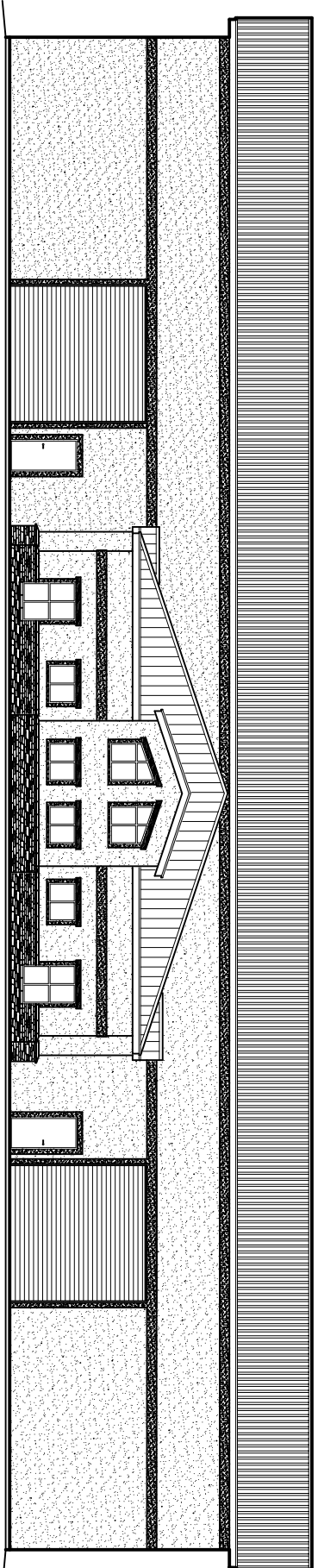


O'BRIEN/NORTHSHORE FLOORING DISTRIBUTORS NEW OFFICE / WAREHOUSE BUILDING SPRINKLED



**DAMMON
ENGINEERING, INC.**

**EMMETT
DAMMON**

**ARCHITECT
ROBERT
WILTSE**

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ARCHITECTURE
ENGINEERING
STUDIES
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EXPERT WITNESS

**NEW OFFICE/
WAREHOUSE**

O'BRIEN / NORTH
SHORE FLOORING
DISTRIBUTORS
J.F. SMITH AVE.
SLIDELL, LA

JOB#: 1912

DATE: 1-4-08

SHEET
OF

INTERNATIONAL BUILDING CODE 2006

OCCUPANCY CLASSIFICATION:
BUSINESS, GROUP B. (SEC 304.1)
WAREHOUSE STORAGE (SEC 311.2)

OCCUPANT LOAD: (TBL. 1004.1.1)
BUSINESS AREAS = 100 GROSS SQ.FT. / OCCUPANT
WAREHOUSE AREAS = 600 GROSS SQ. FT. / OCCUPANT
3,501 S.F. OFFICE = 36 OCCUPANTS
11,743 S.F. WAREHOUSE = 23 OCCUPANT
15,244 S.F. GROSS BUILDING
TOTAL 98 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1019)
1 EXIT REQUIRED FOR > 48 OCCUPANTS IN BUSINESS OCCUPANCY (2 EXITS PROVIDED)
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED
2 EXITS REQUIRED FOR OCCUPANTS IN STORAGE OCCUPANCY (7 EXITS PROVIDED)
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
B=23,000 SQ.FT./7.4 STORY ALLOWED, THIS PROJECT 1 STORY/3,501 SQ.FT.
S-1=17,500 SQ. FT./ 3 STORY ALLOWED, THIS PROJECT 1 STORY 11,743 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 S-1.
FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)
EXTERIOR WALLS WITH 10-X-50 FINE 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

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 903)
THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 903.2.6.1 HIGH-PILED STORAGE. S-1 FIVE AREA IS 11,743 SQ. FT.
WAREHOUSE SHALL BE USED FOR STORAGE OF CLASS IV COMMODITIES.

CONSTRUCTION DOCUMENTS: (SEC 1603)
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A

PARTIALLY ENCLOSED BLDG. 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

MINIMUM LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH TBL. 1607.1

GROUND SNOW LOADS= 5 PSF (FIG. 1608.2)

BASED ON THE SURVEY OF THIS PROPERTY BY KELLY McHUGH & ASSOC., INC. REG. #

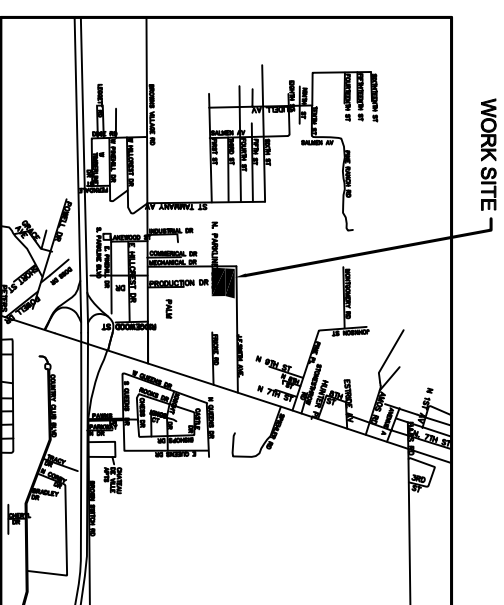
4443.


THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA,
F.I.R.M. COMMUNITY MAP NO. 225205 0410 D : DATE 4-21-99
FLOOD ZONE: A1 & C : BASE FLOOD ELEVATION 19.00'

**J.F. SMITH AVE.
SLIDELL, LA.**

**SQUARE FEET TOTAL
BUILDING TOTAL: 15,244 SQ. FT.**

**ZONED M-1
LIGHT INDUSTRIAL**



VICINITY MAP
N.T.S. 

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 1907
- 7/16" THICK STRUCTURAL WOOD PANELS AND ATTACHMENT HARDWARE SHALL BE PROVIDED FOR BUILDING OCCUPANCY. THE PANELS SHALL BE NUMBERED FOR EACH GAZED OPENING AND SHALL BE STORED ON SITE PERMANENTLY (IBC 1904.1.4, 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 1703.3)

INDEX OF DRAWINGS

DWG#	DRAWING NAME	REVISED
C-1	COPY OF SURVEY	
C-2	SITE PLAN	
C-3	PAVING / DRAINAGE PLAN	
C-4	UTILITY PLAN	
C-5	SILT FENCE DETAILS	
S-1	FOUNDATION PLAN	
A-1	FLOOR PLAN	
A-2	BUILDING ELEVATIONS & SECTIONS	
A-3	BUILDING ELEVATIONS	
A-4	PARTIAL SECTION	
A-5	PARTIAL ROOF PLAN	
H-1	HANDICAP NOTES	
H-2	HANDICAP NOTES	
M-1	MECHANICAL PLAN	
E-1	POWER PLAN	
E-2	LIGHTING PLAN	
E-3	ELECTRICAL SCHEDULE & ONE LINE	
P-1	PLUMBING PLAN	