



9900 Northwest Freeway
Houston, Texas 77092
713-684-4000
www.hcfdc.org

January 15, 2014

Mr. Brian Whitney, P.E.
LAN, Inc.
2925 Briarpark Drive
Houston, TX 77042

RE: Project No. 2023971
Briar Branch Storm Water Detention Basin – Report Amendments
Tax Increment Reinvestment Zone (TIRZ) No. 17
City of Houston
HCFCD Unit W140-01-00 (Briar Branch); KM 450X; Pct. 4

Dear Mr. Whitney:

The Flood Control District has reviewed the submitted report pursuant to the HCFCD Policy, Criteria, and Procedure Manual. This review addresses issues regarding hydraulic and hydrologic drainage design criteria only. Design criteria regarding the site layout of the proposed development and drainage facilities will be reviewed upon submittal of site plans.

Our understanding of the report is described below.

Submitted Report

Briar Branch Stormwater Detention Basin
(HCFCD Unit W140-01-00)
Report Amendments
Tax Increment Reinvestment Zone No. 17
November 2013

Consulting Engineer The Report was prepared by:

LAN, Inc.
2925 Briarpark Drive
Houston, TX 77042
Derek St. John, P.E.
TX P.E. # 96623

Project Type

The submittal consists of an amendment to the Impact Analysis Report prepared for the Memorial City Redevelopment Authority (MCRA) Tax Increment Zone No. 17 (TIRZ No. 17) for the construction of a regional detention basin located on W140-01-00 (Briar Branch) east of Bunker Hill Road.

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Project Type Continued The Impact Analysis Report was submitted to the Harris County Flood Control District (HCFCD) and approved on May 28, 2013. This amendment reflects minor updates to the report related to the expected change of impervious area for a small tract of land adjacent to and contributing to the basins.

HCFCD Jurisdiction The proposed development outfalls directly into HCFCD right-of-way; therefore, HCFCD criteria will apply.

Report's Findings The report states, *"This change in basin volume allocation will not modify the modeling or the results previously submitted in the approved impact analysis. The subject site was accounted for with a change from existing conditions to a fully developed condition in the proposed conditions model"*.

HCFCD Technical Review HCFCD offers the following:

The report includes statements that the project will cause no adverse impact to the receiving waterways in storm events up to and including the 100-year event. The documentation within the report generally supports the conclusions stated by the engineer. Based on the stated conclusions, HCFCD interposes no objection to the referenced report. Please note: This acceptance does not necessarily mean that the entire report, including all supporting data and calculations, has been completely checked and verified. However, the report is signed, dated, and sealed by a Professional Engineer licensed to practice in the State of Texas, which therefore, conveys the licensed engineer's responsibility and accountability.

Please note: HCFCD signature approval of the design plans must be obtained prior to initiation of construction of this project.

Additional HCFCD Criteria

Site plans must be submitted to HCFCD for review and signature.

All work proposed within existing and future HCFCD right-of-way must be designed and constructed in accordance with the HCFCD Policy, Criteria, and Procedure Manual.

The proposed detention basin must be designed and constructed in accordance with the HCFCD Policy, Criteria, and Procedure Manual in order for the basin to be eligible for HCFCD acceptance for maintenance.

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LAN, Inc.

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**Additional
HCFCF Criteria
Continued**

A geotechnical slope stability report must be submitted to HCFCF prior to plan approval for new or modified channels or detention basins intended to be maintained by HCFCF. Specific geotechnical criteria are presented in the HCFCF Policy, Criteria, and Procedure Manual.

**Environmental
Review &
Permitting**

The Harris County Flood Control District's Environmental Department requires that the U.S. Army Corps of Engineers be contacted to determine if a permit is required for any portions of this project located within any existing or proposed HCFCF right-of-way. The type of permit required (if any) must be stated on the site plans. Actual copies of approved Corps of Engineers permits necessary for work within HCFCF rights-of-way must be submitted with the HCFCF permit application and be given to the HCFCF Property Management Department at least 48 hours prior to construction.

Please also note that the City of Houston is the Floodplain Administrator for the receiving waterways. The project is located in the Briar Branch (W140-01-00) Watershed, just upstream of the FEMA study limits per Flood Insurance Rate Panel 48201C0645L, June 18, 2007. All issues regarding local floodplain regulations must be coordinated through the City of Houston.

Thank you for your correspondence. Should you have any questions, please do not hesitate to contact me at 713-316-4871.

Sincerely,



Herb Herndon
Buffalo Bayou Watershed Coordinator
Watershed Management Department

CWW:HEH:tw

cc: Jamila Johnson, P.E., CFM, City of Houston
Derek St. John, P.E., LAN, Inc.