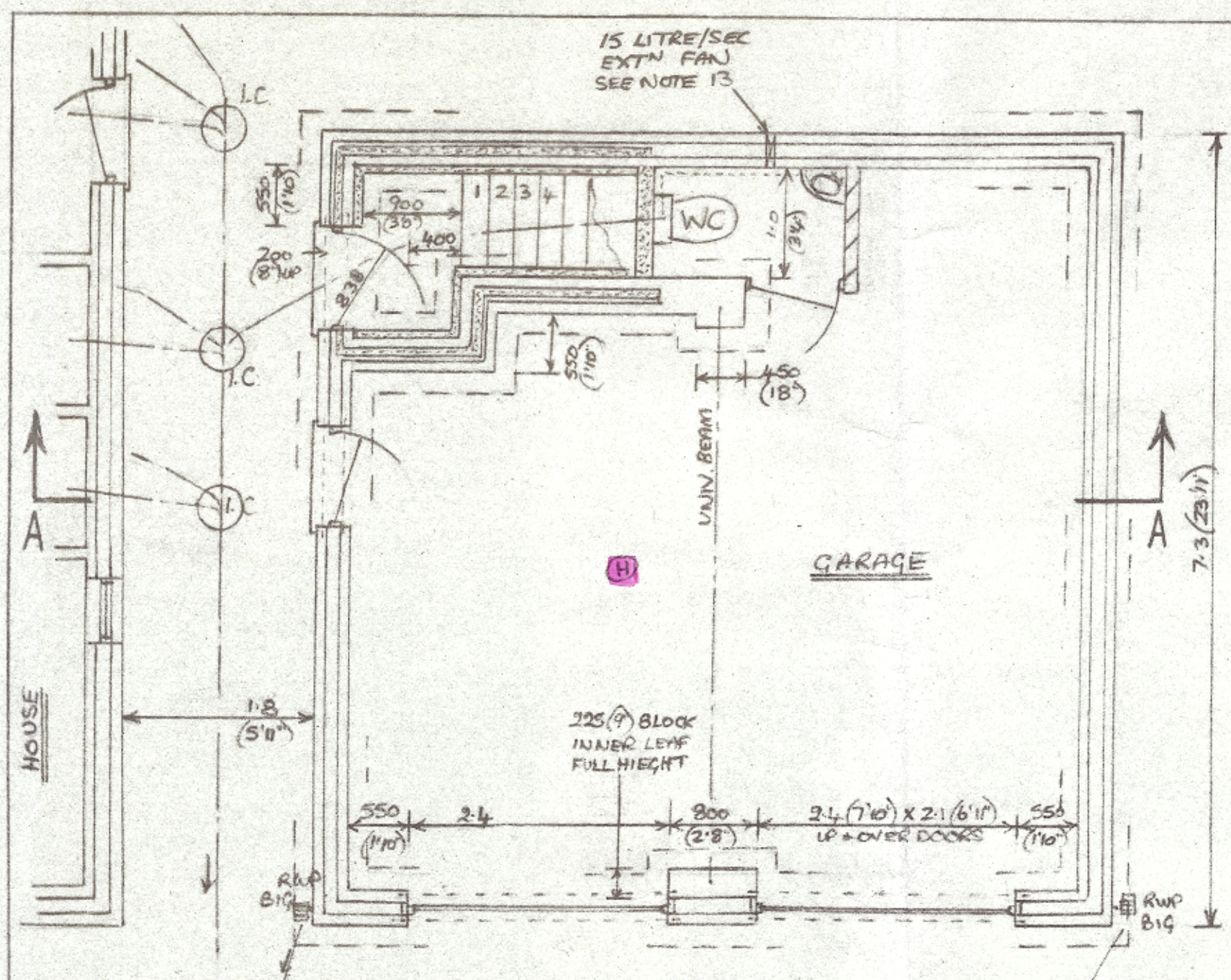
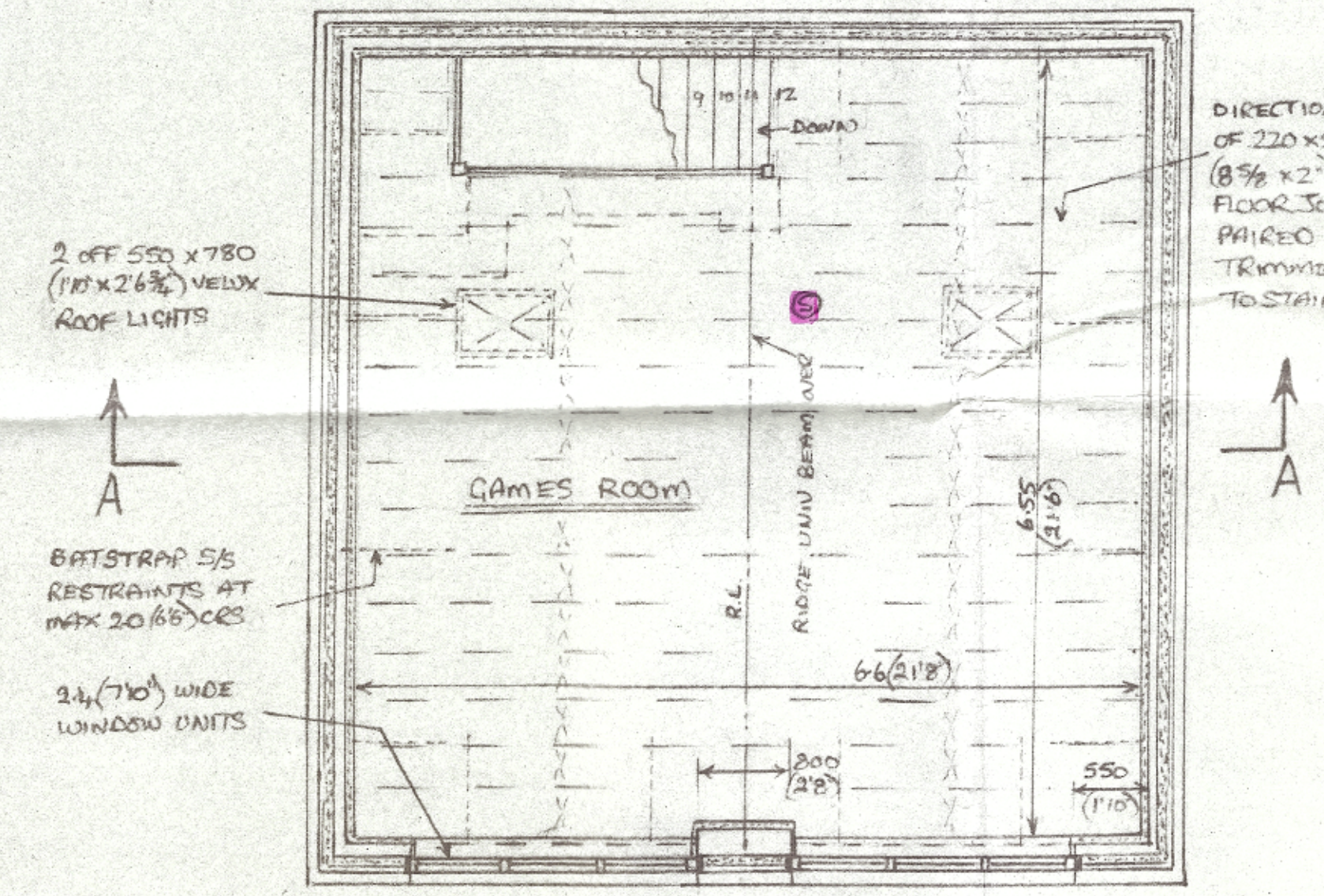




