

WNYF





ABOVE
Units of Battalion 58 prepare to move in at this all-hands fire in a one-story taxpayer at Brooklyn box 2208, 9418 Church Avenue. The fire occurred at 1530 hours on February 27. Photo by Michael Martinelli

FRONT COVER
This fifth-alarm fire at Manhattan box 165 involved a six-story, class 3 warehouse. The November 4, 1992, fire started on a lower floor and quickly spread to the upper floors and cockloft via shafts and voids. The box was transmitted at 1814 hours. Photo by Fr. John Strandberg

BACK COVER
The quarters of Engine 33 and Ladder 9 were rendered in watercolor by self-taught artist Anna L. Schermerhorn. Anna is a curatorial assistant at the American Museum of Natural History.

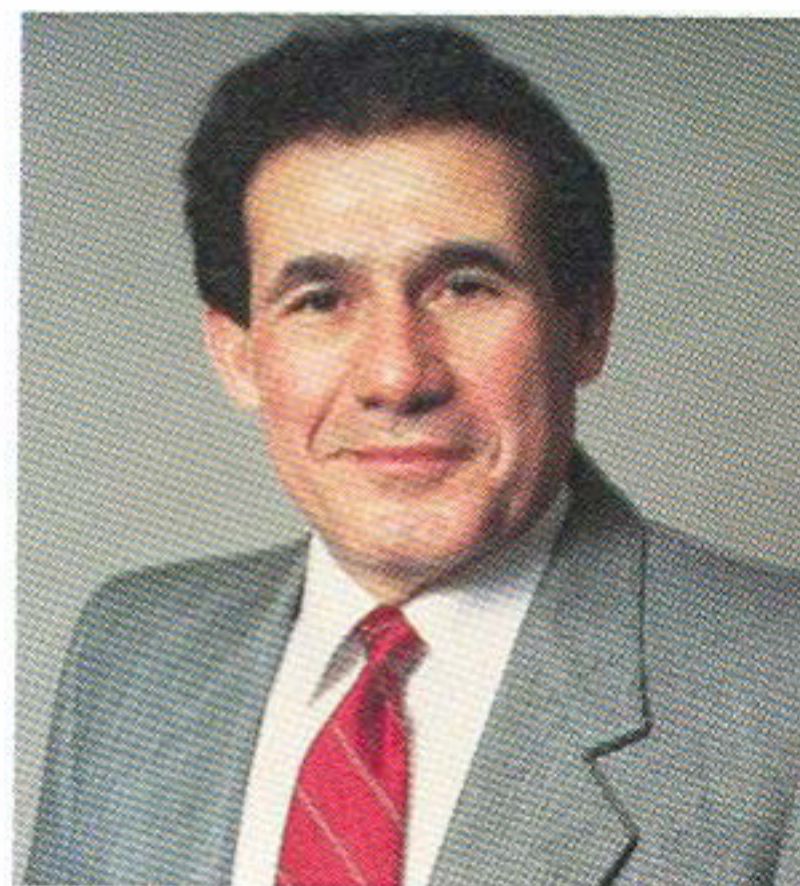
At 1218 hours on February 26, 1993, the Manhattan Central Office received the first of more than 1,000 calls reporting the explosion and fire at the World Trade Center. For days afterward, the story of the Trade Center bombing monopolized the media, not only in New York City but throughout the nation. The attack on this towering symbol of America's wealth and prestige provided journalists with seemingly inexhaustible story lines.

The Fire Department, of course, received a share of media attention during the operation. But as so often happens, the focus quickly shifted from the event itself to other aspects of the story—the international intrigue and malevolent terrorists.

This shifting focus unfortunately left untold a large part of this Department's story. The response to the Trade Center fire and explosion was the largest single response in the history of the FDNY. At the height of the operation, there were 148 Fire Department units and more than 750 officers and firefighters at the scene. We maintained units on scene until 1800 hours on March 24, 1993, to ensure safety

during the extensive post-incident investigation activities. Members of this Department spent hundreds of hours working with Port Authority personnel and others to expedite the restoration and testing of fire safety systems so that the buildings could safely be reoccupied in the shortest possible time.

The Trade Center bombing and



CARLOS M. RIVERA
Fire Commissioner

its aftermath challenged this Department at every level. It tested our capacity to respond to such an unparalleled incident while still maintaining fire protection throughout the city. We did

this, even while two multiple-alarm fires were occurring in other boroughs during the height of this massive incident.

It tested our ability to respond to the continuing post-incident problems attendant to a disaster of this magnitude. We worked very closely with the Port Authority and various law enforcement agencies and accomplished their often divergent goals of a slow and thorough site investigation and a rapid reoccupancy of the Twin Towers.

The Trade Center explosion taught us many lessons. Some of these will lead to changes in our operations and procedures. Others will lead to changes in city codes and in our enforcement power in buildings exempt from New York City codes.

The most important lesson, however, is not one newly learned, but one reinforced: the lesson that the men and women of this Department are not only New York's Bravest but its most reliable, resourceful, and resolute public servants. Whatever else this city learns from the Trade Center tragedy, that lesson is one that all New Yorkers will always remember.

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Kenneth Cerreta

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history. This preliminary report gives a
broad picture of that day's tremendous
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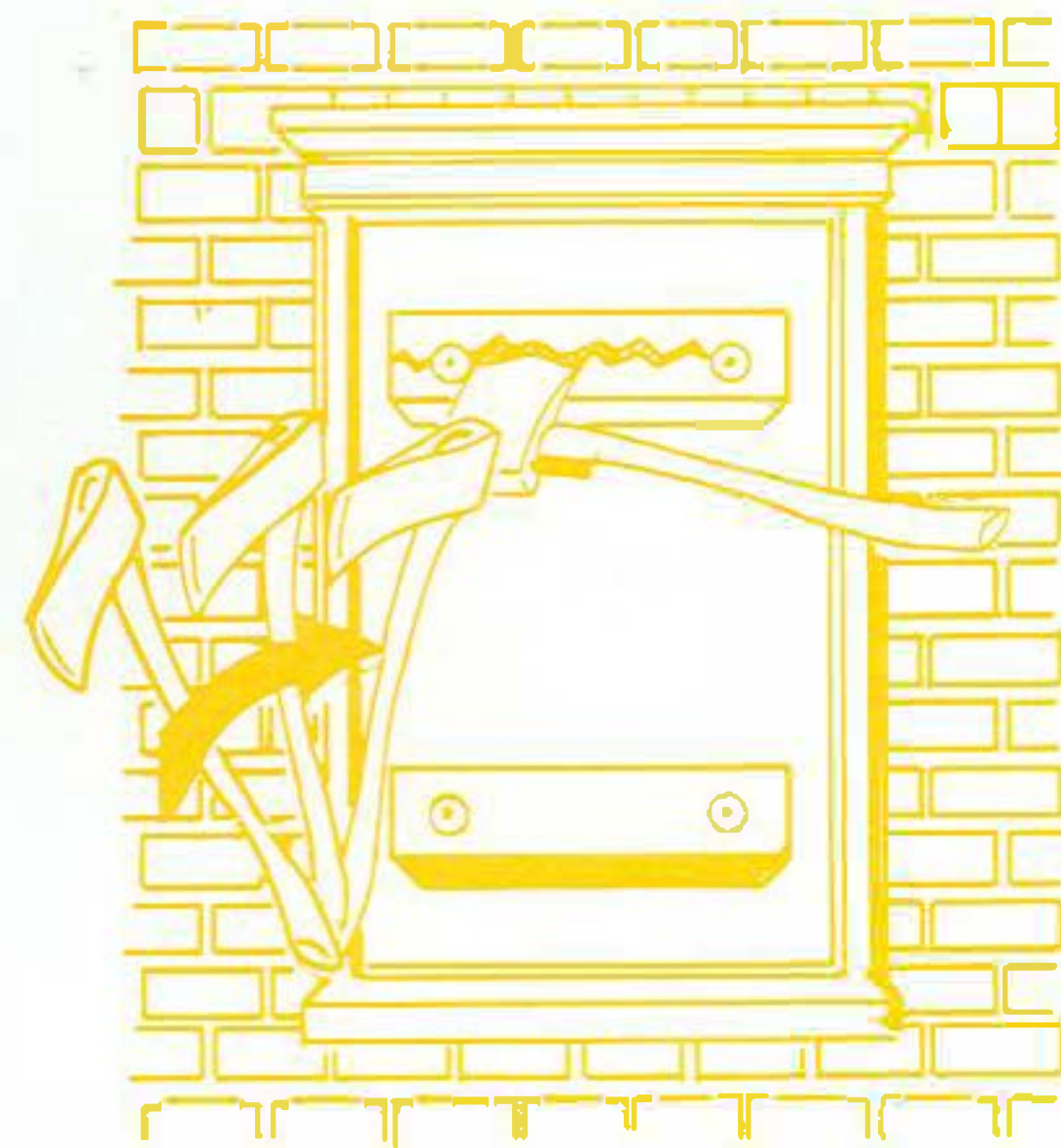
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shortened turnaround time and saved
the Department millions of dollars.

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Despite a wide-open interior, the configuration of this huge Navy Yard building

Construction

B

BY SALVATORE J. SANSONE

Deputy Assistant Chief
Bureau of Operations

NAVY YARD:
See sidebar, p.7.

Separate
tower structure

Prefab units

Box 8050
1834 hours

uilding 294 of the Brooklyn Navy Yard, built during World War II, was used for the construction of submarines. It's a cavernous building with more than 100,000 square feet of production area and a *mold loft* (for molding submarine parts) about 90 feet above the main floor. A separate, 20-foot-deep structure attached at the front contains office space and two fire tower stairways. When fire struck on October 30, 1992, the building was occupied by New York Modular, making prefabricated residential units at a capacity of 3,000 square feet per day.

The building's size and unusual construction would be the makings of a long, difficult operation—48 hours long and involving more than 200 FDNY units.

In transmitting the alarm, the dispatcher stated that there was a report of a

Fire on roof

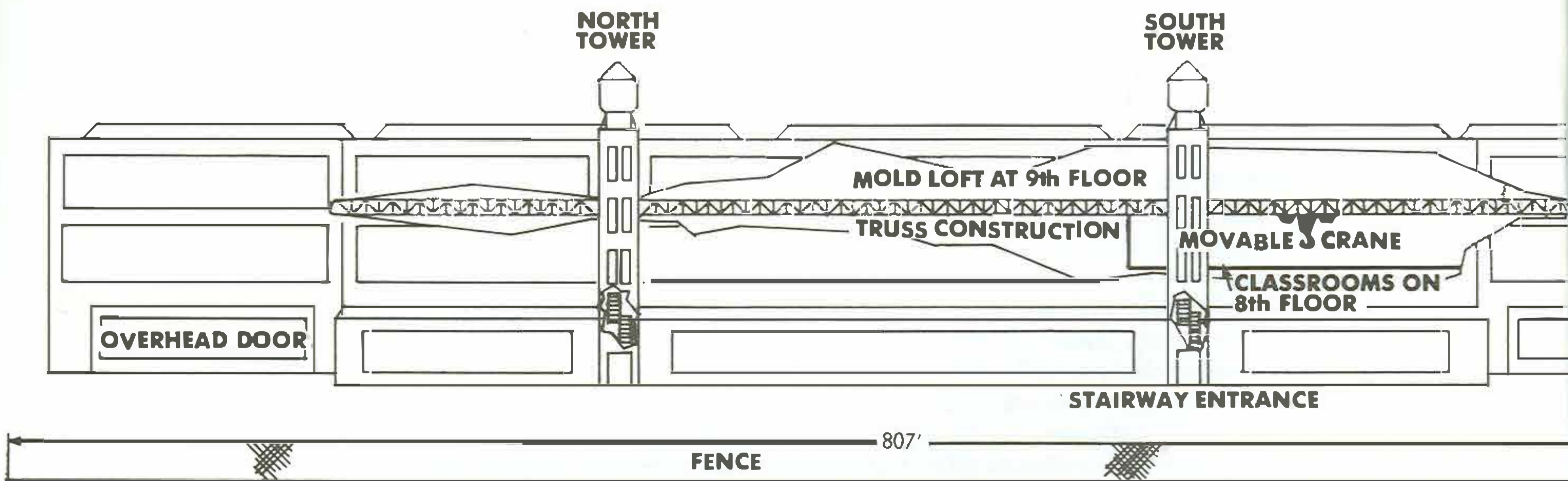
10-75
1840 hours

Magnitude
obscured

fire on the roof of the building. Division 11, where I was a deputy chief at the time, is assigned on alarm boxes in the Navy Yard, and we responded. Engine Co. 211, though third-due on the box, was the first-arriving unit because the company's firehouse is near the Navy Yard's Kent Street gate and the experienced chauffeur, Fr. Bill Corsello, knew the location. Capt. Brendan Rynn transmitted the 10-75.

Approaching this large building, we could see a glow from the interior. But we couldn't get a clear picture of the fire's magnitude because the windows were made of cloudy, corrugated, wire-reinforced glass. The exterior walls were composed of these windows (in metal frames) and sheet metal panels.

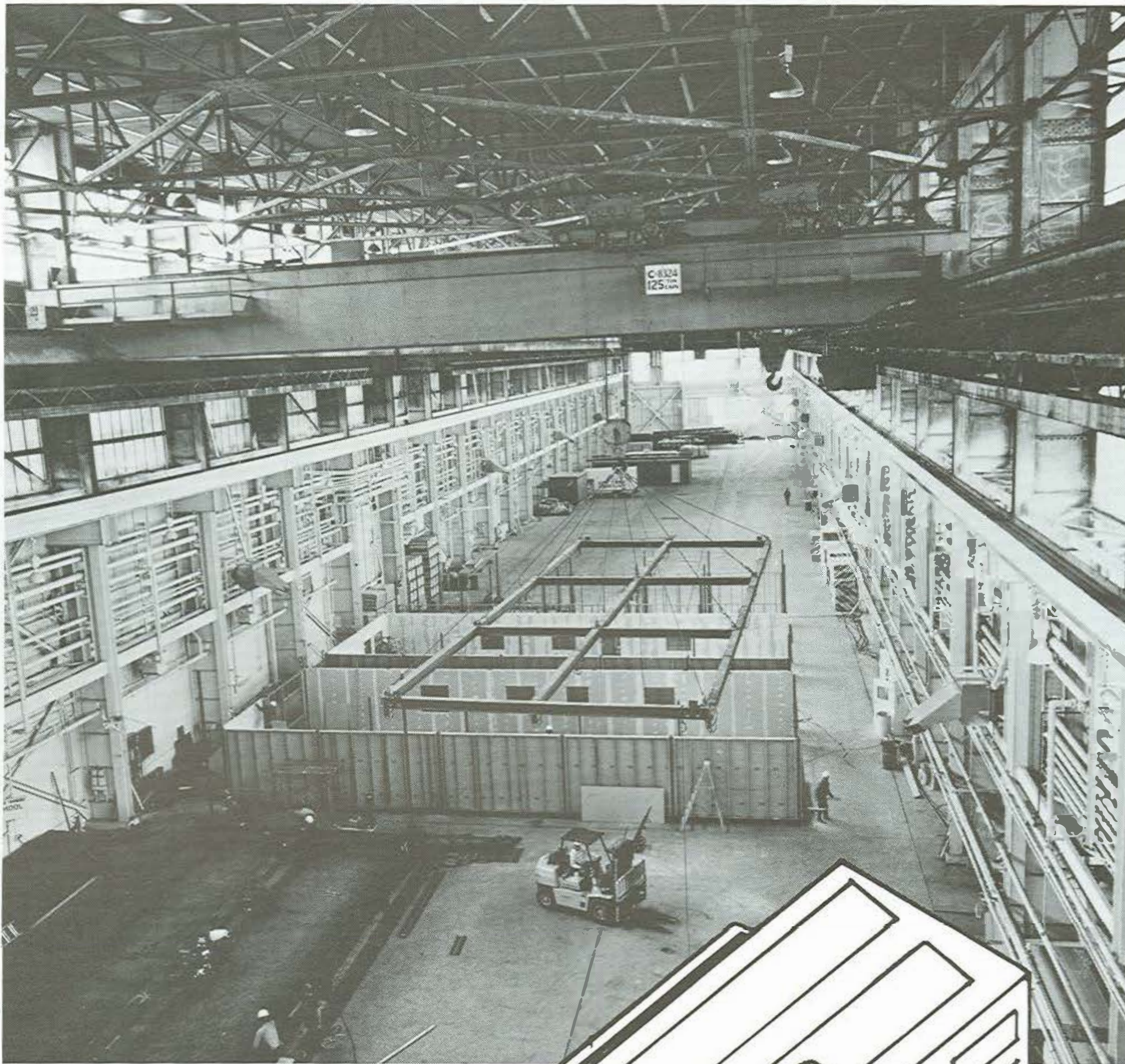
Although we didn't yet know the size of the fire, a second-alarm assignment was clearly needed because of the size of the building and the number of personnel it



BUILDING CONSTRUCTION AND DIMENSIONS: FRONT VIEW

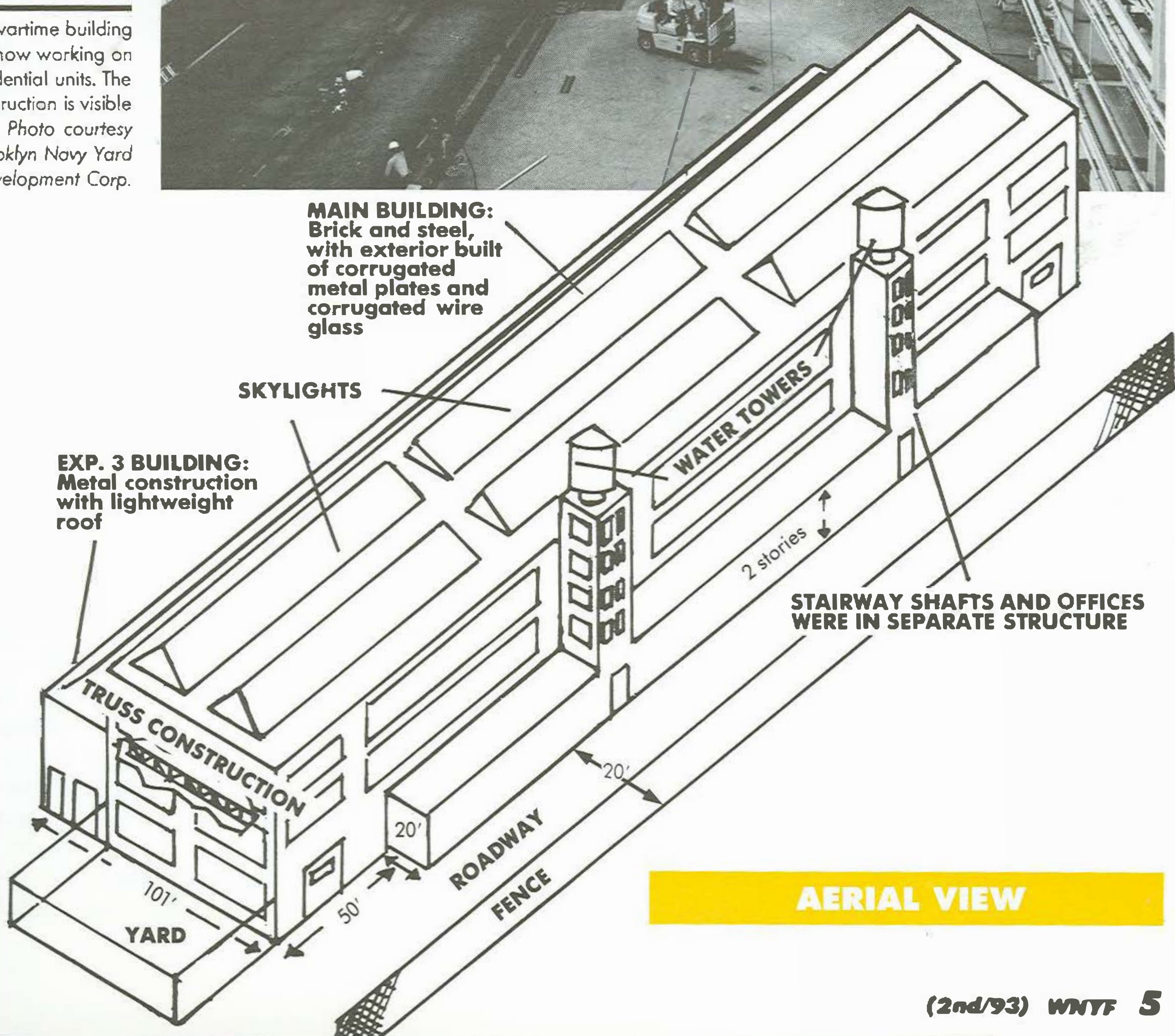
made the fire inaccessible for hours.

Delays



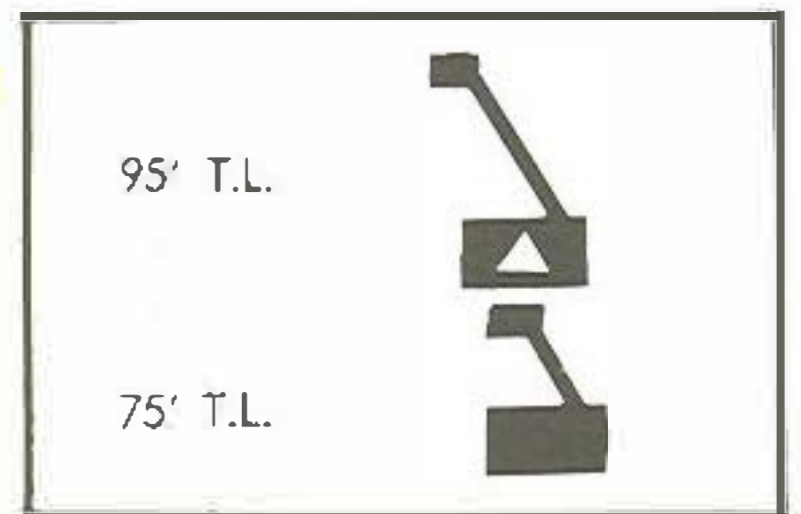
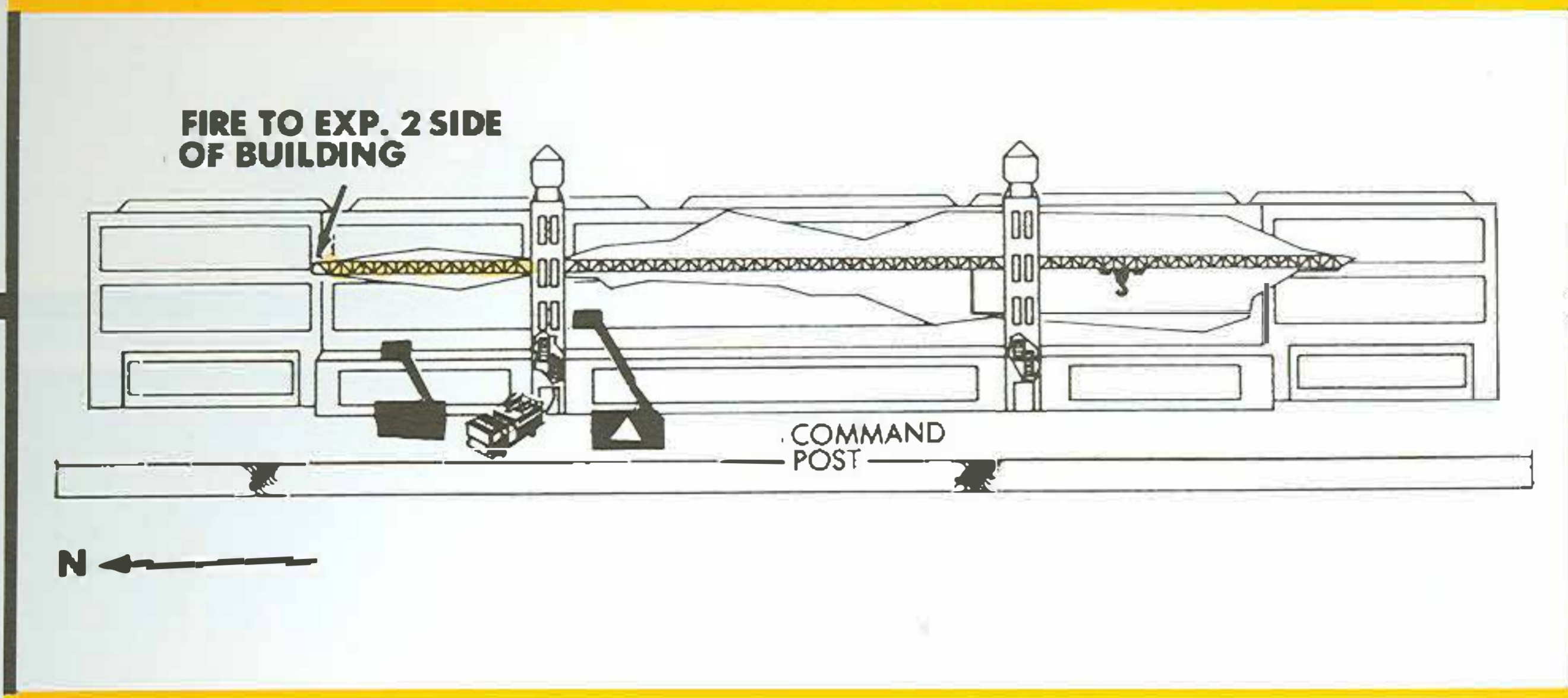
TO FIT A SUBMARINE

The interior of this wartime building dwarfed employees now working on prefabricated residential units. The mold loft's truss construction is visible overhead. Photo courtesy of the Brooklyn Navy Yard Development Corp.



AERIAL VIEW

FIRST INTERIOR SIZE-UP



2-2
1846 hours

would take to put lines and equipment in place. I transmitted the second alarm when I arrived.

Reports soon started coming in from the first-arriving units.

B.C. Robert Hesse, Battalion 31, contacted me. He had entered the main building at the north end and was now able to give me a good size-up: It had a wide-open interior. About 20 feet below the sawtooth roof, there was a floor which ran the complete length of the building—about 800 feet. The fire was burning on the underside of this floor over a large area and was heading toward exposure 2; it might be accessible only by tower ladders. The first floor was being used to build prefabricated homes; this would cause a problem if the fire dropped down onto the construction materials.

With this information in hand, I transmitted the third alarm. Given that the fire was 90 feet above street level, there would be a need to supply more than one tower ladder, to assist with water supply when the Maxi-Water Unit and Marine Co. 6 arrived (both were assigned on the box), and to stretch 2½-inch handlines up the fire towers.

A security officer had helped Ladder 110, the first-arriving truck, to locate the best entrance to the fire area; this turned out to be the north fire tower. The company forced entry on the ground floor and climbed the stairs to the fire floor, which was the 9th floor. Confronted with heavy smoke and seeing the large open area, Lt. Wayne Smith immediately asked the chauffeur to bring up search ropes.

Engine 211's Capt. Rynn ordered a 2½-inch line stretched up the well hole of the north tower to the fire floor. This was accomplished with the use of three engine companies. Capt. Rynn reported that his company was unable to put water on the fire because it was burning on the underside of the mold loft (in the air space

between the plywood floor and the corrugated steel below it).

After calling for search ropes, Lt. Smith of Ladder 110 had wisely headed to the floor below to get a better picture of the fire floor. But he discovered there was no "floor" below—only a catwalk. From it, Lt. Smith saw the fire beneath the floor spreading toward the exposure 2 side of the building. At this time, he received word from Ladder 110's outside vent and roof members, who were on the roof, that they had vented large skylights, but conditions were worsening.

Division 11 ordered all members off the roof. Ladder 110 then operated from the protection of the fire tower, assisting the engine companies.

