HYDROLOGY E18/D28 TRACT C-1 NORTH ACADEMY BUSINESS PARK

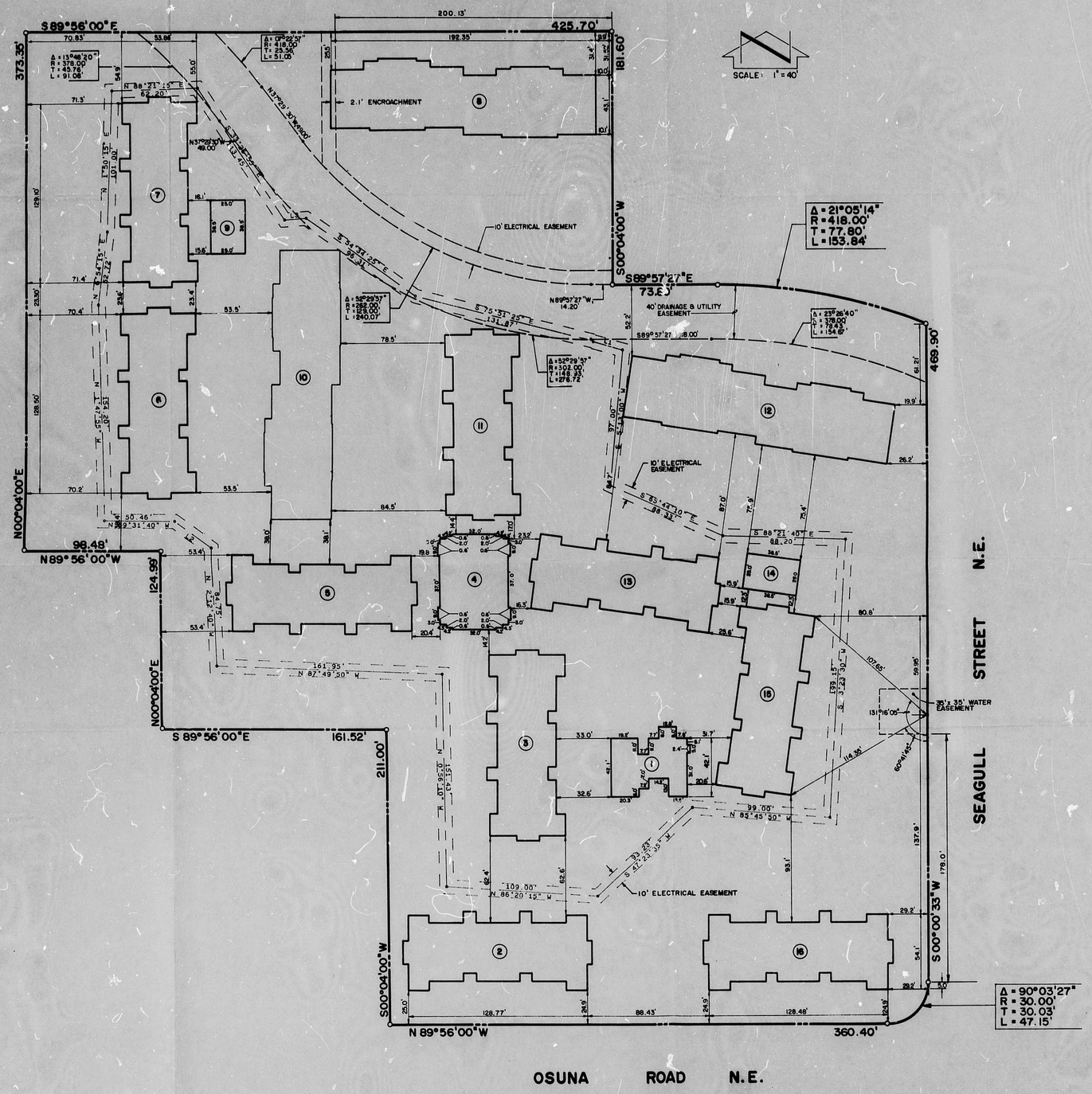
E18-D28

TRACT C-1 NORTH

ACADEMY BUSINESS

PARK

4 PLANS



SCALE: 1" = 40'

I, Thomas T. Mann, Jr., New Mexico Registered Land Surveyor No. 3792, do hereby certify to University Savings Association; The Daseke Group, Inc., Trustee; and Heritage Title Company that I have checked the location of the buildings on the following described real estate:

Tract C-1 of the North Academy Business Park as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on November 5, 1984.

