



March 10, 2022

This is regarding the roof replacement at 20 Calhoun Street in Bluffton. The area above the main living quarters has a 3-tab shingle roof but there is a porch roof that is attached and joins into the shingle roof. The shingle roof is on an approximately 4/12 roof pitch, but the porch roof area is at .25/12 roof pitch (almost flat). The roof we are replacing at this residence is over the porch area. We are proposing to remove the existing built-up asphalt roof system and install a new TPO membrane roof. There are very limited options we have when installing roofs on a .25/12 roof pitch. Asphalt shingles are not permitted to be installed on less than a 3/12 and metal roof panels are not recommended to be installed on this pitch either.

TPO roof membranes are made to be installed on low slope roof systems such as this one. I am attaching pictures of the existing roof over the deck area where we are proposing to install the TPO roof membrane. The shingle roof will not be replaced during this roofing work.

Thank you for your consideration of this alteration.



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