

FDNY
INCIDENT ACTION PLAN
OPERATIONAL PERIOD
SEPTEMBER 27 - 28, 2001
0700 - 0700



Plan 6
Peter E. Hayden

FDNY INCIDENT ACTION PLAN

OPERATIONAL PERIOD

09/27/2001 – 0700 through 09/28/2001 – 0700

OVERALL INCIDENT OBJECTIVES

1. Provide for the health, safety and welfare of all personnel working in and around the incident.
2. Coordinate with all involved agencies to support the operational needs of the incident.
3. Document all critical items and significant events.

Each sector will have Planning and Documentation personnel assigned to support incident objectives. Specifically, they are tasked to update maps, continue to provide resource tracking, record prior and current significant events and provide liaison services at the request of Sector Chief. Interagency cooperation is essential to mission success.

INCIDENT COMMAND

Incident Commander	AC Cruthers
Executive Officer	DC Hayden (day)
Assistant Executive Officer	DC Benson (night)
Operations Section Chief	DC Callan (0700-1900)/DC Fellini (1900-0700)
Logistics Section Chief	DC Blaich
Planning Section Chief	BC Pfeifer
Search and Rescue Chief	BC Norman
Hazardous Materials Chief	BC Ingram
EMS Chief	AC Pascale (0600-1800)/DC Hannafey (1800-0600)

OPERATING FACILITIES AND LOCATIONS

Incident Command Post	100 Duane Street
Operations Center:	1010 Station (Liberty & Greenwich)
Liberty Sector	Liberty & West
West Sector	Vesey & West
Church Sector	Liberty & Greenwich
Vesey Sector	Church & Dey

SECTOR CHIEFS 0530

Liberty Sector	<u>DC McKnight</u>
West Sector	<u>DC Rappe</u>
Church Sector	<u>DC Jensen</u>
Vesey Sector	<u>DC Didiminica</u>

1330

<u>ADC Biey</u>
<u>DC Hughes</u>
<u>DC Hay</u>
<u>DC Spadafora</u>

2130

<u>DC McNeela</u>
<u>ADC Jordan</u>
<u>DC Mulrenan</u>
<u>DC Messbauer</u>

OFF

<u>ADC Ferran</u>
<u>DC Corcoran</u>
<u>ADC Ievolo</u>
<u>DC Esposito</u>

RESOURCES

FDNY WTC TF	300 (Total Firefighters/Officers) per 10-hour shift
PD ESU	100 Officers per 12 hour shift.
FEMA US&R	2 Task Forces – Split shift – 31 persons per task force per 12 hour shift CA-3, CO-1.
FEMA RRTF	NE-1 located off site – operating as a Rapid Response TF to Supplement FDNY capabilities.
SWA IMT	1 to 2 per sector to assist with planning and documentation.

PLANNED ACTIONS AND OPERATING INSTRUCTIONS (Next 24 hours)

