ELECTRICAL AND MECHANICAL NOTES

ELECTRICAL REQUIREMENTS

ALL EXISTING AND PROPOSED ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUBCONTRACTOR. THIS CONTRACTOR SHALL WIRE ALL EQUIPMENT REQUIRING POWER OR LOW VOLTAGE CONNECTIN AS REQUIRED FOR PROPER FUNCTION. ALL WORK SHALL BE INCLUDED THAT IS SPECIFIED AS WELL AS ANY WORK REQUIRED TO PROPERLY COMPLETE THE PROJECT.

ANY ELECTRICAL FIXTURES REQUIRED BUT NOT SPECIFIED SHALL BE CARRIED AT A PURCHASE ALLOWANCE OF $50 APIECE

ALL WIRING SHALL BE COPPER AND SIZED AS REQUIRED BY THE ELECTRICAL CODE.

HEATING & VENTILATING

PROVIDE $\frac{1}{2}$" THICK FIBERGLASS INSULATION ON ALL PIPING. PLUMBING SUBCONTRACTOR TO MAKE WATER SUPPLY CONNECTINS AND GAS CONNECTIONS ONLY.

PROVIDE ALL DUCTING AND RELATED WORK FOR BATHROOM FANS, KITCHEN EXHAUST, DRYER VENT, OVEN VENT, BOILER, ETC. AND PROPER CONNECTION OF SAME

THIS SUBCONTRACTOR SHALL SUBMIT DIAGRAMS DEPICTING ALL DUCT SIZING AND LOCATIONS. INCLUDED SHALL BE SPECIFICATIONS FOR EQUIPMENT PROPOSED. INSTALLATION MAY START ONLY UPON ARCHITECT'S APPROVAL.

PLUMBING REQUIREMENTS

ALL EXISTING AND PROPOSED PLUMBING WORK SHALL BE THE RESPONSIBILITY OF THE PLUMBING SUBCONTRACTOR. THIS CONTRACTOR SHALL PIPE ALL EQUIPMENT REQUIRING WTER, DRAINAGE OR GAS CONNECTION AS REQUIRED FOR PROPER FUNCTION. ALL WORK SHALL BE INCLUDED THAT IS SPECIFIED AS WELL AS ANY WORK REQUIRED FO PROPERLY COMPLETE THE PROJECT.

WATER PIPING SHALL BE $\frac{3}{4}$" IF SERVING MORE THAN ONE FLOOR. ALL WATER PIPING SERVING ONE FLOOR SHALL BE $\frac{1}{2}$" UNLESS OTHERWISE NOTED.

NO WATER PIPES (DOMESTIC OR HEATING) SHALL BE LOCATED IN EXTERIOR WALLS OR CEILINGS. ALL FIXTURES SHALL HAVE HOT & COLD SHUTOFF VALVES AT THE FIXTURE.

ALL HOT WATER LINES INCLUDING HEATER PIPES SHALL BE INSULATED WITH $\frac{3}{8}$" WALL ARMAFLEX OR EQUAL

INSTALL GAS RANGES, WASHER/DRYER MACHINES AND HOT WATER HEATERS. PROVIDE GAS AND WATER TO GAS FURNACES.

INSTALL DISHWASHER, DISPOSAL, ICEMAKER LINES, AS REQUIRED

FINISH FIXTURES (SINK, SHOWER, TUB, VALVE SETS, TOILET) TO BE REIMBURSED BY OWNER. ALL OTHER ITEMS TO BE SUPPLIED BY PLUMBER.

OWNER TO SUPPLY MAJOR APPLIANCES (REFRIGERATOR, STOVE, OVEN, DISHWASHER, GARBAGE DISPOSAL)