PROPOSED GROUND FLOOR



PROPOSED FIRST FLOOR

- EXTERNAL WALL FINISH TO BE WHITE ROUGHCAST TO MATCH HOUSE.
- ROOF COVERING TO BE NATURAL GREY SLATE TO MATCH HOUSE.
- DOORS & WINDOWS TO BE UPVC, GREY. GARAGE DOORS TO BE UP-OVER TYPE, GREY COLOUR.
- ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE.
- DOOR, WINDOWS & ROOF LIGHTS TO BE BROUGHT SEALED, & FRAMES SEALED INTO WALLS/ROOF WITH MASTIC (GAMES ROOM).
- CAVITIES AROUND OPENINGS, INCLUDING LINTELS TO BE INSULATED TO PREVENT COLD BRIDGING.
- 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 UPON COMPLETION.
- ALL ELECTRICAL SOCKETS & SWITCHES TO BE LOCATED BETWEEN 450 & 1200 (1'6" & 3'11") ABOVE FLOOR.
- PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING EFFICIENT LAMPS, EG FLUORESCENT-TUBE OR COMPACT MIN 40 LUMENS PER CIRCUIT WATT. EXTERNAL LIGHTS TO BE EITHER EFFICIENT AS ABOVE, OR ON A TIMER & AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION, 150 (5) DEEP FOR ANY OPENING UP TO 1.83 (6'0"), 225 (9) DEEP FOR OPENINGS UP TO 2.44 (8'0").
- EXTERNAL DOOR TO BE 838 (2'9") TO GIVE MIN CLEAR OPENING WIDTH OF 800 (2'7 1/2").
- A MAINS OPERATED FIRE DETECTION / ALARM SYSTEM TO BE INSTALLED TO BS 5839-6, 2004, GRADE 'D' CATEGORY L03, WITH SMOKE ALARM TO BS EN 14604, SHOWN (S), & HEAT ALARM TO BS 5446-2, SHOWN (H) LOCATED ON CEILINGS MIN 300 (12) FROM WALLS & LIGHT FITTINGS & WITH SENSORS BETWEEN 25 & 400 (1' & 2'6") 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.
- GAMES ROOM TO HAVE OPENING WINDOWS ETC EQUAL TO AT LEAST 1/20 FLOOR AREA, & 9000mm² (13m²) TRICKLE VENTILATION.
- WC TO HAVE 15 LITRE/SEC CAPACITY EXTRACTION FAN, OPERATING BY LIGHT SWITCH WITH 15 MIN'S OVER-RUN.

