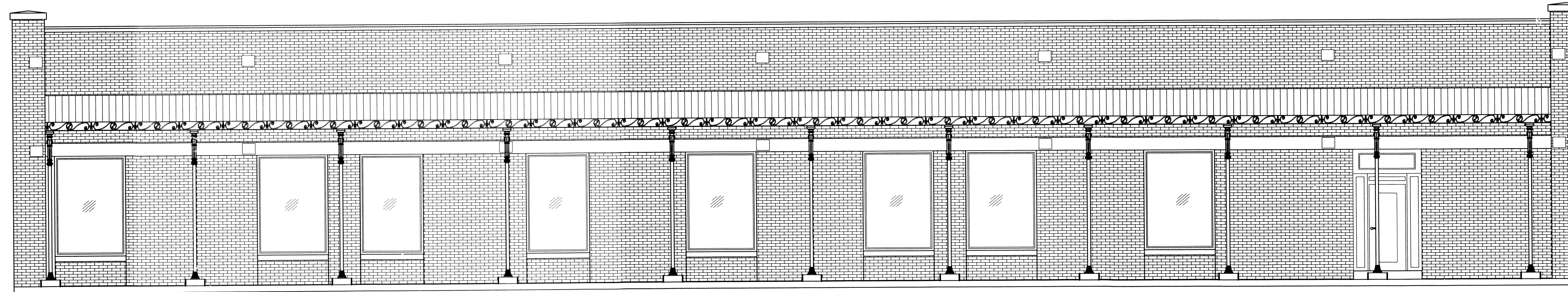


# OLDE TOWN SLIDELL

## FIRE DAMAGED BUILDING REHABILITATION

227 & 285 COUSIN STREET  
SLIDELL, LA 70458  
6,000 SQ.FT. EXISTING  
NON-SPRINKLED



### INTERNATIONAL BUILDING CODE 2009 SUMMARY

OCCUPANCY CLASSIFICATION:  
BUSINESS GROUP: B (SEC 304.1)

OCCUPANT LOAD: (TBL 1004.1.1)  
BUSINESS = 100 GROSS / OCCUPANT = (6,000/100) = 60 OCCUPANTS  
TOTAL LOAD = 60 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1014)  
2 EXITS REQUIRED FOR > 50 OCCUPANTS (TBL 1015.1)  
2 EXITS PROVIDED  
MAXIMUM COMMON PATH OF EGRESS TRAVEL = 200' (BUSINESS WITHOUT SPRINKLER, TBL 1016.1)  
LONGEST EGRESS PATH IN AREA OF WORK = 50'

CONSTRUCTION CLASSIFICATION: (SEC 602.2)  
TYPE IIB

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
THREE STORY AND 23,000 SQ.FT. (BUSINESS)  
THIS BLDG 6,000 SQ.FT. / 1 STORY

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.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)  
EXTERIOR WALLS WITH  $\geq 30'$  FIRE SEPARATION DISTANCE = 0 HRS.  
EXTERIOR WALLS WITH  $< 30'$  FIRE SEPARATION DISTANCE = 1 HR.

MAX. AREA OF EXTERIOR WALL OPENINGS: (TBL 705.8)  
BLDGS. WITH  $\geq 30'$  FIRE SEPARATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS: (SEC 903)  
THIS BLDG. DOES REQUIRE NOT AN AUTOMATIC SPRINKLER SYSTEM.

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 907)  
THIS BLDG. SHALL BE NOT REQUIRED TO HAVE AN APPROVED FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 907.2.2.

CONSTRUCTION DOCUMENTS: (SEC 1603)  
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:  
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.4  
BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)  
IMPORTANCE FACTOR: CATEGORY II BLDG.,  $I_E = 1.00$ ,  $I_S = 1.0$ ,  $I_W = 1.00$  (TBL 1604.5)  
EXPOSURE B  
DESIGN WIND PRESSURE (ASCE 7-05 FIG. 6-2): 33.6 PSF  
INTERNAL PRESSURE COEFFICIENT (ASCE 7-05 FIG. 6-5):  $\pm 0.18$   
LIVE LOADS: (SEC 1607)  
OFFICE (TBL 1607.1): 50 PSF  
ROOF LIVE LOAD (TBL 1607.1) = 20 PSF UNIFORM, 300 LB. CONCENTRATED  
GROUND SNOW LOAD (FIG. 1608.2) = 5 PSF

### NATIONAL FIRE PROTECTION ASSOCIATION 2009 SUMMARY

BUILDING AREA:  
TOTAL BUILDING AREA = 6,000 SQ.FT.  
AREA TO BE RENOVATED = 6,000 SQ.FT.

OCCUPANCY CLASSIFICATION:  
EXISTING GROUP B (BUSINESS)

OCCUPANT LOAD: (TBL 7.3.1.2)  
BUSINESS = 100 GROSS SQ.FT. / OCCUPANT = 6,000 / 100 = 60 OCCUPANTS

SPRINKLER SYSTEM: (SEC 39.2.5)  
THIS BUILDING SHALL NOT BE REQUIRED TO HAVE AN AUTOMATIC SPRINKLER SYSTEM AT THIS TIME.

FIRE ALARM SYSTEM: (SEC 39.3.4.1)  
A FIRE ALARM SYSTEM IS NOT REQUIRED.

EXIT ACCESS:  
2 EXITS REQUIRED (SEC 39.2.4.1)  
2 EXITS PROVIDED  
ALLOWABLE EXIT ACCESS TRAVEL DISTANCE = 200' (SPRINKLED, SEC 39.2.6.2)  
LONGEST EGRESS PATH IN AREA OF WORK = 50'



AREA OF WORK

VICINITY MAP  
N.T.S.

INDEX OF DRAWINGS			
SHT#	DWG#	DRAWING NAME	REVISED
1		COVERSHEET	
2	D-1	DEMOLITION PLAN	
3	S-1	FOUNDATION PLAN	
4	A-1	FLOOR PLAN	
5	A-2	SECTION	
6	A-3	BUILDING ELEVATIONS	
7	A-4	SCHEDULE & DETAILS	
8	E-1	ELECTRICAL PLAN	
9	P-1	PLUMBING PLAN	

419526

REVIEWED FOR  
STATE FIRE MARSHAL  
AS PER REVIEW LETTER  
BY: WILLIAM D. JONES, ARCHITECT, CBO

*William D. Jones*

# SHELL ONLY

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JOB No: 2200    DATE: 07/11/2012    CHECKED BY: BSN  
DRAWN BY: BSN

SHEET No: 1 OF 9