

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

March 23, 2020

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

**RE: Blake's Lotaburger #75
4121 Coors Blvd NW
Grading & Drainage Plan
Engineer's Stamp Date: 03/06/20
Hydrology File: G11D069D**

Dear Mr. Walker:

Based upon the information provided in your resubmittal received 03/12/2020, the Grading & Drainage Plan is approved for Building Permit and for action by the DRB on Site Plan for Building Permit.

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.

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 (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

Also as a reminder, please provide Drainage Covenant for the stormwater quality 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: _____ **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

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: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

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.

BENCH MARK

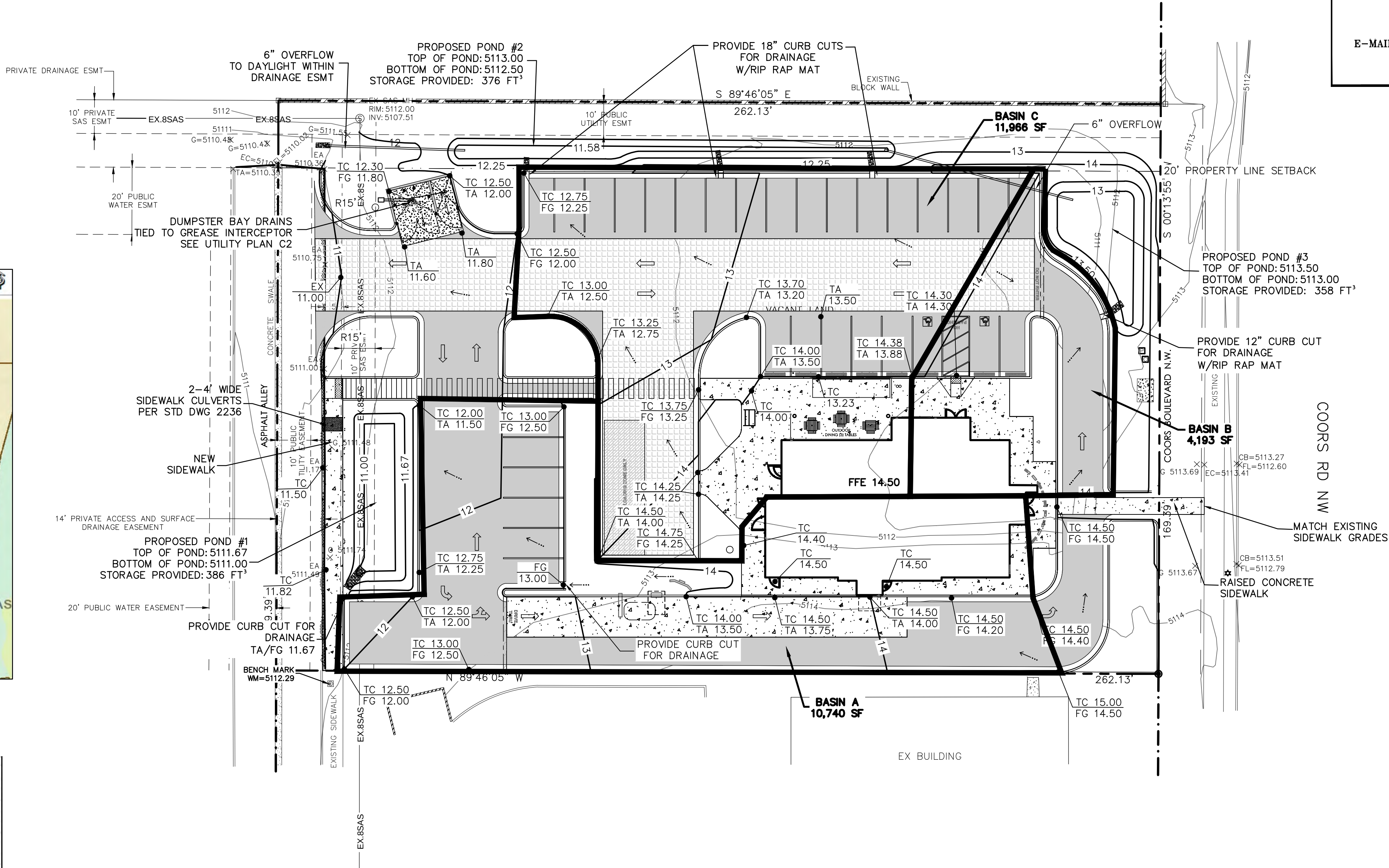
ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION No. "8-G11", HAVING AN ELEVATION OF 5116.009, NAVD 1988

