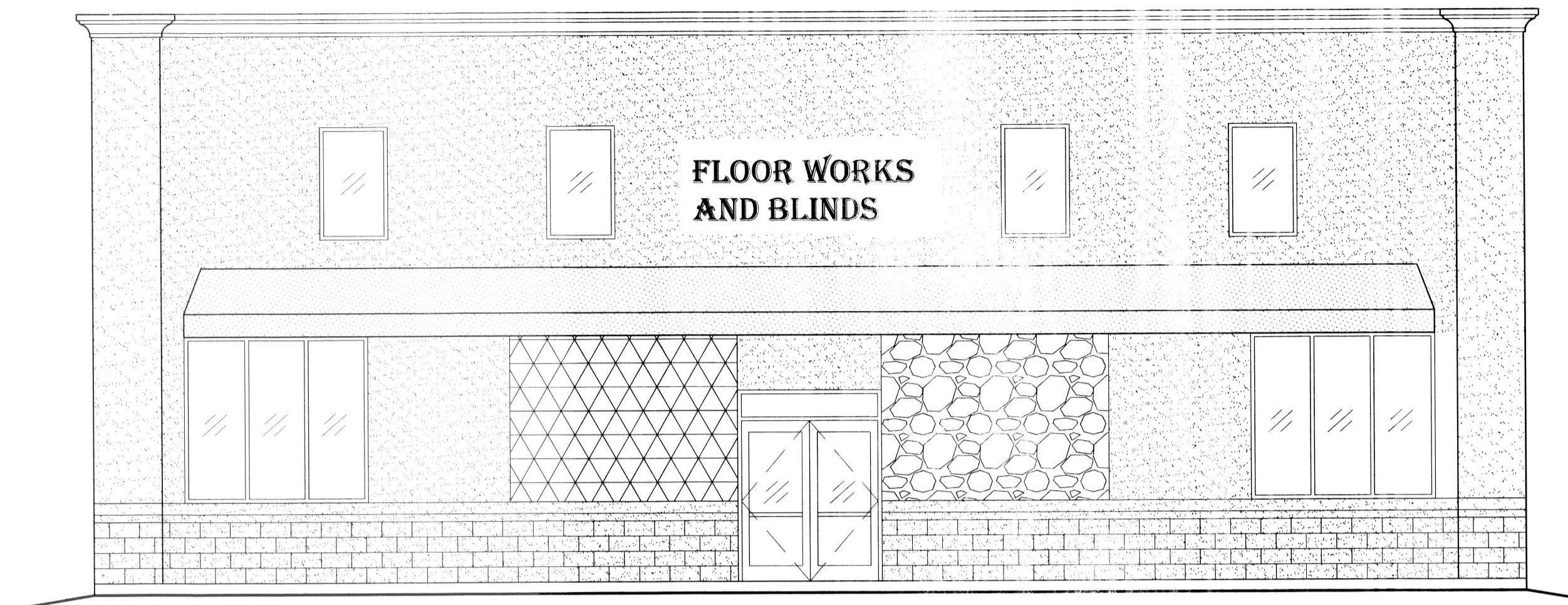


# FLOOR WORKS AND BLINDS

1860 SHORTCUT ROAD  
SLIDELL, LA 70458



FRONT ELEVATION

SQUARE FEET TOTAL  
BUILDING TOTAL: 3,900 SQ. FT.

## INTERNATIONAL BUILDING CODE 2009 SUMMARY

OCCUPANCY CLASSIFICATION:  
BUSINESS, GROUP B (SEC 304.1)  
WAREHOUSE STORAGE, GROUP S-1 (SEC 311.2)

OCCUPANT LOAD: (TBL 1004.1.1)  
BUSINESS AREAS = 100 GROSS SQ.FT. / OCCUPANT  
WAREHOUSE AREAS = 500 GROSS SQ. FT. / OCCUPANT  
2400 S.F. OFFICE = 24 OCCUPANTS  
1500 S.F. WAREHOUSE = 3 OCCUPANTS  
3,900 S.F. GROSS BUILDING  
TOTAL 28 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1015)  
1 EXIT REQUIRED FOR < 49 OCCUPANTS IN BUSINESS OCCUPANCY (1 EXITS PROVIDED)  
1 EXIT REQUIRED FOR < 29 OCCUPANTS IN STORAGE OCCUPANCY (1 EXITS PROVIDED)

EXIT TRAVEL DISTANCE REQUIREMENTS: (SEC 1016)  
BUSINESS EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED  
WAREHOUSE EXIT ACCESS TRAVEL DISTANCE = 300' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
B=23,000 SQ.FT. / 3 STORY ALLOWED, THIS PROJECT 1 STORY / 3,900 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.

FIRE ALARM SYSTEM REQUIREMENTS: (SEC 907)  
THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 903)  
THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 903.2.9

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., IE = 1.00, IS = 1.0, IW = 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): ± 0.18  
LIVE LOADS: (SEC 1607)  
LOBBIES AND 1st FLR. CORRIDOR (TBL. 1607.1): 100 PSF  
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

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES & ASSOC., INC. REG. # 4443.  
THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.  
F.I.R.M. COMMUNITY MAP NO. 225205 0420E ; DATE 4-21-99  
FLOOD ZONE: A4/C; BASE FLOOD ELEVATION 9.00'

## NATIONAL FIRE PROTECTION ASSOCIATION 2009 SUMMARY

BUILDING AREA:  
TOTAL BUILDING AREA = 3,900 SQ.FT.

