PITCHED ROOF CONSTRUCTION AS 1:50 ROOF CARCASSING PLAN + DETAILS (A) (B) + (C).

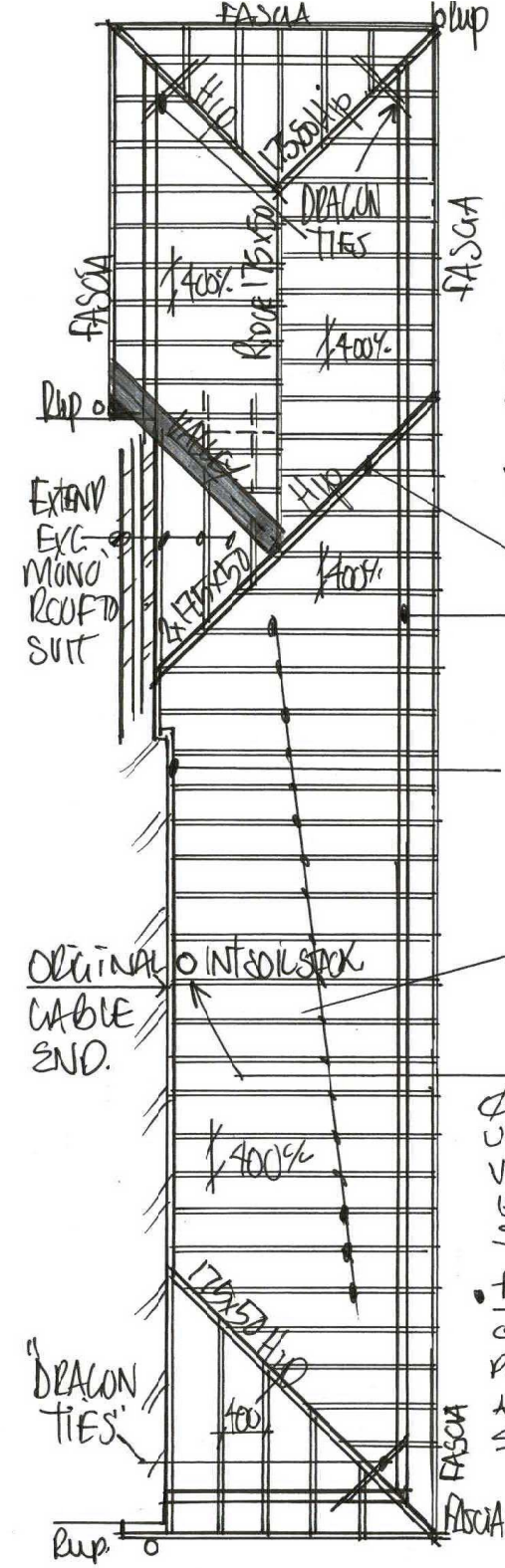
MARLEY MODERN TYPE OR SA SMOOTH INTERLOCKING CONCRETE ROOF TILES TO MATCH THOSE OF EXG REAR EXTENSION TO A SIMILAR - MIN' 18° PITCH - 100mm HEADLAPS ONTO 50x25 TANALISED TREATED SW ROOFING BATTENS HORIZONTALLY GAUGED TO SUIT TILE SIZE/HEADLAPS ONTO TYVEK SUPRO OR SA BREATHABLE ROOFING FELT DRAPED OVER RAFTERS AND FASCIA BD @ EAVES AS DETAILS (B) + (C) TO ALLOW MOISTURE AND DRIVEN RAIN TO RUN DOWN BEHIND TILES AND INTO GUTTERS @ EAVES.

