

LEE COUNTY MOSQUITO CONTROL DISTRICT  
LCMCD - CHILLER UPGRADE  
15191 HOMESTEAD ROAD, LEHIGH ACRES, FL 33971

DRAWING INDEX - ARCHITECTURAL									
				CLIENT REVIEW 09-20-2023					
				100% CD 08-11-2023					
				APPENDUM 1 - 02-02-2024					
				APPENDUM 2 - 02-08-2024					
				APPENDUM 3 - 02-26-2024					
---	COVER SHEET								
G001	GENERAL NOTES & ABBREVIATIONS								
D101	DEMOLITION PLAN								
A101	CHILLER PAD PLAN & SECTION								
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M001	MECHANICAL GENERAL NOTES								
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E001	ELECTRICAL GENERAL NOTES								
E100	LIGHTING PLAN								
E101	POWER & SYSTEMS PLAN								

CODE INFORMATION:

BUILDING RISK CATEGORY: I

WIND:  
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2020, SECTION 1609 EXCEPTION 8:

"EXPOSED MECHANICAL EQUIPMENT OR APPLIANCES FASTENED TO A ROOF OR INSTALLED ON THE GROUND IN COMPLIANCE WITH THE CODE USING RATED STANDS, PLATFORMS, CURBS, SLABS, WALLS, OR OTHER MEANS ARE DEEMED TO COMPLY WITH THE WIND RESISTANCE REQUIREMENTS OF THE 2001 FLORIDA BUILDING CODE, AS AMENDED. FURTHER SUPPORT OR ENCLOSURE OF SUCH MECHANICAL EQUIPMENT OR APPLIANCES IS NOT REQUIRED BY A STATE OR LOCAL OFFICIAL HAVING AUTHORITY TO ENFORCE THE FLORIDA BUILDING CODE."

Vult = 150 MPH (3 SECOND GUST)

Vsld = 116 MPH

DESIGN LOADS:  
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2020, SECTION 1606.2:

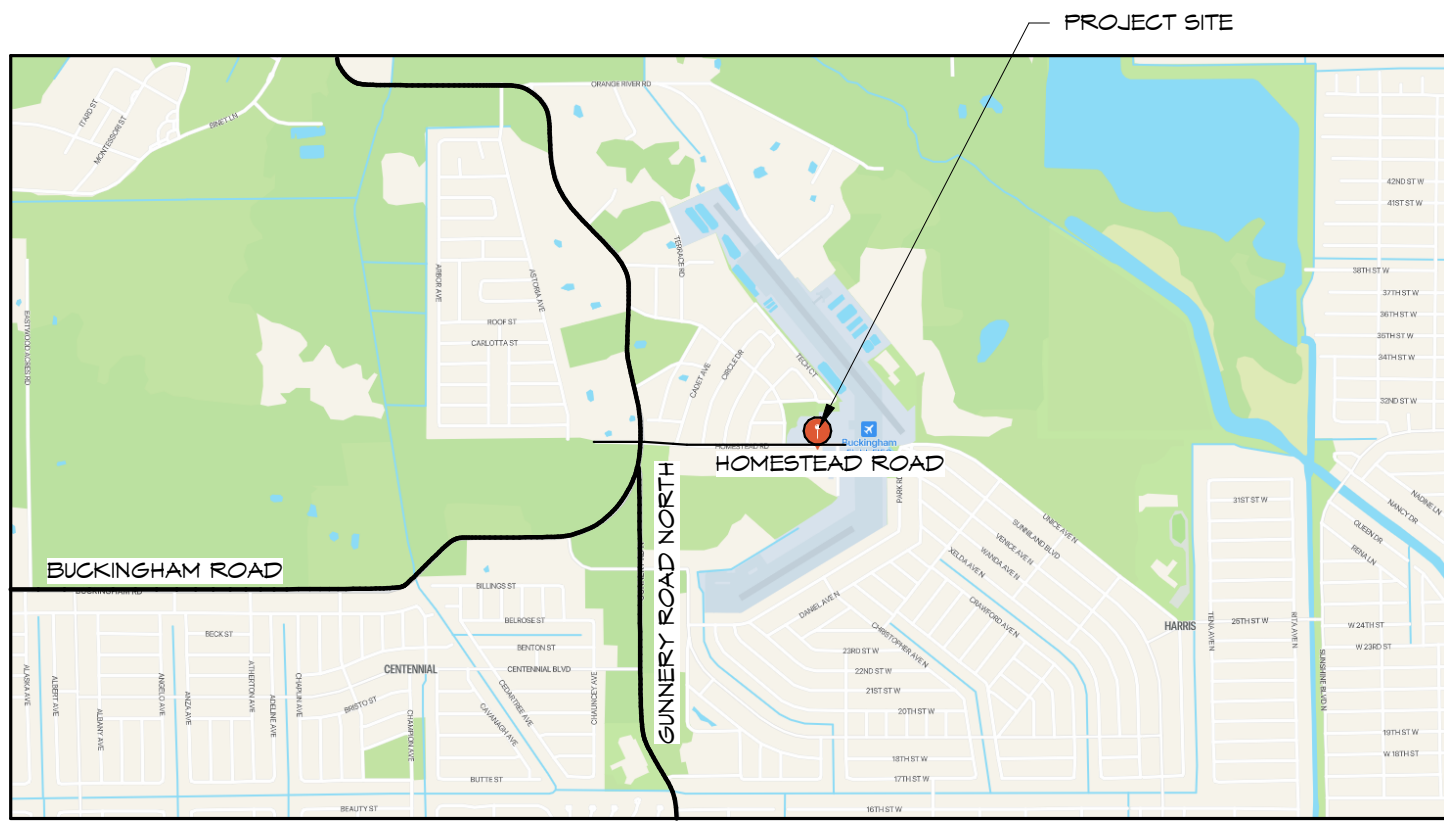
"FOR PURPOSES OF DESIGN, THE ACTUAL HEIGHTS OF MATERIALS OF CONSTRUCTION AND FIXED SERVICE EQUIPMENT SHALL BE USED. IN THE ABSENCE OF DEFINITE INFORMATION, VALUES USED SHALL BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL."