I further certify that the location of said buildings on said real estate are shown on the above drawing; and that the location of utility easements as shown on the plat of the above addition are also shown on the above drawing; and that there are no encroachments , except as shown, on the above described real estate, and that the same is true and correct to the best of my knowledge and belief.

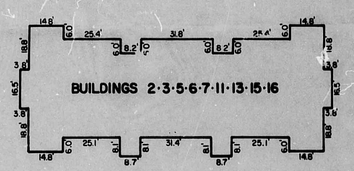
I further certify that the 100-year floodplain is confined to the drainage easement shown hereon, and that said buildings do not lie within the 100-year floodplain.

IN WITNESS WHEREOF, this certificate is executed in Albuquerque, New Mexico on this 24th day of July, 1985.

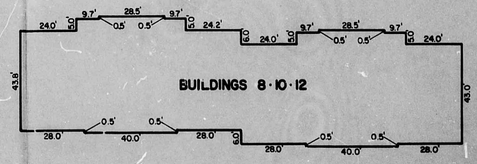
Thomas T. Mann, Jr., N[illegible] Date

NEW MEXICO PROFESSIONAL ENGINEER STATE OF NEW MEXICO 3792 THOMAS T. MANN JR. 3792 NEW MEXICO AND LAND SURVEYOR

LINE	BEARING	DISTANCE
L1	S 74°29'15" E	22.00
L2	N 54°23'15" W	33.00
L3	N 85°49'15" E	15.80



SCALE: 1" = 30'



SCALE: 1" = 30'

RECEIVED AUG 27 1985 HYDROLOGY SECTION

811 DALLAS, N.E. · ALBUQUERQUE · NEW MEXICO · 87110
ENGINEERS

NO.	DATE	BY	REVISIONS

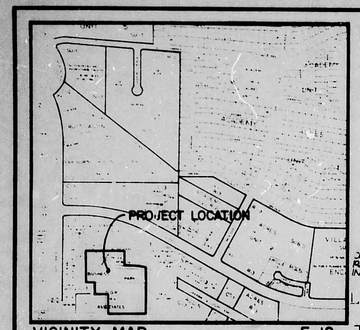
DESIGNED BY: SKS
DRAWN BY: JMC
APPROVED: TTM

JOB NO. 31241
DATE 2/85

FOUNDATION CERTIFICATION

FILE NO.

