

FDNY
INCIDENT ACTION PLAN
OPERATIONAL PERIOD
SEPTEMBER 26 – 27, 2001
0700 – 0700



Plan 5

Peter E. Hayden

FDNY INCIDENT ACTION PLAN

OPERATIONAL PERIOD

09/26/2001 – 0700 through 09/27/2001 – 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
Operations Section Chief	DC Butler (0700-1900)/DC Meyers (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 Pascal (0600-1800)/DC Friedman(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>ADC Biey</u>
West Sector	<u>DC Hughes</u>
Church Sector	<u>DC Hay</u>
Vesey Sector	<u>DC Spadafora</u>

1330

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

2130

<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. No operations of any kind to be conducted at the Marriot Hotel or the South Tower area until further notice pending final removal of all overhanging steel hazards.

2. 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.

3. 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.

4. 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.

5. 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.**

6. 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.

7. Due to the hazards involved, limit void search operations during the night shift 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.

8. NTSB has five observation points and is setting up a sixth one that will assist in locating the flight recorders.

9. 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 continue to conduct void searches as required.

10. 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.

WEATHER FORECAST

Day Party Cloudy, Winds SW 10 mph, 0% chance of showers, High in the upper 60's F

Night Party Cloudy with a slight chance of precipitation, Winds SW 10 mph, Lows in the mid 50's F.

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

SPECIAL INSTRUCTIONS

Sector Chief's will direct all searches. No more general searches will be conducted.

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 Operations Section Chief, only physicians will perform field amputations.

Individuals within the Green Line must wear all 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 (9/26/2001) only blue, 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.

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 and being reviewed 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. Three additional wind speed indicators will be placed by Thursday.
6. Draft Freon Removal Plan from Port Authority to be received by 1800.

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 across from Rector 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

Hazards:

- 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
- Sewer Grates, Trenches, Manholes
- Personnel need to be aware of possible live ammunition at WTC 7, Barclay Street Ramp and the Customs House.
- **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**

Mitigation:

- **EVACUATION SIGNAL – 3 BLASTS**
- Each Sector Command **MUST** assign a Safety Officer
- Each Sector Command **MUST** assign a **FAST** Truck for Emergency Response
- Work with a buddy who has visual contact with you
- Control Site Access
- Maintain Site Safety Awareness
- Be aware of changing conditions
- Do not eat or smoke in the work zone (Hand washing prior to eating)
- Plan 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 with air flow –usually after 3 days
- Have a reliable means of communications

Protective Equipment:

