Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

December 15, 2015

Troy Kelts, P.E. Merrick & Company 5970 Greenwood Plaza Blvd Greenwood Village, CO 80015

RE: Chick-fil-A on Eubank 210 Eubank Blvd. NE

Requested for Permanent C. O. - Accepted Engineers Stamp Date 3/20/15 (L21D045B)

Dear Mr. Kelts,

PO Box 1293

Based on the Certification received 12/10/2015, the Chick-fil-A is acceptable for permanent release of Certificate of Occupancy by Hydrology.

Albuquerquer you have any questions, you can contact me at 924-3686 or Totten Elliott at 924-3982.

Sincerely,

New Mexico 87103

Abiel Carrillo, P.E.,

www.cabq.gov Principal Engineer, Planning Department

Development and Review Services

TE/AC C: File Planning Department Suzanne Lubar, Director

Mayor Riehard J. Berry

December 15, 2015

Troy Kelts, P.E.
Merrick & Company
5970 Greenwood Plaza Blvd
Greenwood Village, CO 80015

RE: Chick-fil-A on Eubank
210 Eubank Blvd. NE
Requested for Permanent C. O. - Accepted
Engineers Stamp Date 3/20/15 (L21D045B)

Dear Mr. Kelts,

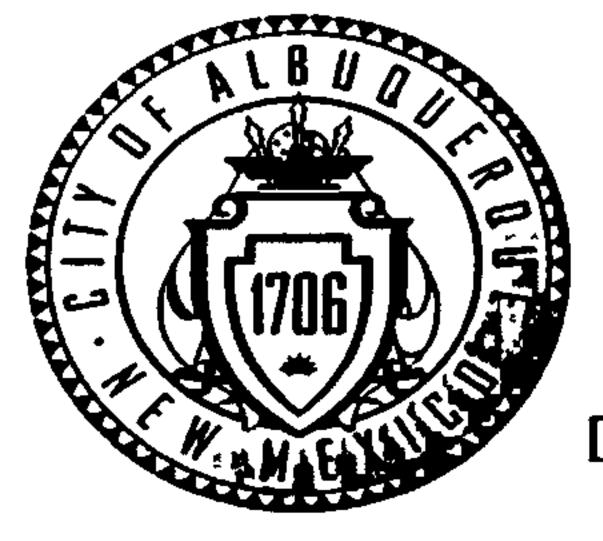
Based on the Certification received 12/10/2015, the Chick-fil-A is acceptable for permanent release of Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3686 or Totten Elliott at 924-3982.

Sincerely,

Abiel Carrillo, P.E.,
Principal Engineer, Planning Department
Development and Review Services

TE/AC C: File



# City of Albuquerque

## Planning Department

## Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Chick-fil-A at Central & Eubank	Building Permit #:	City Drainage #: L21D045E
	EPC-40027	Work Order#:
Legal Description: See Attached		
City Address: 210 Eubank Blvd SE		
		O Tues 1/2 a 14 a
Engineering Firm: Merrick & Company  5070 Company	1 77:11 00 00015	Contact: Troy Kelts
Address: 5970 Greenwood Plaza Blvd, Greenwoo		Comile translate (a) ma amisale a ama
Phone#: 303-751-0741 Fax#: 303-	<u>-752-4451</u>	E-mail: troy.kelts@merrick.com
Owner: Chick-fil-A		Contact: Don Ikler
Address: 15635 Alton Parkway, Irvine, CA 303	49-2732	
Phone#: 404-305-4407 Fax#:		E-mail: don.ikeler@chick-fil-a.com
Architect: CRHO		Contact: Jose Carlos de la Vega
Address: 195 South "C" Street 200, Turstin, CA	92780	
Phone#: 714-832-1834 Fax#:		E-mail: Carlos@CRHO.com
Surveyor: Fierro & Company		Contact: Robert Fierro
Address: 6300 Montano Rd, Albuquerque, NM.	87120	
Phone#: 505-352-8930 Fax#:		E-mail: robertfierro.fc@gmail.com
Contractor: Panterra. Construction		Contact: Heather Hager
Address: 14901 Quor mi Drive, Suite 320, Dalla	as. Texas 75254	
	-375-7341	E-mail: hhager@panterraconstruction
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APP	
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERM	IT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL	1 1 20 mg
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	10 Land 11011
ENGINEER'S CERT (HYDROLOGY)	X CERTIFICATE OF OCCUPA	ANCY-(FOL TEMP) MENT SECTION
CLOMR/LOMR	CERTIFICATE OF OCCUPA	ANCY (FOL TEMP) MICH SECTION
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AF	PROVAL
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	<del></del>
SO-19	WORK ORDER APPROVAL	
OTHER (SPECIFY)	GRADING CERTIFICATIO	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No Co	opy Provided
DATE SUBMITTED: <u>12/9/2015</u>	By: Troy D. Kelts	

