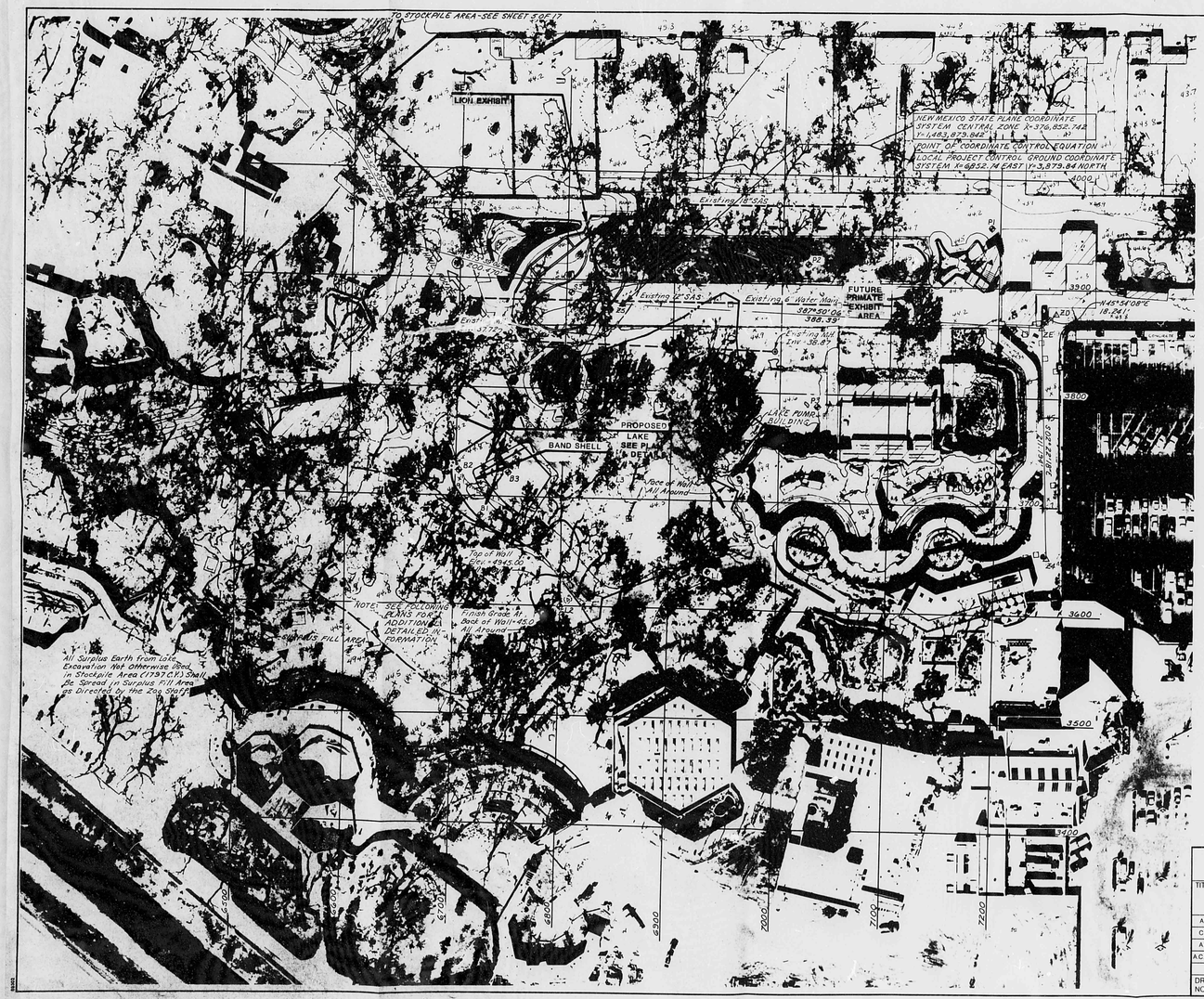

NOTE: Control is Based on State Plane Coordinate Values Provided by Foster & Paul's Engineering, Inc. on Points Z0, Z5, Z4, Z3, Z1, Z2, Z8. Local Ground Coordinate Values Based on Equation of Point Z5. Combined Ground Coordinate Values Are Based on Equation of Point Z5. Angles From Z5 to Z2. Distances Shown are Local Ground Measurements.

