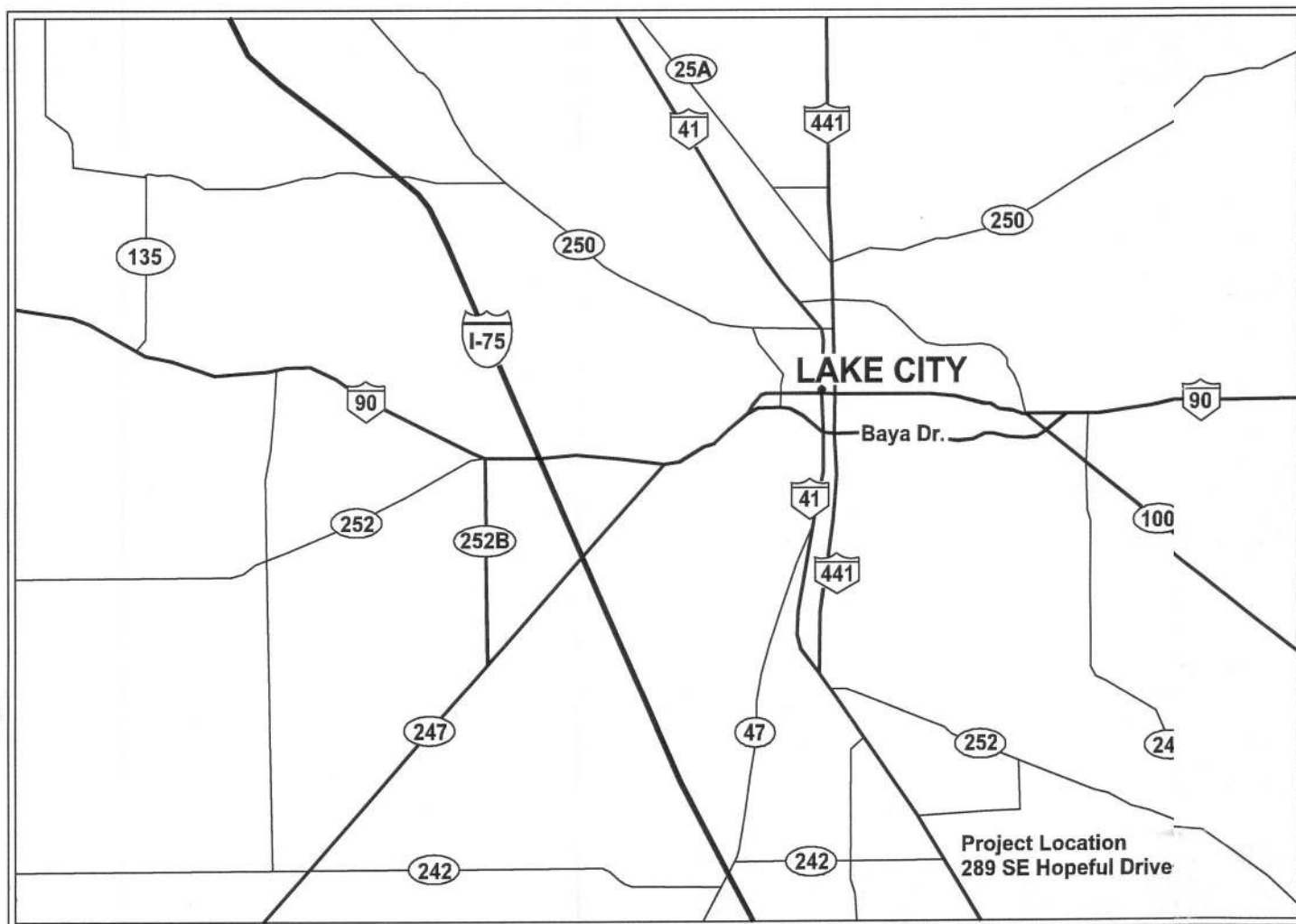




# Hopeful Baptist Youth Building

289 SE Hopeful Drive  
Lake City, FL 32025



PROJECT LOCATION MAP  
SCALE: N.T.S.

## REQUIREMENTS FOR INTERIOR WALL & CEILING FINISHES

INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEX.

CLASS A:  
FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.

CLASS B:  
FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 0-450.

CLASS C:  
FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

### REQUIREMENTS BY OCCUPANCY (UNSPRINKLERED) PER FBC 2007, TABLE 803.5

GROUP	VERTICAL EXITS AND EXIT PASSAGEWAYS (SEE NOTES 1 & 2)	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	ROOMS AND ENCLOSED SPACES (SEE NOTE 3)
A-3	CLASS A	CLASS A	CLASS C

#### TABLE NOTES:

1. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED FOR WAINSCOTTING OR PANELING OF NOT MORE THAN 1.000 SQUARE FEET OF APPLIED SURFACE AREA IN THE GRADE LOBBY WHERE APPLIED DIRECTLY TO A NONCOMBUSTIBLE BASE OR OVER FURRING STRIPS APPLIED TO A NONCOMBUSTIBLE BASE AND FIREBLOCKED AS REQUIRED BY FBC04, SECTION 803.3.1.

2. IN VERTICAL EXITS OF BUILDINGS LESS THAN THREE STORIES IN HEIGHT OF OTHER THAN GROUP I-3, CLASS B INTERIOR FINISH FOR UNSPRINKLERED BUILDINGS AND CLASS C INTERIOR FINISH FOR SPRINKLERED BUILDINGS SHALL BE PERMITTED.

3. REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSED SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

4. CLASS B MATERIAL REQUIRED WHERE BUILDING EXCEEDS TWO STORIES.

5. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ROOMS WITH A CAPACITY OF FOUR PERSONS OR LESS.

6. CLASS B MATERIALS SHALL BE PERMITTED AS WAINSCOTTING EXTENDING NOT MORE THAN 48 INCHES ABOVE THE FINISHED FLOOR IN EXIT ACCESS CORRIDORS.

## REQUIREMENTS FOR INTERIOR FLOOR FINISHES

INTERIOR FLOORFINISH AND FLOOR COVERING MATERIALS SHALL COMPLY WITH THE FOLLOWING EXCEPT FOR FLOORS AND FLOOR COVERINGS OF A TRADITIONAL TYPE, SUCH AS WOOD, VINYL, POLYURETHANE OR TERRAZO, AND RESILIENT FLOOR COVERING MATERIALS WHICH ARE NOT COMPOSED OF FIBERS.

INTERIOR FLOORFINISH AND FLOOR COVERING MATERIALS REQUIRED BY FBC04, SECTION 804.5.1 TO BE CLASS I OR II MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 253. THE CLASSIFICATION REFERRED TO HEREIN CORRESPONDS TO THE CLASSIFICATION DETERMINED BY NFPA 253 AS FOLLOWS: CLASS I, 0.45 WATTS/CM<sup>2</sup> OR GREATER; CLASS II, 0.22 WATTS/CM<sup>2</sup> OR GREATER.

IN ALL OCCUPANCIES, INTERIOR FLOOR FINISH IN VERTICAL EXITS, EXIT PASSAGEWAYS, EXIT ACCESS CORRIDORS AND ROOMS OR SPACES NOT SEPARATED FROM EXIT ACCESS CORRIDORS BY FULL-HEIGHT PARTITIONS EXTENDING FROM THE FLOOR TO THE UNDERSIDE OF THE CEILING SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX AS FOLLOWS:  
INTERIOR FLOORFINISH IN VERTICAL EXITS, EXIT PASSAGEWAYS AND EXIT ACCESS CORRIDORS SHALL NOT BE LESS THAN CLASS I IN GROUPS I-2 AND I-3 AND NOT LESS THAN CLASS II IN GROUPS A, B, E, H, I-4, M, R-1, R-2 AND S. IN ALL OTHER AREAS, THE INTERIOR FLOOR FINISH SHALL COMPLY WITH THE DOWNEY "PILL TEST" (DSC 16 CFR, PART 1630).

## INDEX TO SHEETS

SHEET 0	COVER SHEET, T, LOCATION MAP LIST OF DELEGATIONS, SHEET INDEX BUILDING DESIGN DATA & SPECIFICATIONS
SHEET 1	ELEVATIONS & TYPICAL SECTION
SHEET 2	FLOOR PLAN
SHEET 3	LIFE SAFETY / ACCESSIBILITY PLAN
SHEET 4	ELECTRICAL PLAN
SHEET 5	PLUMBING PLAN
SHEET 6	MECHANICAL PLAN
SHEET S-1	WINDLOAD DETAILS
SHEET S-2	FOUNDATION PLAN
SHEET S-3	STRUCTURAL PLAN

## REVISIONS

## BUILDING DESIGN DATA

1. SITE REQUIREMENTS:  
- THIS BUILDING PLAN DOES NOT INCLUDE SITE PLAN.

2. OCCUPANCY GROUP REQUIREMENTS:  
- BUILDING GROUP: A-3, ASSEMBLY USES INTENDED FOR WORSHIP

3. MINIMUM TYPE OF CONSTRUCTION:  
- TYPE OF CONSTRUCTION: TYPE III B  
(TYPE III CONSTRUCTION IS THAT TYPE OF CONSTRUCTION IN WHICH THE EXTERIOR WALLS ARE OF NONCOMBUSTIBLE MATERIALS AND THE INTERIOR BUILDING ELEMENTS ARE OF ANY MATERIAL PERMITTED BY FBC 2007)  
- MAXIMUM HEIGHT & AREA PER TABLE 503: 2 STORY / 9,500 (PER FLOOR)  
- BUILDING HEIGHT: 1 STORY  
- BUILDING AREA: 5,000 SF  
- TOTAL UNDER ROOF AREA: 5816 SF < 9,500 SF

4. FIRE RESISTANT CONSTRUCTION REQUIREMENTS:  
- RATING REQUIREMENTS FOR BUILDING ELEMENTS (PER TABLE 601 & 602)

TYPE III B CONSTRUCTION:	
STRUCTURAL FRAME (INCLUDING: COLUMNS, GIRDERS, TRUSSES)	0 HR.
BEARING WALLS - EXTERIOR	2 HR.
BEARING WALLS - INTERIOR	0 HR.
NON-BEARING WALLS - EXTERIOR	0 HR.
NON-BEARING WALLS - INTERIOR	0 HR.
FLOOR CONSTRUCTION (INCLUDING: SUPPORTING BEAM & JOISTS)	0 HR.
ROOF CONSTRUCTION (INCLUDING: SUPPORTING BEAM & JOISTS)	0 HR.

