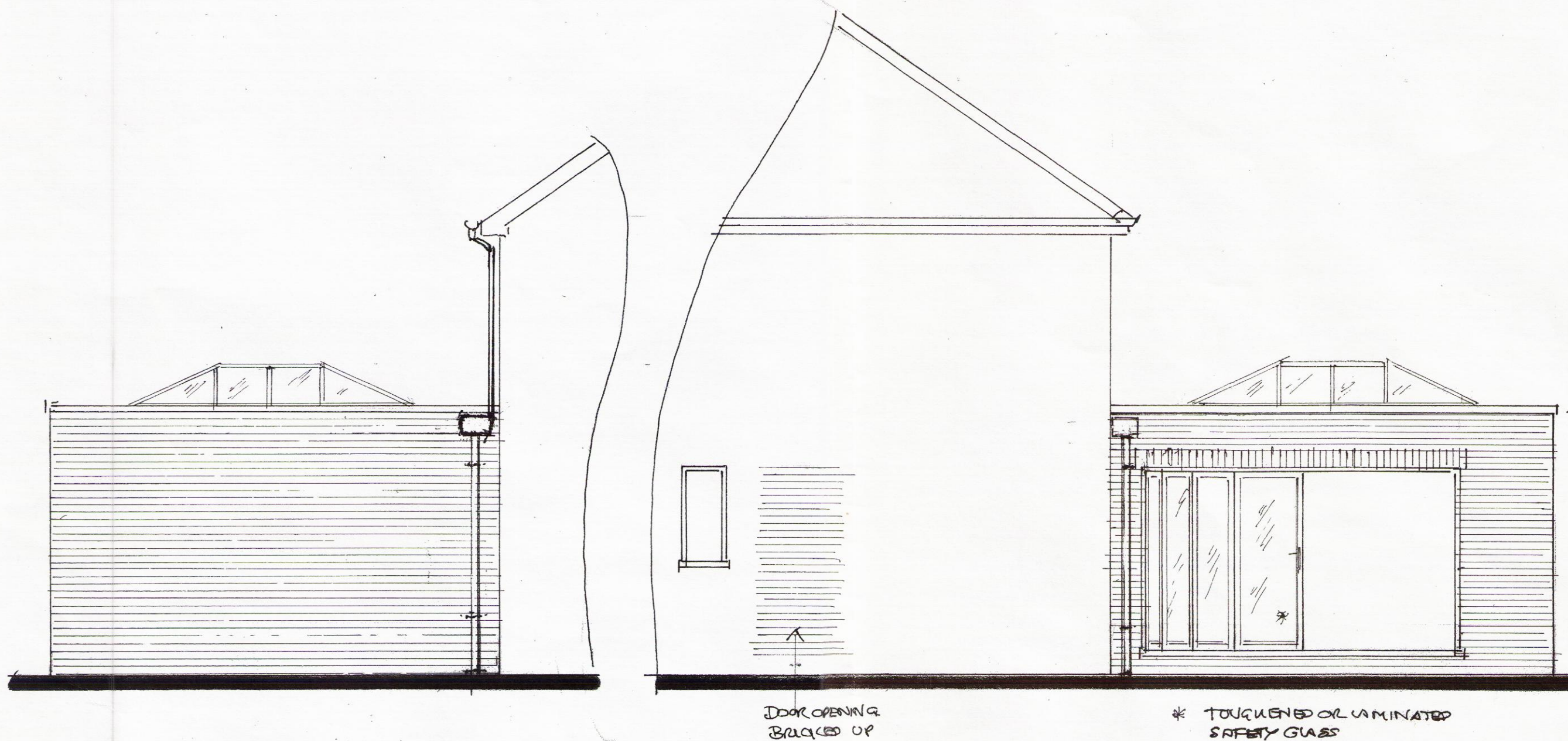