POINT NO.	STATE PLANE COORD. VALUE FOR X	Y	GROUND CONTROL COORD. VALUE FOR X	Y	ELEVATION
Z2	377253.834	1493877.784	7253.83	3877.84	4944.35
Z0	377240.728	1493862.194	7240.73	3862.19	4944.34
Z4	377249.453	1493854.178	7249.45	3854.17	4945.44
Z3	376629.512	1493853.432	6629.51	3853.43	4944.86
Z1	376628.512	1493529.972	6628.51	3529.97	4944.86
Z8	376419.357	1494302.396	6419.36	4302.39	4945.39

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO	BY	DATE

REMARKS

NO	DATE	BY

REVISIONS

DESIGNED BY
DRAWN BY
CHECKED BY

BENCH MARKS

3K13 ELEV. 4945.006 D on T.C. at PCCR W S W 12th and Stover
ELEV. 4943.659 D on T.C. at S. and D.L. on W side 10th, 75' N. of Zoo Parking Lot
ELEV. 4944.543 E on T.C. at PCCR S S W 10th and Stover

AS BUILT INFORMATION

CLEARED FOR MICROFILM
MICROFILMED
DATE
CLEARED FOR MICROFILM
MICROFILMED
DATE
CLEARED FOR MICROFILM
MICROFILMED
DATE

MICROFILM INFORMATION

REEL NUMBER
FRAME NUMBER

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: GEOMETRIC CONTROL AND TEST HOLE LOCATION PHOTO-MAP
PROJECT LOCATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. Design			Traffic		
A.C.E. Hydrology			Water		

DRAWING NO. 3362 | MAP NO. K-13 | SHEET 2 OF 17

SEP 16 1987

REF. 21 DATE 6-24-53 BY FSP

CITY OF ALBUQUERQUE

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CITY CLERK RECORDER

OFFICIAL SEAL NORBERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires MAY 8, 1986