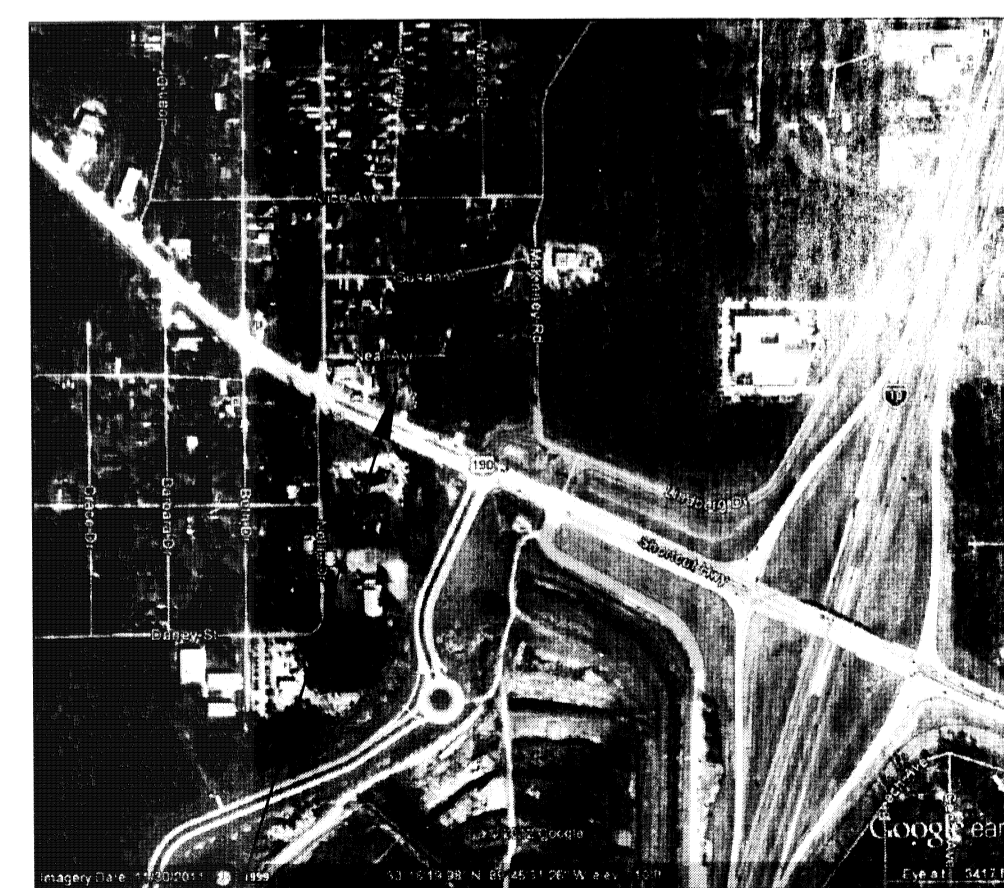
OCCUPANCY CLASSIFICATION:  
BUSINESS, GROUP B  
WAREHOUSE STORAGE, GROUP S-1

OCCUPANT LOAD: (TBL 7.3.1.2)  
BUSINESS = 100 GROSS SQ.FT. / OCCUPANT = 2,400 / 100 = 24.00 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:  
1 EXITS REQUIRED (SEC 39.2.4.1)  
1 EXITS PROVIDED  
ALLOWABLE EXIT ACCESS TRAVEL DISTANCE = 200' ( 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	C-1	SITE PLAN	
3	C-2	PAVING & DRAINAGE PLAN	
4	A-1	FLOOR PLAN	
5	A-2	REFLECTED CEILING PLAN	
6	M-1	MECHANICAL PLAN	
7	E-1	POWER AND LIGHTING PLAN	
8	P-1	PLUMBING PLAN	

## DETAILED BUILDING REQUIREMENTS

### (MAIN WIND FORCE RESISTING COMPONENTS)

- THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (AISC-ASD) OR AISC SPECIFICATION FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS). WIND LOAD DESIGN OF 130 MPH.
- ROOF COVERING HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN IBC SECTION 1507
- 7/16" THICK STRUCTURAL WOOD PANELS AND ATTACHMENT HARDWARE SHALL BE PROVIDED FOR BUILDING OCCUPANCY THE PANELS SHALL BE NUMBERED FOR EACH GLAZED OPENING AND SHALL BE STORED ON SITE PERMANENTLY (IBC 1609.1.4, EXCEPTION)

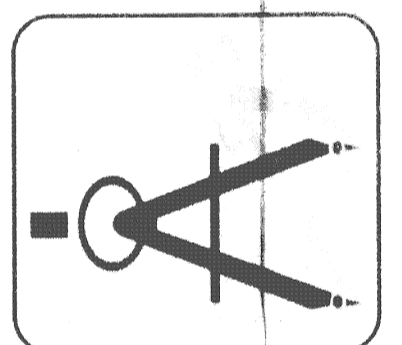
### CONTRACTOR NOTE!

EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1706.3)

CHIEF ENGINEER: EMMETT DAMMON, P.E.  
CHIEF ARCHITECT: ROBERT WILTSE  
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JOB No: 2152 DATE: 10/23/2012 CHECKED BY: BSN  
DRAWN BY: BSN