



April 8, 2025
AVO 37449.004

Ms. Ramie Hammonds
Development Services Director/Building Official
City of Sanger
201 Bolivar Street
P.O. Box 1729
Sanger, Texas 76266

Re: Sanger Daycare – Construction Plans Review

Dear Ms. Hammonds,

Halff was requested by the City of Sanger to review the Construction Plans for Sanger Daycare. The submittal was prepared by Allison Engineering Group and was received March 25, 2025.

We have completed our review and offer the following comments:

Please address comments on attached markups and provide annotated responses on markups. Please note, not all comments may be written on letter since some comments are easier to show and explain on the markups. Please annotate markup with responses. Please note additional comments may be provided in subsequent reviews once additional data/responses are received.

General Comments

1. Approval pending. A drainage study should be included showing all the appropriate calculations. The hydrology model and all appropriate supporting files should be included with the submittal package.

Construction Plan Comments

Cover Sheet:

1. Inlet calculations and STM line sheets are not included. Please provide.

Drainage Area Map:

2. Please further divide the offsite area as shown on the attached markups.
3. Please add a point of hydrologic analysis at the existing culvert under S 2nd St.
4. Calculations should be provided for existing culverts showing that appropriate capacity exists.

Grading Plan



5. If natural ditch is to be replaced by improved flume, the flow from the 100-year flood must be contained within the improved channel while allowing for one (1) foot of freeboard. Please revise design to account for this. See § 10.106(d)(9)(B)(ii)
6. Please provide an explanation of the context in which these rational method calculations are applicable. Additionally, an increase in discharge is noted. Please demonstrate that this increase does not cause any adverse impacts to adjacent properties.
7. The approved drainage system shall provide for positive overflow at all low points. The system shall be designed for the 10-year with 100-year positive overflow in streets such that the depth of flow in the street does not exceed the top of curb. Also provide the velocity in the pipe, the discharge velocity and the hydraulic gradient calculations and grade line.
8. It appears that no outlet is provided for the revised channel along the south side of the improvement. How does it drain? Please revise or clarify.

If you have any questions or need additional information, please do not hesitate to call me at (214)-937-3921.

Sincerely,

HALFF

TBPELS Firm No. 312

A handwritten signature in black ink, appearing to read "Yangbin Tong", written over a horizontal line.

Yangbin Tong, PE, CFM