

Bldg A - 2000
Oldg D - 1000

Bldg - B 2500
Bldg - C 1750
HANDOUT #17

PRE-INCIDENT SURVEY

2/22/12

Building Name: Fountain Performance Marine Survey #: 47

Street Address: 5845 US 264 W

City, State, Zip: _____

Primary Use: Performance improvement Construction Type: Metal

Possible Entry: _____

Possible Occupancy: A.M. _____ P.M. _____

Known Handicapped Personnel: _____

Bldg A+B - Reggie Fountain + Wyatt Fountain.

NOTIFY IN CASE OF EMERGENCY

Bldg C Joey Griffin

Name: _____

Name: Chris Bowers

Phone: 943-9051

Phone: 945 0011

BUILDING CONSTRUCTION

Roof Type: Metal Floor Construction: Slabs

Roof Construction: Metal

Basement Construction Type: _____ Height of Basement: _____

Number of Stories: 1 Height of Each Story: _____

3 bldgs. Length: See Map. Width: _____ Height: _____

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

UTILITY TYPES

Elect
Gas: Washington Utilities Type: 3 ph.

Gas Shut Off Valve Location: @ tanks.

Gas
Electric: L.P. tanks Phase: _____

Panel Location: _____

Alarm Location: _____

See Map.

EXPOSURES

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

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

SUPPRESSION CRITERIA

Needed Fire Flow: 2500 worst case Total Water Supply: _____

Fuel Load: _____ Rate of Flow: _____

HYDRANT LOCATIONS

(1) Officer Ln #264 2180' Flow: 1000 Unit: _____
 (2) Wharton St. Rd. #264 2600 Flow: 1000 Unit: _____
 (3) _____ Flow: _____ Unit: _____
 (4) _____ Flow: _____ Unit: _____

