

# **Fire Service Learning Network**

## **PRE-INCIDENT PLANNING ACTIVITY**

## **Purpose:**

To apply principles of pre-incident planning to the development of site-specific plans that will assist in the coordination of onsite fire protection equipment and personnel with public emergency response resources in the event of a fire or explosion.

## **Objectives:**

Develop a pre-incident plan based on information collected during a site visit.  
Document critical systems and identify assignments for first alarm companies.  
Apply the pre-incident plan using various scenarios.

# Pre-Incident Planning Activity



## **Materials:**

Building plan, survey photos (PPT or print booklet), pre-incident planning checklist, and emergency response scenarios.

Plan, photos and scenarios are provided below. The pre-incident planning checklist can be found on the Fire Service Learning Network under Training, Program Resources.



## Procedure:

This activity is designed for individuals or groups of up to five people. Individuals or groups should complete the following tasks:

1. Using the survey photos, the building plan and the checklist, develop a pre-incident plan for the facility.
2. Use the pre-incident plan to develop a response for each of the assigned scenarios.

## **Student:**

Review the slides of the building provided as part of this activity. Using the building plan, take notes and use the information to complete the pre-incident planning checklist. Direct specific questions to your instructor if you need additional information. When the checklist is complete, develop an action plan for the facility for each of the emergency response scenarios provided.

## Emergency Response Scenarios

Anytown FD first alarm response to an industrial facility: 2 engine companies, 1 ladder company, 1 rescue ambulance, and the shift commander. Total of 12 responders.

