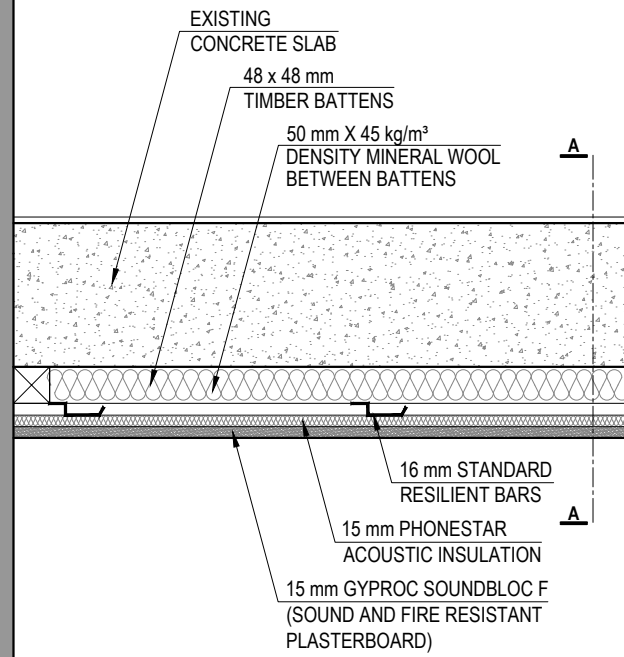
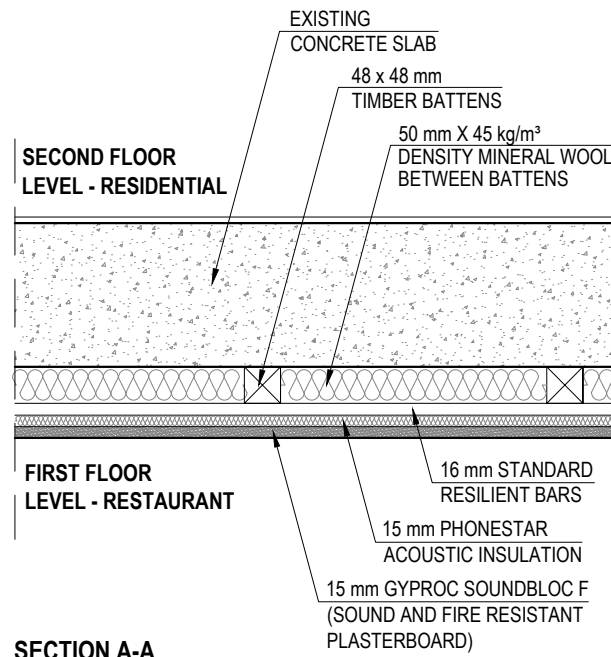


