

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

May 1, 2023

Lauren A. Nuffer, P.E.  
Kimley-Horn and Associates, Inc.  
1100 W Town and Country Rd., Suite 700  
Orange, CA 92868

**RE: Starbucks - Wyoming Blvd. NE**  
**Grading Plan and Drainage Report**  
**Engineer's Stamp Date: 03/31/23**  
**Hydrology File: H20D003E**

Dear Ms. Nuffer:

Based upon the information provided in your submittal received 03/31/2023, the Grading Plan and Drainage Report are 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.
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 pond per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

NM 87103

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 (Dough Hughes, PE, [jhughes@cabq.gov](mailto:jhughes@cabq.gov), 924-3420) 14 days prior to any earth disturbance.

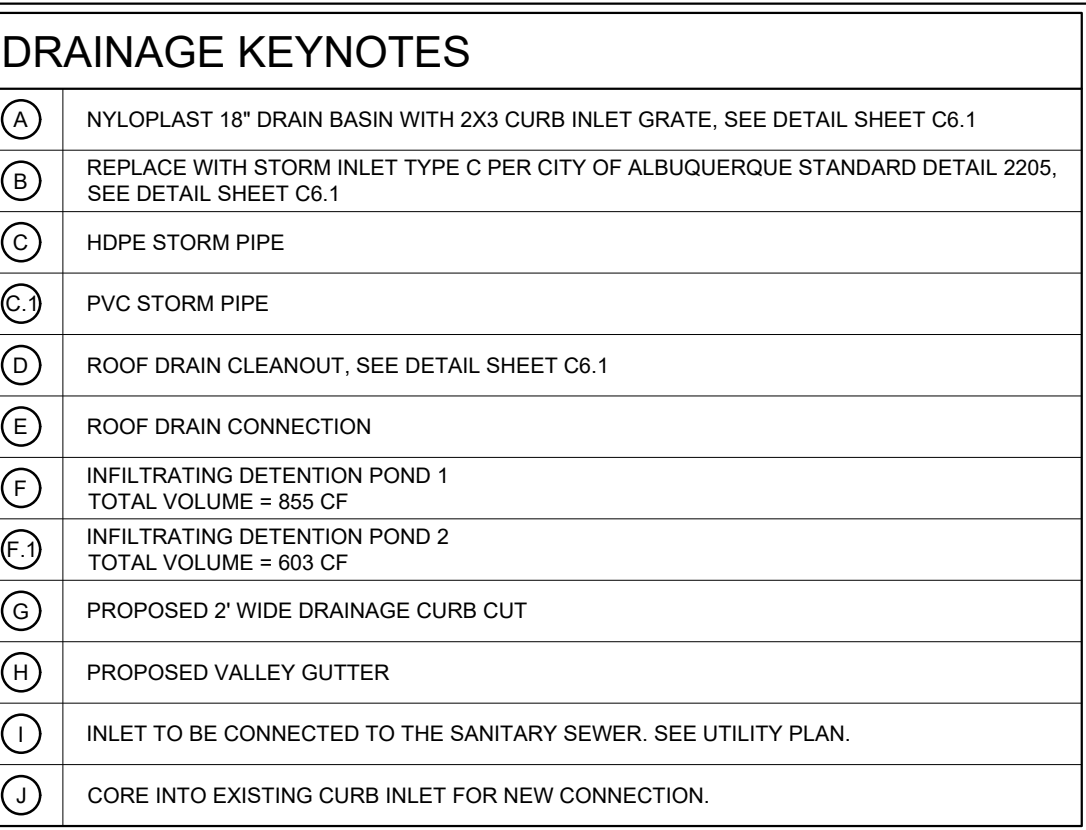
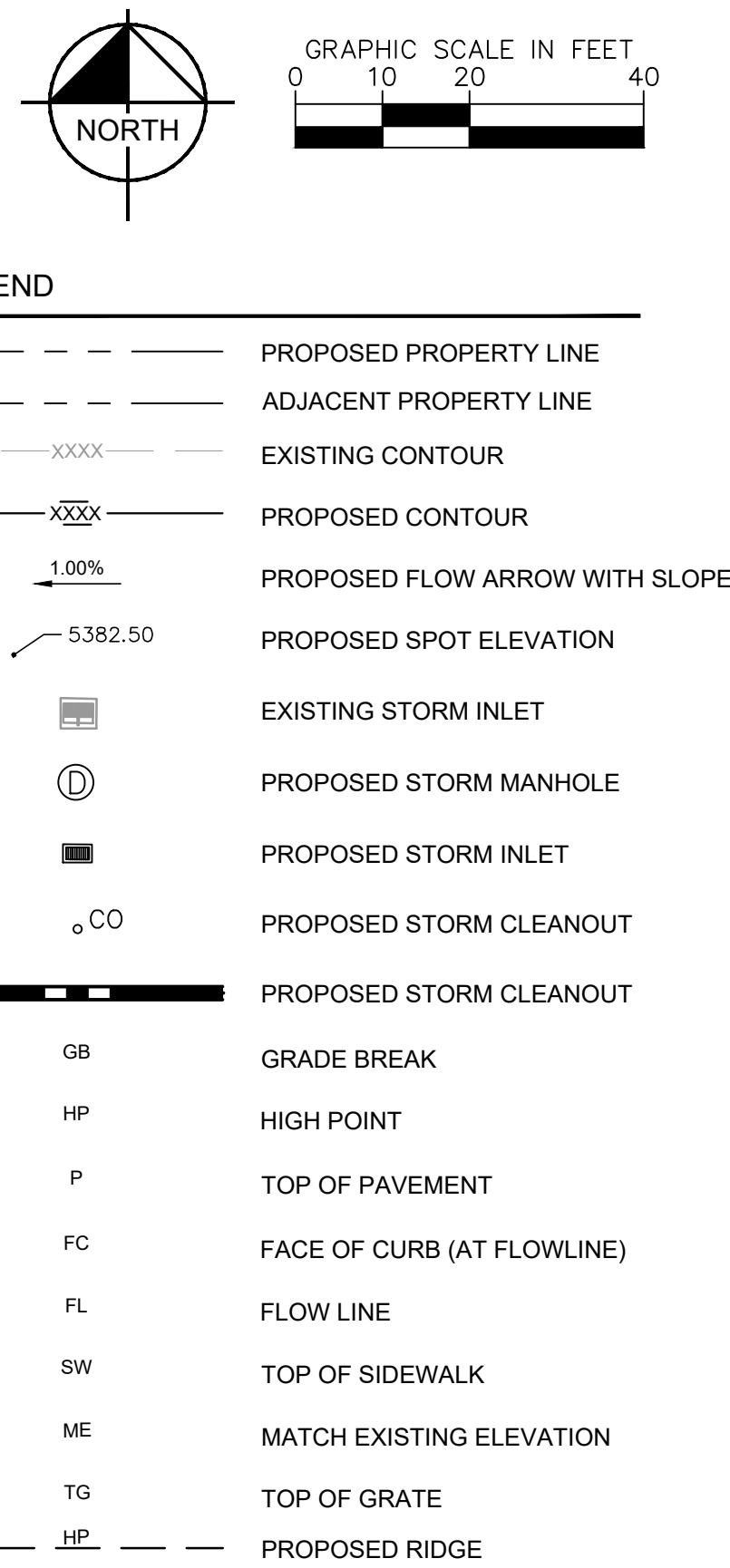
If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

