The following information shall be included in specifications prepared for use on all University of Cincinnati construction and renovation projects. This information is supplemental and not intended to be a complete specification.

GENERAL STANDARDS

General Criteria

**Acoustical Materials** – Mineral fiber lay-in type acoustic ceilings shall be specified. Panels shall be a minimum of 5/8 inch thick (with the exception of the 9/16” thick Ultima tile), and maximum panel size shall be 2’-0” x 4’-0”. Other size panels may be used subject to review and approval by the university project manager.

**Ceiling Grid** – All suspension systems shall be 15/16” exposed grid. Avoid the use of either concealed-spline systems or 9/16” narrow tee bar systems.

Use one of the following ceiling grids:
- Armstrong Prelude 15/16” exposed suspension system
- USG DX/DXL 15/16” exposed suspension system

In high-humidity and some labs, use non-corrosive aluminum, stainless steel or fiberglass grids:
- Armstrong AL Prelude or USG/AL/XL A aluminum 15/16” exposed suspension system
- Armstrong SS Prelude or USG SS stainless steel 15/16” exposed suspension system
- Fiberglass FRP – Sanigrid II – Crane Composites; FRP – Keel Manufacturing; or equal

In clean-room controlled environments, use factory-applied foam-gasket system:
- Armstrong or USG CD 15/16” exposed suspension system

**Ceiling Panel Recommendations** – Mineral fiber lay-in type acoustic ceiling panels shall be minimum 5/8” thick. Traditional sizes, 2’x2’ and 2’x4’ systems are acceptable.

Whenever possible, attempt to use one of the following ceiling panels:

**Panel**
- Armstrong Cirrus, Item #584 – 24”x24”x3/4”, angled tegular edge
- Armstrong Cirrus, Item #535 – 24”x48”x3/4”, angled tegular edge
- Armstrong Cortega, Item #770 – 24”x24”x5/8”, square edge
- Armstrong Cortega, Item #704 – 24”x24”x5/8”, angled tegular edge
- Armstrong Cortega, Item #769A – 24”x48”x5/8”, square edge
- Armstrong, Ultima, 24x24x5/8”, beveled tegular 9/16 inch

EXECUTION STANDARDS

**Preparation & Coordination**

**Coordination with work of other trades** - Ceiling panels may be laid only after ALL work, including telephone wiring, LAN, and communication wiring has been completed above the ceiling.
Construction & Installation

**Suspension Systems** - Ceiling suspension systems shall be supported directly from the building structure. Light fixtures shall be supported from building structure and not by the acoustical ceiling.

1. The use of interlocking spine ceiling systems is prohibited.
2. Do not use suspended acoustical ceilings in areas where ceiling height is less than 8’-0”.
3. Suspension systems in areas with high humidity shall be aluminum or electro-galvanized steel with aluminum top cap.

**Attic Stock** - Submit extra material for all types of acoustical ceilings. Extra material should be full cartons equal to at least 20 tiles.

--- END OF SECTION ---