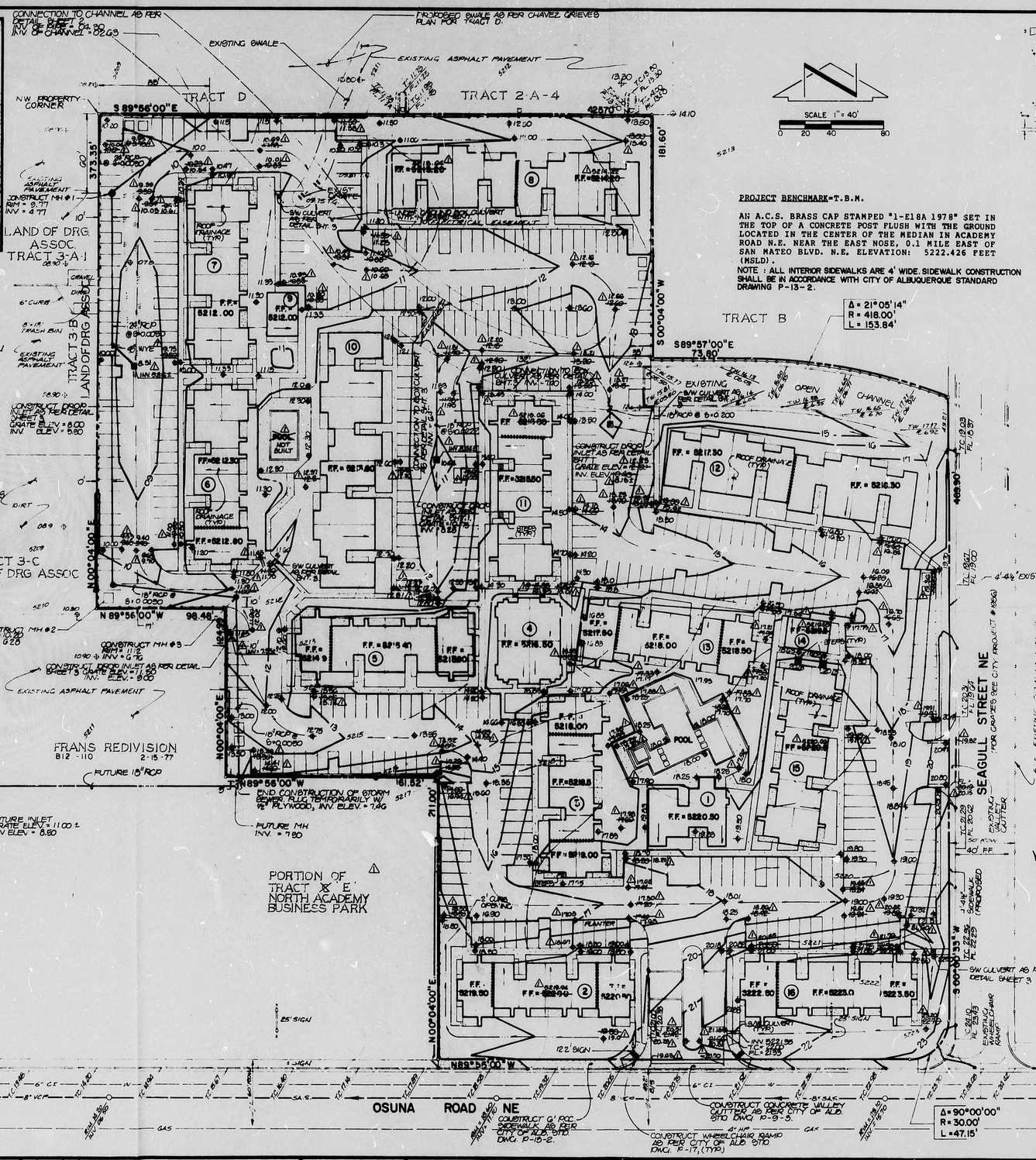
SHEET 1 OF 1



VICINITY MAP E-18
SCALE 1" = 800'

• LEGEND •

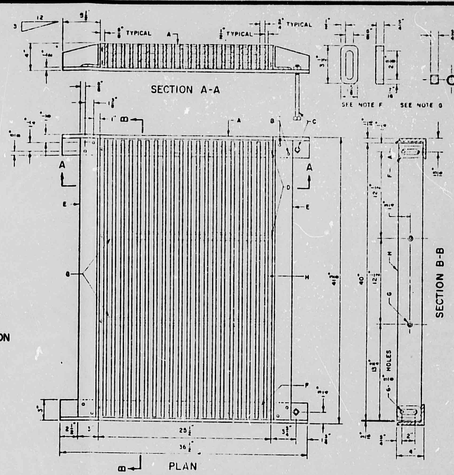
80.1	EXISTING SPOT ELEVATION
83.2	PROPOSED SPOT ELEVATION
5280	EXISTING CONTOUR
82	PROPOSED CONTOUR
	SWALE
T.C. 82.51	TOP OF CURB ELEVATION
F.L. 81.52	FLOW LINE ELEVATION
	EXISTING LIGHT POLE
	EXISTING TELEPHONE RISER
	EXISTING CATCH BASIN
	GRADE BREAK WITHIN BUILDINGS
	6' WOOD FENCE



PROJECT BENCHMARK=T.B.M.

AN A.C.S. BRASS CAP STAMPED "1-E18A 1978" SET IN THE TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED IN THE CENTER OF THE MEDIAN IN ACADEMY ROAD N.E. NEAR THE EAST NOSE, 0.1 MILE EAST OF SAN MATEO BLVD. N.E. ELEVATION: 5222.426 FEET (MSLD).

NOTE : ALL INTERIOR SIDEWALKS ARE 4' WIDE. SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING P-13-2.



GENERAL NOTES:

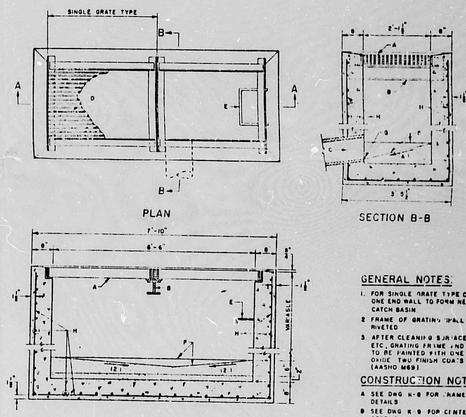
1. ALL EXPOSED METAL PARTS SHALL BE PAINTED PRIOR TO ASSEMBLY. WELDING, MACHINING AND DRILLING SHALL BE DONE BEFORE PAINTING. ALL DIMENSIONS ARE FINISH DIMENSIONS.
2. NUTS USED TO SECURE GRATING BARS MAY BE HELD TIGHT BY PEENING THREADS OR OTHER SUITABLE MEANS IN LIEU OF TACK WELDS.
3. ALL PARTS SHALL BE OF STRUCTURAL GRADE STEEL, EXCEPT SPACERS, WHICH MAY BE OF EITHER STRUCTURAL STEEL.
4. SEE DWG. K-9, GENERAL NOTE 4 FOR CLEANING AND PAINTING.
5. ANY DAMAGE TO PAINTING SHALL BE REPAIRED IN AN APPROVED MANNER.
6. FRAME MAY BE WELDED OR RIVETED.

