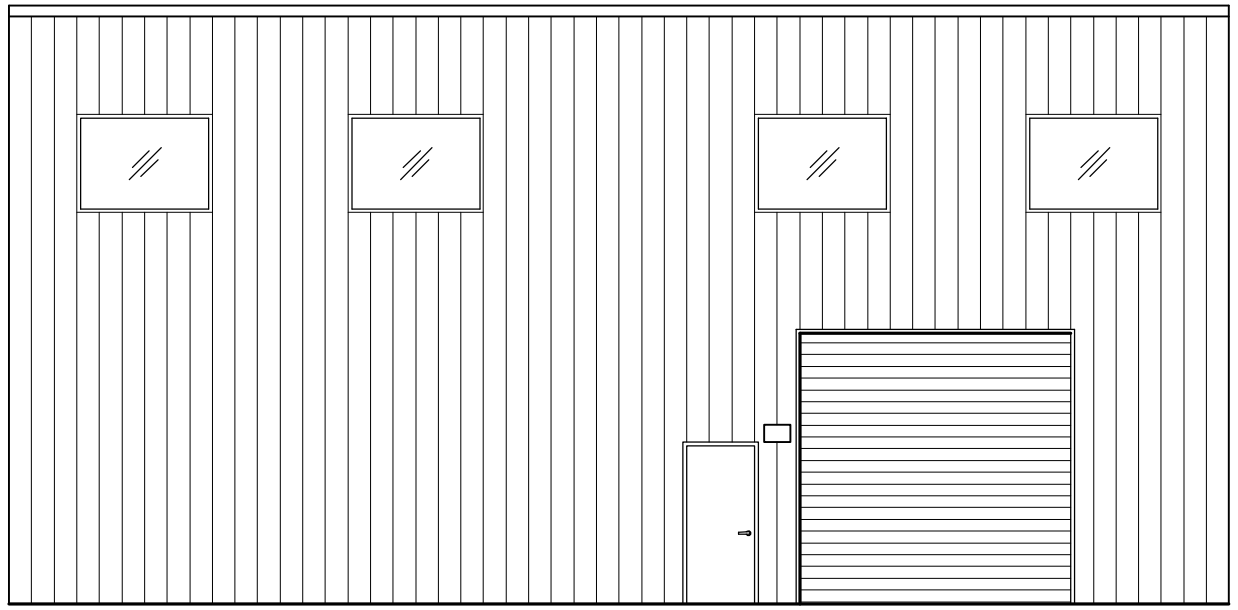


FRONT ELEVATION
N.T.S.

INTERNATIONAL BUILDING CODE 2009

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

OCCUPANT LOAD: (TBL 1004.1.1)
WAREHOUSE AREAS = 500 GROSS SQ. FT. / OCCUPANT
2,270 S.F. WAREHOUSE = 4.54 OCCUPANTS
TOTAL 4.54 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1015)
1 EXIT REQUIRED FOR < 29 OCCUPANTS IN STORAGE OCCUPANCY (2 EXITS PROVIDED)

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

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
S-1 = 17,500 SQ. FT./ 2 STORY ALLOWED, THIS PROJECT 2 STORY 2,270 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 RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)
EXTERIOR WALLS WITH 10<X<30 FIRE SEPARATION DISTANCE= 0 HR.

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

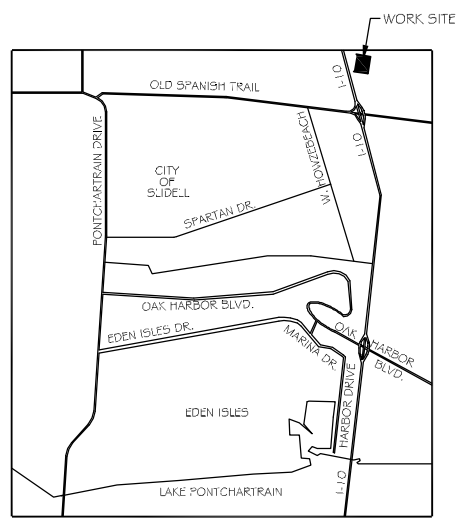
LIVE LOADS: (SEC 1607)
- LOBBIES AND 1st FLR. CORRIDOR (TBL. 1607.1): 100 PSF
- OFFICE (TBL. 1607.1): 50 PSF
- ROOF LIVE LOAD (TBL. 1607.1) = 20 PSF UNIFORM, 300 LB. CONCENTRATED
- GROUND SNOW LOAD (FIG. 1608.2) = 0 PSF

BASED ON A SURVEY THIS PROPERTY BY J.V. BURKES
THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.
F.I.R.M. COMMUNITY MAP NO. 225205 0420 E ; DATE 4-21-99
FLOOD ZONE: A10; BASE FLOOD ELEVATION 9.00'

SQUARE FEET TOTAL

FIRST FLOOR: 1,620 SQ. FT.
SECOND FLOOR: 650 SQ. FT.
TOTAL: 2,270 SQ. FT.

ZONED COMMERCIAL



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 REQUIRMENTS 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 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)

INDEX OF DRAWINGS

DWG#	DRAWING NAME	REVISED
C-1	SITE PLAN	
S-1	FOUNDATION PLAN	
A-1	FLOOR PLAN	
A-2	BUILDING SECTION & DETAILS	
E-1	POWER & LIGHTING PLAN	

VESSEL PROPERTIES
NEW WAREHOUSE
384 VOTERS ROAD
SLIDELL, LA

DATE: 09-23-11
JOB NO. 2122

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