25 (1 1/2) AIRCAP, CONTINUOUS ALONG EAVES, FIT FLYSCREENS

100x50 (4x2) WALL PLATES SECURED BY S/S BATSTRAPS AT MAX 20 (6 1/2) C/S

115 (4 1/2) GUTTERING ON FACIA BOARDS 63 (2 1/2) DOWNPIPES ALL IN UPVC, TO DISCHARGE INTO BACK INLET GULLIES

DOTTED LINES SHOW PROFILE OF UPVC WINDOWS IN S.W. GABLE

2 OFF 0.33x0.78 (1'0" x 2'6") VELUX ROOF LIGHTS, C/OOZ GLAZING TYPE GQH 0070 U VALUE 1.3

RAFTERS CROSSED OVER & BOLTED TOGETHER

254 x 146 (10 x 5 3/4) x 37.4 UNIV BEAM RIDGE, ON 150 (6) CONC PASTONAGE ATOP PILLAR, & MIN 1.22 (4'0") LONG R.C. LINTEL SPREADER TO INNER LEAF IN N.E. WALL, 125x50 (5x2) WALLPLATE BOLTED ATOP. 15x47 (7 1/4 x 17 1/2) RAFTERS AT 400 (16) C/S, PAIRED TO SIDES & AS TRIMMERS TO ROOFLIGHTS, BREATHABLE FELT 40x25 (1 1/2 x 11) BATTENS & NATURAL BLUE GREY SLATE 25" PITCH.

140 (5 1/2) KINGSPAN K7 BETWEEN RAFTERS TO LEAVE 30 (2) AIRCAP ABOVE 500 GAUGE VISQUEEN VAPOUR BARRIER 40 (1 5/8) BACKED 127 (5) PLASTER BOARD (KINGSPAN K7) & SKIM UNDERFALL U VALUE 0.13

