

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

May 20, 2019

Morey Walker, P.E.
Walker Engineering
905 Camino Sierra Vista
Santa Fe, NM 87505

**RE: Blake's Lotaburger #64
1801 Juan Tabo Blvd. NE
Grading and Drainage Plan
Engineer's Stamp Date: 05/09/19
Hydrology File: H21D012**

Dear Mr. Walker:

PO Box 1293

Based upon the information provided in your submittal received 005/16/2019, the Grading & Drainage Plan is approved for Building Permit.

Albuquerque

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

NM 87103

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Curtis Cherne, PE, ccherne@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

www.cabq.gov

Also as a reminder, please provide a Drainage Covenant for the proposed detention ponds per Chapter 17 of the DPM prior to Permanent Release of Occupancy. Please submit this on the 4th floor of Plaza de Sol. A \$25 fee will be required.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: Blake's Lotaburger #64 **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: Lot 1-A, Block 96 Snow Heights, Albuquerque, Bernalillo County, New Mexico, filed: August 26, 1958, Volume C4, Folio 17.

City Address: 1801 Juan Tabo Boulevard NE

Applicant: Barbara Felix Architecture + Design **Contact:** Barbara Felix

Address: 511 Agua Fria Street, Santa Fe, NM 87501

Phone#: 505-820-1555 **Fax#:** 505-820-1527 **E-mail:** info@bjfelix.com

Owner: Blake's Lotaburger LLC **Contact:** Paula Hayden

Address: 3205 Richmond Drive NE, Albuquerque, NM 87107

Phone#: 505-884-2160 **Fax#:** _____ **E-mail:** PHayden@lotaburger.com

TYPE OF SUBMITTAL: _____ PLAT (____# OF LOTS) _____ RESIDENCE _____ DRB SITE ☒ ADMIN SITE

IS THIS A RESUBMITTAL?: ☒ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION ☒ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ 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
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: May 15, 2019 **By:** Barbara Felix Architecture + Design

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

INFORMATION SHOWN IS FOR GRADING AND DRAINAGE ONLY AND IS NOT TO
BE USED FOR STAKING PURPOSES. SEE SITE PLAN FOR ACTUAL LOCATION
OF IMPROVEMENTS.

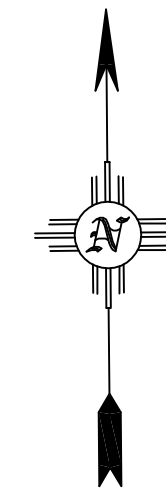
ALL EXISTING TOPOGRAPHIC SURVEY DATA SHOWN ON THESE PLANS HAS BEEN OBTAINED AND CERTIFIED BY OTHERS. WALKER ENGINEERING HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS TOPOGRAPHY INFORMATION, AND MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREOF OF THIS TOPOGRAPHY. WALKER ENGINEERING RESPONSIBILITY IS LIMITED TO THE ENGINEERING ANALYSIS THAT UTILIZES THE TOPOGRAPHY SURVEY.

LOT 1-A, BLOCK 96 SNOW HEIGHTS
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO,
ACCORDING TO REPLAT OF BLOCKS 94 AND 95 THE
NORTHEASTERLY PORTIONS OF BLOCK 96 AND THE EASTERLY
PORTIONS OF BLOCKS 89,91,92 AND 93 OF SNOW HEIGHTS
FILED: AUGUST 26, 1958, VOLUME C4, FOLIO 17


FIRM MAP: 35001C0357H
EFFECTIVE DATE: 8/16/2012
ZONE X



BLAKE'S
LOTTABURGER #64
1801 JUAN TABO BLVD. NE
ALBUQUERQUE, NM 87112



SCALE: 1" = 20'



20' 0 20'

CONTOUR INTERVAL = ONE FOOT (1')

Drainage Calculations												
BASIN NAME	ZONE	BASIN SIZE		LAND TREATMENT PERCENT BY TYPE				LAND TREATMENT BY AREA (ACRES)				AREA CHECK
		SF	ACRES	A	B	C	D	A	B	C	D	
Existing	4	30492	0.70	0%	13%	0%	87%	0	0.091	0	0.609	0.700
Proposed	4	30492	0.70	0%	24%	0%	76%	0	0.168	0	0.532	0.700