LEGAL DESCRIPTION

LOT 1 COORS PAVILION
(BEING A REPLAT OF TRACT X-1-A2 UNIVERSITY OF ALBUQUERQUE URBAN CENTER)

DRAINAGE MANAGEMENT NOTE

LOT 1 COORS PAVILION IS IN COMPLIANCE WITH THE COORS PAVILION SUBDIVISION DRAINAGE MANAGEMENT PLAN VIA THE LADERA POND DRAINAGE STUDY (12/30/15). POND OVERFLOW IS DISCHARGING WITHIN THE EXISTING DRAINAGE EASEMENT PER THE DRAINAGE MANAGEMENT PLAN.



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905 Camino Sierra Vista
Santa Fe, NM 87505

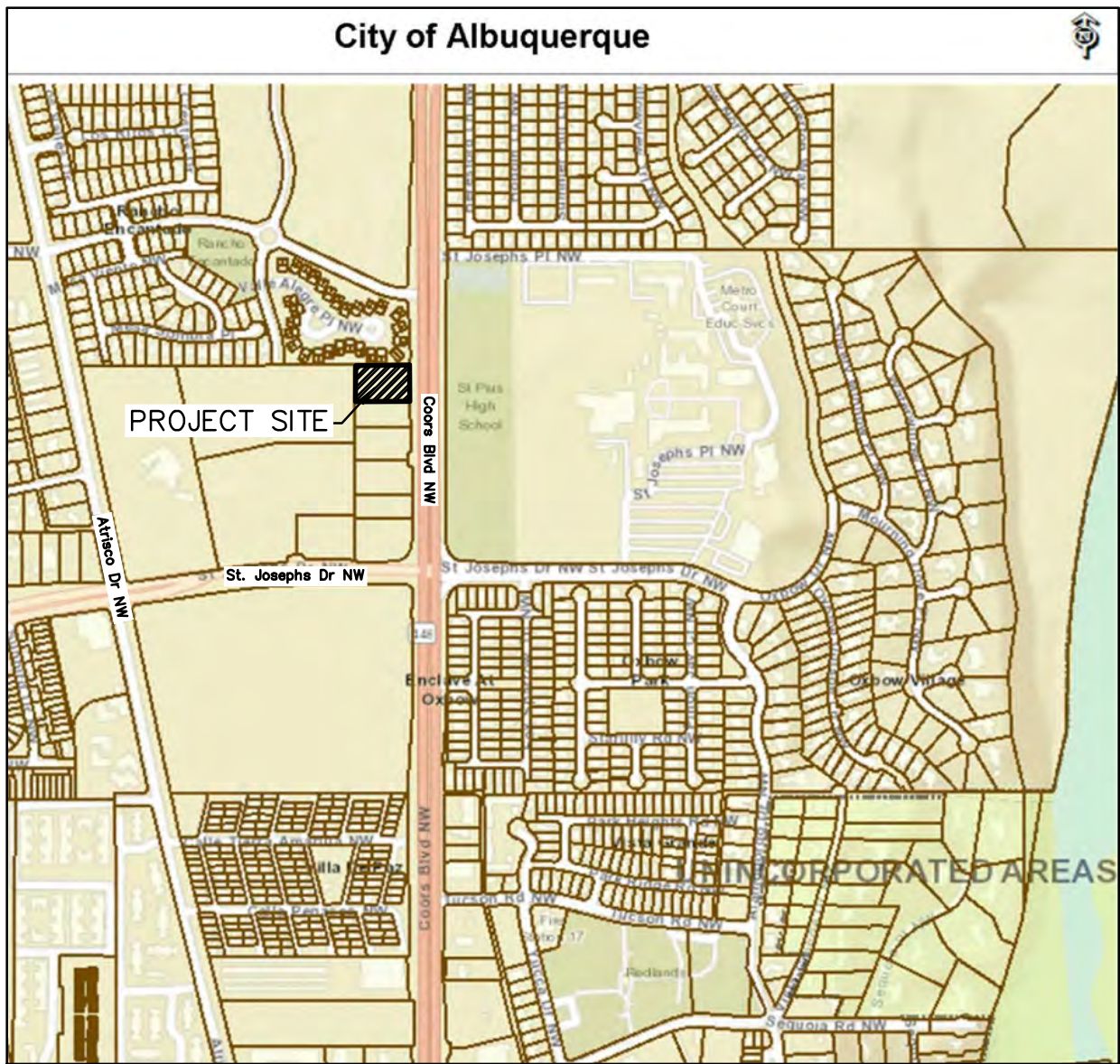
505-820-7990
FAX 505-820-3539
E-MAIL civil@walkerengineering.net