CONSTRUCTION NOTES:

A. 4"x3"x$\frac{1}{4}$" x 36$\frac{1}{2}$" L.
B. 2-$\frac{1}{2}$" COUNTERSUNK RIVETS AT EACH CORNER, SEE NOTE 6.
C. $\frac{1}{2}$" x 6" BOLTS WITH SQ. HEADS AND NUTS AT OUTSIDE CORNERS OF BASIN.
D. $\frac{1}{2}$" x 2$\frac{1}{2}$" STEEL RODS, 1 NUT AT EACH END, TACK WELD NUTS TO ADJACENT BARS AFTER ASSEMBLY, SEE NOTE 2.
E. $\frac{1}{2}$" x 3"x$\frac{1}{4}$" x 40$\frac{1}{2}$" L.
F. END SPACERS.
G. STANDARD $\frac{1}{2}$" PIPE INTERIOR SPACERS.
H. 20-$\frac{1}{2}$" x 3$\frac{1}{2}$" x 40" BARS.

DROP INLET FRAME & GRATING DETAILS

NO SCALE



GENERAL NOTES:

1. FOR SINGLE GRATE TYPE CATCH BASIN, MOVE ONE END WALL TO FORM NEW SINGLE GRATE CATCH BASIN.
2. FRAME OF GRATING SHALL BE WELDED AND/OR RIVETED.
3. AFTER CLEANING SURFACE OF SCALE, RUST ETC. GRATING FRAME AND CENTER SUPPORT TO BE PAINTED WITH ONE SHOP COAT RED OXIDE. TWO FINISH COATS ALUMINUM PAINT (AASHO M69).

CONSTRUCTION NOTES:

A. SEE DWG. K-8 FOR FRAME AND GRATING DETAILS.
B. SEE DWG. K-8 FOR CENTER SUPPORT ASSEMBLY.
C. CUT ONE HORIZONTAL AND ONE VERTICAL BAR MAX. AT PIPE OPENING.
D. SPACERS, SEE DWG. K-8.
E. USE STD CHANNEL STEPS, SEE DWG K-18 FIRST STEP TO BE 18" FROM TOP OF GRATE AND SHALL PROTRUDE 7" SPACING BETWEEN STEPS TO BE [illegible] FROM BOTTOM.
F. CONC. FILL, SEE DWG. K-1.
G. INVERT PER DRAWING.
H. NO. 4 BARS AT [illegible] EACH WAY.

TYPICAL DROP INLET (SINGLE)

NO SCALE

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DRAINAGE CERTIFICATION

As shown by the as-built spot elevations shown hereon, this site was constructed in substantial compliance with the approved grading and drainage plan. There are three apparent deviations from the approved grading plan:

1. The emergency pond provided on the westerly parking area was reduced in volume. The net pond volume provided is approximately 26,050 cf, or 11% less than the design value. Although the reduction in pond volume is not desirable, it is believed that a) the probability of all on-site storm drain pipes failing simultaneously is quite low, b) should the on-site system fail during a storm greater than that which the emergency ponds can contain no damage to adjacent property will occur, and c) the deviation does not warrant corrective action.

2. The runoff from the pool area was directed via a swale between buildings No. 4 and No. 11 and into the parking area between building No. 10 and No. 11, rather than into the parking area north of building No. 13. This alternate scheme is acceptable since building floor elevations are set well above the swale grades.

3. The offsite drainage for Tract D, North Academy Business Park, was not contained within Tract D as per the approved grading and drainage plan. The matter is currently being pursued by the City of Albuquerque.

Based upon the information presented herein, a certificate of occupancy is hereby requested.

