

# 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 OCCUPANTS / 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 IIB

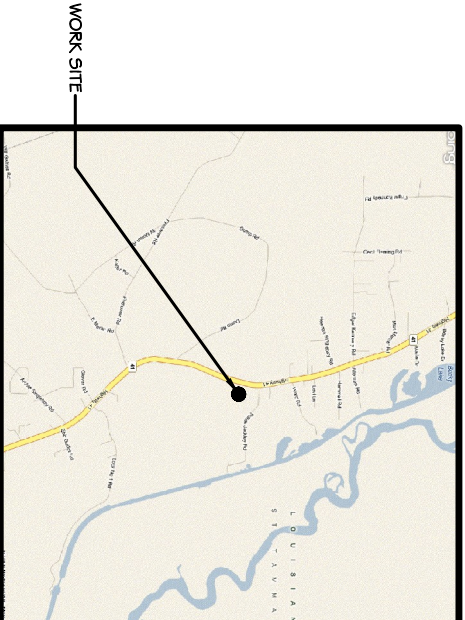
FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)  
STRUCTURAL FRAME= 0 HRS.  
BEARING WALLS (INTERIOR AND EXTERIOR)= 0 HRS.  
NONBEARING WALLS= 0 HRS.  
FLOOR CONSTRUCTION= 0 HRS.  
ROOF CONSTRUCTION= 0 HRS.  
NOTE: FIRE PROTECTION OF STRUCTURAL MEMBERS REQUIRED IN WHERE EVERY PART OF 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 INTERNAL 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 = 80 PSF  
FILE AND COMPUTER ROOMS SHALL BE DESIGNED FOR HEAVIER LOADS BASED ON ANTICIPATED OCCUPANCY = -  
LOBBIES AND FIRST-FLOOR CORRIDORS = 100 PSF  
GROUND SNOW LOADS= 5 PSF (FIG. 1608.2)

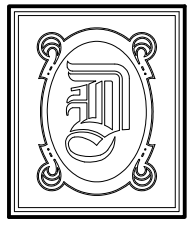
DRAWING INDEX	
-	COVER SHEET WITH SITE PLAN
A-1	CAFETORIUM ROOF PLAN
A-2	GYMNASIUM ROOF PLAN
A-3	CAFETORIUM SECTIONS & DETAILS
A-4	GYMNASIUM SECTIONS & DETAILS



VICINITY MAP  
N.T.S.



SITE PLAN  
N.T.S.



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JOB NO. 2047

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PEARL RIVER, LA