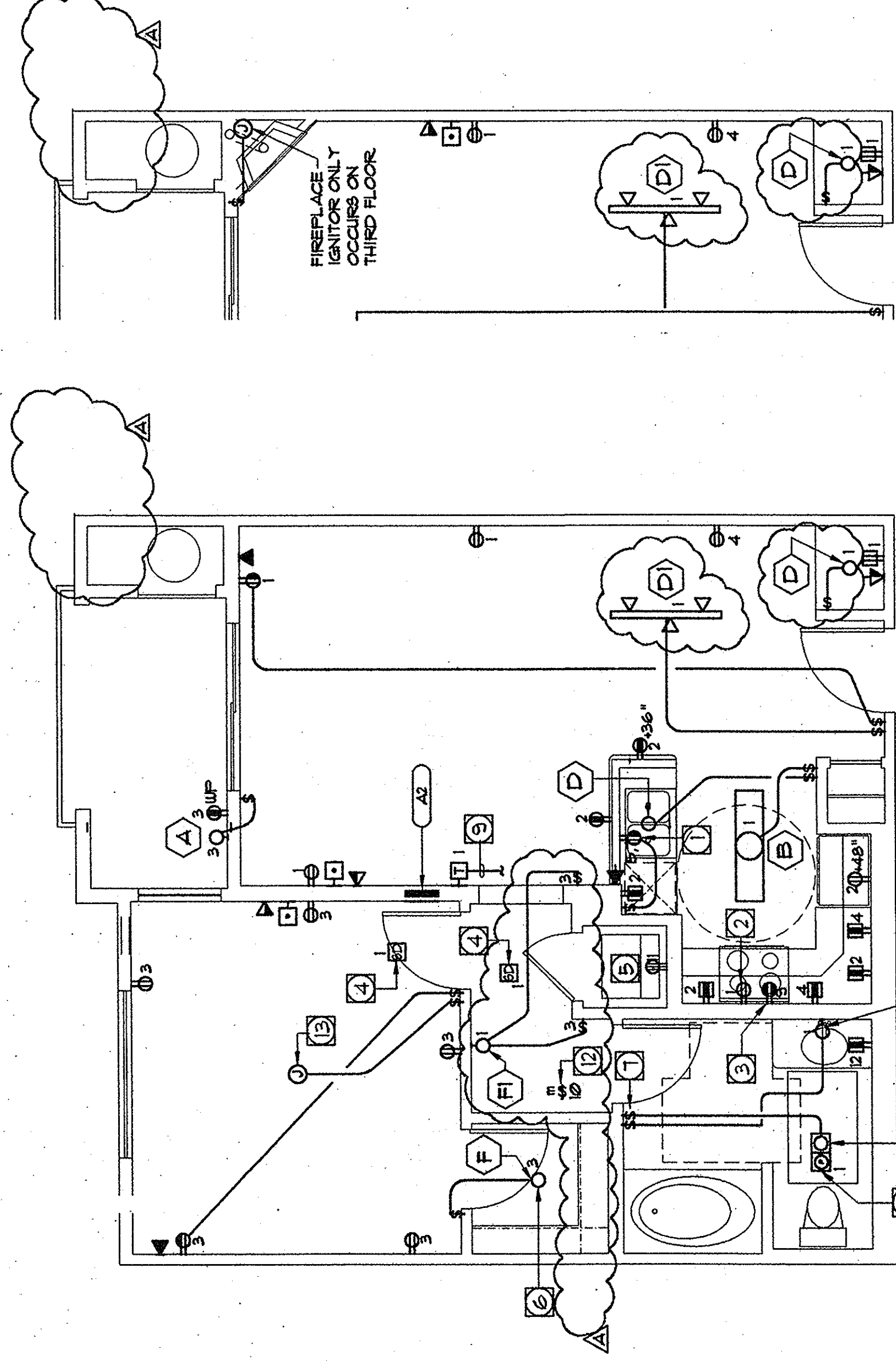


PLAN NOTES

- 1 20 AMP, 125 V, DUPLEX RECEPTACLE, HALF SWITCHED, WITH "EARTH" BROKEN FOR USE WITH TWO CIRCUITS. SWITCHED HALF FOR DISPOSAL * HOT* HALF FOR DISHWASHER. MOUNT AT 1' AFF.
- 2 CONVENIENCE RECEPTACLE AS REQUIRED FOR RANGE UNIT.
- 3 PROVIDE RECEPTACLE AND FINAL CONNECTION TO MICROWAVE OVEN-BE-HAUST HOOD COMINATION. MOUNT AT 5'-6" AFF.
- 4 SMOKE DETECTOR SELF CONTAINED ACQU. 100 V. UL LISTED. VERIFY MOUNTING WITH ARCHITECT. LOCATE WITHIN 3' FT. FROM AIR REGISTER. SMOKE DETECTOR TO HAVE BATTERY BACK-UP.
- 5 20 AMP, 125 V. RECEPTACLE AT 40" AFF. FOR WASHER/DRYER.
- 6 REFER TO GENERAL NOTE *S* RELATIVE TO MOUNTING OF LIGHTING FIXTURE IN THIS SECTION.
- 7 PROVIDE 1/2" DIA. IN A MULTI-GANG OUTLET BOX WITH ONE COMMON. COORDINATE WITH ELECTRICAL ENGINEER. PROVIDE COMBINATION FLATES WHERE REQUIRED.
- 8 CEILING MOUNTED EXHAUST FANS. LOCATE PER MECHANICAL DRAWINGS. PROVIDE COMPLETE CONNECTION.
- 9 1/2" TO 2" PAN COIL UNIT. REFER TO MECHANICAL WIRING DIAGRAM AND PROVIDE ALL LOW VOLTAGE CONTROL WIRING AS INDICATED.
- 10 PROVIDE A NEMA #1 FUSE-MOUNTED ENCLOSURE AT 6'-0" AFF. FOR CATHY/ELV/DATA FEED.
- 11 DATA OUTLET AT 42" FOR WATER SUBPETERING.
- 12 MOTOR RATED DISCONNECT SWITCH IN ACCESSIBLE ATTIC SPACE FOR FAN.
- 13 UNTESTED RATED IN CEILING FOR BURNING CEILING FAN. FAN *S* SHALL BE UL LISTED. CEILING FAN APPLICATIONS AND SHALL BE INSTALLED PER NEC ARTICLE 422-18.

GENERAL NOTES

