

**DRY FLOOD PROOFING
FOUNDATION DETAILS**
3/4" = 1'-0"

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ARCHITECT



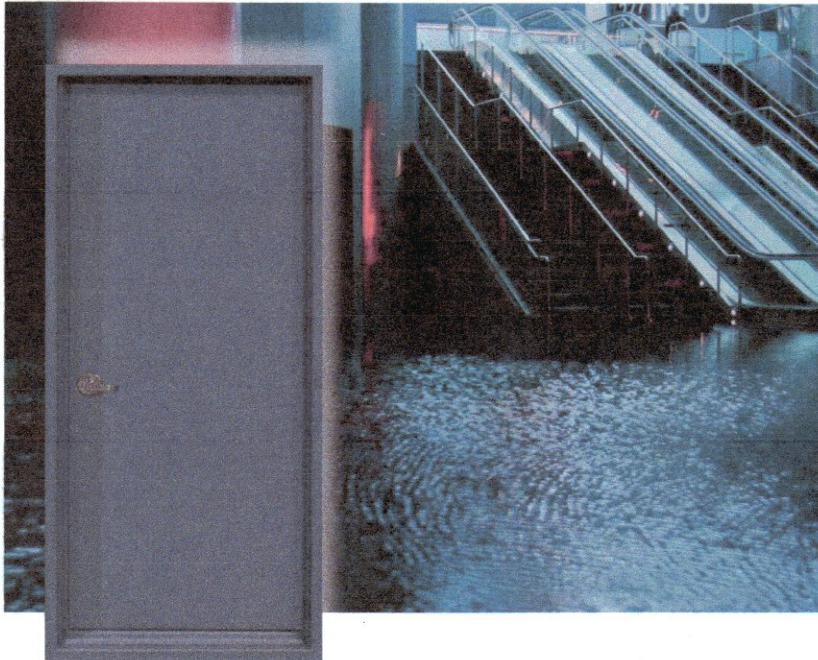
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**ADDITIONS AND RENOVATIONS
TO
J. HUTCHINS INC.**
88 ROGERS LANE
RICHMOND VERMONT

MAY 13, 2022

Flood Resistant Opening



Factory Mutual Global studies have shown that flooding costs companies an average of \$2-\$3 billion in losses annually worldwide making it the most costly natural hazard globally. Because of this staggering figure, Ceco Door is proud to add a Flood Resistant Opening to our specialty product line. This dry flood proofing system is intended to be used in environments where a facility is at risk for flooding. The opening is designed and tested to keep flood water depths up to 36" from entering critical buildings and limiting interior damage.

The Ceco Flood Resistant Opening has been tested to the American National Standard for Flood Abatement Equipment ANSI/FM Approvals 2510-2014 section 4.3.3. This is a passive system that can protect against flood waters at any time while closed. Flood openings should be installed in a seated position (water pressure against the pull side of the door).

Applications:

- Pump rooms
- Mechanical and electrical rooms
- Flood prone areas
- Metro transit
- Marinas
- Aquariums
- Waste water treatment

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Flood Resistant Opening Features:

- Tested for water depths up to and including 36" to standards set forth by ANSI/FM Approvals 2510-2014 (section 4.3.3.) not exceeding maximum allowable water
- Up to and including 3'0"x7'0" size openings
- Passive flood assembly consists of flood resistant door, frame and perimeter seal system and 1 year warranty

Door:

- Single flush steel stiffened with continuously welded edge seams
- 16 - 12 gauge face sheets with A60 steel standard or G90 steel optional
- Optional stainless steel construction also available
- 10" x 10" vision light available

Frame:

- 4 sided continuously welded
- 14 - 12 gauge frames with A60 steel standard or G90 steel optional
- Stainless steel also available
- Must be fully grouted and caulked by others

Hardware/Seal System:

- Tested with cylindrical lock and three heavy weight hinges. Other hardware preps are available. Hardware by others
- EDPM adjustable rubber perimeter seal system with retainer clips included with the assembly