



# Clarks Neck Volunteer Fire Department

## Pre-Incident Plan Data Sheet

County: Pitt or Beaufort

1000 gpm  
0007

Date of Inspection: April 17, 2010 Committee Officer: Ada Evans

Committee Members: Jim Evans, Randy Jones

### Location Information

Street Address: 6038 Clarks Neck Rd. Nearest Cross Street: Marva Drive

Facility / Business Name: Clarks Neck Kennel Riverside Pet Resort

Facility Phone Number: (975-5800) 975-5810

Business Owner: Mail Stozzo Phone Number: ( ) Mobile Number: ( 623-9980 )

Amanda + Mike Broadwell

### Operating Information and Access

Emergency contacts and titles with phone numbers:

Name: Same Title: Contact Number:

Name: Title: Contact Number:

\* If more room is required for emergency contacts, please use the back of this form.

Operating hours: Open: 7am Closed: 6:00pm (M-F), Sat. 8-4, Sun 3-4

Primary access: Front door entrance

Side 1 for plan purposes:

Key box: ☐ Yes ☒ No Key box location:

Exterior access concerns: ☐ Yes ☒ No Locations:

Obstructions to aerials: ☐ Yes ☒ No Locations:

Exterior door concerns: ☐ Yes ☒ No Locations:

Interior roof access: ☐ Yes ☒ No Locations:

### Occupancy

Overall occupancy: 3-4 employees, est. 40 animals

High fire load: ☐ Yes ☒ No Locations:

Life safety concerns:

Evacuation assembly plan: ☐ Yes ☒ No Assembly point location:



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### Hazards

Trash and waste hazards: \_\_\_\_\_

Incinerator or compactor inside: \_\_\_ Yes ☒ No Locations: \_\_\_\_\_

Incinerator or compactor chutes: \_\_\_ Yes ☒ No Locations: \_\_\_\_\_

Chutes sprinkled: \_\_\_ Yes ☒ No

Outside compactors or dumpsters: ☒ Yes \_\_\_ No Locations: Side D, approx 75' from building

Compactors or dumpsters attached or exposed to the interior: \_\_\_ Yes ☒ No

Hazardous Materials present: \_\_\_ Yes ☒ No

Location of MSDS sheets: \_\_\_\_\_

Hazardous Material inventory attached: \_\_\_ Yes \_\_\_ No

Location for use in emergency: \_\_\_\_\_

Materials reactive with air, water, or other materials present: \_\_\_ Yes ☒ No

Type of materials: \_\_\_\_\_

Typical location: \_\_\_\_\_

Radioactive materials present: \_\_\_ Yes ☒ No

Typical location: \_\_\_\_\_

Process hazards present: \_\_\_ Yes ☒ No

Typical location: \_\_\_\_\_

### Construction

Number of stories: 1 Number of basements / full or partial: 0

Length: \_\_\_\_\_ Width: \_\_\_\_\_ Height: \_\_\_\_\_ of each floor.

*\* If more room is required for clarification of each floor, please use the back of this form.*

Penthouse: Yes \_\_\_ No ☒ Occupancy: \_\_\_\_\_

Roof covering: Tile (clay, cement, slate, etc.): ☐; Wood Shingles (treated / untreated): ☐; Metal: ☒;  
Composite Shingle (asphalt): ☐; Built Up: ☐; No Roof: ☐; other: \_\_\_\_\_

Roof construction: Metal sheeting Trusses: \_\_\_ Yes ☒ No

Floor construction: Concrete Trusses: \_\_\_ Yes ☒ No



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### Construction (continued)

Wall construction: Conventional wood stud

Construction type: Fire Resistive: ☒ Unprotected Non-Combustible: ☐ Protected Ordinary: ☐ Protected Wood Frame: ☐  
Heavy Timber: ☐ Protected Non-Combustible: ☐ Unprotected Ordinary: ☐ Unprotected Wood Frame: ☐

Combustible concealed spaces: ☐ Yes ☒ No Location: \_\_\_\_\_

Interior fire barriers and walls: ☐ Yes ☒ No Locations: \_\_\_\_\_

Wall penetrations: ☐ Yes ☒ No Locations: \_\_\_\_\_

Openings protected by: ☒ Doors ☐ Shutters ☐ Sprinklers ☒ No protection

Interior stairs: ☒ Number: \_\_\_\_\_ Location: \_\_\_\_\_

Obstruction to stairways: \_\_\_\_\_

Elevators: Number: \_\_\_\_\_ Location: \_\_\_\_\_

Area served – full or partial: \_\_\_\_\_

Fire service mode: ☐ Yes ☐ No Elevator key location: \_\_\_\_\_

Elevator controls location: \_\_\_\_\_

Unprotected vertical openings: ☐ Yes ☐ No Type and Locations: \_\_\_\_\_

### Water Supply

Primary water supply: \_\_\_\_\_

Test results: Location: \_\_\_\_\_ Date: \_\_\_\_\_

Static pressure: \_\_\_\_\_ Residual pressure: \_\_\_\_\_ Flow rate: \_\_\_\_\_

### Alternate supplies:

Private supply: ☒ Yes ☐ No Type: ☐ Gravity tank; ☐ Other tank; ☐ Cistern; ☒ Reservoir; ☐ Process system;

☐ Other: (16' deep pond)

Fire Pump: ☐ Yes ☒ No Supplied by: ☐ Public supply; ☐ Private supply

Start-up: ☐ Automatic ☐ Manual Number of pumps: \_\_\_\_\_



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County: Pitt or Beaufort

## Water Supply (continued)

Location of pumps: \_\_\_\_\_

On-site hydrants: \_\_\_\_ Yes ☒ No Supplied by: ☐ Public supply; ☐ Private supply

Size of outlets and threads: \_\_\_\_\_

Location of hydrants: \_\_\_\_\_

\_\_\_\_\_

Hydrant Flow Rate(s):

Red (500gpm or less) ☐; Orange (500gpm to 1000gpm) ☐; Green (1000gpm to 1500gpm) ☐; Blue (1500gpm or greater) ☐

Which system supplies what protection systems: \_\_\_\_\_

\_\_\_\_\_

Nearest large volume water supply (greater than 2000 GPM): \_\_\_\_\_

Needed fire flow calculations:

Largest single area: \_\_\_\_\_

## Needed Fire Flow

Building or Area	Area Measurements			Hazard Factors: Low, Moderate, High Severe			Total Flow Needed
	Length	Width	Height	Fire Load Factor	Life Hazard Factor	Exposure Factor	



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### Protection System

Fire alarm system: \_\_\_ Yes ☒ No

Locations: \_\_\_\_\_

Annunciator location: \_\_\_\_\_

Type of alarms: \_\_\_\_\_

Extent of coverage: \_\_\_\_\_

Monitored system: \_\_\_ Yes \_\_\_ No Fire alarm company: \_\_\_\_\_

Phone number: \_\_\_\_\_

Detector type and power supply: Smoke: ☐; Heat: ☐; Battery: ☐; Hardwire w/ Battery Backup: ☐

Carbon Monoxide: ☐; Combination: ☐; Plug In: ☐; Plug In w/ Battery Backup: ☐

Sprinkler system: \_\_\_ Yes ☒ No

Location of the FDC: \_\_\_\_\_

Size of FDC threads: \_\_\_\_\_

Type of system: Wet Pipe: ☐; Dry Chemical System: ☐; Halogen System: ☐; Class K System: ☐;

Dry Pipe: ☐; Foam System: ☐; CO2 System: ☐; Standpipes: ☐

Extent of coverage – full or partial: \_\_\_\_\_

Areas protected (if partial): \_\_\_\_\_

Location of main valve: \_\_\_\_\_

Location of sectional valves: \_\_\_\_\_

System coverage plan at valves: \_\_\_ Yes \_\_\_ No

Standpipe and inside hoses: \_\_\_ Yes \_\_\_ No

Combined with sprinkler system: \_\_\_ Yes \_\_\_ No

FDC same as for sprinkler system: \_\_\_ Yes \_\_\_ No

Location of FDC: \_\_\_\_\_

Size of FDC threads: \_\_\_\_\_

Type of standpipes: \_\_\_\_\_

Extent of coverage – full or partial: \_\_\_\_\_

Outlet locations: \_\_\_\_\_

Outlet size and type: \_\_\_\_\_



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## Protection System (continued)

