

**ELECTRICAL NOTES**

1. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE AND SHALL ALSO COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF LOCAL AND STATE LAWS AND ORDINANCES.
2. ELECTRICAL CONTRACTOR SHALL ARRANGE FOR ALL NECESSARY PERMITS, LICENSES, UTILITY COORDINATION, AND INSPECTIONS AS REQUIRED BY THE CITY, COUNTY, OR UTILITY COMPANY. OWNER WILL PAY FEES. CONTRACTOR IS RESPONSIBLE FOR ALL EQUIPMENT REQUIRED BY UTILITY COMPANY AND SHOULD INCLUDE NECESSARY COSTS IN BID.
3. COORDINATE FINAL OUTLET LOCATIONS WITH OWNER.
4. ALL NEW EXTERIOR RECEPTACLES TO BE RECESSED.

**GROUNDING:**

1. THE INTERIOR ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY BONDED AS REQUIRED BY NATIONAL ELECTRICAL CODE. ALL METALLIC RACEWAYS SHALL BE MECHANICALLY AND ELECTRICALLY BONDED AT ALL JOINTS AND AT ALL BOXES, CABINETS, FITTINGS AND EQUIPMENT.

**OUTLET BOXES / DEVICES:**

1. COORDINATE DEVICE AND COVER PLATE COLORS WITH ARCHITECT/OWNER.
2. ALL OUTLET BOXES SHALL BE RIGIDLY MOUNTED AND SHALL BE EQUIPPED WITH SUITABLE SCREW FASTENED COVERS. OPEN KNOCKOUTS OR HOLES IN BOXES SHALL BE PLUGGED WITH SUITABLE BLANKING DEVICE.
3. OUTLET BOXES LOCATED ABOVE CEILING SHALL BE LEGIBLY IDENTIFIED WITH BRANCH CIRCUIT NUMBER OF CIRCUIT TERMINATED WITH-IN BY MEANS OF BLACK PERMANENT MARKER.

**LIGHTING FIXTURES:**

1. THE CONTRACTOR SHALL INSTALL COMPLETE IN ALL RESPECTS ALL LIGHTING FIXTURES LISTED IN THE FIXTURE SCHEDULE OR SHOWN ON THE PLANS AS WELL AS THOSE PROVIDED BY OWNER.
2. THE CONTRACTOR SHALL SUBMIT CATALOG CUTS OF ALL THE FIXTURES TO THE ARCHITECT / OWNER.
3. ALL FIXTURES SHALL BE PROPERLY AND CAREFULLY SUPPORTED AND ALIGNED, AND THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY STEEL SHAPES, ETC., FOR SUPPORT OF FIXTURES AS REQUIRED AND DETAILED ON THE DRAWINGS. PROVIDE INDEPENDENT SUPPORT SYSTEM FROM STRUCTURE TO SUPPORT ALL CEILING MOUNTED LIGHTS.
4. LIGHTING FIXTURES SHALL BE CLEAN AND LAMPED WITH NEW LAMPS AT THE TIME OF FINAL INSPECTION.
5. COORDINATE ALL LOCATIONS OF LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS.

**ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION
	EQUIPMENT CONNECTION (VERIFY SIZE, TYPE, AND LOCATION W/ EQUIPMENT SUPPLIER.)
	SAFETY DISCONNECT (VERIFY SIZE, TYPE, AND LOCATION W/ EQUIPMENT SUPPLIER.)
	220V OUTLET FOR RANGE AND DRYER
	110V DUPLEX WALL OUTLET MOUNTED 16" A.F.F. OR AS NOTED
	110V QUAD WALL OUTLET MOUNTED 16" A.F.F. OR AS NOTED
	WATERPROOF DUPLEX GFI RECEPTACLE MOUNTED 16" A.F.F. OR AS NOTED
	DUPLEX GFI RECEPTACLE MOUNTED 16" A.F.F. OR AS NOTED
	110V DUPLEX FLOOR OUTLET MOUNTED 16" A.F.F. OR AS NOTED
	COMBINATION SMOKE / CARBON MONOXIDE DETECTOR PER FBCC 315, LIFE SAFETY 101 AND NFPA 70
	TELEPHONE OUTLET. (CAT-5 WIRING) COORDINATE LOCATION W/ OWNER.
	TELEPHONE / DATA OUTLET. (CAT-5 WIRING) COORDINATE LOCATION AND NUMBER W/ OWNER.
	CABLE OUTLET. COORDINATE LOCATION AND NUMBER W/ OWNER.
	EXHAUST FAN
	EXHAUST FAN / LIGHT COMBO
	24" SURFACE MOUNTED LED FIXTURE.
	48" SURFACE MOUNTED LED FIXTURE.
	RECESSED CAN LIGHT W/ LED LAMP, RATED FOR DAMP LOCATIONS
	RECESSED CAN LIGHT W/ LED LAMP
	WALL MOUNTED FIXTURE W/ LED LAMP. (EXTERIOR GRADE FIXTURE RATED FOR WET AREAS WHERE REQUIRED)
	SURFACE MOUNTED FIXTURE W/ LED LAMP. (EXTERIOR GRADE FIXTURE RATED FOR WET AREAS WHERE REQUIRED)
	SURFACE MOUNTED FAN / LIGHT (W/ LED LAMP). PROVIDE BLOCKING BY HUNTER.
	FLOOD LIGHTS (W/ LED LAMP) CONNECTED TO SWITCH & MOTION SENSOR.
	LIGHT SWITCH MOUNTED 48" A.F.F. OR AS NOTED
	3-WAY LIGHT SWITCH MOUNTED 48" A.F.F. OR AS NOTED
	4-WAY LIGHT SWITCH MOUNTED 48" A.F.F. OR AS NOTED

NOTE: PER NEC 2018 240.2(A) WHERE REQUIRED, ALL 15A OR 20A, 120V BRANCH CIRCUITS IN DWELLING UNITS SUPPLYING OUTLETS IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN, BEDROOMS, BATHROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS MUST BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

**REVISIONS**

NO.	DATE	DESCRIPTION

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**ELECTRICAL**  
 POWER & LIGHTING PLAN

**A New Residence for  
 Harper / Adkins  
 14720 NE 248th Ave.  
 Fort McCoy, FL 32134**

DATE	12/18/18
JOB	D_18017
DRAWN BY	JG
JAD	8
E100	OF
	8
Permit Set	

**Power & Lighting Plan**  
 SCALE 1/4" = 1'-0"

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