CITY OF ALBUQUERQUE

Planning Department David Campbell, Director



Mayor Timothy M. Keller

January 25, 2019

Don Briggs, P.E. Don Briggs Engineering, LLC 5324 Oakledge Ct NW Albuquerque, NM 87120

RE: Daniels HVAC 8308 Washington NE Grading Plan Engineer's Stamp Date: 1/15/19 Hydrology File: C17D125

Dear Mr. Briggs,

PO Box 1293 Based on the submittal received on 1/15/19, the Grading Plan is approved for Building Permit.

Prior to Certificate of Occupancy (For Information):

- Albuquerque 1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.
- _{NM 87103} If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

www.cabq.gov

Sincerely,

Dana Peterson, P.E. Senior Engineer, Planning Dept. Development Review Services

City of A Planning Development & Bu DRAINAGE AND TRANSP	Department ilding Services Division PORTATION INFORMATION SHEET (REV 6/2018)
Project Title: Douiels HVAC Building	Permit #: Hydrology File #:
DRB#: EPC#:	Work Order#:
Legal Description: Lot C, Council of A City Address: 8303 Washington	St. NE
Applicant: Doubviggs	Contact: Eugiheen
Address: <u>3324 Oakledge Ct.</u> NI	V. D.1/20
Phone#: <u>505-249-4843</u> Fax#:	E-mail: doubliggeougingening
Other Contact:	Contact:Contact:Countient
Address:	
Phone#: Fax#:	E-mail:
TYPE OF DEVELOPMENT:PLATR	ESIDENCE DRB SITE ADMIN SITE
Check all that Apply:	
DEPARTMENT: 	TYPE OF APPROVAL/ACCEPTANCE SOUGHT: Main BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING? IS THIS A RESUBMITTAL? Yes X No	 PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL CLOMR/LOMR FLOODPLAIN DEVELOPMENT PERMIT OTHER (SPECIFY)
DATE SUBMITTED: <u>1-15-19</u> By: <u>-</u>	Don Dutgge

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED:

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orm	1	ac.	43560	sa ft		Determined by DB		
		Excess	Unit Peak	Runoff	Peak			
Percent	Area (ac.)	Precipitation	Discharge	Volume (ac.	Discharge	Comments		
		(in.)	(cfs/ac.)	Ft.)	(cfs)			
0.00%	0.00	0.53	1.56	0.00	0.00	Natural Ground		
7.57%	0.08	0.78	2.28	0.00	0.17	Landscaped Areas		
63.54%	0.64	1.13	3.14	0.06	2.00	Compacted earth		
28.89%	0.29	2.12	4.70	0.05	1.36	Impervious Areas		
100.00%	1.00	1.39		0.12	3.53			
				5044.09	cu ft			
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1 ac. 43560 sq ft Determined by DB								
		Excess	Unit Peak	Runoff	Peak			
Percent	Area (ac.)	Precipitation	Discharge	Volume (ac.	Discharge	Comments		
		(in.)	(cfs/ac.)	Ft.)	(cfs)			
0.00%	0.00	0.53	1.56	0.00	0.00	Natural Ground		
7.57%	0.08	0.78	2.28	0.00	0.17	Landscaped Areas		

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etention	volume	= 0.42 x	3036.00	sqn	106.26	cu it.				
	WATER QUALITY POND STAGE STORAGE TABLE									
AREA	AVE AREA	DEPTH	VOLUME	TOTAL VOLUME	OVERFLOW ELEVATION	COMMENTS				
(sq ft)	(sq ft)	(ft)	(cu ft)	(cu ft)						
0										
	19	1	19	19						
38										
	88	1	88	107						
138					5115	107 cu ft @ 5115				
-										

 %
 0.57
 1.13
 3.14
 0.05
 1.78

 %
 0.35
 2.12
 4.7
 0.05
 1.68

DRAINAGE NARRATIVE

This grading & drainage plan was prepared to support a building permit application for a new commercial building located at 8308 Washington St. NE. A predevelopment discussion with City Hydrology indicated this property would have free discharge to Washington Street but would need a Water Quality retention pond to meet EPA requirements. This plan was prepared using the hydrology methodology presented in Chapter 22.2 of the City of Albuquerque's Development Process Manual (abbreviated method).

The site is a 1.00 acre parcel located in Precipitation Zone 2 and Floodzone X (Unshaded). It slopes from the east to the west at about 2%. The site is minimally impacted by cross lot runoff from the adjacent properties to the east and south. Washington St. is constructed with curb, gutter and storm drain.

The Water Quality Pond is sized to contain the 90th percentile storm runoff volume based on the added impervious area of the new building.

Total disturbance is expected to be no more than 0.2 acres

GENERAL NOTES Contractor is responsible for utility spots and controlling sediment deposition and erosion during construction.

A concrete washout bin must be provided as per City of Albuquerque MS4 Permit requirements.

All disturbed area due to construction must be reseeded or landscaped following construction.

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DON B Engineer	RIGGS ing LLC 532	505-249-4843 donbriggsengineering@gmail.com 5324 Oakledge Ct. NW, Albuquerque, NM 87120							
TITLE: Daniels HVAC 8308 Washington St. NE Grading & Drainage Plan									
Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.					
City Project No.	Zone Map	No.	Sheet	Of					