

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						
---	COVER SHEET		●	●					
G001	GENERAL NOTES & ABBREVIATIONS		●	●	●				
D101	DEMOLITION PLAN		●	●	●	●			
A101	CHILLER PAD PLAN & SECTION		●	●					
A601	SPECIFICATIONS		●	●					
A602	SPECIFICATIONS		●	●					

DRAWING INDEX - MECHANICAL									
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			100% CD 08-11-2023						
			APPENDUM 1 - 02-02-2024						
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M001	MECHANICAL GENERAL NOTES		●	●					
M002	HVAC CONTROLS		●	●					
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DRAWING INDEX - ELECTRICAL									
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			APPENDUM 2 - 02-08-2024						
E001	ELECTRICAL GENERAL NOTES		●	●					
E100	LIGHTING PLAN		●	●					
E101	POWER & SYSTEMS PLAN		●	●					

CODE INFORMATION:

BUILDING RISK CATEGORY: I

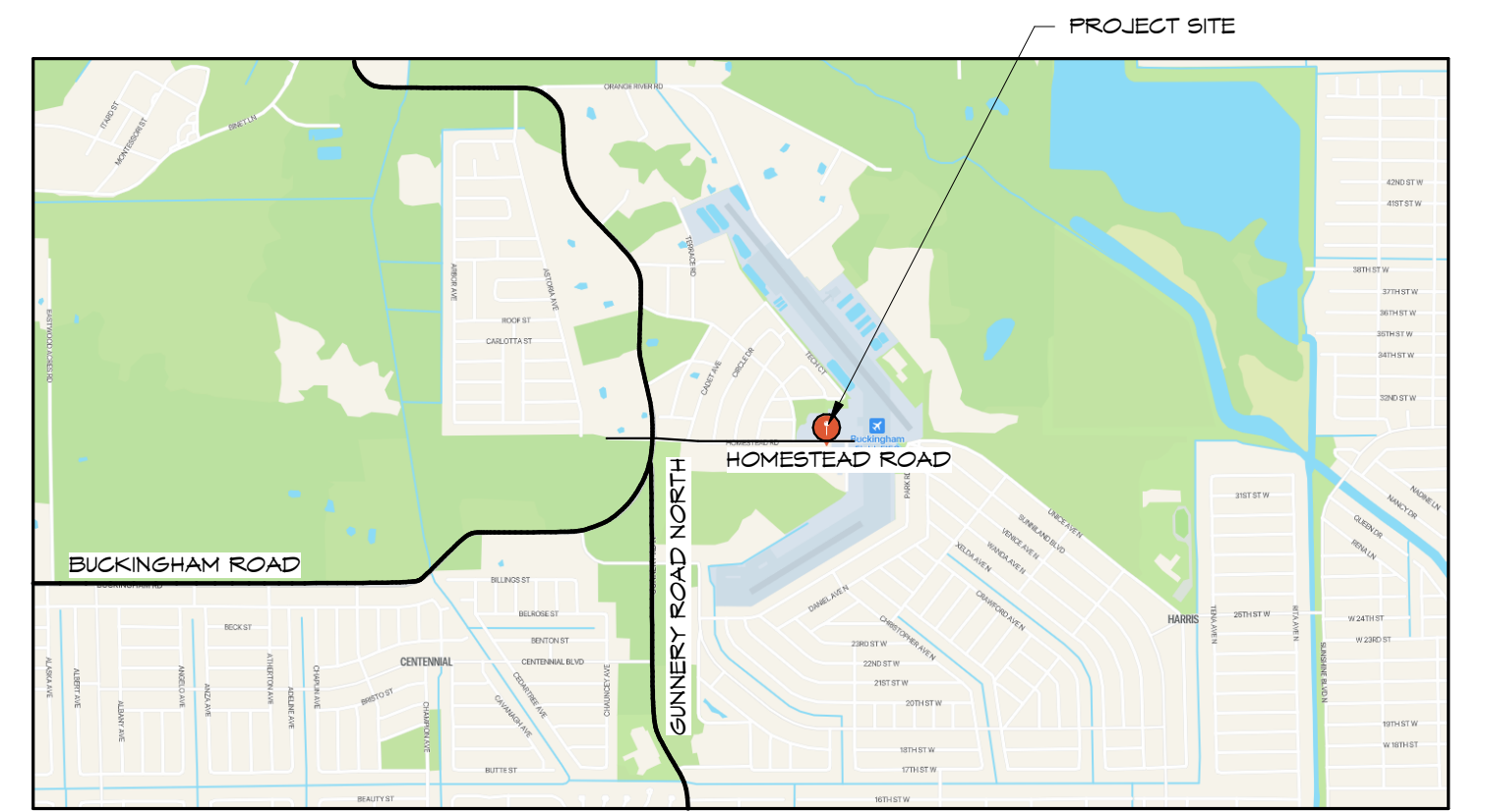
WIND:
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2020, SECTION 1609 EXCEPTION 8:
"EXPOSED MECHANICAL EQUIPMENT OR APPLIANCES FASTENED TO A ROOF OR INSTALLED ON THE GROUND IN COMPLIANCE WITH THE CODE USING RATED STANDS, PLATFORMS, CURBS, SLABS, WALLS, OR OTHER MEANS ARE DEEMED TO COMPLY WITH THE 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

