

PRE-INCIDENT SURVEY

2/18/12

Building Name: Martin County Community Action Survey #: 35

Street Address: 689 Flanders Fildes Road

City, State, Zip: Washington N.C. 27889

Primary Use: Day Care Construction Type: Metal Building

Possible Entry: _____

Possible Occupancy: A.M. 69 P.M. 0

Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Michelle Riffer Name: _____

Phone: 402-2859 Phone: _____

BUILDING CONSTRUCTION

Roof Type: metal Floor Construction: Cement

Roof Construction: metal

Basement Construction Type: N/A Height of Basement: _____

Number of Stories: 1 Height of Each Story: 8ft

Length: 100ft Width: 65 Height: 10ft sides

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

UTILITY TYPES

Gas: Natural Type: _____

Gas Shut Off Valve Location: FRONT of Building

Electric: Yes Left Front side Phase: _____

Panel Location: _____

Alarm Location: _____

EXPOSURES

North: _____ FT. West: _____ FT. South: _____ FT. East: _____

Type: _____ Type: _____ Type: _____ Type: _____

SUPPRESSION CRITERIA

Needed Fire Flow: _____ Total Water Supply: _____

Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS(1) Shad Bend Rd Flow: 1100 Unit: GPM(2) Other Lane Flow: 1100 Unit: GPM.

(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

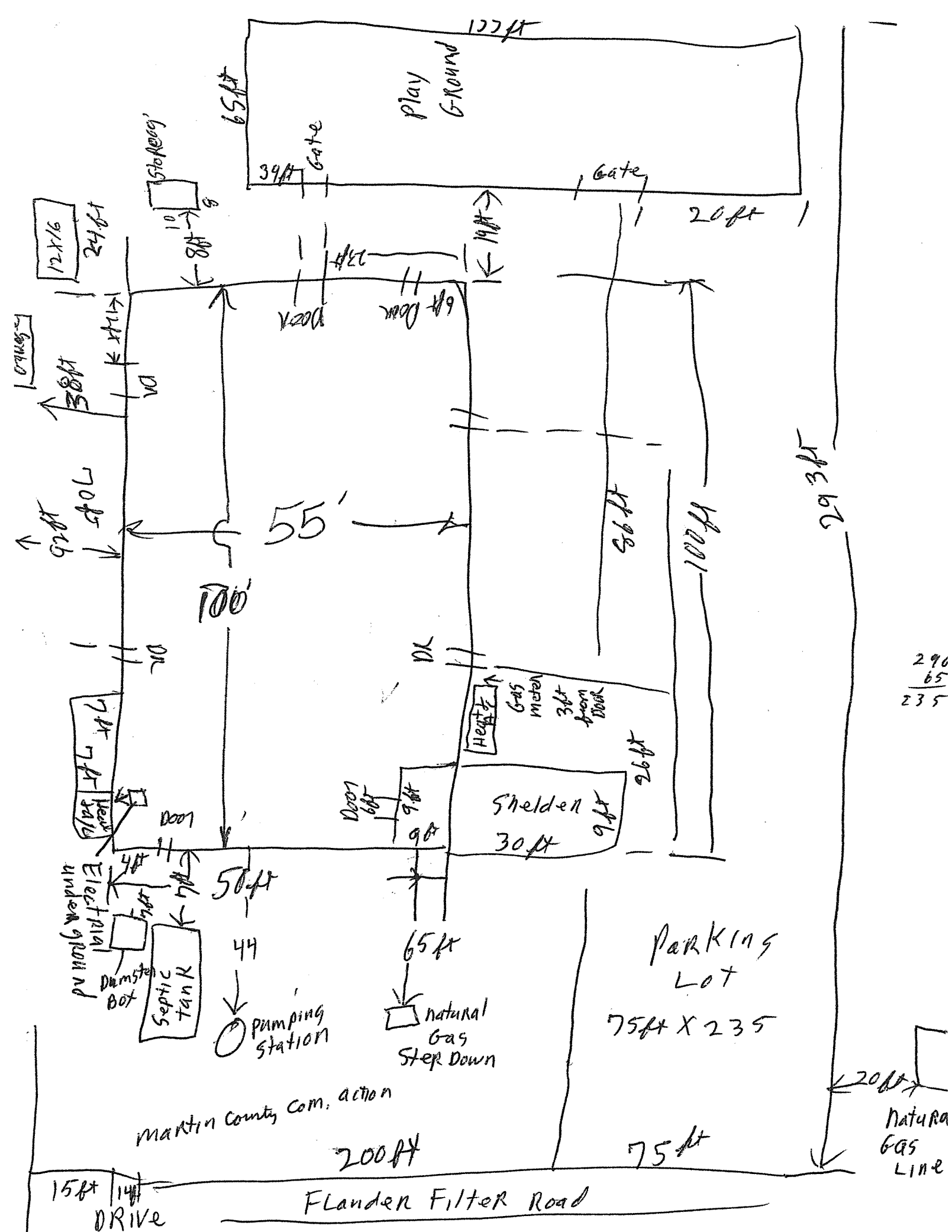
Primary: _____

Secondary: _____

MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____



Structure Name Martin County Community Action Preschool.
 Structure Address 689 Flanders Filler Rd.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	55	5500	74.16	1334.92	0.8	1067.93	0.85	907.74

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%	226.94	0	172	0	0	1160.74
19%	172.47		81			
14%	127.08					
9%	81.70					
75%	680.81	Total A, B, C, D				
	MAX	253				

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)

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
1250.00	625	0	0.00	1250.00	0
					1250.00

FIRE FLOW NEEDED
GPM
1250.00