

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Glazed aluminum curtain wall.

1.2 WARRANTY

- A. General Warranty: The special warranty specified in this Article shall not deprive the University of other rights the University may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Design/Builder under requirements of the Contract Documents.
- B. Special Warranty: Submit a written warranty executed by the manufacturer agreeing to repair or replace components of a glazed aluminum curtain wall system that fail in materials or workmanship within the specified warranty period. Failures include, but are not limited to, the following:
 - 1. Structural failures including, but not limited to, excessive deflection.
 - 2. Noise or vibration caused by thermal movements.
 - 3. Failure of system to meet performance requirements.
 - 4. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 5. Failure of operating components to function normally.
 - 6. Water leakage.
 - 7. Glazing breakage.
- C. Warranty Period: 2 years from date of Notice of Completion.
- D. Warranty Period for Fluoropolymer Finish: 5 years from date of Notice of Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Vistawall Architectural Products (Basis-of -Design)
 - 2. Moduline Window Systems
 - 3. Tubelite, Inc.
 - 4. Kawneer
 - 5. Arcadia
 - 6. U.S. Aluminum
 - 5. Or equal.

PART 3 - EXECUTION

3.1 GENERAL

- A. Install as required to maintain manufacturer's warranty.

3.2 FIELD QUALITY CONTROL

- A. Testing Agency: University will engage a qualified independent testing agency to perform testing indicated.
- B. Water Penetration: Test areas of installed system indicated on Drawings for compliance with system performance requirements according to ASTM E 1105 at minimum differential pressure of 20 percent of inward acting wind-load design pressure as defined by ASCE 7, "Minimum Design Loads for Buildings and Other Structures," but not less than 6.24 lbf/sq. ft.
- C. Water Spray Test: After completing the installation of 75-feet-by-2-story minimum area of glazed aluminum curtain wall system, test system for water penetration according to AAMA 501.2 in a 2-bay area directed by Design/Builder.
- D. Repair or remove Work that does not meet requirements or that is damaged by testing; replace to conform to specified requirements.

END OF SECTION