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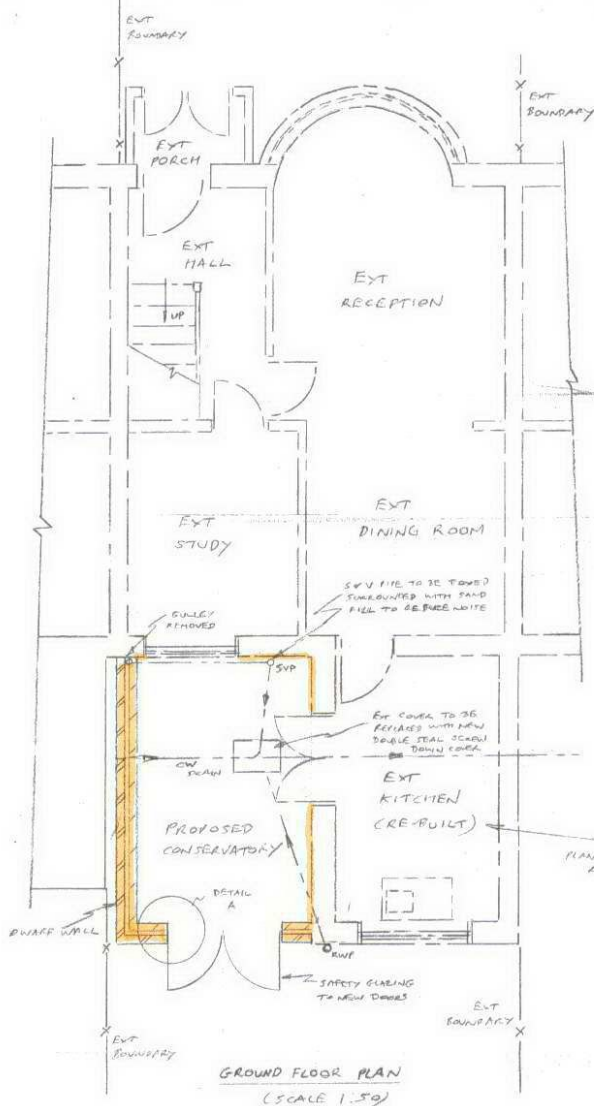
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ELECTRICAL SYSTEMS

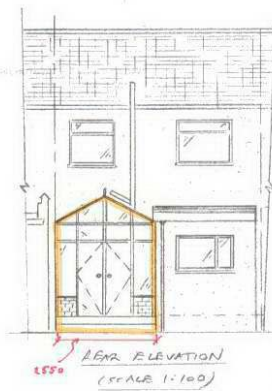
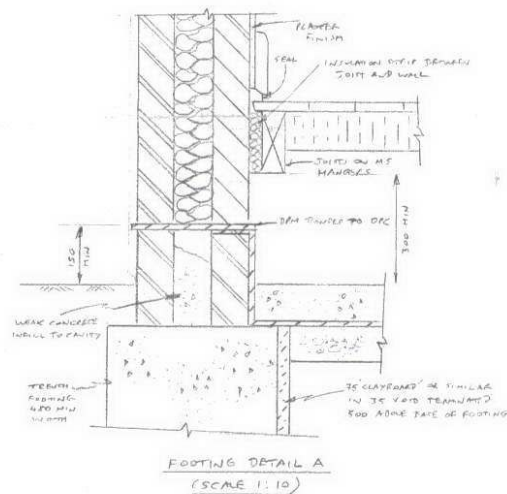
- ALL WORK TO CONFORM TO APPROVED DOCUMENT P AND BS 7671:2001
- WORK TO BE CARRIED OUT BY: a) AN INSTALLER WHO IS REGISTERED WITH A COMPETENT PERSONS SCHEME OR b) AN INSTALLER WHO IS REGISTERED WITH A TRADE BODY (NICEIC, ECA, NAPIT etc)
- WHERE WORK CARRIED OUT BY a), THE LOCAL AUTHORITY IS TO BE PROVIDED WITH A COPY OF THE INSTALLATION CERTIFICATE AND WHERE BY b), THE LOCAL AUTHORITY IS TO BE PROVIDED WITH A COPY OF THE DESIGN, INSTALLATION & TEST CERTIFICATE

