SECTION 08520 - ALUMINUM WINDOWS

1.1 SUMMARY

A. Aluminum Windows:
   1. Awning: Architectural grade.
   2. Casement: Architectural grade.
   5. Projected: Architectural grade.

1.2 PERFORMANCE REQUIREMENTS

A. Design Wind Velocity: 90 mph (40 m/s).
B. Thermally improved construction.
C. Requirements: AAMA 101.

1.3 QUALITY ASSURANCE

A. Mockups for each form of construction.
B. Medical Center Style is Center Pivot with sight lines to match surrounding area.
C. Helen Wood Hall style is Single Hung with screen, sight lines to match existing area.
D. River Campus Sight Lines to match surrounding area and surrounding buildings. Must be approved by the University Architect.

1.4 WARRANTY

A. Materials and Workmanship: Ten years.
B. Metal Finishes and Glass: Ten years.

1.5 MATERIALS

A. Insert Screens: Aluminum wire , or Glass fiber mesh, where indicated. Must be approved by the University Facilities Director.

B. Hardware:
   1. Operator: Gear-type rotary, Push-bar type, or Crank type.
C. Glazing: Factory preglazed.

D. Finishes: Class II, clear anodic, Class I, clear anodic, Class II, color anodic, or High-performance organic coating. Color to match existing and be approved by the University Architect.

1.6 FIELD QUALITY CONTROL

A. May require Testing Agency for On-Site Tests for Air and Water Infiltration: Contractor employed.

END OF SECTION 08520