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

## **LEGAL DESCRIPTION**

A certain tract of land within Section 28, Township 10 North, Range 4 East, N.M.P.M., City of Albuquerque, Bernalillo County, New Mexico, being and comprising Tract B-1-A-2, as the same is shown and designated on the Plat of Tracts B-1-A-1 and B-1-A-2, VIDEO ADDITION filed in the Office of the County Clerk of Bernalillo County, New Mexico on August 5, 2014 in Book 2014C, page 80, as Document No. 2014061733 and being more particularly described by New Mexico State Plan Grid Bearings (NAD83 Central Zone) and ground distances as follows:

BEGINNING at the northwest corner of the tract herein described, also being a point on the westerly boundary of said Tract B-1A-1 and the easterly right-of-way line of Eubank Boulevard SE, WHENCE the northwest corner of said Tract B-1-A-1 bears N00°55'43"E a distance of 55.75 feet;

THENCE leaving the easterly right-of-way line of Eubank Boulevard SE, along the northerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

S87°12'52"E a distance of 25.96 feet to a point;

N02°47'08"E a distance of 10.60 feet to a point;

587°12'52"E a distance of 117.31 feet to the northeast corner of the tract herein described;

THENCE along the easterly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, S00°55′43″W a distance of 285.14 feet to the southeast corner of the tract herein described;

THENCE along the southerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

N89°02'37"W a distance of 110.91 feet to a point;

N00°57'23"E a distance of 30.10 feet to a point;

N89°02'37"W a distance of 32.64 feet to the southwest corner of the tract herein described, also being a point on the easterly right-of-way line of Eubank Boulevard SE;

THENCE leaving the westerly boundary of said Tract B-1-A-1, along the westerly boundary of the tract herein described, coincident with the easterly right-of-way line of Eubank Boulevard SE, N00°55'43"E a distance of 249.02 feet to the POINT OF BEGINNING.

Tract contains 0.9182 acres, more or less.

April 27, 2015



Troy Kelts, P.E.
Merrick & Company
5970 Greenwood Plaza Blvd
Greenwood Village, CO 80015

RE: Chick-fil-A

210 Eubank Blvd NE Grading and Drainage Plan

Engineers Stamp Date 3/20/15 (L21D045B)

Dear Mr. Kelts,

RR/RH

C: File

Based upon the information provided in your submittal received 3/24/15, this plan is approved for Building Permit and Paving Permit.

Please attach a copy of this approved plan dated 3/20/15 to the construction sets in the permitting process prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

PO Box 1293

If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Rita Harmon, P.E.

Senior Engineer, Hydrology

Planning Department

4.19 cfs .93

# 1706)

# City of Albuquerque

## Planning Department

## Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

L210045B

Project Title: Chick-fil-A at Central & Eubank	Building Permit #:	City Drainage #:
DRB#: 14DRB-70346 EPC#: 14El	PC-40027	Work Order#:
Legal Description: See Attached		
City Address: 210 Eubank Blvd SE		
Engineering Firm: Merrick & Company		Contact: Troy Kelts
Address: 5970 Greenwood Plaza Blvd, Greenwo	od Village CO 80015	TIOY ILUIU
Phone#: 303-751-0741 Fax#: 303-7		E-mail: troy.kelts@merrick.com
Owner: Chick-fil-A		Contact: Don Ikler
Address: 15635 Alton Parkway, Irvine, CA 3034	9-2732	<u> </u>
Phone#: 404-305-4407 Fax#:		E-mail: don.ikeler@chick-fil-a.com
Architect: CRHO		Contact: Jose Carlos de la Vega
Address: 195 South "C" Street 200, Turstin, CA	92780	
Phone#: 714-832-1834 Fax#:	··· <u>··</u> ·	E-mail: Carlos@CRHO.com
Surveyor: Bohannan Huston		Contact: Timothy Solinski
Address: Courtyard 1, 7500 Jefferson Street NE,	Albuquerque, NM, 87109	
Phone#: 505-823-1000 Fax#:	· · · · · · · · · · · · · · · · · · ·	E-mail: tsolinski@bhinc.com
Contractor:		Contact:
Address:		<u> </u>
Phone#: Fax#:		E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	ROVAL
X DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERM	IT APPROVAL
X GRADING PLAN	SECTOR PLAN APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
X ENGINEER'S CERTAHY DROLOGY)	CERTIFICATE OF OCCUPA	ANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPA	ANCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AF	PROVAL
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	DVAL
ENGINEER'S CERT (DRB SITE PLAN)	X GRADING PERMIT APPRO	VAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	X PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	<u>X</u> Yes No Co	opy Provided
DATE SUBMITTED: 3/23/2015	By: Troy D. Kelts	

