SPARKS ENGINEERING, PLLC

Turning Your Visions Into Realities

sparksengineeringpllc.com *Mail@sparksengineeringpllc.com*

Site

New Project for:

5th Ave. Baptist Church
817 N. 5th Avenue
Wilmington, NC

STANDING SEAM METAL ROOF
EXTERIOR WALLS-12' HIGH

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NORTH CAROLINA PROFESSIONAL SEAL 023439 ENGINEER RONALD WAYNE SPARKS

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Cover

5th Avenue Baptist

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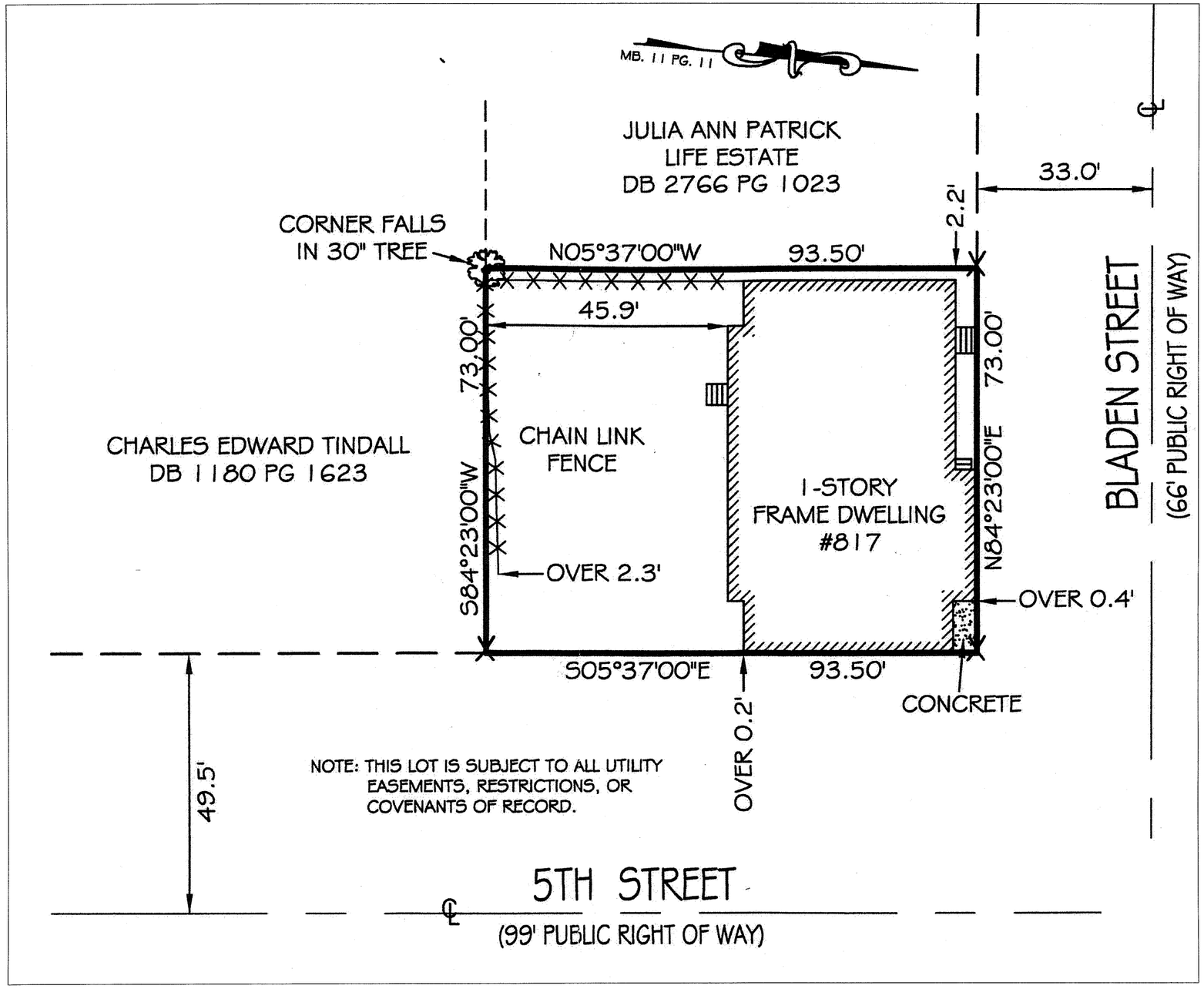

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0 5 10 15 20 25 30 35 40 45 50

