

2/4/14

HANDOUT #17

PRE-INCIDENT SURVEY

500 GPM

Building Name: Washington Motor Company Survey #: 25
Street Address: 3978 US 264 W
City, State, Zip: Washington, N.C. 27889
Primary Use: Auto Sales Construction Type: Mfg. Housing (Dbl. wide)
Possible Entry: Sides A, B + C
Possible Occupancy: 1 to 2 A.M. 9 P.M. 5
Known Handicapped Personnel: N/A

NOTIFY IN CASE OF EMERGENCY

Name: Barry Smith Name: _____
Phone: 252-375-7000 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Wood/Shingled Floor Construction: Wood
Roof Construction: _____
Basement Construction Type: N/A Height of Basement: N/A
Number of Stories: 1 Height of Each Story: 8'
Length: 57' Width: 28' Height: 10'
Attic Area: N/A Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: N/A Type: _____
Gas Shut Off Valve Location: _____
Electric: 240 V Phase: 1
Panel Location: Side C
Alarm Location: _____

EXPOSURES

North: 18 FT. West: _____ FT. South: _____ FT. East: _____
Type: Storage building 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 AREAPrimary: Page Road - Fire Apparatus should not leave paved areas, bt very wet

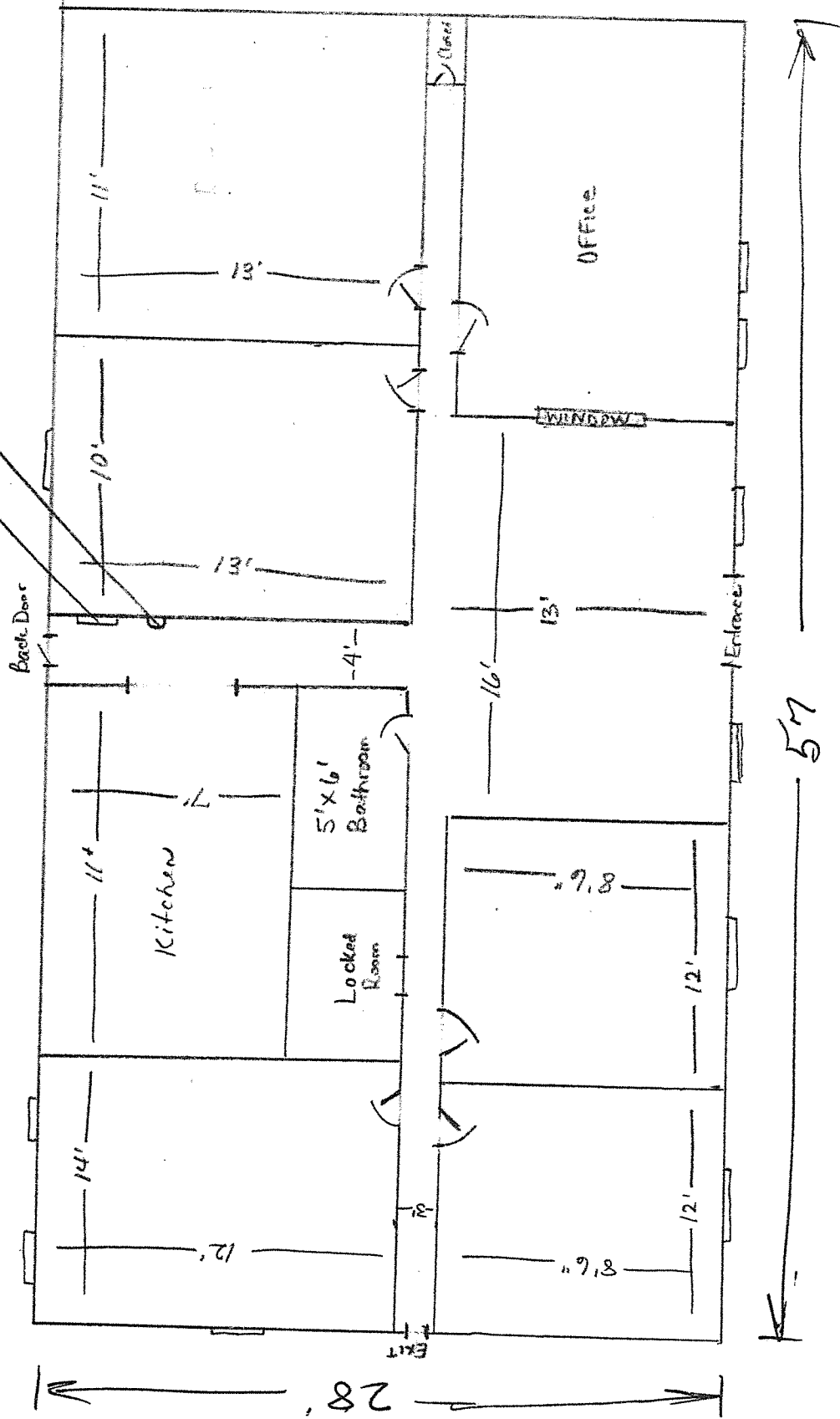
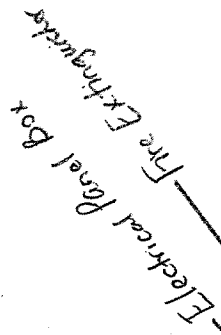
Secondary: _____

