

# 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

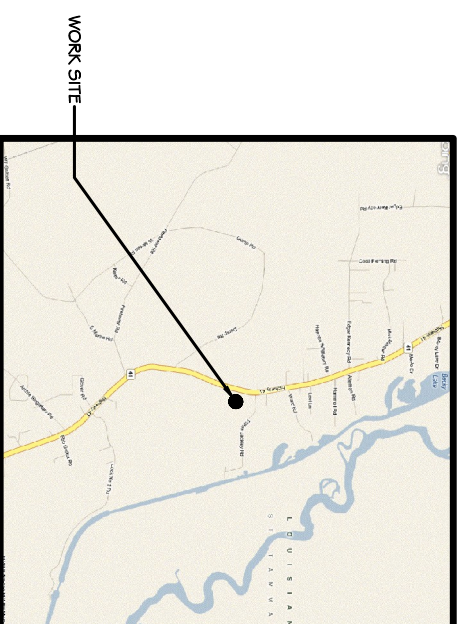
FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)  
STRUCTURAL FRAME= 0 HRS.  
BEARING WALLS (INTERIOR AND EXTERIOR)= 0 HRS.  
NON-BEARING WALLS= 0 HRS.  
FLOOR CONSTRUCTION= 0 HRS.  
ROOF CONSTRUCTION= 0 HRS.  
NOTE: FIRE PROTECTION OF STRUCTURAL MEMBERS REQUIRED IN WHERE EVERY PART 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 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  
OFFICES = 50 PSF  
GROUND SNOW LOADS= 5 PSF (FIG. 1608.2)

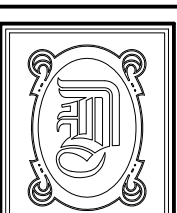
| DRAWING INDEX |                               |
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| -             | COVER SHEET                   |
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| A-2           | CAFETORIUM SECTIONS & DETAILS |
| A-3           | GYMNASIUM ROOF PLAN           |



VICINITY MAP  
N.T.S.



SITE PLAN  
N.T.S.



**DAMMON ENGINEERING, INC.**  
1095 FLORIDA AVE. OFFICE: (985) 649-5832  
SLIDELL, LA 70458 FAX: (985) 641-5950  
WEBSITE: WWW.DAMMONENGINEERING.COM  
EMAIL: DAMMONENG@BELLSOUTH.NET

DATE: 1-6-10  
JOB NO. 2047

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