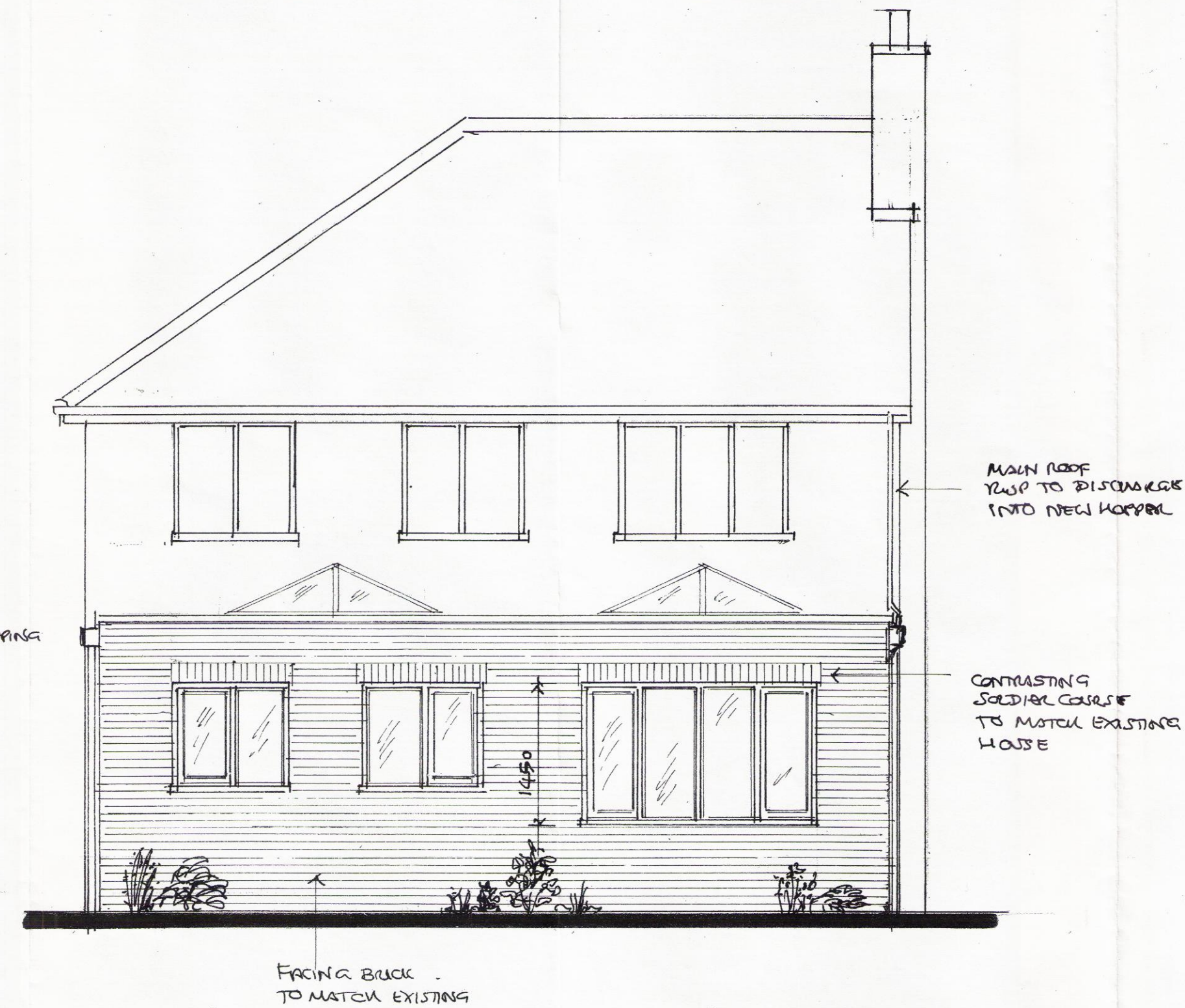


