

Existing floor joists to be retained (270x60mm). Allow to strengthen in some areas as shown on Structural Engineer's information.

Allow to remove existing suspended ceiling being careful to avoid damage to adjoining walls and ensuring all electrical equipment has been isolated and removed before work begins.

Remove any plasterboard patch repairs to the structural soffit before proposed work begins. Re-plaster to match the existing in every respect.

Existing Detail B - Typical Floor Detail 1:5

Existing floor joists to be retained (270x60mm). Allow to strengthen in some areas as shown on Structural Engineer's information.

Install 100mm non-combustible and acoustic mineral wool thermal insulation (Rockwool Twin Roll or Rollbatt or equivalent) between existing joists. To be held in place by wire mesh fixed to underside of floor joists.

Existing ceiling height to be maintained and exposed services introduced.

Proposed Detail B - Typical Floor Detail 1:5

Carefully remove existing plywood floor - de-nail and cart away from site. Prepare for installation of new material as shown below.

Carefully remove existing ceiling boards - fabric is known to contain asbestos. A full Removal and Demolition survey is required before the works begin and asbestos material must be removed in controlled conditions by a specialist contractor before work begins in the gym.

Supply and install new engineered oak floor boards on 15mm plywood substrate over existing floor joists. Allow for osmo oil treatment to all oak boards. The contractor will be expected to fit the floor around all fixtures and fixings with minimum joints. Allow for a 10mm expansion joint at the junction with the wall to be concealed by boxing and skirting - where exposed seal with a mastic - colour to be confirmed. On completion, allow to apply a clear silicone sealant to all floor abutments and the like as required. Allow to provide new white games floor markings.

Install 2 fixed layers of 12.5mm fireline board to manufacturer's specification (British Gypsum or equivalent) with all joints staggered and a plaster skim finish to the ceiling of the gym.

Plasterboard to be fixed to existing floor joists with min 38mm drywall screws. Allow for 50x50 soft wood noggins to support any unsupported plasterboard.



Note:
Do not scale from this drawing.
Dimensions are to be checked on site.
If in doubt please ask.

Key:

- Existing fabric to be removed.
- Proposed fabric to be installed.

CDM risks:



Risk - Asbestos - Asbestos containing materials have been confirmed across the whole ceiling of the Gym. This MUST be removed by an ACM specialist operative before works begin. Contractor to consult the asbestos register when planning works. Ensure all asbestos is work areas is removed prior to work on site.



Risk - Falling debris and unstable ceiling - risk of falling debris during removal and unstable ceiling fabric during installation. Contractor to ensure temporary work and loose fabric is secured and consider using net supports if appropriate. Contractor ensure correct PPE is provided to those removing high level fabric.



Risk - Working at height - Contractor to ensure any tasks that can occur at ground level are arranged. Scaffolds are to be installed by specialist contractor. Principal contractor to ensure these are maintained and safe access is provided at all times.

P3	17/10/23 LU	Revised following review.
P2	17/10/22 LU	Revised following client review.
P1	29/09/22 LU	Revised following internal review.

Rev Date/Intls Details

© The moral rights of the author are hereby asserted.
This drawing and design is the sole property of Buttress Ltd and must not be reproduced without permission.
Buttress Ltd is Registered in England and Wales; 5363573

Buttress

41 Bengal St
Manchester
M4 6AF

T 0161 236 3303
E contact@buttress.net
W www.buttress.net

Project Title	CSM - Whiteley Hall
Client	Chetham's School of Music
Location	Manchester

Drawing Title Typical Floor Detail

Date	12/08/22	Scale	1:5 & 1:100
Checked	LU	Orig Paper Size	A3

Status **PLANNING/LBC**

Drawing ref	Job No	Drawing No	Revision
9357 BA	ZZ 1F	DR A	(23)001 P3

Detail location Key:

