

SAND CREEK
BUSINESS CENTER

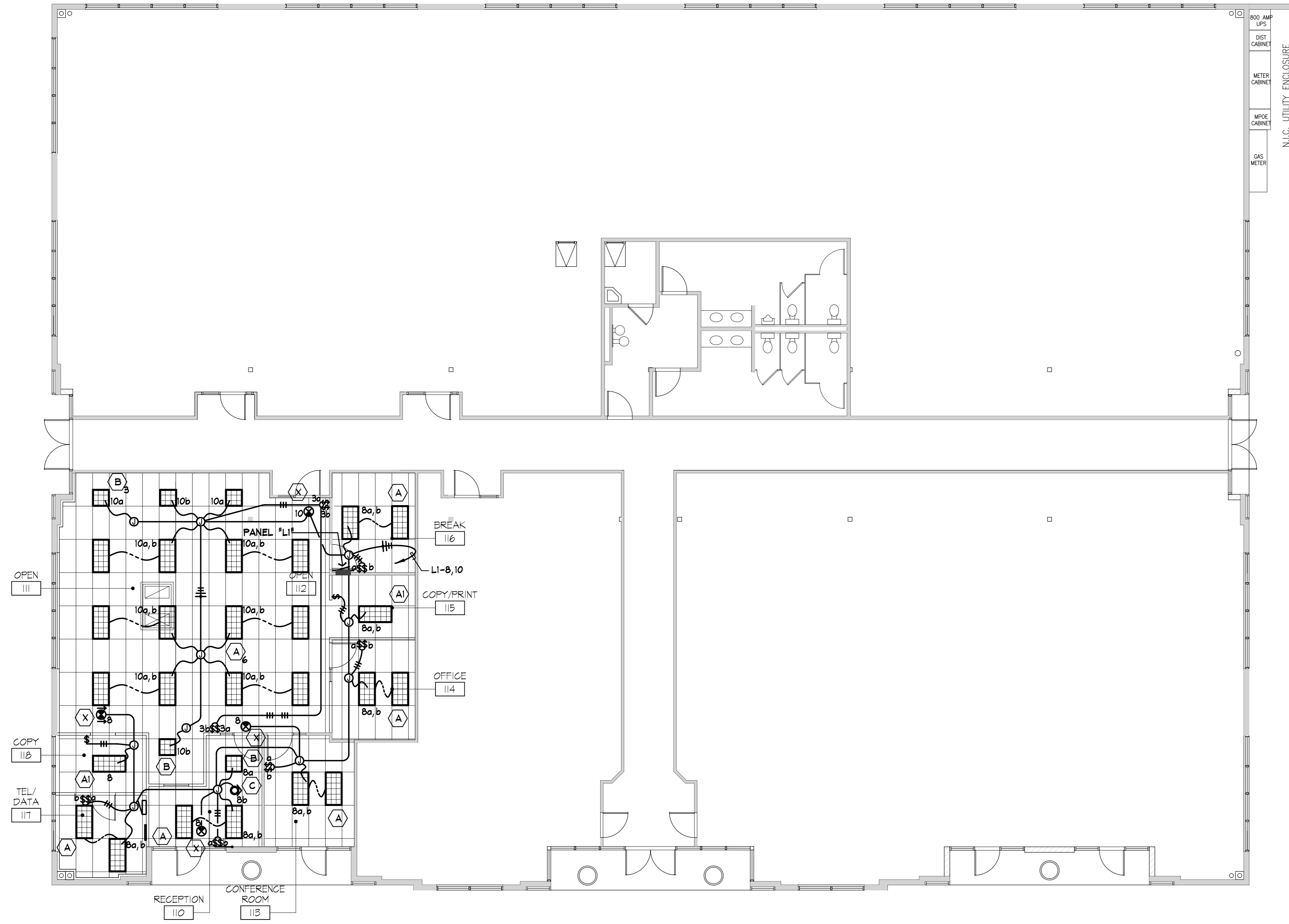
LIBERTY MUTUAL
201 SANDCREEK RD
BRENTWOOD,
CA. 94513

