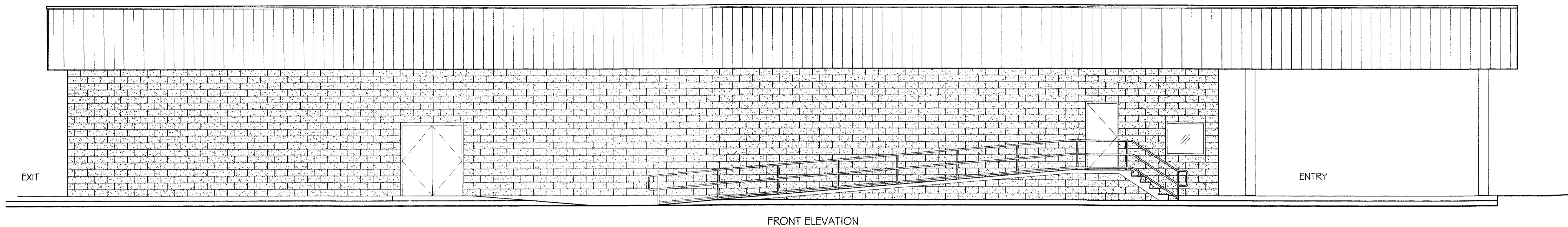


# Rain Forest Carwash



FRONT ELEVATION

3017 PONTCHARTRAIN DRIVE  
SLIDELL, LA

SQUARE FEET TOTAL: 4,587 SQ. FT.

ZONED C-3

## 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  
4,587 SQ.FT. GROSS BUILDING = TOTAL OF 46 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1019)  
1 EXIT REQUIRED FOR < 49 OCCUPANTS IN BUSINESS OCCUPANCY (1 EXIT PROVIDED)  
EXIT ACCESS TRAVEL DISTANCE = 200' UNSPRINKLED

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)  
B=23,000 SQ.FT. / 4 STORY ALLOWED, THIS PROJECT 1 STORY / 4,587 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 WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20' ABOVE SLAB. ALL ROOF CONSTRUCTION < 20' ABOVE SLAB.

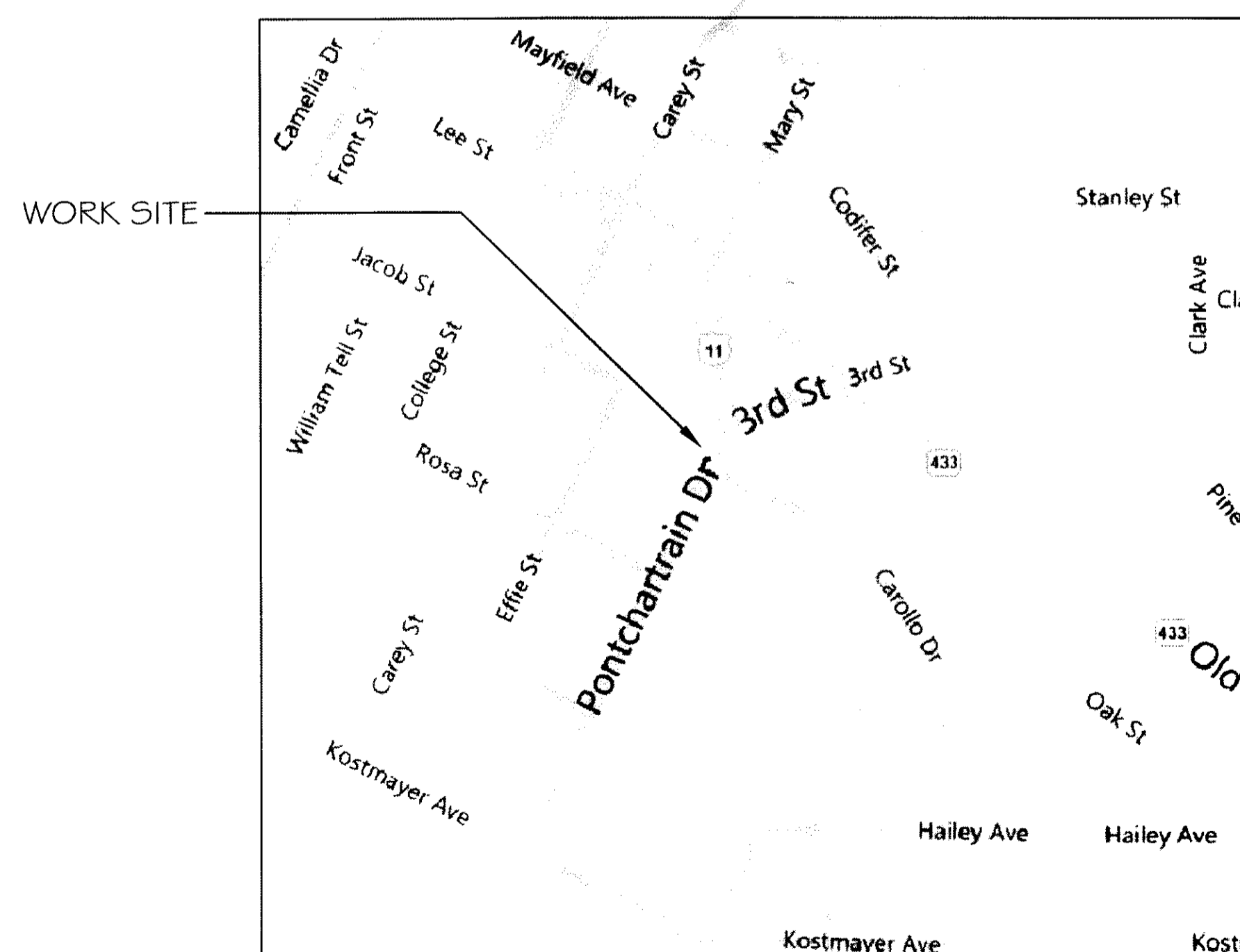
FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)  
EXTERIOR WALLS WITH  $10 < l \leq 30'$  FIRE SEPARATION DISTANCE = 0 HR.