ZONE 4													
BASIN NAME	WEIGHTED E	V ₃₆₀ / 6HR VOL.		V ₁₄₄₀ / 24HR VOL.		V ₄₃₂ / 4DAY VOL.		V ₁₀₈ / 10DAY VOL.		Q _p	YIELD	1ST FLUSH VOLUME	
	INCHES	AC-FT	CF	AC-FT	CF	AC-FT	CF	AC-FT	CF	CFS	CFS/AC	AC-FT	CF
Existing	2.44	0.142	6193	0.180	7851	0.234	10172	0.297	12935	3.46	0.00	0.017	752
Proposed	2.27	0.132	5757	0.165	7205	0.212	9233	0.267	11647	3.28	0.00	0.015	657

Storm Water Quality Volume Calculation:					
	Description	Area (SF.)	80th Percentile Storm (Inches)	Total Required Storage	
	Impervious Area	23487.00	0.28	548	
	Pond Volume Required=		548	ft ³	
Drainage Pond Design					
		Top Elev. (ft)	Area (ft ² .)	Bottom Elev. (ft)	Area (ft ² .)
					Vol. (ft ³)
	Pond 1	5607.00	127	5606.00	53
	Pond 2	5608.00	216	5607.00	71
	Pond 3	5609.00	206	5608.00	77
	Pond 4	5613.00	331	5612.33	212
	Increased Pond Volume Provided =		557	ft ³	
Weir Calculation for Curb Cuts					
Q=C L H ^{3/2}					
L=Q/C H ^{1/2}					
C= 2.7 H = 0.5'					
H ^{1/2} = .5 ^{1/2} = 0.35					
		Area (SF)	Area (Ac)	Q (CFS)	L (ft)
	Basin A	5301	0.12	0.55	0.58
	Basin B	14468	0.33	1.49	1.58

———— EXISTING CONTOURS
 ———— DESIGN CONTOURS
 - - - - SITE BOUNDARY
 ———— PROPOSED SPOT ELEVATION
 FG ———— FIELD GRADE
 TA ———— TOP OF ASPHALT
 TC/BC ———— TOP OF CURB/BOTTOM OF CURB
 L/S ———— LANDSCAPE AREA
 ———— WATER FLOW DIRECTION
 ———— FINISHED PAD
 ———— NEW ASPHALT
 ———— NEW CONCRETE
 - - - - DRAINAGE BASIN BOUNDARY

FFE
 NEW ASPHALT
 NEW CONCRETE

[illegible]

STAKING NOTE

INFORMATION SHOWN IS FOR GRADING AND DRAINAGE ONLY AND IS NOT TO BE USED FOR STAKING PURPOSES. SEE SITE PLAN FOR ACTUAL LOCATION OF IMPROVEMENTS.

TOPOGRAPHY NOTE

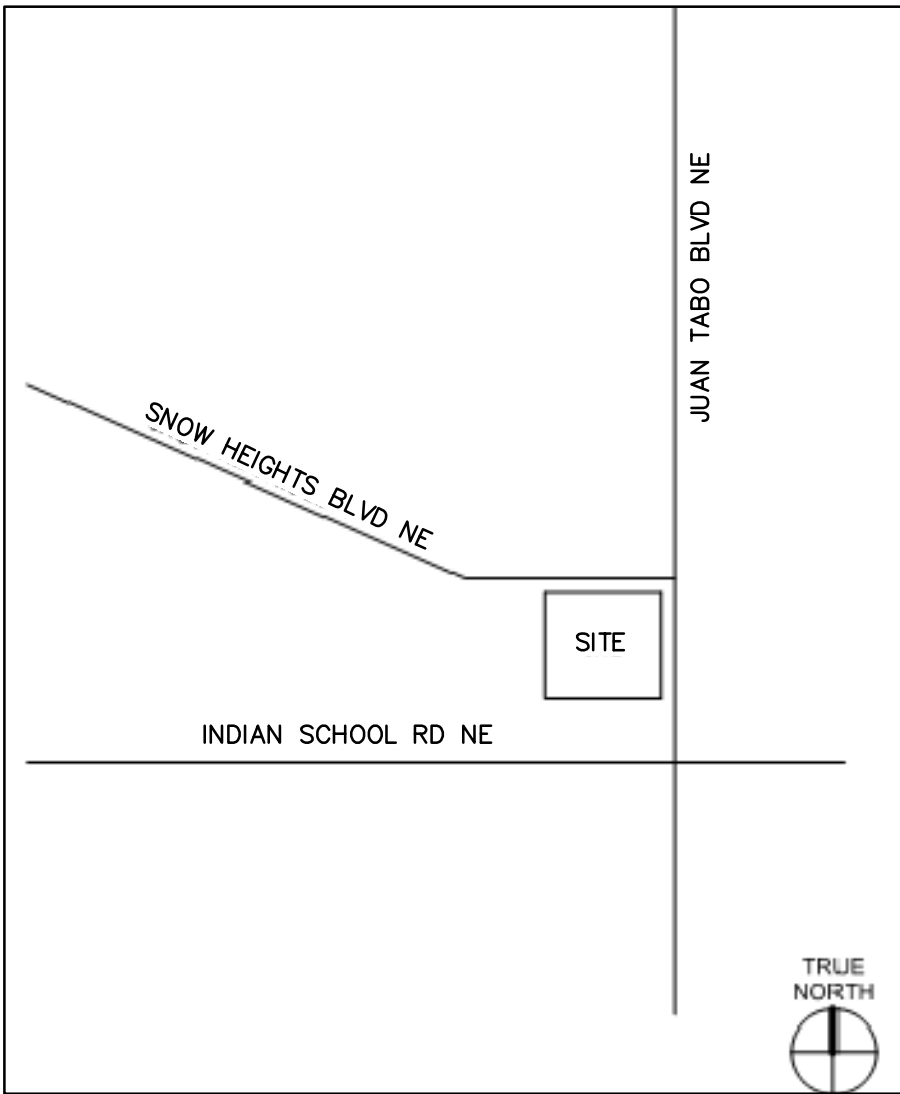
ALL EXISTING TOPOGRAPHIC SURVEY DATA SHOWN ON THESE PLANS HAS BEEN OBTAINED AND CERTIFIED BY OTHERS. WALKER ENGINEERING HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS TOPOGRAPHY INFORMATION, AND MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR OF THIS TOPOGRAPHY. WALKER ENGINEERING RESPONSIBILITY IS LIMITED TO THE ENGINEERING ANALYSIS THAT UTILIZES THE TOPOGRAPHY SURVEY.