MISCELLANEOUS INFORMATIONSprinkler Connection: N/AStandpipe Connection: N/A

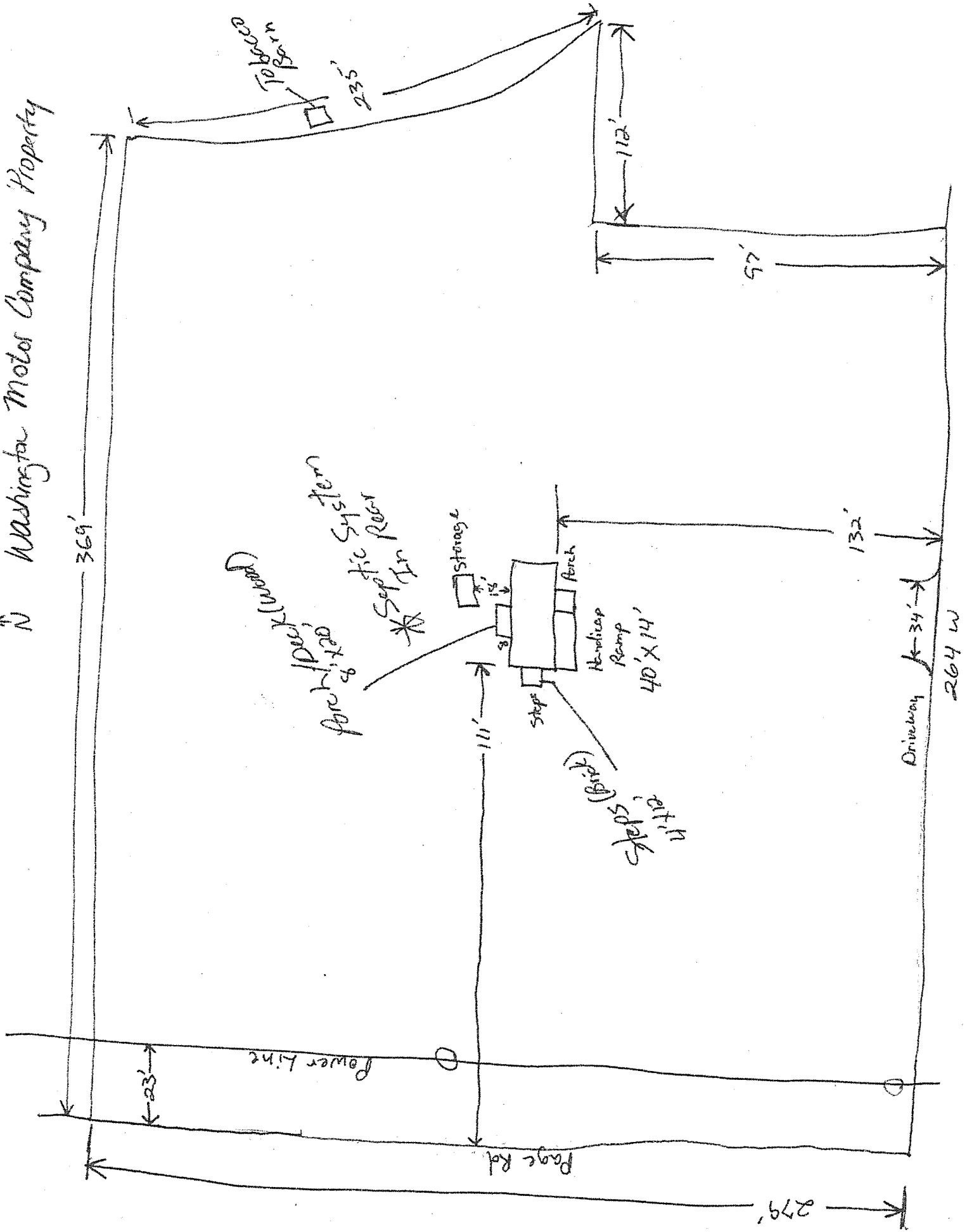
Washington Motor Company Building Layout

