

PRE-INCIDENT SURVEY 2/18/12

Building Name: Quality Automotive & Muffler Service Survey #: 54
Street Address: 4429 Hwy 264 West
City, State, Zip: Washington NC 27889
Primary Use: Service Shop Construction Type: Metal
Possible Entry: Front & back door, 6 bay doors
Possible Occupancy: A.M. 7 P.M. 7 Mon 8-5
Sat 8-3
Known Handicapped Personnel: 0

NOTIFY IN CASE OF EMERGENCY

Name: Sherry Toler Name: _____
Phone: (252) 945-3186 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Metal A-frame Floor Construction: Concrete
Roof Construction: Metal w/ wood ceiling
Basement Construction Type: N/A Height of Basement: _____
Number of Stories: 1 Height of Each Story: _____
Length: 101' Width: 45' Height: 25'
Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: None Type: _____
Gas Shut Off Valve Location: _____
Electric: Washington Utilities Phase: 3
Panel Location: B' side
Alarm Location: None

EXPOSURES

North: 65' FT. West: 2'-10' FT. South: 18' 86' FT. East: 66'
Type: Cars Type: Cars Type: OL Storage Type: Storage
Drums Buildings Building

owned by Manuel Alligood

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: _____



0.2

1.3

1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1

Broom

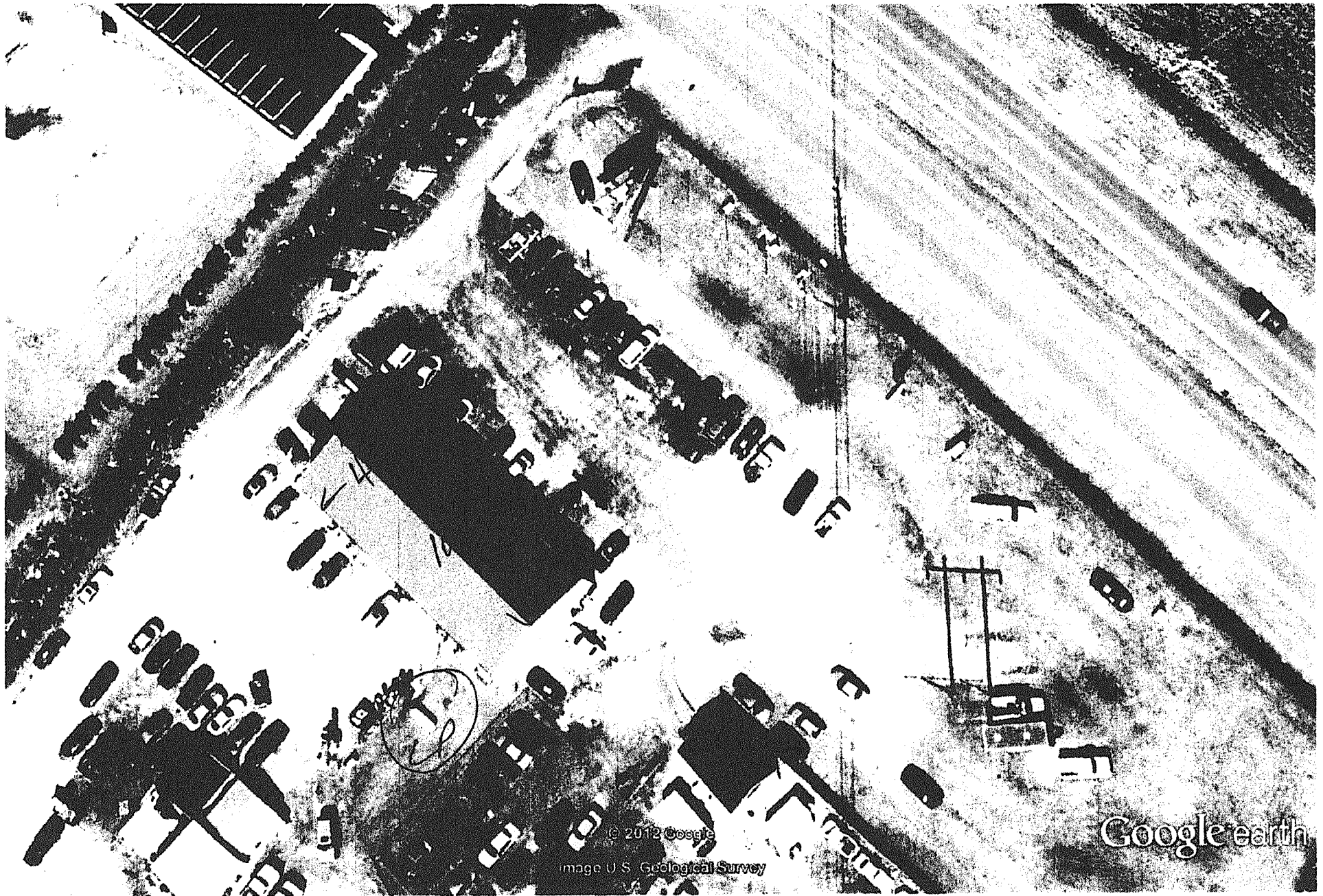
ice



1.0

1.0

1.0



Go g^ole earth

feet
meters

200

80

Quality Automotive
4429 US 264 W



Structure Name Quality Automotive & Muffler
 Structure Address 4429 US 264W

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
101	45	4545	67.42	1213.50	0.8	970.80	1.15	1116.42

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%	279.10	0	100	101	0	
19%	212.12		0	0		
14%	156.30					
9%	100.48					
75%	837.31	Total A, B, C, D				
MAX	201	Column J, K, L and M				

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

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
	625	0	0.00	1250.00	0
				1250.00	

FIRE FLOW NEEDED
GPM
1250.00