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PLANS/PLATS ON FILE

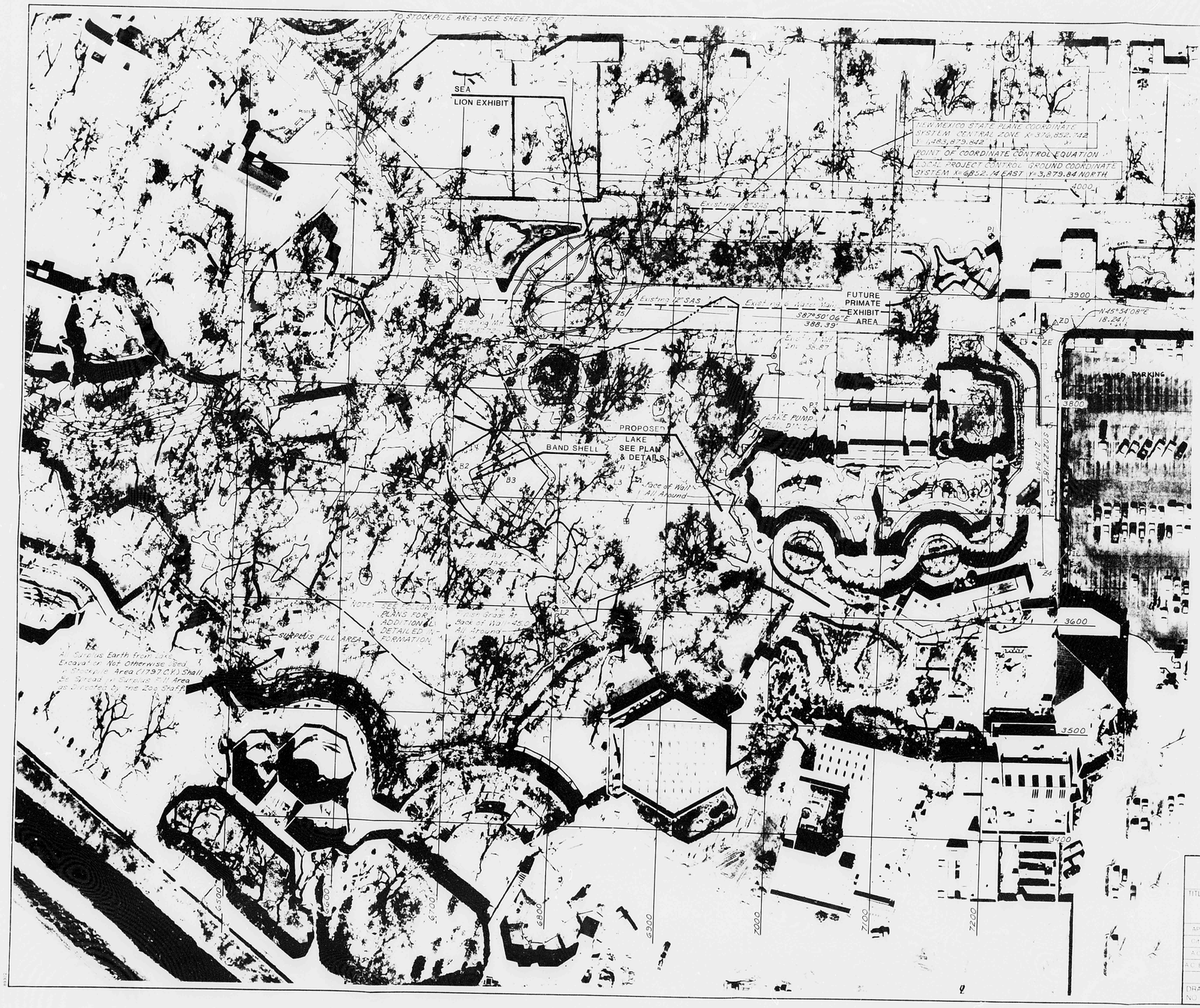
FILE DESC: K-13/0023

PLANS/PLATS 2

F 30 D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D F



NOTE: Control is Based on State Plane Coordinate values Provided by Lodge & Paul's Engineering, on Points Z0, Z6, Z4, Z5, Z7 & Z8. Local Ground Coordinate Values Based on Equation at Point Z5. Combined Ground Coordinate Values Based on Equation at Point Z5. Shown are Ground Angles from Z5 to Z6. Distances Shown are Local Ground Measurements.

POINT NO.	STATE PLANE COORD. VALUE FOR X	STATE PLANE COORD. VALUE FOR Y	GROUND CONTROL COORD. VALUE FOR X	GROUND CONTROL COORD. VALUE FOR Y	ELEVATION
Z0	377263.834	1489877.786	7233.950	3677.824	4944.35
Z6	377240.728	1483866.761	7249.890	3863.170	4944.32
Z4	377249.459	1483554.178	7249.890	3554.157	4944.44
Z5	376852.742	1483879.842	6852.740	3879.840	4945.49
Z7	376438.312	1483929.472	6658.525	3929.522	4946.06
Z8	376416.357	1484302.376	6716.366	4302.511	4945.59

SURVEY INFORMATION
FIELD NOTES
NO. DATE BY

BENCH MARKS
3K13 ELEV. 4945.006 ▫ on T.C. at PCCR.
W.S.W. 12th and Stover
ELEV. 4943.659 ▫ on T.C. at S end D.I. on W. side 10th 75' N. of Zoo Parking Lot
ELEV. 4944.543 ▫ on T.C. at PCCR
SSW 10th and Stover

