

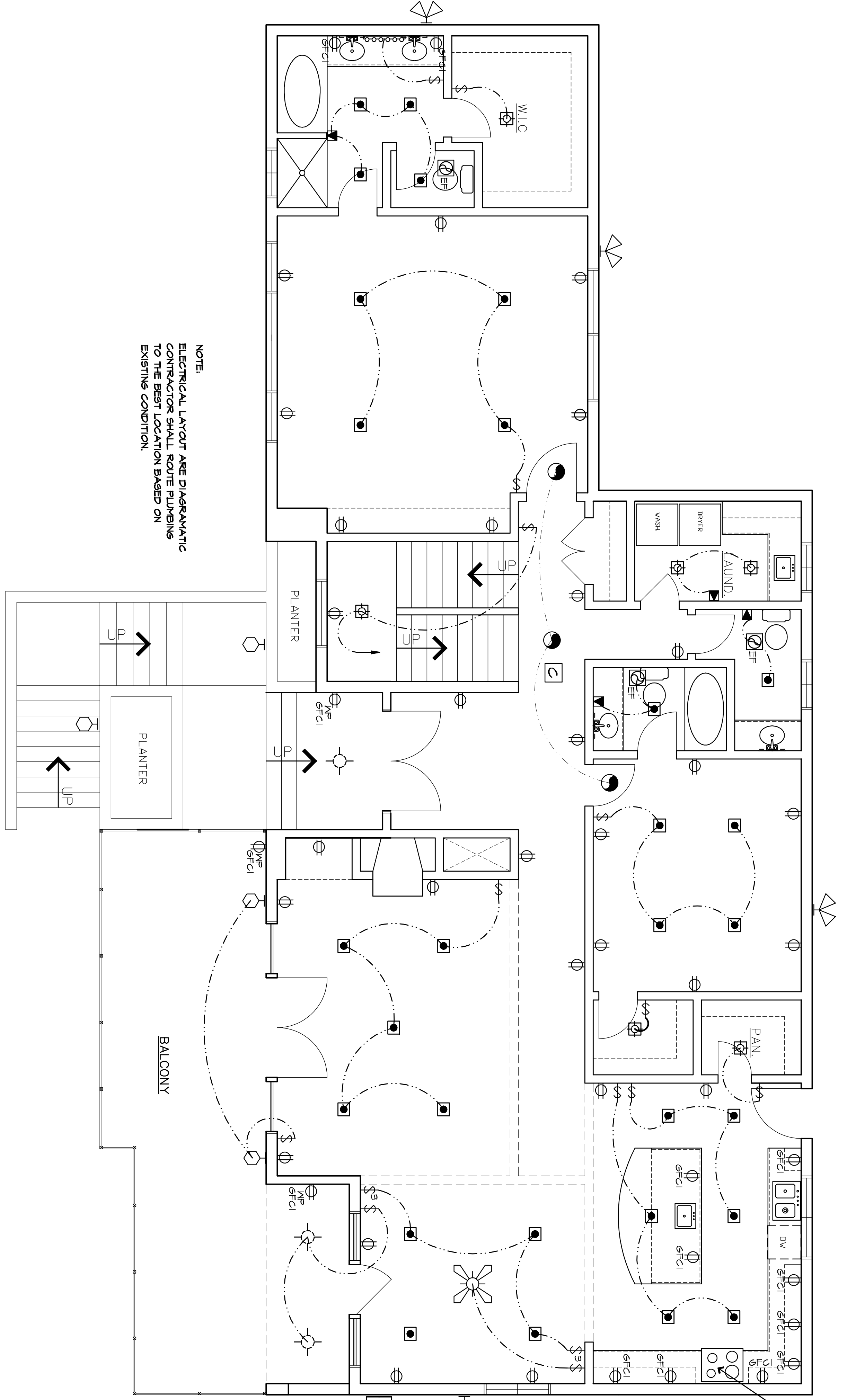
- RECESSED CEILING FIXTURES SHALL BE "ZERO-CLEARANCE" W/ INSULATION COVER (C)
- CARBON MONOXIDE SHALL BE 120V, PERMANENTLY HANDWIRED, INTERCONNECTED TO PANEL WITH SEPARATE BATTERY BACKUP;
- RANGES AND DRYERS SHALL HAVE A AMBER PROVIDED REZEALABLE OUTLET (REGARDLESS OF ORIGIN)
- RESTROOM RECEPTACLES SHALL BE SUPPLIED BY A 20 AMP BRANCH CIRCUIT EXCLUSIVE TO THE RESTROOM
- SMOKE ALARMS SHALL BE 120V, PERMANENTLY HANDWIRED, INTERCONNECTED TO PANEL WITH SEPARATE BATTERY BACKUP, PLACED WITHIN 18" MAXIMUM OF HIGHER CEILING ELEVATION OF ROOM IN WHICH INSTALLED.
- ALL SMOKE ALARMS SHALL BE AIDIBLE IN ALL SLEEPING AREAS OF DWELLING UNIT

