

	MAYOR'S OFFICE OF EMERGENCY MANAGEMENT			
	7 WORLD TRADE CENTER			
	NEW YORK			
	BULLETIN #1 (HURRICANE WALL-A)			
	Description of work	Ambassador's Cost		
1	Additional labour and framing for new duct openings	\$5,600.00		
2	Patch Twenty two (22) existing columns	\$3,500.00		
3	Add 24 LF of Hurricane wall thru columns	\$13,900.00		
4	Add one layer of sheetrock on 200LF of Hurricane wall	\$4,300.00		
5	Deletion of top of wall approximately 300LF	(\$14,000.00)		
6	F&I 201 pieces of 8"x8"x1/2" steel plate reinforcement at 19 blast proof access doors and 7 blast proof doors	\$14,835.00		
7	Remove existing column fronts at 19 locations	\$2,500.00		
8	Leak detection system additional cost	\$11,975.00		
9	Electrical work on Hurricane damper 22 locations	\$21,800.00		
10	Additional steel 3"x3"x 5/16" welded to spandrel	\$16,765.00		
11	Additional work on Hurricane dampers duct to duct refabricating and install new duct at 4 locations	\$8,644.00		
12	Additional work on Hurricane dampers and fire/smoke dampers 15 locations; refabricating and installing new duct	\$32,415.00		
13	Hurricane damper with flexible connections at 5 locations	\$7,689.00		
14	Hurricane damper with grill at 32 locations	\$27,743.00		
15	Hurricane damper above wall at 32 locations	\$61,565.00		
16	Ruskin dampers Model #CD80AAF4 with 45" water gauge static pressure 88each	\$64,800.00		
17	10"x10" architectural grills 32 each	\$4,800.00		
18	Vavcon Hurricane damper actuator in duct work	\$37,000.00		
19	Credit original amount in budget for hurricane wall dampers	(\$40,000.00)		
	Sub-total	\$285,831.00		
	General conditions 8%	\$22,866.48		
	Sub-total	\$308,697.48		
	Fee 6%	\$18,521.85		
	Sub-total	\$327,219.33		
	Insurance 1.25%	\$4,090.24		
	TOTAL	\$331,309.57		

MAYOR'S OFFICE OF EMERGENCY MANAGEMENT 7 WORLD TRADE CENTER NEW YORK				
BULLETIN #1 (PORT AUTHORITY COMMENTS)				
	Description of work	Ambassador's Cost		
1	Delete concrete and reinforcing for new oil tank cradle	(\$19,380.00)		
2	New 4" concrete housekeeping pad under oil tank	\$1,500.00		
3	Installation of annunciator panel as per note #16 drawing # E1-23	\$0.00		
4	Furnish and install auxiliary contacts in each circuit breaker of switch board EDPH-23	\$0.00		
5	Change switch board EDPH-23 from fuse to circuit breaker	\$0.00		
6	Change the interrupting capacity of panel EDPH-23M from 65KA to 100KA	\$7,080.00		
7	F&I additional fire alarm devices as per revised drawing E4-03 dated 7/24/98	\$3,205.00		
8	F&I additional circuit breakers to panel EHP-1 and ELP-23W as directed by the engineer	\$1,360.00		
9	Upgrade the size of ground conductor to 1#2 in 1 1/4" conduit as per drawing #E3-01 dated 7/24/98	\$3,690.00		
	TOTAL	(\$2,545.00)		
	General conditions 8%	-\$203.60		
	Sub-total	(\$2,748.60)		
	Fee 6%	(\$164.92)		
	Sub-total	(\$2,913.52)		
	Insurance 1.25%	(\$36.42)		
	GRAND TOTAL	(\$2,949.93)		

