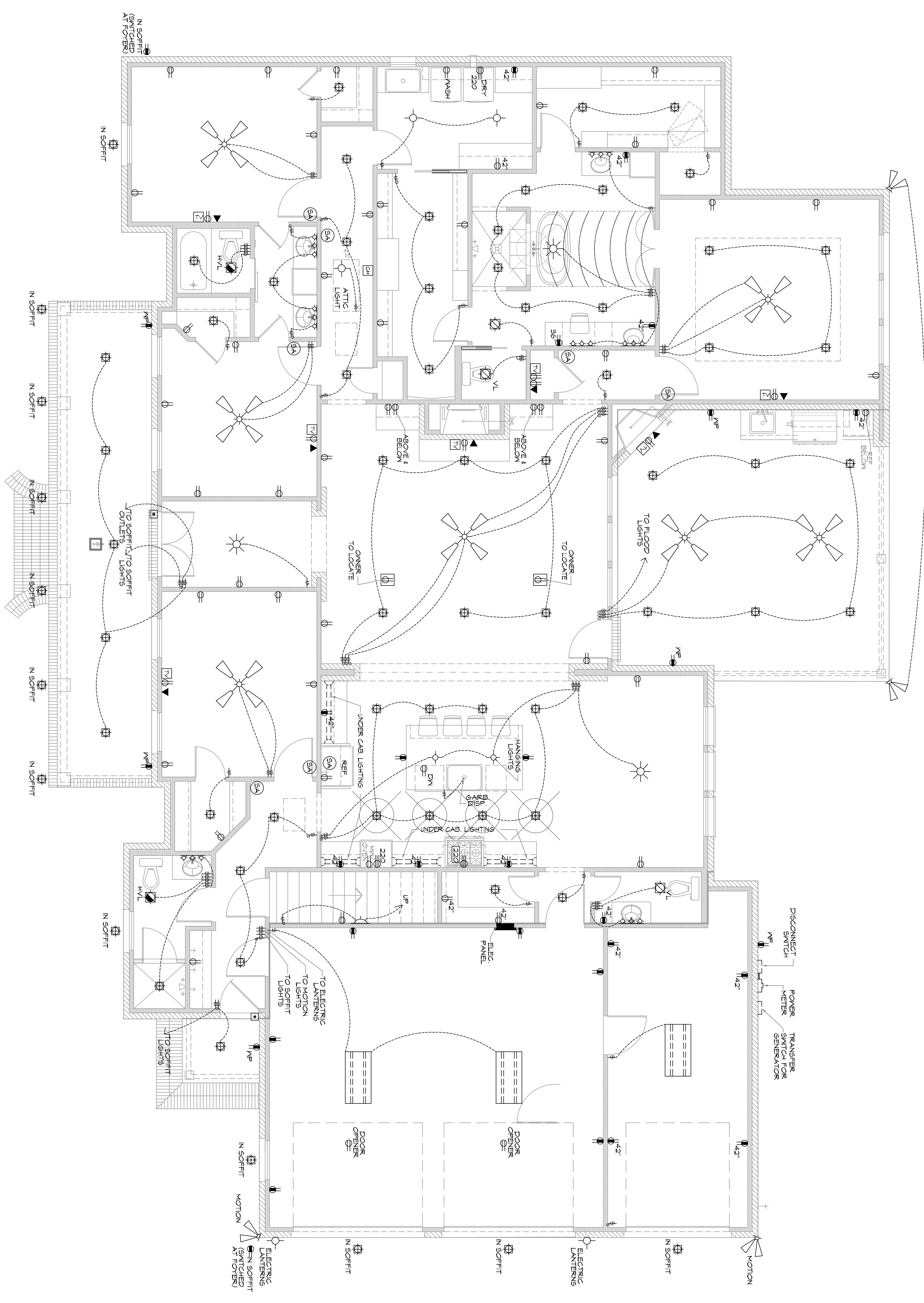


13 ELECTRICAL SCHEMATIC
SCALE: 1/4"=1'-0"



ELECTRICAL SYMBOL LEGEND

	CABLE OUTLET
	TELEPHONE/ ETHERNET OUTLET
	RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDING, DUPLEX
	FLOOR DUPLEX RECEPTACLE
	GROUND-FAULT-CIRCUIT-INTERLUPT RECEPTACLE-USE SQUARE D
	QUICK GUARD FOR MP LOCATIONS
	RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDING
	TOGGLE SWITCH, SINGLE POLE, 15A
	TOGGLE SWITCH, 3 WAY, 15A
	ELEC. DOOR BELL
	DOORBELL CHIME
	DIMMER SWITCH
	LIGHT FIXTURE, INCANDESCENT CEILING MOUNTED
	LIGHT FIXTURE, INCANDESCENT EXTENSION FLOODS
	CEILING FAN W/ LIGHT- PROVIDE SEPARATE SWITCHES FOR F & L
	LIGHT FIXTURE - CHANDELLIER W/ INCANDESCENT BULBS
	LED RECESSED LIGHT
	LIGHT FIXTURE - FLUORESCENT
	SMOKE ALARM - 10V ELEC. W/ CARBON MONOXIDE DETECTOR
	VANITY LIGHT
	HEAT VENT/LIGHT
	VENT/LIGHT ONLY
	SCONCE LIGHT
	ELECTRIC LANTERN

PRE-WIRE FOR THE FOLLOWING:

- TELEPHONE (ONE INCOMING LINE)
- CABLE (VISION ONE OUTLET PER ROOM MINIMUM)
- 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 WIRING 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 OWNER'S 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 43 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
- AFCI 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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REVISIONS	
#	DESCRIPTION



NEW RESIDENTIAL

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DATE: 05-17-2019

JOHN No. 2019

DRAWN BY: JAV

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SHEET NO. 10 of 10