

(8262) → Gate Code - TA0B (8262) 1-21-14

HANDOUT #17

PRE-INCIDENT SURVEY

1000 GPM

Building Name: Atlantic Boat Transportation Survey #: 64

Street Address: 3828 Cherry Lane

City, State, Zip: _____

Primary Use: truck repair Construction Type: Steel

Possible Entry: _____

Possible Occupancy: A.M. 2 to 3 P.M. 8 to 5

Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Chris Brunch Name: Kelly Bider

Phone: 402 5005 Phone: 402 7897

BUILDING CONSTRUCTION

Roof Type: Steel Floor Construction: Slab

Roof Construction: Metal

Basement Construction Type: _____ Height of Basement: _____

Number of Stories: _____ Height of Each Story: _____

Length: 85 Width: 80 Height: 16

Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: R Jenkins Type: LP

Gas Shut Off Valve Location: @ tank

Electric: Washington Utility Phase: 1

Panel Location: SW corner

Alarm Location: _____

EXPOSURES

North: _____ FT. West: _____ FT. South: _____ FT. East: _____

Type: _____ Type: _____ Type: _____ Type: _____

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: _____



Google earth

feet 300
meters 90



Structure Name Atlantic Boat Transportation
 Structure Address 3828 Cherry Run Rd.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
85	80	6800	82.46	1484.32	0.8	1187.45	0.85	1009.34

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%	252.33		0	0		1009.34
19%	191.77					
14%	141.31					
9%	90.84					
75%	757.00	Total A,B,C,D				
MAX	0					

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)

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
1000.00	500	0	0.00	1000.00	0
					1000.00

FIRE FLOW NEEDED
GPM
1000.00