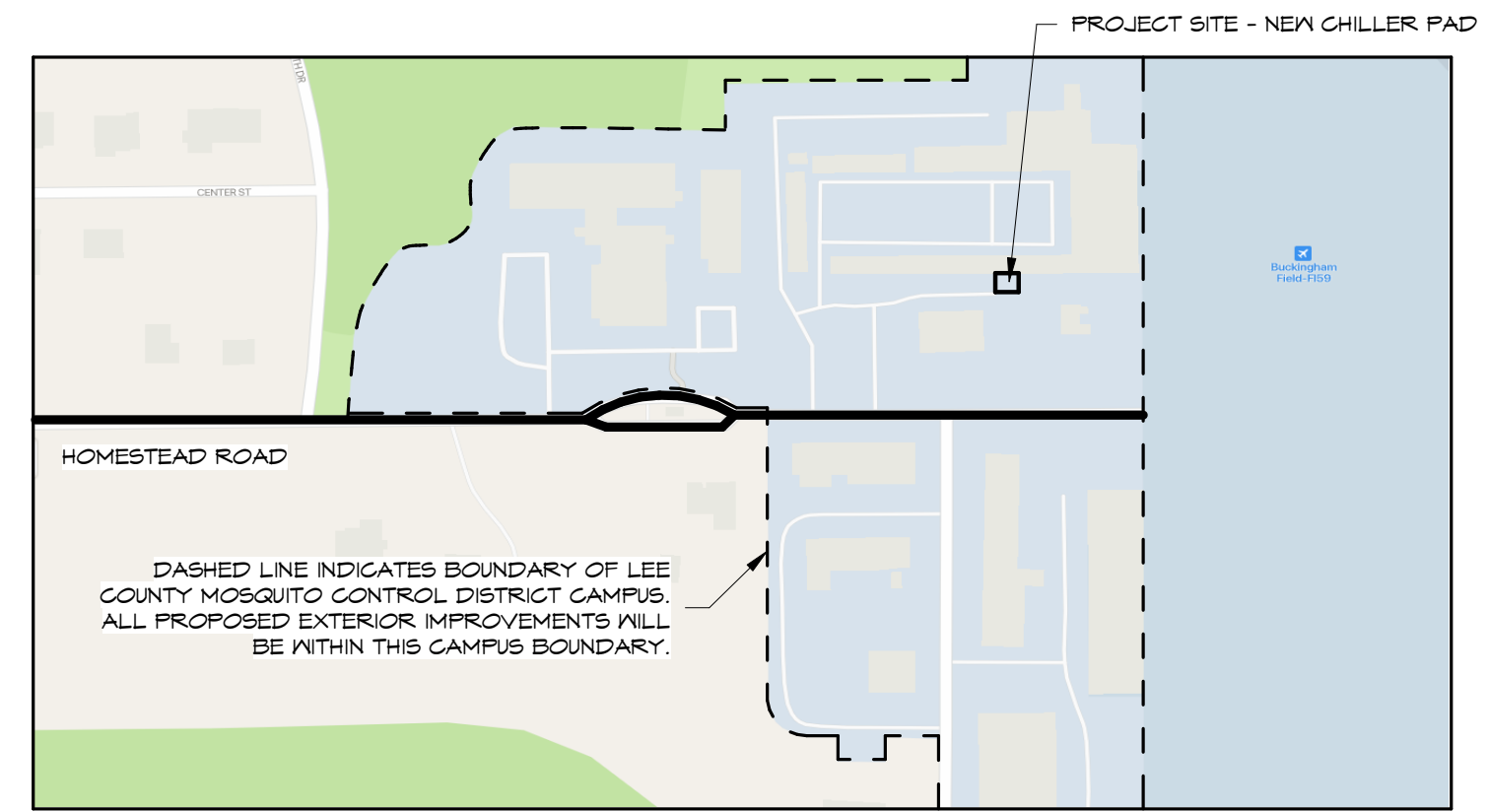
DESIGN LOADS:
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2020, SECTION 1606.2:
"FOR PURPOSES OF DESIGN, THE ACTUAL HEIGHTS OF MATERIALS OF CONSTRUCTION AND FIXED SERVICE EQUIPMENT SHALL BE USED. IN THE ABSENCE OF DEFINITE INFORMATION, VALUES USED SHALL BE SUBJECT TO THE APPROVAL OF THE BUILDING 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 :
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