- FIRE SEPARATION DISTANCE = >30'  
- MAXIMUM AREA OF EXTERIOR WALL OPENING (PER TABLE 704.80): PROTECTED OR UNPROTECTED - NO LIMIT

5. FIRE SUPPRESSION SYSTEM:  
- NONE

6. LIFE SAFETY SYSTEMS:  
- SHEET 3

7. OCCUPANCY LOAD / EGRESS REQUIREMENTS:  
- OCCUPANCY LOAD = 386 PERSONS (ALL ROOMS)  
(BASED ON TABLE 1004.1.1, SEE SHEET 3 FOR CALCULATIONS)  
- EXIT CAPACITY (BASED ON TABLE 1005.1)  
TOTAL EXIT WIDTH 160' / 2' = 800 PERSONS > 420 PERSONS  
- MINIMUM NUMBER OF EXITS (PER 1015.1)  
REQUIRED = 2 PROVIDED = 3  
- MAXIMUM EXIT ACCESS TRAVEL DISTANCE (PER TABLE 1016.1)  
ALLOWABLE = 200' ACTUAL = 55'

### STRUCTURAL REQUIREMENTS:

- ASSUMED SOIL BEARING CAPACITY = 1000 PSF  
IT IS THE BUILDERS RESPONSIBILITY TO PROVIDE SOIL BEARING TESTS FOR REVIEW BY THE ENGINEER OF RECORD, AND BUILDING OFFICIAL PRIOR TO CONSTRUCTION OR ORDERING ANY MATERIALS.

### DESIGN LOADS:

FLOOR:  
ASSEMBLY AREAS - MOVEABLE SEATING = 100 PSF UNIFORM LOAD  
STAGES & PLATFORMS = 125 PSF UNIFORM LOAD

ROOF: 20 PSF UNIFORM LOAD

- WIND LOADS PER FLORIDA BUILDING CODE 2007, SECTION 1609:

ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS;  
MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT ON UPPER HALF OF HILL OR ESCARPMENT 80 FT IN EXP. B, 30 FT IN EXP. C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 500 FEET OR 1 MILE WHICHEVER IS LESS.)

BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE

BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGION

1.) BASIC WIND SPEED = 110 MPH
2.) WIND EXPOSURE = C
3.) WIND IMPORTANCE FACTOR = 1.0
4.) BUILDING CATEGORY = II
5.) ROOF ANGLE = 10-45 DEGREES
6.) MEAN ROOF HEIGHT = <30 FT
7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)
8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES

Zone	Effective Wind Area (ft <sup>2</sup> )	
	10	100
1	27.8 -30.5	25.3 -25.3
2	27.8 -35.7	25.3 -30.5
2 Other	-56.8	-56.8
3	27.8 -35.7	25.3 -30.5
3 Other	-95.6	-59.3
4	30.5 -33.0	25.9 -28.5
5	30.5 -40.7	25.9 -31.6

9. MATERIALS AND FINISHES  
- THIS PLAN DOES NOT INCLUDE DETAILED FINISH SPECS. IT IS THE BUILDERS RESPONSIBILITY TO VERIFY THAT ALL MATERIALS AND FINISHES USED COMPLY WITH THE FBC 2007 AND THE 2007 FFPC.

10. ACCESSIBILITY REQUIREMENTS:  
- SHEET 3

11. INTERIOR FINISH REQUIREMENTS:  
- SHEET 0

12. SPECIAL SYSTEMS:  
- BUILDER IS TO PROVIDE SHOP DRAWING AND DETAILED SPECS OF ANY SPECIAL SYSTEMS.

13. SWIMMING POOLS:  
- NONE

## REVISIONS


SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

ENGINEER OF RECORD: Mark Discoway,  
P.E. No. 53915, P.O. Box 868 Lake City, FL  
32025, 386-754-5419

DIMENSIONS:  
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: These plans and Cover Sheet A-0, attached, comply with applicable portions of the Florida Building Code 2007 & 2009 supplements, to the best of my knowledge.

LIMITATION: This design is valid for one building at specified location. In case of conflict, structural requirements scope of work, and builder responsibilities control.



## Hopeful Baptist Youth Building

ADDRESS:  
289 SE Hopeful Drive  
Lake City FL 32025  
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windloadengineer@bellsouth.net

PRINTED DATE:  
December 02, 2009

DRAWN BY: Evan Beamaley  
CHECKED BY:

FINALES DATE:  
Dec. 2, 2009

JOB NUMBER:  
90205

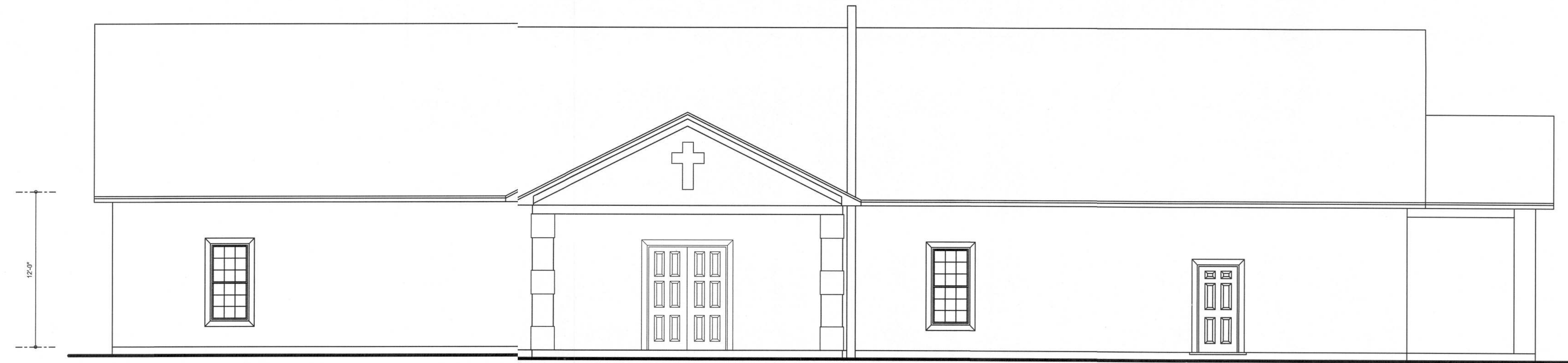
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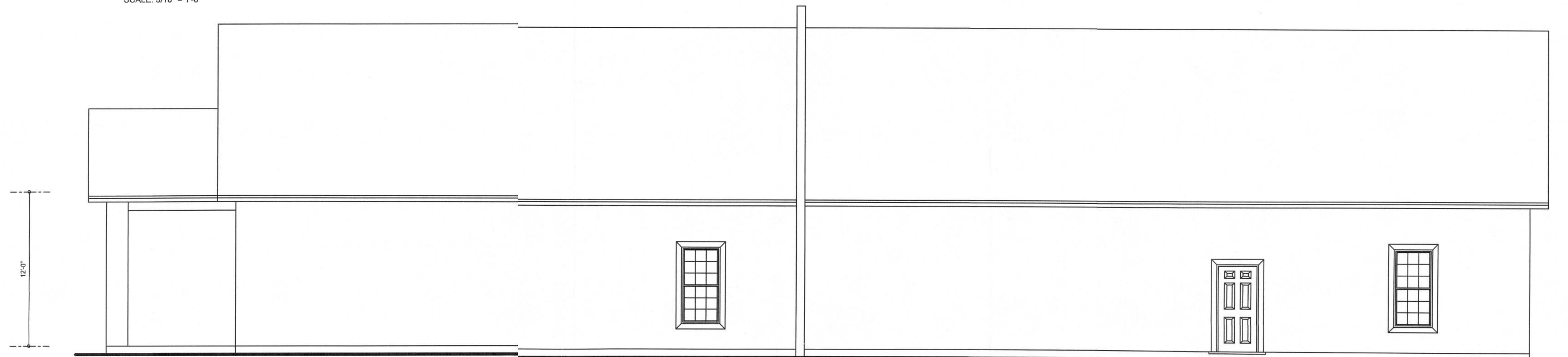


