

**Project 29-33: SLADE**

Department: Slade School of Art | Phase 2

UCL Project Reference PS01047

**1.00 Architectural information**

- 1.01 High-level requirements
- 1.02 A1 Sound Recording Studios Proposed Layouts – Basement Level
- 1.03 A1 Sound Recording Studios – Outline Specification
- 1.04 Photos of Existing Spaces

**2.00 Services information**

**3.00 Appendices - Architectural information**



# UCL SLASH 2018/19: Projects 29-33 SLADE

## 1.01 High Level Requirements

Department: Slade School of Art

### Outline Scope:

- A1: Sound recording studio to be refurbished

### Main Objectives:

A1: Provide specialist conditions for professional sound recording and listening, Improving layout, environmental and overall condition of teaching space

### Architectural Commentary

Several amendments and interventions proposed to different areas throughout the Slade North wing, ranging from minor internal alterations to the erection of an external covered structure.

### Scope:

#### A1: Sound Recording Studio

Remove existing IAC booth and furniture, remove and infill existing window, remove wall fittings, ceiling (tbc) and floor finish. Provide shell for specialist studio fit-out company.

### Sustainability – Mini-SKA Criteria (refer to project-specific UCL document)

MS01 Efficient Lighting: New LED lighting with dimming control (sound studio)

MS06 Heating, Ventilation and Air Conditioning Controls: Existing radiators to be refurbished and reused. Existing ventilation ductwork system to be retained and cleaned (sound studio).

MS09 Timber: Partition wall (sound studio) and other timber products to comply with requirements.

M10 Flooring: Vinyl to be stripped out and replaced with appropriate acoustic flooring (sound studio)

MS11 Furniture: Supply loose furniture as required (Sound Studio). UCL existing inventory to be viewed with the view of reusing items from storage/ other projects. New Furniture will meet the requirements outlined in mini-ska.

MS16 Daylight and Glare Control: No natural light in the sound studio due to purpose of the room

MS17 Outside Views: No permanent workstations

MS18 Paints & Finishes: Walls to be made good and painted where not covered in acoustic dampeners (sound studio)

**Note:** refer to Outline Brief Requirements and Arcadis' Change Control document for further and full requirements as captured during client briefing sessions.

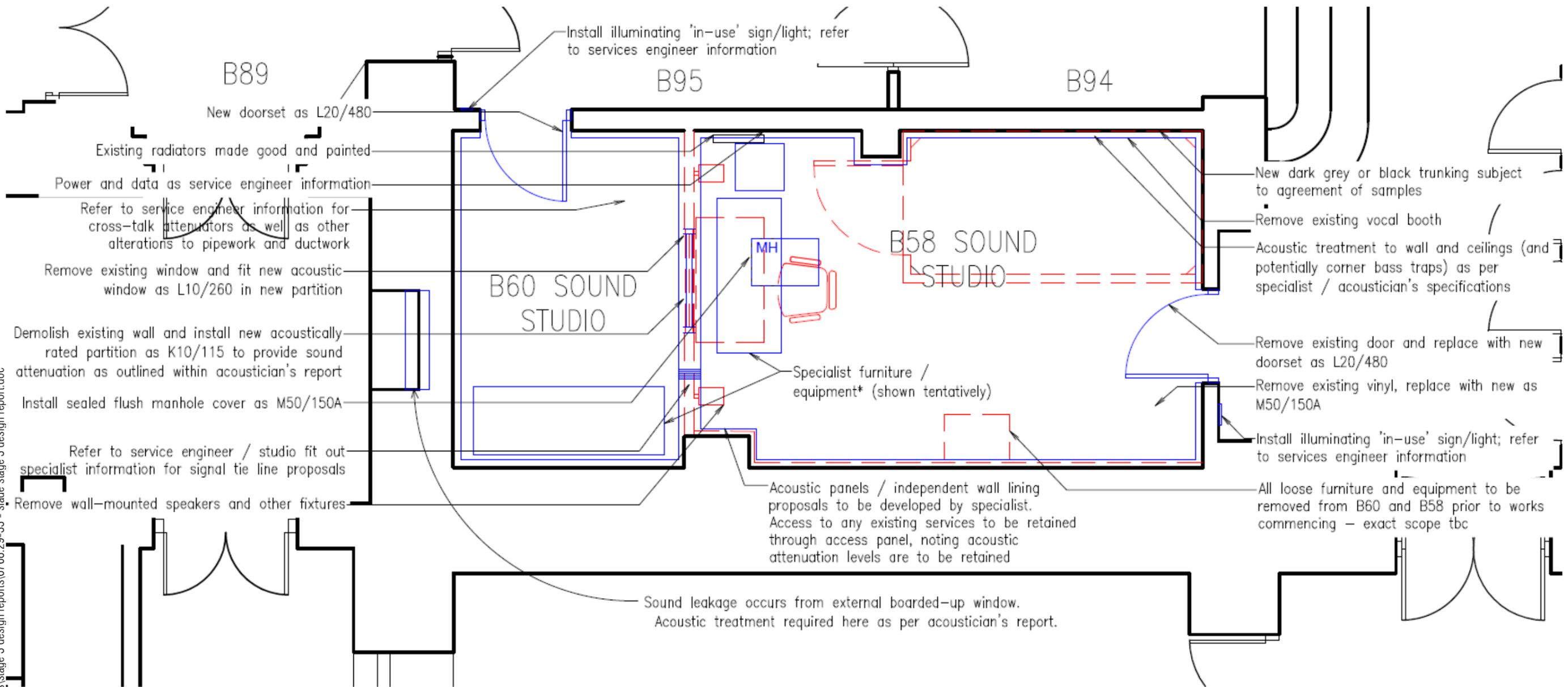
**General Note:** Read in conjunction with design drawings and Architectural specification sections as per heading prefixes within the report