LEGAL DESCRIPTION

LOT 1-A, BLOCK 96 SNOW HEIGHTS
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO,
ACCORDING TO REPLAT OF BLOCKS 94 AND 95 THE
NORTHEASTERLY PORTIONS OF BLOCK 96 AND THE EASTERLY
PORTIONS OF BLOCKS 89,91,92 AND 93 OF SNOW HEIGHTS
FILED: AUGUST 26, 1958, VOLUME C4, FOLIO 17

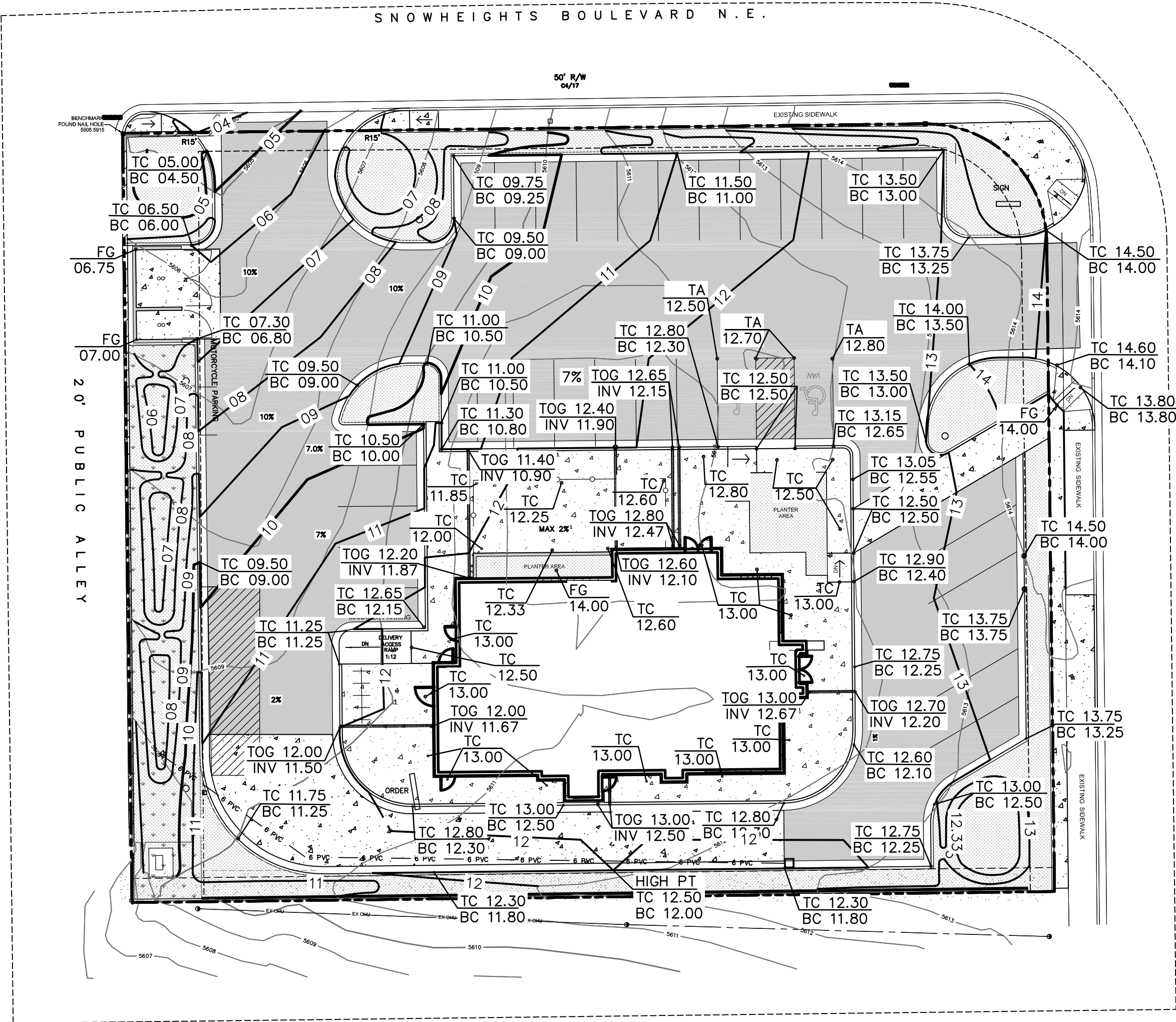
FLOOD PLAIN NOTE

FIRM MAP: 35001C0357H
EFFECTIVE DATE: 8/16/2012
ZONE X

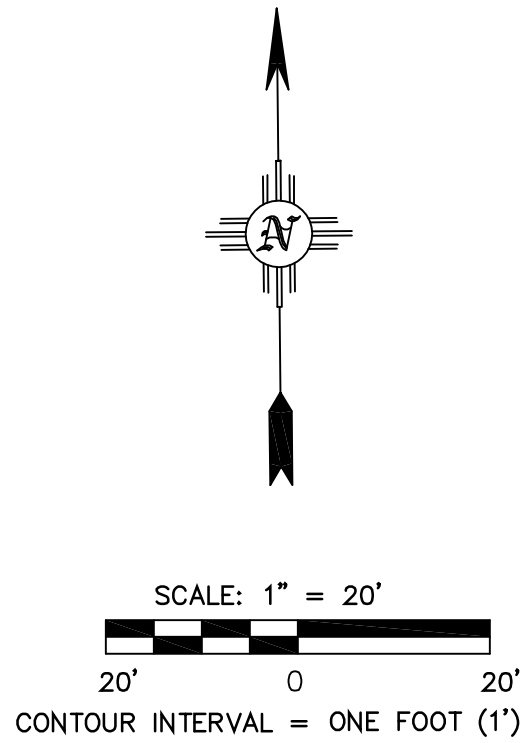


VICINITY MAP

NTS



JUAN TABO BOULEVARD N.E.



LEGEND

	EXISTING CONTOURS
	DESIGN CONTOURS
	SITE BOUNDARY
	PROPOSED SPOT ELEVATION