Rodda Electric
COMMERCIAL - INDUSTRIAL

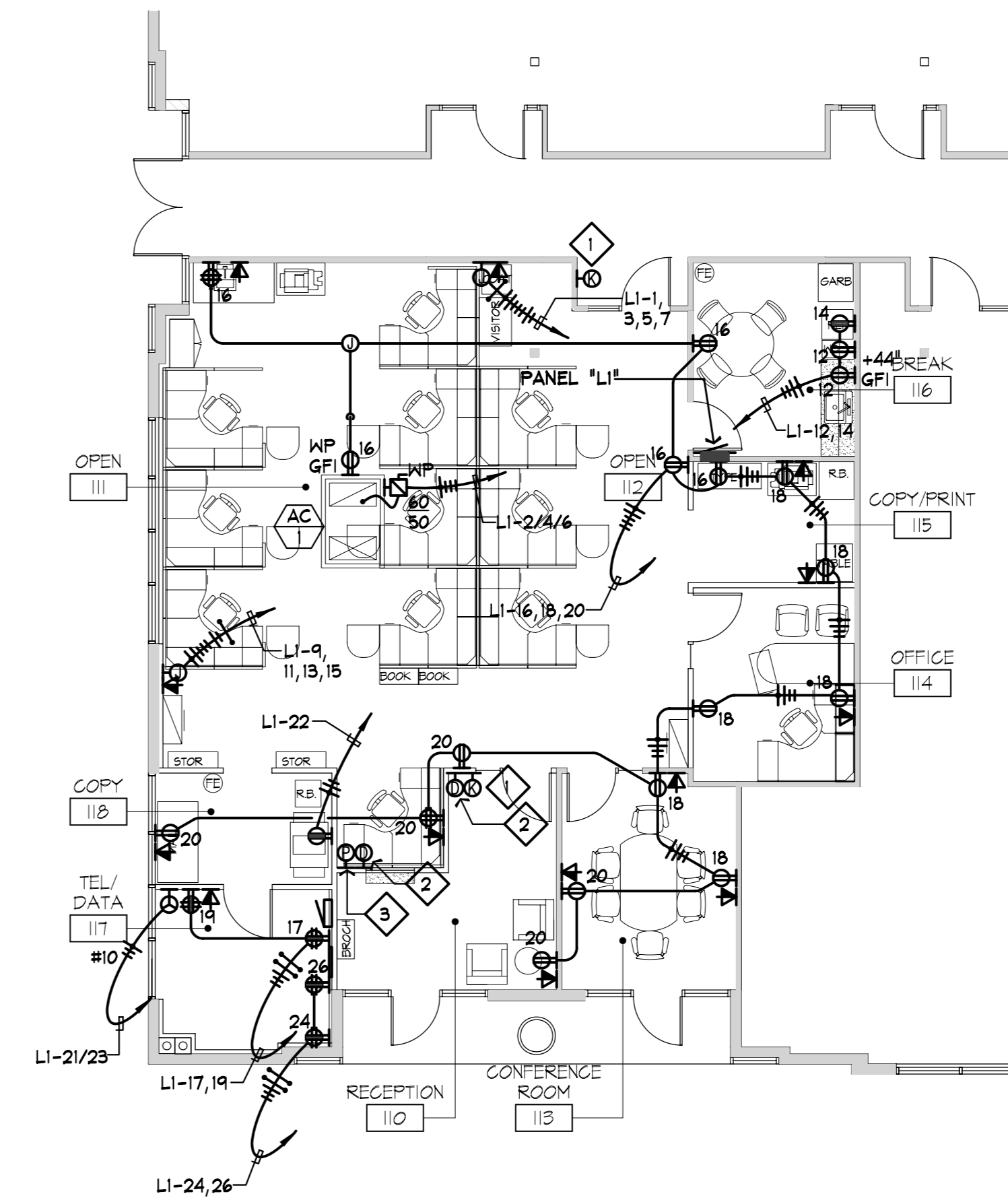
Lic# 754354
2420 Sand Creek Rd., C1-341
Brentwood, CA. 94513
(925) 240-6024