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

- Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
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- 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



Merrick & Company 5970 greenwood Plaza Blvd Greenwood Village, CO 80111 Tel: 303-751-0741

Fax: 303-751-2581 www.merrick.com

## LETTER OF TRANSMITTAL

To: Curtis Cherne

Date:

3/23/15

City of Albuquerque

Development Review Services

600 2<sup>nd</sup> St. NW, Suite 201

Albuquerque, NM 87102

Ref:

CFA at Central & Eubank - #03235

Merrick Project # 65118257

The following material has been transmitted to you this date:

QUANTITY	DESCRIPTION	
2 Copies	Drainage Plans	
2 Copies	Drainage Information Sheet	
2 Copies	Comment Response Letter ·	
1 Copy	Copy of Resubmittal Email to Hydrology	

Respectfully submitted:

**MERRICK & COMPANY** 

Troy Kelts, PE Project Engineer 303-353-3926

## **Evan Fischgrund**

To: Cherne, Curtis

Cc: 'Rael, Rudy E.'; Troy Kelts

Subject: Chick-fil-A 210 Eubank Blvd SE - Hydrology Resubmittal

Attachments: 01\_03235 - C-3.0 - GRADING PLAN.pdf; 02\_03235 - C-3.1 - GRA

01\_03235 - C-3.0 - GRADING PLAN.pdf; 02\_03235 - C-3.1 - GRADING DETAILS.pdf; 03\_ 03235 - C-3.2 - STORM SEWER PLAN & PROFILE.pdf; 04\_03235 - C-3.3 - EROSION

CONTROL PLAN.pdf; 05\_03235 - C-3.4 - DRAINAGE MAP.pdf; 06\_03235 - PS-1.0 -

UTILITY PLAN.pdf

## Curtis,

Per your conversation last week with Troy Kelts, see attached revised drainage submittal plan sheets:

- C-3.0 Grading Plan
- C-3.1 Grading Details
- C-3.2 Storm Sewer Plan & Profile
- C-3.3 Erosion Control Plan
- C-3.4 Drainage Map
- PS-1.0 Utility Plan

Hard copies of these plan sheets, as well as a comment response letter have been sent to your office at your attention. Per your request, a copy of this email has been included with the hard copy submittal.

Please feel free to reach out to me or Troy (303-353-3926) if you have any questions or require any additional information.

Evan Fischgrund
Merrick & Company
5970 Greenwood Plaza Blvd.
Greenwood Village, Colorado 80111
Direct: 303-353-3626 Cell: 516-972-2023
Main: 303-751-0741 Fax: 303-752-4451

www.merrick.com



Merrick & Company 5970 Greenwood Plaza Blvd. Greenwood Village, CO 80111

> Tel: 303-751-0741 Fax: 303-751-2581 www.merrick.com

March 23rd, 2015

Curtis Cherne, P.E. Principal Engineer, Hydrology Planning Department 600 2<sup>nd</sup> St. NW, Suite 201 Albuquerque, NM 87012

Re: Chick-fil-A

> 210 Eubank Blvd SE Grading & Drainage Plan

Engineers Stamp Date None (L21D0415B)

Dear Mr. Cherne,

Merrick & Company has reviewed your comments on the Grading and Drainage Plan submittal (2/2/2015) received on March 3, 2015. The following summarizes Merrick's response to the comments provided by the City of Albuquerque.

#### Comments

- Comment: Mention of the first flush per EPA standards is required and placed on the plans. The amount required is .34" times the impervious area. Place the inlets in the landscape islands/areas for first flush requirements. Response: Per Troy Kelts' conversation with the City on Monday March 16th, Merrick has added and relocated the requested curb cuts to the landscape islands internal to the parking field. As discussed with the City, these discussed design changes will satisfy the City's comment to the best of Merrick's ability, given the existing site constraints. Please refer to the revised plan sheets for further information.
- Comment: The dumpster area must contain a drain connected to the SAS, with a grease trap.

Response: The dumpster drain connects to the proposed sanitary sewer system, prior to the grease interceptor. Pertinent callouts have been added to the drainage plan sheet and the utility plan has been included for reference.

• <u>Comment:</u> Provide Engineer stamp, date and signature.

<u>Response:</u> The engineer's stamp, signature and date have been provided on all plan sheets with this submittal.

Respectfully,

Merrick & Company

Troy Kelts, PE 303-353-3926

March 3, 2015



Troy Kelts, P.E.
Merrick & Company
5970 Greenwood Plaza Blvd
Greenwood Village, CO 80015

RE: Chick-fil-A
210 Eubank Blvd SE
Grading and Drainage Plan
Engineers Stamp Date None (L21D045B)

Dear Mr. Kelts,

Based upon the information provided in your submittal received 2/2/2015, the above referenced Grading and Drainage Plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed.