AS BUILT INFORMATION

MICRO FILM INFORMATION

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: GEOMETRIC CONTROL AND TEST HOLE LOCATION PHOTO-MAP
PROJECT LOCATION

APPROVALS	ENGINEER	DATE	APPROVED	DATE
City Engineer			Bridge	
A.C.E. Design			Traffic	
A.C.E. Hydrology			Water	

DRAWING No. 3362 MAP No. K-13 SHEET 2 OF 17

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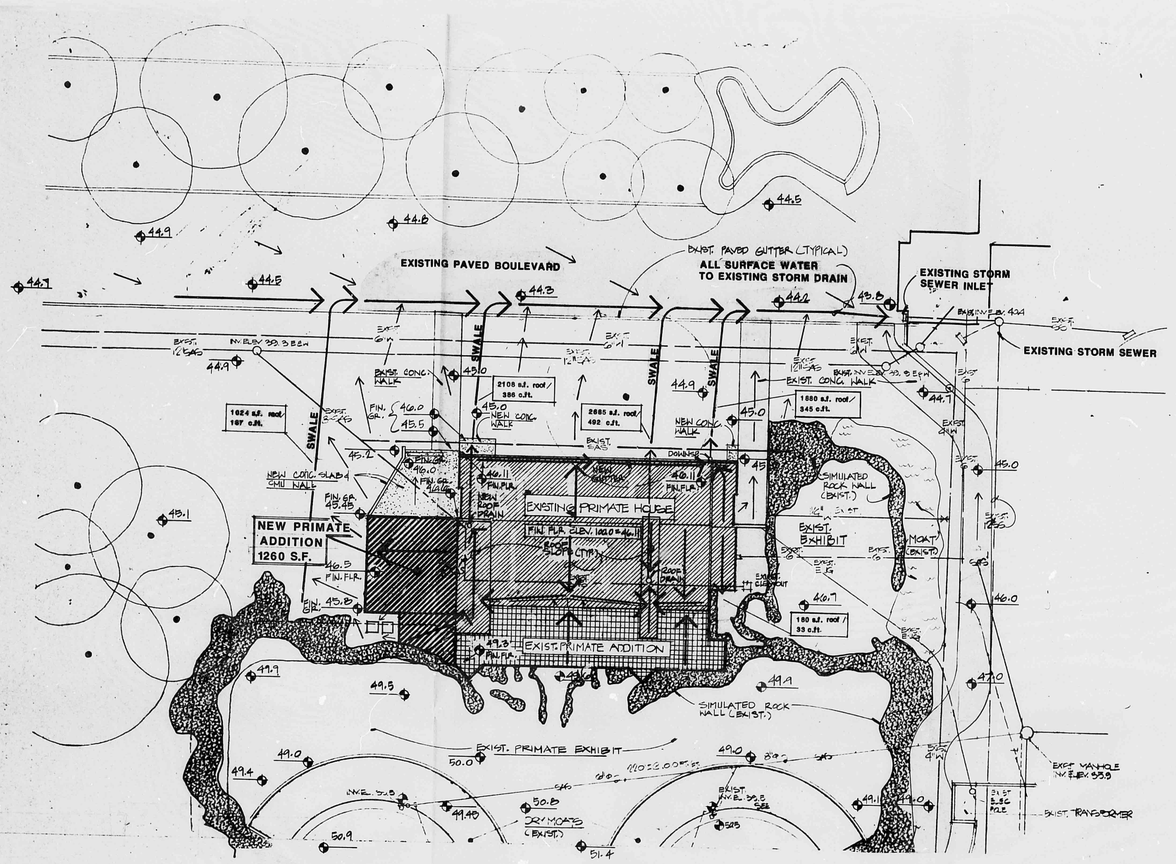
Karen Acuna
CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires July 8, 1981

