

August 3, 1998

Chris Weiss
C.L. Weiss Engineering
P.O. Box 97
Sandia Park, New Mexico 87047

RE: ENGINEER CERTIFICATION FOR RIO GRANDE ZOOLOGICAL PARK EDUCATION
CENTER EXPANSION (K13-D37) CERTIFICATION STATEMENT DATED 7/22/98

Dear Mr. Weiss:

Based on the information provided on your July 23, 1998 submittal, Engineer Certification for the
above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia ✓
File

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT TITLE: New Education Bldg. - Rio Grande Zoo ZONE ATLAS / DRNG. FILE #: K-13/D37
LEGAL DESCRIPTION: A portion of the Rio Grande Zoo, Albuquerque, New Mexico
CITY ADDRESS: NA

ENGINEERING FIRM: <u>C. L. Weiss Engineering, Inc.</u>	CONTACT: <u>Christopher L. Weiss</u>
ADDRESS: <u>P.O. Box 97, Sandia Park, NM 87047</u>	PHONE: <u>281-1800</u>
OWNER: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
ARCHITECT: <u>Gregory Hicks & Assoc.</u>	CONTACT: <u>Russ Golitely</u>
ADDRESS: <u>112 Second SW</u>	PHONE: <u>243-7492</u>
SURVEYOR: <u>Forstbauer Surveying Co.</u>	CONTACT: <u>Ron Forstbauer</u>
ADDRESS: <u>1100 Albarado Dr. NE - 87110</u>	PHONE: <u>268-2112</u>
CONTRACTOR FIRM: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. K13-D37

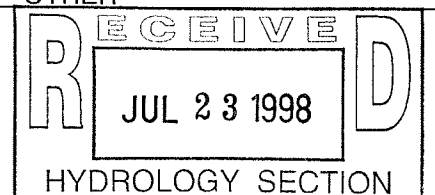
TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT
☐ PRELIMINARY PLAT
☐ SITE DEVELOPMENT PLAN
☐ FINAL PLAT
☐ BUILDING PERMIT
☐ FOUNDATION PERMIT
☒ CERT. OF OCCUPANCY
☐ ROUGH GRADING PERMIT
☐ GRADING / PAVING PERMIT
☐ OTHER _____

DATE SUBMITTED: July 22, 1998
BY: C.L. Weiss Engineering, Inc.



Rio Grande Zoological Park:
Education Center Expansion
As-Built Pond Information

July 22, 1998
by C.L. Weiss Engineering, Inc.

AS-BUILT POND

	AREA	VOL (CF)
4945.0 =	2131	
4944.0 =	1397	1764
4943.0 =	887	1142
4942.5 =	657	386
4942.1 =	10	133.4

Volume Provided:
3425
Volume Required:
3284

Volume Provided
is greater than
Volume
Required: OK





CITY OF
Albuquerque
November 5, 1996

Martin J. Chávez, Mayor

Christopher L. Weiss
C.L. Weiss Engineering, Inc
P.O. Box 97
Sandia Park, NM 87047

**RE: NEW EDUCATION BUILDING - RIO GRANDE ZOO (K13-D37). UPDATED
GRADING AND DRAINAGE PLAN SUBMITTAL FOR BUILDING PERMIT
APPROVAL. ENGINEER'S STAMP DATED OCTOBER 30, 1996.**

Dear Mr. Weiss:

Based on the updated information provided on your November 1, 1996 submittal, the above referenced project is approved for Building Permit.

Prior to Certificate of Occupancy approval, an Engineer's Certification will be required.

If I can be of further assistance, please feel free to contact me at 768-3622.

Sincerely,

Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT TITLE: New Education Bldg. - Rio Grande Zoo ZONE ATLAS / DRNG. FILE #: K-13 / 437
LEGAL DESCRIPTION: A portion of the Rio Grande Zoo, Albuquerque, New Mexico
CITY ADDRESS: NA

ENGINEERING FIRM: C. L. Weiss Engineering, Inc. CONTACT: Christopher L. Weiss
ADDRESS: P.O. Box 97, Sandia Park, NM 87047 PHONE: 281-1800

OWNER: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

ARCHITECT: Gregory Hicks & Assoc. CONTACT: Russ Golitely
ADDRESS: 112 Second SW PHONE: 243-7492

SURVEYOR: Forstbauer Surveying Co. CONTACT: Ron Forstbauer
ADDRESS: 1100 Albarado Dr. NE - 87110 PHONE: 268-2112

CONTRACTOR FIRM: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

____ YES
☒ NO
____ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. K13-D37

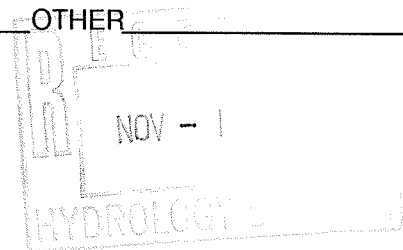
TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
☒ DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

