HPK/2011/0209

DETAIL CONSTRUCTION

PART L CONSTRUCTION:

ALL EXISTING EXTERNAL WALLS ARE TO HAVE THE EXISTING PLASTERBOARD FINISH REMOVED AND THE INTERNAL FACE MADE GOOD AS REQUIRED. THE INTERNAL IS THEN TO BE DRY LINED WITH 67.5mm KINGSPAN KOOLTHERM K18 INSULATED BOARD ON DABS WITH 5mm SKIM COAT, TAPE AND SEAL ALL JOINTS AGAINST AIR LEAKAGE. - WORK TO BE UNDERTAKEN AS/IF REQUIRED BY THE RELEVANT INSPECTOR.

ALL WINDOWS ARE TO BE REPLACED WITH UPVC DOUBLE GLAZED UNITS WHERE REQUIRED WITH 'U' VALUE OF 1.2

PART E CONSTRUCTION:

PARTY WALLS - MASONRY WALLS:
SRS RESILIENT BARS ARE TO BE FITTED HORIZONTALLY ACROSS THE WALL WITH BARS TOP AND BOTTOM AND THEN AT 600mm CTRS, WHERE BARS ARE FIXED DIRECT TO THE WALL, 25mm MINERAL WOOL INSULATION IS TO BE FIXED BETWEEN THEM.
17mm 'MAXIBOARD' IS THEN TO BE FIXED TO THE WALL USING 3.9x30mm SRS MAXI SCREWS. (WALL MUST BE FREE OF MOISTURE BEFORE BOARD FITTED). MAXIBOARD MUST BE FITTED IN A BRICK PATTERN AND CARE TAKEN TO ENSURE NO GAPS.
WHERE MAXIBOARD ABUTS WALLS FLOORS AND CEILINGS ACOUSTIC SEALANT MUST BE ADDED.
(IF INCREASED SOUND ATTENUATION IS REQUIRED, 25x50 BATTENS SHOULD BE FITTED AT 600 CTRS WITH 25mm MINERAL QUILT.)

PARTY WALLS - TIMBER.
AREA BETWEEN STUDWORK TO BE INSULATED WITH 50mm MINERAL QUILT, RESILIENT BARS THEN FIXED AS ABOVE WITH THE MAXIBOARD FIXED IN THE SAME WAY WITH STAGGERED JOINTS. AGAIN SEAL ALL AREAS AGAINST LEAKAGE.
ON THE OTHER SIDE, TWO LAYERS OF FIRE LINE BOARD ARE TO FIXED DIRECT TO THE STUD AND SEALED AGAINST AIR LEAKAGE.

PART E CONSTRUCTION:

PARTY FLOORS:
MAXIBOARD IS TO BE FITTED ONTO THE CEILING TO ALLOW FOR SOUND ATTENUATION IN ACCORDANCE WITH MANUFACTURERS SPECIFIC FITTING DETAILS:
100mm 45KG/M3 MINERAL WOOL SLABS ARE TO BE FRICTION FITTED BETWEEN THE EXISTING JOISTS ACROSS THE FULL WIDTH OF THE CEILING. SRS MAXI RESILIENT BARS ARE THEN FIXED TO SPAN ACROSS THE FULL WIDTH OF THE CEILING JOISTS USING 70x5mm SELF DRILLING SCREWS (FITTED AT THE EDGES AND EVERY 300 CTRS)
MAXIBOARD IS THEN FIXED INTO THE RESILIENT BARS WITH 30x3.9mm MAXI HP SCREWS - THE BOARD MUST NOT BE FIXED THROUGH THE BAR INTO THE TIMBER.
THE BOARDS ARE FITTED IN A STAGGERED HALF PANEL OVERLAP WITH 100mm WHITE GYPSUM LAYER FACING OUTWARDS, UNLESS OTHERWISE STATED.
ALL SCREW FITTINGS ARE AT MAX 300mm CTRS, POSITIONED 20mm FROM THE EDGES OF BOARD AND AT MIDPOINT.. A BEAD OF SRS GRIPFIX IS TO BE APPLIED TO EACH PANEL SHIPLAP EDGE PRIOR TO INSTALLATION.
WHERE BOARDS ABUT A PERIMETER, BEADS OF SRS ACOUSTIC SEALANT MUST BE APPLIED (AFTER REMOVING THE SHIPLAP EDGE). CARE MUST BE TAKEN TO ENSURE NO GAPS OCCUR BETWEEN MAXIBOARDS.
CEILING IS THEN UNDERDRAWN WITH 12.5mm FIRELINE BOARD FIXED THROUGH THE MAXIBOARD TO THE RESILIENT BARS USING 50mm DRYWALL SCREWS.

SPECIFICATION:

EXTERNAL WALLS
SEE ABOVE SPECIFICATION TO EXISTING WALLS
DRY LINING TO BE SEALED WITH CONTINUOUS RIBBONS OF ADHESIVE AT PERIMETERS OF EXTERNAL WALLS, OPENINGS AND AT JUNCTION WITH SKIRTING AND CEILING. POLYTHENE DPC / CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES TO BE CLOSED AROUND EXTERNAL OPENINGS WITH PROPRIETARY CLOSURE WITH MIN. THERMAL RESISTANCE PATH OF 0.45M K/W. WEEPHOLES TO BE PROVIDED AT ALL EXTERNAL OPENINGS.

