

JUL 26 2021

Approved
Approved issuance of permit

REQUEST FOR AGENDA PLACEMENT FORM

Submission Deadline - Tuesday, 12:00 PM before Court Dates

SUBMITTED BY: David Disheroon **TODAY'S DATE: 07/20/2021**

DEPARTMENT: Public Works

SIGNATURE OF DEPARTMENT HEAD: _____

REQUESTED AGENDA DATE: 07/26/2021

SPECIFIC AGENDA WORDING:

Review of drainage study for MHC Kenworth South Fort Worth project at 5001 South Interstate 35W, by Half Engineering and Consideration of Recommendations.

PERSON(S) TO PRESENT ITEM: David Disheroon

SUPPORT MATERIAL: (Must enclose supporting documentation)

TIME: 10 minutes **ACTION ITEM:** X

WORKSHOP _____

(Anticipated number of minutes needed to discuss item) **CONSENT:** _____

EXECUTIVE: _____

STAFF NOTICE:

COUNTY ATTORNEY: _____ **IT DEPARTMENT:** _____

AUDITOR: _____ **PURCHASING DEPARTMENT:** _____

PERSONNEL: _____ **PUBLIC WORKS:** X _____

BUDGET COORDINATOR: **OTHER:** _____

*****This Section to be Completed by County Judge's Office*****

ASSIGNED AGENDA DATE: _____

REQUEST RECEIVED BY COUNTY JUDGE'S OFFICE _____

COURT MEMBER APPROVAL _____ Date _____



July 22, 2021
AVO 32083

Larry Woolley, Commissioner
Johnson County, Precinct 4
4300 E. FM 4
Cleburne, TX 76031

Re: MHC Kenworth – Flood Study Review #1

Dear Mr. Woolley:

The site plans and flood study by TNP for the referenced project were received by Halff Associates, Inc. on June 29, 2021. Notice to proceed with the review was received on July 8, 2021. Our comments are as follows:

1. Please provide a digital copy of the referenced PondPack model for the proposed detention pond.
2. Please specify the source of rainfall data used in runoff calculations.
3. Halff reviewed the drainage area delineations based on Johnson County LiDAR. It appears that the size of proposed drainage area DA-2B, which drains to the proposed pond, was significantly overestimated. See attached markups. Please revise the delineations to more accurately reflect topographic data.
4. The existing pond which receives runoff from drainage area OS-1 appears to provide significant storage. It has a footprint of approximately 1.5 acres. The proposed site fills in approximately 20% of this existing pond. Please account for the pre- and post-project detention capacity of this pond in the analysis and report.
5. The proposed detention pond receives runoff from a small portion – approximately 20% - of the proposed development. The proposed pond appears to have significant unutilized storage capacity. Since there is an increase in runoff at DP-2, we recommend that, if possible, the on-site storm drains be revised to re-direct a greater area to detention, whether at the current proposed location, or at a more optimal location if needed.
6. Please ensure that the applicable notes and restrictions on drainage easements are included on the plat and/or accompanying sheets as outlined in the Subdivision Rules and Regulations of Johnson County (hereafter referred to as SRRJCO), Section IV.C.
7. Please provide drainage easements for proposed outfalls per SRRJCO, Appendix A, Section E.
8. Please include an erosion control plan for the proposed drainage plan, ensuring compliance with SRRJCO, Appendix A, Section E.8
9. Since this development is greater than 5 acres, it falls under the “large construction site” category as defined by TCEQ and will need to comply with the Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit Number TXR150000.



