07 72 00 – Roof Accessories
DIVISION 7 – Thermal and Moisture Protection

STATEMENT OF PURPOSE & BACKGROUND

- Scope:
  - Roof hatches, equipment rails, and other fall protection systems for roof access and safety compliance.
  - Refer to section 05 50 00 Metal Fabrications for Roof Ladders.

- Statement of goals:
  - Provide consistent, high quality materials and systems that:
    - Minimize maintenance
    - Are durable, consistent with their use
    - Comply with all applicable codes and OSHA requirements

- Revision history of section:
  - 06/20/18 (date of adoption)
  - 05/05/21

OUTLINE SPECIFICATION

- Part 1 General
  - Product delivery & storage
    - Transport, handle and store products in a manner which will keep materials dry and prevent damage.

- Part 2 Products
  - Heat Trace/Tape:
    - If heat trace/tape is used or specified for roof systems, it shall generally be installed only at primary scuppers. Verify with Owner if other locations are under consideration for heat trace/tape.
  - Roof Hatches:
    - Acceptable Manufacturers:
      - Babcock-Davis
      - Bilco Company
      - JL Industries Inc.
      - Milcor Inc.
      - Dur-Red Products
      - Equivalent manufacturers approved, in writing, in advance, by the Architect, may be substituted in accordance with the provisions of the Contract.
    - Hatch Type and Size: single leaf, 30 by 54 inches.
    - Factory-assembled steel frame and cover, complete with operating and release hardware.
    - Mounting: Provide frames and curbs suitable for mounting on flat roof deck.
    - Provide insulated thermally-broken frame and cover.
    - Hardware: Spring operators, hold-open arm with vinyl-coated handle for manual release, spring latch with turn handles, heavy duty pintle type hinges, padlock hasp on interior.
o Safety Railing System:
  ▪ Roof hatch manufacturer’s standard system including rails, clamps, fasteners, and self-latching gate at railing opening.
  ▪ Attach to roof hatch per manufacturer’s specification and authorities having jurisdiction.

o Roof Edge Fall Protection System:
  ▪ Non-penetrating guardrail system, designed to be a permanent or portable system.
  ▪ Finishes: Powder Coat Safety Yellow or Galvanized
  ▪ Acceptable manufacturers:
    • Dakota Safety, 1-866-503-7245
      o Safety Rail 2000 system, OSHA compliant
    • Garlock Safety, 1-877-791-4446
      o RailGuard 200 Safety Guardrail, OSHA compliant
    • Equivalent manufacturers approved, in writing, in advance, by the Architect, may be substituted in accordance with the provisions of the Contract.

• Part 3 Execution
  o Per Consultant and / or manufacturer specification.

End of Section