DAIKIN AG2110E CHILLER OPERATING HEIGHT IS SPECIFIED AT 6,832" OVER A SURFACE AREA OF 117.3 SQ. FT, WITH AN AVERAGE HEIGHT PER SQUARE FOOT OF 58.25".

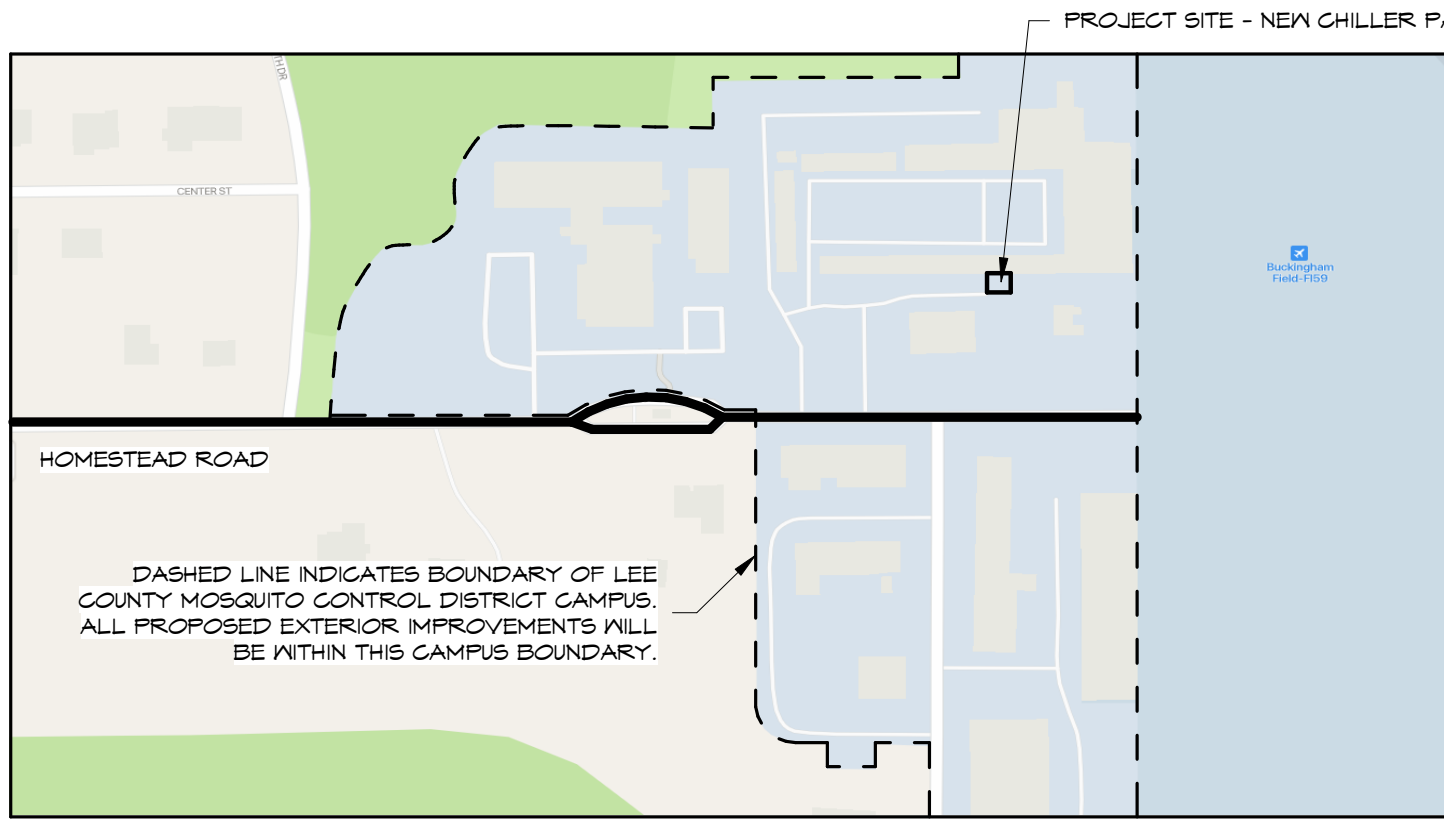
PROJECT SCOPE :

Project #2023-J-108

WORK CONSISTS OF A NEW REINFORCED CONCRETE CHILLER PAD AND CHILLER.



VICINITY MAP



LOCATION MAP



ARCHITECTURE ■ PLANNING ■ INTERIOR DESIGN

PORT CHARLOTTE, FLORIDA 33952  
Phone: (941) 639-2450  
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AA-26002422

FORT MYERS, FLORIDA 33966  
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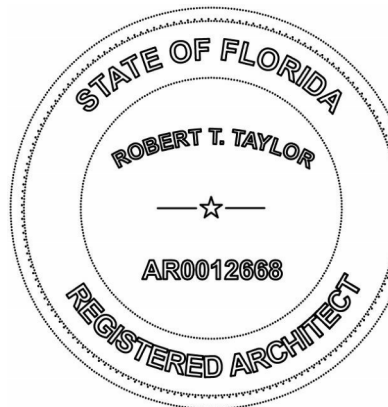
OWNER:  
LEE COUNTY MOSQUITO CONTROL DISTRICT  
15159 HOMESTEAD ROAD  
LEHIGH ACRES, FLORIDA 33971  
(239) 690-2771

MECHANICAL ENGINEER:  
BURGESS BRANT CONSULTING ENGINEERS  
12995 SOUTH CLEVELAND AVE #229  
FORT MYERS, FLORIDA 33907  
(239) 274-0020

ELECTRICAL ENGINEER:  
BURGESS BRANT CONSULTING ENGINEERS  
12995 SOUTH CLEVELAND AVE #229  
FORT MYERS, FLORIDA 33907  
(239) 274-0020

DRAWING / PHASE / REVISION

#	DESCRIPTION	DATE
	CLIENT REVIEW	09-20-2023
	100% CD	08-11-2023
1	APPENDUM 1	02-02-2024
2	APPENDUM 2	02-08-2024
3	APPENDUM 3	02-26-2024



ROBERT T. TAYLOR  
AR0012663

2023-J-108