


EQUIPMENT CONNECTION SCHEDULE									
ITEM NUMBER	DESCRIPTION	QTY	VOLTS	PHASE	LOAD (KVA)	CKT BREAKER	CONNECTION TYPE	COND./WIRE	CIRCUIT
A	CRUSHER/DESTEMMER	1	240	1	1.5	20/2	PLUG-IN	2#12,#12(G),1/2"C	A-2,4
B	VERTICAL PRESS	1	240	1	1.0	20/2	PLUG-IN	2#12,#12(G),1/2"C	A-6,8
C	IMPELLER PUMP	1	240	1	3.9	40/2	DIRECT	2#8,#10(G),3/4"C	A-10,12
D	COMM. GLYCOL CHILLER	1	240	1	8.5	50/2	60/2/1	2#8,#10(G),3/4"C	A-14,16
E	U/C DISHWASHER	1	240	1	3.6	20/2	DIRECT	2#12,#12(G),1/2"C	A-18,20
F	REFRIGERATOR	1	120	1	0.4	20/1	PLUG-IN	2#12,#12(G),1/2"C	A-26
G	FROZ. BEVERAGE MACHINE	1	120	1	1.4	20/1	PLUG-IN	2#12,#12(G),1/2"C	A-28
H	POS	1	120	1	0.2	20/1	PLUG-IN	2#12,#12(G),1/2"C	A-30
J	REFRIGERATOR	1	120	1	0.4	20/1	PLUG-IN	2#12,#12(G),1/2"C	A-32
K	DUMBWAITER	1	240	1	1.8	20/2	30/2/1	2#12,#12(G),1/2"C	A-22,24
NOTES: 1. CONTRACTOR TO VERIFY CONNECTION TYPE WITH EQUIPMENT MANUFACTURER AND KITCHEN CONSULTANT PRIOR TO ROUGH-IN.									

MECHANICAL EQUIPMENT CONNECTION SCHEDULE										
UNIT	LOCATION	VOLTS	PHASE	HP	HEAT (KW)	CKT BREAKER	DISCONNECT	LOAD (KVA)	COND./WIRE	NOTE
FCU-1	AS SHOWN	240	1	-	10.0	60/2	60/2/1	12.0	2#6,#10(G),3/4"C	B-1,3 1,2
FCU-2	AS SHOWN	240	1	-	10.0	60/2	60/2/1	12.0	2#6,#10(G),3/4"C	B-5,7 1,2
FCU-3	AS SHOWN	240	1	-	10.0	60/2	60/2/1	12.0	2#6,#10(G),3/4"C	B-9,11 1,2
CU-1	AS SHOWN	240	1	-	-	40/2	60/2/3R/40A	5.1	2#8,#10(G),3/4"C	B-2,4 1,2
CU-2	AS SHOWN	240	1	-	-	40/2	60/2/3R/40A	5.1	2#8,#10(G),3/4"C	B-6,8 1,2
CU-3	AS SHOWN	240	1	-	-	40/2	60/2/3R/40A	5.1	2#8,#10(G),3/4"C	B-10,12 1,2
WH-1	AS SHOWN	240	1	-	6.0	35/2	60/2/1	6.0	2#10,#10(G),3/4"C	B-13,15 1,2
EF-1:3	AS SHOWN	120	1	-	-	20/1	MOTOR RATED SWITCH	0.01	2#12,#12(G),1/2"C	LTG. CKT. 1,2,3
NOTES: 1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT DESCRIBED. REFER TO PANELBOARD SCHEDULES FOR CIRCUIT CONNECTIONS. WHERE FUSIBLE DISCONNECT SWITCHES ARE SPECIFIED, PROVIDE FUSING PER EQUIPMENT MANUFACTURER RECOMMENDATIONS OR U.L. LISTING REQUIREMENTS. 2. COORDINATE DISCONNECT AND/OR STARTER REQUIREMENTS WITH MECHANICAL CONTRACTOR. 3. PROVIDE INDIVIDUAL OVERLOAD PROTECTION PER MANUFACTURERS RECOMMENDATION.										



COMcheck Software Version 4.1.5.4

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC  
Project Title:  
Project Type: New Construction  
Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Retail	4636	1.26	5841
		Total Allowed Watts =	5841

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Retail				
LED 1: B: Other:	1	3	30	90
LED 2: D: Other:	1	6	30	180
LED 3: E: Other:	1	17	20	340
LED 4: G: Other:	1	6	50	300
LED 5: H: Other:	1	2	50	100
Track lighting 1: Wattage based on current limiting device capacity	0	0	1080	1080
		Total Proposed Watts =	2090	

Interior Lighting PASSES: Design 64% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.4 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christian Aybar - Elec. Engineer  
Name - Title Signature Date 06-07-23

