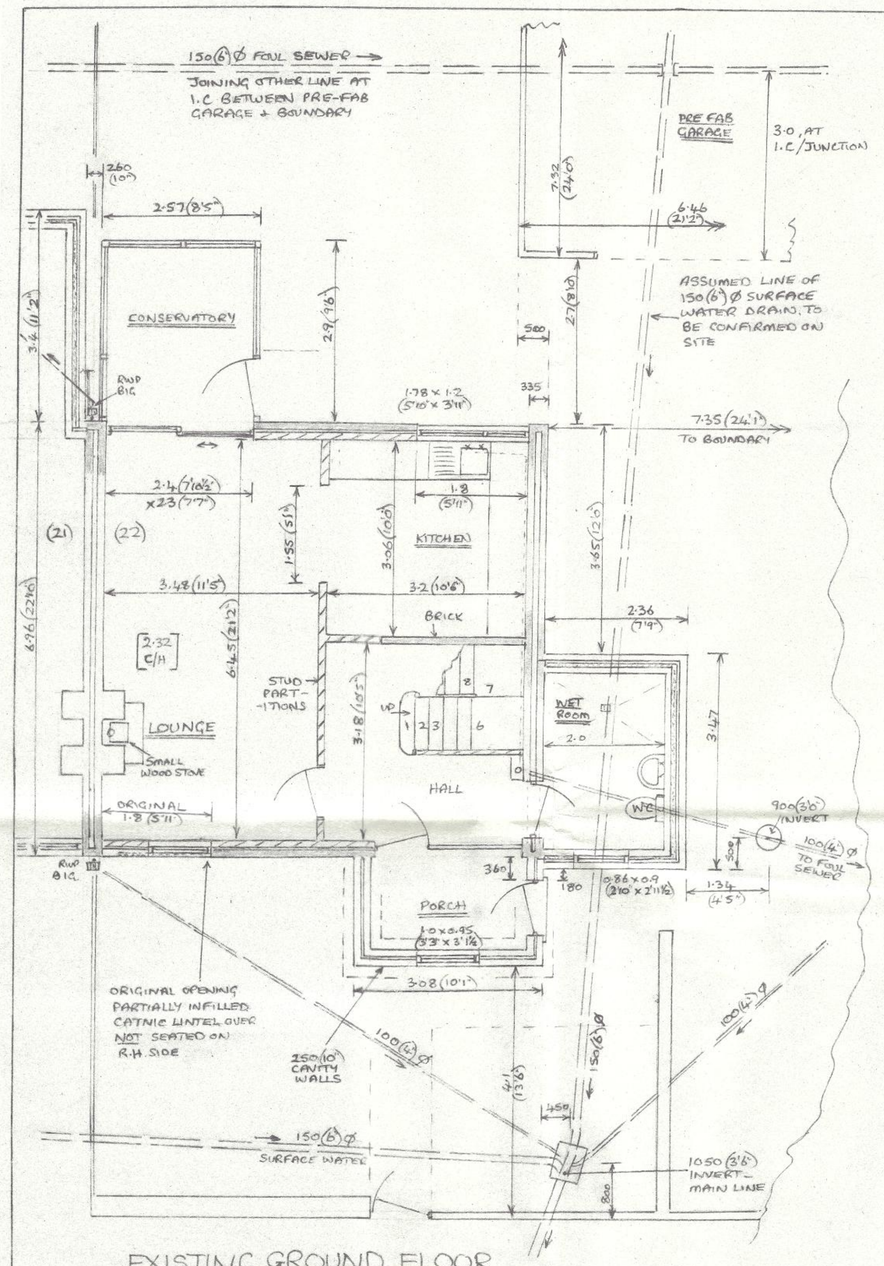
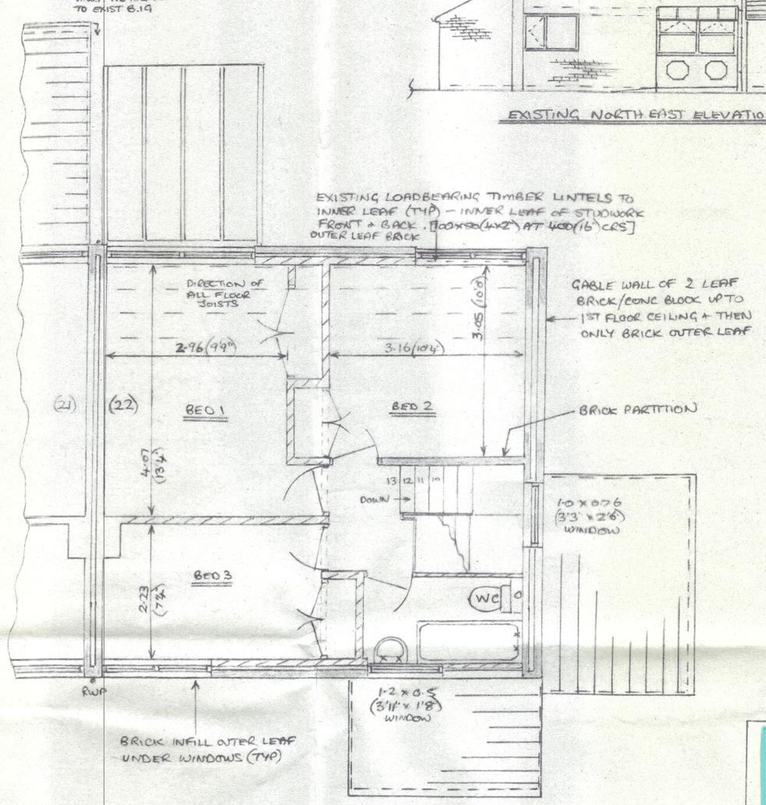
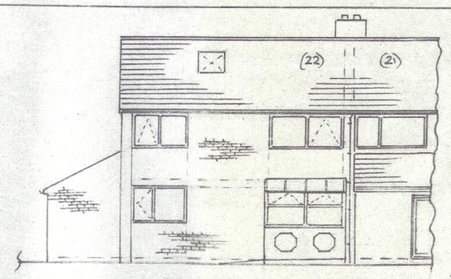


