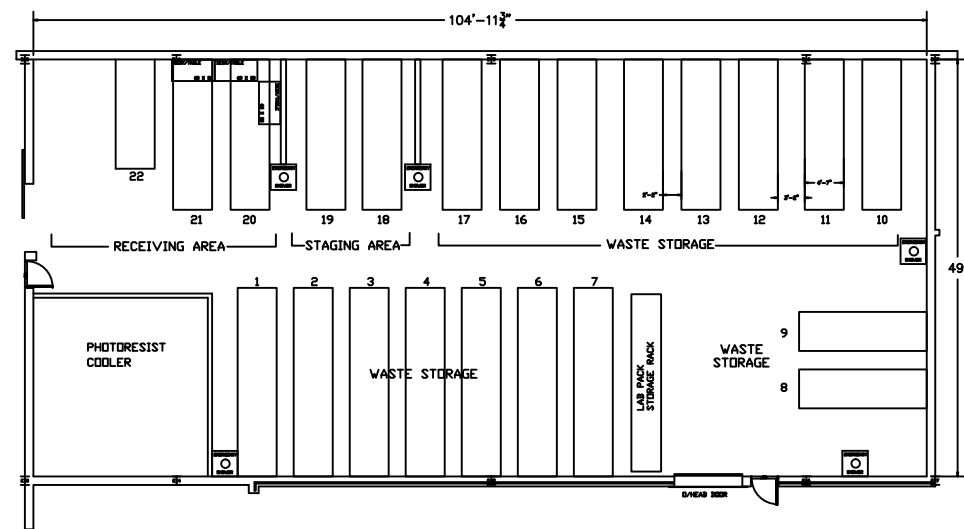


## **APPENDIX D**

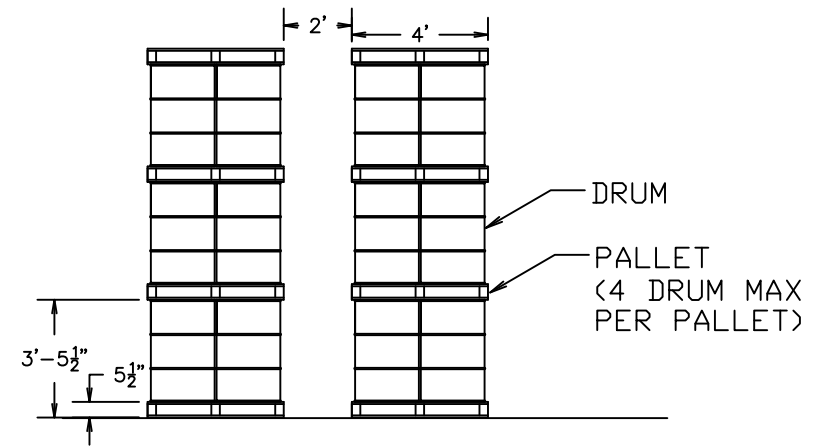
### **FIGURES**



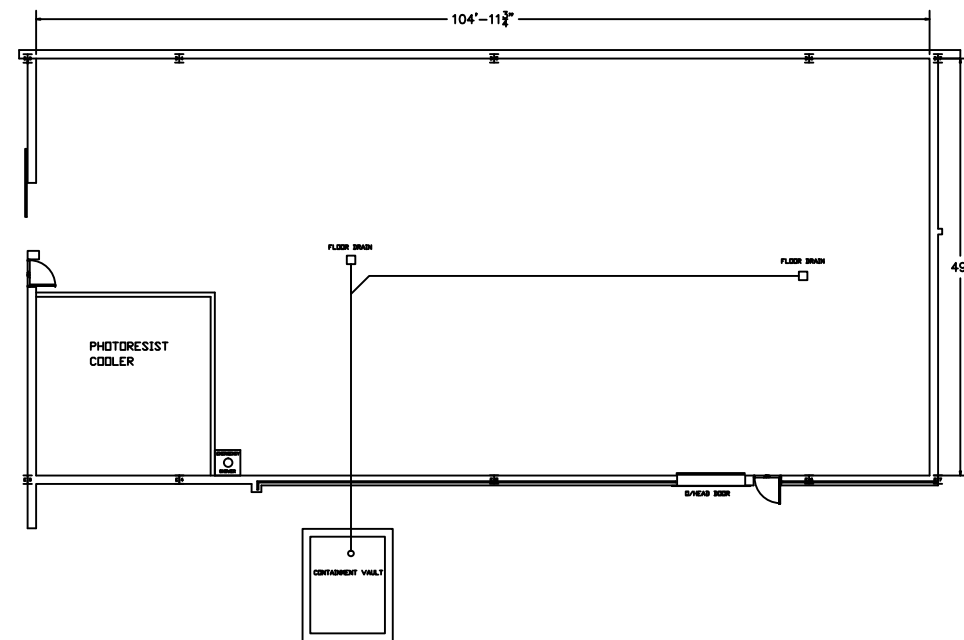


NOTE:  
MINIMUM DISTANCE BETWEEN  
STORAGE AISLES IS 26".  
STORAGE AISLES ARE A  
UNIFORM 55" WIDE.

FLOOR LAYOUT



CONTAINER STORAGE DETAIL



DRAINAGE



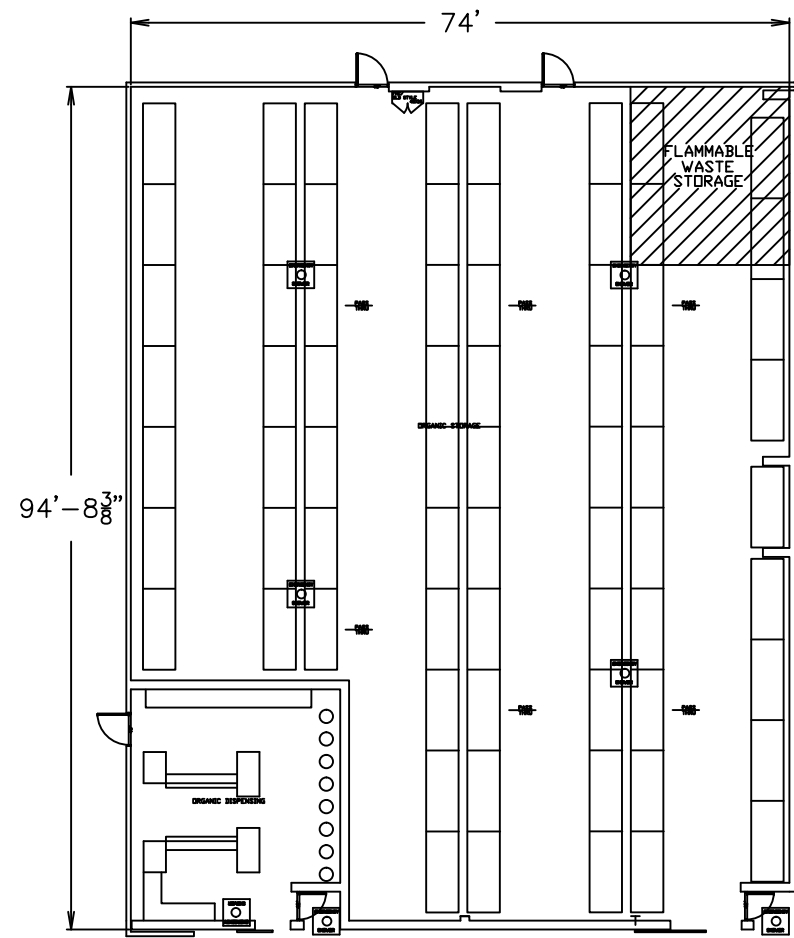
SECTION VIEW

Figure D-1-1

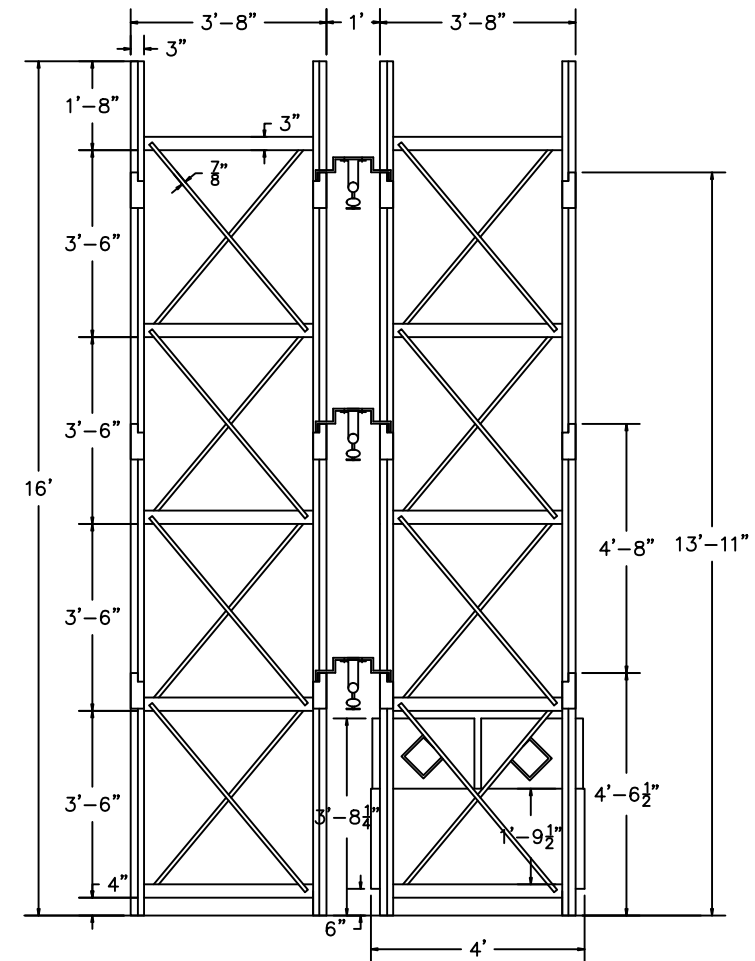
**CDC Waste Storage Room**

GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
HAZARDOUS WASTE FACILITY PERMIT



