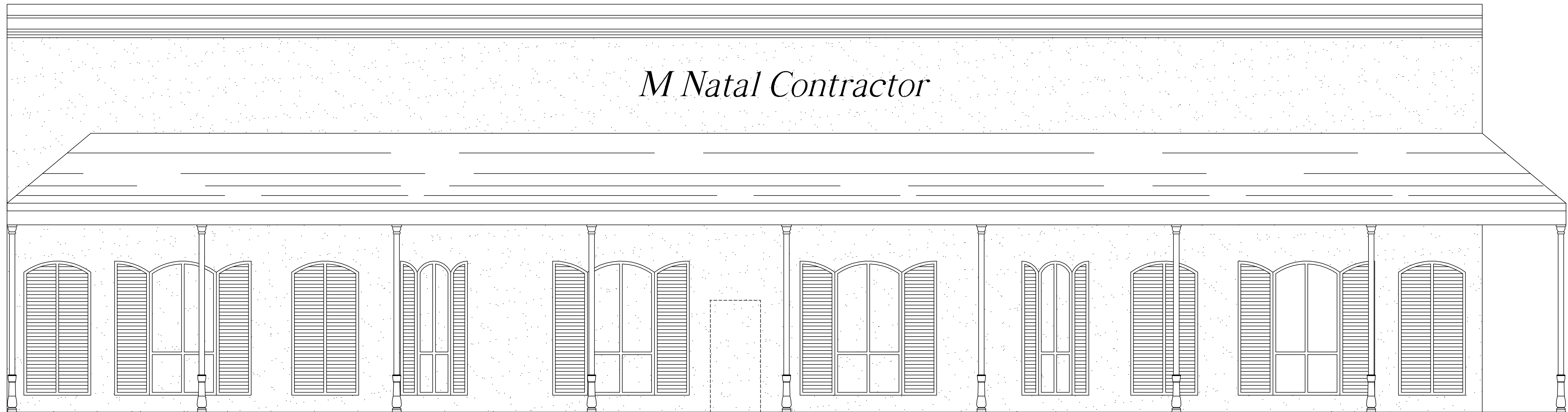


# M Natal Contractor



M NATAL CONTRACTOR  
394 VOTERS ROAD  
SLIDELL, LA.

DATE: 7-16-08  
JOB NO. 1956

## INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS

OCCUPANCY CLASSIFICATION:  
BUSINESS, GROUP B. (SEC 304.1)  
WAREHOUSE STORAGE, GROUP S-2 (SEC 311.3)

OCCUPANT LOAD: (TBL 1004.1.1)  
BUSINESS AREAS = 100 GROSS s.f. / OCCUPANT  
WAREHOUSE AREAS = 500 GROSS s.f. / OCCUPANT  
240 S.F. OFFICE = 2.4 OCCUPANTS  
19,760 s.f. WAREHOUSE = 39.52 OCCUPANTS  
20,000 s.f. GROSS BUILDING  
TOTAL OF 42 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1016)  
1 EXIT REQUIRED FOR LESS THAN 49 OCCUPANTS IN BUSINESS OCCUPANCY (2 EXITS PROVIDED)  
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED  
2 EXITS REQUIRED FOR OCCUPANTS IN STORAGE OCCUPANCY (2 EXITS PROVIDED)  
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
B = 23,000 s.f. / 4 STORY ALLOWED, THIS PROJECT 1 STORY / 240 s.f.  
S-2 = 26,000 s.f. / 4 STORY ALLOWED, THIS PROJECT 1 STORY 19,760

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 IN ACCORDANCE WITH SEC 907.2.2