Scenario 1. Water flow alarm

Scenario 2. Smoke showing from the loading dock

Scenario 3. Fire in a production machine

Scenario 4. Smoke showing from the warehouse, planned AS impairment in area

# Pre-Incident Planning Activity

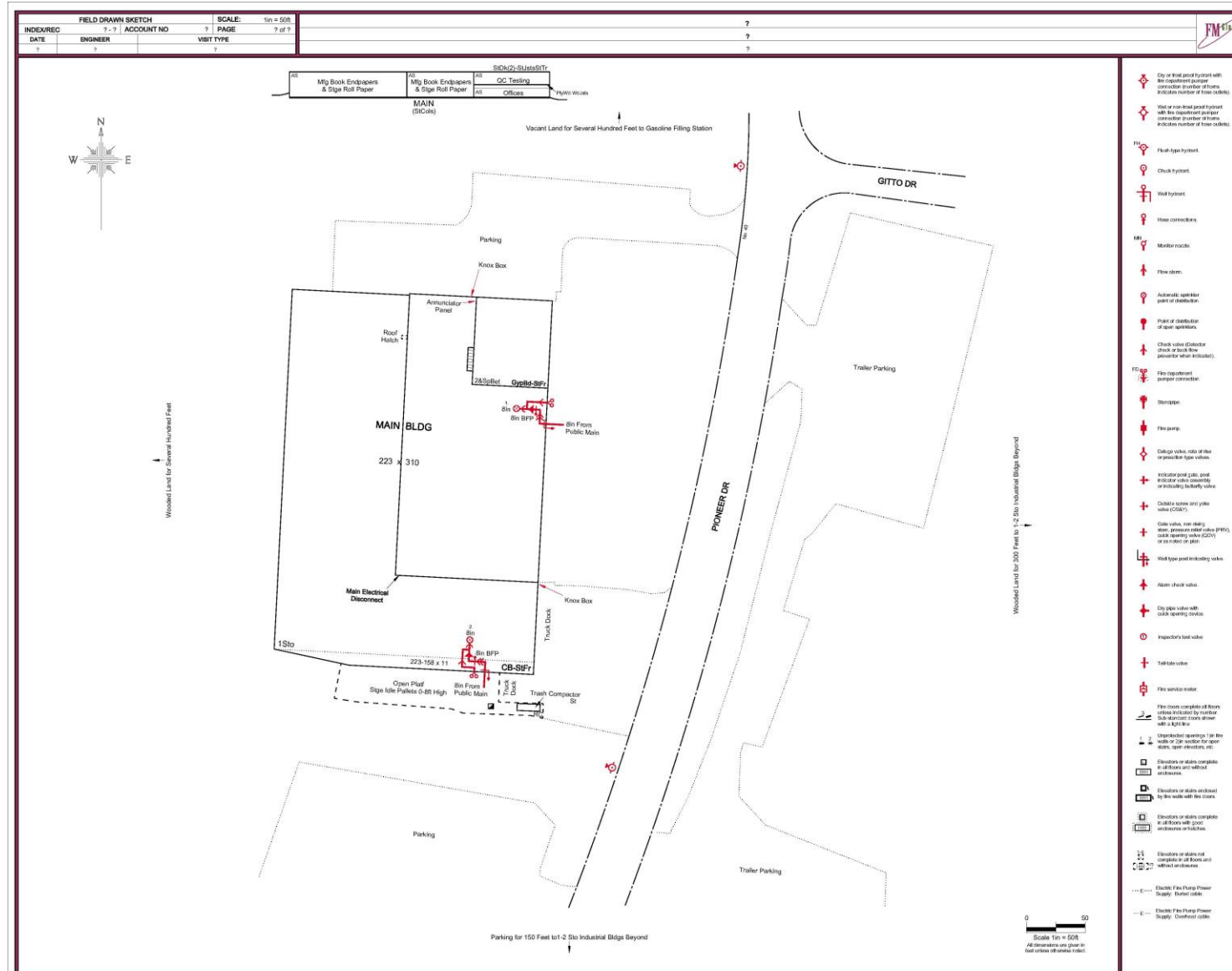
# Pre-Incident Planning Activity

Accessors Data Aerial View





# Pre-Incident Planning Activity





# Pre-Incident Planning Activity

**Entrance to Parking Lot  
from Street - North side  
of Building**





# Pre-Incident Planning Activity

Entrance to Parking Lot



# Pre-Incident Planning Activity

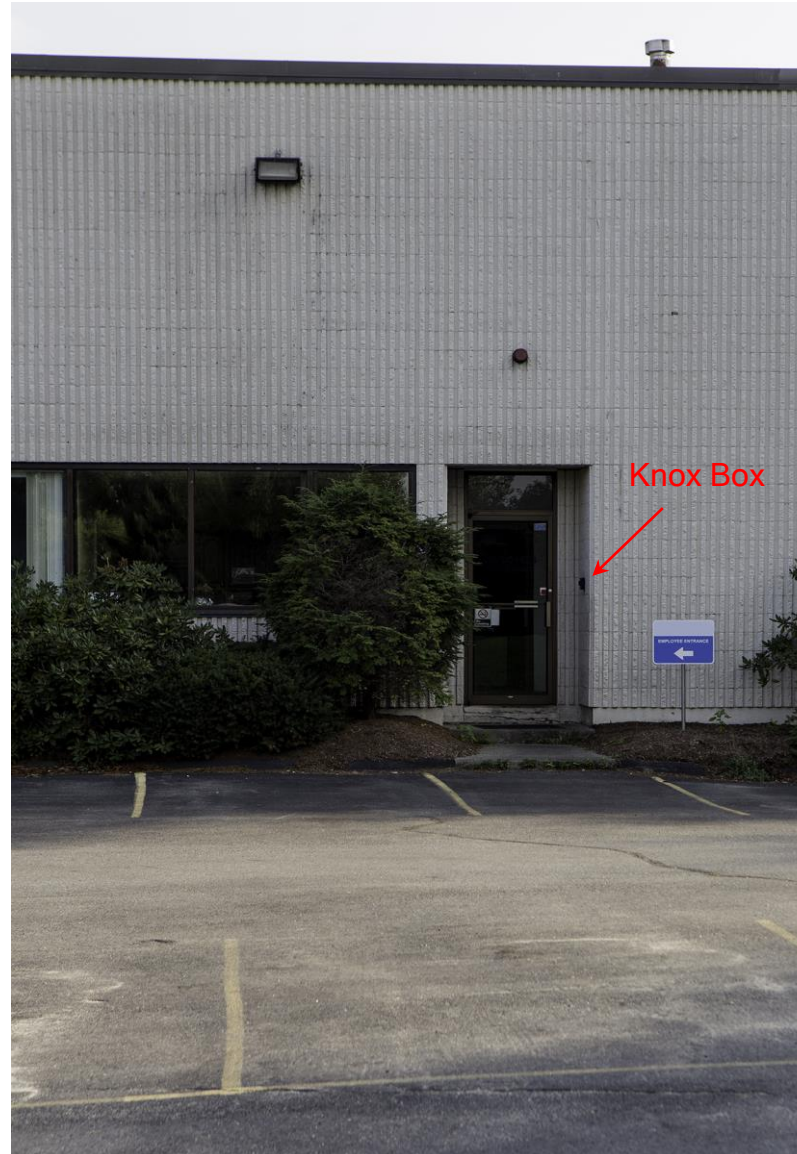
North Side





# Pre-Incident Planning Activity

## North Side - Employee Entrance



# Pre-Incident Planning Activity

North Side





# Pre-Incident Planning Activity

North Side - Egress Door





# Pre-Incident Planning Activity

Northeast Corner