Based on the conditions reported by the companies in the north tower and B.C. Hesse inside the main building, it was decided to emphasize an exterior attack. The two fire towers would be used for handlines, since their location in a separate structure would protect the interior forces. But the main strategy would be to use tower ladders to open up the outside of the building and place water on the mold loft. (The separate structure containing the fire towers never became involved in the fire, but it did have to be searched and surveyed for fire extension.)

Only later in the operation would we find out that there was an additional floor, of classrooms, below the mold loft. This floor extended from the south fire tower to the exposure 4 side of the building.

The fire had a good hold on the mold loft from the north tower to the exposure 2 side of the building, and it was now heading for the south tower and the exposure 4 side of the building.

Second-alarm units were rapidly put to use, with two engine companies assigned to a second handline in the north tower. Two engines from the third-alarm assignment, when they arrived, stretched a

Interior size-up

Fire on underside of floor

3-3
1855 hours

North tower

MOLD LOFT: See diagram, p. 7.

Catwalk

Skylights

Attack from separate structure

Additional floor of classrooms

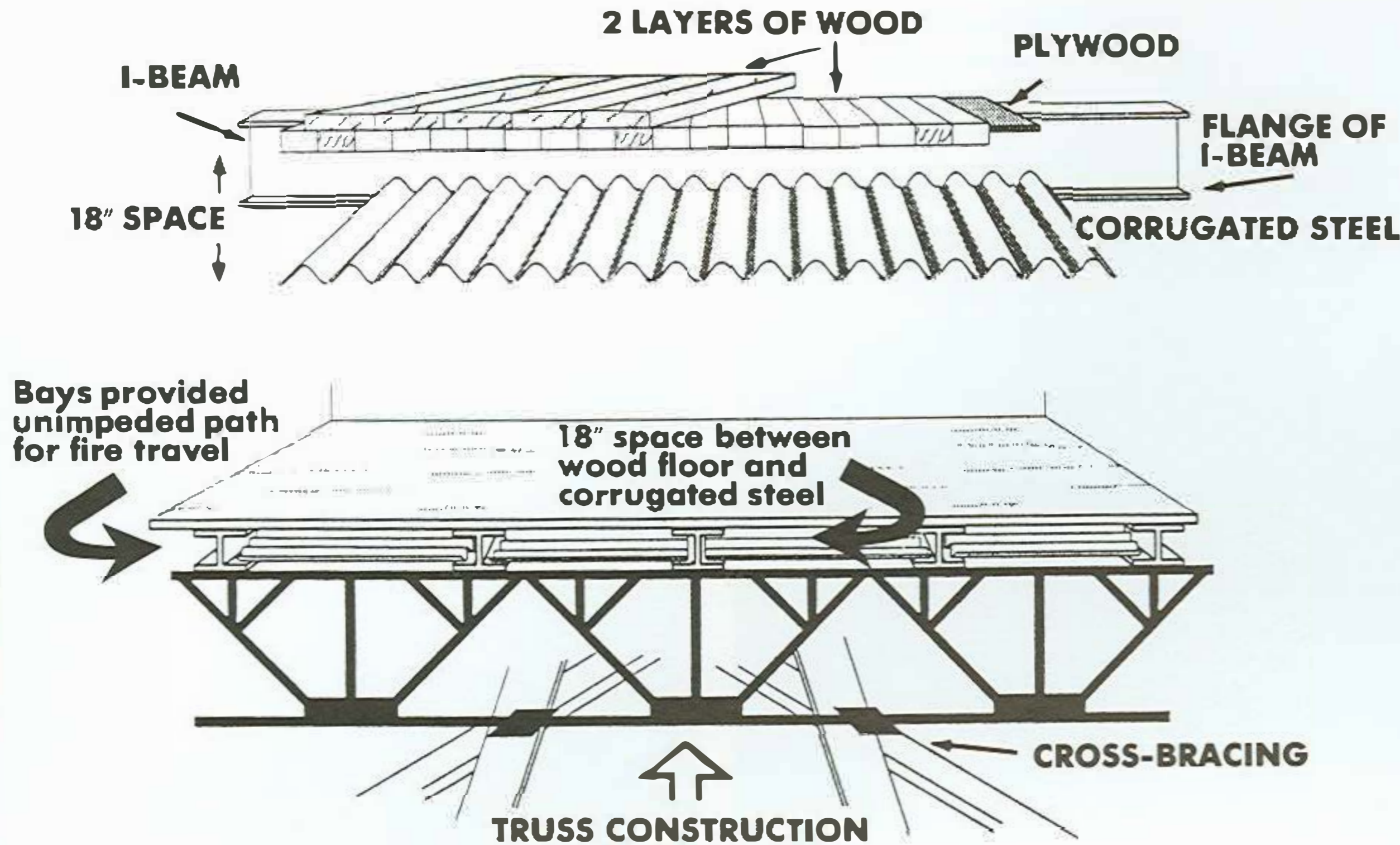
South tower

Div.11	E.210	E.207 & M.W.1
Bn.31	E.211	E.9 & Sat.1
L.110	E.226	R.2
L.119	E.205	Sq.1
		Mar.6

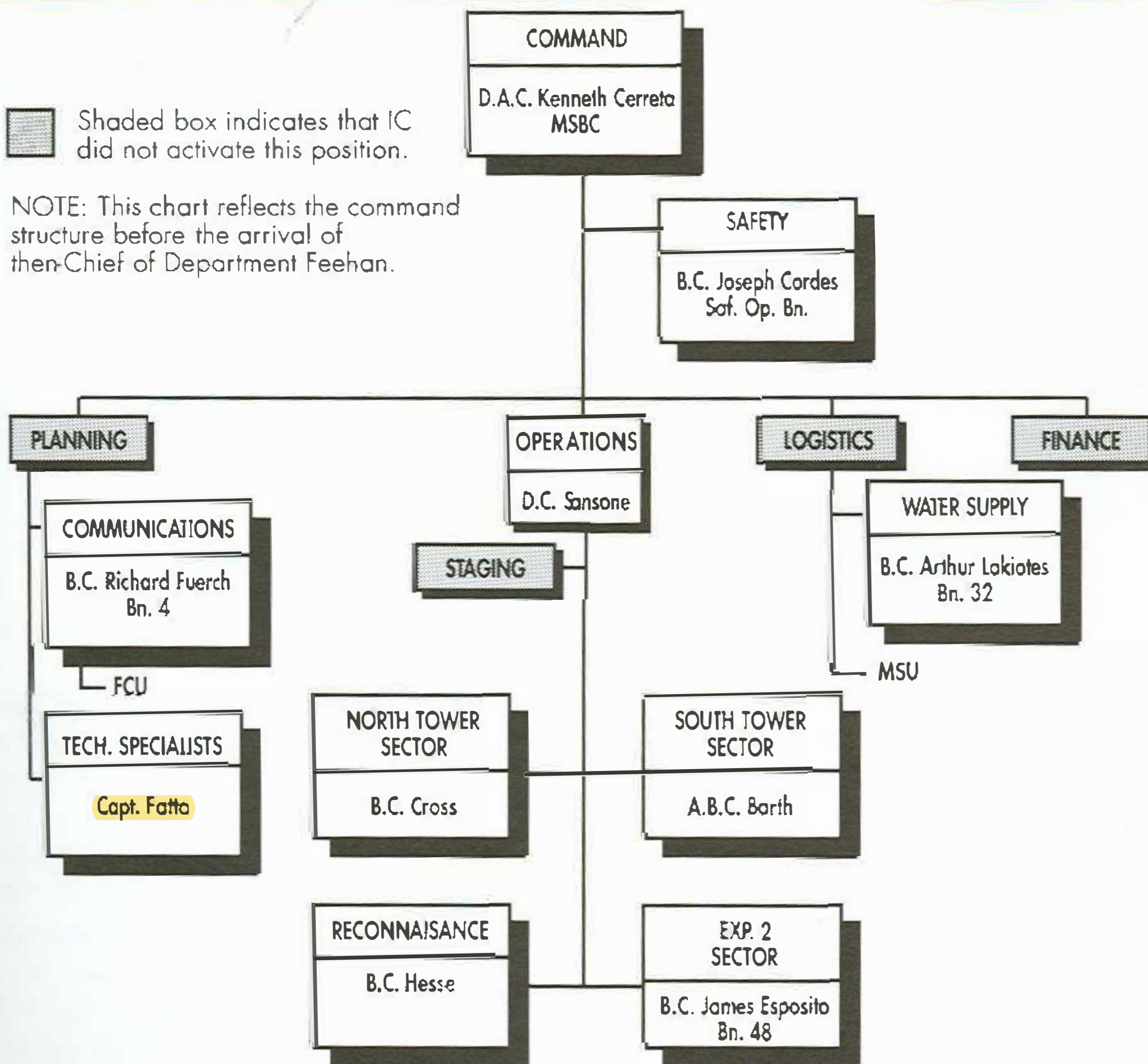
Bn.57

L.102	E.235
L.104	E.284 & Sat.3
E.209	FCU
E.221	Safety
E.216	TSU.1

MOLD LOFT CONSTRUCTION FEATURES



INCIDENT COMMAND STRUCTURE



THE BROOKLYN NAVY YARD

In 1781, three young entrepreneurs—John, Samuel, and Treadwell Jackson—started building ships on the Brooklyn waterfront. In February 1801, the U.S. Navy bought the shipyard and renamed it the New York Naval Shipyard. From the very first day, however, it was known as the Brooklyn Navy Yard.

Among the history-making activities at the Brooklyn Navy Yard was the construction of the Civil War ironclad ship *Monitor* and of the caissons used in excavating the East River bed for the Brooklyn Bridge's towers.

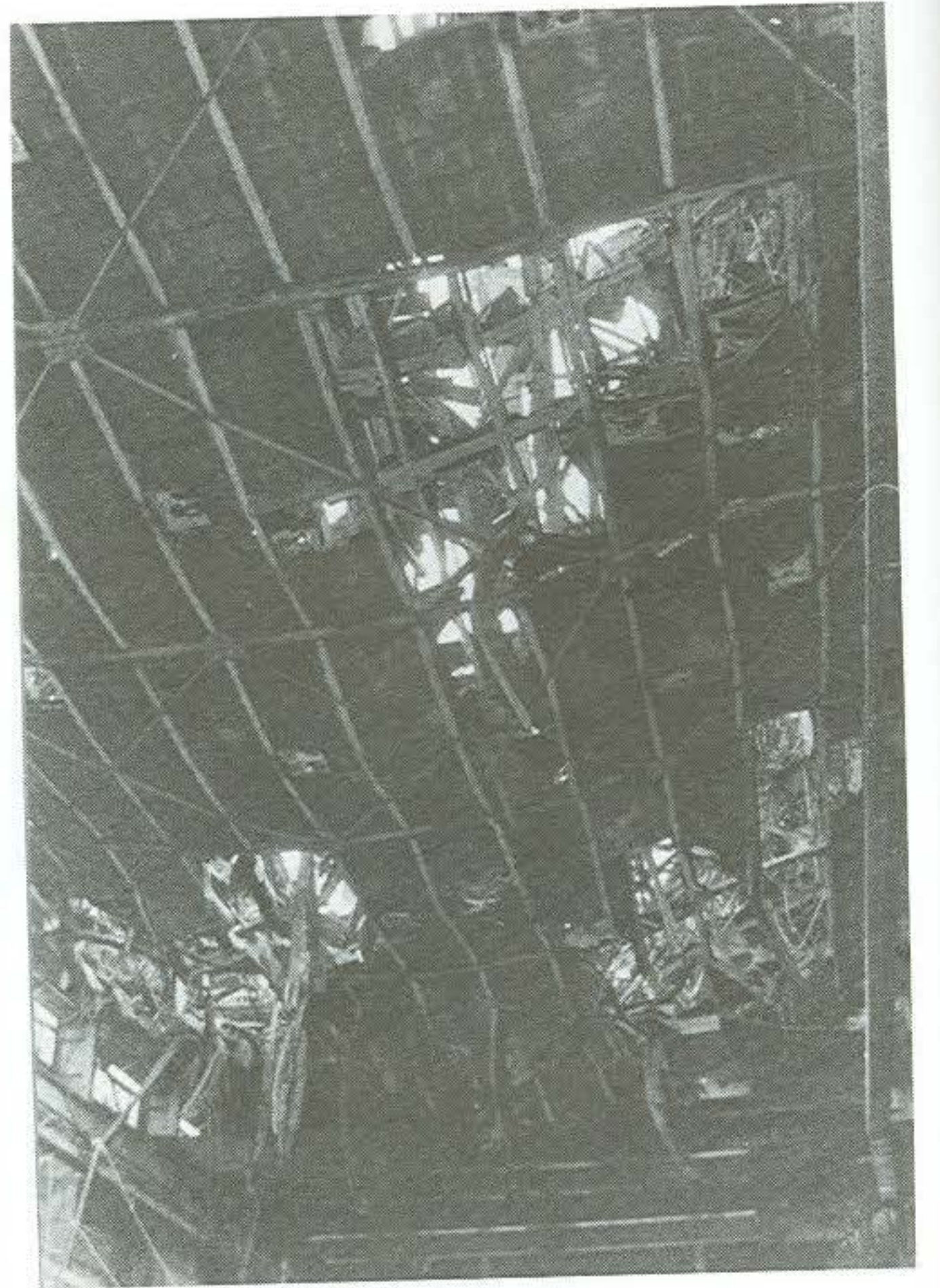
During the ensuing decades, the yard changed from a simple shipbuilding facility to a 260-acre-plus multi-industrial complex. In 1966, the Brooklyn Navy Yard's 160 years of naval shipbuilding came to a close. Today's Navy Yard is a thoroughly diversified industrial complex. Although no shipbuilding takes place there anymore, ships still are brought into dry dock for upgrading.

The fire building described here was built in 1944 for the construction of submarines.

—S.S.

MOLD LOFT DAMAGE

The destruction of the mold loft at the 9th floor is seen from above and below. Firefighters attempted to pry off the sheets of corrugated steel from below, but the process was slow and exhausting. Photo by Fr. James Moerschel



Pairing up on line

handline in the south tower. Since this building was so huge, I thought in terms of a high-rise building and assigned companies in pairs to stretch the 2½-inch handlines up the stairways and to operate two companies to a line.

Other access problems

Besides having trouble getting at the fire because of the mold loft construction, we also encountered accessibility problems on the exposure 1 and 3 sides of the building.

Exp. 3

I had assigned two engine companies and one ladder company from the second-alarm assignment to the exposure 3 side. They reported back that there was no vantage point from which to reach the fire. The exposure 3 building was about 50 feet high, but it was too wide to offer access to the fire. A portable ladder on the roof wouldn't have added much to the firefight.

Exp. 1

On the exposure 1 side, the command post had been set up at the center of the building, inside a fence that ran the length of the fire building. This fence meant limited access for ladder placement and relief of units.

When third-alarm units arrived, the area around the command post became very congested. This isn't unusual at multiple alarms, but the crowding was exacer-

Alley-like space

Marine line

Drafting

Water placement

bated by the alley-like space. The arriving units were quickly sent to a staging area about 30 feet south of the command post, still inside the fence.

In addition, the fence had to be cut in order to stretch the 3½-inch line from Marine 6—which was 1,000 feet west of the fire building—to the manifold of Satellite 3/Engine 284, which was placed in front of the building.

Until we put the marine line in service, we had experienced some fluctuations in water pressure. We were also using Engine 204, located about 75 feet northwest of the building, to draft water and feed the Maxi-Water Unit/Engine 207. Maxi-Water was supplying Ladder 14, operating on the exposure 2 side.

At this point, fire duties had been delegated as follows:

■ **Reconnaissance.** B.C. Hesse, after giving the initial size-up of the interior, searched the building for good vantage points for line placement. There was a large, overhead door on the exposure 2 side, and B.C. Hesse suggested that a satellite be driven into the building there. Its large deckpipe could be used on the underside of the mold loft. This might have proved to be our best vantage point on the exposure 2 side, but it was too

EXTERIOR ATTACK

The Maxi-Water Unit's was one of the many large-caliber streams attacking the barely accessible fire. Drafting and a marine line were needed to supply the quantity of water directed at the fire. Photo by Steven Spak



Sectors

dangerous: Large panels of the corrugated steel were dropping to the floor.

■ **North stair tower sector.** B.C. Dennis Cross, Battalion 57, was in charge of the handlines in and search from the north stair tower.

■ **South stair tower sector.** A.B.C. Richard Barth, Battalion 35, was in charge of the south stair tower.

Skylights

Ladder 102, commanded by Lt. Thomas DeAngelis, had responded on the second alarm and was operating from the south tower. He had gone to the roof initially, while it was still tenable, to assist in roof ventilation. But this proved difficult: Each time a member hit the skylights' corrugated wire glass with a tool, only a small hole resulted.

Classroom floor

When members were ordered off the roof, the company went back to the 3th floor of the south tower stairway, where A.B.C. Barth had reported the existence of an additional floor containing classrooms. From there, Lt. DeAngelis could see the fire burning in the floor above him. The hose streams' only opportunity to hit the fire was when portions of the corrugated steel collapsed in the advancing fire.

Prying down steel

Ladder 102 went out onto the classroom floor and, standing beneath the mold loft, tried to pry down more of the corrugated steel. The steel sections ran from I beam to I beam. The members pried the edges up off the bottom flanges of the I beams. Then they pried at the rivets holding corrugated steel sections together. Once a section was free, it could either be pushed back on top of the next section or pulled on by four firefighters with hooks until the steel sections bent enough to be pulled from between the I beams.

Bent tip

Once the ceiling was open, the engine companies were able to put water onto the underside of the flooring, using a bent tip. This did slow the fire's advance toward their position. But such a slow, exhausting process in so large a fire area wouldn't be much help in controlling the fire and stopping it at that place. As a result, when A.B.C. Barth asked for more units to assist in opening up, I decided to take a look at the fire area to determine how much help was needed.

Forces withdrawn

Hazardous cylinders

High-lows

By this time, command of the fire had been passed to D.A.C. Kenneth Cerreta, Manhattan South Fire Command, and from him to then-Chief of Department William Feehan. When I explained to Chief Feehan what I had found in my survey of the ceiling, he decided it was too risky to keep members under it.

We didn't know at this time that the fire already possessed much of the mold loft in the portion of the building toward the exposure 4 side—meaning the members operating on the classroom floor had fire burning over their heads.

Hazardous Materials Co. 1 had been special-called and arrived while members were still venting skylights. Capt. John Fatta took his unit to the roof and reported that there were six 100-pound cylinders of propane on the roof, directly over the main body of fire. He then went to the first floor and pointed out that propane was used to power high-lows there, acetylene and oxygen were present, and a number of other unknown pressure cylinders existed.

Due to the hazardous conditions in the building, we couldn't have Haz Mat remove the cylinders from either the interior or the roof. If the fire did involve the prefabricated homes and the cylinders

L.157 L.14
L.105 Bn.32
L.131

L.108 E.217
E.230 E.239
E.229

on the ground floor, we could have placed handlines in the doorway of the first floor and still have been protected by the separate front building.

Haz Mat did, however, remove numerous cylinders from an outside yard at the exposure 2 side. This was important, for if there had been a collapse on that side, the cylinders could have been involved in fire.

As it was, the rear wall was bulging out over exposure 3 near the exposure 2 side.

The fourth alarm was transmitted 1½ hours into the fire. Some of these units were used for relief, but most of them stretched additional lines in the towers or helped move or place other lines.

Chief Feehan's progress report three hours later noted that the operation was "using seven tower ladders and extinguishing pockets of fire. This will be an extremely prolonged operation. This fire is under control."

Although handlines were kept in the towers almost throughout the incident, this was basically an exterior operation which used five 95-foot tower ladders and two 75-foot tower ladders. The initial tower ladders operated for almost seven hours straight and had great difficulty opening up the wire glass, corrugated wire glass, and corrugated steel so they could put their streams into use.

The streams kept the steel beams and trusses cool; this stopped the collapse of portions of the building. But they couldn't actually hit the fire until the corrugated steel panels dropped.

When the fire reached the exposure 4 side between 0300 and 0400 hours, the roof collapsed between that wall and the south stair tower. We were unable to prevent it due to the presence of the two floors in that area, the concealed nature of the fire, and the limited effectiveness of the tower ladder streams. A sturdy, movable crane beneath the mold loft prevented the collapsed roof section from dropping to the ground floor.

As it turned out, there was never any fire extension to the ground floor. What fell was mainly the corrugated steel sections, and not enough fell at any one time to cause the contents to ignite.

Although this fire was declared "under control" early, the overhauling and watch-



Two days

Marshals' report

Welding

Sprinklers

Personnel needed

line continued for two days and involved more than 200 of our units.

Regarding the cause of the fire, the fire marshals' report stated that the old roof of the building was in the process of being replaced. It was composed of wood with a tar covering; the same type of materials were being used as a replacement.

At the same time, work was being done on other portions of the structure. Welders were welding metal brackets on the skylights, and just prior to the fire, welding was being performed on the front skylight closest to the exposure 2 side of the building. While these brackets were being welded, sparks were falling to the mold loft below; a worker was stationed there with a water hose to extinguish them. Although it wasn't fully ascertained, the marshals surmise that the fire was probably started by a spark produced by a welding torch.

If this structure were built today, damage could have been avoided by placing sprinklers in the inaccessible voids.

LESSONS

1. Information from within the building. Because it wasn't possible to judge the extent of this fire from the outside of the building, an interior size-up was vital. Not until I received one from B.C. Hesse

4-4
2011 hours

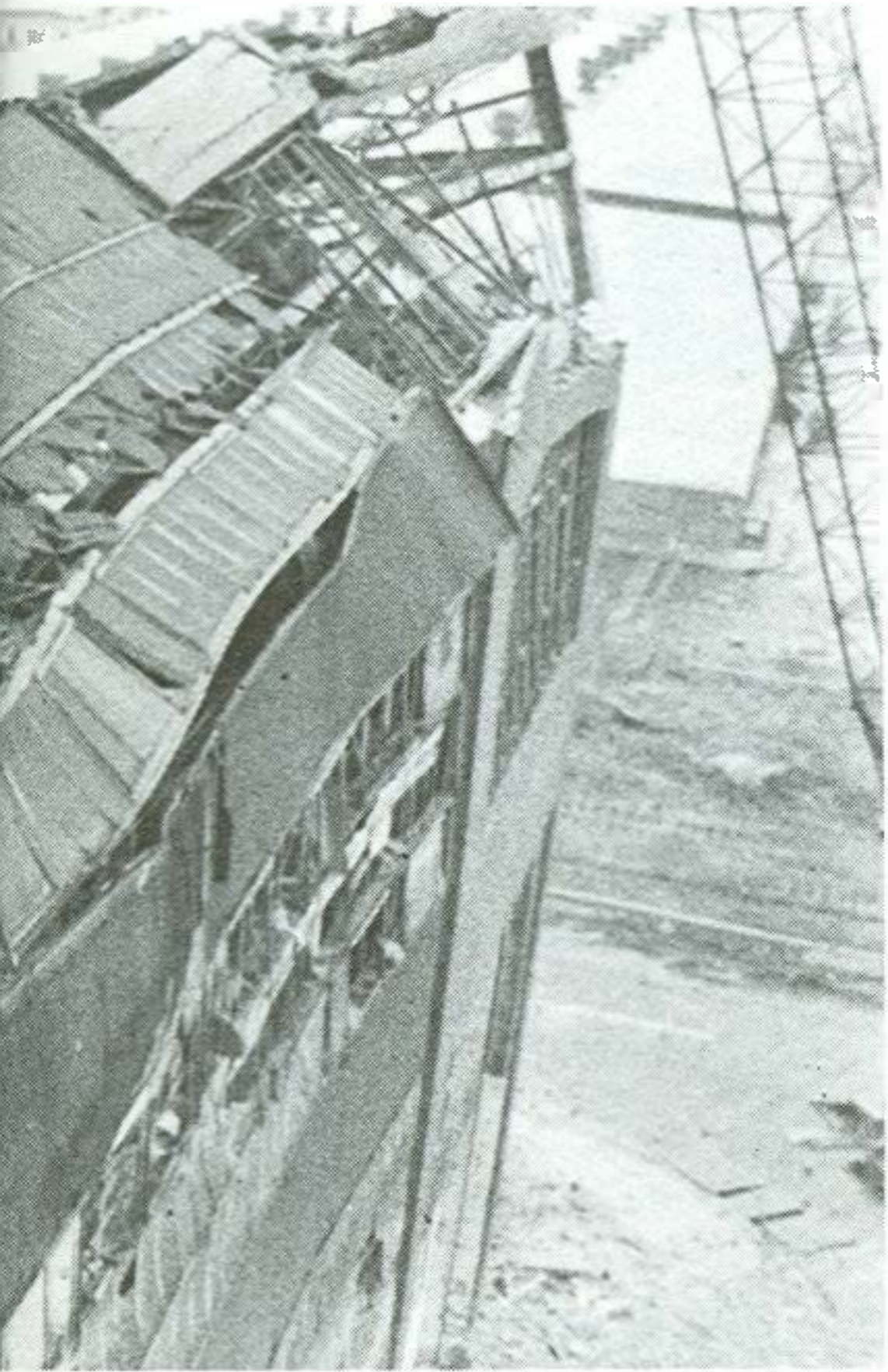
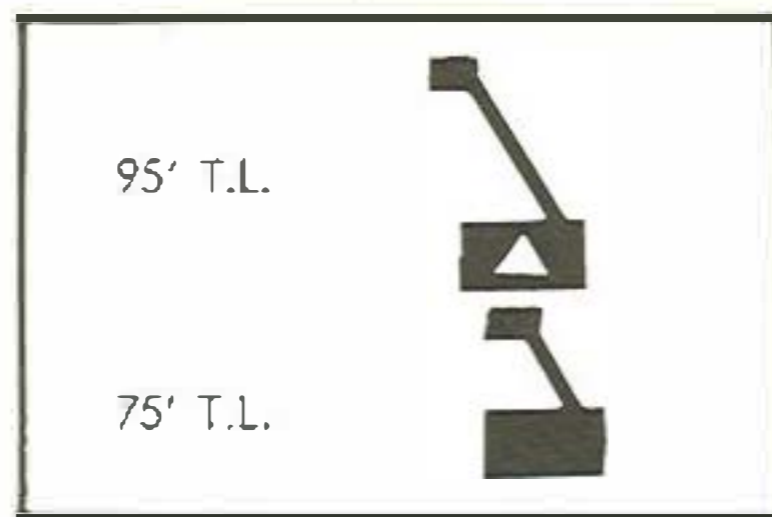
U/C
2300 hours

Exterior operation

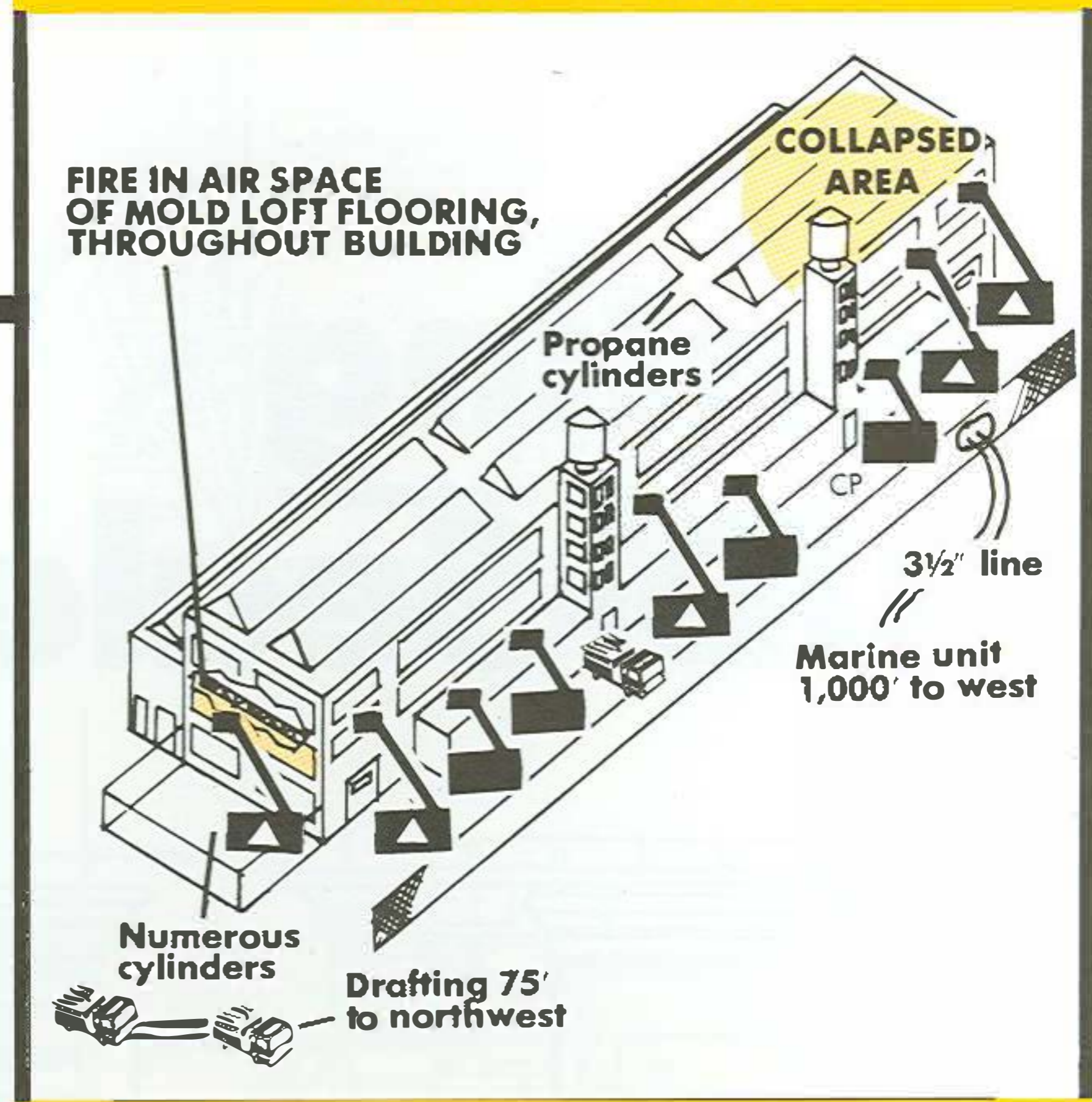
Cooling trusses

Roof collapse

Ground floor

**EXP. 4 SIDE**

Once the fire had burned through the entire length of the mold loft flooring—about five hours into the incident—the roof collapsed from the south tower to the exposure 4 side of the building. A movable crane under the mold loft kept the wreckage from dropping to the ground floor. Photo by Fr. James Moerschel

EXTENT OF FIRE

was I able to determine how many personnel would be needed.