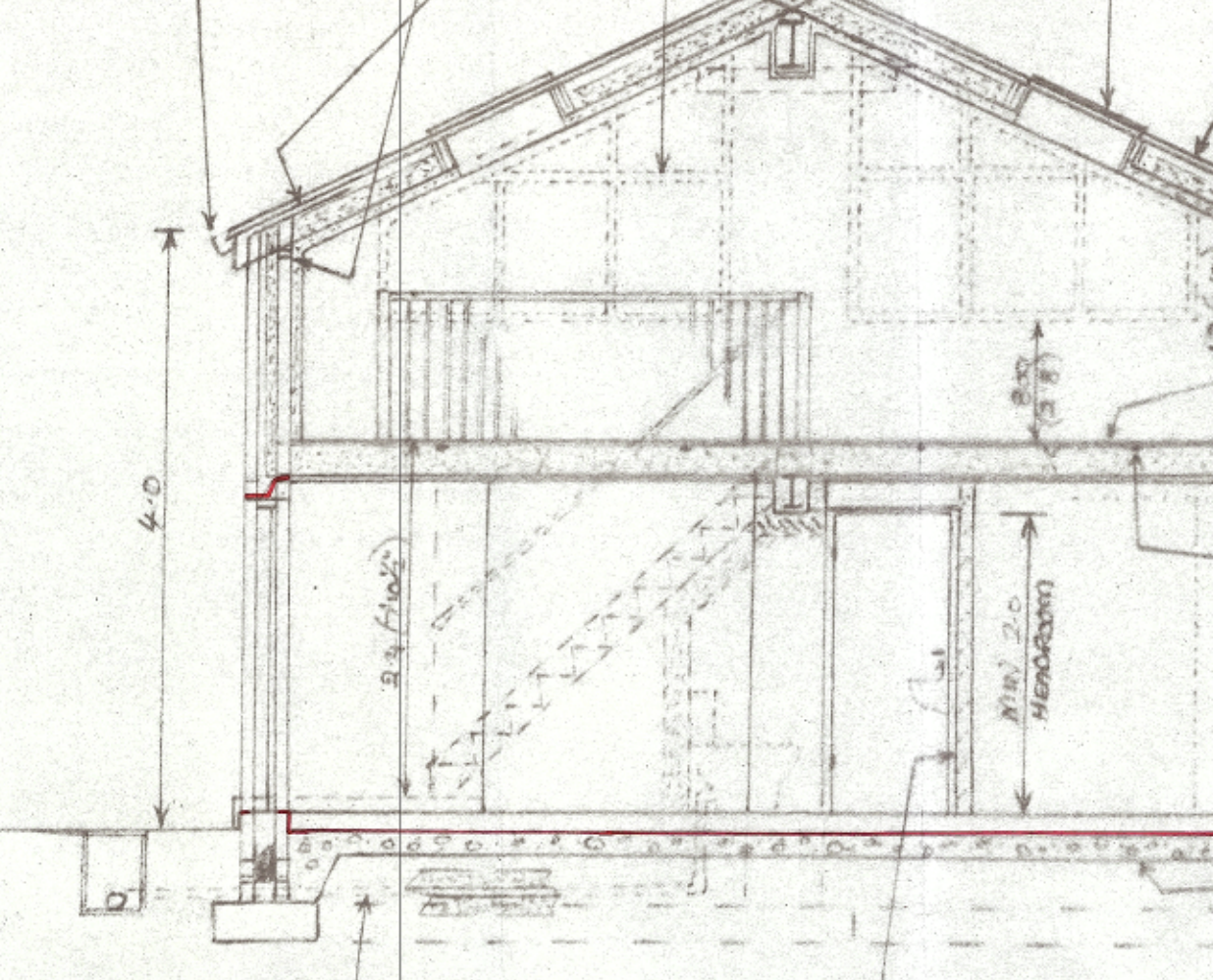
203 x 133 (8 x 5 1/4) x 30 kg UNIV BEAM ON 150 (6) THICK CONC PASTONAGE, 220x50 (8 3/4 x 2) FLOOR JOISTS AT 400 (16) C/S STARTED AT MID SPAN EACH SIDE, 22 (7 1/8) T+G FLOOR GRADE CHIPBOARD OVER 15 kg/m² 1 HOUR FIRELINE BOARD UNDER 200 (8) KINGSPAN K3 BETWEEN U VALUE 0.13

225 (9) DEEP R.C. LINTELS UP TO 2.44 (8'0") OPENINGS, 150 (6) DEEP UP TO 1.83 (6'0"). VERTICAL & LINTEL D.P.C. TO EXTERNAL OPENINGS

BATSTRAP RESTRAINTS OF S/S AT MAX 20 (6 1/2) C/S

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

150 (6) HARDWARE SCREENED WITH SAND 1200 GAUGE VISQUEEN D.P.M., 150 (6) CONC GARAGE FLOOR, 100 (4) KINGSPAN K3 & 100 (4) CONC TO STAIRWELL



DRAIN OF 100 (4) DIA UPVC, MIN 450 (18) DEEP OR ENCASED IN 150 (6) CONC IF LESS TO JOIN EXISTING DRAIN LINE AT I.C. BRIDGED BY R.C. LINTELS THROUGH WALL & ENCASED IN 150 (6) PER GRAVEL UNDER FLOOR. BASIN WASTE PIPE OF 40 (1 1/2) DIA UPVC WITH 75 (3) DEEP SEAL TRAP & ENTER MANIFOLD AT W.C. OUTLET.

