

PRE-INCIDENT SURVEY

Bldg 1 1750 GPM
HANDOUT #17
Bldg 2 750 GPM
Bldg 3 1500 GPM

Building Name: Frischkorn Inc. Survey #: 62

Street Address: 600 Tranters Creek Dr.

City, State, Zip: _____

Primary Use: Distributor of Piping Construction Type: Metal

Possible Entry: _____

Possible Occupancy: A.M. 19 P.M. 19 8-5

Known Handicapped Personnel: _____

NOTIFY IN CASE OF EMERGENCY

Name: Oscar Woolard Name: Marty Hodges

Phone: 945-1993 Phone: 945-2619
946-8071

BUILDING CONSTRUCTION

Roof Type: Metal Floor Construction: Slab

Roof Construction: Metal

Basement Construction Type: _____ Height of Basement: _____

Number of Stories: 1 Height of Each Story: _____

Length: _____ Width: _____ Height: _____

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

UTILITY TYPES

Gas: Piedmont - Type: Natural

Gas Shut Off Valve Location: North side at edge of skelton

Electric: Warehouse Utility Phase: 3
North Side East of
Warehouse entrance

Panel Location: S

Alarm Location: _____

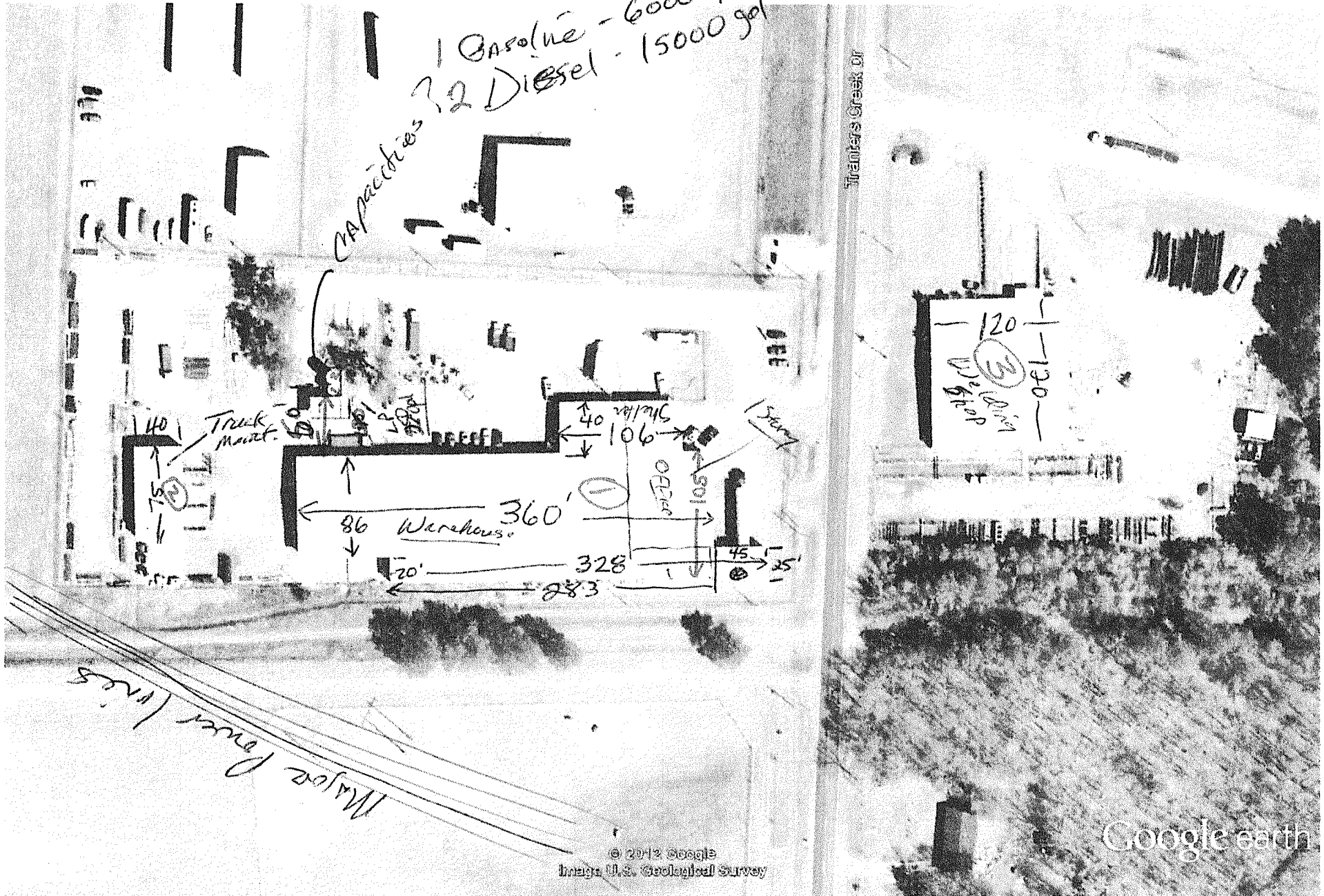
EXPOSURES

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

Type: _____ Type: _____ Type: _____ Type: _____

3 drums MEK

3 drums 55 gal ea MEK
 1 Gasoline - 6000 gal
 2 Diesel - 15000 gal
 Capacities

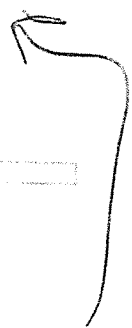


FrischKorn Inc. 600 Tranters Creek Dr.

