

Bldg 1 1250 Bldg 2 2000 6/10/12 HANDOUT #17

PRE-INCIDENT SURVEY 3/10/12

Building Name: AAA Glass Service Survey #: 76
Street Address: 2513 West 5th St.
City, State, Zip: Washington NC 27889
Primary Use: Glass Co. Construction Type: Metal building
Possible Entry: A' - 1 entry door B' - 2 Bay door, 1 entry door
Possible Occupancy: A.M. 6 P.M. 6 Mon-Fri 8-5
Known Handicapped Personnel: 0

NOTIFY IN CASE OF EMERGENCY

Name: Doug Grizzard Name: Margie Grizzard
Phone: 252 945 1338 Phone: 252 945 4409
252 946 7440

BUILDING CONSTRUCTION

Roof Type: Metal Floor Construction: Concrete
Roof Construction: Metal beam w/ drop ceiling over offices
Basement Construction Type: N/A Height of Basement: —
Number of Stories: 1 Height of Each Story: —
Length: 100' Width: 40' Height: —
Attic Area: Shop area Size: L 12' X W 8' X H 10'

UTILITY TYPES

Gas: F. Ray Moore Type: Propane
Gas Shut Off Valve Location: @ the tank
Electric: Washington Utilities Phase: Single
Panel Location: Second office to left B' side
Alarm Location: —

EXPOSURES

North: — FT. West: 145' FT. South: — FT. East: 58' 2'
Type: — Type: Wimco Type: — Type: Performance Storage
Paint w/ gas pump

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: _____

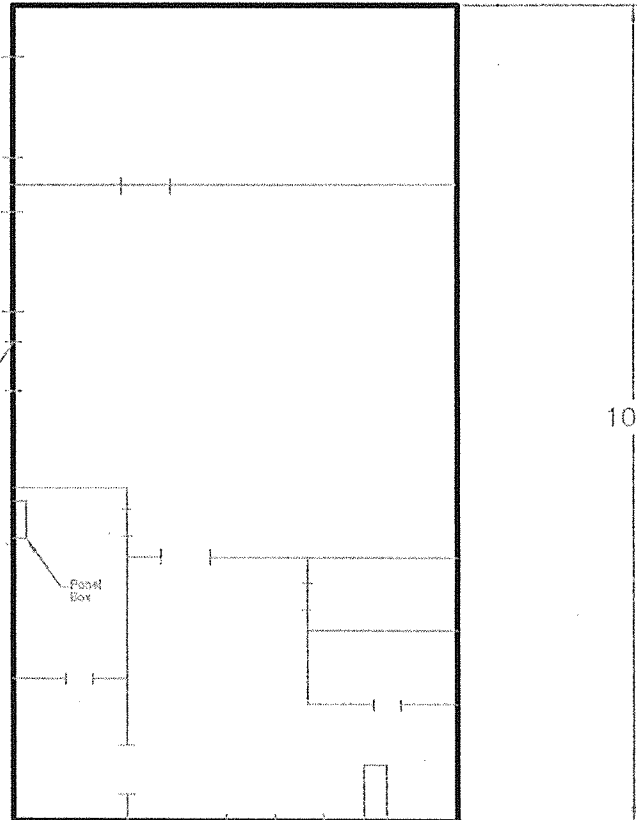
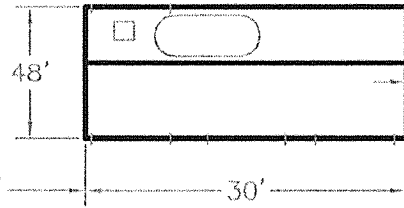
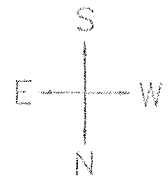
Secondary: _____

MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____

PERFORMANCE
PAINT & BODY
SHOP



WIMCO

AAA GLASS COMPANY

Advised OWNER to relocate tank stored in building to outside

- 280 Gallon Gasoline tank.

8:36 am - 02/28/12

[Signature]



Name:

AAA Glass Service

Address:

2513 West 5th St.

Pre-Plan #:



Google earth

feet
meters



AAA Glass
2513 W. 5th St.



Structure Name AAA Glass Service
 Structure Address 2513 W 5th St.

Bldg 2

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
50	30	1500	38.73	697.14	1.5	1045.71	1.25	1307.13

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 (restraunts, 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)

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%	326.78	327	248	0	0	1882.13
19%	248.36		0			
14%	183.00					
9%	117.64					
75%	980.35	Total A,B,C,D				
	MAX	575				

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
2000.00	1000	0	0.00	2000.00	0
					2000.00

FIRE FLOW NEEDED GPM
2000.00

Structure Name AAA Glass Bldg - 1
 Structure Address 2513 W 5th St.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	40	4000	63.25	1138.42	0.8	910.74	1	910.74

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%	227.68		128	0	0	1266.74
19%	173.04		228			
14%	127.50					
9%	81.97					
75%	683.05	Total A, B, C, D				
	MAX	356				

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)
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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
1250.00