

LEGEND

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT
- WALL HUNG "ABC" FIRE EXTINGUISHER
- DOOR / CLOSER FOR EXITING OR RATING REASONS
- PRIMARY EGRESS w/ EXIT CAPACITY
- SECONDARY EGRESS
- EMERGENCY LIGHT w/ BATTERY BACKUP

NOTE:
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 700-12F

NOTE:
SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 90" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH STORE PANEL w/ BATTERY BACKUP

EXIT ACCESS TRAVEL DISTANCE PER FBC 1015, TABLE 1015.1
OCCUPANCY - BUSINESS
150 FT. (WITHOUT SPRINKLER SYSTEM)
250 FT. (WITH SPRINKLER SYSTEM)



LIFE SAFETY FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTE:
TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS, SECONDARY EM. EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN



2" SQ. MALTESE CROSS w/ "F/R" IDENTIFIER
SIGNAGE, MOUNTED 60" ABV. WALKWAY
LOCATE AS DIRECTED BY THE FIRE MARSHAL

2017 FBC-BUILDING, TABLE 1004.1.2
MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT

OCCUPANCY CLASSIFICATION	FLOOR AREA	OCCUPANCY BASIS	NUMBER OF OCCUPANTS
STORAGE	3,342	@ 1/300 SF	11
OFFICE	598	@ 1/100 SF	6
SHOWROOM	415	@ 1/60 SF	7
BATHROOM	145	@ 1/PER BATH	2
BUILDING TOTALS	4,500		26



APPROVED (Subject to Revisions)
Life Safety Services
Columbia County Fire Rescue
Florida State Fire Inspector # 135418
By: [Signature] Date: 01-07-2020

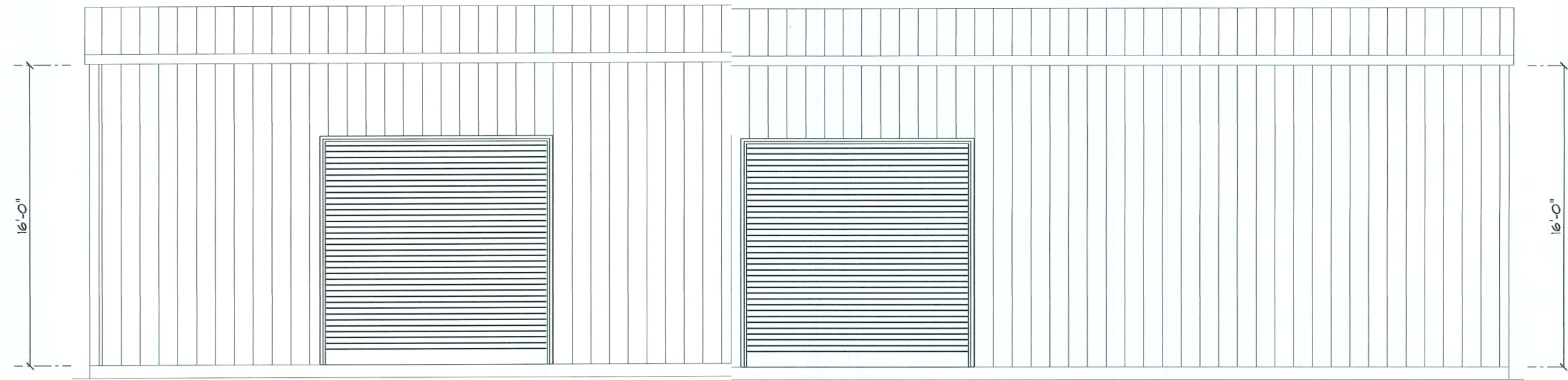
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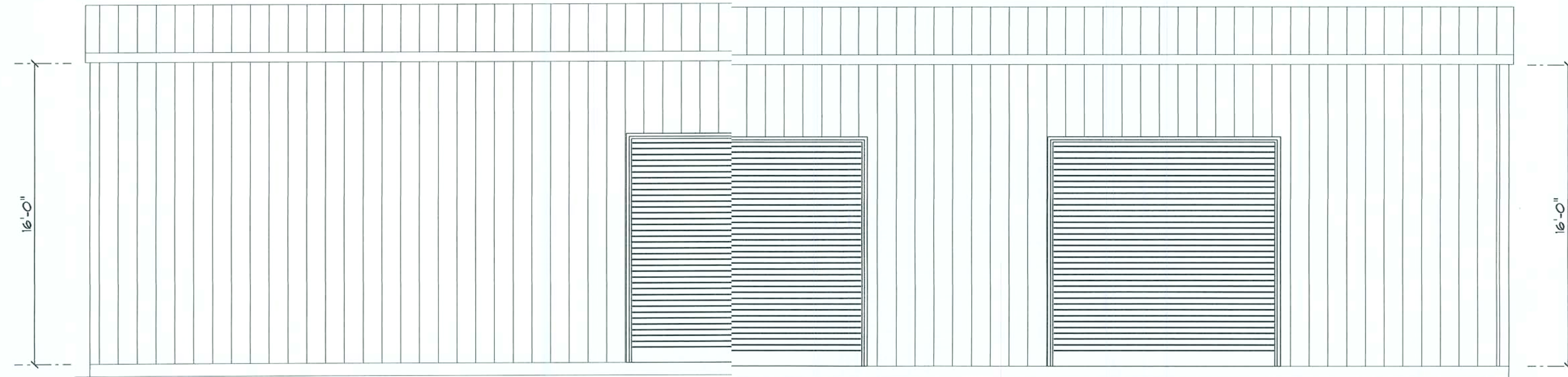
SHEET NUMBER
A.1
OF 4 SHEETS