# UCL SLASH 2018/19: Projects 29-33 SLADE

## 1.02 A1 Sound Recording Studio Proposed Layout - Basement Level

Rooms B58/B60

(not to scale)



### KEY

- Existing items
- Items to be demolished or relocated
- Items proposed

Refer to Outline Brief Requirements and Change Control documents for full scope of works

# UCL SLASH 2018/19: Projects 29-33 SLADE

## 1.03 A1 Sound Recording Studio – Outline Specification

### Rooms B58/B60

**High level requirements:** Provide specialist conditions for professional sound recording and listening, Improving layout, environmental and overall condition of teaching space. B60 will serve as a control room which can also be used for vocal or other 'minor' recording activities if main studio B58 is in use. The below specifications generally apply to rooms B58 and B60. It was ascertained that the existing partition between B58 and B60 does not isolate the two rooms; a new acoustically-rated partition is proposed.

**General:** Allow for all fixings, spares and manufacturer-supplied tools where required.

**M50 / Floors:** Vinyl floor to be stripped out and replaced with new vinyl. Access to existing sealed manhole must be retained – provide new manhole cover with matching vinyl and stainless steel trim. Flush finish must be achieved so as not to present a trip hazard.

- Suggested New Sheet Flooring Product: *Marmoleum Decibel* by Forbo Flooring; colour: Nebula (or approved equivalent)
- Suggested product for manhole cover: Contractor's choice; refer to example image. Seal requirements: to match existing; validation required on site.

**K10 / K13 / Walls:** Demolish partition between B58 and B60 and install new acoustically-rated wall following guidance from an acoustician (spec. to the agreement of the client). Redecorate space. Independent acoustic wall lining to be designed and provided by specialist. Include allowance for timber veneer panel to new partition between B58 & B60 (as shown in precedent image) with Slade school branding; detailed proposals to be developed to the agreement of the client.

- Suggested Product for Walls: *Trade Diamond Matt Emulsion* by ICI Dulux Trade (or approved equivalent). Colour: to match 7016 Anthracite Grey
- Suggested Product for Skirtings: Timber skirting; finish to match bespoke timber veneer panel. Contractor to submit proposals. Colour: to match 7016 Anthracite Grey
- Suggested product for feature veneer timber wall: *Groove wall panel* with acoustic felt backing by Stil Acoustics. Pattern: 3mm slot width, random slat width (grooves to align with feature ceiling). White Washed White Oak HPL.

**L20 / Doors:** Provide new sound-insulated FR30 doors to both studios. Colours and finishes to match overall aesthetic.

**K13 / Ceilings:** Acoustic treatment to services installed in both rooms which is permanently surfacing the wall and ceiling structure (fabric wrapped framed absorbers/diffusers etc.). Install either acoustic feature baffle, or suspended acoustic panel slatted feature ceiling with acoustic felt backing.

- Suggested product for feature veneer timber ceiling: *Groove demountable ceiling* with acoustic felt backing by Stil Acoustics. Pattern: 3mm slot width, random slat width. Colour: White Washed White Oak HPL

**Trunking:** Provide black or dark-grey wall-mounted Dado trunking within both spaces. Submit samples for agreement with architect and client prior to installation.

**L10 / Windows:** Acoustically-rated window between both rooms to be installed in the location of existing boarded-up window.

**Lighting fixtures:** Dimmable lighting is required in both studios. As required to achieve light-level requirements (fit-out company have made an allowance for an LED lighting system). 'in-use' illuminated signs are required outside both studios. Existing ceiling-mounted lighting to be removed, new fixtures installed to suspended ceiling rafts via pattresses.

**Loose furniture/equipment:** We suggest a cable management system is considered for the proposed desk. New equipment and furniture as outlined within Miloco builds quotation to be procured and installed by a specialist.

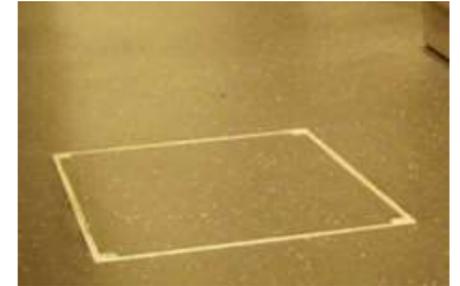
Specialist furniture is to be in keeping with the overall design intent, aesthetic and materials palette of the rooms; submit samples and proposals to validate that finishes overall are coordinated. For example, any timber within the proposals is to match Stil Acoustics *Groove R* (or acceptable equivalent) panels.