NO	DATE	BY	REVISIONS
1	12/26/85	SKS	AS BUILT CORRECTIONS & CERTIFICATION

DESIGNED BY SKS
DRAWN BY TXW
APPROVED TTM

JOB NO 31241
DATE 10 83

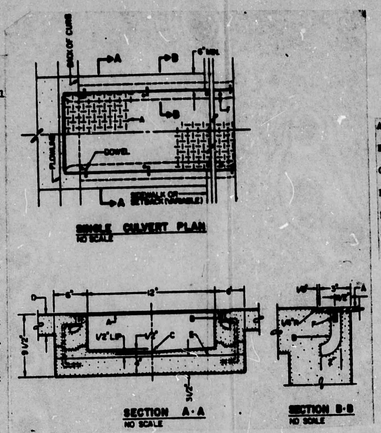
'C-1' GRADING PLAN
TRACT "E", NORTH ACADEMY BUSINESS PARK

FILE NO

SHEET 1 OF 3

GENERAL NOTES FOR FOR SIDEWALK CULVERT:

1. The invert shall be troweled and retroweled to produce a hard polished surface of maximum density and smoothness. "V" invert shall be V-shaped to within 3" of the outlet and warped from this point to outlet. Invert at outlet shall parallel gutter flowline unless otherwise shown on plans.
2. Surface of all exposed concrete shall match the grade, color, finish and seeding of adjacent curb and sidewalk.
3. Stainless steel rod anchors drilled and tapped for flathead machine screws, spaced 24" o.c. maximum and a minimum of 2 per side per plate. There shall be an anchor within 6" of each end. Anchors shall be attached to the plate and the plate secured in place prior to pouring the walls.
4. The culvert steel top plate shall be cut perpendicular to the walls unless otherwise specified. Lengths shall be such that the weight per plate does not exceed 300 pound. It shall be stressed relieved after fabrication. After cleaning surface of scale, rust, etc., the plate and framing members shall be painted with one shop coat red oxide and two finish coats of aluminum paint (AASHO M29).
5. Slope of culvert 1-1/2 minimum clearance from face of concrete, may be inclined if necessary.



KEYED NOTES FOR SIDEWALK CULVERT:

A. 3/8" CHECKERED STEEL PLATE CULVERT TOP.
B. ROD ANCHOR 1" x 5".
C. "V" INVERT.
D. SIDEWALK GRADE.
E. FLOW LINE ELEVATION.
F. 3/8" x 1" F.H. C'SUNK STAINLESS STEEL MACHINE SCREW.

DRAINAGE PLAN

The following items concerning Tract C, North Academy Business Park Drainage Plan are contained hereon:

1. Vicinity Map
2. Grading Plan
3. Calculations

The proposed improvements, as shown on the Vicinity Map, are located within Tract C, North Academy Business Park. The proposed improvements consist of construction of one, two, and three-story buildings, swimming pools, asphalt paved private parking lots, and associated landscaped areas.

The Academy Business Park Master Plan and Drainage Report was approved by the City of Albuquerque Hydrology Department on November 5, 1981. The Master Plan was updated on May 12, 1983, and January 17, 1984, to reflect phase developments. The plan shown hereon conforms with the approved Master Plan which calls for discharge from the site into existing concrete box culverts located to the north of Tract C. Grades have been coordinated with the proposed Seagull Street construction project prepared by Tom Mann & Associates. No offsite flows enter the site. Flows from Tract 2-A-4 have been diverted to a catch basin within Tract D, as per Chaves-Grieves drainage plan for Tract D. Construction of this catch basin will be completed prior to development within this site. The site drains from south to north at approximately three percent. With the exception of the channel itself, the site does not lie within a Flood Hazard Zone as indicated by Plate 17 of the Flood Hazard Boundary Maps prepared by the National Flood Insurance Program, August, 1982. Prior studies by Bovay Engineers have indicated that the channel will adequately convey the 100-year, 6-hour rainfall. Should the conditions of this study change, or should the proposed storm drain system become clogged, the site has adequate ponding capacity to store the 50-year, 6-hour rainfall within the confines of the parking areas, as shown by the calculations below.

The Grading Plan shows 1) existing contours at 1' 0" intervals, 2) proposed grades indicated by spot elevations and contours at 1' 0" intervals, 3) continuity between proposed and existing elevations, and 4) the limit and character of proposed improvements.

The Calculations of runoff in the existing and developed states for both the 100-year, 6-hour storm and the 10-year, 6-hour storm appear below. The SCS Curve Number Method has been used in order to maintain consistency with the approved Master Drainage Report previously prepared by this office.