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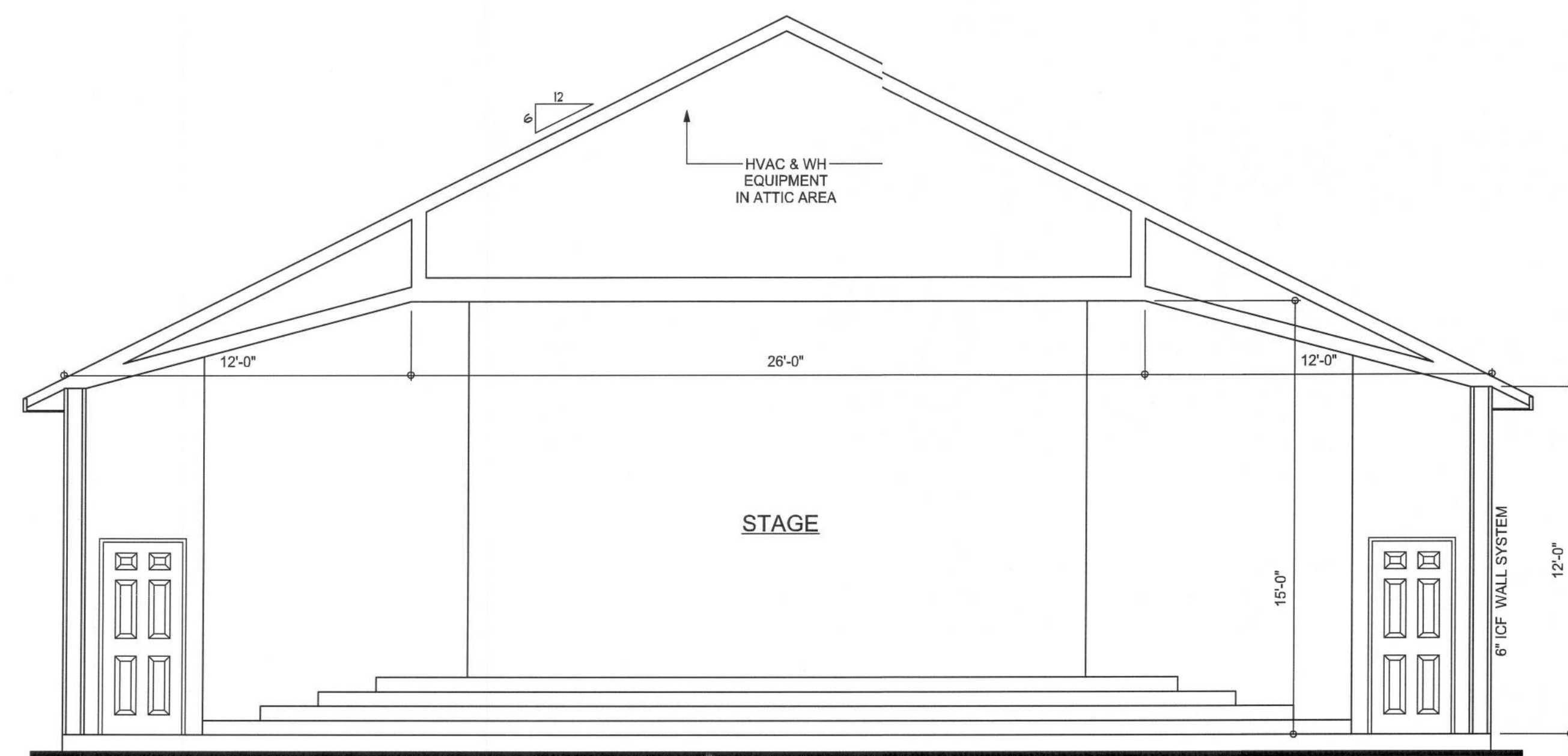
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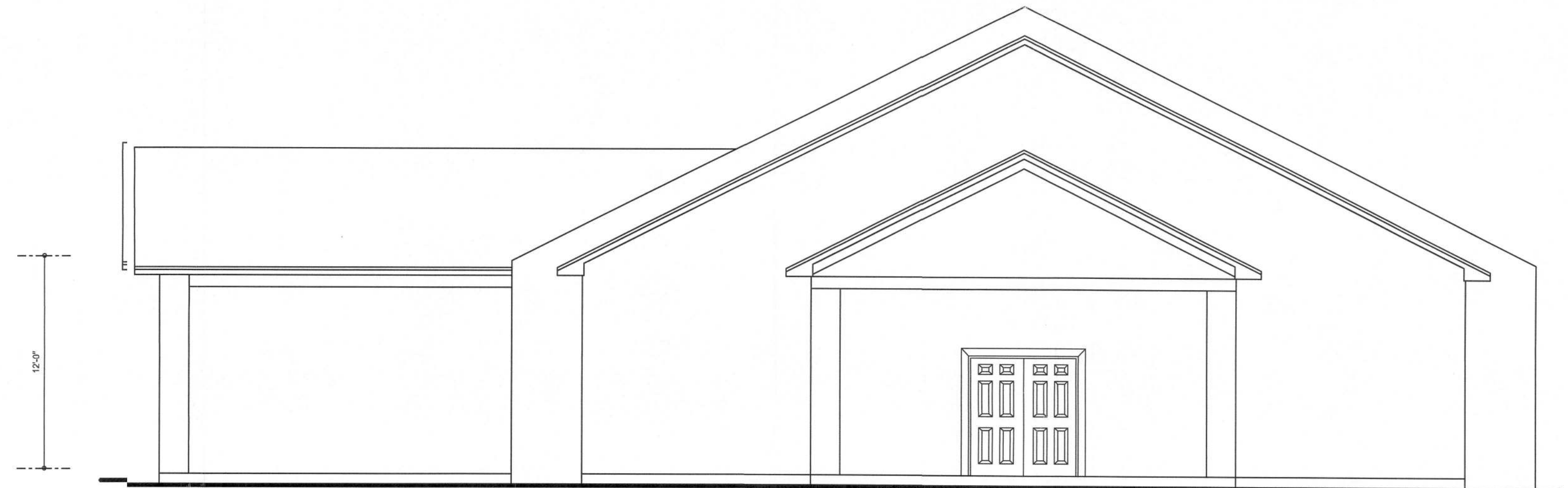
**FRONT ELEVATION**  
SCALE: 3/16" = 1'-0"



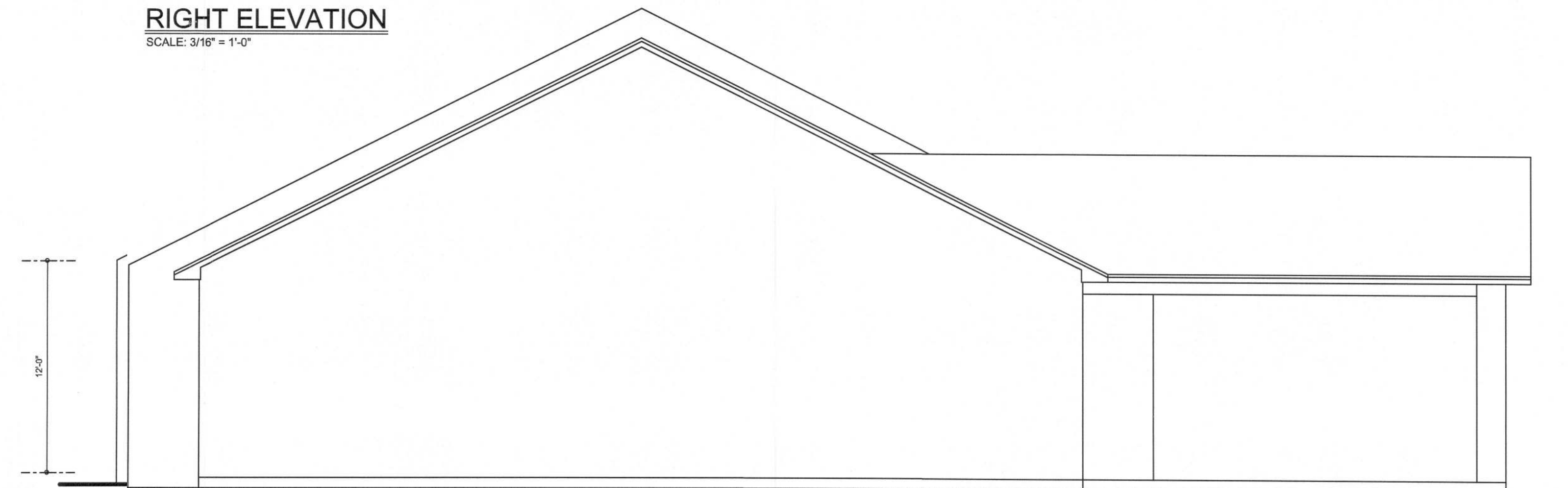
**REAR ELEVATION**  
SCALE: 3/16" = 1'-0"



**TYPICAL SECTION A-A**  
SCALE: 1/4" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 3/16" = 1'-0"



**LEFT ELEVATION**  
SCALE: 3/16" = 1'-0"

ENGINEER OF RECORD: Mark Discoway,  
PE No. 53915, POB 88, Lake City, FL  
32056, 386-754-5419

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FINALES DATE:  
Dec. 2, 2009

JOB NUMBER:  
905205

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AREA SUMMARY

CONDITIONED AREA	5000	S. F.
PORTICO AREA	576	S. F.
PORCH AREA	240	S. F.
TOTAL AREA	5816	S. F.

PORTICO  
12' FLAT CEILING

LIFE SAFETY PLAN

1ST FLOOR PLAN  
SCALE: 1/4" = 1'-0"

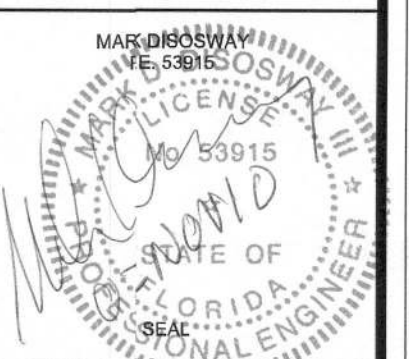
ENGINEER OF RECORD: Mark Dossoway, P.E.  
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Youth Building

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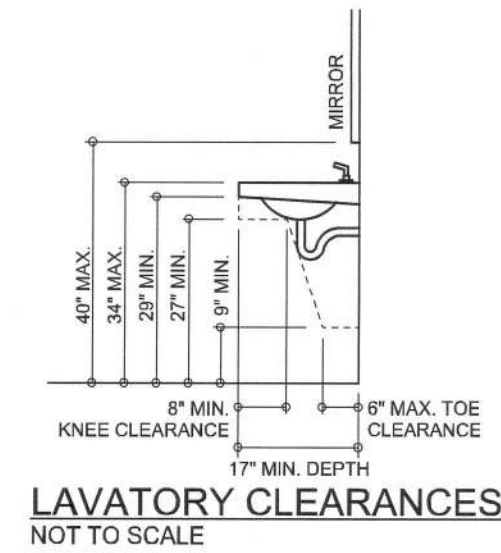
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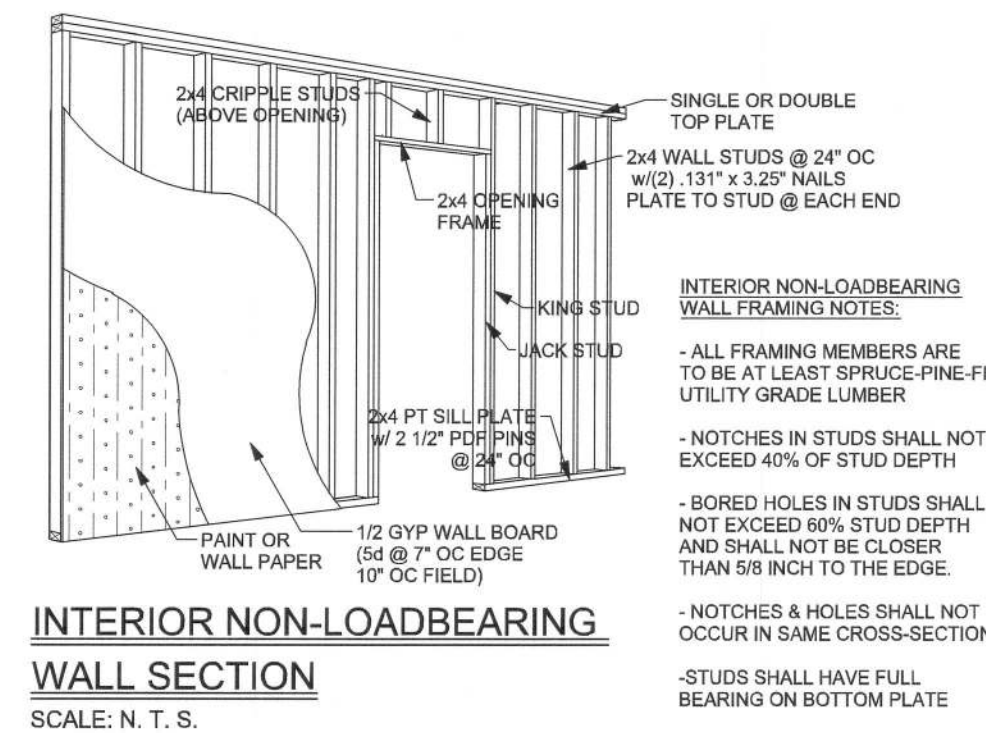
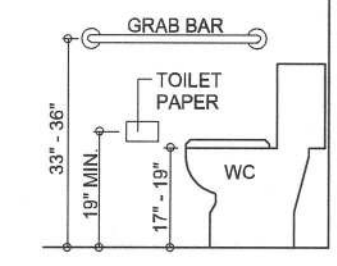
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### WATER CLOSET CLEARANCES