- Mention of the first flush per EPA standards is required and placed on the plans. The amount required is .34" times the impervious area. Place the inlets in the landscape islands/areas for first flush requirements.
- The dumpster area must contain a drain connected to the SAS, with a grease trap.
- Provide Engineer stamp, date and signature.

Albuquerque

PO Box 1293

If you have any questions please contact me at 924-3986 or Rudy Rael at 924-3977.

New Mexico 87103

Sincerely,

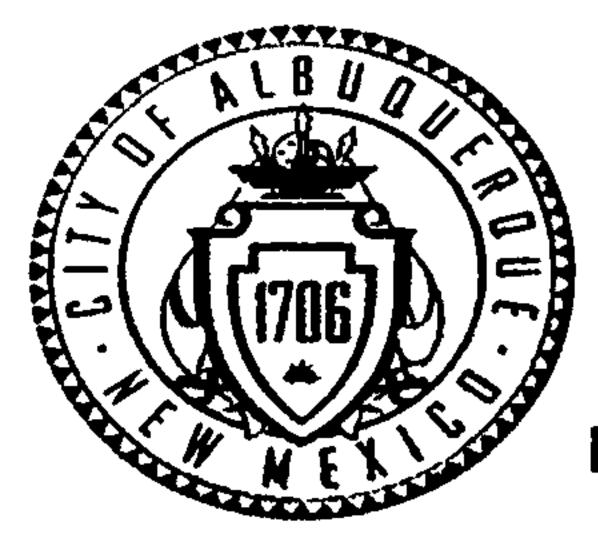
www.cabq.gov

Curtis Cherne, P.E.
Principal Engineer, Hydrology

Planning Department

RR/CC C: File

L



# City of Albuquerque

## Planning Department

## Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Chick-fil-A Central & Eubank	Building Permit #: 201493130 City Drainage #: L21D04
DRB#: EPC#:	Work Order#:
Legal Description: See Attached	
City Address: 210 Eubank Blvd SE	
Engineering Firm: Merrick & Company Address: 5970 Greenwood Plaza Blvd, Greenwood Plaza	vood Village, CO 80015  Contact: Troy Kelts
Phone#: 303-751-0741 Fax#: 30.	3-752-4451 E-mail: troy.kelts@merrick.com
Owner: Chick-fil-A	Contact: Ryan Robinson
Address: PO Box 270571, San Diego, CA 9 Phone#: 760-522-9764 Fax#:	
	E-mail: rrobinson@4gdev.com
Architect: CRHO	Contact: Kimanh Nguyen
Address: Phone#: 195 South "C" Street 200, Tustin, CA  714-832-1834  Fax#:	E-mail: kimanh@CRHO.com
Surveyor: Surv-Tek Inc 9384 Valley View Drive	Contact: Russ Hugg
Address: 505-897-3366 Fax#:	E-mail: russhugg@survtek.com
Contractor: TBD	Contact:
Address:	
Phone#: Fax#:	E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARANTEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMIT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPANCY (TCL TEMP)
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ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPROVAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	PA VING PERMIT APPROVAL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	X Yes No Copy Provided
DATE SUBMITTED: January 23, 2015	By: Ryan Robinson (760)522-9764 rrobinson@4gdev.com

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#### **LEGAL DESCRIPTION**

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BEGINNING at the northwest corner of the tract herein described, also being a point on the westerly boundary of said Tract B-1A-1 and the easterly right-of-way line of Eubank Boulevard SE, WHENCE the northwest corner of said Tract B-1-A-1 bears N00°55'43"E a distance of 55.75 feet;

THENCE leaving the easterly right-of-way line of Eubank Boulevard SE, along the northerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

S87°12'52"E a distance of 25.96 feet to a point;

N02°47'08"E a distance of 10.60 feet to a point;

S87°12'52"E a distance of 117.31 feet to the northeast corner of the tract herein described;

THENCE along the easterly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, S00°55'43"W a distance of 285.14 feet to the southeast corner of the tract herein described;

THENCE along the southerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

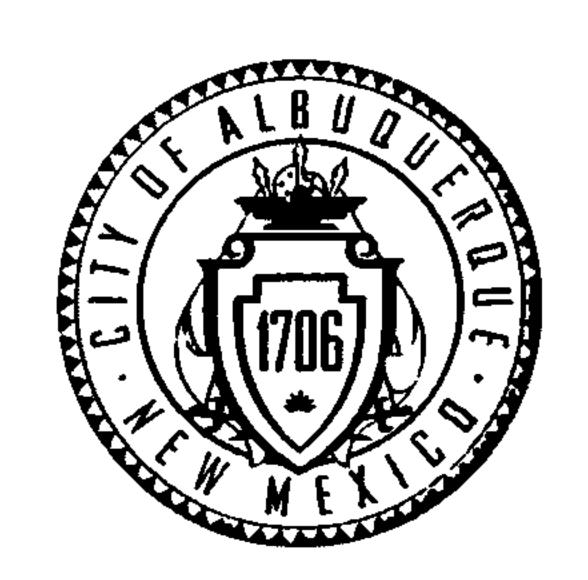
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N00°57'23"E a distance of 30.10 feet to a point;

