

# REROOFING OF SIXTH WARD JUNIOR HIGH SCHOOL'S CAFETORIUM & GYMNASIUM BUILDINGS 72360 HIGHWAY 41 PEARL RIVER, LOUISIANA

## INTERNATIONAL BUILDING CODE 2006

OCCUPANCY CLASSIFICATION:  
BUSINESS, GROUP B. (SEC 304.1)

OCCUPANT LOAD: (TBL 1004.1.1)  
 BUSINESS AREAS = 100 GROSS SQ. FT. / OCCUPANT  
 2,397 SQ.FT. GROSS BUILDING = TOTAL OF 24 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1019)  
 †EXIT REQUIRED FOR < 49 OCCUPANTS IN BUSINESS OCCUPANCY (4 EXITS PROVIDED)  
 EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
 B= 23,000 SQ.FT. / 4 STORY ALLOWED. THIS PROJECT 1 STORY/ 2,397 SQ.FT.

CONSTRUCTION CLASSIFICATION: (SEC 602.2)  
TYPE II B

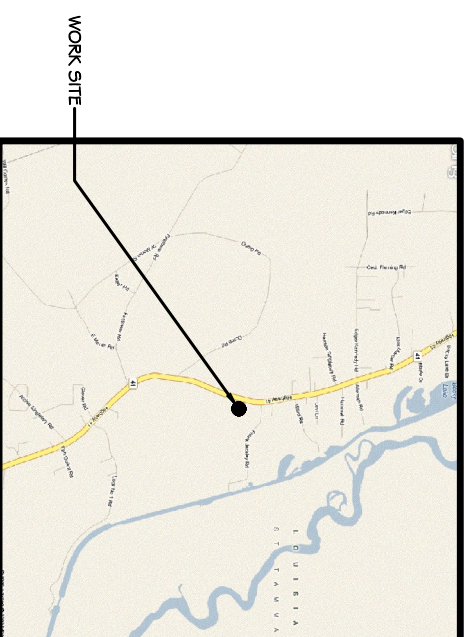
FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)  
 STRUCTURAL FRAME= 0 HRS.  
 BEARING WALLS (INTERIOR AND EXTERIOR)= 0 HRS.  
 NON-BEARING WALLS= 0 HRS.  
 FLOOR CONSTRUCTION= 0 HRS.  
 ROOF CONSTRUCTION= 0 HRS.  
 NOTE: FIRE PROTECTION OF STRUCTURAL MEMBERS REQUIRED IN WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20' ABOVE SLAB. ALL ROOF CONSTRUCTION < 20' ABOVE SLAB.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)  
 EXTERIOR WALLS WITH 10' < / = < 30' FIRE SEPARATION DISTANCE = 0 HR.

FIRE ALARM SYSTEM REQUIREMENTS: (SEC 907)  
 THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM IN ACCORDANCE WITH SEC 907.2.2 & SEC 907.2.7

CONSTRUCTION DOCUMENTS: (SEC 1603)  
 THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG., WITH AN INTERVAL PRESSURE COEFFICIENT OF + OR - 0.18 (ASCE 7-05 FIGURE 6-5), AND 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  
 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 SNOWLOADS= 5 PSF (FIG. 1608.2)

DRAWING INDEX	
-	COVER SHEET WITH SITE PLAN
C-1	CAMPUS SITE PLAN
A-1	CAFETORIUM SECTIONS & DETAILS
A-2	GYMNASIUM ROOF PLAN
A-3	PHOTOS



VICINITY MAP  
N.T.S.



SITE PLAN  
N.T.S.



REROOFING OF SIXTH WARD  
 JUNIOR HIGH SCHOOL'S  
 CAFETORIUM & GYMNASIUM  
 PEARL RIVER, LA

DATE: 3-10-10  
 JOB NO.: 2047

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