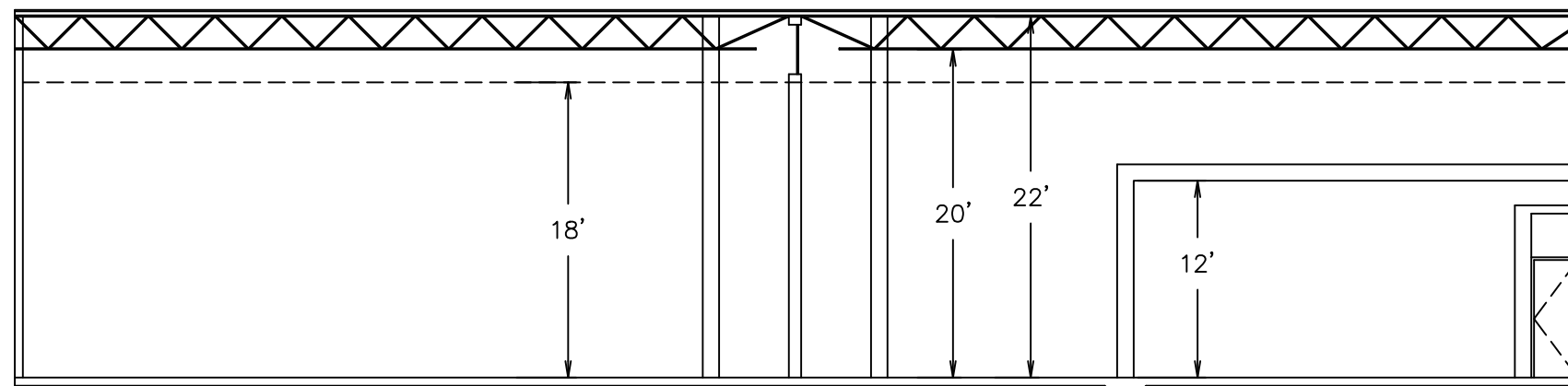


STORAGE ROOM LAYOUT



STORAGE RACKS

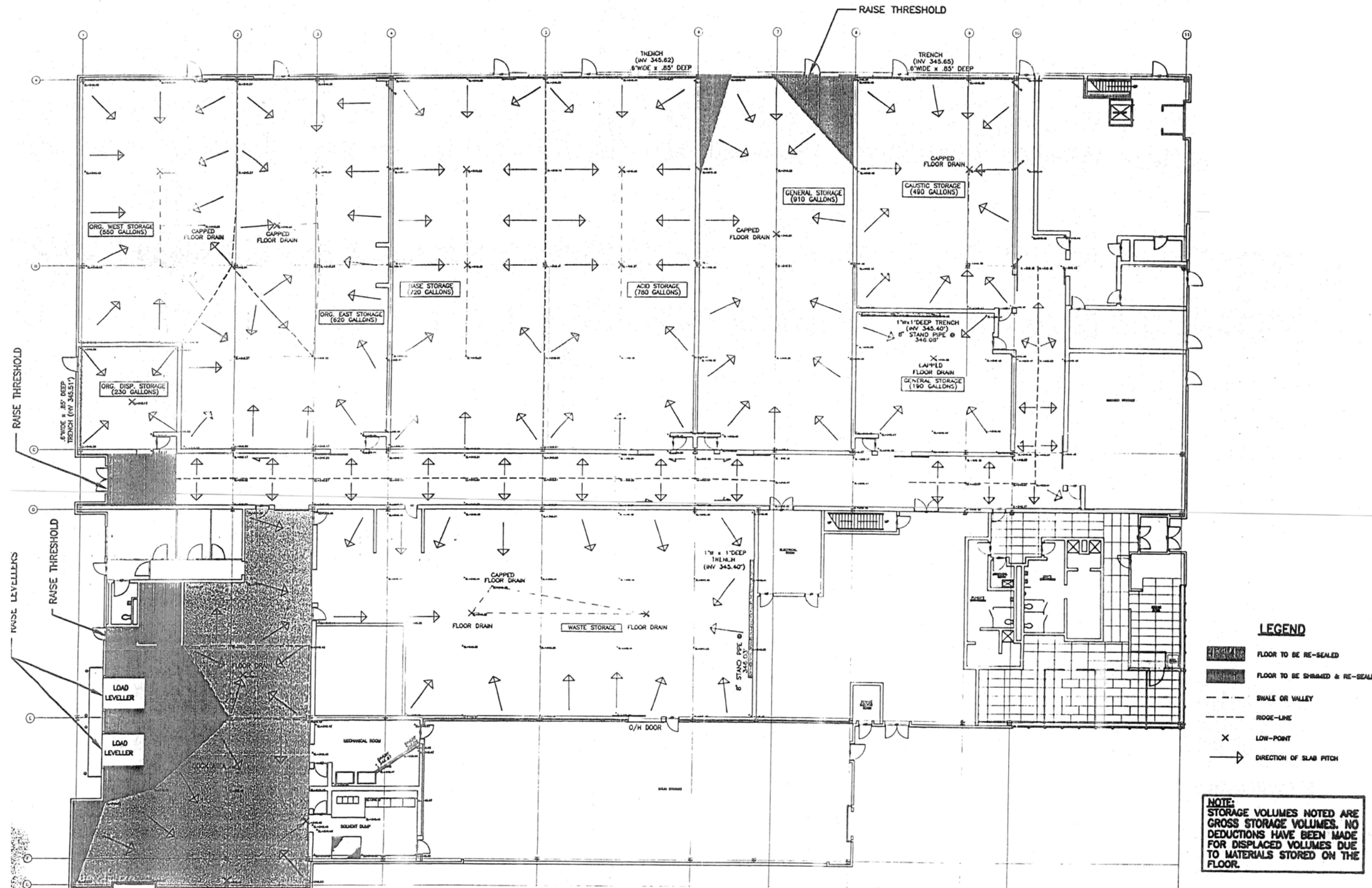
NOTE:  
 12" SPACE BETWEEN BACK TO BACK UPRIGHT TRUSSES  
 6" SPACE BETWEEN UPRIGHT TRUSS AND WALL



STORAGE ROOM- SIDE VIEW

Figure D-1-2  
**CDC Organic Storage Room**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT





- LEGEND**
- FLOOR TO BE RE-SEALED
  - FLOOR TO BE SHIMMED & RE-SEAL
  - SHALE OR VALLEY
  - RIDGE-LINE
  - LOW-POINT
  - DIRECTION OF SLAB PITCH

**NOTE:**  
STORAGE VOLUMES NOTED ARE GROSS STORAGE VOLUMES. NO DEDUCTIONS HAVE BEEN MADE FOR DISPLACED VOLUMES DUE TO MATERIALS STORED ON THE FLOOR.

974-1

Figure D-1-3  
**CDC Floor Sloping Detail**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT





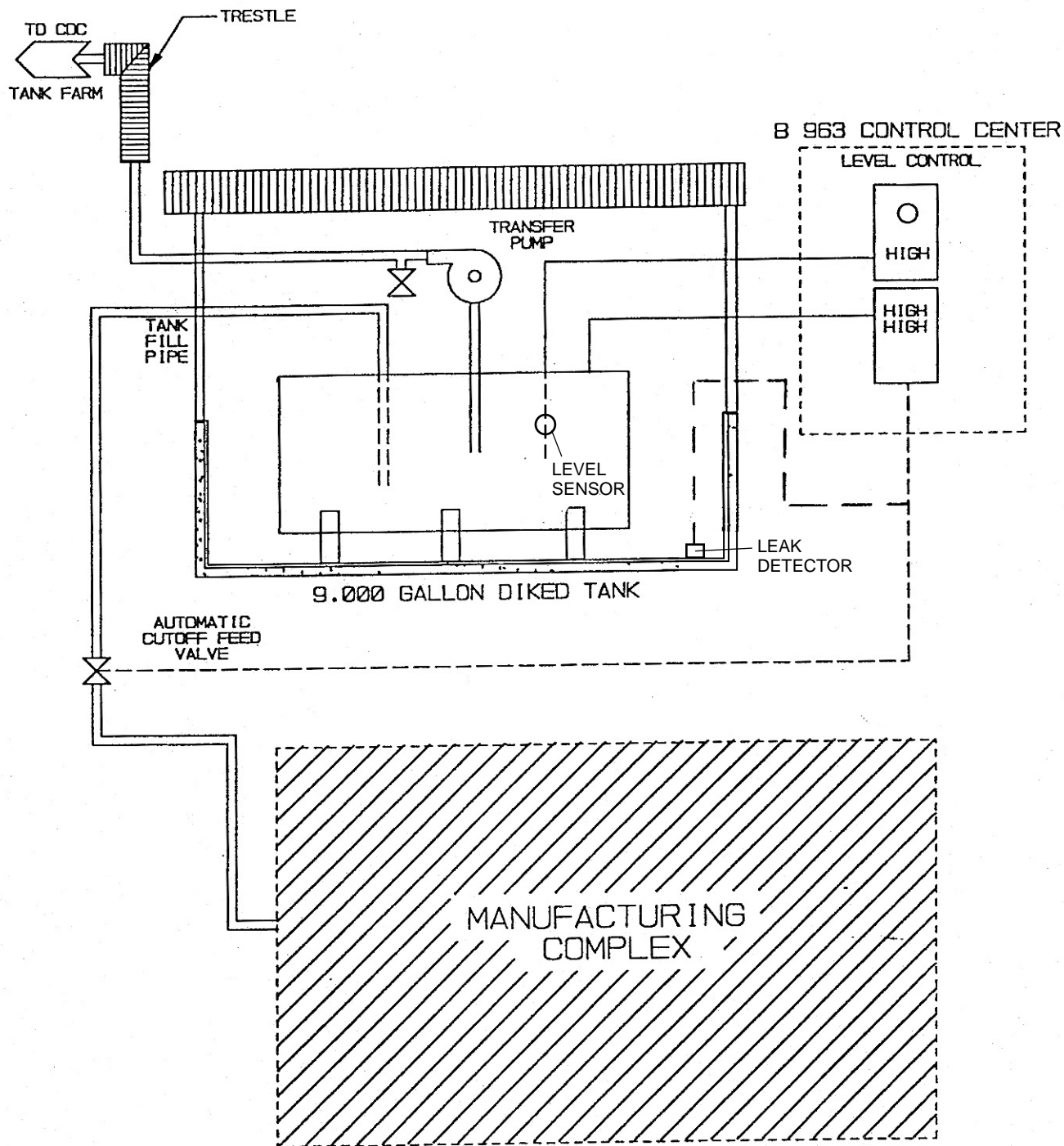


Figure D-2-A  
**Piping and Instrumentation  
 for the Building 963 North Tank**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT



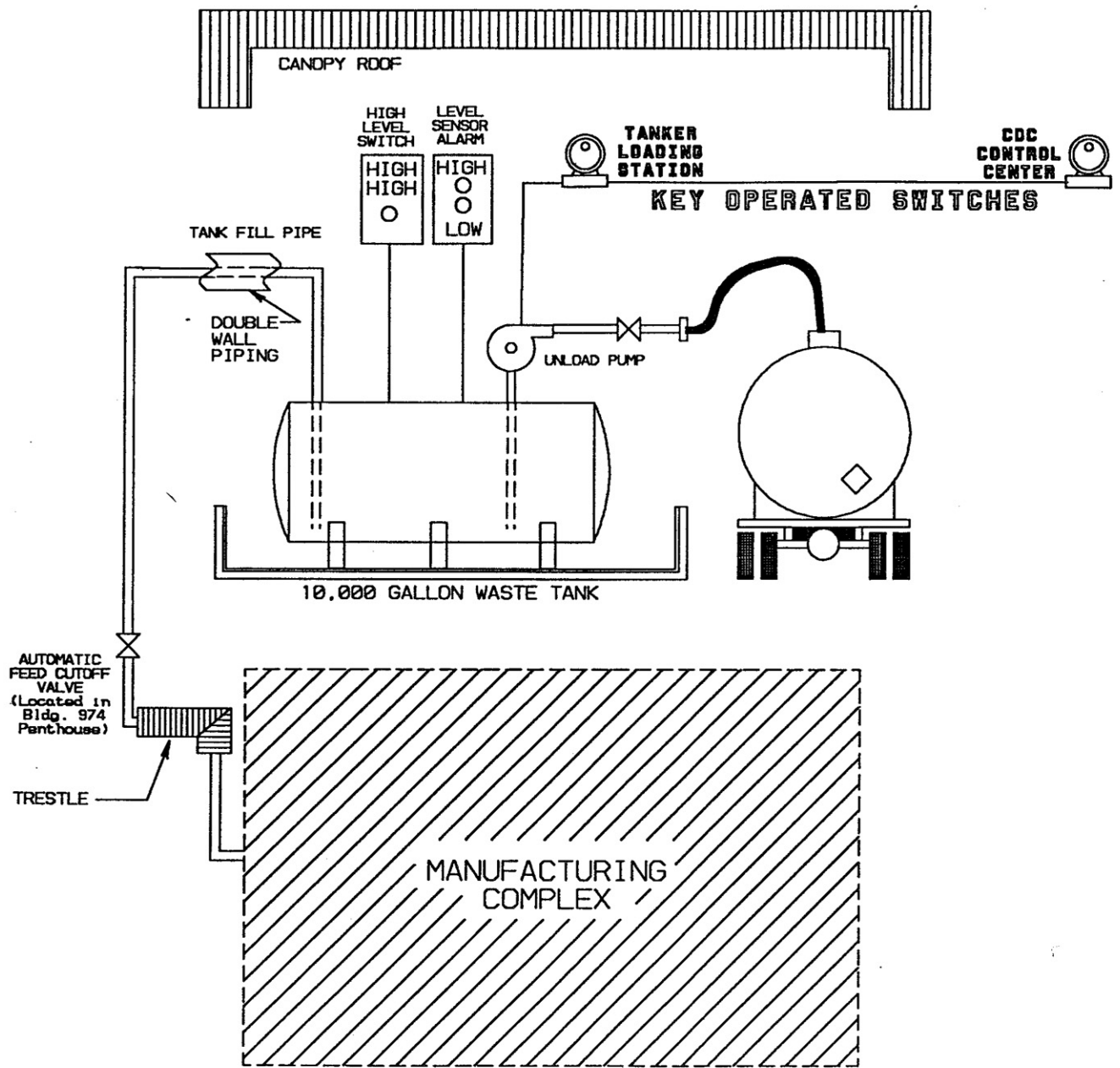


Figure D-2-B  
**Piping and Instrumentation  
 for the Waste Storage Tank  
 at the CDC Tank Farm**

GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT



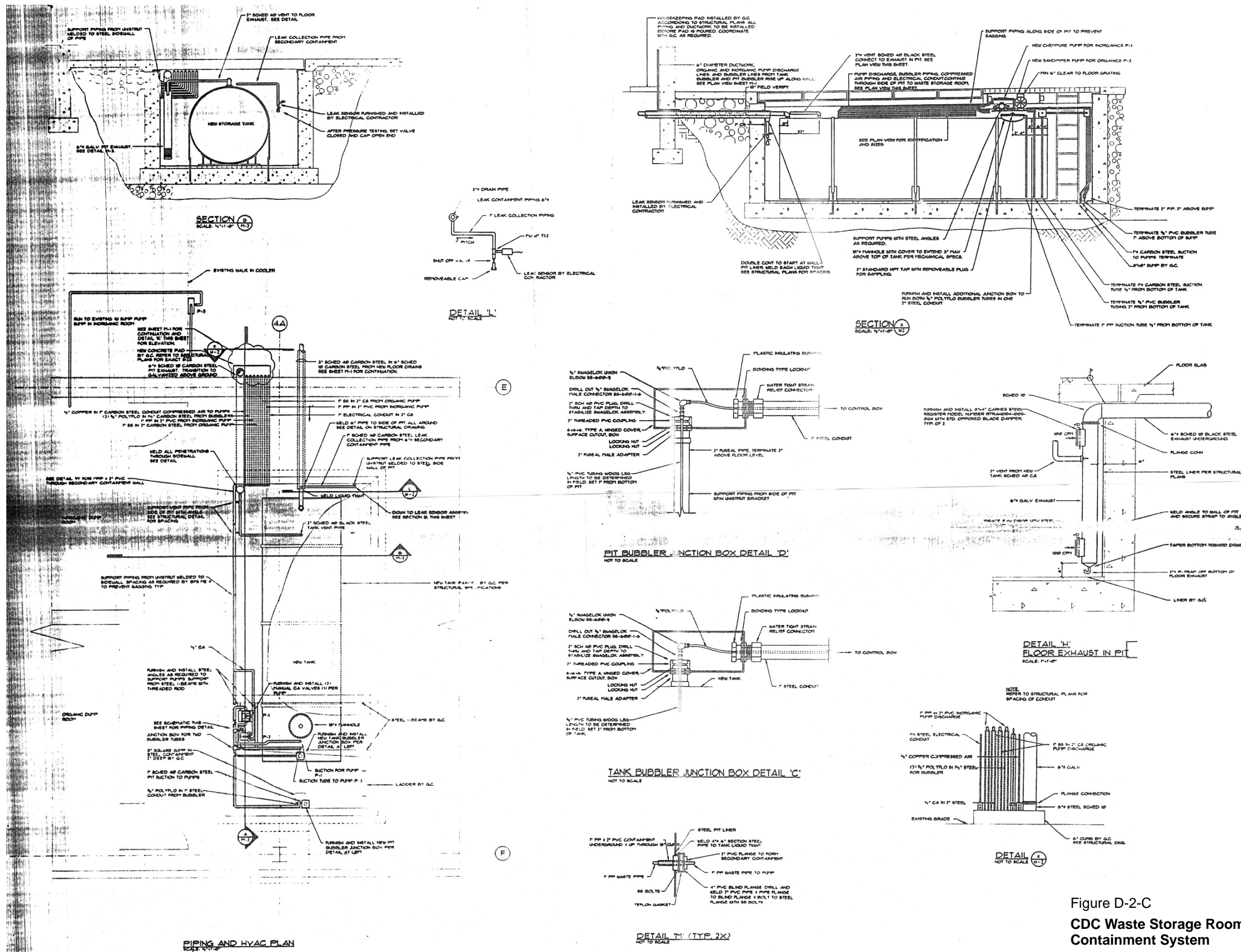
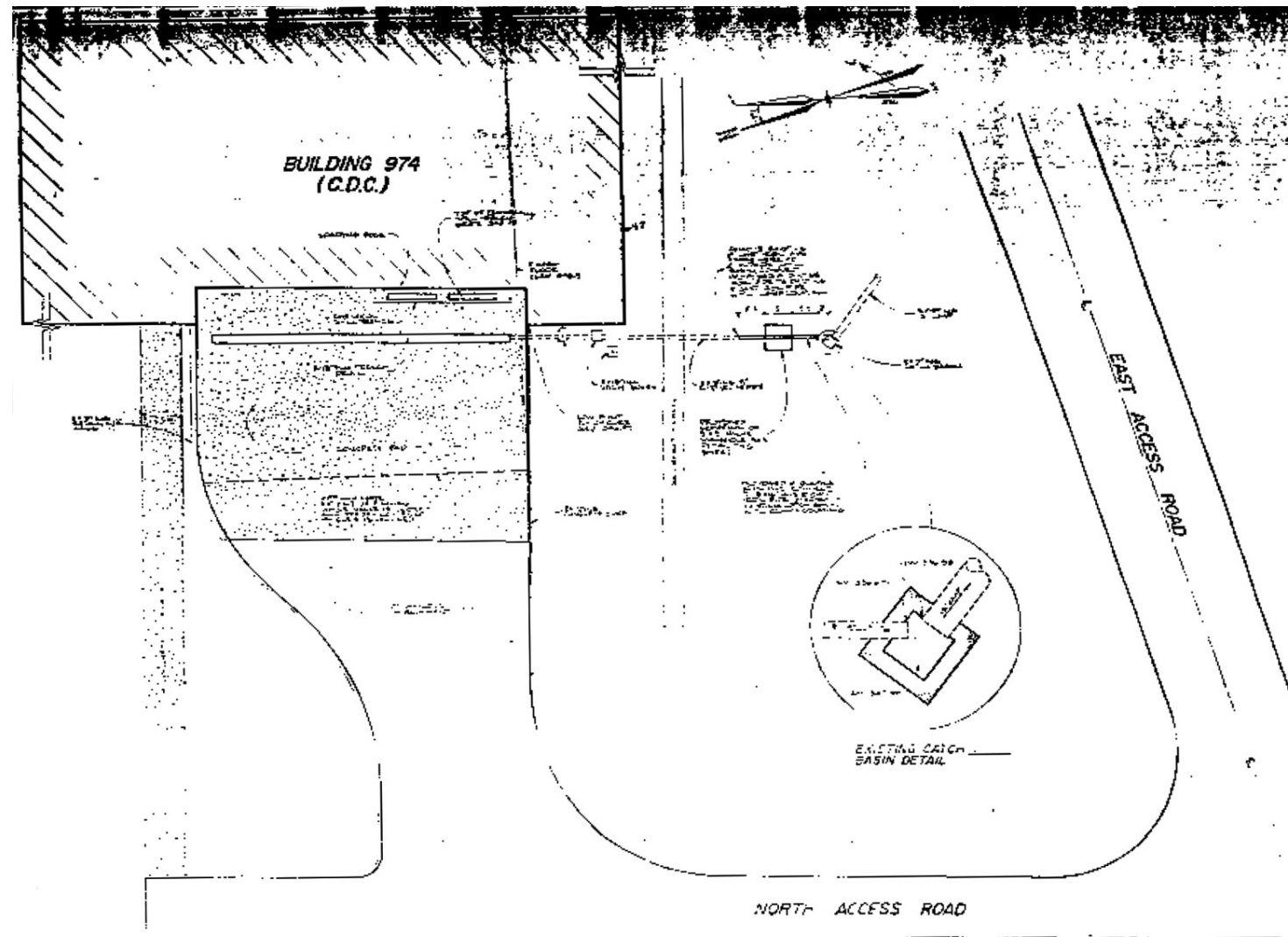
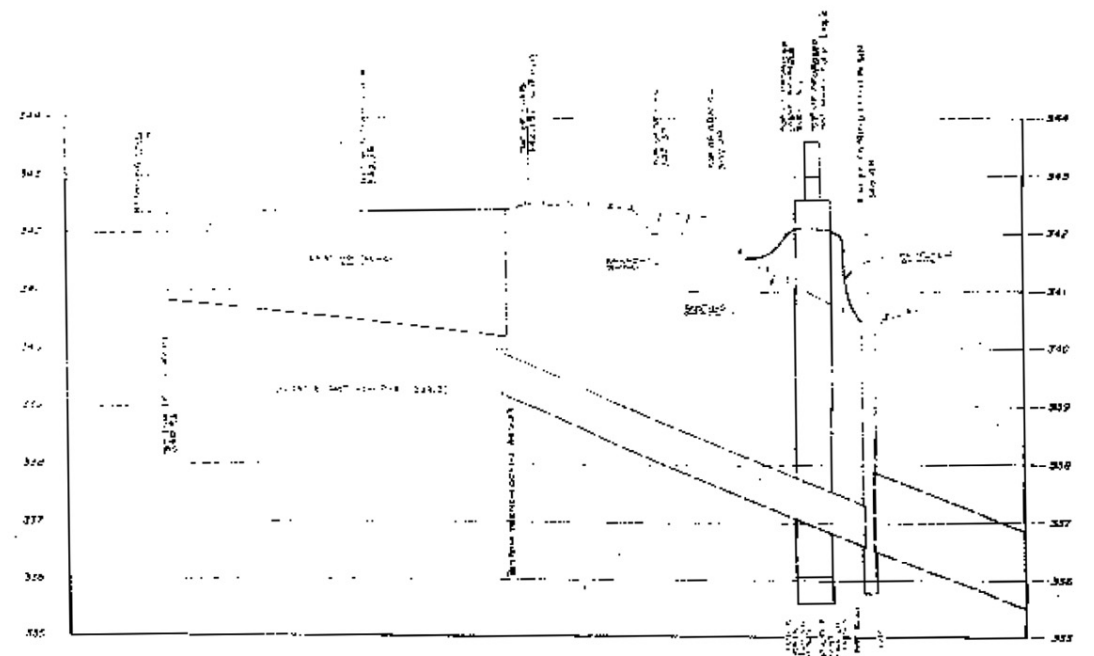


Figure D-2-C  
**CDC Waste Storage Room Secondary Containment System**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT





**TRENCH DRAIN SYSTEM PLAN**  
SCALE: 1"=10'



**TRENCH DRAIN SYSTEM PROFILE**  
SCALE: HORIZONTAL 1"=10' VERTICAL 1"=1'

**GENERAL NOTES:**

1. SEE ELECTRICAL PLANS FOR CONTROLS AND WIRE TRACING
2. VALVE ASSEMBLY TO BE INSULATED PER SPECIFICATIONS.

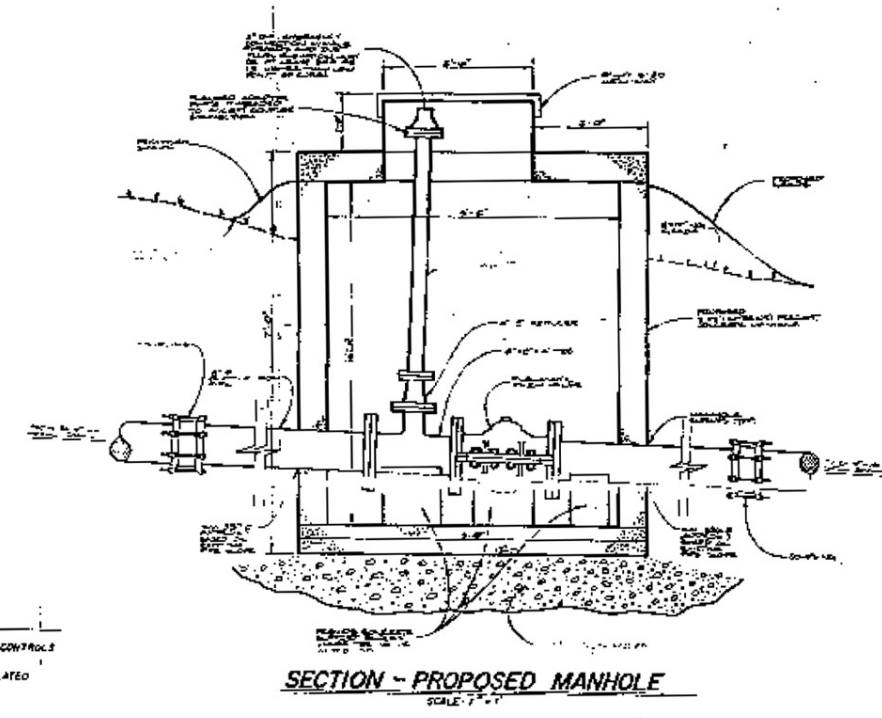
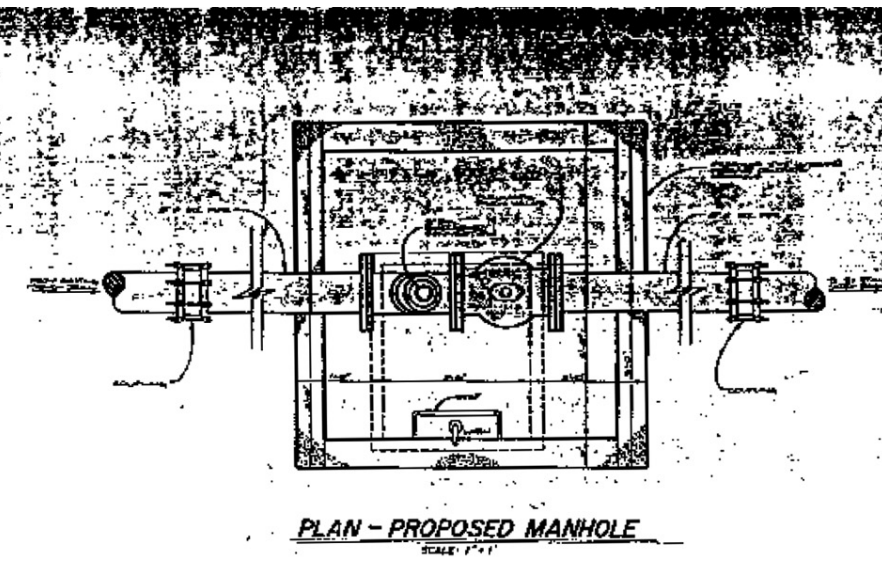


Figure D-2-D  
**CDC Truck Unloading Area Containment at Building 974**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT





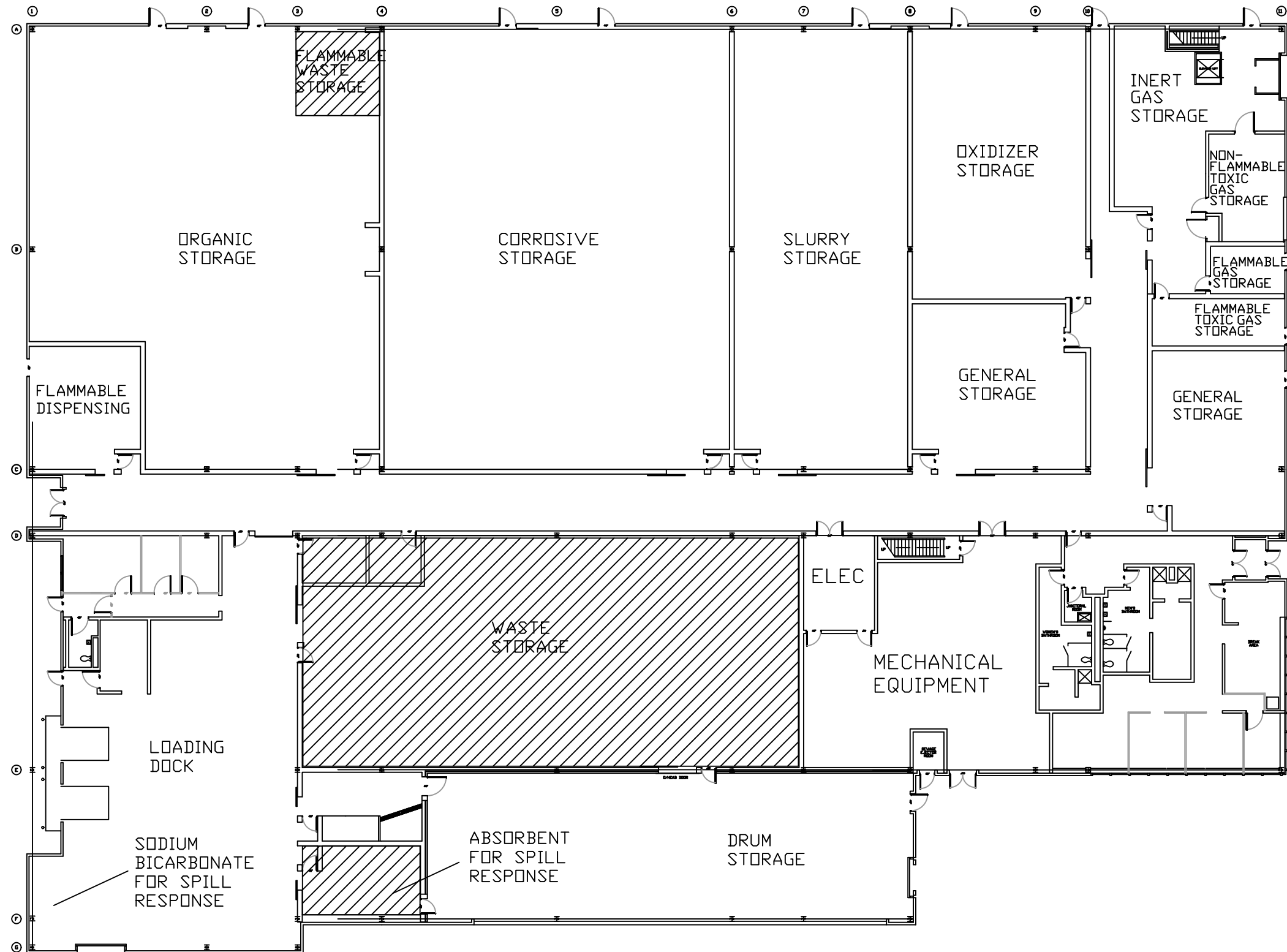


Figure D-2-E  
**CDC Room Layout and  
 Emergency Response Equipment Locations**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT



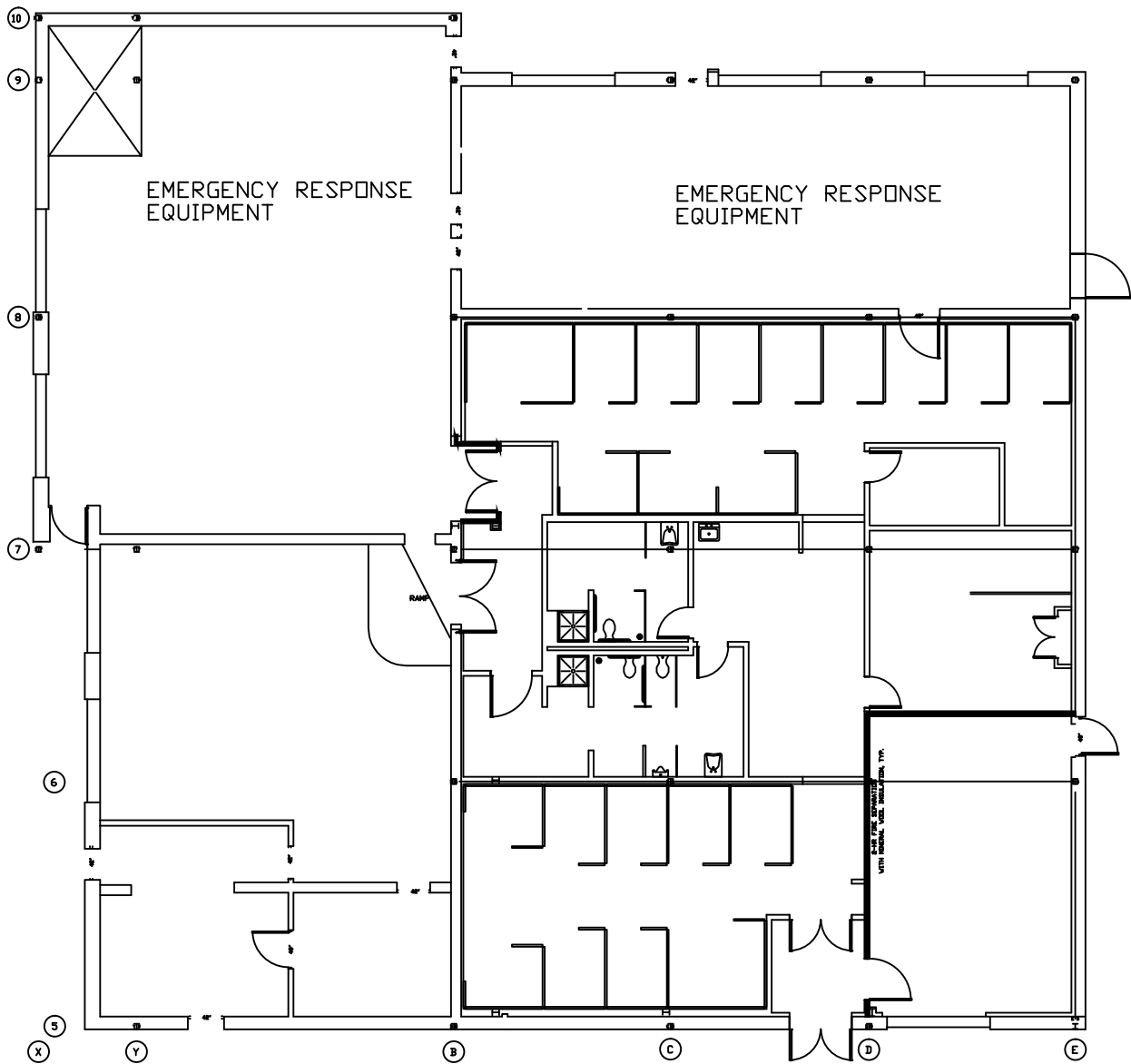
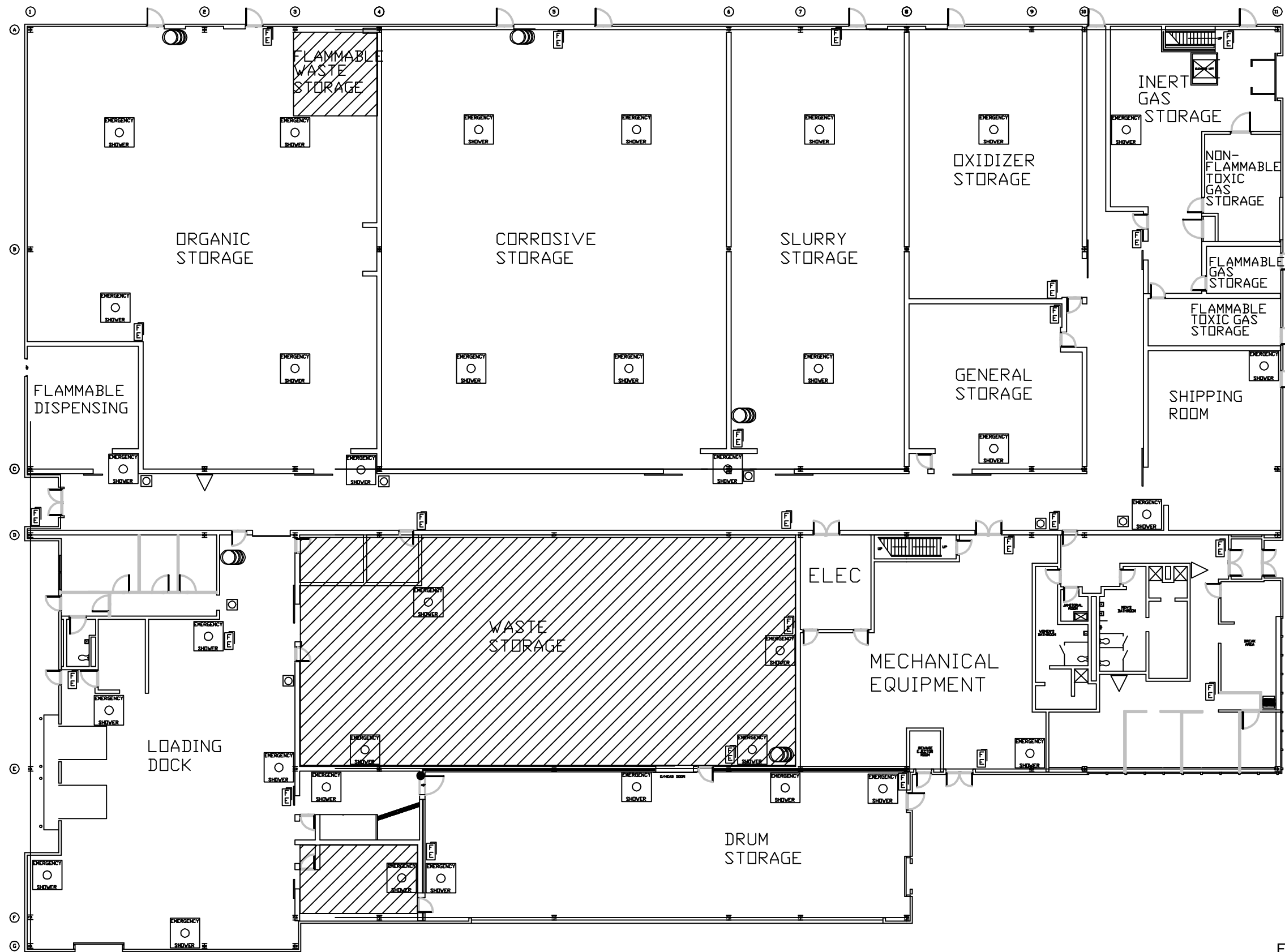


Figure D-2-F  
**Building 900 Layout and  
 Emergency Response  
 Equipment Locations**

GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT

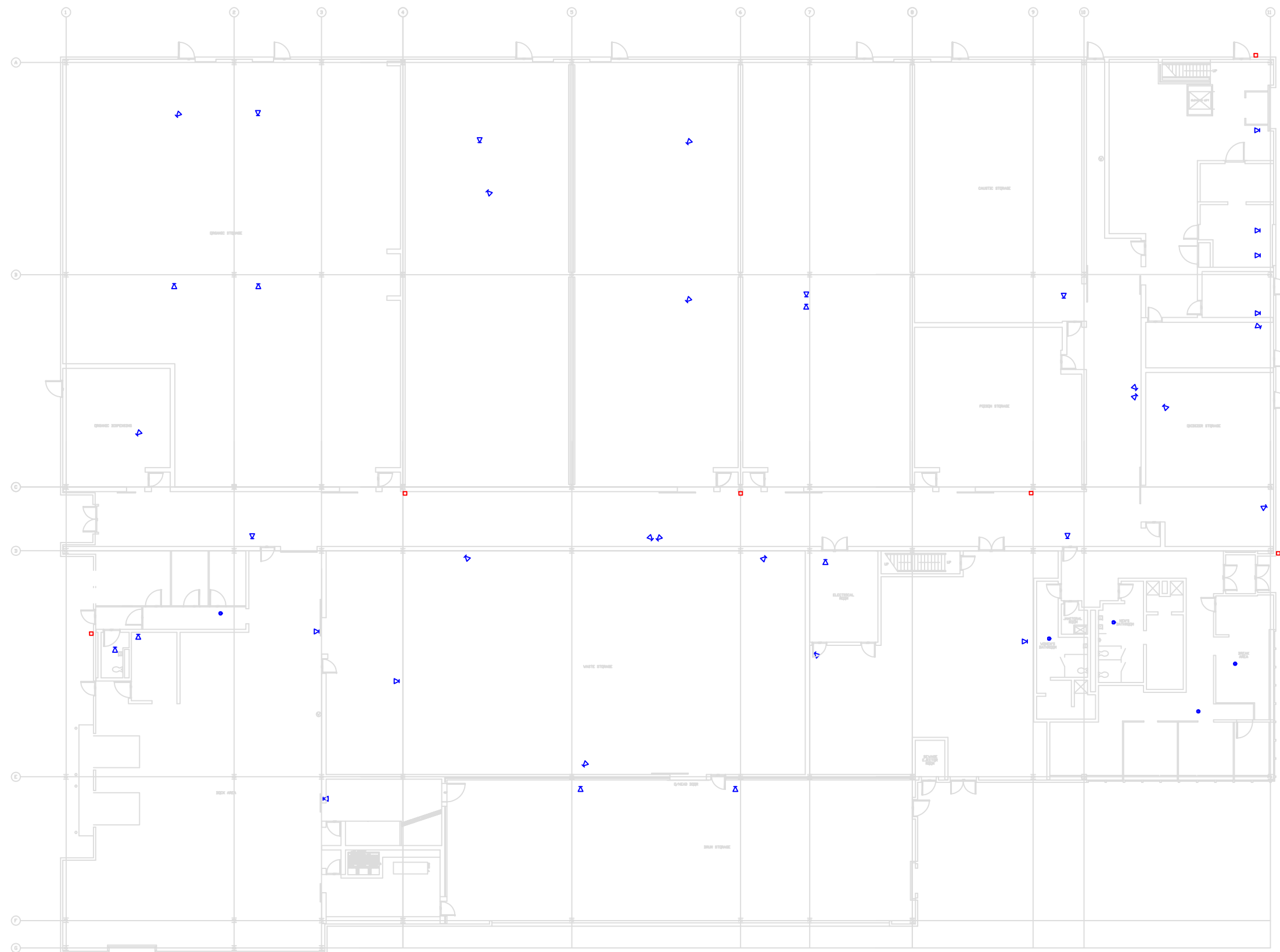




- LEGEND**
- FIRE EXTINGUISHER, DRY CHEMICAL CLASSIFICATION 10 OR 20A; 80-BC
  - EMERGENCY EYEWASH AND SHOWER (SHOWN LARGER THAN ACTUAL 3'X3' SIZE)
  - FIRE HOSE ON REEL
  - EMERGENCY EXHAUST PURGE
  - MEET IN THE WEST PARKING LOT, IF EMERGENCY IS IN THE WEST END, MEET IN THE FIREHOUSE (BUILDING 900) PARKING LOT. INSURE ALL FIRE DOORS ARE CLOSED

Figure D-2-G  
**CDC Fire Protection,  
 Evacuation Route, Eyewashes**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT



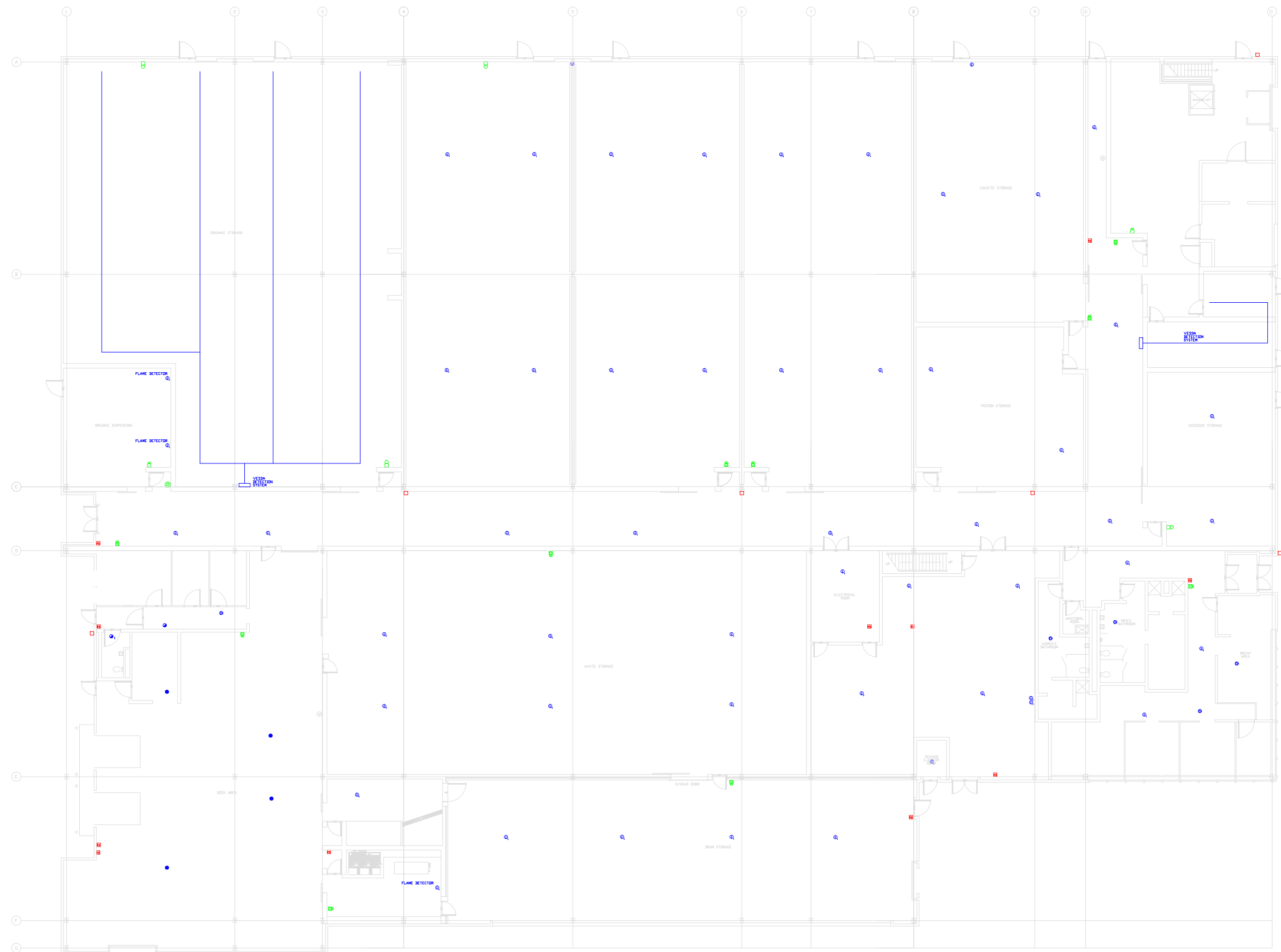


- ▽ PA Horn Speaker
- Telephone

Figure D-2-H  
**CDC Public Address and Telephone System Layout**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT







- PULL STATION
- DETECTION DEVICE
- HORN OR STROBE

FIGURE D-2-1  
 CDC Automatic Fire Detection System Layout  
 GLOBALFOUNDRIES ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT



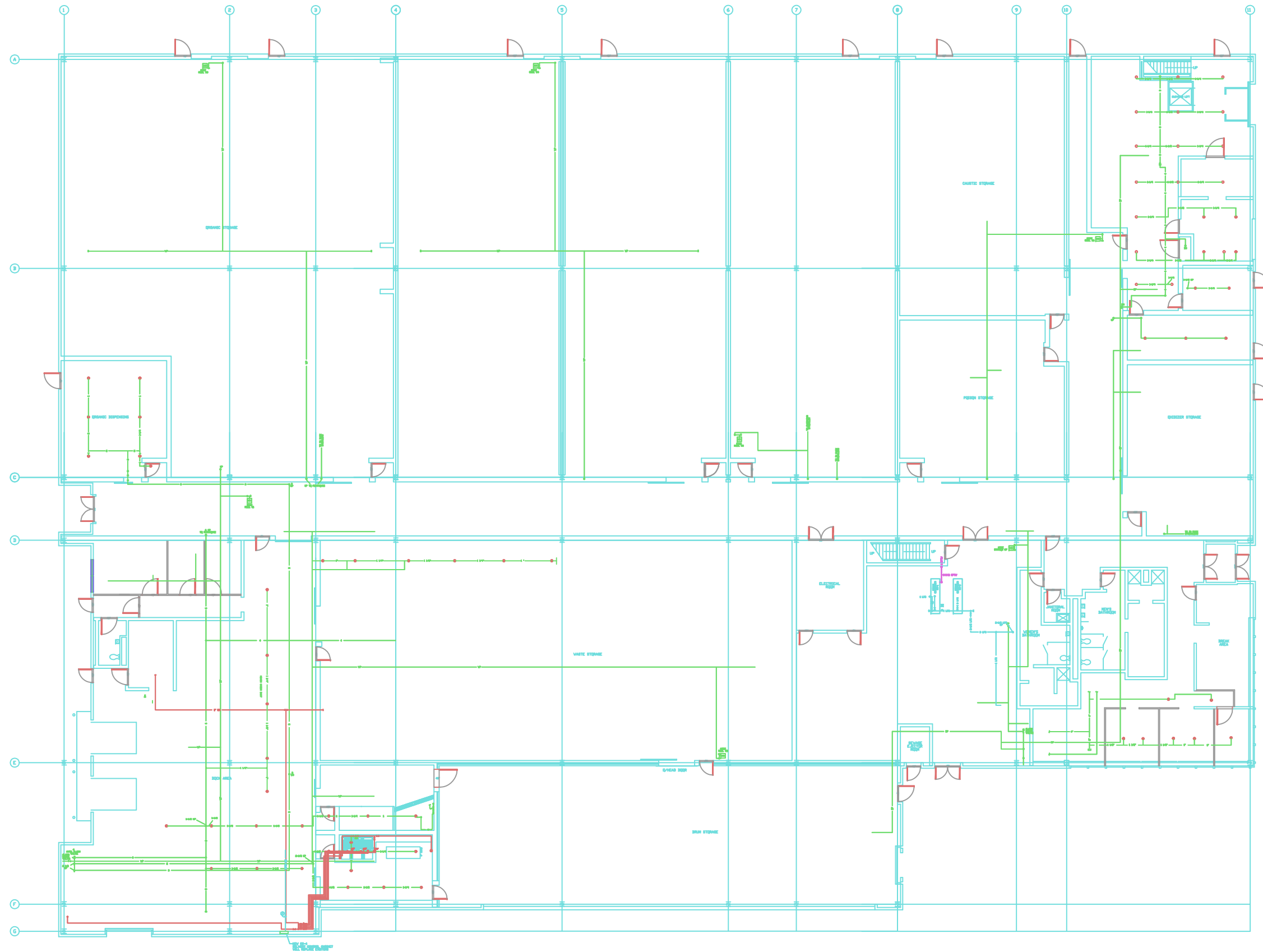
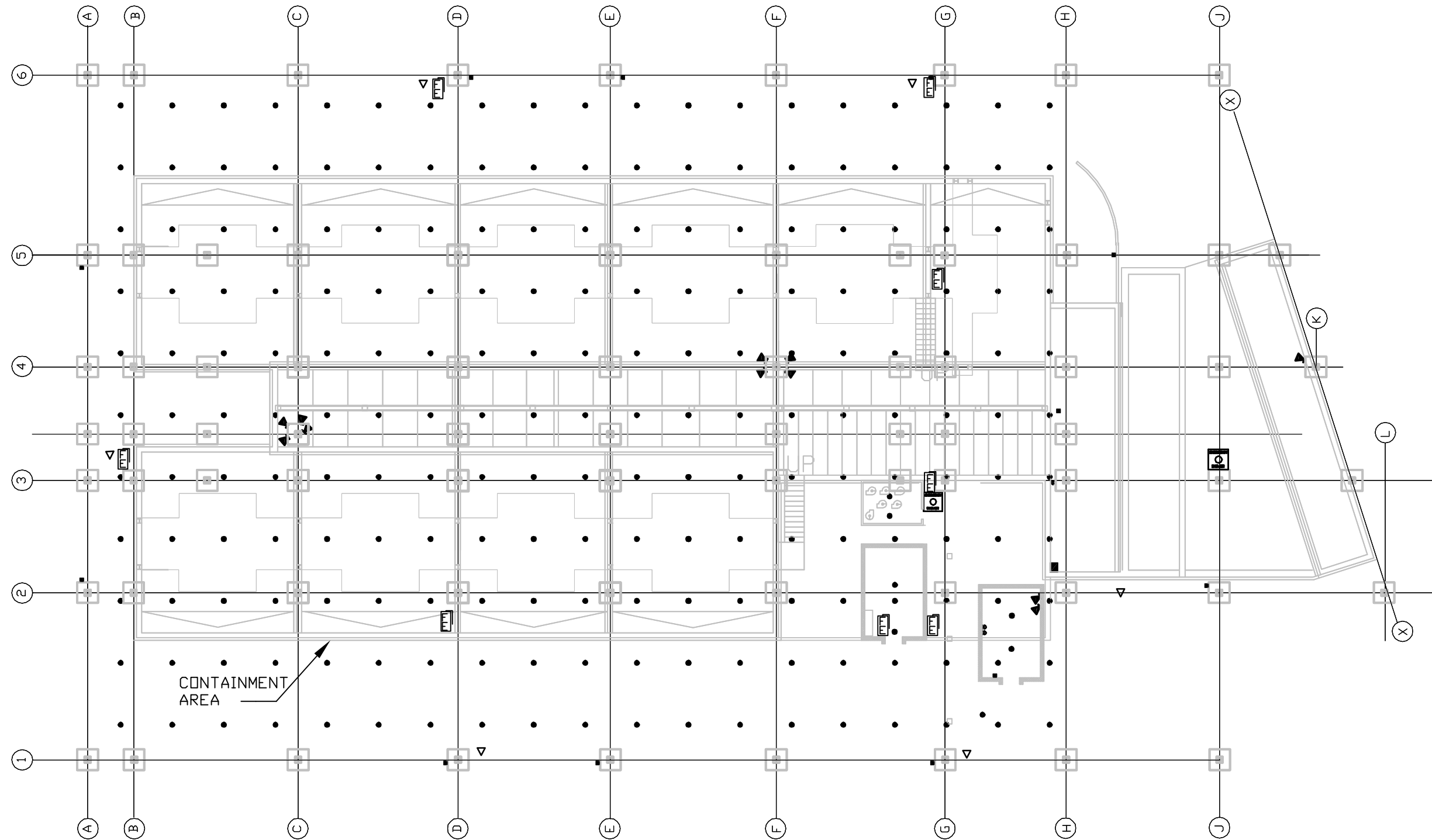


Figure D-2-J  
**CDC Sprinkler System Layout**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT





COLOR CODE	
	PUBLIC ADDRESS HORN
	EMERGENCY PHONE
	HEAT DETECTOR
	PULL STATION
	FIRE BELL
	FIRE EXTINGUISHER, DRY CHEMICAL CLASSIFICATION 10 OR 20A; 80-BC:C
	EMERGENCY EYEWASH AND SHOWER (SHOWN LARGER THAN ACTUAL 3'x3' SIZE)
	FIRE HOSE ON REEL
	EMERGENCY EXHAUST PURGE
	MEET IN THE WEST PARKING LOT. IF EMERGENCY IS IN THE WEST END, MEET IN THE FIREHOUSE (BUILDING 900) PARKING LOT. INSURE ALL FIRE DOORS ARE CLOSED

CONTAINMENT  
AREA

Figure D-2-K  
**CDC Tank Farm Public Address/Telephone  
and Automatic Fire Detection System Layout**  
GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
HAZARDOUS WASTE FACILITY PERMIT



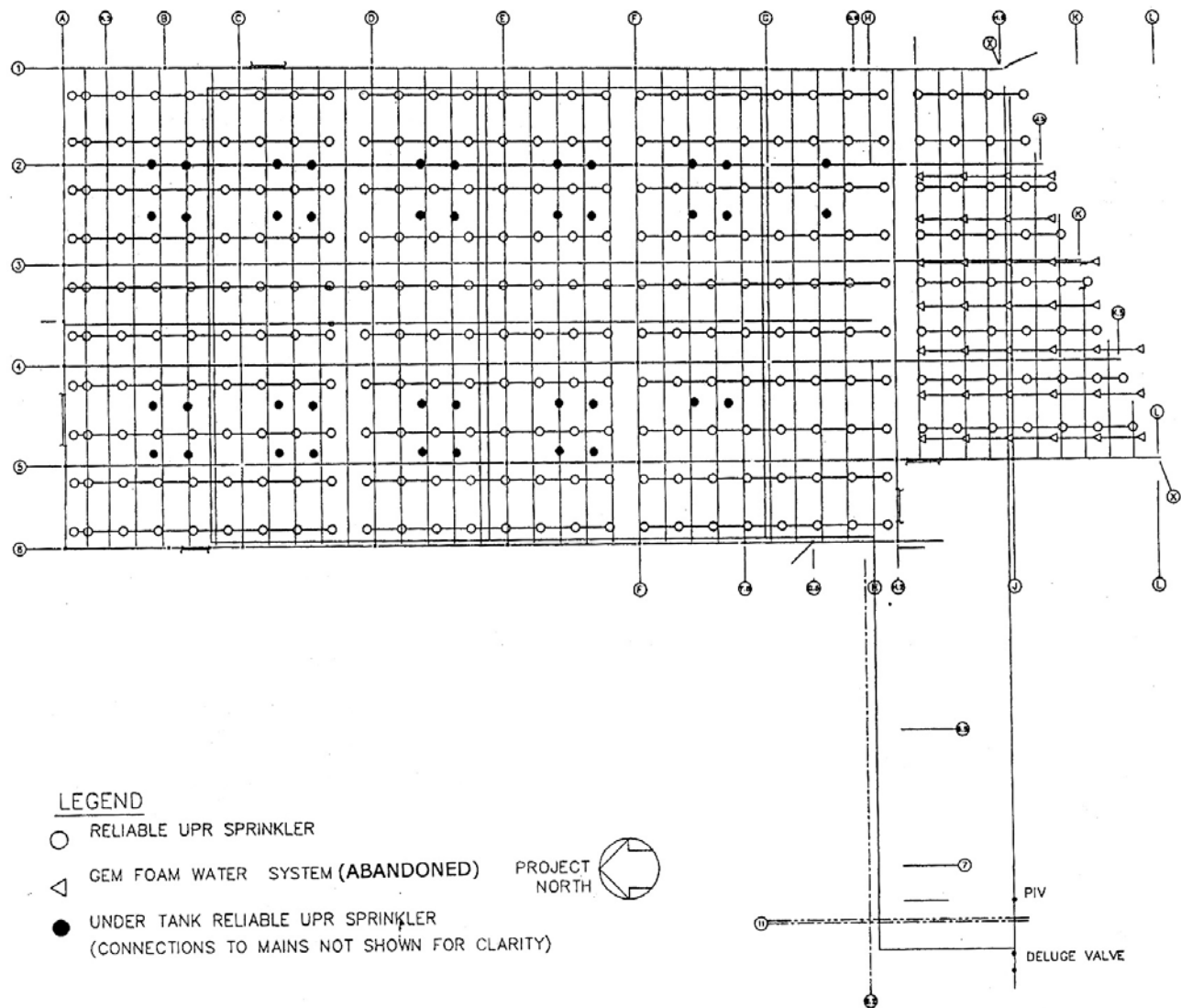


Figure D-2-L  
**CDC Tank Farm Sprinkler System Layout**  
 GLOBALFOUNDRIES, ESSEX JUNCTION, VT  
 HAZARDOUS WASTE FACILITY PERMIT

