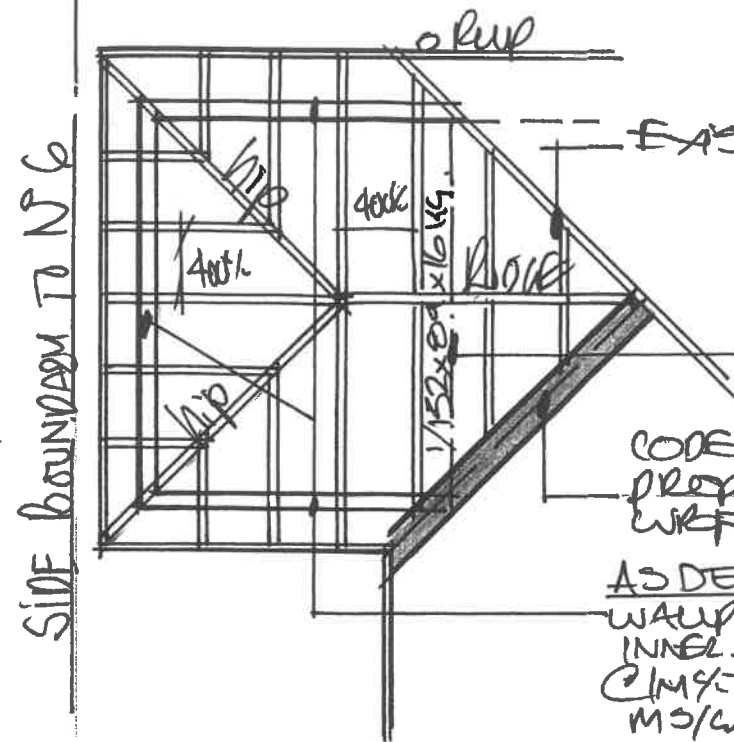


ROOF CARCASSING PLAN

- EX 150x50 S3/46 SW TIMBER ROOFHIPS @ 45° TO DIAGONAL SW DRAGON TIES TO INTERNAL WALLS
- EX 150x50 S3/46 RICE TIMBER FROM NEWHIPS BACK INTO SIDE OF ORIGINAL ROOFHIP MEMBERS



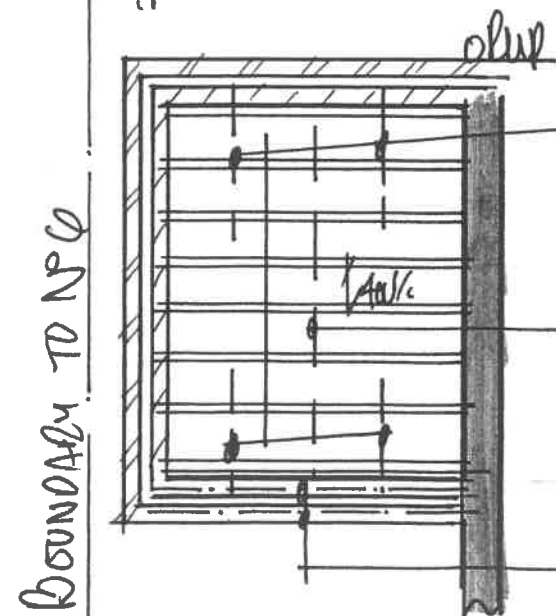
EXISTING ROOF HIP MEMBER

- REMOVE WALL ON S/E / W/E END TO OPEN UP FULL INTO PROPOSED EXTENSION. INC TO THRESHOLD / FLOOR AND REVEALS AND INSERT 1x152x89x16kg RST OFF TO V/S ORIGINAL WAUPATES ONTO MIN END BEDSNT / PC SPARTONES

CODE 416 USE VALUET UNELTRAY OR A PROPRIETARY VALUET TRAY ONTO 15mm WRPPAT - VALUET - W/ BOARDS OR AS DETAILS (A) & (B) 150x50 SW TIMBER WAUPATES BEDDED ONTO MASONRY TOP OF INNER SKIN / OVER UNFELS AND STRAPPED DOWN @ 1m TO CONC BUCK INNER SKIN USING 30x3 MS / GALV ROOF RESTRAINT STRAPS

