

EL-BETHEL PENTECOSTAL CHURCH

(FULLY SPRINKLED)

ALLEN ROAD SLIDELL, LOUISIANA

INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS

OCCUPANCY CLASSIFICATION:

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

OCCUPANT LOAD: (TBL 1004.1.1)

ASSEMBLY AREAS= 7 NET SQ.FT. / OCCUPANT (SEE SHEET A-2 FOR OCCUPANT LOAD CALCULATIONS)
543 OCCUPANTS TOTAL

EXIT ACCESS REQUIREMENTS: (SEC 1014)

2 EXITS REQUIRED FOR SPACES > 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 AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SEC 903.2.1.3

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

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.

PREFAB METAL BUILDING BY OTHERS

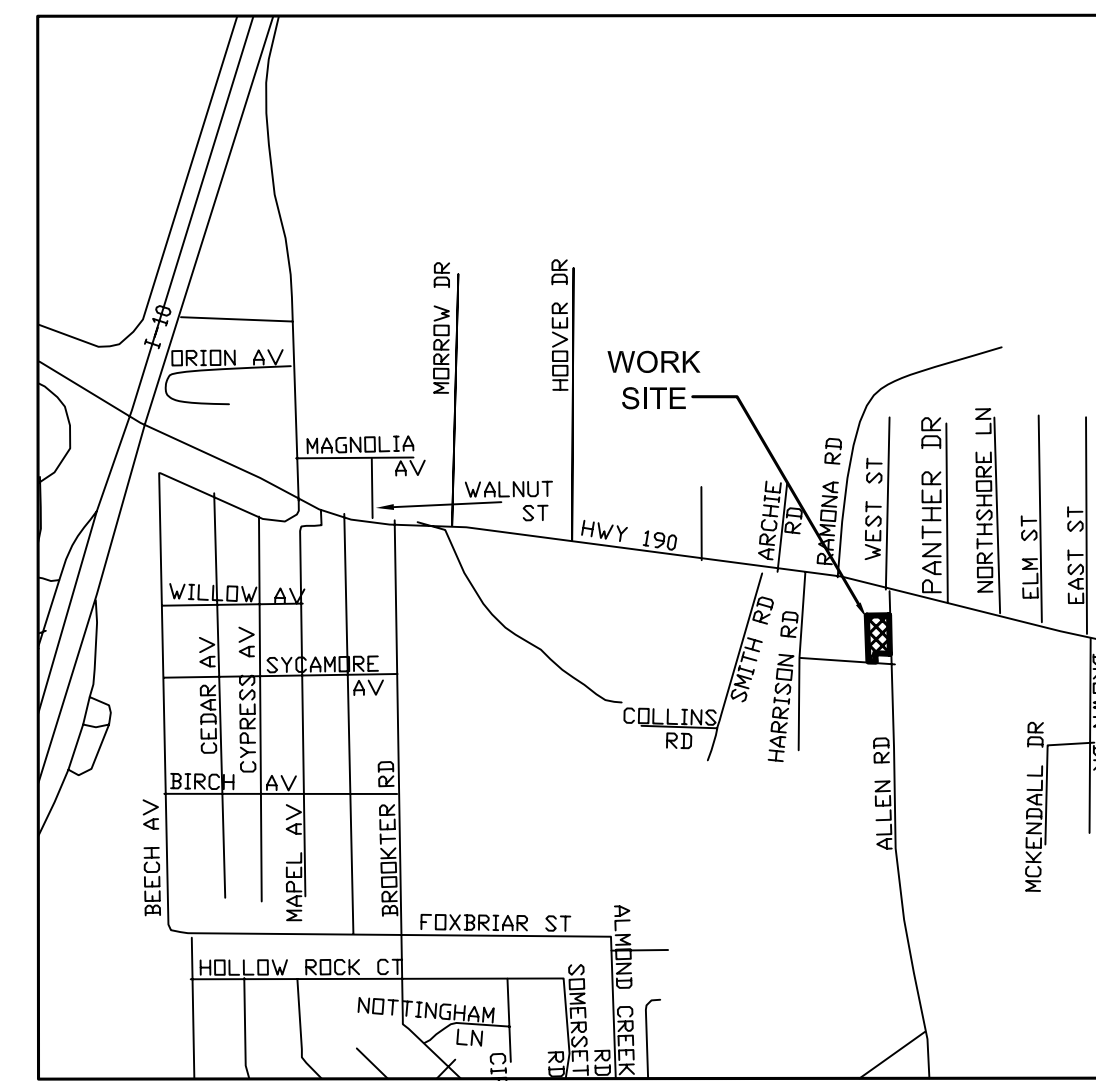
DETAILED BLDG. REQUIREMENTS:

(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. -ALLOWABLE STRESS DESIGN (AISC-ASD) OR AISC SPECIFICATION FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS). WIND LOAD DESIGN OF 130 MPH.
- 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)

CONTRACTOR NOTE:

EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE RESISTING COMPONENT OF THIS BLDG. SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BLDG. OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 2006, SEC 1706.1)



VICINITY MAP
N.T.S.

A
G
S
F
R
F
DWG
C-1
C-2
C-3
C-4
C-5
C-6
S-1
S-2
A-1
A-2
A-3
A-4
A-5
A-6
A-7
E-1
E-2
M-1
M-2
P-1
P-2