SECTION 09511 - ACOUSTICAL PANEL CEILINGS

1.1 SUMMARY

A. Acoustical panels and non-fire-resistance-rated exposed suspension systems.

B. Concealed spline ceilings are not used.

1.2 SUBMITTALS

A. Coordination Drawings.

B. Research/evaluation reports.

1.3 QUALITY ASSURANCE

A. Acoustical Panel Standard: ASTM E 1264.

B. Metal Suspension-System Standard: ASTM C 635.

1.4 FIELD QUALITY CONTROL

A. Testing Agency: Owner employed.

1.5 PERFORMANCE CRITERIA

A. NRC .50 minimum in non-patient care areas.

B. NRC .90 minimum in Corridors and Nurse’s Stations core areas located in patient care areas.

C. Flame spread 10-15, Federal Spec. for class A.

D. Lighting reflective not less than 0.75.

2.1 MANUFACTURERS AND MATERIALS

A. Acceptable panels: Armstrong

1. Cortega, no. 747 (24 in. x 48 in. x 5/8 in.).
2. Cortega, no. 770 (24 in. x 24 in. x 5/8 in.).
3. Clean Room Mylar, no. 1716 (24 in. x 48 in x 3/8 in.).
4. Clean Room Mylar, no. 1715 (24 in. x 24 in x 3/8 in.).
5. Optima, open plan no. 3314 (24 in. x 48 in x 1/2 in.) with foil backing, painted edge, in Corridors and Nurse’s Stations core areas located in patient care areas.
6. Optima, open plan no. 3315 (24 in. x 24 in. x 1/2 in.) with foil backing, painted edge, in Corridors and Nurse’s Stations core areas located in patient care areas.
B. Acceptable Grid

1. Armstrong.
2. Chicago Metallic Corporation.

3.1 GENERAL INSTALLATION ISSUES

A. Height: min. 8 ft. 0 in.

B. Layout: Medical Center corridors – 24 in. x 48 in. with 12 in. x 48 in. fluorescent fixtures installed perpendicular to corridor on 10, 12 or 14 ft. centers.

END OF SECTION 09511