Pre Demolition Site

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C 1

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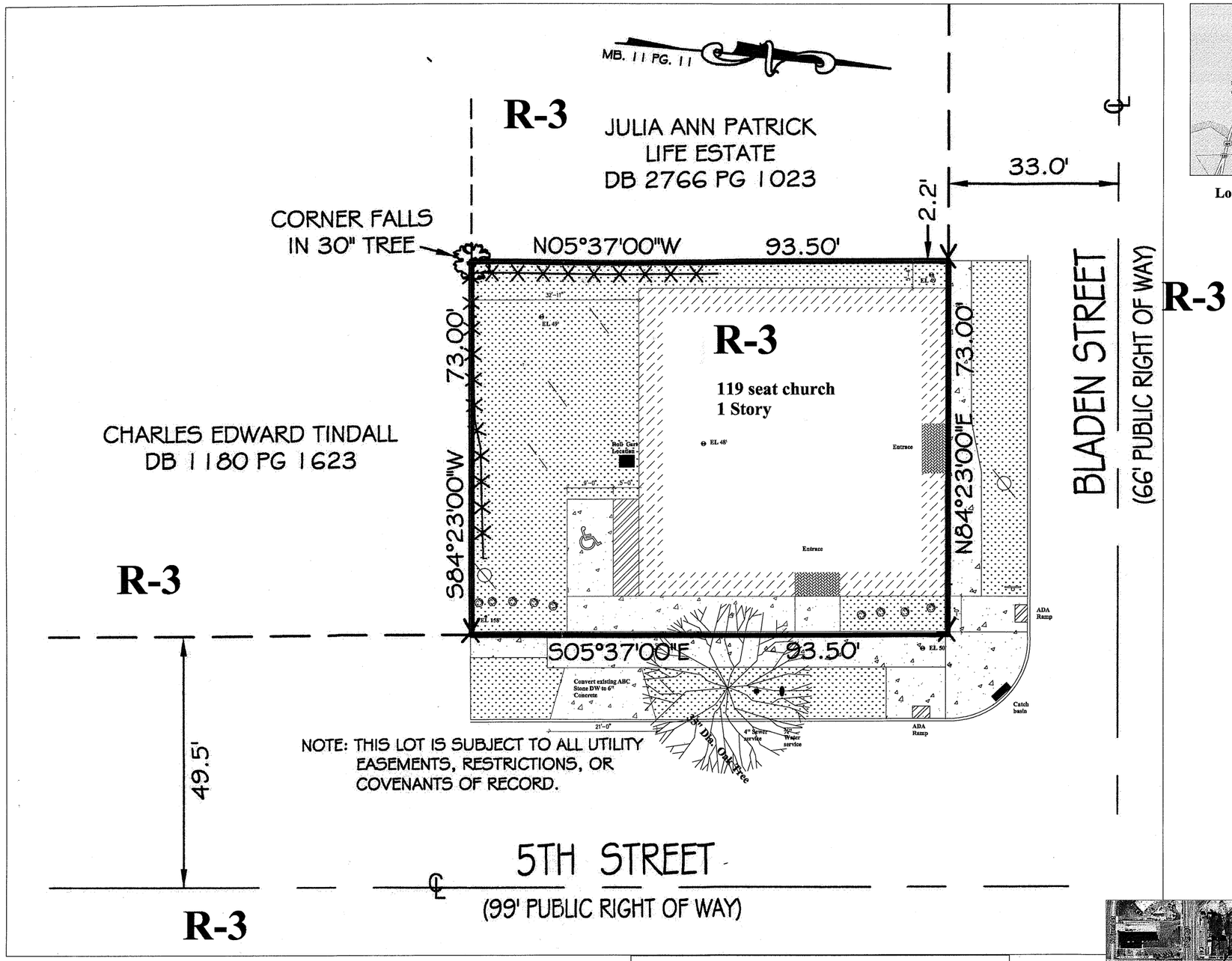

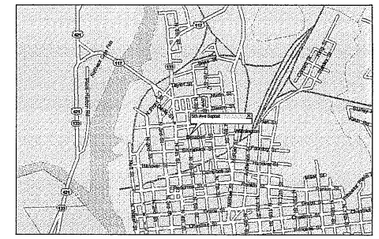

Location Map

Legend

- R-3 Zoning
- 4" Sewer line
- EL XX' Spot Elevation
- Water meter ¾" line
- New Shrubs 3' min. ht.
- Handicap space
- Power pole
- Stop Sign
- Drainage Flow direction

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Parking agreement with
N. 4th Medical center

NTS

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Site Plan

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Site data table

RO4813-002-025-000
3600 SqFt new building /3161 SqFt old building
0.16 ac. Site
Lot coverage $^{4176}/_{6713}$ = 62%
One Building, 20' height
3161 sqft total impervious area Pre-construction(old church)
4176 sqft total impervious area Post-construction(new church)
119 seat church
85 Spaces parking available through Parking agreement with N. 4th Street medical center(Subject to City Approval)
40 Spaces required
One ADA Space off street on site.
13.5 gpm Water and Sewer demand (108 gpd 8hr)
Site protected by Fire Hydrant on 5th Ave of of site plan area.