SIDE ELEVATIONS



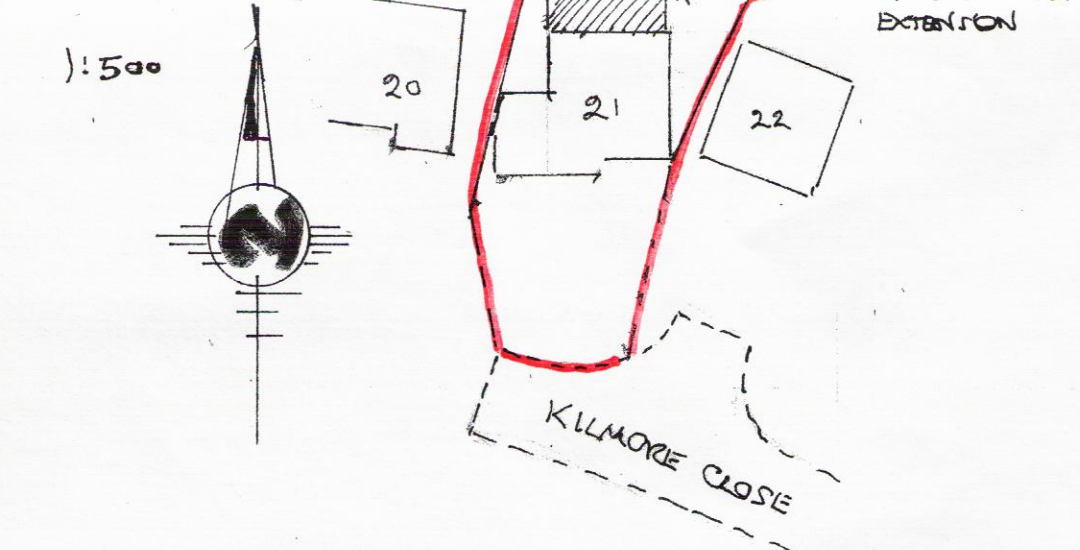
REAR ELEVATION



LOCATION PLAN

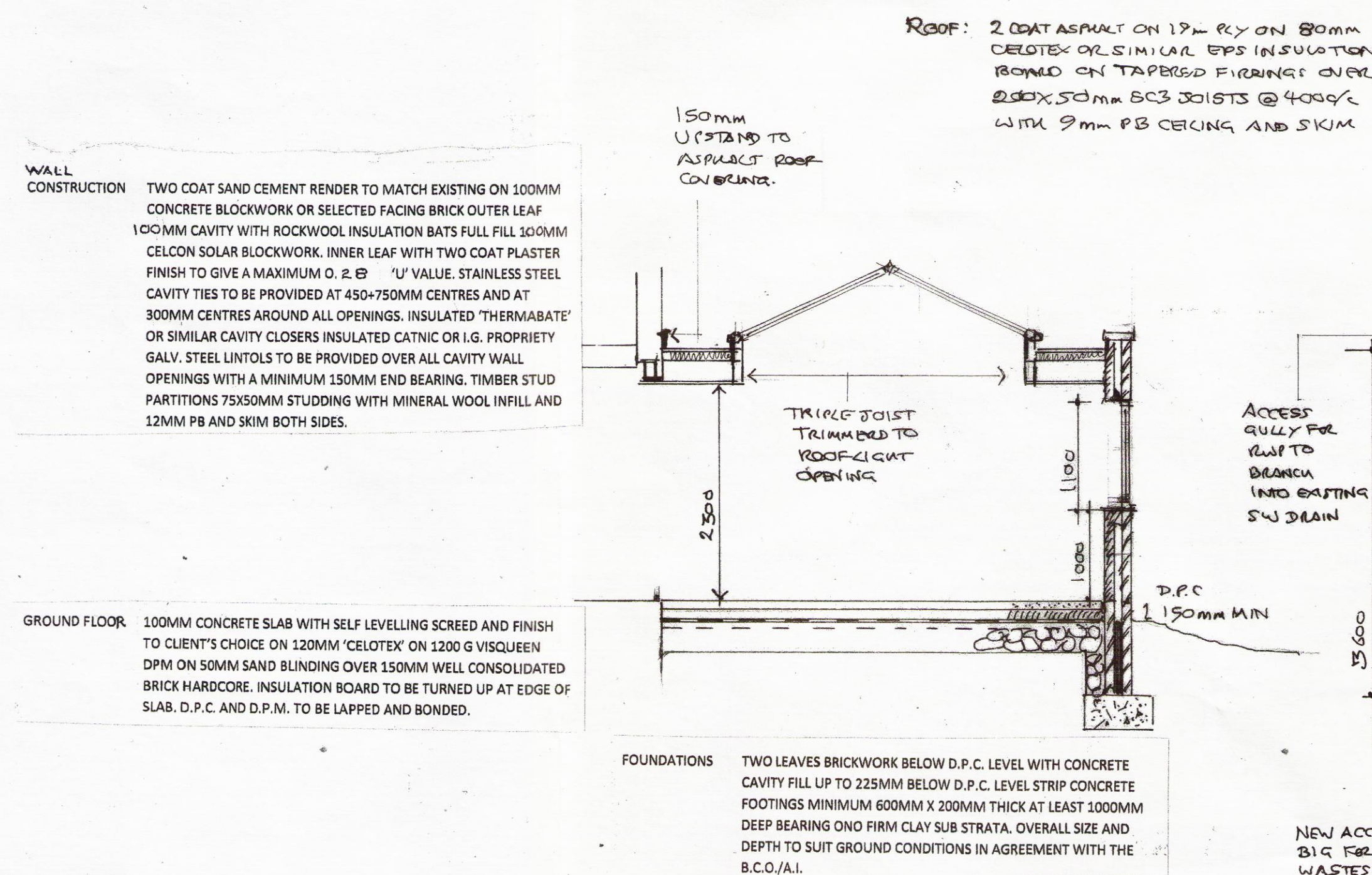


SITE PLAN

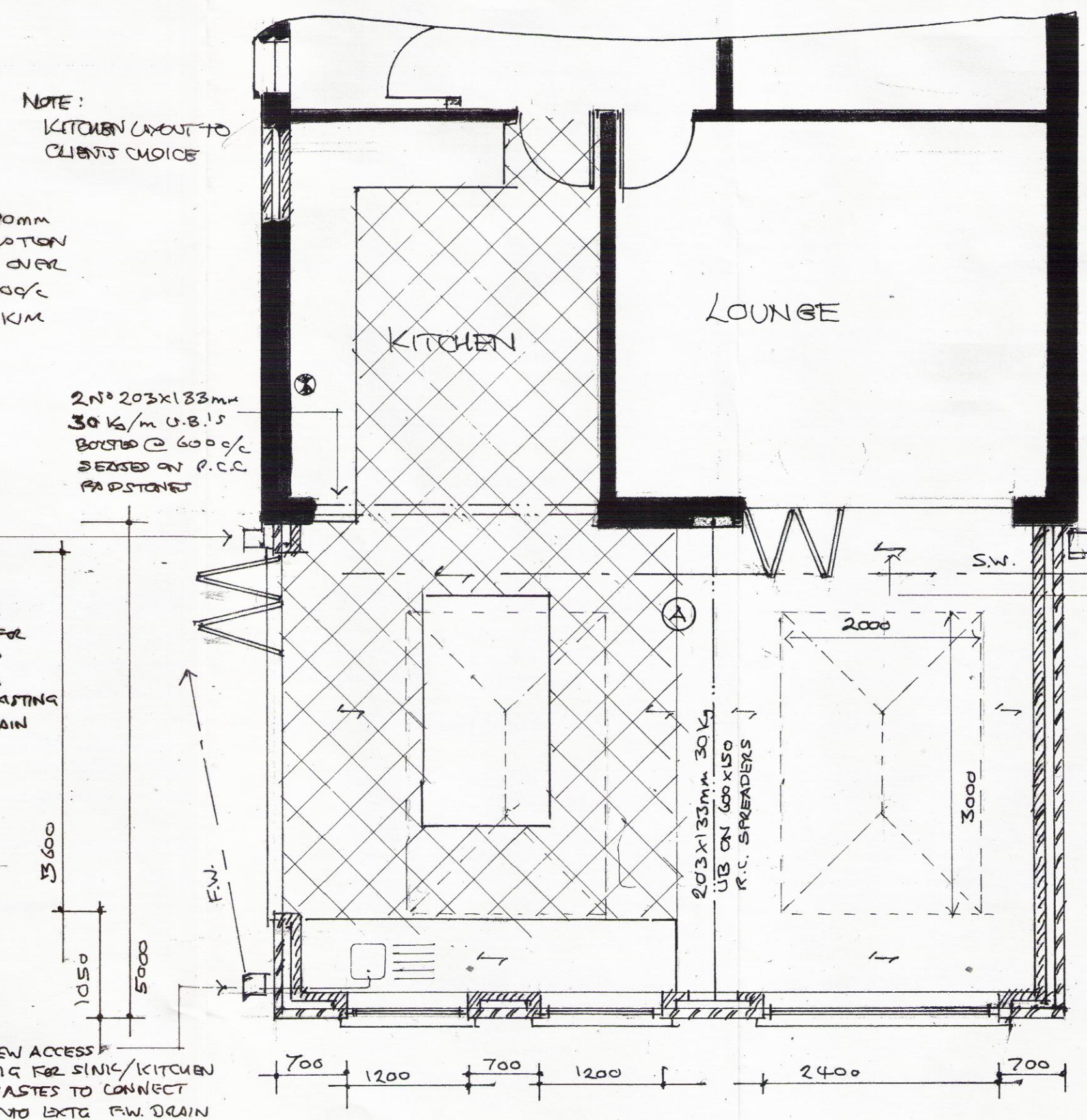


- WINDOWS** ALL NEW WINDOWS AND ROOF LIGHTS IN U.P.V.C. OR H.W. FRAMES TO HAVE 20MM SEALED DOUBLE GLAZED UNITS INCORPORATING LOW EMISSIVITY 'K' GLASS TO ACHIEVE A MAXIMUM 1.6 W/M K 'U' VALUE.
