LIFE-SAFETY INFORMATION

APPLICABLE CODES			
NFPA 101 LIFE-SAFETY CODE 2015 AND IBC 2021			
OCCUPANCY TYPE(S) AND CHAPTER(S)			
ASSEMBLY A-3 (CHAPTER 3)			
OCCUPANT LOAD FACTOR		*(REFERENCE TABLE 7.3.1.2)*	
BLDG 'A' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 15,526 s.f. / 50 gross = 310	2nd Flr = 14,150 s.f. / 50 gross = 283
BLDG 'B' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 4,894 s.f. / 50 gross = 98	2nd Flr = 2,651 s.f. / 50 gross = 53
BLDG 'C' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 21,605 s.f. / 50 gross = 432	2nd Flr = 12,784 s.f. / 50 gross = 256
CLASSIFICATION OF HAZARD OF CONTENTS			
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH)			
CONSTRUCTION TYPE= VB *(REFERENCE: CHAPTER8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*			
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS			
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)			
1/2 DIAGONAL =	47'-8"		
MAXIMUM DEAD-END CORRIDORS		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	
20 FEET			
MAXIMUM COMMON PATH OF TRAVEL DISTANCE		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	
20 FEET/75 FEET			
MAXIMUM TRAVEL DISTANCE TO EXITS		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	
200 FEET			
*MAIN ENTRANCES MUST BE SIGNED TO ACCOMODATE 1/2 OCCUPANT LOAD OF BUILDING			
EXTINGUISHMENT REQUIREMENTS		**SPRINKLERED**	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS		YES	
ALLOWABLE HEIGHT AND BUILDING AREA		PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE INFORMATION

APPLICABLE CODES			
IBC 2021			
ASSEMBLY GROUP A3		*(IBC 2015 CHAPTER 3)*	
OCCUPANT LOAD CALCULATIONS		*(REFERENCE TABLE 1004.1.2)*	
BLDG 'A' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 15,526 s.f. / 50 gross = 310	2nd Flr = 14,150 s.f. / 50 gross = 283
BLDG 'B' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 4,892 s.f. / 50 gross = 99	2nd Flr = 2,651 s.f. / 50 gross = 53
BLDG 'C' - ASSEMBLY A-3	50 GROSS - Exercise rooms	1st Flr = 21,605 s.f. / 50 gross = 432	2nd Flr = 12,784 s.f. / 50 gross = 256
TOTAL OCCUPANTS		Bldg A = 593 ; Bldg B = 152 ; Bldg C = 688	
CONSTRUCTION TYPE(S)		*(TABLE 503)*	
IIB & VB			
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION			
MAXIMUM HEIGHT (IBC TABLE 504.3)	MAXIMUM STORIES (IBC TABLE 504.4)	ALLOWABLE AREA FACTOR MULTI STORY SPRINKLED	ALLOWABLE AREA FACTOR MULTI STORY NON-SPRINKLED
BLDG A, SPRINKLED, TYP 2B = 75 FT	BLDG A, SPRINKLED, TYP 2B = 3	SM = 28,500 s.f.	NS = 9,500 s.f.
BLDG B, SPRINKLED, TYP 5B = 60 FT	BLDG B, SPRINKLED, TYP 5B = 2	SM = 18,000 s.f.	NS = 6,000 s.f.
BLDG C, SPRINKLED, TYP 2B = 75 FT	BLDG C, SPRINKLED, TYP 2B = 3	SM = 28,500 s.f.	NS = 9,500 s.f.

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:			
WIND DESIGN DATA: DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY			
ULTIMATE WIND SPEED =	141 MPH (IBC FIG 1609C)	NOMINAL WIND SPEED =	Vasd = 109 MPH
RISK FACTOR:	CATEGORY II	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
LIVE LOADS (IBC SEC 1607)			
ASSEMBLY FIXED SEATING (IBC TABLE 1607.1):		60 PSF	
PLATFORMS (ASSEMBLY) (IBC TABLE 1607.1):		100 PSF	
LOBBIES (IBC TABLE 1607.1):		100 PSF	
CLASSROOMS (IBC TABLE 1607.1):		40 PSF UNIFORM, 1,000 LB CONCENTRATED	
ROOF LIVE LOADS (IBC TABLE 1607.1):		20 PSF UNIFORM, 300 LB CONCENTRATED	
SNOW LOADS (IBC TABLE 1608):			
GROUND SNOW LOAD (IBC FIG 1608.2):		5 PSF	

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 220205 0420 E; REVISED 4/21/99			
FLOOD ZONE:	A	BASE FLOOD ELEVATION	17.0 NGVD
ELEVATIONS REFER TO NGVD 1929 DATUM			

