2022 Belmont Reach Code amendments to the 2022 California Green Building Code for Combustion Equipment. Effective January 1, 2023

<u>Commercial</u>

Including, but not limited to:

HVAC, Water Heaters, Gas Dryers, gas range/ovens and any other gas utilization equipment.

5.106.13.2. Requirements for *combustion equipment*. Where *combustion equipment* is allowed per exceptions under Section 5.106.13.1, the construction drawings shall indicate electrical infrastructure and physical space accommodating the future installation of an *electrical heating appliance* in the following ways, as certified by a registered design professional or licensed electrical contractor:

1. Branch circuit wiring, electrically isolated and designed to serve all *electrical heating appliances* in accordance with manufacturer requirements and the California Electrical Code, including the appropriate voltage, phase, minimum amperage, and an electrical receptacle or junction box within five feet of the appliance that is accessible with no obstructions. Appropriately sized conduit may be installed in lieu of conductors; and,

2. Labeling of both ends of the unused conductors or conduit shall be with "For Future Electrical Appliance"; and,

3. Reserved circuit breakers in the electrical panel for each branch circuit, appropriately labeled (i.e. "Reserved for Future Electric Range"), and positioned on the opposite end of the panel supply conductor connection; and,

4. Connected subpanels, panelboards, switchboards, busbars, and transformers shall be sized to serve the *future electrical heating appliances*. The electrical capacity requirements shall be adjusted for demand factors in accordance with the California Electric Code; and

5. Physical space for future *electrical heating appliances*, including equipment footprint, and if needed a pathway reserved for routing of ductwork to heat pump evaporator(s), shall be depicted on the construction drawings. The footprint necessary for future *electrical heating appliances* may overlap with non-structural partitions and with the location of currently designed *combustion equipment*.