



Clarks Neck Volunteer Fire Department 2000 gpm

Pre-Incident Plan Data Sheet

County: Pitt or Beaufort

0002

Date of Inspection: 12-10-09 Committee Officer: Bryan Dixon Sr. (Fire Chief)
Committee Members: Ada Evans, Jim Evans, Tony Hoell, Bill Dawson, Robbie Cox, Joey Hudson

Location Information

Street Address: 6228 Clarks Neck Rd. Nearest Cross Street: Clayton Circle / Dawson Lane

Facility / Business Name: Riverview Baptist Church

Facility Phone Number: (946-0385)

Business Owner: _____ Phone Number: (_____) Mobile Number: (_____)

Operating Information and Access

Emergency contacts and titles with phone numbers:

Name: _____ 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: _____ Closed: _____

Primary access: Side A - Front Door facing Clarks Neck Rd.

Side 1 for plan purposes: _____

Key box: ☐ Yes ☒ No Key box location: _____

Exterior access concerns: ☐ Yes ☒ No Locations: _____

Obstructions to aerials: ☒ Yes ☐ No Locations: Powerlines ' from primary entrance

Exterior door concerns: ☐ Yes ☒ No Locations: _____

Interior roof access: ☐ Yes ☒ No Locations: _____

Occupancy

Overall occupancy: _____

High fire load: ☐ Yes ☒ No Locations: _____

Life safety concerns: N/A

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

* Church & fellowship hall are now one building



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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: _____

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: N/A

? Length: 270' Width: 47' 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: Stick built front half / Truss built (2'x6') back half Trusses: ___ Yes ___ No

Floor construction: Floor joist with crawl space Trusses: ___ Yes ☒ No



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Construction (continued)

Wall construction: Sheetrock / Studded

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

Combustible concealed spaces: ☐ Yes ☐ No Location: Attic space + steeple space

Interior fire barriers and walls: ☐ Yes ☒ No Locations: _____

Wall penetrations: ☐ Yes ☒ No Locations: _____

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

Interior stairs: Number: 0 Location: _____

Obstruction to stairways: N/A

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: _____

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

Start-up: ☐ Automatic ☐ Manual Number of pumps: _____



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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: Stokes Regional

Nearest large volume water supply (greater than 2000 GPM): Tar River at bridge on CN Rd.

Needed fire flow calculations:

Largest single area: 2600

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
N	Natural Gas	
Y	LP-Gas	
N	Fuel Oil	
Y	Electric	
	Emergency Power	
Y	Heating	
Y	Water	
Y	Hot Water	
N	Steam	
Y	A/C and ventilation	
N	Specialty gas*	
N	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:

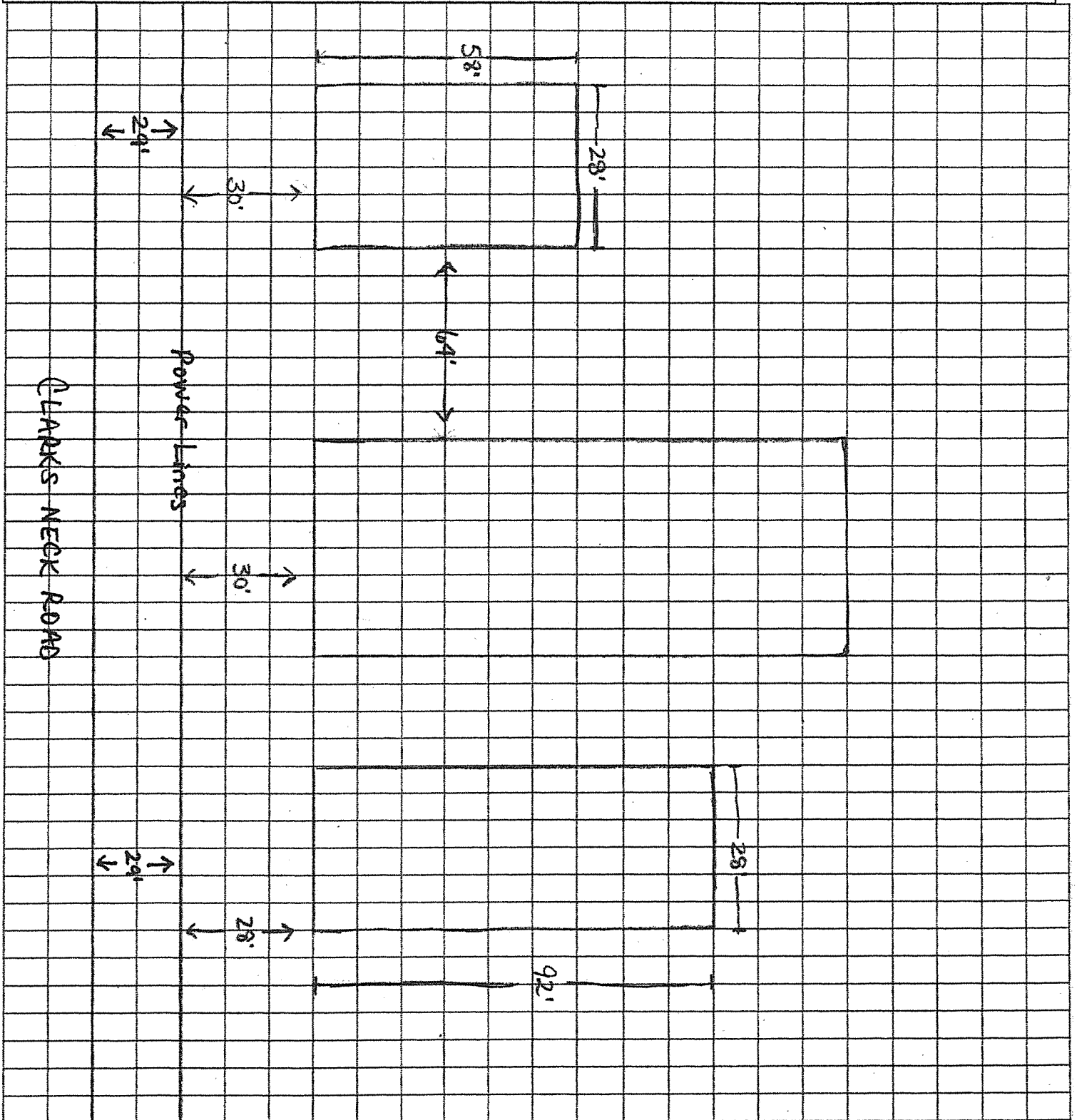
If more room is required for notes, please use the back of this form.