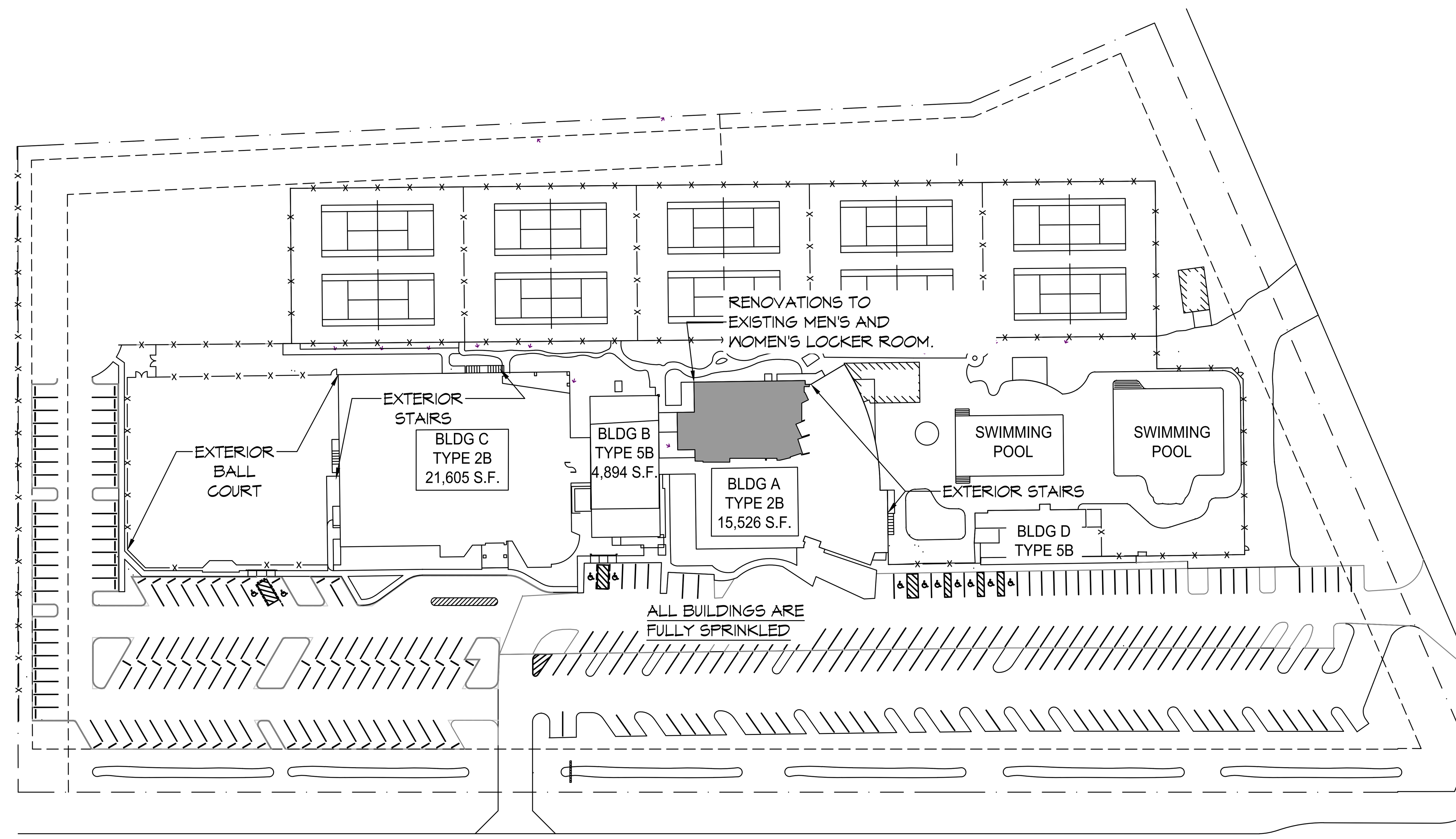
PROJECT DESCRIPTION

CROSS GATES ATHLETIC CLUB HAS THREE (3) EXISTING MAIN BUILDINGS A, B, & C. BUILDING (A) MEN'S AND WOMEN'S LOCKER ROOM WILL BE RENOVATED CONSISTING OF 3,760 SQ.FT.

