

"Double Roman" corrugated
cement tiles, "marley grey"
white upvc windows
out french upvc door
Roughcast finish,
150(6) plain cement
bands to openings

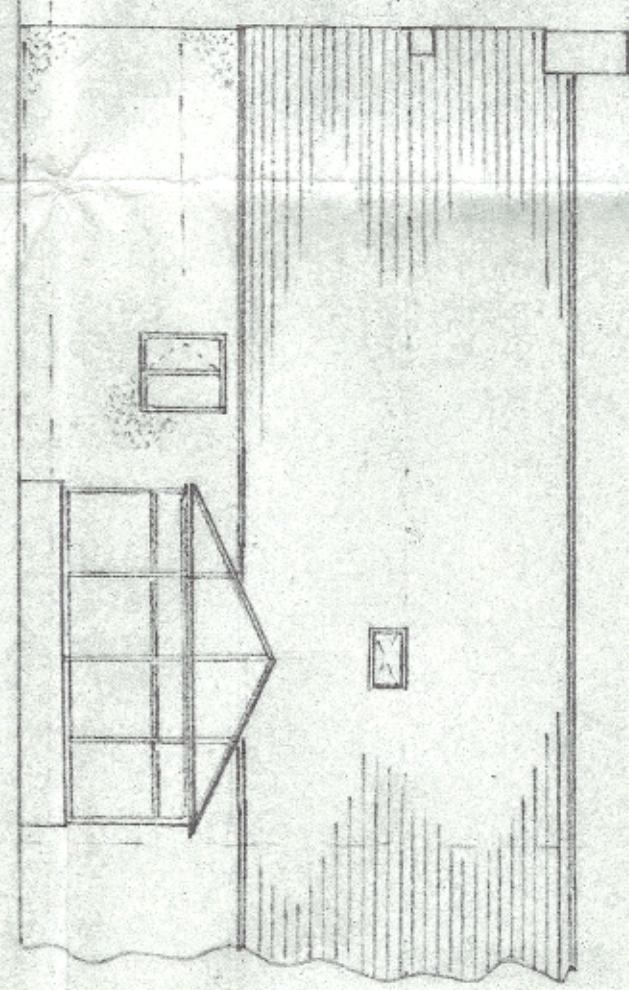
SCALE 1:100

EXISTING
EAST ELEVATION

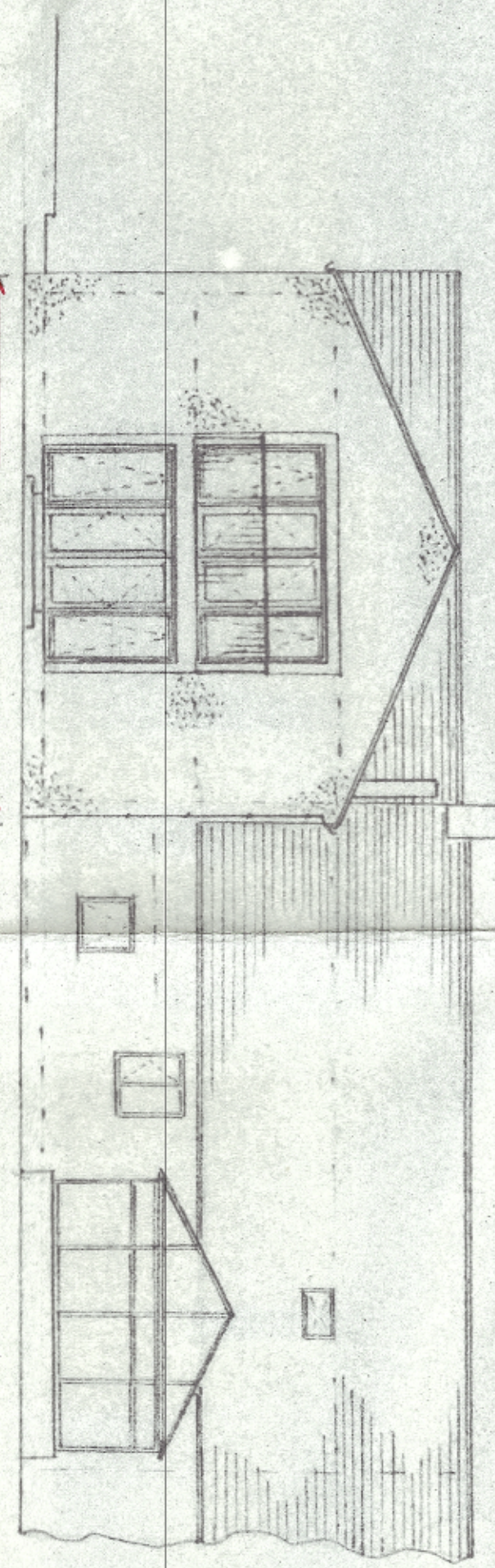


"marley grey"
"Double Roman" corrugated
cement tiles to match
white upvc windows, + dark
french upvc door to match
Roughcast + 150(6) cement
bands to match

