

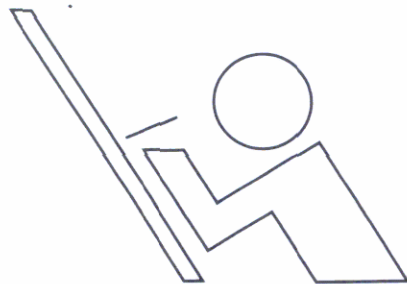
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NEW OUTER WALL CONSTRUCTION:- 19mm DRY DASH ROUGHCAST FINISH TO MATCH EXISTING ON 100mm THICK DENSE CONC. BLOCK 7N. 2000 Kg/m³ DENSITY BY LAIRD BROS. BLOCK TIED TO EXISTING WITH CAPNIC SPRINGHOLD WALL CONNECTORS. 50mm CAVITY WITH SS. WALL TIES @ 450mm CTRS VERTICALLY & 600mm CTRS HORIZ. PERPEND VENTS @ 1200mm CTRS HIGH & LOW LEVEL PER STOREY. ROCKWOOL OR EQUAL SHORT FIRE RESISTANCE CAVITY CLOSURE PIECES @ DOOR / WINDOW JAMBS, CORNERS, & HORIZ. @ WALL HEAD. DUPONT TYVEK REFLEX BREATHER MEMBRANE ON 9mm THICK OSB SHEATHING. 140x47mm STUDS @ 600mm CTRS WITH DOUBLE RUNNER TOP & BOTTOM. 1st STUD AGAINST EXIST. WALL:- BOLTED TO EXISTING WITH HILTI HLC 12x100/62 ANCHORS MIN. DEPTH OF EMBEDMENT 72mm @ 450mm CTRS. 140mm KINGSPAN KOOFTHERM BETWEEN STUDS. 9mm OSB. 50x25mm VERTICAL STRAPS @ 600mm CTRS. 12.5mm DUPLEX. (FOR-BACKED) PLASTERBOARD FINISH WITH TAPED & FILLED JOINTS. (SERVICES IN STRAP VOID) SILICONE SEAL WALL / FLOOR & WALL / CEILING JUNCTIONS.

EXISTING OUTSIDE WALL, NEW INSIDE EXTENSION:- 70x33mm CLS FRAMING @ 400mm CTRS SPACED, 30mm, & BRACED OFF EXIST. FINISHED WITH 12.5mm DUPLEX PL'BD. 80mm MINERAL WOOL BETWEEN STUDS TO PREVENT COLD BRIDGE.

ELECTRICS:- ALL ELECTRICS TO CURRENT IEE REGULATIONS. INSTALLED IN ACCORDANCE WITH BS 7671:2008 WITH CERTIFICATION WHICH MEETS BS 7071:2000. ELECTRICIAN TO BE A MEMBER OF SELECT OR NICEIC.

ELECTRIC CONTROLS / OUTLETS TO BE A MIN. 350mm AWAY FROM INTERNAL CORNERS / PROJECTING OBSTRUCTIONS. LIGHT SWITCHES:- 900-1100mm AFL. SOCKETS:- 400mm AFL. 75% OF NEW LIGHT FITTINGS / LAMPS TO BE LOW ENERGY TYPE. DOWNLIGHTERS WITH VENTED ROOF VOID OVER:- INSULATION TO BE CONTINUOUS OVER DOWNLIGHTER ON HOOD. OUTSIDE LIGHT TO BE ON SENSOR.

SMOKE DETECTOR SYSTEM (HEAT DETECTOR IN KITCHEN) MAINS FED, HARD WIRED, ON INDEPENDENT CIRCUIT WITH BATTERY / STANDBY SUPPLY ALL TO BS 5835 PT6 2019 & BS 5446. UNITS CEILING MOUNTED MAX. 3m FROM KIT / APT. DOOR. MIN. 300mm BETWEEN WALL / UNIT / LIGHT FITTING. ALL UNITS INTERCONNECTED. SD IN HALL & LOUNGE HD IN KITCHEN.

WINDOWS / PATIO DOORS:- UPVC FRAMED, DESIGNED TO RESIST FORCED ENTRY (SECURE BY DESIGN) ALL TO COMPLY WITH REG. 4.13. ALSO BS 6262, BS 6399 PT1 BSEN 1991. 1-1 & ASSOCIATED PD. 6688-1-1. DOUBLE GLAZED UNITS WITH OUTER PANE OF BS KITE MARKED LAMINATE GLASS. ARGON GAS FILLED CAVITY. BS KITE MARKED TOUGHENED / LOWE GLASS. U' VALUE :- 1.1 W/M²K. COMPRESSION SEALED GASKETS. TRICKLE VENTS IN HEAD TO GIVE A TOTAL OF 12,000 SQ. MM. 150mm WIDE DPC & SHORT RESISTANT FIRE CAVITY CLOSURE PIECES @ JAMBS. DPC TO BACK, ENDS & U/S OF CONC. CILL / TOP STEP. 3/190x47mm RUNNERS WITH 2/140x47mm RUNNERS AS HEAD BINDER RESTING ON CRIPPLE STUDS BOTH ENDS. ROBESLEE TYPE 'C' OUTER LINTEL @ GABLE WITH MIN. 150mm END BEARING.

HEATING:- EXTEND EXIST. SYSTEM, GAS FIRED BOILER SERVING RADIATORS THROUGHOUT. NEW THERMOSTATICALLY CONTROLLED HEATING (RADIATOR). INSTALLATION & COMMISSIONING BY GAS SAFE REGISTERED INSTALLER. PIPES INSULATED WITH PU-FOAM COVERINGS SECURED TO MANUFACTURERS SPEC. ALL TO BS 1566.