1. 300 Ton crane is in place at Washington & Liberty Streets. Debris removal and void search operations will continue. FDNY SOC, PD ESU personnel and (1) FEMA US&R Task Force have been assigned to this location.
2. 800 Ton crane is in place on West St. Debris removal and void search operations will continue in the North tower area. FDNY SOC, PD ESU personnel and (1) FEMA US&R Task Force have been assigned to this location.
3. Based on the anticipated placement of a 1000-ton crane on West St. in the proximity of the Marriott WTC Hotel, contractor is placing required matting to facilitate crane placement and operations.
4. Steel cutting operations with the utilization of oxy-acetylene cutting set-ups (and subsequent removal of debris by rigging and heavy equipment) **is to continue at the most rapid pace possible.** FDNY SOC, PD ESU and FEMA US&R personnel are to be utilized as the primary source to accomplish this mission. Ironworkers can be utilized to assist and supplement this function, but keep in mind - this is a rescue operation. All available cutting set-ups should be utilized on a continual basis as conditions permit. Void search operations will follow these cutting operations as voids are exposed. These cutting and void search operations will occur in all sectors as required.
5. All personnel operating on the north and south towers will be in bunker pants as required due to the high heat level being generated on the lower levels of the debris piles. Consideration should be given to stretching protective hand lines as required in all areas of operations. Protective hand lines are in place at the North Tower, continue to operate as required.
6. NO void search operations without approval of FDNY Sector Chief in the North and South Towers. Use this time to facilitate the placement and use of large caliber water streams onto areas affected by fire on the north and south towers.
7. NTSB has five camera points and is setting up a sixth one that will assist in locating the flight recorders.
8. Void search operations will continue in the Winter Garden area as heavy steel is removed by crane. A FEMA US&R engineer will be assigned to this area for ongoing evaluation of condition. FD SOC personnel and PD ESU personnel will continue to conduct void searches as required.
9. Review operational / engineering plan to facilitate removal of the South and West façade walls still standing in the South Tower area. FDNY, FEMA US&R, DDC and site construction manager to review plan and evaluate results of recent demolition.

WEATHER FORECAST

Day Party Cloudy, Winds SW 12 mph, 30% chance of showers – up to .1", High of 66 F

Night Party Cloudy with a 30% chance of precipitation – up to .25", Winds W 10 mph, Low of 55 F.

Anemometer Locations: 11th floor of the Verizon Building
1010 Fire Station

SPECIAL INSTRUCTIONS

FDNY Sector Chief's will approve all searches.

Review posted information regarding Minimum Protective Equipment Requirements, Site Safety, Evacuation Warning Signals, Site Hazards, Blood Borne Pathogens and Hazard Markings on Buildings.

Document on the grid map dated 09/20 or later and in the sector operations log locations of any victims, public safety personnel, apparatus and equipment found.

When public safety personnel, apparatus and/or equipment are found, please protect the area and notify the appropriate agency for appropriate documentation and removal.

If weapons or ammunition are found, secure the area and immediately notify law enforcement authorities.

Upon approval of FDNY Operations Section Chief, only physicians will perform field amputations.

Individuals within the Green Line must wear minimum recommended safety gear. See attached map.

Damaged SCBA Tanks:

1. If possible, slowly remove air pressure by opening valve.
2. If the valve is damaged or missing – do not remove tank and notify Sector Chief.
3. Sector Chief will notify Operations Command Post for relay to HazMat Operations for further instructions.

As of 1700 hours today (9/27/2001) only white, non-photo credentials will allow access into the site. The new credentials are available at IS 89. Security checkpoints have a list of exempt agencies.

VIPs must be escorted to the OEM command bus at West and Warren before visiting the site.

ANTICIPATED ACTIONS (72 hours)

1. Continue in the above-listed operations.
2. As other crane(s) are set up and / or relocated, continue in the accelerated debris removal and void search operations. Concentration of operations will be in the following prioritized order as conditions permit:
North Tower
Marriott WTC Hotel
South Tower
3. Plan received from DDC is being evaluated on an ongoing basis regarding disposition and process for removing remaining vertical wall sections and limited debris removal process at the Winter Garden building.
4. Perimeter security will continue to be tightened.
5. Four additional wind speed indicators will be operational by Thursday evening at 125 Vesey; West & Warren; one on the SW corner of the site and another on the NE corner of the site.
6. Review and evaluate Draft Freon Removal Plan from Port Authority.
7. 1000 ton crane on schedule for Friday operation.

