



FLOOR PLAN
SCALE 1/8" = 1'-0"

PANEL - "D"

CIRC. OUTLETS NO.	WATTS	WIRE SIZE	WIRE TYPE
1	1000	1000	12 3 15
2	400	400	12 3 15
3	400	400	12 3 15
4	400	400	12 3 15
5	600	600	12 3 15
6	600	600	12 3 15
7	600	600	12 3 15
8	600	600	12 3 15
9	600	600	12 3 15
10	600	600	12 3 15
11	600	600	12 3 15
12	600	600	12 3 15
13	600	600	12 3 15
14	600	600	12 3 15
15	600	600	12 3 15
16	600	600	12 3 15
17	600	600	12 3 15
18	600	600	12 3 15
19	600	600	12 3 15
20	600	600	12 3 15
21	600	600	12 3 15
22	600	600	12 3 15
23	600	600	12 3 15
24	600	600	12 3 15
25	600	600	12 3 15
26	600	600	12 3 15
27	600	600	12 3 15
28	600	600	12 3 15
29	600	600	12 3 15
30	600	600	12 3 15
31	600	600	12 3 15
32	600	600	12 3 15
33	600	600	12 3 15
34	600	600	12 3 15
35	600	600	12 3 15
36	600	600	12 3 15
TOTALS	10200	10200	12 3 15

PANEL - "E"

CIRC. OUTLETS NO.	WATTS	WIRE SIZE	WIRE TYPE
1	1500	1500	12 1 15
2	1500	1500	12 1 15
3	1500	1500	12 1 15
4	1500	1500	12 1 15
5	1500	1500	12 1 15
6	1500	1500	12 1 15
7	1500	1500	12 1 15
8	1500	1500	12 1 15
9	1500	1500	12 1 15
10	1500	1500	12 1 15
11	1500	1500	12 1 15
12	1500	1500	12 1 15
13	1500	1500	12 1 15
14	1500	1500	12 1 15
15	1500	1500	12 1 15
16	1500	1500	12 1 15
17	1500	1500	12 1 15
18	1500	1500	12 1 15
19	1500	1500	12 1 15
20	1500	1500	12 1 15
21	1500	1500	12 1 15
22	1500	1500	12 1 15
23	1500	1500	12 1 15
24	1500	1500	12 1 15
25	1500	1500	12 1 15
TOTALS	10200	10200	12 1 15

PANEL - "F"

CIRC. OUTLETS NO.	WATTS	WIRE SIZE	WIRE TYPE
1	1500	1500	12 1 15
2	1500	1500	12 1 15
3	1500	1500	12 1 15
4	1500	1500	12 1 15
5	1500	1500	12 1 15
6	1500	1500	12 1 15
7	1500	1500	12 1 15
8	1500	1500	12 1 15
9	1500	1500	12 1 15
10	1500	1500	12 1 15
11	1500	1500	12 1 15
12	1500	1500	12 1 15
13	1500	1500	12 1 15
14	1500	1500	12 1 15
15	1500	1500	12 1 15
16	1500	1500	12 1 15
17	1500	1500	12 1 15
18	1500	1500	12 1 15
19	1500	1500	12 1 15
20	1500	1500	12 1 15
21	1500	1500	12 1 15
22	1500	1500	12 1 15
23	1500	1500	12 1 15
24	1500	1500	12 1 15
25	1500	1500	12 1 15
TOTALS	10200	10200	12 1 15

PANEL - "G"

CIRC. OUTLETS NO.	WATTS	WIRE SIZE	WIRE TYPE
1	1500	1500	12 1 15
2	1500	1500	12 1 15
3	1500	1500	12 1 15
4	1500	1500	12 1 15
5	1500	1500	12 1 15
6	1500	1500	12 1 15
7	1500	1500	12 1 15
8	1500	1500	12 1 15
9	1500	1500	12 1 15
10	1500	1500	12 1 15
11	1500	1500	12 1 15
12	1500	1500	12 1 15
13	1500	1500	12 1 15
14	1500	1500	12 1 15
15	1500	1500	12 1 15
16	1500	1500	12 1 15
17	1500	1500	12 1 15
18	1500	1500	12 1 15
19	1500	1500	12 1 15
20	1500	1500	12 1 15
21	1500	1500	12 1 15
22	1500	1500	12 1 15
23	1500	1500	12 1 15
24	1500	1500	12 1 15
25	1500	1500	12 1 15
TOTALS	10200	10200	12 1 15

AMPS = 62,000/173,208 = 1172
BREAKER - 225A.F.R., 3P, NON-AUTOMATIC
FEEDER - 4" x 1/2" IN 3" C.

AMPS = 31,000/173,208 = 586
MAIN LUGS ONLY
FEEDER - 4" x 1/2" IN 2" C.

AMPS = 53,900/173,208 = 124
BREAKER - 225A.F.R., 3P, NON-AUTOMATIC.
FEEDER - 4" x 3/8" IN 2 1/2" C.

AMPS = 28,800/173,208 = 80
BREAKER - 100A.F.R., 3P, NON-AUTOMATIC
FEEDER - 4" x 3/8" IN 2 1/2" C.

531
19-11-54
299
H. K. Campbell

DIVISION OF ARCHITECTURE

BOARD OF EDUCATION
PRES.
SEC.

ELECTRICAL PLANS
ADMINISTRATION UNIT
CLASSROOMS
WILLIAM PENN SCHOOL
BAKERSFIELD CALIFORNIA

WHITNEY BIGGAR ARCHITECT
MEMBER AMERICAN INSTITUTE OF ARCHITECTS
3601 STOCKDALE HIGHWAY
BAKERSFIELD, CALIFORNIA
29285 REGISTRATION C-1128

PROJECT NO. 2-54
DRAWN BY: G.E.
CHECKED BY:
DATE: 12-2-54
SHEET 13 OF 22