100x50 (4x2) STUD AT 400 (16) C/S, 9.5 (3/8) PLASTER BOARD & SKIM BOTH SIDES

UNDER STAIR OF SAME STUDDING, 1 HOUR FIRELINE BOARD & 120 (4 3/4) KINGSPAN K8

675 x 225 (2'3" x 9'1") CONC STRIP FOUNDATIONS, MIN 600 (20) DEEP, CAVITY WALLS OF 2 LEAF 100 (4) CONC BLOCK FOUNDATIONS TO PILLARS FOR U.B.S. TO EXTEND MIN 150 (6) OUTSIDE IN ALL DIRECTIONS, 115 (4 1/2) CAVITY FILLED SOLID WITH CONC UP TO 225 (9) BELOW D.P.C. & SEALED OFF AT EAVES, TO 225 (9) KINGSPAN K7 TO INNER LEAF IN CAVITY TO LEAVE 45 (1 3/4) AIRCAP (TO HABITABLE AREA ONLY). 350 (10) LONG S/S WALLTIES (STAIRFIX RT2 OR SIMILAR) AT 150 (6) C/S HORIZONTALLY, 450 (18) VERTICALLY & WITHIN 150 (6) EVERY BLOCK COURSE OF OPENINGS. 19 (3/4) RENDER/ROUGHCAST EXTERNAL, 40 (1 1/2) BACKED 127 (5) PLASTER BOARD (KINGSPAN K7) ON PLASTER DAGES & SKIM INTERNAL (TO HABITABLE AREA ONLY). DRAINING BOARDS TO HAVE JOINTS & EDGES TAPE SEALED, & ALL ELECTRICAL BACKBOXES, CONDUITS ETC TO BE SEALED WITH MASTIC TO MAINTAIN AIRTIGHTNESS. U VALUE 0.18

