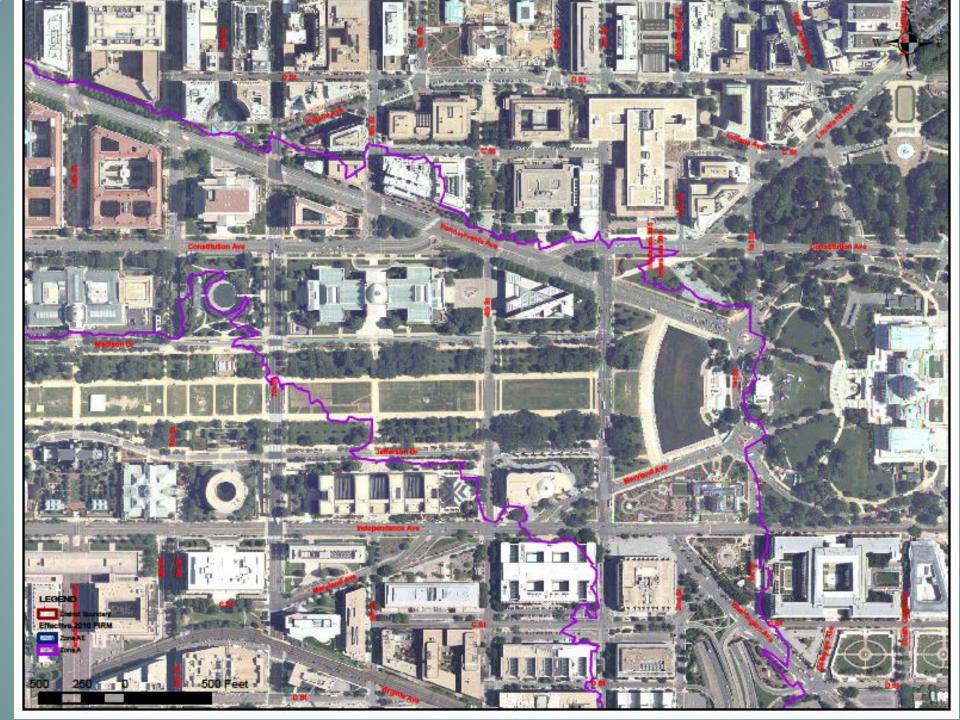
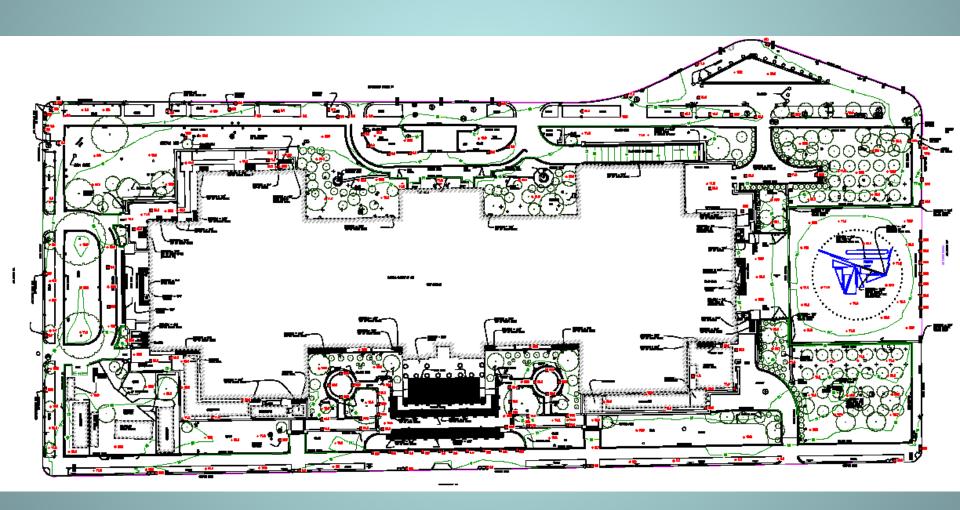
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# Flood Prevention Projects Post June 2006 Flood