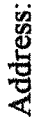


Address: _____

Name: Rivera Riverview Baptist Church

Pre-Plan #: _____



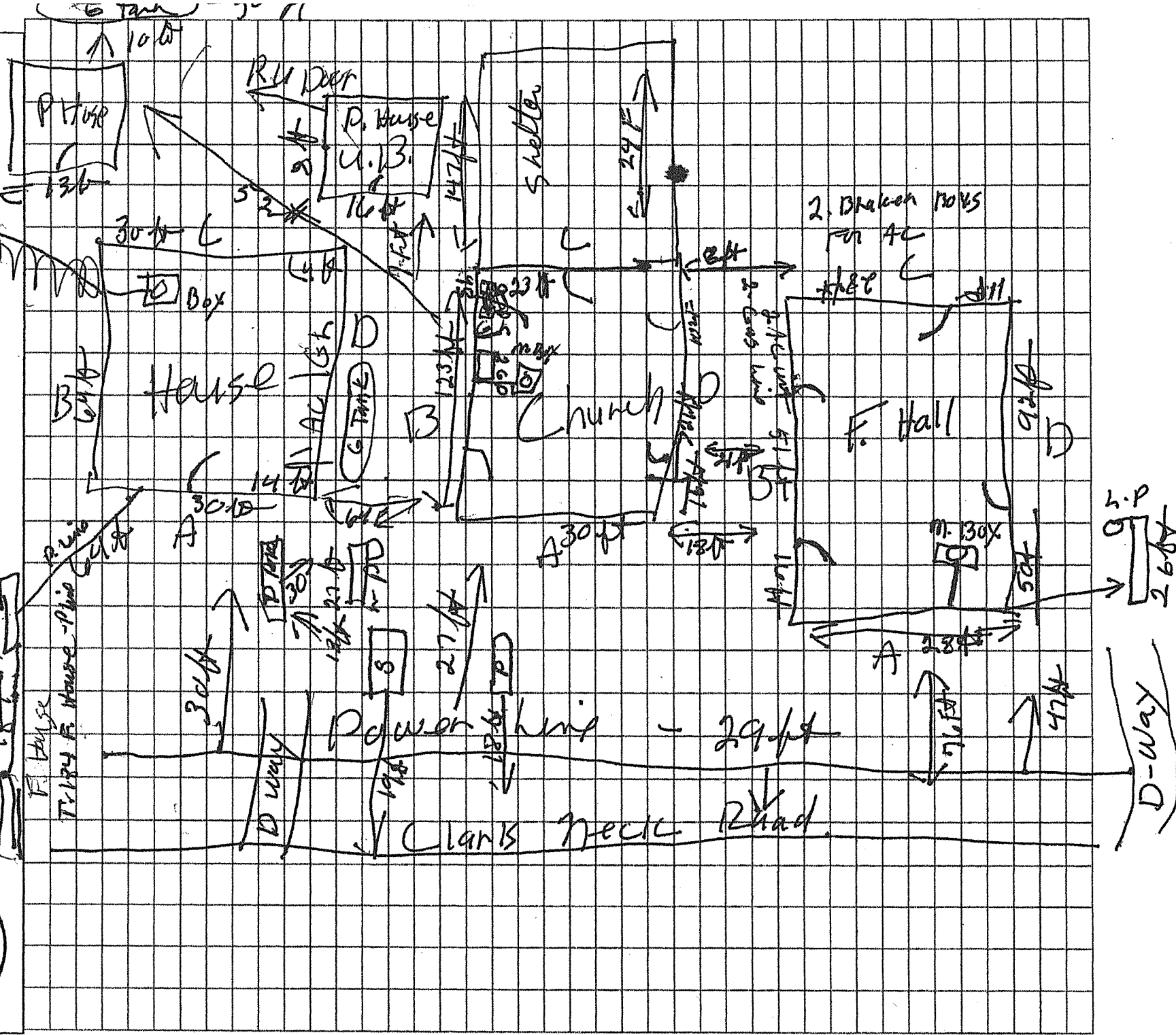


Address:

Name: R. B. Church

Pre-Plan #:

P. Pyle 13A



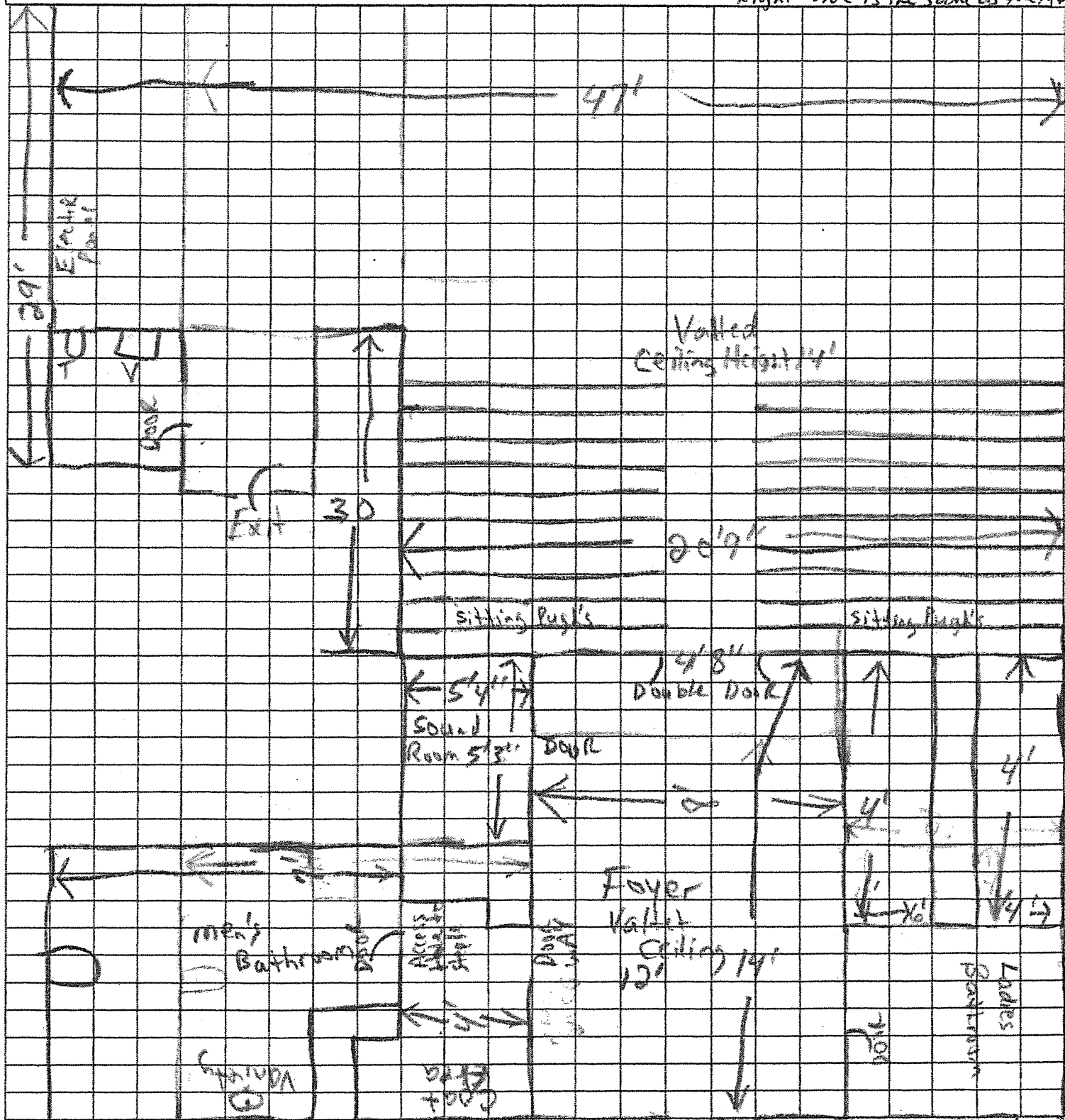


Address: _____

Pre-Plan #: _____

Name: _____

Right side is the same as the left



Front side A



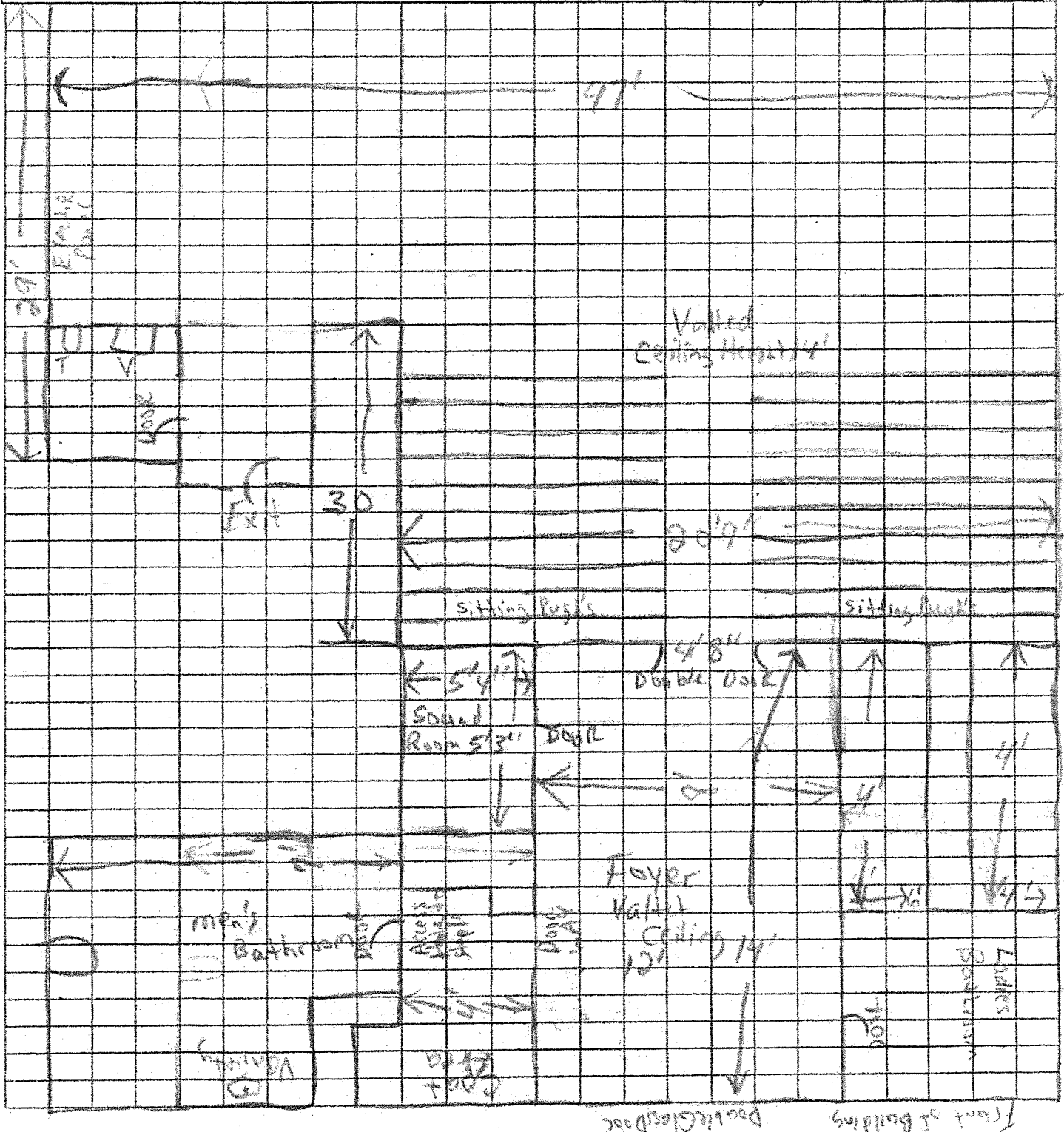
Address: _____

Name: _____

Riverway Church

Pre-Plan #: _____

