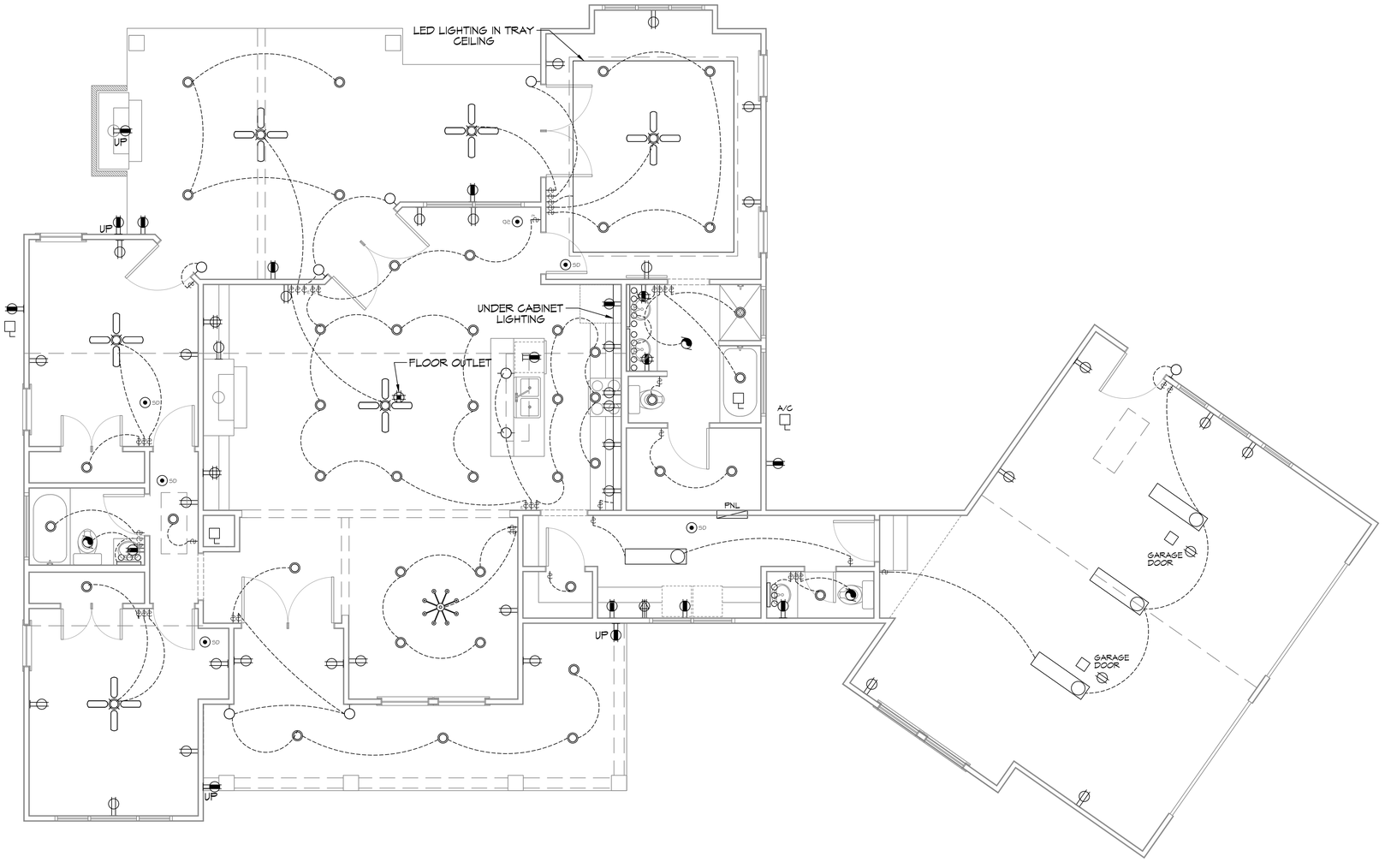

18 POWER AND LIGHTING FLOOR PLAN
SCALE: 1/4" = 1'-0"

LIGHTING LEGEND

- WALL MOUNTED EXTERIOR LIGHT, W/90 MIN BACKUP POWER.
- 1X4 - 2 - FLUORESCENT OR LED; 5800 LUMENS.
- RECESSED LIGHT - FLUORESCENT OR LED
- PENDANT LIGHT - FLUORESCENT OR LED
- FAN WITH LIGHT FIXTURE
- ELECTRIC PANEL BOARD
- LIGHT SWITCH 120V
- LIGHT SWITCH - 3 WAY
- JUNCTION BOX
- EXHAUST FAN

POWER LEGEND

SYMB

- STANDARD 120V DUPLEX RECEPTACLE, 18" AFF (UNLESS OTHERWISE NOTED)
- SINGLE-POLE DEDICATED RECEPTACLE
- GFCI DUPLEX RECEPTACLE
- DEDICATED GFCI DUPLEX RECEPTACLE
- 240V RECEPTACLE - MOUNTED AT 30" AFF
- JUNCTION BOX
- WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
- STANDARD 120V DUPLEX RECEPTACLE - CEILING MOUNTED
- SINGLE POLE RECEPTACLE
- WALL MOUNTED DATA OUTLET
- QUAD FLOOR OUTLET
- FUSED DISCONNECT, FUSE PER MANUFACTURERS RECOMMENDATIONS.

PRE-WIRE FOR THE FOLLOWING:

- TELEPHONE *ONE INCOMING LINE*
- CABLE VISION *ONE OUTLET PER ROOM MINIMUM*
- SECURITY SYSTEM - COORDINATE W/ OWNER
- COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
- ALL WIRING TO BE COPPER MIN. 12/2 W/ GROUND
- VERIFY LOCATION OF FLOOR OUTLETS IN FAMILY ROOM
- PROVIDE 110V OUTLET FOR GARAGE DISPOSAL UNDER KITCHEN SINK
- PROVIDE 110V OUTLET FOR WHIRLPOOL TUB MOTOR UNDER WHIRLPOOL TUB IN MASTER BATH
- PROVIDE 220V OUTLET FOR CLOTHES DRYER
- COORDINATE SURROUND SYSTEM W/ OWNER

ELECTRICAL NOTES:

- MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
- ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
- ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED AND ON A SEPARATE CIRCUIT.
- ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
- HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
- OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
- ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
- INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
- ELECTRICAL SERVICE TO BE A 42 CIRCUIT 200 AMP MAIN LOCATED IN THE HOUSE.
- A SUB-PANEL MAY NEED TO BE ADDED FOR ENOUGH CIRCUITS.
- HOUSE TO BE WIRED FOR A SECURITY SYSTEM.
- ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
- ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
- IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED (IRC R315).

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SHEET TITLE:
POWER AND LIGHTING FLOOR PLAN

DRAWING NUMBER:
E101

SHEET No: 10 of 10

FILE NAME: J:\... - RESIDENTIAL\Craig Bergeron\New working drawings\V101 - Electrical Power.dwg PLOT DATE & TIME: Thursday, June 9, 2022 10:08:32 AM