**C20 / Demolitions:** All demolitions are to be carried out in accordance with advice and findings found in asbestos surveys. Demolish existing partition between B58 & B60. Remove existing IAC booth, remove existing equipment and speakers (exact items and extent tbd by UCL), remove existing window and boarding, remove acoustic foam on walls, remove trunking, remove ceiling (tbc), remove loose furniture, remove sockets as required. Remove floor finish. Area to be cleared by client prior to commencement of works.

**Services:** Provide cross-talk attenuators to high level ductwork as per service engineer information. Provide signal tie lines between G60 and G58. Refer to Service Engineers' information for detailed requirements.

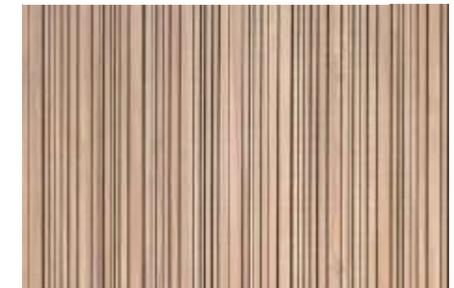
**Acoustician:** an acoustician is required to provide attenuation levels between rooms B58 and B60, but also from external and corridor areas in. It has been noted that an existing window opening permits the transgress of noise into B60; acoustician to advise on required measures following an in-depth survey of the existing spaces. Acoustic testing is required post completion to verify that desired attenuation levels have been achieved.

Note: all proposals are subject to client sign-off.

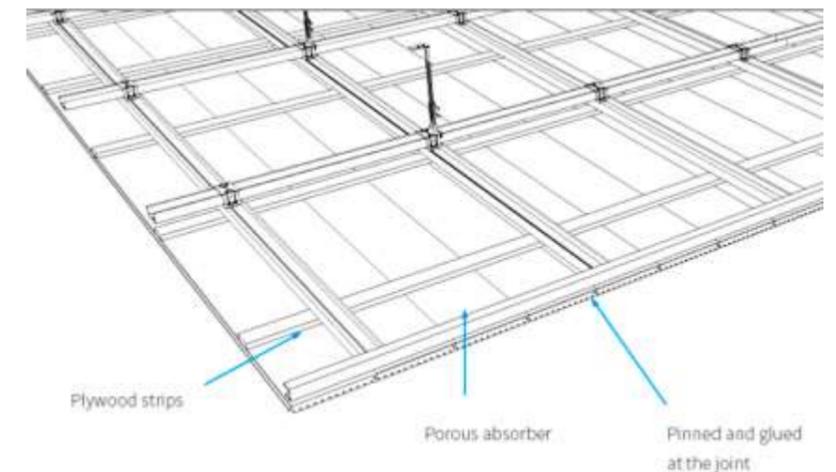


Example image of flush manhole cover with vinyl covering.

Feature wall and ceiling pattern: 3mm slot width, random slat width



Feature wall and ceiling proposal: *Groove demountable ceiling* with acoustic felt backing by Stil Acoustics. Colour: White Washed White Oak HPL



Ceiling raft demountable system

# UCL SLASH 2018/19: Projects 29-33 SLADE

## 1.04 Photos of Existing Spaces

### Sound Recording Studio B58



Extent of existing equipment and furniture to be retained tbc

Access to existing sealed manhole to be retained

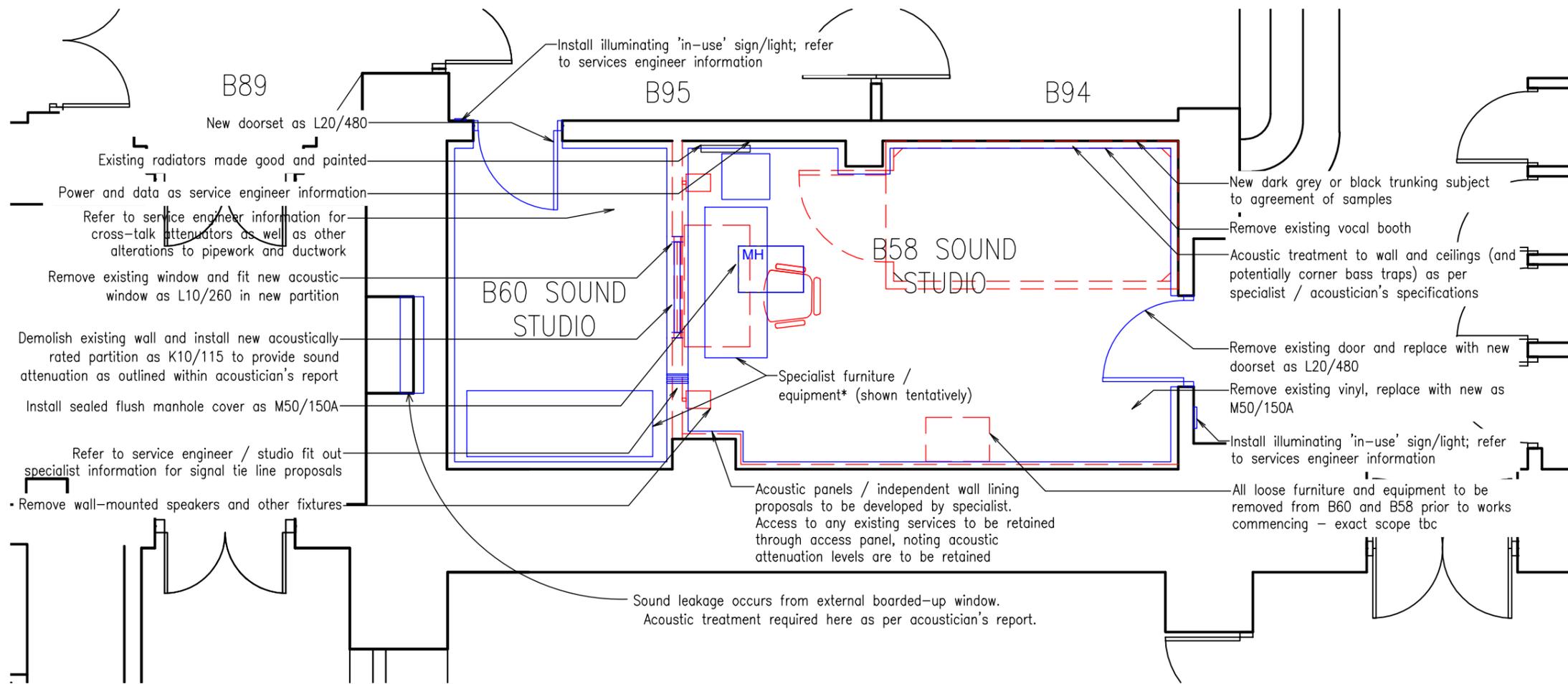
Acoustic survey required to determine ambient noise levels as well as determine extent of treatment required to services