OTHER WATER RESOURCES

(1) Tankers
 (2) _____
 (3) _____

SPECIAL RESOURCES

(1) _____
 (2) _____
 (3) _____

MUTUAL AID

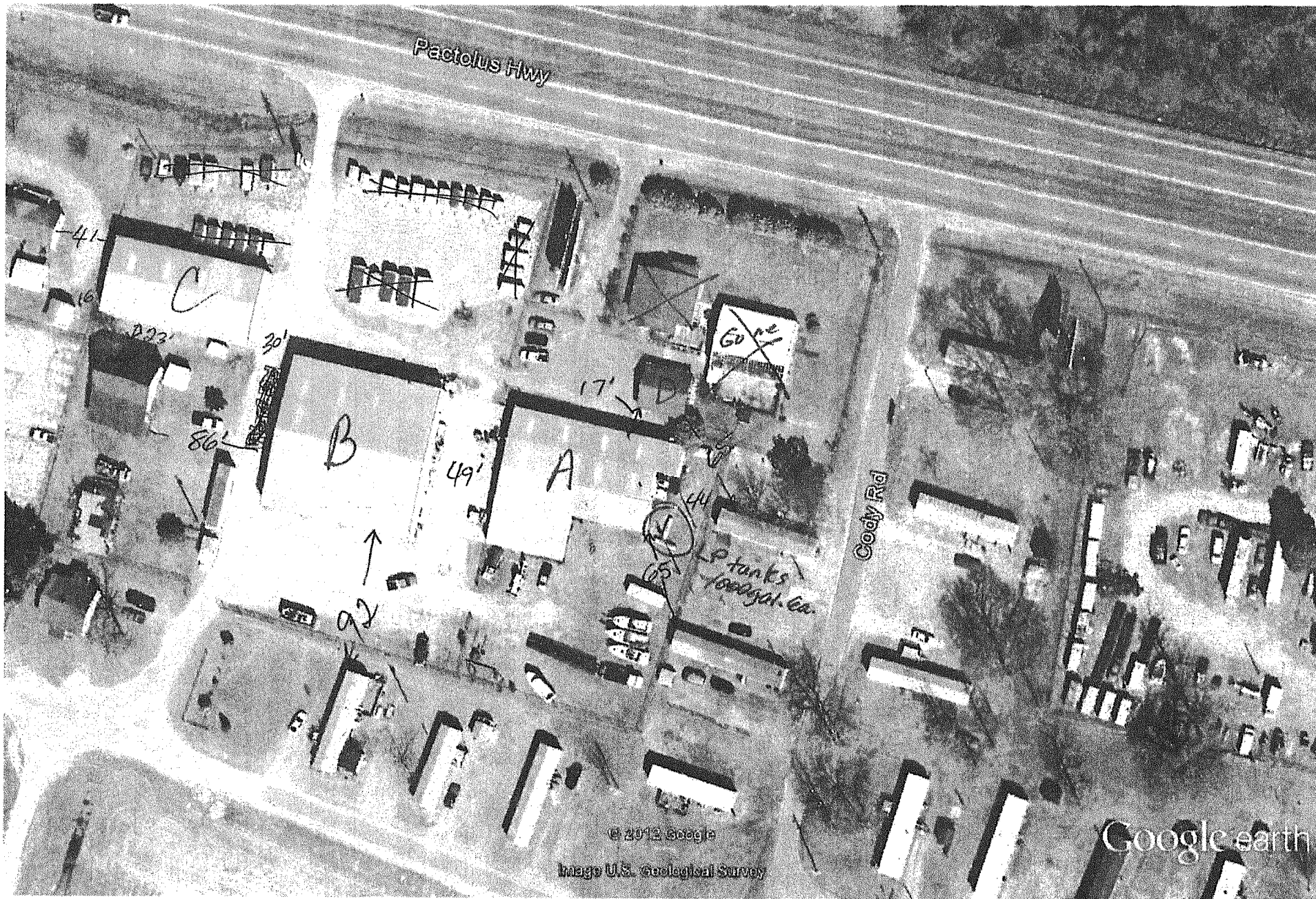
(1) Old Ford Assignment: Tanker / Hydrant Fill
 (2) Grinstead Assignment: Tanker / Assist @ site
 (3) Boz Allen Assignment: Tanker Hydrant fill

