

DR. BRIAN FONG  
 NEW MEDICAL OFFICE  
 RENOVATION  
 2965 GAUSE BLVD. SLIDELL LA  
 NON-SPRINKLED  
 7500 SQ.FT.

**NATIONAL FIRE PROTECTION ASSOCIATION 2009 SUMMARY**

**BUILDING AREA:**  
 TOTAL BUILDING AREA = 7,500 SQ.FT.  
 AREA TO BE RENOVATED = 7,500 SQ.FT.

**OCCUPANCY CLASSIFICATION:**  
 EXISTING GROUP B (BUSINESS)

**OCCUPANT LOAD:** (TBL 7.3.1.2)  
 BUSINESS = 100 GROSS SQ.FT. / OCCUPANT = 7,500 / 100 = 75 OCCUPANTS

**SPRINKLER SYSTEM:** (SEC 43.6.4.1)  
 AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED IN A BUSINESS OCCUPANCY.

**FIRE ALARM SYSTEM:** (SEC 39.3.4.1)  
 A FIRE ALARM SYSTEM IS NOT REQUIRED.

**EXIT ACCESS:**  
 2 EXITS REQUIRED (SEC 39.2.4.1)  
 4 EXITS PROVIDED  
 ALLOWABLE EXIT ACCESS TRAVEL DISTANCE = 200' (SEC 39.2.6.2)  
 LONGEST EGRESS PATH IN AREA OF WORK = 75'

**INTERNATIONAL BUILDING CODE 2009 SUMMARY**

**OCCUPANCY CLASSIFICATION:**  
 BUSINESS GROUP: B (SEC 304.1)

**OCCUPANT LOAD:** (TBL 1004.1.1)  
 BUSINESS = 100 GROSS / OCCUPANT = (7,500/100) = 75 OCCUPANTS  
 TOTAL LOAD = 75 OCCUPANTS

**EXIT ACCESS REQUIREMENTS:** (SEC 1014)  
 2 EXITS REQUIRED FOR > 50 OCCUPANTS (TBL 1015.1)  
 4 EXITS PROVIDED  
 MAXIMUM COMMON PATH OF EGRESS TRAVEL = 200' (BUSINESS W/O SPRINKLER, TBL 1016.1)  
 LONGEST EGRESS PATH IN AREA OF WORK = 75'

**CONSTRUCTION CLASSIFICATION:** (SEC 602.2)  
 TYPE VB

**ALLOWABLE HEIGHT AND BLDG. AREA:** (TBL 503)  
 TWO STORY AND 9,000 SQ.FT. (BUSINESS)  
 THIS BLDG 7,500 SQ.FT. / 1 STORY

