

**ELECTRICAL PLAN NOTES:**

THE FOLLOWING APPLIANCES ARE REQUIRED TO HAVE A SEPARATE 20 AMP CIRCUIT: DISHWASHER, TRASH COMPACTOR, SUMP COOLER, MICROWAVE, OVEN AND WASHER. THE WASHER CIRCUIT MAY SERVE ONE ADDITIONAL OUTLET IN THE LAUNDRY AREA.

ELECTRICIAN TO PROVIDE COPPER W/ER AT ELECTRIC SERVICE ENTRANCE.

ELECTRICIAN SHALL VERIFY LOCATION OF SERVICE ENTRANCE AND METER WITH UTILITY COMPANY PRIOR TO START OF CONSTRUCTION.

ELECTRICIAN TO PROVIDE TEMPORARY POWER AS REQUIRED.

IF INTERCOM AND/OR SECURITY SYSTEM IS INCLUDED, ELECTRICIAN SHALL VERIFY LOCATIONS WITH GENERAL CONTRACTOR.

ELECTRICIAN SHALL HOOK UP ALL APPLIANCES SELECTED BY OWNER.

ELECTRICIAN TO PRE-WIRE FOR TELEPHONE, TELEVISION, FUTURE CABLE AND INTERNET (INCLUDING TRIM-OUT)

ALL CEILING BOXES TO BE RIGIDLY SECURED TO FRAMING.

PROVIDE A FUSED DISCONNECT AS PER MANUFACTURER SPECIFICATIONS TO ALL A/C POWER LOCATIONS.

ALL EXTERIOR OUTLETS, BATHROOM OUTLETS, GARAGE OUTLETS TO BE EQUIPPED WITH G.F.C.I.

GARAGE AND EXTERIOR OUTLETS TO BE WATERPROOF.

TWO OR MORE SEPARATE SMALL APPLIANCE CIRCUITS ARE REQUIRED IN THE KITCHEN, BREAKFAST ROOM, DINING ROOM OR OTHER SIMILAR AREA.

PROVIDE OUTLETS AT KITCHEN SO THAT NO PORTION OF COUNTER IS MORE THAN 24" FROM AN OUTLET.

ALL KITCHEN COUNTERTOP OUTLETS SHALL BE ON A DEDICATED 20 AMP G.F.C.I. BREAKER.

ALL BATHROOM OUTLETS SHALL BE ON A DEDICATED 20 AMP G.F.C.I. BREAKER.

ALL BRANCH CIRCUITS TO BEDROOMS SHALL BE ON A DEDICATED ARC-FAULT CIRCUIT INTERRUPTER BREAKER.

PROVIDE ELECTRICAL SERVICE TO HVAC UNIT (VERIFY LOCATION)

VERIFY WITH CONTRACTOR LOCATION OF PREFERRED LOCATIONS FOR TV AND PHONE OUTLETS. ANY CHANGES TO THE ELECTRICAL LAY-OUT, VERIFY FOR ANY ADDITIONAL CHANGES.

ELECTRICAL PLAN IS STRICTLY DIAGRAMMATIC. CONTRACTOR IS TO OBTAIN ENGINEERING WHEN REQUESTED BY BUILDING OFFICIALS. ALL WORK MUST CONFORM TO 2002 NEC AND 2003 IRC CODES

PROVIDE 120 VOLT SINGLE PHASE POWER TO UTILITY ROOF MOUNT A/C UNITS. ALSO PROVIDE COMPLETE WIRING, INCLUDING DISCONNECT SWITCHES, FUSES, CONTROL WIRING, ETC. FOR A/C EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS IN COMPLIANCE WITH THE LATEST N.E.C. SEE SHEET E4 FOR LOCATIONS OF A/C UNITS.

ELECTRICAL LOAD CALCULATIONS AND PANEL SCHEDULE ARE TO BE PROVIDED BY OTHERS

**LEGEND**

SYMBOL	DESCRIPTION
	SURFACE MOUNT LIGHT
	RECESSED LIGHT
	FLUORESCENT LIGHT
	EXHAUST FAN
	CEILING FAN W/ LIGHT
	TRACK LIGHT
	SMOKE DETECTOR
	SINGLE POLE CONDUIT
	DOUBLE POLE CONDUIT
	THREE WAY CONDUIT
	DUPLEX
	DUPLEX - SWITCHED OUTLET
	DOUBLE DUPLEX
	RANGE 220 (36" A.F.F.)
	FLOOR OUTLET - VERIFY LOCATIONS W/ OWNER
	DRYER
	TELEPHONE
	CABLE T.V.
	DATA
	GROUND FAULT CIRCUIT INTERRUPTER
	ARC FAULT CIRCUIT INTERRUPTER
	WEATHER-PROOF (GFCI)

