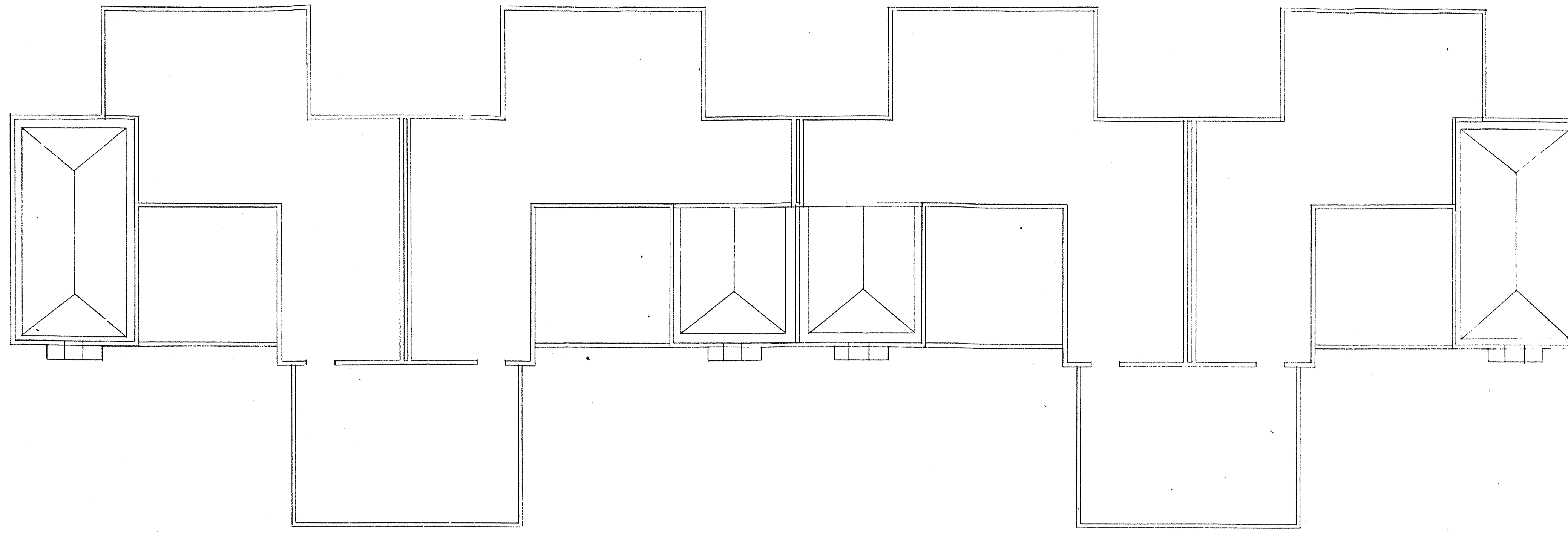
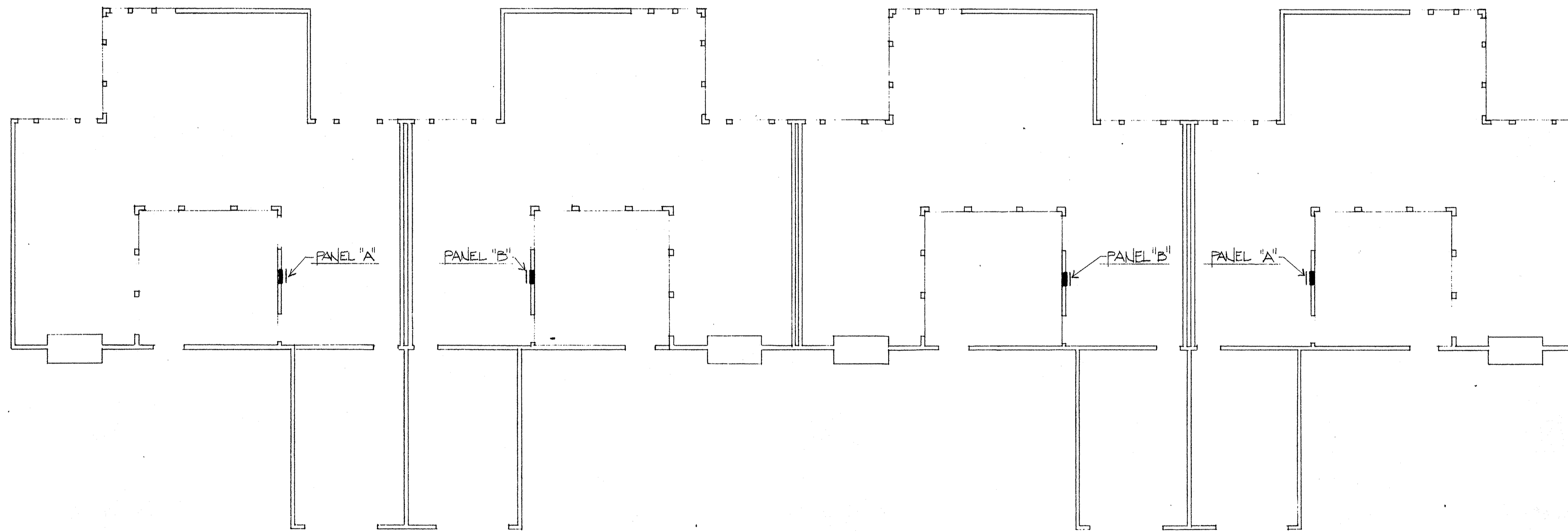


