

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: kirkpatrick	Building Permit #:	City Drainage #: C17D122	
DRB#: EPC#:		Work Order#:	
Legal Description: B1A5 CLIFFORD INDUSTRIAL PARK			
City Address: 8610 presidents place			
Engineering Firm, RIO GRANDE ENGINEERING		Contact: DAVID SOULE	
Address: PO BOX 93924 AI BUOUEROUE NM 87199			
Phone#: 505.321.9099		E-mail: DAVID@RIOGRANDEENGINEERING COM	
Owner: KIRKPATRICK COMPANY		Contact:	
Address:			
Phone#: Fax#:		E-mail:	
Architect: DAN HERR		Contact:	
Address:			
Phone#: Fax#:		E-mail:	
Surveyor: CONSTRUCTION SURVEY INCORPORATED		Contact: JOHN GALLEGOS	
Address:		E moite	
Phone#: 917.8921 Pax#:		E-mail:	
Contractor:		Contact:	
Address:			
Phone#: Fax#:		E-mail:	
TVPF OF SURMITTAL .	CHECK TVPF OF APPROV	AT /ACCEPTANCE SOUCHT.	
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	SIA/FINANCIAL GUARANTEE RELEASE	
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APP	PRELIMINARY PLAT APPROVAL	
× DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	S. DEV. PLAN FOR SUB'D APPROVAL	
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERM	S. DEV. FOR BLDG. PERMIT APPROVAL	
GRADING PLAN	SECTOR PLAN APPROVAL	SECTOR PLAN APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC) FINAL PLAT APPROVAL	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	CERTIFICATE OF OCCUPANCY (PERM)	
CLOMR/LOMR	CERTIFICATE OF OCCUPA	CERTIFICATE OF OCCUPANCY (TCL TEMP)	
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AF	FOUNDATION PERMIT APPROVAL	
ENGINEER'S CERT (TCL)	× BUILDING PERMIT APPRO	X BUILDING PERMIT APPROVAL	
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRC	VAL SO-19 APPROVAL	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL	
SO-19	WORK ORDER APPROVAL	WORK ORDER APPROVAL ESC CERT. ACCEPTANCE	
OTHER (SPECIFY)	GRADING CERTIFICATIO	N OTHER (SPECIFY)	
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes XNoCo	ppy Provided	
DATE SUBMITTED: 12/22/14	By:		

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

4. Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

December 22, 2014

Ms. Amy Niese Senior Engineer Hydrology Department Public Works Department City of Albuquerque

RE: Revised Grading Plan (C-17D122) Kirkpatrick Warehouse Albuquerque, New Mexico

Dear Ms. Niese:

The purpose of this letter is to accompany the enclosed revised grading plan. The plan has been revised to accommodate your written comments dated 12/18/14. The following is a summary of your comment and the narrative as to how we addressed

- Provide steel plate on culvert.
 We have added the note and SO19 to the plan. The existing culvert extends approximately 5' past the property line
- Add valley gutter detail to plans
 We have added the detail
- 3. Call out curb opening at pond.

We have labeled the opening, and have attached the calculation to demonstrate 2' is adequate for the 1.77 cfs

4. First flush is .34" for the impervious area

The volume retained for this site is governed by the need to reduce flow of the site. The required volume exceeds the volume required for the first flush. We have noted the clarified city requirement and will utilize this amount in all future plans

Should you have any questions regarding this matter, please do not hesitate to call me.

Sincerely,

David Soule, PE RIO GRANDE ENGINEERING PO Box 93924 ALBUQUERQUE, NM 87199 321-9099

CITY OF ALBUQUERQUE



December 18, 2014

Mr. David Soule Rio Grande Engineering PO Box 93924 Albuquerque, NM 87199

Re: Kirkpatrick Warehouse Kirkpatrick Warehouse Drainage Report dated 11-25-14 Kirkpatrick Grading and Drainage Plan with Engineer's Stamp Dated 11-26-14 (C17D122)

Dear Mr. Soule,

Based upon the information provided in your submittal received December 1, 2014, the above referenced plan is not approved for Building Permit until the following comments are addressed:

- 1. Provide a steel plate for the existing culvert draining to the curb per City Standard Drawing 2236 with modified detail B-B. Since this will require work in the ROW, include a SO-19 request and SO-19 language on the plan.
- 2. Add a valley gutter detail to the plan.

PO Box 1293

Albuquerque

- Call out a curb opening where the storm water drains from the valley gutter to the pond inlet.
- 4. For the First Flush, you only need to multiply 0.34 inches times the impervious area of the site not the entire area of the site.

If you have any questions, you can contact me at 924-3994.

New Mexico 8"103

Sincerely,

Amy L. D. Niese, P.E. Senior Engineer, Hydrology Planning Department

www.cabq.gov

C: e-mail

CURB OPENING

Weir Equation:

$$Q = CLH^{3/2}$$

Q=1.52 cfsC = 2.95 H = 0.5 ft L = Length of weir

$$L = \frac{1.77}{2.95(0.5)^{3/2}}$$

L = 1.70 ft Use 2.0 feet for length of weir





4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.







NOTES:

- 1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED. 2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY
- Christopher J. Dehler, NMLS 7923
- 3. ONSITE CURB SHALL BE 6" UNLESS OTHERWISE NOTED 4. ALL POND SHALL BE LINED WITH 6-8" FRACTURED ROCK. LANDSCAPING SHALL BE INSTALLED WITHIN ROCK.