STAGING AREA

Primary: Herring Creek Rd.
 Secondary: Buddy's Garage 2

MISCELLANEOUS INFORMATION

Sprinkler Connection: N/A
 Standpipe Connection: _____



Google earth

feet
meters

100 500

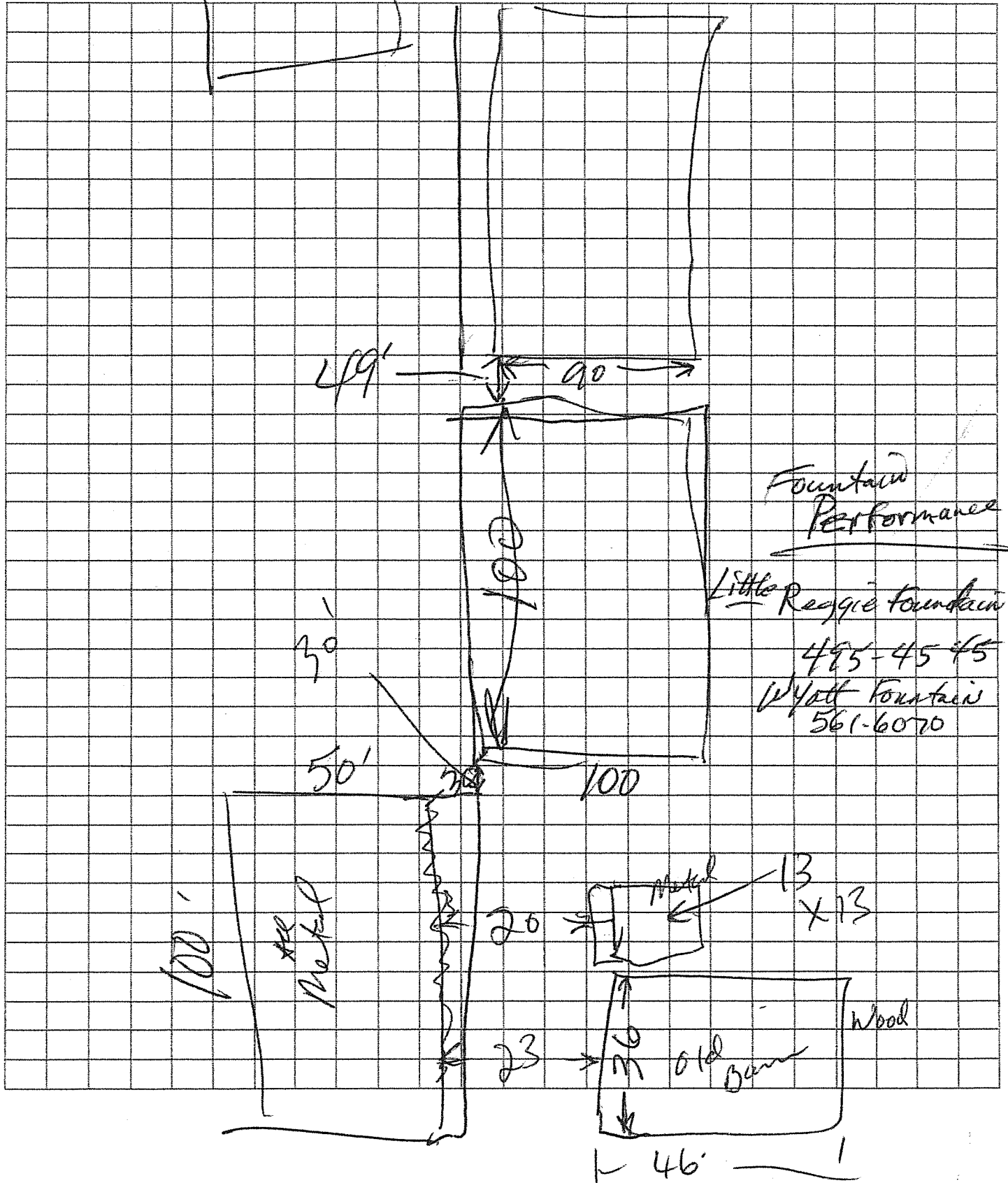
Fountain Performance Marine
5845 US 264 W