NOT TO SCALE

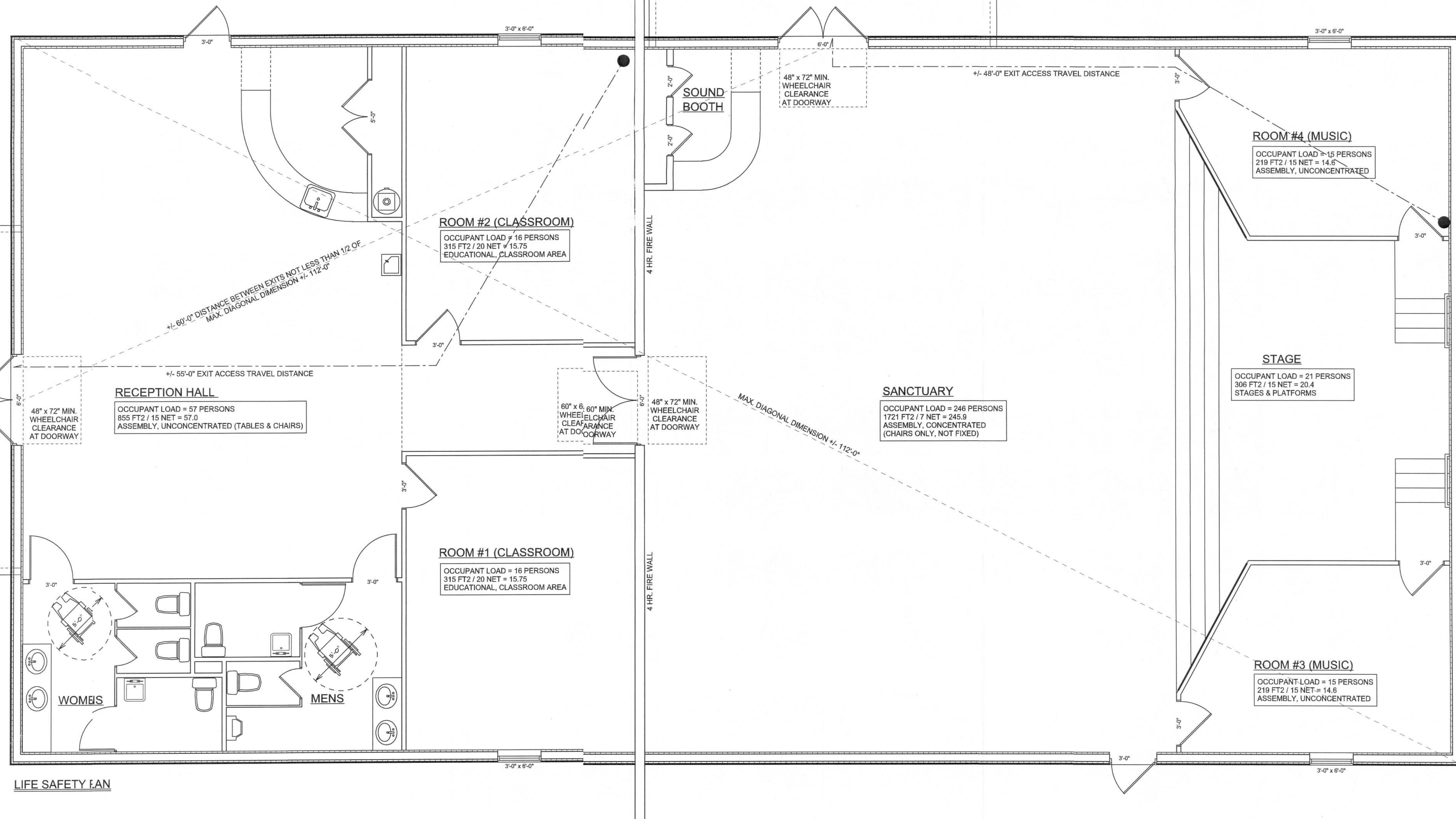
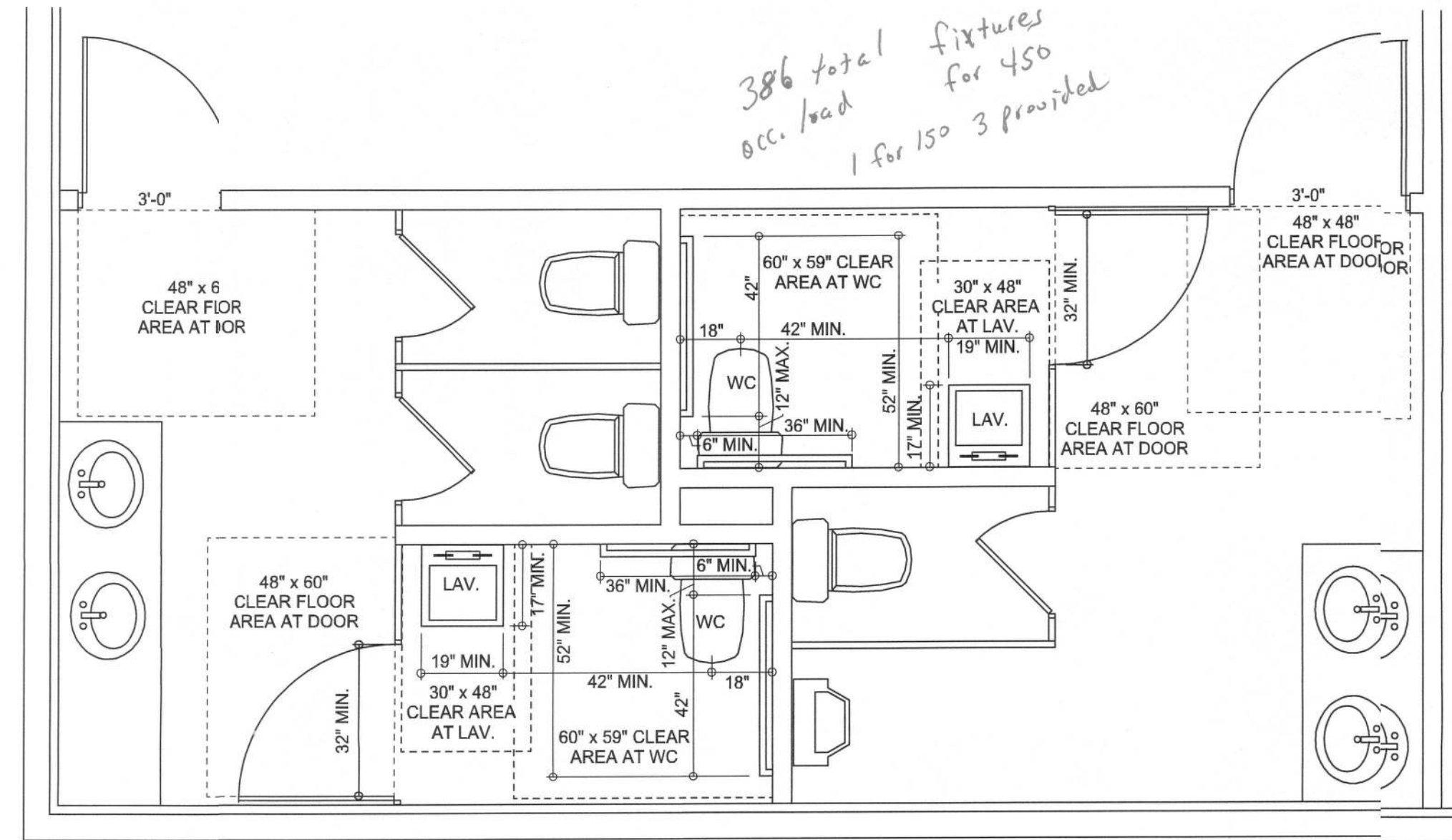


### INTERIOR NON-LOADBEARING WALL SECTION

SCALE: N. T. S.

FIRE EXTINGUISHMENT REQUIREMENTS:  
BUILDING CONTAINING ASSEMBLY OCCUPANCIES WITH  
OCCUPANT LOADS OF MORE THAN 300 SHALL BE  
PROTECTED BY AN APPROVED, SUPERVISED AUTOMATIC  
SPRINKLER SYSTEM IN ACCORDANCE WITH SEC. 9.7

SANCTUARY AREA, 297 PERSONS = NO SYSTEM REQUIRED  
RECEPTION AREA, 89 PERSONS = NO SYSTEM REQUIRED



### FIRE SEPARATION WALL REQUIREMENTS PER FBC 705:

705.5 Horizontal continuity.  
Fire walls shall be continuous from exterior wall to exterior wall and shall extend at least 18 inches beyond the exterior surface of exterior walls.