Right side is the same as the left



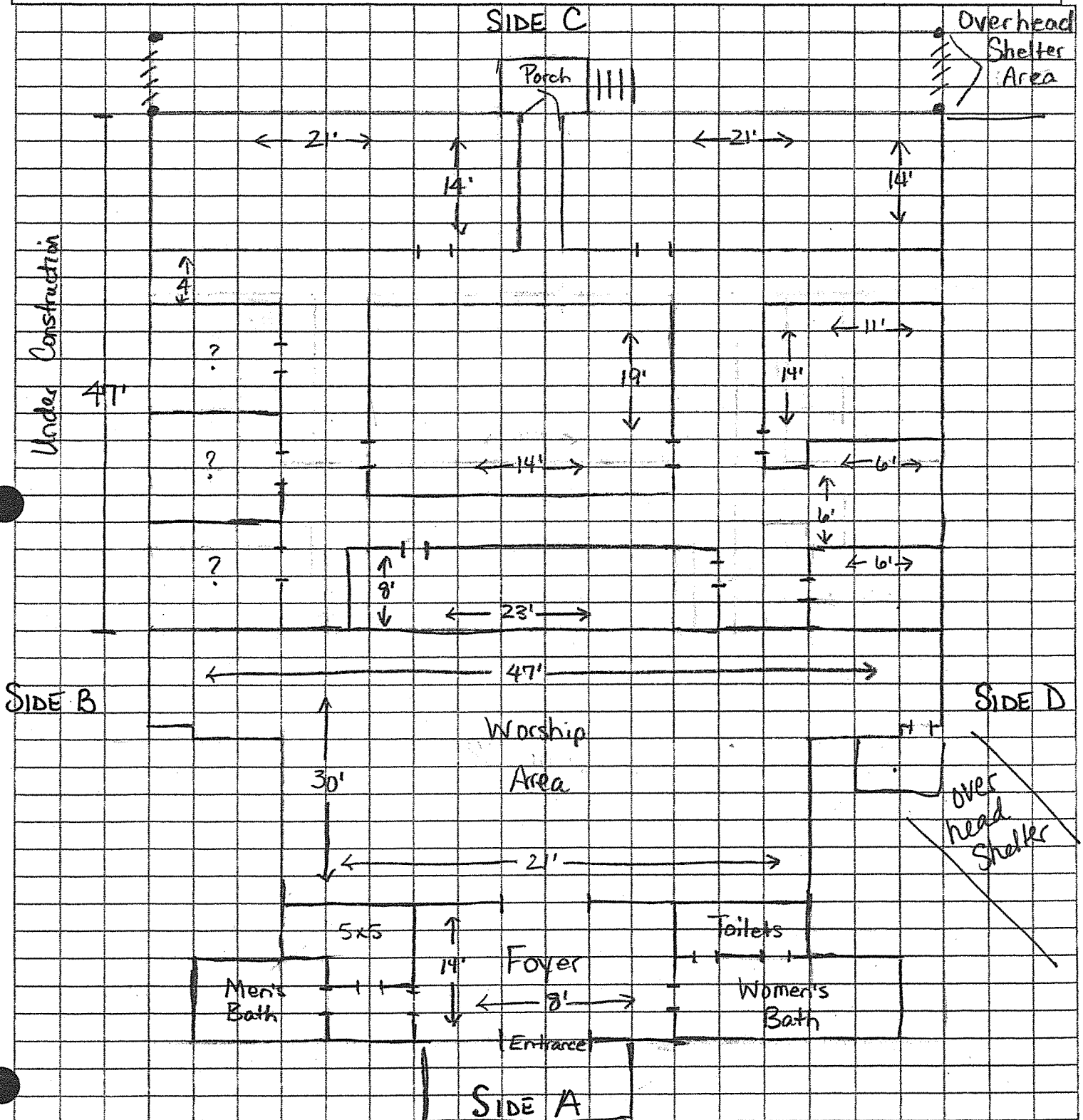
Front side A



Address: _____

Name: Riverview Baptist Church

Pre-Plan #: _____





Address: _____

Name: River - Riverview Baptist Church

Pre-Plan #: _____

CLARK'S NECK ROAD

Power Lines

24'