SUP 1ST FLOOR CONSTRUCTION

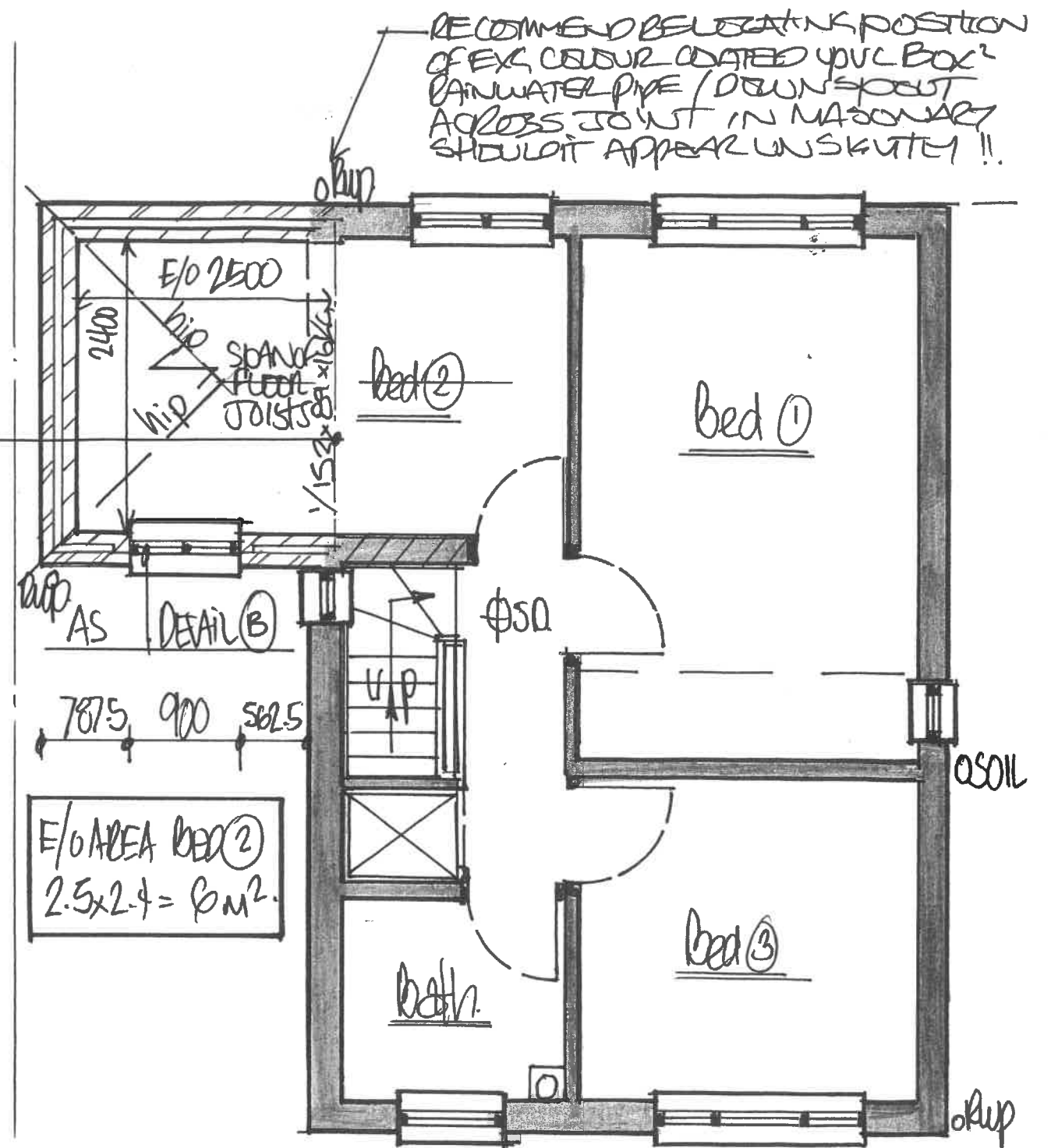
20mm MOISTURE RESISTANT FLOOR BECKING FIXED TO SAME FINISHED FLOOR BELS AS EX 1ST FLOOR ONTO MIN EX 150x50 S3/46 SW TIMBER FLOOR JOISTS FIXED @ 400% SPANNING S/E TO S/E, JOIST ENDS / CUTS TREATED / WRAPPED - BUILT INTO EXS WALL SKIN AND AS DETAIL (F) INTO MS / GALV FLOOR JOIST WALLS ON EXTERNAL INNER SKIN (MIN 100mm END BECKINGS) TO PREVENT AIR LOSS AS DETAILS (D), (F) PROVIDE 100mm 10kg/m³ GUT WOOD SAND WOOD INSULATION BETWEEN FLOOR JOISTS AS DONE ABOVE 125mm FOIL BACKED GYPSUM BASED CEILING BOARD / SKIM / 2 COATS EMULSION DECOR.



- 30x3MS / GALV FLOOR JOIST RESTRAINT STRAPS @ 800% BUILT INTO MASONRY @ 90° TO JOIST SPAN AND FIXED TO TOPS OF 1ST x 3N 150x50 FLOOR JOISTS
- SINGLE ROW OF HORIZONTAL - SOLID FLOOR JOIST STRUTTING @ MID SPAN & NEARINS OF 3A

AS DETAIL (E) PROVIDE 2/152x89x16kg RSTs BOTTEN TOGETHER @ 600% USING M16 & BOLTS, CHANNEL SPACERS ON TOP PC SPARTONES TO BUILD UP / SUPPORT FRONT WALL TO 1ST FLOOR BED / ROOF CONSTRUCTION etc...

FLOOR CONSTRUCTION



1:50 PROPOSED 1ST FLOOR PLAN

- EARLY WARNING SYSTEM $\phi 50$ / $\# 40$
AS BEST PRACTICE PROVIDE A SERIES OF CEILING MOUNTED, AUTOMATED / INTERLINKED SMOKE / HEAT DETECTOR (SD $\phi 100$) ALARMS FOR EARLY WARNING OF HEAT / SMOKE TO BE SEPARATELY FUSED AND HIRED WIRED TO MAINS ELECTRIC AND A BATTERY BACK UP PACK TO BS 5839 PT1 - SD ϕ TO LIVING, CTG / HALLWAY @ BOTTOM OF STAIR AND $\# 40$ IN KITCHEN AREA ADJACENT TO COOKER / HOB etc