CITY OF ALBUQUERQUE



April 13, 2015

David Thompson, P.E. Thompson Engineering Consultants, Inc. PO Box 65760 Albuquerque, NM 87193

RE: Lot 24, Block 18, University Heights, 201 Princeton Drive SE Grading and Drainage Plan Engineer's Stamp Date 3-24-2015 (File: K16-D082)

Dear Mr. Thompson:

Based upon the information provided in your submittal received 3-24-15, the above referenced plan cannot be approved for a Building Permit until the following comments are addressed:

- 1) Label the area of the new building addition on the plan view, and label the existing building. Show property lines and actual basin boundary line on the plan view. Label the public alleyway.
- 2) As a result of the added impervious area, address first flush management as required per the COA Drainage Ordinance which is defined as 0.34" times the impervious area. Also, show all roof drains for the new building. It looks like there is opportunity to retain first flush volumes either immediately north of the new building or south of the building within the proposed swale. Show first flush computations.
- 3) For the 100-year hydrologic calculations, label "Existing Total Runoff" and "Proposed Total Runoff". Also, within the legend, show legend for new concrete, existing building, new building, and existing spot elevations.
 - 4) In the discussion for Developed Drainage Conditions, address the site's ultimate discharge into the storm drain in Silver Avenue.
 - 5) Provide a detail for the swale along the south side of the new building and its connection to the public alleyway and/or Princeton Drive, and provide more spot elevations for this swale. Show all existing curb as applicable in these areas. In the discussion for developed drainage conditions, address any impact of on-site drainage to the property south of the new development. If some of the on-site drainage is discharged to Princeton Drive, address this in the write-up.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

6) Provide width of public alleyway on the plan. Include more detail for the proposed driveway, including calling out a width and applicable COA standard drawing details. Showing a top of curb elevation for the new driveway seems to conflict with the driveway location unless this top of curb also represents the flowline. Label the location where new curb ties to existing curb.

If you have any questions, you can contact me at 924-3924.

Sincerely,

Jeanne Wolfenbarger, P.E. Senior Engineer, Planning Dept. Development Review Services

Orig: Drainage file Addressee via Email

DRAINAGE INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: 201 PRINCETON SE	_ZONE MAP/DRG. FILE #: <u>K-16</u>
DRB #:EPC #:	_WORK ORDER#:
LEGAL DESCRIPTION: <u>LOT 24, BLOCK 18, UNIVERSITY HEIGH</u> CITY ADDRESS:	
ENGINEERING FIRM: Thompson Engineering Consultants, Inc. ADDRESS: P.O. Box 65760 CITY, STATE: Albuquerque, NM OWNER: Ron & Virginia Uilke ADDRESS: 2612 Rio Orilla NW	PHONE: 271-2199 ZIP CODE: 87193 CONTACT: Virginia Uilke
CITY, STATE: Albuquerque, NM	ZIP CODE: 87120
ARCHITECT: ADDRESS: CITY, STATE: SURVEYOR: Harris Surveying, Inc. ADDRESS: 2412 Monroe NE, Suite D CITY, STATE: Albuquerque, NM	CONTACT: PHONE: ZIP CODE: CONTACT: Tony Harris PHONE: 889-8056 ZIP CODE: 87110
CONTRACTOR: ADDRESS: CITY, STATE:	PHONE:
CHECK TYPE OF SUBMITTAL: DRAINAGE REPORT DRAINAGE PLAN 1st SUBMITTAL, REQUIRES TCL or eq DRAINAGE PLAN RESUBMITTAL CONCEPTUAL GRADING & DRAINAGE PLAN XX GRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERTIFICATION (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) ENGINEER'S CERTIFICATION(TCL) ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN) OTHER	S. DEV. PLAN FOR SUB'D. APPROVAL S. DEV PLAN FOR BLDG. PERMIT APPROVAL SECTOR PLAN APPROVAL FINAL PLAT APPROVAL FOUNDATION PERMIT APPROVAL XX BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY (PERM.) CERTIFICATE OF OCCUPANCY (TEMP.)
WAS A PRE-DESIGN CONFERENCE ATTENDED: YES XX NO COPY PROVIDED DATE SUBMITTED: March 24, 2015 BY:	Oulf Han
	Plots shall be accompanied by a drainage submittal. The particular

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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 acres
- 2. Drainage Plans: Required for building permits, grading permits, paving permits, and site plans less than five (5)
- 3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or

