NAPSG Foundation

Using the Map to Make Responders Safe

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Goals

- QUICKLY explain Symbols Guideline
- Demonstrate Resource to use it

DISCLAIMER

- This is a GUIDELINE and not STANDARD
- This is to help responder groups enhance their STANDARDS

Responders need a map to:

Find the problem they are going to

Show where people and equipment are located that help solve the problem

Unit

Feature Location

Incident Command

Incident Symbols

Identify features to fix the problem

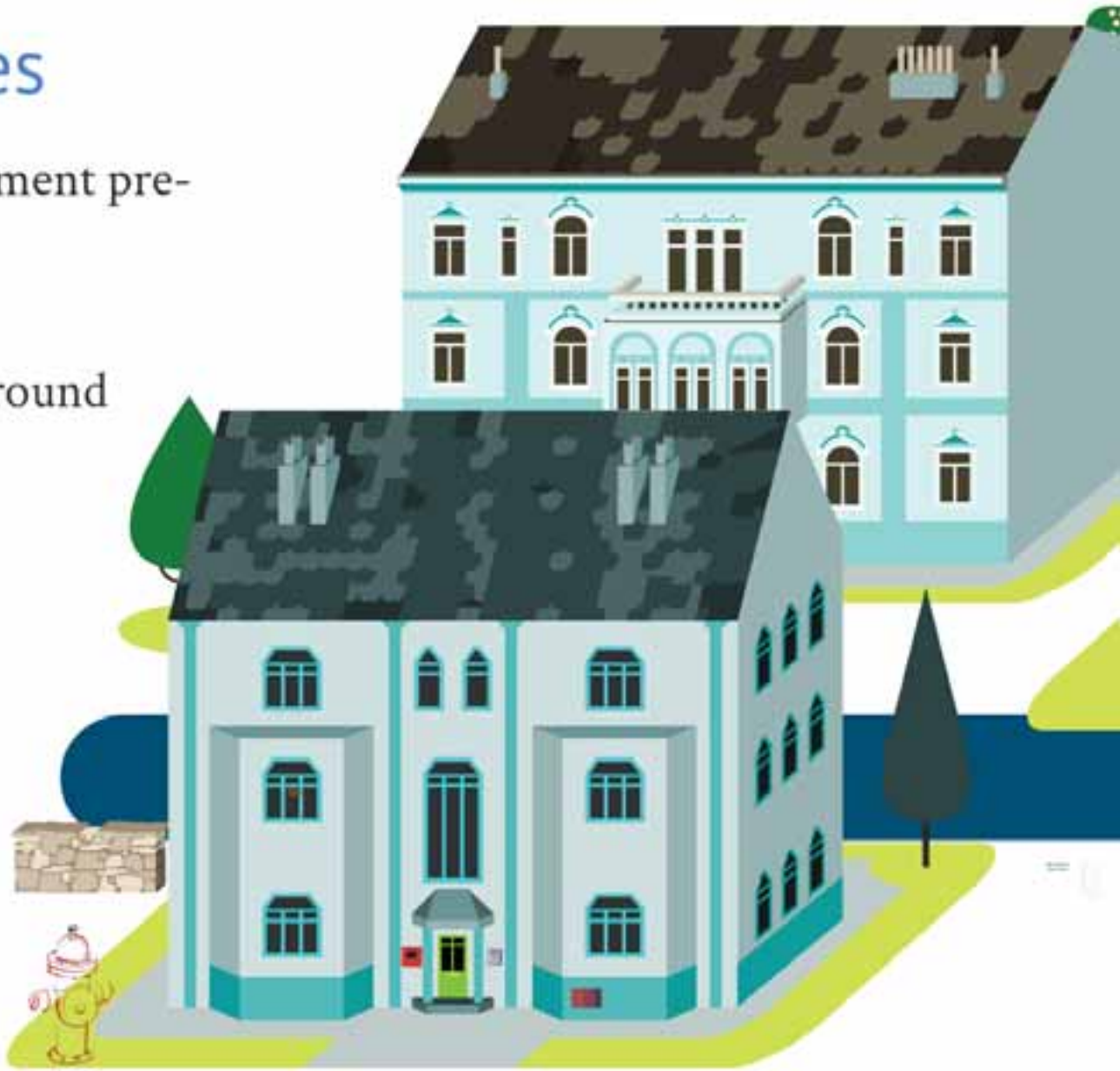
Pre-Incident Symbols

Identify hazards that can cause harm

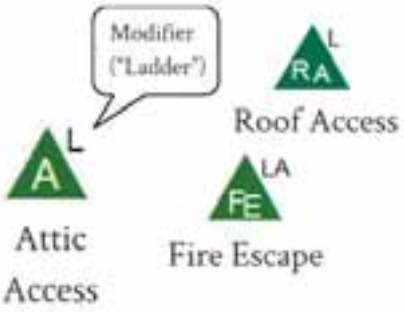
Hazards

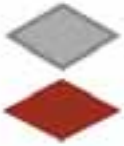
Preplanned Features

- Has its roots in fire department pre-fire planning
- Can be broadly defined
- Symbols have color background

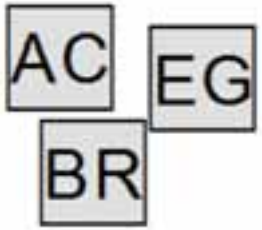


Access Features: Features that identify access point or barriers to access. Includes key boxes, main entry, elevator, stairs, ladders





Detectors and building extinguish systems: Smoke, Duct, Pull Station



