

750 GPM
2/21/12

HANDOUT #17

PRE-INCIDENT SURVEY

Building Name: European Tooling Systems Survey #: 81
Street Address: 205 Creekside Drive
City, State, Zip: Washington NC 27889
Primary Use: Business - Distribution Construction Type: Non Combust.
Possible Entry: B side roll up door & entry door, Double glass doors on A side
Possible Occupancy: A.M. 7:30 P.M. 5:00
Known Handicapped Personnel: None

NOTIFY IN CASE OF EMERGENCY

Name: Mike Ash Name: Lucas Stuckey
Phone: 252 975-8075 Phone: 252-493-2878

BUILDING CONSTRUCTION

Roof Type: metal Floor Construction: Concrete
Roof Construction: metal
Basement Construction Type: None Height of Basement: None
Number of Stories: 1 Height of Each Story: _____
Length: 75' Width: 40' Height: 15'
Attic Area: HVAC Size: L 65 X W 20' X H 5'

UTILITY TYPES

Gas: LP Type: Gas Pack
Gas Shut Off Valve Location: West side of building
Electric: Washington Utilities Phase: Single 200 Amp
Panel Location: Warehouse B side wall near exit
Alarm Location: Bug/ua

EXPOSURES

North: _____ FT. West: 20 FT. South: _____ FT. East: _____
Type: _____ Type: LP Tank Type: _____ Type: _____

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: _____

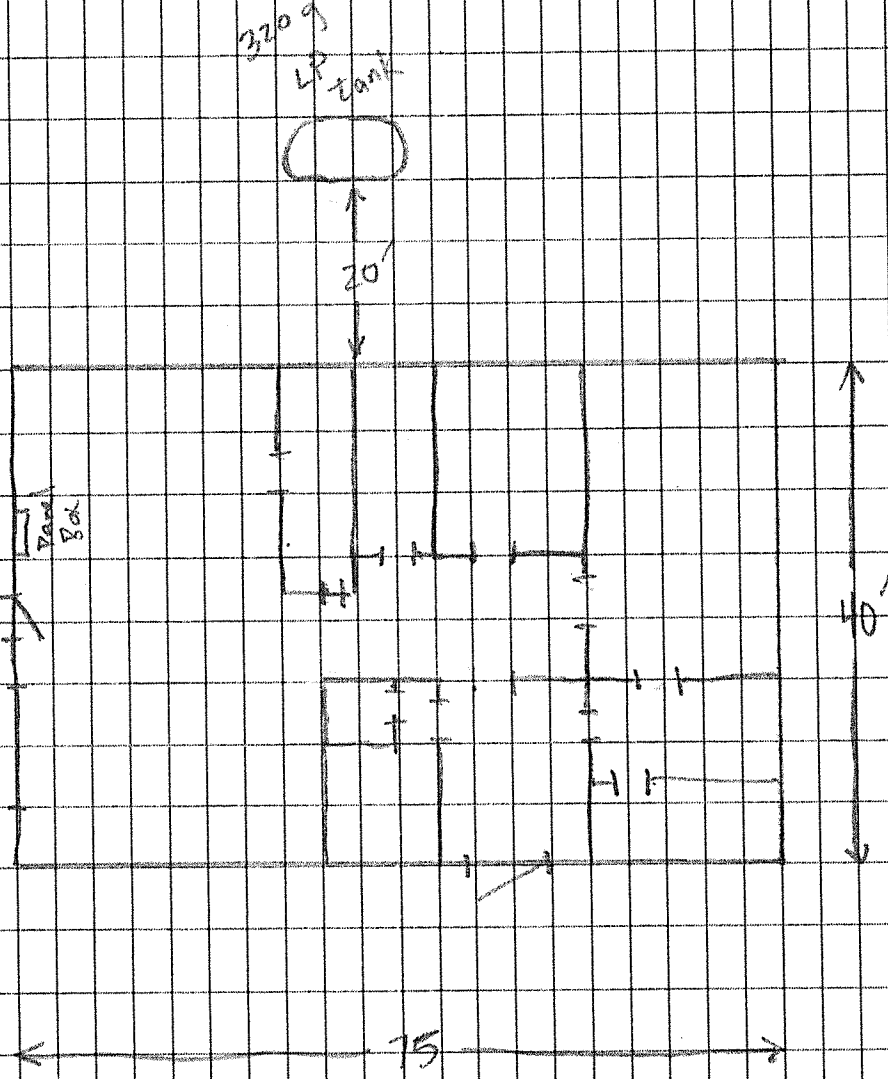
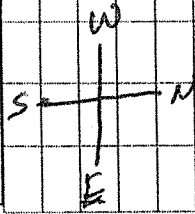
Standpipe Connection: _____

