

PRE-INCIDENT SURVEY

2/22/12

Building Name: Optimum Filtration Survey #: 56

Street Address: 2405 W 5th St.

City, State, Zip: _____

Primary Use: OFFICE Construction Type: Masonry Block

Possible Entry: _____

Possible Occupancy: A.M. 2 P.M. 2

Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: _____ Name: _____

Phone: 946-2661 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Shingle Floor Construction: Slab

Roof Construction: Wood joist

Basement Construction Type: _____ Height of Basement: _____

Number of Stories: 1 Height of Each Story: _____

Length: 36 Width: 26 Height: _____

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

UTILITY TYPES

Gas: _____ Type: _____

Gas Shut Off Valve Location: _____

Electric: Washington Utilities 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) _____ 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

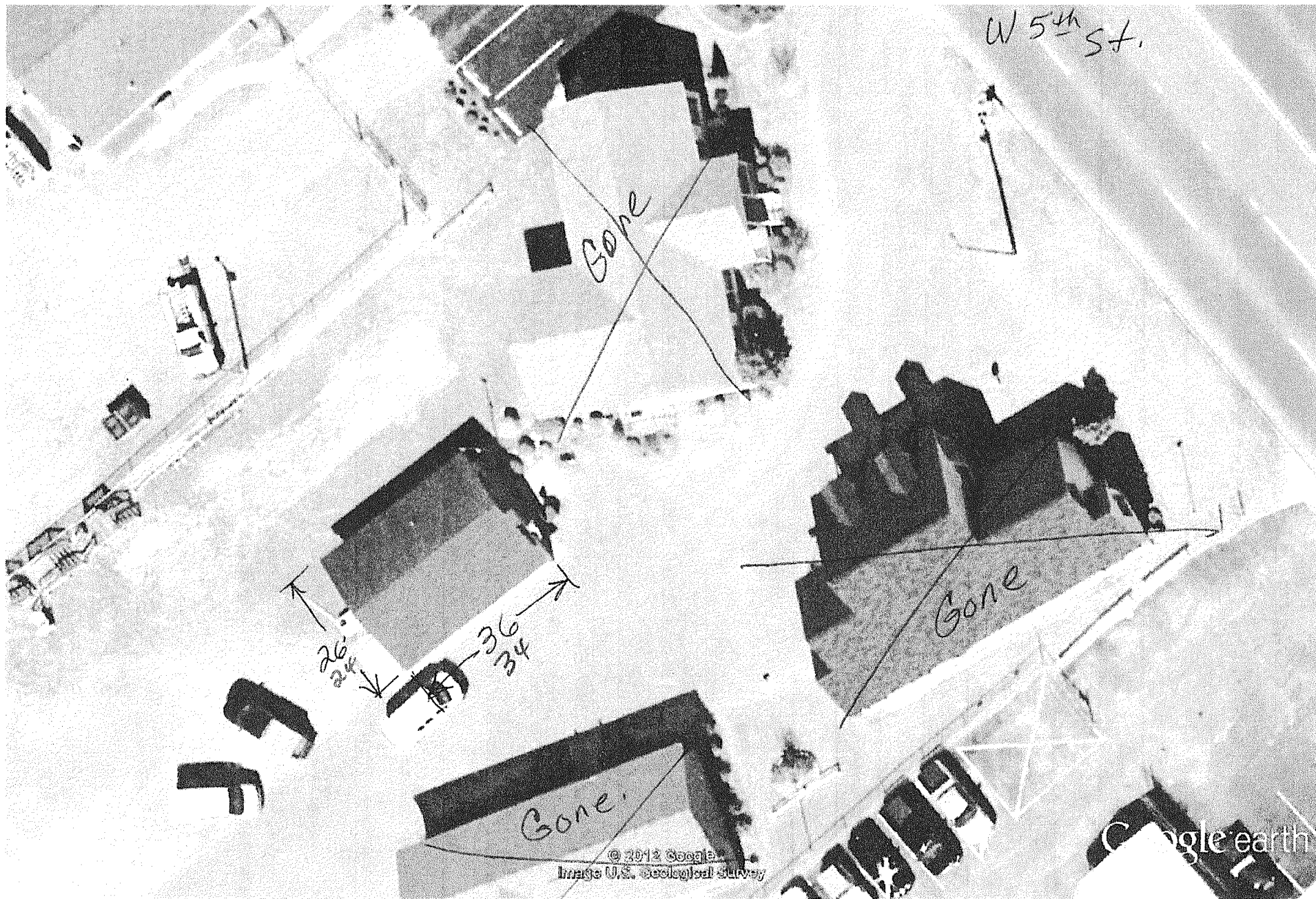
Primary: _____

Secondary: _____

MISCELLANEOUS INFORMATION

Sprinkler Connection: _____

Standpipe Connection: _____



Google earth



Optimum Filtration 2405 W 5th St.

Structure Name Optimum Filtration - office only.

Structure Address 2405 W 5th St.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
34	24	816	28.57	514.18	0.8	411.35	1	411.35

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)

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%	102.84	0	0	0	0	411.35
19%	78.16				0	
14%	57.59					
9%	37.02					
75%	308.51	Total A, B, C, D				
MAX	0	Column J, K, L and M				

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

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
500.00	250	0	0.00	500.00	0 500.00

FIRE FLOW NEEDED
GPM
500.00