

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					
				APPENDUM 4 - 03-01-2024					
---	COVER SHEET								
G001	GENERAL NOTES & ABBREVIATIONS								
D101	DEMOLITION PLAN								
A101	CHILLER PAD PLAN & SECTION								
A601	SPECIFICATIONS								
A602	SPECIFICATIONS								

DRAWING INDEX - MECHANICAL									
				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					
				APPENDUM 4 - 03-01-2024					
M001	MECHANICAL GENERAL NOTES								
M002	HVAC CONTROLS								
M100	CHILLER PLAN								

DRAWING INDEX - ELECTRICAL									
				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					
				APPENDUM 4 - 03-01-2024					
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)
V88d = 116 MPH

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

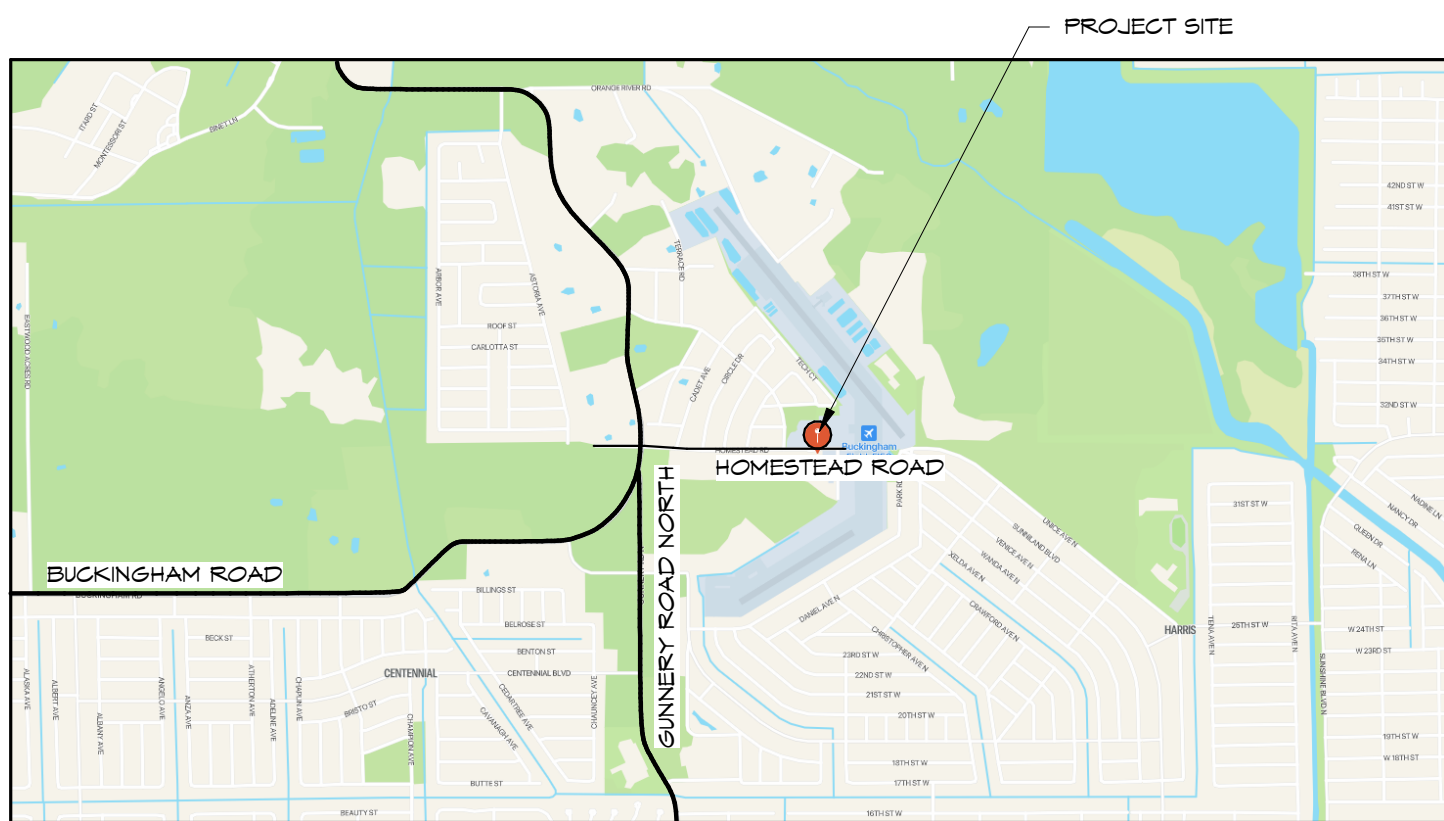
"FOR PURPOSES OF DESIGN, THE ACTUAL HEIGHTS OF MATERIALS OF CONSTRUCTION AND FIXED SERVICE EQUIPMENT SHALL BE USED. IN THE ABSENCE OF DEFINITE INFORMATION, VALUES USED SHALL BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL."

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".