SEE SPECIFICATIONS FOR ADDITIONAL

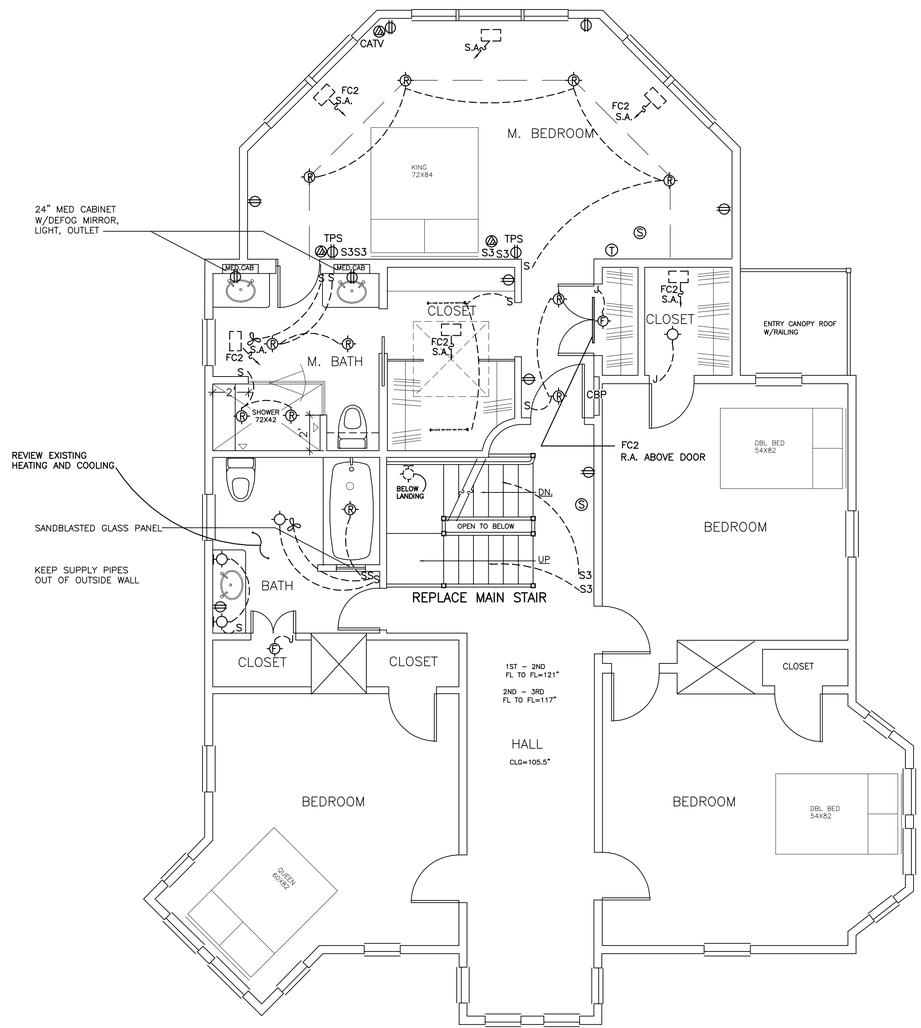
MECHANICAL KEY

R.A.	INDICATES RETURN AIR
S.A.	INDICATES SUPPLY AIR
Z1	INDICATES ZONE 1
Z2	INDICATES ZONE 2
	SUPPLY OR RETURN DUCT IN WALL
	SUPPLY OR RETURN FLOOR REGISTER
	SUPPLY OR RETURN WALL REGISTER
	SUPPLY OR RETURN CEILING REGISTER
	INDICATES SUPPLY OR RETURN AIR
	BURNHAM RADIANT RADIATOR (INDICATES 4" SECTIONS)
	SUPPLY OR RETURN DUCT INDICATED IN CEILING ABOVE
	INDICATES NEW SECTION OF HOT WATER BASEBOARD (STERLING INDUSTRIES KP-50-2)

