

www.homesdesignItd.co.uk info@homesdesignItd.co.uk | drawing no **LONDON NW7 2RE** 40 WISE LANE-MILL HILL PROPOSED SOUND PROOFING DETAILS project 336A WEST END LANE - LONDON NW6 1LN HD900/8002 contract rev: date scale

REGULATION PART-E: SOUND INSULATION SPECIFICATION TO BUILDING

INTERNAL PARTY WALLS BETWEEN FLATS TO BE EITHER:

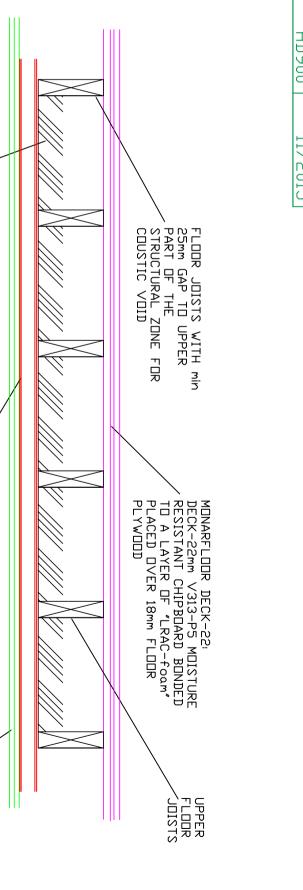
BOTH SIDES THEN FINISH WITH 2-NUMBER OF SOUND BEAMS OR TRIMMER IF RUNNING PARALLEL TO JOISTS OR BOARDS AT EACH SIDES THEN SKIMMED AND FINISHED FIXED TO FLOOR JOISTS WITH STEEL STRAPS IF PERPENDICULAR TO JOISTS. PROVIDE RENDER FINISH TO (a) 100mm DENSE 7N/mm² BLOCKS PLACED OVER FLOOR

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BOARD) & FULLY SKIMMED IN ORDER TO PROVIDE SOUND DRYTHERM-50 POSITIONED CENTRALLY TO THE JOIST TO PLASTER BOARD TO INSIDE FACE (1-SOUND BOARD + 1-FIRE (48db @ MIN 3db ABOVE MIN. REQUIREMENTS) ACHIEVE 25mm CAVITY GAP TO EACH SIDE) WITH 2x12.5mm 450c/c VERT PLUS INFILL INSULATION (50mm ROCKWOOL INNER STUD LINNING:100x50-C16 @ 600c/cs WITH NOGGIN'S @ (b) CREATE TIMBER PARTITION WALLS & TO BE INSULATED **NSULATION BETWEEN EACH AREAS TO PART-E COMPLIANCE**

REGULATION PART-E COMPLIANCE (MIN. 48db @ 3db ABOVE EXISTING FLOOR JOISTS TO BE REMOVED AND FLOOR JOISTS BUILDING AND THE DESIGNATED AREAS UNDER BUILDING FORWARDED TO BUILDING CONTROL TO COMPLY WITH NOGGINGS AT 3RD SPAN. SAP REPORT TO BE PROVIDED CAVITY GAP. FIXING 25mm METAL INSERT TO U/S OF THE COMPANY TO ALL AREAS IN ORDER TO CERTIFY THE PART-L. A SOUND TESTING BY INDEPENDENT CERTIFIED FIRE BOARD TO THE CEILING. PROVIDE FULL DEPTH $\mathsf{ROCKWOOL} ext{-}50\mathsf{kg/m}^3$ INSULATION BETWEEN THE JOISTS WITH WITHIN FIVE DAYS OF COMPLETION OF THE WORKS & JOISTS THEN INSTALL 12.5mm SOUND BOARD PLUS 12.5mm 25mm GAP TO U/S OF THE 1st FLOOR DECKING TO CREATE A THE FLOORS TO BE SOUND PROOFED TO MEET PART-E. ALL TO BE REPLACED WITH 225x50-C16 JOISTS. PROVIDE 200mm

accredited and approved independent certified contractor who will forward the test results to Building Control for approval (Upon completion of the works the sound test to be carried out by



INSULATIONS & SOUND PROOFIN EILING DETAILS WITH ACOUST

100mm HIGH DENSITY
ROCKWOOL-RW50 INSULATION
(50kg/m³) FIXED TO BOTTOM PART
OF THE FLOOR JOISTS.

25mm GAP CREATE BELOW THE JOISTS BY PROVIDING RESILIENT STEEL BAR (BRITISH GYPSUM) FIXED TO UNDERSIDE OF THE FLOOR JOISTS SUPPORTING THE DOUBLE PLASTERBOARD CEILING

2x12.5mm CEILING (12.5mm SDUND BLOCK + 12.5mm FIRELINE-BRITISH GYPSUM) PLASTERBOARD & SKIMMED TO ACHIEVE ACOUSTIC & FIRE RATING. OVERALL PLASTERBOARD DENSITY: 24kg/m³

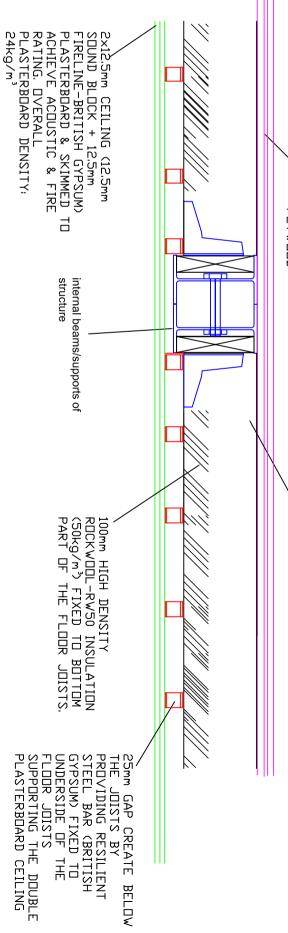
MONARFLOOR DECK-22:

DECK-22mm V313-P5 MOISTURE

RESISTANT CHIPBOARD BONDED

TO A LAYER OF "LRAC-foam"

PLACED OVER 18mm FLOOR PLYWOOD FLOOR JOISTS WITH MIN 50mm GAP TO UPPER PART OF THE STRUCTURAL ZONE FOR COUSTIC JRAL ZI VOID



BELOW

section THROUGH UPPER