.C. TO EXTERNAL OPENINGS

REDUCED BED 3 WINDOW, SEE NOTE 18, BUILD UP LOWER SECTION TO FACILITATE FLASHING

FIRE STOP PARTY WALL, + BETWEEN STORE + BATHROOM BY ENCASEING ALL TIMBERS IN MOTOR FOR FULL WIDTH OF WALL, UP TO TILES

MIN 150(6) CROWN TO D.P.C.

FLOOR IN SAME PLANE AS EXIST

615x200(23x8) CONC STRIP FOUNDATIONS MIN 600(24) DEEP, + TO UNDERPIN/STAY ONTO EXIST WALLS/FOUNDATIONS AT JUNCTIONS. CAVITY WALLS OF 2 LEAF 100(4) CONC BLOCK, TIED INTO EXIST WALLS WITH 'CROCODILE' S/S PLATES + SCREWS, 11.5(1/2) CAVITY FILLED SOLID WITH CONC UP TO 225(9) BELOW D.P.C. SEALED OFF AT JAVES, 10(3/8) KINKESPAN K8 TO INNER LEAF IN CAVITY TO LEAVE 45 (1 3/4) AIRCAP, 150(6) LONG S/S WALLTIES, STAFFIX RT2 OR SIMILAR AT 750(2'6) C/S HORIZONTAL, 450(16) VERTICAL, + WITHIN 150(6) EVERY BLOCK COURSE OF OPENINGS. 20(3/4) RENDER/ROUGHCAST EXTERNAL, 12.5(1/2) PLASTERBOARD ON PLASTER DABS + SKIM INTERNAL, ALL JOINTS + EDGES TAPE SEALED + ELECTRICAL BRACKETS/CONDUITS ETC TO BE SEALED WITH MASTIC/FOAM TO MAINTAIN AIRTIGHTNESS, U VALUE 0.26

450x200(16x8) CONC STRIP FOUNDATIONS MIN 600(24) DEEP, + TO UNDERPIN EXIST WALL AT JUNCTION, FOR 100(4) CONC BLOCK STORE WALL

150x47(6x17/8) RAFTERS AT 400(16) C/S, 62 BATHABLE FELT, 40x25(1 1/2x1) BATTENS + FLAT GREY CEMENT TILES, 100(4) HEADLAP, MIN 17 1/2 PITCH, [175x47(7x1 3/8) RAFTERS TO STORE + NO CEILING]

EXISTING 225(9) BRICK WALL TO BE UNDERPINNED AS REQD. TO ALLOW NO 27'S HALF TO BE EXTENDED UP FOR WALL PLATE [TO BUILDING CONTROLS SATISFACTION] NEW 100 (4) BLOCKWORK, TIED INTO EXIST WALL WITH WALLTIES (ANKER SP8 OR SIMILAR AT 900(3'0) C/S HORIZ. - VERTICAL + 450(16) VERTICAL

ALL EXISTING WALLS TANKED WITH SOUSREGAIN HEY D1, K11 UP TO 1.5m HIGH. EXISTING EXTERNAL WALLS DRY LINED WITH LANGSPAN BACKED 12.5(1/2) PLASTERBOARD (K7)

