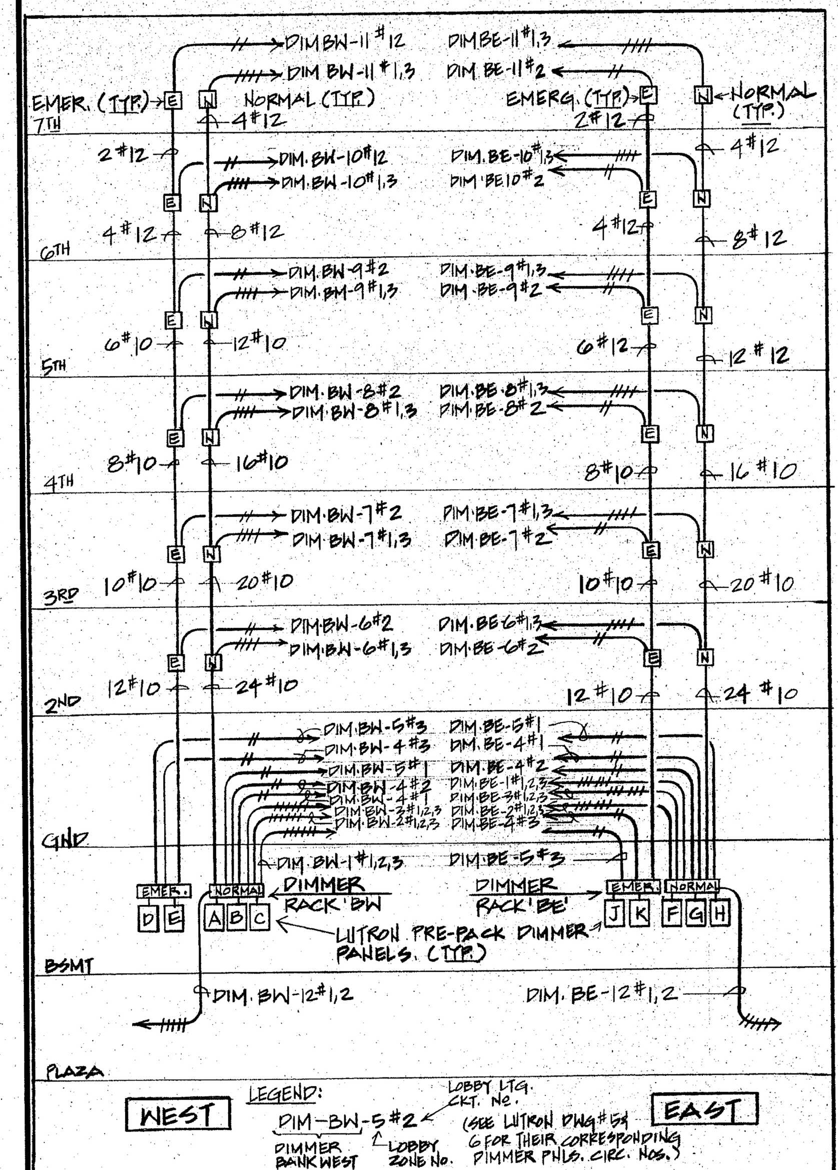

LOBBY-DIMMER SYSTEM-RISER DIAGRAM

NTS

LIGHTING PANEL SCHEDULES 277/480V-3Φ-4W

VOID

PANEL DESIGN	MAIN C/B / MAIN BUS	T/F MAIN SW/FU	SPACE FOR POLES	20A-1P #12 ACTIVE	SPARE	20A-2P #12 ACTIVE	SPARE	20A-3P #12 ACTIVE	SPARE	30A-3P #10 ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	REMARKS
ELP-GW	100AT / 225AF	—	30	14 CKT# 1-1	13					1 CKT# 26,28, 30	0							CKT #26 FOR FEED TO 15 KVA T/F FOR ELP-GW.
ELP-GE	100AT / 225AF	—	30	8 CKT# 1-8	10					1 CKT# 26,28, 30	0							CKT #26 FOR FEED TO 15 KVA T/F FOR ELP-GE.