MAYOR'S OFFICE OF EMERGENCY MANAGEMENT			
7 WORLD TRADE CENTER			
NEW YORK			
BULLETIN #1 (AUDIO VISUAL WORK & EQUIPMENTS)			
	Description of work	Ambassador's Cost	
1	RF Distribution system		
	A. Delete 74 (Seventy four) 13" monitors as requested by Ambassador Construction Co.	included	
2	Press feeds		
	A. Down grade fiber equipment by reducing the number of feeds between the Press room and the street.	(141,482.00)	
	B. Delete Audio distribution amplifiers for multiple box locations that are not required	(1,747.00)	
	C. Eliminate video cable between the EOC and Press room	included	
	Fiber distribution system including necessary cables and switches etc to insure a complete operating system	25,155.00	
	One (1) rack for transceivers/modulators	300.00	
3	External video feeds		
	A. Delete Press video matrix switch for switching and distribution to multiple modulation that are not required	(92,719.00)	
	B. Reduction in cost due to revision of Head-end equipment; that reduced the number of modulated and re-modulated channels available for general distribution	(39,529.00)	
	TOTAL	(250,022.00)	
	General conditions 8%	-\$20,001.76	
	Sub-total	(\$270,023.76)	
	Fee 6%	(\$16,201.43)	
	Sub-total	(\$286,225.19)	
	Insurance 1.25%	(\$3,577.81)	
	GRAND TOTAL	(\$289,803.00)	

HURRICANE WALL- B			
To furnish and install Motorized dampers in Hurricane wall			
	HVAC	\$52,000.00	
	ELECTRIC	\$65,250.00	
	Subtotal	\$117,250.00	
	General conditions 8%	\$9,380.00	
	Sub-total	\$126,630.00	
	Fee 6%	\$7,598.00	
	Sub-total	\$134,228.00	
	Insurance 1.25%	\$1,678.00	
	Total	\$135,906.00	

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98 MON 15:34 FAX 2126458962

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AIR CONDITIONING



HEATING

August 24, 1998

Ambassador Construction
 317 Madison Avenue
 New York, NY

ATT: Mr. Martin Schneider

RE: O.E.M.
 7 W.T.C.
 98-145

Dear Martin:

Below is a breakdown for each sketch that we sent to you for approval. The following is for the sheetmetal mechanical labor and materials:

1. This time includes refabricating and installing new duct required due to the change of Page #1:	
a. 1 sketcher, 1 hour at \$98.00/hr.	\$ 98.00
b. 1 shop fabricator, 6 hours at \$98.00/Hr.	588.00
c. 2 field men, 5 hours each at \$98.00/hr.	980.00
d. Material	120.00
	<u>1786.00</u>
SUBTOTAL	\$1,786.00
10% Overhead	178.60
10% Profit	196.46
	<u>\$2,161.06</u>
	x 4 Locations
TOTAL	\$8,644.24

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002

2. This time includes refabricating and installing new duct as required due to this change on Page #2:

- a. 1 sketcher, 1 hour at \$98.00/hr. / \$ 98.00
- b. 1 shop fabricator, 6 hours at \$98.00/hr. 588.00
- c. 2 field men, 5 hours at \$98.00/hr. 2 980.00
- d. Material 120.00

SUBTOTAL \$1,786.00
 10% Overhead 178.60
 10% Profit 196.46

\$2,161.06

x 15 Locations

TOTAL

\$32,415.00

3. New duct: per Page #3:

- a. 1 sketcher, 1/2 hours at \$98.00/hr. \$ 49.00 ✓
- b. 1 shop fabricator, 4 1/2 hours at \$98.00/hr. 441.00 204
- c. 2 field men, 3 1/2 hours each at \$98.00/hr. 686.00 53

- d. Material 95.00 ✓

SUBTOTAL \$ 1,271.00 1226
 10% Overhead 127.10
 10% Profit 139.80

\$ 1,537.90

x 5 Locations

TOTAL

\$ 7,689.50

4. Ductwork: per Page #4:

- a. 1 sketcher, 1/4 hour at \$98.00/hr. \$ 24.50
- b. 1 shop fabricator, 2 1/2 hours at \$98.00/hr. 245.00
- c. 2 field men, 2 hours at \$98.00/hr. 392.00
- d. Material 55.00