2. Building size in relation to personnel. A building this size requires a large number of personnel:

- 2½-inch lines were stretched up stairways, and at least two units were needed on each—in some cases three.

- A 3½-inch line was stretched from a marine company 1,000 feet from the fire.

- A manifold had to be fed.

- Two units drafted water.

- Tower ladders required relief. The most difficult task at this operation was opening up the outside of the building (made of corrugated metal panels and corrugated wire glass) in order for tower ladders to operate. Initial tower ladder units operated for about seven hours. By relieving these units, we were able to use them later in the 6x9 tour.

3. Steel truss construction. Even though it was difficult to reach the fire because of the corrugated steel, it was important to continue applying water to the steel trusses. Cooling them prevented collapse. Once the fire caused corrugated steel to fall, those areas were exposed, and the tower ladders could hit the fire.

4. Hazardous Materials Co. 1. The Haz Mat unit was important for identifying materials in the building and removing

cylinders from the yard.

5. Sectoring. The chiefs in the stairways provided clear information on the fire's progress. They also closely supervised the units in an unsafe situation; members could easily have walked out from a stairway and fallen 80 to 90 feet.

6. Operations in a constricted area. The alley-like area between the exposure 1 side and the fence became crowded with apparatus, and space was limited at the command post. Several pieces of equipment had to shut down and be moved in order to move the initial tower ladders and engine companies so that higher tower ladders and relief units could get in. This not only was time-consuming, but could have given the fire a chance to spread farther.

- In retrospect, we could have considered cutting a hole in the fence and putting the command post on the other side of the fence.

Control in unsafe conditions

Move out of alley

Cut through fence

REPORTING TO C.P.: See FDNY Regulations for the Uniformed Force, Sec. 11.3.25.

- Units responding on the third and greater alarms should be directed to a staging area away from the command post. Only company officers should report to the command post.

7. Teaming up units. When large-diameter hose is used, stretches are long and the areas to search and cover are extensive. Think in terms of a high-rise building and team up units.

8. Advantage of 95-foot tower ladders. Although 75-foot tower ladders were used, it was the reach of the 95-foot ladders that was the key in putting water on this fire.

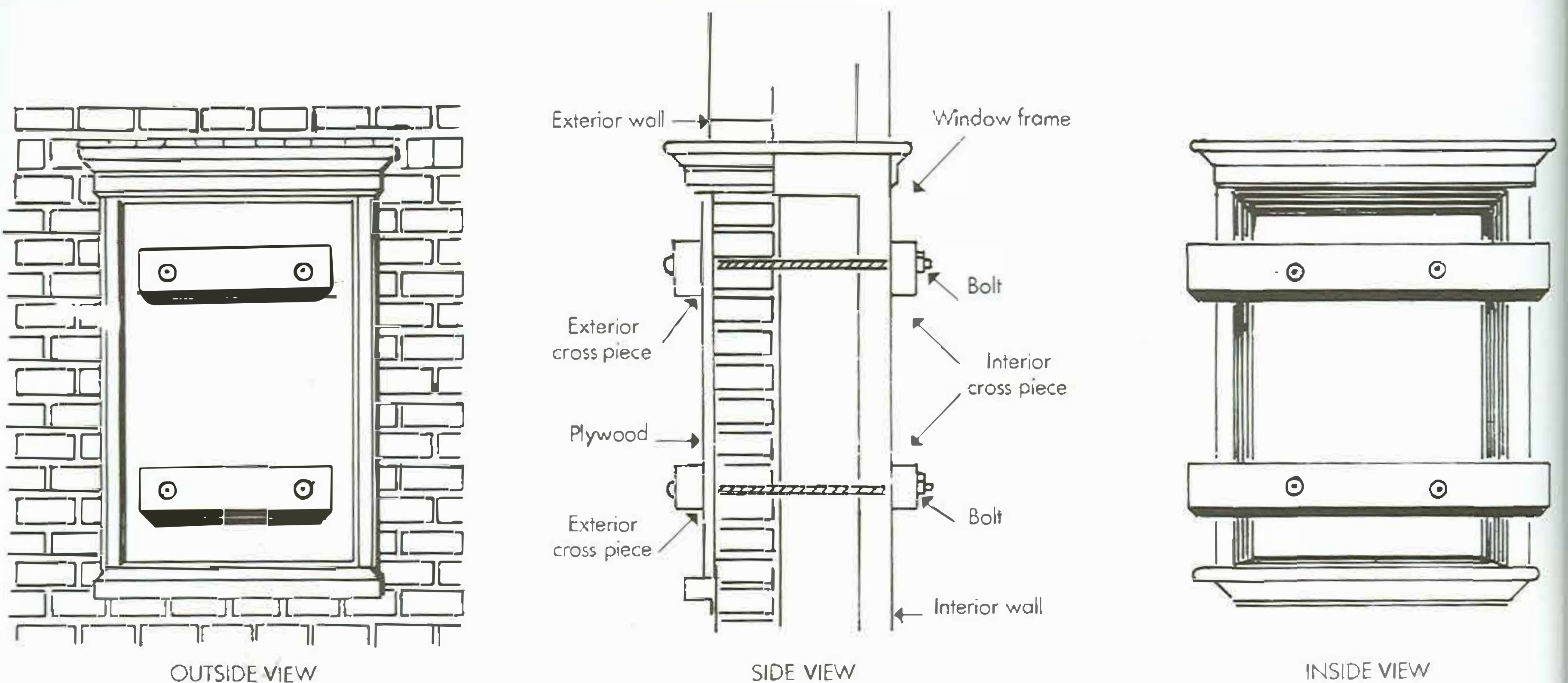
Line stretches

Opening up outside

Continue applying water

Like a high-rise

Venting HUD-Sealed Windows



A 1983 WNYF article on vacant buildings recommended an interior method for removing the plywood from windows sealed by HUD (the U.S. Department of Housing and Urban Development).

EARLIER ARTICLE: See "Vacant Buildings," by Michael Cronin, in the 4th/83 Issue of WNYF.

On the buildings in question, HUD had applied plywood to the outside of the window, overlapping the frame on all sides. Interior and exterior braces with bolts through them hold the plywood in place in the window frame.

At the time the article was written, firefighters were finding the plywood sealing mostly on one- and two-family houses. But even by the time it was published, the situation was changing. An author's note at the end observed that "the HUD method of sealing buildings is starting to appear on multiple dwellings and abandoned commercial buildings." The use of plywood sealing on larger buildings is one reason to look again at an external method of removal.

The *interior* method recommended in

the 1983 article involved splitting the cross pieces with the back of an axe or a halligan tool. At that point, the plywood drops to the ground.

That's the potential problem, at least on larger buildings. The firefighter has no control over what happens to the plywood; it can sail a long distance before landing who-knows-where. And although the method was timed at 20 seconds, it could be a lot longer—and riskier—if the flooring is gone and the firefighter is standing on floor beams in heavy smoke.

Two alternative, exterior methods are available. Performed from a tower ladder bucket or fire escape, they give the firefighter more control; the plywood will be easy to remove and can be placed into the room, into the tower ladder basket, or onto the fire escape.

Both methods force the top cross brace first, to allow smoke and heat to vent from the top of the window. If members are working from a tower ladder bucket, it should be positioned to cut all four bolts, if possible. If not, the bucket will have to be repositioned during the procedure. (2)

BOLT CUTTER METHOD

BY EDMUND S. LUCIA
Firefighter, Ladder Co. 29

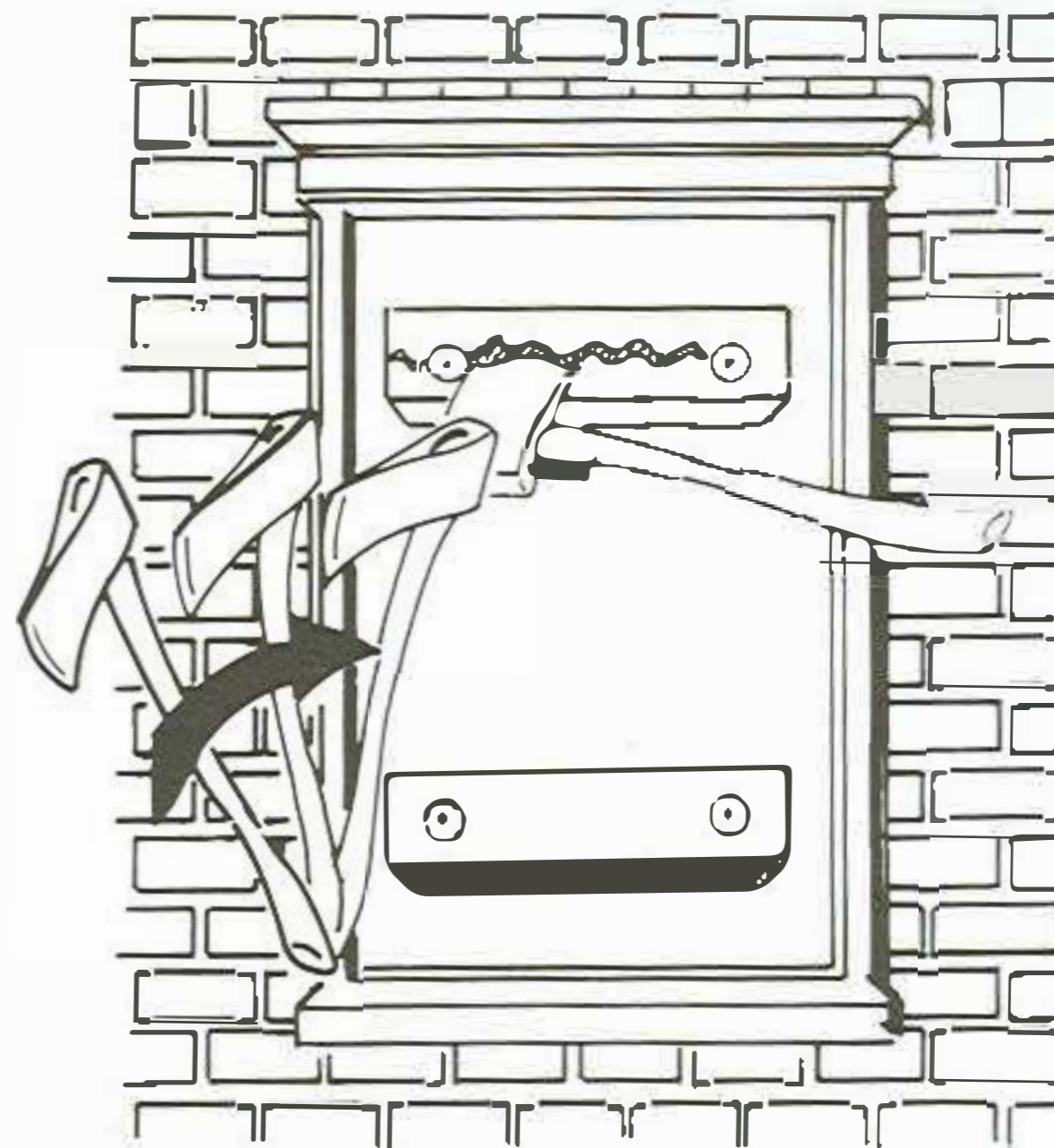
This method is performed by two firefighters in a tower ladder bucket. The tools needed are two axes, a bolt cutter, and a pair of pliers:

■ One firefighter holds an axe with its blade centered next to a bolt in the top cross brace. (If two axes aren't available, the point of a holligon may be positioned similarly.)

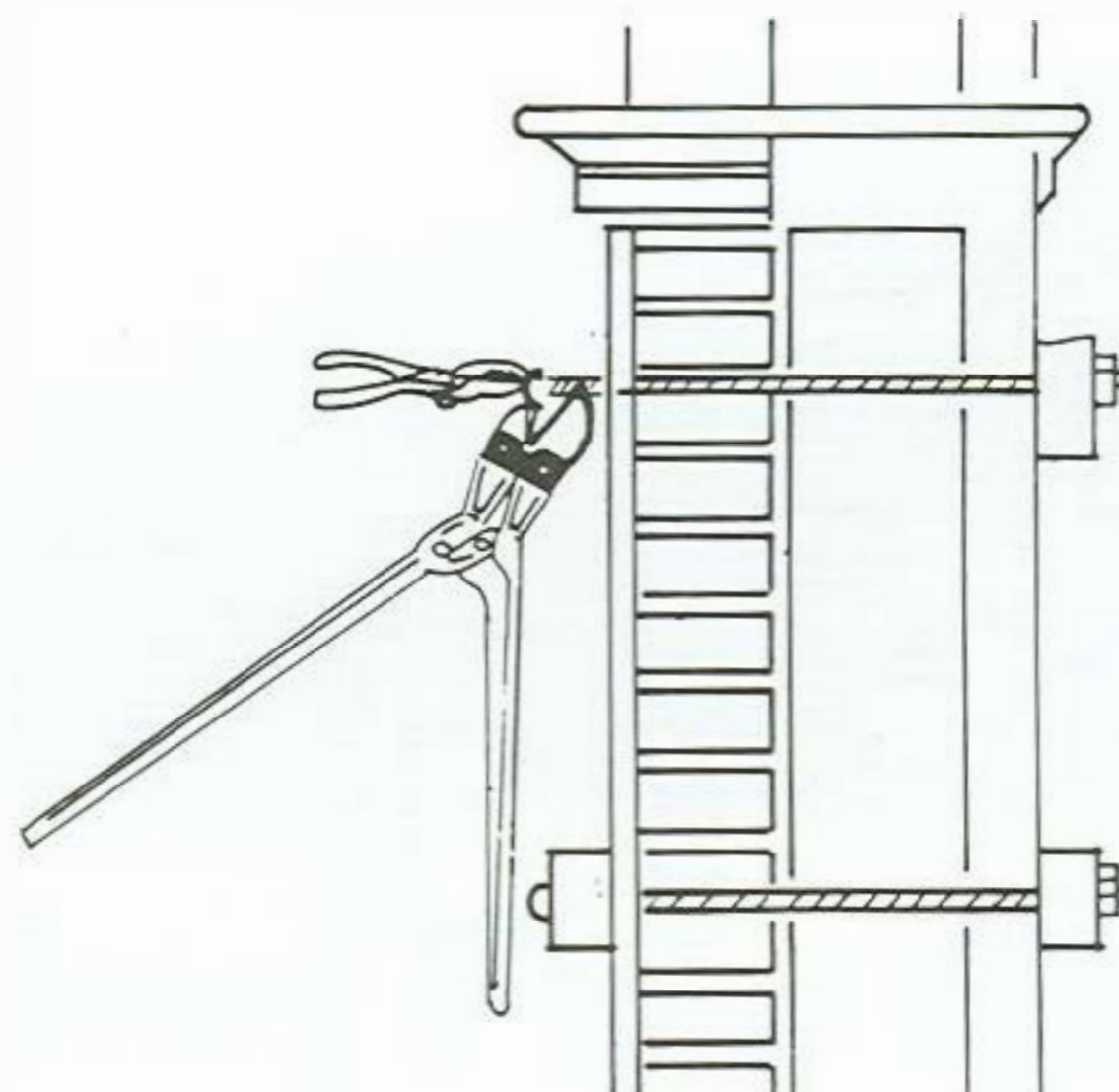
■ The other firefighter hits the back of the first axe (or the holligon) with the second axe, splitting the cross piece off the bolts. (The hit will have to be repeated at the second bolt if the cross piece doesn't split all the way.) The inside cross piece will now have fallen back off the window frame, pulling the washers and nuts on the outside back to the plywood.

■ One firefighter uses the pliers to pull one of the bolts outward so the other member can cut it with the bolt cutters. Cutting both bolts this way will cause the inside cross piece to fall free from the window.

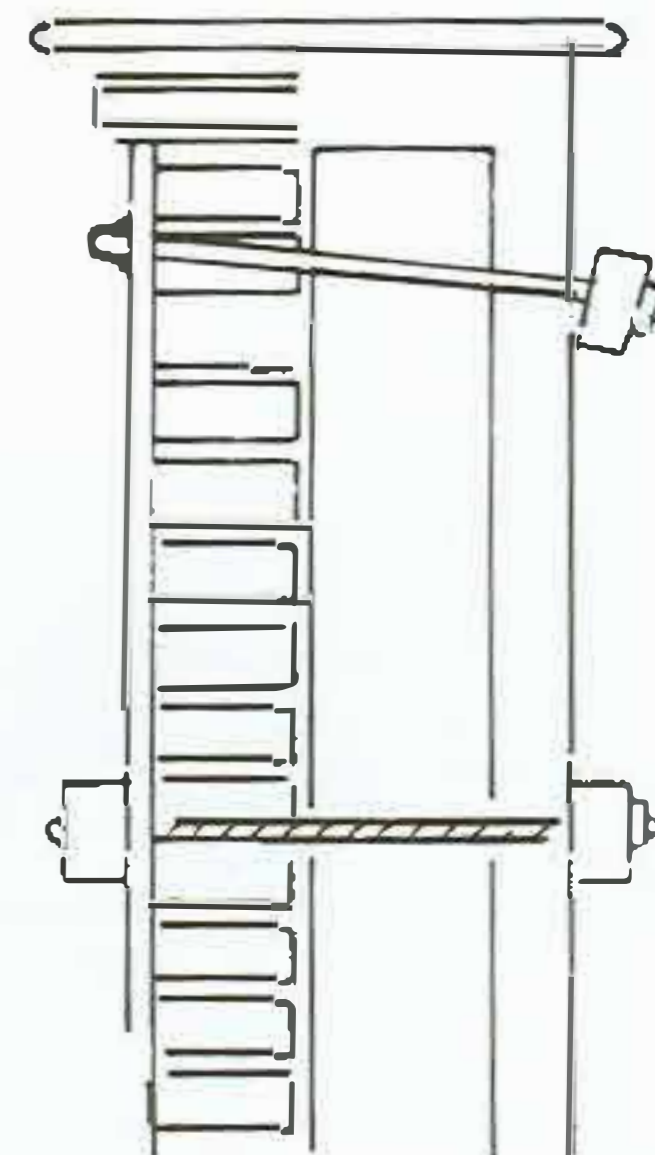
■ Repeat this procedure on the bottom cross piece.



SPLIT 2x4 AND REMOVE



HOLD THREADED ROD WITH PLIERS AND CUT



INSIDE CROSS PIECE FALLS BACK

PARTNER SAW METHOD

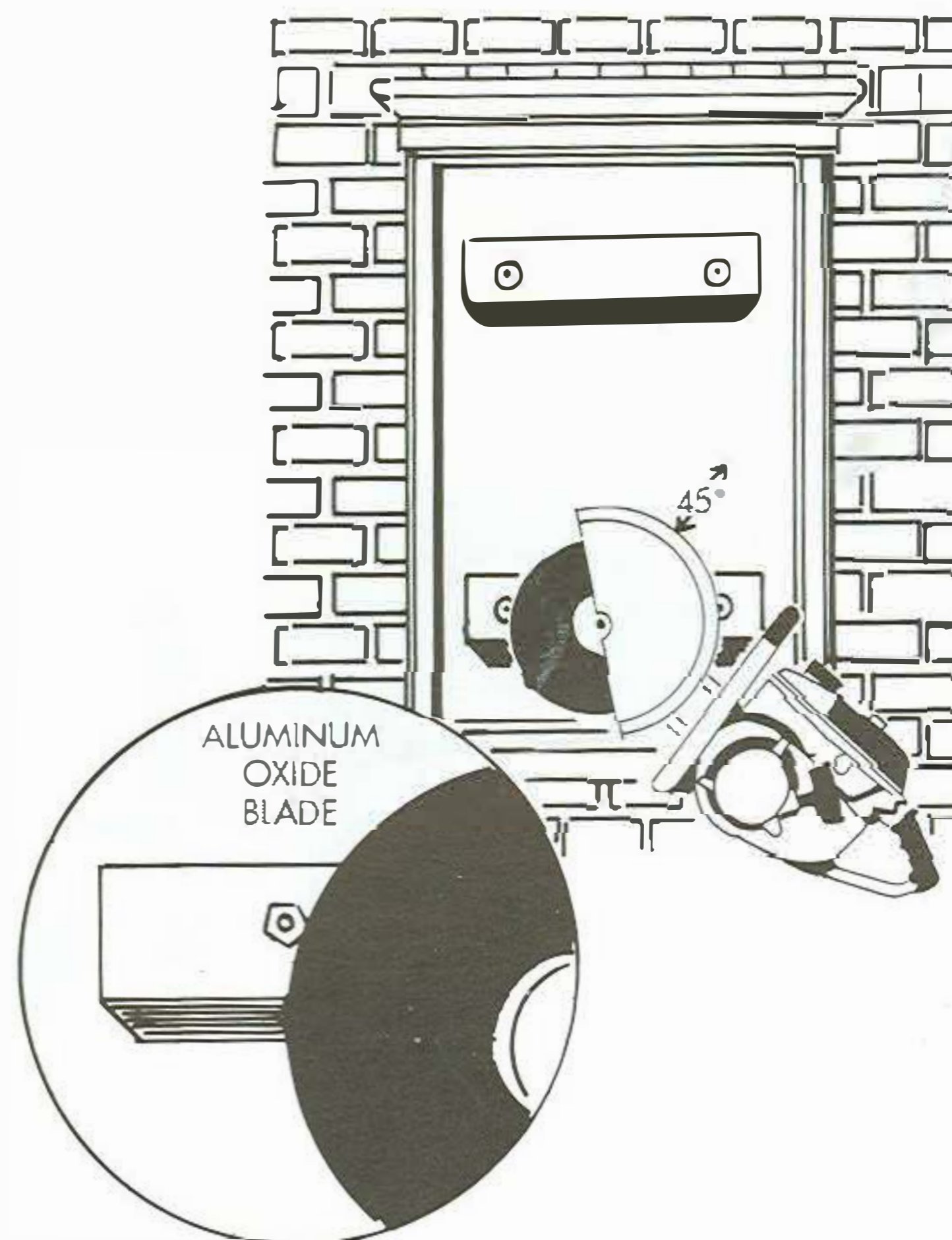
BY DONALD HAYDE
Lieutenant, Ladder Co. 111

This method requires two members operating the saw in the vertical position. The only required tool is a Partner saw equipped with an aluminum-oxide blade—the metal-cutting blade. Although this blade isn't the ideal choice for cutting through lumber, it's acceptable for the amount of wood that needs to be cut and is very effective on the metal bolts.

■ Position the blade of the saw at a 45-degree angle to the top cross member.

■ Cut directly next to and behind the nut. This location minimizes the amount of wood you'll have to cut through to reach the threaded rod behind the nut. Once you have cut through both rods, the 2-by-4 cross members on both the outside and inside are released.

■ Repeat this procedure on the bottom crosspiece.



ENGINE & WORKERS

ENGINE COMPANIES

ENG.	DIV.	RUNS
1. 290	15	6705
2. 48	7	6127
3. 75	7	6017
4. 42	7	5429
5. 289	14	5415
6. 92	6	5337
7. 231	15	5000
8. 317	13	4857
9. 82	6	4829
10. 88	7	4815
11. 93	5	4770
12. 332	15	4767
13. 301	13	4746
14. 236	15	4698
15. 275	13	4667
16. 50	6	4660
17. 46	6	4658
18. 248	15	4542
19. 69	5	4532
20. 80	5	4521
21. 96	6	4512
22. 283	15	4509
23. 58	5	4366
24. 45	7	4358
25. 33	1	4353

ENG.	DIV.	WORKERS
1. 290	15	4477
2. 75	7	4296
3. 96	6	3868
4. 42	7	3652
5. 48	7	3605
6. 236	15	3585
7. 92	6	3554
8. 82	6	3492
9. 257	15	3431
10. 73	6	3340
11. 317	13	3305
12. 45	7	3303
13. 289	14	3240
14. 231	15	3229
15. 302	13	3179
16. 50	6	3139
17. 255	15	3089
18. 71	6	3054
19. 43	7	3005
20. 88	7	3000
21. 301	13	2864
22. 62	7	2839
23. 234	15	2815
24. 93	5	2765
25. 332	15	2758

ENG.	DIV.	O.S.W.*
1. 92	6	662
2. 69	5	618
3. 290	15	605
4. 41	6	566
5. 50	6	553
6. 58	5	525
7. 42	7	512
8. 231	15	506
9. 249	15	484
10. 234	15	481
11. 37	5	476
12. 75	7	472
13. 82	6	458
14. 96	6	450
15. 80	5	443
16. 59	5	442
17. 248	15	426
18. 62	7	420
19. 283	15	418
20. 255	15	406
21. 93	5	398
22. 71	6	382
23. 218	11	372
24. 53	5	367
25. 48	7	358

LADDER COMPANIES

LAD.	DIV.	RUNS
1. 138	14	6704
2. 165	13	6322
3. 154	14	6007
4. 150	13	5941
5. 117	14	5641
6. 126	13	5457
7. 136	14	5174
8. 103	15	5076
9. 116	14	5021
10. 155	13	4861
11. 26	5	4822
12. 56	7	4775
13. 4	3	4737
14. 127	13	4630
15. 2	3	4625
16. 157	15	4568
17. 45	5	4502
18. 43	3	4402
19. 170	15	4289
20. 120	15	4255
21. 147	15	4214
22. 33	7	4206
23. 40	5	4144
24. 161	12	4105
25. 123	15	4102

LAD.	DIV.	WORKERS
1. 117	14	4916
2. 138	14	4422
3. 165	13	4010
4. 154	14	3737
5. 4	3	3645
6. 170	15	3547
7. 157	15	3523
8. 155	13	3474
9. 2	3	3452
10. 108	11	3198
11. 45	5	3142
12. 120	15	3132
13. 43	3	3120
14. 150	13	3088
15. 123	15	3054
16. 136	14	3009
17. 33	7	2967
18. 127	13	2943
19. 26	5	2924
20. 126	13	2922
21. 159	12	2889
22. 103	15	2883
23. 102	11	2874
24. 34	5	2859
25. 116	14	2853

LAD.	DIV.	O.S.W.*
1. 113	15	685
2. 120	15	682
3. 123	15	642
4. 103	15	634
5. 26	5	632
6. 157	15	625
7. 40	5	614
8. 102	11	613
9. 43	3	604
10. 111	15	603
11. 44	6	556
12. 28	5	529
13. 55	6	526
14. 147	15	523
15. 176	15	521
16. 33	7	518
17. 112	15	512
18. 45	5	502
19. 132	15	501
20. 136	14	488
21. 117	14	484
22. 19	6	476
23. 27	6	475
24. 34	5	465
25. 59	7	463

*Occupied Structural Workers

SPEC. OPNS. CMND.