### Sound Recording Studio B60



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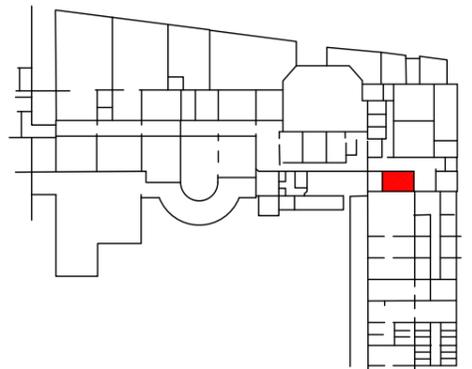
**3.00 Appendices – Architectural Information**



This drawing is to be read in conjunction with all relevant consultants' and specialists' drawings. Notify the Contract Administrator of any discrepancies before proceeding. Do not scale from this drawing. All dimensions are to be checked on site. This drawing is subject to copyright.

rev: T1 by: sg date: 18.04.2019 chk: jh

- Notes:
- Listed building consent is required prior to any works commencing in this area
  - An acoustician is required to provide attenuation levels between rooms B58 and B60, but also from external and corridor areas in. It has been noted that an existing window opening permits the transgress of noise into B60; acoustician to advise on required measures following an in-depth survey of the existing spaces. Acoustic testing is required post completion to verify that desired attenuation levels have been achieved.



**01 Proposed Plans - A1 B58 / B60 Sound Studio Refurbishment**

SCALE 1:50

Notes:

- Sound recording studio fit out by Miloco Builds (refer to Slade Academic Proposal document) has been referred to; proposals for specialist fit-out items, equipment and furniture to be developed by specialist consultant.
- Acoustic soundproofing treatment to be dark grey (or other colour) to prevent dust showing
- Material selections to be hardwearing and consistent
- It has been noted that as current, sound leaks into the studio from surrounding corridors, external spray booth areas and between the two studios. Pre-completion sound testing is required by the contractor to validate that studios achieve sound attenuation as required following completion of works.
- **Refer to acoustician's report for sound attenuation requirements**
- Refer to service engineer information for cross-talk attenuators between rooms B58 and B60
- Install dimmable lighting (refer to service engineer information)

- KEY
- Existing items
  - Relocated existing items
  - Items to be demolished or relocated
  - Items proposed

Read in conjunction with Design Report, Outline Brief Requirement and Change Control documents