- VENTILATION** ALL HABITABLE ROOMS TO HAVE AT LEAST 8000MM² BACKGROUND VENTILATION PROVIDED THROUGH TRICKLE VENTILATORS BUILT INTO WINDOW FRAMES OR 2NO 225 X 150MM AIR BRICKS WITH LOUVRED CONTROLLABLE PLASTER VENTS. AT LEAST 4000MM² BACKGROUND VENTILATION TO BE PROVIDED TO KITCHENS, BATHROOMS AND UTILITY ROOMS. WINDOW FRAMES TO INCORPORATE OPENING VENTS EQUIVALENT TO AT LEAST 5% OF THE FLOOR AREA OF THE ROOM SERVED.

SECTION



FLOOR PLAN



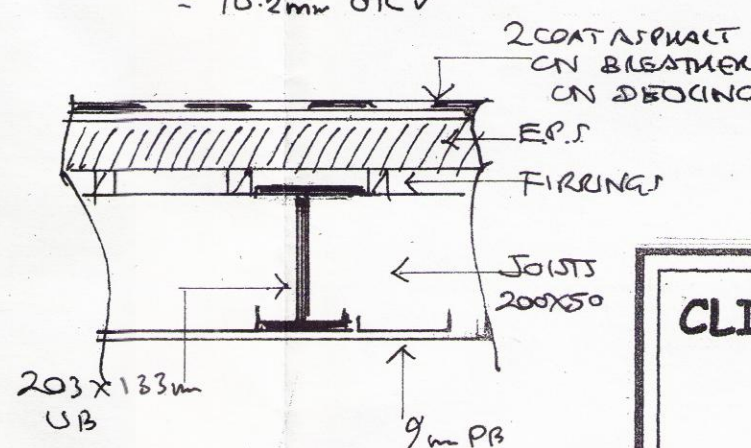
STEEL CHECK

203 x 133 mm 30kg/m WT
SPAN 5000

LOADS ROOF 1 1.7 x 5.0 x 2 17.0
ROOF 2 2.1 x 3.0 x 2 21.0

W 38.0kN

BM 4/8 = 23.75kNm
X-AY M/PBC = 14.4 cm³ O/C
S_p 4/360 = 13.9mm
S_a 54/3 = 5 x 38 x 5³ = 61.9
384 EI 384 EI EI
= 10.2mm O/C ✓