Special protection systems: ☐ Yes ☐ No

Type of systems: \_\_\_\_\_

Locations: \_\_\_\_\_

Extent of coverage – full or partial: \_\_\_\_\_

## Utilities

Y/N	Service	Shutoff location
	Natural Gas	
	LP-Gas	
	Fuel Oil	
✓	Electric	
	Emergency Power	
✓	Heating	
✓	Water	
✓	Hot Water	
	Steam	
✓	A/C and ventilation	
✓	Specialty gas*	Stored at rear of building / H/P Argon
	Specialty gas*	

\* Record type of gas

Occupant concerns for utilities: ☐ Yes ☒ No

Responsible contact: \_\_\_\_\_

Process concerns for utilities: ☐ Yes ☒ No

Responsible contact: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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## Exposures

Exposure Number	Separation (ft)	Life Hazard	Fire Load	Construction	Sprinkled	Priority (low = 5)

Other exposure concerns: \_\_\_\_\_

\_\_\_\_\_

Special Resource Consideration: \_\_\_\_\_

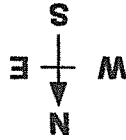
\_\_\_\_\_

Confined Spaces: \_\_\_ Yes ☒ No Locations: \_\_\_\_\_

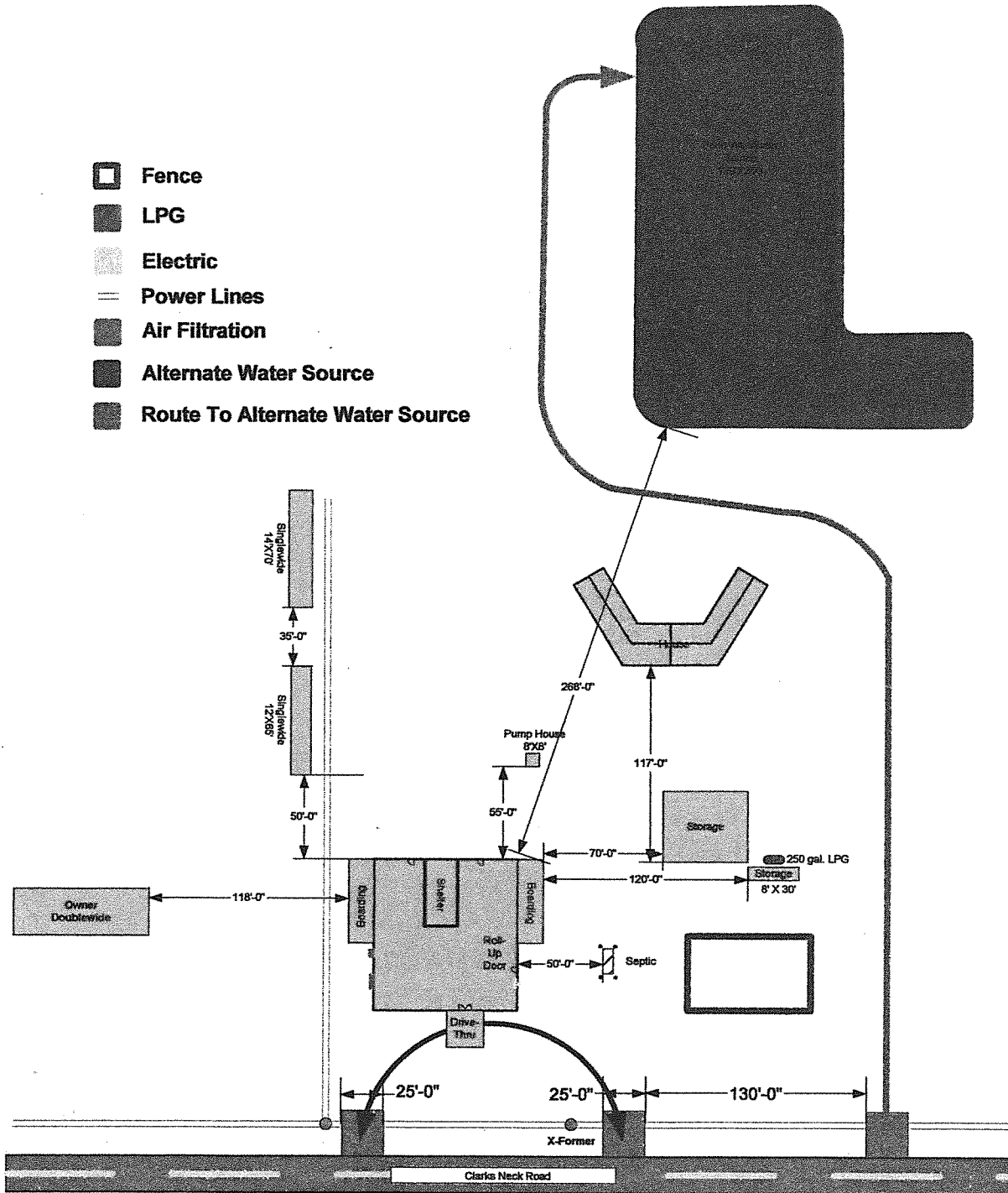
\_\_\_\_\_

## Remarks:


L If more room is required for notes, please use the back of this form.