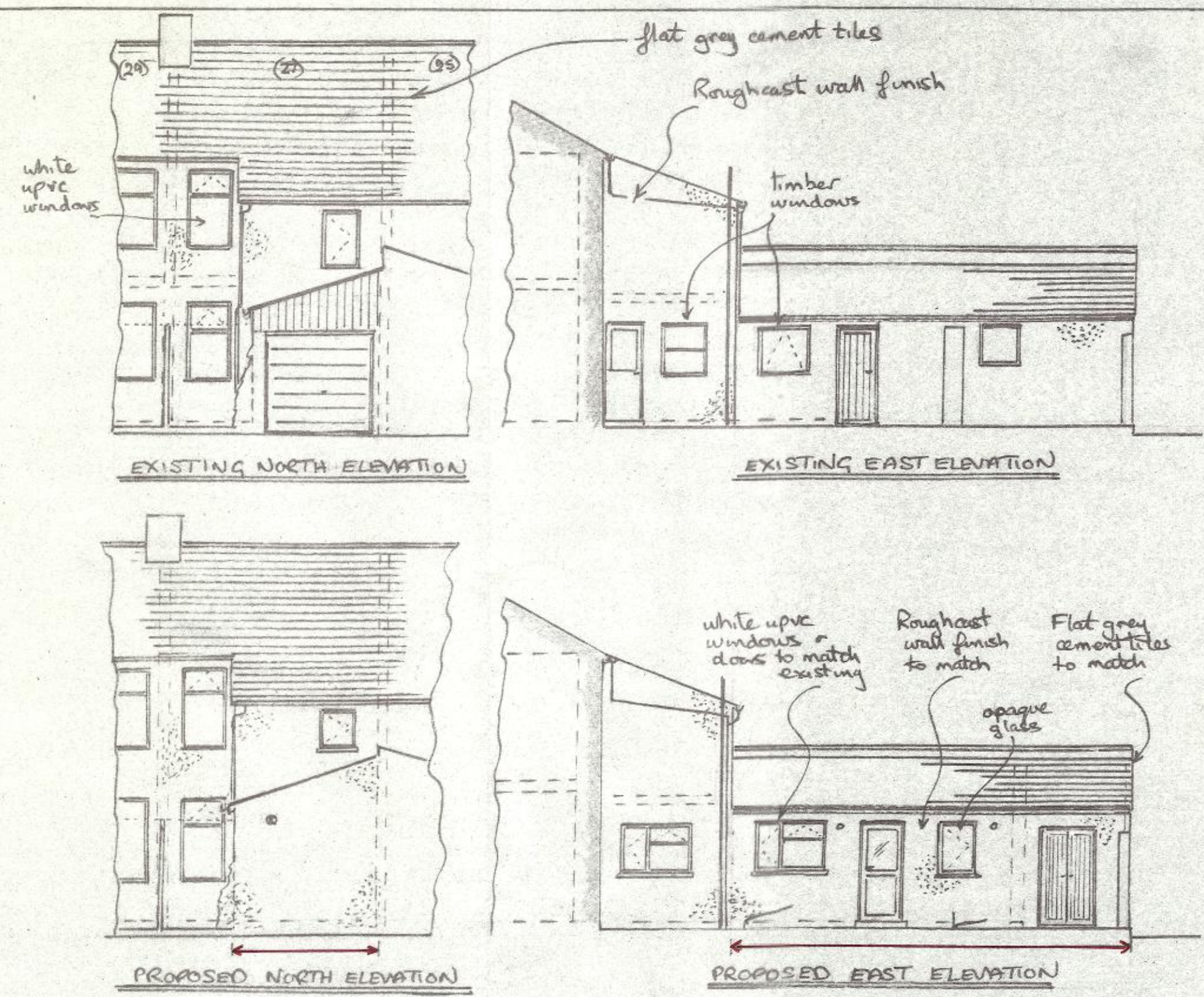
4-18 LEAD FLASHING TO EXIST WALLS

150(6) HARDWARE, SCREENED WITH SAND, 1200 GAUGE VISQUEEN D.P.M., 100(4) KINKESPAN K3 INSULATION, 500 GAUGE VAPOR BARRIER, 100(4) CONC PLUS APPLICANTS CHOICE OF FINISH, U VALUE 0.22 (NO INSULATION TO STORE)

