

# LIFE-SAFETY INFORMATION

<b>APPLICABLE CODES</b>	
NFPA 101 LIFE-SAFETY CODE 2015 AND IBC 2021	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
ASSEMBLY A-3 (CHAPTER 3)	
<b>OCCUPANT LOAD FACTOR</b>	
(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 = 4,844 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
<b>CLASSIFICATION OF HAZARD OF CONTENTS</b>	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)	
CONSTRUCTION TYPE= VB (REFERENCE: CHAPTERS, TABLE A.5.2.1.2 AND COMMENTARY TABLE 6.1 IN HANDBOOK)	
<b>MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS</b>	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/2 DIAGONAL = 47'-5"	
<b>MAXIMUM DEAD-END CORRIDORS</b>	
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)	
20 FEET	
<b>MAXIMUM COMMON PATH OF TRAVEL DISTANCE</b>	
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)	
20 FEET/75 FEET	
<b>MAXIMUM TRAVEL DISTANCE TO EXITS</b>	
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)	
200 FEET	
*MAIN ENTRANCES MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
<b>EXTINGUISHMENT REQUIREMENTS</b>	
SPRINKLERED	
<b>DETECTION, ALARM, AND COMMUNICATION SYSTEMS</b>	
YES	
<b>ALLOWABLE HEIGHT AND BUILDING AREA</b>	
PER IBC EQUIVALENT CONSTRUCTION TYPE	

# BUILDING CODE INFORMATION

<b>APPLICABLE CODES</b>			
IBC 2021			
<b>ASSEMBLY GROUP AB</b>			
(IBC 2015 CHAPTER 3)			
<b>OCCUPANT LOAD CALCULATIONS</b>			
(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 = 4,842 s.f. / 50 gross = 97 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		
<b>TOTAL OCCUPANTS</b>			
Bldg A = 593; Bldg B = 152; Bldg C = 688			
<b>CONSTRUCTION TYPE(S)</b>			
Type VB			
<b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>			
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 = 29,500 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 = 29,500 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 =	V <sub>50</sub> = 109 MPH
REK FACTOR:	CATEGORY II	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
<b>LIVE LOADS (IBC SEC 1607)</b>			
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		
<b>SNOW LOADS (IBC TABLE 1608)</b>			
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	11.0 NGVD
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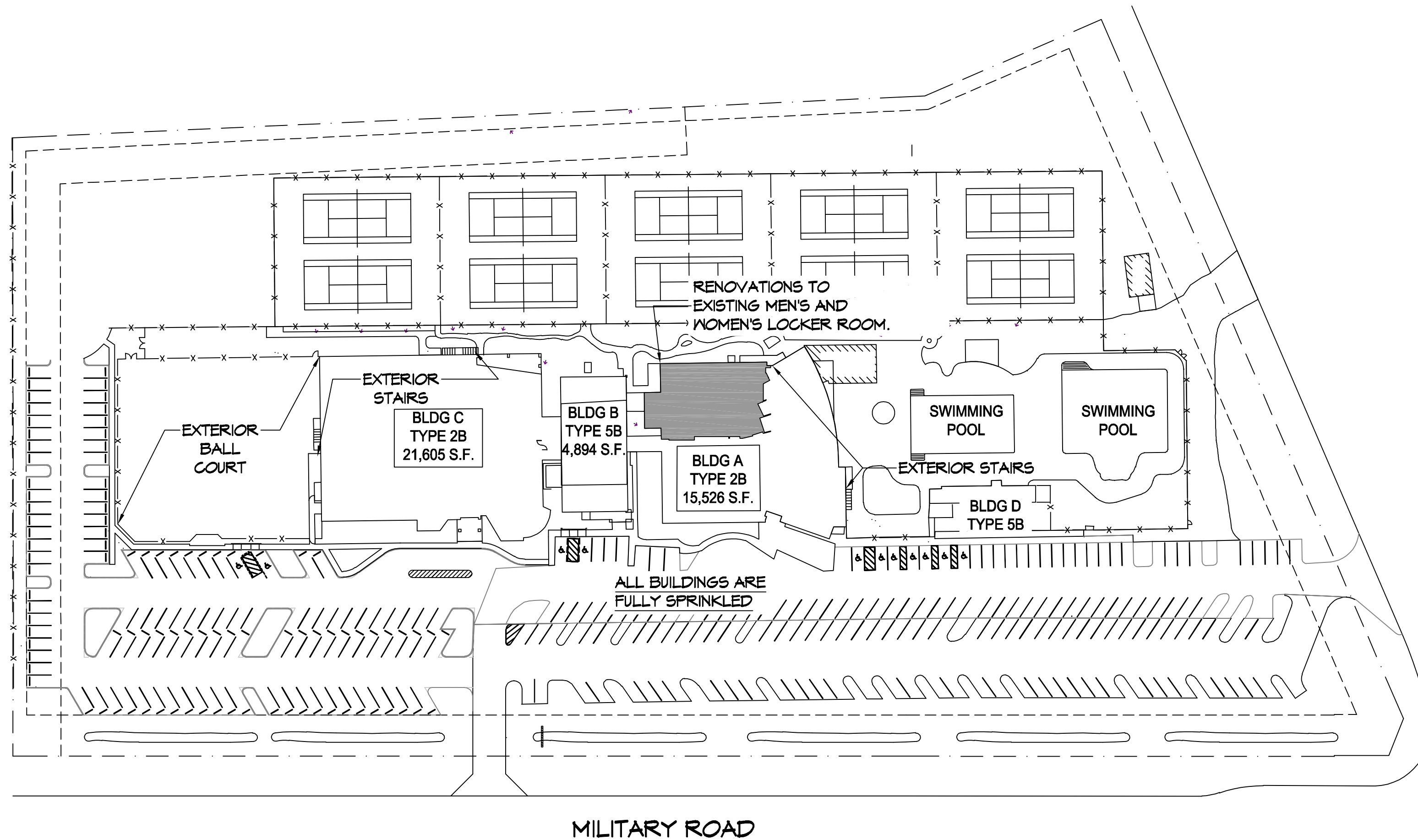
ELEVATIONS REFER TO NGVD 1929 DATUM

