



BASEMENT ELECTRICAL PLAN

ELECTRICAL LEGEND						
SYMBOL	DESCRIPTION	VOLT	WATT	WIRES	OUTLET	REMARKS
⊖	DUPLEX RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>WP</sub>	OUTSIDE DUPLEX RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>R</sub>	REFRIGERATOR RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>W</sub>	WASHER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>D</sub>	DRYER RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊖ <sub>R</sub>	RANGE RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊖	DUPLEX REC. SPLIT CIRCUIT	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>DW</sub>	DISH WASHER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖ <sub>FR</sub>	FREEZER RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊖ <sub>GFCI</sub>	GROUND FAULT CIRCUIT INTERRUPTER	120	1200	2#12+	5-15 R	
⊖	FAN RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
☎	PHONE					
☎	CABLE OUTLET					
☎	BROADBAND CABLE					
*	SATELLITE CABLE					
⊖	SMOKE ALARM RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖	BELL/BUZZER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖	PUSH BUTTON RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊖	FILING CABINET	1200		2#12+	↓ 5-15 R	
⊖	PRESSED AIRING OUTLET	120	1200	2#12+	↓ 5-15 R	
⊖	VACUUM OUTLET	120	1200	2#12+	↓ 5-15 R	
⊖	MOTION SENSOR LIGHT	120	1200	2#12+	↓ 5-15 R	
⊖	1-4' FLUORESCENT	120	1200	2#12+	↓ 5-15 R	
⊖	2-8' FLUORESCENT	120	1200	2#12+	↓ 5-15 R	
⊖	FAN LIGHT COMBO					
S	SINGLE POLE SWITCH	120	1200	2#12+	↓ 5-15 R	
S <sub>3</sub>	THREE WAY SWITCH	120	1200	2#12+	↓ 5-15 R	
S <sub>4</sub>	FOUR WAY SWITCH	120	1200	2#12+	↓ 5-15 R	
☐	POWER PANEL					
☐	CIRCUIT BREAKER PANEL					50 CIRCUIT BREAKERS
M	METER BASE					
☒	BASEBOARD HEATER	120	1200	2#12+	↓ 5-15 R	
⊖	THERMOSTAT					

- GENERAL ELECTRICAL NOTES:**
- SERVICE SIZE TO BE 200 AMPS WITH A 50 CIRCUIT BREAKER PANEL. SERVICE BREAKER RATING TO BE 200 AMPS. HOT CONDUCTORS TO BE 2-#1R90 (XLPE) COPPER (BLACK, RED OR BLUE). NEUTRAL CONDUCTOR TO BE 1-#4R90 (XLPE) COPPER (WHITE). SERVICE CONDUIT TO INSIDE TO BE 1 1/4" IN DIAMETER. SERVICE GROUNDING CONDUCTOR TO BE MINIMUM #4 BARE COPPER.
  - ALL WORK TO CONFORM TO PROVINCIAL ELECTRICAL CODE & LOCAL CODE & BYLAWS.
  - ALL ABOVE COUNTER RECEPTACLE TO BE 12" ABOVE TOP OF COUNTER. WASHER & DRYER OUTLETS TO BE BEHIND MACHINES 2" MAX. ABOVE FLOOR. ALL OTHER WALL PLUGS & PHONE OUTLET TO BE 1" ABOVE FLOOR. ALL SWITCHES & THERMOSTATS TO BE 4' ABOVE FLOOR.

SAMPLE RIGHT CAD DESIGN

NOTE: ALL DIMENSIONS ARE TO BE VERIFIED ON SITE BY GENERAL CONTRACTOR. IT IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS & SPECIFICATIONS ON THIS SET OF PLANS BEFORE STARTING CONSTRUCTION. LOCAL BUILDING CODES AND PRACTICES APPLY. LICENSING BOARD OF ELECTRICAL ENGINEERS OF ONTARIO. LICENSING BOARD OF ELECTRICAL ENGINEERS OF ALBERTA. LICENSING BOARD OF ELECTRICAL ENGINEERS OF MANITOBA. LICENSING BOARD OF ELECTRICAL ENGINEERS OF SASKATCHEWAN. LICENSING BOARD OF ELECTRICAL ENGINEERS OF BRITISH COLUMBIA. LICENSING BOARD OF ELECTRICAL ENGINEERS OF QUEBEC. LICENSING BOARD OF ELECTRICAL ENGINEERS OF NEW BRUNSWICK. LICENSING BOARD OF ELECTRICAL ENGINEERS OF NEWFOUNDLAND AND LABRADOR. LICENSING BOARD OF ELECTRICAL ENGINEERS OF PEI. LICENSING BOARD OF ELECTRICAL ENGINEERS OF ATLANTIC PROVINCES.

LOG BUILDER: ELK RIDGE  
CLIENT: ELK RIDGE  
TITLE: BASEMENT ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"  
DATE: MAY 28, 2008  
DRAWN BY: C.C.  
CHECKED BY: C.C.

REVISION: REV. 1  
REV. 2  
REV. 3

DESCRIPTION: BASEMENT ELECTRICAL PLAN

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