

7506PM
2/18/12
HANDOUT #17

PRE-INCIDENT SURVEY

Building Name: Beebe Chapel EME Church Survey #: 44
Street Address: 239 Cherry Run Rd.
City, State, Zip: Washington NC 27889
Primary Use: Church Construction Type: Masonry
Possible Entry: _____
Possible Occupancy: A.M. _____ P.M. _____
Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Pastor. Name: _____
Phone: 946-5571 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Shingle Floor Construction: _____
Roof Construction: A Frame Stick
Basement Construction Type: _____ Height of Basement: _____
Number of Stories: _____ Height of Each Story: _____

Length: 60 Width: 30 Height: 1800
X50 24 1200 3000
Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: LP 2 tanks 250 gal ea Type: _____
Gas Shut Off Valve Location: _____
Electric: ✓ Phase: 1
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) Cherry Run & Latham Dr. Flow: 500 Unit: GPM(2) Cherry Run & Hwy 17 Flow: 1150 Unit: GPM

(3) _____ Flow: _____ Unit: _____

(4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) _____

(2) _____

(3) _____

SPECIAL RESOURCES

(1) _____

(2) _____

(3) _____

MUTUAL AID(1) Old Ford Assignment: _____

(2) _____ Assignment: _____

(3) _____ Assignment: _____

STAGING AREA

Primary: _____

Secondary: _____

MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____



Google earth



Structure Name Beebe Chapel CME Church
 Structure Address 239 Cherry Lane Rd.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
60	50	3000	54.77	985.90	1	985.90	0.85	838.02

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%	209.50		0	0	0	838.02
19%	159.22					
14%	117.32					
9%	75.42					
75%	628.51	Total A, B, C, D				
MAX	0					

Round off to nearest 250 GPM for flows less than 2500 GPM, the nearest 500 GPM over 2500 GPM

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

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

FIRE FLOW NEEDED GPM
750.00