D 24 C 20 B 16 A 12 | CITY OF ALBUQUERQUE C D



NORTH

GRADING AND DRAINAGE PLAN

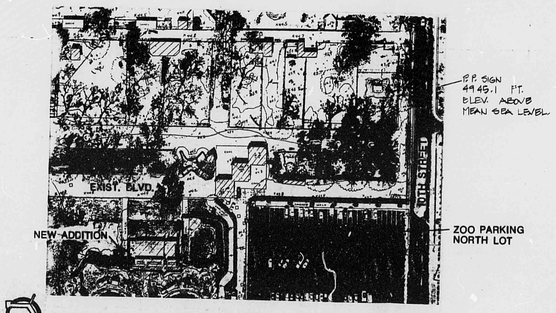
SCALE: 1" = 20'-0"

LEGEND

- 47.0 — SPOT ELEVATION = 4947.0 FT. ABOVE MEAN SEA LEVEL.
- -SAS— SANITARY WASTE SEWER
- -SS— STORM SEWER
- FLOW LINE
- NEW BUILDING ADDITION
- EXISTING BUILDING
- EXISTING "ROCK" WALL
- NEW CONCRETE SLAB
- EXISTING TREE (TO REMAIN)

1024 s.f. roof / 187 c.f. — TOTAL VOLUME OF RUNOFF FOR 100-YR. STORM @ 2.21"/SQ. FT. OF ROOF AREA.

NOTE: THE ADDITION TO THE EXISTING PRIMATE BUILDING WILL INCREASE THE 100-YEAR PEAK RUNOFF BY APPROXIMATELY 0.08 CFS.



PLAN - REFERENCE BENCHMARK

APPROVED FOR DRAINAGE
8 Oct 87
DATE
G.S. Reeder CE/HYD
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED

RECEIVED SEP 21 1987 HYDROLOGY SECTION

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW MEXICO — No. 4181 — DALE & DOBSON	DRAWN BY: ACB CHECKED BY: ACB DATE: 9/9/87	RIO GRANDE ZOO PRIMATE EXHIBIT PHASE III CITY OF ALBUQUERQUE
		GRADING AND DRAINAGE PLAN
DCA	DALE CRAWFORD & ASSOC. ARCHITECTS PLANNERS AIA PC ALBUQUERQUE, NEW MEXICO	SHEET NUMBER C-1 OF —