30'

58'

28'

64'

30'

24'

28'

92'

28'

Overhead
shelters
bush

Overhead
shelters
bush



Address: _____

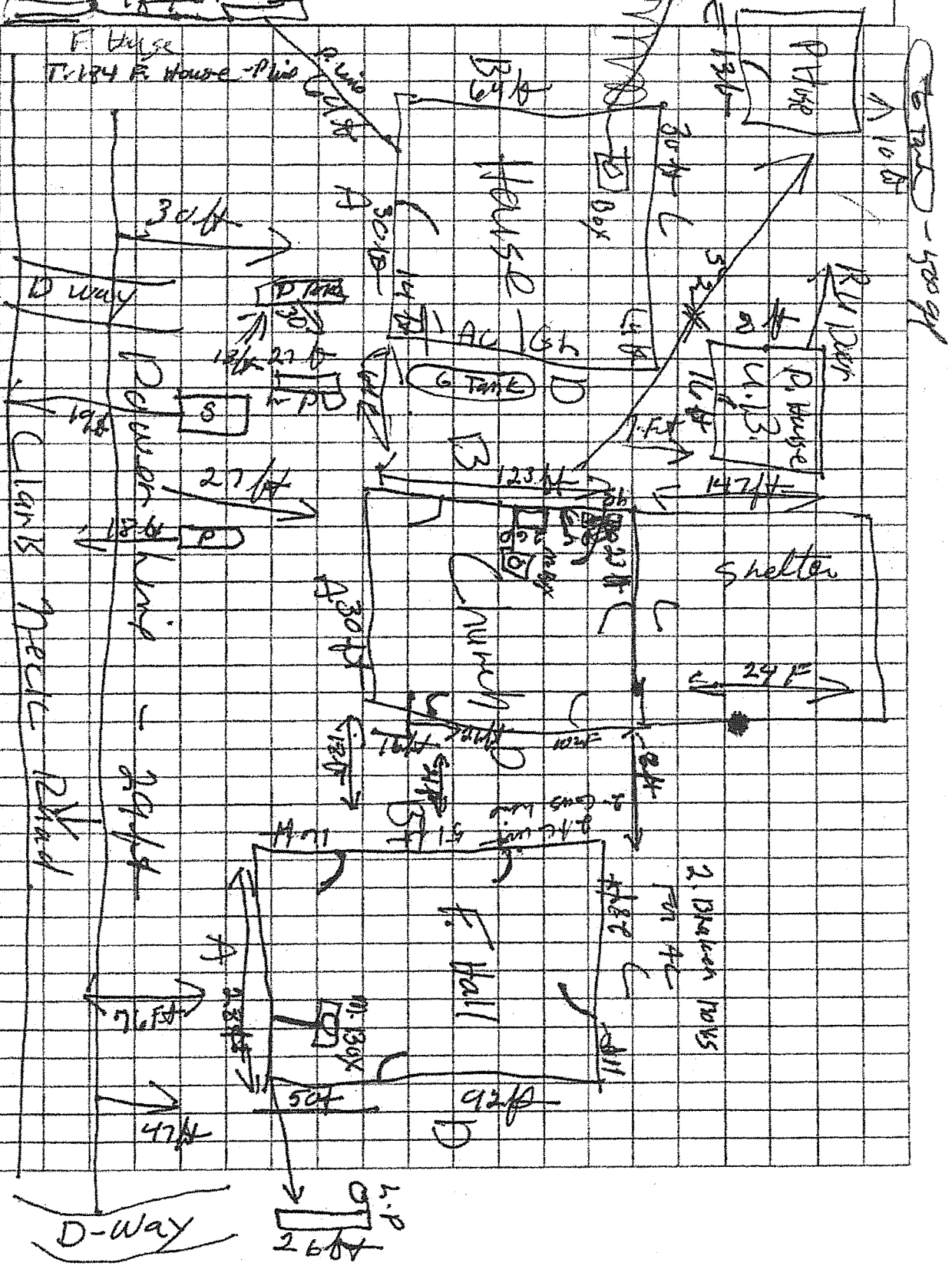
Pre-Plan #: _____

Name: R. B. Church

1204 124 St

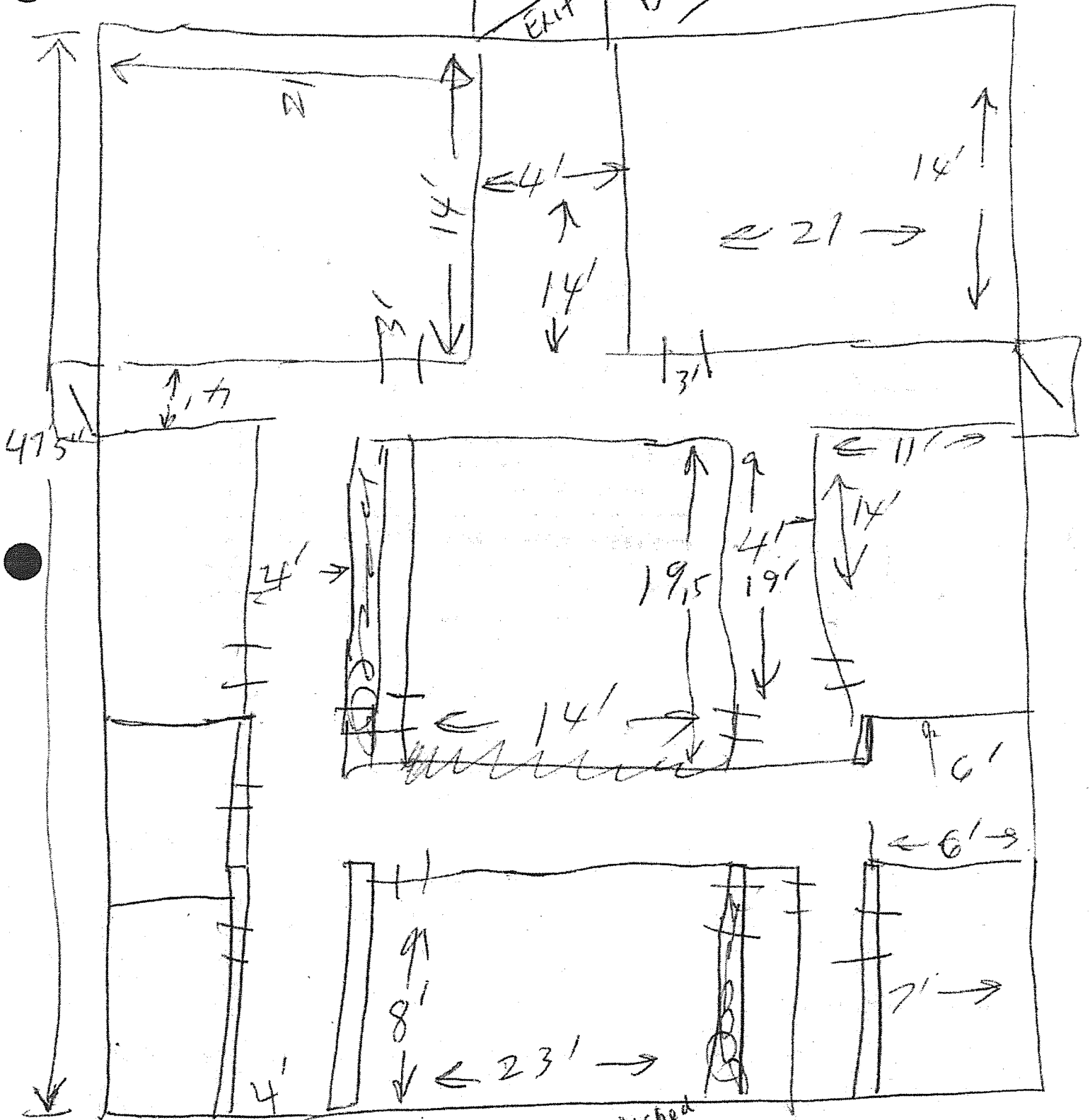
P. Rile 134

F. House
T. 124 R. House - Plus

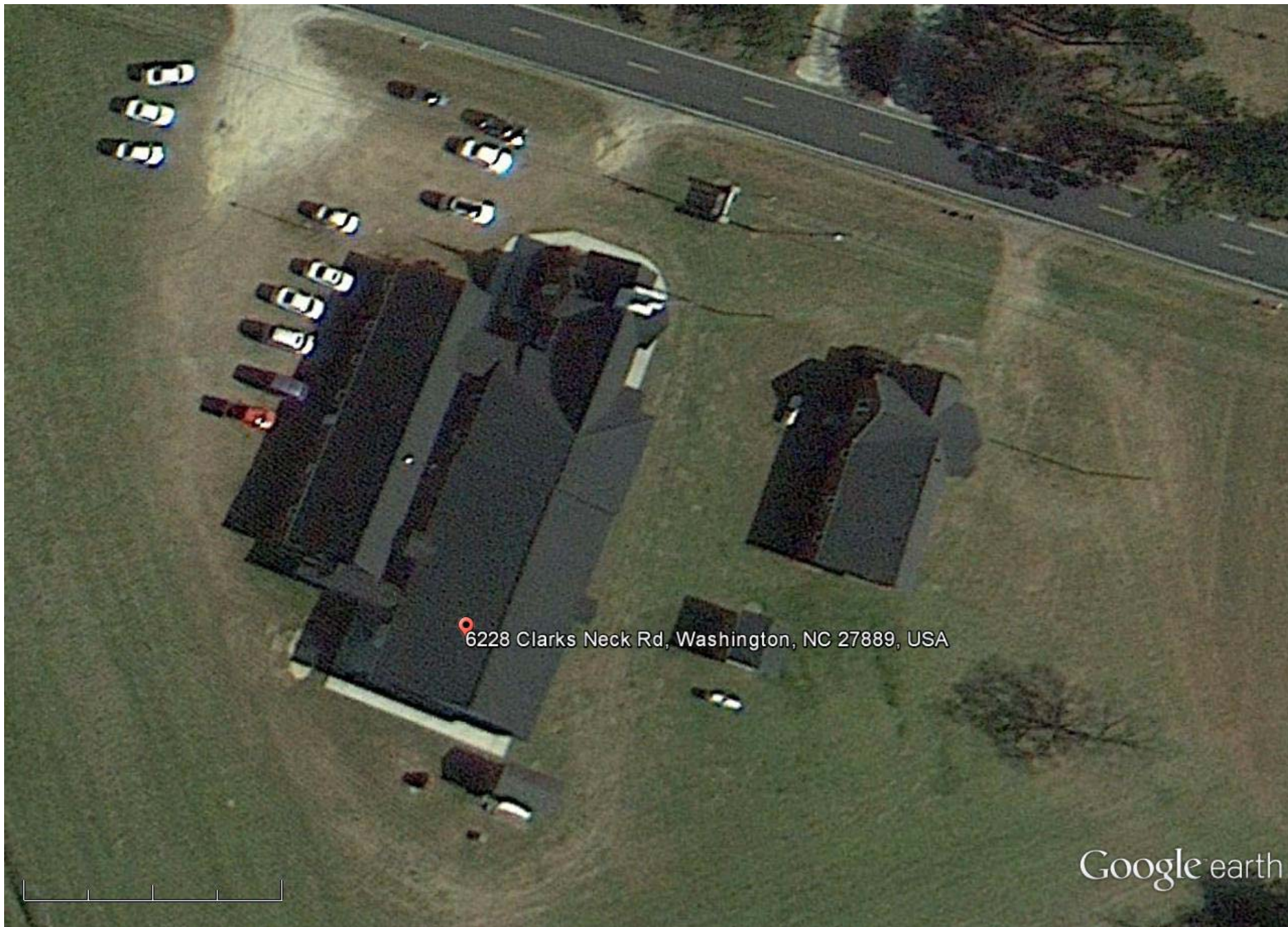


NEW Addition

Exit to back finished



Tusses Front attached at back of Church entire Roof



6228 Clarks Neck Rd, Washington, NC 27889, USA

Google earth

Google earth

feet
meters



Riverview Baptist Church - 6228 Clarks Neck Road



Google earth

feet
meters



Riverview Baptist Church - 6228 Clarks Neck Rd.

Structure Name Riverview Baptist Church
 Structure Address 6228 Clarks Neck Rd.

Length	Width	Sq Ft	Sq Root	X 18	X construction type	GPM sum 1	X Occupancy	GPM sum 2
91	47	4277	65.40	1177.18	1.5	1765.77	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 (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%	375.23		135	0	375	2010.90
19%	285.17					
14%	210.13					
9%	135.08					
75%	1125.68	Total A, B, C, D				
MAX	510					

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