



**ELECTRICAL PLAN**  
NOT TO SCALE

ELECTRICAL SYMBOL LEGEND			
	= 48" FLOURESCENT LIGHTING FIXTURE	AFCI	= ARC FAULT CIRCUIT INTERRUPTER
	= MISC. LIGHT FIXT.	WP	= WEATHER PROOF
	= STANDARD CEILING LIGHTING FIXTURE OR CHANDELIER		= 110V DUPLEX OUTLET AFCI, UNLESS NOTED
	= EXTERIOR LIGHTING FIXTURE - WEATHERPROOF		= 110V DUPLEX OUTLET AFCI, UNLESS NOTED (SPECIAL HEIGHT NOTED)
	= RECESSED (CAN) CEILING LIGHTING FIXTURE		= 110V DUPLEX OUTLET GROUND FAULT CIRCUIT INTERRUPTER TYPE
	= SGL. POLE LIGHT SWITCH.		= 220V VOLT OUTLET ( 4 WIRE )
	= THREE-WAY SWITCH.		= FAN LOCATION ( CEILING )
	= FOUR-WAY SWITCH.		= FAN LOCATION ( EXHAUST )
	= SMOKE & CARBON MONOXIDE DETECTOR (SEE NOTES)		

#### ELECTRICAL PLAN NOTES

- ALL INSTALLATIONS ARE PER NAT'L. ELECTRIC CODE (NEC) 2008.
- ALL RECEPTACLES, UNLESS NOTED OTHERWISE, SHALL BE ARC FAULT CIRCUIT INTERRUPTER (AFCI) TYPE. ALSO, RECEPTACLES, UNLESS NOTED, SHALL BE TAMPER RESISTANT.
- GROUNDING OF ELECTRICAL SYSTEM SHALL BE BY "UFER" STYLE GROUNDING METHOD TO REINFORCING ROD IN CONCRETE FOUNDATION FOOTING (NEC 250.52 - GROUNDING ELECTRODES).
- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- ELECTRICAL CONT'R SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- ENTRY OF SERVICE ( UNDERGROUND OR OVERHEAD ) TO BE DETERMINED BY POWER COMPANY.
- TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION 2008.
- CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- LOW VOLTAGE ITEMS (TELEPHONE, CATV, DATA CABLING) IS SHOWN, IF REQUESTED BY OWNER / BUILDER. CONSULT OWNER FOR REQUIREMENTS IF NOT SHOWN ON ELECTRICAL PLAN.
- ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS. THEY SHALL ALSO PROVIDE CARBON MONOXIDE DETECTION.

**A-4**

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