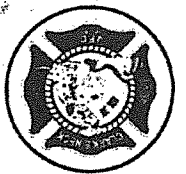
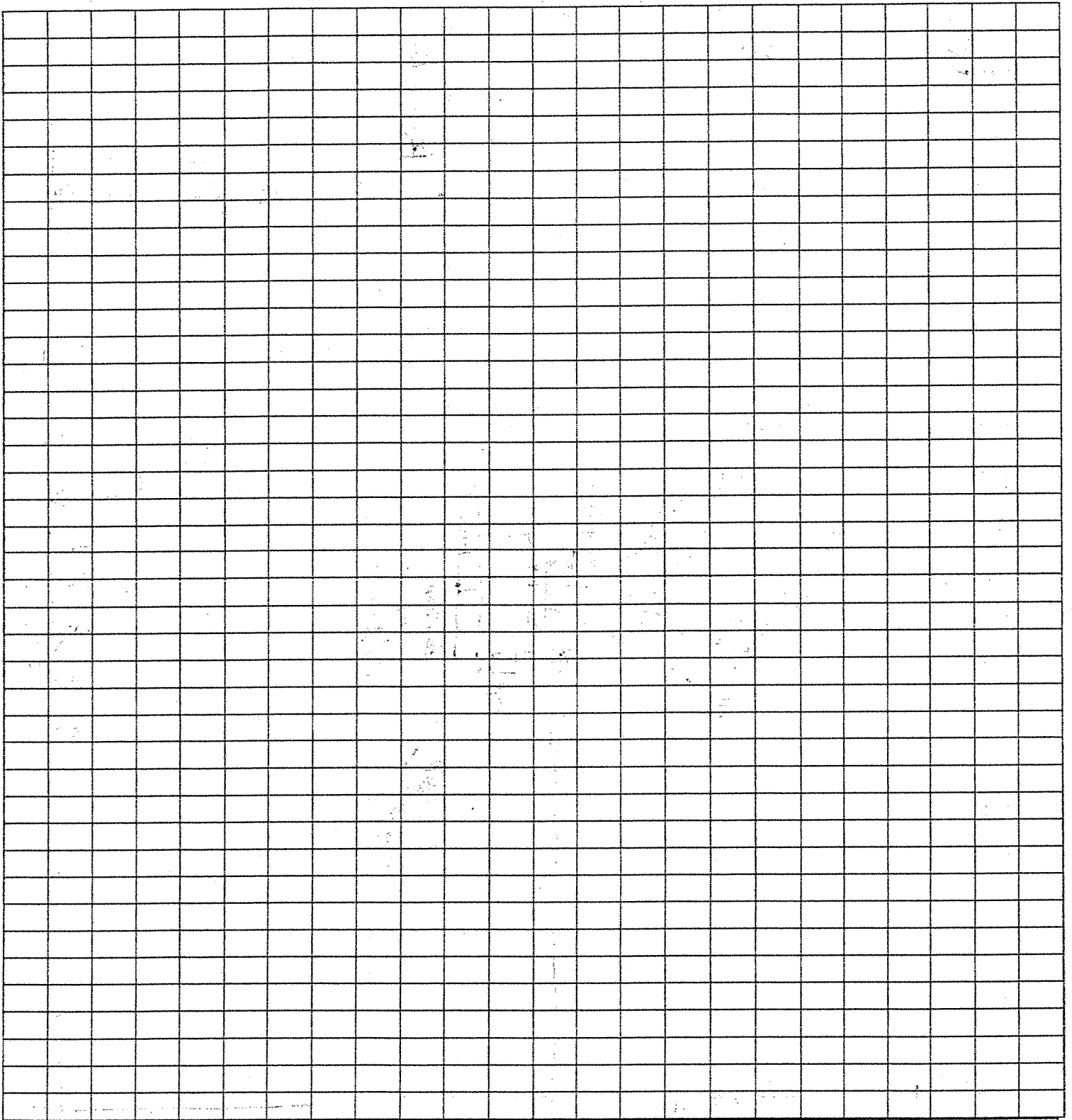
U.S. 264

946-8023



N Washington Motor Company Property





Name: Washington Motor Co.

Address: 3928 264 West

Pre-Plan #: _____

Structure Name

Washington Motor Co.

Structure Address

3578 US 264 W

Length	Width	Sq Ft	Sq Root	X 18	construction type	GPM sum 1	X Occupancy	GPM sum 2
57	28	1596	39.95	719.10	1	719.10	0.85	611.23

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%	152.81					
19%	116.13					
14%	85.57					
9%	55.01					
75%	458.49	Total A, B, C, D				
MAX	0					611.23

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. Use nearest 500 GPM over 2500 GPM.

Total GPM with exposures	Add 50% for each floor above ground floor	# of floors above	Total to add for floors above	Sub-total with floors added	If wood shingles on roof add 500 GPM
500.00	250	0	0.00	500.00	0
					500.00

FIRE FLOW NEEDED
GPM
500.00