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Phone: (239) 277-0554
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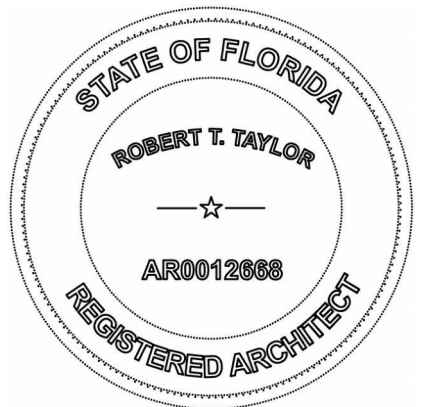
OWNER:
LEE COUNTY MOSQUITO CONTROL DISTRICT
15159 HOMESTEAD ROAD
LEHIGH ACRES, FLORIDA 33971
(239) 690-2771

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

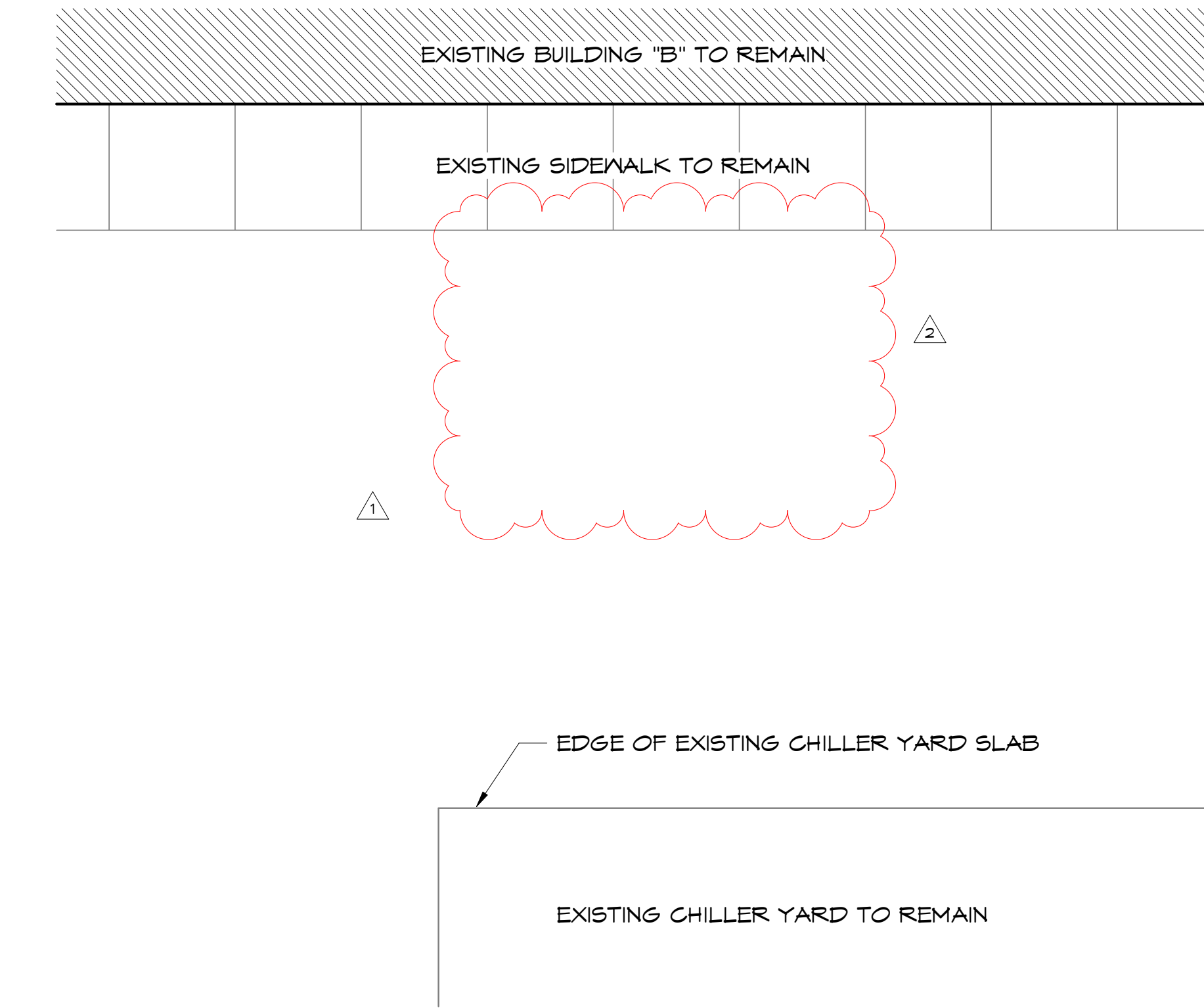
DRAWING / PHASE / REVISION