STANDARD NOTES

- GENERAL**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE, AND ARE TO BE VERIFIED ON SITE AS NECESSARY.
- GLAZING**
- ALL NEW REPLACEMENT WINDOWS TO BE AS A MINIMUM DOUBLE GLAZED WITH A 12mm OR 16mm AIR GAP, ARGON FILLED AND A LOW E COATING MAX 0.08 OR MANUFACTURERS STATEMENT TO HAVE A MAX U-VALUE OF 1.8 W/m²K.
 - ALL SAFETY GLAZING (WHERE NOTED) TO COMPLY WITH BS 6398 CLASS C TO LOCATIONS NOTED IN APPROVED DOCUMENT H.
- TIMBER GENERAL**
- FLOOR JOISTS TO BE STRESS GRADED TO BS 4978 GRADE SCS TIMBERS SHOULD BE SUPPORTED ON MS JOIST HANGERS, DOUBLE JOISTS AND RAFTERS TO BE BOLTED TOGETHER WITH M10 DIA BOLTS AT 600 CRS WITH DOUBLE SIDED TOOTHED CONNECTORS BETWEEN.
 - TIMBER TO TIMBER CONNECTIONS TO BE MADE USING PROPRIETARY GALVANIZED STEEL MULTIGRIP FRAMING ANCHORS (E.G. 'BATT OR MAPCO').
- STRUCTURE GENERAL**
- ALL EXISTING AIR BRICKS TO BE MAINTAINED BY CASTING 2 NO. 150 PIPES IN OVERSITE CONCRETE TO EACH AIR BRICK (WHERE NECESSARY).
- MASONRY WALLS**
- BRICKS TO BS 3921.
 - CAVITY WALLS TO HAVE BRICK OUTER SKIN WALLS WITH 100mm THERMALITE TURBO (OR SIMILAR) BLOCK INNER LEAF AND MIN 100mm CAVITY FILLED WITH ROCKWOOL (OR SIMILAR) TO ACHIEVE U-VALUE MINIMUM OF 0.25 W/m²K.
 - CAVITY WALL INSULATION TO BE TAKEN DOWN BELOW D.P.C. LEVEL TO UNDERSIDE OF FLOOR SLAB.
 - 25mm INSULATION UPSTAND TO BE PROVIDED AROUND FLOOR PERIMETER.
 - ALL CAVITY CLOSERS TO BE INSULATED.
 - SHRINKAGE JOINTS AT 3000mm MAXIMUM FROM ANY CORNER (IDEALLY AT MID-POINT APPROX UP AGAINST A DOOR FRAME FOR FULL HEIGHT OF WALL - NOT NECESSARY BELOW D.P.C. LEVEL).
 - ADDITIONAL JOINTS TO BE AT 6000mm MAXIMUM CENTRES.
 - 25 x 3 x 200mm LONG PLAT GALVANIZED STRIP PLACED ACROSS JOINT EVERY OTHER BED JOINT.
 - MORTAR MIX 1:1:6 OR 1:5 MAGNADRY CEMENT SAND TO BE GOOD QUALITY BUNDOLO OR SIMILAR.
 - ALL WINDOWS, DOOR FRAMES AND OTHER OPENINGS SEALED WITH MASTIC AT ABUTMENTS WITH THE RENDERING, SHRINKAGE JOINTS SIMILARLY SEALED.
 - GALVANIZED METAL LATHING REINFORCEMENT TO BE FIXED FIVE 2 COURSES ABOVE AND BELOW ANY DOOR OR WINDOW FRAME (BUT NOT BELOW D.P.C.) EXTENDING 600mm EACH SIDE OF FRAMES AND TO HAVE 20mm COVER (EXCLUDING PLASTER OR RENDERING).
 - NEW WALLS BONDED INTO EXISTING BY MEANS OF FURTEX STAINLESS STEEL PROFILES FITTED TO MANUFACTURERS INSTRUCTIONS WITH BUTTERFLY WIRE TIES AT 225 CRS.