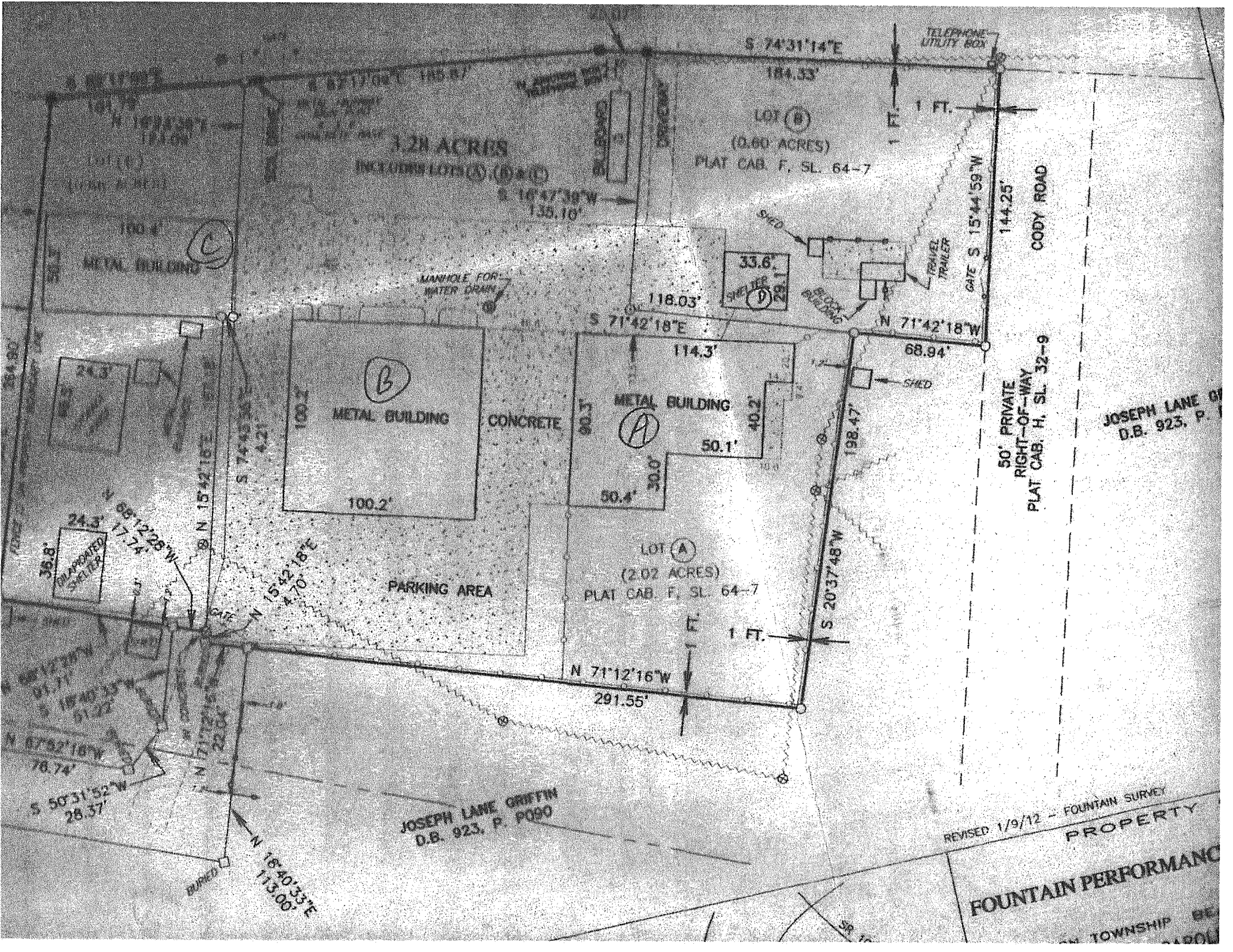


Address: _____

Name: _____

Pre-Plan #: _____





Structure Name Fountain Performance Marine - Fountain's Shop - Bldg "B"

Structure Address 5845 US 264 W.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	100	10000	100.00	1800.00	0.8	1440.00	1.15	1656.00

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%	414.00	0	232	149	315	2501.00
19%	314.64	0	0	0	149	
14%	231.84		0			
9%	149.04					
75%	1242.00	Total A, B, C, D				
	MAX	845				

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
2500.00	1250	0	0.00	2500.00	0
					2500.00

FIRE FLOW NEEDED
GPM
2500.00

Structure Name Fountain Performance Marine - Joey's Shop - Bldg "A"
 Structure Address 5845 US 264 W

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
114	68.25	7779.9	88.20	1587.67	0.8	1270.14	0.85	1079.62

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%	269.90	205	151	151	151	2007.62
19%	205.13	0	270	0	0	
14%	151.15		0			
9%	97.17					
75%	809.71	Total A B C D				
	MAX	928				

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
2000.00	1000	0	0.00	2000.00	0
					2000.00

FIRE FLOW NEEDED
GPM
2000.00

Structure Name Fountain Performance Marine - Fountain Storage.

Structure Address 5845 US 264 W - Bldg C

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
100	50	5000	70.71	1272.79	0.8	1018.23	1	#####

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%	254.56	193	193	254	142	1800.23
19%	193.46					
14%	142.55					
9%	91.64					
75%	763.68	Total A, B, C, D				
	MAX	782				

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
1750.00

Structure Name Fountain Performance Marine - OFFICE - Bldg "D"

Structure Address 5845 US 264 W.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
34	30	1020	31.94	574.87	1.5	862.31	0.85	732.96

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%	183.24	0	0	66	139	937.86
19%	139.26	0	0	0	0	
14%	102.61		0			
9%	65.97					
75%	549.72	Total A, B, C, D				
	MAX	205				

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 (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

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
1000.00