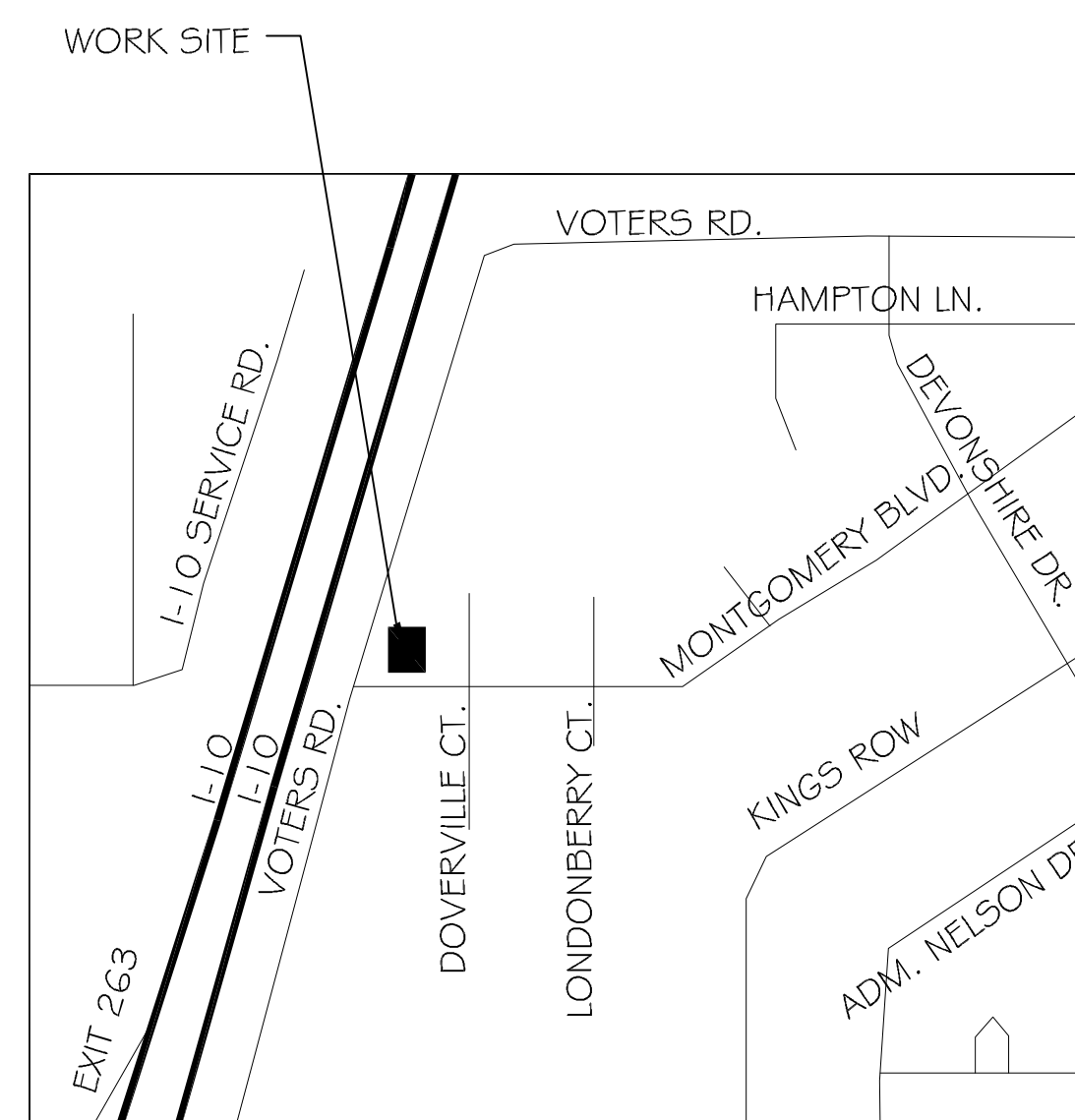
FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 903)  
THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 903.2.9  
GROUP S-2 WAREHOUSE SHALL BE USED FOR STORAGE OF CLASS 1 COMMODITIES

CONSTRUCTION DOCUMENTS: (SEC 1603)  
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY 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 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)  
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES & ASSOCIATES, INC.  
THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.  
F.I.R.M. COMMUNITY MAP NO. 225205 0415 C; DATE 4/2/1991  
FLOOD ZONE: C; BASE FLOOD ELEVATION: N/A

## STREET VIEW ELEVATION M NATAL CONTRACTORS 394 VOTERS ROAD SLIDELL, LOUISIANA

SQUARE FEET TOTAL  
BUILDING SPACE TOTAL : 17,450 S.F.  
AREA OF RENOVATION : 4,400 S.F.

ZONED M-2



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 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)

BUILDING USE DESCRIPTION:  
THIS BUILDING SHALL BE USED FOR NORMAL BUSINESS USE.

## INDEX OF DRAWINGS

DWG#	DRAWING NAME	REVISED
C-1	SITE PLAN	
A-1	FLOOR PLAN	
A-2	EXTERIOR ELEVATIONS	
A-3	REFLECTED CEILING PLAN	
H-1	HANDICAP DETAILS	
H-2	HANDICAP DETAILS	
E-1	POWER PLAN	
E-2	LIGHTING PLAN	
M-1	VENTILATION & ZONE 1 MECHANICAL PLAN	
M-2	ZONES 2 & 3 MECHANICAL PLAN	
P-1	PLUMBING PLAN	

**DAMMON ENGINEERING, INC.**  
1095 FLORIDA AVE.  
SLIDELL, LA 70458  
OFFICE: (985) 649-5832  
FAX: (985) 641-5950  
WEBSITE: WWW.DAMMONENGINEERING.COM  
EMAIL: DAMMONENG@BELLSOUTH.NET

