City of Fayetteville Staff Review Form

2019-0692

Legistar File ID

11/19/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

	ı	N/A for Non-Agenda Item		
Alan Pugh		10/31/2019	0/31/2019 ENGINEERING (621)	
Submitted By		Submitted Date	Division / Department	
	Acti	on Recommendation:		
Approval of Flood Insurance Rate M Martin Luther King Blvd and S Stadi Prevention, of the Unified Develop	um Drive (College Branch) in accordance w		
		Budget Impact:		
Account Number			Fund	
Project Number			Project Title	
Budgeted Item?	Yes	Current Budget	\$	0.00
•		Funds Obligated	\$	-
		Current Balance	\$	0.00
Does item have a cost?	No	Item Cost		
Budget Adjustment Attached?	NA	Budget Adjustment		
-		Remaining Budget	\$	0.00
Purchase Order Number:		Previous Ordinance o	or Resolution #	V20180321
Change Order Number:		Approval Date:	_	
Original Contract Number:				

Comments:



CITY COUNCIL MEMO

MEETING OF NOVEMBER 19, 2019

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff

Garner Stoll, Development Services Director

Chris Brown, City Engineer

FROM: Alan Pugh, Staff Engineer

DATE: October 31, 2019

SUBJECT: Approval of Flood Insurance Rate Map Revisions based on studies provided by a

proposed project located near W Martin Luther King Blvd and S Stadium Drive (College Branch) in accordance with Chapter 168, Flood Damage Prevention, of

the Unified Development Code.

RECOMMENDATION:

Approval of Flood Insurance Rate Map Revisions based on studies provided by a proposed project located near W Martin Luther King Blvd and S Stadium Drive (College Branch) in accordance with Chapter 168, Flood Damage Prevention, of the Unified Development Code.

BACKGROUND:

Chapter 168, Flood Damage Prevention, of the Unified Development Code (UDC) regulates development within the Special Flood Hazard Area (SFHA). This regulation includes several provisions that limit the development in areas designated as Zone A due to the approximate nature of the flood zone. With the Zone A areas there is no detailed engineering study to determine the location of the floodway, and the floodplain is simply approximated using several different techniques by FEMA.

Chapter 168 does, however, allow for the applicant to perform a detailed flood study and provide that with the application process for review. If the City is in agreement, the ordinance also allows for this study to be adopted and treated as the regulatory SFHA within the area of concern. In these areas, this newly adopted floodplain based on a more detailed analysis is then treated as a Zone AE, base flood elevation determined. Specifically, this provision is found within Section 168.10, item (f) as noted below:

- (f) In all areas designated as a Zone A on the FIRM where a detailed study has not been completed to specify the floodway and base flood elevations, no building or fill shall be located within a distance of two and one-half (2½) times the width of the stream measured from the top of the bank to the top of bank, or 25 feet on each side, whichever is greater.
- (i) Provided, the applicant may choose if not required by other provisions of this chapter, to provide a detailed hydrologic and hydraulic study which delineates the floodway, one hundred

(100) year floodplain boundary, and base flood elevations. At such time a study is provided and adopted by ordinance, the applicant shall meet all requirements for areas designated with floodway, one hundred (100) year floodplain, and base flood elevations.

DISCUSSION:

The proposed detailed study provides additional technical information in determining the extent of the floodplain and floodway as required by the ordinance. While it has not been through the official FEMA review, it does represent the best available information to the community at this time and can be adopted as noted in Chapter 168 of the UDC. At such time that a revised FIRM from FEMA is adopted it would supersede the attached exhibits when they are adopted by the City.

With the referenced section of stream, the applicant has chosen to provide a detailed study at their expense in accordance with Chapter 168. This would allow them to utilize the more detailed information in the same way that others developing near already studied streams can utilize the requirements of the AE zone outlined in Chapter 168. As noted in Chapter 168, before this can be recognized it must be adopted by ordinance before the applicant can be issued a floodplain development permit and proceed with the proposed project. Given that, staff has worked with the applicant and reviewed the proposed flood study with exhibits.

The applicant will also provide evidence that they have notified any impacted property owners upstream or downstream of the proposed development. Those owners will be given the opportunity to voice their opinions on the proposed change by contacted staff or attending the public hearing.

BUDGET/STAFF IMPACT:

There is no budgetary impact except for the staff time spent in review of the proposed project and development of the ordinance information.

Attachments:

Proposed Flood Map Exhibits

<u>RECOGNIC CONTROL</u>
ALL PROJECTS IN THE COTY OF FANETITIMLE MUST IMPLEMENT AND FOLION THE GUIDELINES OF SECTION B.2. EROSCIN, RANGE, AND SEMBINIC CONTROLS FOR CONSTRUCTION STITS, CONTAINED WITHIN THE CITY'S DRAINING CRITERIA MANUAL REVIOUS ATTUM OF DISTURBED MELAS SHALL BE PERFORMED AS SOON AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES AS IS PROCEDULE. THE MELA OF DISTURBED AS IT MAY ONE THIS SHALL BE LIMITED TO 20 ARCHIVES NO ACTIONAL MACE AS THE PROCEDULE OF THE PROCE REVEDETATION SHALL BE REQUIRED TO MEET THE FOLLOWING PERFORMANCE STANDARDS PRIOR TO ISSUANCE OF THE FINAL PLAT OR CERTIFICATE OF OCCUPANCY:

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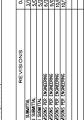
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SITE DISTURBANCE NOTE: 0.60 ACRES OF THE PROJECT SITE WILL BE DISTURBED





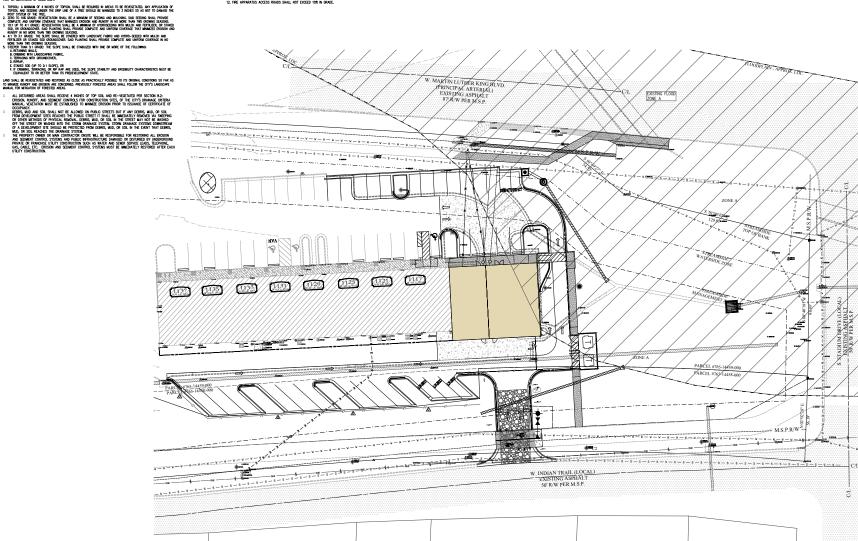


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