# Pre-Incident Planning Activity

**Northeast Corner**





# Pre-Incident Planning Activity

East Side





# Pre-Incident Planning Activity

East Side - Truck Dock and Egress Door



# Pre-Incident Planning Activity

East Side - Truck Dock





# Pre-Incident Planning Activity

**Southeast Corner -  
Hydrant Location**





# Pre-Incident Planning Activity

South Side



# Pre-Incident Planning Activity

**Southeast Corner -  
Egress Door**





# Pre-Incident Planning Activity

South Side





# Pre-Incident Planning Activity

**West Side**





# Pre-Incident Planning Activity

**Northwest Corner**





# Pre-Incident Planning Activity

**North Side  
Employee Entrance**



# Pre-Incident Planning Activity

FA Panel @ Employee Entrance



# Pre-Incident Planning Activity

View From Employee Entrance





# Pre-Incident Planning Activity

Interior of Employee Entrance



# Pre-Incident Planning Activity

**View From North Side  
Stair Toward South Side**





# Pre-Incident Planning Activity



## Structural Framing and Roof Deck



# Pre-Incident Planning Activity



**Typical Rolled Paper  
Storage Arrangement**



# Pre-Incident Planning Activity

**Aisle way in Manufacturing Area**





# Pre-Incident Planning Activity

## Typical Production Machinery





# Pre-Incident Planning Activity

## Production Machinery





# Pre-Incident Planning Activity

**Pallet Storage in  
Production Area**



# Pre-Incident Planning Activity

## Typical Interior Wall Opening





# Pre-Incident Planning Activity

## Typical Rack Storage





# Pre-Incident Planning Activity

## Forklift Battery Charging Station





# Pre-Incident Planning Activity

## Structural Framing and Roof Deck





# Pre-Incident Planning Activity



Gas Service Entrance



