November 25, 2025

Ivins City

Attn: Chuck Gillette

Re: Mojave Village Preliminary Plan Issues

Chuck,

Please add the following to the Preliminary Plan submittal for Mojave Village:

Drainage

The site is located on expansive soils. We have requested that Chris Volksen from GTS provide a letter stating that the site be exempt from LID storage requirements.

Solid Waste

Using an online solid waste calculator, a site with 160 units (average of 3.5 people per unit) will produce 246 tons of solid waste per year. On average, one cubic yard of solid waste is 0.15 tons, which is equal to 1,640 cubic yards of solid waste per year. This equates to 31.5 cubic yards per week. Assuming the dumpsters are 6 cubic yards, the onsite solid waste capacity is 24 cubic yards. Based on this, it is recommended that the dumpsters be dumped twice per week. This schedule will also allow for a higher volume of solid waste generation, should that occur.

Sincerely,



Brett Henke, PE
Kuma Engineering Company