

February 23, 2021

Re: John Knox Village – Meadows Phase II Response to Comments

BHC Rhodes has received your comments dated 02/19/2021 and have the following responses:

COMMERCIAL FINAL DEVELOPMENT PLAN APPLICANT'S LETTER REVIEW

ENGINEERING REVIEW COMMENTS

1. Please refer to the previous applicant letter concerning the pavement typical section. The estimate shows the correct thickness of asphaltic concrete, but the detail was not updated on either of the typical sections (medium or heavy duty).

The details have been revised accordingly. Sorry for that oversight.

FIRE REVIEW COMMENTS

2. All issues pertaining to life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures, and premises, and to the safety to fire fighters and emergency responders during emergency operations, shall be in accordance with the 2018 International Fire Code.

Acknowledged.

3. IFC 507.1 - An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction. Confirm there is adequate fire flow for the size of building and type of construction. Local amendment to Table B105.2 only allows for a 50% reduction in fire flow for a fully sprinklered building.

Based on the construction type and square footage and allowing for a 50% reduction, the required fire flow amounts to 2,125 GPM. The recent fire flow test at the adjacent fire hydrant showed a flow at 20 PSI of 2,832 GPM as documented on sheet FP0.1 of the building plans.

If you have any further questions, feel free to contact me at 913-663-1900 or by email at eric.byrd@ibhc.com

Sincerely,



Eric Byrd, P.E.

Senior Project Engineer