

2/9/12

PRE-INCIDENT SURVEY

Building Name: Culligan Survey #: 75

Street Address: 1981 West 5th St.

City, State, Zip: Washington NC

Primary Use: Water distributor Construction Type: Metal building

Possible Entry: Front door

Possible Occupancy: A.M. 6 P.M. 3 mon-Fri 8-5

Known Handicapped Personnel: 0

NOTIFY IN CASE OF EMERGENCY

Name: Josh Easton Name: Kris Easton

Phone: 252 945-8062 Phone: 252 637 3510

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: 20'

Attic Area: None Size: L — X W — X H —

UTILITY TYPES

Gas: None Type: —

Gas Shut Off Valve Location: N/a

Electric: Washington Phase: Single

Panel Location: Shop area along 'B' side wall

Alarm Location: N/a

EXPOSURES

North: — FT. West: 105 FT. South: — FT. East: —

Type: — Type: Business Type: — Type: Restaurant

(Pamlico District) (Hog Heaven)

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: _____

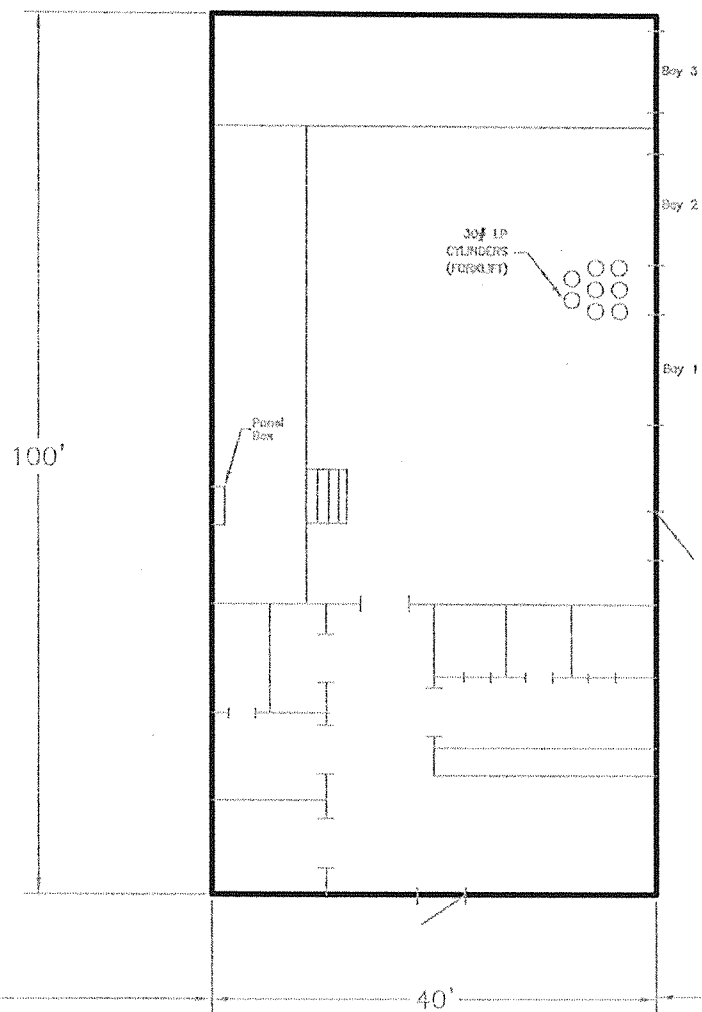
Secondary: _____

MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____

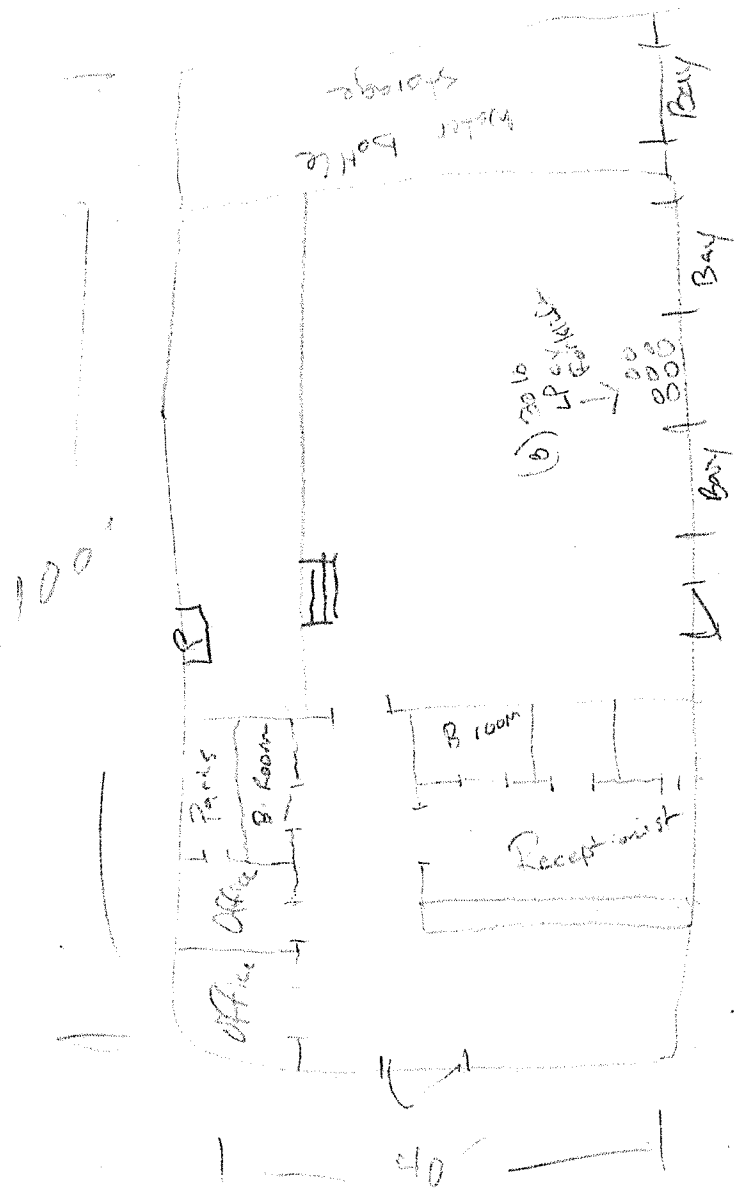
HOG HEAVEN



CULLIGAN

PAMLICO
DIALYSIS

Hay Heaven



105'

PD



Google earth

feet
meters



Culligan
1981 W. 5th St.



Structure Name Culligan
 Structure Address 1981 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	0.85	774.13

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%	193.53		0	0	0	774.13
19%	147.08					
14%	108.38					
9%	69.67					
75%	580.59	Total A,B,C,D				
	MAX	0				

Column F
Fire Resisitive 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
750.00	375	0	0.00	750.00	0
					750.00

FIRE FLOW NEEDED GPM
750.00