1. ALL OUTLET, LIGHTS ETC. ON COMMON WALLS BETWEEN TWO UNITS SHALL BE SEPARATELY LOCATED AND ORSET 24" MINIMUM RANGE OUTLETS ON COMMON WALLS BETWEEN TWO UNITS SHALL BE ORSET 24" MINIMUM. WHEN GRACING IS REQUIRED, GRACE SHALL BE ORSET 24" MINIMUM. THE CONTRACTOR SHALL PROVIDE A FIRE RATED WALL OR CONSTRUCTION TO MAINTAIN FIRE RATING OF THE WALL AROUND EACH INDIVIDUAL OUTLET TO MAINTAIN FIRE RATING OF THE WALL.
2. HEIGHT OF ALL RECEPTACLES AT CORNER SHELVES ETC SHALL BE VERIFIED WITHIN 6" OF THE WALL. CONTRACTOR SHALL PROVIDE 6" OF THE WALL WITHIN 6" FEET OF THE WALL.
3. CONTRACTOR TO INSTALL GLASS FURNITURE TO ASSURE THAT A MINIMUM DIMENSION OF 18" EXIST BETWEEN CLOSET SHELF AND EDGE OF FURNITURE. CONTRACTOR SHALL VERIFY FINAL LOCATION AND DIMENSIONS OF SHELVES RELATIVE TO FURNITURE AND PROVIDE FURNITURE TYPE AS REQUIRED TO COMPLY WITH THE REQUIREMENTS OF NEC 4-60-3.
4. LIGHT SWITCHES, ELECTRICAL RECEPTACLES, THERMOSTATS AND OTHER ELECTRICAL DEVICES SHALL BE LOCATED 48" ABOVE AND NO LOWER THAN 48" ABOVE THE FLOOR. IF THE REACH IS OVER AN OBSTRUCTION BETWEEN 20" AND 28" IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 34" FOR FORWARD REACHING. THE WALL BENEATH A CONTROL OBSTRUCTION SHALL NOT EXCEED 25" FROM THE WALL BENEATH A CONTROL.
5. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED BY THE SAME TYPE OF WALL. CONTRACTOR TO INSTALL AN APPROVED FIRE-STOP SYSTEM EQUAL TO THE FIRE RATING OF THE WALL.