HAZ-MAT	DIV.	RUNS
1. 1	14	859

HAZ-MAT	DIV.	WORKERS
1. 1	14	542

MARINE	LOC.	RUNS
1. 6	Man. (Grand St., E.R.)	958
2. 9	S.I. (St. Geo. Ferry Term.)	848
3. 1	Man. (Pier "A", N.R.)	571

MARINE	LOC.	WORKERS
1. 6	Man. (Grand St., E.R.)	89
2. 9	S.I. (St. Geo. Ferry Term.)	42
3. 1	Man. (Pier "A", N.R.)	31

RES.	BORO	RUNS
1. 2	Bklyn.	4233
2. 1	Man.	4229
3. 4	Qns.	3716
4. 3	Bronx	3139
5. 5	S.I.	1908

RES.	BORO	WORKERS
1. 2	Bklyn.	1313
2. 4	Qns.	1266
3. 3	Bronx	965
4. 1	Man.	749
5. 5	S.I.	591

RES.	BORO	O.S.W.*
1. 2	Bklyn.	701
2. 3	Bronx	594
3. 4	Qns.	447
4. 1	Man.	435
5. 5	S.I.	168

SQUAD	BORO	RUNS
1. 1	Bklyn.	2078

SQUAD	BORO	WORKERS
1. 1	Bklyn.	1166

SQUAD	BORO	O.S.W.*
1. 1	Bklyn.	433

BATTALIONS

BN.	DIV.	RUNS
1. 54	13	7353
2. 46	14	6976
3. 49	14	6593
4. 9	3	6427
5. 8	3	6192
6. 50	13	5504
7. 16	5	5140
8. 12	5	5012
9. 33	12	4837
10. 7	3	4795

BN.	DIV.	S.W.†
1. 11	5	3753
2. 46	14	3656
3. 49	14	2903
4. 16	5	2560
5. 54	13	2414
6. 8	3	2388
7. 3	6	2352
8. 19	7	2213
9. 9	3	2166
10. 35	11	1968

†Battalion workers expressed in hours of operational time.

BFI

BASE	RESPONSES
1. Bronx	6707
2. Bklyn.	6440

BASE	INVESTIGATIONS
1. Bklyn.	4344
2. Bronx	4171

GRAMERCY PARK

The Department paid \$100,000 in replacement costs for turnout gear that may have been contaminated during the massive steam leak in 1989. Photo by Steve Spak



Decontaminating Fire Gear

A sophisticated laundry operated by SOC goes into action whenever asbestos or bloodborne pathogen contamination is suspected at an operation.

S

Forerunner

Downtown Brooklyn

purred by a series of events beginning with the massive steam leak in Gramercy Park four years ago, the FDNY has become a forerunner in developing an approved decontamination procedure for asbestos and bloodborne pathogens. The Special Operations Command Cleaning Facility in Downtown Brooklyn, in use since March of 1992, is a first among New York City agencies and among fire departments nationwide.

The U.S. Occupational Safety and Health Administration's final rules on asbestos and bloodborne pathogens mandate that the Department repair, replace, or launder any equipment suspected of having been contaminated at an operation.

OSHA RULES: The relevant OSHA standard regarding asbestos can be found at 29 CFR 1910.1001 and the bloodborne pathogens standard at 29 CFR 1910.1030 (d). "CFR" stands for Code of Federal Regulations.

After several incidents where asbestos contamination had been a possibility, it became clear that the best option would be for the FDNY to set up

BY DONALD F. DEVINE
Assistant Chief, Support Services

and **JOSEPH GALLAGHER**
Deputy Chief, Special Operations Command

Gramercy Park

Asbestos present

Con Ed cleaning

its own decon-capable laundry.

In August 1989, Fire Department units responded to a major steam leak in the Gramercy Park section of Manhattan. A high-pressure steam line insulated by several inches of asbestos had ruptured while under repair, spewing mud and asbestos particles over a large area.

Initial samples taken by Con Edison and the city's Department of Environmental Protection (DEP) at the location of the break suggested that asbestos was not a problem. But later tests from other sites, such as the upper floors of nearby buildings, proved positive. All operating personnel and their apparatus and equipment had to be decontaminated.

The Department bagged all the equipment it used at Gramercy Park, and it was delivered to Con Edison to be cleaned. In addition, Con Ed hired a firm to decontaminate the apparatus; that was done at the Fire Academy. Supply Store and Sup-

port Services personnel were ordered to report for duty because the Department-

REPLACEMENTS: The Department will temporarily issue turnout coats, helmets, and boots to members whose fire clothing is impounded because of suspected contamination. Through its Protective Clothing Storage Depot located at Special Operations Command headquarters on Roosevelt Island, the Department can replace up to 100 sets of fire clothing. See *All Borough Circular 13/85*, "Protective Clothing Storage Depot."

had exhausted its replacement inventory. The store was opened, the vendor was called to supply additional equipment, which was issued to those who had operated at the scene.

Con Ed bore the expense of cleaning the apparatus and laundering the impounded turnouts. However, the Uniformed Firefighters Association objected to the return of the laundered gear, because it wasn't possible to certify that the items were free of asbestos. The Fire Department had to absorb the \$100,000 replacement cost.

Then-D.A.C. Donald Devine contacted an independent lab with Underwriters Laboratories credentials to arrange a destruct test on a random sampling of items impounded at Gramercy Park. The lab informed us that no method had yet been developed to certify a garment totally free from asbestos, and it recommended laundering.

During the next few months, other operations occurred where asbestos contamination was suspected, and more equipment had to be issued. There was still no approved cleaning procedure. After the February 1990 fire at the former U.S. Gypsum plant in Staten Island, Fire Commissioner Carlos Rivera held a Sunday meeting at the Fire Academy.

Obviously, it was fiscally impossible to continue to absorb replacement costs, and imperative that the FDNY come up with an alternative. Commissioner Rivera directed Chief Devine, then in the Bureau of Operations, to submit a draft of approved procedures for laundering items suspected of asbestos contamination.

Chief officers assigned to Operations and to the Special Operations Command researched the problem by canvassing manufacturers of decon equipment; visiting their facilities; and meeting with Con Ed's OSHA director, DEP's director of asbestos operations, and the Health Department's deputy commissioner for occupational safety. At least one of the experts consulted told us that hosing off the gear would be sufficient; but Commissioner Rivera wanted a procedure that would provide the optimum level of protection to our members.

The original plan called for construction of a room, within an FDNY facility, that could easily be cleaned after each operation. Then, while visiting Mystic, Connecticut, to learn about the respirator cleaner manufactured by General



DECON ROOM

(Clockwise from above right) ■ Decontamination is conducted in a prefabricated, steel room. ■ The process begins with vacuuming the gear. ■ Facepieces are placed in a respirator cleaner that looks like a dishwasher. ■ Another machine is used to wash fire hose. Photos by D.C. Joseph Gallagher



Recommended laundering

U.S. Gypsum fire

Canvass of manufacturers

Optimum level

Respirator cleaner

Decon room

Negative pressure

Filters and vacuums

Decon team

Dynamics Corp., Chiefs Devine and Gallagher also saw the prefabricated decon room that General Dynamics marketed to the atomic energy industry. This unit is equipped with stainless steel walls, an air lock, and openings for negative-pressure equipment (which prevents leakage from the room by maintaining a pressure less than that of the surrounding atmosphere).

The FDNY chose both the decon room and the respirator cleaner for its decon facility, which is located in Ladder 105's old quarters at 648 Pacific Street. Other equipment purchased included programmable washing machines; three-stage filtered pumps; high-efficiency particulate air vacuums, which capture particles as small as 5 microns; pressure washers; a fire hose washer tub; a negative-pressure unit; and air monitors.

Designated members of SOC attended classes to receive certification as asbestos



mander, then by Hazardous Materials Co. 1.

■ The Decon Unit is called, and the Emergency Medical Service's Emergency Response Squad responds to provide medical evaluation.

EMS ROLE: See "Personal Decontamination," by Zachary Goldfarb, *WNYF*, 3rd/89, p.16.

Impounding

■ Samples are sent to DEP for testing. (Results are available in about one hour.)

■ The Decon Unit impounds and double-bags equipment at the scene.

Shower and exam

■ Members who might have been exposed to asbestos on the fireground shower and undergo preliminary medical examinations.

■ An FDNY utility truck takes the impounded equipment to the laundering facility. (The cargo compartment of this truck is separated from the cab to prevent exposure of the vehicle's operator.)

■ The bags of equipment remain in the laundering room until cleaning is scheduled. Then, decon team members vacuum the items before washing each in the appropriate manner:

Types of gear

— Turnout coats are placed in the washer for a complete wash cycle. After that, they're air-dried, because tests have shown that putting them in a dryer may damage the vapor barrier. The spin cycle of the washer removes most of the water, and air drying will occur in less than 24 hours. Bunker gear may take 48 hours.

Turnouts air-dried

— Boots and helmets are pressure-washed.

— Radios are wet-wiped.

— Hose is passed through the hose washer.

— Mask cylinders, harnesses, and regulators are wet-wiped, or washed with soap and water where possible.

— Mask facepieces are put through a wash cycle in the respirator cleaner.

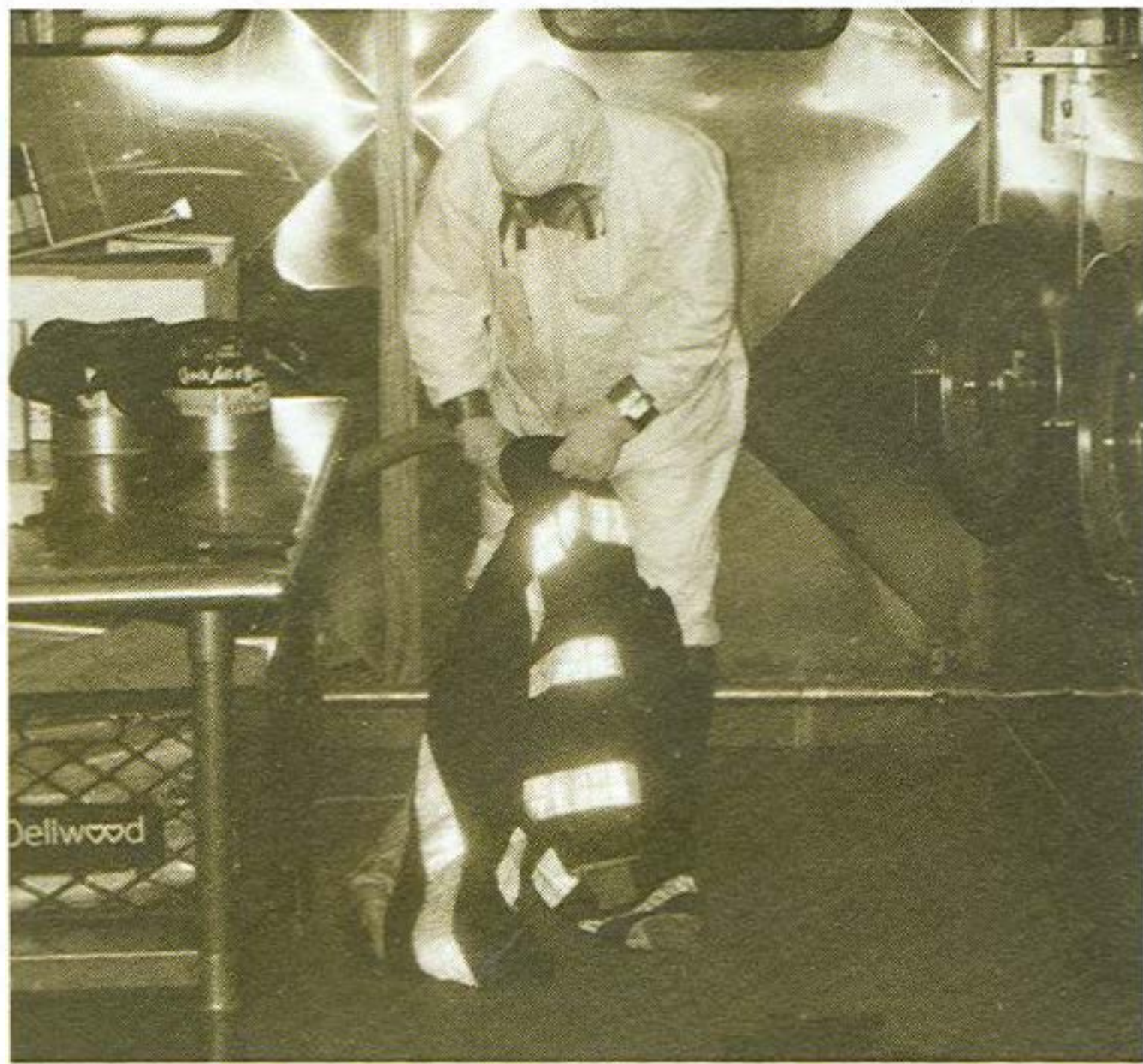
Work/duty uniforms are the responsibility of each member. Garments worn under turnout gear won't be contaminated if all the safety equipment is used as required.

Work-duty uniforms

Setting up the Department's specialized laundry has cost about \$70,000. The costs *avoided* by not sending equipment out to a contractor for decontamination were recorded through February of 1993, and they totaled \$2.3 million. Whereas the wait for impounded equipment to be returned could be more than a month with outside contractors, it's now 96 hours or less.

Costs avoided

The DEP's asbestos experts estimate that 99 percent of the Fire Department operations where asbestos is present pose no problem to the operating force. But as long as the perception of danger exists, the Department will continue to take all necessary precautions.



handlers, supervisors, and inspectors.

They'll be the cadre for the decon team and laundry facility, which recently has been used to clean equipment suspected of contamination with bloodborne pathogens, as well.

Bloodborne pathogens

Also integral to the asbestos decon operation are the members of Ladder Companies 15 and 20, who operate the

DECON UNIT: See "The Decon Unit," by James E. Curran, *WNYF*, 3rd/89, p.15.

Hazardous Materials Decon Unit apparatus. They

received training on asbestos awareness and were fitted for respirators to enable them to operate safely.

Cleaning procedure

Whenever asbestos contamination is suspected at a Fire Department operation, the following procedure applies. It's been approved by the city's Health Department and the Public Employee Safety and Health Division of the state's Department of Labor:

Decon zone

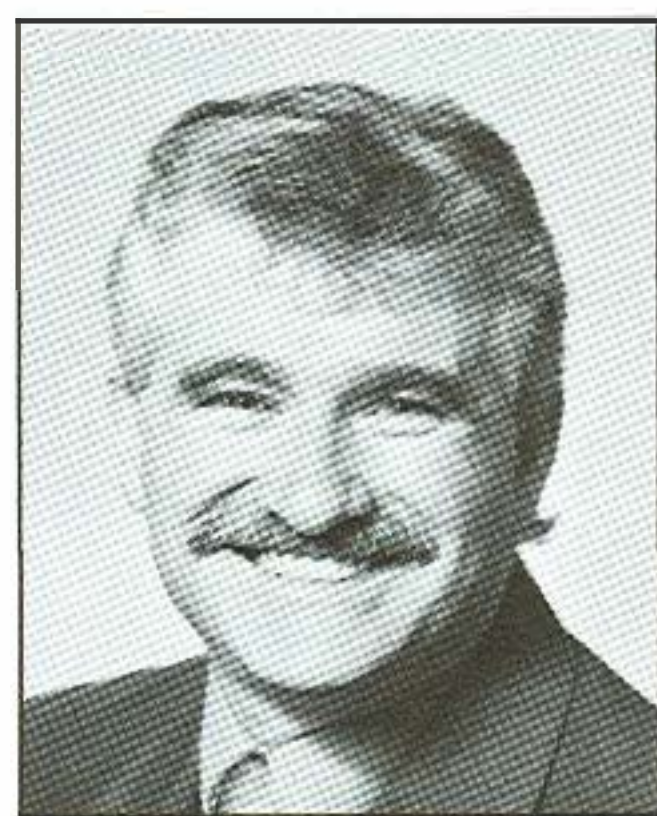
■ A decontamination zone is established, initially by the incident com-

MEDALS FOR VALOR

10



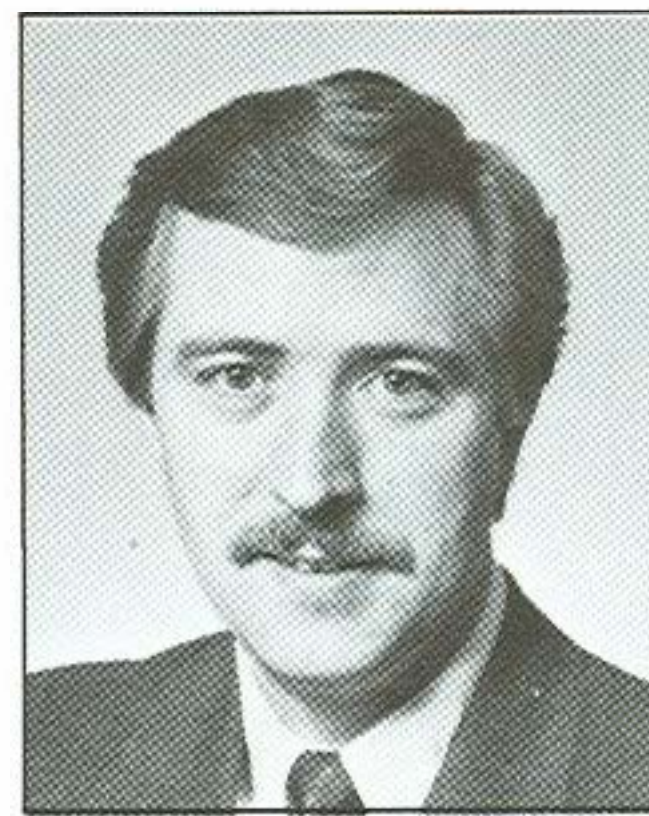
Fr. James G. Fenn
Ladder 15
Wolter Scott Medal



S.F.M. Daniel P. Higgins
B.F.I. - Bronx Base
John H. Prentice Medal



Fr. John M. King
Ladder 33
Henry D. Brookman Medal



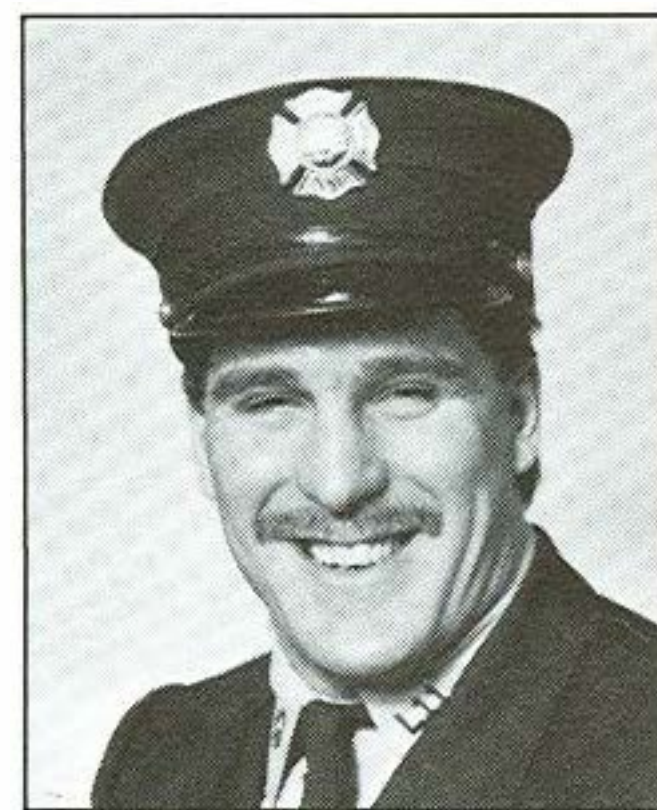
S.F.M. Kevin M. Masterson
B.F.I. - Bklyn Base
M.J. Delehanty Medal



Lt. Gerard O'Donnell
Ladder 14
William F. Conroy Medal



Fr. Michael T. Kelly
Ladder 120
Commissioner Edward
Thompson Medal



Fr. John H. Hodgins (2)
Ladder 11
Emerald Society Medal



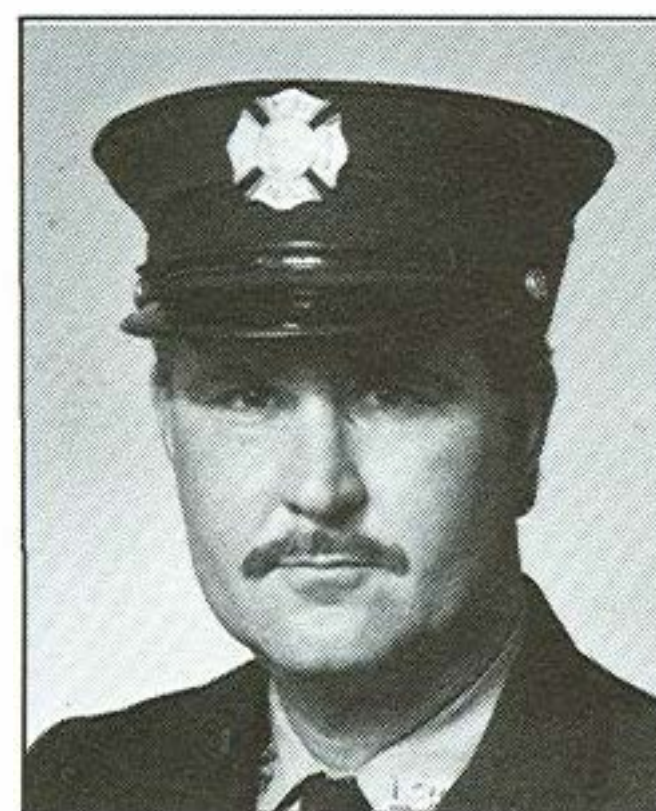
Lt. Dennis J. Kenahan
Engine 45
Chief Wesley Williams
Medal



Fr. Peter C. Martin
Rescue 2
Columbia Association Medal



Lt. Michael J. Puccio
Ladder 23
Susan Wagner Medal



Fr. Shawn J. Ashe
Ladder 34
Arthur J. Laufer
Memorial Medal



Fr. James R. Curran
Ladder 30
Signal 7-7 Fire Club Medal



Fr. Robert D. Dolney
Engine 227
The Community Mayors
of New York State
Lt. Robert R. Dolney Medal



Lt. Gary A. Demry
Ladder 27
Emerald Society
Pipes and Drums Medal



Fr. Albert A. Johnson
Ladder 54
Battalion Chief
Frank T. Tuttle
Medal

92

ADMINISTRATIVE MEDALS AND AWARDS



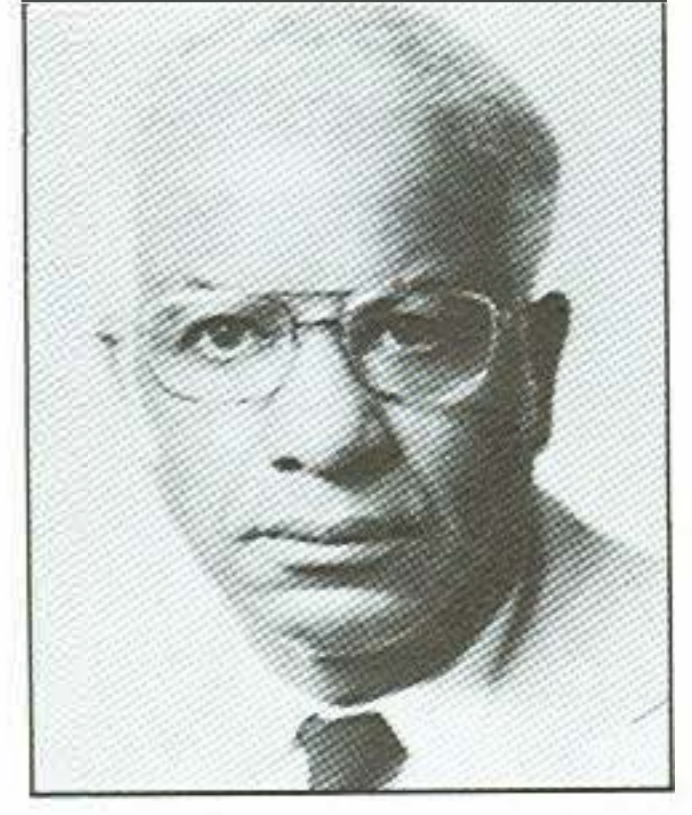
**Acting DC
Joseph P. Gallagher**
Special Operations
Command
Administration Medal



**F.M. Charles V.
Masterson**
B.F.I.
Commissioner Martin Scott
Medal



**Assistant Chief
Edward C. Butler**
Manhattan Fire Command
Leon Lowenstein Award I



Cyril J. Jones, M.D.
Chief Medical Officer
Bureau of Health Services
Leon Lowenstein Award II



**Battalion Chief
Kenneth F. Eichele**
Battalion 14
George F. Mand Award



SFAD Gerard F. Neville
Bureau of Fire
Communications
Chief Thomas P. O'Brien
Award



Anthony Napolitano
Deputy Director, Operations
- Revenue Mgr.
Bureau of Fire Prevention
Moe Ginsberg Award



**Deputy Fire
Commissioner
David Clinton**
Deputy Commissioner for
Legal Affairs
Fire Commissioner's Award
for Outstanding Service



**Assistant Chief
Harry C. Norum**
Bureau of Fire Prevention
James J. Johnston
Memorial Medal



**F.M. Christopher A.
Tempio**
B.F.I.
Deputy Commissioner
Christine R. Godek Medal



**Supervising Supervisor
Thomas E. Curti**
Fleet Maintenance Division
Honorary Assistant Chief
Jock Lerch Medal



Fr. Michael M. Dugan
Ladder 43
Dr. Harry M. Archer Medal



Fr. Albert J. Gonzalez,
Ladder 18
James Gordon Bennet Medal
N.Y.S. Honorary Fire Chieftains Association Medal



Lt. John J. Pritchard
Ladder 157
Mayor LaGuardia Medal



Lt. Robert Bolker
Ladder 157
Chief John J. McElligott Medal



F.M. William E. Tulipane
B.F.I. - Bronx Base
Thomas F. Dougherty Medal



Lt. Daniel J. Twomey, Jr.
Ladder 22
Albert S. Johnston Medal



Lt. Fred C. Zerilli
Ladder 79
Ner Tamid Society-Franklin Delano Roosevelt Medal



Lt. Philip A. DeVecchio
Battalion 26
Bella Stiefel Medal



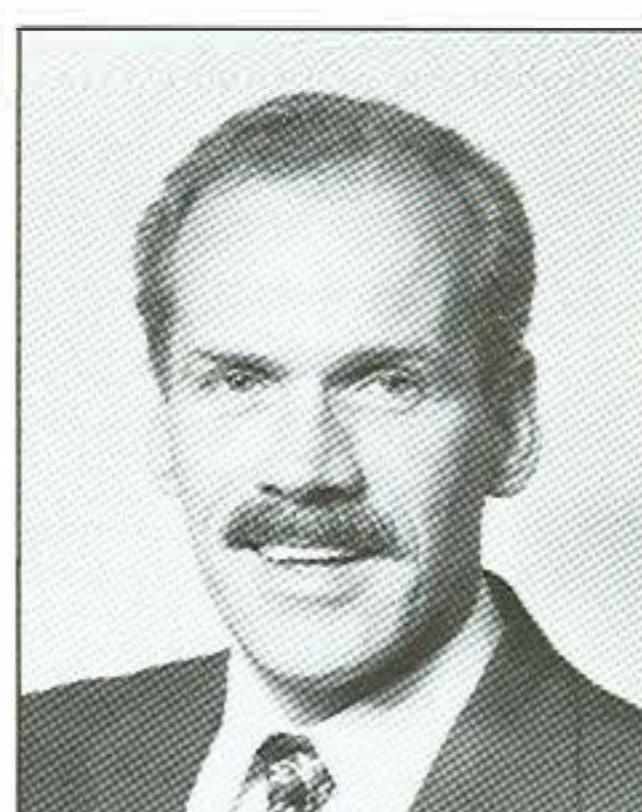
Fr. Richard V. Trampas
Ladder 126
Holy Name Society Medal (Brooklyn-Queens)



Fr. Lawrence J. Marley
Ladder 40
Steuben Association Medal



Fr. Thomas C. Moore
Engine 59
Hispanic Society Memorial Medal



F.M. James E. Devery
B.F.I. - Bronx Base
Dr. J. W. Goldenkranz Medal



Fr. John T. Gaine
Ladder 45
Captain Denis W. Lane Memorial Medal



Lt. Ronald W. Werner
Battalion 18
Uniformed Fire Officers Association Medal



Capt. John E. Keenan
Ladder 38
Company Officers Association Medal



Fr. Robert A. Kselman
Ladder 27
Dr. John F. Connell Medal



Fr. Anthony Sannella, Jr.
Ladder 136
Chief Joseph B. Martin Medal



Capt. Vincent Romeo, Jr.
Engine 28
Honor Legion Medal



Fr. Robert P. Murray
Engine 45
Fire Bell Club Medal



Fr. Brian W. England
Ladder 25
Police Honor Legion Medal

NATURAL DISASTER

In rescuing citizens from high water and its attendant problems, FDNY members were challenged by conditions they rarely experience.