AR0007005

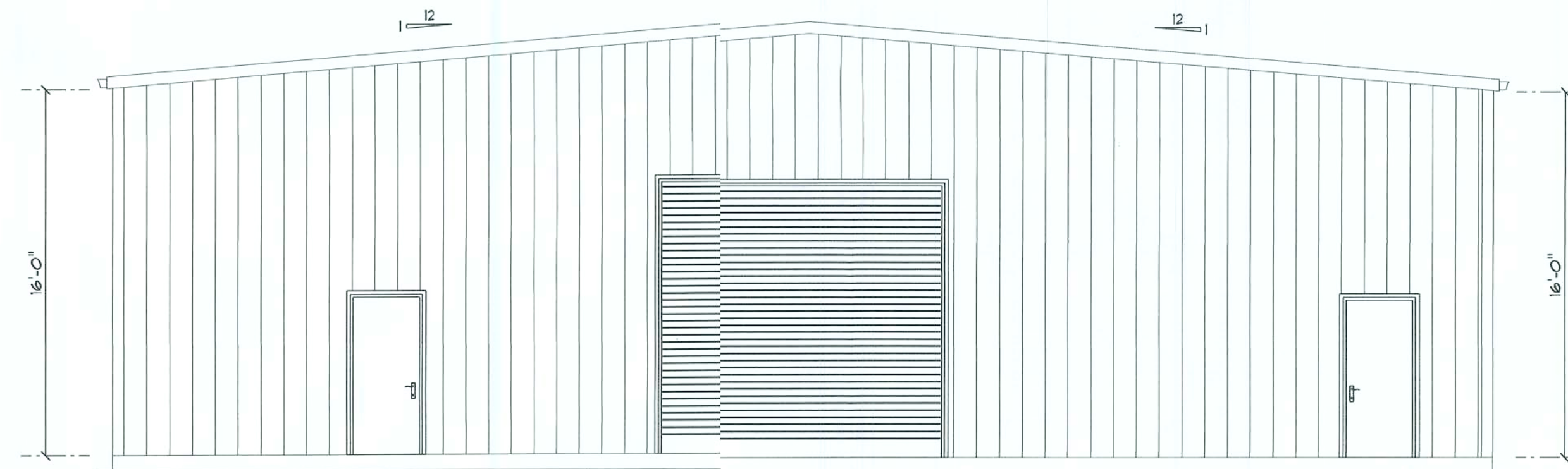
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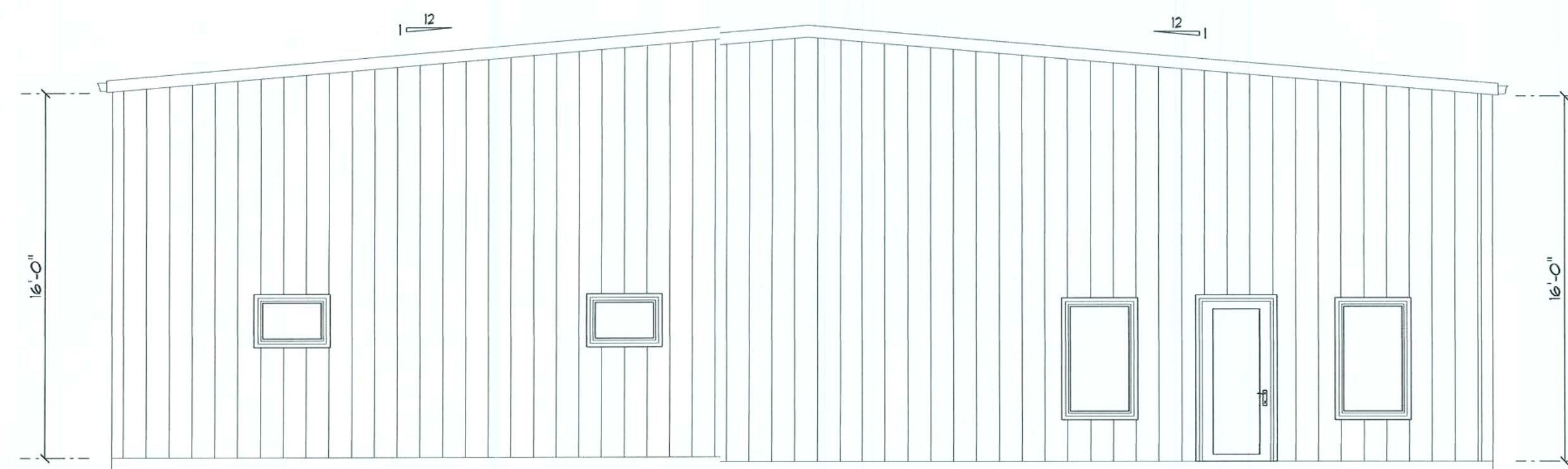
LEFT ELEVATION
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"



FRONT ELEVATION
SCALE: 1/8" = 1'-0"