**SECOND FLOOR LEVEL - RESIDENTIAL**



**SECOND FLOOR LEVEL - RESIDENTIAL**



**SECTION A-A**

**FIRST FLOOR LEVEL - RESTAURANT**

**FIRST FLOOR LEVEL - RESTAURANT**

**DETAIL 01 - scale 1:10**

- EXISTING CONCRETE SLAB / CEILING SOUND TREATMENT BETWEEN FIRST FLOOR RESTAURANT AND SECOND FLOOR RESIDENTIAL

- NOTES:**  
**PHONESTAR ACOUSTIC INSULATION**  
GENERAL INSTALLATION INSTRUCTIONS - TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS BELOW:
1. Remove the coving, if in position. It is not necessary to remove the plasterboard unless it is in very poor condition. Examine the ceiling thoroughly and if there are any holes or gaps, fill them with flexible sealant. Establish where the joists are located and their spacing, if it is a timber joist ceiling. If it is a bare concrete ceiling, remove any loose material using a wire brush.
  2. Secure stud battens to ceiling by screwing drywall screws (for timber joist ceiling) or hammer fixings (for concrete ceiling) through the batten, plasterboard and into the timber joist or concrete, so that they are safely and securely held. Leave a 400mm space between inner faces of the stud battens so that the width of mineral wool will be a push fit (if using). Optionally insert dense mineral wool between stud battens to fill cavity void.
  3. Fix the Resilient Bars horizontally by screwing 25mm drywall screws through the pre-drilled holes into the battens only. Begin at one end of the ceiling and place the first bar approx 50mm away from the wall. Continue on at 400mm centres. You will need another bar at the opposite end of the ceiling close to the wall, but NOT touching it (regardless of the distance between the last 2 resilient bars). Also do NOT allow the resilient bars to touch the adjoining walls - leave a 5mm gap. Cut the resilient bars with a tin snips or hacksaw if necessary. If resilient bars need to be joined up, overlap 2 bars by 50mm max and screw through this overlap into a batten. Mark the position of the ridged part of the bars on the surrounding walls as a reference point.
  4. Begin at one corner of the ceiling, and holding PhoneStar (with the label side facing you), screw into the ridged part of the Resilient Bars, using 25mm long drywall screws equally spaced at 150mm centres, being careful to leave screw head just below surface. It is very important NOT to let screws go through into the ceiling, as this will cause sound bridges.
  5. Continue across the ceiling ensuring that boards are butted closely together, leaving no gaps at perimeter or between boards. Remember, sound will pass through any gaps. If there are any little gaps fill them with flexible acoustic sealant.
  6. Where PhoneStar must be cut, it is important to cut with the board laid horizontally across 2 tables or trellises to minimise sand spillage, then turn the board upright to seal the cut edges with the supplied PhoneStar Eco-tape. If too much sand filler is lost the final performance may be compromised. It is best to cut PhoneStar with a fine tooth handsaw, jigsaw or Stanley knife. See Page 5 for more details on cutting and taping the PhoneStar boards. Where it is impractical to obtain a good fit at corners, scribe and cut as close as possible then caulk any remaining gaps with flexible acoustic sealant.
  7. Attach the acoustic plasterboard by screwing 38 - 42mm drywall screws through the plasterboard, PhoneStar and in through the ridged part of the resilient bars. Where practically possible make sure plasterboard joints do not align with joints on the previous board, as this may create an airpath. It is very important to leave a 5mm perimeter gap around the 4 walls, to stop vibrations with the surrounding structures.
  8. Finish plasterboard ensuring all screw heads and joints are adequately sealed.
  9. Seal 5mm perimeter gaps with flexible acoustic sealant.

Note: It is the fitter's responsibility to ensure that all materials are safely and securely held as they will be supporting the new soundproofed ceiling."

