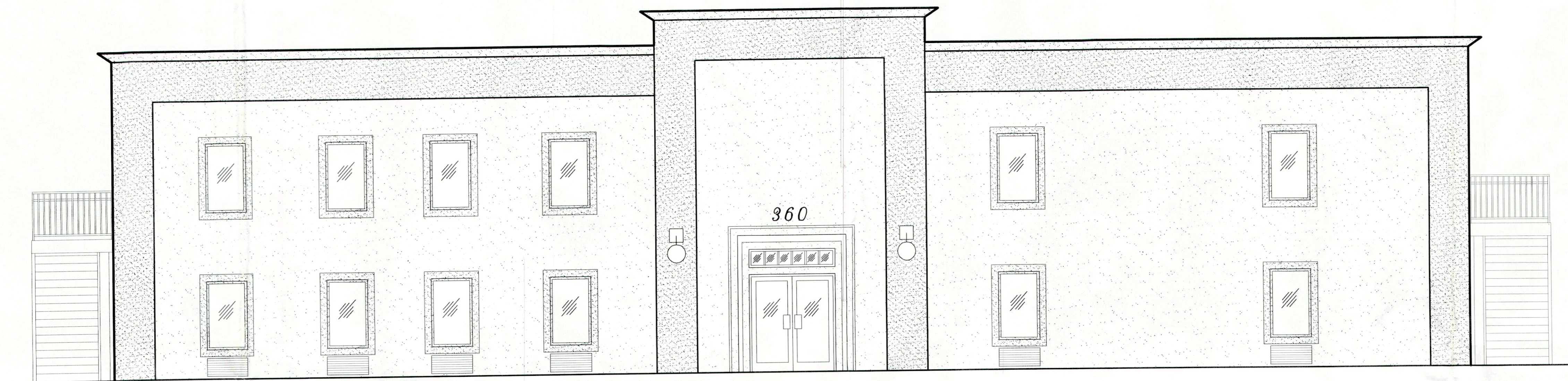


ALDERSGATE UNITED METHODIST SUNDAY SCHOOL / GYMNASIUM 360 ROBERT ROAD SLIDELL, LOUISIANA

SPRINKLED



INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS

OCCUPANCY CLASSIFICATION:
ASSEMBLY GROUP A-3 (SEC 303)
TOTAL BLDG. SQ. FT. = 9,459

OCCUPANT LOAD: (TBL 1004.1.1)
FIRE AREA #1
ASSEMBLY USE, LESS CONCENTRATED, WITHOUT FIXED SEATING 15 NET/4387 = 292.4 PERSONS
FIRE AREA #2
CLASSROOM ASSEMBLY USE, CONCENTRATED 7 NET/1791 = 255.8 PERSONS

EXIT ACCESS TRAVEL DISTANCE: (SEC 1016.1)
OCCUPANCY A, UNSPRINKLED SYSTEM = 200 FEET

CONSTRUCTION CLASSIFICATION: (SEC 602.5)
TYPE II B

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
ASSEMBLY GROUP A-3 ALLOWABLE 2 STORIES 9500 SQ. FT.

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)
STRUCTURAL FRAME = 0 HRS.
BEARING WALLS (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 SEPERATION DISTANCE = 0 HRS.

MAX. AREA OF EXTERIOR WALL OPENINGS: (TBL 704.8)
BLDGS. WITH 30' FIRE SEPERATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 907)
THIS BLDG. SHALL BE PROVIDED WITH AN APPROVED FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 907.2.1

CONSTRUCTION DOCUMENTS: (SEC 1603)
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AND ASCE 7-05 USING METHOD #2 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:
BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)
CATEGORY III BLDG.
IMPORTANCE FACTOR: I = 1.15 (TBL 1604.5)
EXPOSURE B, DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.6 (SEC 1609.4)
INTERNAL PRESSURE COEFFICIENT: +.18 & -.18 G_{ci}
DESIGN WIND PRESSURE FOR EXTERIOR COMPONENTS AND CLADDING: 26.8 PSF HORIZONTAL AND -32.2 VERTICAL
GROUND SNOW LOADS = 5 PSF (FIG. 1608.2)