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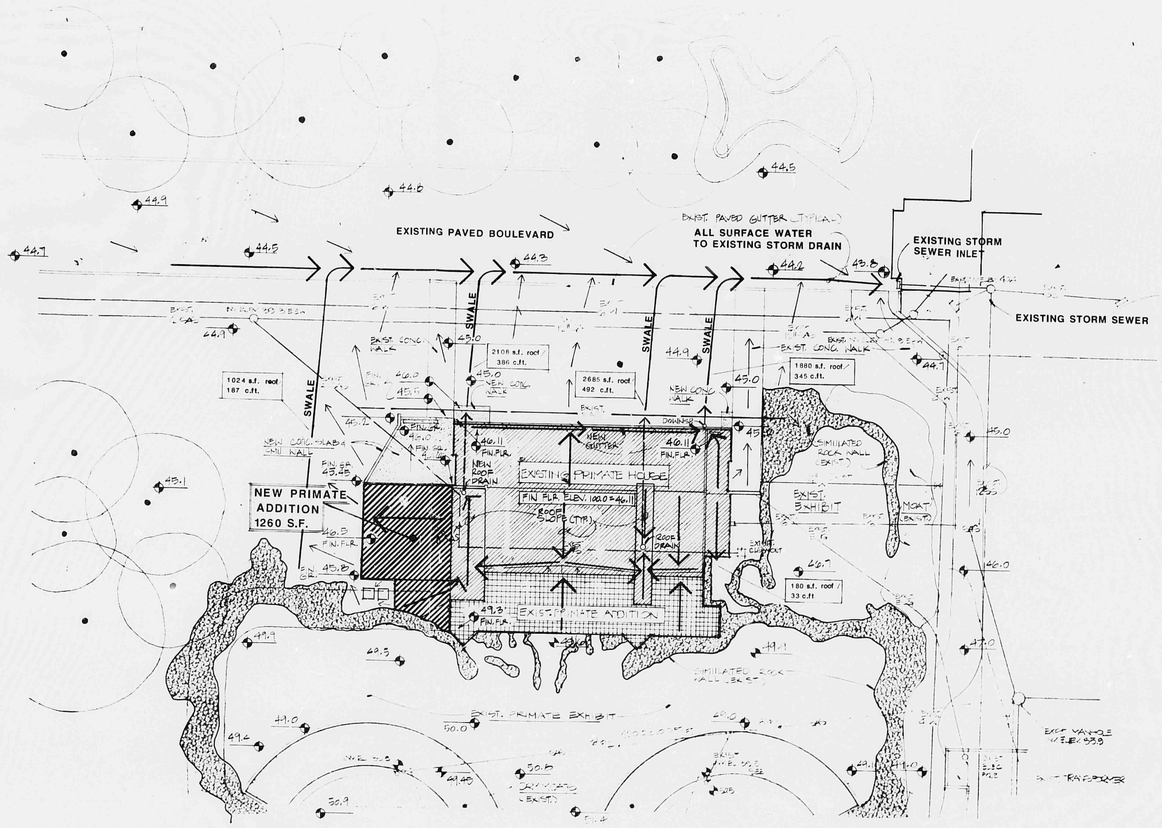
Karen Aaron
CITY CLERK RECORDER
OFFICIAL SEAL NORBERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires: MAY 8 1995
Norberta Sanchez

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D



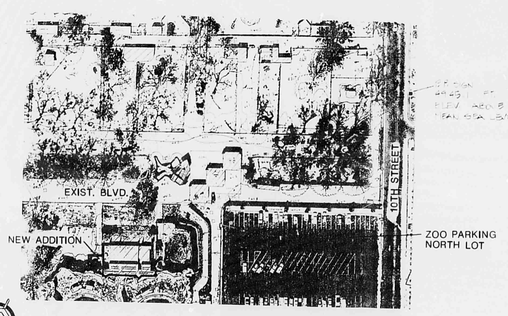
GRADING AND DRAINAGE PLAN

SCALE: 1" = 20'-0"

NOTE: THE ADDITION TO THE EXISTING PRIMATE BUILDING WILL INCREASE THE 100-YEAR PEAK RUNOFF BY APPROXIMATELY 0.08 CFS.

LEGEND

- SPOT ELEVATION
- SANITARY WASTE SEWER
- STORM SEWER
- FLOW LINE
- NEW BUILDING ADDITION
- EXISTING BUILDING
- EXISTING "ROCK" WALL
- NEW CONCRETE SLAB
- EXISTING TREE (TO REMAIN)



PLAN - REFERENCE BENCHMARK

APPROVED FOR PERMIT
8 Oct 87
G.S. Reeder CE/HYD
ADVISE DRAINAGE INSPECTOR WHEN GRADING INSPECTED

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW MEXICO — NO. 4181 — DALLAS G. DONELSON	DRAWN BY: ACB CHECKED BY: ACB DATE: 9/9/87	RIO GRANDE ZOO PRIMATE EXHIBIT PHASE III
		CITY OF ALBUQUERQUE
GRADING AND DRAINAGE PLAN		
DALE CRAWFORD & ASSOC. ARCHITECTS PLANNERS AIA PC ALBUQUERQUE, NEW MEXICO		SHEET NUMBER C-1 OF —

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ONCE ON DARK.

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CITY CLERK RECORDER

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NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires March 8 1988

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CITY OF ALBUQUERQUE

C D