LIGHTING PANEL SCHEDULES 277/480V-3Φ-4W

VOID

PANEL DESIGN	MAIN C/B / MAIN BUS	T/F MAIN C/B	SPACE FOR POLES	20A-1P #12 ACTIVE	SPARE	20A-2P #12 ACTIVE	SPARE	20A-3P #12 ACTIVE	SPARE	30A-3P #10 ACTIVE	SPARE	30A-2P #10 ACTIVE	SPARE	25A-3P #10 ACTIVE	SPARE	70A-3P #4 ACTIVE	SPARE	REMARKS
LP-BNW	NONE / 225A	—	30	8 CKT# 1-6,8,10	19											1 CKT# 26,28, 30	0	PROVIDE CKT #26 FOR 45 KVA TRANSF FEED FOR DISTR PNL SERVICE
LP-BSW	NONE / 225A	—	30	9 CKT# 1-7,9, 11	13			1 CKT #8	0							1 CKT #26	0	
LP-BNE	NONE / 225A	—	30	12 CKT# 1-12	15											1 CKT# 26,28, 30	0	
LP-BSE	NONE / 225A	—	30	10 CKT# 1-8,10-12	17											1 CKT# 26,28, 30	0	
LP-GW	NONE / 225A	—	30	3 CKT# 1-2,4,6	21											1 CKT# 26,28, 30	0	CKT# 8, 3P, 40A C/B
LP-GE	NONE / 225A	—	30	3 CKT# 1,2,22	3			4 CKTS# 3,5,7,4, 6,8,10,12,14,11, 13,15	0					3 CKTS# 16,18,20, 17,19,21,23,25, 27	0	1 CKT# 26,28, 30	0	
LP-GN	NONE / 225A	—	30	12 CKT# 1-8,10,12,14, 11	15											1 CKT# 26,28, 30	0	
LP-GS	NONE / 225A	—	30	15 CKT# 1-15	12											1 CKT# 26,28, 30	0	
LP-2NW	NONE / 225A	—	30	13 CKT# 1-12,14	12											1 CKT# 26,28, 30	0	
LP-2SW	NONE / 225A	—	30	12 CKT# 1-12	10									1 CKT# 25,27, 29	0	1 CKT# 26,28, 30	0	
LP-2NE	NONE / 225A	—	30	13 CKT# 1-12,14	13											1 CKT# 26,28, 30	0	CKT# 29, 1P 40A C/B
LP-2SE	NONE / 225	—	30	12 CKT# 1-11,13	15											1 CKT# 26,28, 30	0	
LP-3NW	NONE / 225A	—	30	13 CKT# 1-12,14	11			1 CKT# 20,22, 24	0							1 CKT# 26,28, 30	0	
LP-3SW	NONE / 225A	—	30	13 CKT# 1-12, 14	11									1 CKT# 25,27, 29	0	1 CKT# 26,28, 30	0	
LP-3NE	NONE / 225A	—	30	13 CKT# 1-12,14	14											1 CKT# 26,28, 30	0	
LP-3SE	NONE / 225A	—	30	9 CKT# 1-6,8, 10,13	18											1 CKT# 26,28, 30	0	
LP-4NW	NONE / 225A	—	30	14 CKT# 1-12,14,20	13											1 CKT# 26,28, 30	0	
LP-4SW	NONE / 225A	—	30	13 CKT# 1-12, 14	[illegible]									1 CKT# 25,27, 29	0	1 CKT# 26,28, 30	0	
LP-4NE	NONE / 225A	—	30	13 CKT# 1-12,14	[illegible]											1 CKT# 26,28, 30	0	
LP-4SE	NONE / 225A	—	30	9 CKT# 1-6,8, 10,13	18											1 CKT# 26,28 30	0	
LP-5NW	NONE / 225A	—	30	13 CKT# 1-12,14	11			1 CKT#20,22, 24	0							1 CKT# 26,28, 30	0	
LP-5SW	NONE / 225A	—	30	13 CKT# 1-12, 14	11									1 CKT# 25,27, 29	0	1 CKT# 26,28, 30	0	
LP-5NE	NONE / 225A	—	30	13 CKT# 1-12,14	14											1 CKT# 26,28, 30	0	
LP-5SE	NONE / 225A	—	30	9 CKT# 1-6,8, 10,13	18											1 CKT# 26,28 30	0	
LP-6NW	NONE / 225A	—	30	14 CKT# 1-12,14,20	13											1 CKT# 26,28, 30	0	
LP-6SW	NONE / 225A	—	30	13 CKT# 1-12, 14	11									1 CKT# 25,27, 29	0	1 CKT# 26,28, 30	0	
LP-6NE	NONE / 225A	—	30	13 CKT# 1-12,14	14											1 CKT# 26,28, 30	0	
LP-6SE	NONE	—	30	9 CKT# 1-6,8, 10,13	18											1 CKT# 26,28, 30	0	
LP-7NW	NONE / 225A	—	30	13 CKT# 1-12,14	10			1 CKT# 25,27, 29	0	0 CKT# 13,15, 17	1					1 CKT# 26,28, 30	0	
LP-7SW	NONE / 225A	—	30	3 CKT# 1-12.	11					0 CKT# 13,15, 17	1					1 CKT# 26,28, 30	0	
LP-7NE	NONE / 225A	—	30	13 CKT# 1-12,14	8					0 CKT# 13,15, 16,18,17,20	2					1 CKT# 26,28, 30	0	
LP-7SE	NONE / 225A	—	30	8 CKT# 1-6,8, 10	16					0 CKT# 13,15 17	1					1 CKT# 26,28 30	0	
LP-0L 1&2	NONE / 225A (2 SECTIONS)	—	24	16 CKT# 1-7,9,11, 13-18,20	6							1 CKT #10,12 VIA 5 KVA T/F						PROVIDE SPLIT BUS SECTION TO BE CONT'L'D BY ASCO CONTACTORS SEE NOTES ON DWG E-1

