



Project Name: BIG TREE BBQ

PZ # 25-12000012

ADDRESS: N. POWERLINE RD. BETW. NW 4TH CT & NW 5TH ST. (484233020220)

To: Diego Guevara

City of Pompano Beach – Zoning Division

Re: Sustainable Development Options – Nonresidential Projects (Table 155.5802)

Response to Comment 68: Provide a narrative explaining how the project will achieve the 12 points required for nonresidential developments. See Table 155.5802 Sustainable Development Options and Points.

In accordance with the requirements for nonresidential developments under Table 155.5802, the project will achieve a minimum of twelve (12) Sustainable Development points through the following measures:

1. Efficient Water Heating – At least seventy-five percent (75%) of the hot water demand for the premises will be met through the use of tankless water heating systems. This requirement is being incorporated into the mechanical design using 100% tankless option by our engineering team. **(2 points)**
2. Hurricane Resistant Structures – The principal structure will be designed and constructed to meet wind load requirements exceeding 150 mph. **(4 points)**
3. Infill Development – The project qualifies as infill development, utilizing an existing urbanized site and supporting smart growth principles. **(4 points)**

4. White roof – Roofing materials will be white in color to reduce heat gain and improve building energy efficiency. **(2 points)**

In addition to the measures listed above, the building design maximizes window placement along the northern façade to optimize natural daylighting while minimizing heat gain. This design strategy is expected to further reduce the reliance on artificial lighting, potentially earning additional points under the natural lighting criteria.

Also, as far as Efficient Cooling Systems, the RTU is not energy star certified, however it exceeds all ASHRAE 90.1 energy requirements which exceed energy star requirements.

Based on the above commitments and additional information, we anticipate that the project will receive the twelve (12) points and may achieve additional points pending final verification.

Sincerely,

Stacey Boynton