

DIVISION 7**THERMAL AND MOISTURE PROTECTION****1.1 DESIGN CRITERIA**

- A. Comply with the Dartmouth Design and Construction Guidelines as established in this Section and through consultation with the Dartmouth Project Manager.

1.2 GUIDELINES**A. Section 07 10 00 - Waterproofing and Dampproofing**

- 1. Geotechnical Reports: Review recommendations for waterproofing and dampproofing. Occupied spaces below grade require waterproofing.

B. Section 07 20 00 - Thermal Protection

- 1. Policy: Comply with Dartmouth "High Performance Energy Policy" recommendations. R30 at walls and R60 at roofs is preferred.

C. Section 07 30 00 - Sloped Roofing

- 1. Snow Guards or Snow Fence with Ice Flags: Engineered shop drawings required; stamped by structural engineer licensed in New Hampshire.

D. Section 07 42 00 - Metal Panels

- 1. FM Global: Comply with FM Global Requirements. FM Global review and comments are required at significant milestones. Review with the Dartmouth PM.

E. Section 07 50 00 - Membrane Roofing

- 1. FM Global: Comply with FM Global Requirements. FM Global review and comments are required at significant milestones. Review with the Dartmouth PM. Determine a RoofNav number during the construction documents phase of the project and include in the specifications.
- 2. Roofing Membrane: EPDM or PVC typical; discuss color with the Dartmouth PM.
- 3. Roofing Warranty: Minimum 20 years.
- 4. Walkway Pads to Equipment: Required; include layout in construction documents.

F. Section 07 81 00 - Applied Fireproofing

- 1. FM Global: FM Global listed products.

G. Section 07 84 00 - Firestopping

- 1. FM Global: FM Global listed products.

END OF DIVISION