Exceptions:

2. Fire walls shall be permitted to terminate at the interior surface of noncombustible exterior sheathing, exterior siding or other noncombustible exterior finishes provided the sheathing, siding, or other exterior noncombustible finish extends a horizontal distance of at least 4 feet on both sides of the fire wall.

705.5.2 Horizontal projecting elements.  
Fire walls shall extend to the outer edge of horizontal projecting elements such as balconies, roof overhangs, canopies, marquees and similar projections that are within 4 feet of the fire wall.

Exceptions:

1. Horizontal projecting elements without concealed spaces, provided the exterior wall behind and below the projecting element has not less than 1-hour fire-resistance-rated construction for a distance not less than the depth of the projecting element on both sides of the fire wall. Openings within such exterior walls shall be protected by opening protectives having a fire protection rating of not less than 3/4 hour.

705.6 Vertical continuity.  
Fire walls shall extend from the foundation to a termination point at least 30 inches above both adjacent roofs.

Exceptions:

4. In buildings of Type III, IV and V construction, walls shall be permitted to terminate at the underside of combustible roof sheathing or decks provided:

4.1. There are no openings in the roof within 4 feet of the fire wall.

4.2. The roof is covered with a minimum Class B roof covering, and

4.3. The roof sheathing or deck is constructed of fire-retardant-treated wood for a distance of 4 feet on both sides of the wall or the roof is protected with 5/8 inch Type X gypsum board directly beneath the underside of the roof sheathing or deck, supported by a minimum of 2-inch nominal ledgers attached to the sides of the roof framing members for a minimum distance of 4 feet on both sides of the fire wall.

705.8 Openings.  
Each opening through a fire wall shall be protected in accordance with Section 715.4 and shall not exceed 120 square feet. The aggregate width of openings at any floor level shall not exceed 25 percent of the length of the wall.

705.11 Ducts and air transfer openings.  
Ducts and air transfer openings shall not penetrate fire walls.

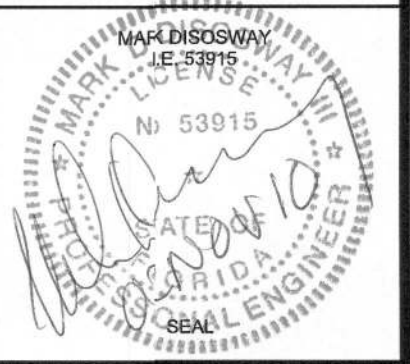
ENGINEER OF RECORD: Mark Disoway,  
PE No. 53915, POE665, Lake City, FL,  
32056, 386-754-549

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PRINTED DATE:  
December 02, 2009

DRAWN BY:  
Evan Beamle

CHECKED BY:

FINALS DATE:  
Dec. 2, 2009

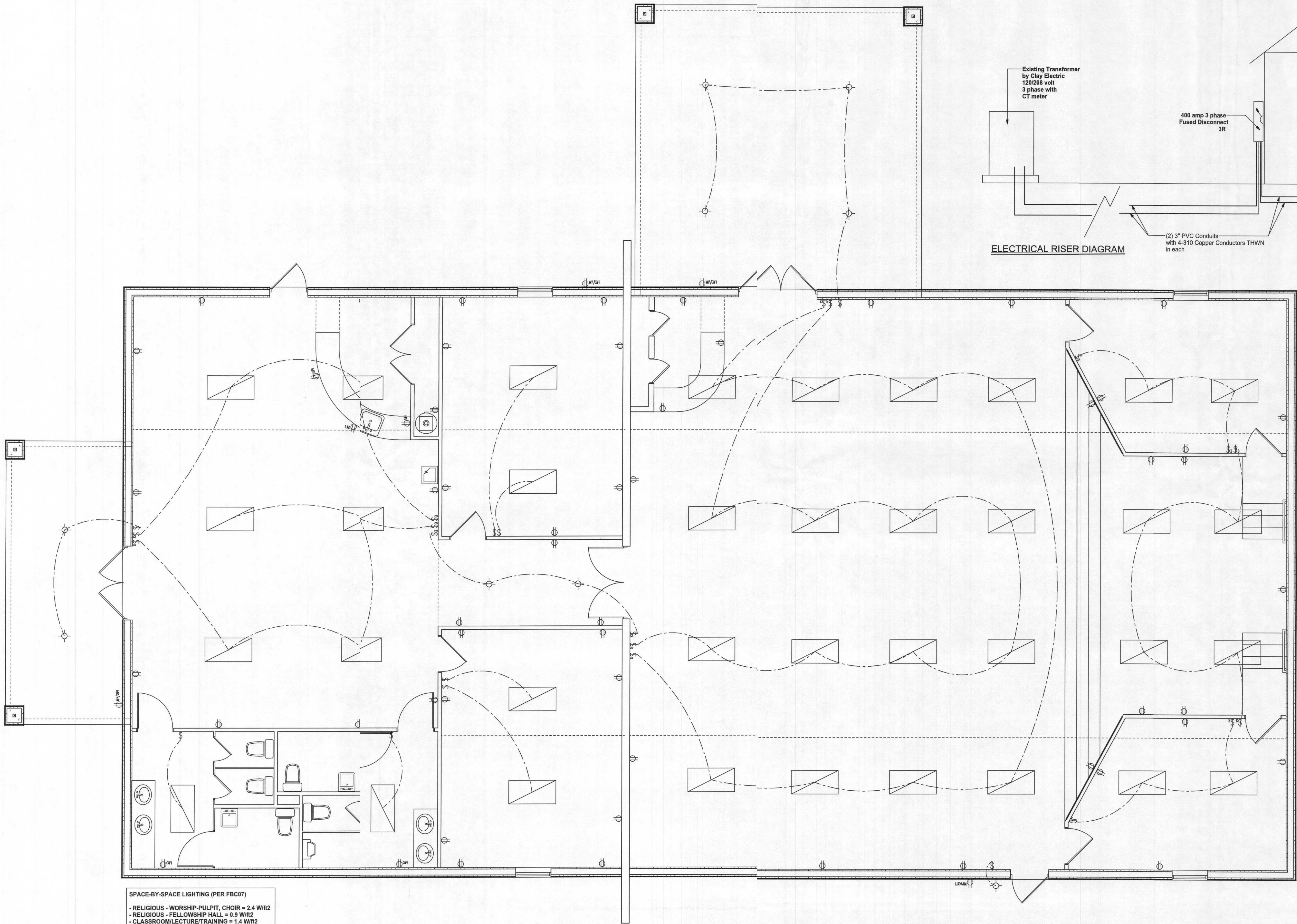
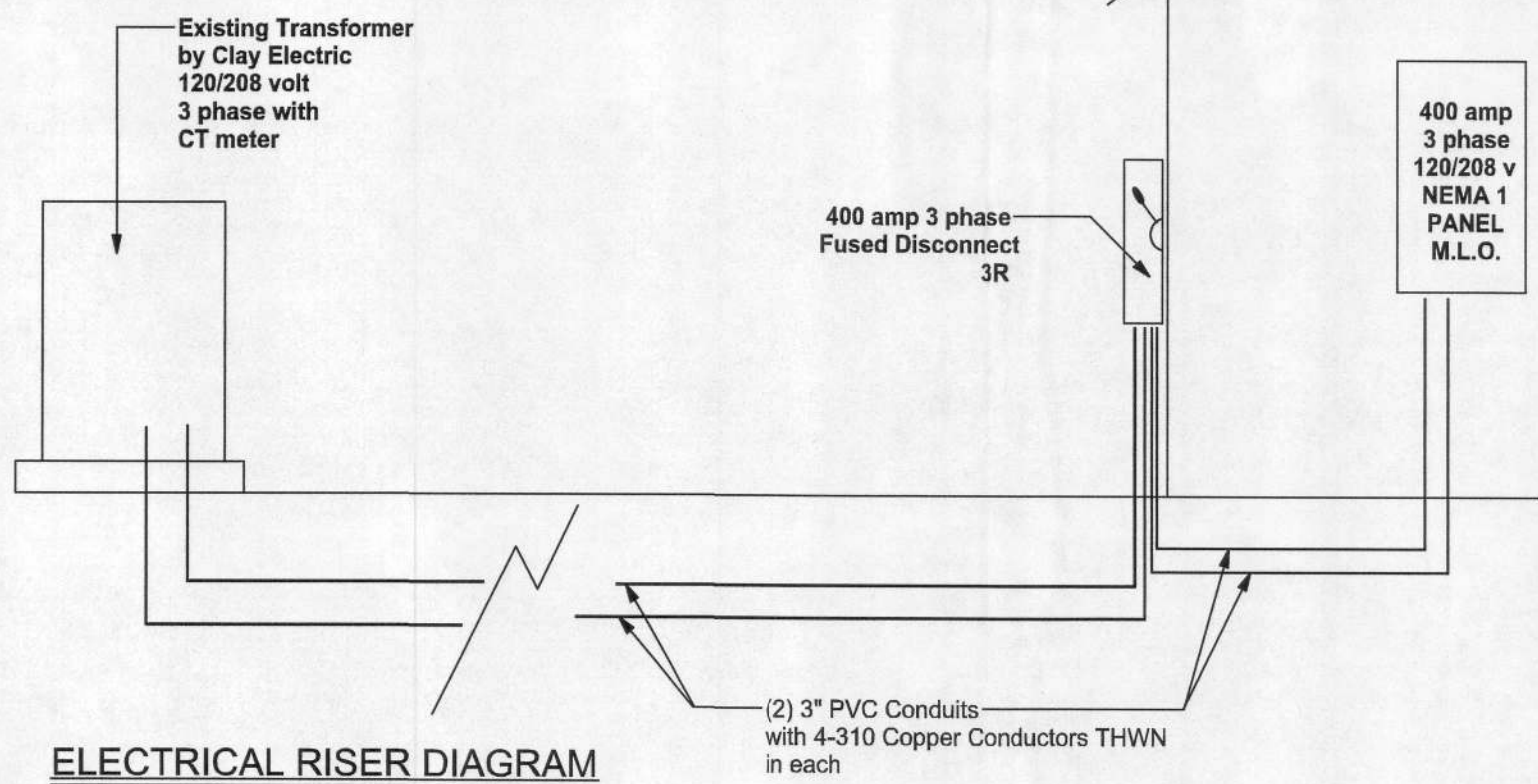
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SPACE-BY-SPACE LIGHTING (PER FBC07)