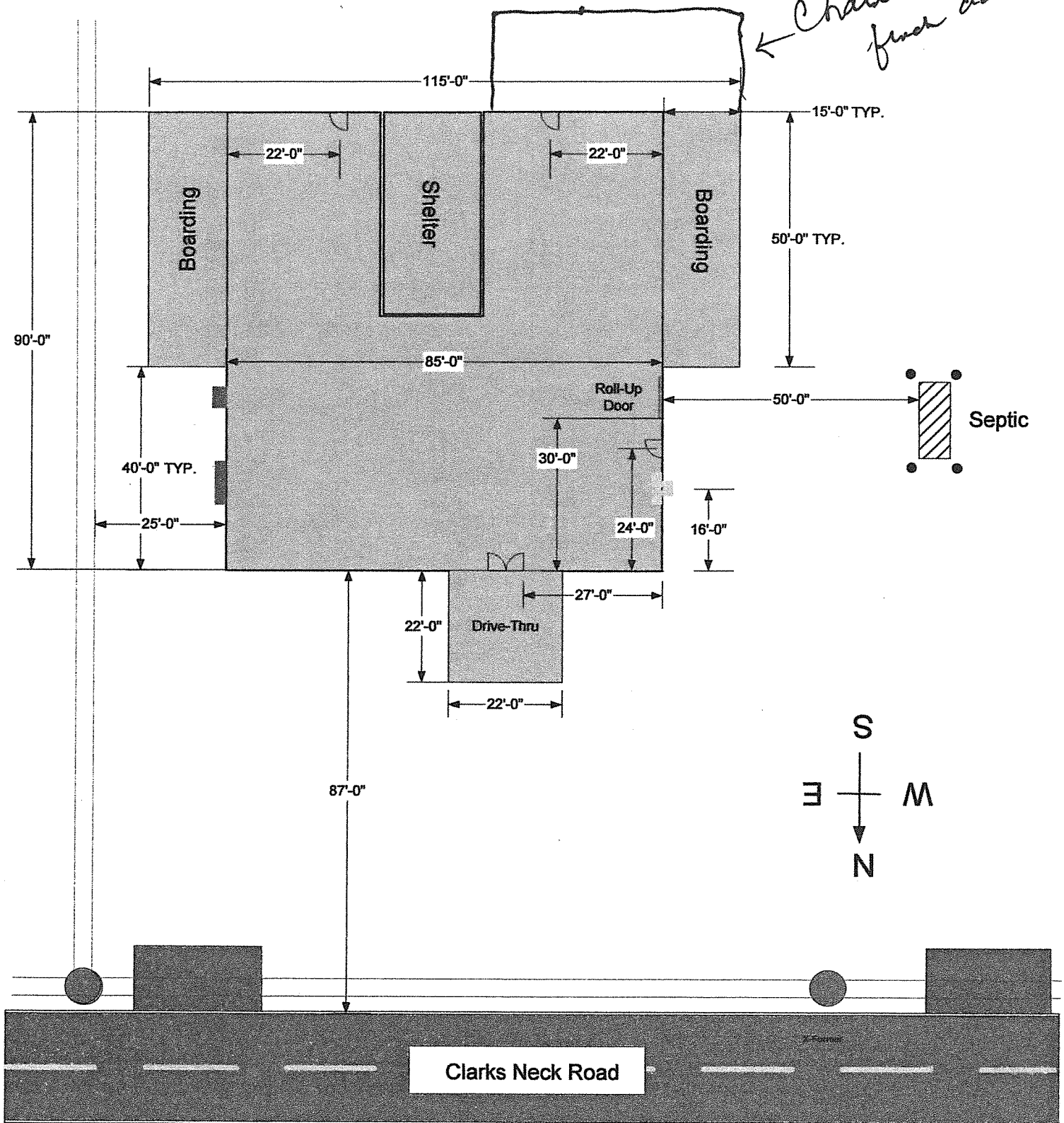


- Fence
- LPG
- Electric
- Power Lines
- Air Filtration
- Alternate Water Source
- Route To Alternate Water Source