- MECHANICAL VENTILATION** ALL BATHROOMS AND SHOWER ROOMS TO BE FITTED WITH A MECHANICAL EXTRACT FAN CAPABLE OF AT LEAST 15 LITRES/SECOND EXTRACT RATE. KITCHENS TO HAVE EITHER A MECHANICAL EXTRACT FAN CAPABLE OF 60 LITRES/SECOND OR A COOKER HOOD CAPABLE OF A 30L/s. MECHANICAL EXTRACT FANS SERVING WINDOWLESS BATHROOM/SHOWER ROOMS/W.C. CUBICLES TO PROVIDE AT LEAST 3 AIR CHANGES PER HOUR WITH A 15 MINUTE OVER RUN FACILITY.
- DRAINAGE** ALL NEW DRAINS TO BE LAID USING 100MM DIAMETER HEPSLEVE OR U.P.V.C. PIPES AT 1:40 MINIMUM SELF-CLEANING GRADIENT. DRAINS UNDER BUILDING AND WITHIN 1M OF FOUNDATIONS TO BE ENCASED IN CONCRETE SURROUND. DRAINS PASSING THROUGH FOUNDATIONS TO BE BRIDGED OVER WITH P.C.C. LINTOLS AND ROCKER PIPE USED EITHER SIDE OF WALL. 100MM DIAMETER S.W.P. TO RECEIVE UPPER FLOOR FITTINGS WITH WIRE BIRD CAGE TERMINAL AT LEAST 900MM ABOVE THE HIGHEST WINDOW/VENT OPENING AND ABOVE ROOF LEVEL. ALL NEW SANITARY FITTINGS TO HAVE ANTI VAC TRAPS WITH WASTES CONNECTED SEPARATELY INTO SOIL STACKS ALL WASTES TO BE MADE ACCESSIBLE.
- GENERAL NOTES** ALL DIMENSIONS INCLUDING ROOF PITCHES TO BE CHECKED BY CONTRACTOR BEFORE WORK COMMENCES. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CARRIED OUT TO THE COMPLETE SATISFACTION OF THE DISTRICT B.C.O. ALL TIMBER TO BE TREATED WITH PRESERVATIVE. ALL NEW STEELWORK TO BE ENCASED IN 12MM GYPSUM 'FIRELINE' BOARD FOR 30 MINUTES FIRE PROTECTION. ALL GALV. LINTOLS TO BE INSULATED AND ENCASED WITH 12MM PLASTERBOARD AND SKIM FOR 30 MINUTES FIRE PROTECTION. ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NICEIC APPROVED CONTRACTOR WITH AN INSTALLATION CERTIFICATE TO BE PROVIDED ON COMPLETION. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES AND C.H. BOILERS TO BE REPLACED IF NECESSARY WITH CONDENSING TYPE BOILERS AND INSTALLED BY A CORGI REGISTERED CONTRACTOR.

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|-----------------------|---------------|-------------------------------------------------|--|
| CLIENT | | MR. & MRS G. DAWSON | |
| SH/2920 | | 23/11/15 | |
| SCHEME | | SINGLE STOREY EXTENSION AT REAR | |
| ADDRESS | | 21 KILMORE CLOSE AINTREE LIVERPOOL L9 0NX | |
| DRAWING NUMBER | | REV | |
| DATE | NOVEMBER 2015 | DRAWN | |
| SCALES | 1:50 | CHECKED | |