SCHEDULE OF INTERIOR LIGHTING CONTROL RELAYS

RELAY DESIGN.	ASSOC. PANEL	POLES ACT.	POLES SP.	TYPE	NIGHT SETBACK	CLEANING LIGHTS	LOAD SHED SEE NOTE#	CIRCUITS CTLD.
LCR-BNW-A	LP-BNW	4	4	ZENITH #M46-80	●	●		LP-BNW*1,2,5,12
LCR-BNW-B	LP-BNW	2	6		●		●	LP-BNW*3,4
LCR-BSW-A	LP-BSW	2	6		●	●		LP-BSW*1,5
LCR-BSW-B	LP-BSW	2	6		●		●	LP-BSW*3,9
LCR-BNE-A	LP-BNE	7	5		●	●		LP-BNE*1,2,5,6,7,8,12
LCR-BNE-B	LP-BNE	4	4		●		●	LP-BNE*3,4,10,11
LCR-BSE-A	LP-BSE	6	2		●	●		LP-BSE*1,2,5,6,8,12
LCR-BSE-B	LP-BSE	3	5		●		●	LP-BSE*3,4,10
LCR-GN-A	LP-GN	6	3		●	●		LP-GN*1,5,6,10,12
LCR-GN-B	LP-GN	5	3		●		●	LP-GN*3,7,8,11,14
LCR-GS-A	LP-GS	5	3		●	●		LP-GS*1,2,5,6,12
LCR-GS-B	LP-GS	8	4		●		●	LP-GS*3,4,7,8,10,11,13,14
LCR-2NW-A	LP-2NW	7	5		●	●		LP-2NW*1,4,5,6,8,9,12
LCR-2NW-B	LP-2NW	5	3		●		●	LP-2NW*2,3,10,11,14
LCR-2SW-A	LP-2SW	7	1		●	●		LP-2SW*1,4,5,6,9,11,12
LCR-2SW-B	LP-2SW	6	2		●		●	LP-2SW*2,3,10,9,11,12
LCR-2NE-A	LP-2NE	7	5		●	●		LP-2NE*1,2,5,6,9,10,12
LCR-2NE-B	LP-2NE	6	2		●		●	LP-2NE*3,4,7,8,11,14
LCR-2SE-A	LP-2SE	8	0		●	●		LP-2SE*1,2,5,6,7,8,10,11
LCR-2SE-B	LP-2SE	6	2		●		●	LP-2SE*3,4,8,9,10,13
LCR-3NW-A	LP-3NW	7	1		●	●		LP-3NW*1,2,5,6,8,9,12
LCR-3NW-B	LP-3NW	5	3		●		●	LP-3NW*3,4,10,11,14
LCR-3SW-A	LP-3SW	8	0		●	●		LP-3SW*1,2,5,6,9,10,11,14
LCR-3SW-B	LP-3SW	6	2		●		●	LP-3SW*3,4,7,9,11,12
LCR-3NE-A	LP-3NE	7	1		●	●		LP-3NE*1,2,5,6,9,10,12
LCR-3NE-B	LP-3NE	5	3		●		●	LP-3NE*3,4,8,11,14
LCR-3SE-A	LP-3SE	6	2		●	●		LP-3SE*1,2,5,6,8,10
LCR-3SE-B	LP-3SE	5	3		●		●	LP-3SE*3,4,13,8,10
LCR-4NW-A	LP-4NW	7	1		●	●		LP-4NW*1,2,5,6,8,9,12
LCR-4NW-B	LP-4NW	6	3		●		●	LP-4NW*3,4,10,11,14
LCR-4SW-A	LP-4SW	8	0		●	●		LP-4SW*1,2,5,6,9,10,11,14
LCR-4SW-B	LP-4SW	6	2		●		●	LP-4SW*3,4,7,9,11,12
LCR-4NE-A	LP-4NE	7	1		●	●		LP-4NE*1,2,5,6,9,10,12
LCR-4NE-B	LP-4NE	5	3		●		●	LP-4NE*3,4,8,11,14
LCR-4SE-A	LP-4SE	6	2		●	●		LP-4SE*1,2,5,6,8,10
LCR-4SE-B	LP-4SE	5	3		●		●	LP-4SE*3,4,13,8,10
LCR-5NW-A	LP-5NW	7	1		●	●		LP-5NW*1,2,5,6,8,9,12
LCR-5NW-B	LP-5NW	5	3		●		●	LP-5NW*3,4,10,11,14
LCR-5SW-A	LP-5SW	8	0		●	●		LP-5SW*1,2,5,6,9,10,11,14
LCR-5SW-B	LP-5SW	6	2		●		●	LP-5SW*3,4,7,9,11,12
LCR-5NE-A	LP-5NE	7	1		●	●		LP-5NE*1,2,5,6,9,10,12
LCR-5NE-B	LP-5NE	6	3		●		●	LP-5NE*3,4,8,11,14
LCR-5SE-A	LP-5SE	6	2		●	●		LP-5SE*1,2,5,6,8,10
LCR-5SE-B	LP-5SE	5	3		●		●	LP-5SE*3,4,13,8,10
LCR-6NW-A	LP-6NW	7	1		●	●		LP-6NW*1,2,5,6,8,9,12
LCR-6NW-B	LP-6NW	5	3		●		●	LP-6NW*3,4,10,11,14
LCR-6SW-A	LP-6SW	8	0		●	●		LP-6SW*1,2,5,6,9,10,11,14
LCR-6SW-B	LP-6SW	6	2		●		●	LP-6SW*3,4,7,9,11,12
LCR-6NE-A	LP-6NE	7	1		●	●		LP-6NE*1,2,5,6,9,10,12
LCR-6NE-B	LP-6NE	5	3		●		●	LP-6NE*3,4,8,11,14
LCR-6SE-A	LP-6SE	6	2		●	●		LP-6SE*1,2,5,6,8,10
LCR-6SE-B	LP-6SE	5	3		●		●	LP-6SE*3,4,13,8,10
LCR-7NW-A	LP-7NW	7	1		●	●		LP-7NW*1,2,5,6,8,9,12
LCR-7NW-B	LP-7NW	5	3		●		●	LP-7NW*3,4,10,11,14
LCR-7SW-A	LP-7SW	8	0		●	●		LP-7SW*1,2,5,6,9,10,11,14
LCR-7SW-B	LP-7SW	6	2		●		●	LP-7SW*3,4,7,9,11,12
LCR-7NE-A	LP-7NE	7	1		●	●		LP-7NE*1,2,5,6,9,10,12
LCR-7NE-B	LP-7NE	5	3		●		●	LP-7NE*3,4,8,11,14
LCR-7SE-A	LP-7SE	6	2		●	●		LP-7SE*1,2,5,6,8,10
LCR-7SE-B	LP-7SE	4	4		●		●	LP-7SE*3,4,8,10

