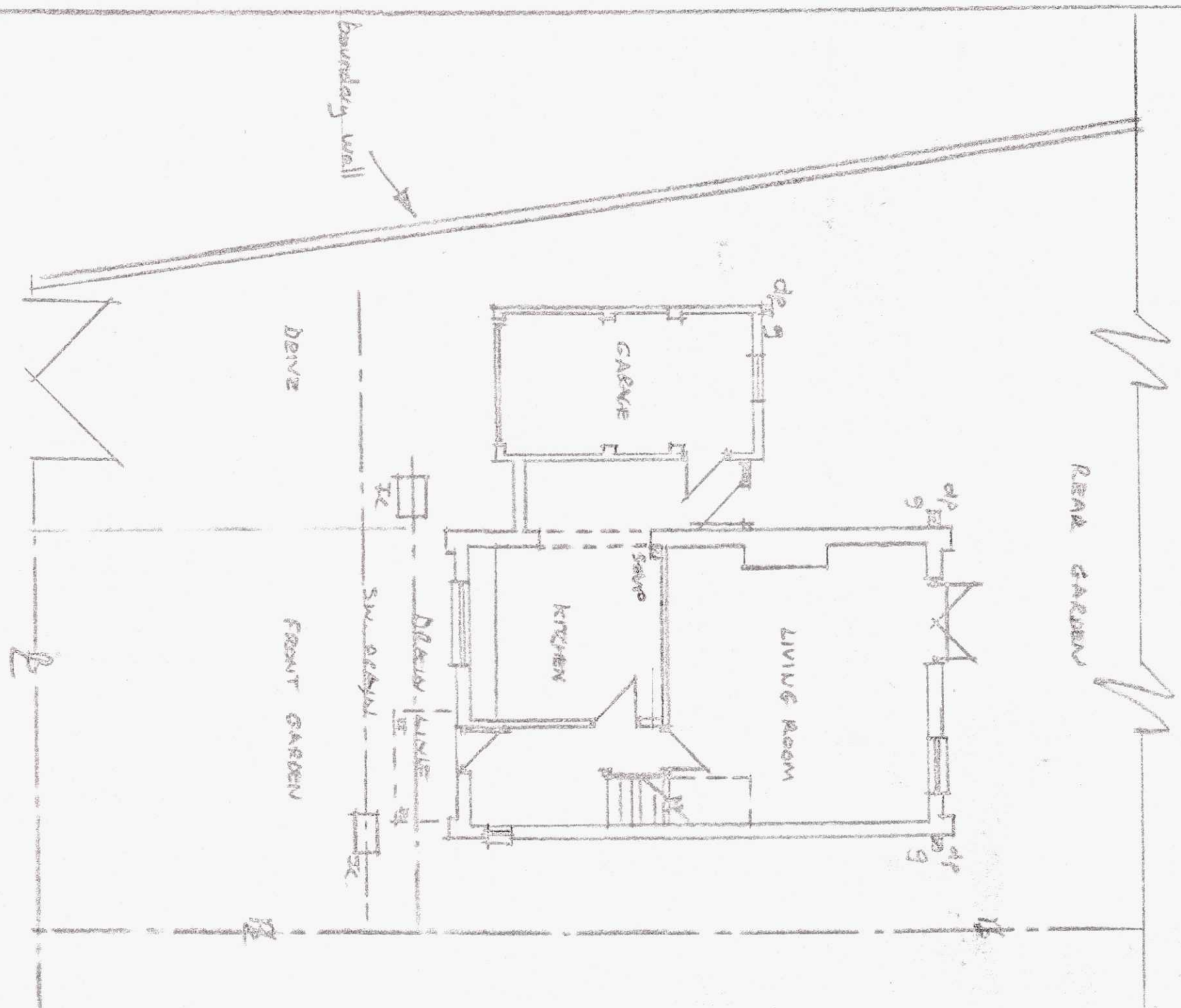
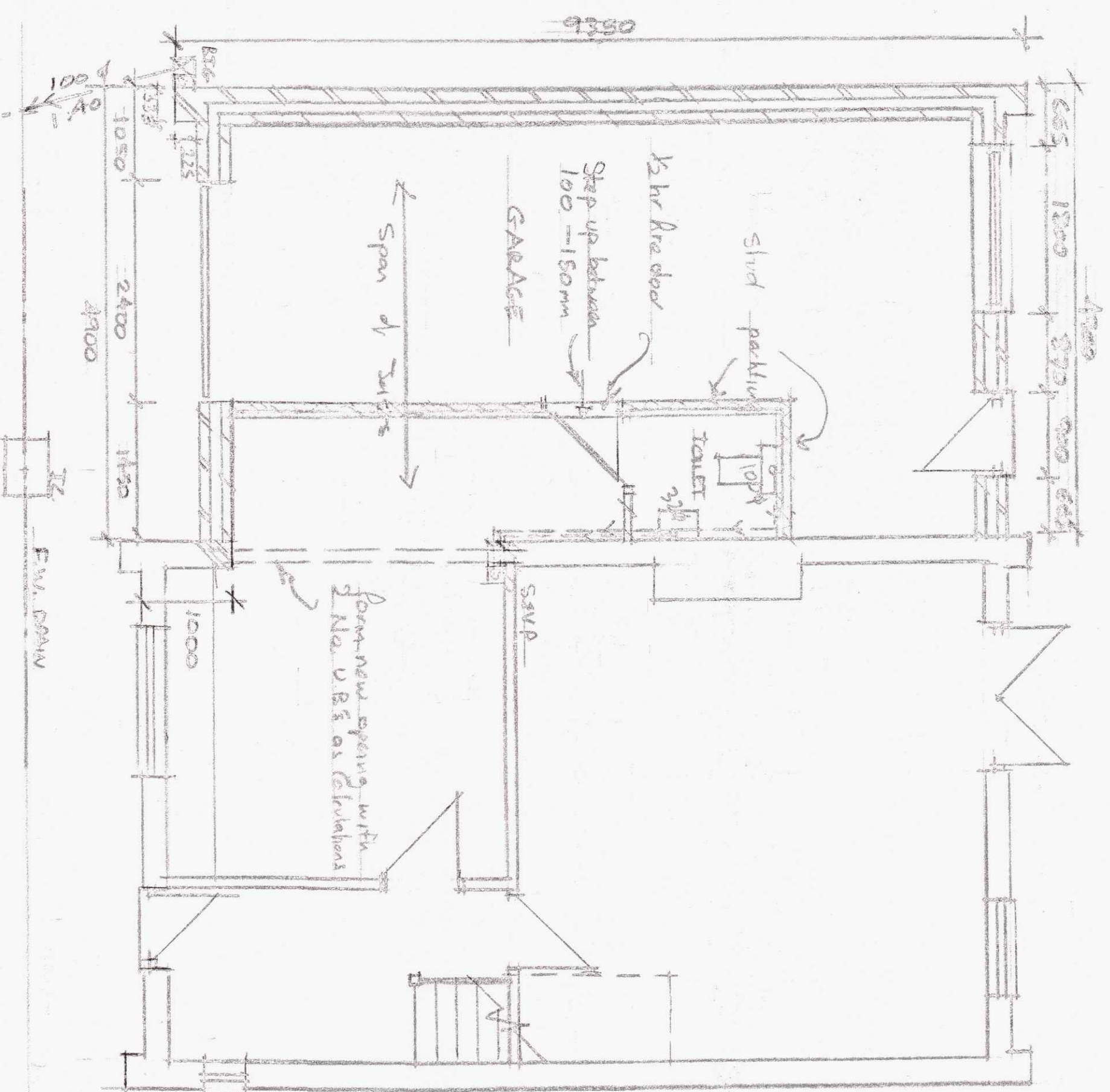