Yes

Not
used

Offices



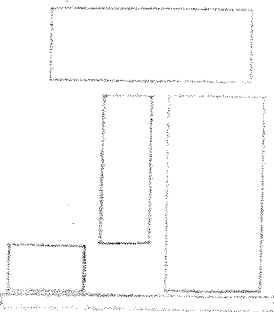
Front Door

SBS meeting
room





Warehouse
Fabrication Shop



Not
used,

Op



YOU ARE HERE

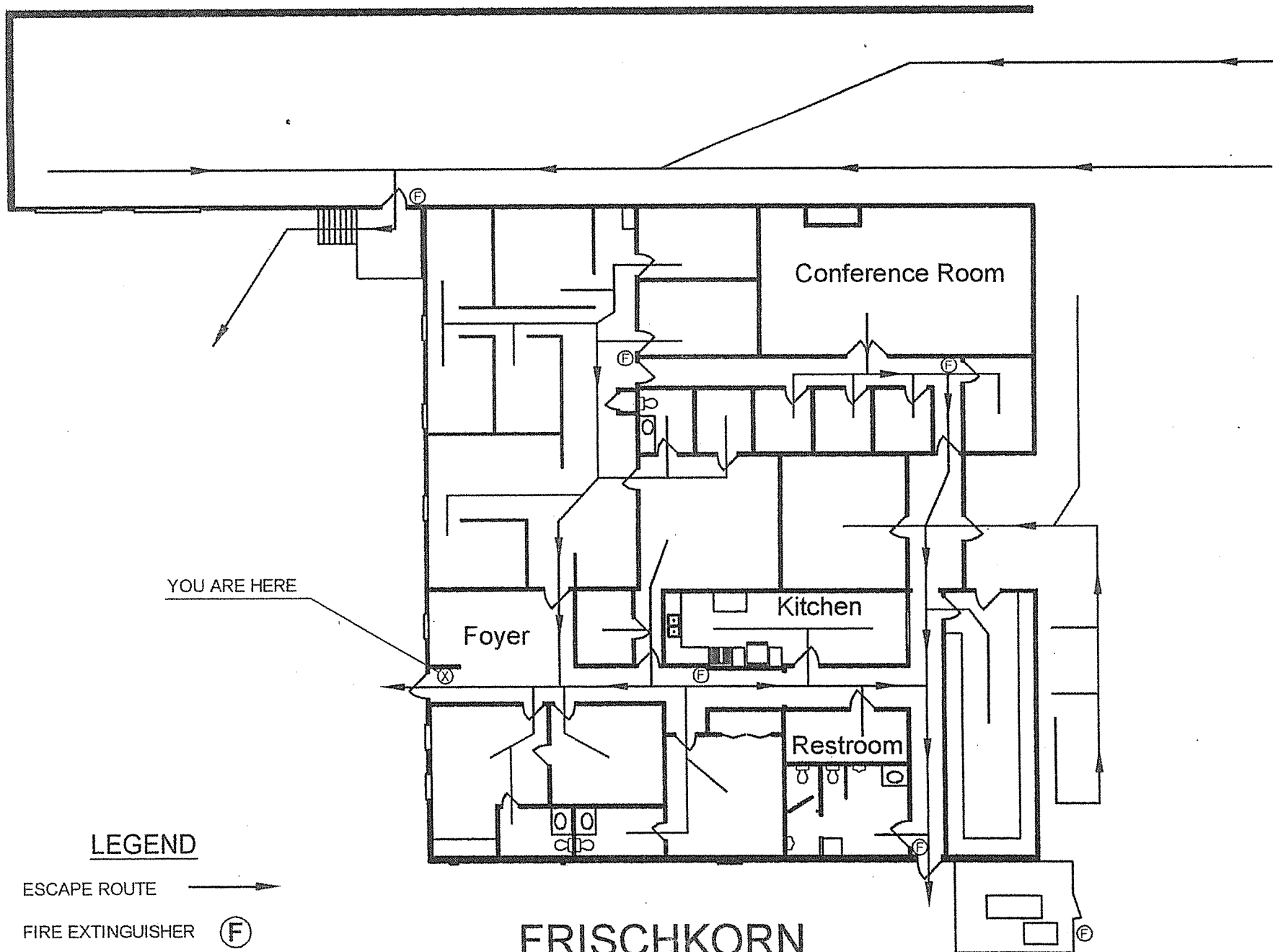
LEGEND

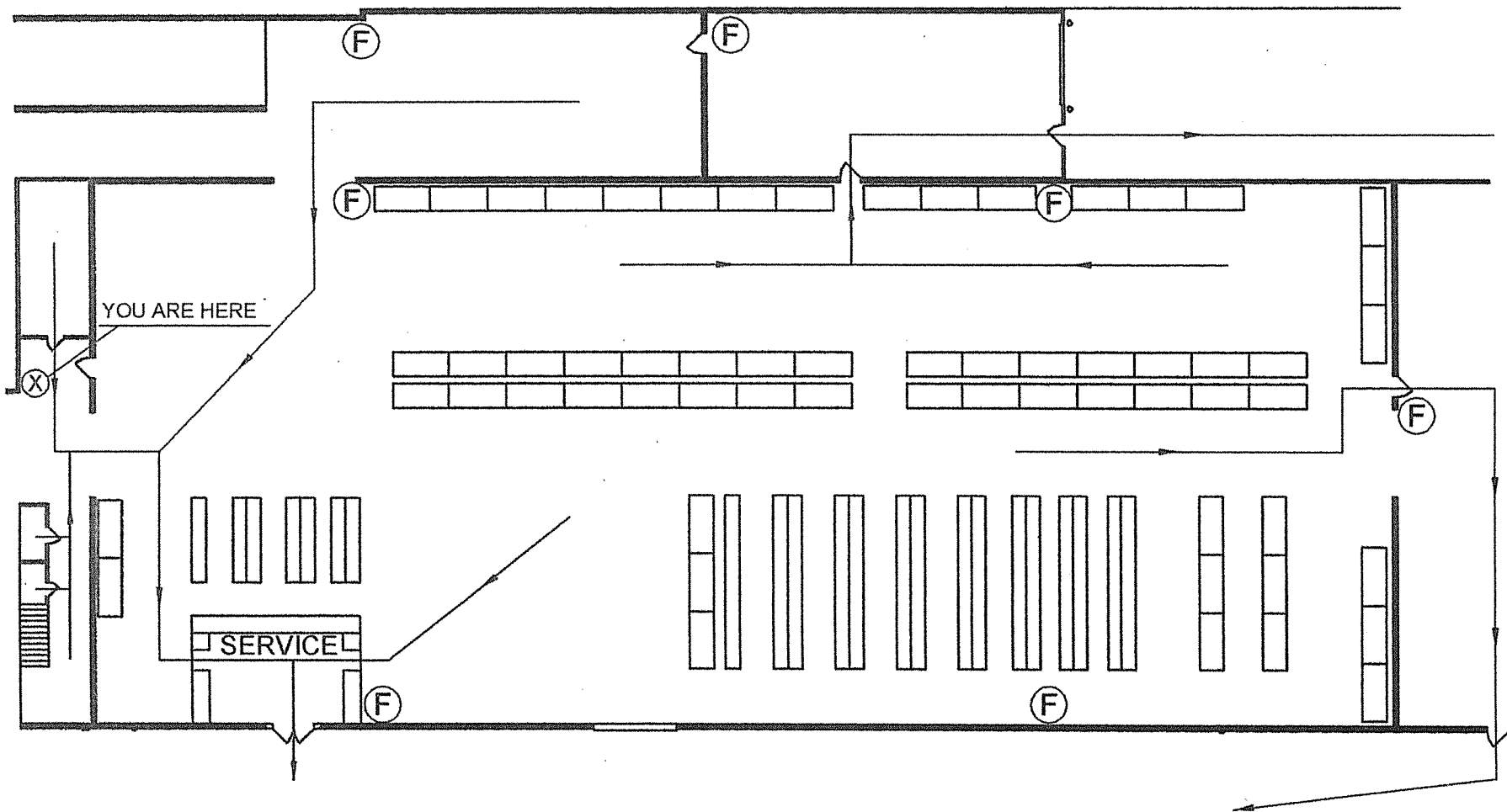
ESCAPE ROUTE →

FIRE EXTINGUISHER (F)

YOU ARE HERE (X)

FRISCHKORN OFFICE COMPLEX FIRE ESCAPE PLAN





LEGEND

ESCAPE ROUTE →

FIRE EXTINGUISHER (F)

YOU ARE HERE (X)

FRISCHKORN
 SERVICE WAREHOUSE
 FIRE ESCAPE PLAN

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: _____

Structure Name Frischkorn Inc. Bldg. 1 Main Office
 Structure Address 600 Tranters Creek Dr. |

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
360	104.9	37746	194.28	3497.10	0.6	2098.26	0.75	#####

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%	393.42	0	0	0	220	1793.69
19%	299.00				0	
14%	220.32					
9%	141.63					
75%	1180.27	Total A, B, C, D				
	MAX	220				

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
1750.00	875	0	0.00	1750.00	0 1750.00

FIRE FLOW NEEDED GPM
<u>1750.00</u>

Structure Name

Structure Address

Frischkorn Bldg 2 - Shop

600 Tranters Creek 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

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	0	0	0	670.41
19%	127.38				0	
14%	93.86					
9%	60.34					
75%	502.81	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 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)

**FIRE FLOW NEEDED
GPM**

750.00

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

Structure Name Frischkorn Bldg 3
 Structure Address 600 Tranters Creek DR.

FAB
Shop.
Across
Road.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
120	120	14400	120.00	2160.00	0.8	1728.00	0.85	#####

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%	367.20	0	0	0	0	1468.80
19%	279.07					0
14%	205.63					
9%	132.19					
75%	1101.60	Total A, B, C, D				
	MAX	0				

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
1500.00	750	0	0.00	1500.00	0
					1500.00

FIRE FLOW NEEDED GPM
<u>1500.00</u>