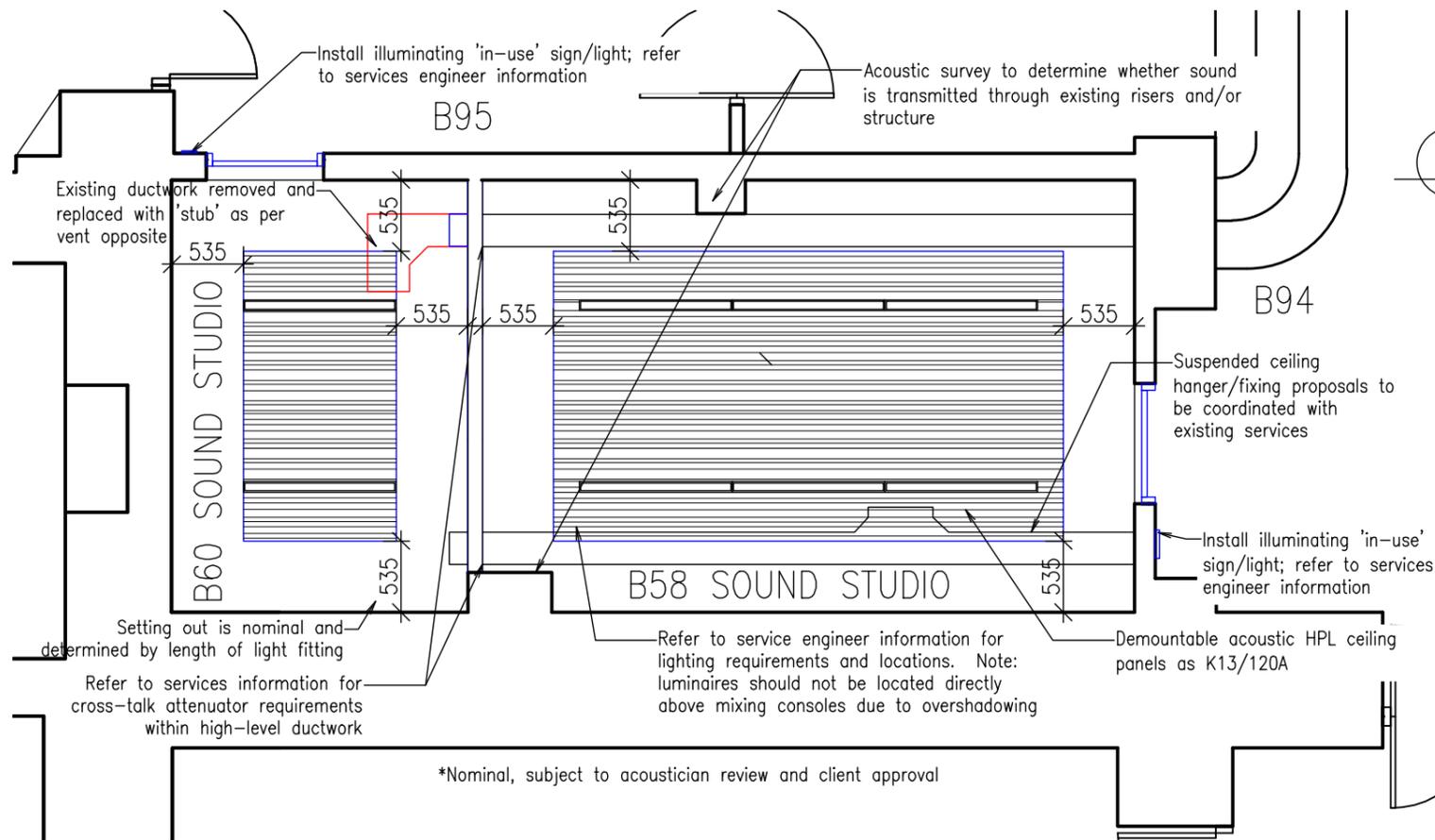
Works to be carried out in accordance with asbestos report & surveys and Planning and Listed Building Consents.

**WILSON MASON**

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**Proposed Plans – Basement Level  
Slade – Various Projects**

client <b>UCL</b>	project <b>SLASH Small Works 2018/19</b>
1:50 at a3	drawing <b>Proposed Plans - Basement Level 29-33. Slade School of Art</b>
for Information	6768 -29-33-L(-1)21 T1



## Proposed Plans - Sound Studio RCP Suggested Proposal (left)

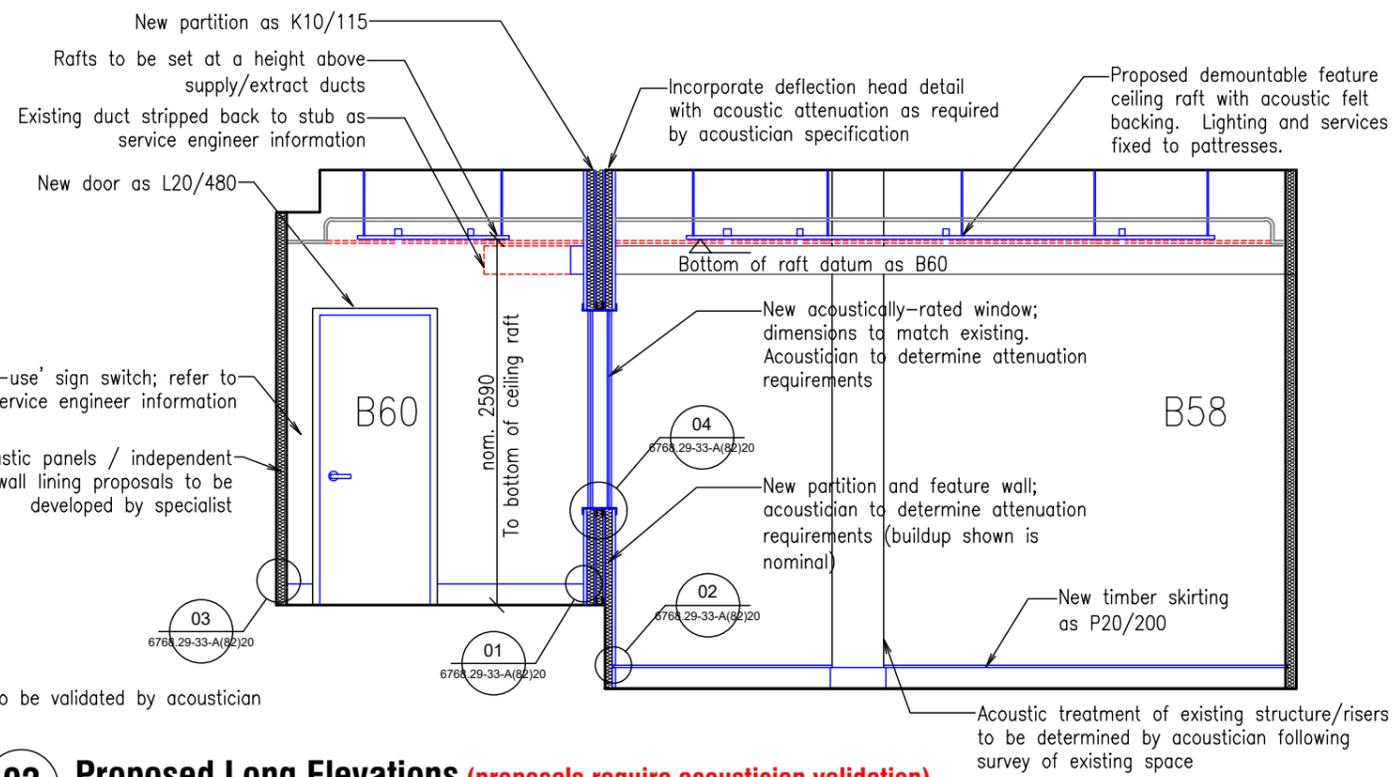
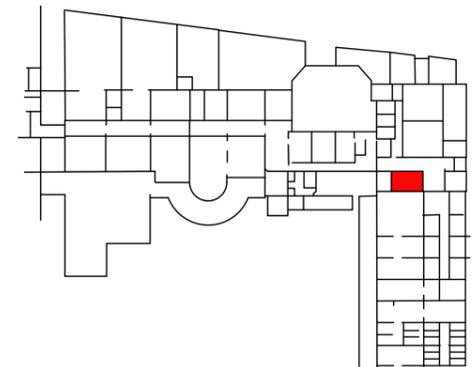
**01**  
SCALE 1:50