- RELIGIOUS - WORSHIP-PULPIT, CHOIR = 2.4 W/ft<sup>2</sup>
- RELIGIOUS - FELLOWSHIP HALL = 0.9 W/ft<sup>2</sup>
- CLASSROOM/LECTURE/TRAINING = 1.4 W/ft<sup>2</sup>
- RESTROOMS = 0.9 W/ft<sup>2</sup>

**ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

**Hopeful Baptist  
Youth Building**

ADDRESS:  
289 E Hopeful Drive  
Lak City, FL 32025  
Columbia County, Florida

High Springs  
Plumbing & Electric  
20605 N US Highway 441  
High Springs, FL  
386-454-1407

PRINTED DATE:  
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FINALES DATE:  
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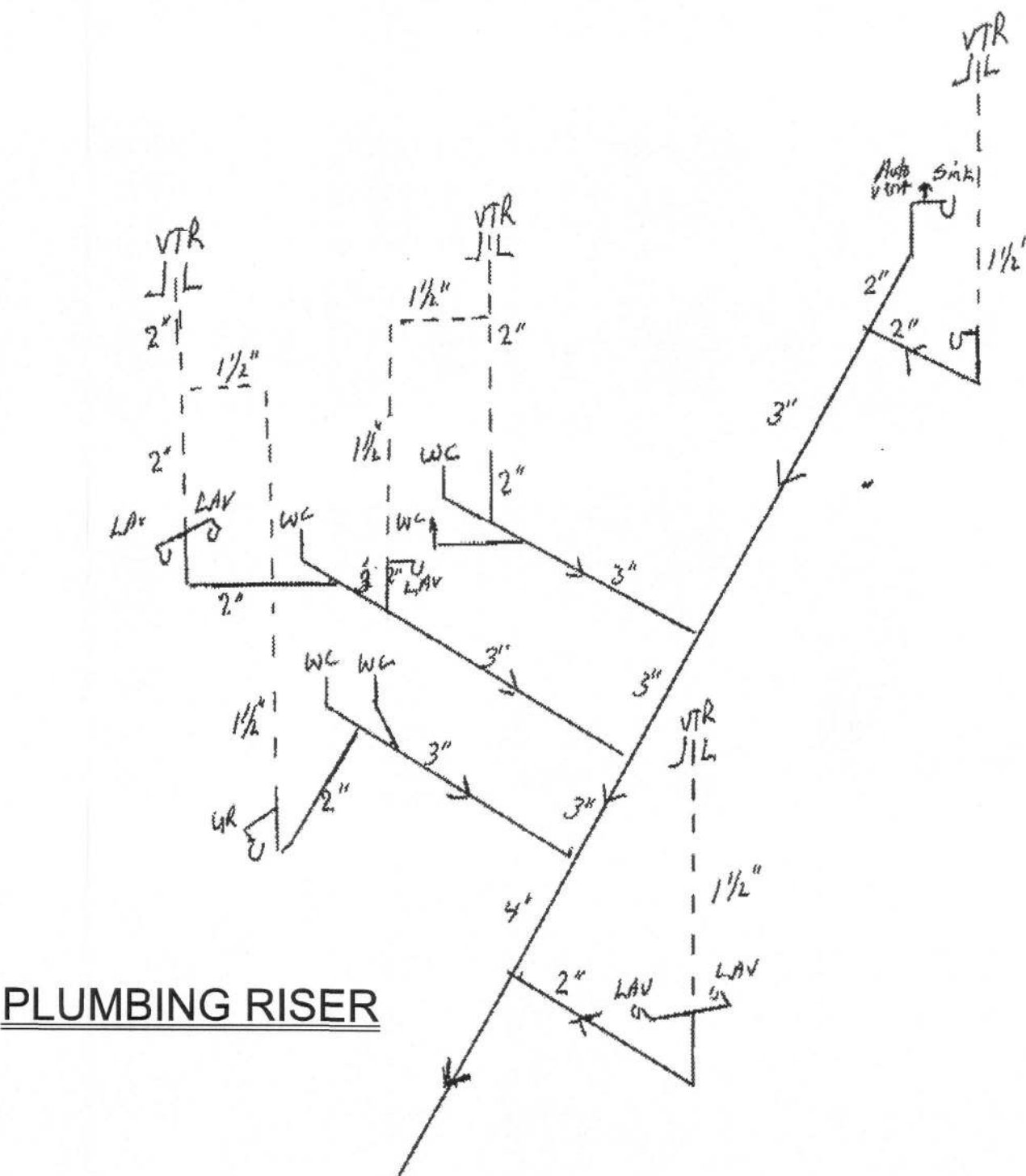
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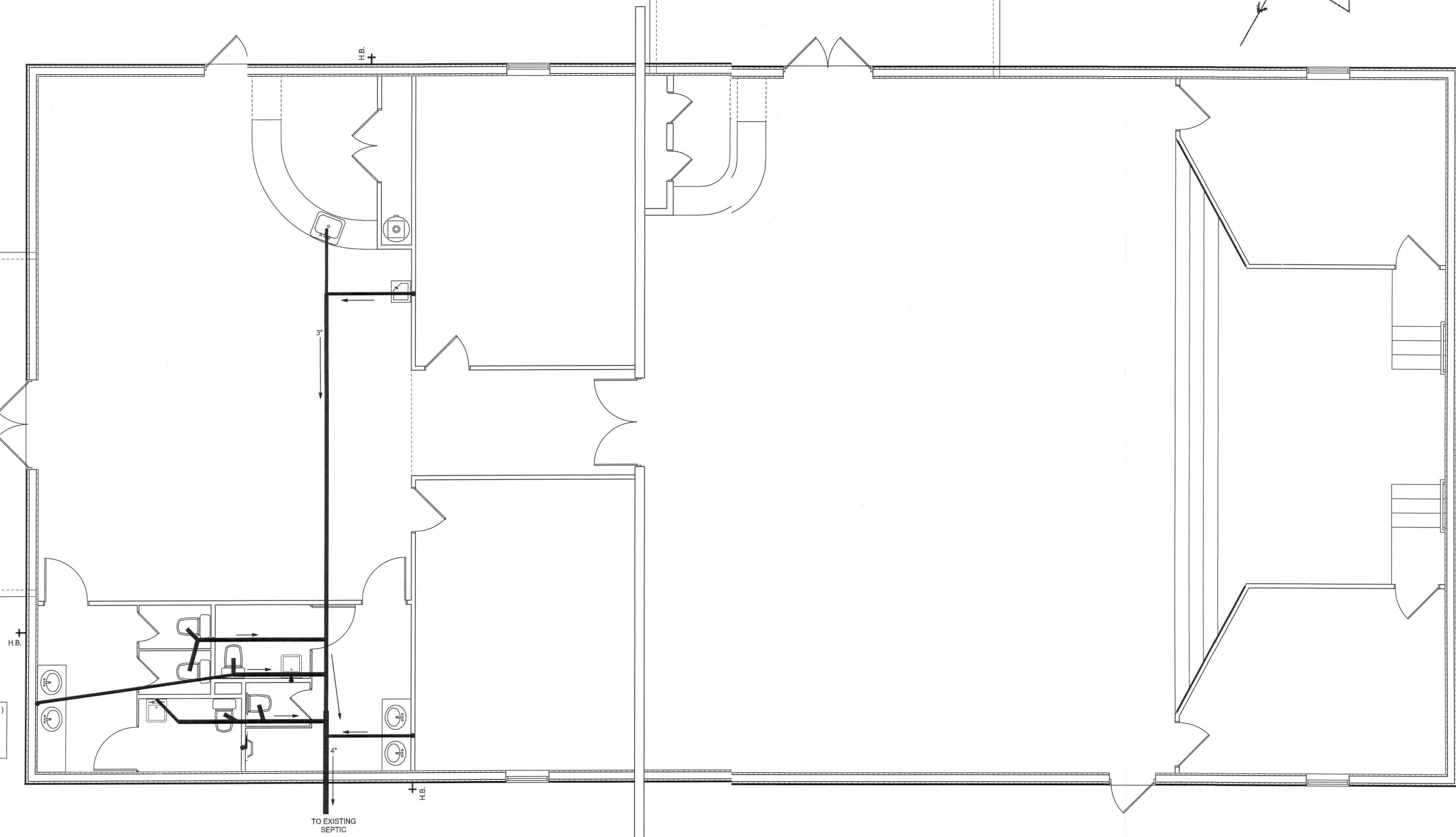
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MIN. NUMBER OF PLUMBING FIXTURES (403.1)  
 WATER CLOSET = WOMENS 3 / MENS 2  
 LAVATORIES = WOMENS 2 / MENS 2  
 DRINKING FOUNTAIN = 1 TOTAL  
 SERVICE SINK = 1 TOTAL  
 POTTY PARITY = 3 WOMAN : 2 MEN

PLUMBING LAYOUT



### Hopeful Baptist Youth Building

ADDRESS:  
 289 SE Hopeful Drive  
 Lake Cir, FL 32025  
 Columbia County, Florida

High Springs  
 Plumbing & Electric  
 20605 N US Highway 441  
 High Springs, FL  
 386-44-1407