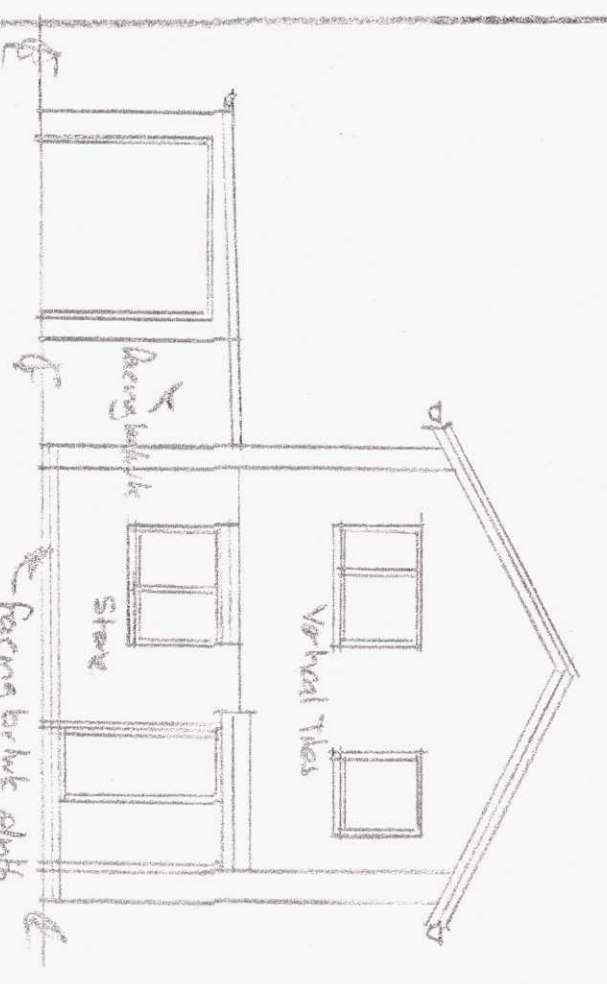




