

FRONT ELEVATION

INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS

OCCUPANCY CLASSIFICATION:
RESIDENTIAL GROUP R-2 (SEC. 310.1.1)

OCCUPANT LOAD: (TBL. 1004.1.1)
200 GROSS SQ.FT. / OCCUPANT, SUITES 1-4 FLOORS = 91 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC. 1019.2)
2 EXITS REQUIRED FOR > 50 OCCUPANTS (TBL. 1015.1) 1 EXIT PER SUITE PROVIDED.
MAXIMUM COMMON PATH OF EGRESS TRAVEL = 250' (TBL. 1016.1)

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL. 503)
12,000 SQ.FT. / 3 STORY
AUTOMATIC SPRINKLER SYSTEM INCREASE, MAXIMUM NUMBER OF STORIES IS INCREASED BY ONE. (SEC. 504.2) AUTOMATIC SPRINKLER SYSTEM INCREASE, 200% INCREASE ALLOWED FOR BUILDINGS WITH MORE THAN ONE STORY ABOVE GRADE PLANE. (SEC. 506.3) ADJUSTED ALLOWABLE AREA = 24,000 SQ. FT. PER STORY/4 STORY
THIS BUILDING 8,927 SQ.FT. FIRST FLOOR / 8,543 SQ.FT. SECOND-FOURTH FLOOR.

CONSTRUCTION CLASSIFICATION: (SEC. 602.5)
TYPE V A

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL. 601)
STRUCTURAL FRAME = 1 HR5.
BEARING WALLS (INTERIOR AND EXTERIOR) = 1 HR5.
NONBEARING WALLS = 0 HR5.
FLOOR CONSTRUCTION = 1 HR5.
ROOF CONSTRUCTION = 0 HR5.

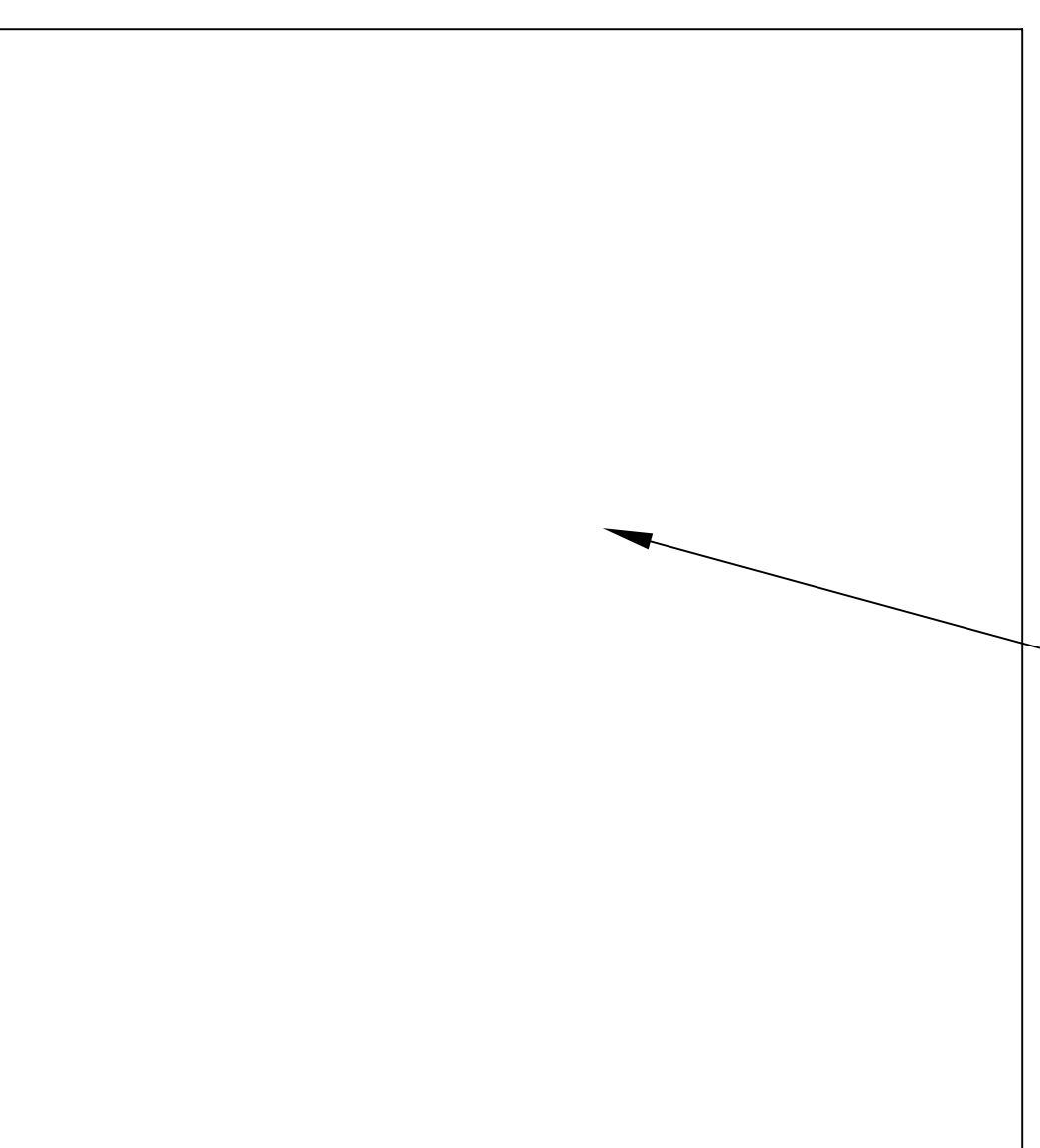
FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL. 602)
EXTERIOR WALLS WITH >= 30' FIRE SEPARATION DISTANCE = 0 HR5.
MAX. AREA OF EXTERIOR WALL OPENINGS: (TBL. 705.8)
BLDG5. WITH >= 30' FIRE SEPARATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC. 907)
THIS BLDG. SHALL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER
THIS BLDG. SHALL BE PROVIDED WITH AN APPROVED FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC. 907.2.9