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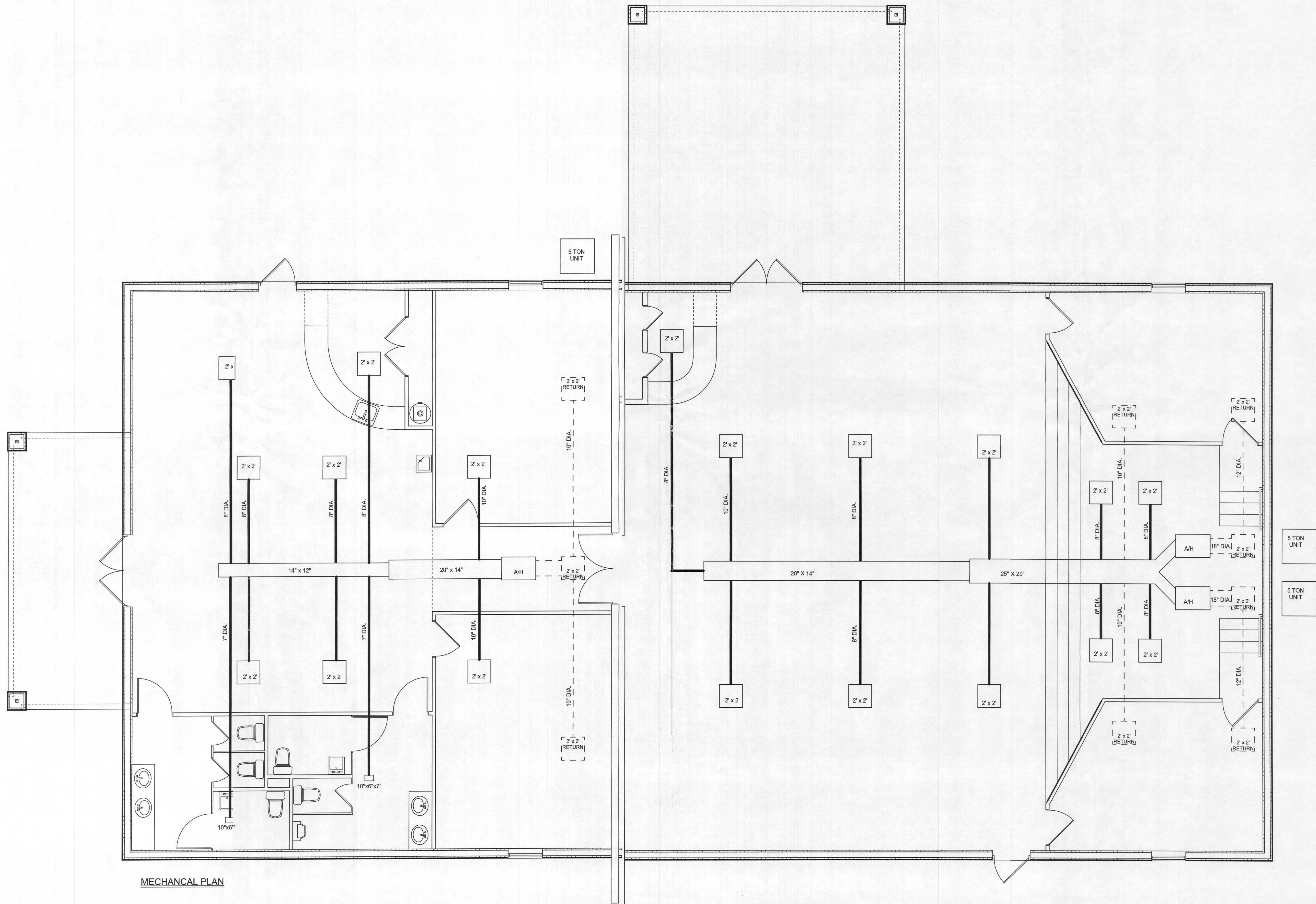
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FINALES DATE:  
 Dec. 02, 2009

JOB NUMBER:  
 90205

DRAWING NUMBER





MECHANICAL PLAN

**Hopeful Baptist  
Youth Building**

ADDRESS:  
28 SE Hopeful Drive  
Lake City, FL 32025  
Columbia County, Florida

**WILSON  
HEATING & AIR**

PRINTED DATE:  
December 02, 2009

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**JCB NUMBER:  
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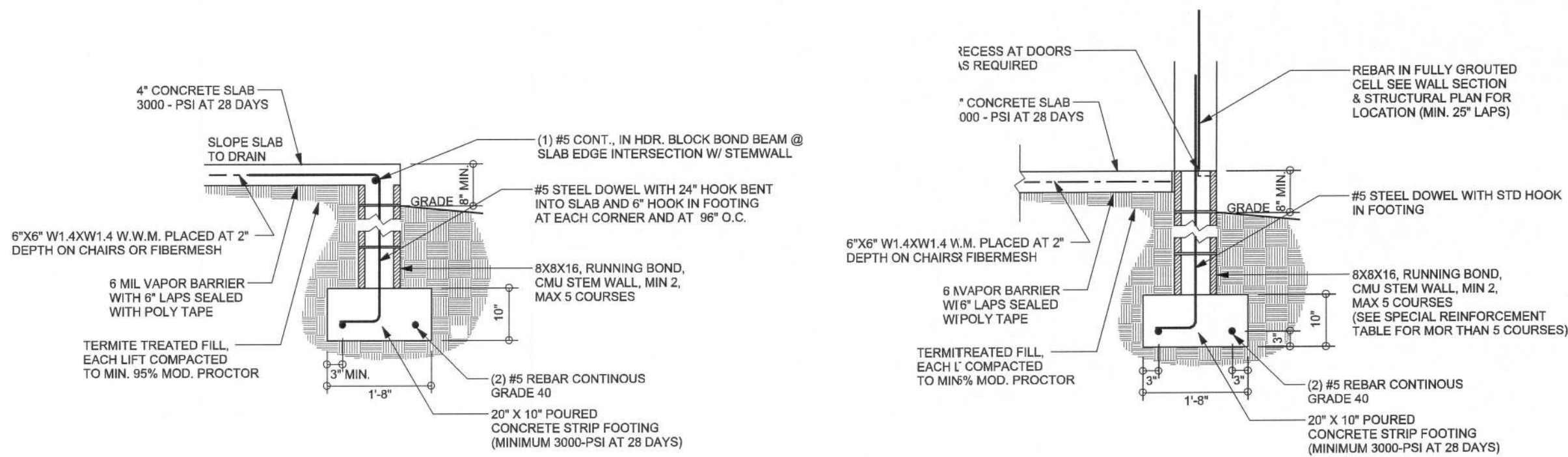




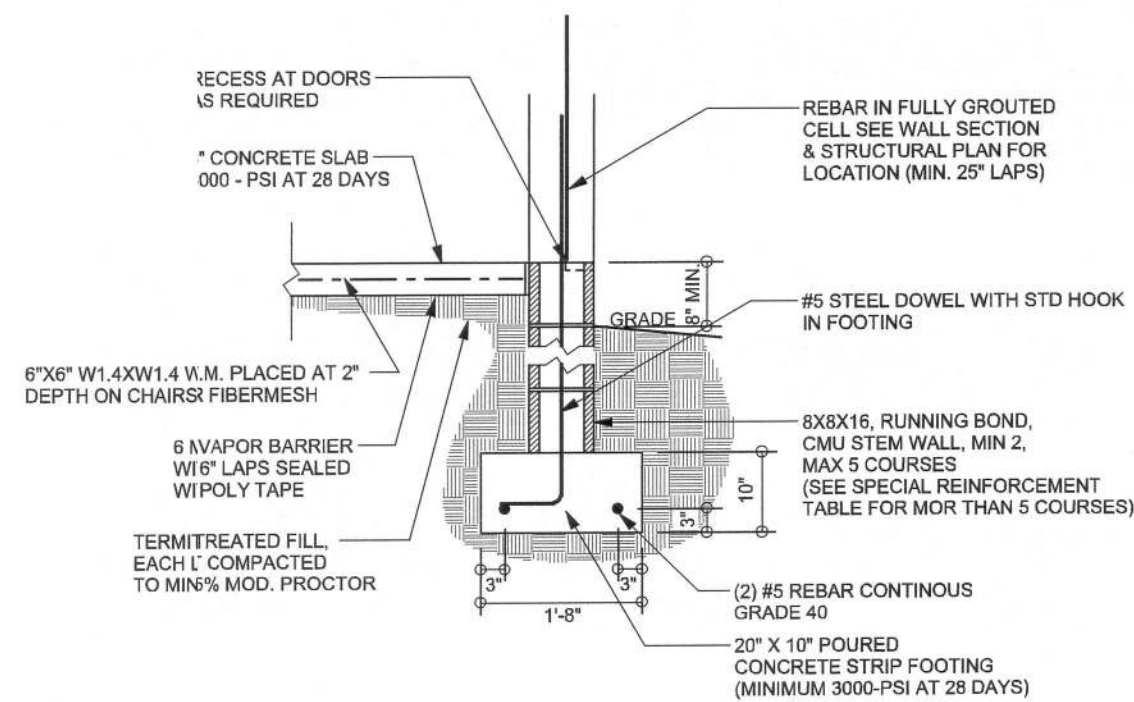


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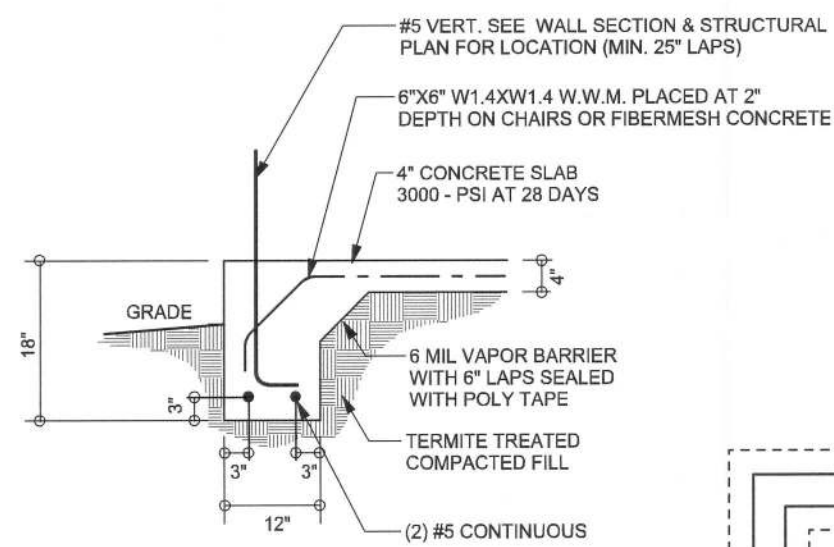
SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE



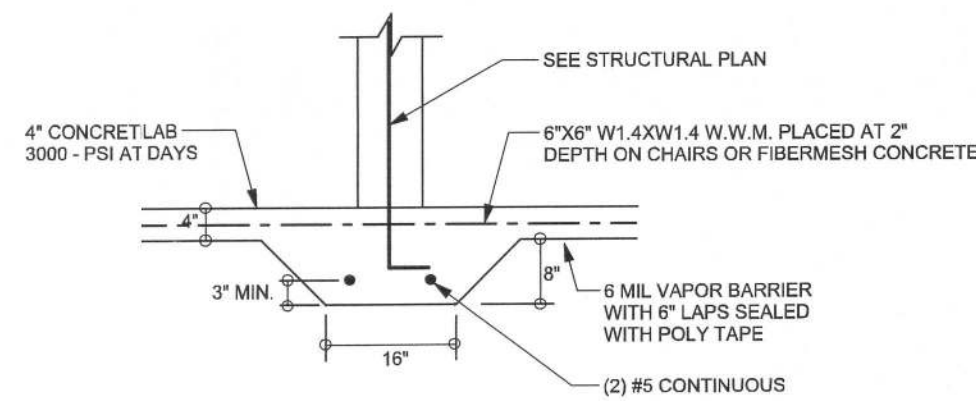
F12  
S-2 STEM WALL PORCH FOOTING  
SCALE: 1/2" = 1'-0"



F17  
S-2 STEM WALL FOOTING  
SCALE: 1/2" = 1'-0"



F16  
S-2 ALT. MONOLITHIC FOOTING  
SCALE: 1/2" = 1'-0"



F2  
S-2 INTERIOR BEARING FOOTING  
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with 18G continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

4" CONCRETE FLOOR SLAB REINFORCED WITH  
6X6-1 1/4" WELDED WIRE MESH PLACED ON CHAIRS  
AT 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL  
POLY VAPOR BARRIER WITH 6" LAPS SEALED WITH  
POLY TAPE OVER TERMITRE-TREATED AND COMPACTED FILL

FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"  
DIMENSIONS ON STRUCTURAL SHEETS  
ARE NOT EXACT. REFER TO ARCHITECTURAL  
FLOOR PLAN FOR ACTUAL DIMENSIONS

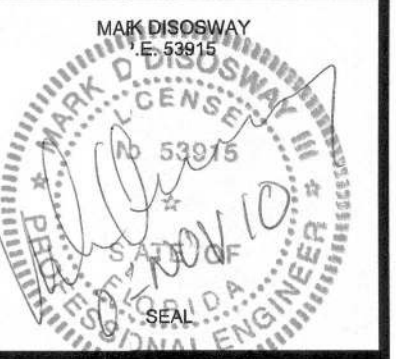
ENGINEER OF RECORD: Mark Disoway,  
P.E. No. 53015, P.O. Box 868, Lake City, FL  
32066, 386-754-5419

DIMENSIONS:  
Stated dimensions are scaled  
dimensions. Refer all questions to  
Mark Disoway, P.E. for resolution.  
Do not proceed without clarification.

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permission and consent of Mark Disoway.

CERTIFICATION: these plans and Cover  
Sheet A-0, attached, comply with applicable  
portions of the Florida Building Code 2007 &  
2009 supplements to the best of my knowledge

LIMITATION: This design is valid for one  
building at specified location. In case of conflict,  
structural requirements, scope of work, and  
builder responsibilities control.



Hopeful Baptist  
Youth Building

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PRINTED DATE:  
December 02, 2009

DRAWN BY: Evan Beamsir  
CHECKED BY:

FINALES DATE:  
Dec. 2, 2009

JOB NUMBER:  
405205

DRAWING NUMBER

S-2

OF 10 SHEETS



REVISIONS	



# WALL LEGEND

	ICF WALL
	INTERIOR BEARING WALL

# STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2x12 SYP#2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 ALL LOAD BEARING CONC. LENTILES SHALL BE A MIN. OF 12" DEEP w/ (1) #4 TOP AND BOTTOM NO STIRRUPS REQUIRED (U.N.O.)
- SN-4 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-5 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

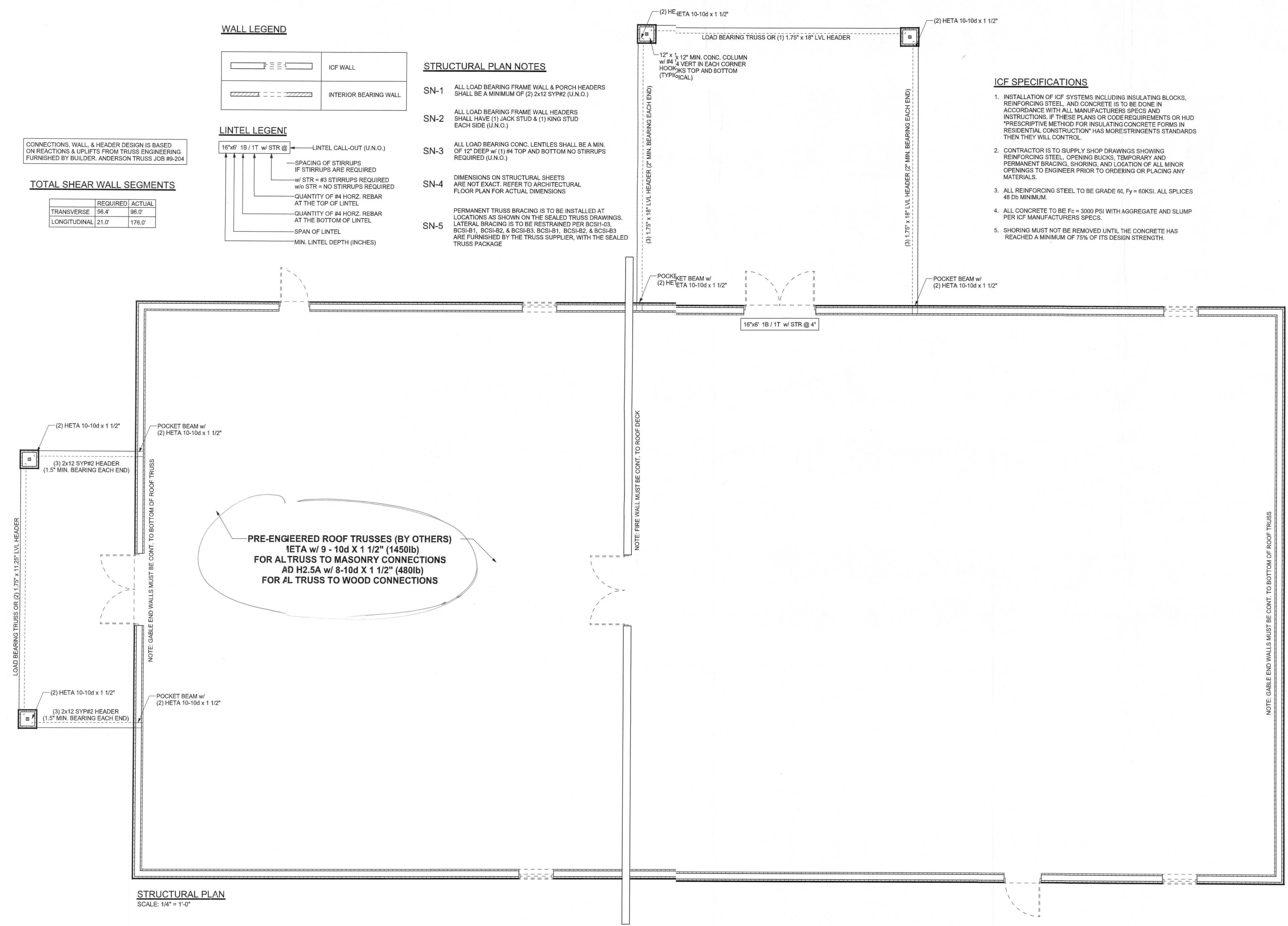
# LINTEL LEGEND

- 16"x6" 1B / 1T w/ STR @
- SPACING OF STIRRUPS IF STIRRUPS ARE REQUIRED
- w/ STR = #3 STIRRUPS REQUIRED w/o STR = NO STIRRUPS REQUIRED
- QUANTITY OF #4 HORIZ. REBAR AT THE TOP OF LINTEL
- QUANTITY OF #4 HORIZ. REBAR AT THE BOTTOM OF LINTEL
- SPAN OF LINTEL
- MIN. LINTEL DEPTH (INCHES)

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS JOB #9-204

# TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	56.4'	96.0'
LONGITUDINAL	21.0'	176.0'



# ICF SPECIFICATIONS

1. INSTALLATION OF ICF SYSTEMS INCLUDING INSULATING BLOCKS, REINFORCING STEEL, AND CONCRETE IS TO BE DONE IN ACCORDANCE WITH ALL MANUFACTURERS SPECS AND INSTRUCTIONS. IF THESE PLANS OR CODE REQUIREMENTS OR HUD "PRESCRIPTIVE METHOD FOR INSULATING CONCRETE FORMS IN RESIDENTIAL CONSTRUCTION" HAS MORE STRINGENT STANDARDS THEN THEY WILL CONTROL.
2. CONTRACTOR IS TO SUPPLY SHOP DRAWINGS SHOWING REINFORCING STEEL, OPENING BUCKS, TEMPORARY AND PERMANENT BRACING, SHORING, AND LOCATION OF ALL MINOR OPENINGS TO ENGINEER PRIOR TO ORDERING OR PLACING ANY MATERIALS.
3. ALL REINFORCING STEEL TO BE GRADE 60, Fy = 60KSI. ALL SPLICES 48 DB MINIMUM.
4. ALL CONCRETE TO BE Fc = 3000 PSI WITH AGGREGATE AND SLUMP PER ICF MANUFACTURERS SPECS.
5. SHORING MUST NOT BE REMOVED UNTIL THE CONCRETE HAS REACHED A MINIMUM OF 75% OF ITS DESIGN STRENGTH.

ENGINEER OF RECORD: Mark Disway, PE No. 53815, POB 86, Lake City, FL 32056, 386-754-5419

**DIMENSIONS:**  
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disway, P.E. in resolution. Do not proceed without clarification.

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**CERTIFICATION:** These plans and Cover Sheet A-0, attached, comply with applicable portions of the Florida Building Code 2007 & 2009 supplements, to the best of my knowledge.

**LIMITATION:** This design is valid for one building at specified location. In case of conflict, structural requirements, scope of work, and builder responsibilities control.

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P.E. 53815  
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REGISTERED PROFESSIONAL ENGINEER

# Hopeful Baptist Youth Building

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PRINTED DATE:  
December 02, 2009

DRAWN BY: Evan Beasley

CHECKED BY:

FINALS DATE:  
Dec. 2, 2009

JOB NUMBER:  
905205

DRAWING NUMBER  
**S-3**  
OF 10 SHEETS