MINIMUM FLOOR & ROOF LIVE LOADS (SEC 1607.1)
1ST FLOOR - GYMNASIUMS, MAIN FLOORS & BALCONIES 100 PSF
CORRIDORS 100 PSF
1ST FLOOR CLASSROOMS 40 PSF
CORRIDORS ABOVE FIRST FLOOR 80 PSF
1ST FLOOR CORRIDORS 100 PSF
2ND FLOOR STORAGE 125 PSF
ROOF LOADS 300 LBS (CONCENTRATED)
ROOF LOADS 20 PSF (LIVE LOAD)

PROTECTION OF OPENINGS FOR WIND BORNE DEBRIS:

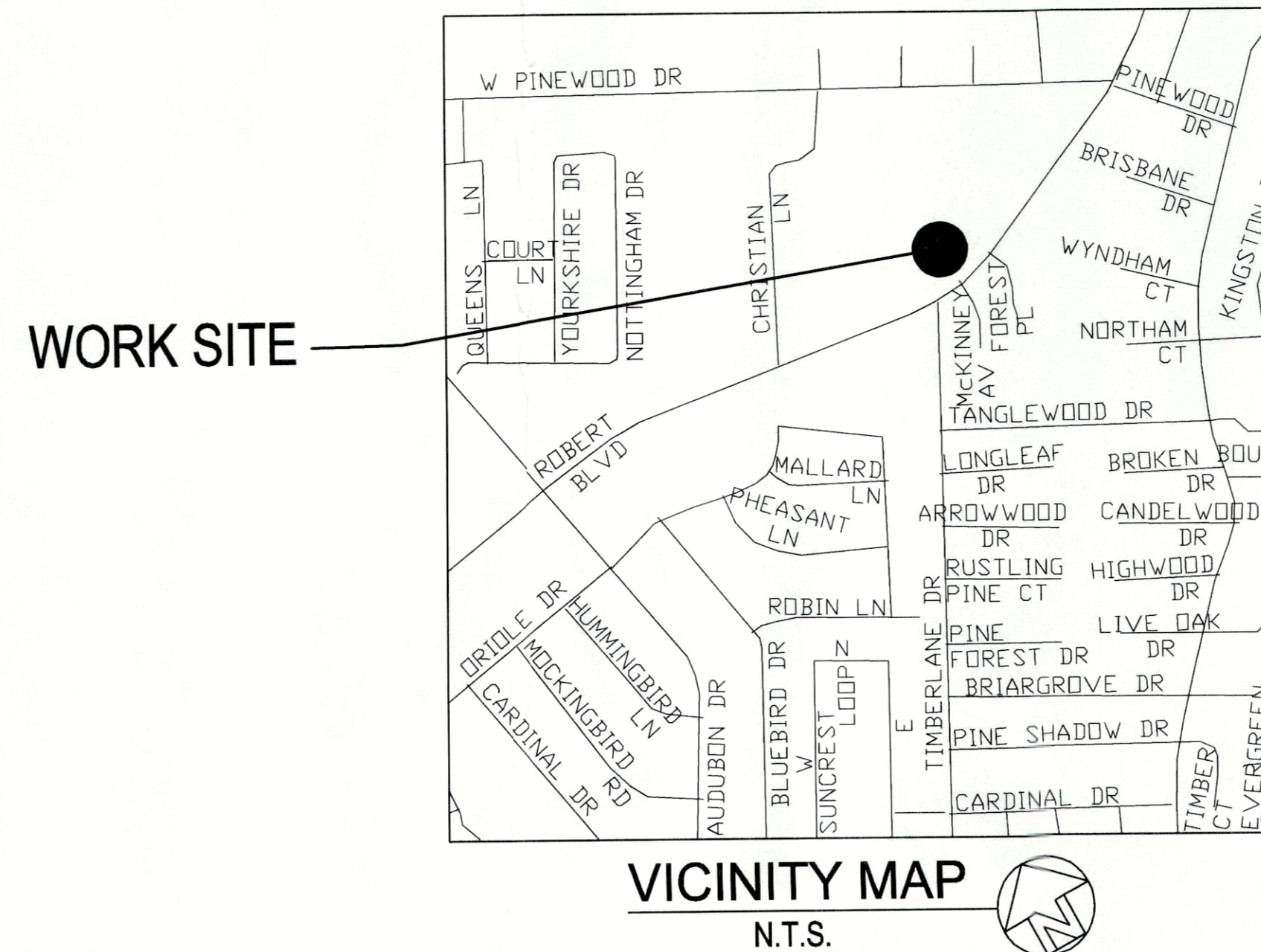
ALL GLAZING WILL HAVE APPROPRIATE SIZE WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16 INCH AND A MAXIMUM PANEL SPAN OF 8 FEET. PANELS WILL BE PRECUT AND STORED SO THAT THEY SHALL BE EASILY ATTACHED TO THE FRAMING SURROUNDING THE OPENING WITH GLAZED OPENING. PANELS WILL BE ATTACHED WITH ATTACHMENT PROVIDED FROM THE WINDOW COMPANY TO RESIST THE HORIZONTAL AND VERTICAL PRESSURES STATED ON THIS PAGE OR BY OTHER APPROVED METHOD BELOW.