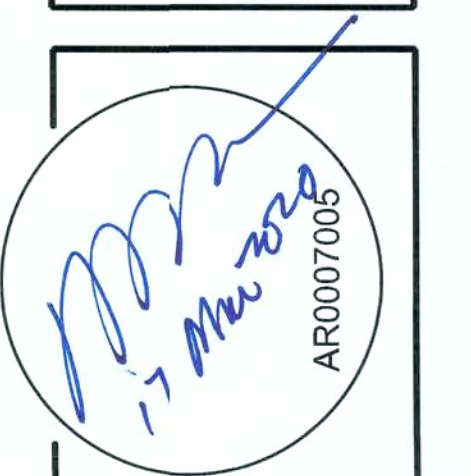
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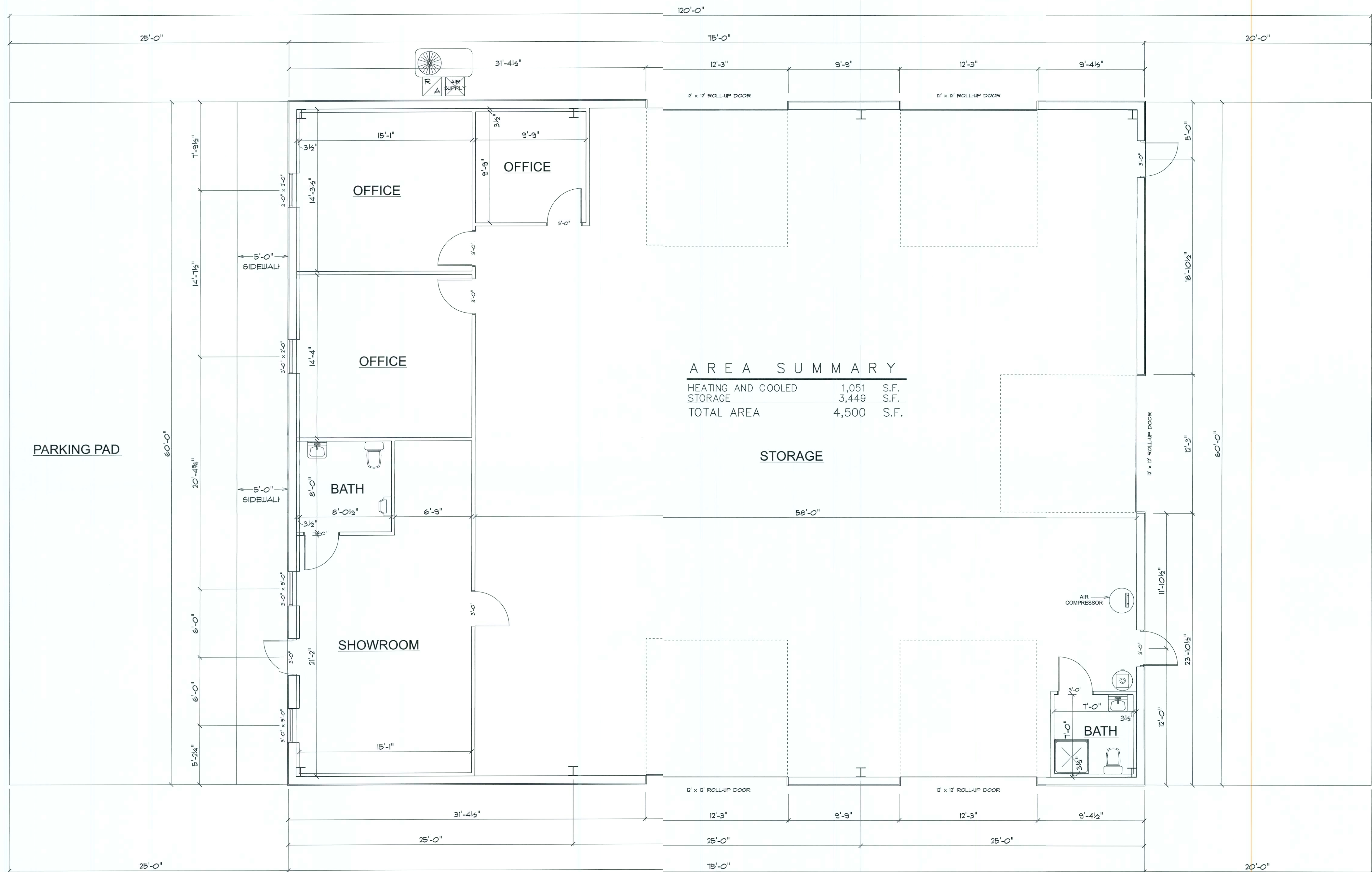
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GEISLER
ARCHITECT
N.C.A.R.B. Certified
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(386) 345-4385

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AREA SUMMARY		
HEATING AND COOLED	1,051	S.F.
STORAGE	3,449	S.F.
TOTAL AREA	4,500	S.F.

DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"

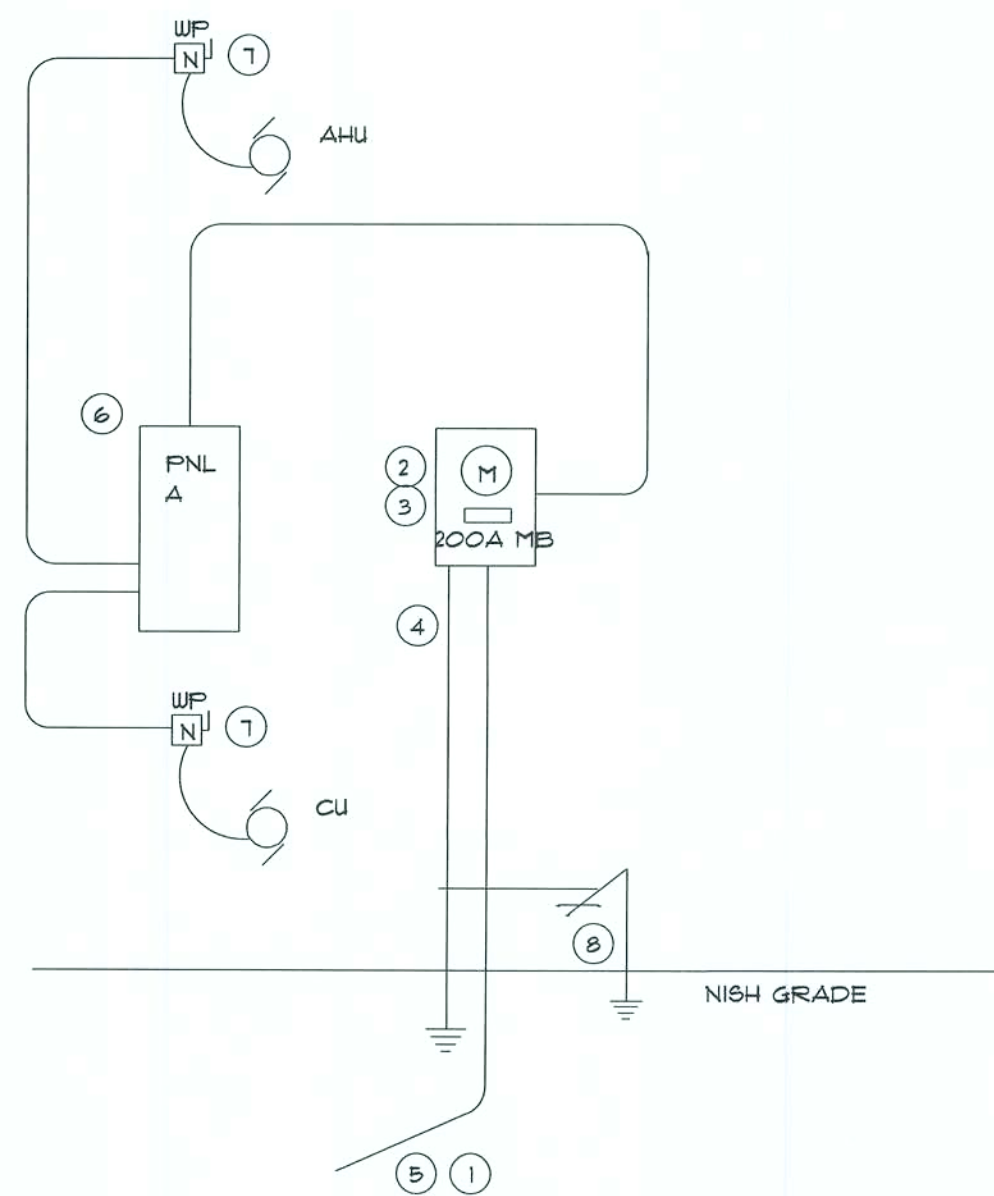
MIKE HALL
LAKE CITY, FLORIDA
GAMBLE CONSTRUCTION
8588 US-90, Live Oak, FL 32060

JOINT VENTURED WITH
RIDGEPOINT DESIGN
RIDGEPOINTDESIGNHALL.COM | 386-388-888
NICHOLAS PAUL
GEISLER
ARCHITECT
1159 NW Brown Rd.
Lake City, FL 32055
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17 March 2020