STAIR DETAIL

FLOOR TO FLOOR SIDE

12 EQUAL RISES OF

11 EQUAL GOINGS OF

STRING

WIDTH

TREADS

RISERS

LANDING GOING AT BOTTOM

NEWEL POSTS

HANDRAIL HEIGHT TO STAIR & STAIRWELL

MAX GAP BETWEEN VERTICAL SPINDLE INFILL

MIN HEADROOM ABOVE PITCH LINE

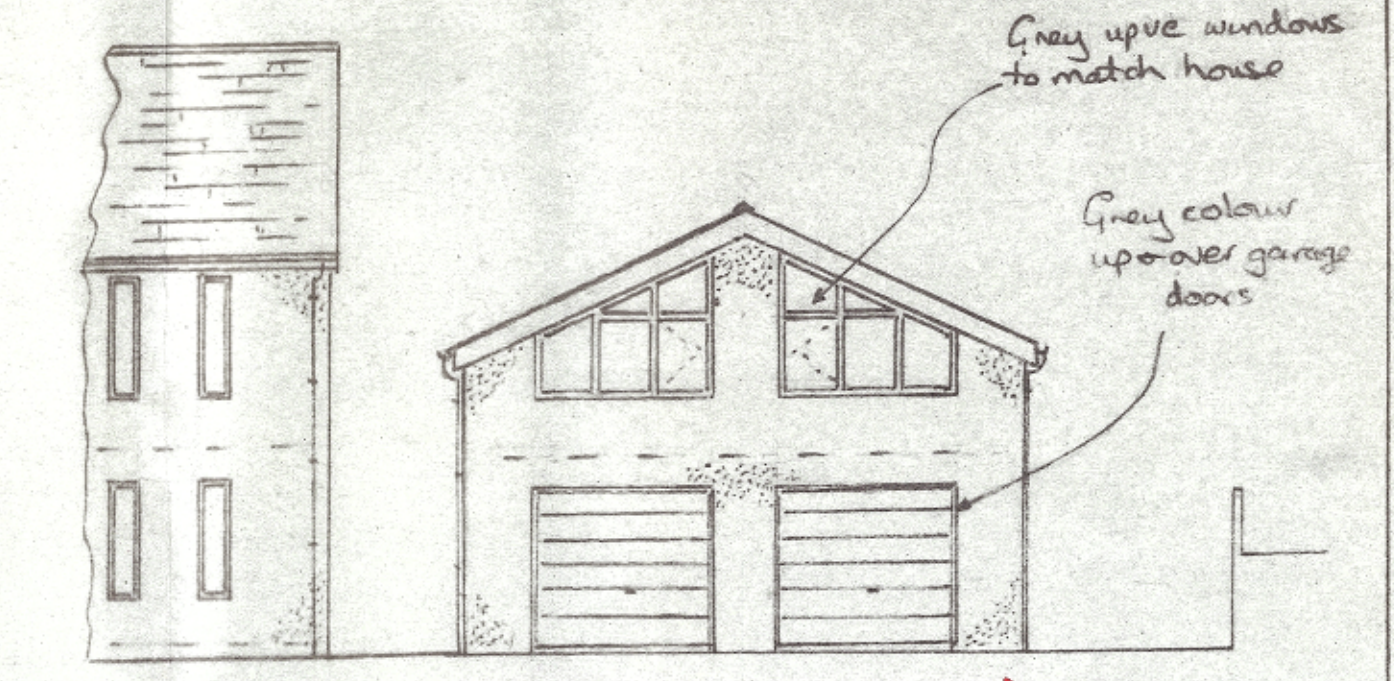
PITCH

FIRELINE BOARD UNDER

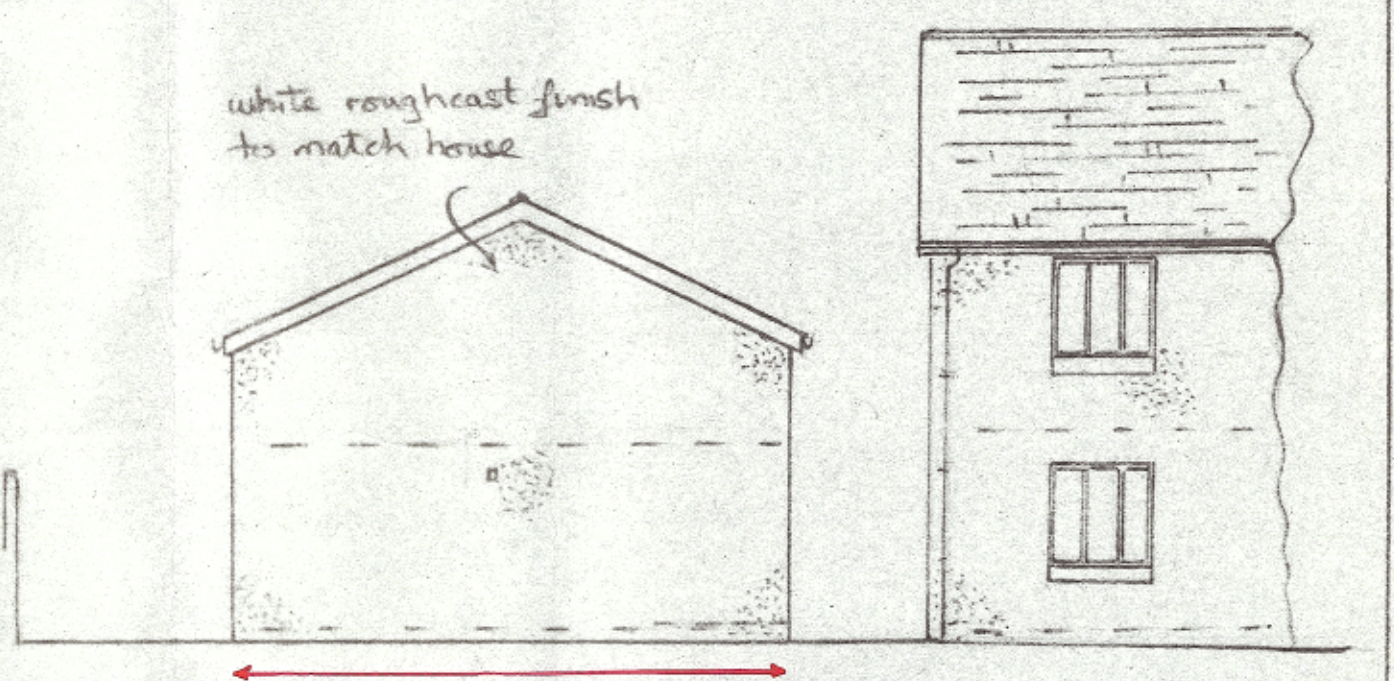
2400 (7'10 1/2)
200 (7'8 3/4)
23 (9'7 1/8)
22 (9'7 1/8)
22 (9'7 1/8)
864 (2'10)
254 (1')
19 (3/4) 69mm PLY
900 (3'0)
70 (3'5) SQ
900 (3'0)
79 (3'4)
2000 (6'6 3/4)
420
1 HOUR RATING

