- MECH' EXTRACTION FAN/S (M/E)

AS DOC F. B REGS PROVIDE ADDITIONAL MECH' VENTILATION TO KITCHEN, BATHROOM, UTILITY AND EN'SUITE AREAS USING A TOPP'S S12/NU-AIRE' TYPE OR SA LOW VOLTAGE EXTRACTION FANS WITH ADJUSTABLE RUN-ON TIMERS TO DUCT-VENT OUT TO EXTERNAL AIR C/W RIGID/FLEXIBLE DUCT-SLEEVES UP TO/FROM ROOF VOIDS AND/OR THRO' EXTERNAL WALLS WITH CAVITY WALL DUCT-SLEEVES, MAGNETIC GRILLES AND LOUVRES

- KITCHEN FAN INC' INTO COOKER HOOD TO RUN NO LESS THAN 30L/SEC'
- UTILITY FAN 30L/SEC, BATHROOM AND EN'SUITE BOTH TO RUN NO LESS THAN 15L/SEC' AND TO HAVE A 1/4HOUR OVER-RUN DUE TO BEING WINDOWLESS IE - NO FRESH AIR/VENTILATION

- GAS CENTRAL HEATING BOILER. "GAS-SAFE" REG'D ENGINEERS TO INSTALL, COMMISSION, TEST AND CERTIFY A NEW GAS CH BOILER MOUNTED ONTO EXTERNAL CAVITY WALL TO LEFT SPACE C/W BALANCED FLUE AS DOC J. DIAGRAM 14 AND UPVC BOILER WASTE AND CARBON MONOXIDE DETECTION PROVIDED AND A COMMISSIONING CERTIFICATE TO BE ISSUED UPON COMPLETION.

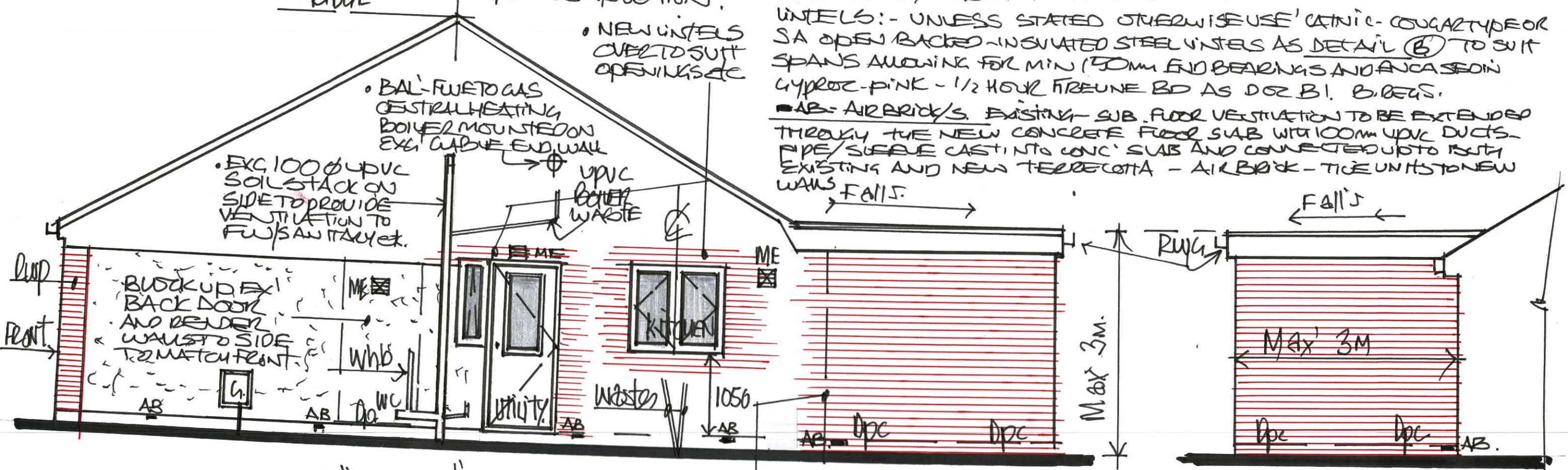
- EXTERNAL WALL CONSTRUCTION

MATCHING 102mm OUTER LEAF CLAY FACE-BRICKS, SOURCED TO MATCH IN 1:3 C:S NATURAL MORTAR AND STRETCHER BOND TOOTHED/BONDED TO EXISTING AS POSSIBLE TO CREATE CONTINUOUS CAVITIES OR (AS NOTE BELOW) WITH 100mm INTERNAL-AERATED, LIGHTWEIGHT 3.5N GELCON SOLAR OR SA CONC' BLOCK. INNER SKIN AND A 100 MIN' WIDE CAVITY SPACE BETWEEN FULLY INSULATED FROM DPC TO WALL PLATE WITH CROWN DRITHERM 32 OR SA FULL FILL CAVITY WALL INSULATION.

- PROVIDE STAINLESS STEEL CAVITY WALL TIES @ 750 c/c H/2. 450 c/c VERT BEDDED 50mm INTO EACH SKIN TO SUIT OUTWARDS AND EXTRA TIES TO DOOR/WINDOW REVEALS @ 225 c/c
- CLOSE CAVITIES TO DOOR/WINDOW REVEALS USING THERMABATE, CAVALOK OR SA INSULATED DPC-CAVITY CLOSERS TO REDUCE AIR LOSS
- AS DOC L JUNE 22 EXTERNAL WALL CONSTRUCTION TO ACHIEVE A MAX' 0.18 'U' VALUE AND ACHIEVED BY INSULATING CAVITIES AS ABOVE AND KNAUF/KINGSPAN OR SA 37.5mm INSULATED DRY LINING PLASTERBOARD PLASTER DOT/DAB ADHESIVE BONDING

LINTELS:- UNLESS STATED OTHERWISE USE' CATNIC-COUGAR TYPE OR SA OPEN BACKED-INSULATED STEEL LINTELS AS DETAIL (B) TO SUIT SPANS ALLOWING FOR MIN 150mm END BEARINGS AND ENCASED IN GYPROC-PINK - 1/2 HOUR FIRELINE BD AS DOC B1. B.REGS.

- AB= AIR BRICK/S. EXISTING - SUB. FLOOR VENTILATION TO BE EXTENDED THROUGH THE NEW CONCRETE FLOOR SLAB WITH 100mm UPVC DUCTS-PIPE/SLEEVE CAST INTO CONC' SLAB AND CONNECTED UP TO BOTH EXISTING AND NEW TERRACOTTA - AIR BRICK - TO BE UNDISTURBED NEW WALLS




1:50 PROPOSED "SIDE" ELEVATIONS FROM N° 37 AND FROM N° 33.

- AS IS POSSIBLE TOOTH AND BOND NEW MASONARY TO EXG. TO CREATE CONTINUOUS CAVITIES OR USE A PROPRIETORY STAINLESS STEEL CROCODILE TIE SYSTEM SCREWED TO EXG. MASONARY & CRANKED TO SUIT COURSING OF NEW MASONARY TO ENSURE A SECURE, ROBUST AND POSITIVE CONNECTION OF NEW MASONARY TO EXISTING ...

DRG N°: 5