

EL-BETHEL PENTECOSTAL CHURCH ALLEN ROAD SLIDELL, LOUISIANA

INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS

PREFAB METAL BUILDING BY OTHERS

OCCUPANCY CLASSIFICATION:

ASSEMBLY GROUP: A-3 (1st AND 2nd FLOORS) (SEC. 303.1)

OCCUPANT LOAD: (TBL. 1004.1.1)

ASSEMBLY AREAS = 15 SQ.FT. / OCCUPANT (SEE SHEETS A-1 / A-2 FOR DETAILED OCCUPANT LOAD)
9,000 = 508 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1014)

2 EXITS REQUIRED FOR > 50 OCCUPANTS (TBL. 1015.1)

4 EXITS PROVIDED

MAXIMUM COMMON PATH OF EGRESS TRAVEL = 200' (TBL. 1016.1)

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL. 503)

9,500 SQ.FT. / 2 STORY

CONSTRUCTION CLASSIFICATION: (SEC. 602.2)

TYPE: II B

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL. 601)

STRUCTURAL FRAME = 0 HRS.

BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.

NON-BEARING WALLS = 0 HRS.

FLOOR CONSTRUCTION = 0 HRS.

ROOF CONSTRUCTION = 0 HRS.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL. 602)

EXTERIOR WALLS WITH >= 30' FIRE SEPERATION DISTANCE = 0 HRS.

MAX. AREA OF EXTERIOR WALL OPENINGS: (TBL. 704.8)

BLDGs. WITH >= 30' FIRE SEPERATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC. 907)

THIS BLDG. SHALL BE PROVIDED WITH AN APPROVED FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC. 907.2.1

CONSTRUCTION DOCUMENTS: (SEC. 1603)

THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A PARTIALLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:

BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG. 1609)

IMPORTANCE FACTOR: CATEGORY III BLDG., IE = 1.00, IS = 1.0, IW = 1.00 (TBL. 1604.5)

EXPOSURE B: DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC. 1609.4

MINIMUM LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH TBL. 1607.1

GROUND SNOW LOADS = 5 PSF (FIG. 1608.2)

UNIFORM LIVE LOADS: (TBL. 1607.1)

CLASSROOMS = 40 PSF

CORRIDORS ABOVE FIRST FLOOR = 80 PSF

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BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC.

THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.

F.I.R.M. COMMUNITY MAP NO. 225205 0420 E. REVISED 4/21/99

FLOOD ZONE: AE13; BASE FLOOD ELEVATION 13.0' NGVD.

ELEVATIONS REFER TO NGVD 1929 DATUM.

DETAILED BLDG. REQUIREMENTS:

(MAIN WIND FORCE RESISTING COMPONENTS)

-THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BLDGS. AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BLDGS. (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BLDGS. (AISC-ASD), AISC SPECIFICATION FOR STRUCTURAL STEEL BLDGS. (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BLDGS. (AISC-ASD) OR AISC SPECIFICATION FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS); WIND LOAD DESIGN OF 130MPH.

- ROOF COVERING SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN IBC 2006, SEC. 1507

- PROTECTION OF OPENINGS IN ACCORDANCE WITH IBC 2006, SEC. 1609.1.4

- 7/16" THICK STRUCTURAL WOOD PANELS AND ATTACHMENT HARDWARE SHALL BE PROVIDED FOR BUILDING OCCUPANCY. THE PANELS SHALL BE NUMBERED FOR EACH GLAZED OPENING AND SHALL BE STORED ON SITE PERMANENTLY (IBC 1609.1.4, EXCEPTION)

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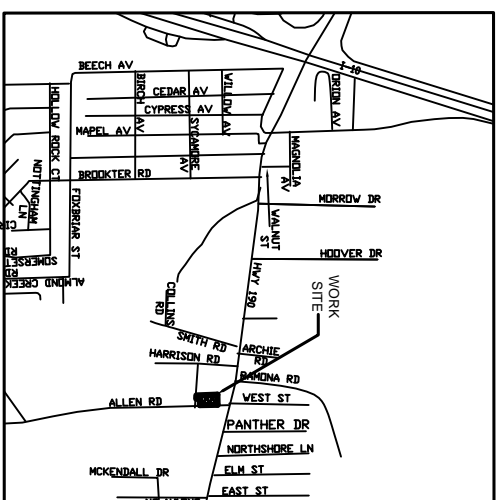
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AREA BY USE
GROUP A-3: 9,000 SQ. FT.
SEE SHEETS A-1 AND A-2 FOR DETAILED INFORMATION

PLUMBING REQUIREMENTS: (LA STATE PLUMBING CODE 2000, TBL. 407)

3 MALE / 3 FEMALE WATER CLOSETS

3 MALE / 2 FEMALE LAVATORIES

2 DRINKING FOUNTAIN (OR OTHER MEANS OF WATER DISTRIBUTION)

PROVIDED:

5 MALE / 7 FEMALE WATER CLOSETS

7 MALE / 7 FEMALE LAVATORIES

1 MALE / 1 FEMALE SHOWERS

0 DRINKING FOUNTAINS (WATER SHALL BE PROVIDED IN ACCORDANCE WITH THE LA STATE SANITARY CODE CH.23

ACCORDANCE WITH THE LA STATE SANITARY CODE CH.23

INDEX OF DRAWINGS

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C-5	DRAINAGE PLAN	
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S-1	FOUNDATION PLAN	
S-2	FOUNDATION SECTIONS AND DETAILS	
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P-2	2nd FLOOR PLUMBING PLAN	

EUGENE WELLINGTON
EL-BETHEL PENTECOSTAL CHURCH
ALLEN ROAD
SLIDELL, LOUISIANA

DATE: 3-29-07
JOB NO. 1819

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