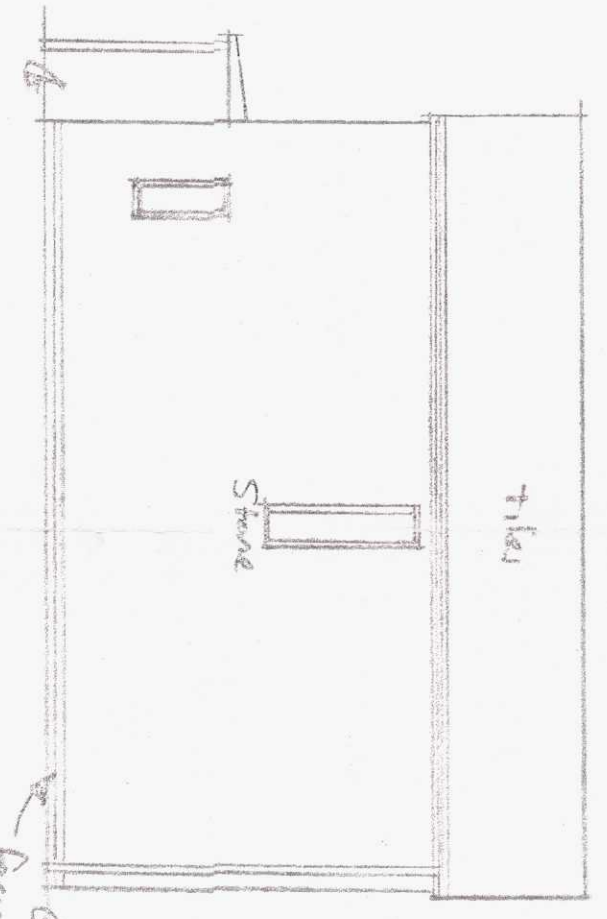
EXISTING GROUND FLOOR



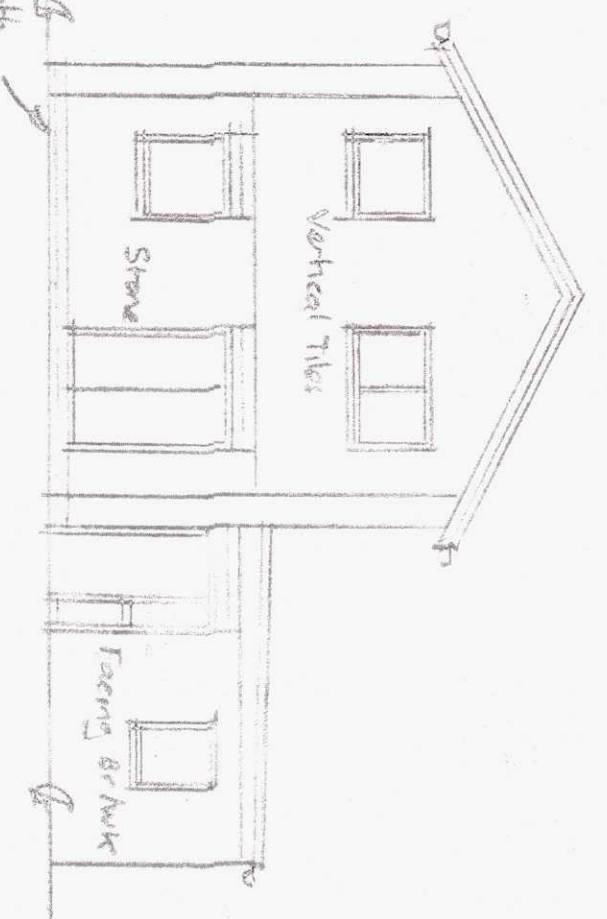
PROPOSED GROUND FLOOR 1:50



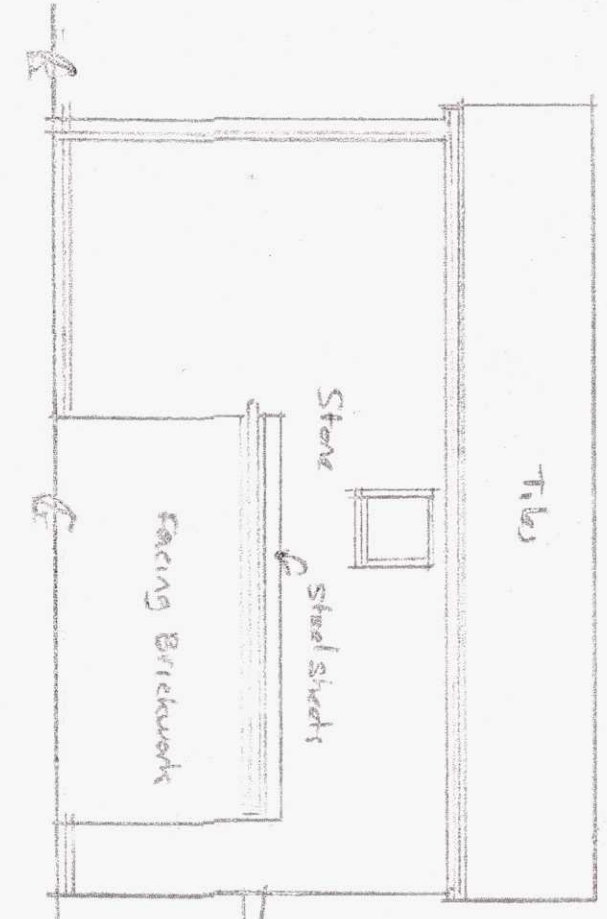
EXISTING FRONT ELEVATION



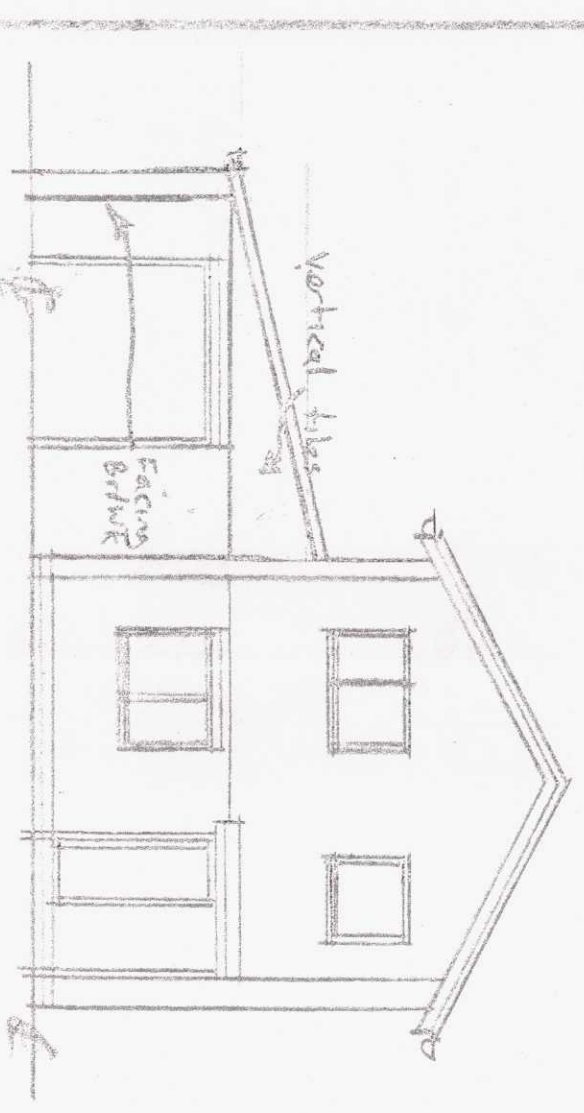
EXISTING / PROPOSED SIDE ELEVATION



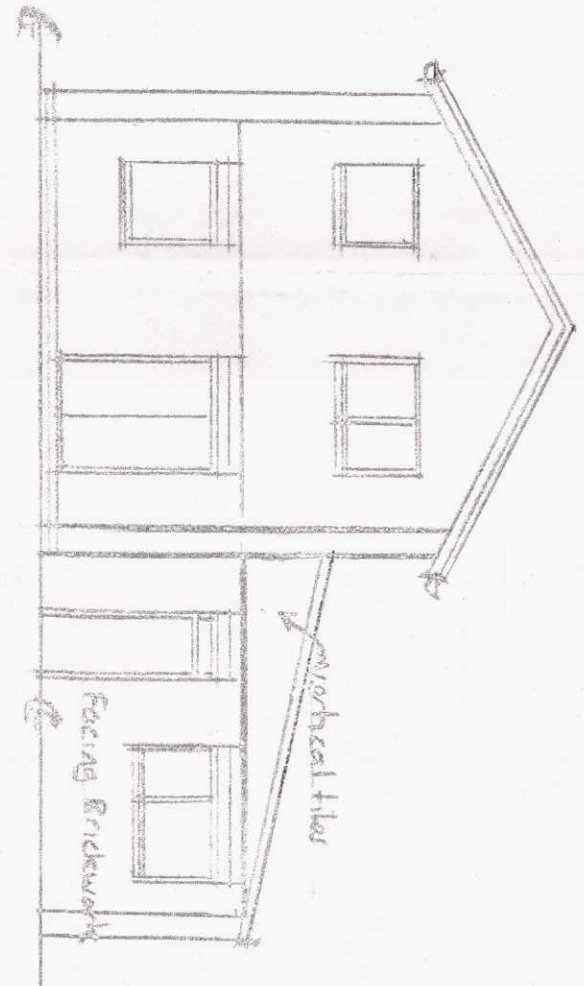
EXISTING REAR ELEVATION



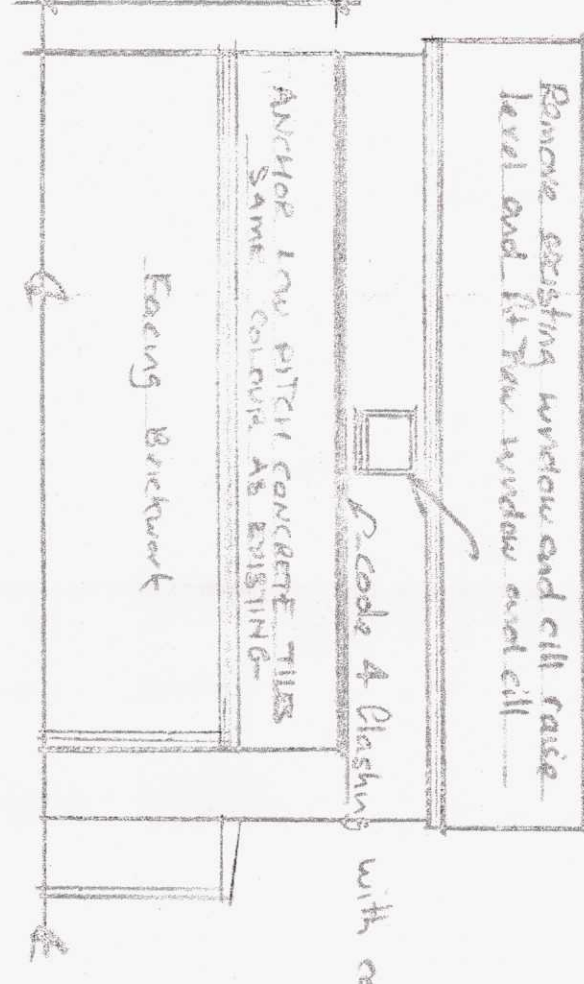
EXISTING SIDE ELEVATION



PROPOSED FRONT ELEVATION



PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION

Additional Notes

1. Fire door to be fitted with smoke seals and self closing device
2. Thickness of roof insulation to 'Main House' to be brought up to minimum 300mm thick
3. The new shed partition between garage and kitchen still to be 75 x 50 stu studs, framed on garage side with 125mm pilled + 240 skin
4. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
5. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
6. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
7. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
8. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
9. Provide 100 x 100 x 1500mm timber post between studs, internal to kitchen
10. Construct new inspection chamber over existing SW drain line with 150mm thick concrete base, 225 thick semi-encasing brickwork walls with medium duty concrete and frame. Connect new BIC to I.C. with 100 x 450mm and 100 x 150mm laid to fall min 1:40 to connect on a silt to silt basis and fitted to flow of sewer with concrete backing
