

CITY OF ALBUQUERQUE



March 2, 2015

Joel Hernandez, P.E.
Tierra West, LLC
5571 Midway Park PL NE
Albuquerque, NM 87109

**Re: Heritage Marketplace
Engineer's Stamp Date 2-20-15 (H09D024)**

Dear Mr. Hernandez,

Based upon the information provided in your submittal received 2-20-15, the above referenced report cannot be approved for Site Plan for Building Permit action by the DRB until the following comments are addressed:

1. The impervious area used in the calculation of the first flush is low by a couple acres. The sum of the A basins – A3 + Basin B3= 6.6 acres, rather than the 4.5 used in the report. This results in a first flush volume of 8195 cu. ft.
 2. Hydrology does not agree that stormwater control measures are incorporated in the design to the extent practicable as basins B3, A6 and A5 are directly connected to the storm drain. It may be difficult to capture the first flush from Basin A6; however the first flush runoff from Basin B3 and A5 could be captured in Pond #2. Per our meeting on 2-25-15, the building can be relocated, if necessary, to accommodate adequate ponding.
 3. This plan proposes a fueling station. Runoff from the pump area is to be treated by an oil/water separator prior to leaving the area.
 4. The Conceptual Grading Plan shows Basin A2 as two basins. Show the basin divide and account for it in the report. This area could drain to Pond 2 and should not propose retention for flood control purposes.
 5. It would be beneficial to submit a separate conceptual plan for Pad Site C. A separate plan was included with the DRB submittal, yet this plan was not submitted to Hydrology for review.
 6. The report and plan propose that flows from Basin A2 are detained in Pond 1, which is on another site. This means the pond(s) and possibly the drainage outfall for the anchor store will have to be complete prior to approving the Certificate of Occupancy for Pad Site C and Pond 1 will be part of the drainage plan for Pad Site C. Are you sure you want to do this?
 7. Provide orifice calculations to support the stage discharge curve used in AHYMO.
 8. Pipe inverts are to be above the first flush volume.
- If you have any questions, you can contact me at 924-3986.

Sincerely,


Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Dept.

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