

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

December 22, 2022

Scott McGee, P.E.
SMM PE LLC
790 Tramway Lane NE #10C
Albuquerque, NM 87122

RE: BOB'S BURGERS III
305 Eubank Blvd. NE, Albuquerque, NM 87123
Grading and Drainage Plan
Engineer's Stamp Date: 10/10/2022
Hydrology File: K20D049

Dear Mr. McGee:

Based upon the information provided in your submittal received 10/24/2022, the Grading & Drainage Plan is approved for Building Permit approval. 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 CERTIFICATE OF OCCUPANCY:

Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is 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, 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 924-3695 or tchen@cabq.gov.

Sincerely,

Tiequan Chen, P.E.
Principal Engineer, Hydrology
Planning Department, Development Review Services

File: K20D049



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:** _____

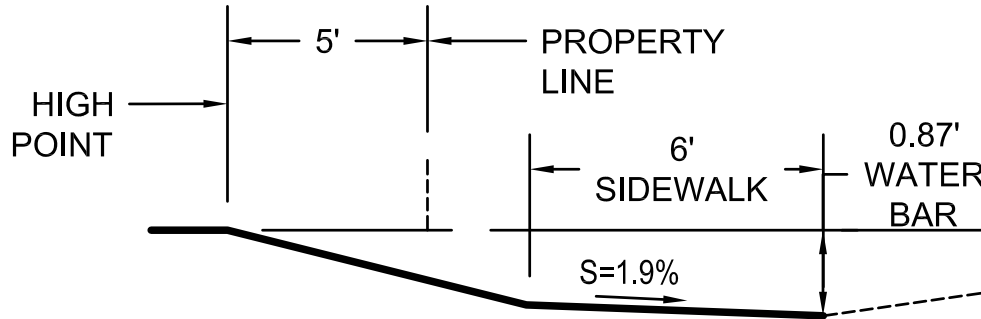
COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

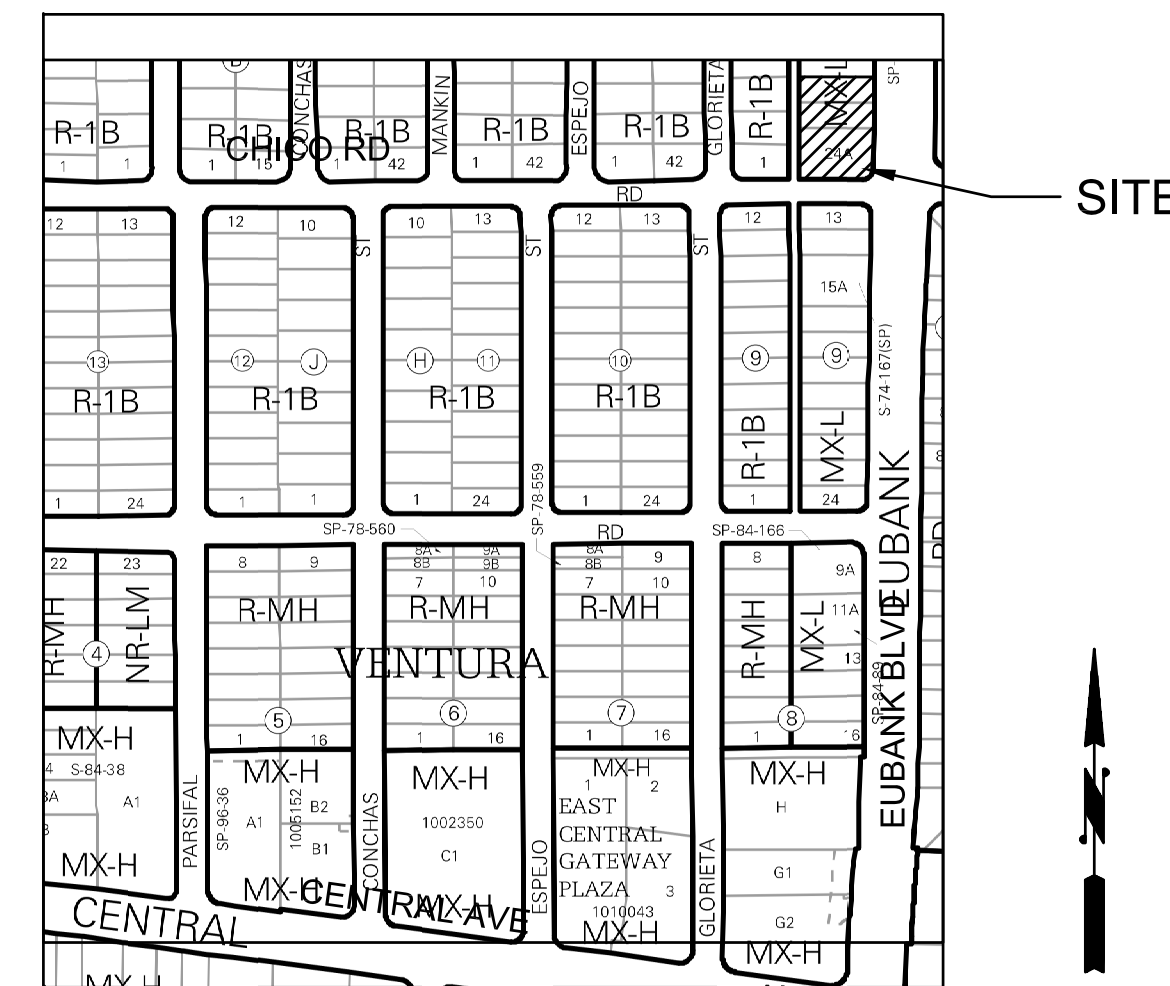
FEE PAID: _____

KEYED R/W CONSTRUCTION NOTES

- A. INSTALL NEW 24' ENTRY DRIVE PER CITY STD DWG 2425.
- B. INSTALL 18" WIDE SIDEWALK CULVERT PER CITY STD DWG 2236 FROM PROPERTY LINE TO CURB FACE.
- C. REMOVE EXISTING DRIVEPAD TO NEAREST CONTROL JOINT AND REPLACE WITH STANDARD CURB & GUTTER AND SIDEWALK PER COA STD DWGS 2415A & 2430.



D3 ENTRY DRIVE SECTION
SCALE: NTS



VICINITY MAP K-20-Z

LEGEND

- EXISTING CONTOURS
--- NEW CONTOUR
FF = 5457.2 PROPOSED BUILDING FINISH FLOOR ELEV
◆ 36.5 NEW SPOT ELEVATION
--- NEW CONSTRUCTION
RD ROOF DRAIN
TC TOP OF CURB
○ ○ ○ ○ ○ DRAINAGE BASIN BOUNDARY

DRAINAGE ANALYSIS

LEGAL: Lots, 21, 22, and 24-A, Block 24 Buena Ventura

AREA: 0.65 acres (28,306 SF)

BENCHMARK: AGRS monument '5-K20', ELEV= 5429.995 (NAVD 1988)

SURVEYOR: Precision Surveys, Inc. dated January, 2022

FLOOD HAZARD: From FIRM Panel 35001C0358H (8/16/12), this site is identified as being within Zone 'X'; areas of 0.2% annual chance flood, areas of 1% annual chance flood depth of < 1' or with drainage areas protected by levees from 1% annual chance flood.

EXISTING CONDITIONS: The site is an existing commercial development located at the NW corner of Eubank Blvd and Chico Road NE. The commercial area includes an existing building and an asphalt-paved parking lot.

OFFSITE FLOWS: No offsite flow enters the site.

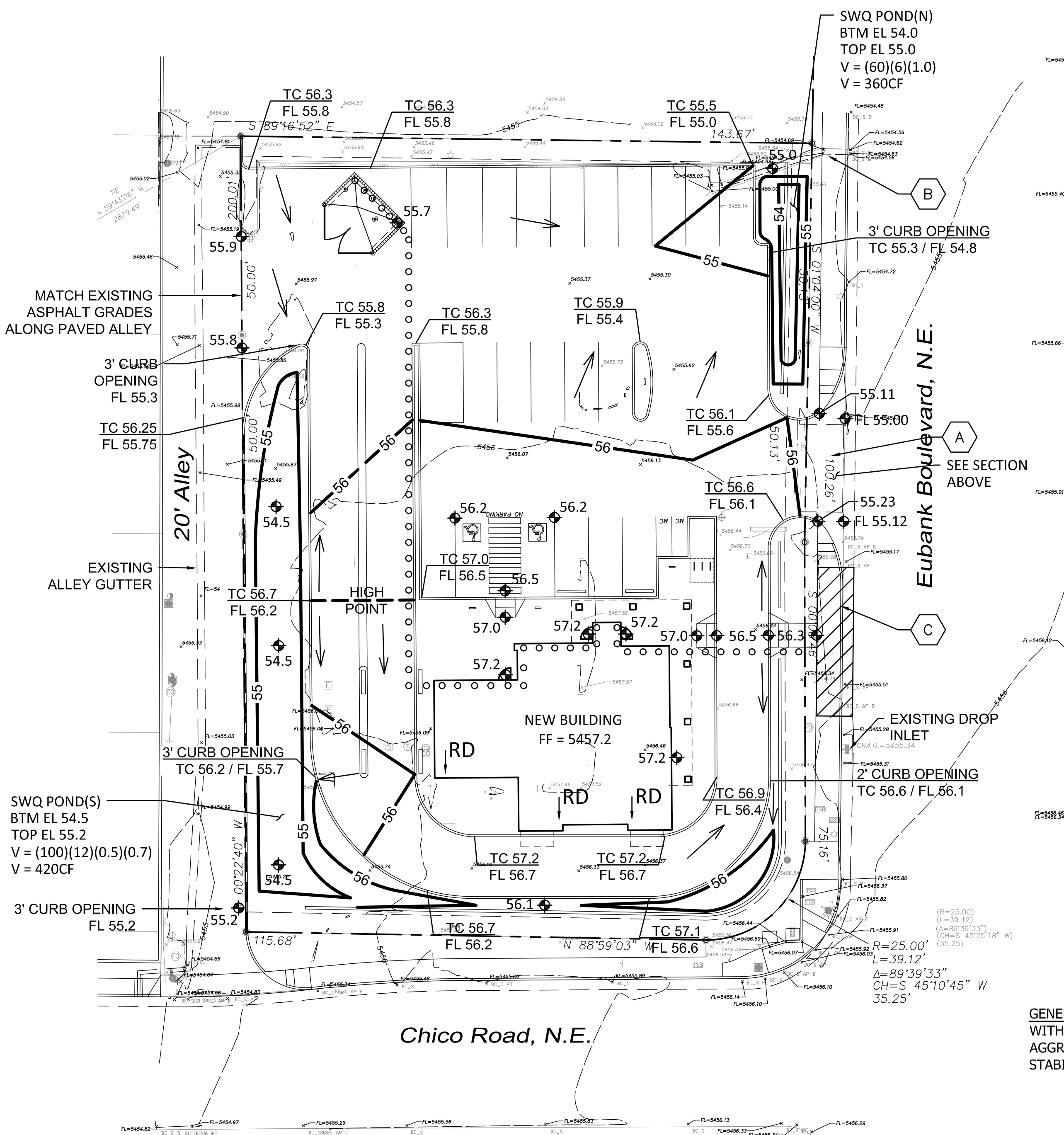
PROPOSED IMPROVEMENTS: The proposed improvements include a 2,055 SF building with adjacent double drive through lane, paved parking, and xeric landscaping.

DRAINAGE APPROACH: The proposed drainage plan will direct the building rooftop flow toward a depressed landscape area at the SW corner of the site. Runoff from the north half of the site will flow to the NE corner of the site.

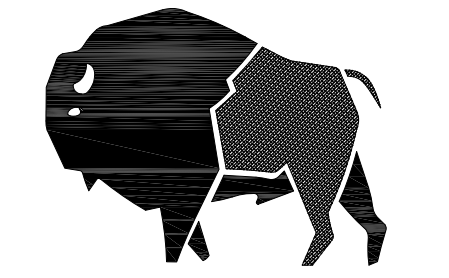
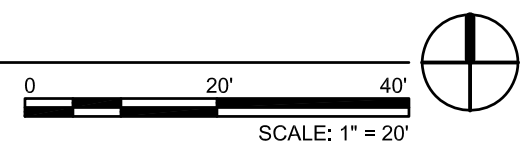
HYDROLOGY: Existing site land treatment: 28% C and 72% D
Precipitation Zone 3 --- $Q = (.18)(3.17) + (.47)(4.49) = 2.7$ CFS

The developed flow is based on 17% C and 83% D (23,442 SF)
Developed $Q = (.11)(3.17) + (.64)(4.49) = 3.2$ CFS
South SWQ $V = (10,902)(.34/12) = 309$ CF (420 CF Provided)
North SWQ $V = (12,540)(.34/12) = 355$ CF (360 CF Provided)

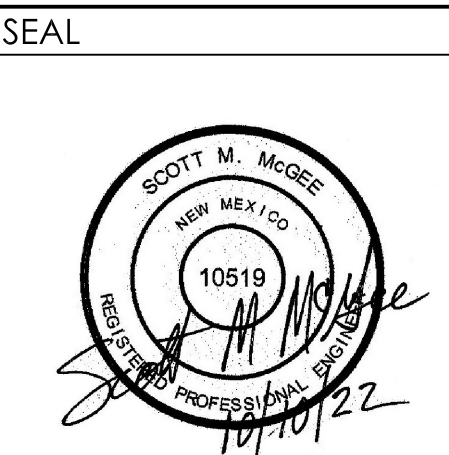
Since the impervious portion of the runoff is discharged to the depressed landscape areas, the effective site runoff will be mitigated by the onsite retention.



A1 GRADING & DRAINAGE PLAN



buffalodesign
architects
10899 montgomery blvd ne
suite a
albuquerque, nm 87111



PROJECT

BOB'S BURGERS III
DRIVE-THRU RESTAURANT
305 EUBANK BLVD. NE
ALBUQUERQUE, NM 87123

REVISIONS

CLIENT PROJ #:
ARCHT PROJ #: A21.03
DRAWN BY: JSK
CHECKED BY: SMM
DATE: September 9, 2022

SHEET TITLE
GRADING &
DRAINAGE PLAN

C-101