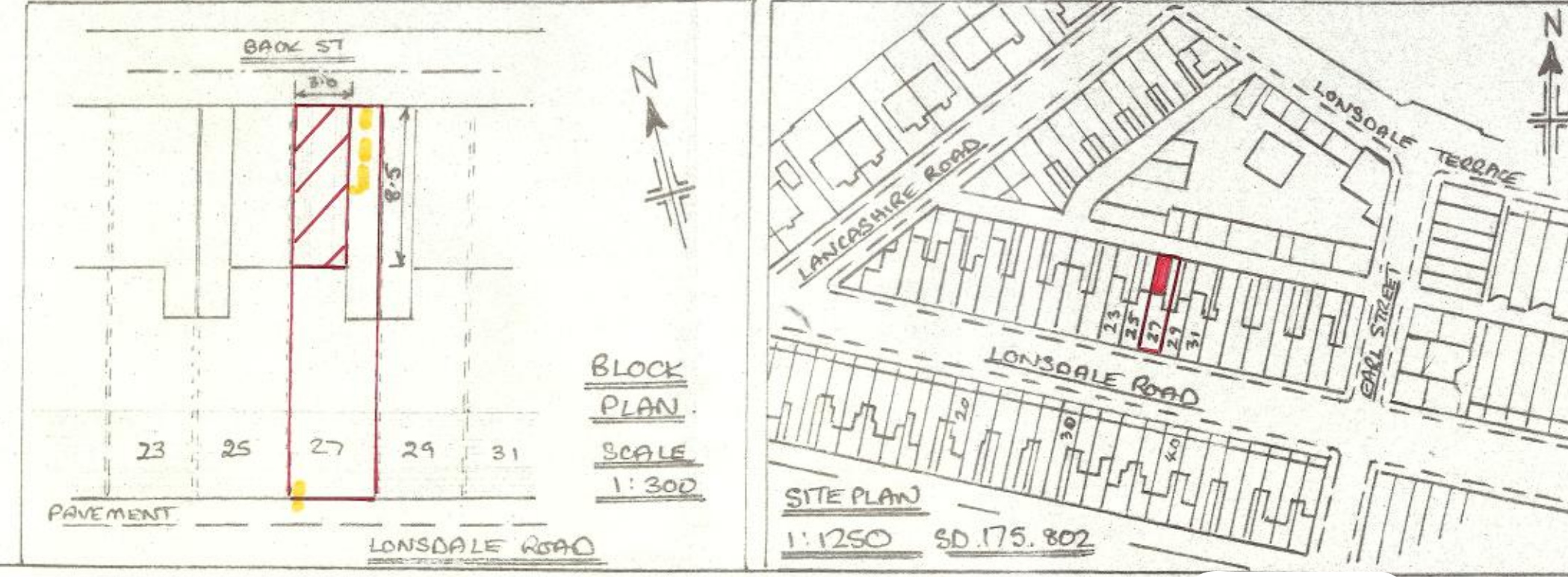
NEW/RE-ALIGNED DRAINS OF 100(4) DIA OSMA DRAIN W/AVE ENCASED IN 150(6) CONE IF LESS THAN 450(18) DEEP 1-C'S OF U.PVC TIE WITH ALTERNATIVE COVERS + SCREW DOWN, W.C. DRAIN BRIDGED BY R.C. LINTERS THROUGH WALL. BATH, SHOWER, BASIN + SINK WASTE APES OF 40(1 1/2) DIA U.PVC [50(2) DIA FOR RUNS OVER 3.0(9'0)] ALL WITH 75 (3) DEEP SEAL TRAPS, + TO DISCHARGE INTO BACK INLET GULLIES, FIT NON RETURN VALVES TO DRAINS WHERE PRACTICAL