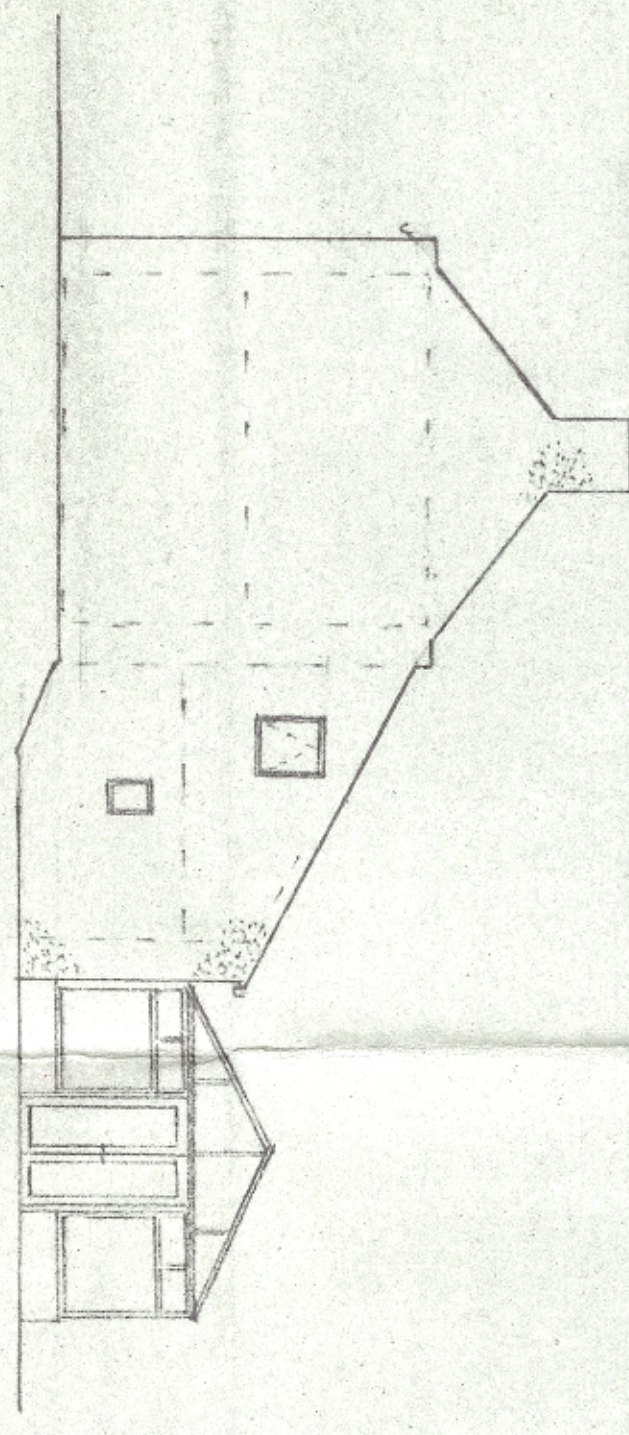
PROPOSED
EAST ELEVATION



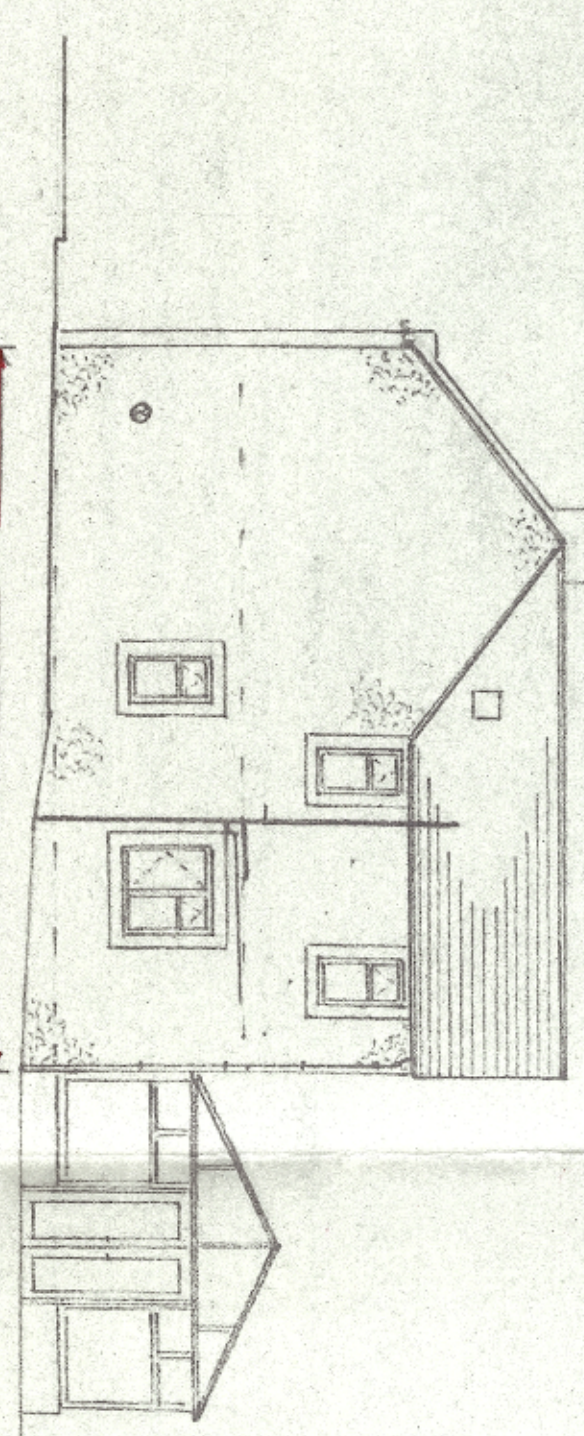
EXISTING
WEST ELEVATION



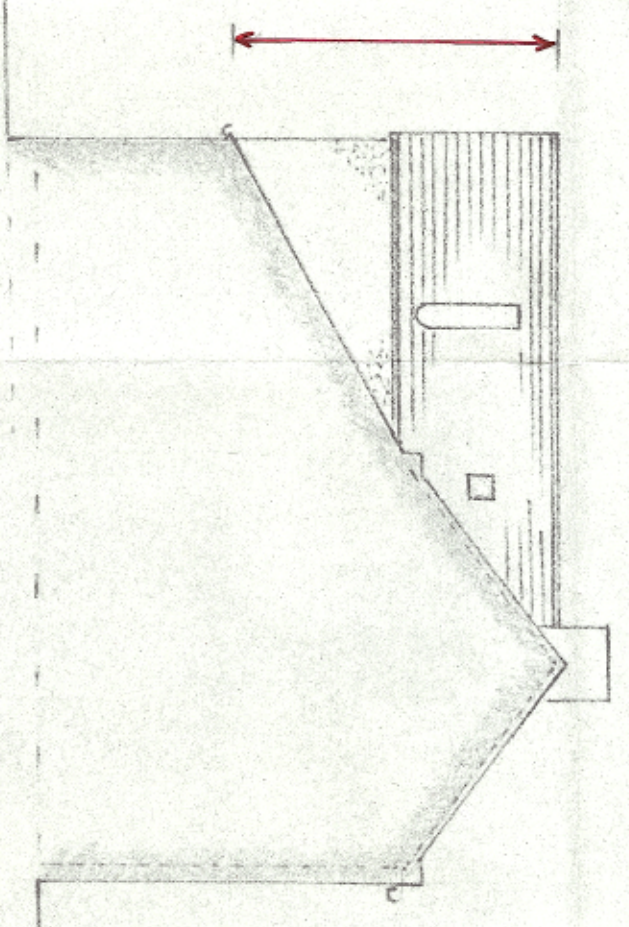
PROPOSED
WEST ELEVATION



EXISTING
NORTH ELEVATION

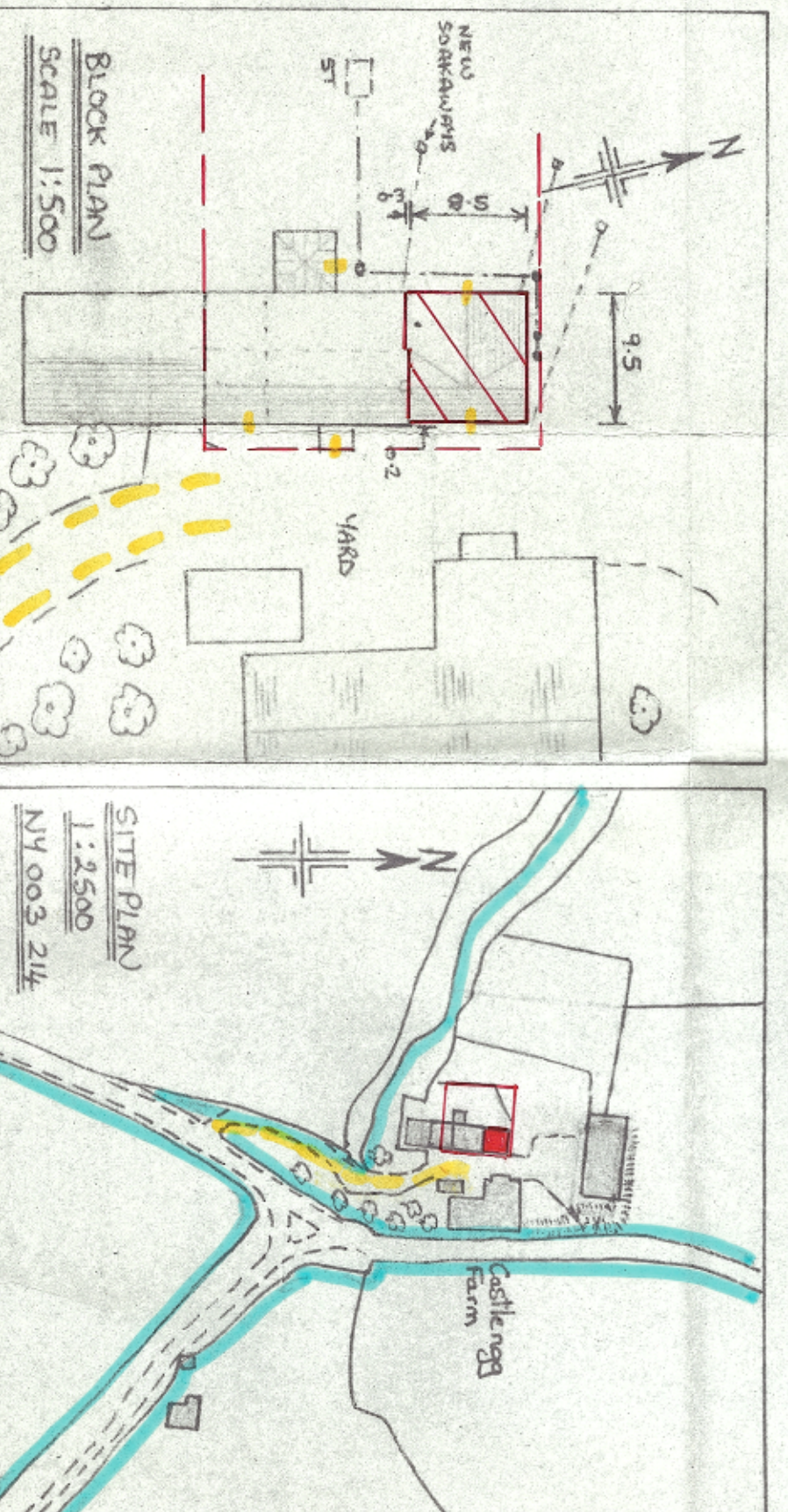


PROPOSED
NORTH ELEVATION



PROPOSED
SOUTH ELEVATION

- 1) ROOF COVERING TO BE MARLEY "DOUBLE ROMAN" CEMENT TILES, "GREY/ROMAN" COLOUR TO MATCH EXISTING.
- 2) EXTERNAL WALL FINISH TO BE ROUGHCAST TO MATCH EXISTING, WITH 150(6) PLAIN CEMENT BANDS TO OPENINGS - TO MATCH EXISTING.
- 3) WINDOWS + DOORS TO BE WHITE UPVC, + EXIST DOOR ONE FINISH UPVC - TO MATCH EXISTING.
- 4) ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE.
- 5) ALL WINDOWS + DOORS TO BE DRAUGHT SEALED + FRAMES SEALED INTO WALLS WITH MASTIC.
- 6) CAVITIES AROUND OPENINGS, INCLUDING LINTELS, TO BE INSULATED TO PREVENT THERMAL BRIDGING.
- 7) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED + TESTED IN ACCORDANCE WITH BS 7671 (I.E.E. WIRING REGS - LATEST EDITION) + WORK UNDERTAKEN BY A QUALIFIED PERSON SUPPLYING A CERTIFICATE OF COMPLIANCE TO BUILDING CONTROL UPON COMPLETION.