SUBTOTAL \$ 716.50
 10% Overhead 71.65
 10% Profit 78.81

\$ 866.96

x 32 Locations

TOTAL

\$27,742.72

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003

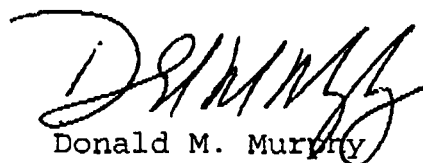
5. Ductwork per Page 5:		
a. 1 sketcher, 1/4 hour at \$98.00/hr.		\$ 24.50
b. 1 shop fabricator, 7 hours at <u>5</u> \$98.00/hr.		686.00 <u>490</u>
c. 2 field men, 3 1/2 hours each at <u>3</u> \$98.00/hr.		784.00 <u>38</u>
d. Material		<u>120.00</u>
	SUBTOTAL	\$ 1,590.00 <u>1223</u>
	10% Overhead	159.00
	10% Profit	<u>174.90</u>
		\$ 1,923.90 <u>1764</u>
		<u>x 32 Locations</u>
	TOTAL	\$61,564.80 <u>56454</u>
7. The cost for 88 Ruskin Model #CD80AF4 hurricane dampers with 45" W.G. static pressure		\$64,800.00
8. The cost for the 32 architectural 10x10 grilles		<u>\$ 4,800.00</u>
	TOTAL	\$207,656.00
9. Less - Amount included in base contract		<u>(\$40,000.00)</u>
	TOTAL	\$167,556.00
10. The add alternate for Valvcon electric 2 posit.on, 120 volt industrial actuators		
In Ductwork		\$37,000.00
In Hurricane Wall		<u>52,000.00</u>
	TOTAL	\$89,000.00

Please be advised that the hurricane dampers have a 7 week lead time from the date of order.

If you have any questions regarding the above, please feel free to contact me.

Very truly yours,

KABACK ENTERPRISES, INC.


Donald M. Murphy
Vice President

DMM/maw

08/24/98 MON 16:20 FAX 2126458962

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005

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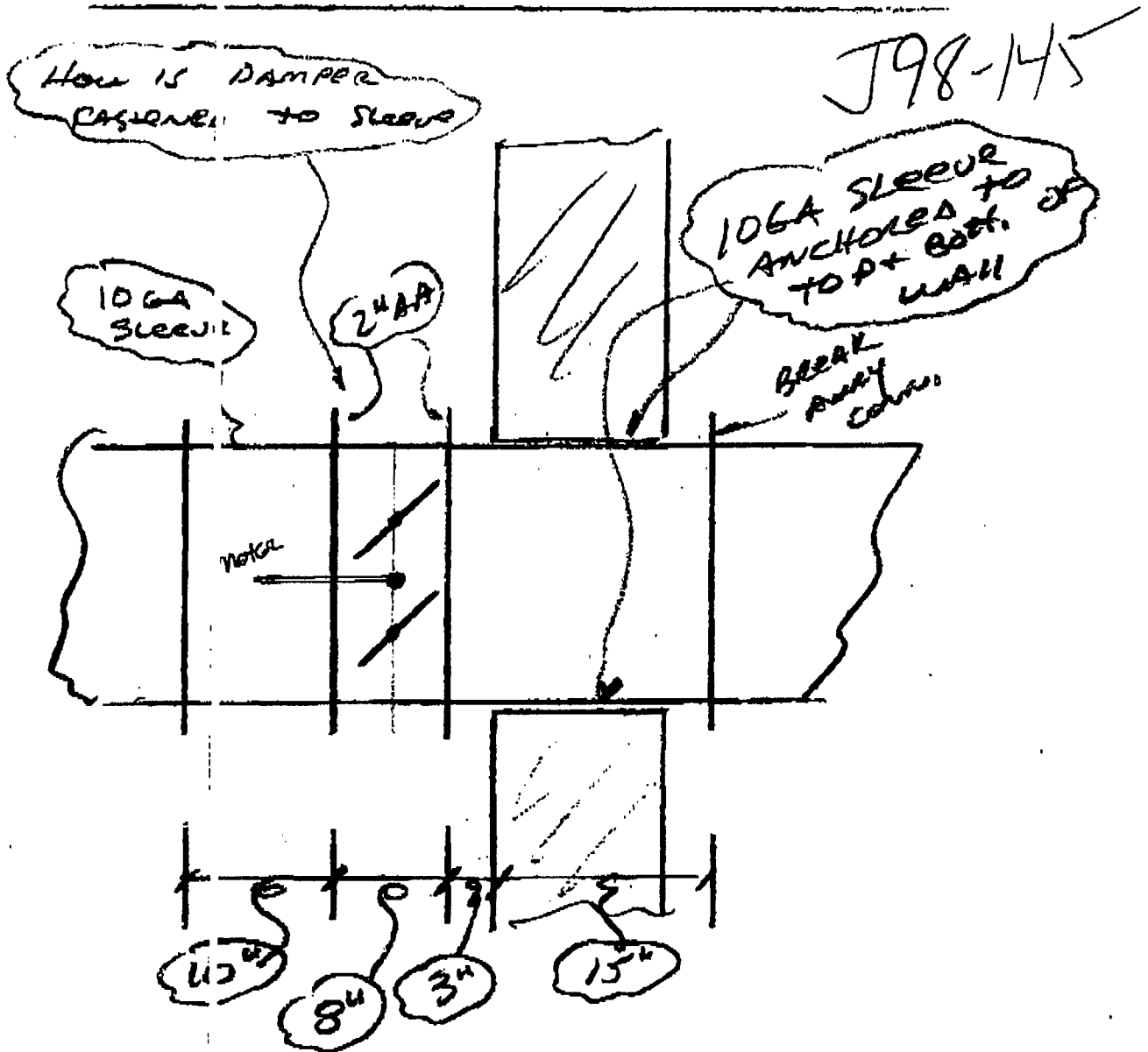
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WORLD TRADE CENTER

