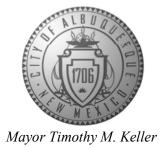
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



August 1, 2024

Shawn Biazar, P.E. SBS Construction and Engineering, LLC 7632 William Moyers Avenue, NE Albuquerque, NM 87114

RE: Dia De Las Baristas 4915 Lomas NE Grading and Drainage Plan Engineer's Stamp Date: 07-18-2024 Hydrology File: J17D006

Dear Mr. Biazar,

Based upon the information provided in your submittal received 07/23/2024, the Grading & Drainage Plan is approved for Building Permit and Grading Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

PRIOR TO CERTIFICATE OF OCCUPANCY:

Albuquerque

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for \$25.00 made out to "Bernalillo County" for the detention ponds per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

www.cabq.gov

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.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E. Senior Engineer, Hydrology

anth Mars

Planning Department, Development Review Services



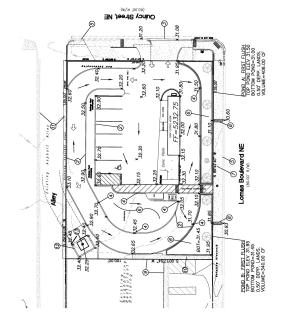
City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: 4915 Lomas Boulevard, NE	Hydrology File # J17D006	
Legal Description: Lot 1-A, WA Richardson's Subdivision		
City Address, UPC, OR Parcel: 4519 Lomas Bouleva	ard, NE, Albuquerque, NM 8/110	
Applicant/Agent: SBS Construction & Engineering, LLC	Contact: Shawn Biazar	
Address: 10431 4th Street, NW, Albuquerque, NM 87114	Phone: 505-804-5013	
Email: aecllc@aol.com	<u></u>	
Applicant/Owner: Eric Munn	Contact: Eric Munn	
Address: 717 Cagua Drive, NE, Albuquerque, NM 87108	Phone:	
Email: holybarbarian@yahoo.com	<u></u>	
(Please note that a DFT SITE is one that needs Site Plan A	pproval & ADMIN SITE is one that does not need it)	
TYPE OF DEVELOPMENT: PLAT (#of lots)	RESIDENCE	
DFT SITE	ADMIN SITE	
RE-SUBMITTAL: VES NO		
DEPARTMENT: TRANSPORTATION	HYDROLOGY/DRAINAGE	
Check all that apply under Both the Type of Submittal	and the Type of Approval Sought:	
TYPE OF SUBMITTAL:	TYPE OF APPROVAL SOUGHT:	
ENGINEER/ARCHITECT CERTIFICATION	✓ BUILDING PERMIT APPROVAL	
PAD CERTIFICATION	CERTIFICATE OF OCCUPANCY	
CONCEPTUAL G&D PLAN	CONCEPTUAL TCL DFT APPROVAL	
GRADING & DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL	
DRAINAGE REPORT	FINAL PLAT APPROVAL	
DRAINAGE MASTER PLAN	SITE PLAN FOR BLDG PERMIT DFT	
CLOMR/LOMR	APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TCL)	SIA/RELEASE OF FINANCIAL GUARANTEE	
ADMINISTRATIVE	FOUNDATION PERMIT APPROVAL	
TRAFFIC CIRCULATION LAYOUT FOR DFT APPROVAL	GRADING PERMIT APPROVAL	
TRAFFIC IMPACT STUDY (TIS)	SO-19 APPROVAL	
STREET LIGHT LAYOUT	PAVING PERMIT APPROVAL	
OTHER (SPECIFY)	GRADING PAD CERTIFICATION	
OTTER (SI Left 1)	WORK ORDER APPROVAL	
	CLOMR/LOMR	
	OTHER (SPECIFY)	
DATE SUBMITTED: 7/18/2024		

HW-H F BES LOT 1-A, WA RICHARDSON'S SUBDIVISION. LEGAL DESCRIPTION APPROVED 13. INSTALL A SEWER INLET AND TO BE CONNECTED TO SANITARY SEWER, SEE UTILITY PLAN 12" SIDEWALK CULRVET PER CITY STD DWG 2236 (TACK WELD PLATE AT THE BOLT). . 24" SIDEWALK CULRVET PER CITY STD DWG 2236 (TACK WELD PLATE AT THE BOLT). 4. PROVIDE 24" CURB OPPENING. 2. PROPOSED NEW CURB TYP. 10. EXISTING CONCRETE ISLE. 5. EXISTING CURB & GUTTER. 5. DEPRESSED LANDSCAPING. 11. EXISTING STATE CURB. 12. TRASH ENCLOSURE. 3. EXISTING DRIVEWAY. 7. EXISTING SIDEWALK. 9. EXISTING BUILDING. LOT 1-A, WA RICHARDSON'S SUBDIVISION is located at 4915 Lomass Blvd. NE containing 0.3099 sere. See attached Vicinity Map J-17-Z for exact location. Existing Drainage Conditions on his site and fully developed with existing grant Theorem, was called gas statistion on his site and fully developed with existing gas statistion to the site of the si Purpose The purpose of this drainage report is to present a grading and drainage For new site and building improvements with this fract of land. Location LOT 1-A, WA RICHARDSON'S SUBDIVISION.



EXISTING CONDITIONS/PROPOSED

AA = 0.00% AB = 5.00% AC = 10.00% AD = 85.00%

P-60 = 1.78 P-360 = 2.29 P-1440 = 2.59 P-10 Day = 3.62

ONLINE SOMW HEERON ARE IN THEM APPROVANCE (CALVIN MESE)
ONLINE SOWN HEERON ARE IN THEM AND AS-BALL IN THE MENT AS ABANDONED OR NOT. SMALL BE VERTIED BY WHETHER NIDGLED AS ABANDONED OR NOT. SMALL BE VERTIED BY DESIGN OF ONS-SIDERATIONS.
OR DESIGN COM-SIDERATIONS.

