

Bldg # 12506PM
" B 750
2/22/12
HANDOUT #17

PRE-INCIDENT SURVEY

Building Name: Industrial & Construction Enterprises Survey #: 49
Street Address: 1995 W 5th St.
City, State, Zip: Washington NC
Primary Use: Retail/Distributor Construction Type: Steel / Masonry walls
Possible Entry: _____
Possible Occupancy: A.M. 10 P.M. 10
Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Jeff Broadway Name: Tim Creech
Phone: 945-0797 Phone: 914-1700

BUILDING CONSTRUCTION

Roof Type: Metal Floor Construction: Slab
Roof Construction: Steel truss
Basement Construction Type: _____ Height of Basement: _____
Number of Stories: 1 Height of Each Story: inside office
Length: 100 Width: 100 Height: 28' 33x57 2 story.
Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: Atter Piedmont Type: Natural
Gas Shut Off Valve Location: _____
Electric: Wich Utilities Phase: 3
Panel Location: MID EAST WALL
Alarm Location: _____

EXPOSURES

North: _____ FT. West: _____ FT. South: 50 FT. East: 70'
Type: _____ Type: _____ Type: Metal Type: Metal

bldg 2 No Electrical, store only metal parts

SUPPRESSION CRITERIA

Needed Fire Flow: _____ Total Water Supply: _____

Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS

(1) _____ Flow: _____ Unit: _____

(2) _____ Flow: _____ Unit: _____

(3) _____ Flow: _____ Unit: _____

(4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) _____

(2) _____

(3) _____

SPECIAL RESOURCES

(1) _____

(2) _____

(3) _____

MUTUAL AID

(1) _____ Assignment: _____

(2) _____ Assignment: _____

(3) _____ Assignment: _____

STAGING AREA

Primary: _____

Secondary: _____

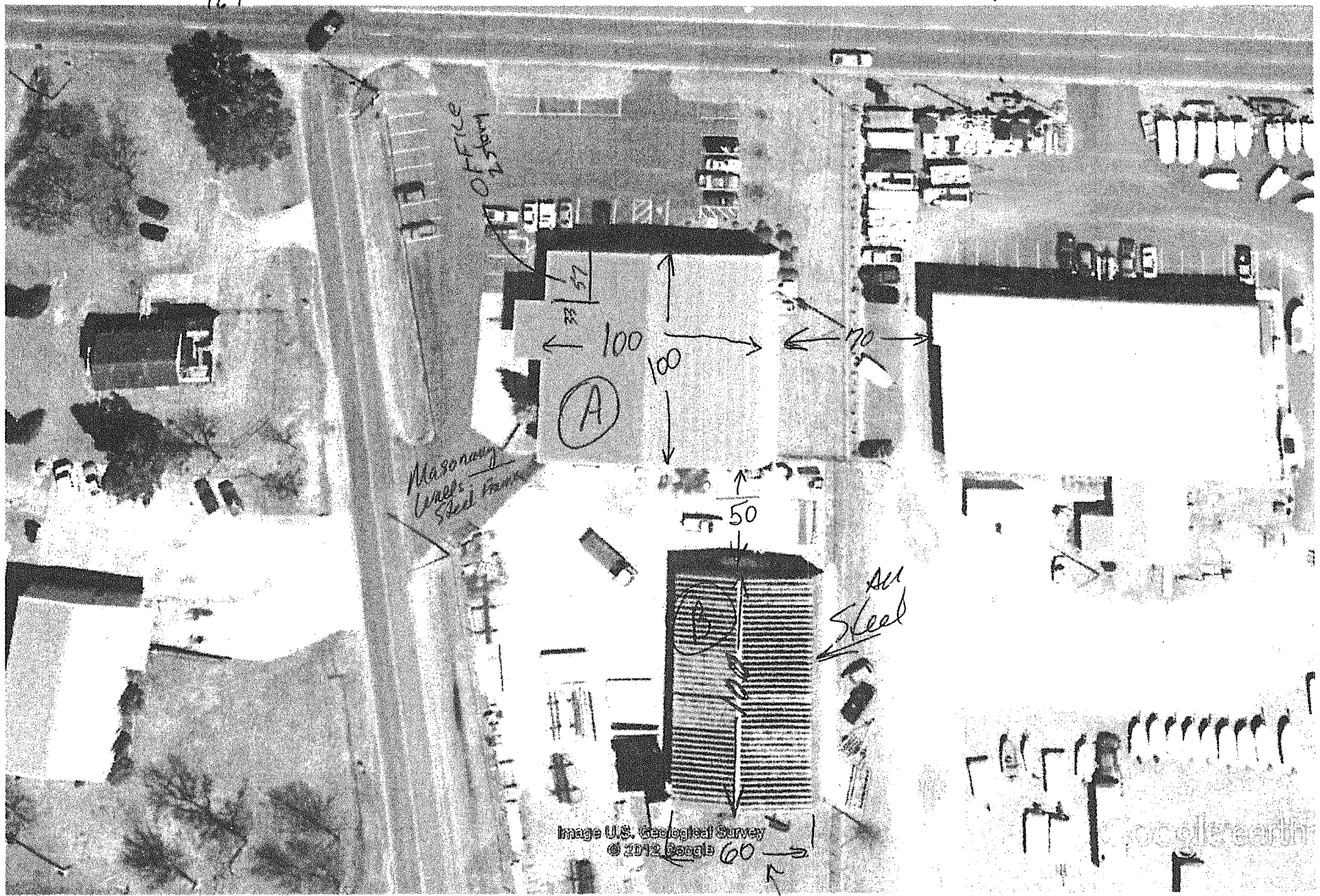
MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____