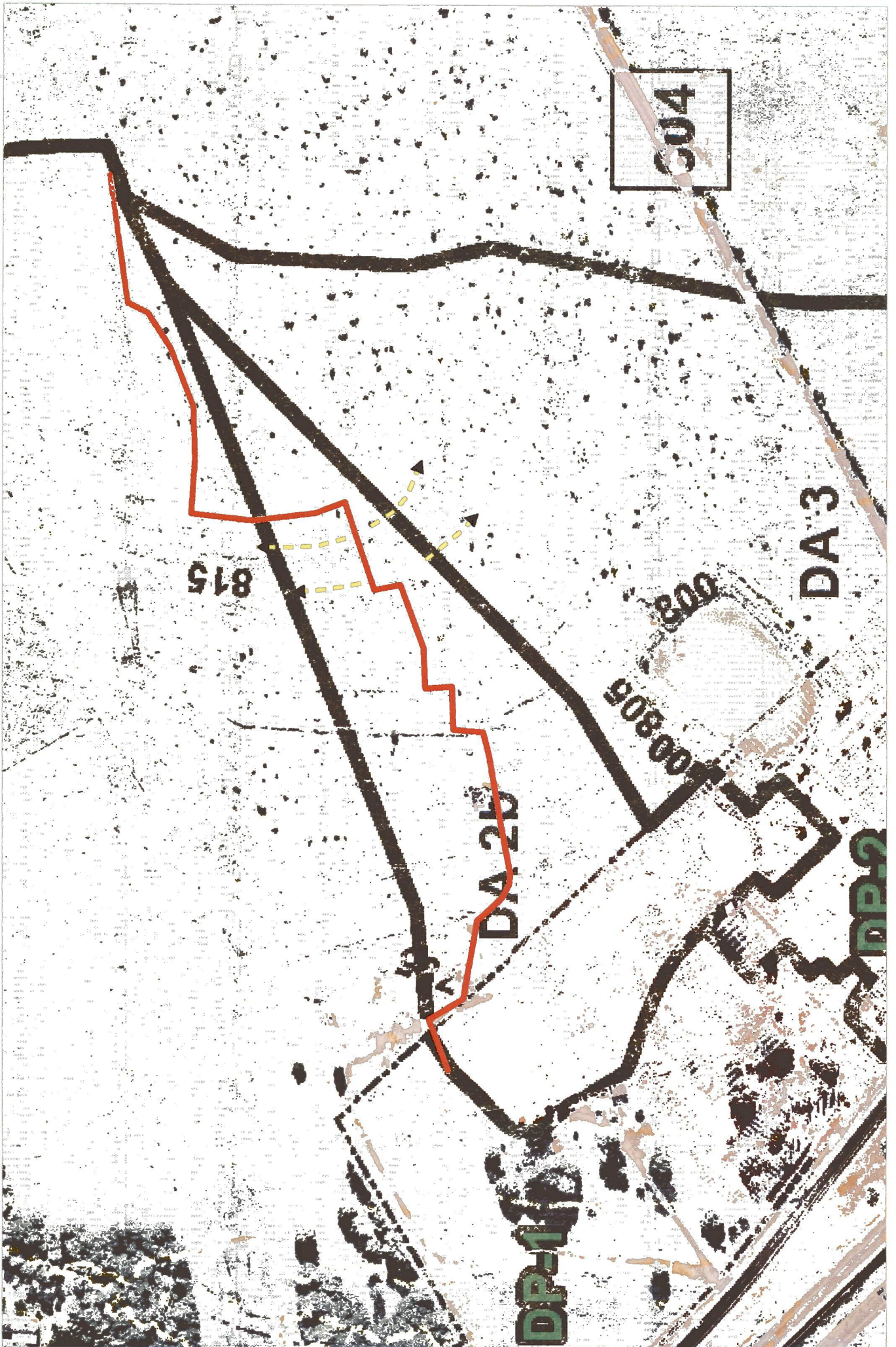
Please provide a written response to the above comments with the next submittal. Items revised in response to these comments may generate additional comments.

If you have any questions or need additional information, please do not hesitate to call me at (817) 764-7481, or Ben Pylant at (817) 764-7488.

Sincerely,
HALFF ASSOCIATES, INC.
TBPE Firm No. 312

A handwritten signature in blue ink, appearing to read "Randy Dueck".

Randy Dueck, P.E., CFM



C04

815

808

00806

DA 2B

DA 3

DP-1

DP-2