UNIT A2 ELECTRICAL FLOOR PLAN

MOUNTING FLUSH		I		WIRE		PANEL		"A2"		MAIN						
120/200V VOLTS		PHASE		L I R		A I C R C		B I R C		BUS						
BRANCH CONDUIT SIZE C.U.	LOCATION	VOLTS		M		L		VOLTS		LOCATION						
		ØA	ØB	L I R	C C C	ØA	ØB	M I R C	L C C	B I R C	ØA ØB					
#4	GENERAL LIGHTING	10T1		4	3	15/1	1	2	20/1	-	ØA	ØB	ØA	ØB	ØA	ØB
#4	D1	120/0		2	1	5/1	3	4	20/1	-	15/0		15/0		15/0	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
#2	D1	9/0		2	1	5/1	3	4	20/1	-	6/6		6/6		6/6	
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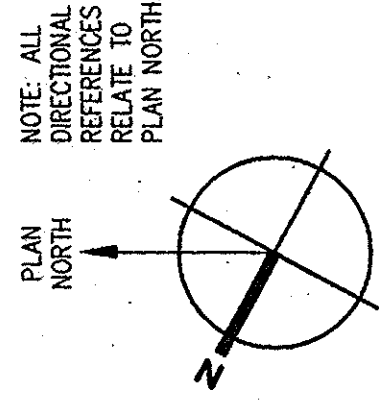
LOAD CALC: UNIT AREA "A2" = 718 SQUARE FEET

718 SQFT. x 3 WATTS/SQFT.	=	2,154 WATTS
(2) SMALL APPLIANCE CIRCUITS	=	3,000 WATTS
LAUNDRY CIRCUIT	=	1,500 WATTS
SUBTOTAL	=	6,654 WATTS

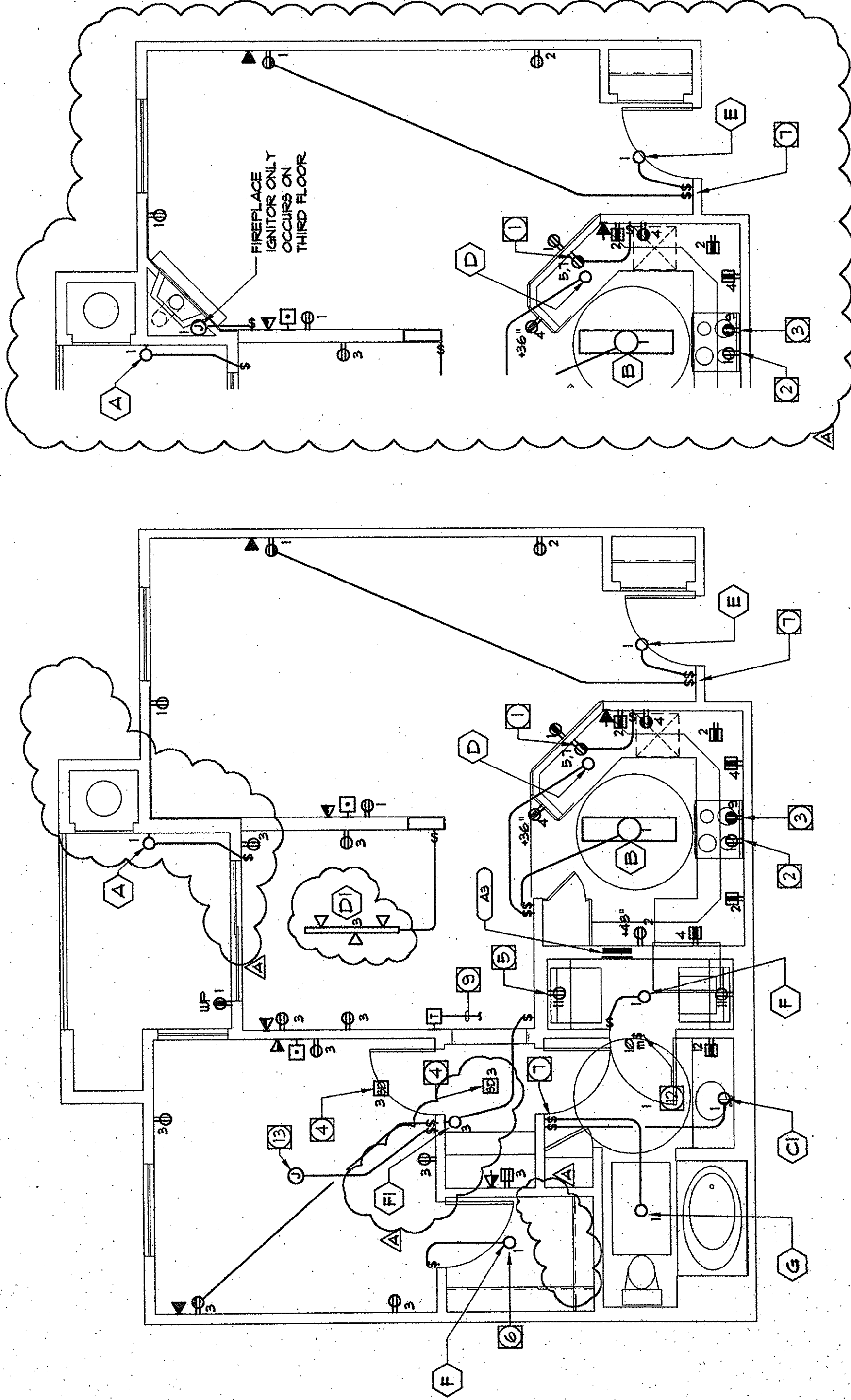
FIRST 3KW @ 100%	=	3000 WATTS
REMAINDER @ 35%	=	1219 WATTS
UNIT DEMAND LOAD	=	4219 WATTS