3/6/20

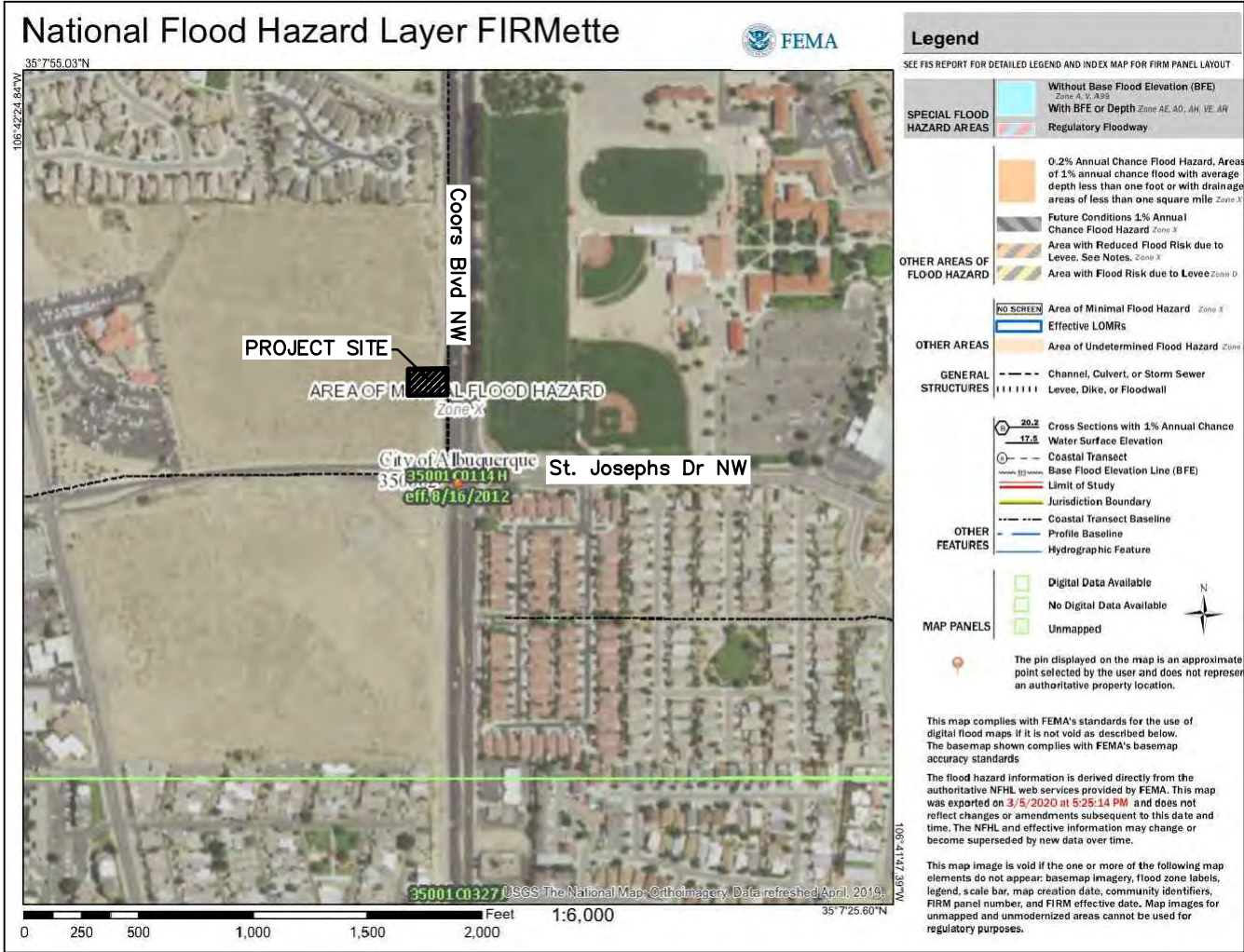


SCALE: 1" = 20'
20' 0 20'
CONTOUR INTERVAL = ONE FOOT (1')