23rd Floor

①



HURRICAN DAMPER DUCT

TO DUCT DETAIL SK-1

(-1) LOCATIONS

(14x12) (30x20) (14x12) (12x28)

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006

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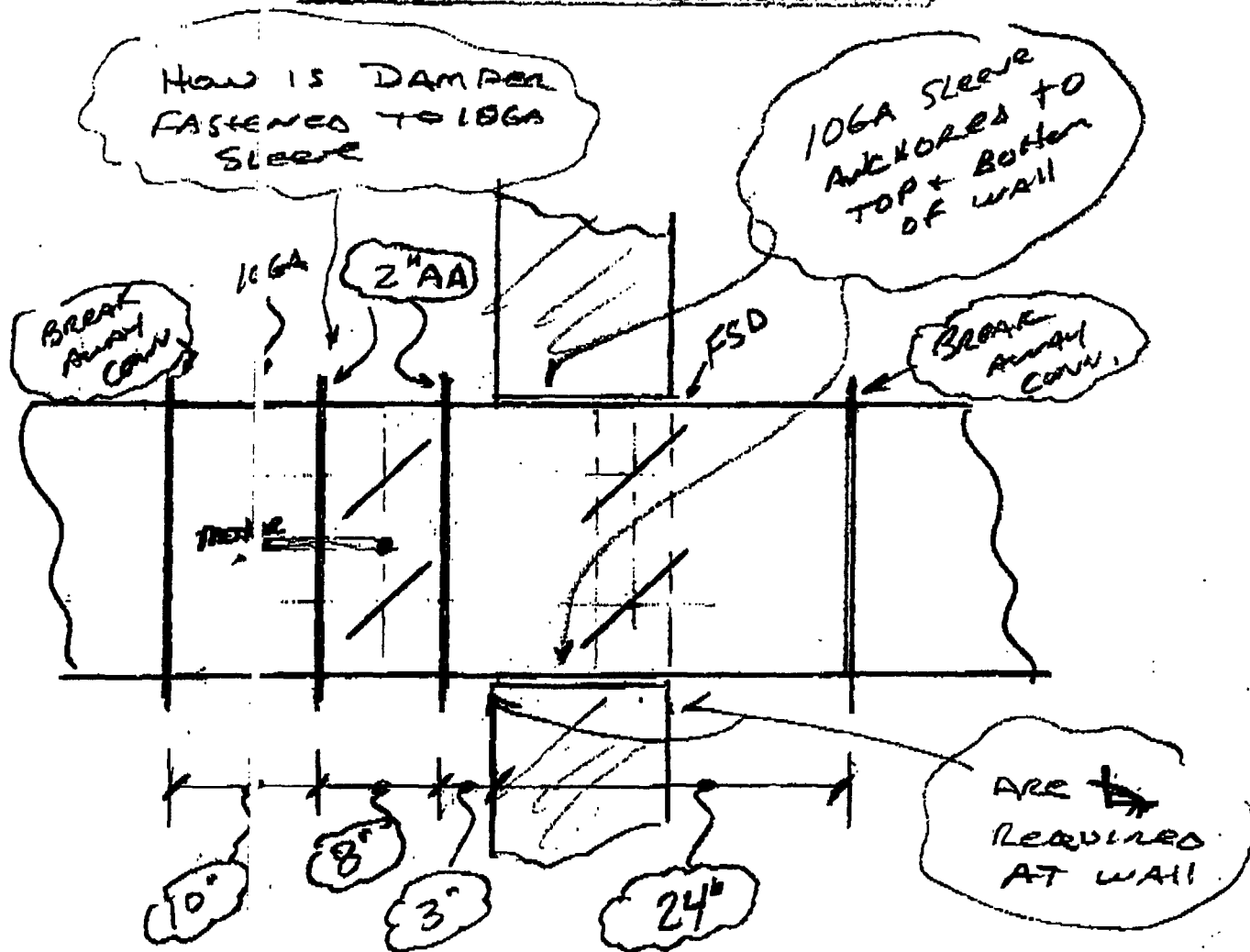
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7 WORLD TRADE CENTER