- Notes:
- Feature wall, ceiling and other acoustic products are shown indicatively and are for aesthetic and costing purposes only. These elements require further development and validation by an acoustician.
  - New partition, doors, and treatments to existing risers are to provide an airtight barrier with no gaps to achieve attenuation ratings specified by the acoustician.
  - Feature wall and ceiling slots and gaps are to align from wall to ceiling, so that the two read continuously
  - Light fittings to align from B58 to B60

This drawing is to be read in conjunction with all relevant consultants' and specialists' drawings. Notify the Contract Administrator of any discrepancies before proceeding. Do not scale from this drawing. All dimensions are to be checked on site. This drawing is subject to copyright.

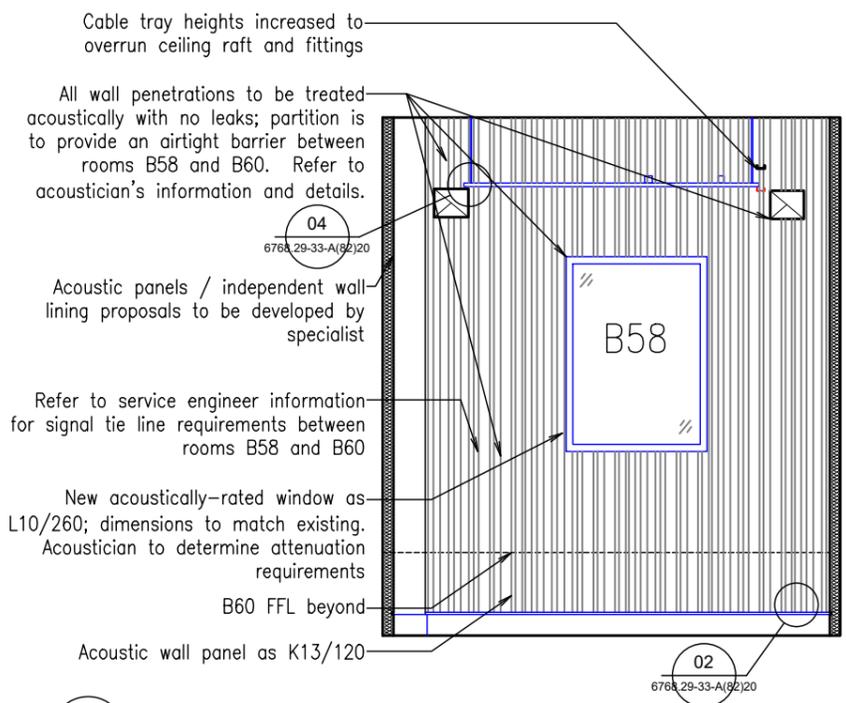
rev: T1 by: sg date: 18.04.2019 chk: jh

- Notes:
- Refer to drawing 6768.29-33-L(-1)21 for proposed general arrangement plan
  - The acoustic proposal shown is indicative for costing purposes only; this proposal is to be validated or otherwise developed by an acoustician or specialist. This may require further liaison with the client.
  - An acoustician is required to provide attenuation levels between rooms B58 and B60, but also from external and corridor areas in. It has been noted that an existing window opening permits the transgress of noise into B60; acoustician to advise on required measures following an in-depth survey of the existing spaces. Acoustic testing is required post completion to verify that desired attenuation levels have been achieved.