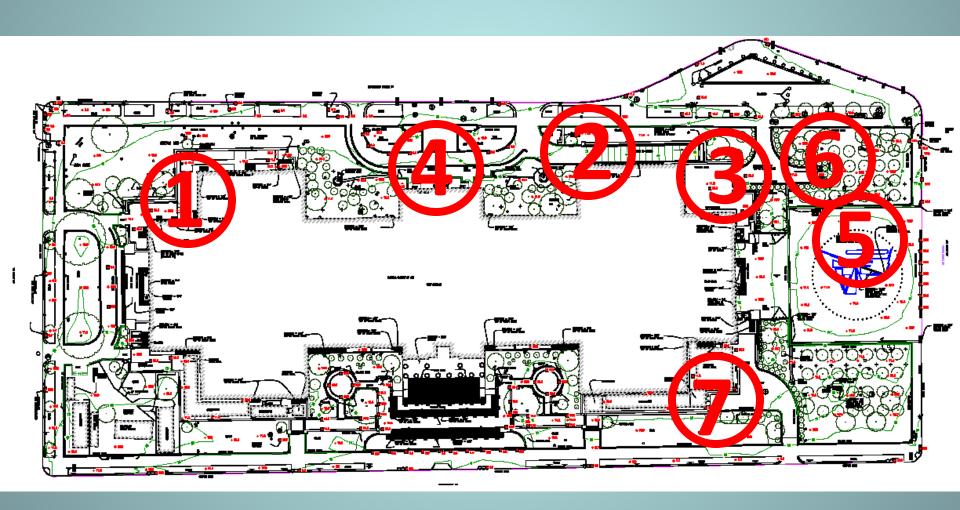
David Samec, P.E., CFM
Chief of Facilities



#### **Step 1: Survey Elevations**



#### **Step 2: Assess Areas of Highest Risk**

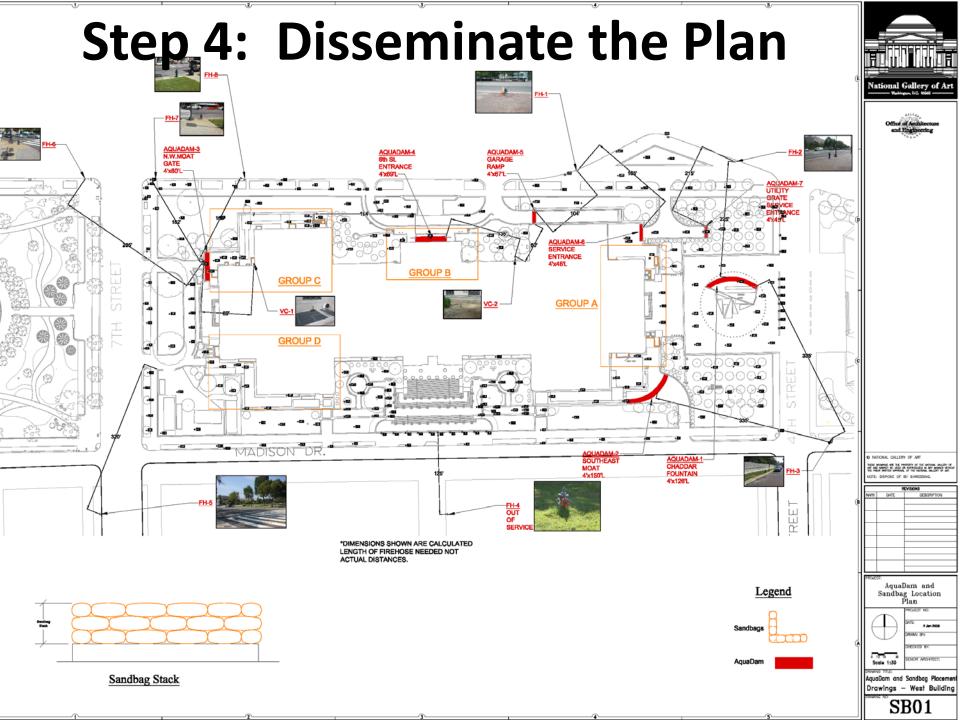


#### Step 3: What to Use?





Water-filled cofferdams Water-absorbing gel bags



#### **Step 5: Caches and Pre-Positioning**



### **Step 5: Caches and Pre-Positioning**





#### Step 6: Deployment of Aqua Dam

# Completed Aqua Dam at 7<sup>th</sup> Street Moat Entrance



## **Aqua Dam Increased Facility Entrance Flood Elevations as Required for Event**



#### **Lessons Learned**

- Aqua Dams and Gel Bags do work
- Planning and Rehearsal are necessary
  - Do not wait for an event to happen
- There may be other alternatives since
   2006 that are feasible, easier, and less

expensive to use

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