

# CITY OF ALBUQUERQUE

*Planning Department*  
Alan Varela, Director



*Mayor Timothy M. Keller*

June 20, 2023

Scott McGee, P.E.  
9700 Sand Verbena Trail NE  
Albuquerque, NM 87122

**RE: Starbucks Development**  
**1440 Coors Blvd. NW**  
**Permanent C.O. – Accepted**  
**Engineer's Certification Date: 06/15/23**  
**Engineer's Stamp Date: 08/22/22**  
**Hydrology File: J11D017**

Dear Mr. McGee:

PO Box 1293  
Albuquerque  
NM 87103

Based on the Certification received 06/16/2023 and site visit on 06/16/2023, this letter serves as a “green tag” from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

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

Sincerely,

[www.cabq.gov](http://www.cabq.gov)

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 10/2018)

**Project Title:** \_\_\_\_\_ **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_

**Legal Description:** \_\_\_\_\_

**City Address:** \_\_\_\_\_

**Applicant:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**TYPE OF DEVELOPMENT:** \_\_\_\_\_ 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: \_\_\_\_\_

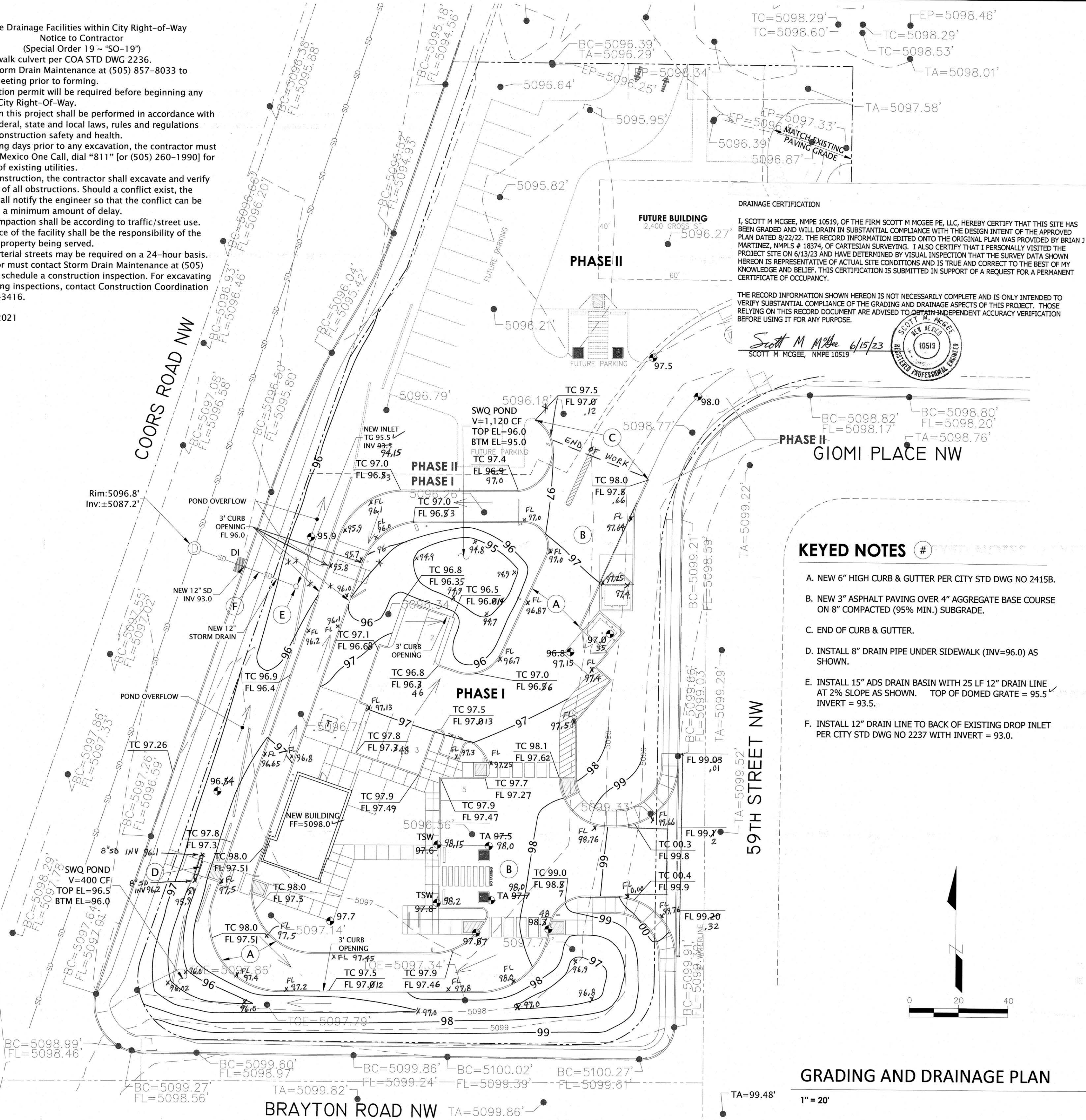
FEE PAID: \_\_\_\_\_



Private Drainage Facilities within City Right-of-Way  
Notice to Contractor  
(Special Order 19 ~ "SO-19")

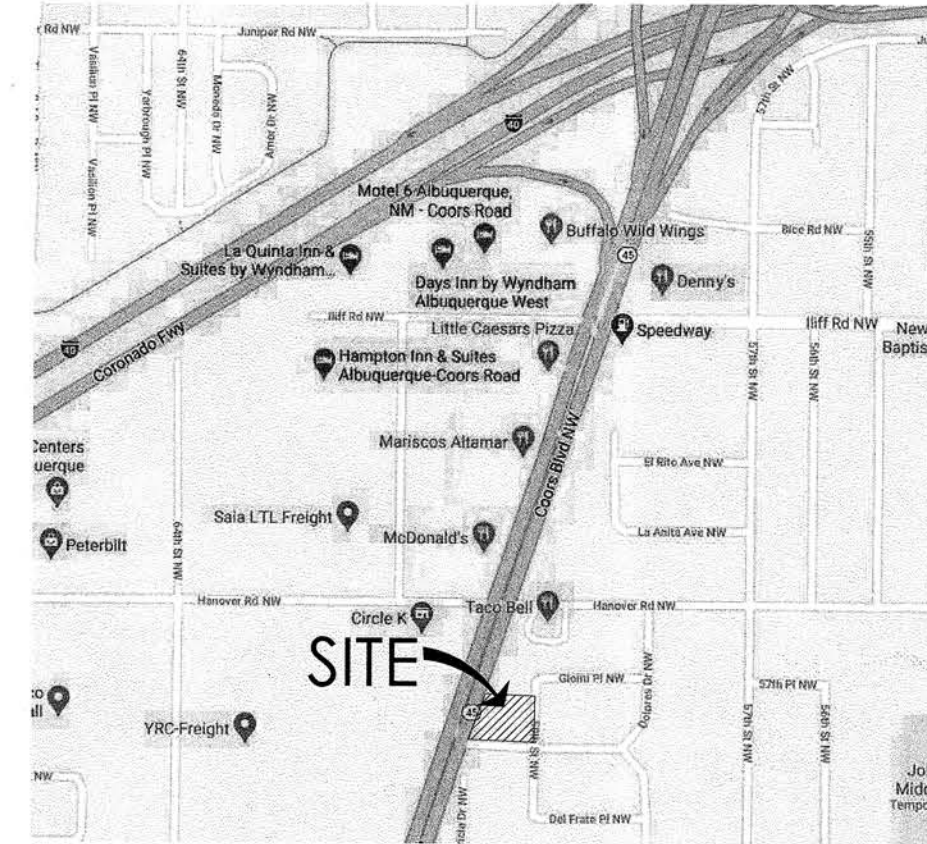
1. Build sidewalk culvert per COA STD DWG 2236.
2. Contact Storm Drain Maintenance at (505) 857-8033 to schedule a meeting prior to forming.
3. An excavation permit will be required before beginning any work within City Right-Of-Way.
4. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
5. Two working days prior to any excavation, the contractor must contact New Mexico One Call, dial "811" for (505) 260-1990 for the location of existing utilities.
6. Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
7. Backfill compaction shall be according to traffic/street use.
8. Maintenance of the facility shall be the responsibility of the owner of the property being served.
9. Work on arterial streets may be required on a 24-hour basis.
10. Contractor must contact Storm Drain Maintenance at (505) 857-8033 to schedule a construction inspection. For excavating and barricading inspections, contact Construction Coordination at (505) 924-3416.

REV. 01/27/2021



## LEGEND

---	EXISTING CONTOUR LINE
---	NEW CONTOUR LINE
SD	STORM DRAIN
F=5098.0	FINISH FLOOR ELEVATION
96.5	NEW SPOT ELEVATION
TC 99.0 FL 98.5	TOP OF CURB FLOW LINE
x 94.8	AS BUILT ELEVATION



## VICINITY MAP

NOT TO SCALE

## KEYED NOTES #

- A. NEW 6" HIGH CURB & GUTTER PER CITY STD DWG NO 2415B.
- B. NEW 3" ASPHALT PAVING OVER 4" AGGREGATE BASE COURSE ON 8" COMPACTED (95% MIN.) SUBGRADE.
- C. END OF CURB & GUTTER.
- D. INSTALL 8" DRAIN PIPE UNDER SIDEWALK (INV=96.0) AS SHOWN.
- E. INSTALL 15" ADS DRAIN BASIN WITH 25 LF 12" DRAIN LINE AT 2% SLOPE AS SHOWN. TOP OF DOMED GRATE = 95.5' INVERT = 93.5'.
- F. INSTALL 12" DRAIN LINE TO BACK OF EXISTING DROP INLET PER CITY STD DWG NO 2237 WITH INVERT = 93.0'.

## DRAINAGE CALCULATIONS

LEGAL: Lot A-3-A, Block D Glenrio Heights, Albuquerque, NM  
AREA: 1.60 acres (Phase I = 0.94 AC)  
BENCHMARK: ACS monument "6-J10" with ELEV=5119.814  
SURVEYOR: CSI-Cartesian Surveys Inc. dated April, 2021

FLOOD HAZARD: From FEMA Panel 35001C0327J (11/04/16), this site is shown as being within Zone 'X' an area of minimal flood hazard which is located outside the 0.2% annual chance floodplain

EXISTING CONDITIONS: The undeveloped site is a relatively flat commercial lot bounded by Coors Blvd (west), Brayton Rd (south), 59 th St (east), and a commercial development to the north.

OFFSITE FLOW: No offsite flows enter the site.

PROPOSED IMPROVEMENTS: The proposed improvements include a 935 SF building, paved access and parking, and associated landscaping. A drive-through lane is proposed along the west side of the building.

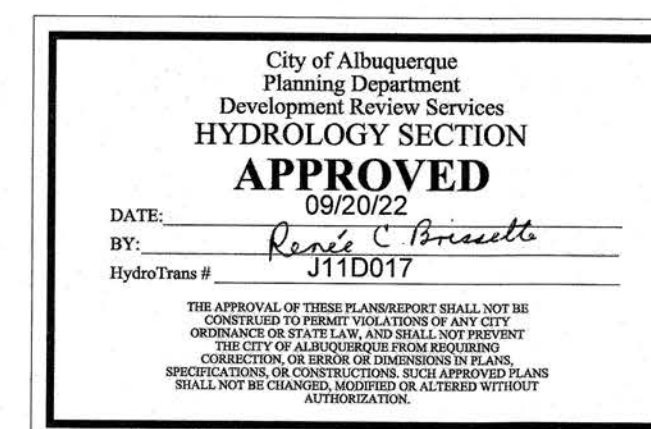
DRAINAGE APPROACH: Developed runoff will be directed to depressed landscape areas which provide the Stormwater Quality (SWQ) volume. Runoff will be carried overland on asphalt paved surfaces. The site will discharge to the northwest as it does currently.

DRAINAGE CALCULATIONS: Based on hydrologic Zone 1  
Existing land treatment: 100% compacted dirt land treatment 'C'  
 $Q_{100} = (0.94)(2.87) = 2.7$  CFS

Proposed land treatment: 45% C (xeric) and 55% D (22,520 SF)  
 $Q = [(0.45)(2.87) + (.55)(4.12)](0.94) = 3.3$  CFS  
 $SWQ V = 22,520 SF \times (0.42"/12) = 788$  CF (1,520 CF &gt; 788 OK)

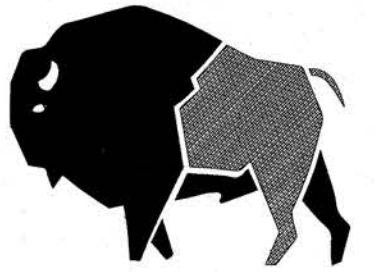
With the proposed development, this minor runoff increase is offset with onsite SWQ volume retention and the impact to downstream drainage facilities is minimal.

For 3' curb opening—Weir  $Q = CLH^3/2 = (2.7)(3)(0.5)^3/2 = 2.8$  CFS



## GRADING AND DRAINAGE PLAN

1" = 20'



buffalodesign  
architects

10899 montgomery blvd ne  
suite a  
albuquerque, nm 87111

SEAL



PROJECT

**STARBUCKS COFFEE COMPANY  
BUILDING SHELL & SITE DEVELOPMENT**  
1400 COORS BOULEVARD, NW  
ALBUQUERQUE, NEW MEXICO

REVISIONS	DATE	DESCRIPTION

CLIENT PROJ #:  
ARCHT PROJ #:  
DRAWN BY:  
CHECKED BY:  
DATE March 17, 2022  
SHEET TITLE

**C101**