# 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 8,760 SQ. FT.

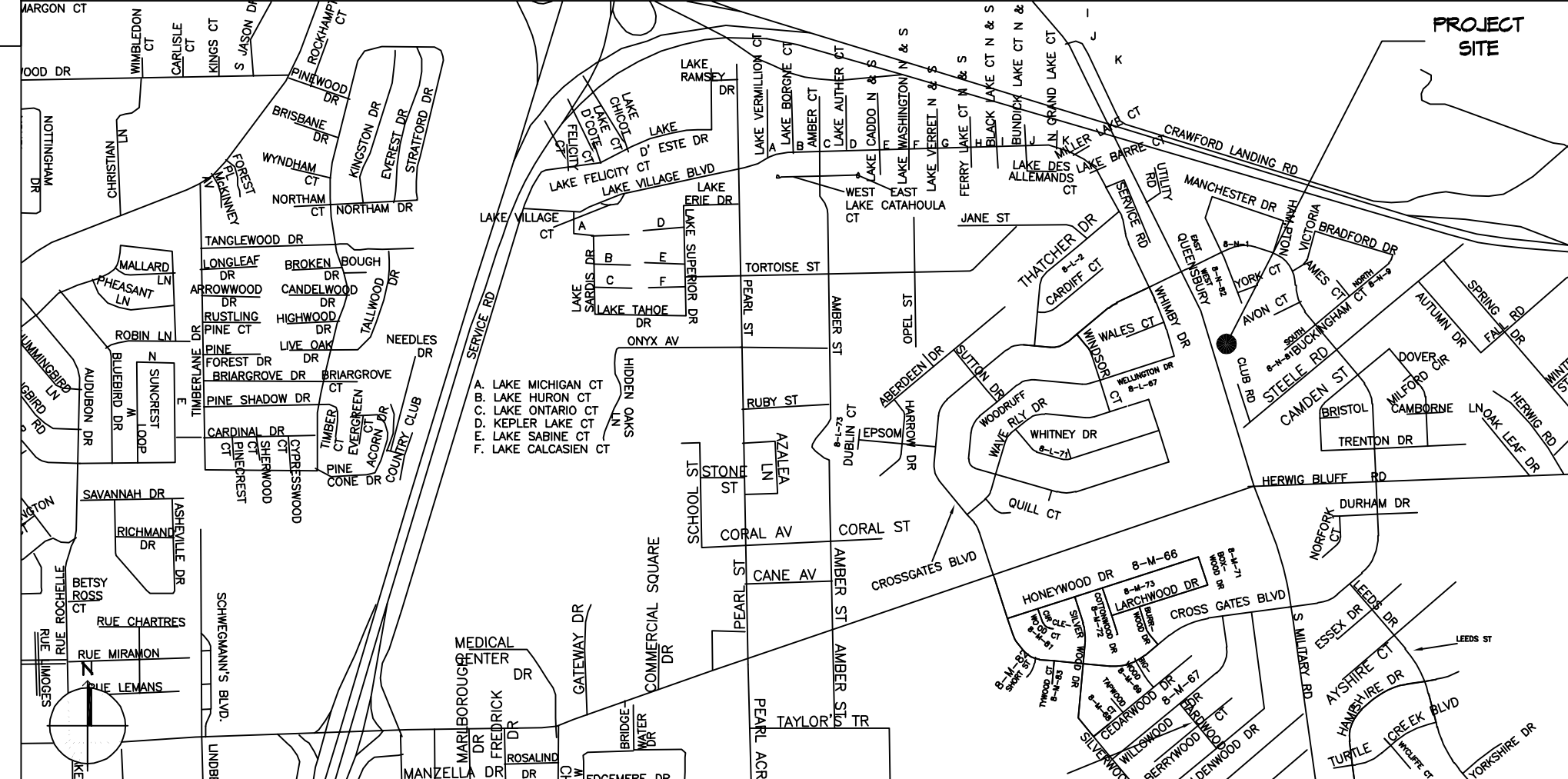
**PROJECT LOCATION:**  
300 NORTH MILITARY ROAD  
SLIDELL, LA 70460

**OWNER:**  
CROSS GATES ATHLETIC CLUB  
LARRY WELCH



**SITE PLAN**  
SCALE: 1/8" = 1'-0"

# VICINITY MAP



# SHEET INDEX

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

# GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- 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.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- 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.
- 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	DATE
#	DESCRIPTION



**MENS AND WOMENS LOCKER ROOM**

**CROSS GATES ATHLETIC CLUB**

300 NORTH MILITARY ROAD  
SLIDELL, LA

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

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

DRAWING NUMBER:  
**G001**

SHEET No: 1 of 17