VICINITY MAP

Walker Engineering 905 Camino Sierra Vista Santa Fe, NM 87501					
Stormwater Drainage Calculations					
Project: Blakes Louburger #75 Coors Rd NW, Albuquerque NM		Project No: 20-115 Date: 2/10/2020			
		Developable Area:	0.97 Acres 42275.00 Sq Ft		
		Precipitation Zone:	1		
		Rainfall Intensity:	4.7 (Inches/hour)		
Present Land Use					
Description	Area (SF)	Area (Ac.)	C	C*A	
Existing Conditions (Land Treatment C)	42275.00	0.97	0.61	0.592	
Composite	42275.00	0.97	0.61	0.592	
Proposed Land Use					
Description	Area (SF)	Area (Ac.)	C	C*A	
Roof/Asphalt/Concrete (Land Treatment D)	25592.00	0.59	0.93	0.55	
Landscape (Land Treatment B)	16683.00	0.38	0.43	0.16	
Composite	42275.00	0.97	0.73	0.71	
Storm Water Quality Volume Calculation:					
Description	Area (SF)	90th Percentile Storm (inches)	Total Required Storage		
Impervious Area (Land Treatment D)	25592.00	0.34	725		
Pond Volume Required=		725	ft ³		
Drainage Pond Design					
	Top Elev. (ft)	Area (ft ²)	Bottom Elev. (ft)	Area (ft ²)	Vol. (ft ³)
Pond 1	5111.67	751	5111.00	400	386
Pond 2	5112.25	828	5111.58	293	376
Pond 3	5113.50	895	5113.00	535	358
Increased Pond Volume Provided =		1119	ft ³		
Weir Calculation for Curb Cuts					
Q=CLH ^{2.5} L=Q/CH ^{1.5} C=2.7 H=0.5' H ^{1.5} = .5 ^{1.5} = 0.35					
	Area (SF)	Area (Ac)	Q (CFS)	L (ft)	
Basin A	10740	0.25	1.11	1.17	
Basin B	4193	0.10	0.43	0.46	
Basin C	11966	0.27	1.23	1.31	



PANEL 114 OF 285
MAP NUMBER: 35001C0114H
MAP REVISED: AUGUST 16, 2012

LEGEND

- 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
- ASPHALT
- ASPHALT FOR FIRE APPARATUS ACCESS
- NEW CONCRETE
- DRAINAGE BASIN BOUNDARY

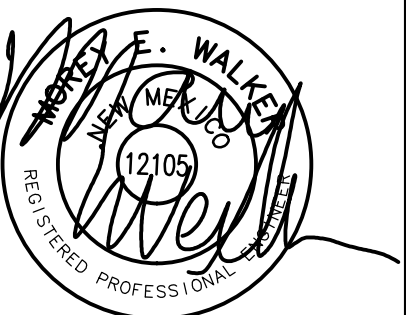
BLAKE'S
LOTABURGER #75
LOT 1 COORS PAVILION
4121 COORS BLVD NW
ALBUQUERQUE, NM 87120

