

PRE-INCIDENT SURVEY

2/18/12

Building Name: Lee Bulk Barns Survey #: 37
Street Address: 1049 N. Grimesland Bridge Rd.
City, State, Zip: Washington NC 27889
Primary Use: Tobacco - Not used Now Construction Type: Stick - Pole
Possible Entry: _____
Possible Occupancy: A.M. _____ P.M. _____
Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Edward Lee Name: _____
Phone: 943-5344 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Stick Floor Construction: Att & Slab
Roof Construction: Metal & Stick
Basement Construction Type: _____ Height of Basement: _____
Number of Stories: 1 Height of Each Story: 14
Length: _____ Width: _____ Height: _____
Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: LP Type: _____
Gas Shut Off Valve Location: tank & BARNES
Electric: Yes Phase: 1
Panel Location: back middle of Barns.
Alarm Location: _____

EXPOSURES

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

SUPPRESSION CRITERIANeeded Fire Flow: 500 Total Water Supply: 500

Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS(1) Charks Nick Rd & Grimesland Br. Flow: 500 Unit: gpm(2) 1202 Grimesland Bridge Flow: 500 Unit: gpm

(3) _____ Flow: _____ Unit: _____

(4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) _____

(2) _____

(3) _____

SPECIAL RESOURCES

(1) _____

(2) _____

(3) _____

MUTUAL AID(1) Pactolus Assignment: _____(2) Grimesland Assignment: _____

(3) _____ Assignment: _____

STAGING AREAPrimary: on farm lane.

Secondary: _____

MISCELLANEOUS INFORMATIONSprinkler Connection: None.