POND VOLUMES:
(Average End-Area Method)

Basin 1-A:

Maximum ponded water elevation before discharge into Basin 4-A = 10.58 grate elev = 9.75

$A_{10.58}$ = 4960 sf — Vol = 1280 cf
$A_{10.17}$ = 1280 sf — Vol = 270 cf
$A_{9.75}$ = 0.00 — Vol = 1550 cf

Basin 3-A:

Maximum ponded water elevation before discharge into Basin 1-A = 13.15 grate elev = 12.90

$A_{13.15}$ = 1040 — Vol = 130 cf
$A_{12.90}$

Basin 3-B

Maximum ponded water elevation before discharge into Basin 1-A = 12.00 grate elev = 10.75

$A_{12.00}$ = 7040 — Vol = 2280 cf
$A_{11.50}$ = 2080 — Vol = 640 cf
$A_{11.00}$ = 480 — Vol = 60 cf
$A_{10.75}$ = 0.00 — Vol = 2980 cf

Basin 4-A

Maximum ponded water elevation before discharge onto adjacent property = 10.50 grate elev = 8.00

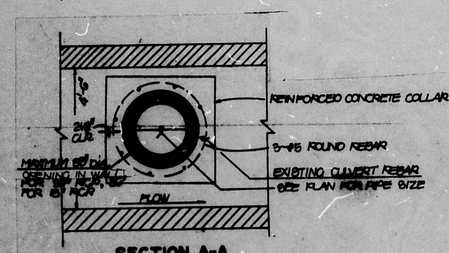
$A_{10.50}$ = 23040 sf — Vol = 10,450 cf
$A_{10.00}$ = 18760 — Vol = 7435 cf
$A_{9.50}$ = 10990 — Vol = 4210 cf
$A_{9.00}$ = 5840 — Vol = 1940 cf
$A_{8.50}$ = 1920 — Vol = 480 cf
$A_{8.00}$ = 0.00 — Vol = 24,515 cf

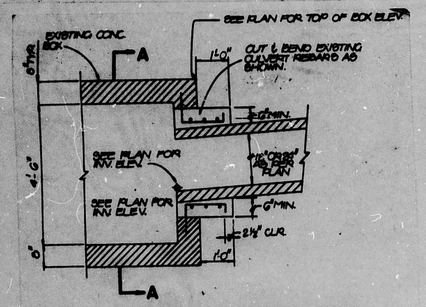
Basin 4-B

Maximum elevation of ponded water before discharge into Basin 4-A = 11.90 grate elev = 11.50

$A_{11.90}$ = 400 — Vol = 60 cf
$A_{11.70}$ = 700 — Vol = 20 cf
$A_{11.50}$ = 0.00 — Vol = 80 cf

Total pond volume site = 29,255 cf





PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
SITE
EXISTING STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
NATIVE	D	0.10	80	100 %
COMPOSITE:		0.10	80	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 800 ft.
DROP: 14 ft.
SLOPE: 1.65 %
TIME OF CONCENTRATION: 0.11 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 0.96 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 12.0 c.f.s.
VOLUME: 28,100 c.f. 0.65 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.44 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 5.5 c.f.s.
VOLUME: 13,000 c.f. 0.30 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
SITE
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	2.22	65	27 %
IMPERVIOUS AREA		5.88	95	73 %
COMPOSITE:		8.10	87	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 770 ft.
DROP: 11 ft.
SLOPE: 1.43 %
TIME OF CONCENTRATION: 0.11 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.38 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 17.3 c.f.s.
VOLUME: 40,500 c.f. 0.93 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.74 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 9.2 c.f.s.
VOLUME: 21,700 c.f. 0.50 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
BASIN 1-A
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	0.37	65	30 %
IMPERVIOUS AREA		0.88	95	70 %
COMPOSITE:		1.25	86	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 250 ft.
DROP: 3 ft.
SLOPE: 1.20 %
TIME OF CONCENTRATION: 0.05 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.33 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 2.5 c.f.s.
VOLUME: 6,000 c.f. 0.14 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.71 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 1.3 c.f.s.
VOLUME: 3,200 c.f. 0.07 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
BASIN 3-A
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	0.70	65	31 %
IMPERVIOUS AREA		1.57	95	69 %
COMPOSITE:		2.27	86	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 540 ft.
DROP: 6 ft.
SLOPE: 1.11 %
TIME OF CONCENTRATION: 0.09 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.31 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 4.6 c.f.s.
VOLUME: 10,700 c.f. 0.25 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.69 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 2.4 c.f.s.
VOLUME: 5,600 c.f. 0.13 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
BASIN 3-B
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	0.18	65	20 %
IMPERVIOUS AREA		0.70	95	80 %
COMPOSITE:		0.88	89	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 100 ft.
DROP: 2 ft.
SLOPE: 2.00 %
TIME OF CONCENTRATION: 0.02 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.53 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 2.0 c.f.s.
VOLUME: 4,000 c.f. 0.11 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.86 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 1.1 c.f.s.
VOLUME: 2,700 c.f. 0.06 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
BASIN 4-A
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	0.31	65	25 %
IMPERVIOUS AREA		0.93	95	75 %
COMPOSITE:		1.24	88	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 260 ft.
DROP: 4 ft.
SLOPE: 1.54 %
TIME OF CONCENTRATION: 0.05 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.63 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 2.7 c.f.s.
VOLUME: 6,400 c.f. 0.15 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.78 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 1.6 c.f.s.
VOLUME: 3,900 c.f. 0.08 ac.ft.

