

SCHEDULE OF BRANCH CIRCUIT PANEL "SLA"

MAIN: 225 AMP MAIN LUGS ONLY
 SPEC: SQUARE D TYPE "NQOD" OR APPROVED EQUIVALENT
 MOUNTING: SURFACE

VOLTAGE: 208/120V, 3Ø, 4 WIRE

AIC SYMM: 22,000

DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
EXTERIOR LIGHTING ①	#12	#12	1/2"	20	1	1.2 1.2	---	---	2	20	3/4"	②	③	SITE LIGHTING ①
EXTERIOR LIGHTING ①	#12	#12	1/2"	20	3	---	1.2 1.2	---	4	2	---	---	---	---
EXTERIOR LIGHTING ①	#12	#12	1/2"	20	5	---	---	0.6 1.2	6	20	3/4"	②	②	SITE LIGHTING ①
EXTERIOR BOLLARD LIGHTING ①	#12	#12	1/2"	20	7	---	1.2	---	8	2	---	---	---	---
SPACE	---	---	---	---	9	---	---	1.2	10	20	3/4"	②	②	SITE LIGHTING ①
SPACE	---	---	---	---	11	---	---	---	12	2	---	---	---	---
SPACE	---	---	---	---	13	---	1.2	---	14	20	3/4"	②	②	FUTURE UPLIGHTING ①
SPACE	---	---	---	---	15	---	---	1.2	16	2	---	---	---	---
SPACE	---	---	---	---	17	---	---	---	18	20	3/4"	②	②	MONUMENT LIGHT ①
SPACE	---	---	---	---	19	---	---	---	20	---	---	---	---	SPACE
SPACE	---	---	---	---	21	---	---	---	22	---	---	---	---	SPACE
SPACE	---	---	---	---	23	---	---	---	24	---	---	---	---	SPACE
SPACE	---	---	---	---	25	---	---	---	26	---	---	---	---	SPACE
SPACE	---	---	---	---	27	---	---	---	28	---	---	---	---	SPACE
SPACE	---	---	---	---	29	---	---	---	30	---	---	---	---	SPACE
SPACE	---	---	---	---	31	---	---	---	32	---	---	---	---	SPACE
SPACE	---	---	---	---	33	---	---	---	34	---	---	---	---	SPACE
SPACE	---	---	---	---	35	---	---	---	36	---	---	---	---	SPACE
SPACE	---	---	---	---	37	---	---	---	38	---	---	---	---	SPACE
SPACE	---	---	---	---	39	---	---	---	40	---	---	---	---	SPACE
SPACE	---	---	---	---	41	---	---	---	42	---	---	---	---	SPACE

① CONTROL VIA RELAY PANEL.

② SIZE PER VOLTAGE DROP CHART.

4.8	4.8	4.2	KVA PER PHASE
40.0	40.0	35.0	AMPS PER PHASE
13.8			TOTAL KVA

SCHEDULE OF BRANCH CIRCUIT PANEL "L1A"

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AIC SYMM: 22,000

DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
BASEMENT LIGHTING ①	#12	#12	1/2"	20	1	1.7 1.7	---	---	2	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	3	---	1.7 1.7	---	4	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	5	---	---	1.2 1.7	6	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	7	1.0 1.7	---	---	8	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	9	---	1.3 1.7	---	10	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	11	---	---	0.8 1.7	12	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	13	0.9 1.7	---	---	14	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	15	---	1.7 1.2	---	16	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	17	---	---	0.9 1.6	18	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	19	1.1 1.6	---	---	20	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	21	---	1.0 1.6	---	22	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	23	---	---	1.0 1.6	24	20	1/2"	#12	#12	LIGHTING ①
LIGHTING ①	#12	#12	1/2"	20	25	1.0 --	---	---	26	20	1/2"	#12	#12	LIGHTING - STUDY ROOMS ①
LIGHTING ①	#12	#12	1/2"	20	27	---	1.1 --	---	28	20	---	---	---	SPACE
LIGHTING ①	#12	#12	1/2"	20	29	---	---	---	30	20	---	---	---	SPACE