*Renée C. Brissette*

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





THE PROJECT SITE IS LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF WYOMING BOULEVARD NE AND NORTHEASTERN BOULEVARD NE IN THE CITY OF ALBUQUERQUE, NM. THE SITE IS ZONED AND PLANNED FOR COMMERCIAL DEVELOPMENT, AND THE USE PROPOSED IS A RESTAURANT WITH DRIVE-THROUGH, AS SHOWN BY MAP #35001C0356H OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FEMA FOR BERNALILLO COUNTY, NEW MEXICO DATED AUGUST 16, 2012. THE SITE IS LOCATED IN ZONE X AND IS NOT WITHIN A FLOOD HAZARD AREA.

CHAPTER 6 OF THE COA DPM WAS UTILIZED TO CALCULATE THE PEAK FLOW AND RUNOFF VOLUME FOR 10-YEAR AND 100-YEAR, 24-HOUR STORM EVENTS. THE SITE IS LOCATED IN PRECIPITATION ZONE 3. EXISTING BASIN INFORMATION WAS OBTAINED BY SITE AERIALS AND TOPOGRAPHIC SURVEY.

THE SITE HISTORICALLY WAS FULLY DEVELOPED, CONTAINED A 11,637 SF BUILDING WITH ASSOCIATED PARKING AND LANDSCAPING. THE SITE IN THE INTERIM CONDITION IS A MASS GRADED SITE WITH NO DEVELOPMENT. THE SITE HISTORICALLY AND IN THE INTERIM CONDITION SURFACE FLOWS TO THE SOUTH TO TWO EXISTING INLETS ON THE SITE, ONE ON THE WEST SIDE AND ONE ON THE EAST SIDE. THE EXISTING STORM DRAIN INLETS DISCHARGE INTO THE PUBLIC STORM DRAIN SYSTEM IN NORTHEASTERN BOULEVARD NE AND WYOMING BOULEVARD NE.

THE PROJECT IMPROVEMENTS WILL INCLUDE INSTALLATION OF A RESTAURANT WITH DRIVE- THROUGH, CUSTOMER PARKING, SITE DRIVEWAYS, AND LANDSCAPE AREAS. THE PROJECT SITE GENERATES A PEAK FLOW OF 3.64 CFS IN THE 100-YEAR, 6-HOUR STORM EVENT. THE PROPOSED DEVELOPMENT WILL DECREASE THE AMOUNT OF IMPERVIOUS COVER WHEN COMPARED TO THE EXISTING CONDITIONS AND WILL THUS DECREASE THE PEAK DISCHARGE GENERATED BY THE SITE.

THE PROPOSED DEVELOPMENT WILL NOT INCREASE RUNOFF FROM THE SITE NOR WILL IT CHANGE EXISTING DRAINAGE PATTERNS. THE SITE WILL DISCHARGE TO AN EXISTING STORM SEWER ON NORTHEASTERN BOULEVARD NE.

⊕ BENCHMARK #1\*  
A.G.R.S. MONUMENT "13\_H21"  
NORTHING: 1,496,268.794  
EASTING: 1,555,770.607  
ELEVATION: 5499.574 (NAVD 1988)  
GROUND TO GRID FACTOR: 0.999649002  
DELTA ALPHA ANGLE: -0°09'46.08"

⊕ BENCHMARK #2\*  
A.G.R.S. MONUMENT "14\_H20"  
NORTHING: 1,495,141.626  
EASTING: 1,551,771.675  
ELEVATION: 5415.798 (NAVD 1988)  
GROUND TO GRID FACTOR: 0.999653810  
DELTA ALPHA ANGLE: -0°10'13.69"

\*SEE DIMENSION CONTROL PLAN, SHEET C5.1,  
FOR LOCATIONS

Excess Precipitation E (in)				Peak Discharge (cfs/acre)				SWQ VOL	
Zone 3	100-Year	10-Year		Zone 3	100-Year	10-Year		Impervious Area (sf)	27,018
Ea	0.67	0.18		Qa	1.84	0.51		SWQ VOL Required (CF)*	945
Eb	0.86	0.34		Qb	2.49	1.07		SWQ VOL Provided (CF)	1,100
Ec	1.09	0.52		Qc	3.17	1.69		*0.26 in per impervious SF	
Ed	2.58	1.64		Qd	4.49	2.81			

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN  
ZONE "X" OF THE FLOOD INSURANCE RATE MAP  
(FIRM), COMMUNITY PANEL NO. 35001C0356H, WHICH  
BEARS AN EFFECTIVE DATE OF AUGUST 16, 2012 AND  
IS NOT IN A SPECIAL FLOOD HAZARD AREA.



**Kimley»»Horn**  
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1201 3RD AVE SUITE 2500, SEATTLE, WA 98101  
PHONE: (206) 970-1900  
WWW.KIMLEY-HORN.COM



STARBUCKS COFFEE  
COMPANY  
2401 UTAH AVENUE SOUTH  
SEATTLE, WASHINGTON 98134  
(206) 318-1575