ISSUED		
MARK	DATE	DESCRIPTION

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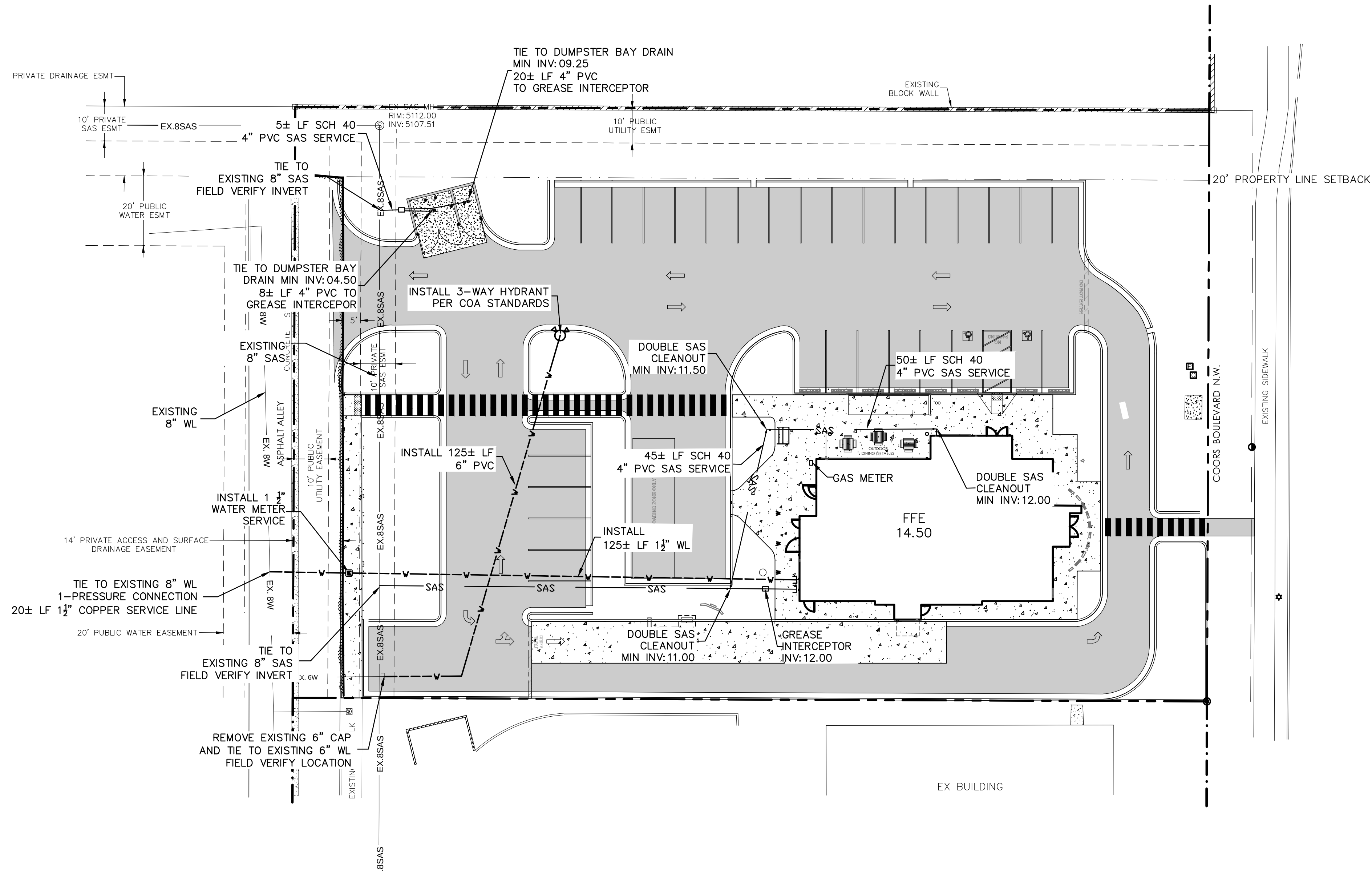
W • E
Walker Engineering
905 Camino Sierra Vista
Santa Fe, NM 87505

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



3/6/20

LOTA BLAKE'S
BURGER #75
LOT 1 COORS PAVILION
4121 COORS BLVD NW
ALBUQUERQUE, NM 87120



SCALE: 1" = 10'
10' 0 10'
CONTOUR INTERVAL = ONE FOOT (1')

LEGEND

	PROPOSED WATER LINE
	EXISTING WATER LINE
	PROPOSED FIRE HYDRANT
	PROPOSED WATER VALVE & BOX
	PROPOSED METER
	EXISTING SAS MANHOLE
	PROPOSED SEWER
	PROPOSED CLEANOUT

ISSUED		
MARK	DATE	DESCRIPTION

PROJECT NO.	20-115
FILE NAME	219 GRADE
DRAWN BY	P.L.B.
CHECKED BY	M.E.W.
Sheet Name	
UTILITY PLAN	
Sheet No.	
C2	
SHEET NO. ____ OF ____ SHEETS	



SHEET NO. _____ OF _____ SHEETS