

CITY OF ALBUQUERQUE



July 3, 2012

Gerald Parker, P.E.
Bohannon Huston, Inc.
7500 Jefferson NE
Albuquerque, NM 87109

**Re: Balloon Fiesta Park Tribute Area, Grading and Drainage Plan
Engineer's Stamp Date -no stamp- (B17/D001)**

Dear Mr. Parker,

Based upon the information provided in your submittal received 7/2/12, the above referenced plan cannot be approved for Grading Permit or Paving Permit until the following comments are addressed:

- Grading and drainage plans are to be stamped and signed by a Professional Engineer registered in the state of New Mexico.
- Basin A appears to be larger than what is proposed due to flows from south and east of the project area. Does the building drain north?
- The swale in the middle (main swale) of the site should drain under the sidewalk and bike path (?) and be hard-lined to the AMAFCA channel. AMAFCA may have additional criteria for this since the channel is AMAFCA's. Provide calculations for this drainage facility.
- AMAFCA approval is required.
- Provide a detail of the main swale similar to the 6' and 8' wide swales. *sw culv.*
- Why does the area between the drainage swales and the sidewalk drain over the sidewalk? This area could be graded to drain to the swale.
- Show the property line(s) on the grading and drainage plan. Is a portion of the sidewalk built in AMAFCA ROW?
- The plan would be easier to review if some key elevation points (swale inverts, channel inlet, etc...) were on the grading and drainage plan rather than in a points table on a different sheet.
- The submittal should be accompanied by a Drainage and Transportation Information Sheet. Check with BHI's development group.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Dept.
Development and Building Services

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2012)

PROJECT TITLE: Balloon Fiesta Park Tribute Area ZONE MAP: B17/D001
 DRB#: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: _____
 CITY ADDRESS: _____

ENGINEERING FIRM: Bohannon Hudson Inc CONTACT: Gerald Parker
 ADDRESS: 7500 Jefferson St NE PHONE: 823-1000
 CITY, STATE: ABQ NM 87109 ZIP CODE: _____
 EMAIL: g.parker@bhinc.com ?

OWNER: COA Parks CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: _____ CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____
 EMAIL: _____

SURVEYOR: _____ CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:
☐ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st SUBMITTAL
☐ DRAINAGE PLAN RESUBMITTAL
☒ CONCEPTUAL G & D PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERT (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT
☐ ENGINEER'S CERT (TCL)
☐ ENGINEER'S CERT (DRB SITE PLAN)
☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL SOUGHT:
☐ SIA/FINANCIAL GUARANTEE RELEASE
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY (PERM)
☐ CERTIFICATE OF OCCUPANCY (TEMP)
☒ GRADING PERMIT APPROVAL
☒ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ GRADING CERTIFICATION
☐ OTHER (SPECIFY) SO-19 _____

WAS A PRE-DESIGN CONFERENCE ATTENDED:
☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 7-2-12 BY: BH, CC

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

June 27, 2012

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

Mr. Curtis Cherne, P.E.
City Hydrologist, Section Manager
City of Albuquerque
600 2nd Street NW
Albuquerque, NM 87103

Re: Balloon Fiesta Park Tribute Area
Hydrology and Hydraulic Calculations
BHI Project No. 20130081

Dear Mr. Cherne:

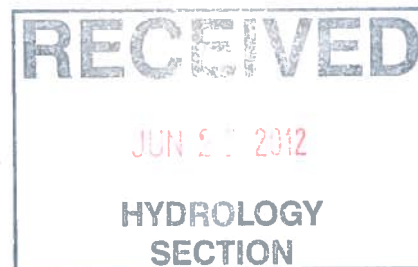
We are pleased to submit the results from our drainage analysis for the Balloon Fiesta Park Tribute Area Project. We have included the 95% civil plans, a drainage basin map, hydrology calculations and hydraulic calculations for the proposed swales. The hydrology calculations were performed using the COA Development Process Manual Section 22.2. Please review the attached documents and let me know if you have any comments or questions. You can contact me or Erin Canfield, our design engineer on the project, at 505-823-1000.

Sincerely,



Gerald Parker, P.E.
Project Manager
Municipal Engineering Group

GKP/ec
Enclosures



Engineering ▲

Spatial Data ▲

Advanced Technologies ▲