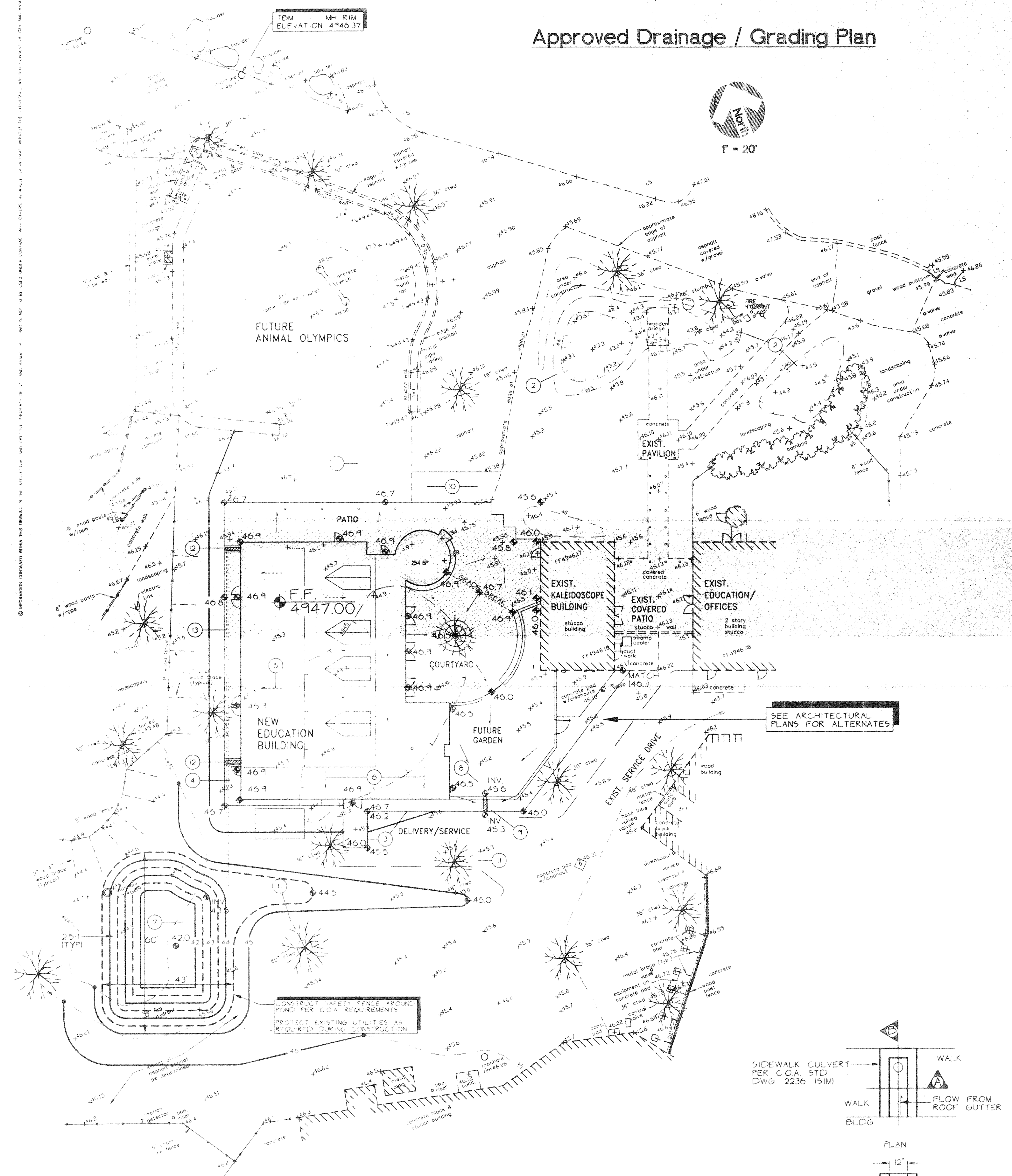
____ SKETCH PLAT
____ PRELIMINARY PLAT
____ SITE DEVELOPMENT PLAN
____ FINAL PLAT
☒ BUILDING PERMIT
____ FOUNDATION PERMIT
____ CERT. OF OCCUPANCY
____ ROUGH GRADING PERMIT
____ GRADING / PAVING PERMIT
____ OTHER _____

DATE SUBMITTED: October 30, 1996 - RESUBMITTAL
BY: C.L. Weiss Engineering, Inc.