2

23RD FLOOR



HURRICANE DAMPER +

FIRE SMOKE DAMPER DETAIL

15 - LOCATIONS SK-2

* MAX DAMPER WIDTH IS 60"
(2) SEPARATE DAMPERS WILL BE REQUIRED

(60"x15") (16"x8") (56"x12") (96"x22") (56"x12") (14"x4")
(16"x12") (30"x18") (30"x20") (26"x17") (32"x16") (16"x8") (14"x4") (14"x8")

4:15

08/24/98 MON 16:21 FAX 2126458962

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007

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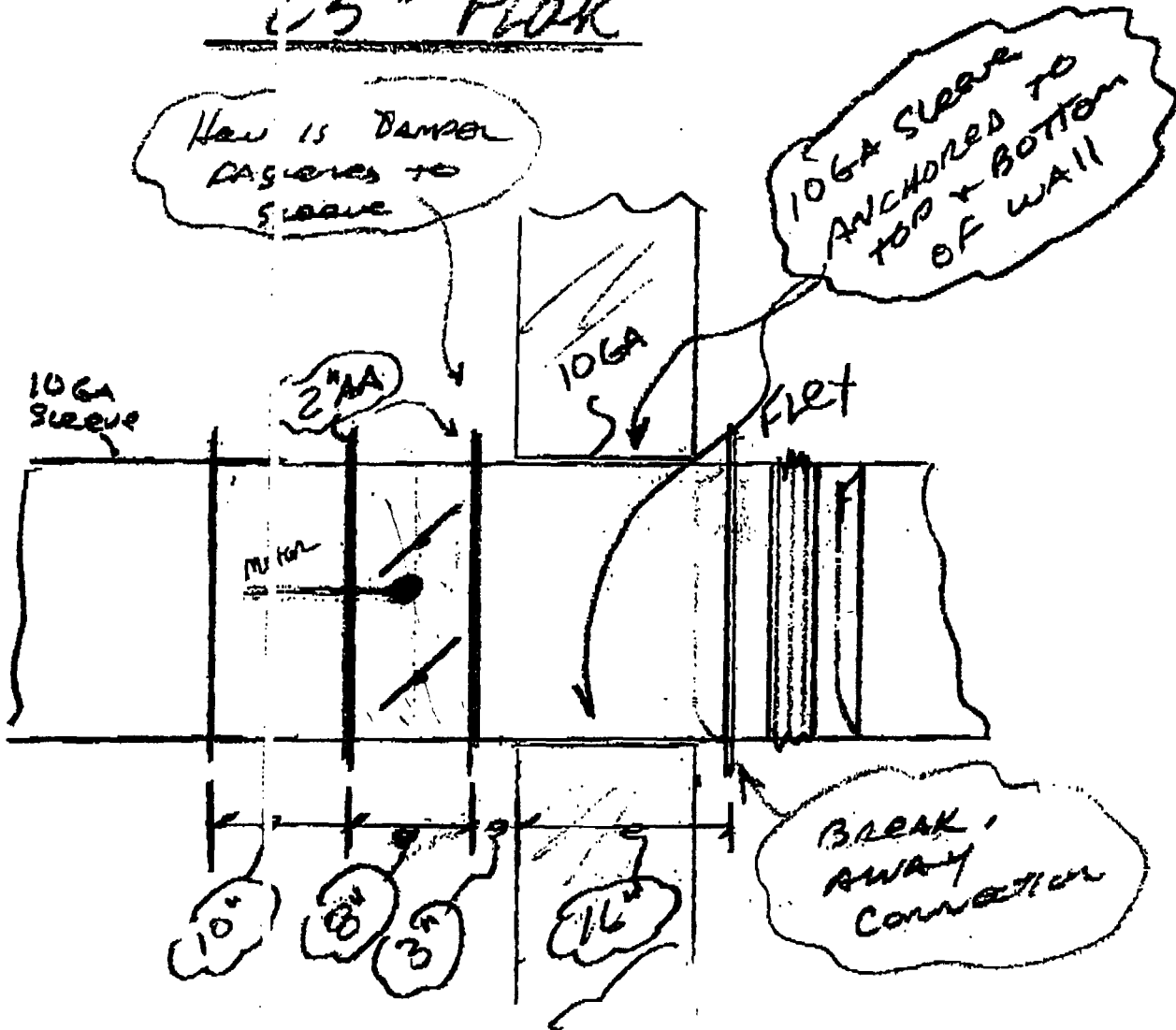
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7 WORLD TRADE CENTER