21' 13' 6" 1/2

28' Weight.



Google earth



No electricity

ICE -
1995 W 5th St.

Structure Name Industrial & Construction Enterprises

Structure Address 1995 W 5th St. Bldg. A.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	100	10000	100.00	1800.00	0.6	1080.00	1	#####

Exposure % add	Exposure add GPM	Exposure per side (75% max) Total Side A	Exposure per side 75% max Side B	Exposure per side 75% max Side C	Exposure per side 75% max Side D	Total GPM with exposures
25%	270.00	0	97	151	0	1328.00
19%	205.20				0	
14%	151.20					
9%	97.20					
75%	810.00	Total A, B, C, D				
	MAX	248				

Column F
Fire Resistive 0.6
Non-combustible 0.8
Ordinary 1
Wood Frame 1.5

Column H
.75 if Mostly non-combustible contents
.85 if Limited combustibles (apartments, churches, schools, hospitals)
1.0 if Mostly combustible (restaurants, sheds, garages)
1.15 if Free burning contents (post offices, horse stables, feed mills, repair garages, ag storage)
1.25 if Rapid burning (aircraft hangers, tires, flammable liquids, wood working)

Column J, K, L and M
If up to 10 feet add 25% per side
If 11 to 30 feet add 19% per side
If 31 to 60 feet add 14% per side
If 61 to 100 feet add 9% per side

Round off to nearest 250 GPM for flows less than 2500 GPM, the nearest 500 GPM over 2500 GPM

Total GPM with exposures	Add 50% for each floor above ground floor	# of floors	Total to add for floors above	Sub-total with floors added	If wood shingles on roof add 500 GPM
1250.00	625	0	0.00	1250.00	0
					1250.00

FIRE FLOW NEEDED GPM
<u>1250.00</u>

Structure Name I.C.E.
 Structure Address 1995 W. 5th St. Bldg. "B"

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	60	6000	77.46	1394.27	0.6	836.56	0.75	627.42

Exposure % add	Exposure add GPM	Exposure per side (75% max) Total Side A	Exposure per side 75% max Side B	Exposure per side 75% max Side C	Exposure per side 75% max Side D	Total GPM with exposures
25%	156.86	87	0	0	0	714.42
19%	119.21				0	
14%	87.84					
9%	56.47					
75%	470.57	Total A, B, C, D				
	MAX	87				

Column F
Fire Resistive 0.6
Non-combustible 0.8
Ordinary 1
Wood Frame 1.5

Column H
.75 If Mostly non-combustible contents
.85 If Limited combustibles (apartments, churches, schools, hospitals)
1.0 If Mostly combustible (restaurants, sheds, garages)
1.15 If Free burning contents (post offices, horse stables, feed mills, repair garages, ag storage)
1.25 If Rapid burning (aircraft hangers, tires, flammable liquids, wood working)

Column J, K, L and M
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If 31 to 60 feet add 14% per side
If 61 to 100 feet add 9% per side

Round off to nearest 250 GPM for flows less than 2500 GPM, the nearest 500 GPM over 2500 GPM

Total GPM with exposures	Add 50% for each floor above ground floor	# of floors above	Total to add for floors above	Sub-total with floors added	If wood shingles on roof add 500 GPM
750.00	375	0	0.00	750.00	0
					750.00

FIRE FLOW NEEDED
GPM
750.00