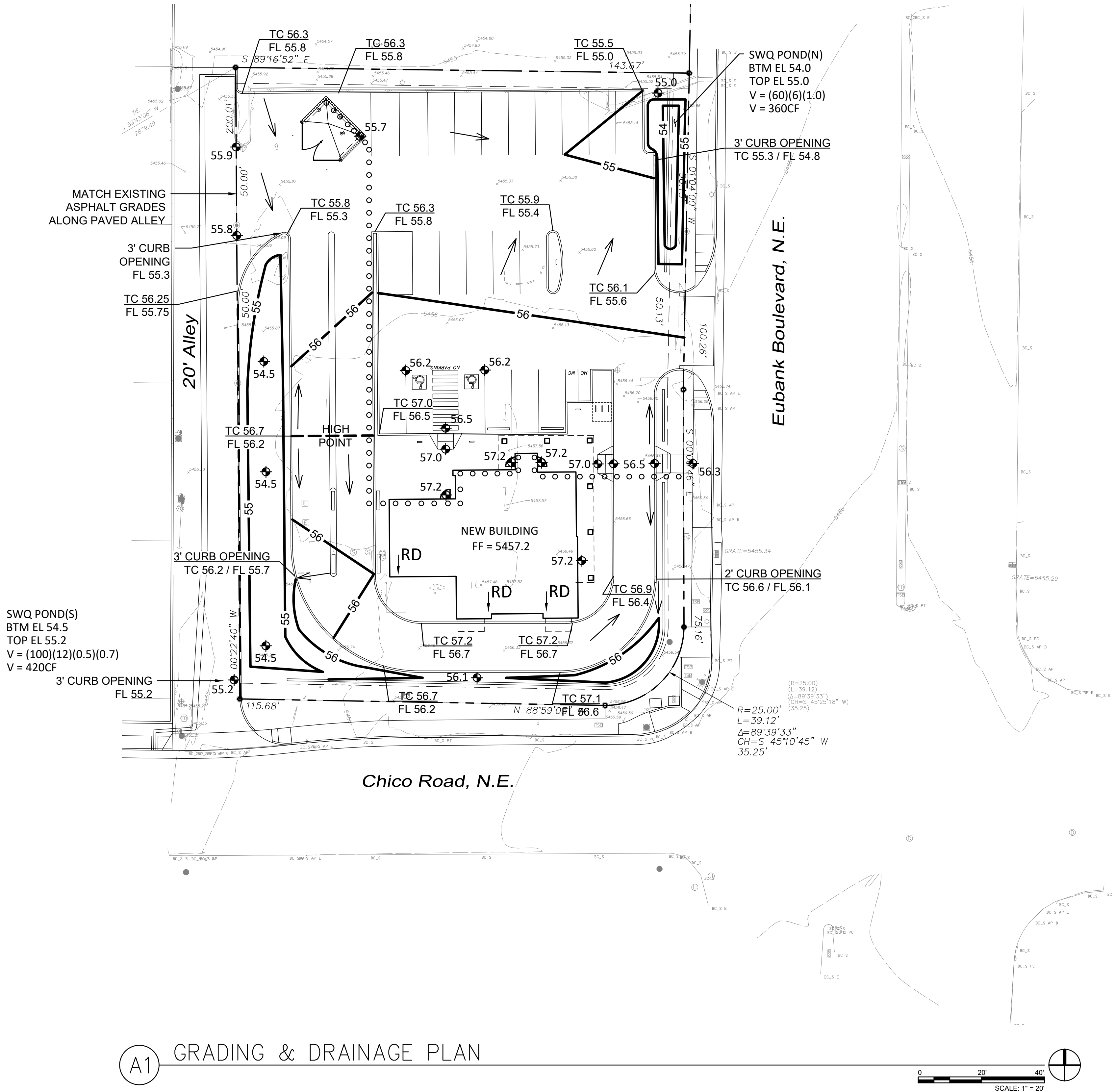


D

C

B

A



VICINITY MAP

K-20-Z

LEGEND

- EXISTING CONTOURS
- NEW CONTOUR
- FF = 5457.2 PROPOSED BUILDING FINISH FLOOR ELEV
- 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.

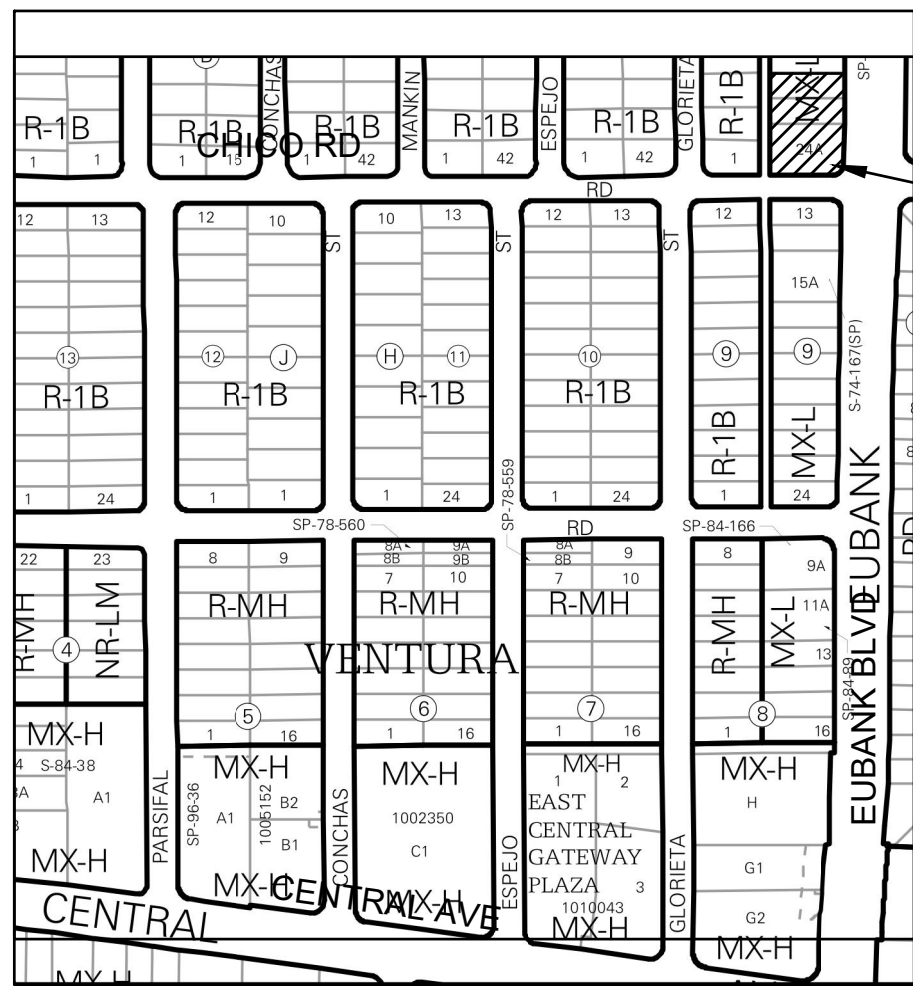
PROPOSED IMPROVEMENTS: The proposed improvements include a 2,055 SF building with adjacent double drive through lane, paved parking, and xeric landscaping.

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.

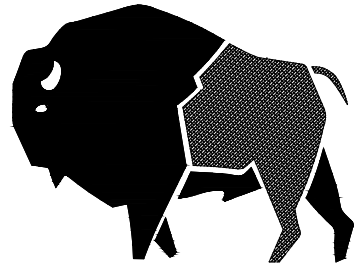
HYDROLOGY: Existing site land treatment: 28% C and 72% D
Precipitation Zone 3 --- Q= (.18)(3.17)+(.47)(4.49)= 2.7 CFS

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.



SITE

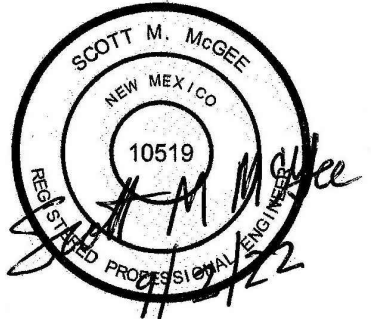


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SEAL



PROJECT

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

REVISIONS

CLIENT PROJ #:
ARCHT PROJ #:
DRAWN BY:
CHECKED BY:
DATE:

SHEET TITLE
GRADING &
DRAINAGE PLAN

C-101