It wasn't a hurricane, so it didn't get a name. But the "Storm with No Name" of December 1992 hit the New York area with nearly the same intensity as a hurricane, and it lasted many times longer. Low temperatures, strong northeasterly winds, heavy rain, and tides made extra-high by a full moon all battered the tri-state area for several days. FDNY members—more accustomed to working *with* water—were operating *in* the water, for hours at a time.

December 11, the first and worst day of the storm, saw FDNY units operating on several fronts. The following are only a few examples of the exhausting work done that day:

On Staten Island, Ladder Co. 83, with Lt. Michael Bishop (Engine 158, covering in Ladder 83) in command, responded to box 3855 that morning. The basements of the homes along Wiman Avenue in the Great Kills section, along the South Shore, were filling with water. There were numerous shorts and flash fires as the water rose to the main electrical boxes. This condition would also become a major concern to members working in water that had become energized. (Fortunately, the amount of water was so vast that the low voltage of house wiring was well dispersed.) Company members worked their way down the block, checking each house and evacuating any people they found.

Many of the residents were elderly or unable to walk through the one to four feet of icy water

by themselves. The first person rescued was a woman who could get around only with the help of a walker. Ladder 83 found her sitting in her livingroom, trying in vain to keep her bare legs out of the water. After moving the woman to a stronger chair, four members lifted her over the water and carried her down the street to safety.

The tactical support units had responded, and their inflatable boats were put to good use. TSU 2's boat assisted Ladder 83 in rescuing several people.

Working in the cold water began to cause hypothermia among the Fire Department members; they had to move to higher ground to get out of the water and rest occasionally as their legs became numb.

Cold-water exposure suits gave some protection to Rescue Co. 5 members working in the same area. Capt. Jay Fischler (covering, Special Operations Command) had given the order to don the suits when reports came in of people trapped in their homes, people missing, electrical problems, and other emergencies caused by the rising waters.

Rescue company members divided into two teams to operate in conjunction with Tactical Units 1 and 2. They made many evacuations, and circled back repeatedly in the boats to check on residents who opted to stay in their homes. Members often had to leave the boats to search for victims in shoulder-deep water.

At one point, a fire was seen nearby. Rescue 5 and a TSU boat were deployed to the burning house while the other TSU boat went to pick up a nearby engine company. Hose lines had to be connected to submerged hydrants and then stretched in 5 feet of water to extinguish the house fire.

It was cars and shanties, not houses, in which people were trapped on the Lower East Side of Manhattan. Arriving at South Street, near the East River, Engine 9 found 75 to 100 cars submerged to the roof level.



Seeing the extent of the search they would need to perform, Lt. Paul Schmidt contacted the dispatcher and requested the response of the battalion, the division, and Rescue 1 with its exposure suits and inflatable boat.

Notified that Rescue 1 would be delayed, Lt. Schmidt split his crew into two teams. One took the life rope, the other a search rope with a life ring; both were tied off to substantial objects. The members entered the 45-degree, polluted water without any protective equipment other than their turnout gear.

As the search of the cars progressed, the storm intensified and the water rose quickly. Fearing the members would be swept into the river, Lt. Schmidt pulled them out of the water.

The officer saw a backhoe and its operator a block away, and asked for the civilian's assistance. After some initial reluctance, the man agreed to use the backhoe to reach the cars.

The first car encountered contained two individuals, one of them a New York City police officer. She showed signs of hypothermia and shock upon removal and was taken to high ground. She was then placed in

the heated cab of Ladder 6's apparatus, which had also responded, to await an ambulance.

Engine 9 and the backhoe returned to South Street to assist others who were trapped.

The storm now posed a grave danger to a group of homeless people living in about half a dozen shanties next to the East River's sea wall, just north of where the vehicles were submerged. Winds were tearing the makeshift homes apart and washing them into the river.

Lt. Schmidt had his unit secure the shelters with utility rope. Using the backhoe once again, Engine 9 evacuated the occupants. The earthmover made three difficult trips from the seawall to EMS crews on higher ground, carrying 7 to 10 victims in its bucket each time.

Other Fire Department operations that day included the assignment of a proby class to fill and place sandbags in Staten Island and Brooklyn.

The Storm with No Name gave scores of firefighters and officers a taste of the demands a natural disaster puts on the Department and individual resources. They responded to this massive non-fire emergency with ingenuity and stamina.

—William Cantley
Technical Editor
WNYF

◀ ▼ WORKING IN WATER

Just as they did in the adjoining neighborhood of Great Kills (see "Natural Disaster," at left), fire companies in Staten Island's Oakwood section found themselves waist-deep in bone-chilling water on

December 11, 1992. In Oakwood, members of Engine 166 and Ladders 86 and 77 used a privately owned boat and Ladder 77's apparatus to evacuate civilians. Photos by Rich Kane, *Staten Island Advance*



■ PUBLIC AWARENESS

"Homeowners Hire Ally Against Insurers," by H.J. Cummins, *New York Newsday*, June 23, 1992, p.29

Although the incident that leads off this newspaper report occurred on Long Island, the events would sound familiar to many FDNY officers: A handful of public insurance adjusters arrives to solicit business as a couple stands watching their house burn, then track the fire victims down at a neighbor's house early the next morning.

Public insurance adjusters sell their services to consumers who have insurance claims to make—acting as the client's advocate in dealings with the insurance company's own adjuster. According to the *Newsday* article, their fees usually range from 5 to 12 per

cent of the settlement—a settlement the public adjusters claim or imply is larger because of their expertise.

An unscrupulous few is all it takes to give any profession a bad image. Various FDNY members have had run-ins with this portion of the public insurance adjusters' profession—certain individuals who are callously aggressive and even misrepresent themselves.

Typical of half a dozen occasions I can recall is one in which the occupant of a fire building approached me during the overhauling stage and said a fire officer was on the phone. Won-

dering why the officer would be calling on a land line, I got on the phone and started asking questions. The person—who turned out to be a public insurance adjuster—became rude and evasive and soon hung up.

Unfortunately, most of the FDNY's encounters with those public adjusters who do misrepresent themselves are by phone, and that makes it hard to apprehend them. "You'll never have a face-to-face confrontation," says Chief Fire Marshal John Stickevers, who himself has been called at home by a public adjuster who found his phone number in a reverse directory when a building was burning on the next block. The adjuster identified himself as "Capt. Smith of the Fire Department" and hung up when asked for his own phone number. Had he not been found out, "Capt. Smith" may have recommended that the fire victim hire a certain public adjuster—himself by his real name.

To lock out competition, some public adjusters have been known to give victims bogus investigative "case numbers," along with instructions not to speak to anyone who doesn't have the right case number. As a result, says Chief Stickevers, "fire marshals have to convince people we're legitimate" in order to conduct the FDNY's investigation of a fire where this sort of misrepresentation has occurred.

Chief Stickevers advises that, if a fire officer is on the scene when a victim receives a questionable phone call, the officer can get on the phone. A public insurance adjuster engaged in misrepresentation will usually hang up upon realizing the other party is a fire officer.

Then the officer can encourage the victim to take some time to reflect and choose the right public adjuster—if any—to hire. Additional information from the *Newsday* article may be helpful:

- The New York State Insurance Department licenses and takes complaints regarding public adjusters.

- State law prohibits public adjusters from soliciting business between 6 p.m. and 8 a.m.

- A public adjuster may in fact know ins and outs of filing claims that a client doesn't. For example, the article notes, "homeowners routinely forget to submit claims for certain costly items, including food in freezers, eyeglasses, and prescription drugs."

- However, some consumer advocates argue that, if a person has chosen a reputable insurance company, a public adjuster is unnecessary.

—Michael Scirica
Battalion Chief
Chief in Charge
AFID Analysis/Audit
Unit
Fire Prevention Bureau

■ ON-DUTY DEATHS

Nationwide in 1992, the number dropped by nearly a third.

The number of firefighters who died line-of-duty nationwide in 1992 was 30.8 percent below the previous record low of 1991.

The National Fire Protection Association says 74 firefighters died—25 of whom were paid members of local fire departments. Slightly more than half the total deaths occurred on the fireground. Of those, 20 were due to heart attacks, and another 20 occurred while responding to or returning from alarms.

The decrease in deaths cut across categories of type of duty, nature of injury, and age.

Good news this size could be a one-time thing. The NFPA warned against complacency and urged continued emphasis on safe firefighting practices, health, fitness, and training.

—Gloria Sturzenacker
Editor
WNYF

TAXPAYER CELLARS

A brief reminder is added to a recent article.

The Quick Study entitled "Ladder Company Assignments at Taxpayer Fires," which appeared in the 1992 issue, has been deservedly popular with WNYF readers. FDNY members are indebted to B. C. Stanley Dawe for making the procedures in *Firefighting Procedures, Fire Operations*, "Taxpayer Fires" so graphically accessible.

I offer one addition, regarding safety, to the general notes in the introduction to those Quick Study illustrations. It is this:

At all taxpayer fires, but particularly at cellar and first-floor operations, members should check the front, sides, and rear for outside cellar entrances. (See diagram at right.) They should open any such entrances they find, to determine the presence, location, and size of the fire.

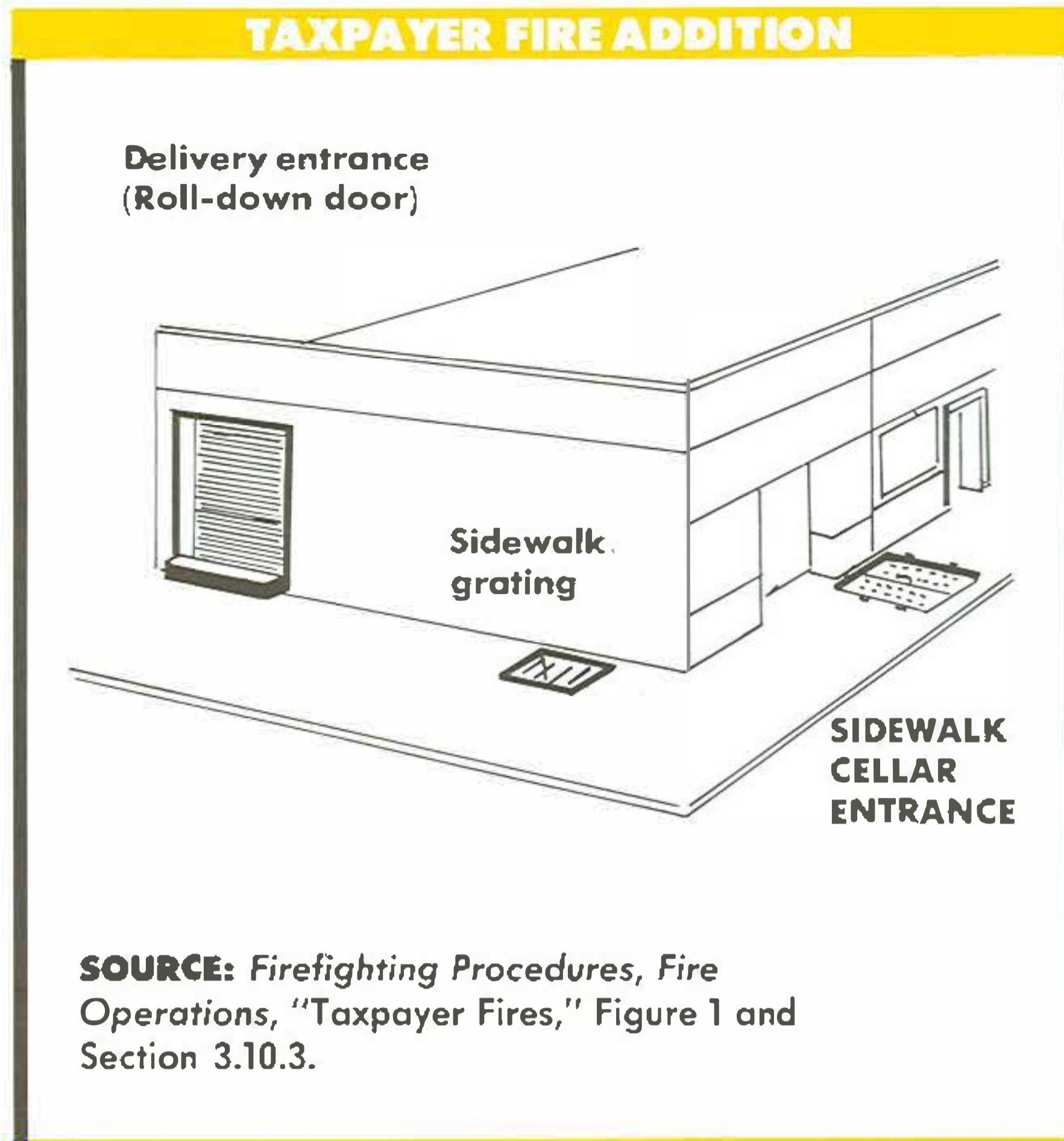
At night, in heavy smoke, or when snow covers the ground, these important entrances might be overlooked.

—Martin Hughes
Battalion Chief
Battalion 46

AUTO ARSON INJURIES

Queens box 7551, Ditmars Boulevard and 41st Street, July 25, 1992, alarm transmitted at 2323 hours.

When suspicious fires are reported to the Bureau of Fire Investigation a day after they occur, there's often nothing we can do with the case; the evidence has been too seriously compromised and witnesses can be hard to find. This case, though, was one in which the responding fire companies' quick notification of the fire marshals



SOURCE: *Firefighting Procedures, Fire Operations*, "Taxpayer Fires," Figure 1 and Section 3.10.3.

and attention to protecting evidence helped make a successful criminal case.

Fire Marshal Vincent Koenig and I had been monitoring the fire radio when the Bronx Base (where I was a fire marshal at the time) notified us to respond to a car fire at this Astoria intersection. We knew this was no simple car fire; we had heard the frantic cries for the Emergency Medical Service from units on the scene.

There were numerous fire and police units there when we arrived. In the middle of all the apparatus was the burned vehicle, a white Suzuki Sidekick. There had been four people in the car, and the battalion chief had their names and dispositions ready for us. One was still on the scene; the others had already been taken to the Burn Center at New York Hospital-Cornell Medical Center. The three youths, ages 19, 16, and 15, had suffered serious burns.

The responding fire units had extinguished the fire with the least amount of water possible; they had also kept onlookers away

from the car. These actions helped preserve the evidence.

Our physical examination of the vehicle indicated that the fire had been intentionally started with a flammable liquid: There was no accidental cause to be found, and the origin of the fire, apparent from burn patterns, was on a seat and the outside frame.

At our request, the police took the uninjured passenger to the 114th Precinct and vouchered the car, its contents, and various related items that had been recovered from the street.

With these processes in motion, F.M. Koenig and I were free to head to the Burn Center and then to the 114th Precinct to interview the vehicle's occupants. We learned from the victims that a gang of boys had been involved, and they gave the first names of two they had recognized. But none of the victims was able to identify the boy who had thrown a Molotov cocktail at the Suzuki.

Yearbooks from several schools in the area were available at the

precinct. Going through these with the uninjured passenger yielded the last names and addresses of the two boys who had been identified. The police brought the boys and their parents to the precinct, where we were able to get both boys to name the firebomber and to give the location of the container in which he had carried the gasoline.

During a trip to the suspect's home, we persuaded the suspect's mother to tell us where he was for his own good. The second location proved fruitful; it was there that we arrested the suspect.

The physical examination of the vehicle, recovered evidence, and eyewitnesses made a good case. But this crime had caused such suffering that I wanted no loose ends. (BFI squad partners rotate the duties of lead investigator, and that was my role in this case.) The investigation went on through the night and the following day. It included:

- Two "show-ups" for confirmatory identifications of the suspect (a show-up differs from a line-up in that it involves only one subject, because the witness knows the suspect);

- A photo array taken to the Burn Center for viewing by the victims;

- A line-up viewed by the uninjured passenger; and

- Analysis and fingerprinting of the recovered gasoline container at the police lab.

After 24 hours of working on this case, there was one last piece of information I wanted to get, and it had to be done while memories were fresh: the gas station where the gasoline had been bought. The only way to find that out was with a good, old-fashioned canvass of stations near the scene of the fire.

Starting from the scene and working in widening circles, I started to question gas station attendants. At the fifth station I found the attendant who had sold it. The description he gave perfectly matched the young man I had arrested. I put together one more photo array, and in

minutes, the attendant had picked out the suspect.

At the arraignment, the Queens district attorney asked that a bail of \$250,000 be set, and it was. Seventy-two hours later, the grand jury returned an indictment for eight felony counts, including first-degree arson and attempted murder. The suspect pleaded guilty to all charges.

—**Daniel Higgins**
Supervising Fire Marshal
Bronx Base

▼ SIMULATION

Working back to back at the instructor's and students panels. Lt. Frank Cuozzo (now retired) and a student use one of CTS's fire pump simulators. (See story below.) Photo by Fr. Maryann McCormack



■ CHAUFFEUR TRAINING

Simulators make it possible for students to get hands-on ECC training in the classroom.

For more than a year, fire-fighters training to become engine company chauffeurs have had the use of three fire pump simulators in the Chauffeur Training School.

The fire pump simulator is an instructional tool which copies the actual functions of the

pumper. Students normally train on an actual, working pumper, but the simulators prevent the loss of instructional time during bad weather.

Each simulator comprises two individual panels, the instructor's control panel and the student's main pump panel. From the first, the instructor sets up scenarios and monitors the student's actions at the second.

The instructor's control panel is made up of selector switches which vary the size of the nozzle, size of the hose, length of the stretch, hydrant pressure, oil pressure, and engine temperature. Hose lines stretched to various heights can also be selected.

To simulate basic engine operations, the instructor chooses a hydrant as the water supply. But other scenarios are also possible, such as booster operations (quick water), standpipe operations, and relay operations.

The student's panel is fashioned after the standard pump panel now in service and duplicates the actions of actual pump operations. At this panel, the student responds to the instructor's scenarios by controlling the simulator in the same manner an ECC would operate the pumper in the field.

A typical scenario might require the student to supply a handline and provide 40 psi nozzle pressure; this imaginary line consists of 6 lengths of 1¾-inch hose and 4 lengths of 2½-inch hose; the nozzle has a 1¾-inch tip. The student would have to know how much pressure is lost in a length of each size, then be able to calculate the pump pressure necessary to achieve 40 psi nozzle pressure with this handline.

The ability to read and interpret pressure gauges and water flow meters is an essential part of ECC training, and the Chauffeur Training School's three fire pump simulators help develop those skills.

—**Frank Cuozzo**
Lieutenant (Retired)
Chauffeur Training
School



■ NEW FOAM APPARATUS

A tanker truck will bring bulk supplies of foam to fire scenes.

Later this year, a 3,000-gallon tanker will begin responding on the 10-86 signal ("foam operation") and any time it's special-called by an incident commander

The Foam Tender Unit, as it has been named, can supply concentrate to satellites and their backups, as well as foam solution to the handlines of any engine company. In addition, it can supply concentrate in bulk during operations—to fireboats, for example. The Tender itself can also be refilled during operation.

The truck's 3,000-gallon capacity is divided among three 1,000-gallon tanks, which are individually removable so that the truck can remain in service if one of the tanks needs repairs. Two of the tanks will carry fluoroprotein concentrate, and the third will carry alcohol-resistant fluoroprotein concentrate.

The Foam Tender Unit will be assigned to Engine Co. 238's quarters. Backup companies are Engines 218, 237, and 325.

—**Peter Valenzano**
Battalion Chief
Foam Training
Coordinator

■ MEDICAL EXAMS

Through Health Services, you can see some of the city's best-qualified doctors—free.

About 14 FDNY members and relatives with non-duty-related medical problems have had a free consultation through the Pro Bono Medical Panel which the Department estab-

▲ FOAM TENDER UNIT

Designed mainly to supply foam units and handlines at fire scenes, this new tanker truck has a capacity of 3,000 gallons. It's a 1992 Mack MR chassis with a Saulsbury body. (See story at left.) Photo by Jack Lerch

lished in April of last year. The referral service is available to uniformed members and their spouses and minor-aged children.

Once a request for a referral is granted, the member or relative will receive a single examination from an appropriate specialist free of charge. Further visits require a separate financial arrangement, which often is covered by insurance.

Dr. Steven Lamm, a clinical assistant professor at New York University who practices internal medicine in Manhattan, assembled the panel at the Department's request. He recruited 30 to 50 physicians in all specialties—from pediatrics to plastic surgery to sports medicine. As Dr. Lamm explains, what the panel fulfills is not so much a financial need among FDNY members, but the desire to have top-notch medical advice available.

Instructions for requesting a referral through the chief of health services appear on Department Order 53 of 1992, dated April 29.

—**Gloria Sturzenacker**
Editor
WNYF

► **Qns. Box 5046**

Members of Ladder 127 move in to operate at a second alarm at 104-29 189th Street. The alarm was transmitted at 0141 hours on February 2 for a 2½-story private dwelling. The wind chill factor was zero degrees. Photo by Fr. John Strandberg

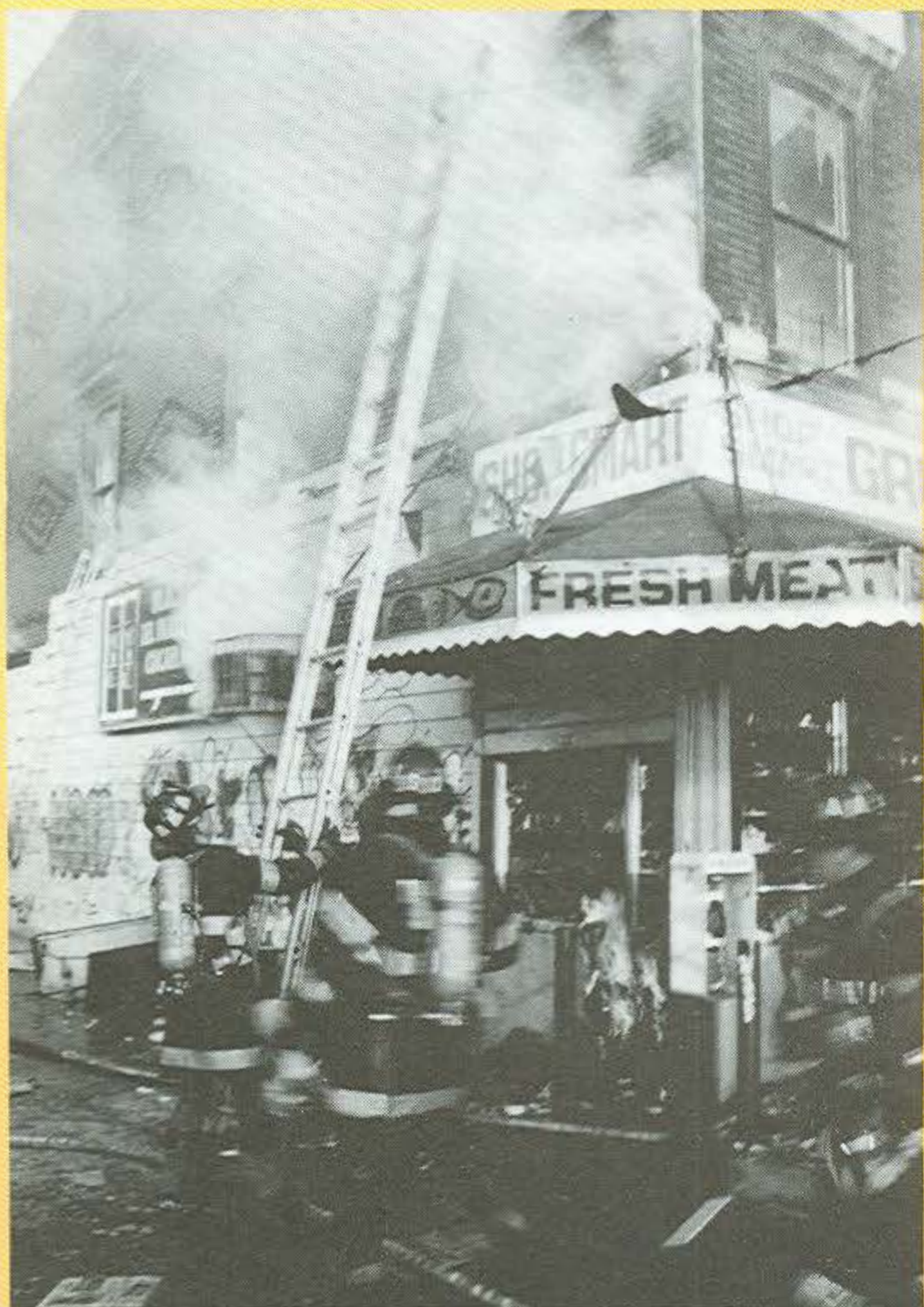


▲ ▲ **MANH. Box 1746**

(Above) Engines 93 and 67 employ on exterior attack at a two-story taxpayer, 538 West 181st Street, on the evening of April 23. (Above center) At the same stubborn third alarm, Ladder 45 prepares to operate into the upper floor and cockloft. Photos by Fr. Jim Romeika

▼ **Bnx. Box 2365**

A stubborn third-alarm fire struck 891 Irvine Street on February 5. The box was transmitted at 1347 hours. Heavy fire on all three floors involved exposures 2 and 4 before the blaze was brought under control. Photo by Fr. John Strandberg



◀ **Bklyn. Box 356**

On the morning of March 10, first-alarm units found fire in a closed store at 194 Throop Avenue. Tenants were removed and fire extinguished by using a second alarm. Photo by Fr. John Strandberg



PHOTO ABOVE

Fr. Tim McCauley (L.40), pushing past the competition, leads the FDNY team to its 16th consecutive victory in the Fire/Police Race in Central Park this past April.

