

2250

2500 6 PM

HANDOUT #17

PRE-INCIDENT SURVEY3/10/12
2/22/12Building Name: Deep water Survey #: 48Street Address: 6610 CN Rd

City, State, Zip: _____

Primary Use: Garage/Shop/office Construction Type: Pole

Possible Entry: _____

Possible Occupancy: A.M. _____ P.M. _____

Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCYName: Roy Branch Name: James BranchPhone: 252 402 6651 Phone: 974-1001906 1215**BUILDING CONSTRUCTION**Roof Type: Fltss Metal Floor Construction: SlabRoof Construction: Fltss

Basement Construction Type: _____ Height of Basement: _____

Number of Stories: _____ Height of Each Story: _____

Length: 100 Width: 50 Height: 14 4/12

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

UTILITY TYPESGas: N/A Type: _____

Gas Shut Off Valve Location: _____

Electric: Washington Utility Phase: 1Panel Location: NW Corner

Alarm Location: _____

EXPOSURESNorth: 20 FT. West: _____ FT. South: _____ FT. East: _____Type: Ordinary Type: _____ Type: _____ Type: _____

SUPPRESSION CRITERIANeeded Fire Flow: 2250 Total Water Supply: _____

Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS

(1) 6879 CN Rd (4100') Flow: 500 Unit: _____

(2) Clayton Cir & Teresa (6900') Flow: 500 Unit: _____

(3) _____ Flow: _____ Unit: _____

(4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) Tankers from In house 3600 gal. , Ponds @ site.

(2) Gormesland

(3) Pacthus

SPECIAL RESOURCES

(1) _____

(2) _____

(3) _____

MUTUAL AID

(1) Gormesland Assignment: tanker / hydrant.

(2) Pacthus Assignment: tanker / hydrant.

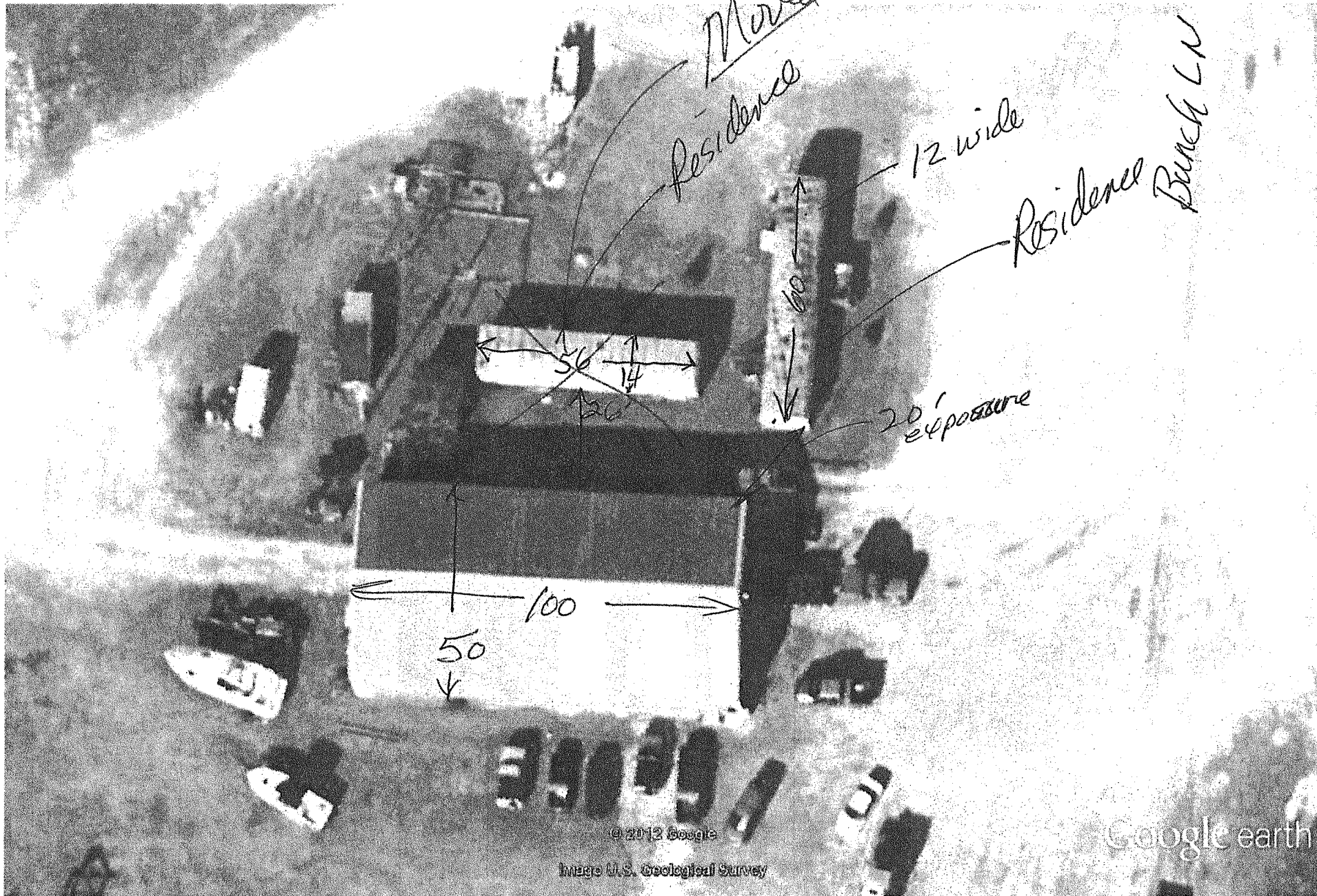
(3) _____ Assignment: _____

STAGING AREAPrimary: Birch Lane, Field Area around.

Secondary: _____

MISCELLANEOUS INFORMATIONSprinkler Connection: N/A

Standpipe Connection: _____



Google earth

feet
meters

200
60

Deep Water Marine & Open Storage
16115 Chalks Neck Rd.



Google earth

feet
meters



Deep Water Marine
6610 PA RD.



Google earth

miles
km

1

3

12/31/11

Deep Water Marine
16010 Clark's Neck Rd.



Google earth

12/31/11

feet
meters

200 900

Deep water Marine
6610 Clarkes Neck Rd



Structure Name Deep Water Marine & Storage
 Structure Address 6610 Clarks Neck Rd.

3/10/2012

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	50	5000	70.71	1272.79	1.5	1909.19	1	1909.19

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)

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%	477.30		0	0	363	2272.19
19%	362.75					
14%	267.29					
9%	171.83					
75%	1431.89	Total A, S, C, D				
	MAX	363				

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
2250.00	1125	0	0.00	2250.00	0
				2250.00	2250.00

FIRE FLOW NEEDED GPM
2250.00

1 - Exposure removed -

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2500.00	1250	0	0.00	2500.00	0
				2500.00	

FIRE FLOW NEEDED
GPM
2500.00