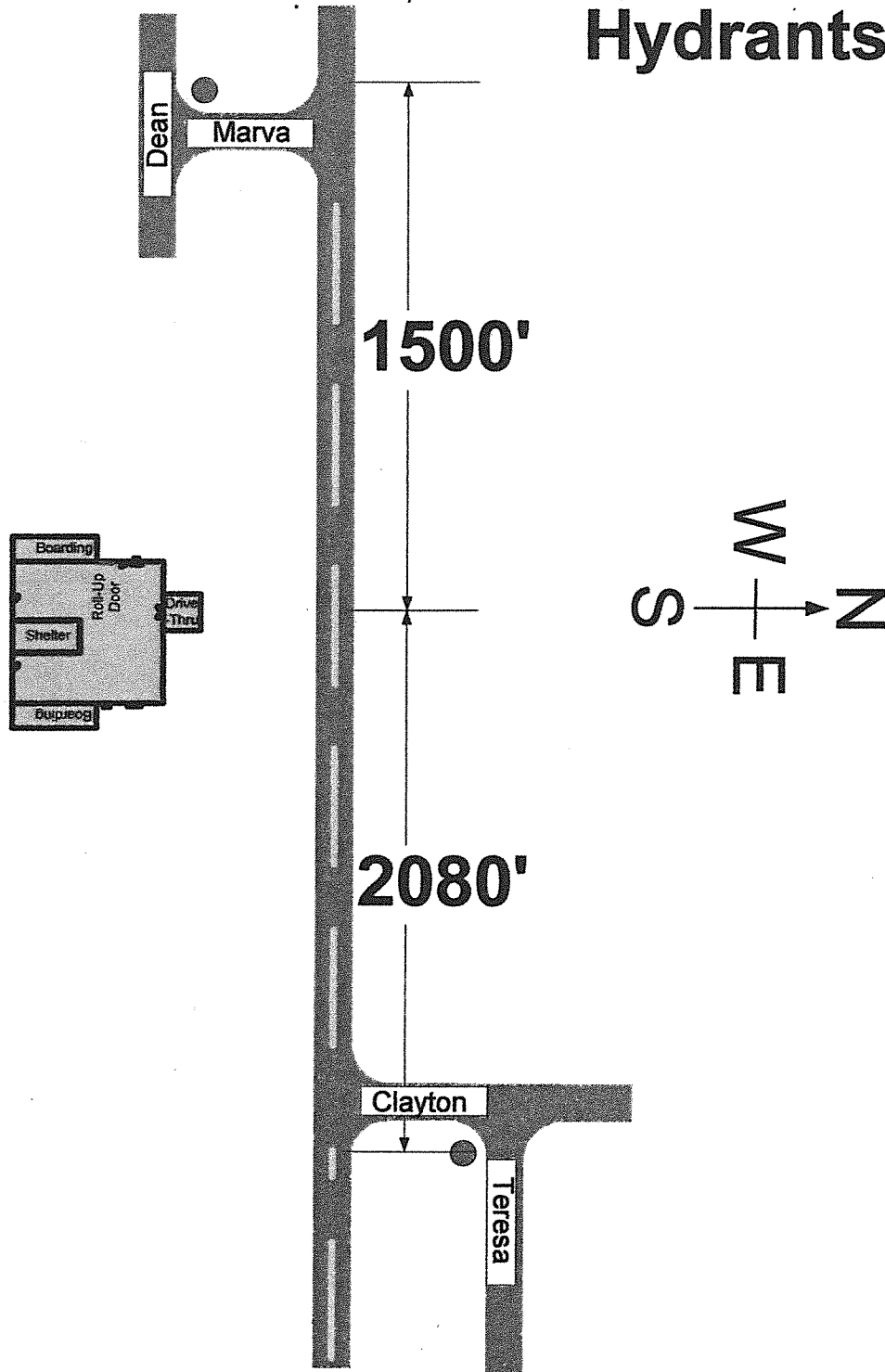


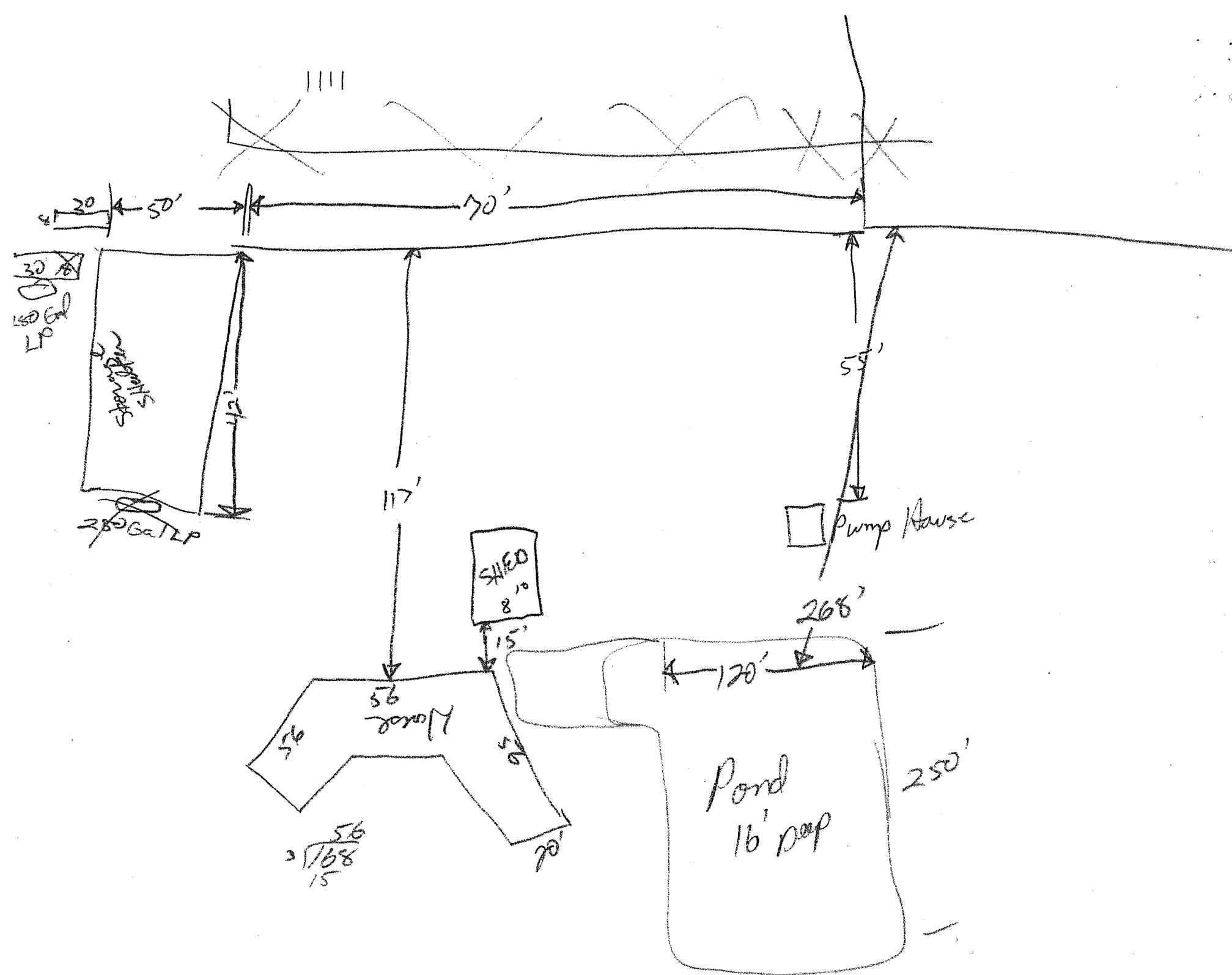


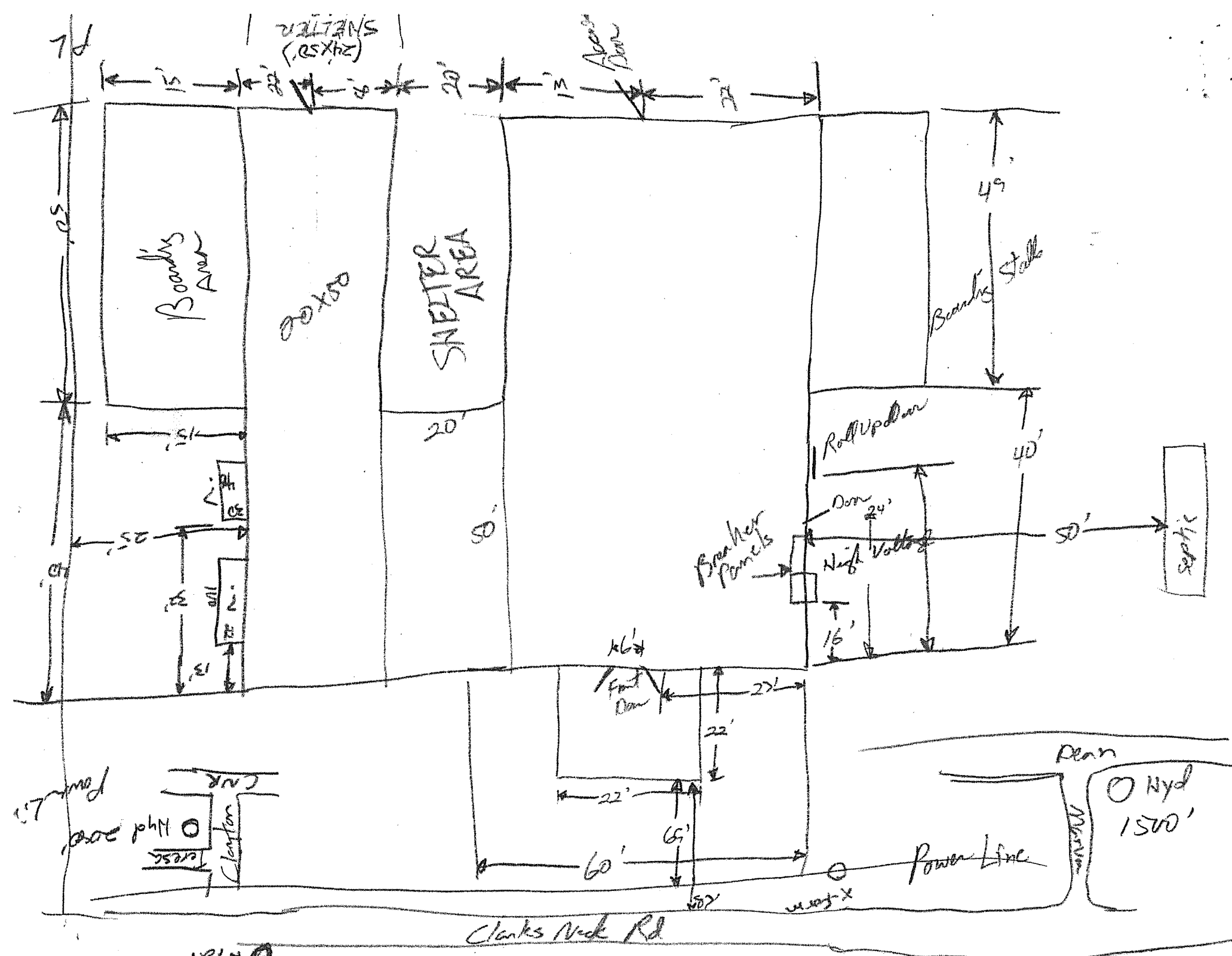
← Chain list  
final address



## Nearest Fire Hydrants







Wood  
Frame  
Structure  
w/ brick  
on front  
side

350' To Pond on Jim Bunch's Property

Wood  
Frame  
Boat House  
11' x 39'

Fence

28'

Building



Knock  
Box

Diesel  
pump

10'

5'

LP-12  
20 lbs.

Porch  
5' x 10'

40'

39'

Gas Pumps  
2 pumps

115' + power line

length of property

139'

Power Line

Arm front of  
Pole

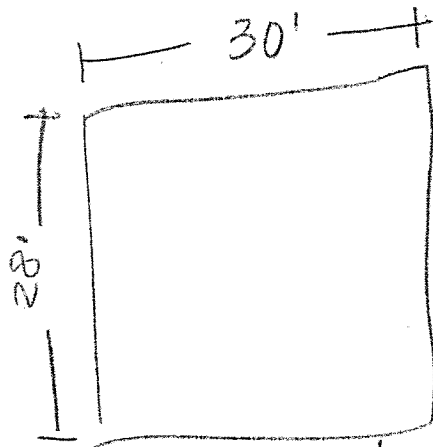
134' to Road

1 1/2  
1 1/6  
1 1/8

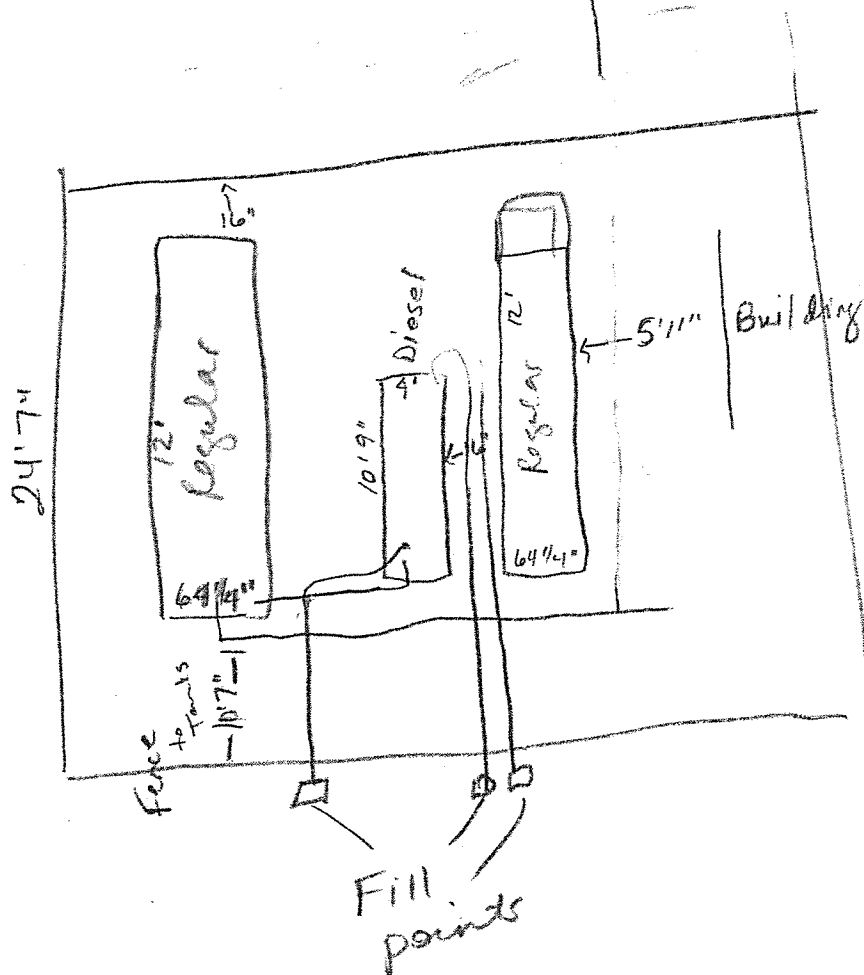
257'