EXISTING GROUND FLOOR

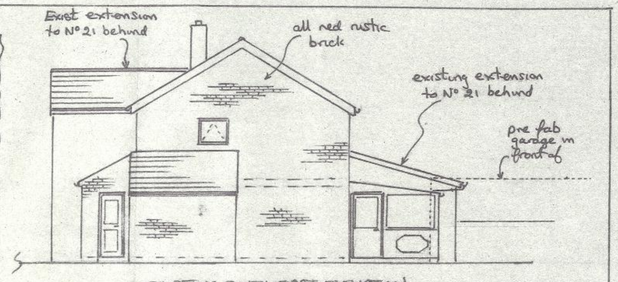


EXISTING FIRST FLOOR

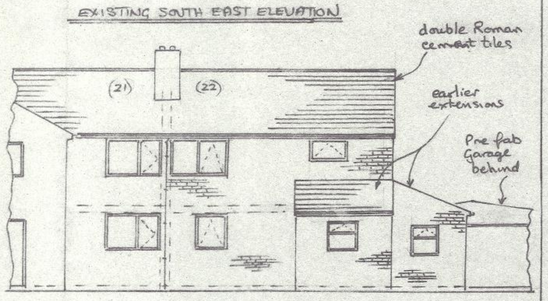
SCALE 1:50



EXISTING NORTH EAST ELEVATION



EXISTING SOUTH EAST ELEVATION



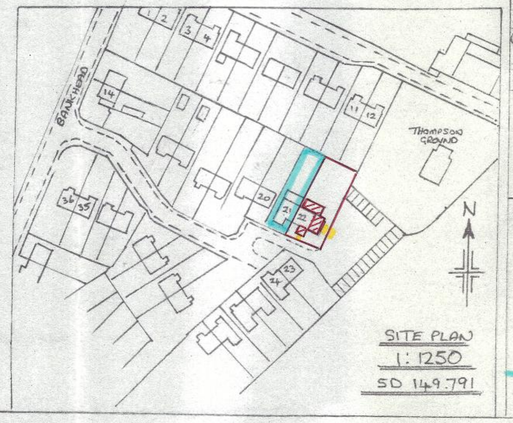
EXISTING SOUTH WEST ELEVATION

SCALE 1:100

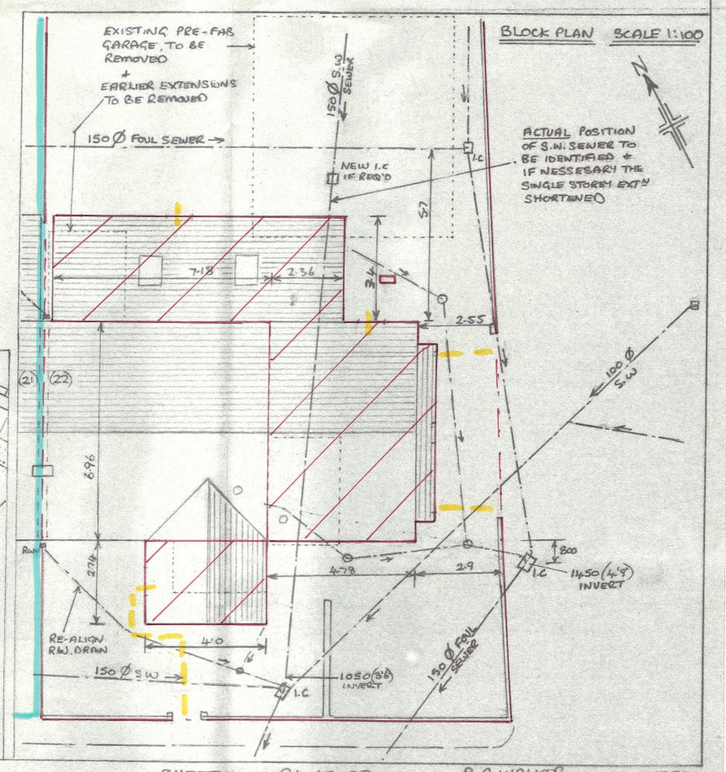
(CONTINUED FROM SHT 3)

16) CONSERVATION OF ENERGY DETAILS (HABITABLE AREAS)
U VALUE OF NEW WALLS .. 0.18, U VALUE OF RETAINED WALLS .. 0.23 & 0.4, U VALUE OF NEW FLOORS .. 0.18, U VALUE OF CEILINGS .. 0.15
FLOOR AREA, EXTENSIONS (HABITABLE), GROUND ... 33.93 m², FIRST .. 35.028, TOTAL .. 68.958 m² ∴ 25% = 17.2395 m² (X)
AREA OF OPENINGS LOST DUE TO EXTENSIONS = 12.63 m² (Y)
∴ (X)+(Y) = 29.8695 m² (MAX NEW OPENINGS AT BASIC U VALUES)