Standpipe Connection: _____

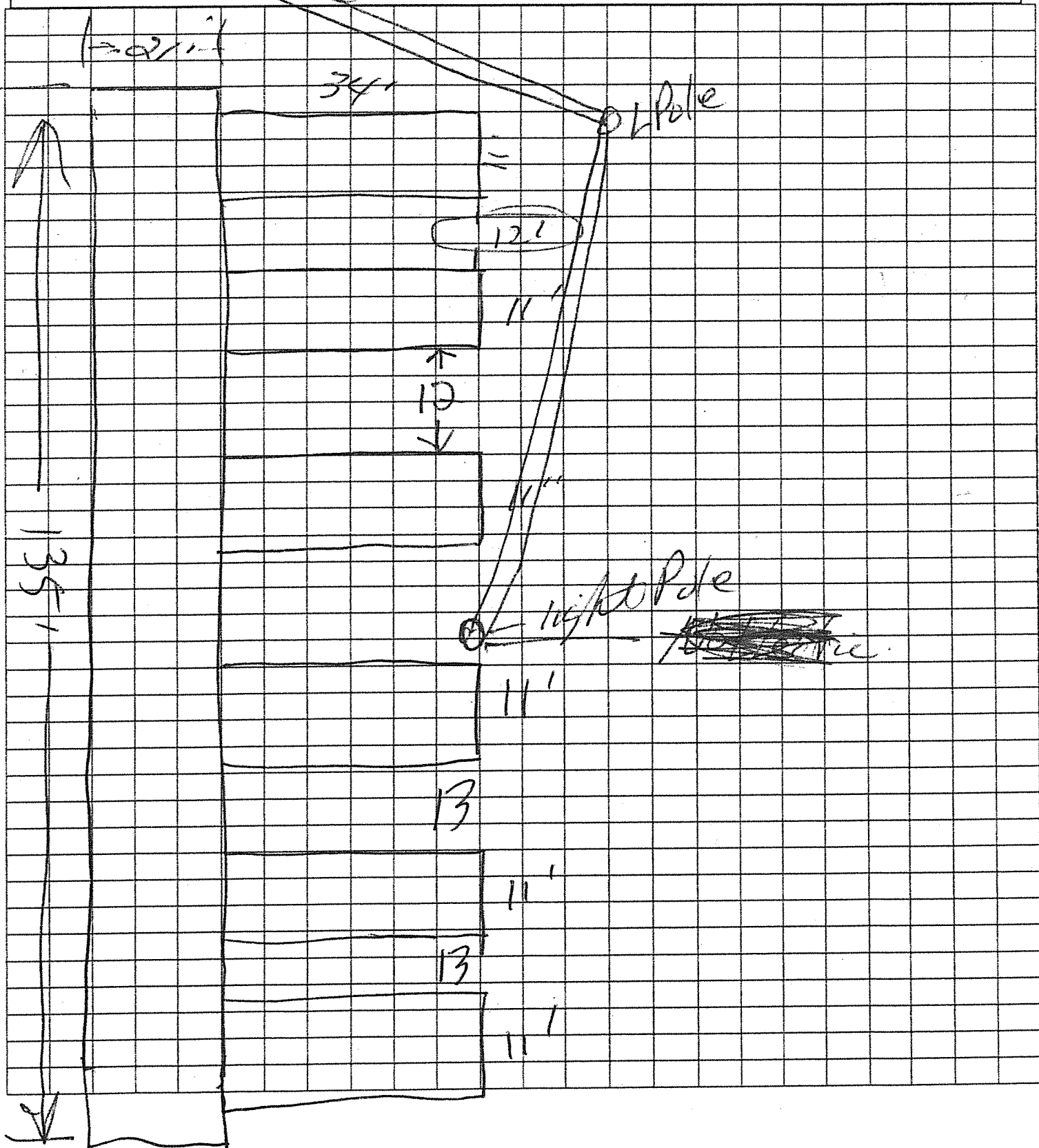


Address: 7454 US 264 E

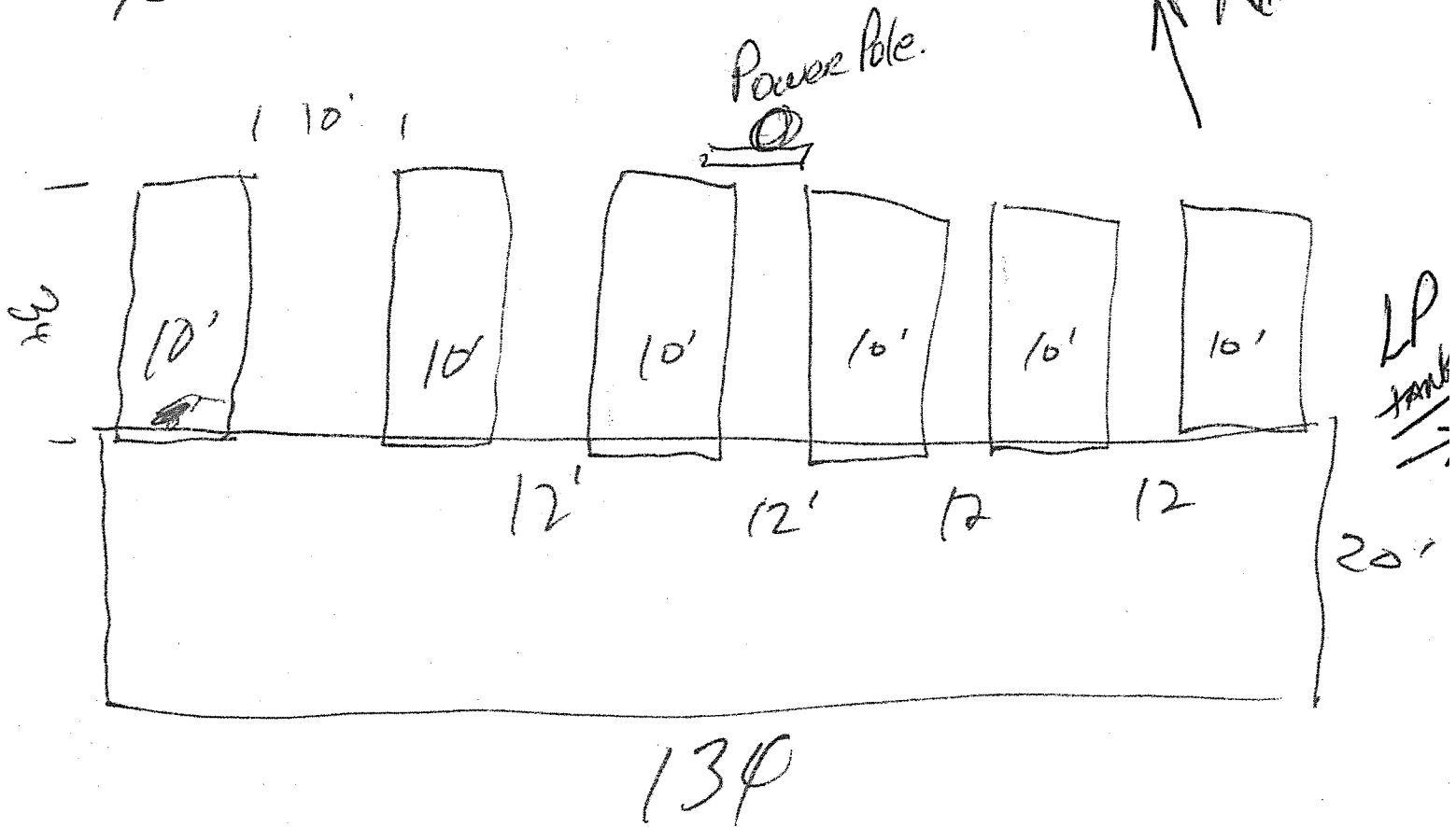
Name: Lee Bulk barns - Baker

Pre-Plan #: _____

FARM



Barns located.
Behind E. Lees house



Roadway Access
from N. Grimesland
Bridge Rd.

④ 1049 N. Grimesland Bridge Rd.

Structure Name Lee Farm Bulk Barns - ALL EXIST.
 Structure Address 1049 N. Grimesland Bridge Rd.

Barn "1-6" or "A-F"

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
34	10	340	18.44	331.90	1.5	497.86	1.15	572.53

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%	143.13	0	109	0	109	790.53
19%	108.78		0			
14%	80.15					
9%	51.53					
75%	429.40	Total A, B, C, D				
MAX	218					

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 above	Total to add for floors above	Sub-total with floors added	If wood shingles on roof add 500 GPM
790.00	375	0	0.00	750.00	0
					750.00

FIRE FLOW NEEDED GPM
750.00