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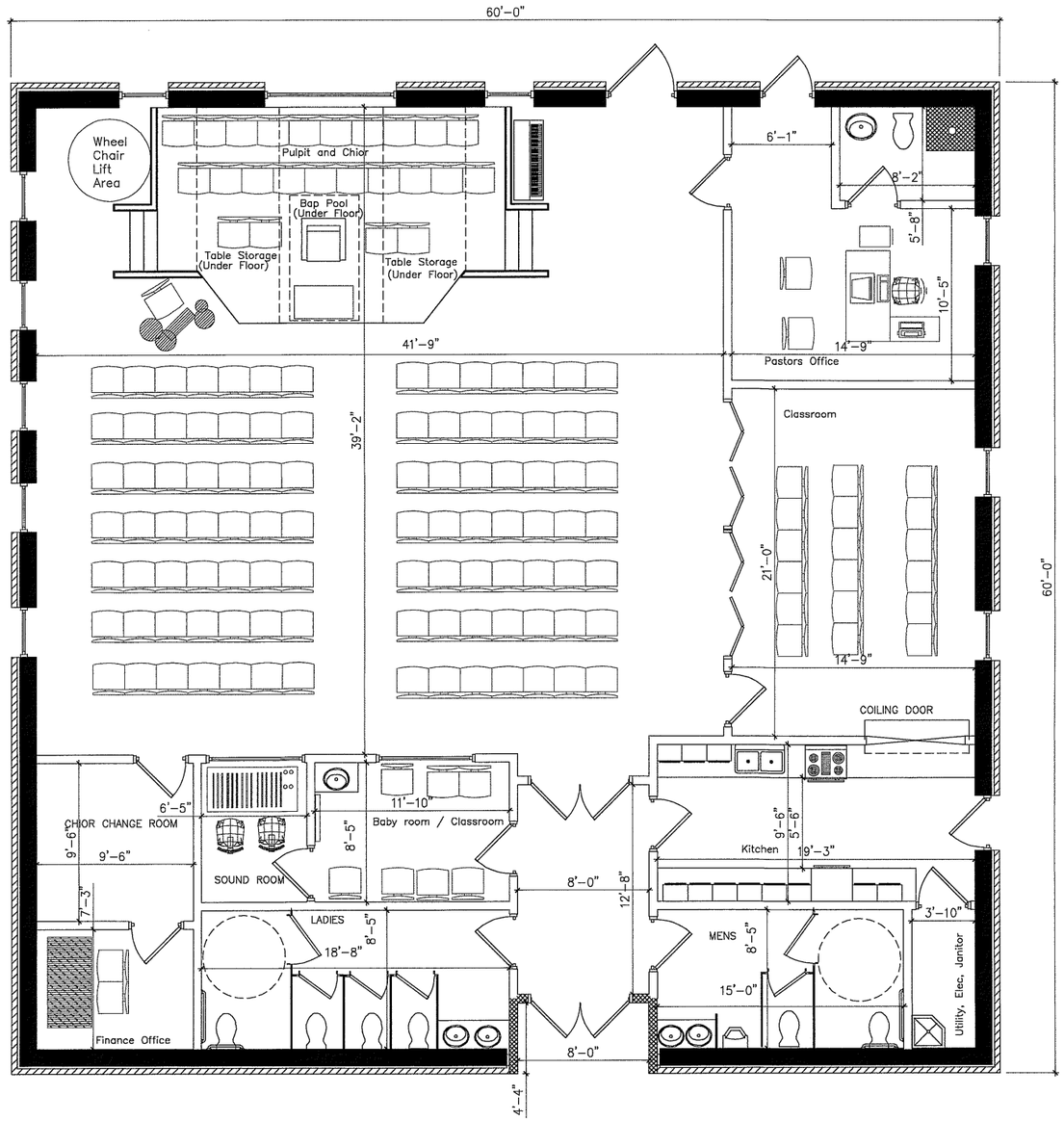

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Option 3

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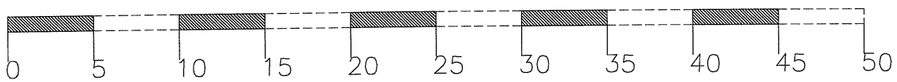

