MINUTES
FLOOD CONTROL DISTRICT ADVISORY COMMITTEE/PUBLIC REVIEW
February 15, 2012

Committee Members Present: Keith Brann, Marcela Fontes, Paul Jungen, Doug Shakel, Linwood Smith, Justin Turner; Mike Zeller

Flood Control District Staff Present: Suzanne Shields, Director; Bill Zimmerman, Deputy Director; Tamara Jorde, Special Staff Assistant; Andy Seiger, Civil Engineering Manager; Eric Shepp, Floodplain Division Manager

Others Present: Bob Bolt, Applicant/Representing Property Owner; Yash Desai, Fireside Engineering Company; Diane Luber, Pima County Communications; John Partridge, Stantec Consulting; Jim Vogelsberg, City of Tucson

The meeting was held at 97 E. Congress Street, Tucson, Arizona, 3rd Floor Conference Room.

APPROVAL OF MINUTES
The committee approved the meeting minutes of January 18, 2012.

QUERY TO THE AUDIENCE
No business.

Sitting as the Technical Review Committee

Technical Appeal and Variance Request for Properties Located at 10385 and 10395 South Nogales Highway, Sitting as the Flood Control District Advisory Committee
Neither the applicant nor the engineer of record was present for the technical review; therefore, the committee opted to review the technical appeal as we did not receive a request for continuance.

Eric Shepp gave a brief synopsis for the denial:

> On behalf of the property owner, Obed Castro, and Yash Desai submitted two FPUP applications for the placement of single-family residences on the subject properties. After six different submittals, we finally arrived at a floodplain delineation that meets standard modeling criteria for both the existing conditions floodplain, and the post-development floodplain. Evaluation of this data revealed that the properties were being proposed in a location that was not compatible with Section 16.26.050.G.1 of the Floodplain and Erosion Hazard Management Ordinance. This section establishes that habitable structures are prohibited in floodprone areas where the flood depth times the square of the flow velocity exceeds values of 18 for more than 30 minutes. As such, the Floodplain Administrator denied the FPUP applications.
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> Upon appeal to the Chief Engineer for relief of this requirement, additional considerations were evaluated including the accommodations already made by the Floodplain Administrator, the poor floodplain management planning that had occurred in the area, and the lessons learned from the 2005 flood in the area that resulted in the evacuation of 200 people and the loss of access for a significant duration. The Chief Engineer upheld the decision of the Floodplain Administrator.
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> Yash appealed the Chief Engineers decision to the Board. Due to the complex technical nature of this case, the Chief Engineer referred the appeal to the Advisory Committee.

Note: Yash Desai arrived at 8:19 a.m.

Mr. Desai handed out and reviewed a synopsis of the facts including two maps of the subject parcels and a letter dated August 18, 2011from Andy Seiger, Civil Engineering Manager, Floodplain Management Division.

Note: Bob Bolt, applicant (representing Obed Castro, property owner) arrived at 8:39.

Andy Seiger presented further clarification:

> Regarding the aerial photo included as the 14th sheet in the information packet distributed to the committee, this aerial photo is in color, is a reduced in size copy of an original document at a stated scale of 1 inch = 100 feet, and shows parcel boundaries, the location of the proposed fill pad (yellow rectangle), the HEC-RAS cross sections, the 100-year floodplain limits from the HEC-RAS model, and areas with $dV^2 > 18$ and $Y > 3$ feet as identified from the HEC-RAS model. In this aerial photo, the two parcels in question are in the center of the sheet; the southern parcel is shown to contain the proposed fill pad (yellow rectangle), and the northern parcel is north of, and contiguous with, the southern parcel.
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> District staff pointed out that, in previous discussions between District staff and the engineer (Mr. Desai) for the parcel owner, it was agreed that the two parcels would be recombined and then split in a north-south direction (Exhibit B) instead of the east-west split (Exhibit A) shown in the aerial photo. The purpose of this change was to reduce the obstruction to flood flow due to placing a fill pad on both parcels. By splitting the combined parcel in a north-south direction, the fill pads could be aligned in a series configuration, which would reduce by half the width of obstruction of the fill pads to the flood flow.
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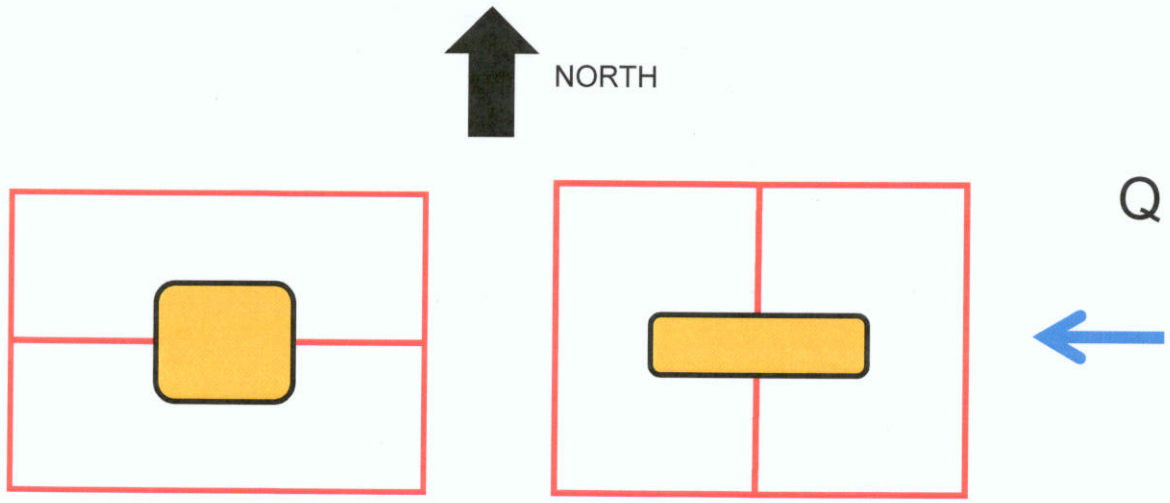
> District staff further pointed out that with this proposed re-splitting and reconfiguration of the fill pads, the encroachment criteria of the Floodplain and Erosion Hazard Management Ordinance was still exceeded, but by less. The owner's engineer responded to this condition by proposing to provide additional flow conveyance along the north side of the proposed fill pads. The additional conveyance was to be created by excavating an area between the north edge of the fill pad and the north property line of the northern parcel (under the re-split configuration). The conveyance area was to be 80 feet wide and 6 inches deep. This area was then to be placed in a dedicated private drainage easement.



Based on the information presented, a motion was made to uphold the Chief Engineer's decision to deny the FPUP applications. The motion was seconded.

NEW BUSINESS

2012 FCDAC Officers
The committee voted unanimously to retain last year's officers:

Keith Brann, Chairman
David Pfordt, vice Chairman
Linwood Smith, 2nd Vice Chairman

CONTINUING BUSINESS

Regulatory Updates

Upper Santa Cruz River Pre-discovery Meeting
The next meeting is February 16, 2012. An update will be given to the committee at the March 21, 2012 meeting.

REPORT FROM FLOOD CONTROL DISTRICT STAFF

Mike Zeller requested that the District update the discharge values. Bill Zimmerman stated that the District is currently updating the values.

BOS Action
No discussion.

CALL TO THE AUDIENCE
No business.

AGENDA ITEMS – MARCH 21, 2012 MEETING

Regulatory Updates
a. Upper Santa Cruz River Discovery Meeting Update
b. State/County Lot Splitting Requirements

The meeting adjourned at 9:51 a.m.