ADMINISTERED CODES: 2019 ED CAL. BLUE CODE
 2019 ED CAL. TITLE 24 PART 2 ACCESSIBILITY
 2019 ED CALIFORNIA GREEN BUILDING STANDARDS
 2019 ED CALIFORNIA BUILDING CODE
 2019 ED CALIFORNIA ELECTRICAL CODE
 2019 ED CALIFORNIA PLUMBING CODE
 2019 ED CALIFORNIA FIRE CODE
 2019 ED CALIFORNIA RESIDENTIAL CODE

- ELECTRICAL NOTES:**
1. PROVIDE ARC-FULT CIRCUIT INTERRUPTER PROTECTION FOR ALL RECEPTACLES LOCATED IN BEDROOMS (C) SEC 210-12
 2. ALL SMOKE ALARMS SHALL BE AIDIBLE IN ALL SLEEPING AREAS OF DWELLING UNIT.
 3. PROVIDE TWO (2) SMALL APPLIANCE CIRCUITS FOR THE KITCHEN DINING ROOM (C) SEC-210-52) THESE CIRCUITS SHALL NOT SUPPLY GARB. DISPOSAL, DISH WASHER OR ANY OTHER LARGE APPLIANCES.
 4. INSTALL A RATED J-BOX FOR FAN INSTALLATION OR INSTALL FAN INDEPENDENT FROM THE J BOX WITH A LAG BOLT TO CEILING JOIST. USE THE J BOX FOR ELECTRICAL CONNECTION ONLY.

- ELECTRICAL NOTES:**
1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CURRENT NATIONAL ELECTRIC CODE (NEC) RULES AND REGULATIONS OF THE LOCAL BUILDING DEPARTMENT OF PUBLIC WORKS AND POWER SUPPLIER.
 2. LOCAL TELEPHONE SUPPLIER AND THE INDUSTRY STANDARDS FOR ELECTRICAL WORK.
 3. ALL EQUIPMENT AND MATERIALS SHALL BE U.L. LISTED WHEN LISTING IS AVAILABLE FOR THAT TYPE OF EQUIPMENT, OR SHALL CONFORM TO ANSI OR NEMA STANDARDS.
 4. METALLIC ENCLOSURES, RACEWAYS AND ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF NEC ARTICLE 250. PROVIDE A GROUND WIRE IN EVERY RACEWAY. SIZE IN ACCORDANCE WITH THE NEC TABLE 250-45.
 5. CONDUITS SHALL BE EMT (6) DRY LOCATIONS ABOVE FINISH GRADE) PVC (6) BELOW GRADE OR ENCASMENT IN CONCRETE), ALUMINUM (6) EXPOSED INSTALLATION), FLEXIBLE CONDUIT SHALL BE JACKETED TYPE AND IN ACCORDANCE WITH NEC ARTICLE 330.
 6. MINING SHALL BE NEC TYPE THW, THWN, OR XHHW, 600V. ALL CONDUCTORS SHALL BE OF COPPER. THE MINIMUM SIZE OF WIRE SHALL BE #12 AWG AND THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4". UNLESS NOTED OTHERWISE.

