

PRE-INCIDENT SURVEY

Building Name: C-T. Manufacturing Survey #: 92
Street Address: 152 P & G Lane
City, State, Zip: Washington
Primary Use: Fabrication of Metal Construction Type: Metal Fab Shop, ^{Ordinary} office
Possible Entry: _____
Possible Occupancy: A.M. 8 P.M. 5
Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Charlie Allgood Name: _____
Phone: 975-0111 Phone: _____

BUILDING CONSTRUCTION

Roof Type: Metal on shop, Shingle Floor Construction: Slabs both
Roof Construction: Metal ^{Shop} & ^{on office} truss (wood) office
Basement Construction Type: _____ Height of Basement: _____
Number of Stories: 1 Height of Each Story: 1
Shop Length: 70 Width: 40 Height: _____
Office 30 24
Attic Area: _____ Size: L _____ X W _____ X H _____

UTILITY TYPES

Gas: T. Counter Type: LP
Gas Shut Off Valve Location: @ Tank
Electric: City of Wash Phase: 3
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: _____

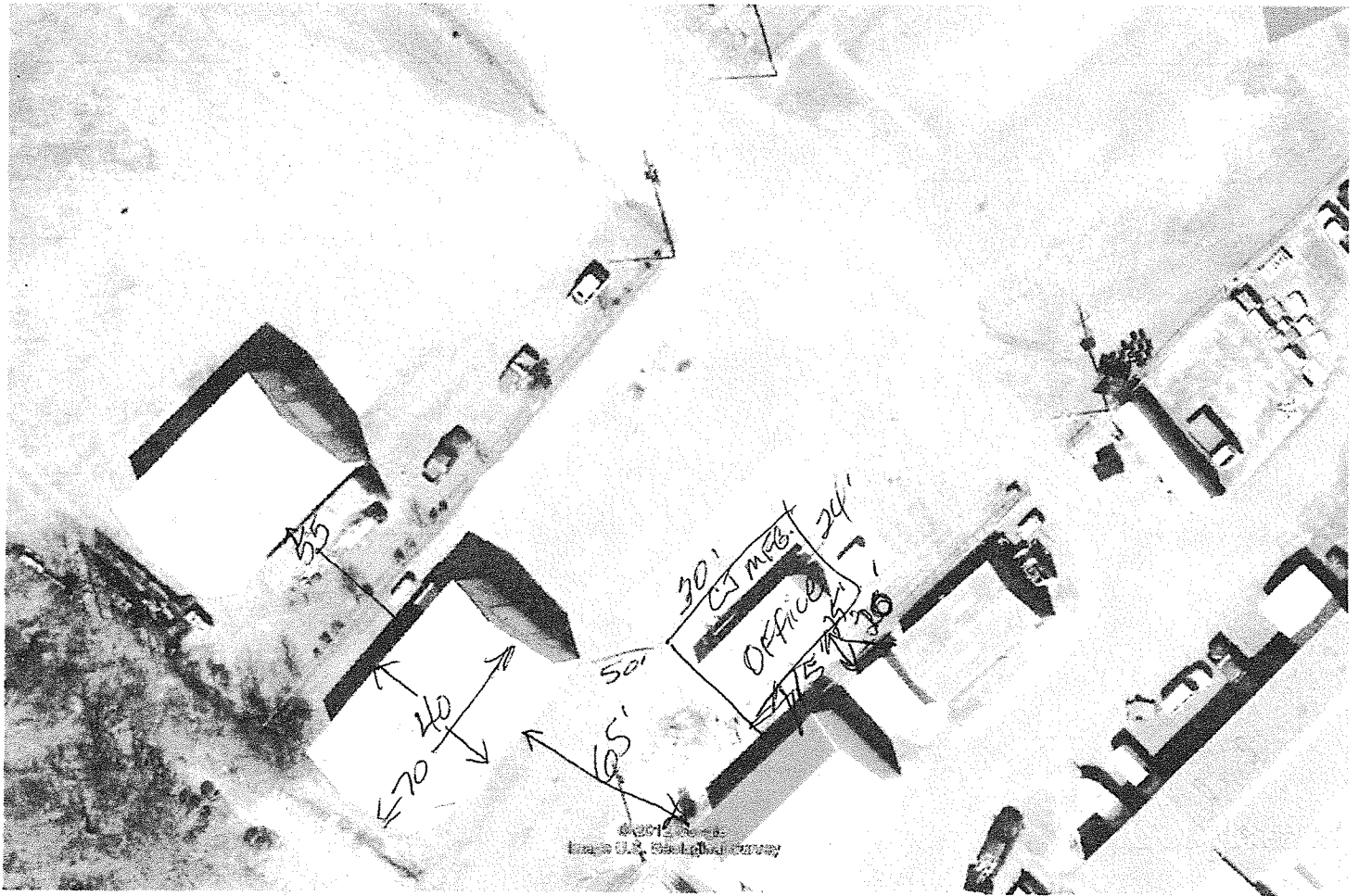
STAGING AREA

Primary: _____

Secondary: _____

MISCELLANEOUS INFORMATIONSprinkler Connection: N/A.

Standpipe Connection: _____



Google earth

feet 200
meters 60



CJ Manufacturing
152 P & G Lane.

975-0111

31

CJ Manufacturing
152 P & G Lane
975-0111

Structure Name C J Manufacturing - FAB Shop.
 Structure Address 152 P4G Lane

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
70	40	2800	52.92	952.47	0.8	761.98	0.85	647.68

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%	161.92		90	0	90	917.68
19%	123.06		90			
14%	90.68					
9%	58.29					
75%	485.76	Total A, B, C, D				
	MAX	270				

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)

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>

Structure Name CJ Manufacturing - Office

Structure Address 152 P+G Lane.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
30	24	720	26.83	482.99	1.5	724.49	1	724.49

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%	181.12		138	101	0	1239.49
19%	137.65		138			
14%	101.43		138			
9%	65.20					
75%	543.36	Total A, B, C, D				
	MAX	515	Column J, K, L and M			

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)
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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
1250.00	625	0	0.00	1250.00	0
					1250.00

FIRE FLOW NEEDED
GPM
1250.00