N89°02'37"W a distance of 32.64 feet to the southwest corner of the tract herein described, also being a point on the easterly right-of-way line of Eubank Boulevard SE;

THENCE leaving the westerly boundary of said Tract B-1-A-1, along the westerly boundary of the tract herein described, coincident with the easterly right-of-way line of Eubank Boulevard SE, N00°55'43"E a distance of 249.02 feet to the POINT OF BEGINNING.

Tract contains 0.9182 acres, more or less.



July 2<sup>nd</sup>, 2014

Wade Wheatlake, P.E.
Merrick and Company
5970 Greenwood Plaza Blvd
Greenwood Village, CO 80111

Re: Chick-Fil-A on Eubank, Grading and Drainage Plan Engineer's Stamp Date 6-27-14 (L21D045B)

Dear Mr. Mulberry,

Based upon the information provided in your submittal received 6-27-14, the above referenced plan is approved for Site Plan for Building Permit action by the DRB for EPC and for plat approval.

The following comments should be addressed when submitting for Building Permit:

- Include a Vicinity Map and either an image of the National Flood Insurance Map or a narrative on the flood zone status.
- 2. Is the proposed orifice plate required, since there is an orifice plate in the inlet that this system ties into?
- 3. Provide the direction of roof flows.

Albuquerque

PO Box 1293

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

New Mexico 87103

www.cabq.gov

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Hydrology

Planning Dept.

C: e-mail



# City of Albuquerque

## Planning Department

## Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: ( \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(K+1) / 1	Building P	ermit #:	City Drainage #: <u>1210045</u>
-	EPC#:	10008-11	Work Order#:	
Legal Description:  City Address:	7 T 1 . O A 1111 C C	1111600	<u>~+\</u>	
Tity Address	LEUDANC DE	(HUME DEP	<del>""</del>	<del></del>
Engineering Firm: 🔟	lercic/S and com	oany	Contact:	
Address:		<u> </u>		<u></u>
Phone#:	Fax#:		E-mail: WA	e, what Lake C merick
Owner:			Contact:	
Address:		<u> </u>	<u>.</u>	
Phone#:	Fax#:	·	E-mail:	
Architect:			Contact:	
Address:		<u> </u>		
hone#:	Fax#:		E-mail:	
Surveyor:			Contact:	· <del></del> · ·
Address:		<del></del> .		
hone#:	Fax#:	<del></del>	E-mail:	· · · · · · · · · · · · · · · · · · ·
Contractor:			Contact:	
Address:				
Phone#:	Fax#:		E-mail:	
TYPE OF SUBMITTAL:		CHECK TYPE OF A	APPROVAL/ACCEPTA	NCE SOUGHT:
DRAINAGE REPO	RT		UARANTEE RELEASE	
DRAINAGE PLAN	1st SUBMITTAL	PRELIMINARY PL	AT APPROVAL	
DRAINAGE PLAN	RESUBMITTAL .	S. DEV. PLAN FOR	SUB'D APPROVAL	1 so the
CONCEPTUAL G &	& D PLAN	S. DEV. FOR BLDO	3. PERMIT APPROVAL	34
GRADING PLAN		SECTOR PLAN AP	PROVAL	IIII E GARNOR
EROSION & SEDIN	MENT CONTROL PLAN (ESC)	FINAL PLAT APPR	ROVAL	
ENGINEER'S CER'	T (HYDROLOGY)	CERTIFICATE OF	OCCUPANCY (PERM)	JUN 2 7 2011.
CLOMR/LOMR		CERTIFICATE OF	OCCUPANCY (TCL TE	Nation - 2 / 2014
TRAFFIC CIRCULA	ATION LAYOUT (TCL)	FOUNDATION PE	RMIT APPROVAL	LAND DEVELO
ENGINEER'S CER'	T (TCL)	BUILDING PERMI	T APPROVAL	LAND DEVELOPMENT SECTION
ENGINEER'S CER'	T (DRB SITE PLAN)	GRADING PERMIT	ΓAPPROVAL	SO-19 APPROVAL
ENGINEER'S CER	T (ESC)	PAVING PERMIT	APPROVAL	ESC PERMIT APPROVAL
SO-19		WORK ORDER AP	PROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)		GRADING CERTIF	ICATION	OTHER (SPECIFY)
• • • • • • • • • • • • • • • • • • •	··			
√AS A PRE-DESIGN CO	NFERENCE ATTENDED:	YesNO	Copy Provided	•
ATE SUBMITTED:	EINE 27 2014			JUST 54050

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.