6634

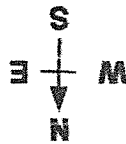
Clark's Neck



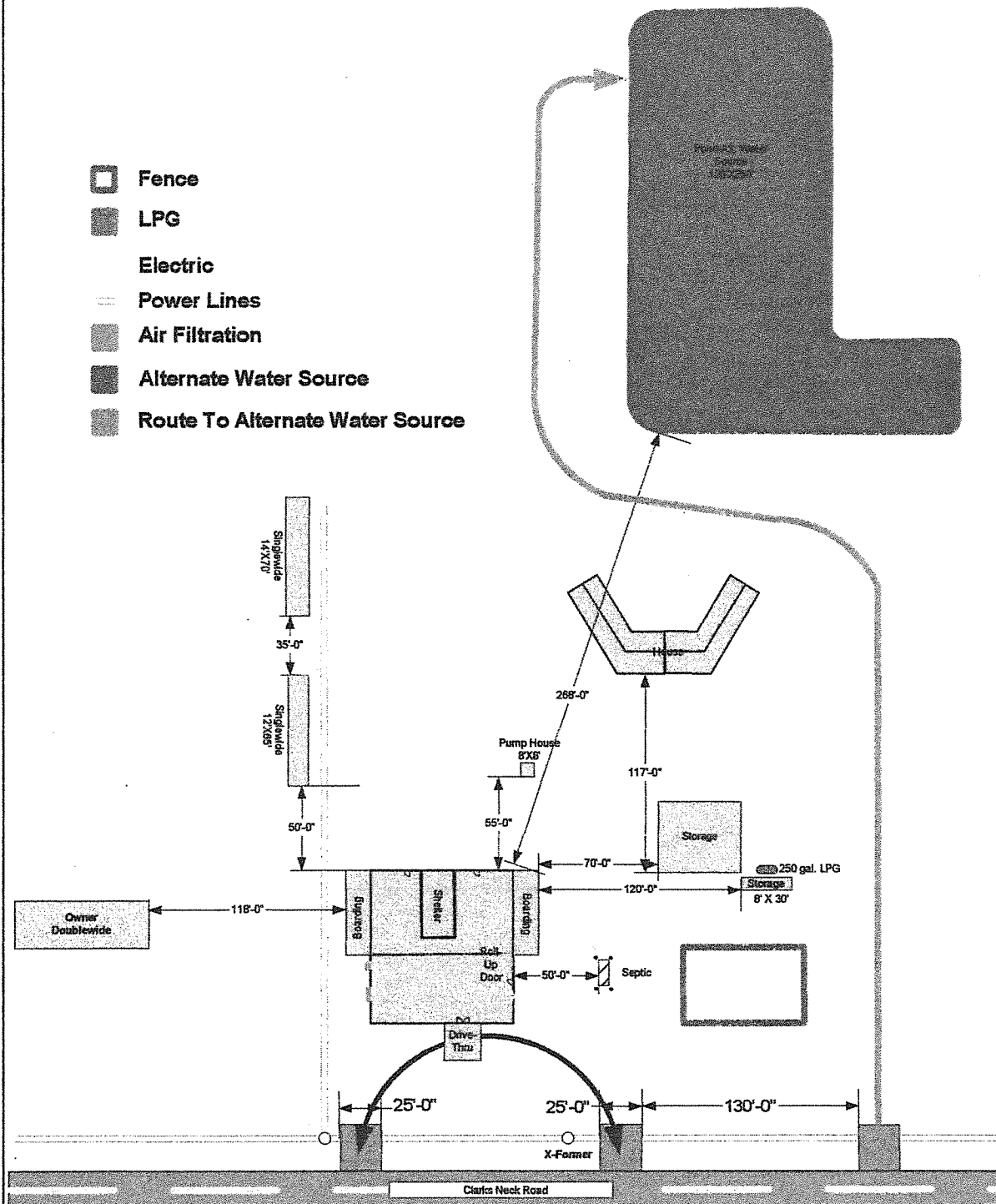
Storage Building  
Wood/OSB  
Low storage  
fire load



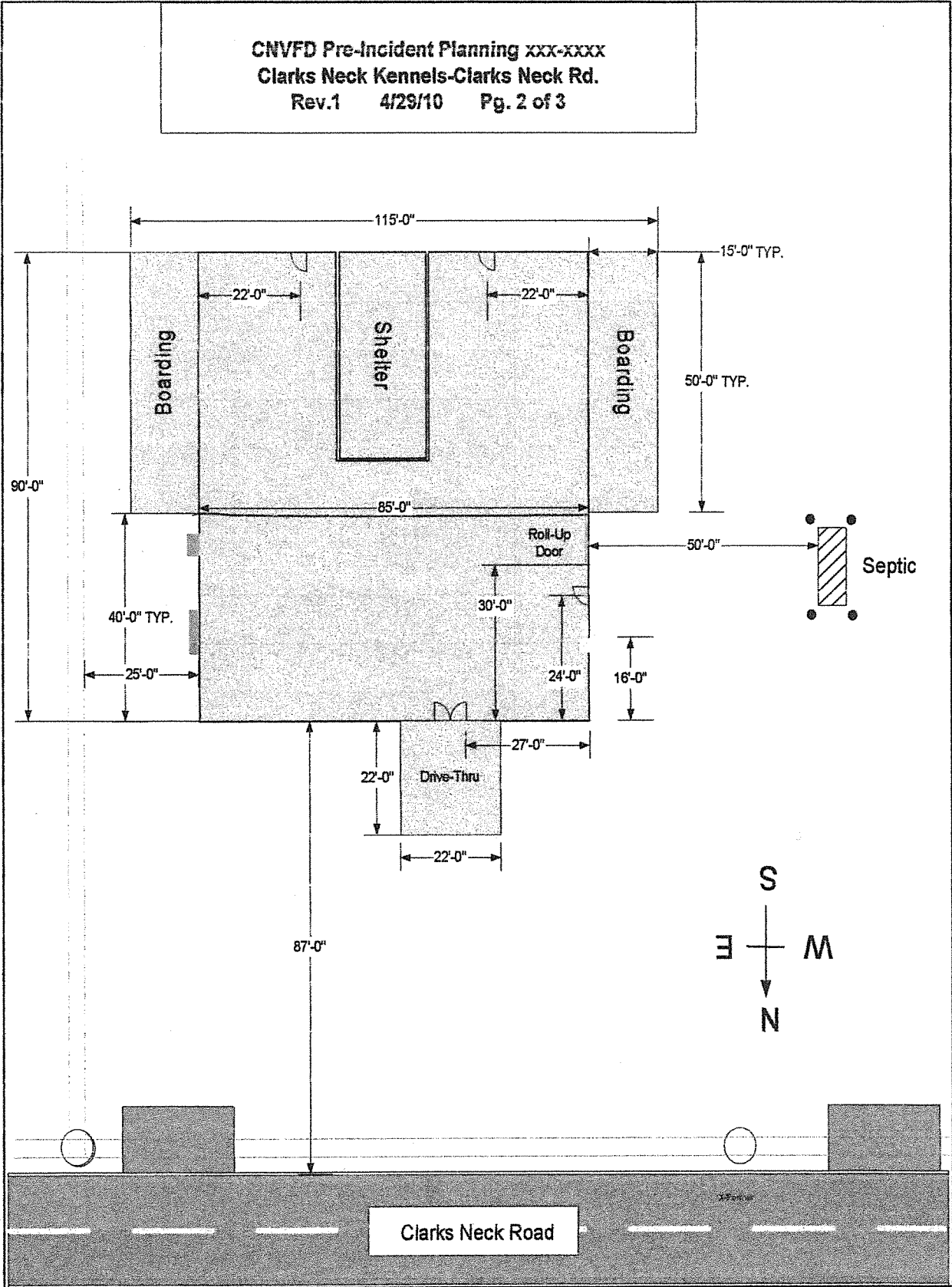
1.2 miles  
to Clayton Circle  
Hydrant



- Fence
- LPG
- Electric
- Power Lines
- Air Filtration
- Alternate Water Source
- Route To Alternate Water Source