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



ROBERT T. TAYLOR
AR0012668

2023-J-108



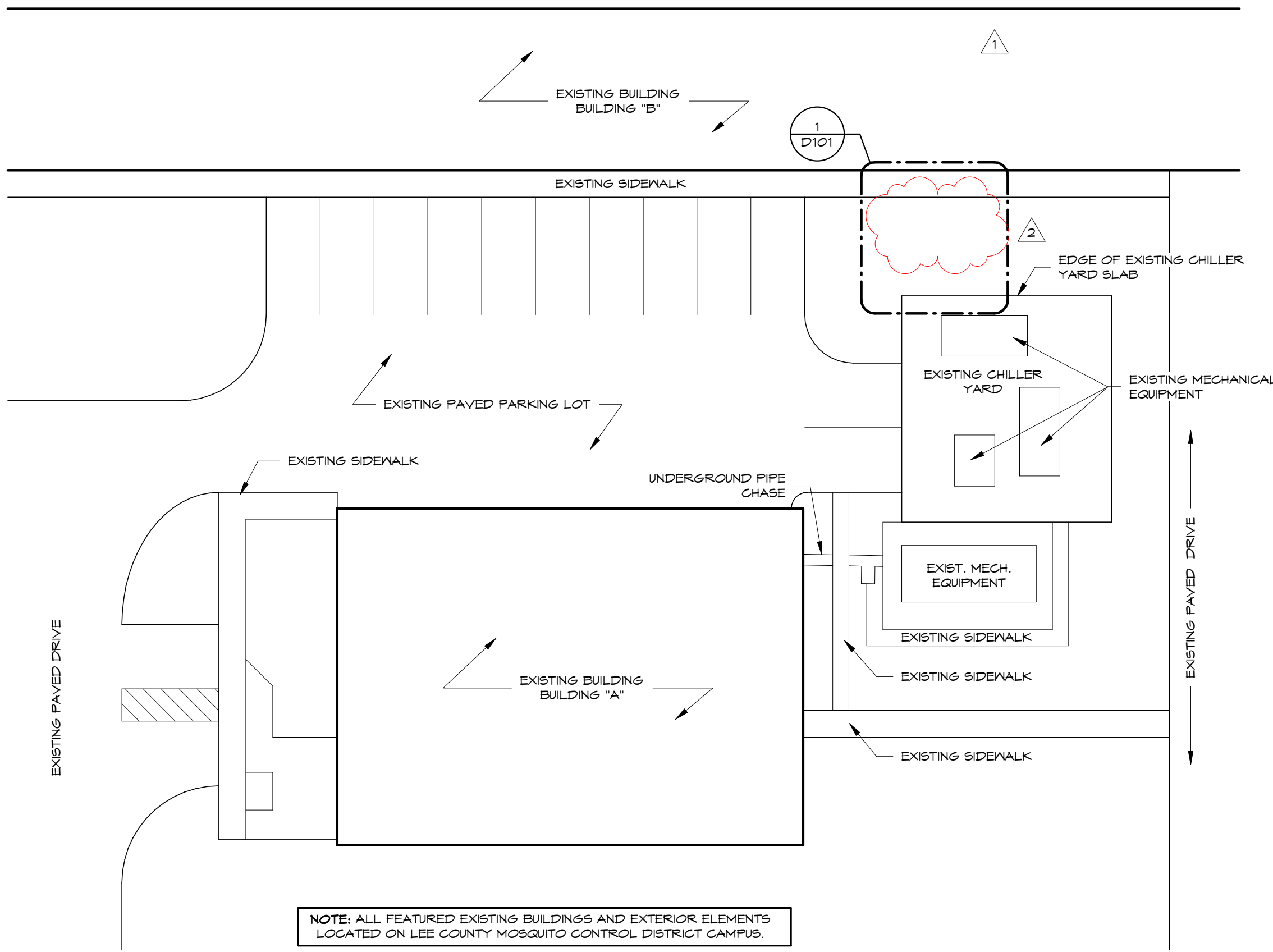
1 DEMOLITION PLAN
SCALE : 1/4" = 1'-0"



DEMOLITION GENERAL NOTES

1. PLAN SUMMARIZES DEMOLITION SCOPE BUT IS NOT ALL INCLUSIVE. DEMOLITION INCLUDES ALL ACTIVITIES REQUIRED TO ACCOMPLISH THE PROJECT INTENT. THIS INCLUDES PARTIAL OR COMPLETE REMOVAL OF EXISTING BUILDING STRUCTURE INCLUDING WALL AND FLOOR FINISHES, CEILINGS OR OTHER MATERIALS + EQUIPMENT, AND STRUCTURE.
2. REMOVE AND RELOCATE EXISTING APPLIANCES, COPY MACHINES, ETC. AT DIRECTION OF OWNER.
3. CONTRACTOR TO VERIFY ALL PARTITION WALLS ARE NON-LOAD BEARING FOR EXISTING STRUCTURE THAT REMAINS.
4. CONTRACTOR TO PROVIDE TEMPORARY BARRIERS AROUND CONSTRUCTION AREAS.

DEMOLITION PLAN KEYNOTES



CONTEXTUAL SITE PLAN - DEMOLITION

SCALE : 1" = 20'-0"