Project Title: E:\Mulberry Springs Winery\COMcheck.cck

Report date: 06/07/23  
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SCHEDULE OF PANEL A																					
MAIN BUSS		M.L.O.: 200A		M.B.: --		VOLTAGE & PHASE: 120/240V, 1ø, 3W								MIN. A.I.C.: 42,000				MOUNTING: SURFACE			
		LOAD (KVA)						LOAD (KVA)													
CKT	SERVES	LTS	REC	HTG	A/C	MTR	MISC	BKR	A	B	BKR	MISC	MTR	A/C	HTG	REC	LTS	SERVES	CKT		
1	STORAGE GEN REC.	—	0.72	—	—	—	—	20	●	●	20	1.5	—	—	—	—	—	[A] CRUSHER/DESTEMMER	2		
3	TASTING/RESTROOM REC.		1.3					20	●	●	2							↓	4		
5	CONF. RM. REC.		0.72					20	●	●	2	1.0						[B] VERTICAL PRESS	6		
7	TASTING RM. REC.		0.72					20	●	●	2							↓	8		
9	TASTING RM. REC.		1.3					20	●	●	40	3.9						[C] IMPELLER PUMP	10		
11	U/C BAR REC.		0.54					20	●	●	2							↓	12		
13	COUNTERTOP REC.		0.54					20	●	●	50	8.5						[D] COMM. GLYCOL CHILLER	14		
15	COUNTERTOP REC.		0.54					20	●	●	2							↓	16		
17	CELLAR TRACK LTG.	0.72						20	●	●	20	3.6						[E] U/C DISHWASHER	18		
19	CELLAR PENDANTS LTG.	0.4						20	●	●	2							↓	20		
21	TASTING RM. LTG.	0.8						20	●	●	20	1.8						[K] DUMBWAITER	22		
23	RESTROOM/CONF. RM. LTG.	0.3						20	●	●	2							↓	24		
25	EXTERIOR LTG.	0.5						20	●	●	20	0.8						[F] (2) REFRIGERATORS	26		
27	SPARE							20	●	●	20	1.4						[G] FROZ. BEVERAGE MACHINE	28		
29	SPARE							20	●	●	20	0.2						[H] POS	30		
31	SPARE							20	●	●	20	0.4						[J] REFRIGERATOR	32		
33	SPARE							20	●	●	20	1.0						CRUSH PAD REC.	34		
35	SPARE							20	●	●	2							↓	36		
37	SPARE							20	●	●	20					0.2		TBB	38		
39	SPARE							20	●	●	20							SPARE	40		
TOTALS		2.7	6.4	—	—	—	—					24.1	—	—	—	0.2	—		TOTALS		
* PROVIDE GFCI CIRCUIT BREAKER																		TOTAL CONNECTED: 33.4KVA TOTAL DEMAND: 34.1KVA (141.9AMPS)			

SCHEDULE OF PANEL B																					
MAIN BUSS		M.L.O.: 200A		M.B.:--		VOLTAGE & PHASE: 120/240V, 1ø, 3W								MIN. A.I.C.: 42,000				MOUNTING: SURFACE			
		LOAD (KVA)								LOAD (KVA)											
CKT	SERVES	LTS	REC	HTG	A/C	MTR	MISC	BKR	A	B	BKR	MISC	MTR	A/C	HTG	REC	LTS	SERVES	CKT		
1	FCU-1	-	-	10.0	-	2.0	-	60	●	●	40	-	0.3	4.8	-	-	-	CU-1	2		
3	↓							2	●	●	2							↓	4		
5	FCU-2			10.0		2.0		60	●	●	40	0.3	4.8					CU-2	6		
7	↓							2	●	●	2							↓	8		
9	FCU-3			10.0		2.0		60	●	●	40	0.3	4.8					CU-3	10		
11	↓							2	●	●	2							↓	12		
13	WH-1			6.0				35	●	●								SPACE	14		
15	↓							2	●	●								SPACE	16		
17	SPACE								●	●								SPACE	18		
19	SPACE									●								SPACE	20		
21	SPACE								●									SPACE	22		
23	SPACE									●								SPACE	24		
25	SPACE								●									SPACE	26		
27	SPACE									●	●							SPACE	28		
29	SPACE								●									SPACE	30		
31	SPACE									●								SPACE	32		
33	SPACE								●									SPACE	34		
35	SPACE									●	●							SPACE	36		
37	SPACE								●									SPACE	38		
39	SPACE									●								SPACE	40		
TOTALS		-	-	36.0	-	6.0	-					-	0.9	14.4	-	-	-		TOTALS		
												TOTAL CONNECTED: 57.3KVA TOTAL DEMAND: 42.0KVA (175.0AMPS)									

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RELEASES / DATES

100% Construction Documents	DATE: 6/07/23
DATE:	
DATE:	
DATE:	
DATE:	
DATE:	

Mulberry Springs Winery  
New Construction  
4527 JM Turk Road  
Flowery Branch, GA 30542  
(HALL COUNTY)

PROJECT CONTACT:  
MARK FAUL 678-472-6327

ISSUED FOR  
CONSTRUCTION

DRAWN BY: BGB  
REVIEWED BY: J. WREN



06/07/23

ELECTRICAL  
SCHEDULES

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DATE: 06/07/23 PROJECT NUMBER: ES:A2208  
DRAWING NUMBER

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