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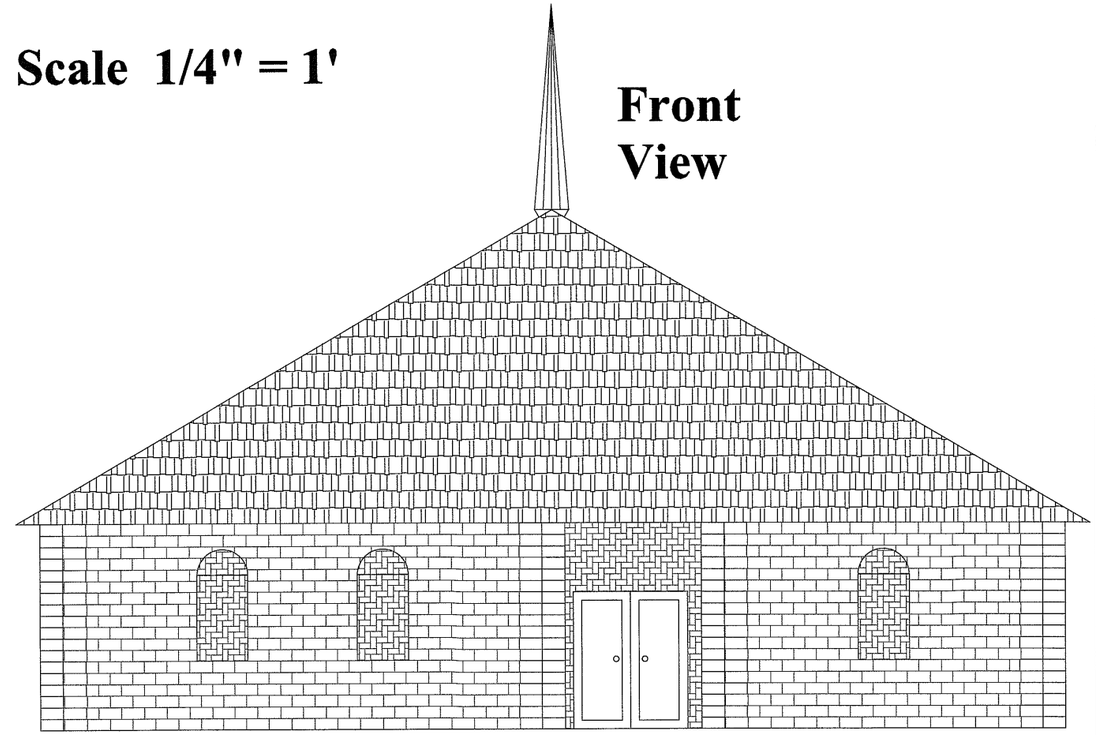
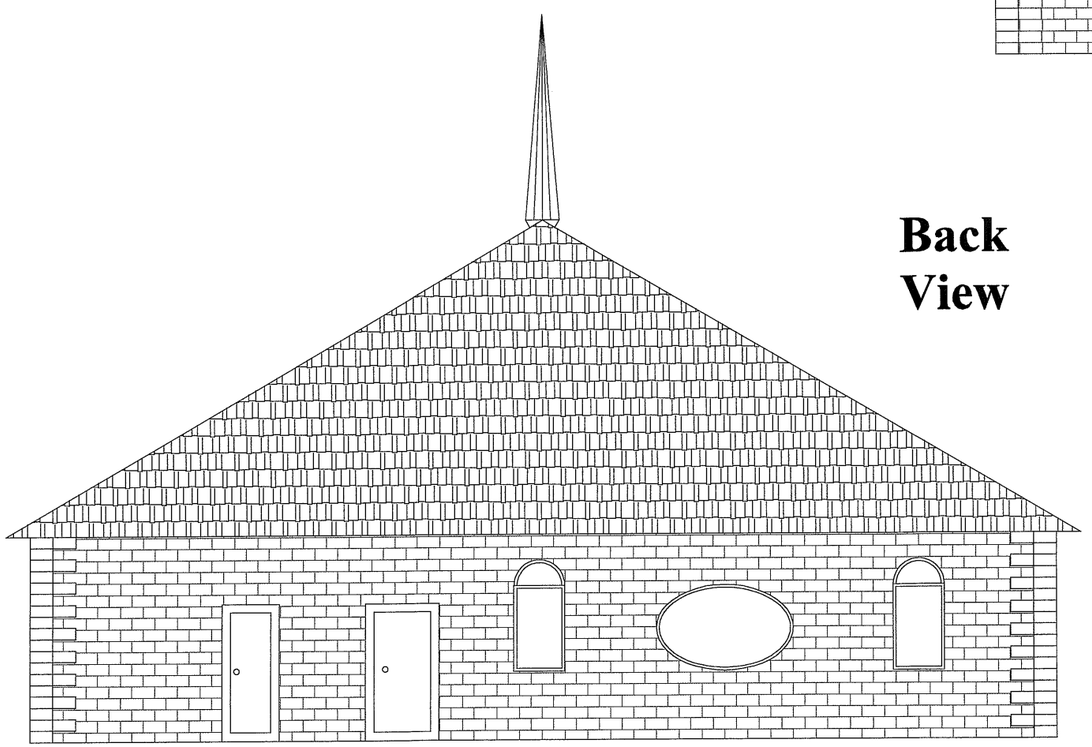


Front View



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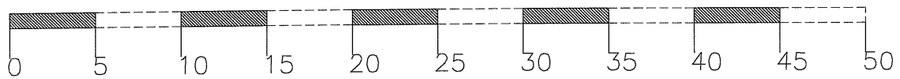

