CITY OF ALBUQUERQUE



April 11, 2017

Richard J. Berry, Mayor

Martin J. Garcia, PE. Anchor Engineering LLC 1035 South Bosque Loop Bosque Farms, NM 87068

RE: Fast Food Restaurant

Grading and Drainage Plan

Engineer's Stamp Date 4-7-2017 (File: B14D001)

Dear Mr. Garcia:

Based upon the information provided in your submittal received 4-7-2017, the above referenced Grading and Drainage Plan is approved for grading permit.

When submitting for building permit please address the following comments:

- 1. Provide size for the existing storm drain on the west side of the site.
- 2. Provide calculation for emergency overflow.
- 3. Provide more spot elevations along the curb and between curb cut on the south side of the pond.
- 4. Are sidewalk culverts being proposed at the same down spots? Roof flows should not discharge directly onto the sidewalk.
- 5. Provide details for the trash enclosure to ensure runoff will remain within the enclosure. Included a note that the drain must be connected to a Grease Trap then to the sewer system. Show the location of the Grease Trap and the inverts for the pipe.

www.cabq.gov

New Mexico 87103

PO Box 1293

Albuquerque

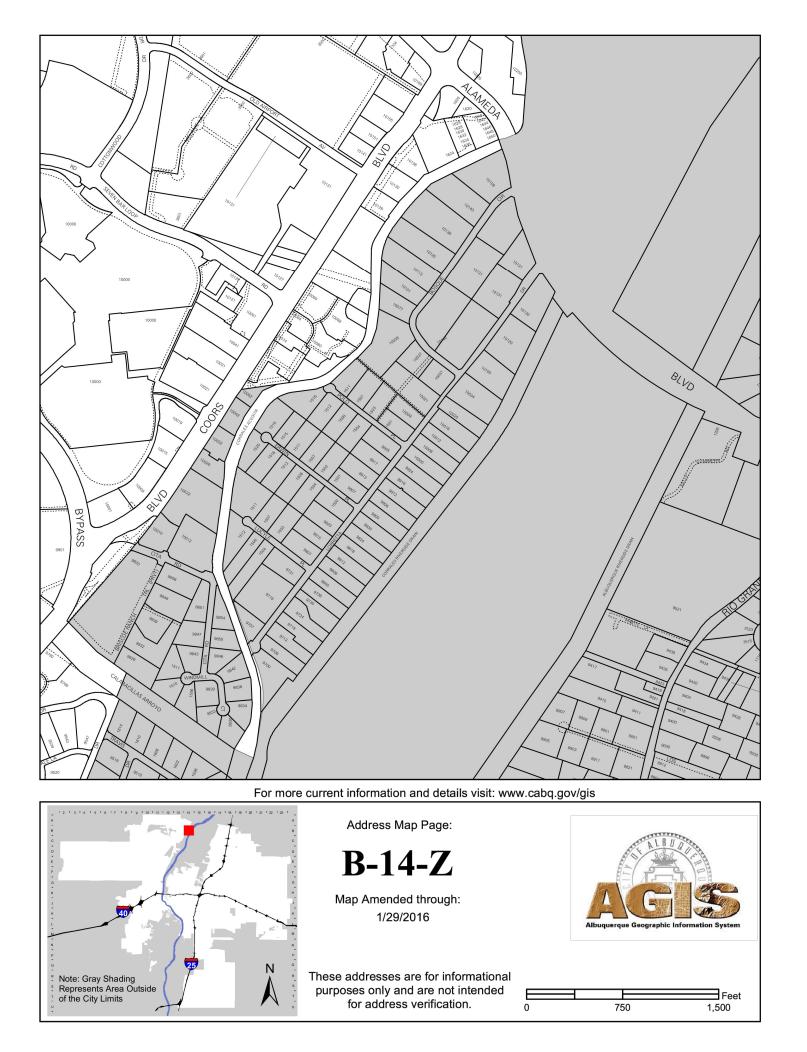
If you have any questions, you can contact me at 924-3999.

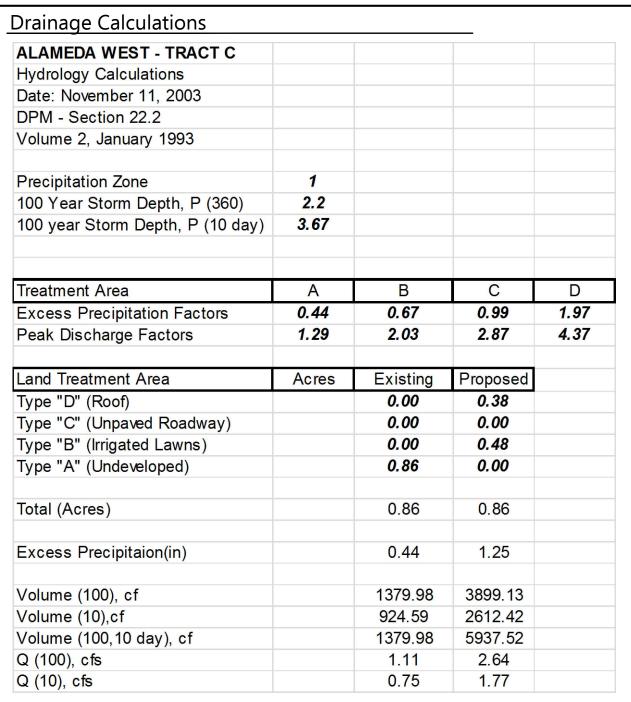
Sincerely,

Shahab Biazar, P.E.

City Engineer, Planning Dept. Development Review Services

MA/SB





Drainage Narrative

THE PURPOSE OF THIS GRADING AND DRAINAGE PLAN IS TO RECLAIM THE PROPERTY HEREIN FOR DEVELOPMENT, ORIGINALLY DESIGNATED AS A DRAINAGE POND OF THE ALAMEDA WEST SHOPPING CENTER. SEE DRAINAGE REPORT.

Pond	Vo	lume

FLUSH POND

IMPERVIOUS AREA — 0.38 x 43560 = 16552.8 SF

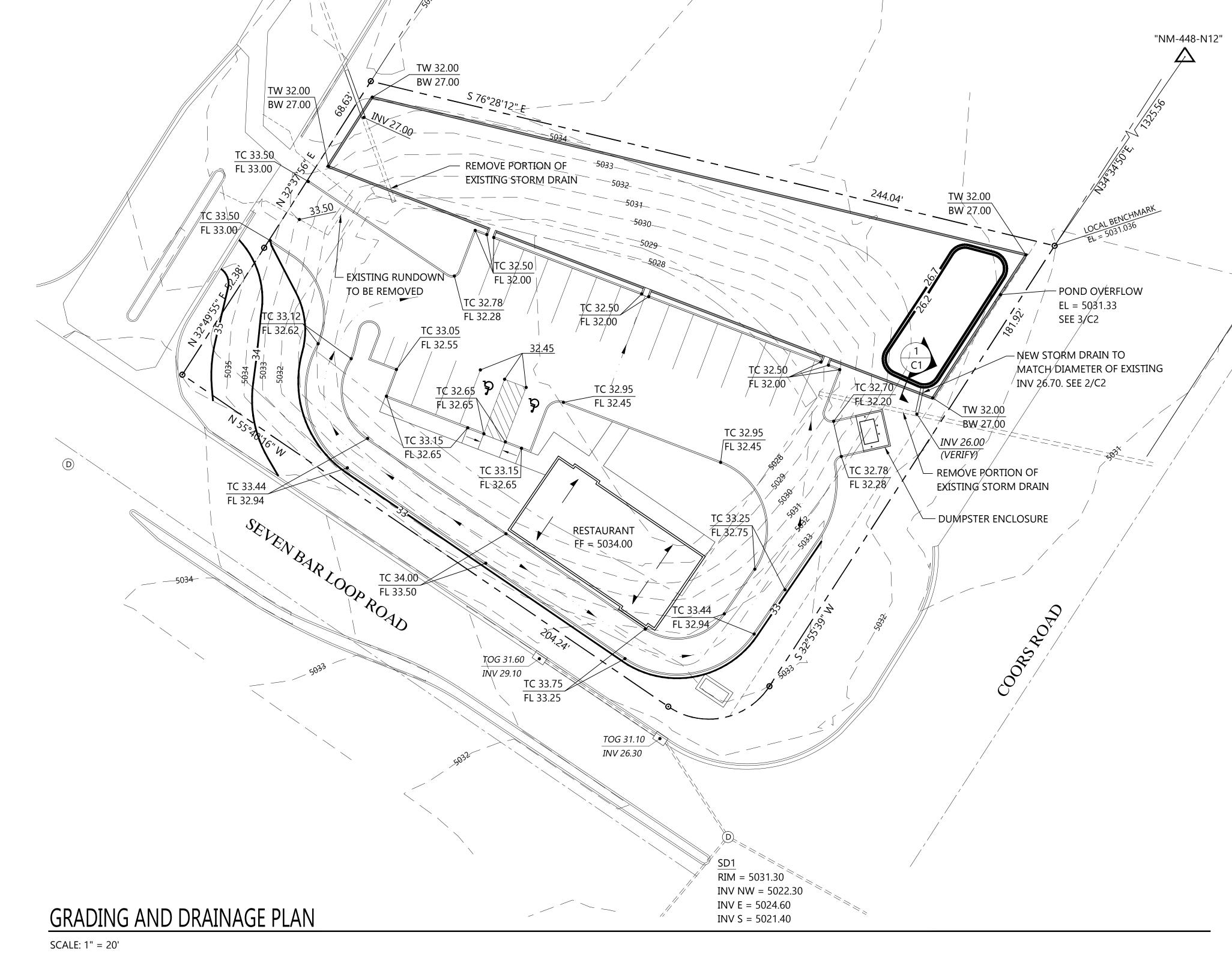
PONDING PROVIDED:

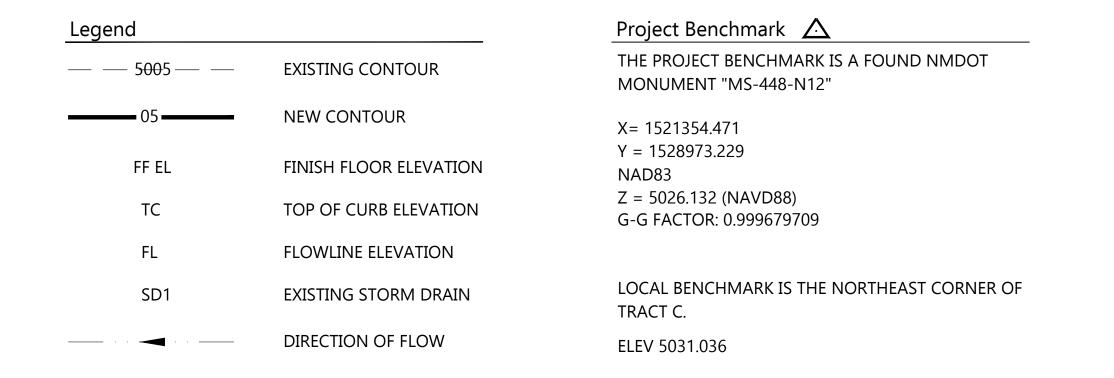
A26.2 = 936.97 SF

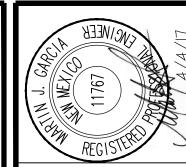
A26.7 = 1079.25 SF

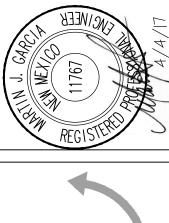
VOL 26.5 & 27: 936.97 + 1079.25 = $\frac{2016.22}{2}$ x 0.5 = $\frac{504.05 \text{ CF}}{2}$

WATER SURFACE ELEV = 5027.00 + 4.19 = 5031.19 (SEE AHYMO)







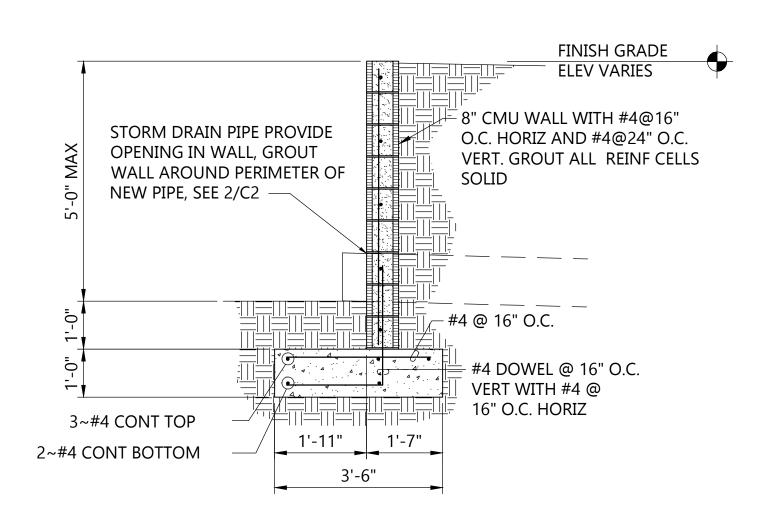


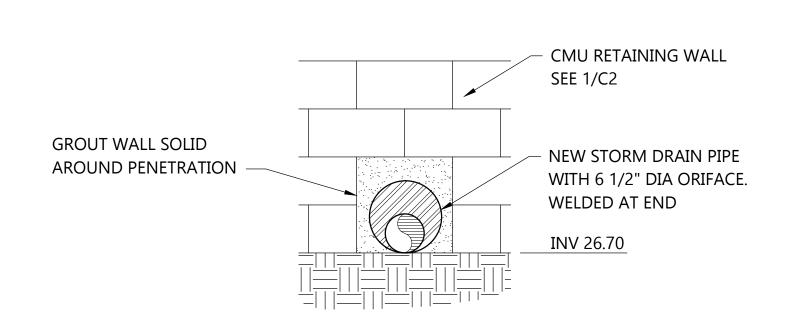


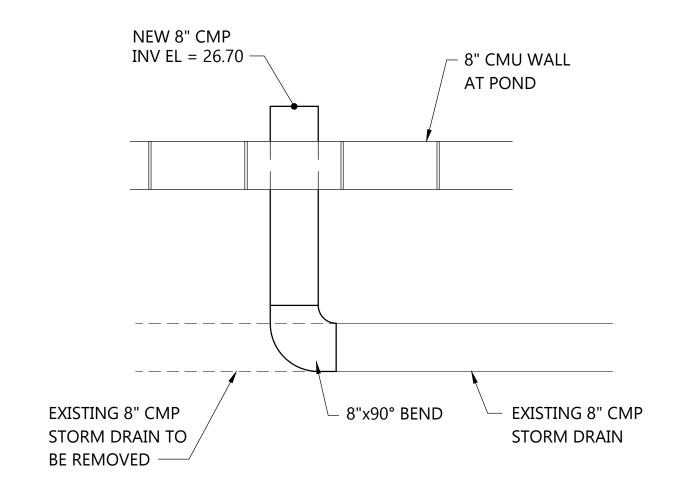
NH>-N-OZS

AND

GRADING





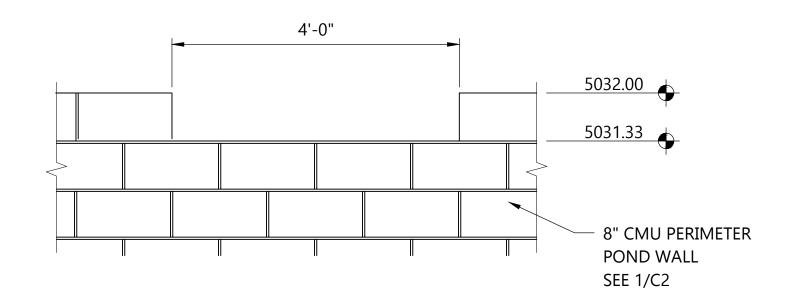


POND RETAINING WALL

SCALE: 1/2" = 1'-0"

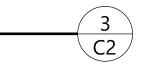
STORM DRAIN PIPE DETAIL

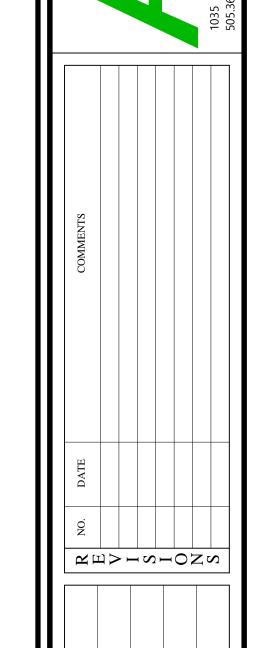
SCALE: 3/4" = 1'-0"



EMERGENCY POND OVERFLOW

SCALE: 1/2" = 1'-0"





ANT SITE	PROJECT NO.	16-035
HOPPING CENIER	DATE:	4.4.2017
	DRAWN BY:	F PHILLIPS
ZT A 11 S	CHECKED BY:	M GARCIA
	SCALE:	1" = 20'

RESTAURANT
ALAMEDA WEST SHOP
ALBUQUERQUE, NE
SHEET TITLE

EEI

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