THRU THE BAG

IN OUR NEIGHBORHOOD, WATCHING OVER US

I am writing to compliment the members of the Chelsea station on 19th Street and 7th Avenue [Bn.7, E.3, and L.12].

On the night of January 4, my compressor's return valve failed and the machine would not shut off. (One of my framers had forgotten to unplug it). The machine overheated and began to smoke and smell; around 4 a. m. (as I was told), the Fire Department came over to investigate. They cut my gate padlocks off, and following the advice of the building's super that there was nothing dangerous stored inside, they picked the front door lock open carefully. They came in, unplugged the machine, and then padlocked the store again.

The next morning, finding the red tag on the unfamiliar padlock, I called the station. Everything was explained to me as to what had happened—clearly, non-accusatorially, and patiently, with the promise that they'd be over as soon as possible to unlock my gate.

I was digesting all of that information, but when I heard they'd be over, I felt that—like most things related to the City—we were in for a long wait. Not so. Within a half an hour they pulled up, and the officer in charge apologized for the delay! (They had had another call.) Once in, we checked it all out; except for a slight residual odor, everything was fine.

I want to compliment and thank the crew of the Chelsea station for their calmness, level-headedness, and consideration. I also want to compliment the firefighter who

1ST DIVISION

by Bert Springstead (L.9)

Lt. Erb (E.33) would like to thank Fr. Schmuck (E.33) for smacking the bugs off his neck. . . . E.33/L.9 rugby team had to place Fr. Tom Lozada on the disabled list for two weeks due to massive plug loss. . . . In shocking election results, Larry "Ka-Caw" Brown is the new L.3 Pest Award recipient, a.k.a. Jim Wind Award. . . . Will someone tell Fr. Spiess that the sweater is not required, especially in the shower. . . . The halls of L.3 are once again echoing with music thanks to Capt. Mike "Woodstock" Murphy's strumming. . . . Hello and farewell to Pishlli's Rangers; the one day they existed they really shook up L.3 "Emeralds." . . . Uh-oh, is it true Bn.6's Leon "I Swear I'm Italian" Morris is running for president on the *Potato Salad Platform*? . . . Congrats to Bryan Platt (E.10) on his heroic water rescue, receiving the Daniel J. DeFranco Award, and to the members of E.10, who received the Burn Center Award at Medal Day. . . . A great job done by E.10/L.10, *first due* at "The Big One." The New York Stock Exchange is considering halting trading on days Lt. Matt Donachie (E.10) is working. . . . A fond farewell to Fr. Leslie Allen on his retirement after 33 years. . . . Congrats to Gary Michael Lamb and Paul Rhodes of L.10 on their baby boys. . . . Congrats to Fr. Teddy Penfield (E.7) on his retirement after 33 years; he will be missed. . . . E.7/L.1 miss the silent treatment of Frank "I Gotta Get Outta Here" Esposito (L.1). . . . Everyone's wondering if Proby Nick "I Dream of L.15" Mirto (E.7) will ever pick up a broom. . . . E.6, stork call to Lea and Dave Faran: baby boy Sean (like in 007). . . . The Silva family is the

ASPCA Family of the Year. . . . E.6 wondering which is more decorated, Ralph E. Burton or his Pontiac? . . . Stork visits L.18: Coyle and LiGreci, both girls. . . . Congrats to Al "Taco Bell" Gonzalez on receiving the Gordon Bennett Medal and the NYC Chiefs Association Medal. . . . How can Lt. Paul Schmidt (L.6) motivate John Bergen, Dwayne Dewitt, and Keith Johnson to pull hard enough on a hose to win the tug-o-war, when Lt. Joe Ward (L.6) can't get the same trio to push hard enough on a broom to move one cigarette butt into a garbage can? . . . Modern dance fans will be happy to know that in-again, out-again tap dancer Bob Wilday (L.6) can now be seen daily in the drill room extricating himself from a couch using his patented shimmying side-roll evolution. See Joe Dawson (L.6) for tickets (2 for \$5. If I didn't love you guys so much, I could get a lot more). . . . L.8 welcomes Probies Craig "Dr. Do Little" Carlsen and Rob "Dr. No Less" Guiliano. . . . Stork visits Firefighters Murphy and Garcia. Both have baby girls. . . . Rich "Stoolie" Stewart (L.20) shouldn't be allowed to prepare food again. "Bow-wow." . . . Someone tell Rich Snyder he will not be paid for any work without a written estimate and completion bond. . . . L.20's Dream Team: Who are they, where are they, and when will they strike again?

3RD DIVISION

by Gene Maguire

Rumor has it that a member of E.65 was attacked by a rogue mouse in quarters on a 3x6 watch. . . . Congrats and best wishes from the 43rd Street gang to "Big Al" Avitable (E.65) on his recent marriage to Dawn. . . . Does anyone know who is the "Devil Boy" of East 43rd Street? . . . Fr. Joe "New Shoes" Petrassi (E.65) suffered a recent loss: his car with 140,000 miles. They don't make things like they

used to, Joe. . . . Congrats to Fr. Fred "Stone" McKeon (L.21) on recent family addition. . . . E.34 welcomes Probies McKenna and "Radar" Philcox aboard. . . . Fr. Brian "Matt Houston" Kappen (E.34) looking for early reliefs for basketball games. . . . L.7 and E.16 welcome Proby Ray DiSanza and Fr. Ken Barry. . . . E.26 would like to say farewell to a legend—Capt. James "Mister" Hand has officially retired, and we wish him all the best. . . . Congrats to newly married Fr. Bob "Never Again" Walsh and Fr. Bob Hess and their new brides. . . . E.26 is deeply indebted to Fr. Lou "Remote" Malizia for breaking the case of the remote control codes. . . . E.44 had a good showing in the B-ball Bronx League this year, but died in the playoffs. They did learn how to dress for the sport from Fr. Tom "Old Coot" Gaby (E.44), who covers up every exposed inch of skin. . . . E.44 welcomes a boy, Thomas, for Fr. Kevin "No Top Pay" Dunn and wife, Tina, and a girl for Fr. Ralph "My Knee Hurts Too" Martinez and wife, Sophie. . . . Add Fr. John "Uberman" Driscoll to E.44's cardiac club. Current members are Fr. Francis "Open Heart" Heffernan and Fr. Ed "No EKG" Zagajeski. . . . Quote of the month goes to Lt. Tom "Robi" Robinson (L.13). Robi said, "March 18th is definitely not a great day for the Irish or anyone else who marched yesterday!" . . . Rumor from Fr. John "Denver" Flynn is that Fr. Mike "Lightning" Donahue's all-time favorite movie is "Pillow Talk."

ALL HANDS



STARTING A TRADITION

Family members and others gather to dedicate the 1st Annual Thomas F. Reilly International Firefighters Team Championship Run, held at Flushing Meadow Park in Queens during April. At left, third from left, and third from right are children of Fr. Tom Reilly (E.73)—Kevin, Tama, and Brian. Second from left and second from right are sponsors Pat Grimes and Mike Provansano. At far right is Fr. Kevin S. Malley (L.40), an organizer of the race.

Photo by Fr. Sol Camilleri

... The members of E.22 and L.13 would like to thank Fr. Greg "Bro" Stajk (L.13) for his recent karate demonstration and also look forward to future demonstrations... Happy retirement to Fr. Sylvester "Sly" Riddick and Fr. Nat "Sgt. Rock" Costa of L.13. Nat will be devoting the rest of his days to proving the Botzaloasian Theory that there are Russian cosmonauts trapped on the moon.

5TH DIVISION

by Bill Butler (L.23)

Wedding bells are ringing for Tom "Wanna Be a Truckie" Reilly (E.91)... Does John "Gelly" Kelton's (E.91) hair ever move?... Is there enough popcorn on 111th Street for Jim Crilley (E.91)?... Congrats and best of luck to senior man Dan "Dottie" Medina (E.91) on his 25th anniversary in E.91 and his retirement... Congrats to the FDNY Hockey Defensive MVP, Larry Vail (L.40). "Sahara" Maher (E.37) wants to know who's helping him... The Joos brothers (L.40 and E.37) are meatless and full of citrus, too... Good job at the Police/Fire Race

TWO FRIENDS, TWO LEGENDS

The sad and proud ceremony of a plaque dedication in a firehouse immortalizes a member whose cherished memory lives on after physical life has ended. Such a ceremony in the quarters of Engine 73 this spring commemorated the careers and friendship of D.A.C. John M. O'Hagan and Fr. Thomas F. Reilly.

They had become close buddies in Engine 73, where O'Hagan was a lieutenant and Reilly spent his entire career. Reilly co-founded the Widows and Orphans Fund of the Fire and Police Departments; O'Hagan went on to run the Marine Division and eventually become chief in charge of the Special Operations Command. Both were well-liked by those who worked with them.

Last year, they both died of cancer, three months apart.

A plaque dedication does

more, though, than memorialize the lost member. It strengthens those who follow.

D.C. Thomas Kilker (Div. 6), one of the speakers at the ceremony, compared the way a new firefighter is shown around quarters to a painting Chief Kilker has at home:

The painting, by a famous Western artist, Howard Terpning, depicts two Native Americans standing on a mountaintop. "One is an old chief resplendent in his robes and feathers, and the other is a young warrior. They are overlooking a scene somewhat like the Grand Canyon, and the old warrior is pointing to the horizon. He's telling the young warrior of the land, the battles, and the tales of his people. The title of the painting is 'The Telling of Legends.'

"It is not hard to imagine someday an old warrior from Engine 73 or Ladder 42, standing in front of the plaque with

a young firefighter and telling of John and Tom.

"It is also not hard to imagine, maybe decades from now, a young firefighter on housewatch late at night, with the apparatus floor all dark. All is quiet except for the gentle creak from the apparatus as it settles back on its springs and the engine cools from the last run. The firefighter on watch decides to take a break from his studies for promotion to lieutenant. The firefighter stands up to stretch and, standing there in the silence, gazes upon the plaques of Tom and John. This young member knows of John and Tom from the telling of legends, and remembers, and maybe says a silent prayer for them.

"Unlike the tombstone standing its lonely vigil, the plaques serve as a wonderful, eternal way to be remembered."

TTB CONTINUED FROM PAGE 28

talked to me the next day for his politeness, concern, and professionalism. I'm well aware that many other scenarios were possible under those circumstances, and I am relieved and reassured to have those firefighters in my neighborhood watching over us.

Sincerely,
Heidi Holliger
Manager
Chelsea Frames by
You Inc.
Manhattan

LIKE A WELL OILED MACHINE

At about 1335 hours on Tuesday, March 9, a call was placed to 911 that there was a fire on 49th Street between Lexington and Third avenues. The following units arrived on the scene: Battalion 8, Ladder 2, Engine 8, Engine 21, Ladder 4, and Rescue 1.

I would like to inform you of their performance. They worked as a well oiled machine. Within a matter of minutes, they were set up and fighting the fire. Each and every member is a credit to the FDNY and to all New Yorkers who depend on them.

Also present were officers of the 17th Precinct. I am sick and tired of hearing how the Fire and Police Departments do not work with one another. This is not what we found during this emergency. It looked as though your members and those of the 17th Precinct were trained as one unit.

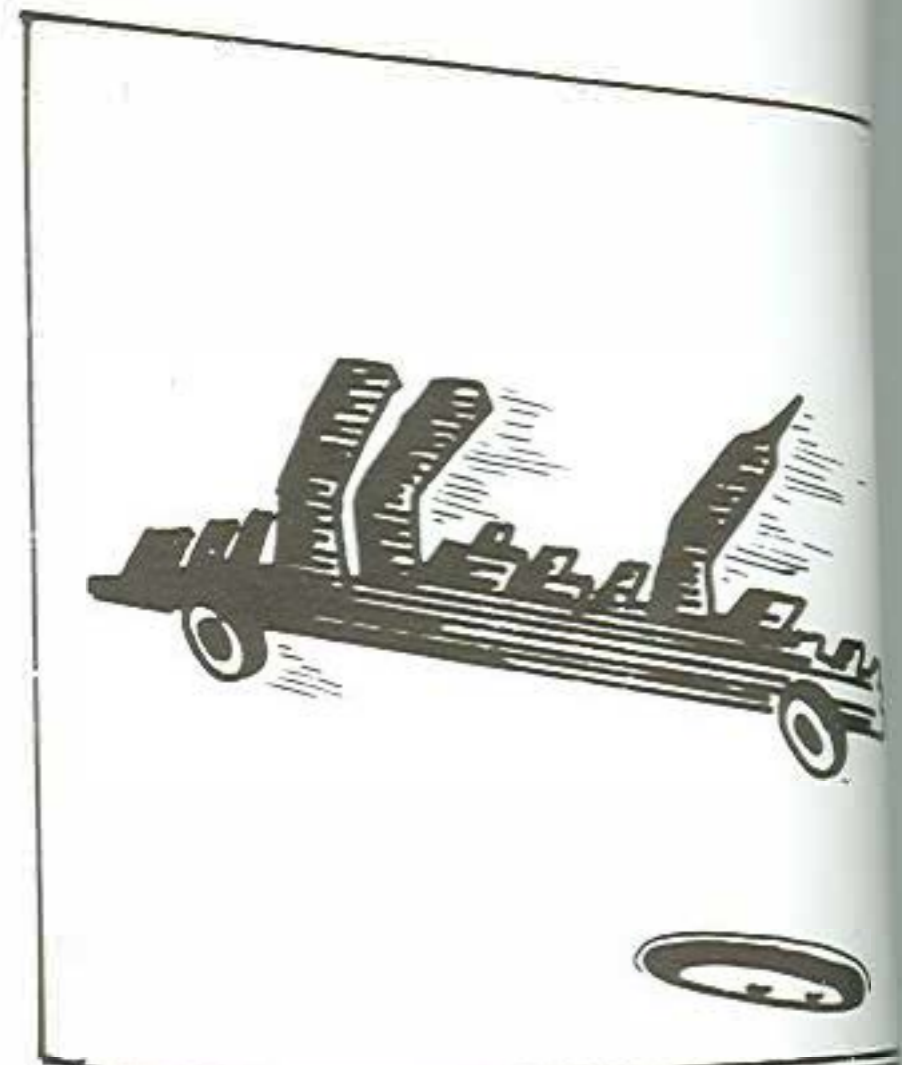
I called the commissioner's office and spoke to Capt. Brian Dixon [of the Office of Public

TTB CONTINUES ON PAGE 32

SKIP PANETTIERE
ENG 53



"Staten Island Brush Fire"



"Manhattan Responding"

by E.37 and L.40 and the human Halligan, Kevin Malley (L.40). Congrats to Tim McCauley (L.40)—26:40 for five miles... Congrats to Billy Purcell on his retirement after 34 years in E.95... Good luck to Jackie "I Do Everything" O'Shaughnessy, Pete Krebs, and Richie "Circles" Crespin (L.36) on their transfers... The Hill thanks Andy "Senior Man" Horan (E.80) for the extra-large refrigerator. Ralph is forever grateful... Any truth to the rumor that Tom Hughes would like to have a son just so he can name him Paul, after two of his favorite firefighters?... Stay safe.

6TH DIVISION

by Pat Reynolds (E.82)

Good luck to Capt. Thomas Owens (L.54) on his retirement... Happy trails to Lt. Sweeny... Congrats to Lt. Sheehy and Fr. Johnson on their medals... Baby girls to Degman and Amerbach... Congrats to Paddy Woods on his marriage... We welcome Fr. Garcia to L.54 and ask him to teach Andy "P" how to "box and duck"... New probies Sullivan to E.96 and Mattutat to L.54... Congrats to our ski teams on 2nd and 6th

finish... E.71 and L.55 welcomes back Lt. "I'll Break Your Sternum" Aretakis from Social Club Inspection. Our paperwork will never be the same... Congrats to Fr. "Turtleneck" Nolan and Fr. "Little Anthony" Bruno (E.71) on being future brother-in-laws... Fr. "Tumbleweed" Zahralban (L.55) banned from future check nights in the mountains, for whining... Proby "Manute" Brett (L.55) tore up the B-ball league until... Fr. "Myrtle Beach Mauler" Sheridan (E.71) working his way through the roster to the heavyweight championship... Welcome back from winter hibernation, Fr. "Van Winkle" Calia (L.55)... Fr. "Jungle Jim" Donohue (L.55) getting hitched. Now he really knows about the ball and chain... Fr. "Mr. Happy" McKiernan (E.71) a more suitable replacement for John Brennan... Capt. "Crazy Legs" Kilkenny where are the tapes—vin man?... Capt. "Cagney" Olin looking for his spot on the team... Congrats on recent nuptials, Fr. "Ted" DiBiase and Fr. "Mumbles" Young (L.55)... Fr. Muxie (E.68) and Fr. Morrissey (L.49), good luck on retirement, you will be missed... E.68 welcomes Proby Cimillo... Welcome to L.49, Lt. McCaffery and Fr. Baur and Oakley... Congrats to Fr. Travia and his wife,

Grace, on recent nuptials... Good luck on transfers, Firefighters Roemer, Klipp, and Tumulty... Capt. Kilduff's (E.92) definition of a network: It's a pyramid with no top... Fr. Hydo's cure for a holiday heart attack: Don't eat, drink, or work... Farewell to Edward Handibode. Good luck, God bless, we love you... Congrats to Fr. "Scarface" Daly, who won Rocky Balboa look-a-like contest... "Happy" Auer (L.41) finally sold the house... Kless is on a diet, no more O'Toole gruel... E.64 and L.47 congrats on new arrivals, a girl for Fr. Mueller and a boy for Fr. Burnett... Joe D., did you remember to put your paper in?... The feud continues between Capt. "Smoke-Free" Hagan and Lt. "Smokestack" Coyle. Will it ever end?... Good luck to Fr. Doddy on his move upstate. Will he ever get the snow out of his driveway?... Welcome to Firefighters "Mr. Happy" Ginley and "Barnyard" Barnych to E.50 and Proby "Knock With Your Elbows" Cool (L.19)... Lt. "Steve McQueen"



A baby girl, Mariah, on St. Pat's Day to Fr. Freyere and a boy, Keith Ryan, for the Northshields. . . . Attaboy and Mazeltov to Fr. Wasserman and all members of the FD hockey team on recent win over PD. . . . Fr. Blancato is main reason for the severe shortage of styrofoam cups. . . . Welcome to E.82, Fr. "I Can't Play Today, I Am Sick" Ramaizel, and off to L.4, "I Thought I Said Across the Floor" McLoughlin. . . . Fr. Reynolds still whining about the meal served at Hunter Mountain Ski Race: soup and a sandwich, only there was no bowl. . . . If anyone sees Peter Wolf, tell him that he is giving Lt. Wolf a bad name. . . . Where is Lt. Kavanagh getting all these padlocks?

7th Division

by Brian C. Smith (L.38)

Sherwood will be doing a mini-series on CNN about saving children and cramps. . . . Fr. "Maytag" Evola got engaged to a Whirlpool washing machine. . . . Fr. "Are We in Oz Yet?" Dooley is running for 4th-grade class president. . . . Thanks to Fr. Manning for running the company dance. Is it true your cigarette caused a problem on Level 2 a while later? . . . At E.72's Stork Club, a boy for Fr. McClennan, a girl for Fr. Vissichelli. . . . Good luck to Fr. Dugan on his transfer to L.31. . . . E.72 welcomes aboard Lieutenants Kelly and Russo and Fr. "Any Day Now" McClennan. . . . Fr. Liso—"What watch do I have?" . . . Congrats to Fr. Martini on getting the seat. . . . E.73 and L.42 congratulate Firefighters Annicelli and Scott on their promotion to fire marshal. . . . Best wishes on retirement to Fr. Mike Covitt (E.73). . . . Nice job by Fr. Dempsey on a great plaque party for E.46 and L.27. M.C. "Hammer" Fennell did a good job on a long list of firefighters. It was good to see all the old faces. . . .

Welcome to Woodlawn from L.39 to Firefighters "Cheap Meal" O'Brien, Martin, Gruetzner, "Negative Vibes" Flaherty, Shizewski, and Proby "The Buff" Winthrop. . . . Spot was in step at the St. Paddy's Day parade. It was a grand day for all, including the dog, who was blessed by Cardinal O'Connor. . . . L.39 is a real democracy now that they have a weekly vote. . . . Will all members shovel the apron a little better so Mario approves. . . . Congrats to Lt. John Halpin (E.75) on the birth of his baby girl. . . . Capt. Jerry Hawe (E.75), "Where are you?" . . . Fr. Cliff DiMurio (L.33) is looking for a summer vacation split. (Note: Cliff, see Pat Connolly [L.38], who always has a summer vacation. . . . Happy 50th birthday to Fr. Wayne "Aye" Haloran (E.75)—"half a century." . . . Good luck to Fr. Richard Kirrstetter (L.33, ret.) on Jerome Avenue newsletter citation. . . .



PHOTO ABOVE

At halftime of the Fun City Bowl XXI at St. John's University stadium, the score was Cops 21, Fire 0. But the second half of this April 27 football game belonged to the FDNY, which clinched it 22-21. Linebacker Fr. Don Suhr (E.216) carried away the trophy. Too bad it's so tiny! Photo by Fr. Jim Romeiko

Lt. "Dutch" Baaden and Fr. Dom "Cheech" Muro (E.97), congrats on your 30 years. . . . Good luck to Fr. Bob "I Got a House" Piser from E.97. . . . Fr. "Invisible Man" Torrellas (E.97) MIA. . . . E.97's basement echoing sounds of ghostly squeeze box. Fr. Stevie "Wonder" Radich seen floating up stairs. . . . Joe "Toco" Ruis (E.97)—Is he good, bad, or ugly? . . . Fr. Mikey "Dangerous Curves" O'Shea (E.97) asks, "Does anyone have singles?" . . . Fr. Mike "Tuna" Verzi (E.97) seen glowing in the bunkroom. . . . Fr. Mel "Neck Bone" Smith (E.97) flim-flammed again. . . . E.88 welcomes Firefighters Kokasko and Scalard, enough already, we're running out of lockers. . . . Congrats to Fr. Bill Franklin and his troops who received the marching trophy at the St. Pat's parade. . . . E.81 and L.46 would like to welcome Fr. John Guy and Proby John Vaughn (L.46). . . . Good luck to Stan

"ABC" Andruczyn (E.81) as he tries his hand as battalion firefighter P.S. — Don't forget where you're from, Stan. . . . Speaking of where you're from, Fr. Morgan (E.81) tapped his boots together and said, "There's no place like Home." . . . Congrats to Fr. Rob Solesky (L.46) on his 15 (count 'em) Tony Bennett Awards. . . . "Mirror, Mirror, on the wall, who's the fattest jogger of them all?" Bill Clinton or Brian Smith. . . . A belated congrats to Fr. Orlando Davila (E.48) on the birth of a son, Orlando, Jr., and daughter, Katiria. . . . Congrats to Fr. Joe "I'm Not a Night Person" Hennelly (E.66) for setting a new, unchallengeable record for taking the first hydrant at the box. His mentor, Fr. Rich "Bumpers Are a Drag" Larkin (L.61), is now showing Joe how to be the first company on the box. . . . Welcome back to The Bronx, Lt. Frank "The Stirrer" Carraher (L.61), and also John "Built-In Smoke Detector" Gorgone, from L.32 to L.61. . . . Congrats to Bill Gallagher on his promo to B.C. . . . So long to Tom "Check His Pockets" Ubertini (E.66 to E.88) and Tom "32 = One" Day (L.61 to

Information and Fire Safety Education]. He, I am glad to inform you, is also a credit to you and us.

*For a safe city,
Gerald Clarke
Manhattan*

A SENSE OF COMMUNITY PARTICIPATION

Last evening, I detected a strong odor of gasoline coming from my basement. I went to investigate and discovered the odor coming from the sewer pipe located in my rental house next door. I called 911 and explained my fear of the possibility of the fumes igniting.

Within minutes, Ladder Co. 80 and Engine Co. 157 were at my home. As usual, the firefighters who responded were courteous and efficient. They located the source of the odor. They then checked all other areas of my home. They helped me open windows and doors for ventilation and run water through all of my sinks. They assisted my neighbor in putting a temporary cap on the sewer pipe and went up the street to flush out the main sewer line to ensure the safety of my family, my tenant, and me.

I personally know the dedication and sense of community participation shown by the members of Ladder Co. 80 and Engine Co. 157. They go beyond their required duties to work with the people of Port Richmond. My thanks to them for their help.

*Sincerely,
Elizabeth Calandra
Third Vice
Chairperson
Community Board
No. 1
Port Richmond,
Staten Island*

L.17). . . Donnie "Flamenco Feet" Cloud (L.61) spells relief: A-W-A-I-T-I-N-G. . . Fr. Brian "Big Spender" Bonsignore (L.61) is thinking about getting another dog, much to the dismay of the Humane Society. . . New babies for Fr. Paul Samuldolski (E.66) and Fr. Steve "La Machine" McGee (E.66). . . A special fund is being set up by Fr. "Free at Last" Leddy and Fr. Fred "No MXT" Davis (L.61) to buy a pair of shoes, size toddler#3, for Fr. Lee "Too Tall" Maggio (E.66). . . Keep the letters coming and be safe.

