

# PATTERSON DENTAL SUPPLY OFFICE/WAREHOUSE EXPANSION & RENOVATION

PATTERSON DENTAL SUPPLY  
OFFICE-WAREHOUSE  
107 MALLARD STREET  
SAINT ROSE, LA 70087

DATE: 11-05-10  
JOB NO. 2076

## INTERNATIONAL BUILDING CODE 2006

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

OCCUPANT LOAD: (TBL 1004.1.1)  
BUSINESS AREAS = 100 GROSS SQ.FT. / OCCUPANT  
15,000 SQ.FT. GROSS BUILDING = TOTAL OF 150 OCCUPANTS

EXIT ACCESS TRAVEL DISTANCE: (SEC 1016)  
EXIT ACCESS TRAVEL DISTANCE = 200' NON-SPRINKLED

EXIT ACCESS REQUIREMENTS: (SEC 1019)  
1 EXITS REQUIRED FOR LESS THAN 49 OCCUPANTS, MAX. TRAVEL DISTANCE: 75'-0"  
IN BUSINESS OCCUPANCY (7 EXITS PROVIDED)

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
B=23,000 SQ.FT./4 STORY ALLOWED, THIS PROJECT 1 STORY / 15,000 SQ.FT.

CONSTRUCTION CLASSIFICATION: (SEC 602.2)  
TYPE VB

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 <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

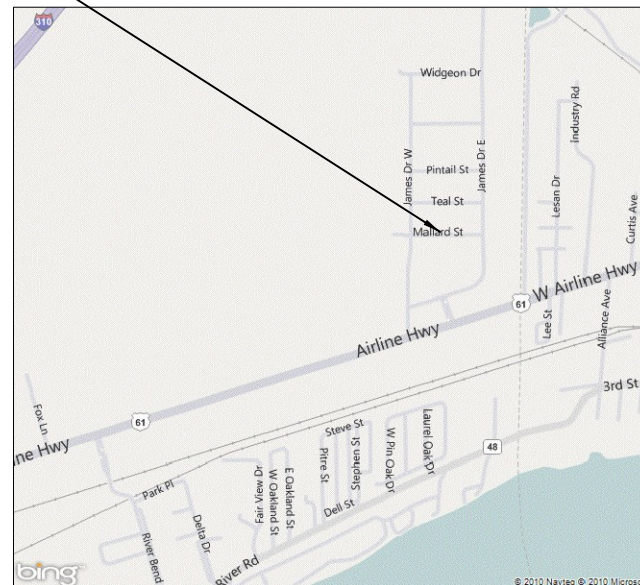
CONSTRUCTION DOCUMENTS: (SEC 1603)  
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED  
BLDG. USING THE FOLLOWING INFORMATION:

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 THE SURVEY OF THIS PROPERTY BY J.V. BURKES & ASSOC., INC.  
THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA.  
F.I.R.M. COMMUNITY MAP NO. 220204 0010C; DATE 4/21/99  
FLOOD ZONE: X; B.F.E. = NA

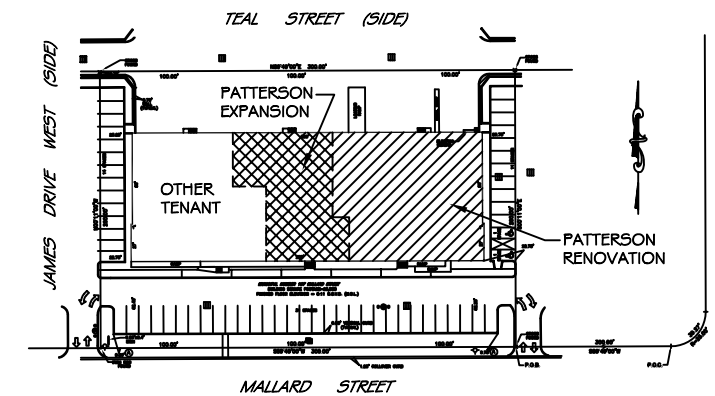
15,000 SQ. FT.  
NON-SPRINKLED

WORK SITE



VICINITY MAP  
N.T.S.

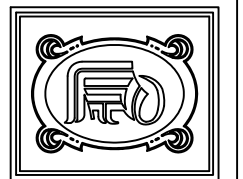
INDEX OF DRAWINGS		
SHT#	DWG#	DRAWING NAME
1		COVER SHEET W/SITE PLAN
2	D-1	EXISTING FLOOR DEMOLITION PLAN
3	D-2	EXISTING REFLECTED CEILING DEMOLITION PLAN
4	A-1	NEW FLOOR PLAN
5	A-2	SCHEDULES AND NOTES
6	A-3	NEW REFLECTED CEILING PLAN
7	M-1	NEW MECHANICAL PLAN
8	E-1	NEW ELECTRICAL POWER PLAN
9	E-2	NEW ELECTRICAL LIGHTING PLAN
10	E-3	NEW ELECTRICAL-SCHEDULES-DIAGRAM
11	P-1	NEW PLUMBING PLAN, RISER, NOTES, & DETAILS



SITE PLAN  
N.T.S.

PRELIMINARY (NOT FOR CONSTRUCTION)

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SHEET 1  
OF 11