PROJECT: TRACT C NABP
PROJECT NO.: 31243

DRAINAGE BASIN COMPUTATIONS (S.C.S. METHOD)

BASIN:
BASIN 4-B
DEVELOPED STATE

LAND-USE DESCRIPTION:

DESCRIPTION	SOIL GROUP	AREA (ac)	Cn	% OF TOTAL
PERVIOUS AREA	D	0.66	65	27 %
IMPERVIOUS AREA		1.80	95	73 %
COMPOSITE:		2.46	87	100 %

WATERSHED CHARACTERISTICS:

LENGTH: 510 ft.
DROP: 8 ft.
SLOPE: 1.57 %
TIME OF CONCENTRATION: 0.08 hr.

STORM CHARACTERISTICS:

FREQUENCY: 100 yr.; 6hr.
RAINFALL: 2.6 in.
RUNOFF: 1.39 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 5.1 c.f.s.
VOLUME: 12,400 c.f. 0.28 ac.ft.

FREQUENCY: 10 yr; 6hr.
RAINFALL: 1.8 in.
RUNOFF: 0.75 in.
DISTRIBUTION CURVE: 75
DISCHARGE: 1.55 cfs/ac/in
PEAK DISCHARGE (Q): 2.8 c.f.s.
VOLUME: 6,600 c.f. 0.15 ac.ft.

RECEIVED
FEB 26 1986
HYDROLOGY SECTION

3/10/

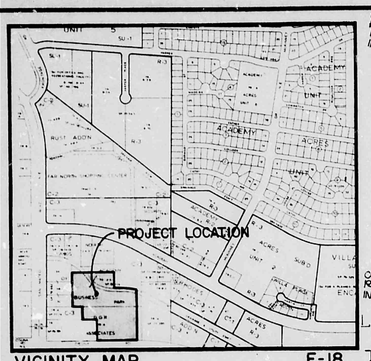
811 DALLAS, N.E. · ALBUQUERQUE · NEW MEXICO · 87110
ENGINEERS

