

## FLOOD PROOFING – STATE OWNED BUILDINGS

### FIELD DATA SUMMARY SHEET

**Building No.:** 06026(Old No. 5021)  
134 State Street Visitor Center  
**Location:** Montpelier Complex

**Total No. of Floors:** 2  
(Floors including basement – 3)

**Gross Floor Area:** 3,048 sq ft

**Rentable Area:** 2,409 sq ft

**100-Year Flood Elev.** 524.5

**Lowest Level Floor Elev.** 519.7

**First Floor Elev.** 522.2

**Type of Structure:** Wood frame structure with stone and mortar foundation. Basement walls constructed of stone and mortar, floor concrete and dirt.

**Primary Area Usage:** Visitor Center is the primary usage of all floors except the basement floor. Basement primary usage is for utilities.

#### **Primary Flood Damage:**

Electrical distribution panel mounted on the wall, +/- 48 inches above basement floor.

Plumbing, water heater on basement floor. It appears this building sewer line is connected directly to the City sewer system, potential for flood damage associated with sewer lines backing up.

Heating condensate pump located on the basement floor. Heat circulation pump +/- 36 inches above the floor.

Communication panel mounted on wall, +/- 36 inches above the floor.

Restroom on first floor, potential floodwater damage from sewer line backing up.

A/C unit on 2 inch concrete pad in basement.

Sump pump on basement floor.

#### **Potential Methods for Damage Reduction:**

Install back-flow valve of the sewer line for this building, typically toilets, sinks and floor drains below the 100-yr flood elevation require back-flow valve installation. Back-flow valve installation prevents flood damages associated with sewer line backing up into building.

Due to the depth of flooding, dry-floodproofing and wet-floodproofing are not applicable at this building.

Another option available for reducing flood damages to this State Building is:

- Elevate the entire building and moving utilities above the 100-year elevation



Montpelier Complex – 134 State Street (Date: June 2006)