- 8) ALL ELECTRICAL SOCKETS + SWITCHES TO BE LOCATED BETWEEN 450 + 1200 (15" + 31") ABOVE FLOOR.
- 9) PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING EFFICIENT LAMPS, E.G. FLUORESCENT - TUBE OR COMPACT, MIN 40 LUMENS PER CIRCUIT WATT.
- 10) EXTERNAL LIGHTS TO BE EITHER EFFICIENT AS ABOVE, OR ON A TIMER + AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- 11) REINFORCING TO CONCRETE LINTELS TO BE 2 OF 8'S, 600'S IN LOWER SECTION.
- 12) ALL GLASS PANES IN DOORS, ADJACENT TO, + ANY WINDOW FRAME LESS THAN 800 (2'7 1/2") ABOVE FLOOR TO BE 333 (2'9 1/2") TO GIVE MIN CLEAR OPENING OF 800 (2'7 1/2").
- 13) GLASS MANUFACTURER TO SUPPLY DETAILS (CALCULATIONS TO BUILDING CONTROL) UPON REQUEST. (NOTE MIN 33% FREE FOR SMOOTH DOUBLE ROMAN TILES)
- 14) ALL REINFORCE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY, EXISTING SPECIFIC TRAP SEWERS.
- 15) A CHECKED NOXIDISE (C) ALARM TO BE FITTED IN LANTERN, TO BS EN50291:2001, + HAVE A BATTERY DESIGNED TO REPLACE 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 + BATTERED 1.0 + 3.0 (3'1" + 9'6") HOR. CONTROLLY FROM WARD BURNING STOVE.