GROUND FLOORS

- CEMENT TO BE OPC TO BS 12.
- SULPHATE RESISTING CEMENT TO BE USED FOR WORKS BELOW GROUND LEVEL.
- DPM TO BE CONTINUOUS WITH DPC IN EXISTING AND NEW WALLS WITH PROPERLY SEALED JOINTS.
- DPC FITTED TO ALL REVEALS, REVEALS TO BE CLOSED WITH INSULATED CLOSERS WHERE APPLICABLE.
- MASS CONCRETE TRENCH FOOTINGS TO BE 1.5m MIN AND TO BE A MIN OF 100 DEEP UNLESS OTHERWISE NOTED.
- 21mm THK CHIPBOARD, PLYWOOD OR SOFTWOOD ON 50mm X 100mm JOISTS AT 400 CRS WITH 100 THK KINGSPIR ACOUSTIC THERM K3, CELOTEX GARDOLUX OR SIMILAR INSULATION TO PROVIDE MIN U-VALUE OF 0.25 W/m²K ON CHICKEN WIRE BETWEEN JOISTS. 1200 GAUGE VIBRABEEN DRUM OR 100mm MIN SAND FILL BEDDED ON BASE, OVERLAIN BY 100mm MIN OVERSITE CONCRETE.
- DPC TO BE BONDED TO DPM WITH BELL CAST STRIP LOCATED A MIN OF 150mm ABOVE EXTERNAL GROUND LEVEL.
- ALL BRICKWORK TO BE USED BELOW DPM/DPC.
- ANY EXISTING FLOORS TO BE BROKEN OUT UNLESS OTHERWISE NOTED.
- EXISTING FOUNDATIONS TO BE EXPOSED LOCALLY TO FORM MIN 450 WIDE NEW FOOTING LOCATED CENTRALLY BELOW NEW WALL 120mm THK KINGSPIR OR SIMILAR TO BE FIXED AROUND EXT FOUNDATION TO PROVIDE MOVEMENT JOINT. EXCAVATION TO BE MADE IN 1m LONG SECTIONS WITH EXPANDED METAL LATH JOINT FORMERS.

SIDE (SOUTH-WEST)
ELEVATION
(SCALE 1:100)SIDE (NORTH-EAST)
ELEVATION
(SCALE 1:100)

N.B.

- REBUILD OF EXT KITCHEN SUBMITTED UNDER SEPARATE PLANS, (BY PETER M. OLLEY PARTNERSHIP)
- WORKS TO BE CARRIED OUT IN CONJUNCTION WITH KITCHEN RE-BUILD, WHERE POSSIBLE.
- ALL NEW DRAINAGE WORKS TO BE CARRIED OUT UNDER PLANS SUBMITTED FOR KITCHEN RE-BUILD.
- PARTY WALL DETAIL (FASSED TO OWNER(S) OF NO. 17 LINDEN AVENUE.
- NEW CONSERVATORY FLOOR LEVEL TO MATCH LEVEL OF FLOOR IN RE-BUILT KITCHEN. TRAP DOOR ACCESS TO BE BUILT INTO NEW FLOOR TO ALLOW ACCESS TO EXT MH.

Status
PLANNING APPLICATION /
BUILDING REGS SUBMISSION

Title NEW CONSERVATORY AT 15 LINDEN AVENUE, RUSLIP MANOR, MIDDLESEX, HA4 8TW			
Drawing No. PDN/MB/2008/01	Client MR & MRS NEWMAN	REV 0	
Scale AS SHOWN	Date MARCH 2008	Drawn MB	

DRAWN
CHECKED
APPROVED