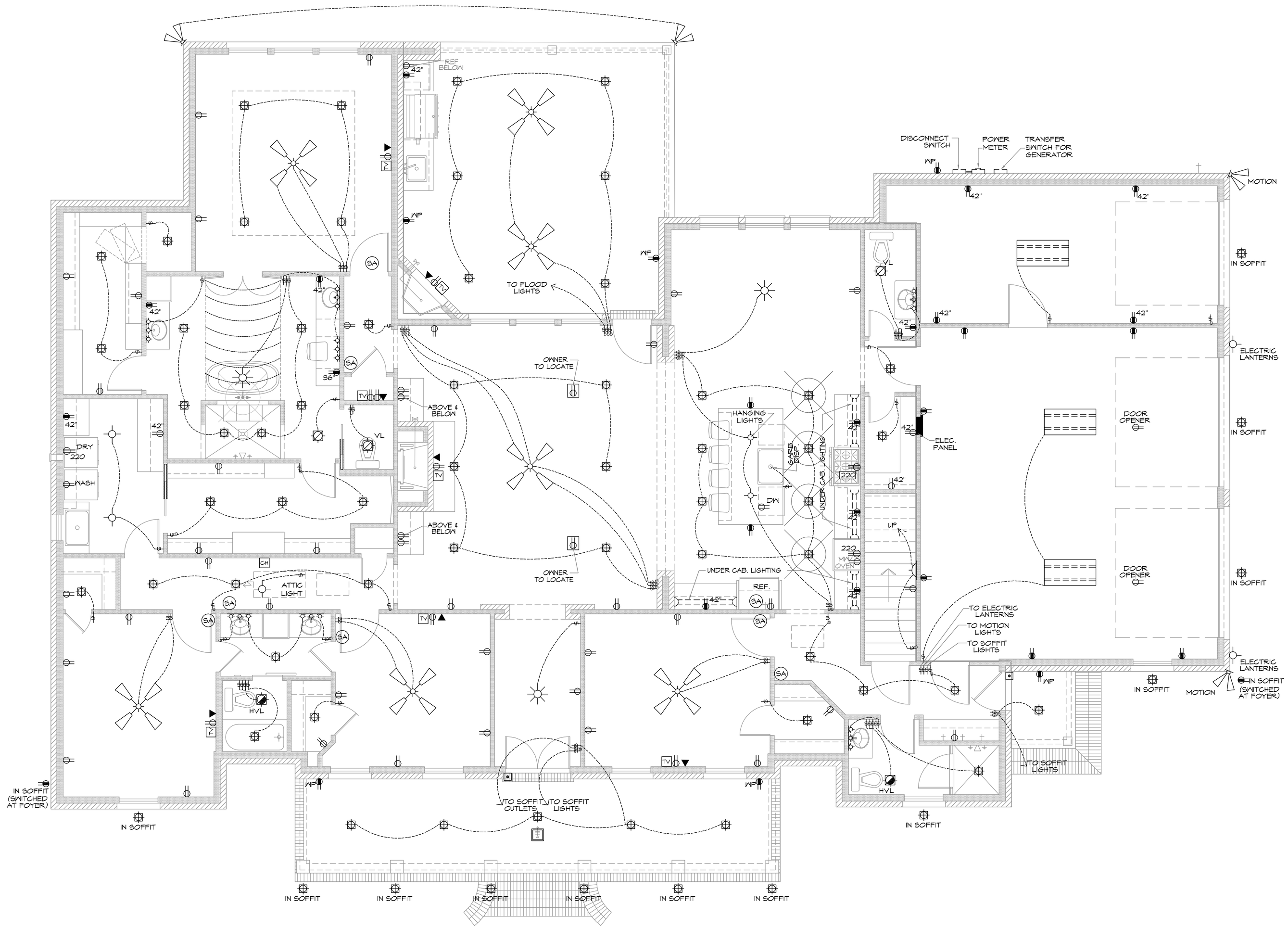
PLT NAME: P:\... RESIDENCIAL\Main House\Current drawings\1101 - ELECTRICAL.dwg PLOT DATE & TIME: Monday, August 26, 2019 10:18:59 AM



N

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

ELECTRICAL SYMBOL LEGEND

- CABLE OUTLET
- TELEPHONE/ ETHERNET OUTLET
- RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDED, DUPLEX
- FLOOR DUPLEX RECEPTACLE GROUND-FAULT-CIRCUIT-INTERLIFT RECEPTACLE-USE SQUARE D
- QUICK GUARD FOR WP LOCATIONS
- 220 RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDED
- TOGGLE SWITCH, SINGLE POLE, 15A
- TOOGLE SWITCH, 3 WAY, 15A
- ELEC. DOOR BELL
- CH DOORBELL CHIME
- D DIMMER SWITCH
- LIGHT FIXTURE, INCANDESCENT CEILING MOUNTED
- LIGHT FIXTURE, INCANCESCENT EXTERIOR FLOODS
- CEILING FAN W/ LIGHT- PROVIDE SEPERATE SWITCHES FOR F & L
- LIGHT FIXTURE - CHANDELIER W/ INCANDESCENT BULBS
- LED RECESSED LIGHT
- LIGHT FIXTURE - FLOURESCENT
- SA SMOKE ALARM - 110V ELEC. W/ CARBON MONOXIDE DETECTOR
- VANITY LIGHT
- HVL HEAT/VENT/LIGHT
- VL VENT/LIGHT ONLY
- SCONCE LIGHT
- ELECTRIC LANTERN

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 GARAGE.
- 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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#	DESCRIPTION	REVISIONS	DATE

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JOB No:	2015
DRAWN BY:	JASWK
DATE:	08-26-2019
CHECKED BY:	CRD

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SHEET TITLE:
ELECTRICAL SHEMATIC

DRAWING NUMBER:
E101

SHEET No: 10 of # 10