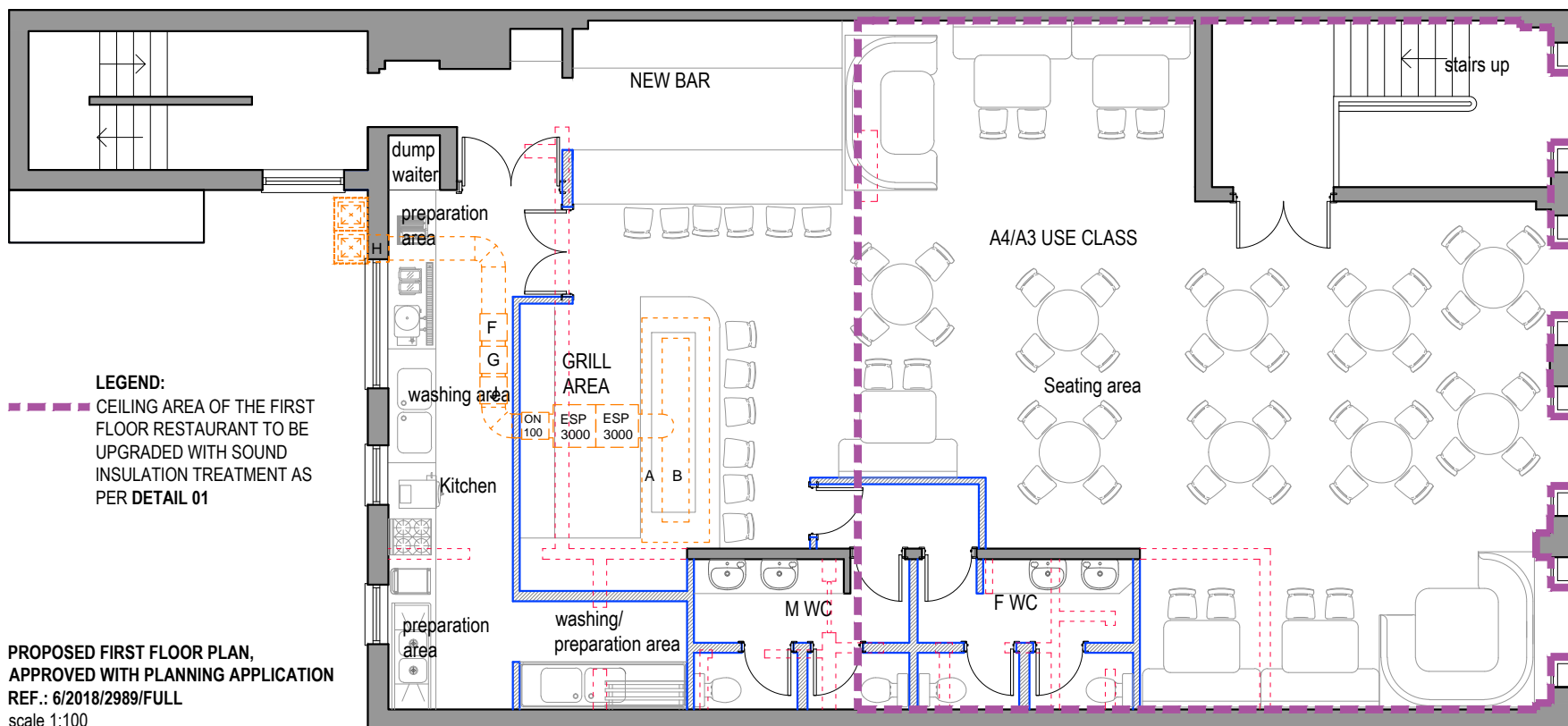


- WALLS / CEILINGS LEGEND:**
- EXISTING WALLS / CEILINGS
  - PROPOSED WALLS / CEILINGS
  - WALLS / PARTITION TO BE REMOVED

- LINES / HATCHES LEGEND:**
- REMOVING INTERVENTIONS
  - PROPOSED INTERVENTIONS
  - NEIGHBORING PROPERTIES



- Notes**
- 1- This drawing is not for construction
  - 2- All Dimension are in millimeters
  - 3- Dimensions are not to be scaled directly from drawings
  - 4- All dimensions are to be checked on site and the Architect is to be inform of any discrepancies before construction commences
  - 5- All references to drawings refer to current revision of that drawing
  - 6- The Copyright of this drawing belongs to Archpl Ltd.



**LEGEND:**  
--- CEILING AREA OF THE FIRST FLOOR RESTAURANT TO BE UPGRADED WITH SOUND INSULATION TREATMENT AS PER DETAIL 01

**PROPOSED FIRST FLOOR PLAN, APPROVED WITH PLANNING APPLICATION REF.: 6/2018/2989/FULL scale 1:100**

Rev.	Date	Revisions
<b>FOR PLANNING</b>		
 <b>ARCH</b> ARCHITECTURAL DESIGN STUDIO 33B Grand Parade, Green Lanes, Haringey, London, N4 1LG Tel: 0208 809 2320 - 0784241 0527 Web: www.archpl.co.uk		
Client		Mr Isa Demir
Project		The Parkway, Welwyn Garden City AL8 6JQ
Scale	1/100; 1/10@A3	Date 02/2019
Drawn By	VC	Checked By AEC
Project No.	18048	Drawing No. A101
Drawing title		Proposed First Floor Plan and Sound Treatment Detail