LIGHTING FIXTURE SCHEDULE				
sym. walls	description	amps		mounting
		no.	watts	
A 21V	POLE MTD. M.H. STREET Ltg. FIXTURE W/LOUVERS. SEE DETAIL 240V.	1	175	M.H. POLE @ +20' 0"
B 12V	BOLLARD MTD. Ltg. FIXTURE. 36" H., M.V. REFER TO DETAIL	1	100	M.V. DELUXE BOLLARD
C 12V	GROUND MTD. TREE UPLIGHT. CAST ALUMINUM BODY W/ONE PIECE CAST ALUMINUM BALLAST BOX. KIM #4223W.	1	100	M.V. DELUXE ON GROUND
D 12V	RECESSED STEP LIGHT. M.V. LAMP WITH LOUVERS. DEVINE # P642-50MV-120V.	1	50	M.V. RECESSED IN STEP.
E 21V	DECORATIVE POLE MTD. M.V. FIXTURE. SEE DETAIL	1	175	M.V. DX POLE @ +12' 0"
F 30	TRELLIS MTD. FLUOR. BRACKET WITH CAP GUARD. LIGHTOLIER #4841.	2	9	PL-9 WALL MTD. ON CAST STEEL W.P. J-BOX.
G 48	1'x4' STRIP FLUORESCENT WITH ANTENNA GUARD. PRUDENTIAL #P-AG-101-48RS	1	34	F40T12 E.S.L. SURFACE



BLDG. "F" SECOND FLOOR ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



BLDG. "F" FIRST FLOOR ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

BUILDING TYPE "F" LOAD CALCULATION
8592 SQUARE FEET
FWRA #1015F
APPL. LOAD # 007

- I) GENERAL LIGHTING LOAD:
8592 SQ. FT. X 3 W./SQ. FT. = 25.7 KW.
(8) SMALL APP. CIR @ 1.5 KW. EA. = 12.0
(4) LAUNDRY CIR. @ 1.5 KW. EA. = 6.0
GENERAL LIGHTING SUBTOTAL = 43.7
- DEMAND PER NEC TABLE #220-11:
FIRST 3.0 KW @ 100% = 3.0 KW.
REMAINDER @ 25% = 14.2
GENERAL LIGHTING TOTAL = 17.2 KW.
- II) FIXED APPLIANCE LOAD:
(4) FAU'S @ 0.6 KW. EA. = 2.4 KW.
(4) DISPOSALS @ 0.8 KW. EA. = 3.2
(4) DISHWASHERS @ 1.2 KW. EA. = 4.8
(4) MICROWAVE @ 1.0 KW. EA. = 4.0
(4) DOOR OPENER @ 0.8 KW. EA. = 3.2
FIXED APPLIANCE LOAD SUBTOTAL = 17.6 KW.
- DEMAND PER NEC #220-17:
17.6 KW. @ 75% = 13.2 KW. = 13.2 KW.
- III) OTHER LOADS:
(4) RANGES (5.0KW EA @ 100%) = 17.0 KW.
(4) DRYERS (5.0KW EA @ 100%) = 20.0
OTHER LOAD TOTAL = 37.0 KW. = 37.0 KW.
- BUILDING TOTAL LOAD = 67.4 KW.

67,400 W. / 240 VOLTS, 1 0 = 280.8 AMPERES

AS BUILT
WALTON ELECTRIC CORP.
P.O. Box 1334
A.P.R. Vermont
Gibbsville, Vt 05240

no.	date	by

BI
Group
Architects and Planners
L. Paul Zajfen
2865 E. Coast Highway
Suite 303
Corona Del Mar, Ca.
92625
(714)675-2390

CONSULTANTS
CONSULTING ELECTRICAL ENGINEERS
RWR
ASSOCIATES
290 ARROYO AVENUE, SUITE 204 • COSTA MESA, CA 92626
714-550-8476
85-40-1015

project title
U.C.S.B.

sheet title
**BLDG. F
ELECTRICAL
FLOOR PLAN**

scale 1/8" = 1'-0"	date
drawn J.P.D.	checked J.P.D.
project no.	sheet no. E-6 OF 10

This drawing, as an instrument of service, is the property of the architect and may not be reproduced without their permission and unless the reproduction carries their name. All designs and other information shown on this drawing are for use on the specified project only and shall not be used otherwise without written permission of the architect.

Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and the architect shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to the architect for approval before proceeding with fabrication.