

REROOFING OF PEARL RIVER HIGH SCHOOL'S INDUSTRIAL ARTS BUILDING 39110 REBEL LANE PEARL RIVER, LOUISIANA

INTERNATIONAL BUILDING CODE 2006

OCCUPANCY CLASSIFICATION:
EDUCATIONAL, GROUP 3. (SEC 305)

OCCUPANT LOAD: (TBL 1004.1.1)
BUSINESS AREAS = 50 GROSS SQ.FT. / OCCUPANT
2,397 SQ.FT. GROSS BUILDING = TOTAL OF 48 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1019)
EXIT REQUIRED FOR < 49 OCCUPANTS IN EDUCATIONAL OCCUPANCY (3 EXITS PROVIDED)
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
B=14,500 SQ.FT. / 2 STORY ALLOWED, THIS PROJECT 1 STORY / 2,397 SQ.FT.

CONSTRUCTION CLASSIFICATION: (SEC 602.2)
TYPE II B

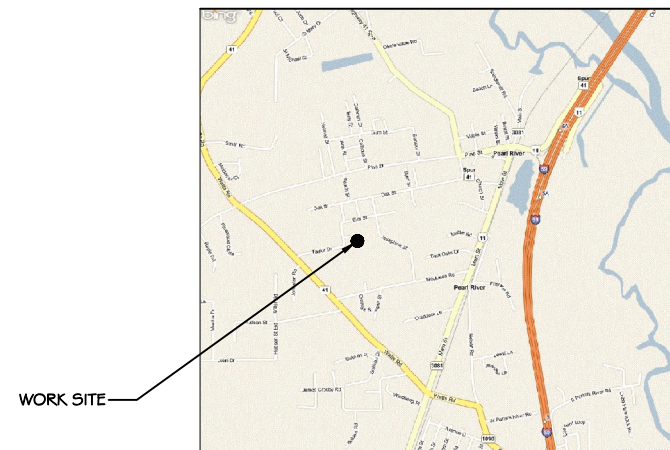
FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)
STRUCTURAL FRAME= 0 HRS.
BEARING WALLS (INTERIOR AND EXTERIOR)= 0 HRS.
NON-BEARING WALLS= 0 HRS.
FLOOR CONSTRUCTION= 0 HRS.
ROOF CONSTRUCTION= 0 HRS.
NOTE: FIRE PROTECTION OF STRUCTURAL MEMBERS REQUIRED IN WHERE EVERY PART OF THE ROOF 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 907.2.3, EXCEPTION NO. 1

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 = 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)

DRAWING INDEX	
-	COVER SHEET WITH SITE PLAN
A-1	ROOF PLAN & DETAILS
A-2	ROOF FRAMING PLAN & BLDG. SECTION
A-3	IN-NEED-OF-REPAIR PICTURES/DETAILS



VICINITY MAP
N.T.S.



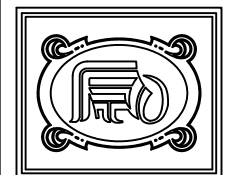
SITE PLAN
N.T.S.



REROOFING OF
PEARL RIVER HIGH SCHOOL'S
INDUSTRIAL ARTS BUILDING
PEARL RIVER, LA

DATE: 12-11-09
JOB NO. 2043

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SHEET 1
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