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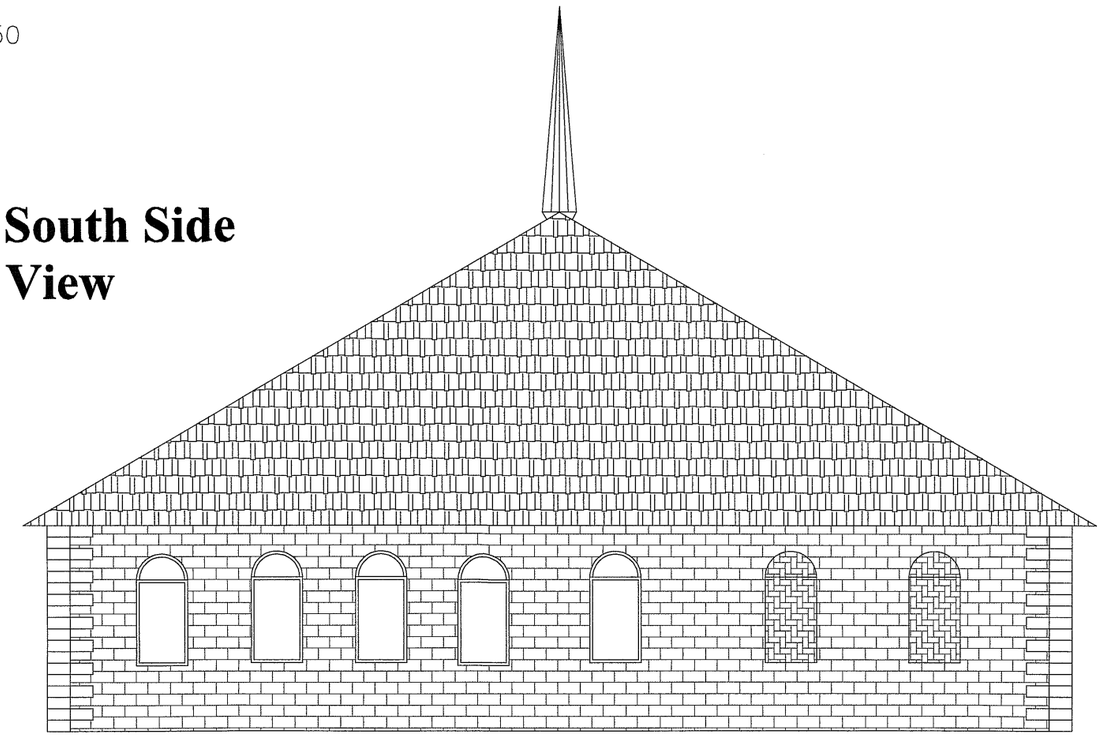
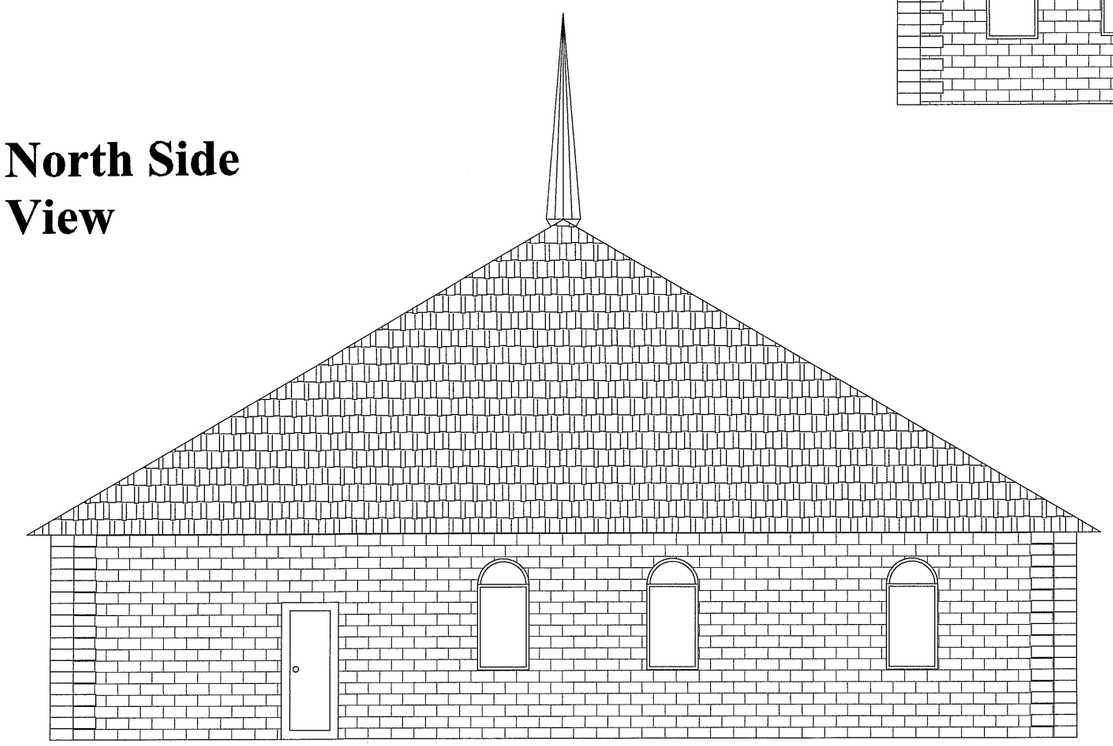
South Side View