CONSTRUCTION DOCUMENTS: (SEC. 1603)
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG., WITH AN INTERNAL PRESSURE COEFFICIENT OF + OR - 0.18 (ASCE 7-05 FIGURE 6-5), AND USING THE FOLLOWING INFORMATION:
BASIC WIND SPEED (3 SECOND GUST) = 110 MPH (FIG. 1609)
IMPORTANCE FACTOR: CATEGORY III BUILDING. IF = 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
LIVE LOADS TBL. 1607.1 OFFICE BUILDINGS
CORRIDORS ABOVE FIRST FLOOR = 80PSF
FILE AND COMPUTER ROOMS SHALL BE DESIGNED FOR HEAVIER LOADS BASED ON ANTICIPATED OCCUPANCY
LOBBIES AND FIRST FLOOR CORRIDORS = 100PSF
OFFICES = 50 PSF
GROUND SNOW LOADS = 5 PSF (FIG. 1608.2)

UNIFORM LIVE LOADS TABLE 607.1
HOTELS & MULTIPLE FAMILY DWELLINGS: PRIVATE ROOMS & CORRIDORS SERVING THEM: 40 PSF.
PUBLIC ROOMS & CORRIDORS SERVING THEM: 100 PSF, ROOFS: 20 PSF, 300 LB CONCENTRATED

4 STORY BUILDING
FULLY SPRINKLED
TOTAL SQ. FT. =



FAIRFIELD INNS & SUITES

CYPRESS CENTRE DRIVE
VICKSBURG, MISSISSIPPI 39180
ZONED B-3
COMMUNITY BUSINESS DISTRICT

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FAIRFIELD INNS & SUITES

CYPRESS CENTRE DRIVE
VICKSBURG, MISSISSIPPI

JOB No: 2181 DATE: 08-01-2013

DRAWN BY: JTL CHECKED BY: CKD

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