FIRE ALARM SYSTEM REQUIREMENTS: (SEC 907)  
THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM IN ACCORDANCE WITH SEC 907.2.2 & SEC 907.2.7

CONSTRUCTION DOCUMENTS: (SEC 1603)  
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG., WITH AN INTERNAL PRESSURE COEFFICIENT OF + OR - 0.18 (ASCE 7-05 FIGURE 6-5), AND USING THE FOLLOWING INFORMATION:

BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)  
IMPORTANCE FACTOR: CATEGORY III BLDG.,  $I_E = 1.00$ ,  $I_S = 1.0$ ,  $I_W = 1.00$  (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

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES & ASSOC., INC.  
THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.  
F.I.R.M. COMMUNITY MAP NO. 220204 0010C E; DATE 4/21/99  
FLOOD ZONE: AE; B.F.E. = 11'



VICINITY MAP  
N.T.S.

INDEX OF DRAWINGS	
DWG#	DRAWING NAME
-	COVER SHEET
C-1	SITE DEMOLITION PLAN
C-2	SITE PLAN
C-3	SITE PAVING PLAN
C-4	SITE PAVING PLAN DETAILS
C-5	SITE DRAINAGE PLAN
C-6	SITE DRAINAGE PLAN CALCULATIONS & DETAILS
C-7	SITE UTILITIES PLAN
C-8	SITE UTILITIES PLAN DETAILS
C-9	SILT FENCE DETAILS
C-10	LANDSCAPING PLAN
S-1	FOUNDATION PLAN & NOTES
S-2	FOUNDATION PLAN DETAILS
S-3	MASONRY PLAN
S-4	MASONRY DETAILS
A-1	FLOOR PLAN
A-2	SCHEDULES AND NOTES
A-3	EXTERIOR ELEVATIONS
A-4	BUILDING & WALL SECTIONS
H-1	HANDICAP REQUIREMENTS
H-2	HANDICAP REQUIREMENTS
MP-1	MECHANICAL & PLUMBING PLANS, NOTES, & DETAILS
E-1	ELECTRICAL POWER PLANS
E-2	ELECTRICAL LIGHTING PLAN
E-3	ELECTRICAL SCHEDULES, DIAGRAMS, & NOTES

## 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 1609.1.2, EXCEPTION)

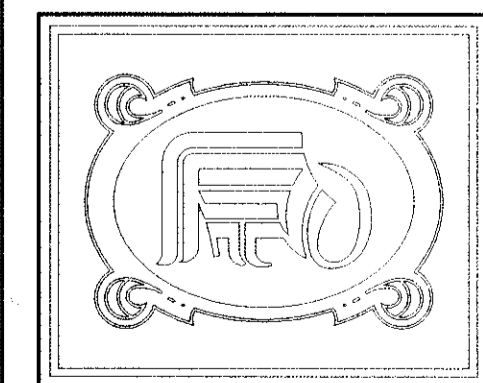
### CONTRACTOR NOTE

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)

392868  
REVIEWED FOR  
STATE FIRE MARSHAL  
AS PER REVIEW LETTER  
BY: WILLIAM D. JONES, ARCHITECT, CBO  
*William D. Jones*

DATE: 01-17-11  
JOB NO. 2085

**DAMMON ENGINEERING, INC.**  
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SHEET 1  
OF 25

RAIN FOREST CARWASH  
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DRIVE  
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