## 02 Proposed Long Elevations (proposals require acoustician validation)

SCALE 1:50



## 03 Proposed B58 Short Elevation

SCALE 1:50

- KEY
- Existing items
  - Relocated existing items
  - - - Items to be demolished or relocated
  - Items proposed

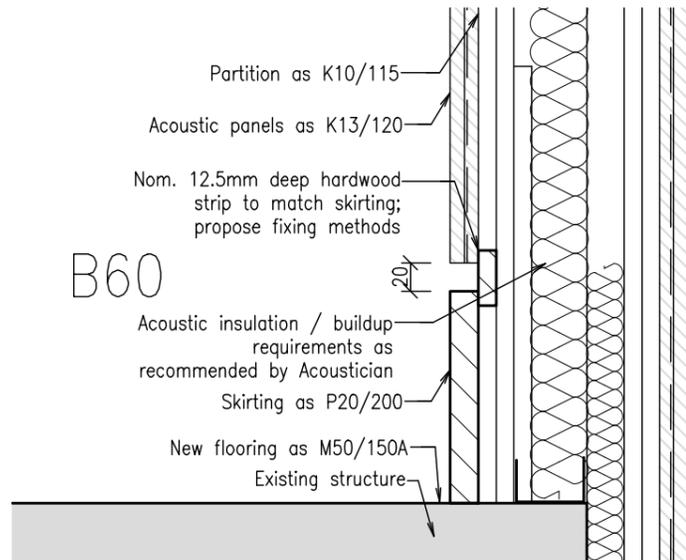
Read in conjunction with Design Report, Outline Brief Requirement and Change Control documents

Works to be carried out in accordance with asbestos report & surveys and Planning and Listed Building Consents.

# WILSON MASON

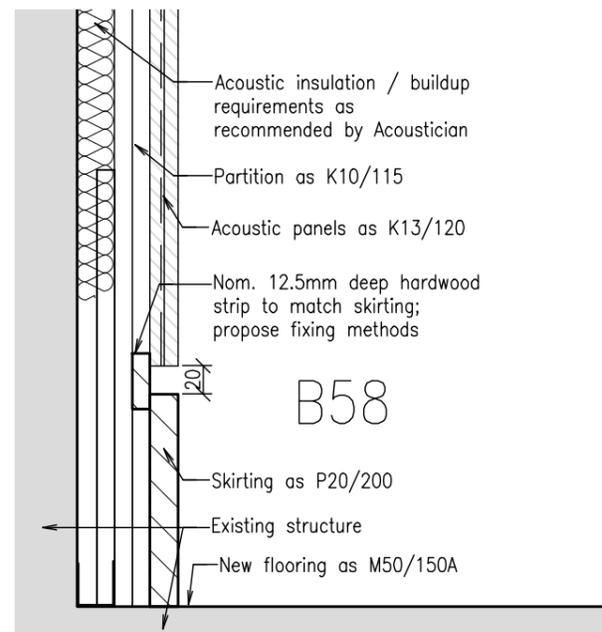
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client <b>UCL</b>	project <b>SLASH Small Works 2018/19</b>
	drawing <b>Proposed RDS - Basement Level 29-33. Slade School of Ar</b>
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for Information	<b>6768 -29-33-A(82)21 T1</b>



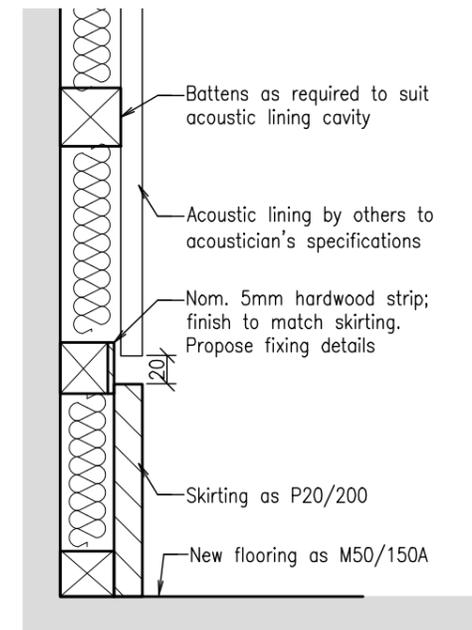
**01** Vertical Section - Skirting to feature wall in B60