North Side View



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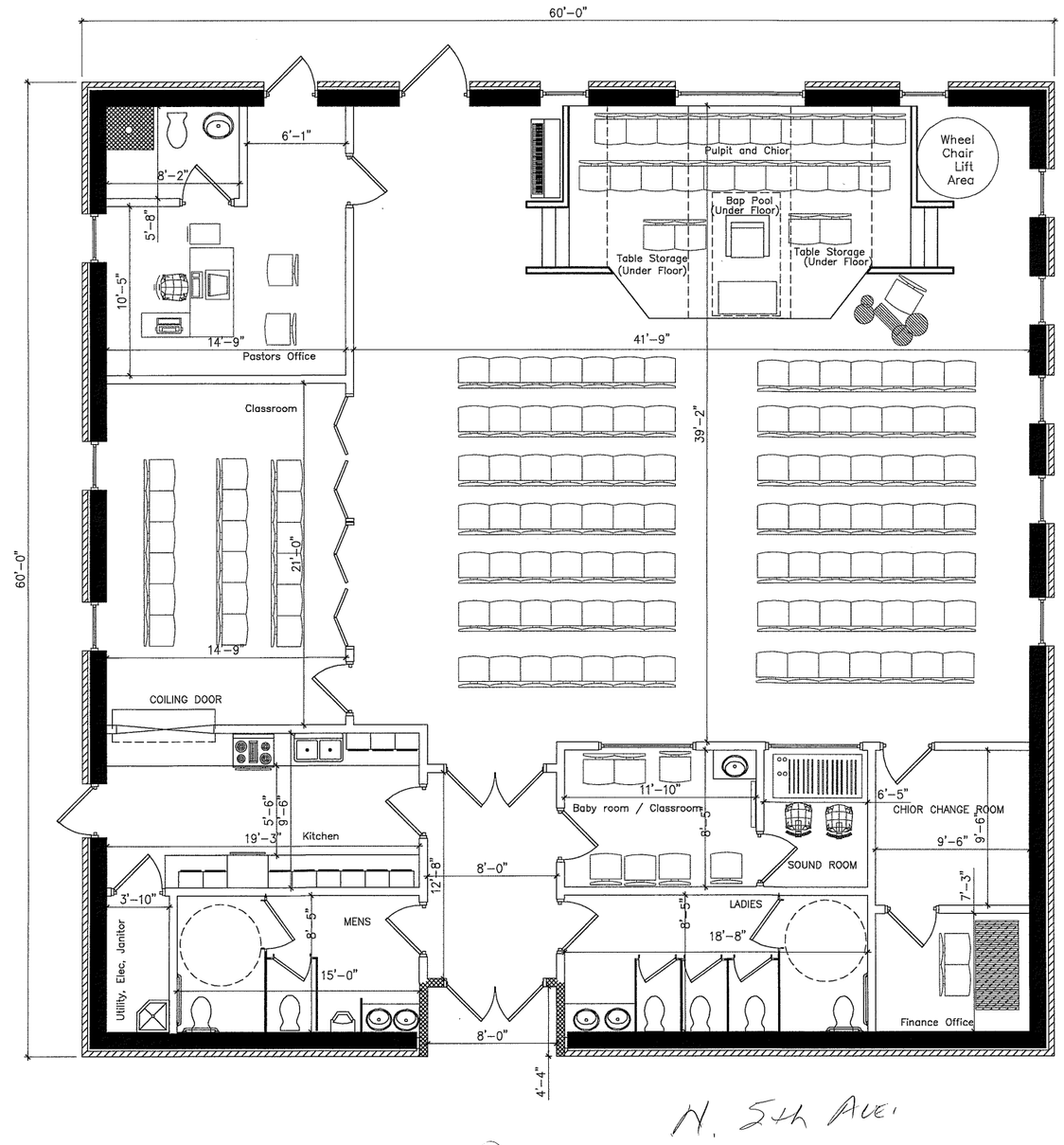

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N. 5th AVE.

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Option 4
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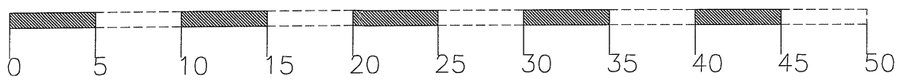

