



ELECTRICAL SYMBOLS LEGEND

	DUPLEX OUTLET		1/2 HOT SWITCH
	DUPLEX OUTLET		220 V SWITCH
	DUPLEX OUTLET		WATER PROOF FLOOR OUTLET
	DUPLEX OUTLET		3M DOOR BELL
	DUPLEX OUTLET		GARAGE DOOR OPENER BUTTON
	DUPLEX OUTLET		SMALL HALOGEN LIGHT FIXTURE
	DUPLEX OUTLET		EXHAUST FAN TO OUTSIDE
	DUPLEX OUTLET		PHONE JACK
	DUPLEX OUTLET		THERMOSTAT
	DUPLEX OUTLET		SMOKE DETECTOR
	DUPLEX OUTLET		CLG. FAN FIXTURE
	DUPLEX OUTLET		CLG. FAN WITH LIGHT
	DUPLEX OUTLET		SURFACE MTD LIGHT FIXTURE
	DUPLEX OUTLET		SURFACE MTD LIGHT FIXTURE
	DUPLEX OUTLET		SURFACE MTD LIGHT FIXTURE

GENERAL ELECTRICAL NOTES

ELECTRICAL PLAN IS STRICTLY DIAGRAMATIC. CONTRACTOR TO OBTAIN ENGINEERING WHEN REQUESTED BY BUILDING OFFICIALS. ALL WORK MUST CONFORM TO THE LATEST IBC CODES.

PROVIDE ELECTRICAL SERVICE W/ 2% COPPER GROUND EMBEDMENT W/ 2" CONC. COVER. PROVIDE WATER BAND NEAR BOTTOM OF FOOTING(MIN. 4" AWAY).

ELECTRICAL OUTLETS SHALL BE PLACED NO MORE THAN 2' FROM DOOR OPENINGS & EVERY 12' O.C. NO WALL GREATER THAN 2' SHALL BE WITH OUT ELECTRICAL OUTLETS ARE TO BE PLACED @ COUNTER TOPS GREATER THAN 12" AND PLACED SUCH THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24" FROM AN OUTLET.

KITCHEN TO HAVE (1) 20 AMP CIRCUITS EXCLUSIVE TO KITCHEN & DINING. MICROWAVE TO HAVE A SEPARATE CIRCUIT (WHERE APPLICABLE)

PROVIDE GFI CIRCUITS AT ALL KITCHEN, BATH, GARAGE & OUTSIDE RECEPTACLES

BATHROOM OUTLETS TO BE 20 AMP CIRCUITS, SERVING NO OTHER OUTLETS

PROVIDE ELECTRICAL DISCONNECT AT HVAC UNIT W/ W/400 SERVICE RECEPTACLE WITHIN 25 FEET (VERIFY LOCATION)

LAUNDRY TO HAVE A SEPARATE 20 AMP RECEPTACLE

LOADS SERVING APPLIANCES SHALL NOT EXCEED 80% OF CIRCUIT CAPACITY.

PREWIRE ALL CEILING FANS AS SHOWN.

FLUOR FOR NATURAL GAS(FI USED FOR WHI RAISE FIXTURE IS FROM FLOOR AND PROVIDE VEHICLE BARRIER)

SMOKE DETECTOR TO BE PLACED 3" MIN FROM RETURN AIR VENT, & THE LOCATION OF SMOKE DETECTORS SHALL BE HAZARDOUS WITH BATTERY BACKUP.

VERIFY WITH CONTRACTOR FOR:

SMOKE DETECTORS SHALL BE HAZARDOUS WITH BATTERY BACKUP.

-ANY CHANGES TO THE ELECTRICAL LAYOUT.

REFERENCED LOCATIONS FOR TV, AND PHONE OUTLETS.

VERIFY FOR ANY ADDITIONAL APPLIANCES.

IF GAS IS NOT USED, SUPPLY SUFFICIENT CIRCUITS FOR APPLIANCES.

PROVIDE ELECTRICAL DISCONNECT TO HVAC UNIT AND A SERVICE REG. ON SUPPLY SIDE AND WITHIN 25' OF UNIT.

ALL BRANCH CIRCUITS THAT SUPPLY 125 VOLT SINGLE-PHASE, 15 AMP AND 20 AMP RECEPTACLES IN RESIDENTIAL UNITS BEDROOMS SHALL BE PROTECTED BY A COMBINATION TYPE RESIDUAL CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

ESSENTIAL FACE PLATE GROUNDING: SNAP SWITCHES, INCLUDING DIMMER AND SIMILAR CONTROL SWITCHES, SHALL BE EFFECTIVELY GROUNDING AND SHALL PROVIDE A MEANS TO GROUND METAL FACE PLATES, WHETHER OR NOT A METAL FACE PLATE IS INSTALLED.

FOUNDATION ELECTRICAL PLAN
SCALE-1/4"=1'-0"

RESIDENCE FOR:
BILL ULLERY
3830 HUFFINE MILL RD.
#8 APPLE FARM ACRES
GIBSONVILLE, N.C. 27249

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DATE: 11/18/16
DRAWN BY: JIM WEISNER
REVISID: 11/23/16
FOUNDATION ELECTRICAL PLAN
SHEET: 8
SCALE: SHOWN