SCALE 1:5



**02** Vertical Section - Skirting to feature wall in B58

SCALE 1:5



**03** Vertical Section - Indicative Typical Skirting Detail to Specialist Acoustic Lining

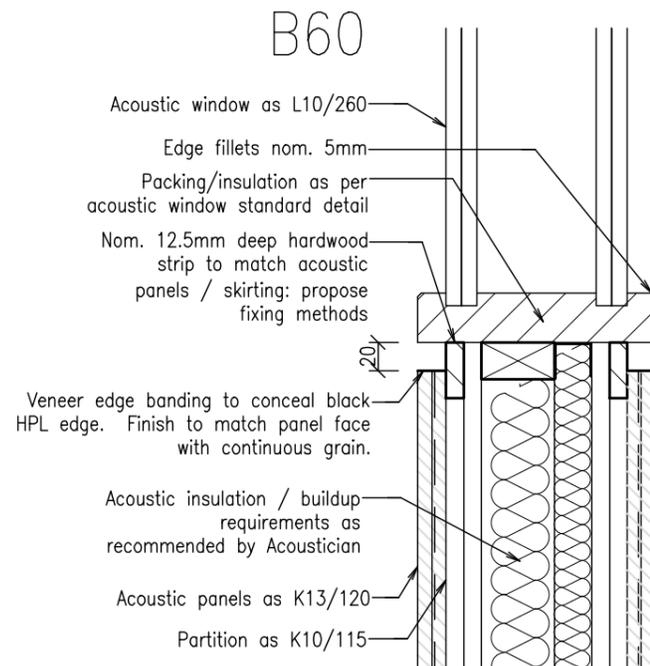
SCALE 1:5

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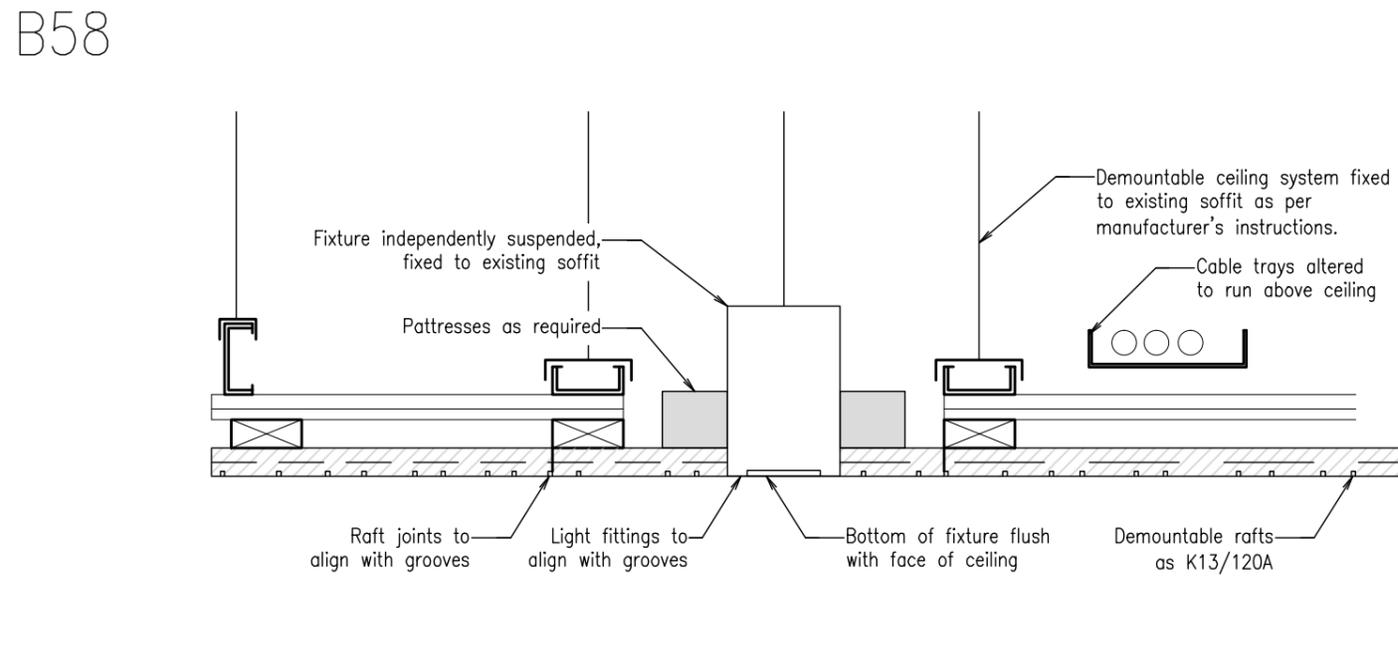
Notes:

- Refer to drawing 6768.29-33-L(-1)21 for proposed general arrangement plan and drawing 6768.29-33-A(82)21 for room data sheet
- Special attention is to be given to skirting fixing proposals to avoid warping of skirting due to expansion
- Details to be finalised / developed following acoustician specification and determination of chosen acoustic lining system
- Structural survey of existing structural soffit required to determine whether suspended ceiling and fittings can be supported
- Exact buildup of feature wall partition K10/115 is to be determined by an acoustician; proposals shown are indicative only**



**04** Vertical Section - Acoustic Window Sill

SCALE 1:5



**04** Vertical Section - Typical Fittings to Acoustic Ceiling

SCALE 1:5

Notes:

- Feature wall, ceiling and other acoustic products are shown indicatively and are for aesthetic and costing purposes only. These elements require further development and validation by an acoustician.**
- Feature wall and ceiling slots and gaps are to align from wall to ceiling, so that the two read continuously
- Light fittings to align from B58 to B60

Proposed Details – Slade Sound Studios Joinery Anthropology

Read in conjunction with Design Report, Outline Brief Requirement and Change Control documents

Works to be carried out in accordance with asbestos report & surveys and Planning and Listed Building Consents.

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client	project
UCL	SLASH Small Works 2018/19
	drawing
	Joinery Details 29-33. Slade Recording Studios
1:5 at a3	
for Information	6768 -27-A(82)20 T1