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

FASTENER TYPE	FASTENER SPACING		
	4 FOOT PANEL SPAN (4 FOOT)	6 FOOT PANEL SPAN (6 FOOT)	8 FOOT PANEL SPAN (8 FOOT)
3-1/2" #8 WOOD SCREWS	16"	12"	9"
3-1/2" #8 WOOD SCREWS	16"	16"	12"

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8 FEET SHALL BE PERMITTED FOR GLAZED OPENINGS IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENING WITH ATTACHMENT HARDWARE PROVIDED.

BASED ON FEMA MAPS
THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
F.I.R.M. COMMUNITY MAP NO. 220204 0010 C; DATED 4/21/99
FLOOD ZONE: X
BASE FLOOD ELEVATION N/A.



REVISED 11/8/2007

INDEX OF DRAWINGS		
DWG#	DRAWING NAME	REVISED
C-1	COPY OF SURVEY	
C-2	SITE PLAN	
C-3	DRAINAGE PLAN	
C-4	PAVING PLAN	
C-5	UTILITY PLAN	
C-6	SILT FENCING DETAILS	
C-7	PHOTOMETRIC PLAN	
S-1	FOUNDATION LAYOUT	
A-1	FLOOR PLAN FIRST FLOOR	11/8/2007
A-2	FLOOR PLAN SECOND FLOOR	
A-3	SECTION, NOTES & DETAILS	
A-4	FRONT AND REAR ELEVATIONS	
A-5	LEFT AND RIGHT SIDE ELEVATIONS	
A-6	REFLECTED CEILING PLAN	
H-1	HANDICAP DETAILS	
H-2	HANDICAP DETAILS	
M-1	MECHANICAL PLAN	11/8/2007
E-1	POWER PLAN 1ST FLOOR	
E-2	LIGHTING PLAN 1ST FLOOR	
E-3	POWER PLAN 2ND FLOOR	
E-4	LIGHTING PLAN 2ND FLOOR	
E-5	ELEC. SCHEDULE AND NOTES	
P-1	PLUMBING PLAN	
P-2	PLUMBING RISER AND NOTES	

ALDERSGATE UNITED METHODIST
360 ROBERT BLVD.
SLIDELL, LOUISIANA

DATE: 8-21-07
JOB NO. 1849

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE
SLIDELL, LA. 70458
(985) 649-5832