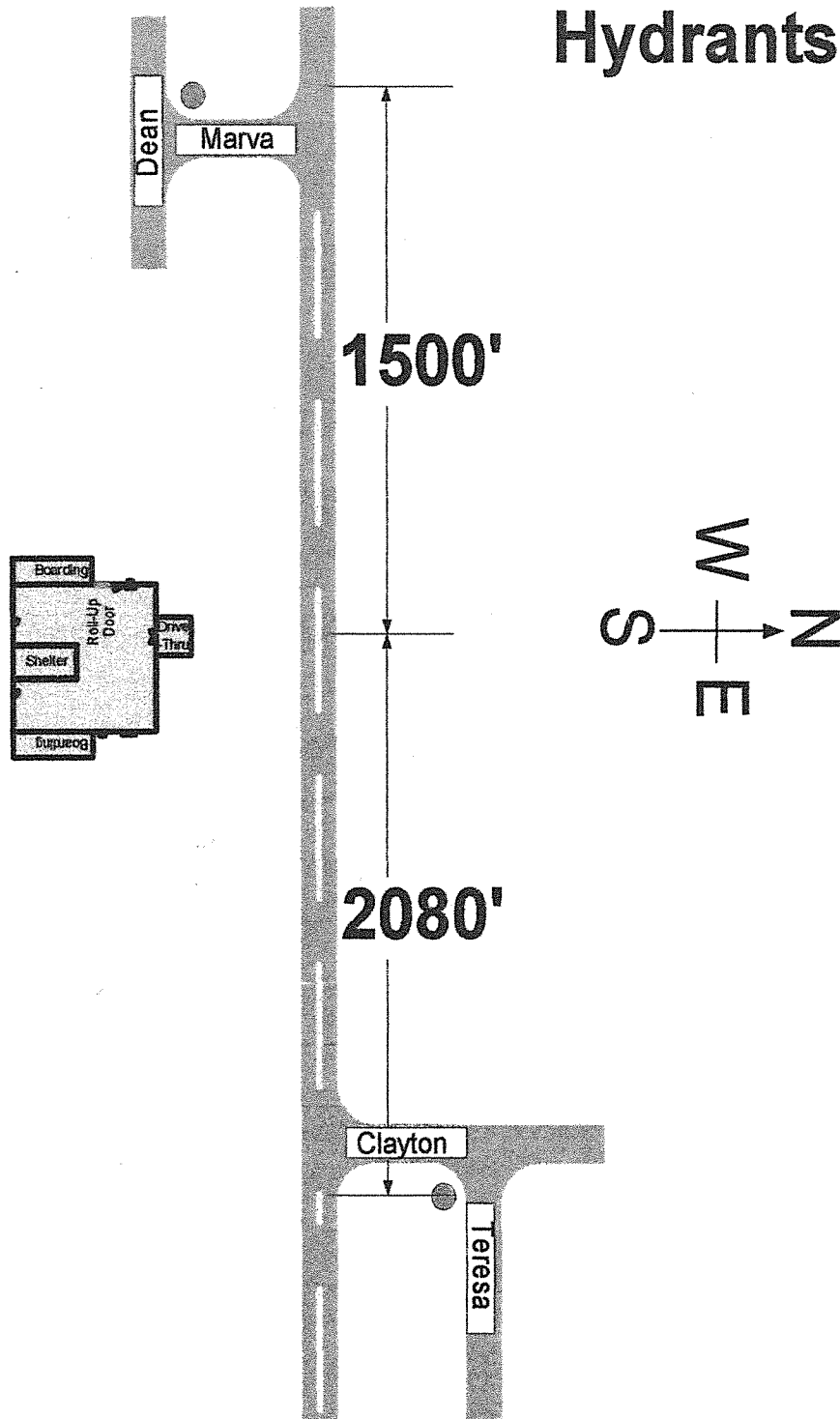








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**Clarks Neck Kennels-Clarks Neck Rd.**  
 Rev.1      4/29/10      Pg. 2 of 3

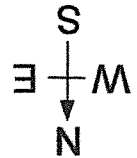
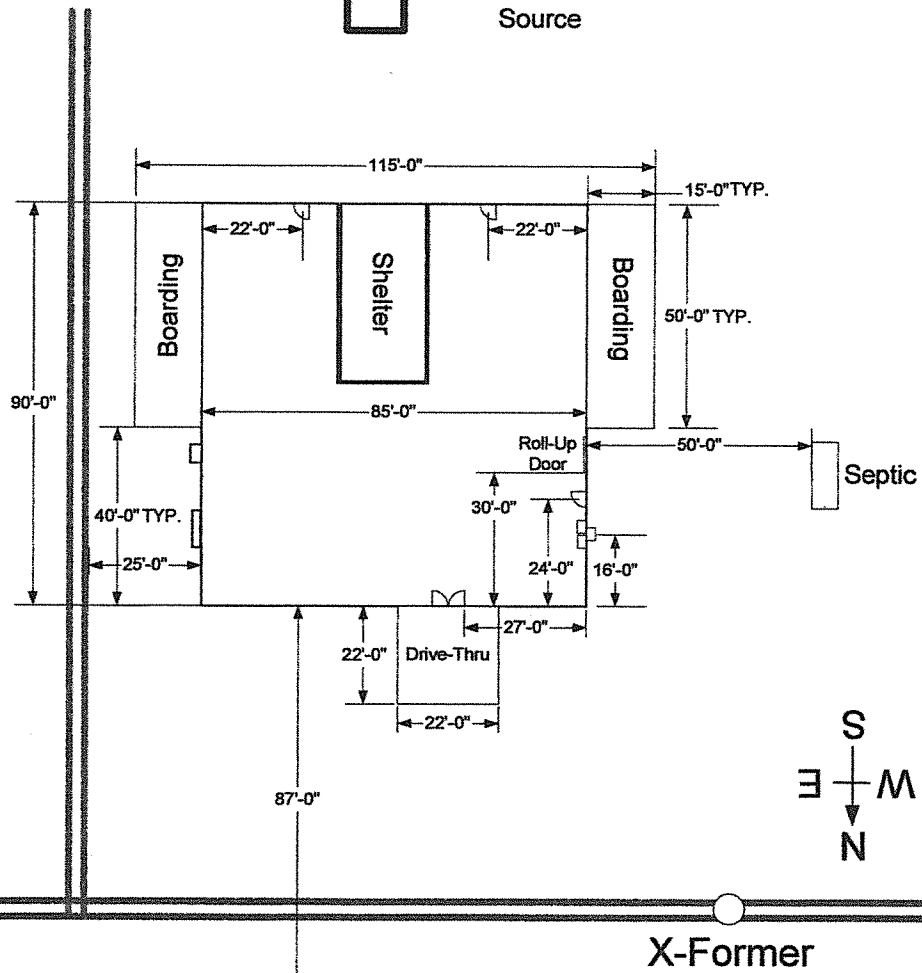