As-Built dwg 07/22/98 09:52:07

Approved Drainage / Grading Plan



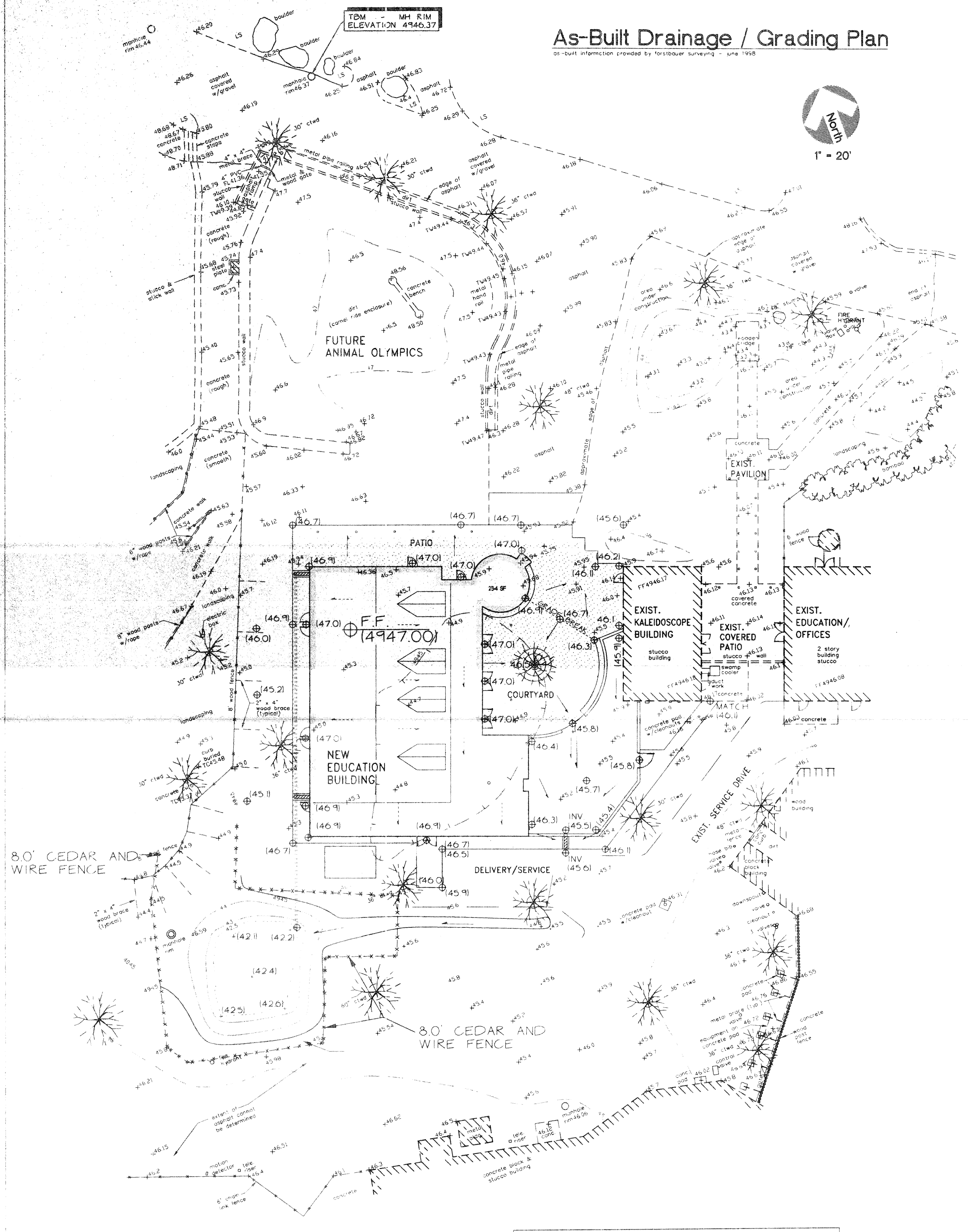
LEGEND

- | | |
|--|-------------------------|
| --- SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED) | LA LANDSCAPED AREA |
| --- BUILDING (EXISTING, PROPOSED) | TA TOP OF ASPHALT |
| --- PROPERTY LINE | TC TOP OF CURB |
| x 55.7 EXISTING SPOT ELEVATION | FL FLOW LINE |
| --- EXISTING CONTOUR | FF FINISHED FLOOR |
| 75.2 PROPOSED SPOT ELEVATION | R/W RIGHT OF WAY |
| 175.2 AS-BUILT SPOT ELEVATION | PL PROPERTY LINE |
| --- PROPOSED CONTOUR | PP POWER POLE |
| --- SURFACE FLOW DIRECTION (EXISTING, PROPOSED) | ▲ ENTRY / EXIT LOCATION |

NOTE: 'NIN' REFERENCES NORTH SIDEWALK CULVERT 'SIN' REFERENCES SOUTH SIDEWALK CULVERT

STORM DRAIN FOR WEST ROOF FLOWS - SEE KEYED NOTES #5, 12

As-Built Drainage / Grading Plan



I, Christopher L. Weiss, P.E. hereby certify that the as-built information shown, is in substantial compliance with the approved drainage / grading plan.
Christopher L. Weiss, P.E.
Date: 7-22-98
Survey info provided by Ron Forstbauer • Forstbauer Surveying Co. • June 1998

RECEIVED
JUL 23 1998
HYDROLOGY SECTION

GREGORY T. HICKS & ASSOC., P.C.
ARCHITECTS • PLANNERS
The Sunshine Building
Albuquerque, New Mexico 87102
(505) 243-7492 FAX (505) 243-1066
DESIGNING TODAY DESIGNING TOMORROW

CHRISTOPHER L. WEISS
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
1985

revisions:

**Rio Grande Zoological Park
Education Center Expansion**
RIO GRANDE ZOO
903 TENTH STREET SW ALBUQUERQUE, NM 87102

Job no: 9510
acad file: 9510C31
date: 07/22/98
AS-BUILT DRAINAGE AND GRADING PLAN

C.I.I.