THIS IS <u>NOT</u> A BOUNDARY SURVEY, BEARINGS ARE ASSUMED. DISTRACES AND FOUND PROPERTY CORNERS ARE FOR <u>INFORMATIONAL</u> BURGGES, SNILY.

ADD 5200 TO ALL PROPOSED SPOT ELEVATIONS.

5: SLOPES ARE AT 3:1 MAXIMUM.

- BOUNDARY LINE PROPOSED SPOT ELEVATION EXISTING FLOWLINE ELEVATION

EXISTING GRADE

PROPOSED RETAINING WALL

BOTTOM OF CHANEL

TOP OF CURB

EXISTING CONTOUR (MAJOR) EXISTING CONTOUR (MINOR)

-5235-LEGEND

ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION 18-J17, HAVING AN ELEVATION OF \$228,147_FEET ABOVE SEA LEVEL

GENERAL NOTES: : CONTOUR INTERVAL IS HALF (1.00) FOOT.

BENCHMARK GITY BNCHMARK 19_JI7, ELEVATION OF <u>5228,147</u> FEET ABOVE SEA LEVEL.

VOLUME CALCULATIONS FOR 10 DAYSTORM

BASIN | AREA (SP) | AREA (AC) | AREA (M1') |

04-SITE | 13000.00 | 0.3089 | 0.007378

 $E = \frac{EA(AA) + EB(AB) + EC(AC) + ED(AD)}{AA + AB + AC + AD}$

V-360 = E(AA + AB + AC + AD)

EA = 0.62 EB = 0.80 EC = 1.03 ED = 2.33

CONTAINING: 13,500.00 SF (0.3099 ACRE)



IMPERVIOUS AREA = 13,500.00 SF FIRST FLUSH VOL. REQI. = 0.26" x 13,500.00 / 12 = 292.50 CF POND VOLUME REQUIRED

TOTAL PONDING VOLUME REQUIRED (90TH PERCENTILE/FIRST FLUSH) =
0.26 INCHES × IMPERVIOUS AREA = (0.26/12 x 13,500.00) = 292.50 GF

FIRST FLIUSH PONDING REQUIREMENT

AD = 0.2634 AC V-10 DAY = 0.0840 AC-FT V-10 DAY = 3,660..75 CF V-6 HR = 2,388.94 CF

(Special Order 19 ~ "SO-19")

1. Build sidewalk culvert per COA STD DWG 2236.

2. Contact Storm Maintenance at (305) 857-8033 to schedule a

TOTAL POND VOLUME PROVIDED = (406.00+340.00) = 746.00 CF POND A: AREA © TOP = 812.00, AREA © BOTTOM = 812.00.00
POND VOLUME = (612.00+812.00/270.50.97 = 406.00 G?
POND E: AREA © TOP = 860.00, AREA © BOTTOM = 860.00
POND VOLUME = (680.00+860.00/270.50 = 340.00 G?

POND CALCULATION
TOTAL POND AREA PRCVIDED =
PONDING CALCULATIONS:

SIDEWALK CULVERTYCONCRETE CHANNEL AND POND OPPENING CALCULATIONS

8" Wide With 8" High Concrete Q+CLH^1.5 H = 0.67, C = 2.95, L+18" (1.50)

2.95*1.50(.67)*1.50 = 2.958*1.50* ? = 2.427.c6

TC=28.50 TA=28.00 X 5028.65 FL **28.50** × 5029.16 BC=89.08 88.65

AS-BUILT SPOT ELEVATIONS

AS-BUILT GRADES TOP OF ASPHALT

HIGH POINT





SBS CONSTRUCTION AND ENGINEERING, LLC

CT, NW EXICO 87114	PLAN	SHEET#	
10209 SNOWFLAKE CT., NW ALBUQUERQUE, NEW MEXICO 87114 (505)899-5570	4915 LOMAS BLVD., NE GRADING AND DRAINAGE PLAN	DATE:	06-18-2024
	1915 LOMAS ADING AND	DRAWN BY:	SH-B
REZA AFAGHPOUR P.E. #11814	GR	DRAWING:	202313.DWG
2			

Private Drainage Facilities within City Right-of-Way Notice to Contractor

meeting prior to firming.

3. An excavation permit will be required before beginning any work within City Right-Of-Way.

4. All work on this project half to performed in accordance with the work on this project half to performed in accordance with the project half to performed in and regulations concurring construction safety and health.

5. Two working data prior to any exception, the contractor must contact New Mexico One call, dail **21.** (or (55):260-1990) for the Location of easing utilities.

... n. convenion or example the contractor shall because and welfy the bloom soft all obstances shall be contraction, the contractor shall be contract each the treatment asked midth the regiment or plant the conflict can be recorded as the contract asked midth the regiment or plant the conflict can be a Reading for experience of the section of the conflict can be a Manimensor of the facility shall be exceeding the traffic (stress to owner of the proposely legisle sevene. It expressely legisle sevene. It expressely the bloom of the facility shall be responsible to the contract on the contract som malaritates shall be presented to a 24-hour basis. In Contractor must contract som malaritates from Malaritates are \$(505) \$87-8833 but not schedule a contraction impedient for recenting impedients, contact Construction Coordination at (\$92) \$84-8416.

Q-CLIP1.5 H = 0.67 , C = 2.95, L-24" (2.00)

GRAPHIC SCALE