- 16) A SAFETY INFORMATION LABEL TO BE PROVIDED FOR WARD BURNING STOVE AS PER REQUIREMENT T11 (Paragraph 1-3) + A CHECKLIST AS PER J. APPENDIX A1, BY HERIOTS APPROVED INSTALLER OF HERIOTS, STOVE + FUE UPON COMPLETION. COPY TO BE PROVIDED TO BUILDING CONTROL.
- 17) WOOD STOVE TO HAVE A PERMANENT AIR SUPPLY OF 300mm (1'0") FOR 1ST 5 LVS OF WATT + 850mm (2'8") FOR REMAINING LVS OF WATT.
- 18) WATER, + SPACE HEATING TO BE PROVIDED BY EXISTING GAS FIRED BOY 105 E COMBUSTION CONDENSING BOILER, WITH EXISTING RADIATOR SYSTEM EXTENDED, TIME/ZONE/THERMOSTATICALLY CONTROLLED TO GIVE NOMINAL 21°C IN LANTERN + STUDY, + 18°C ELSEWHERE.
- 19) IF A BATH FITTED, THE HOT WATER SUPPLY TO IT TO BE LIMITED TO 48°C BY MEANS OF AN INLINE THERMOSTATIC VALVE, OR OTHER TEMPERATURE CONTROL DEVICE.
- 20) CONSERVATION OF EXISTING DETAILS - EXTENSION.
 - a) VALUE OF GROUND FLOOR: 0.22
 - b) VALUE OF WALLS: 0.26
 - c) VALUE OF ROOF CEILING: 0.14
 - d) AREA OF WINDOWS + FULL GLAZED DOORS, WOOD FRAME, MIN 20mm GAP @ J, E.G. SYSTEM 3, 1.1 INVERTED LOW E, AIRFIL, U VALUE 1.4, 2379 m², 25.785 m² (GK) AREA OF DOOR, U PVC, INVERTED GLAZED, AS ABOVE
 - e) U VALUE 1.8, 1.455 m²
