FLAT ROOF CONSTRUCTION:-

SPECIALIST "GRP - FIRESTONE" TYPE OR SIMILAR APPROVED WATERPROOF FLAT ROOF SYSTEM INSTALLED TO MANUFACTURERS RECOMMENDATIONS BONDED/APPLIED ONTO 20MM MARINE/WBP PLY - OSB BOARDS SCREWED ONTO EX 100x50 SW FIRRING STRIPS TO ACHIEVE A MIN' 1:60 CROSS FALL - PLANTED ONTOP OF EX 150x50 SC3/C16 SW TIMBER FLAT ROOF JOISTS AT 400% AS EURO-CODE TABLE 7.3 FIXED TO WALLPLATES TO EXTERNAL WALL AS DETAIL (F) AND WALLPLATE ONTOP OF 100MM 7N DENSE CONC' BLOCK LOAD BEARING INTERNAL WALL BETWEEN SHOP EXTENSION/STORE AS DETAIL (C) AND @ MID SPAN SUPPORTED/ SUPPORTED OFF STEEL UB/RSJ AS DETAIL (D)

- FLOOR SLAB:- MIN' 100THK GROUND BEARING CONCRETE SLAB TO SUIT GROUND CONDITIONS - REINFORCE AS NECESSARY (<LATER A252 MESH). 50MM TOP COVER ONTO 1200g VISQUEEN DAMP PROOF MEMBRANE ONTO 50 SAND BLIND ONTO MIN 150THK CLEAN STONE - HARD CORE FLOOR SLAB FORMATION LEVEL AND COMPACTED TO REDUCED LEVELS.

- FOUNDATION/S:- SUBJECT TO PREVAILING SITE & GROUND CONDITIONS AS ARE FOUND ON SITE. TYPICALLY EXC' A 600 WIDE TRENCH APPROX 800-900 DEEP TO LOCATE SUITABLE CLAY/FIRM BEARING SUB-STRATA AND ONCE INSPECTED/APPROVED ON SITE BY B.C.O. CAST A TRADITIONAL 600x200THK CONC' STRIP FOUNDATION ETC. TO ADEQUATE DEPTH SUFFICIENT TO OVERCOME POTENTIAL SOIL MOVEMENT

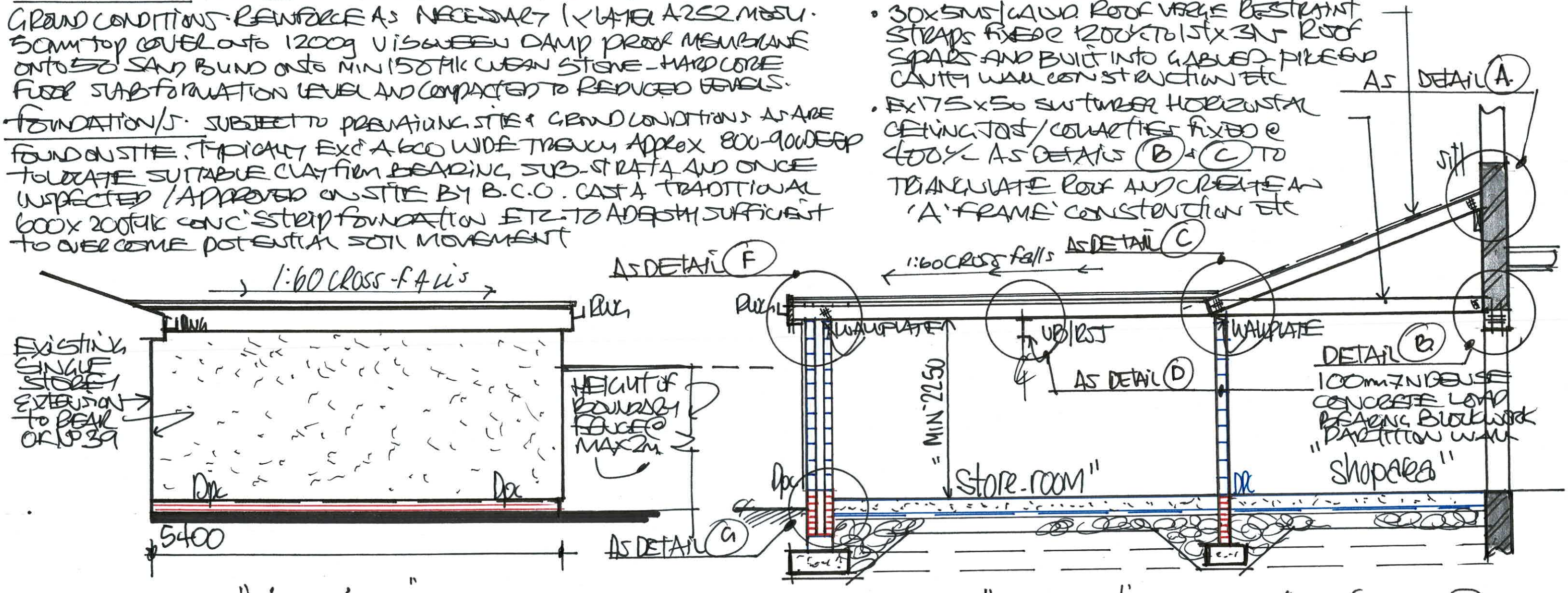
MONO-PITCHED LEAN TO ROOF:-

CONC' INTERLOCKING ROOF TILES - SELECTED TO MATCH THOSE EXISTING TO EXTENSION @ REAR OF NO 39 ONTO 50x25 TANALISED BATTENS NAILED TO SUITABLE HEADLAPS/SIDE HORIZONTALLY ONTO 'TYVEK-SUPRO' OR SIMILAR BREATHABLE ROOFING FELT DRAPED OVER ROOF SPARS TO ENABLE FOR MOISTURE/DRIVEN RAIN TO RUN DOWN BEHIND TILES.

- USE Ex 175x50 COMMON SW TIMBER ROOF SPARS FIXED CLOSE TO POLEPLATE @ ABUTMENT AS DETAIL (A) AND ONTO WALLPLATE ONTOP OF INTERNAL LOAD BEARING PARTITION AS DETAIL (C)

- 30x5MM GALV. ROOF VERGE RESTRAINT STRAPS FIXED @ 1200CTS TO 175x38 ROOF SPARS AND BUILT INTO GABLED-PIKE-END CAVITY WALL CONSTRUCTION ETC

- Ex 175x50 SW TIMBER HORIZONTAL CEILING JOIST/COLLARTIES FIXED @ 400% AS DETAILS (B) & (C) TO TRIANGULATE ROOF AND CREATE AN 'A' FRAME' CONSTENTION ETC




1:50 PROPOSED "SIDE VIEW" FROM NO. 39

1:50 CROSS-"SECTION" THRO SIDE (FROM NO 35)

DRG No: 8