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- ① Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor. Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- ② Meter Enclosure, weatherproof, U.L. Listed.
- ③ Main Disconnect Switch: fused or Main BRKR, weatherproof, U.L. Listed.
- ④ Service entrance Ground: 5/8" iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item #5, below.
- ⑤ 200 AMPERE SERVICE: Refer to SERVICE COMPUTATIONS
- ⑥ Panelboard (PNL), U.L. Listed, sized per schedule.
- ⑦ Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- ⑧ Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL BOARD BRKRS
AND DISCONNECT SWITCHES SHALL BE 22,000AIC.

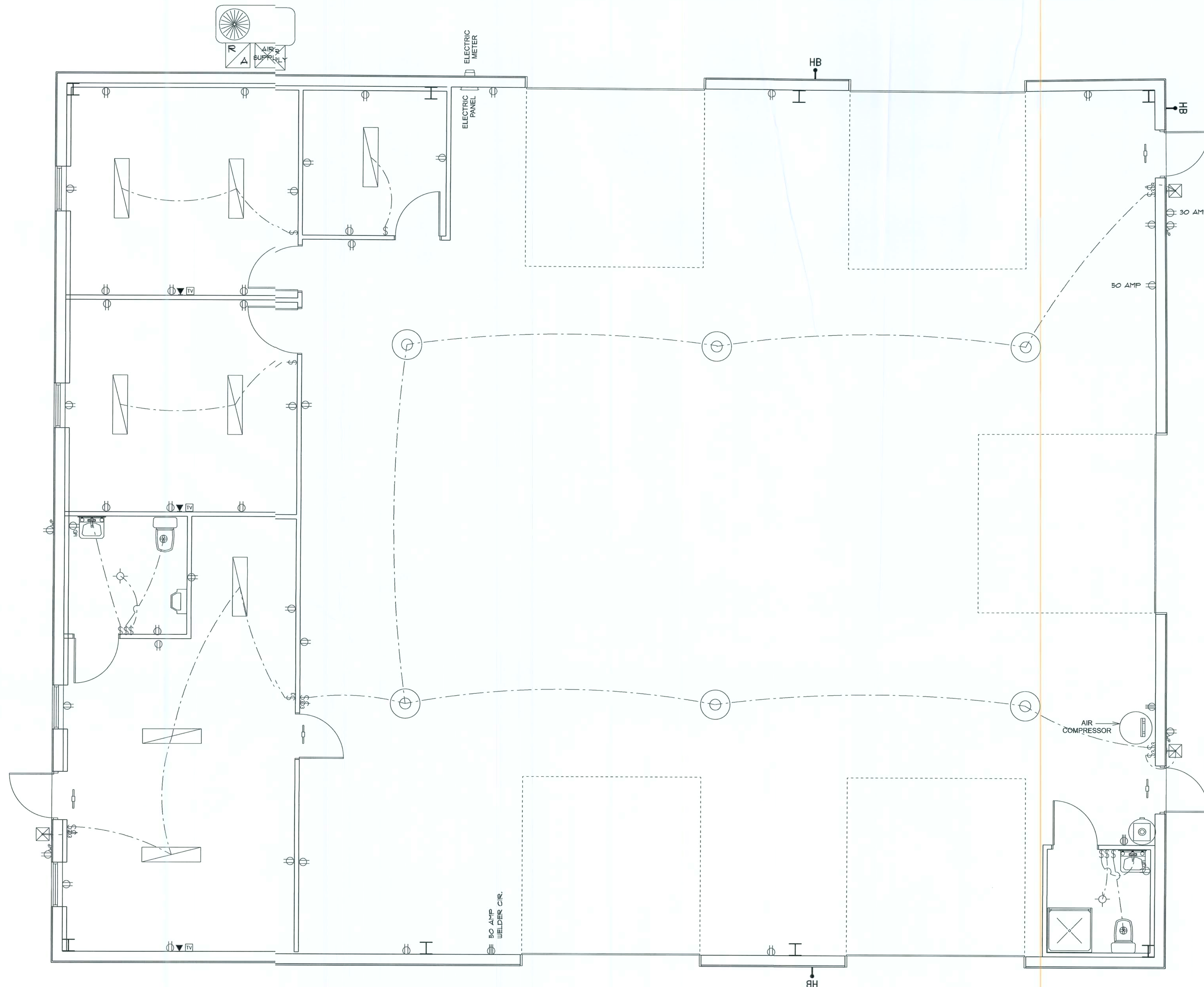
SERVICE SIZE W/ PARALLEL CONDUCTORS:
120/208V 3~ - 5W - 200 AMPERS SERVICE
3 #3/0 THW Cu - 1 #1/0 THW Neut Cu, 1 #4 Cu GND - 2 1/2" C.