- 21) ALL DRAINING CHANNELS TO HAVE ELBOWS + JOINTS TYPE SEALED, ALL ELECTRICAL BOXES, CONDUITS ETC. TO BE SEALED WITH MASTIC TO MAINTAIN AIRTIGHTNESS.
- 22) LAUNDRY STOVE + BEDROOMS TO HAVE OPENING WINDOWS (DOORS EQUAL TO 1/20 FLOOR AREA, + 8000mm (2'6") TRICKLE VENTILATION).
 - SHOWER AND C. ROOMS, ANY SIZE OPENING, 4000mm (13'0") TRICKLE VENTILATION + 30 LITRE/SEC CAPACITY EXTRACTION FAN.
 - (IF NO WINDOW, 15 LITRE/SEC EXTRACT FAN TO OPERATE BY LIGHT SWITCH WITH 15 MINS OVER-RUN, + 10 (6) FIVE DE WOOD DOOR
- 23) NEW BEDROOMS TO HAVE AN OPENING WINDOW (OR DOOR) WITH A CLEAR OPENING AREA OF 0.33 m², + WITH A MIN CLEAR WIDTH IN ANY DIRECTION OF 450 (1'6") E.G. 450X750 (1'6" X 2'6") AS ALTERNATIVE MEANS OF ESCAPE IN CASE OF FIRE. BOTTOM OF OPENING TO BE NO MORE THAN 1.1 (3'7 1/2") ABOVE FLOOR. (SAME TO GROUND FLOOR COMPUTER ROOM)
- 24) EXISTING, MAINS OF SEPARATE FIRE DETECTED ALARM SYSTEM TO BS 5839-6, 2004, CAMEO D, CATEGORY L03, TO BE EXTENDED, WITH SMOKE ALARMS TO BS EN 14601, SIGNAL (S), + ALERT ALARMS TO BS 5446-2, SIGNAL (S), LOCATED ON CEILING, MIN 300(12) FROM WALLS + LIGHT FITTINGS, + WITH SENSORS INTERCONNECTED SO ALL SOUND WITH DETECTION BY ANY ONE UNIT, MAINS SUPPLY TO BE A SINGLE INDEPENDENT CIRCUIT, + DETECTORS TO HAVE A STAND-BY POWER SUPPLY, E.G. BATTERY.