11. Provide and install new smoke alarms to ground and 1st floors to be connected to mains with battery back-up. Provide hard detector for kitchen
12. Form new partitions with 75 x 50mm stu steel @ 600mm faced both sides with 125mm pilled and 240 skin finish. Provide 50mm thick insulating quilt between studs
13. Provide 60 liter/sec mechanical vent to kitchen
14. Provide new WC and WHB and connect to existing sewer with PVC waste to chambers shown with rodding eyes at all bands.
15. Provide 15 liter/sec mechanical vent to Toilet to be connected to light switch with 15 minute run-on period
16. Provide safety glazing to all critical locations
17. Form new opening to kitchen as shown with RST above All as Calculations (To be provided)

SPECIFICATION

1. Take down and remove existing Garage to side including floor slab and foundation
2. Excavate trenches and provide and lay grade 25 concrete strip foundation to levels and signs shown
3. External walls to be 350 thick cavity formed with facing brickwork outer skin to match existing 100mm thick dense concrete blockwork inner skin with 150mm wide formed cavity with 55 wall tie @ 750mm horizontally, 450 vertically and 225 x 225 x 1000mm Provide 100mm thick Celotex wall insulation to inner skin, to be held in place by retaining clips on wall ties. Build in horizontal d.p.c.s, min 150mm above ground level, tie into existing cavity walls using 55 first fix rings. Use cut out line from old roof level either end between 2 No skins of new cavity, through external skin of existing cavity and insert d.p.c.s. Close cavity at top with slate
4. Form new openings with fabric open back lintels above and close cavity @ reveals with insulated cavity closers. Build in horizontal and vertical d.p.c.s
5. Provide and install new double glazed uPVC window and doors to have 'u' value of 1.6 w/mk. Window to have min vent area = 1/20 floor area with 2500mm² brick vent fitted to head for background ventilation
6. Excavate within walls to reduced levels and form ground floor with 150 thick grade 20 concrete slab, to be trowelled smooth on 100mm thick Celotex floor insulation on 1200g DPM turned up around perimeter to d.p.c.s on sand bladed hardcore 150mm thick to be well rolled and consolidated
7. Form new roof with Tite Effect Plastic coated steel sheets with anti-condensation layer to us on 50 x 25mm treated battens @ 600mm on breathable felt on SW batten on new Posi-Tenets to be designed, manufactured and supplied by specialist company to be built into existing walls, at one side and fixed to 100 x 75 SW wallplate at other in turn strapped to new skin @ 750 c/c. Provide 300 thick rockwool to roofspace and form ceilings with 125mm plaster board and 240 skin finish