LOGISTICS

- Access points are as follows:
 - West & Chambers Vehicle and Pedestrian access
 - Church & Chambers Vehicle and Pedestrian access
 - Murray & Broadway Vehicle access only
 - Trinity Place & Rector Vehicle access only
 - Carlisle Street (West) & Rector Vehicle and Pedestrian access.
- There are several authorized volunteer EMS agencies in service.
- There will be five (5) authorized meal sites. They are:
 - St. John University 101 Murray.
 - Spirit of New York cruise ship berthed at the north pier.
 - McDonald's on Fulton between Broadway & Church.
 - Uncle Ben's between Vesey & Murray
 - The Salvation Army on West St and Murray Street

FOOD VENDORS

- The DOH in conjunction with the NYPD will work toward taking down the unauthorized eating / feeding areas

SANITATION

- Personal hygiene stations are in place on Liberty, between Church & Greenwich
- Personal Hand Washing Stations are available at all the above meal sites.
- Boot washes, hand and eye wash stations area available at West and Murray St Johns Univ.
- Additional washes and showers are available on a limited basis at the Liberty Street Marina on a limited basis to augment the entrance/exit facilities

CACHE SITES

- Three sectors now have operational CACHE units.

West Sector-	Port Authority
Liberty Sector-	NYPD
Church Sector-	FDNY

COVERALLS

- Coveralls for FDNY staff will be available at West/Murray/Chambers Street Area.
- Tradewinds Laundry Service will pick up & distribute from the World Fair Marina.
The tent will be staffed with their personnel who will collect and size the coveralls.
Pick up and drop off times:

Outbound Crew	In Bound Crew
530	0700-0900
1330	1430-1630
2130	2230-2330

The laundry will be done at their commercial facility in L.I.C.
4000 units shipped to WFM

NOTIFICATION

The E train is now running under Church Street. It will discharge passengers at Chambers Street Station and proceed south at less than 10 mph to WTC station. A switch will be activated and the train will proceed to the north at less than 10 mph to the Chambers Street Station where it will take on passengers. The WTC Station will remain closed.

SAFETY – YOUR PERSONAL RESPONSIBILITY!

Your attitude about safety affects you, your teammates, innocent bystanders and especially your loved ones at home. There are numerous injuries occurring each day. Some we cannot specifically address, but others we can. Injuries to eyes and lungs and lacerations can be prevented or at least reduced by wearing the appropriate personal protective equipment identified below.

Hazards:

- Due to the instability of Winter Gardens Atrium between 2 and 3 World Financial Center, all personnel shall remain clear of that area. Safety Chiefs for Liberty and West Sectors shall monitor for compliance
- Potentially pressurized cylinders including: SCBA's; gas cylinders such as propane, ammonia, chlorine, etc.
- Possible live ammunition at WTC 7, Barclay Street Ramp and the Customs House
- Walking, Working Surfaces
- Falling Debris
- Airborne Contamination
- Bio-Hazards, Universal Precautions
- Cutting, Welding-Compressed Gasses
- Cylinder Storage
- Vehicular Traffic
- Backing Vehicles
- Excavation Equipment
- **CRANE Operations-** Be aware of swing & stress cables and whipping of broken cables
- *****On 9/26 at approximately 1430 hours a crane operating in the North Tower area snapped a cable while hoisting a load. This caused the load to drop narrowly missing 4 workers.**
- Sewer Grates, Trenches, Manholes – possible collapse or a vector for the release of toxic gas vapors

Mitigation: LOOKOUTS posted, COMMUNICATIONS reliable, ESCAPE ROUTES planned and known by all, SAFETY ZONES planned and known by all

- **EVACUATION SIGNAL – 3 BLASTS**
- Each Sector Command **MUST** assign a Safety Officer
- Each Sector Command **MUST** assign a **FAST** Truck for Emergency Response
- Treat all cylinders as pressurized & volatile
- Work with a buddy who has visual contact with you
- Control Site Access – allow only authorized, trained & properly equipped personnel inside the “green zone”
- Maintain Site Safety Awareness
- Be aware of changing conditions
- Do not eat or smoke in the work zone (Hand washing prior to eating)
- Scout out, identify, plan, and advise others of escape routes in event of emergency of any type
- Climb with proper protection at all times
- Mandatory head and eye protection at all times
- Look overhead and be aware of all surroundings
- Change respirator filter when resistance is felt from air flow or at least after every shift
- Have a reliable means of communications