8TH DIVISION

by Steve Monahan (L.78)

RAF tips their helmets to Lt. John Kubinski (E.166), 36 years. Best of luck on retirement. . . RAF puts out the welcome mat for Capt. Jim "The Barber" Heal (E.166), Sal "Bug-sie" Ventimiglia (E.166), John Troianello (E.166), Bill Perry (L.80), and Brunhilda. . . RAF says, "Nobody beats the Wiz." . . . Talk is Jerry Gallagher (E.166) has joined the frequent flyer plan. . . The Grounds Committee at Hillside extends special thanks to Santo Lisa (E.166). . . Good luck to Joe Giardiano (E.161) on his retirement. . . To Richie Quinn (L.81) and Frank Delio (L.81): Good luck in your new company. . . Congrats to the following members on their new-borns: Mark Matthes, a boy; Oscar Orenge, a girl; Lt. Marty Ford, a boy; Tom Gough, a girl; Joe Pisicolo, a boy; Bob Hartie, a girl; and Jim Dugan, a granddaughter. Doesn't anyone have TV at the Beach? . . . Farewell to John Lecce (E.161), Brooklyn-bound to E.202. . . Good luck to Fr. Chiarulli (E.156) on his retire-

ment. Come back and cook. . . Congrats to Fr. "Slummy" Babich (30 years) and Fr. "Punster" Dooley (20 years). . . Will E.156 have any more company meetings? If so, bring license plates and boxing gloves. . . E.160/R.5 wish farewell to Fr. Jerry Salzano, after 30 years of dedicated service. You will truly be missed. . . Is it true Jerry is taking the lead role in the movie "Willard"? . . . E.160/R.5 offer congrats to Lt. Bill Green and Firefighters Gus Tripoli, Jan Pistek, and John Strandberg on their 20 years. . . Welcome aboard at E.160 to Capt. Joe "App" Appingnani. . . E.160/R.5 are S.I. basketball champs—way to go, guys! . . . Congrats to Fr. Jack Tighe (R.5) for being selected S.I. Advance "Firefighter of the Month" (also Cook of the Year). . . Rich "Spider" Camiolo (E.160) is writing a book entitled *One Million Reasons Not to Do an MX*. The second book

THE WHEELS OF TIME

(Below) During World War II, only 10 pumpers were delivered to the FDNY—two for each borough. E.211 was one of the lucky companies, receiving this 1944 Mack 1,000-gpm pumper. It remained in service until 1959. (Right) These days—since April 22, to be exact—E.211 has a 1993 Seagrave 1,000-gpm pumper. This photo was taken the day the apparatus entered service. Photos by Jack Lerch



will be *I'm Available*. . . Congrats to Karen and Larry Jensen on their marriage. . . The N.Y. Yankees are looking for someone who looks good in stripes. Any suggestions? . . . Why is Fr. Joe "Nedochio" Rotunno's (E.158) blood pressure so high? 'Cause if he ain't getting white dots on his nails, he's getting green spots on his windshield. . . Is Fr. Mal "Keilbasa" Brancato (E.158) really transferring to Queens? Sure, he wants to be with his shoes. . . Welcome back from Hoboken, Fr. Tom "Big Bird" Keeley, Fr. Niel Miller, and Fr. Steve "Corn" Nichols, all from E.158. Sorry you lost your wallet, Tom. . . Thanks to all who participated in the Ralph Sartone memorial ceremony. A finer man will not be found. Rest peacefully, brother. . . Is Lt. Abe "Ya



PHOTO ABOVE

On Career Day, February 5, L.116 spent some quality time at P.S. 70 in Queens, explaining to the children the use of tools and equipment the company carries. In addition to giving a few lucky kids a "hit" on his mask, Fr. Kevin Tonkin told them what actions to take in case they're ever in a fire. Photo by Fr. John Strandberg

Know" Spector (E.158) still at 232 Harbor Road looking for a fire? Will Fr. Bob "Ixnay" Schleifer (E.158) ever tell him it's already out? ... Congrats to the Rotunno family on their new addition, Ashley Ann... Dan "Misses" Kenny's (E.157) "March Madness" was a great success. Another \$300 raised for the Burn Center... L.80 (a.k.a. LS Annex) welcomes Tom Downing, Dick Schultz, Steve Fenley, Andy Olsen, and Brian Malloy. Also Pete "I'm Expecting My First Litter" Patinells, Pete "Beetle-juice" Carroll, and Tom "Ali" Gainey... What captain in Cougar Country goes out with "blue-haired ladies"? ... Is the turnover in Cougar Country due to old age? ... E.157 welcomes John Connolly and Lt. Bob "3 Pt." Hemsworth... Congrats to Fr. John Gamboni (E.167) and Fr. Bob Rosenberg (E.167) on 20 years of dedicated service... Congrats, also, to Fr. Tom Cardillo (E.167) on new baby daughter... Welcome aboard to Fr. Kevin Reilly (L.87)... Fr. Jim Napuli (L.87) was acting as traffic cop at the Brookfield landfill bog fire... Welcome back to Fr. John Wyte (E.167) after three years of ML and LD... Fr. Herman Waldman (L.87) had a big 55th birthday bash at the Jersey shore. Happy birthday, Herman... Is

Lt. Tom "Dogie" Raney (E.164) planning another festive company party? ... Welcome back to Fr. Bob "The Penguin" Teryek (E.164) from his starring role in the "Batman" movie... Congrats to Fr. Frank "Mr. Pasta" Valenti (L.84) on his promotion to fire marshal... Happy retirement to Fr. Charley Rini (L.84)... Welcome aboard to Fr. John "Mr. Rogers" Rubino (E.164) and Firefighters Dillon, Weber, and Bradley to L.84... Just what do Fr. Joe "Louie Is My Friend" Piccininni (E.164) and Fr. Louie "Joe's a Great Guy" Imbriale (E.164) have in common? ... The Hot Corner would like to congratulate Capt. Bob "Bunty" McGrath on his promotion to B.C. Thank heaven you got the monkey off your back... Rumor has it that E.155/L.78 ousted E.157/L.80 from the basketball playoffs thanks to great games by Co-MVPs, timekeeper Tom McNamara and referee Jack Bloomquist... Pete Meurer (E.155) invented a new three-point shot (from foul lane line)... Thanks to the "Boring Brothers" for running a great golf outing.

The prizes were crossword puzzles for everyone... The Hot Corner wishes only the best to Fr. Jack "Mookie" Marshall (L.78) on his retirement. Jack, who is everyone going to pick on now that you're gone? ... Congrats to Fr. Bob Morris (L.79) on his marriage... Congrats also on their 20 years of service to Firefighters Mike Quintavalle and Archie Truscelli of L.78 and Lt. Joe "Joe Knows" Grzelak (E.155)... No matter what anyone says, Al "Razor Tongue" Carey was misquoted. He did not say it was "scary." He said it was "hairy." ... There seem to be a lot of changes at the Hot Corner. The "Freedom Fighters" and the "New Guys" are banding together and fighting the power of *The Clique*... Which lieutenant feels the same way as the ex-captain?: Primate Off My Scapula.

12th Division

by Paul McManus (L.114)

The officers and firefighters of The Castle, E.284, and L.149 would like to extend our deepest appreciation for your support and thoughtfulness at our time of sorrow. The tragic loss of our brother, Frank Milone (E.284), was felt throughout the Department. During our difficult time, we could not help but notice the tremendous show of support and comfort for us and the family. Your generosity and support will always be remembered.

14th Division

by Roger "Yummy" Huml (L.144)

Congrats to Lt. Clancy (E.274), a son and Fr. Don "Dear" Honey, a daughter... Good luck to John Hogan (E.274), trying out

at R.I... Todd Townsend (E.274) was traded back to E.304... Fr. Miccio (L.163) still opening his door to wayward firefighters... Where's Gambo?... Laskowski (L.163), a baby boy... Notice to "Nick the Cop": You are in arrears on house tax... Bob "The Bullet" Broome (E.295) CD-30'd and didn't straighten up the weight room... All hands in the 52 Bn. saddened by the loss of Sal "The Champ" Fenech (E.295, ret.) and Mrs. Thomas Colvin (L.144); may they rest in peace... Jim "Stitches" Cadigan (E.295) says, "The three most dangerous words in skiing are, 'Follow me, men!'" ... E.319 says that Kenny R. will never leave... Thanks to Jim Seney for E.319's first basketball team... Chuck Kotov and Chris Joyce (E.319) CD-30 to E.303 and E.283... Capt. Zisel (E.319) back from ML, hopes all his pain is behind him... Mike "Jack Says" Keller (E.316) completed his own obedience training, while Lt. Pete "A.C." Bianchini is looking for a casino purchase after the captain's exam... Paul "Trash Is Trash" Quinnonez (E.316) is sick and tired and isn't going to take it anymore... Lt. Bill "Scratch Golfer" Danielson (E.316) has honorable guest status at all golf outings... "Gilligan" Stark (E.312) starting marine security company... "Sparky" Varian

TTB CONTINUED FROM PAGE 32

QUICK RESPONSE FOR A DAMAGED PARAPET

At our last board meeting we had been discussing our brave firefighters at Ladder Co. 138 and Engine Co. 289 in Corona, who constantly make runs in our community.

On Christmas Eve of 1992—a very windy and cold day—one of our members who resides on Junction Boulevard called me on an urgent matter. The large, metal frame that borders the roof of her home had halfway lifted itself off the roof and was dangling in the wind. Her fear was that it would fly off onto a busy, commercial street where pedestrians and traffic along Junction Boulevard are always heavily congested and would cause a severe accident.

I called the fire prevention number, which immediately called our Ladder Co. 138 and Engine Co. 289. Capt. Edward Penna and Firefighters James McGowan, Kevin McEnery, James Fearon, and Peter Gunther of Ladder 138 quickly stopped pedestrian and vehicle traffic and removed the large metal frame from the roof. The resident, I, and others of our organization are so grateful for the safe and expedient way they handled the situation.

We have always been proud of our "Corona Tigers" and feel very lucky to have such fine firefighters in our community.

Sincerely,
Lucy Schilero
President
Coalition of United
Residents for a
Safer Community
Elmhurst, Queens

TTB CONTINUES ON PAGE 36



PHOTOS ABOVE

(Left) One hundred fifty motorcyclists gathered at the quarters of E.252 on a sunny Sunday last fall. The occasion was a charity fundraiser, sponsored by the FDNY Fireriders Club, in memory of Fr. Mike Wasko. A member of both E.252 and the Fireriders, Wasko died in July 1991. Photo by Fr. Thomas Blackus (Right) Pile-driving was one of the early steps this spring in construction of the George F. Mand Library and Learning Center. Endowed by the late deputy commissioner, the facility will be located behind the Division of Training's administration building. Photo by Fr. Jake Schiavone

(E.312) now making bulbs grow in his mouth... Lt. Bob "Grumpy" Schuman (E.312) wants Glenn "Fast Dude" Berube as his chauffeur... Why is "Short Pockets" Schlueck (E.312) worrying about extra milk in the coffee?... "Hot Pants" Pidgeon or B.C. John "Storytime" McDonald, which one of you is throwing the handball game?... Hey! Dennis Siry (E.289), where's Yummy's birdhouse?... Proby McAuliffe (L.152) just returned from Key West with Calvin Klein... "Whacky" Wacob (L.152) still planning trips, thanks to AARP... Kenny "Mongo" Ruffino (L.152) last seen crawling out of a Dempsey dumpster, but found no spare boat parts... Joe "I'll Get the Roof" Martorell (L.152) is tired of complaints from tenants in the basement... ● Out of 33 companies in the 52 Bn., I've received letters of info for this column from 6; great going, folks!... Dick "McEvoy Taught Me" Hammel (E.295) says, "If

opportunity doesn't knock, build a door."... Welcome aboard, Ken "Mr. Breezy Point" Hogan (L.144)... Fr. Tom "Don't Call Me Sampson Anymore" Westhall (L.144) looks six years younger since recent shearing of his mane by Mrs. "Black Belt" Cecco (E.295) due to wager with Capt. Campbell (E.295), who can't go out in a windstorm due to weight loss... Fr. Mark "The Low Life" Delio (Apple Valley F.D., L.A. County) coming to New York to train Fr. Spampinato (L.144) in the proper tapping of kegs at all FDNY tailgate functions. Only if Spampy still owns a van... Yummy says, "Reflect upon your present blessings, of which everyone has many, not on your past misfortunes, of which all have some."... Until that time, sleep warm.

15th Division

by Ira Trow (E.290)

Stork visits E.280/L.132: Firefighters Fee, O'Toole, McMemmon, and Csorny; congrats... E.283/Div.15 welcome Firefighters Chris Joyce, Ed DiSanza, and Bill Bonasera... New members to E.283 Stork Club: Firefighters Brendan Behan and Jonathan McGibbon... E.283/Div.15 bid farewell to D.C. Jim Ward and the staff of Chief Corcoran and the Brooklyn East Fire Command... Div.15 regrets the passing of B.C. Robert Farnworth (Bn.37)... Good luck to E.310/L.174 future captains Frank, Kramer, Allies, McShea, Maloney, and Reilly. Let's get the paperwork done!... Jacoby & Meyers to open shop at Snyder Island with all the new marriages on the way!... Congrats to Capt. "Smooth" Beehler (L.174)—20 years and 20 to go... Company trip to the vault! Contact Tommy Richies (L.147)... Congrats to Fr. Kevin

White (L.147) on recent wedding... CARFA could be a contender... E.281/L.147 welcome Capt. Miuccio, Lt. Gray, and Firefighters Jim Kelly, Chris "Woody" Deszcz, Billy Collins, Kenny "The Claw" Klipp, George Foris, Dan McCarthy, and Rich Brown... Congrats to Fr. Robert Pav on his transfer to L.111 from E.214... All the best to Lt. Mike Sorrentino (E.214) on the arrival of a new baby... Hi! I'm Don Flore, and I'm not just the president... Congrats to the counselor—Alvin T. Morehead—on the opening of his new practice... Congrats to Bradford Street Hoops—losing in "C" Division finals in first year... Fr. Tony "Bunker" Srouer (E.250) now doing TV ads for Michelin tires... Will someone please buy "Moody" Goops' (E.250) house... Mutual marriage on the rocks between "Mopey" McGee and "Toast" Jackson, both of E.250... E.225/L.107/Bn.39 wish the best of luck and health to Lt. Richie Gillen on his retirement. He will be missed by all... Congrats to E.225/L.107 softball team on becoming the Brooklyn borough champs!... Congrats also to Fr. Ron "What Company Am I In?" Curaba for turning 4th grade again... Way to go E.●—Eddie O'Neil (L.107) got the Golden Staple Gun Award for his dedication at those wonderful salvage jobs... Fr. "Coo Coo" Collis (E.225) can stop crying now that his name has finally been mentioned after 13 years... Lt. Al, call E.252... Good luck to Fr. Anthony "Antee" Rocco on his recent transfer to retirement... Congrats are in order for Fr. Jim "Dead Eye" Cavanagh on new baby daughter... Congrats to Fr. Jack "The Hammer" Ginley (E.233) on the birth of his new daughter and to Fr. Paul Pfund-



THANKS, AND GOOD LUCK!

WNYF says goodbye to Capt. **Bill Cantley**, erstwhile technical editor. With timing on his side, Capt. Cantley took command of E.262 in Rockaway just weeks before the summer solstice. His humor and even temperament were an important part of the Publications Control Unit for the last three years. He had previously served in several units at the Division of Training, for a total of eight years at the Rock. We wish him the best at the beach.

You lose one to Rockaway, and you win one. Taking up the major part of Capt. Cantley's duties, at least temporarily, is B.C. **Seamus McNeela** of Battalion 47. We wish Chief McNeela a speedy return to

complete health, but hope that doesn't mean we'll be losing his thorough and insightful technical editing as quickly.

Honorary Asst. Chief **Jack Lerch** has taken over much of the paperwork and processing of the All Hands section. He also helps keep our photo files in order. We're indebted to him for his ongoing help.

Thanks also go to Fr. **Mike Donovan** (L.111) for having lent us his artistic talent during a short-term detail, and to Lieutenants **Jimmy Curran** and **Bill "Woody" Woods**, who have passed the DOT All Hands to Lt. **Bill O'Kane**.

Any members who'd like to exercise their technical knowledge or their artistic skills in a day job, give us a call!

Dispatch Operations is deeply saddened by the sudden death of Bronx senior FAD **Ken Turner**. Our condolences to his wife and family. . . . Condolences also to FADs **Bob Raft** (Bnx.), **Pat Hanna** (Manh.), **Norm Nelson** (S.I.), **Sheila Randle** (Manh.), **Carmine Farrante** (S.I.), and **Bill Prött** (Hq.) and SFAD **Mike Weber** (Qns.) on their recent losses. . . . A hearty welcome back to Chief of Dispatch Operations **Patsy "Magic" Maggio**, SFAD **Bob "The Snake" Robinson**, and FADs **Phil Mitchell** (Bnx.), **Ruth Dye**, **Charles Musaus**, **Connie Ruiz** (all of Manh.), **Norm Nelsen** (S.I.), and **Willa Miller** (Bklyn.). "On the move": SFAD **Rick Otto** to Staten Island, FAD **Fred "Leavity" Leavitt** to Brooklyn, and PFAD **Steve "Back Again" Scher** to Manhattan. We wish them the best of luck in their new assignments. . . . Good luck and best of health to retirees **George "Moose" Birne**, Manhattan Cable Foreman **Roy Penna**, and the senior FAD, **Don "Gentleman" Broderick**, each with 30-plus years of dedicated service. Each will be missed. Don was a true gentleman and a great dispatcher. . . . Additions to the grandfather crowd include **John "Yogi the Bear" Pedalino** and **John "Donuts" Donovan**. . . . It must be noted that the World Trade Center multi-alarm explosion and fire was handled expertly by all Manhattan dispatch personnel, most notably Manhattan Chief Dispatcher **John "Get Me a Slice" Porcelli**, Queens Chief Dispatcher **Joseph "The Flash" Higgins**, and Manhattan SFAD **Mike "Bigfoot" Fox**. A job well done!

stein (E.233), the father of a baby boy. . . . E.233/L.176 welcome Probies **Mike Travers** and **Mike Viglietta** to L.176. . . . Congrats to Fr. **John "Waterboy" Fowler** (L.176) on the birth of his new son. . . . Thanks to *Super-Firefighter* **Rick Werner** (E.233), everything is working again! . . . Question: What do Firefighters **Matty James** (L.170) and **Bob Ojeda** have in common? . . . Has anyone found Fr. **Mike "Frankensully" Sullivan's** false teeth yet? . . . E.257/L.170 welcome Fr. **Jerry "Flintstone" Amitrano** and Proby **Mike Ryan**. . . . Did anyone notice Lt. **McCarren's** (L.170) new smile since the captain's test. . . . E.257/L.170 had a great time at the Ranger game; if only the ushers would leave us alone! . . . E.234/L.123 would like to welcome Firefighters **Paul "You Ain't My Brother" Washington**, **Kevin Stress**, **Mike Butt**, and **Mike Dunn** to the house. . . . After 30 years on the job, you

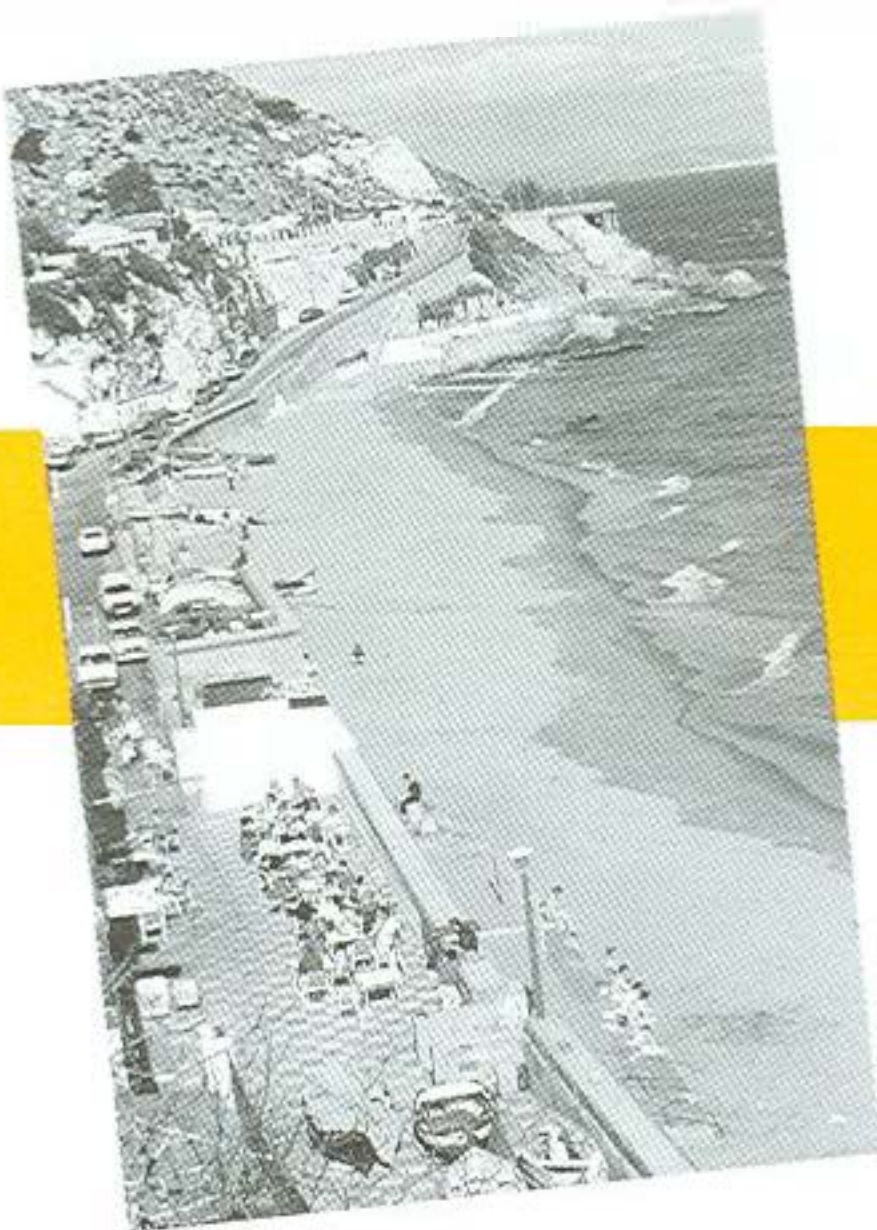
would think Fr. **Andy "I'll Get the Door" Thorne** (Bn.38) would know how to close the apparatus doors! . . . **Occhi** to **Benny**: Nice job on the 2 1/2. . . . E.248/Bn.41 welcome Firefighters **Kevin "I've Got to Lose 20 Pounds" Kefer**, **Bob "I Want the Nozzle" Farrell**, **Danny "I'm Ready for Anything" Walsh**, and Probies **Larry Prather**, **Tom Morgan**, and **Petey Frank**, and say good luck to Firefighters **Frank "The Nucleus" Thurlow** and **John "You Talking to Me" Zaccaria** to L.113 and **Hollywood "No One Calls Me Robert" Mooney** (E.231). . . . Congrats to Fr. **Tom "I'll Do the Kitchen" Mitchell** (E.248) on a new baby girl and Lt. **Travers** on his new baby boy. . . . Good luck to Fr. **Tom Bradley** (E.248) on his move to L.84. . . . Congrats to Lt. **Kevin Schamberger** (E.290) and

Fr. **Gary Hoehing** (L.103), both blessed with new babies. . . . All the best to Fr. **Ron "Big Daddy" DeAngelis** (E.290) on his transfer to E.225 and Fr. **Bill Thompson** (E.290) to L.103. . . . Congrats to Firefighters **Dom Carino** and **Duane Wood** of E.290 and **Vin Giammona** (L.103) on their recent nuptials. . . . In closing, to all new members assigned within the 15th Division, welcome; and to those who left, good luck and be safe.

COMMUNICATIONS

by Gary Greenbaum

Rumor has it that a certain Staten Island dispatcher, attempting to roll Marine Co. 9 to a Brooklyn boat box via voice alarm, had to go "over all" to see if Marine 9 was in any other quarters for the assignment. . . .



TTB CONTINUED FROM PAGE 34

WARM, METHODOLOGICAL APPROACH

It is with great satisfaction that I write to you regarding Fire Marshals Jack Milne and Robert McLaughlin.

An incident occurred in our building in early December which necessitated my contacting the FDNY's Arson Hot Line [(718) 403-1300]. The two fire marshals mentioned above responded immediately and began investigating.

I can't compliment enough the manner with which they approached and conducted a highly professional and thorough investigation. Dealing with teenage youths can sometimes be very difficult; however, their warm, methodical approach resulted in total cooperation of witnesses and, more recently, a series of felony indictments by the grand jury against the perpetrator.

Having had little prior experience with fire marshals, I was very impressed by the team's tenacity to bring this case to a conclusion. The safety of children and of adult personnel is the highest priority for a principal, and I truly feel more comfortable knowing that members like Fire Marshals Milne and McLaughlin are part of our city's Fire Department.

Our city is well served by these two fine public servants, and the hundreds of others in your agency who risk their lives on a daily basis for the wellbeing of the people of the City of New York.

Sincerely,
W.K. Sakowski
Principal
James T. Stranahan
J.H.S. 142
Henry Street
Brooklyn

AUXILIARIES

by Edmund Donovan

Condolences to Aux. Lt. Michael Krempasky on the recent loss of his mother, Josephine. Be assured of our thoughts and prayers. . . . Congratulations to Aux. Fr. Charles Hager, who was appointed a fire alarm dispatcher (No. 341 in The Bronx). . . . Congratulations to Aux. Capt. Peter Horwitz, who just completed 25 years in the Auxiliary. . . . Aux. Fr. John Reade is a recent graduate of NYC's EMS Academy. He's being assigned as an EMTD at 46 Station in Elmhurst. Best of luck, John.

THE SHOPS

by John Kay

Who's on first? What's on second? No, no, let's get it straight. Chief Hughes is now deputy assistant chief of operations and Chief Harkin, formerly of the 1st Division, is chief in charge of fleet maintenance. Tom Curti is T/A, Mike "The Hook" Felice is assistant T/A, and Fred "Wolfgang" Schagel is the supervisor of the emergency crew mechanics. Robert "The Bush" Bendon is Fred's assistant. Rocco Tinebra is the vehicle tester and Andy Diamond's supervisor of the new parts emporium. John Kay is the supervisor of the pumper department. Nicolo Ciampo is working in private industry and Per Hansen was assigned to the Marine Division. Best wishes and good luck to all. . . . Congrats to Tony "The Meatball" Lombardi, emergency crew mechanic, on the marriage of his only daughter, Tiziana, to a nice Italian boy on April 22, 1993.

Best of everything to the newlyweds. . . . Just thought you would like to know that the guy training you on the new Seagrave pumpers is mechanic George Hicks of the pumper department. . . . Congrats to Pat "Black Cloud" Murphy, emergency crew mechanic, on the birth of his first baby boy. Also to Mike Dickie, rubber tire repairer, on his first son. . . . Congrats to Supervising Supervisor Tom Curti on being recipient of the Hon. Asst. Chief Jack Lerch Medal this year. Supervisor Jim Munro was the recipient in 1992.

RETIRED MEMBERS

by Frank Cull

THE 1993 DIRECTORY OF FDNY RETIREE ORGANIZATIONS: "STILL THE BRAVEST"

Grand Council of FDNY Retiree Organizations

John J. Corcoran, President
953-B Aberdeen Drive
Lakewood, NJ 08701

NEW YORK

Retired Men's Assn., FDNY
James R. King
352 Harborview Drive
Center Island, NY 11771

Veteran Firefighters Assn., FDNY
John O'Shea
41-40 39th Place
Long Island City, NY 11104

All Hands—Staten Island
John Sollazzo
40 Holden Blvd.
Staten Island, NY 10314

Staten Island Assn. of Retired Firefighters
Carlo Anderson
76 Hunton St.
Staten Island, NY 10314

Nassau County Assn. of Retired Firefighters
James Belmonte
134 Brenner Ave.
Bethpage, NY 11714

PHOTOS ABOVE

Now these are the kind of photos we expect you all to send in after your summer vacations! Retired member Clifford Goldstein, who's active in The American Small Craft Association (TASCA), wanted to point out how much fun sailing can be. So he sent us these photos of one of his jaunts from a few years back. Left to right, they show the beach at Gibraltar; Goldstein (in the rear) and a shipmate enjoying a camel ride in the Canary Islands; the same traveling companion with Sally Schroeder, owner-captain of the sailboat on which they traveled, with the Rock of Gibraltar in the background; and another friend on stage at Rick's Bar in Casablanca. TASCA can start novices on their voyage, in the tamer waters of the lake in Flushing Meadow Park in Queens. Although the American Red Cross-approved classes for this summer are already past, you can get information to plan ahead for next year by calling Goldstein at (718) 898-4371.

