

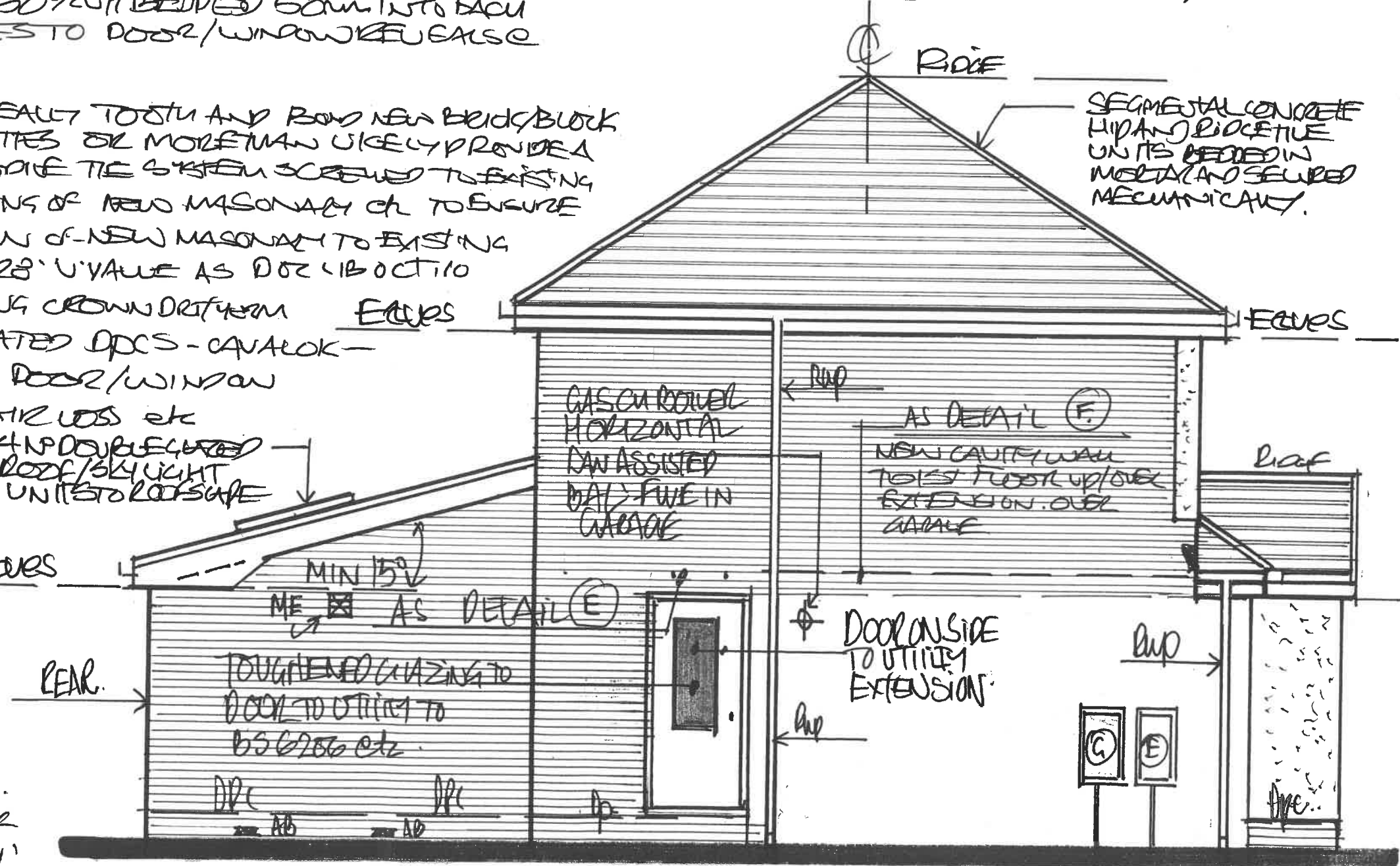
EXTERNAL WALL CONSTRUCTION: 9A 300mm WIDE CAVITY WALL CONSTRUCTION WITH A 102mm RUSTIC OUTER LEAF FACE BRICK IN STRETCH BOND AND 1:3 C-SAND/CEMENT MORTAR TO MATCH EXISTING AND A 100mm 7N DENSE CONCRETE BLOCKWORK OVER SKIN FOR EXTERIOR OF WHITE RENDON TO BE APPLIED WITH A SUITABLE SUGGESTION RATING (TO FRONT ELEVATION / PORCH & 1ST FLOOR EXTN)