## Nearest Fire Hydrants

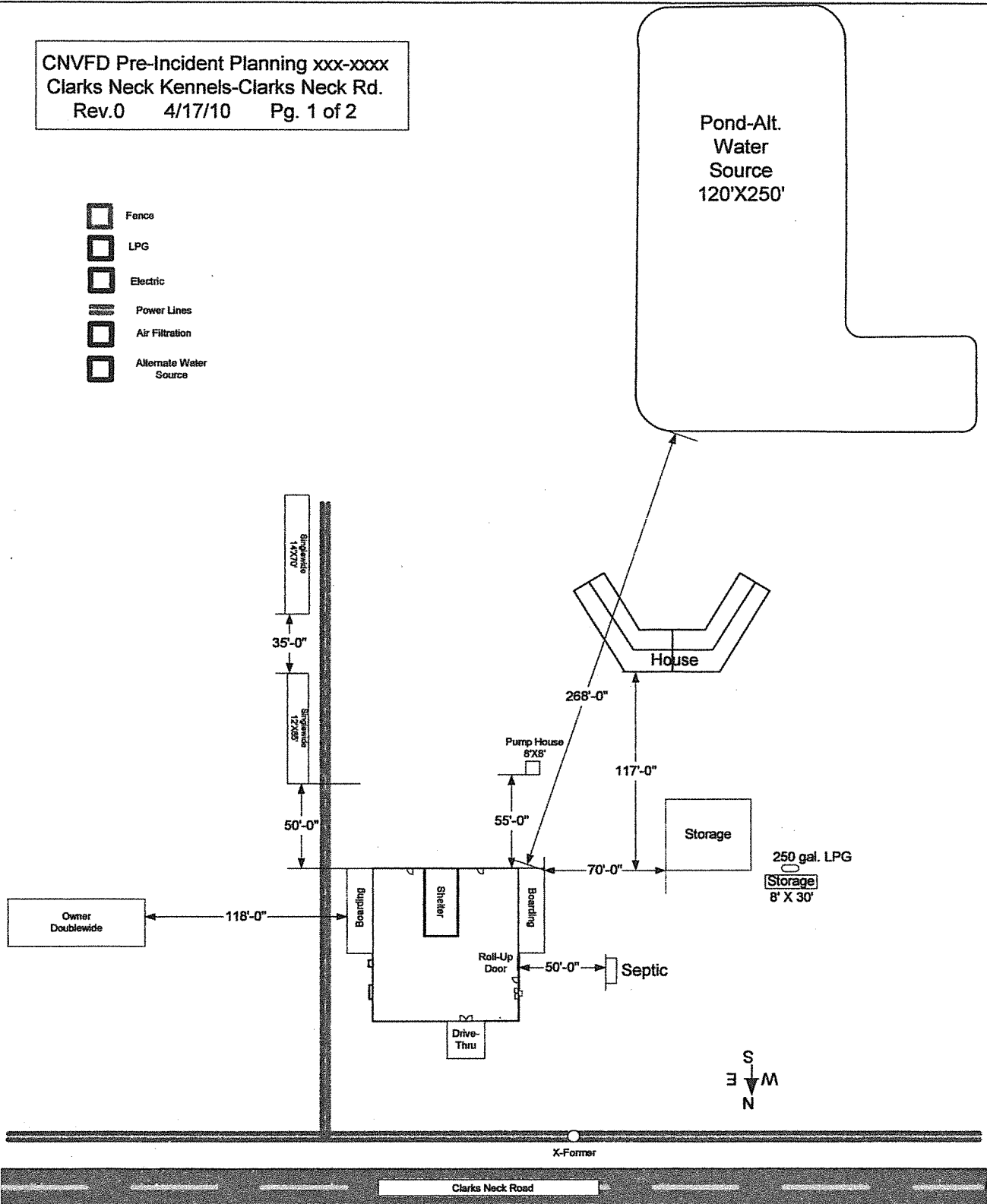


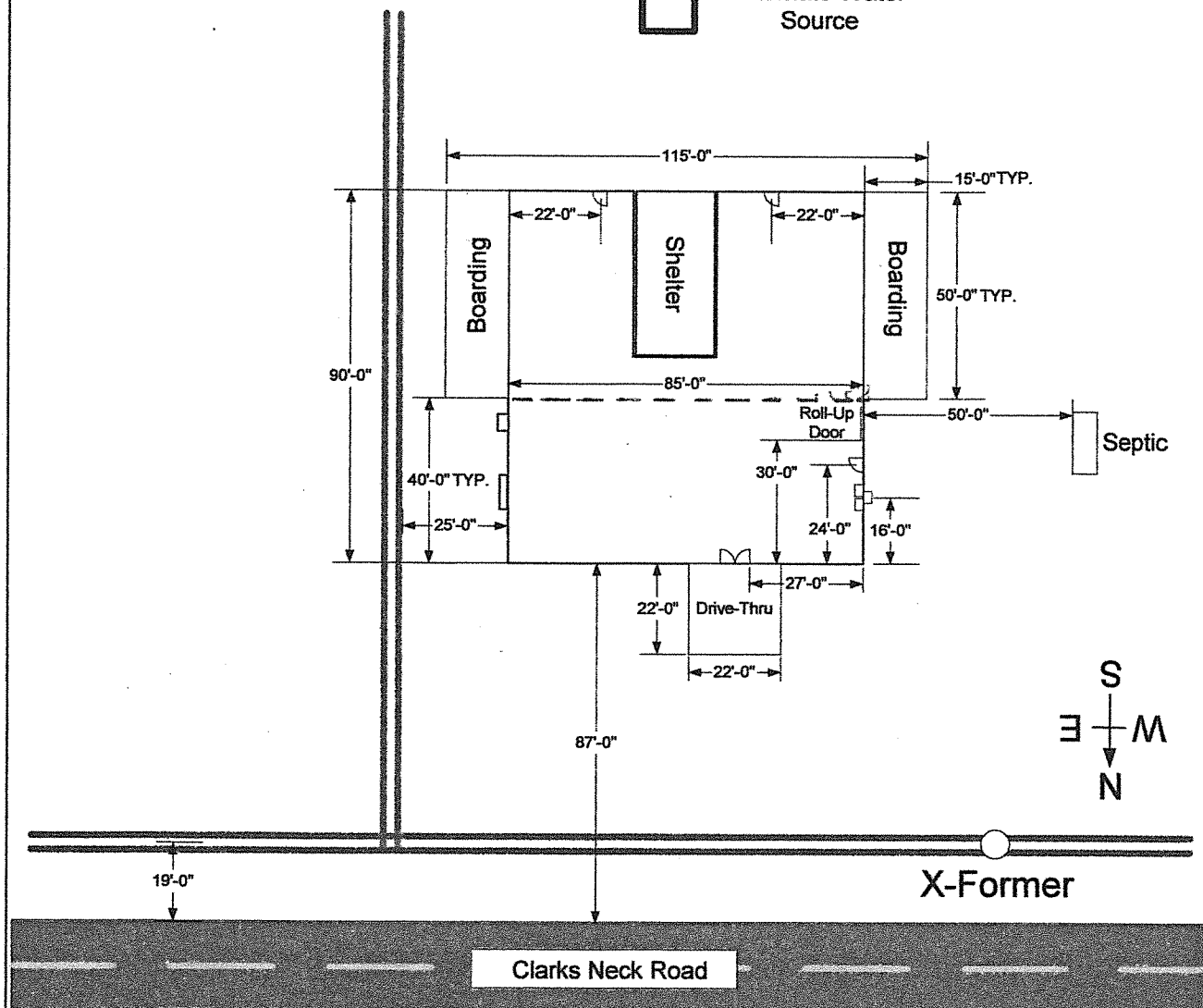
-  Fence
-  LPG
-  Electric
-  Power Lines
-  Air Filtration
-  Alternate Water Source