SECTION AA

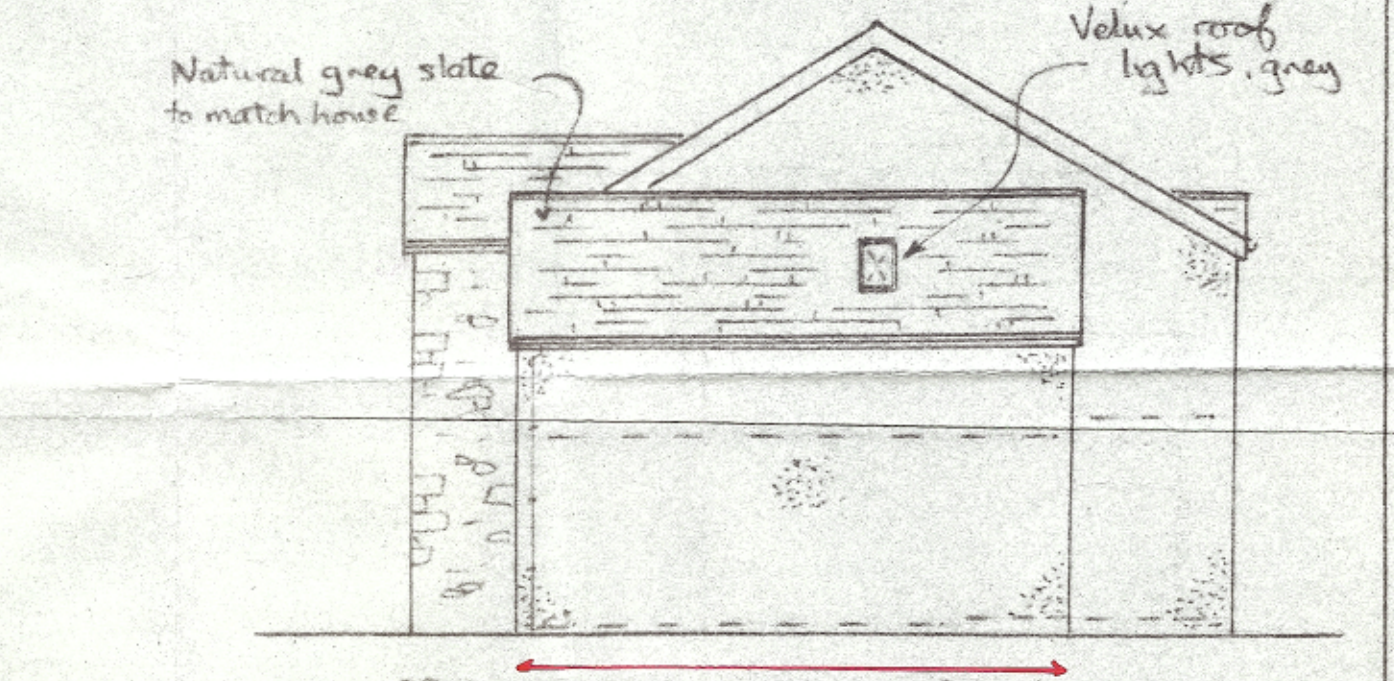
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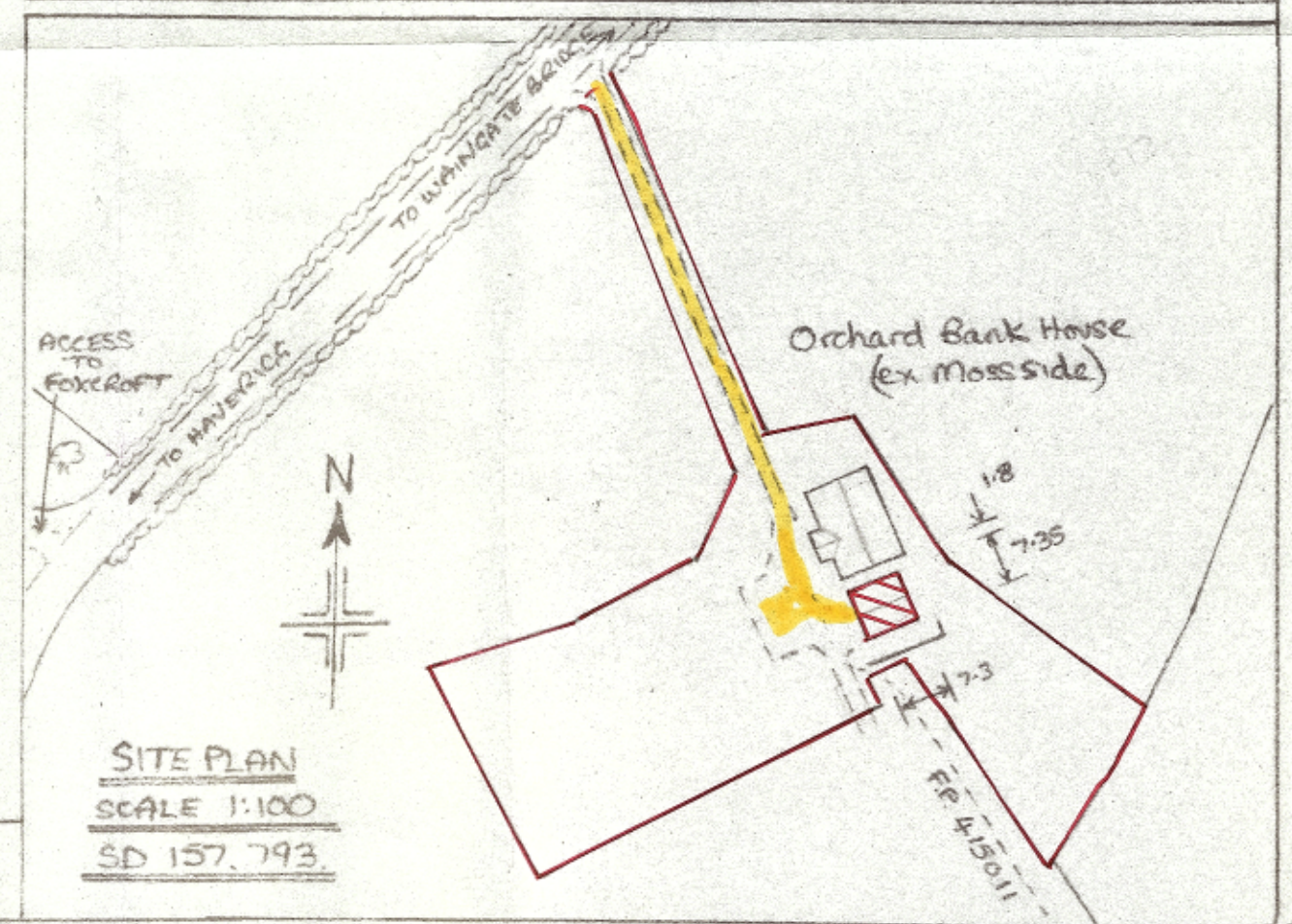
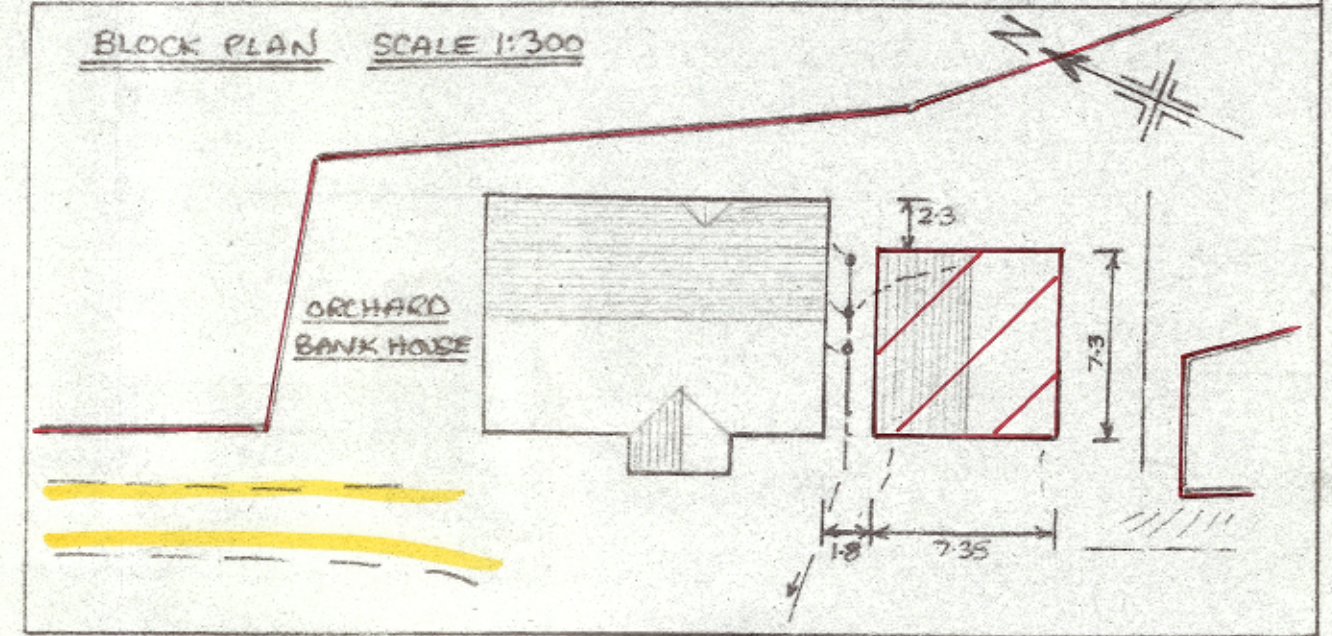
PROPOSED SOUTH WEST ELEVATION



PROPOSED NORTH EAST ELEVATION



PROPOSED SOUTH EAST ELEVATION



PROPOSED DOUBLE GARAGE & GAMES ROOM AT ORCHARD BANK HOUSE, HAVERIGG MILLOM, CUMBRIA FOR MR D. MACKIE.