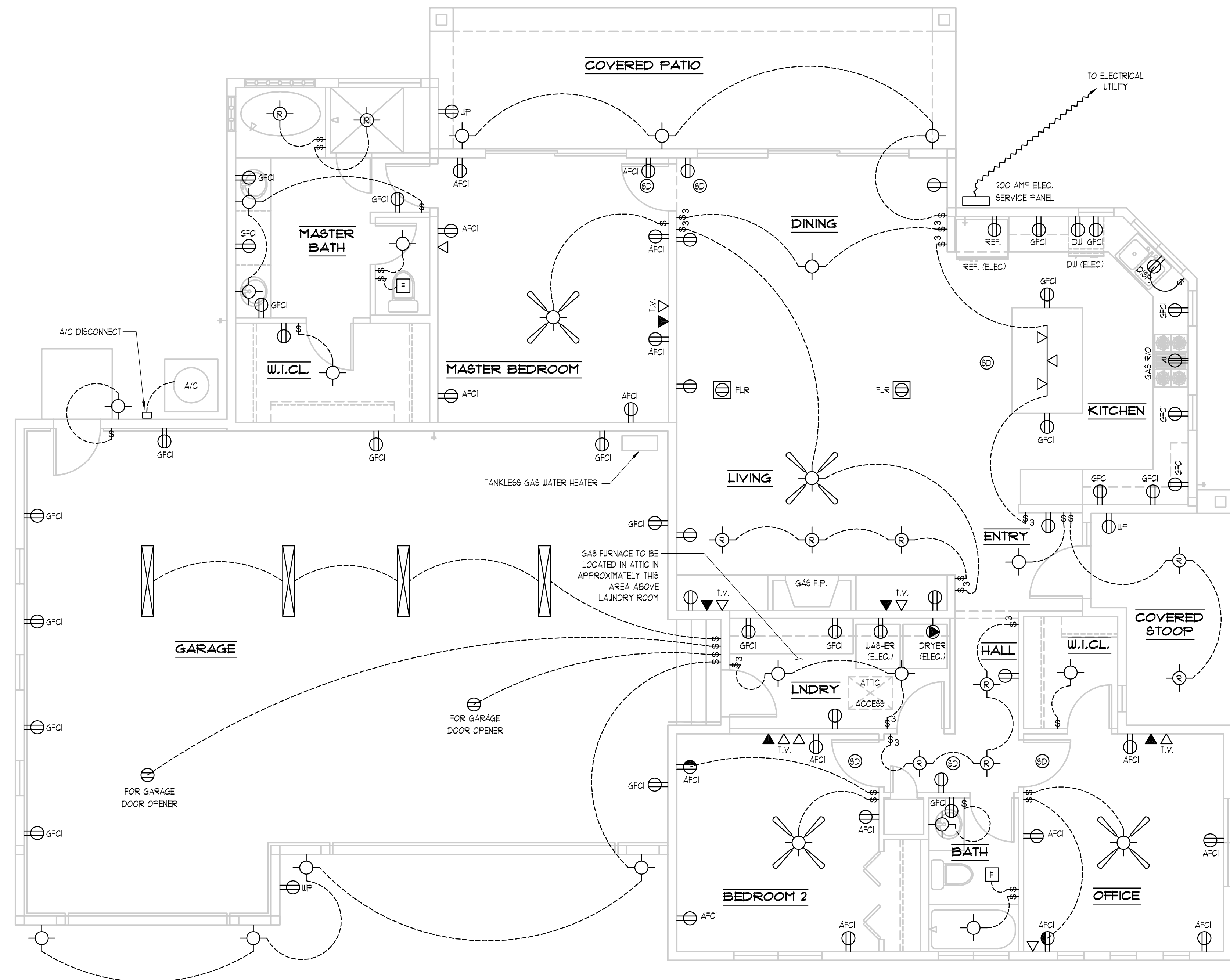
**NOTES:**

- TOP OF ALL SWITCH BOXES TO BE AT 44"-48" A.F.F. - U.N.O.
- TOP OF ALL OUTLETS TO BE AT 12"-16" A.F.F. - U.N.O.
- MOUNT ALL GARAGE OUTLETS AT 42"-48" A.F.F. - U.N.O.
- MOUNT RECEPTACLES AT COUNTERTOP LOCATIONS 2" ABOVE BACKSPASH.
- DISHWASHER RECEPTACLE TO BE MOUNTED AT 6" A.F.F.

**NOTE:**  
A TRIP OF (2) 20 AMP RATED BRANCH CIRCUITS FOR RECEPTACLES LOCATED IN THE KITCHEN/PANTRY, BREAKFAST & DINING AREAS.

**NOTE:**  
A SEPARATE 20 AMP RATED BRANCH CIRCUIT FOR RECEPTACLES LOCATED IN THE LAUNDRY AREA.

**NOTE:**  
A SEPARATE 20 AMP RATED BRANCH CIRCUIT FOR RECEPTACLES LOCATED IN THE BATH-ROOM AREAS.



**SCHEMATIC ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

