

Robbie Cox  
943-7645

# PRE-INCIDENT SURVEY

HANDOUT #17

1000 GPM

3/1/12

Building Name: Mid East Flower Distributors Survey #: 95

Street Address: 111 Creekside Drive

City, State, Zip: Washington NC 27889

Primary Use: Distrib Flowers Construction Type: Non Combust

Possible Entry: Two entry doors or roll up doors

Possible Occupancy: A.M. 7:00 P.M. 4:00

Known Handicapped Personnel: N/A

## NOTIFY IN CASE OF EMERGENCY

Name: Kevin Swanner Name: James Swanner

Phone: 252-792-4233 Phone: 252-793-2625

252-217-5772-cellular

## BUILDING CONSTRUCTION

Roof Type: metal Floor Construction: Concrete

Roof Construction: metal

Basement Construction Type: No Height of Basement: None

Number of Stories: 1 Single Height of Each Story: \_\_\_\_\_

Length: 75' Width: 50' Height: 16'

Attic Area: \_\_\_\_\_ Size: L \_\_\_\_\_ X W \_\_\_\_\_ X H \_\_\_\_\_

## UTILITY TYPES

Gas: LP Type: LP Tank 500 gallons

Gas Shut Off Valve Location: AT tank

Electric: \_\_\_\_\_ Phase: 3 Phase

Panel Location: Road side of building

Alarm Location: None

## EXPOSURES

North: 94' FT. West: \_\_\_\_\_ FT. South: \_\_\_\_\_ FT. East: \_\_\_\_\_

Type: ord. Type: \_\_\_\_\_ Type: \_\_\_\_\_ Type: \_\_\_\_\_

Bakery

**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 AREA**

Primary: \_\_\_\_\_

Secondary: \_\_\_\_\_

**MISCELLANEOUS INFORMATION**Sprinkler Connection: NoneStandpipe Connection: None



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Image U.S. Geological Survey

Google earth

feet  
meters



Mid East Flower Distributors  
111 Creekside Dr.

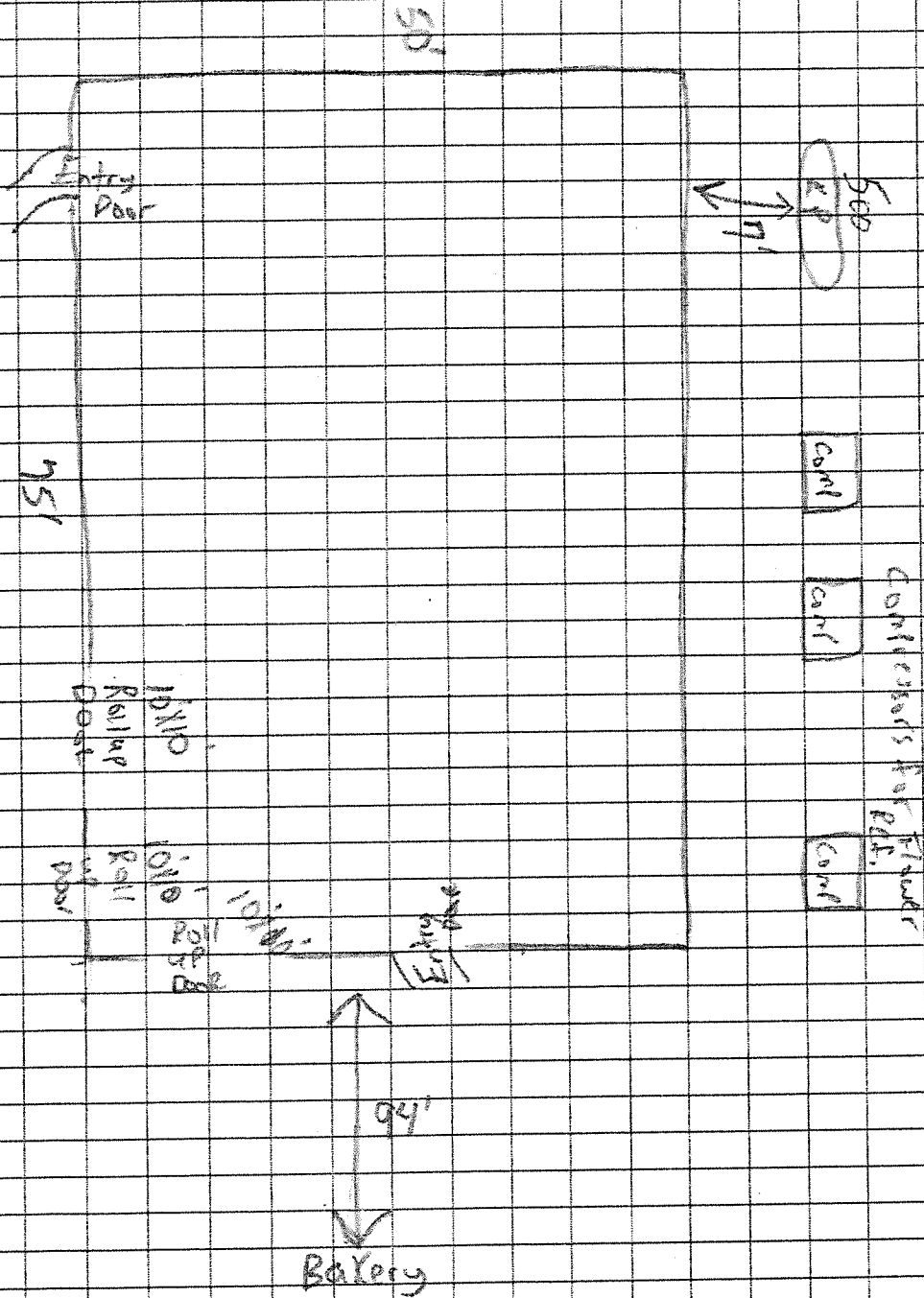




Address: 111 Creekside Drive  
Mid East Flower Distributors

Pre-Plan #: \_\_\_\_\_

Name: Mid East Flower Distributors



Structure Name Mid East Flower Distributors  
 Structure Address 111 Creekside Dr

| Length | Width | Sq Ft | Sq Root | X 18    | X construction type | GPM sum 1 | X Occupancy | GPM sum 2 |
|--------|-------|-------|---------|---------|---------------------|-----------|-------------|-----------|
| 75     | 50    | 3750  | 61.24   | 1102.27 | 0.8                 | 881.82    | 0.85        | 749.54    |

| 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%            | 187.39           |                                          | 0                                | 142                              | 67                               | 958.54                   |
| 19%            | 142.41           |                                          |                                  | 187                              |                                  |                          |
| 14%            | 104.94           |                                          |                                  |                                  |                                  |                          |
| 9%             | 67.46            |                                          |                                  |                                  |                                  |                          |
| 75%            | 562.16           | Total A, B, C, D                         |                                  |                                  |                                  |                          |
|                | MAX              | 209                                      |                                  |                                  |                                  |                          |

| 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 |
|----------------------|
| <u>1000.00</u>       |