Protective Equipment: **MUST WEAR MINIMUM RECOMMENDED GEAR WITHIN THE “GREEN ZONE”**

- Hard Hat or helmet
- Respirator with replaceable P100 organic vapor/acid gas cartridges
- Steel toed boots or equivalent
- Coveralls or Long Sleeve Shirts
- Safety glasses with side shield / face shield / goggles
- Leather Gloves with latex (or nitrile) glove liner

Site Safety Awareness:

- Your attitude
- As we continue to work the scene, we may often take more chance and risks than necessary.
- Be aware of YOUR surroundings.
- Plan for the HAZARDS of the job.
- USE safety equipment at all times.
- Doing your part to prevent/reduce accidents in the work zone.
- Watch out for your co-workers on the scene

Victim Family Visit to Red Zone

Scheduled Tours

Sept. 26, 2001

15:00

Starting Sept. 27, 2001

Daily 10:30, 12:00, 14:00

Tour Group

Approximately 73 persons per trip

Victim Family

10 Families, 5 members per family

Mental Health Professional

2 PD, 5 DOH, 5 Red Cross

Security

3 NYSP, 3 NYPD

Support

5 Mayor's Community Assistance Unit

Tour Route

1. Depart from Pier 92 to North Cove Marina
2. Disembark at North Cove Marina's New York Waterways dock
3. Walk around Marina to Liberty Street and West Street
4. Lay flowers at the Marina's promenade perimeter
5. Embark at New York Waterways dock
6. Depart from North Cove Marina to Pier 92

Route will be adjusted daily to reflect Red Zone condition

Contacts

Conrad Vazquez

917-682-3469

CAU (Mayor's Community Assistance Unit)