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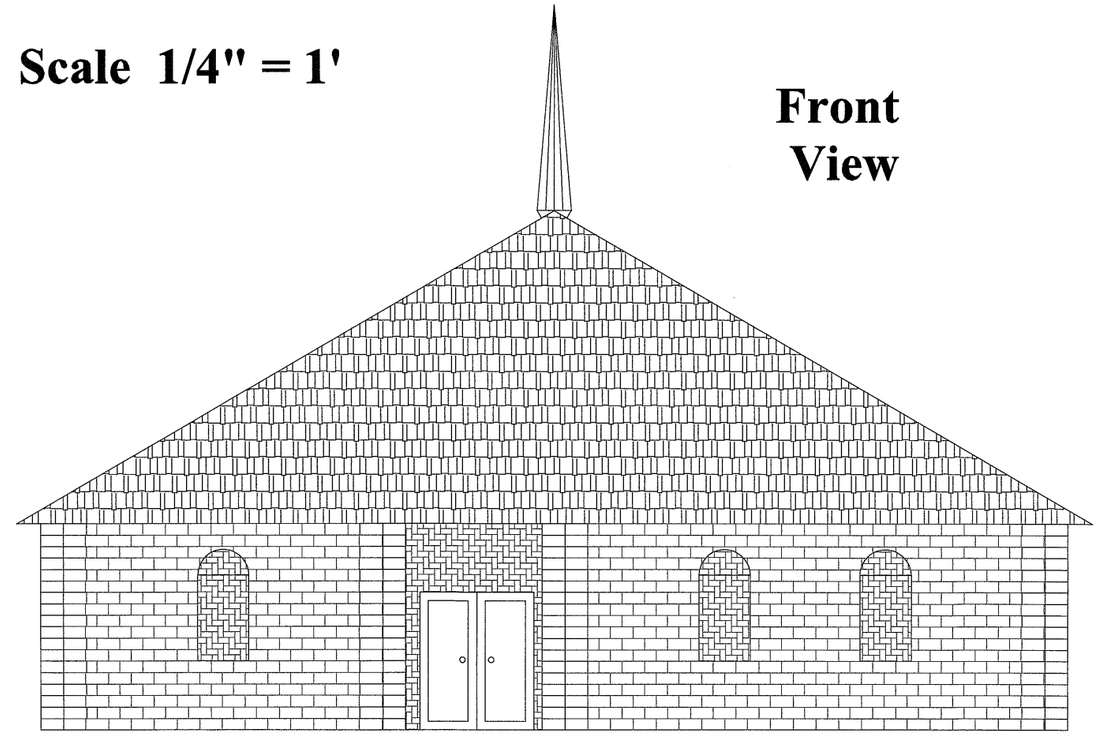
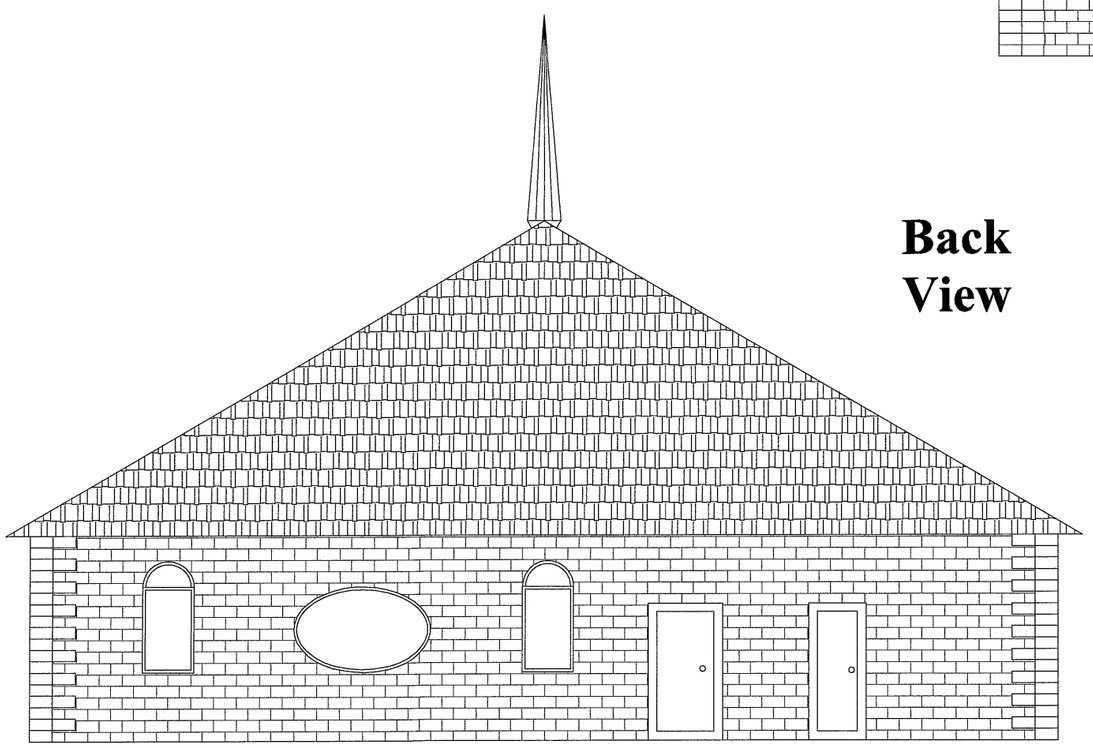
Front View



Back View



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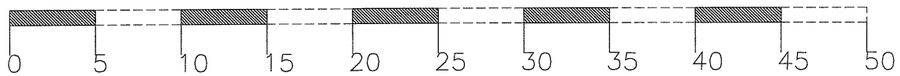