INTERNAL WALLS - TO NEW BATHROOM AT FIRST FLOOR LEVEL
STUDWORK TO BATHROOM PARTITION TO BE 75mm O/A 'GYPWALL RAPID dB PLUS' SYSTEM OR SIMILAR APPROVED, WITH 15mm GYPROC SOUNDBLOC RAPID (15mm GYPROC SOUNDBLOC RAPID MR TO WET ROOMS, INTERNAL SIDE) EITHER SIDE OF GYPFRAME 43mm AS 50 ACOUSTUDS AT 900ctrs WITH GYPFRAME GWR2 MID-HEIGHT NOGGING (MAX HEIGHT 2400mm) OR 450ctrs & NO NOGGINS (MAX HEIGHT 2700mm). TO ACHIEVE 40dB IN COMPLIANCE WITH APPROVED DOCUMENT 'E' 2003.

MEANS OF WARNING AND ESCAPE
FULL L2 DETECTION SYSTEN FITTED AS EXISTING

HEATING TO BS.5449 - ONLY RELATES TO ANY NEW WORK TO BE DONE
GAS FIRED CONDENSING BOILER (SEE PLAN) MIN. 90.4% EFFICIENCY SEDBUK 'A' RATING, TO FAN ASSISTED FLUE WITH GUARD MIN. 300mm BELOW OPENING. INDICATIVE RADIATOR POSITIONING SHOWN THUS:- ○——○ TO BE FITTED WITH THERMOSTATIC VALVES (EXCEPT WHERE ROOM HAS THERMOSTAT ◀◀ CONTROLLING BOILER INTERLOCK) ALL PRIMARY PIPEWORK WITHIN 1m OF CYLINDER & UNHEATED SPACES TO BE INSULATED WITH MATERIAL WITH THERMAL CONDUCTIVITY NOT EXCEEDING 0.045 W/M^2K & THICKNESS TO OUTSIDE DIA OF PIPE UP TO MAX 40mm. 160 LITRE HOT WATER CYLINDER TO HAVE 50mm FACTORY APPLIED INSULATING JACKET TO BS.3198 & CYLINDER STAT FITTED. SYSTEM TO HAVE SINGLE PUMP IN HEATED SPACE. SECONDARY HEATING SYSTEM - GLASS ENCLOSED DECORATIVE ELECTRIC OR GAS FIRE WITH NO THERMOSTATIC CONTROLS. COMBUSTION AIR PROVIDED BY 215 x 140 PLASTIC AIRBRICK IN LOUNGE (19677mm FREE AIR). HEATING ENGINEER TO PROVIDE COMMISSIONING CERTIFICATE FOR ALL GAS APPLIANCES IN ACCORDANCE WITH APPROVED DOCUMENT J 2002. NOTICE PLATE REFERING TO ALL HEATING APPLIANCES AS DESCRIBED IN APPOVED DOCUMENT J 2002 PARAGRAPH 1.56-1.58 TO BE LOCATED ADJACENT TO WATER SUPPLY STOP COCK INDICATED THUS ON PLANS:- NP

VENTILATION-NATURAL
HABITABLE ROOMS-OPENING WINDOWS MIN 1/20TH FLOOR AREA OF ROOM WITH PART AT LEAST 1.75m ABOVE FLOOR LEVEL. TRICKLE VENTS TO BE FITTED TO WINDOWS WITH 8000mm² BACKGROUND VENTILATION TO HABITABLE ROOMS.

VENTILATION-MECHANICAL
CONTINUOUS RUNNING FANS TO BE FITTED TO ALL WET ROOMS, (GREENWOOD AIRVAC CV100 OR SIMILAR APPROVED) TO BE FITTED WITH CONSTANT VOLUME CONTROL & BE CAPABLE OF ACHEIVING CONSTANT RATES OF 10L/S IN KITCHENS, UTILITY ROOMS, BATHROOMS & 5L/S IN W.C'S. KITCHEN FANS TO BOOST TO A MIN. OF 13L/S & W.C FANS TO BOOST TO A MIN. OF 6L/S. ALL FANS TO BE VENTED DIRECTLY TO OUTSIDE. COOKER HOOD IF FITTED TO BE SET TO RE-CIRCULATION AND NOT VENTED TO OUTSIDE AIR.

ABOVE GROUND DRAINAGE
WASTE PIPES TO BS 5572:1978: SIZES: WASH HAND BASIN 32mm UPTO 1.7m RUN. SINK, BATH, SHOWER - 40mm UPTO 3m RUN 50mm UPTO 4m RUN. WC'S - 100mm. WASTE PIPES TO HAVE SEPARATE & 75mm SEAL TRAPS TO 100 S&VP TERMINATED INTERNALLY WITH NON RETURN VALVE (EXTERNAL STACKS & EVERY 5 STACKS & EVERY 5 ON SINGLE DRAIN RUN VENTED TRADITIONALLY TERMINATING 900mm ABOVE OPENINGS WITH SUITABLE CAGE). SHOWER TRAYS TO HAVE ACCESS PANEL TO TRAP. ALL JOINTS TO BE PUSH FITTED & ACCESS PANELS PROVIDED AT ALL CHANGES IN DIRECTION. RAINWATER GOODS IN UPVC TO BS 4576

FLOORS
SEE ABOVE SPECIFICATION IN ACCORDANCE WITH PART E AND PART B

ROOF
SEE ABOVE SPECIFICATION FOR INSULATION TO EXISTING ROOF COVERINGS

DOVE HOLES
37 STATION ROAD,

DWG: GROUND FLOOR FLAT
37 STATION ROAD
DOVE HOLES

12 APR 2011

REVISIONS

1:50 | CHECKED:
DATE: APRIL 11 | DRAWN:

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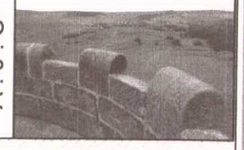

PROPOSED 04

37 STATION ROAD