Electrical Riser DIAGRAM: 200A

SCALE: NONE

PNL "A": 200A - MLO - 120/208V - 3~ - 5W 10K A.I.C. - FLUSH - 24 SLOT												
CIR. Nr.	LOCATION	TRIP/ POLES	WIRE SIZE	LOAD	~A KW	~B KW	~C KW	LOAD	WIRE SIZE	TRIP/ POLES	LOCATION	CIR. Nr.
1	HIGH BAY LED LTG	20A/1P	12TW	1.44	11.04			9.60	-	-	FUT. PNL	2
3	OFFICE LED LTG	"	"	0.54		10.14		9.60	-	-	"	4
5	GP RECEPT	"	"	0.12			10.2	9.60	-	-	"	6
7	GFI O/S RECEPT. RESTROOM Nr.1	"	"	0.12	1.44			0.12	10TW	30A/2P	AIR COMP.	8
9	RESTROOM Nr.2	"	"	0.54		1.26		0.12	"	"	"	10
11		"	"	0.54			1.2	0.12	12TW	20A/1P	GP RECEPT	12
13	GP RECEPT	"	"	0.12	1.44			0.12	"	"	"	14
15	"	"	"	0.12		2.91		2.25	10TW	30A/1P	EUH	16
17	"	"	"	0.12			2.5	2.25	"	"	"	18
19	SPARE	-	-	0.54	1.08			0.54	-	-	SPARE	20
21	CU	60A/2P	6TW	4.25		5.05		0.80	12TW	20A/2P	AHU	22
23	W. CIR Nr 21	-	-	4.25			5.5	0.80	"	"	W. CIR Nr.22	24
~A 15.00 KW / 120 V = 125.00 AMPERS					15.00	19.42	19.0					
~B 19.42 KW / 120 V = 161.8 AMPERS												
~C 19.60 KW / 120 V = 163.33 AMPERS												
FEEDER SIZE: 3 # 3/0 - THW - Cu, 1 # 1/0 - THW - Cu - Neut. 1 # 4 - Cu - GND, 2 1/2" C.												

ELECTRICAL LEGEND					
ELECTRICAL	COOUNT	SYMBOL	ELECTRICAL	COUNT	SYMBOL
LED CEILING MOUNT	8		OUTLET 220v	3	
HANGING HIGH BAY	6		OUTLET GFI	2	
EXTERIOR WALL SCONCE	3		OUTLET WP	4	
ELECTRIC PANEL	1		STANDARD LIGHT	2	
CABLE TV OUTLET	3		SWITCH	9	
EXHAUST FAN	2		SWITCH 3 WAY	9	
LAN CONNECTION	3		VANITY BAR LIGHT - SMALL	2	
OUTLET	38		LIGHTED EXIT SIGN - CEILING	4	



MIKE HALL
LAKE CITY, FLORIDA
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RIDGEPOINT DESIGN
RIDGEPOINTDESIGN@GMAIL.COM | 386-286-1886
JOINT VENTURED WITH
NICHOLAS PAUL GEISLER ARCHITECT
1785 NW Brown Rd.,
Lake City, FL 32025
(386) 286-4956
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17 Jan 2010
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