

2/2/12

HANDOUT #17

PRE-INCIDENT SURVEY

1000 gpm

Building Name: K & B Car Store Survey #: 14Street Address: 7473 Hwy 264 EastCity, State, Zip: Washington NC 27889Primary Use: Car dealer Construction Type: Wood FramePossible Entry: Front door, back door, 2 bay doorsPossible Occupancy: A.M. 2t 9 am P.M. 0 after 5:30Known Handicapped Personnel: 0**NOTIFY IN CASE OF EMERGENCY**Name: Kenneth Manning Name: Terry & Susan TuteraPhone: 252 581-1394 Phone: 252 975-2360
252 944-6450**BUILDING CONSTRUCTION**Roof Type: A Frame Floor Construction: concreteRoof Construction: Shingle, wooden trussBasement Construction Type: N/A Height of Basement: —Number of Stories: 1 Height of Each Story: —Length: 50' Width: 30' Height: 20'Attic Area: — Size: L 50 X W 30 X H 20'**UTILITY TYPES**Gas: N/A Type: —Gas Shut Off Valve Location: N/AElectric: EMC Phase: SinglePanel Location: Office to the right of front door, back wallAlarm Location: N/A**EXPOSURES**North: — FT. West: 35' FT. South: 10'-45' FT. East: 15'-20'Type: — Type: Cars Type: Cars Type: Cars

SUPPRESSION CRITERIA

Needed Fire Flow: 1000 gpm Total Water Supply: Hyd 500 gpm / Tankers.
 Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS

(1) across Old Washington Rd. Flow: 500 Unit: _____
 (2) Sticks Rd. Flow: 500 Unit: _____
 (3) _____ Flow: _____ Unit: _____
 (4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) _____
 (2) _____
 (3) _____

SPECIAL RESOURCES

(1) _____
 (2) _____
 (3) _____

MUTUAL AID

(1) Pactolus Assignment: Tag hydrant @ Sticks & haul water
 (2) Crimesland Assignment: haul water & back up pumpers
 (3) _____ Assignment: _____

STAGING AREA

Primary: Old Washington Rd. / Hadmore Trailer Driveway.
 Secondary: Double T Fastner parking area.

MISCELLANEOUS INFORMATION

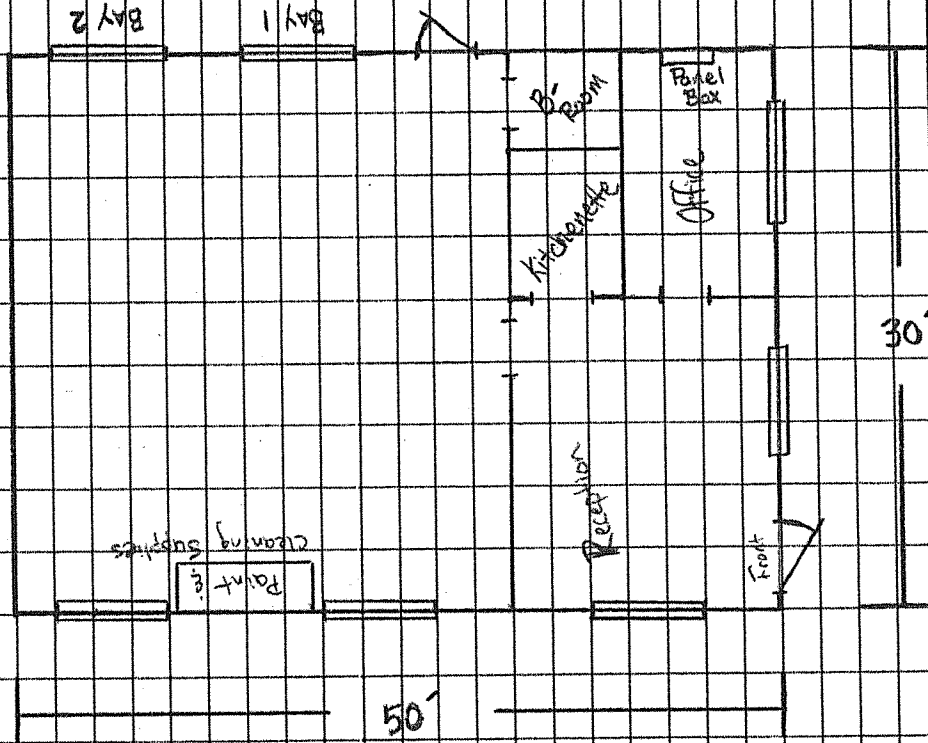
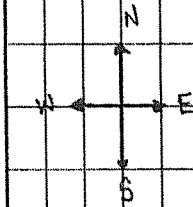
Sprinkler Connection: N/A
 Standpipe Connection: _____



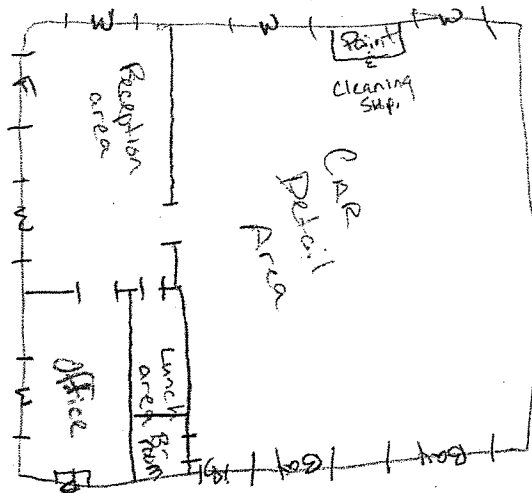
Address: 7473 Hwy 264 East

Pre-Plan #:

Name: K & B Car Store



NTS



Structure Name K & B Car Store
 Structure Address 7473 US 264 East.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
50	30	1500	38.73	697.14	1.5	1045.71	0.85	888.85

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%	222.21		0	0		888.85
19%	166.88					
14%	124.44					
9%	80.00					
75%	666.64	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 (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)

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