



KRUGER BENSEN ZIEMER
ARCHITECTS, INC. AIA
30 W. ARRELLAGA SANTA BARBARA, CA
805/963-1728 83101

STEVE DOWTY, A.I.A.
PRINCIPAL IN CHARGE

GERALD SHUSTA
PROJECT ARCHITECT

All items, dates, quantities and prices indicated or suggested by this drawing are based on the current schedule of prices published by the contractor. The contractor shall be responsible for obtaining current prices and for any changes in prices, quantities and specifications. The contractor shall be responsible for obtaining current prices and for any changes in prices, quantities and specifications. The contractor shall be responsible for obtaining current prices and for any changes in prices, quantities and specifications.

DALAN ENGINEERING, INC.
ELECTRICAL ENGINEERS
DALAN JOB No AA181
8638 DARBY AVENUE (714) 771-4221
NORTHBRIDGE, CA 91325 (805) 684-4844
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CENTER FOR ADVANCED LEARNING TECHNOLOGY
SKYLINE COLLEGE
 SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT
 SAN BRUNO, CALIFORNIA 94066
 3300 COLLEGE DRIVE

△	BID SET REVISIONS	10/25/01
	DSA SUBMITTAL	06/15/01
NO.	DESCRIPTION	DATE BY
REVISION		

DRAWN	OC
CHECKED	DK
DATE	03/21/01
JOB NO.	98-03
SHEET TITLE	
PANEL SCHEDULES	
SHEET	
E-5.1	

EXISTING		PANEL "CR1B1"		(CORRIDOR "E" @ 1st. FLOOR)							
CR	BRKR	OUTLETS	DESCRIPTION	WATTS							
NO.	P.	BRK.	LTS	W/LT	REC.	MISC.	L1	L2	L3	L4	
1	1	20					600				
2	1	20									
3	1	20									
4	1	20									
5	1	20									
6	1	20	4				720	720			
7	1	20	2				720				
8	1	20	4				720				
9	1	20	2				720				
10	1	20	4				720				
11	1	20	2				720				
12	1	20	4				720				
13	1	20	2				720				
14	1	20	4				720				
15	1	20	2				720				
16	1	20	4				720				
17	1	20	2				720				
18	1	20	4				720				
19	1	20	2				720				
20	1	20	3				540				
21	1	20	2				720				
22	1	20	2				360				
23	1	20	2				720				
24	1	20	2				720				
25	1	20	2				720				
26	1	20	2				720				
27	1	20	2				720				
28	1	20	2				720				
29	1	20	2				720				
30	1	20	2				720				
31	1	20	2				720				
32	1	20	1				720				
33	1	20	2				720				
34	1	20	1				200				
35	1	20	2				720				
36	1	20	2				720				
37	1	20	4				720				
38	1	20	3				540				
39	1	20	3				200				
40	1	20	3				540				
41	1	20									
42	1	20									
				Total Watts	23830			8340	7060	8430	
				Total Watts with 25% for LCC	66.1						
				Amps 120/208V 3 phase 4 wire							
MAIN 225A C/B				MOUNT RECESSED							225A BUS.

- 1 MARK AS "SPARES" IF THESE CIRCUITS DO NOT SERVE ANY EXISTING LOADS TO REMAIN.
- 2 CIRCUITS INDICATED ARE NEW LOADS, REMOVE EXISTING CONDUITS AND CONDUCTORS FROM EXISTING CIRCUITS REMOVED DURING DEMOLITION WORK. REPLACE WITH NEW CIRCUITS AS SHOWN. INSTALL NEW BRANCH CIRCUITS AS INDICATED ON FLOOR PLANS. EXISTING CONDUIT STUB OUTS OUT OF ELECTRICAL ROOM MAY BE REUSED IF IN GOOD CONDITION. ALL EXISTING 20A, SINGLE POLE CIRCUIT BREAKERS SHALL BE REPLACED WITH NEW CIRCUIT BREAKERS.