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REV.	BY	DESCRIPTION	DATE
-	REI	ISSUED FOR PERMIT	06.17.05



1 FIRST FLOOR LIGHTING PLAN
1/8"=1'-0"



2 FIRST FLOOR POWER PLAN
1/8"=1'-0"

LOCATION	BREAK	PANEL	"L1"				KVAR: 10						
		MLO	MCB	PH.BUS	100A	FLUSH	100A	SURFACE					
		120/208V, 3P, 4W THRU LUGS											
		NEMA 1											
		NEMA 3R											
		KVA											
		A	B	C	TRIP	CT	PHASE	CT	TRIP	A	B	C	DESCRIPTION
PARTITIONS	0.80				20/1	1	A	2	50				3.30
PARTITIONS		0.80			20/1	3	B	4					3.30
PARTITIONS			0.80		20/1	5	C	6	3				3.30
PARTITIONS	0.80				20/1	7	A	8	20/1	1.16			OFFICE LTG
PARTITIONS		0.80			20/1	9	B	10	20/1	1.28			OPEN OFFICE LTG
PARTITIONS			0.80		20/1	11	C	12	20/1	0.36			KITCHEN REC'S
PARTITIONS	0.80				20/1	13	A	14	20/1	0.90			REFRIGERATOR
PARTITIONS		0.00			20/1	15	B	16	20/1	0.90			OFFICE REC'S
DED LG. 4-PLEX RM 117		0.36			20/1	17	C	18	20/1	1.08			OFFICE REC'S
DED LG. 4-PLEX RM 117	0.36				20/1	19	A	20	20/1	1.08			OFFICE REC'S
LS30R RM 117		2.00			30	21	B	22	20/1	1.30			COPIER
SPACE			2.00		2	23	C	24	20/1	0.36			DED LG. 4-PLEX RM 117
SPACE					25	A	26	20/1	0.36				SPARE
SPACE					27	B	28	20/1					SPARE
SPACE					29	C	30	20/1					SPARE
SPACE					31	A	32						SPACE
SPACE					33	B	34						SPACE
SPACE					35	C	36						SPACE
SPACE					37	A	38						SPACE
SPACE					39	B	40						SPACE
SPACE					41	C	42						SPACE
SUBTOTAL	2.76	3.60	3.96		TOTAL LOAD=				31.1 KVA	6.80	6.78	5.10	SUBTOTAL
LARGEST PHASE X3	31.1								2.76	3.60	3.96	SUBTOTAL	
(E) LOAD	0.0				208	VOLTS=	86.5 AMP		9.56	10.38	9.06	TOTAL KVA	
RECEPTACLE	16.66 KVA												
100% OF FIRST TO KVA	10.00 KVA												
50% OF REMAINDER	3.33 KVA												
LIGHTS @ 125%	3.05 KVA												
MOTOR LOADS	12.38 KVA												
EQUIPMENT	0.00 KVA												
TOTAL	28.75 KVA												
@ 208 VOLT 3 PHASE = 79.9 AMPS													

SHEET NOTES:

- 1 PROVIDE AND INSTALL JUNCTION BOX AND RACEWAY UP TO CEILING SPACE FOR ENTRY KEY PAD. COORDINATE WITH SECURITY CONTRACTOR PRIOR TO ROUGH IN.
- 2 PROVIDE AND INSTALL JUNCTION BOX AND RACEWAY UP TO CEILING SPACE FOR DOOR BELL. COORDINATE WITH SECURITY CONTRACTOR PRIOR TO ROUGH IN.
- 3 PROVIDE AND INSTALL JUNCTION BOX AND RACEWAY UP TO CEILING SPACE FOR PANIC BUTTON. COORDINATE WITH SECURITY CONTRACTOR PRIOR TO ROUGH IN.

GENERAL NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS, EXACT LOCATIONS AND ANY ADDITIONAL INFORMATION PRIOR TO START OF WORK.

SHEET TITLE:
FIRST FLOOR
LIGHTING PLAN

DRAWN: BCE

CHECKED: REI

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

DATE: 06.09.05

JOB NO: 05-054

E-1.1