FIRST FLOOR ELECTRICAL LAYOUT



NOTE:
 ELECTRICAL LAYOUT ARE DIAGRAMATIC CONTRACTOR SHALL ROUTE PIPING TO THE BEST LOCATION BASED ON EXISTING CONDITION.

NOTE: KITCHEN HOOD EXHAUST DUCTS SHALL TERMINATE 3'-0" FROM THE PROPERTY LINE AND FROM OPENINGS INTO THE BUILDING PER CMC 504.5

NOTE: 414 KIT HOOD EXHAUST THRU ROOF PER CMC 502.2

ELECTRICAL SYMBOLS

⊕	SINGLE POLE SWITCH	⊕	SMOKE DETECTOR
⊕	110V CONVENIENCE OUTLET	⊕	CARBON MONOXIDE DETECTOR
⊕	220V APPLIANCE OUTLET	⊕	FLOOR, FAN LIGHT COMBO (V.T.O)
⊕	TELEPHONE JACK	⊕	GFI = GROUND FAULT INTERRUPT
⊕	OCCUPANCY LIGHT SENSOR	⊕	= WATERPROOF (UL) RATING
⊕	EXTERIOR CEILING LIGHT	⊕	FLOOD LIGHTS W/ PHOTO & MOTION SENSOR
⊕	(W/ 1.40 W. COMP. FLUORESCENT)	⊕	TELEPHONE JACK
⊕	MALL MOUNT FORCH LANTERN (INCAN. LIGHT W/ PHOTO SENSOR AND W/ MOTION SENSOR)	⊕	INTERIOR CEILING LIGHT (W/ 2.40 W. COMP. FLUORESCENT)
⊕	RECESSED CEILING FIXTURES (18 W. COMPACT FLUORESCENT)	⊕	STRIP VANITY LIGHT W/ 6 18W
⊕	CEILING FAN & LIGHT WITH COMPACT FLUORES. LT. W/ SUSPENSION ROD (TRANDER SWITCHING)	⊕	(2) 4FT. TUBES TO FLUORESCENT SHOP LIGHT FIXTURE

MAIN PANEL

CKT.	LOAD DESCRIPTIONS	CIRCUIT BREAKER AMP.	POLE	LOAD (AMPS)	WIRE	TOTAL CONNECTED LOAD					
						CKT.	LOAD DESCRIPTIONS	CIRCUIT BREAKER AMP.	POLE	LOAD (AMPS)	WIRE
1	MAIN DISCONNECT	100		12	12	2	RECEP. LIVING/HALL	20	1	9	12
3	MAIN DISCONNECT	100		12	12	4	RECEP. BEDROOM	20	1	11	12
5	DRYER/220V	20	3	16	12	6	RECEP. BEDROOM	20	1	9	12
7	DRYER/220V	20	3	16	12	8	LIGHTS BEDROOM	20	1	9	12
9	RECEP. BATH	20	1	9	12	10	LIGHTS / BATH	20	1	8	12
11	RECEP. KITCHEN	20	1	9	12	12	LIGHTS KITCHEN	20	1	11	12
13	LIGHTS	20	1	9	12	14	RECEP. KITCHEN	20	1	18	12
15	LIGHTS EXTERIOR	20	1	9	12	16	RECEP. GAR./OUTDOOR	20	1	11	12
17	RECEP. GAR./OUTDOOR	20	1	5	12	18	AC			12	12
19	SPARE					20	AC			12	12
21	SPARE					22	SPARE			12	12
				TOTAL CONNECTED LOAD	57					TOTAL CONNECTED LOAD	76

115/240 VOLTS
 SINGLE PHASE
 MAIN BREAKER: 200 AMPS
 MIN. AIC : 20 AMP

DEMAND FACTOR : 80%
 DEMAND LOAD : 133 AMPS

NOTES:
 ALL BREAKERS ARE NEW IN NEW PANEL.
 (N) = NEW OR REASSIGNED CONNECTION REDISTRIBUTE TO BALANCE PHASES BASED ON FIELD MEASUREMENTS. VERIFY ALL (E) CIRCUITS IN THE FIELD.