PROJECT LOCATION:
200 NORTH MILITARY ROAD
SLIDELL, LA 70460

OWNER:
CROSS GATES ATHLETIC CLUB
LARRY WELCH

CG | CROSS GATES
FAMILY FITNESS



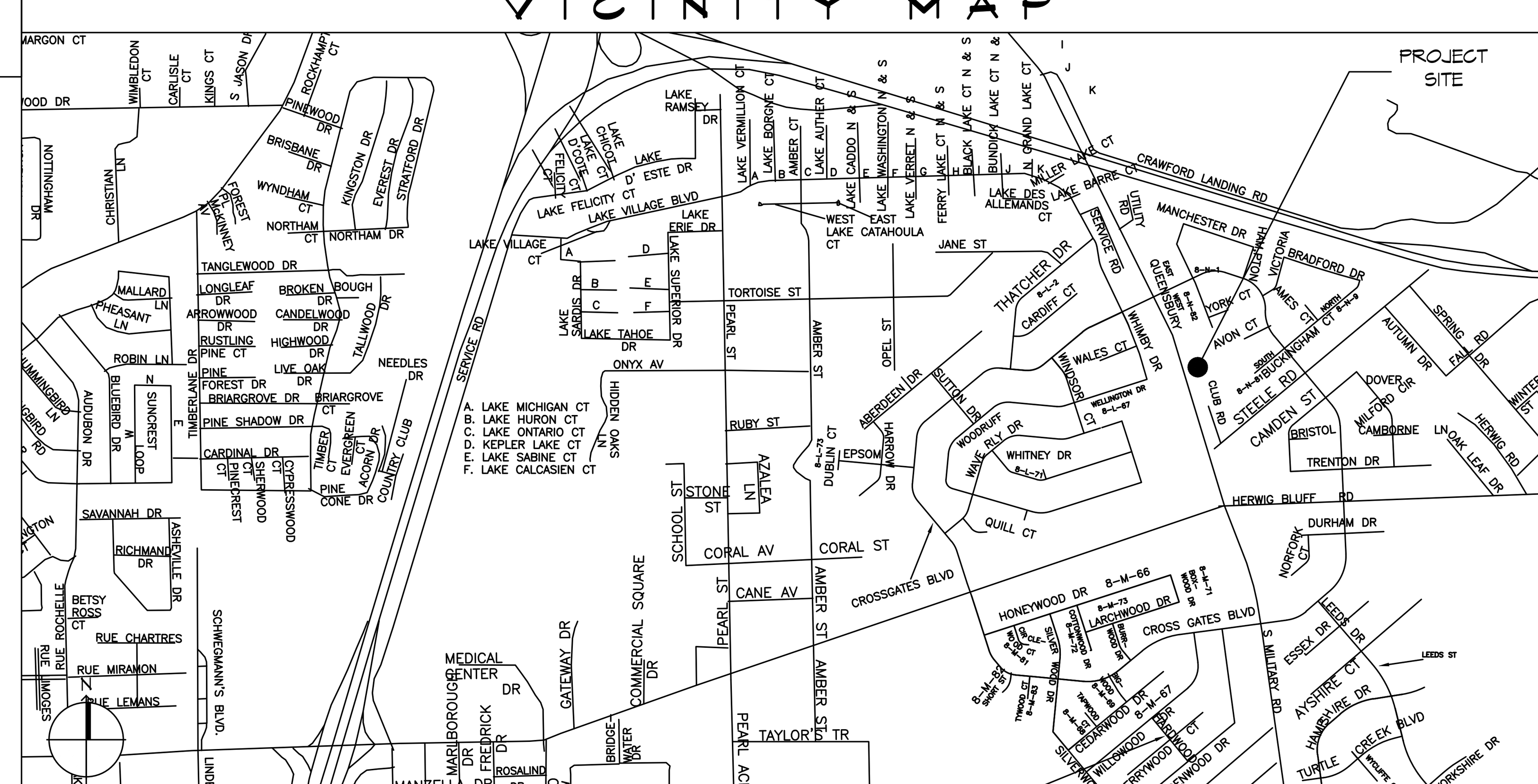
MILITARY ROAD

N

SITE PLAN

SCALE: 1-64" = 1'-0"

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G001	GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION
D101	1ST FLOOR BLDG A DEMO PLAN
D102	1ST FLOOR BLDG A DEMO REFLECTED CEILING PLAN
A101	1ST FLOOR BLDG A NEW FLOOR PLAN
A102	1ST FLOOR BLDG A CONSTRUCTION FLOOR PLAN
A103	1ST FLOOR BLDG A FINISH PLAN
A104	FINISH AND MATERIAL SCHEDULE
A105	1ST FLOOR BLDG A REFLECTED CEILING PLAN
A106	DOOR, FRAME, HARDWARE, AND GLAZING SCHEDULE
A107	PARTITION TYPES AND DETAILS
A108	INTERIOR ELEVATIONS WOMEN'S LOCKER ROOM
A109	INTERIOR ELEVATIONS MEN'S LOCKER ROOM
A110	INTERIOR ELEVATIONS MEN/WOMEN'S AND POOL DECK
E101	1ST FLOOR BLDG A POWER PLAN
E102	1ST FLOOR BLDG A LIGHTING PLAN
P101	1ST FLOOR BLDG A PLUMBING PLAN
P102	PLUMBING AND TOILET SCHEDULE

GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. **DO NOT SCALE DRAWINGS.** CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
10 NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
11. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

DAMMON ENGINEERING, INC.
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REVISIONS		
#	DESCRIPTION	DATE

SEAL:

MENS AND WOMENS LOCKER ROOM
CROSSGATES ATHLETIC CLUB
200 NORTH MILITARY ROAD
SLIDELL, LA.

JOB No:	2327	DATE:	10-10-2024
DRAWN BY:	LJP	CHECKED BY:	JMS

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SHEET TITLE:
GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION

DRAWING NUMBER:
G001

FILE NAME: J:\~ Commercial\2327 - Cross Gates Athletic\Locker Room Renovations\Working dwgs\G001 Cover Sheet.dwg PLOT DATE & TIME: Thursday, October 10, 2024 3:53:04 PM