SECTION A.A. SCALE 1:50

2) MAX UNPROTECTED AREA AT 1.5m FROM BOUNDARY (WITH NO 29) USING METHOD 1, + INTERPOLATION = 8.8m², ACTUAL 8.8m²



- 1) ROOF COVERING TO BE FLAT GREY CEMENT TILES TO MATCH EXISTING ROOFS.
- 2) EXTERNAL WALL FINISH TO BE ROUGHCAST TO MATCH EXISTING.
- 3) WINDOWS + DOOR TO BE WHITE UPVC TO MATCH EXISTING.
- 4) ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE
- 5) WINDOWS + DOOR TO BE DRAUGHT SEALED, FRAMES SEALED INTO WALLS WITH MASTIC + 6E OF SECURE DESIGN TO BS PAS 24:1 2012 OR EQUIVALENT.
- 6) CAUTIES AROUND OPENINGS, INCLUDING LINTELS TO BE INSULATED TO PREVENT 'COLD BRIDGING' + BE CLOSED WITH MIN 1/2 HOUR FIRE RESISTANT MATERIAL.
- 7) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED + TESTED IN ACCORDANCE WITH BS 7671, (SEE 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 ON COMPLETION.
- 8) ALL ELECTRICAL SOCKETS + SWITCHES TO BE LOCATED BETWEEN 450 + 1200 (1'6" + 3'0") ABOVE FLOOR, + WIRED 'TOP DOWN'.
- 9) REMOVE INTERNAL LIGHT FITTINGS, CAPABLE OF TAKING EFFICIENT LAMPS, MIN 40 LUMENS PER CIRCUIT WATT. EXTERNAL LIGHTS TO BE EITHER 'EFFICIENT' AS ABOVE, OR ON A TIMER + AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- 10) REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION.
- 11) GLASS PANELS IN DOOR TO BE TIGHTENED/LAMINATED TO BS 6206(1981)
- 12) INTERNAL DOORS TO BE MIN 806(2'7 1/2) TO GIVE MIN CLEAR OPENING WIDTH OF 750(2'5 1/2)
- 13) EXTERNAL DOOR TO BE MIN 838(2'9) TO GIVE MIN CLEAR OPENING WIDTH OF 800(2'7 1/2)
- 14) KITCHEN/DINER TO HAVE OPENINGS EQUAL TO AT LEAST 1/20 FLOOR AREA, + 8000mm² (13m²) TRICKLE VENTILATION.
- 15) KITCHEN AREA TO ALSO HAVE 60 LITRE/SEC CAPACITY EXTRACTION FAN (30 LITRE/SEC IF COOKER HOOD) + BATHROOM, ANY SIZE OPENING, 4000mm² (6 1/4m²) TRICKLE VENTILATION + 15 LITRE/SEC EXTRACTION FAN.
- 16) ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY, EXISTING COMBINED SEWER SEWER.
- 17) HOT WATER, + SPACE HEATING TO BE PROVIDED BY MAINS GAS COMBINATION, CONDENSING BOILER, LOCATED IN STORE, WITH BALANCED/FAN ASSISTED FLUE, WITH WIRE MESH TERMINAL GUARD, + RADIATOR SYSTEM, ZONE/ THERMOSTATICALLY CONTROLLED TO GIVE NOMINAL 21°C IN LOUNGE + KITCHEN DINER, + 18°C ELSEWHERE.
- 18) OWNER OCCUPYER TO BE SUPPLIED WITH HEATING/HOT WATER SYSTEM OPERATING MANUAL, + SAME SYSTEM TO BE COMMISSIONED ON COMPLETION OF INSTALLATION, BY COMPETENT CORP/ APPROVED INSTALLER.
- 19) CONSERVATION OF ENERGY DETAILS
- 20) U VALUE OF FLOOR, 0.22, U VALUE OF WALLS, 0.26, U VALUE OF CEILING, 0.16
- 21) INTERNAL FLOOR AREA OF EXTENSION = 15.6m², 25% = 3.9m², 6.692m² (MAX NEW OPENINGS AT BASIC U VALUES
- 22) AREA OF OPENINGS LOST DUE TO EXTENSION/WORK, 2.792m²
- 23) AREA OF WINDOWS, UPVC, MIN 20mm GAP D/G, EQ SYSTEM'S, 1.1 NEUTRAL LOW'E, U VALUE 1.4 = 4.07m², 6.06m²
- 24) AREA OF DOOR, U.PVC, HALF 20mm GAP D/G, AS ABOVE, U VALUE 1.8 = 1.99m², 6.06m²
- 25) (GLAZING SAME FOR REPLACEMENT BED 3 WINDOW)
- 26) NEW BED 3 WINDOW TO HAVE OPENING PANEL WITH MIN 0.33m² CLEAR AREA, + MIN CLEAR OPENING IN ANY DIRECTION OF 450(18), EG 750x450, OR 600sq, AS ALTERNATIVE MEANS OF ESCAPE IN CASE OF FIRE, WITH BOTTOM OF OPENING NO MORE THAN 1100(3'7 1/2) ABOVE FLOOR.
- 27) A MAINS OPERATED FIRE DETECTION/ALARM SYSTEM TO BE INSTALLED TO BS 5839-6, 2004, GRADE 'N' CATEGORY LD3, WITH SMOKE ALARMS (SHOWN 5) TO BS EN 14604, + HEAT ALARM (SHOWN 6) TO BS 5446-2, LOCATED ON CEILINGS, MIN 300(12) FROM WALLS + LIGHT FITTINGS, + WITH SENSORS BETWEEN 25 + 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.
- 28) PROPOSED INVOLVES WORK ON PARTY WALL WITH NO 25, 'THE PARTY WALL ACT 1996' APPLIES.



PROPOSED EXTENSION AT 27 LONSDALE ROAD, MILLOM, CUMBRIA FOR MR K SHADFORTH.