- PROVIDE 100mm CELCON SOLAR OR SA ABRATED / LIGHTWEIGHT CONC' BLOCK INNER SKIN FOR GYPSUM BASED WALLBOARD DWT / DAB / 30mm FINISH FOR 2.5 SEMULSION DECOR / GLAZED CERAMIC TILES AS SPECIFIED
- FORM A 100mm WIDE CAVITY BETWEEN INNER / OUTER SKINS PROVIDING STAINLESS STEEL CAVITY WALL TIES @ 750mm VZ, 450mm CUT BEDDED 50mm INTO EACH LEAF TO SLOPE OUTWARDS AND STRAP TIES TO DOOR / WINDOW REVEALS @ 225mm WITHIN 300mm OF OPENINGS

- DEPENDANT ON GROUND CONDITIONS - IDEALLY TIGHT AND BOND NEW BRICK/BLOCK TO EXISTING TO CREATE CONTINUOUS CAVITIES OR MORE THAN USUALLY PROVIDED PROPRIETARY STAINLESS STEEL CORROSION FREE SYSTEM SCREWED TO EXISTING MASONRY AND UNCLUT TO OUT COLUMNS OF NEW MASONRY OR TO ENSURE SECURE / ROBUST / POSITIVE CONNECTION OF NEW MASONRY TO EXISTING
- INSULATE CAVITY TO ACHIEVE A MAX 0.28 U-VALUE AS DOC 1180 CT 110 FULLY FROM DPC TO EAVES / LARGES USING CROWN DRIFTHAM EAVES FULL FILL INSULATION OR SA AND USE INSULATED DPCS - CAVAROK - THERMABATED SA - CAVITY CLOSERS TO DOOR / WINDOW REVEALS TO UNIT / PREVENT POTENTIAL AIR LOSS etc

UNITALS:
UNLESS STATED OTHERWISE, USE CASTAL TYPE OR SA INSULATED OPEN BACKED COUGAR C9901100 STEEL UNITS TO A NEW DOOR AND WINDOW OPENINGS IN EXTERIOR CAVITY WALLS AS DETAILS (B), (C) & (D) E TO SUIT SPANS, ALLOWING FOR 150mm MIN END BEARINGS AND ENCASED / UNED IN PINK - 1/2 HOUR CYPROZ FIRE RATED AS AN ELEMENT OF STRUCTURE AS DOC B1. PROVIDE 10mm BUSHES TO OUTER LEAF FACE BRICKS OVER UNITS @ 900mm MIN 2nd / OPENINGS AS DETAIL (D) & (E) ENSURE CAVITIES ARE FULLY INSULATED ABOVE UNITS etc TO CARVED PLICE END'S AS DETAIL (D) etc TO PREVENT / LIMIT ANY POTENTIAL AIR LOSS etc

EXTRACTION FANS (E) (E) (E) PROVIDE EXTRA MECHANICAL VENTILATION TO CERTAIN AREAS USING EXTRACTION FANS NU-AIRE OR TAPP'S S12 TYPE LOW VOLTAGE UNITS WITH ADJUSTABLE RUN - ON TIMERS TO DUCT / VENT OUT THROUGH EXTERIOR WALL 4/W CAVITY WALL OUT / SLEEVE, MECHANICAL GRILL AND LOUVRES
KITCHEN FAN @ 30 L/SEC, UTILITY @ 30 L/SEC, GFWC @ 60 L/SEC BUT THIS IS TO HAVE A 1/2 HOUR OVER RUN DUE TO BEING WINDOWLESS AND 1ST FLOOR BATHROOMS @ 15 L/SEC etc.



1:50 PROPOSED "SIDE VIEW" FROM N°: 76

3825 (176k)

D R G N°: 9