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Chapter 5 – Technical Construction and  
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### 074213 - Metal Wall Panels

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## SECTION 07 4213 - METAL WALL PANELS

### 1.1 SUMMARY

- A. The University prefers to use regional materials within a 500 mile radius of the campus.
- B. Section Includes:
  - 1. Formed metal copper wall panels at exterior walls.
  - 2. Fabricated copper louvers to match metal wall panels.

### 1.2 SUBMITTALS

- A. LEED Submittals:
  - 1. Product Data for Credit MR 4.1 and Credit MR 4.2: Indicate percentages by weight of postconsumer and preconsumer recycled content for products having recycled content.
    - a. Include statement indicating costs for each product having recycled content.
  - 2. Product Data for Credit MR 5.1 and Credit MR 5.2: For regional materials indicating location and distance from Project of material manufacturer and point of extraction, harvest, or recovery for each raw material.
    - a. Include statement indicating cost for each regional material and the fraction by weight that is considered regional.

### 1.3 QUALITY ASSURANCE

- A. Custom-Fabricated Sheet Metal Wall Fabricator/Installer Qualifications: Shop that employs skilled workers who custom-fabricate sheet metal work similar to that required for the project and whose products have a record of successful in-service performance with a minimum of three (3) projects similar in scope.
- B. Fire-Resistance Ratings: Where indicated, provide metal wall panels identical to those of assemblies tested for fire resistance per ASTM E 119 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

### 1.4 PANEL MATERIALS

- A. Copper Sheet: ASTM B 370; temper H00, cold-rolled, except where temper 060 is required for forming; not less than 20 oz./sq. ft.
  - 1. Manufacturer: Revere Copper.
  - 2. Finish: Natural Copper.

- B. Approved Fabricators/Installers: Provide shop-fabricated copper panels fabricated and installed by one of the following:
1. Crocker Architectural.
  2. Gilbert and Becker.
  3. Oak.

END OF SECTION 07 4213