- **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**

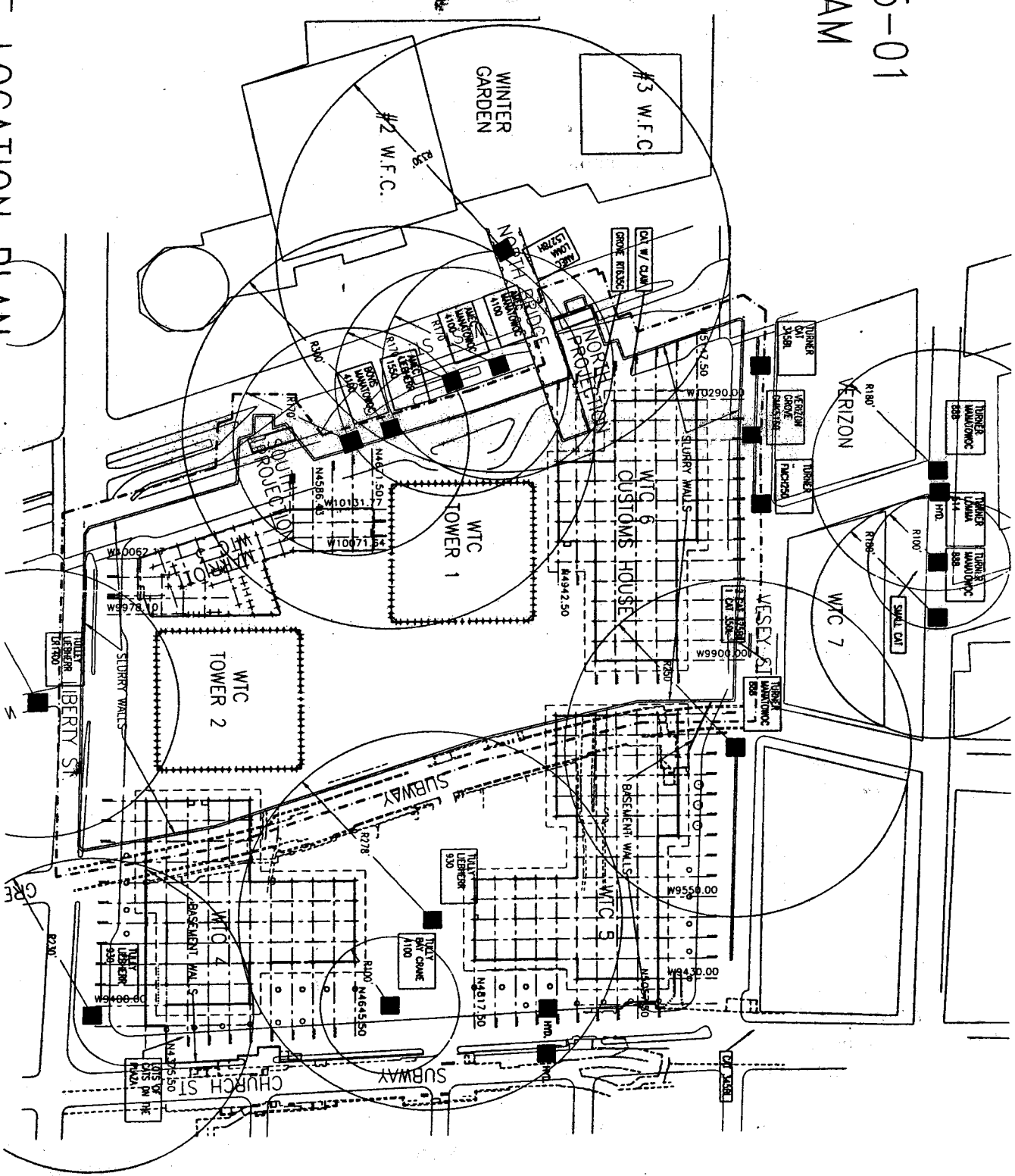
SITE SAFETY-AWARENESS

- * As we continue to work the scene, we may often take more chance and risks than necessary.
- * Be aware of YOUR surroundings.
- * Be aware of the HAZARDS of the job.
- * USE safety equipment at all times.
- * There have been numerous accidents in the work zone.
- * We need your cooperation in eliminating injuries.
- * We will be developing plans and ideas to help reduce injuries.
- * Take a look at the top injuries and help your co-workers on the scene.
- * **EYE INJURIES**-Use eye protection at all times
- * **LACERATIONS**- Wear Gloves and proper clothing