(3)

13th FLOOR



HURRICANE DAMPER &

FLEX CONN. DETAIL

5 LOCATIONS SK-3

(8x8) (8x8) (32x12) (14x22) (14x6) 6.7.98

08/24/98 MON 16:22 FAX 2126458962

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009

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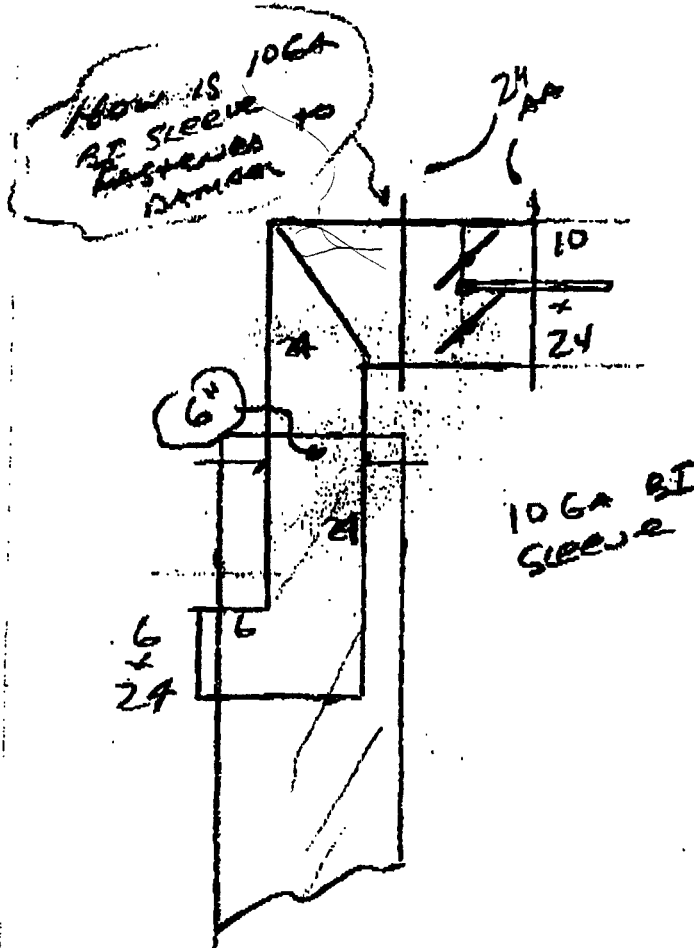
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7 World Trade Center

23rd Floor

5



HURRICANE DAMPER

32 LOCATIONS

SK-5