	FG
	TA
	TC/BC
	L/S
	WATER FLOW DIRECTION
	FINISHED PAD
	NEW ASPHALT
	NEW CONCRETE

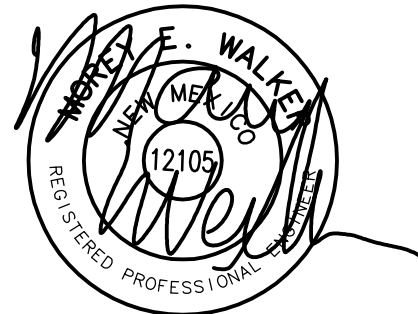
Civil Engineering • Water Resources
Traffic Engineering



Walker Engineering

905 Camino Sierra Vista
Santa Fe, NM 87505

505-820-7990
FAX 505-820-3539
E-MAIL civil@walkerengineering.net



5/9/19

BLAKE'S
LOTABURGER #64
1801 JUAN TABO BLVD. NE
ALBUQUERQUE, NM 87112

ISSUED

MARK	DATE	DESCRIPTION

PROJECT NO.

FILE NAME

DRAWN BY

CHECKED BY

Sheet Name

GRADING AND
DRAINAGE PLAN

Sheet No.

C1A

SHEET NO. ____ OF ____ SHEETS



SHEET NO. _____ OF _____ SHEETS