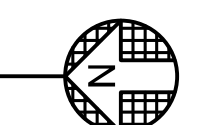


1 ELECTRICAL - OVERALL FLOOR PLAN
N.T.S.



GENERAL NOTES

- A. ALL ABOVE GRADE WIRING WITHIN DWELLING UNIT MAY UTILIZE SHEATHED MULTI-CONDUCTOR CABLES (ROMEX), MINIMUM WIRE SIZE IS #14 FOR 15A AND #12 FOR 20A CIRCUITS.
- B. ALL CONCEALED ABOVE GRADE WIRING OUTSIDE OF DWELLING UNITS SHALL BE INSTALLED IN EMT CONDUIT AND UTILIZE WIRE SIZE INDICATED IN PANELBOARD SCHEDULES.
- C. ALL EXPOSED EXTERIOR CONDUIT SHALL BE RIGID GALVANIZED METAL CONDUIT, INCLUDING SERVICE RISER.
- D. ALL BELOW GRADE WIRING SHALL BE INSTALLED WITHIN SCHEDULE 40 PVC CONDUIT A MINIMUM OF 30" BELOW GRADE.
- E. ALL CONDUCTORS AND TERMINATIONS SHALL BE RATED AT 75 DEGREES CELSIUS.
- F. WIRES OVER #10 CU MAY UTILIZE THE EQUIVALENT SIZE IN ALUMINUM.
- G. ALUMINUM CONDUCTORS MAY BE USED FOR SERVICE ENTRANCE CONDUCTORS ONLY.
- H. ALL COORDINATION OF DIMENSIONS, AND LOCATIONS, SHALL BE COORDINATED WITH THE ARCHITECT AND OWNER. DO NOT SUBMIT QUESTIONS OR SUBMITTALS TO ENGINEER DIRECTLY.
- I. SEE SHEET E1 - SITE PLAN, E2 - ONE-LINE DIAGRAM, AND E3 - PANELBOARD SCHEDULES FOR MORE INFORMATION.

KEYED NOTES

1. NEW 400A, 240V, 1-PHASE OVERHEAD UTILITY SERVICE LATERAL AND POLE MOUNTED TRANSFORMER PROVIDED BY SALT RIVER PROJECT. CONTRACTOR IS RESPONSIBLE FOR WEATHERHEAD CONNECTION POINT AND CONDUIT.
2. BASIS OF DESIGN IS SIEMENS POWER MOD SYSTEM. MAIN BREAKER SHALL BE 400A WITH (2) 4-METER/DISCONNECT STACKS.
3. MOUNT MAINTENANCE RECEPTACLE, LIGHT SWITCH, AND LIGHT FIXTURE IN ATTIC NEAR FAN-COOL UNIT.
4. PROVIDE TWO 240V, 30A PULL-OUT DISCONNECT SWITCHES FOR WATER HEATER AND A/C CONDENSING UNITS. PROVIDE FINAL CONNECTION TO EQUIPMENT UTILIZING RGC AND FMC CONDUIT.
5. PROVIDE 52" RESIDENTIAL CEILING FAN WITH LIGHT KIT.
6. PROVIDE RECEPTACLE AT 48" FOR FINAL CONNECTION TO REFRIGERATOR.
7. PROVIDE RECEPTACLE AT 68" FOR FINAL CONNECTION TO OVER THE RANGE MICROWAVE OR VENT HOOD.
8. PROVIDE SPECIAL RECEPTACLE AT 30" AFF FOR FINAL CONNECTION TO RESIDENTIAL COOKING UNIT (RANGE).
9. CONTINUE CIRCUIT TO PANEL AND CIRCUIT INDICATED, ROUTE THROUGH TIME-SWITCH CONTROLLER.
10. PROVIDE NEW INTERMATIC ET2805C TIME-CLOCK CONTROL FOR EXTERIOR LIGHTING.
11. PROVIDE NEW LIGHTING BOLLARDS, 42" TALL, 360 DEGREE, 4000K, 2000 LUMENS.
12. PROVIDE NEW LED WALL PACK, 4000K, TYPE 3 WIDE, 3000 LUMENS.
13. PROVIDE POWER CONNECTION TO POOL EQUIPMENT.
14. PROVIDE FINAL CONNECTION TO IRRIGATION CONTROLLER FROM CIRCUIT INDICATED.
15. PROVIDE NEW ELECTRICAL LOAD CENTER FOR DWELLING UNIT. ENSURE 3' CLEARANCE IN FRONT OF PANELBOARD.
16. PROVIDE NEW 30A DRYER RECEPTACLE FOR FINAL CONNECTION TO STACKED WASHER/DRYER COMBINATION UNIT.
17. PROVIDE NEW HALF-SWITCHED RECEPTACLE BELOW COUNTER FOR CONNECTION TO DISPOSAL AND DISHWASHER.

REVISIONS SUMMARY

1.1.		
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STAMP:
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DRAWN:	CHECKED:	NUMBER:
B5L	B5L	MAX190010

**MULTI-FAMILY HOUSING
NEW ELECTRICAL SERVICE**

REVISIONS:

DATE:	ISSUED FOR:
05/20/19	PERMIT/CONSTRUCTION

SHEET NAME
ELECTRICAL
FLOOR PLAN

SHEET NUMBER

ANY CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER IS HEREBY NOTIFIED THAT THIS PROJECT CONTRACT FOR CONSTRUCTION MUST COMPLY TO THE ARIZONA SENATE BILL SB1646. PROMPT PAYMENT LEGISLATION, AS IT MODIFIES THE ARIZONA REVISED STATUTES.