AREA OF NEW WINDOWS & ALUMINIUM BI-FOLDS, MIN 20mm GAP D/G, EG SYSTEM 3, 1.1 NEUTRAL LOW E, ARGFILL, U VALUE 1.4 = 18.49
AREA OF DOOR, U PVC/COMPOSITE, PARTIAL D/G, U VALUE 1.4 = 2.1 } 22.1188 m² (62)
AREA OF ROOFLIGHTS, TIMBER D/G, VELUX 2011 SPEC FOR GLAZING CGU 0070, U VALUE 1.3 = 1.5288

17) IF SMALL WOOD STOVE RETAINED, A CARBON MONOXIDE (CO) ALARM TO BE FITTED IN LOUNGE TO BS EN 50291-1:2018 & HAVE A BATTERY DESIGNED TO OPERATE FOR THE WORKING LIFE OF ALARM & ALSO INCORPORATE A WARNING DEVICE TO ALERT USERS WHEN WORKING LIFE OF ALARM IS DUE TO PASS, LOCATED ON CEILING MIN 300(12") FROM WALLS & BETWEEN 1.0 & 3.0 (3'4" & 9'10") HORIZONTALLY FROM STOVE.



SITE PLAN
1:1250
SD 149.791



BLOCK PLAN SCALE 1:100

PROPOSED SINGLE & TWO STOREY EXTENSIONS AT 22 BANKHEAD HAVERIGG, MILLOM, CUMBRIA FOR MRS. N. CUTHBERT

SHEET 1 31-10-23 R.A WALKER LADYHALL - MILLOM 1787