Geographic Building Features: Features inside a building such as rooms, common areas, businesses, or other features with a specific purpose

Fire Suppression Features: Primarily for fire units. Examples include fire department connection, sprinkler shutoff, hose connections

Shut off utilities or product: Examples include electrical, gas, water, and communication shutoff

Consistent with NFPA 1620

Ventilation: Feature that help remove airborne hazards that health problems (smoke, chemical vapors, fart bombs, smelly laundry)

Alarms: Examples include fire alarm panel, burglar alarm, smoke detector,

Watch Out!

Hazards

- The most important symbols
- Derived from several hazard features
- Diamond reserved shape

Hazards

- The most important symbols
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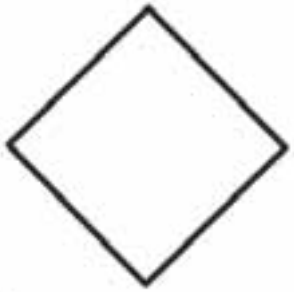
General Hazard



DHS "Incident" Symbology

DOT HazMat Placarding

NFPA 704

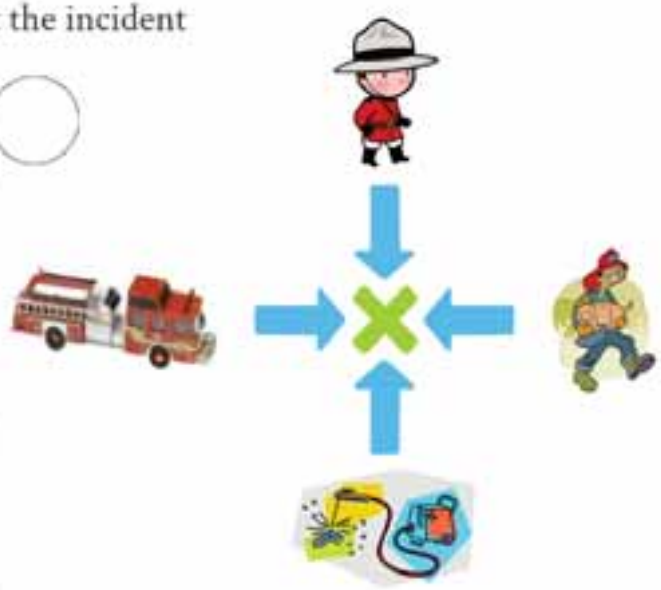
Incident

Symbols used for Incident Features

- Types
  - NIMS
  - Units
  - Command locations
- Clear background (Hand Draw)
- Can be modified do on the fly

