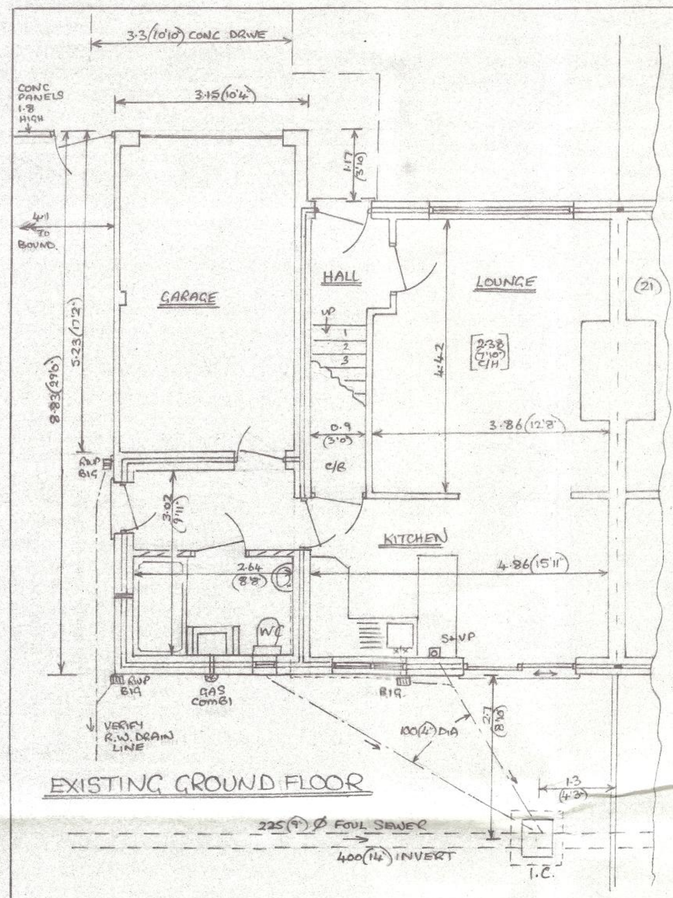
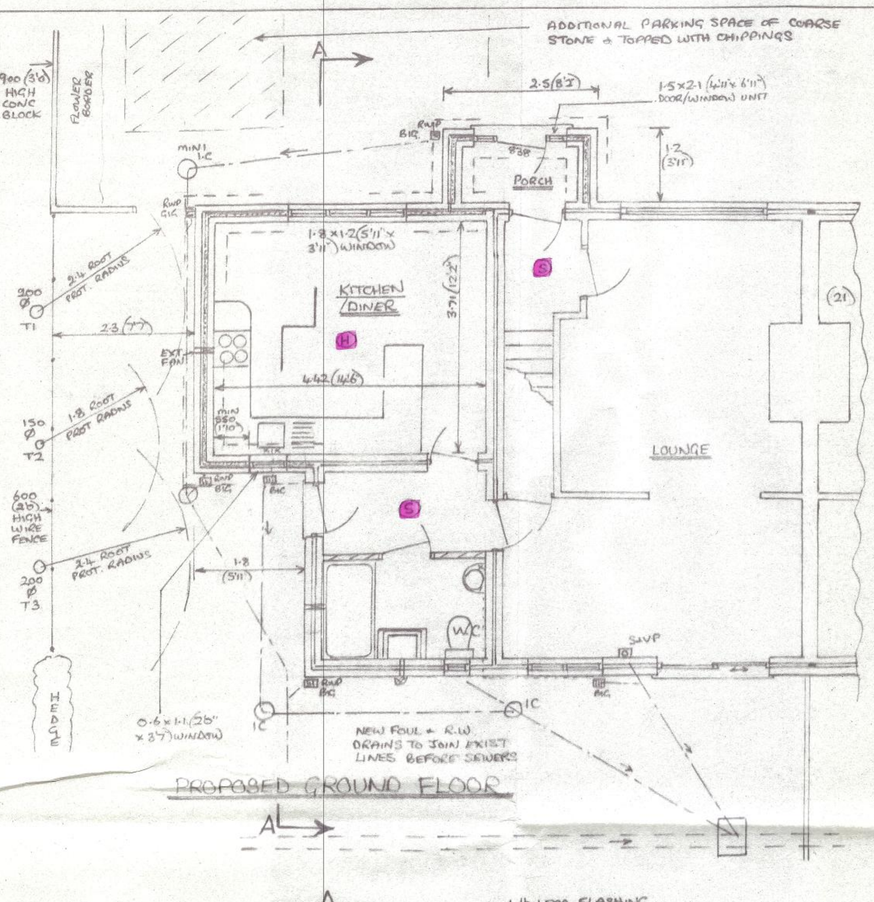


EXISTING GROUND FLOOR



PROPOSED GROUND FLOOR

220x47 (8⅝x1⅞) FLOOR JOISTS AT 400(16) CRS. STRUTTED MID SPAN + INTO JOIST HANGERS ON 220x47 (8⅝x1⅞) WALLPLATE SECURED TO EXIST WALL BY M16 RAWL-BOLTS AT MAX 600(2'0) CRS. 22(⅞) T+G FLOOR GRADE CHIPBOARD OVER (15 Kg/m²) 12.5(½) PLASTERBOARD + SKIM UNDER (10 Kg/m²). 100(4") MINERAL FIBRE QUILT SOUND PROOFING BETWEEN

BAT STRAP RESTRAINTS OF 5/8 AT MAX 2.0(6'6") CRS TO 1ST FLOOR, UPPER CEILING + GABLE

10(⅜) AIRGAP CONTINUOUS ALONG ALL EAVES, FIT FLYSCREENS AT SOFFITS

100x50(4"x2") WALLPLATES, SECURED TO WALLS BY 5/8 BATSTRAPS AT MAX 2.0(6'6") CRS

115(4½) GUTTERING, FACIA BOARDS CONTINUOUS WITH EXIST WHERE APPROPRIATE. 65(2½) DOWNPIPES ALL IN U.P.V.C. TO DISCHARGE INTO BACK INLET GULLIES

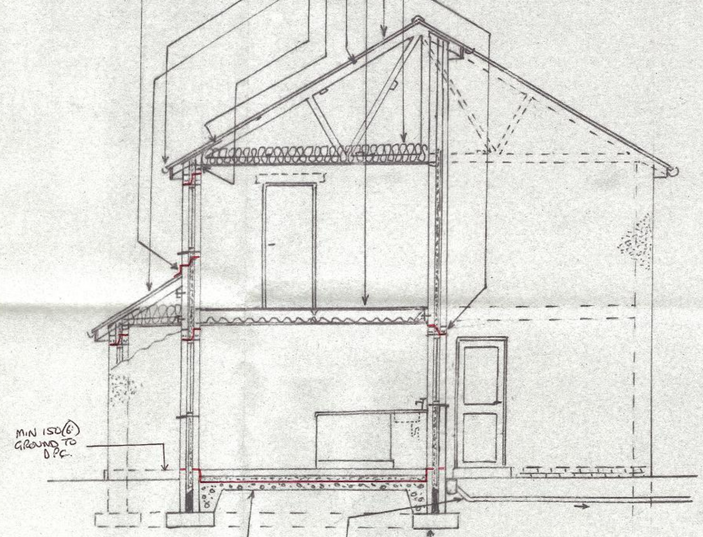
4 lb LEAD FLASHING + D.P. TRAY TO CAVITIES

REMOVE EXISTING ROOF FROM EARLIER EXTENSION. NEW HYDRONAIL TRUSSES TO WHOLE, AT 450/600 (1'6/2'0) CRS. DIAGONALLY + LATERALLY BRACED TO BS 5268, PART 3 (1988) + VERTICALLY STRAPPED TO WALLS. BREATHABLE FELT, 40x25 (1½"x1") BATTENS + CEMENT TILES TO MATCH EXISTING. 30° PITCH.

500 GAUGE VISQUEEN VAPOUR BARRIER + 12.5 (½) PLASTERBOARD + SKIM CEILING. 100(4") MINERAL FIBRE QUILT INSULATION BETWEEN JOISTS + MIN 150(6") OVERALL. U VALUE 0.16

150(6") DEEP R.C. LINTELS TO ALL OPENINGS UP TO 1.83 (6'0"). VERTICAL + LINTEL DPC TO EXTERNAL OPENINGS. MIN ½ HOUR FIRE RESISTING CAVITY CLOSERS

PORCH ROOF OF 75x50 (3"x2") RAFTERS AT 400 (16) CRS ONTO 100x50 (4"x2") WALLPLATE SECURED TO WALL BY M12 RAWLBOLTS AT 600 (2'0") CRS. 75x50 (3"x2") CEILING JOISTS AT 400 (16") CRS IN JOIST HANGERS ONTO 75x50 (3"x2") WALLPLATE SECURED TO WALL BY M12 RAWLBOLTS AT 600 (2'0") CRS, COVERING CEILING + INSULATION AS MAIN AREAS

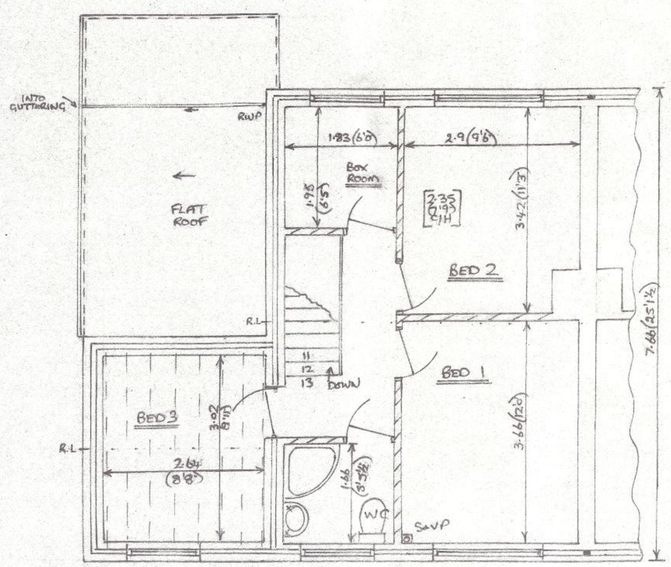


150(6") HARDCORE, SCREENED WITH SAND, 1200 GAUGE VISQUEEN DPM, 100(4") "KINGSPAN K3". 500 GAUGE VAPOUR BARRIER 100(4") CONC + APPLICANTS CHOICE OF FINISH. U VALUE 0.22

675x225 (2'3"x9") CONC STRIP FOUNDATIONS MIN 600 (2'0") DEEP + TO STEP ONTO EXIST FOUNDS AT JUNCTIONS, CAVITY WALLS OF 2 LEAF 100(4") CONC BLOCK, TIED INTO EXIST WITH CROCODILE 5/8 PLATES + SCREWS. 115 (4½) CAVITY, FILLED SOLID WITH CONC UP TO 225(9") BELOW D.P.C., SEALED OFF AT EAVES + BE CONTINUOUS WITH EXISTING CAVITIES. 3/8 WALLTIES (STAIFIX RT2 OR SIMILAR) AT 750 (2'6") CRS HORIZONTALLY, 450 (1'6") CRS VERTICALLY + WITHIN 150(6") EVERY BLOCK COURSE OF OPENINGS. TO (2¾") "KINGSPAN K8" TO INNER LEAF IN CAVITY TO LEAVE 45 (1¾") AIRGAP. 20(¾") RENDER + SPAR EXTERNAL. 12.5(½") PLASTERBOARD ON PLASTER DABS + SKIM INTERNAL. ALL JOINTS + EDGES TAPE SEALED, + ALL ELECTRIC BACKBOXES, CONDUITS ETC TO BE SEALED WITH MASTIC/FOAM TO MAINTAIN AIRTIGHTNESS. U VALUE 0.26

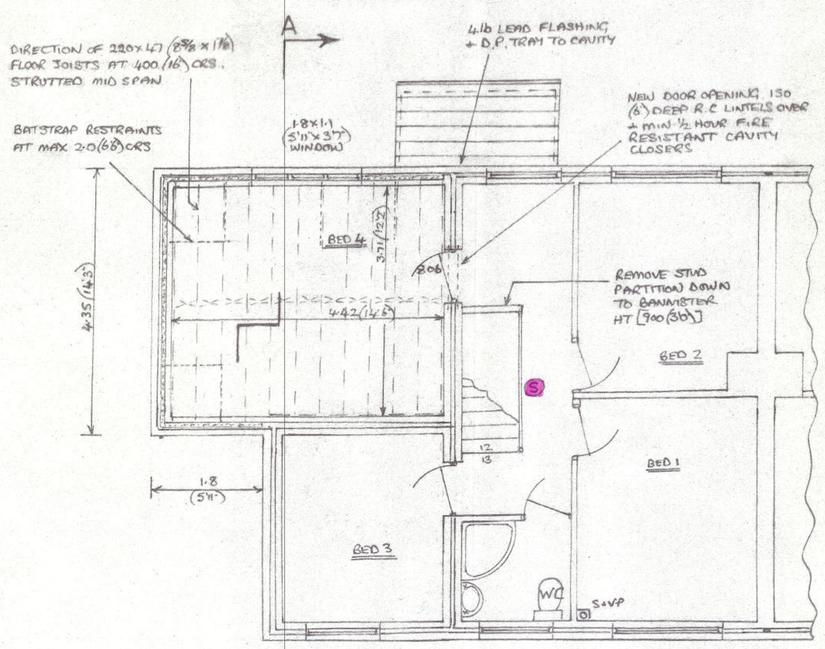
ALL NEW DRAINS OF 100(4") DIA. U.P.V.C. SURROUNDED BY 150(6") CONC WHERE LESS THAN 450(18") DEEP, BRIDGED BY R.C. LINTELS THROUGH WALLS + SURROUNDED BY 150(6") PEA GRAVEL UNDER FLOOR. TO JOIN EXIST LINE VIA U.P.V.C. I.C. BEFORE JOINING MAIN SEWERS. RAINWATER DRAIN LINE NOT YET ESTABLISHED BUT ALSO NEW TO JOIN EXIST LINE PRIOR TO JOINING R.W SEWER IF SEPERATE SEWER EXISTS.

SECTION AA



EXISTING FIRST FLOOR

SCALE 1:50



PROPOSED FIRST FLOOR

TREE SURVEY / DETAILS

	SPECIES	TRUNK DIA	ROOT PROTECTION RADIUS	HIEGHT ETC
T1	SILVER BIRCH	200 mm	2.4 m	ALL PRUNED + MAINTAINED AT 3.3 m HIGH, BY OWNERS OF Nº 25
T2	"	150 mm	1.8 m	
T3	"	200 mm	2.4 m	

PROPOSED EXTENSION AT 23 BOWNESS ROAD, MILLOM, CUMBRIA, FOR MRS M.R. BURNS.

SHEET 1 20-4-22 1751