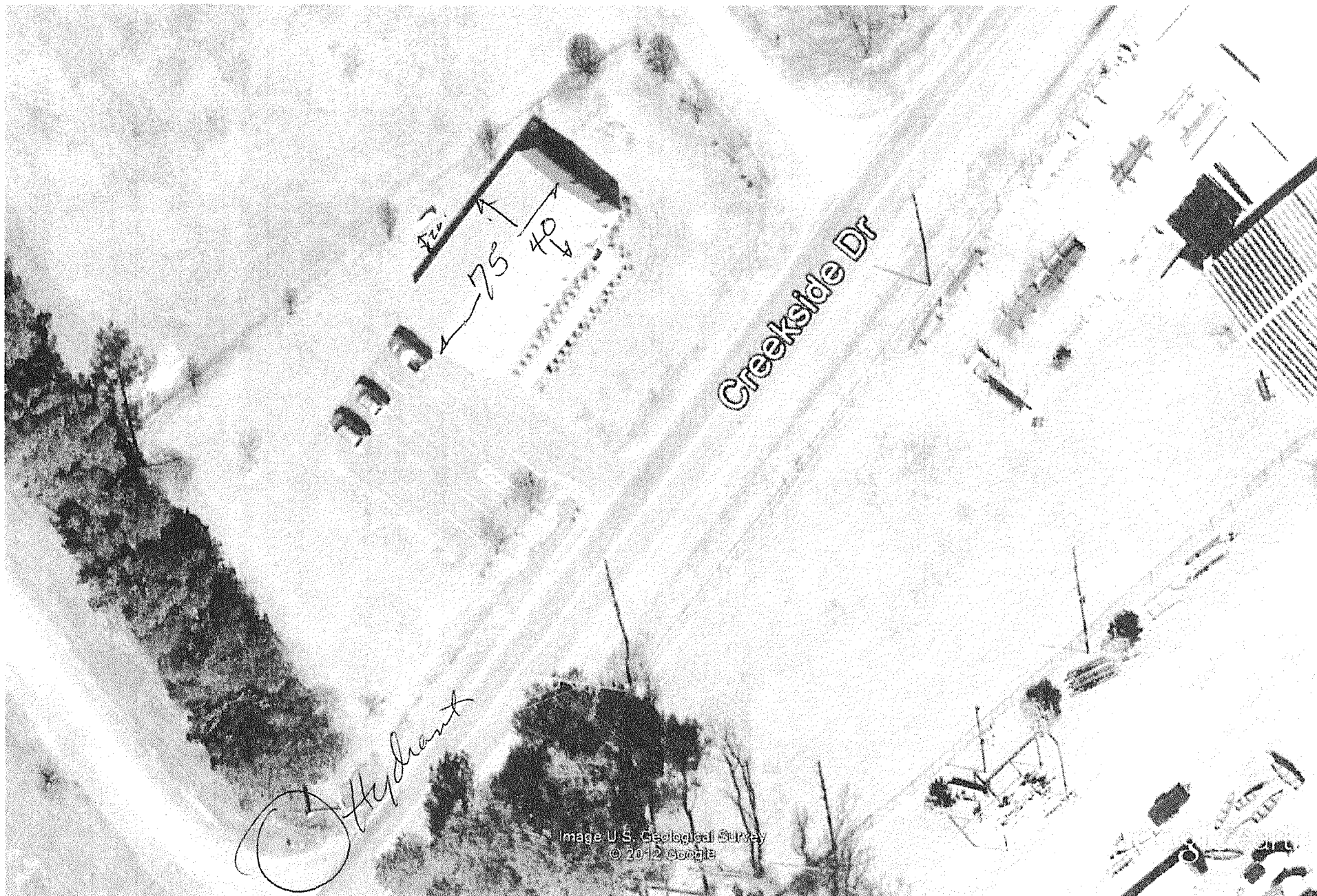


Address: 205 Creekside Drive

Name: European Tooling Systems

Pre-Plan #:





Google earth

feet
meters

300

90

European Tooling Systems
205 Creekside Drive.



Structure Name European Tooling Systems
 Structure Address 205 Creekside Dr.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
75	40	3000	54.77	985.90	0.8	788.72	0.85	670.41

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)

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%	167.60		0	127		797.41
19%	127.38					
14%	93.86					
9%	60.34					
75%	502.81	Total A, B, C, D				
	MAX	127				

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
750.00	375	0	0.00	750.00	0 750.00

FIRE FLOW NEEDED
GPM
750.00