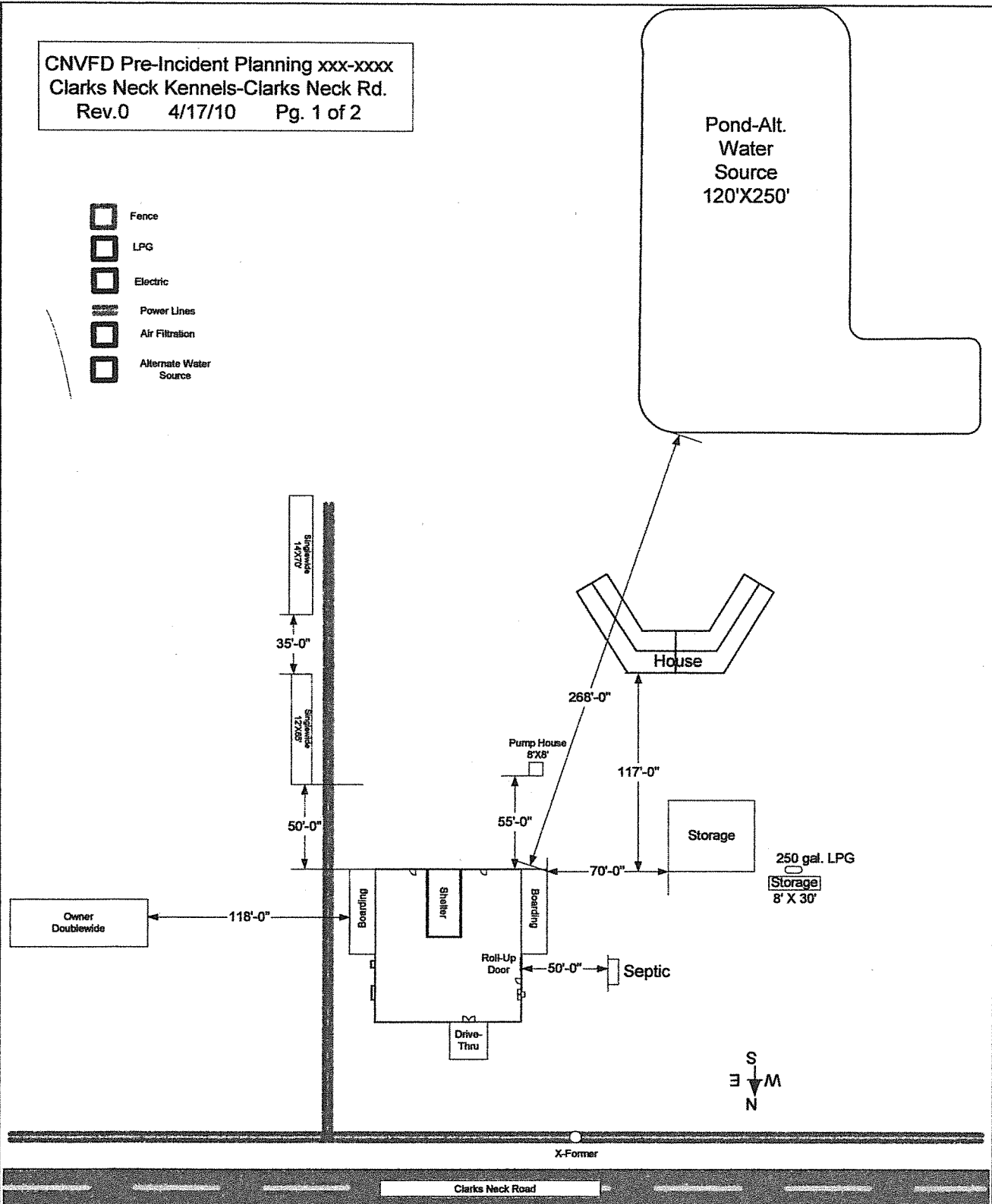
CNVFD Pre-Incident Planning xxx-xxxx  
 Clarks Neck Kennels-Clarks Neck Rd.  
 Rev.0 4/17/10 Pg. 1 of 2

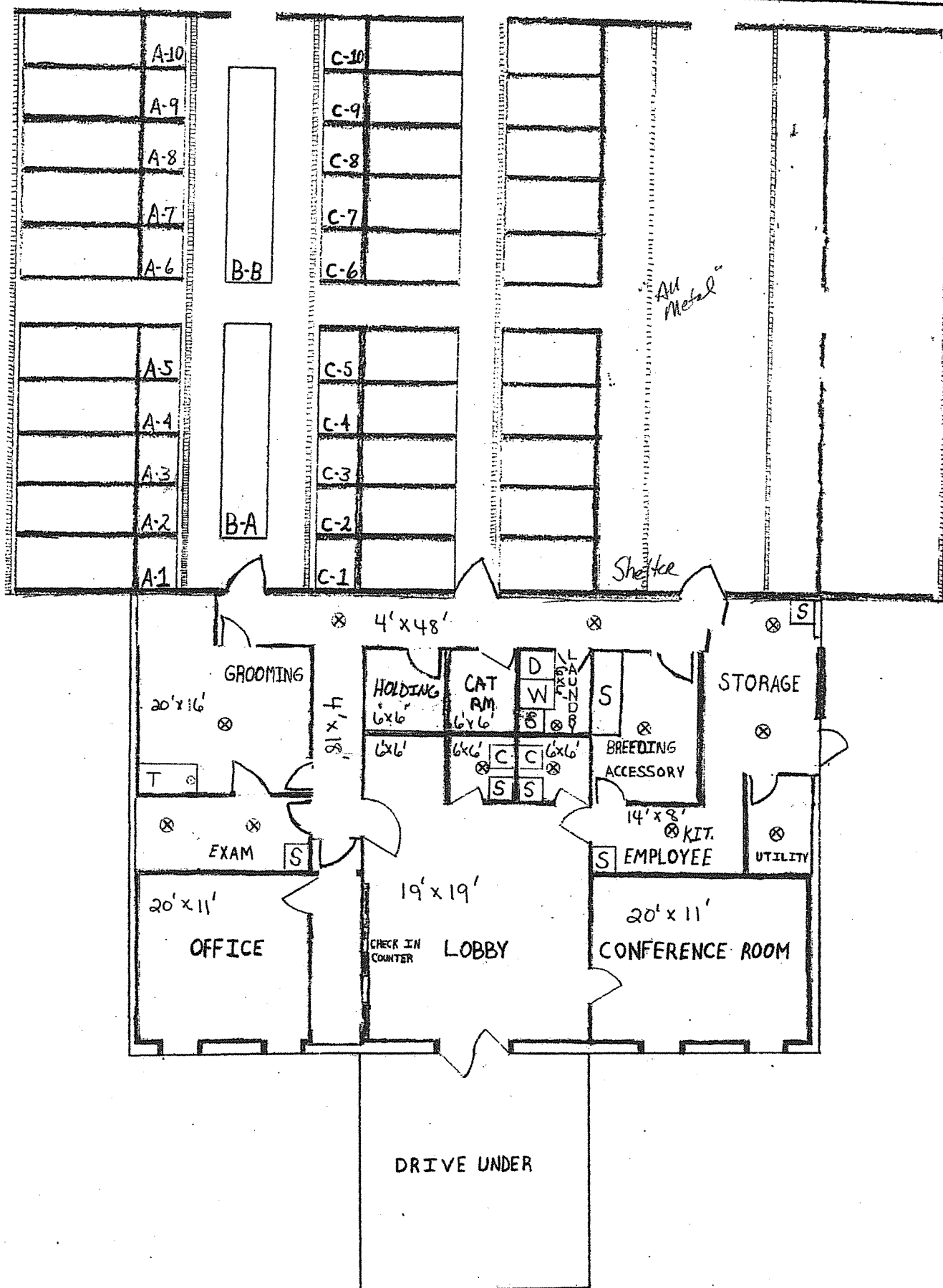
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-  Fence
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ARKS NECK KENNEL	DATE
38 CLARKS NECK RD SHINGTON N.C. 27889	SCALE .125 (1/8") = 1ft. DRAWN BY M. SUOZZ

Structure Name Clarks Neck Kennels  
 Structure Address 6038 Clarks Neck Rd.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
40	85	3400	58.31	1049.57	1	1049.57	0.85	892.14

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%	223.03		0	223		1115.14
19%	169.51					
14%	124.90					
9%	80.29					
75%	669.10	Total A, B, C, D				
	MAX	223				

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 above	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**