Conceptual Grading and Drainage Plan. Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.

- Drainage Plans Required for building permits, grading permits, paving permits and site plans less than five (5) acres
- Drainage Report Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- 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



Merrick & Company 5970 Greenwood Plaza Blvd Greenwood Village, CO 80111

> Tel: 303-751-0741 Fax: 303-751-2581 www.merrick.com

June 27, 2014

LAND DEVELOPMENT SECTION / Curtis Cherne, P.E. Development Review Services – Hydrology Section 600 2<sup>nd</sup> Street N.W. Albuquerque, NM 87102

Re: Chick-fil-A @ Central & Eubank – 100-200 Eubank Boulevard SE, Albuquerque, NM 87123

JUN 27 2014

Dear Mr. Cherne,

Thank you for your coordination on the proposed Chick-fil-A @ Central and Eubank. We have utilized the ponding/drainage information we received to help with the grading and drainage concept for the project site. Please see attached exhibits and plan sheets for your review and approval.

As previously discussed, we have analyzed the existing ponding information from the approved existing drainage report and determined the current limits of ponding for the project site. After determining the existing limits of ponding on the project site, the existing ponding volume was calculated utilizing AutoCAD Civil 3D. The estimated ponding elevation of 5470.20 was used for this calculation. Please see the attached Existing Ponding Volume Exhibit.

After determining the existing ponding, the site was designed & graded to attempt to maintain (at a minimum) the same ponding volume post construction. After numerous attempts, a site layout that allowed for ponding around a proposed inlet centrally located on the proposed Chickfil-A site was achieved. With the site design allowing for ponding around this inlet, as well as localized inlet ponding and pipe storage, the proposed ponding volume provided exceeds the existing volume on site. Additionally, the 100 year water surface elevation was decreased by approximately 5 inches. Please see the attached Proposed Ponding Volume Exhibit.

Once the required ponding volumes were achieved, the project site's overall imperviousness was analyzed. It was determined that the proposed site design will decrease the amount of imperviousness for the project site; therefore, the post construction runoff will be reduced when compared to the existing condition. This ensures that the existing storm sewer system has been designed to handle all flows from the Chick-fil-A site. Most importantly, this confirms that the Chick-fil-A will be improving the drainage conditions for the project site by decreasing the developed runoff. Please see the attached Impervious Area Analysis Calculation Sheet.

Lastly, the project site was analyzed for the amount of cut and fill that will be required during construction. Due to the required ponding volumes, as well as ensuring that the building will not be compromised during the 100 year storm event, a true balanced site was not able to be accomplished. However, only 368 cubic yards of fill will be required for the Chick-fil-A site.

Approximately 100 cubic yards of this fill is required to match the grades along Eubank Boulevard. Please see the attached Cut/Fill Calculation Exhibit.

In conclusion, the main design concern was determining how to achieve this ponding volume for the proposed condition. By utilizing parking lot ponding, localized inlet ponding, and pipe storage, 18,330 cubic yards of ponding volume can be achieved for the proposed condition, which exceeds the existing ponding volume (17,766 cubic yards). As previously mentioned, this extra ponding volume will still result in lowering the 100 year water surface elevation. By accounting for more ponding than currently provided, this will improve the drainage conditions for the overall Home Depot Development. The ponding limits onto the Home Depot site will be decreased, as more ponding volume will be provided within the proposed Chick-fil-A site. Additionally, the proposed Chick-fil-A will actually decrease the runoff from the project site when compared to the existing condition. Therefore, the proposed Chick-fil-A will detain more ponding volume on site, while decreasing the amount of runoff to the existing storm sewer system. Please refer to the attached grading and drainage plan, as well as the utility plan, for more information on the proposed Chick-fil-A site & utility layout.

We look forward to working with you to achieve approval on this grading & drainage concept and finalize the Plat. Please let me know if you require any additional information or calculations at this time. If you have any questions regarding the proposed grading & drainage plan, please give Troy Kelts a call at (303) 353-3926, or Evan Fischgrund at (303) 353-3626.