EXISTING		PANEL "CRIC"		(ELEC. ROOM 2108H @ 1st. FLOOR)							
CR	BRKR	OUTLETS	DESCRIPTION	WATTS							
NO.	P.	BRK.	LTS	W/LT	REC.	MISC.	L1	L2	L3	L4	
1	1	20									
2	1	20	1				400				
3	1	20	3				540				
4	1	20	4				720				
5	1	20	2				360				
6	1	20	4				720				
7	1	20	4				720				
8	1	20	6				1080				
9	1	20	11				1080				
10	1	20	6				540				
11	1	20	6				1080				
12	1	20	6				600				
13	1	20									
14	1	20									
15	1	20	1				720				
16	1	20	1				720				
17	1	20	1				720				
18	1	20	1				720				
19	1	20	1				720				
20	1	20	1				720				
21	1	20	1				720				
22	1	20	1				720				
23	1	20	1				720				
24	1	20	1				720				
25	1	20	1				720				
26	1	20	1				720				
27	1	20	1				600				
28	1	20	1				300				
29	1	20	1				600				
30	1	20	6				900				
31	1	20	1				900				
32	1	20	1				600				
33	1	20	6				900				
34	1	20	1				900				
35	1	20	1				600				
36	1	20									
37	3	50					3000				
38	1	20									
39	1	20					3000				
40	1	20									
41	1	20					3000				
42	1	20									
				Total Watts	7120			9880	7920		
				Total Watts with 25% for LCC	69.2						
				Amps 120/208V 3 phase 4 wire							
MAIN 225A C/B				MOUNT SURFACE							225A BUS.

- 1 CIRCUITS INDICATED ARE NEW LOADS, REMOVE EXISTING CONDUITS AND CONDUCTORS FROM EXISTING CIRCUITS REMOVED DURING DEMOLITION WORK. REPLACE WITH NEW CIRCUITS AS SHOWN. INSTALL NEW BRANCH CIRCUITS AS INDICATED ON FLOOR PLANS. EXISTING CONDUIT STUB OUTS OUT OF ELECTRICAL ROOM MAY BE REUSED IF IN GOOD CONDITION. ALL EXISTING 20A, SINGLE POLE CIRCUIT BREAKERS SHALL BE REPLACED WITH NEW CIRCUIT BREAKERS.

EXISTING		PANEL "CLIB"		(ELEC. ROOM 2108H @ 1st. FLOOR)							
CR	BRKR	OUTLETS	DESCRIPTION	WATTS							
NO.	P.	BRK.	LTS	W/LT	REC.	MISC.	L1	L2	L3	L4	
1	1	20									
2	1	20	30				1498				
3	1	20	34				3264				
4	1	20	28				1984			3232	
5	1	20	22								
6	1	20	14				960				
7	1	20	18							1728	
8	1	20									
9	1	20									
10	1	20									
11	1	20									
12	1	20									
13	1	20									
14	1	20									
15	1	20									
16	1	20									
17	1	20									
18	1	20									
19	1	20									
20	3	50					6916				
21	1	20									
22	1	20									
23	1	20									
24	1	20									
25	1	20									
26	1	20									
27	1	20									
28	1	20									
29	1	20									
30	1	20									
31	1	20									
32	1	20									
33	1	20									
34	1	20									
35	1	20									
36	1	20									
37	1	20									
38	1	20									
39	1	20									
40	1	20									
41	1	20									
42	1	20									
				Total Watts	10398			11140	11876		
				Total Watts with 25% for LCC	50.3						
				Amps 277/480V 3 phase 4 wire							
MAIN 100A C/B				MOUNT SURFACE							100A BUS.

- 1 CIRCUITS INDICATED ARE NEW LOADS, REMOVE EXISTING CONDUITS AND CONDUCTORS FROM EXISTING CIRCUITS REMOVED DURING DEMOLITION WORK. REPLACE WITH NEW CIRCUITS AS SHOWN. INSTALL NEW BRANCH CIRCUITS AS INDICATED ON FLOOR PLANS. EXISTING CONDUIT STUB OUTS OUT OF ELECTRICAL ROOM MAY BE REUSED IF IN GOOD CONDITION. ALL EXISTING 20A, SINGLE POLE CIRCUIT BREAKERS SHALL BE REPLACED WITH NEW CIRCUIT BREAKERS.

EXISTING		PANEL "CR1B2"		(COMPUTER LAB #2111)						
CR	BRKR	OUTLETS	DESCRIPTION	WATTS						
NO.	P.	BRK.	LTS	W/LT	REC.	MISC.	L1	L2	L3	L4
1	1	20	4				720			
2	1	20	4				720			
3	1	20	4				720			
4	1	20	4				720			
5	1	20	4				720			
6	1	20	4				720			
7	1	20	4				720			
8	1	20	4				720			
9	1	20	4				720			
10	1	20	4				720			
11	1	20	1				800			
12	1	20	1				800			
13	1	20	1				500			
14	1	20	5				900			
15	1	20	5				900			
16	1	20	5				900			
17	1	20	3				540			
18	1	20								
19	1	20								
20	1	20								
21	2	30					1560			
22	1	20					1560			
23	1	20								
24	1	20								
25	1	20								
26										