**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  $\geq$  30' FIRE SEPARATION DISTANCE = 0 HRS.

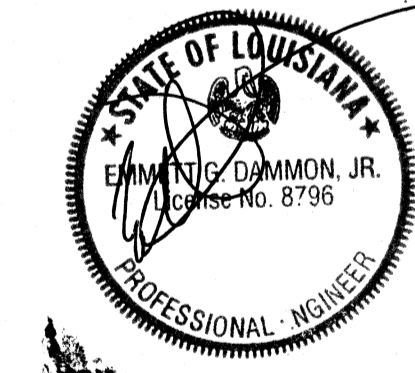
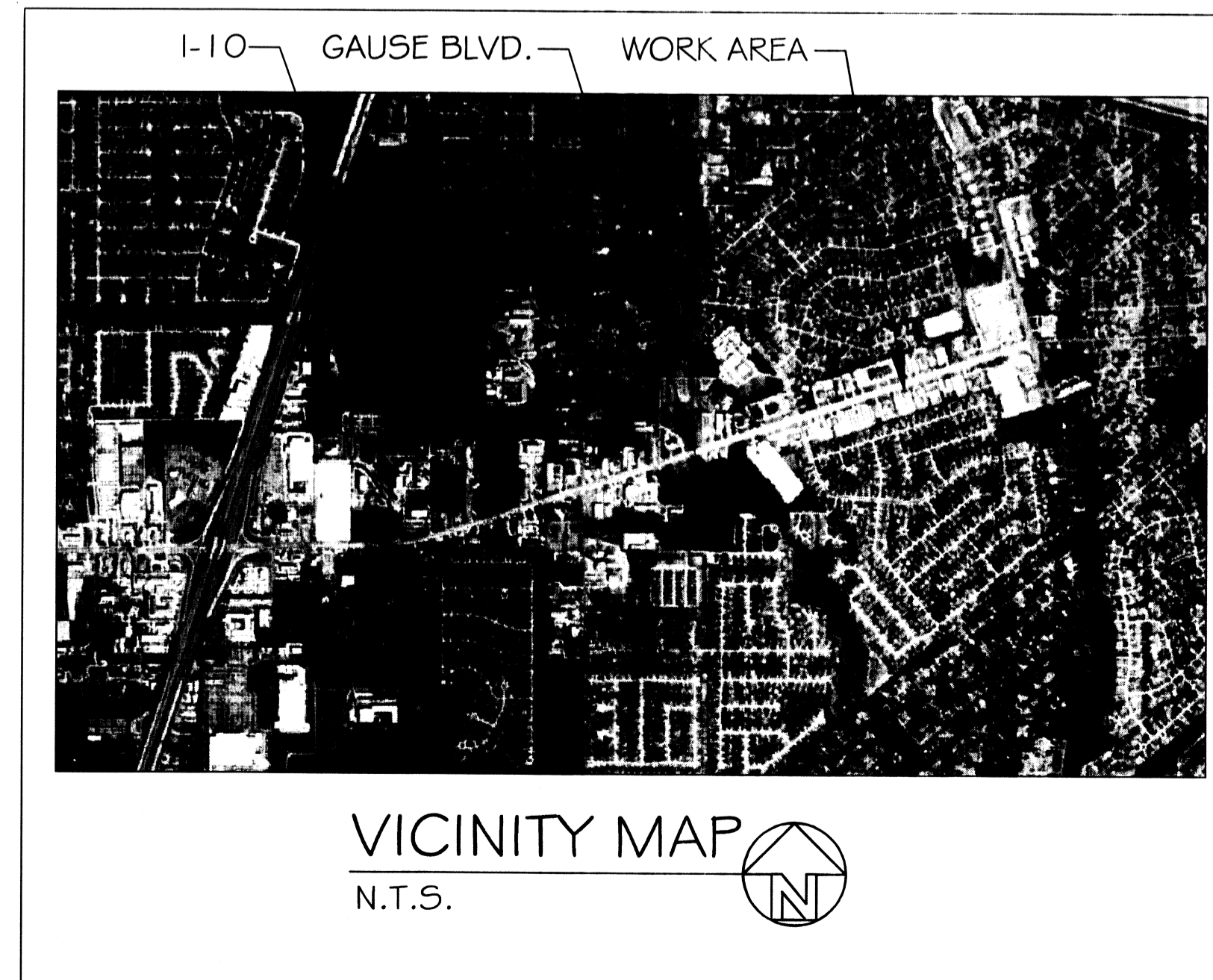
**MAX. AREA OF EXTERIOR WALL OPENINGS:** (TBL 705.8)  
 BLDGS. WITH  $\geq$  30' FIRE SEPARATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

**AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS:** (SEC 903)  
 THIS BLDG. DOES REQUIRE NOT AN AUTOMATIC SPRINKLER SYSTEM. THREE MAXIMUM CARE RECIPIENTS INCAPABLE OF SELF-PRESERVATION. (903.2.2)

**FIRE PROTECTION SYSTEM REQUIREMENTS:** (SEC 907)  
 THIS BLDG. SHALL NOT BE REQUIRED TO HAVE AN APPROVED FIRE PROTECTION 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):  $\pm$  0.18  
 LIVE LOADS: (SEC 1607)  
 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 AND ASSOCIATES, INC.  
 THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.  
 F.I.R.M. COMMUNITY MAP NO. 2252050440 D ; DATE 04-21-1999  
 FLOOD ZONE: C ; BASE FLOOD ELEVATION: N/A



INDEX OF DRAWINGS			
SHT#	DWG#	DRAWING NAME	REVISED
1		COVERSHEET	
2	C-1	SITE PLAN	
3	A-1	FLOOR PLAN	
4	A-2	REFLECTED CEILING PLAN	
5	A-3	ARCHITECTURAL DETAILS	
6	M-1	MECHANICAL PLAN	
7	M-2	MECHANICAL DETAILS	
8	E-1	POWER PLAN	
9	E-2	LIGHTING PLAN	
10	E-3	ELEC PANEL SCHEDULES	
11	P-1	PLUMBING PLAN	
12	P-2	PLUMBING DETAILS	

DR. BRIAN FONG  
 NEW MEDICAL OFFICE  
 2965 GAUSE BLVD.  
 SLIDELL, LA

DATE: 04/17/2012  
 JOB NO. 2132

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