- 25) PROVIDE ROBBING/CLIMBING ACCESS TO WARD STOVE FUE VIA GAS TIGHT FLEXIBLE MOBE COVER, ALSO PROVIDE ACCESS POINTS 300(12) IN BORED OUT WOOD AROUND FUE, NO MORE THAN 1.5 (4'11") FROM ANY JOINT IN FLEX, INCLUDING ROOF JOINT, UNLESS MAINTAINING 1/20 AIR FUE INTERFERENCE FOR INSPECTION PURPOSES.
- 26) EXTERNAL DOORS + GROUND FLOOR WINDOWS TO BE OF SECURE DESIGN AS PER APPROVED DOCUMENT PART 9, BS PAS 24:2012, OF OTHER EQUIVALENT STANDARD.
- 27) RAIN WATER TO DISCHARGE INTO NEW DOWNPIPS, 1 ON EACH PROPERTY, WARDWARD, CREESES, TOTAL ROOF AREA = 66.1 m², PROVIDE 3.65%.
- 28) HOT WATER, + SPACE HEATING TO BE PROVIDED BY NEW MAINS GAS CONDENSATION CONDENSING BOILER, MIN 300(12) FROM WALLS, WITH FAN ASSISTED/BLANKETED FUE + WIDE MESH THERMAL GUARD, + RADIATORS, THERMOSTATICALLY ZONE CONTROLLED TO GIVE NOMINAL 21°C IN LANTERN + STUDY, + 19°C ELSEWHERE.
- 29) DOWNPIPE 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.



PROPOSED EXTENSION AT CASTLERIGG FARM MORESBY WHITEHAVEN, FOR MR D HARPER

SHEET 1

31-7-16

R. A. LUTHER
LONDON - WILLOW

1505