Suffolk County Assn. of Retired Firefighters
Vincent Forrester
P.O. Box 322
Centereach, NY 11720

Peconic, L.I., Division
Thomas Keller
1300 Broadwaters Rd.,
Nassau Pt.
Cutchogue, NY 11935

Orange County Assn. of Retired Firefighters
Kenneth Nagle
40 Kurpick Rd.
Port Jervis, NY 12771

Florian Assn. FDNY
Anthony Apuzzo
11 Vermont Ave.
Congers, NY 10920

Westchester-Putnam County Assn. of Retired Firefighters
James Hosford
RD #8, Box 374-A
Mahopac, NY 10541



PENNSYLVANIA

**FDNY Retirees, Pennsylvania
Pocono Mts. Division**
Robert Groom
111 West George St.
Milford, PA 18337

THE CAROLINAS

**FDNY Retirees—North and
South Carolina
“The Dixie Division”**
Jerry Staats
P.O. Box 29081
Charlotte, NC 28229

FLORIDA

**FDNY Retirees—Florida
Broward County Division**
Bill Messina
10340 S.W. 53rd St.
Cooper City, FL 33328

Palm Beach County Division
Dave McDonald
8530 White Egret Way
Lake Worth, FL 33467

Treasure Coast Division
Al Smith
1425 14th Court
Vero Beach, FL 32961

Brevard County Division
Edward Ahearn
1250 Campo N.W.
Palm Bay, FL 32907

Gene O’Kane Division
James Cersosimo
4032 Marine Parkway
New Port Richey, FL 34652

Southwest Florida Division
John Columbia
P.O. Box 4190
Port Charlotte, FL 33949

Orlando Division
Mike Turner
6328 Piney Glen Lane
Orlando, FL 32819

NEVADA

Las Vegas Division
Ralph Garganese
1709 Stonybrook Drive
Las Vegas, NV 89108

ARIZONA

**FDNY Retirees—Arizona
Phoenix Division**
William Maher
6552 E. Fairfield St.
Mesa, AZ 85205

Tucson Division
Robert Bohl
3411 South Camino Seco., #499
Tucson, AZ 85730

Scottsdale Division
Thomas Harley
5101 East Bloomfield Rd.
Scottsdale, AZ 85254

Sun City Division
Jerry Maliva
9722 Willowbrook
Sun City, AZ 85373

CALIFORNIA

**FDNY Retirees—California
San Diego Division**
Dan Noonan
4868 Tinasa Way
San Diego, C. A 92124

HAWAII

**FDNY Retirees—Hawaii
Rainbow Division**
Francis Roddin
441 Kaneapolei St.
Honolulu, HI 96815

TAKING UP

Terminal Leaves and Retirements Department Order 16,
February 10, 1993, to Department Order 60, May 20, 1993

CHIEF OFFICERS

Charles A. Bishop Bott. 11
Edward C. Cloncy Div. 13
John B. Fousone Bott. 32
George J. Mickel, Jr. Bott. 22
John D. Moro Div. 14
John D. Schneider Bott. 17
Arthur F. Sullivan Bott. 57
James J. Word (2) Div. 15
Henry Zuercher Bott. 58

CAPTAINS

Rolph S. Andoloro Eng. 287
Richard M. Carden Eng. 308
Michael Deddo Div. 12
John J. Doherty (2) Eng. 246
Edward F. Hondibode Lad. 164
James P. Hort Eng. 299
Gerard E. Hefferman Eng. 268
Michael A. Mohan Div. 13
Thomas J. Owens Lad. 54
Robert S. Wolyniec Eng. 40

LIEUTENANTS

James J. Connelly (2) Eng. 39
Raymond A. Dierking Eng. 236
Joseph R. Franco Lad. 161
Romon C. Garibaldi Eng. 162
John J. Kubinski Eng. 166
Vincent L. Lippe Lad. 128
Rosario A. Morruso Lad. 76
Michael A. Masiello Lad. 56
Patrick H. McDermott Eng. 297
William J. Rottkamp Lad. 142
Frederick Schworzrock Bott. 23
Joseph A. Sepkowski Eng. 64
Christopher P. Shelton Lad. 124
Richard Webb Lad. 121
Patrick Welsh Lad. 29

FIREFIGHTERS

Leslie Allen Eng. 10
Wayne Bouer Lad. 131
Stephen C. Brown Eng. 290
Thomas W. Cofone Eng. 313
Peter G. Casale Eng. 154
Richard W. Chapmon Lad. 117
Nicholas M. Cianciotto Lad. 77
Jock Claudio Eng. 61
Thomas F. Colemon Eng. 54
August P. Consalvo Lad. 153
Michael A. Covitt Eng. 73
Frank A. D’Introno Eng. 36
Rodney A. DeCuffo Bott. 20
Joseph A. Derorio Lad. 47
Frank Droughn, Jr. Lad. 79
Ronald M. Early Eng. 42
John P. Evangelista Eng. 262
Robert J. Franco Lad. 168
James P. Gallagher Eng. 82
Joseph S. Giardino Eng. 161
Richard W. Goslin Res. 4
Robert H. Gunther Lad. 39
James F. Healy Eng. 265
Robert W. Hendrickson Eng. 26
Henry E. Hermann Eng. 157
Richard A. Hernandez Eng. 299

Raymond J. Hine Lad. 2
Richard A. Hodgins Mor. 9
Frank J. Incontolupo Eng. 329
Dennis E. Kirby Eng. 313
George P. Kowsh Res. 2
Pasquale J. Moiello Mor. 6
James J. Martin (3) Eng. 273
Michael J. Martorano Lad. 122
Patrick J. Masterson Lad. 51
Mark S. Motulis Lad. 138
William J. McLoughlin (2) .. Lad. 132
Peter T. McNaughton Lad. 150
Thomas D. Meaney Eng. 21
Daniel Medino Eng. 91
William P. Moore Bott. 9
Rocco J. Moretto Eng. 155
John W. Murray Eng. 302
Michael Muxie, Jr. Eng. 68
Thomas C. Myette Lad. 134
William A. Niemeier Eng. 299
Michael Possondo Lad. 116
Theodore J. Penfield Eng. 7
Richard E. Pica Eng. 306
Benjamin Pietri Eng. 323
George M. Poventud Lad. 162
John Povolny Eng. 23
Joseph J. Prizzi Eng. 265
William P. Purcell Eng. 95
Thomas P. Quinn Lad. 138
Thomas A. Rey Eng. 291
Sylvesto C. Riddick Lad. 13
Charles F. Rini Lad. 84
Kevin D. Ryon Lad. 80
Gerald M. Salzano Eng. 160
Francis A. Schepperle Lad. 47
Leonard Scudero Eng. 314
Allen Seltzer Lad. 159
James M. Spencer Eng. 328
William P. Stewart Lad. 26
Joseph Torofo, Jr. Mor. 9
John J. Towey Eng. 245
Charles F. Wilson Eng. 258

SUPERVISING FIRE MARSHALS

William A. Maxwell BFI
John G. Ploneto BFI

FIRE MARSHALS

N. Robert Foggie BFI
George C. Kollimonis BFI
Ross M. Kosminoff BFI
Charles H. McDonald BFI
Theodore R. Scott (3) BFI
Joseph M. Sullivan BFI
Edward J. Wozeter BFI
Edward Williams BFI

CHIEF MARINE ENGINEER

Michael P. Ambrosini Mor. Div.

MARINE ENGINEER

John J. Beoghen Mor. 1

CORRECTIONS TO 1st/93

1. The photo at the top left-hand corner of the Photo Reporter, a view of apparatus in the street at the World Trade Center, was incorrectly credited. It’s from a videotape taken by Fr. Joe McGee.

2. The name in another Photo Reporter credit is incorrectly spelled. The shot of Ladder 105 at Brooklyn box 341 was taken by Thomas Ferreri.

3. The make of Ladder 44’s 1940-vintage apparatus, shown on page 33, was Ahrens-Fox.

IN MEMORIAM

RANK: NAME: UNIT: APPOINTED: RETIRED: DECEASED: RANK: NAME: UNIT: APPOINTED: RETIRED: DECEASED:

APPOINTED 1920-1929

BC . . . DENIS B. SHEA Batt. 52 03/02/20 02/01/59 12/23/92

APPOINTED 1930-1939

Fr. LOUIS F. ABEL	LSS 1	07/01/37	09/16/57	01/17/93	Fr. EUGENE LENIHAN	Eng. 90	10/01/36	10/16/56	08/30/92
Fr. EDWARD J. BARBOUR, JR.	Res. 1	07/01/37	11/01/56	01/27/93	Fr. WALTER T. LOEHMANN	LSS	04/01/39	07/01/60	02/01/93
Lt. BERNARD BERGER	Eng. 40	01/01/39	01/02/69	02/08/93	Lt. JOHN P. MANFREDI	D.O.F.P.	03/01/38	03/01/73	01/11/93
Fr. WILLIAM F. BERNIUS	Lad. 122	10/16/34	10/01/56	01/04/93	Fr. PETER P. MEEHAN	Lad. 83	01/01/38	02/20/59	01/28/93
Fr. CLIFFORD W. BUCKLEY	Mor. Div.	12/17/37	01/08/60	11/21/92	Fr. JOHN B. MURPHY (1)	DO 6	01/01/39	10/02/60	01/27/93
Fr. DANIEL W. COHEN	Eng. 80	01/01/38	01/18/60	01/07/93	Fr. FRANK NIEMIEC	Lad. 111	01/01/37	02/01/57	01/01/93
Fr. MORRIS COHEN	LSS 1	08/01/38	08/01/55	02/14/93	Lt. FRANK J. NOVOTNY, JR.	LSS 1	01/01/38	01/02/73	01/13/93
Lt. WILLIAM J. CONLIN	LSS DO 15	04/01/39	04/16/57	02/20/93	Capt. FRANK J. PRESTON	Eng. 35	06/01/38	09/10/63	12/18/92
Fr. JOHN F. CONNELL	Eng. 251	07/01/39	07/07/59	01/29/93	Fr. JAMES C. M. QUIGLEY	Eng. 277	03/01/38	04/01/46	02/17/93
Fr. JOHN W. CREIGHTON	Eng. 313	08/01/38	10/01/58	02/17/93	Capt. CHARLES H. REHWINKEL	Lad. 21	12/17/37	01/02/73	01/23/93
Fr. JOHN S.J. CROWLEY	LSS 1	05/01/37	07/07/58	03/01/93	Fr. VICTOR F. ROSSI	Lad. 120	07/01/37	07/16/55	01/13/93
Fr. CHARLES DOLGIN	Eng. 31	05/01/37	05/03/57	12/19/92	Fr. PAUL G. SCHMIDT	Lad. 107	03/01/37	01/03/58	12/24/92
Lt. CHARLES C. DUNN, JR.	Lad. 156	01/01/38	09/03/61	01/21/93	Lt. EDWARD R. SCHRECKENBERGER	Batt. 41	12/17/37	01/19/60	12/20/92
Fr. BERNARD J. EBERLE	Eng. 15	07/01/39	07/02/74	02/15/93	Fr. WILLIAM C. SCHWARTZ	Eng. 157	04/01/39	12/21/62	12/24/92
Fr. PHILIP FELCHER	Eng. 297	01/01/39	04/07/59	02/05/93	Lt. FRANKLIN P. SCREDER	D.O.T.	01/01/39	03/01/66	01/07/93
Fr. THOMAS W. FITZPATRICK	Eng. 275	09/01/37	10/09/63	01/18/93	BC JOHN J. SHIELDS	Batt. 5	01/01/38	08/17/71	03/02/93
Fr. JOHN P. GLUCK	LSS 1	08/01/38	01/02/71	01/02/93	Lt. FREDERICK ST. CLAIR CAVE	Lad. 151	12/17/37	07/17/61	12/31/92
Fr. LOUIS KLEIN	LSS 1	09/01/39	09/01/50	01/04/93	Fr. VINCENT SULLIVAN	Eng. 323	05/09/38	07/04/58	02/01/93
Lt. ROBERT F. KUVEKE	Eng. 264	11/01/38	01/03/66	02/22/93	Fr. RAYMOND A. UTTING	SL 22	09/01/39	02/08/67	12/12/92
Fr. FRANK H. LANKFORD, JR.	Eng. 163	07/01/37	10/07/58	02/21/93	Fr. ALEXANDER WOLSKY	Eng. 256	12/17/37	04/12/58	01/20/93

APPOINTED 1940-1949

Capt. JOHN J. DENNING	Eng. 64	09/16/42	09/17/80	01/16/93	Fr. WILLIAM T. KILKA	LSS Batt. 18	02/01/43	11/09/64	01/26/93
Fr. WILLIAM J. GRADY, JR.	LSS 1	07/01/46	09/01/56	12/19/92	Fr. WALTER J. KRAMER	LSS MD	10/01/49	06/30/76	01/09/93
Fr. JAMES J. HARVEY	Eng. 260	09/16/42	08/28/75	02/07/93	Fr. LEON MAJESKI	Eng. 34	03/01/48	04/06/72	01/10/93
Fr. WILLIAM J. HINCKLEY, JR.	LSS 1	06/19/44	07/16/55	11/17/92	Lt. FRANCIS J. MCGOVERN	Eng. 331	02/01/43	01/01/77	01/31/93
Fr. ARTHUR D. HOIMES	DO 15	07/16/47	06/04/68	12/21/92	Fr. DOMINIC A. MUSCARDIN	Med. Div.	10/01/49	07/03/75	02/03/93
Fr. THOMAS V. HUTTON	Eng. 158	02/01/43	01/31/76	01/22/93	AC WILLIAM F. SEIFRIED	B.O.P.A.	07/01/42	08/04/73	01/21/93
Fr. WILLIAM F. KELLIHER	OO 1	07/01/40	06/28/76	12/02/92	Lt. ARTHUR L. WILLIAMS	Eng. 97	09/16/42	08/28/76	12/24/92

APPOINTED 1950-1959

Capt. MANUEL J. CORRAR	Eng. 270	02/01/54	04/24/76	12/31/92	Lt. JOHN F. MILLIGAN	Lad. 46	01/01/53	06/28/76	03/01/93
Lt. PHILIP E. FARRELL	Eng. 60	06/01/59	03/27/82	01/27/93	Fr. DANIEL F. MURTHA, JR.	Lad. 36	11/01/55	04/08/78	02/01/93
Fr. GERARD V. GEORGES	Sup Pump U.	01/01/53	03/12/74	12/21/92	Lt. THEODORE R. NILSSON	Lad. 31	04/16/54	10/31/85	01/01/93
Fr. GUISTO N. GIOELI	LSS MD	07/16/54	08/04/88	12/21/92	Lt. JOSEPH S. PORUS	LSS O.Q.S.	02/01/54	04/11/69	12/27/92
Fr. PETER J. HARMON	LSS 1	06/16/53	11/12/63	01/19/93	Fr. EUGENE W. REAGAN	LSS B.F.C.	01/01/50	05/12/59	01/17/93
Capt. JOHN C. HORGAN	Lad. 115	04/16/57	01/01/77	02/13/93	Fr. EDWARD P. TIMMONS	Eng. 289	01/01/53	01/01/88	02/22/93
Fr. JOHN H. LUTZ	Eng. 274	10/10/59	01/05/82	01/16/93	Fr. ANKER TIERSIAND	D.O.T.	03/05/53	01/11/82	12/20/92

APPOINTED 1960-1969

Fr. CHARLES F. BEATA, JR.	Eng. 331	01/11/69	Active	02/05/93	Fr. JOSEPH F. MORAN	Lad. 174	11/29/69	01/01/77	12/27/92
SFM PATRICK J. FARRELL	8.F.I.	10/19/68	Active	01/28/93	Fr. ROBERT E. THWEATT	Lad. 28	02/20/60	02/21/80	12/16/92
Fr. LOUIS E. HAIRSTON, SR.	Lad. 166	03/30/60	08/22/83	01/03/93	Fr. CHARLES H. VILLEGAS	Eng. 36	06/01/68	Active	01/13/93
Lt. JOSEPH L. HOLTZMAN	Eng. 278	07/16/47	06/16/68	01/10/93	Fr. PASQUALE A. ZUMMO	Eng. 1	06/10/63	01/31/76	12/20/92
Capt. RONALD B. MEYERS	Lad. 147	03/14/64	02/01/92	02/26/93					

APPOINTED 1970-PRESENT

Fr. CHARLES G. BURNSIDE	Eng. 236	02/24/79	Active	02/28/93	Fr. JOHN M. DELLASALLA	Eng. 207	03/25/90	Active	01/28/93
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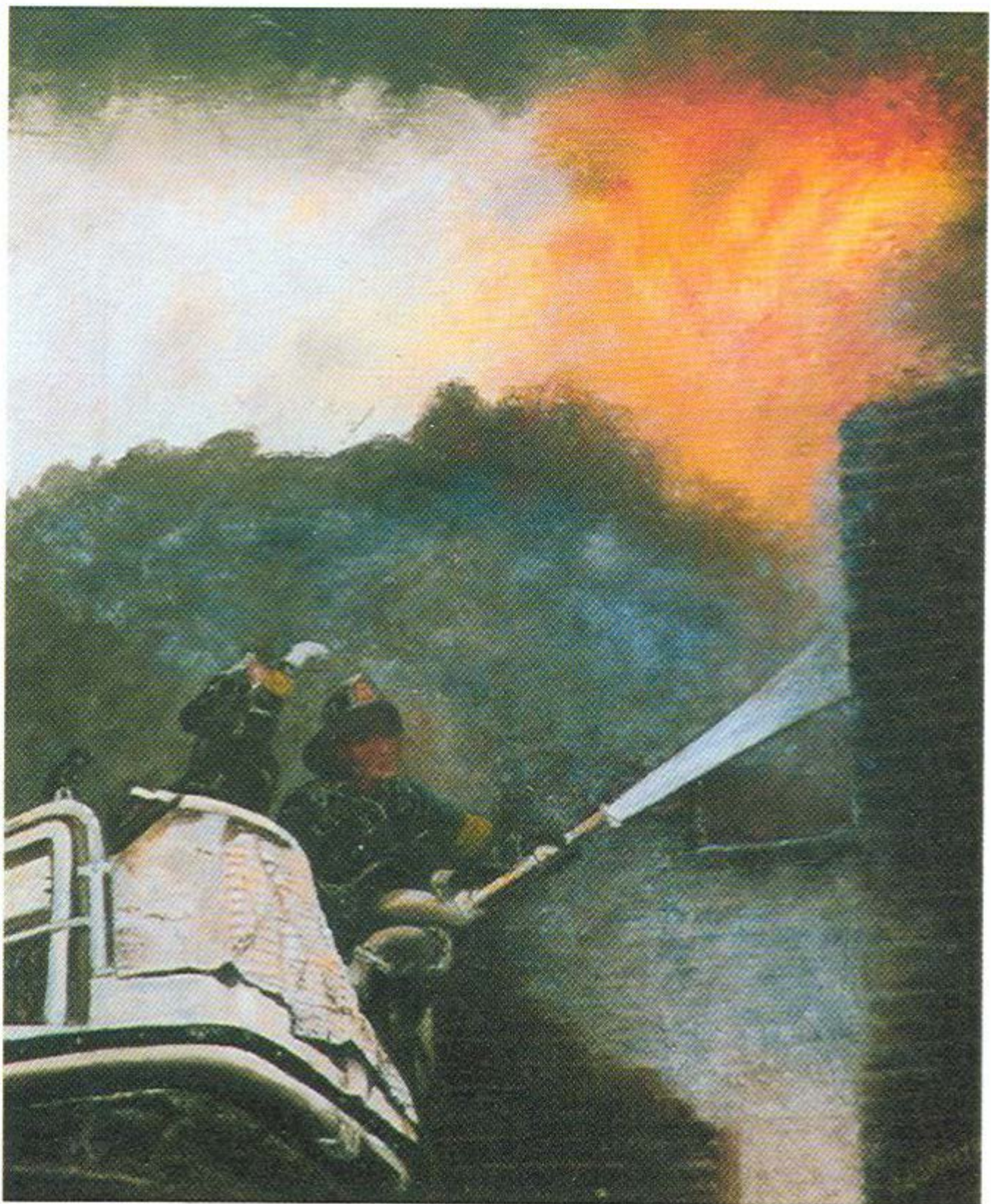


◀ **BKLYN. Box 1390**

This fire, at 1700 hours on February 9, was in an old cement factory at Coffey and Ferris streets. How do you burn cement? Photo by Fr. John Strandberg

▼ **Qns. Box 5046**

The eerie setting of a winter night was apparent at this second-alarm fire, 104-29 189th Street. The box for this blaze was transmitted at 0205 hours on February 2. Photo by Fr. John Strandberg

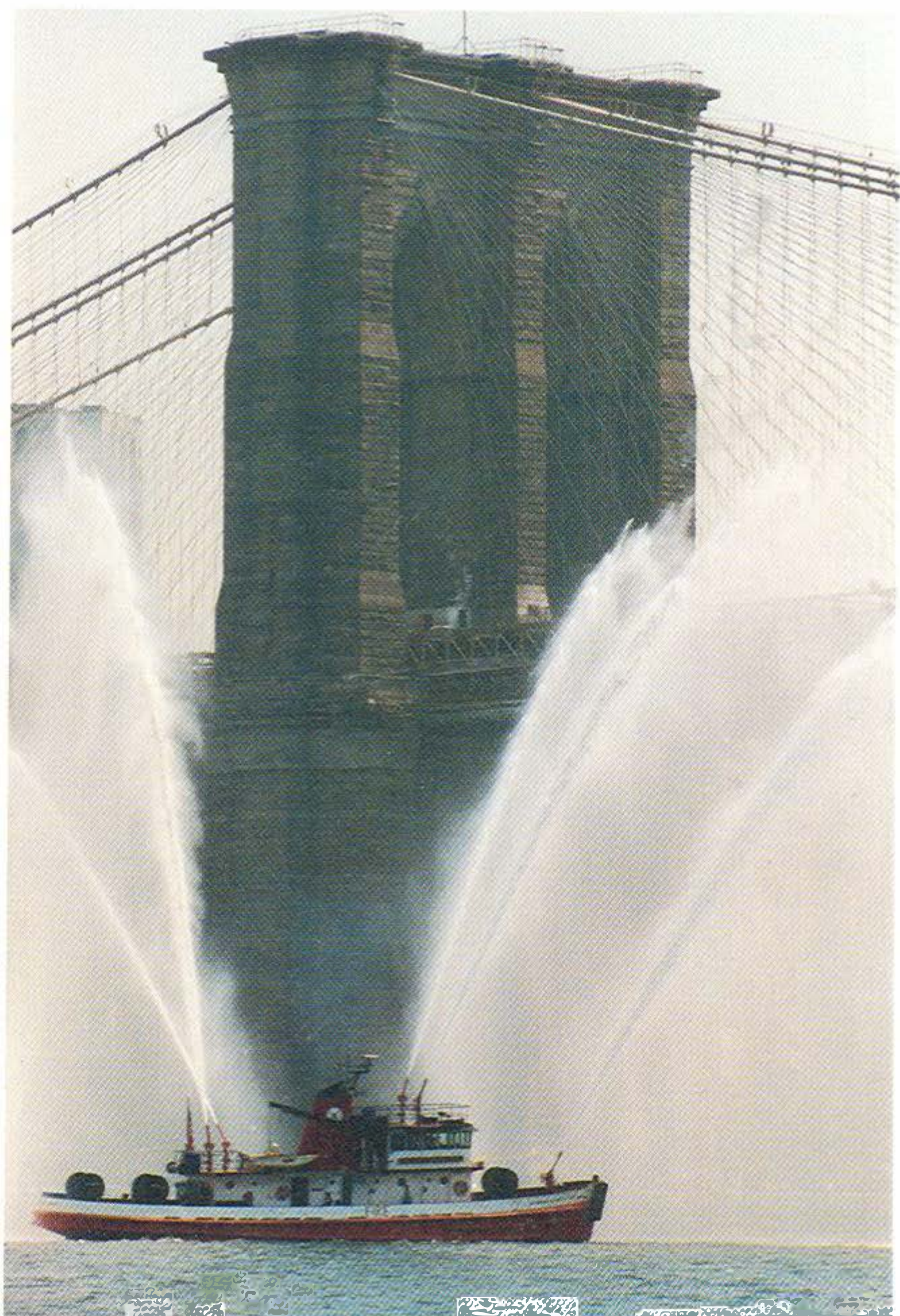


▲ **YEARS OF MEMORIES**

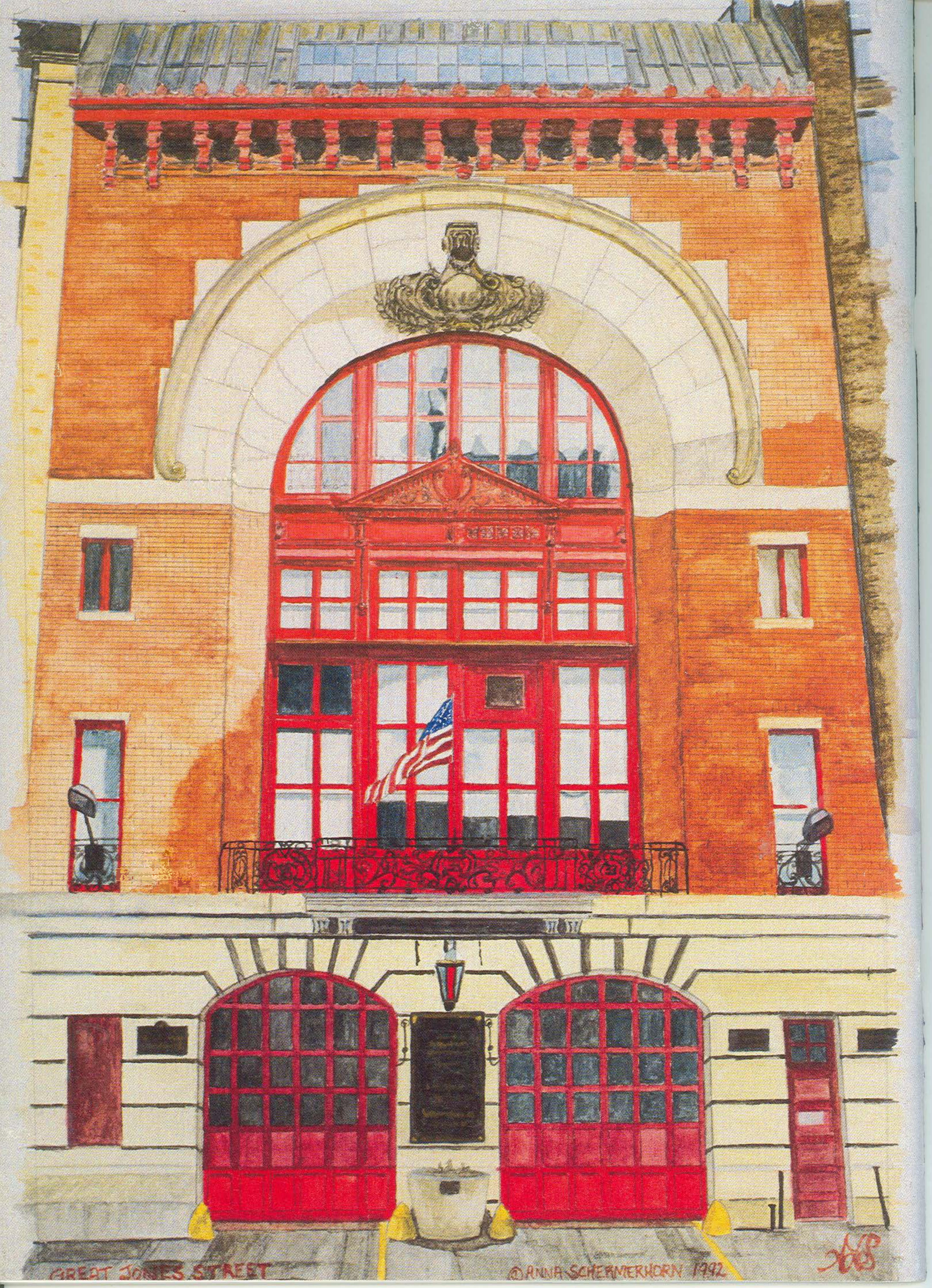
B.C. James J. Whitney retired from Battalion 4 in 1978. He has since taken up oil painting, recreating scenes from WNYF photos and augmenting them with memories of 30 years on the job. Chief Whitney now lives in Peoria, Arizona.

▶ **BEAUTY IN POWER**

The deck-gun streams of the Fireboat *Alfred E. Smith* grace the Brooklyn Bridge with water plumes of seemingly infinite delicacy. It's hard to imagine that they're the same streams Marine Co. 6 can use to knock down buildings. Photo by Fr. Jim Shanley



BACK THE
STEP



GREAT JONES STREET

ANNA SCHERMERHORN 1992

AS