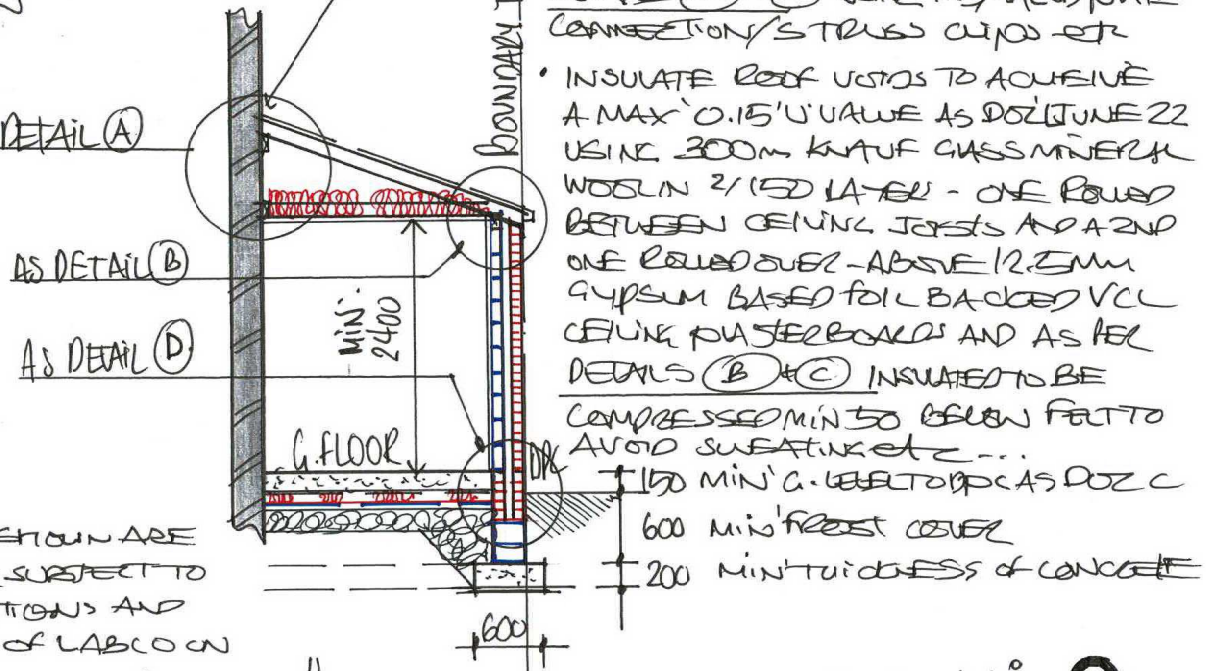
- USE Ex 125x47 SC3/C16 COMMON / JACK-CRIPPLE ROOF SPARS @ 400c/c AS EUROCODE TABLE 5. - TABLE 6.1 FIXED C/W 100x50 TIMBER WALLPLATES @ EAVES AS DETAILS (B) & (C), FIXED TO 12.5x50 POLYPLATES @ ABUTMENT / EXG CAVITY END AS DETAIL (A) AND TO SIDES OF Ex 175x47 SC3/C16 HIP/PURLIN TIMBERS ETC USING MS/GALVD ## PLATE CONNECTIONS / TRUSS PLATES TO ENSURE A SECURE/ROBUST SOFT STITCH CONNECTIONS
- FORM A VALLEY DETAIL WITH 25mm WBP/MARINE PLY VALLEY - VAT BOARDS AND CODE 4 LEAD VALLEY etc
- PROVIDE DIAGONAL DRAGON TIES TO INT' CORNERS fixed @ 45° ACROSS TO WALLPLATES AND STITCHED TO U/S OF Ex 175x47 SC3/C16 HIP TIMBERS TO PREVENT/RESIST THRUST OF HIP RAFTERS etc
- CUT SPARE TO A LINE TO ENSURE UPVC FASCIA FITS FLUSH TO FACE OF BRICK @ GABLES ie NO SOFFIT TO BRACKET FIX GUTTER ONTO TO MINIMISE OVERHANG / ENCROACHMENT ONTO N° 199... etc

- DOUBLE UP HIPS TO 2/175x50 SC3/C16 DUE TO ANGLE AND VALLEY.
- 100x50 SC3/C16 SW TIMBER WALLPLATES ON TOP OF INNER SKIN CONC BLOCKWORK BEDDED ON MORTAR AND STRAPPED DOWN AS DETAIL (B)
- Ex 125x47 SC3/C16 TIMBER SW POLYPLATE @ ABUTMENT AS DETAIL (A) BOLTED TO EXG MASONRY OF CAVITY END @ 600c/c etc
- Ex 125x47 SC3/C16 TREATED SW COMMON - JACK/CRIPPLE ROOF SPARS @ 400c/c
- ARRANGE TO ALLOW 100 Ø UPVC SOIL STACK TO PROJECT UP THRO' ROOF/CEILING VOIDS/ROOF LINING ETC WITH LEAD SLATE HAT/FLASHING TO SEAL etc
- PROVIDE HORIZONTAL AND STEPPED CODE 4 LEAD FLASHINGS @ ABUTMENT OF NEW MONO-ROOF UP TO EXG CAVITY AS DEEMED NECESSARY ON SITE BY LABCO / etc..

- CEILING CONSTRUCTION:-
 Ex 125x47 SC3/C16 SW TIMBER CEILING JOISTS FIXED @ 400c/c TO ABUTMENT RAIL ONTO EXG MASONRY AS DETAIL (A) AND ONTO WALLPLATES @ EAVES AS DETAILS (B) + (C). USING MS/GALVD PLATE CONNECTIONS/STRAPS CLIPS etc
- INSULATE ROOF VOIDS TO ACHIEVE A MAX' 0.15 'U' VALUE AS DOC JUNE 22 USING 300mm KNAUF GLASS MINERAL WOOL IN 2/150 LAYERS - ONE ROLL BETWEEN CEILING JOISTS AND A 2ND ONE ROLL OVER - ABOVE 12.5mm GYPSUM BASED FOIL BACKED VCL CEILING PLASTERBOARDS AND AS PER DETAILS (B) + (C) INSULATED TO BE COMPRESSED MIN 50 BELOW FELT TO AVOID SWEATING etc...

- FOUNDATIONS:- DIMENSIONS SHOWN ARE ONLY MINIMUM ONES AND ARE SUBJECT TO PREVAILING GROUND CONDITIONS AND AS MAY BE TO FULL SATISFACTION OF LABCO ON SITE REGARDLESS... etc





1:50 "SECTION" THRO EXT'N

DRG N°: 8