NOTE: ALL LIGHTING CONTACTOR RELAYS A&B ARE FURNISHED W/ 120V-3P AUXILIARY CONTROL SWITCHING RELAYS INSIDE ENCLOSURE (ALL SWITCHED FROM SECURITY LIGHTING CONSOLE IN GRND FL.)

NOTES

SEE DWG. E-27 FOR DETAILS OF LTG. CONTROL RELAY DETAIL. CONTROL DETAIL INDICATES TYPICAL FLOOR CONTROL AND SHALL BE MODIFIED TO PERFORM FUNCTIONS LISTED FOR RELAY IN OTHER AREAS. PROVIDE A 120-20 AMP. SOURCE FOR RELAY CONTROL POWER. WHERE MORE THAN ONE RELAY IS LOCATED WITHIN AN ELECTRIC CLOSET THE POWER SOURCE MAY BE SHARED BETWEEN RELAYS.

Norwalk Building 43

Norwalk, California

Skidmore, Owings & Merrill
Architects/Engineers
One Maritime Plaza
San Francisco, California

Jaros, Baum & Bolles
Consulting Engineers
345 Park Avenue
New York, New York

Approved for the Owner by

Approved for the Architect by

Drawn by | Job Number

Checked by | Date

Revisions

No.	Revisions Indicated thus △:	Date
	ISSUED FOR BID	12-15-81
1	ADDENDUM NO 20	2-4-82
2	ADDENDUM NO 37 ISSUED FOR BUILDING PERMIT	4-30-82
3	ADDENDUM #65	8-5-82
4	ADDENDUM #78	10-1-82
5	ADDENDUM #90	11-10-82
6	ADDENDUM #99	1-18-83
7	ADDENDUM #100	1-19-83
8	ADDENDUM #103	2-4-83
9	ADDENDUM #132	6-21-83
	AS BUILT 1-5-84	

NO.	DATE	REVISIONS	DRN	CHK	PROJ ENG
△	2/14/84	KW AS BUILT UPDATE	TU	HM	LD

BECHTEL LOS ANGELES JOB NO. 648-0080

EE 8748

KEY PLAN

N

LIGHTING PANEL SCHEDULE

E·28

2-15-84