SEE SPECIFICATIONS FOR ADDITIONAL

ELECTRICAL KEY

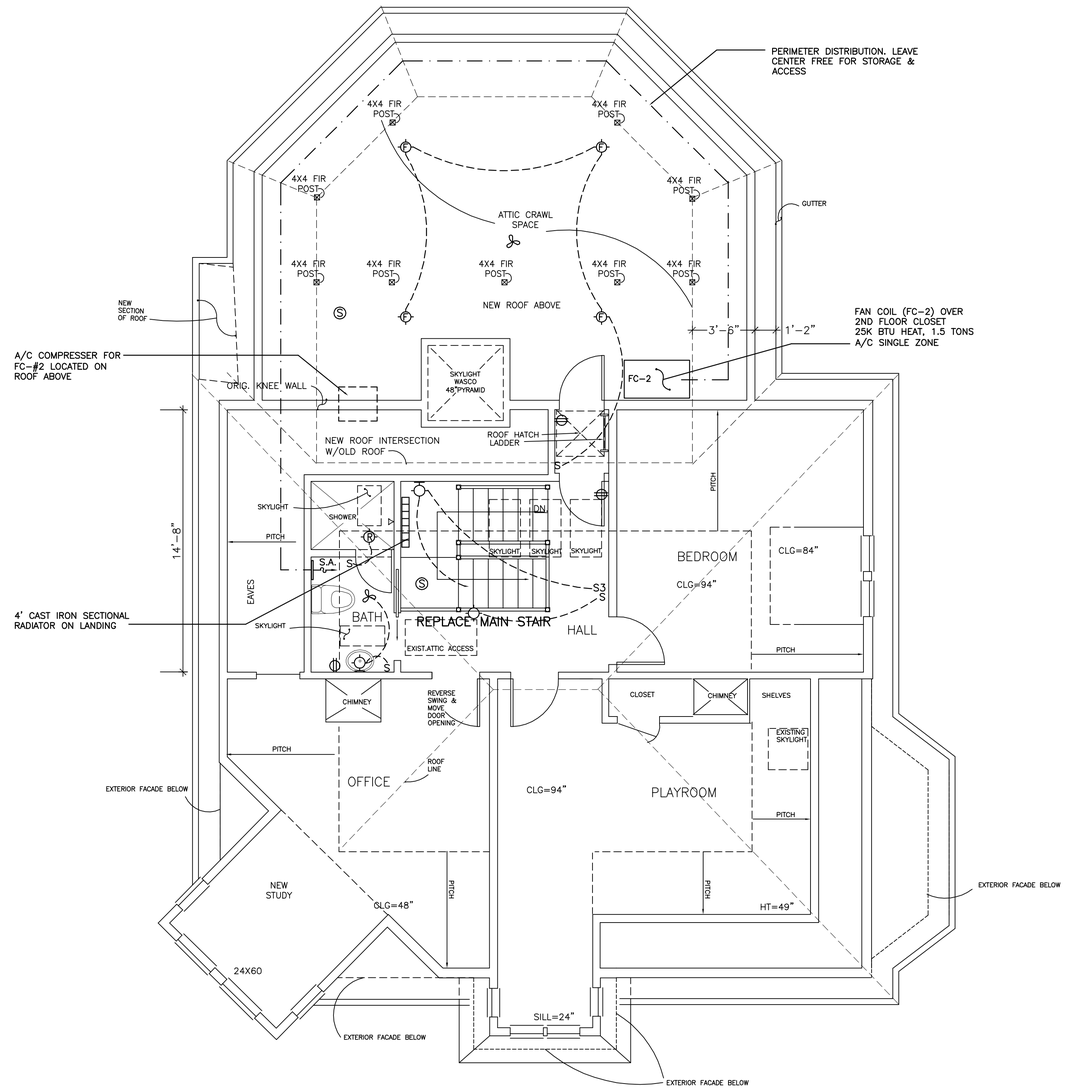
R	RECESSED PL13 FIXTURE
W	4" LOW VOLTAGE RECESSED FIXTURE
	SURFACE MOUNTED CEILING FIXTURE
	GARBAGE DISPOSAL (BATCH FEED)
	EXHAUST FAN (DUCTED TO EXTERIOR)
	15 A DUPLEX RECEPTACLE GROUND FAULT WHERE REQ'D BY CODE
	SURFACE MOUNTED WALL FIXTURE
T	THERMOSTAT
INT	INTERCOM (SEE SPECIFICATION)
	TRACK LIGHTING
F	FLUORESCENT FIXTURE (SURF. TYP) 20W INSTANT START WITH LENS
S	SMOKE DETECTOR (INTERCONNECTED TO SYSTEM)
H	HEAT DETECTOR (INTERCONNECTED TO SYSTEM)
	MODULAR TELEPHONE JACK (TWO LINES)
S	SWITCH
S3	3 WAY SWITCH
J	IN JAMB SWITCH
TPS	TOP PLUG SWITCHED
CBP	FLUSH MOUNTED CIRCUIT BREAKER PANEL
	EMERGENCY EGRESS LIGHTING
CATV	CONNECTION TO PRE-WIRED CABLEVISION



MECHANICAL/ELECTRIC

2ND FLOOR PLAN

1/4" = 1'-0"



MECHANICAL/ELECTRIC

3RD FLOOR PLAN

1/4" = 1'-0"

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