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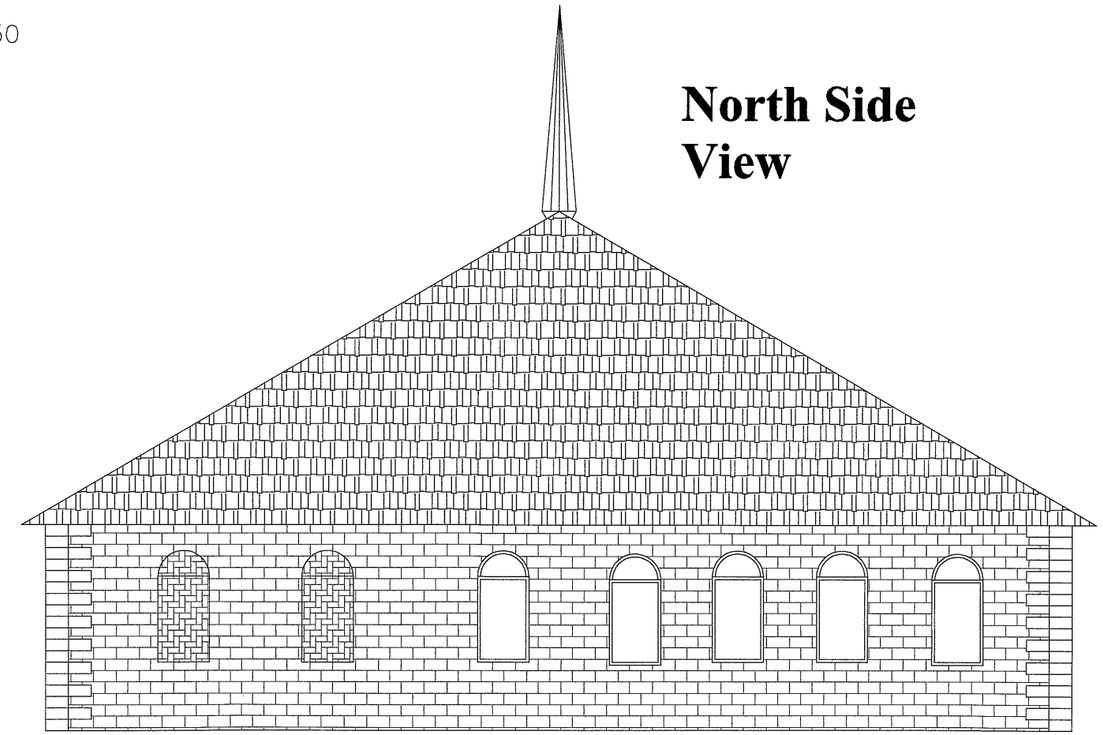
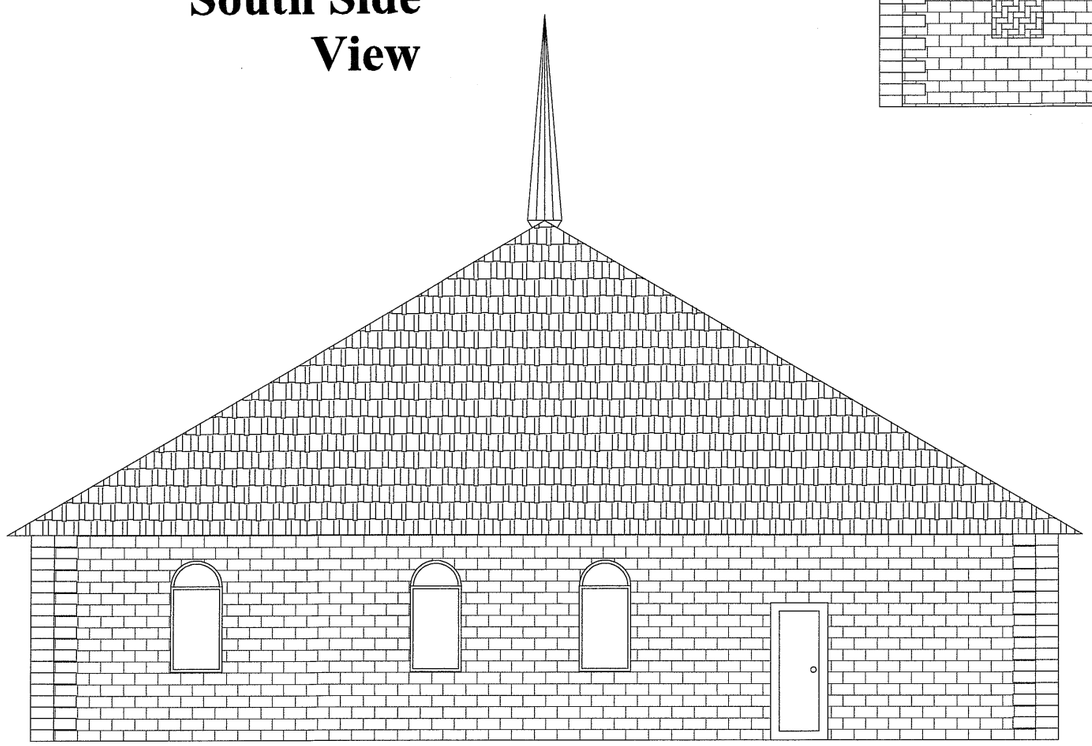
North Side View



South Side View



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