Respectfully,

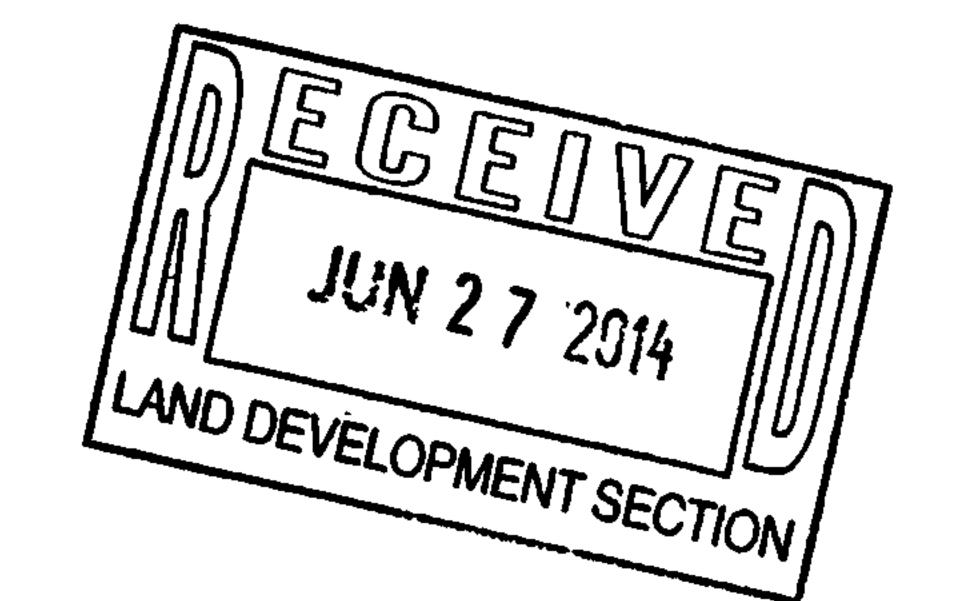
Merrick & Company

Wade Wheatlake, PE

Wade- W annuk-con

LAND DEVELOPMENT SECTION!





## MERRICK & COMPANY Impervious Area Analysis Calculation Sheet

Chick-fil-A at Central & Eubank

Calculated by: EMF
Checked by TDK
Date 6/27/2014

Standard C Values for Type 'B' Soils

Basın	Land Use	Area (acres)	l (%)	C2	C5	C10	C100
X-1	Existing Lawns, Soil	0 15	2	0 03	0 09	0 17	0 36
	Existing Walks & Roofs	0 02	100	0 89	0 90	0 92	0 96
	Existing Streets Paved	0 74	100	0 89	0 90	0 92	0 96
	Total Area	0 91	83 85	0 75	0 77	0 80	0 86
P-1	Proposed Lawns Soil	0 16	2	0 03	0 09	0 17	0 36
	Proposed Walks & Roofs	0 15	100	0 89	0 90	0 92	0 96
	Proposed Streets Paved	0 60	100	0 89	0 90	0 92	0 96
	Total Area	0 91	82 77	0 74	0 76	0 79	0 85

EXISTING SITE IMPERVIOUSNESS = 84%

PROPOSED SITE IMPERVIOUSNESS = 83%



## Planning Department Transportation Development Services

December 17, 2015

Troy Kelts Merrick and Company 5970 Greenwood Plaza Blvd. Greenwood Village, CO 80015

Re: Chick-fil-A

210 Eubank Blvd., SE

Request for Certificate of Occupancy- Transportation Development

Administrative Amendment Stamp dated 11-6-15 (L21-D045B)

Certification dated 12-9-15

Dear Mr. Kelts,

PO Box 1293 Based upon the information provided in your submittal received 12-10-15,

Transportation Development has no objection to the issuance of a <u>Permanent</u> <u>Certificate of Occupancy</u>. This letter serves as a "green tag" from Transportation

Development for a Permanent Certificate of Occupancy to be issued by the Building

and Safety Division.

Albuquerque

If you have any questions, please contact Gary Sandoval at (505) 924-3675 or me at

(505)924-3991.

New Mexico 87103

Sincerely,

www.cabq.gov

Racquel M. Michel, P.E.

Traffic Engineer, Planning Dept. Development Review Services

\gs

via: email

C:

CO Clerk, File



# City of Albuquerque

## Planning Department

## Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Chick-fil-A at Central & Eubank	Building Permit #:	City Drainage #: L21 LX)4
	EPC-40027	Work Order#:
Legal Description: See Attached		^
City Address: 210 Eubank Blvd SE		
Engineering Firm: Merrick & Company		Contact: Troy Kelts
Address: 5970 Greenwood Plaza Blvd, Greenwoo	<del></del> -	
Phone#: 303-751-0741 Fax#: 303-	<u>-752-4451</u>	E-mail: troy.kelts@merrick.com
Owner: Chick-fil-A	<u> </u>	Contact: Don Ikler
Address: 15635 Alton Parkway, Irvine, CA 303	49-2732	
Phone#: 404-305-4407 Fax#:		E-mail: don.ikeler@chick-fil-a.com
Architect: CRHO		Contact: Jose Carlos de la Vega
Address: 195 South "C" Street 200, Turstin, CA	92780	
Phone#: 714-832-1834 Fax#:		E-mail: Carlos@CRHO.com
Surveyor: Fierro & Company		Contact: Robert Fierro -
Address: 6300 Montano Rd, Albuquerque, NM.	87120	
Phone#: 505-352-8930 Fax#:		E-mail: robertfierro.fc@gmail.com
Contractor: Panterra Construction		Contact: Heather Hager
Address: 14901 Quorum Drive, Suite 320, Dall	as. Texas 75254	
· · · · · · · · · · · · · · · · · · ·	-375-7341	E-mail: hhager@panterraconstructic
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APP	
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERM	
GRADING PLAN	SECTOR PLAN APPROVAL	8   1   1   1   1   1   1   1   1   1
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	X CERTIFICATE OF OCCUPA	NOY (PERM) 1 0 2015
CLOMR/LOMR	CERTIFICATE OF OCCUPA	IMM: `
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AF	PRODEVELOPMENT SECTION
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	
SO-19	WORK ORDER APPROVAL	
OTHER (SPECIFY)	GRADING CERTIFICATIO	<del></del>
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No Co	opy Provided
DATE SUBMITTED: 12/9/2015	By: Troy D. Kelts	

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



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Fax: 303-751-2581 www.merrick.com

## TRAFFIC CERTIFICATION

### CHICK-FIL-A - 210 EUBANK BOULEVARD SE

1/11			4	.~
1, TROY Retts				
HEREBY CERTIFY THAT THIS PRO	DJECT IS IN SUBSTANTIA	AL COMPLIANCE WIT	TH AND IN ACCOR	RDANCE WITH
THE DESIGN INTENT OF THE	APPROVED PLAN DATE	ED <u>3/9/15</u> .	THE REÇORD II	NFORMATION
EDITED ONTO THE ORIGINAL DE	SIGN DOCUMENT HAS	BEEN OBTAINED BY	Troy Kelts	OF THE
FIRM METTICK & COMPUNY. IF	<b>FURTHER CERTIFY THAT</b>	I HAVE PERSONALLY	VISITED THE PRO	DJECT SITE ON
12/9/15 AND HAVE D	ETERMINED BY VISUAL	INSPECTION THAT T	HE SURVEY DATA	A PROVIDED IS
REPRESENTATIVE OF ACTUAL	SITE CONDITIONS AN	D IS TRUE AND CO	PRRECT TO THE	BEST OF MY
KNOWLEDGE AND BELIEF. T	THIS CERTIFICATION IS	S SUBMITTED IN SU	JPPORT OF A F	REQUEST FOR
CERTIFICATE OF OCC	_			

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Signature of Engineer or Architect

Date

**ENGINEER'S OR ARCHITECT'S STAMP** 



#### **LEGAL DESCRIPTION**

A certain tract of land within Section 28, Township 10 North, Range 4 East, N.M.P.M., City of Albuquerque, Bernalillo County, New Mexico, being and comprising Tract B-1-A-2, as the same is shown and designated on the Plat of Tracts B-1-A-1 and B-1-A-2, VIDEO ADDITION filed in the Office of the County Clerk of Bernalillo County, New Mexico on August 5, 2014 in Book 2014C, page 80, as Document No. 2014061733 and being more particularly described by New Mexico State Plan Grid Bearings (NAD83 Central Zone) and ground distances as follows:

BEGINNING at the northwest corner of the tract herein described, also being a point on the westerly boundary of said Tract B-1A-1 and the easterly right-of-way line of Eubank Boulevard SE, WHENCE the northwest corner of said Tract B-1-A-1 bears N00°55'43"E a distance of 55.75 feet;

THENCE leaving the easterly right-of-way line of Eubank Boulevard SE, along the northerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

S87°12′52″E a distance of 25.96 feet to a point; N02°47′08″E a distance of 10.60 feet to a point; S87°12′52″E a distance of 117.31 feet to the northeast corner of the tract herein described;

THENCE along the easterly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, S00°55'43"W a distance of 285.14 feet to the southeast corner of the tract herein described;

THENCE along the southerly boundary of the tract herein described, coincident with the westerly boundary of said Tract B-1-A-1, the following three (3) courses;

N89°02'37"W a distance of 110.91 feet to a point;

N00°57'23"E a distance of 30.10 feet to a point;

N89°02'37"W a distance of 32.64 feet to the southwest corner of the tract herein described, also being a point on the easterly right-of-way line of Eubank Boulevard SE;

THENCE leaving the westerly boundary of said Tract B-1-A-1, along the westerly boundary of the tract herein described, coincident with the easterly right-of-way line of Eubank Boulevard SE, N00°55'43"E a distance of 249.02 feet to the POINT OF BEGINNING.

Tract contains 0.9182 acres, more or less.