Incident Features

- Features used to help support the incident
- Clear circle
- Show location where
  - People should go
  - Equipment is located



Examples

Base

Emergency Shelter

Evacuation Feature

Staging

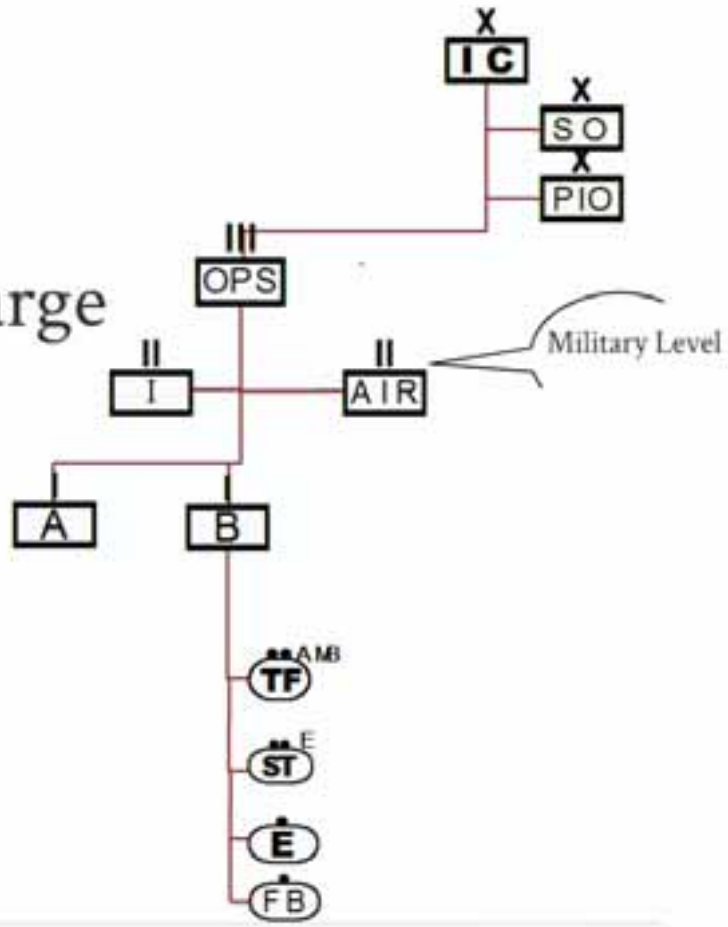
Fire Hydrant

Civilian Staging

Camp

Incident Command Location

- Consistent with NIMS
- Clear Rectangle
- Location of the person in charge



Unit

- Clear Oval
- Used to map location of the "Unit Working"
- Effective when "passive" data is collected

E21

LAW

Firefighter Smith

Unit

Exceptions

There is always an exception

Command Post (not a circle)
Use Clear Text to explain

Color (Treatment in this example)
Represents "Green Patient" value

Symbol Modifiers

Dashed line if feature is "in the future", "not in use", or "planned"

Clear text on the bottom
Arrow on symbol note direction

There is always an exception

Command Post (not a circle)

Use Clear Text to explain

Color (Treatment in this example)

Represents "Green Patient" value

Symbol Modifiers

Dashed line if feature is “in the future”, “not in use”, or “planned”

Clear text on the bottom

Arrow on symbol note direction

STAGING

If it looks like it?

Click on Attribute
Legend
Legend
Command Post
Feature Code
Camp
Staging
bing

Resources

Incident Symbology Workgroup Symbols
(Raster Images)
http://symbols.firemapping.com

NAPSG ArcGIS Online
http://napsg.maps.arcgis.com

A pencil and paper

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Responders need a map to: