

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 20, 1996

Victor Chavez
Chavez-Grieves
5639 Jefferson NE
Albuquerque, NM 87109

RE: REVISED ENGINEER CERTIFICATION FOR GOVERNOR BENT ELEMENTARY
(G18-D19) CERTIFICATION STATEMENT DATED 2/8/96.

Dear Mr. Chavez:

Based on the information provided on your February 9, 1996 resubmittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File

HYDROLOGY

SIX HOUR RAINFALL DEPTH - 100 yr. (P_{360}) = 2.60 in.
 ZONE 3 10 yr. = 1.734 in.

Land Treatments:

BASIN "I"

Existing
 A = N/A
 B = N/A
 C = 1.797 Ac.
 D = N/A
 TOTAL = 1.797 Ac.

Proposed

A = N/A
 B = N/A
 C = 1.420 Ac.
 D = 0.377 Ac.
 TOTAL = 1.797 Ac.

BASINS "II", "III", "IV"

No Change

E = Excess Precipitation (in) - 6 hour storm.

BASIN "I"

Existing
 1.29 in.

Proposed
 $1.29 \times \left(\frac{1.420}{1.797}\right) + 2.36 \times \left(\frac{0.377}{1.797}\right) = 1.51$ in.

Volumes:

BASIN "I"

Existing: $1.29 + 12 \times (1.797 \text{ ac}) = 0.193 \text{ Ac-Ft} = 8,414 \text{ cf}$

Proposed: $1.51 + 12 \times (1.797 \text{ ac}) = 0.226 \text{ Ac-Ft} = 9,850 \text{ cf}$

Peak Discharge:

Existing: $3.45 \times (1.797 \text{ ac}) = 6.20 \text{ cfs}$

Proposed: $3.45 \times (1.42 \text{ ac}) + 5.02 \times (0.377) = 6.79 \text{ cfs}$

Pond Volume = 9850 CF

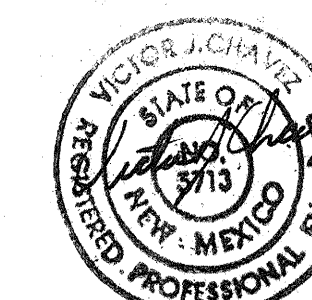
NOTICE TO CONTRACTOR

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

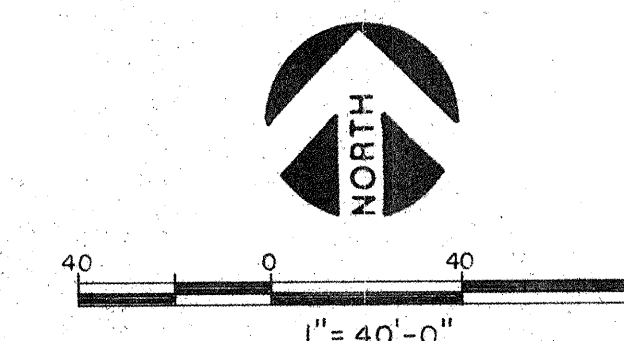
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DERESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

I HEREBY CERTIFY THIS AS-BUILT DRAINAGE PLAN IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN.
 SIGNED: *[Signature]*
 DATE: 1/28/96



ARCHITECTS • ENGINEERS • PLANNERS • INTERIOR DESIGNERS	
Date NOV. 13, 1991 Drawn by <i>[Signature]</i> Checked by <i>[Signature]</i>	Revisions 10/23/91
Project Name Project No. 32490 ALBUQUERQUE PUBLIC SCHOOLS GOVERNOR BENT ELEMENTARY SCHOOL REMODEL AND ADDITION 5700 HENDRIX NE, ALBUQUERQUE, NEW MEXICO 87110	
Sheet Title GRADING AND DRAINAGE PLAN	Sheet No. C1



LEGEND

DESCRIPTION	EXISTING	NEW
PROPERTY LINE	---	---
BUILDING	---	---
CONCRETE	---	---
CURB	---	---
CONTOUR	---	---
SPOT ELEV.	22.60	22.60
MANHOLE	○ MH	○ MH
WATER LINE	---	---
SANITARY SEWER LINE	---	---
GAS LINE	---	---
FIRE HYDRANT	○ FH	○ FH
FENCE	---	---
DIRECTION OF FLOW	---	---
BASIN LINE	---	---
AS BUILT SPOT ELEV.	22.62	22.60

LEGAL DESCRIPTION

TRACT "M" OF THE CORRECTED PLAT OF UNIT 6 OF THE ALTAMONTE ADDITION.

BENCH MARK

ACS BENCH MARK "6-G18" A SQUARE CHISELED ON TOP OF CONCRETE CURB AT THE ESE RETURN LOCATED AT THE INTERSECTION OF MONTGOMERY BOULEVARD AND MADEIRA DRIVE N.E. ELEVATION = 5224.898.

TEMPORARY BENCH MARK

TOP OF CONCRETE CURB ELEVATION = 5240.16. PAINTED MARK ON CURB AT LOCATION INDICATED ON PLAN.

SURVEY DATA

SURVEY DATA PROVIDED BY SOUTHWEST SURVEYING COMPANY, INC., ALBUQUERQUE, NEW MEXICO, AUGUST, 1991.

DESIGN NARRATIVE:

The majority of surface runoff from this 10.137 AC site is presently conveyed thru surface facilities in Madeira Street and Hendrix Road NE to the storm drain in Madeira Street NE. Because this line is operating at capacity the additional developed flow generated by construction on the Governor Bent Campus will be retained in a detention pond at the west end of the Campus.

GENERAL NOTE:

It will be the responsibility of the Owner to provide periodic maintenance of the pond. This proposed pond is a temporary measure and any further development will require downstream drainage capacity analysis.