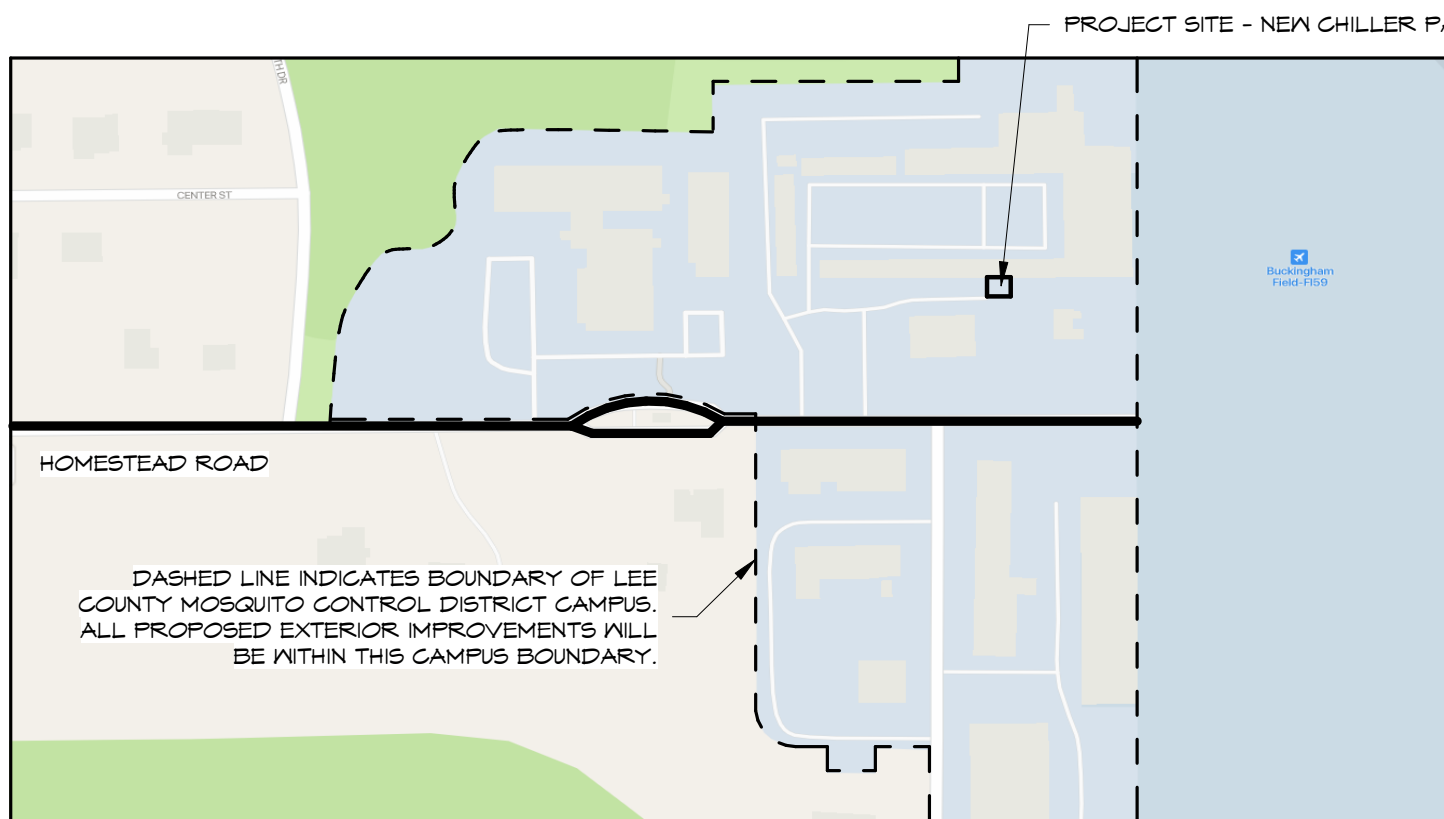
PROJECT SCOPE :

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
Fax: (941) 639-2438
AA-26002422

FORT MYERS, FLORIDA 33966
Phone: (239) 277-0554
Fax: (239) 277-0741
www.alliancedesigngroup.com



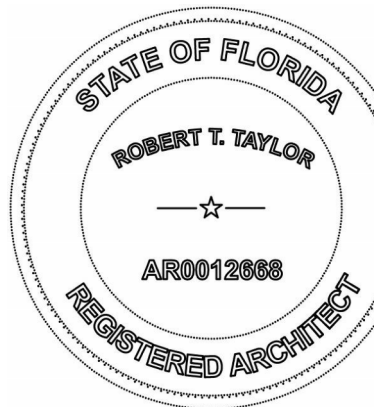
OWNER:
LEE COUNTY MOSQUITO CONTROL DISTRICT
15159 HOMESTEAD ROAD
LEHIGH ACRES, FLORIDA 33971
(239) 690-2771

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	09-11-2023
1	APPENDUM 1	02-02-2024
2	APPENDUM 2	02-08-2024
3	APPENDUM 3	02-26-2024
4	APPENDUM 4	03-01-2024



ROBERT T. TAYLOR
AR0012663

2023-J-108