DISHWASHER CIRCUIT	=	1200 WATTS
DISPOSAL CIRCUIT	=	900 WATTS
MICROWAVE CIRCUIT	=	900 WATTS
CONDENSING UNIT CIRCUIT	=	1851 WATTS
AIR HANDLER UNIT	=	228 WATTS
UNIT LOAD SUBTOTAL	=	9358 WATTS

UNIT LOAD TOTAL	=	9358 WATTS
9358 @ 208V, 1φ	=	450 AMPS



PLAN NORTH



UNIT A3 ELECTRICAL FLOOR PLAN

MOUNTING		FLUSH		PANEL "A3"		MAIN		L.O.				
120/200V VOLTS		1 PHASE		3 WIRE		A.I.C. RATING		BUS		100A		
BRANCH CIRCUIT COUNT	LOCATION	VOLTS		M L E S C	B K R	C I R C	W R E C	VOLTS		LOCATION	BRANCH CIRCUIT COUNT	
		ØA	ØB					ØA	ØB			
#1	GENERAL LIGHTING	120Ø		-	15/1	1	-	2	20/1	-	SMALL APPLIANCE	#2
#4	GENERAL LIGHTING	120Ø	120Ø	-	15/1	3	-	4	20/1	-	SMALL APPLIANCE	#2
#1	DISPOSAL			-	20/2	5	-	6	20/1	-	CONDENSING UNIT	#2
#2	DISPOSAL		90Ø	-	---	7	-	8	---	-	---	#2
#2	DISPOSAL		90Ø	-	20/1	9	-	10	15/1	-	WALL COIL UNIT	#2
#2	WASHER		50Ø	-	20/1	13	-	14	20/1	-	WALL COIL UNIT	#2
#2	SPACE			-	20/1	15	-	16	20/1	-	SPACE	#2
#2	SPACE			-	20/1	15	-	16	20/1	-	SPACE	#2
#2	SPACE			-	17	18	-	19	20/1	-	SPACE	#2
#2	SPACE			-	19	20	-	21	20/1	-	SPACE	#2

LOAD CALC: UNIT AREA "A3" = 845 SQUARE FEET

845 SQFT. x 3 WATTS/SQFT.	=	2535 WATTS
(2) SMALL APPLIANCE CIRCUITS	=	3000 WATTS
LAUNDRY CIRCUIT	=	1500 WATTS
SUBTOTAL	=	7035 WATTS

FIRST 3KW @ 100%	=	3,000 WATTS
REMAINDER @ 35%	=	1,412 WATTS
UNIT DEMAND LOAD	=	4,412 WATTS

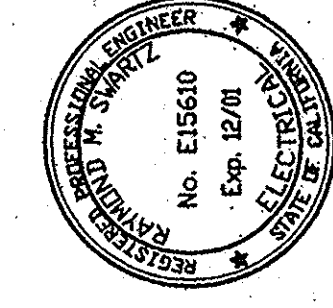
DISHWASHER CIRCUIT	=	1200 WATTS
DISPOSAL CIRCUIT	=	900 WATTS
MICROWAVE CIRCUIT	=	900 WATTS
CONDENSING UNIT CIRCUIT	=	2483 WATTS
AIR HANDLER UNIT	=	360 WATTS
UNIT LOAD SUBTOTAL	=	10455 WATTS

UNIT LOAD TOTAL	10.455 WATTS
10.455 @ 208V. 1φ	50.3 AMPS

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PLAYA DEL REY
8700 PERSHING DRIVE
PLAYA DEL REY, CALIFORNIA 90293

ARCHSTONE COMMUNITIES
217 Technology Drive, Second Floor
Irvine, California 92618



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RAYMOND W. STAETZ, P.E.

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UNIT A3 PANEL SCHEDULES & LOAD CALC'S

UNIT A2 PANEL SCHEDULES & LOAD CALC'S

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