8. Provide code 4 lead flashing with cavity trays behind at junctions to gable walls
9. Provide 110mm h/p PVC gutters and GA downpipes to new BIC.
10. Construct new inspection chamber over existing SW drain line with 150mm thick concrete base, 225 thick semi-encasing brickwork walls with medium duty concrete and frame. Connect new BIC to I.C. with 100 x 450mm and 100 x 150mm laid to fall min 1:40 to connect on a silt to silt basis and fitted to flow of sewer with concrete backing
11. Provide and install new smoke alarms to ground and 1st floors to be connected to mains with battery back-up. Provide hard detector for kitchen
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16. Provide safety glazing to all critical locations
17. Form new opening to kitchen as shown with RST above All as Calculations (To be provided)

PLA050 (50 x 12.5m) (62.5m) with 240 skin finish

PROPOSED SINGLE STOREY			
LEAD-TO EXTENSION TO SIDE			
NEEDS			
13	HARLEIGH DRIVE, CASTLE PARK, MERTON TOWN		
14	14.2	14.2	14.2
15	15.2	15.2	15.2
16	16.2	16.2	16.2
17	17.2	17.2	17.2
18	18.2	18.2	18.2
19	19.2	19.2	19.2
20	20.2	20.2	20.2
21	21.2	21.2	21.2
22	22.2	22.2	22.2
23	23.2	23.2	23.2
24	24.2	24.2	24.2
25	25.2	25.2	25.2
26	26.2	26.2	26.2
27	27.2	27.2	27.2
28	28.2	28.2	28.2
29	29.2	29.2	29.2
30	30.2	30.2	30.2