NO.	DATE	BY	REVISIONS

DESIGNED BY: S.K.S.
DRAWN BY: Jmc
APPROVED: T.T.M.
JOB NO. 31241
DATE 3·84

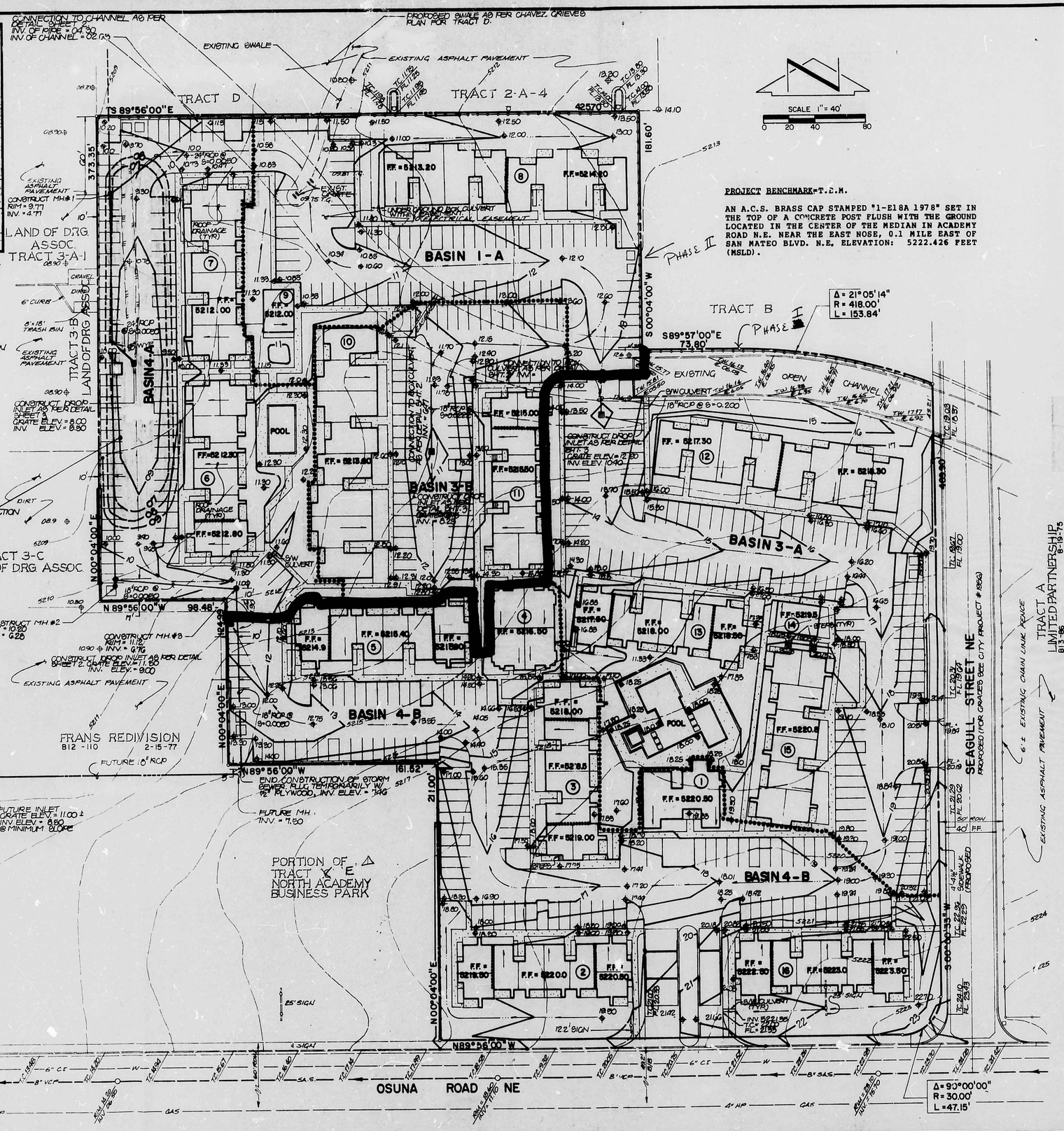
C-1

CALCULATIONS & DETAILS
TRACT C, NORTH ACADEMY BUSINESS PARK



VICINITY MAP
SCALE 1" = 800'

E-18



SCALE 1" = 40'
0 20 40 80

PROJECT BENCHMARK=T.B.M.

AN A.C.S. BRASS CAP STAMPED "1-E18A 1978" SET IN THE TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED IN THE CENTER OF THE MEDIAN IN ACADEMY ROAD N.E. NEAR THE EAST NOSE, 0.1 MILE EAST OF SAN MATEO BLVD. N.E. ELEVATION: 5222.426 FEET (MSLD).

• LEGEND •

80.1	EXISTING SPOT ELEVATION
83.2	PROPOSED SPOT ELEVATION
5280	EXISTING CONTOUR
82	PROPOSED CONTOUR
	SWALE
T.C. 82.51	TOP OF CURB ELEVATION
F.L. 81.52	FLOW LINE ELEVATION
	EXISTING LIGHT POLE
	EXISTING TELEPHONE RISER
	EXISTING CATCH BASIN

DASHED LINES & SHADING INDICATE TEMPORARY GRADING TO BE ACCOMPLISHED DURING THE CONSTRUCTION PHASE TO PROVIDE EROSION PROTECTION.

Erosion Control Plan

In order to control erosion during the construction phase, a temporary pond shall be constructed along the westerly boundary of the site, as indicated by the shaded area and dashed lines.

CONSTRUCTION NOTES

1. Two working days prior to any excavation, Contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
2. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all existing utilities and potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
3. All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules and regulations concerning construction safety and health.
4. All work performed shall comply with City of Albuquerque Public Works Contract No.84-1.

RECEIVED
FEB 26 1986
HYDROLOGY SECTION

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
THOMAS J. MANN, JR.
5792
3/12

BOHNINGER ASSOCIATES
811 DALLAS, N.E. · ALBUQUERQUE · NEW MEXICO · 87110
ENGINEERS

NO.	DATE	BY	REVISIONS

DESIGNED BY SKS
DRAWN BY TXW
APPROVED TTM

JOB NO. 31241
DATE 10-83

△ EROSION CONTROL & DRAINAGE PLAN
TRACT "C-1", NORTH ACADEMY BUSINESS PARK

FILE NO.

SHEET 2 OF 3