PART 1 GENERAL

1.1 Design Guidelines

1. Sliding, projected or hopper type units are preferred. Use of double hung or casement windows are to be approved by WMU design team.

2. Window 36 inches wide or less are preferred for optimal hardware performance. Comply with applicable codes for egress requirements.

3. All windows are to be operable for ventilation and ease of cleaning. Work such as re-glazing, cleaning or re-screening must be able to be done from the room side.

4. Tinted glazing of bronze or grey colors is preferred.

5. Window controls are to be operable with one hand. Maximum force to operate controls shall be 5 ft-lbs.

6. Consider effect of daylighting and solar orientation on building energy use. See Division 16 for photometric and occupancy sensors.

1.2 Performance Standards

1. Minimum quality standard is to be AAMA HC-50 or better.

2. Maximum U value for units to be 0.65. Perform a building life cycle analysis to determine if lower values are cost effective.

PART 2 PRODUCTS

2.1 System Description

1. Extruded aluminum windows, minimum 0.125 wall thickness, thermally broken framing.

2. Units with 1” insulated glazing.

3. Hardware: Cam locks are preferred on units

4. Sealants: Perimeter and glazing sealants; See Section 07900.

5. Screens: Aluminum or fiberglass cloth.

6. Finishes: Anodized or electrostatically painted finishes.

2.1 Acceptable Manufacturers

1. Kawneer

2. Efco
3. Traco