Jose Baptista

917-882-8998

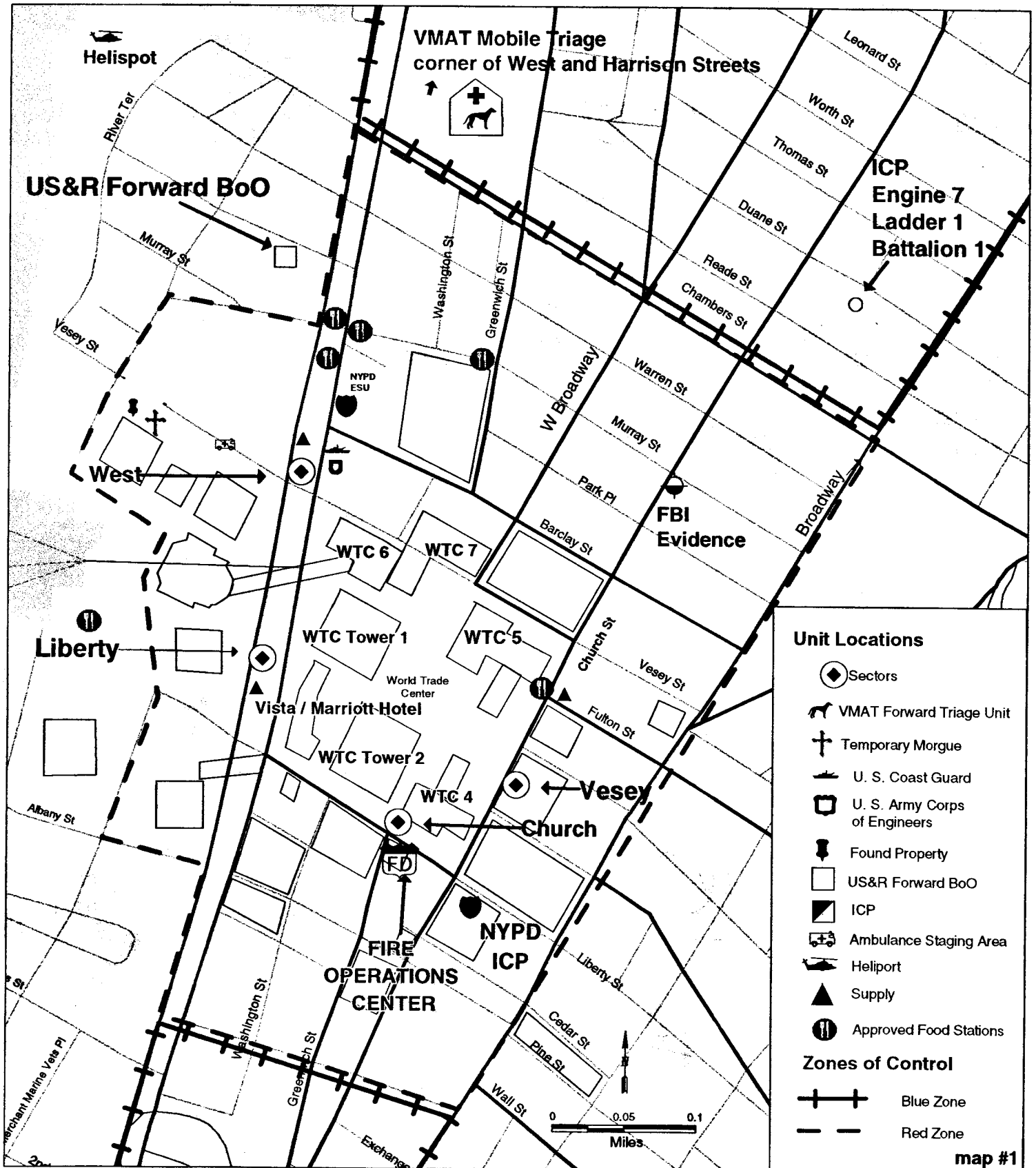
OEM

ON PLAN
APPROXIMATE

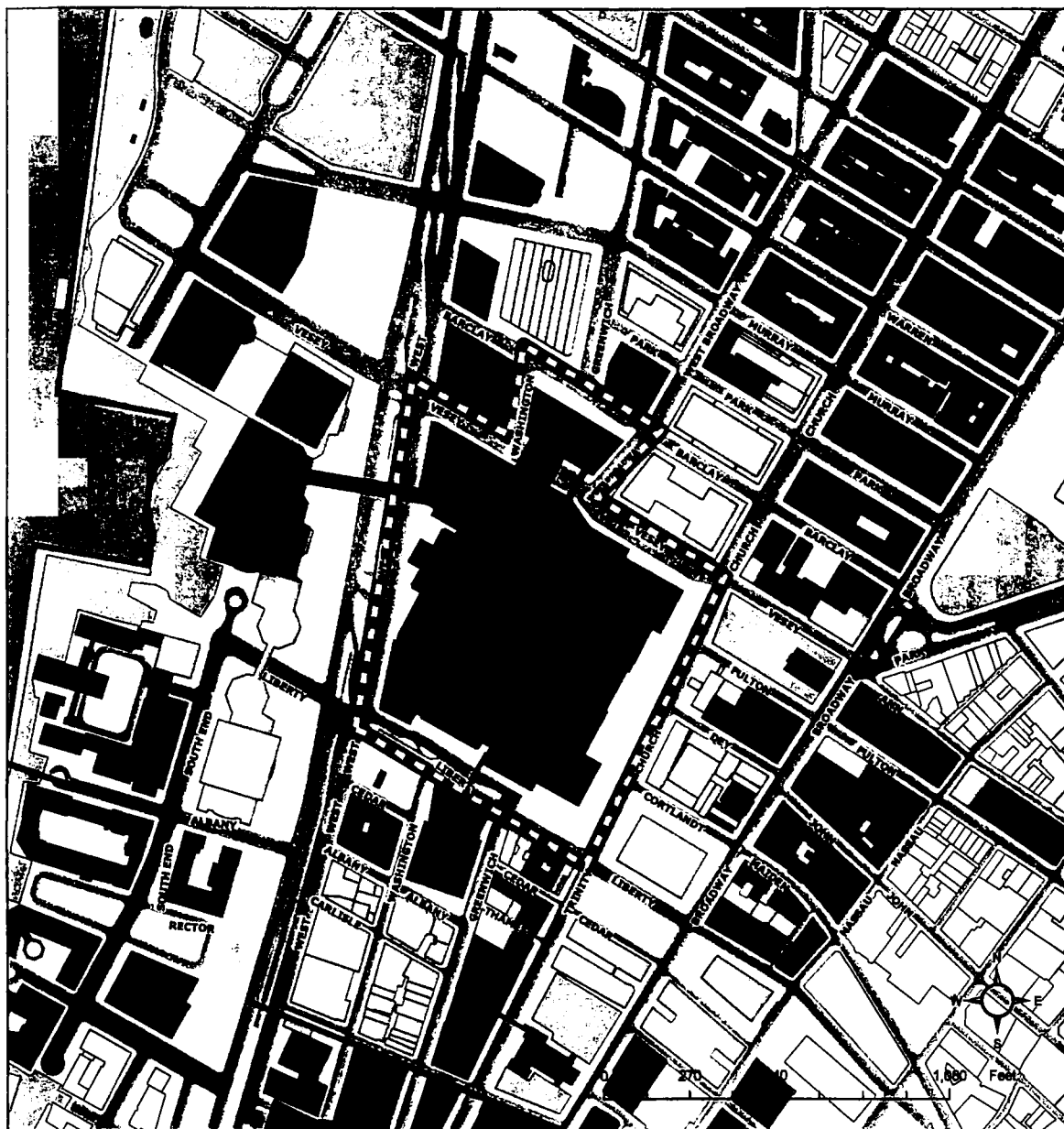




DR-1391-NY New York City Facility Locations - September 26



**SAFETY AREA WHERE GEAR IS NEEDED AT ALL TIMES
ON, ABOVE, OR WITHIN 25 FEET OF THE RUBBLE PILE**



Minimum Safety Gear:

- * Hardhat or helmet
- * Safety glasses with side shields, Face shields or Goggles
- * Half-face re-usable respirator with P100, organic vapor/acid gas (OVAG) cartridges when on, over, or above the rubble pile. P100 or P100 OV can be used when away from the rubble pile. Change Cartridges after every shift.
- * Leather gloves with latex (or nitrile) glove liner (or equivalent) when handling human remains.
- * Coveralls or long sleeved work shirt
- * Steel-toed boots (or equivalent)

Eye and respiratory protection is strongly advised whenever dust or smoke from the rubble occur outside the areas noted above.

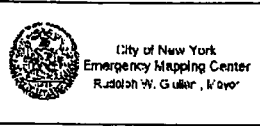
**Fit-checking is needed to assure proper seal.
Facial hair can prevent an adequate respirator seal.
Entry into confined spaces with unknown or untested
atmospheres requires air-supplied respirators.
Welders need appropriate eye protection and leathers.**

Do not smoke or eat when on, above, or within 25 feet of the rubble pile.

Legend

- | | |
|--|--|
| | Safety Zone |
| | Off Limits to Public |
| | Parks |
| | Not Affected |
| | Inspected But Not Affected |
| | Damaged But Stable Repairs/Cleaning Required |
| | Major Structural Damage No Occupancy |
| | Partially Collapsed |
| | Destroyed |

NYC Department of Health



Disclaimer: The City of New York does not certify the correctness of any information provided on this map and is not liable for any actions taken or not taken by any persons.

Revised 9/25/01