# Pre-Incident Planning Activity

Interior Electrical Panel





# Pre-Incident Planning Activity

## Interior Wall and Openings





# Pre-Incident Planning Activity

Typical aisle and  
Storage Arrangement





# Pre-Incident Planning Activity

## Typical Production Machinery

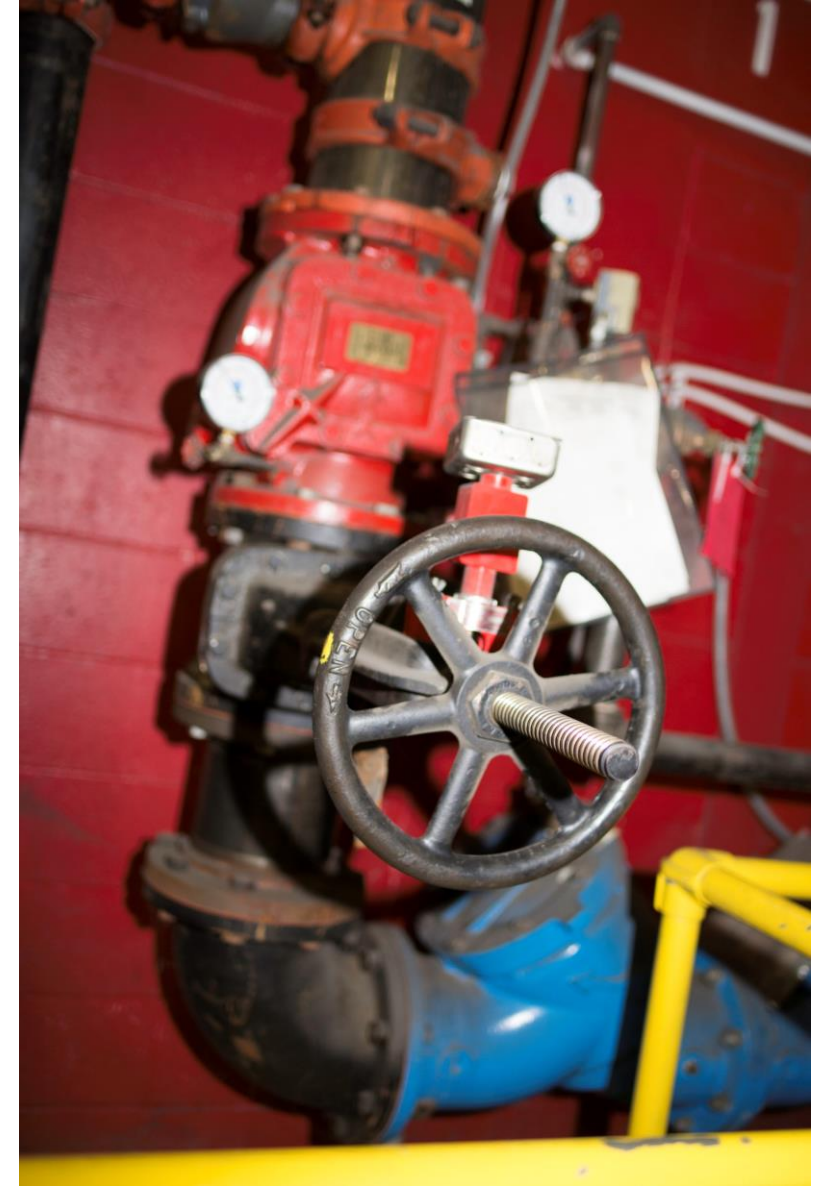




# Pre-Incident Planning Activity



**East Side FDC and Riser**

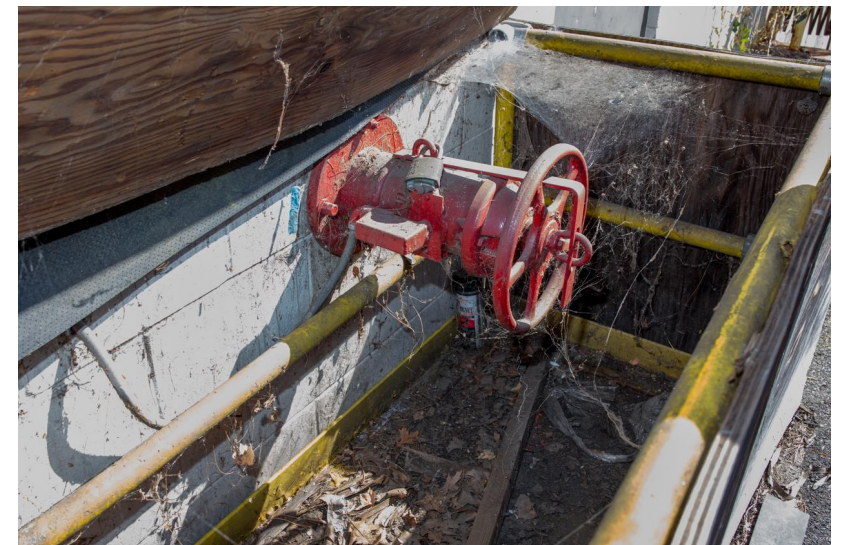




# Pre-Incident Planning Activity



**South Side Riser  
and FDC**





# Pre-Incident Planning Activity



## System 1 - East Side of Building



## System 2 - South Side of Building



**Wall Valves**

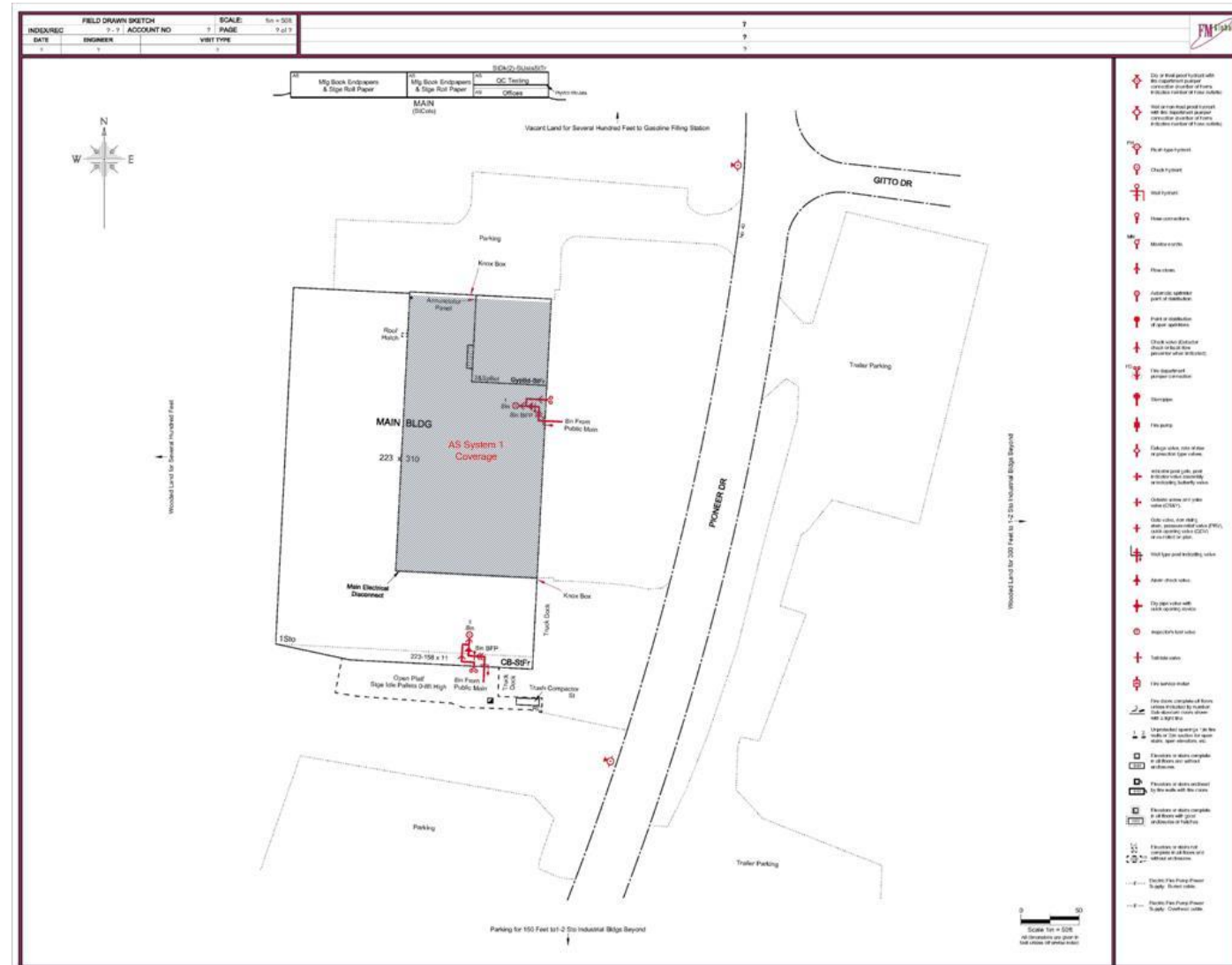




# Pre-Incident Planning Activity



## AS System 1 Coverage













**RESILIENCE IS A CHOICE.**