



COMMERCIAL TAKE-OFF SHEET

FOR OFFICE USE ONLY	
SUBMITTAL DATE:	_____
PLAN CHECK#:	_____
TEMPLATE#:	_____

PROJECT ADDRESS	SUITE NUMBER

ELECTRICAL ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
E4	Lighting Fixtures		E7	Outlets and Switches	
E4	New Branch Circuit		E7.1	Multi-Outlet Assembly	
E4.2	Pole Mounted Fixture With Footing		E8	New Illuminated Signs	
E5.7	Motor, Transformer, Heating/Cooling Appliances and Miscellaneous Equipment (KW, HP or KVA):		E9.3	Temporary Power Poles	
	0-1		E9.4	Distribution Poles	
E5.7	2-10		E8.2	Time Clock	
E5.7	11-50		E15	Busway/Cable Tray (Amp/Feet)	
E5.7	51-100		E20	Switchboard/Panelboard: 0-400 Amps	
E5.7	101-500		E20	401-1200 Amps	
E5.7	Over 500		E20	Over 1200 Amps	
E6.5	Service/Meter: 0-400 Amps		E19	Switchboard Over 600 Volts	
E6.5	401-1200 Amps		E33	Solar System (KW)	
E6.5	Over 1200 Amps				
E6.5	Substation Over 600 Volts				



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PLUMBING ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
P2	Plumbing Fixtures: Water Closet		P15	Storm Drainage: Rainwater Drain	
P2	Urinal		P15	Subsurface Drainage System	
P2	Shower, Per Head		P15	Sump Pump	
P2	Bathtub or Combo Bathtub/Shower		P16	Interceptor/Clarifier/Separator	
P2	Kitchen Sink		P17	Repair/Alter to Water Piping	
P2	Lavatory or Other Sink		P18	Repair/Alter to Sewer or Waste/Vent Piping	
P2	Drinking Fountain		P20	Lawn Sprinkler System Connection	
P2	Hose Bibb		P21	Water System: Booster Pump	
P2	Floor Drain		P21	Backflow Device	
P2	Floor Sink		P21	Pressure Regulating Valve	
P2	Trap Primer		P21	Other Water Using Device	
P2	Other: (Specify)		P21	Sewer and Waste: Building Drain	
P3	Dishwasher		P21	Sewage Ejector	
P3	Clothes Washer		P21	Backwater Valve	
P4	Garbage Disposal		P21	Manhole	
P5	Building Sewer Connection		P6	Cesspool/Holding Tank	
P12	Water Heater and/or Vent		P7	Private Sewage Disposal System	
P12	Thermal Expansion Tank		P26	Yard Potable Water Dist. (Linear Feet)	
P33	Solar Water Heating		P26	Yard Recycled Water Dist. (Linear Feet)	
P13	Fuel Gas: Gas Outlets		P27	Yard Gas Dist. (Linear Feet)	
P31	Gas Pressure Regulator		P28	Yard Sewer (Linear Feet)	



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MECHANICAL ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
M2a	Furnaces: Up to 100,000 BTU/h		M8	Each Register/Outlet/Grill	
M2a	Over 100,000-500,000 BTU/h		M8	Repair/Alter Ducts	
M2a	Over 500,000-1,000,000 BTU/h		M10	Install/Relocate Cooling Coil	
M2a	Over 1,000,000-2,000,000 BTU/h		M11	Install/Relocate Reheat Coil	
M2a	Over 2,000,000 BTU/h		M12	Install/Relocate Electric Strip Heater	
M3	Evaporative Cooler		M14	Incidental Gas Piping	
M4	Environmental Vent System: Bathroom		M15	Install/Relocate Suspended Wall/Unit Heater	
M4	Clothes Dryer		M16	Heating Appliance: Fireplace	
M4	Kitchen, Residential		M16	Appliance Vent or Chimney, Listed	
M4	Other: (Specify)		M16	Metal Chimney, Unlisted	
M5	Product Conveying Vent System: Garage		M17	AC/Refrigerator Compressor hp	
M5	Refrigeration Machinery Room		M18a	Air Handling Unit: Up to 2,000 CFM	
M5	Class H Occupancy		M18a	Over 2,000-10,000 CFM	
M5	Fume Hood		M18a	Over 10,000 CFM	
M5	Smoke Control System		M20	Fire Protection Devices: Fire Damper	
M5	Stair Pressurization System		M20	Smoke Damper	
M5	Other: (Specify)		M20	Combo Smoke/Fire Damper	
M6	Commercial Kitchen: Type 1 Hood		M20	Ceiling Radiation Damper	
M6	Type 1 Grease Exhaust Duct		M20	Corridor Damper	
M6	Type 1 Grease Exhaust Fan		M20	Smoke Detector, Duct-Type	
M6	Type 2 Hood		M20	Smoke Detector, Area-Type	
M6	Type 2 Exhaust Duct				
M6	Type 2 Exhaust Fan				