09-25-01
7:30 AM

CRANE LOCATION PLAN

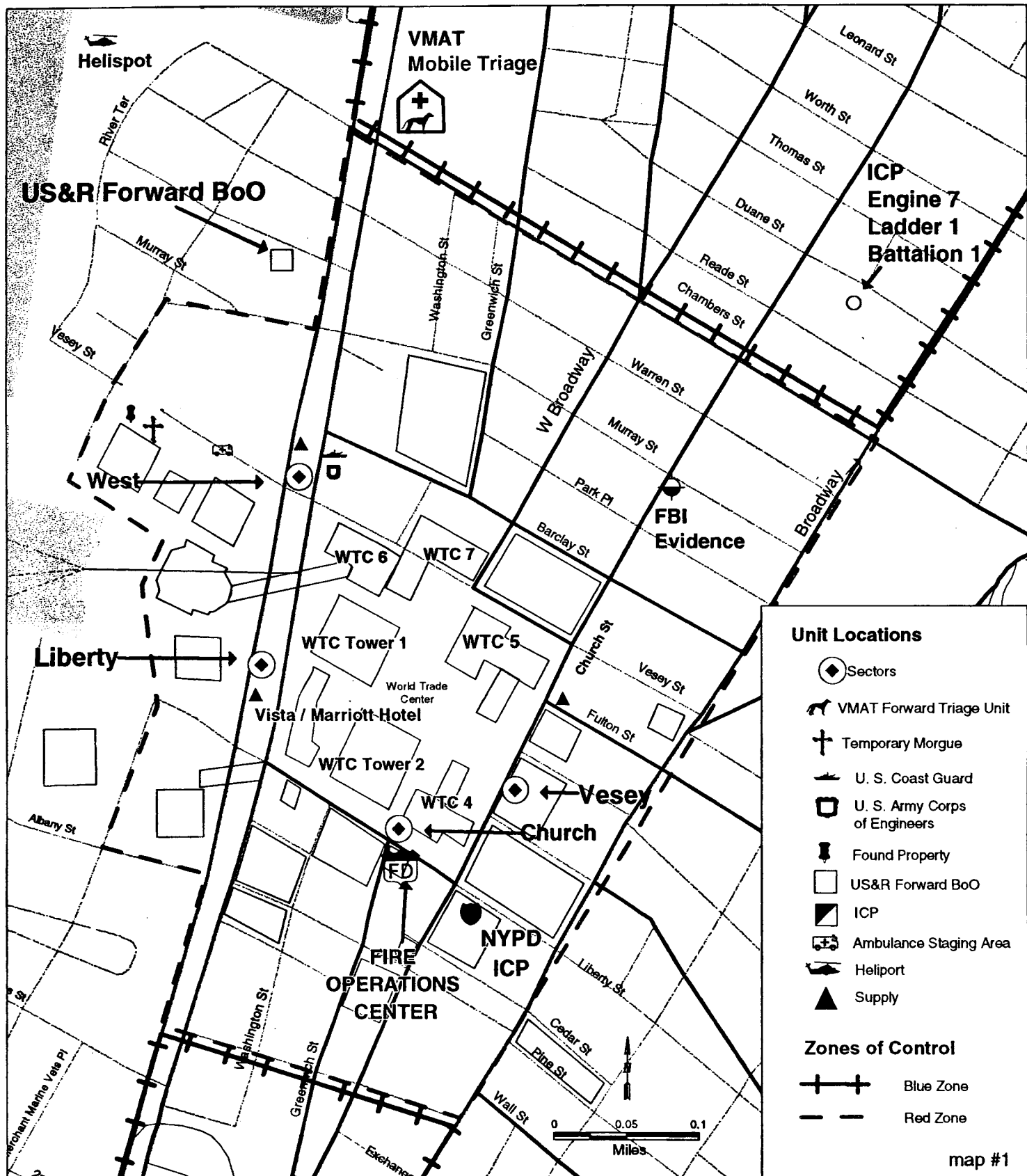
LOCATIONS AND BOOM REACH APPROXIMATE



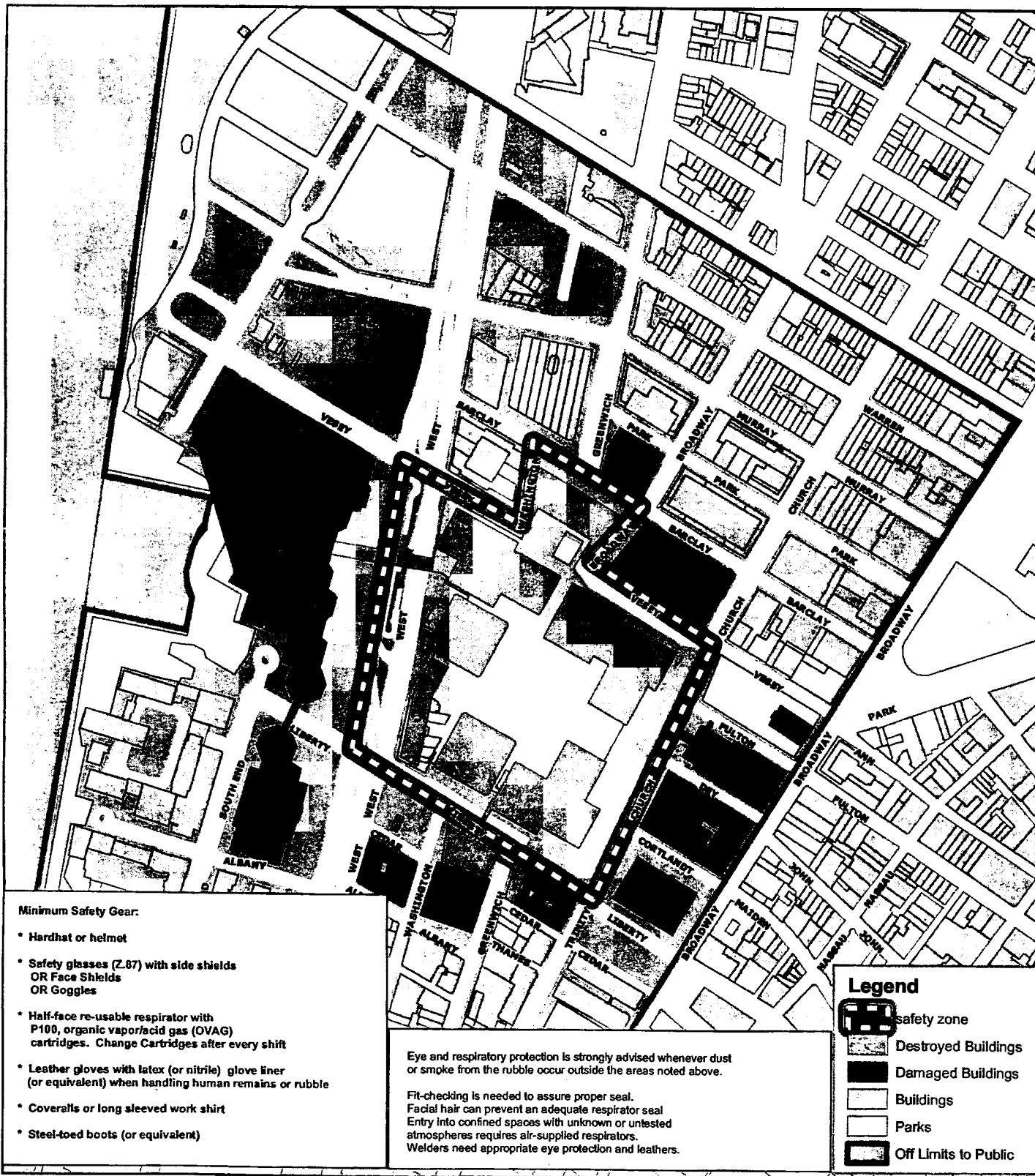
LZA / THORNTON - TOMASETTI



DR-1391-NY New York City Facility Locations - September 24



SAFETY AREA WHERE GEAR IS NEEDED AT ALL TIMES OR WITHIN 50 FEET OF THE RUBBLE PILE



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.

0 190 380 760 1,140 1,520 Feet



City of New York
Emergency Mapping Center
Rudolph W. Giuliani, Mayor