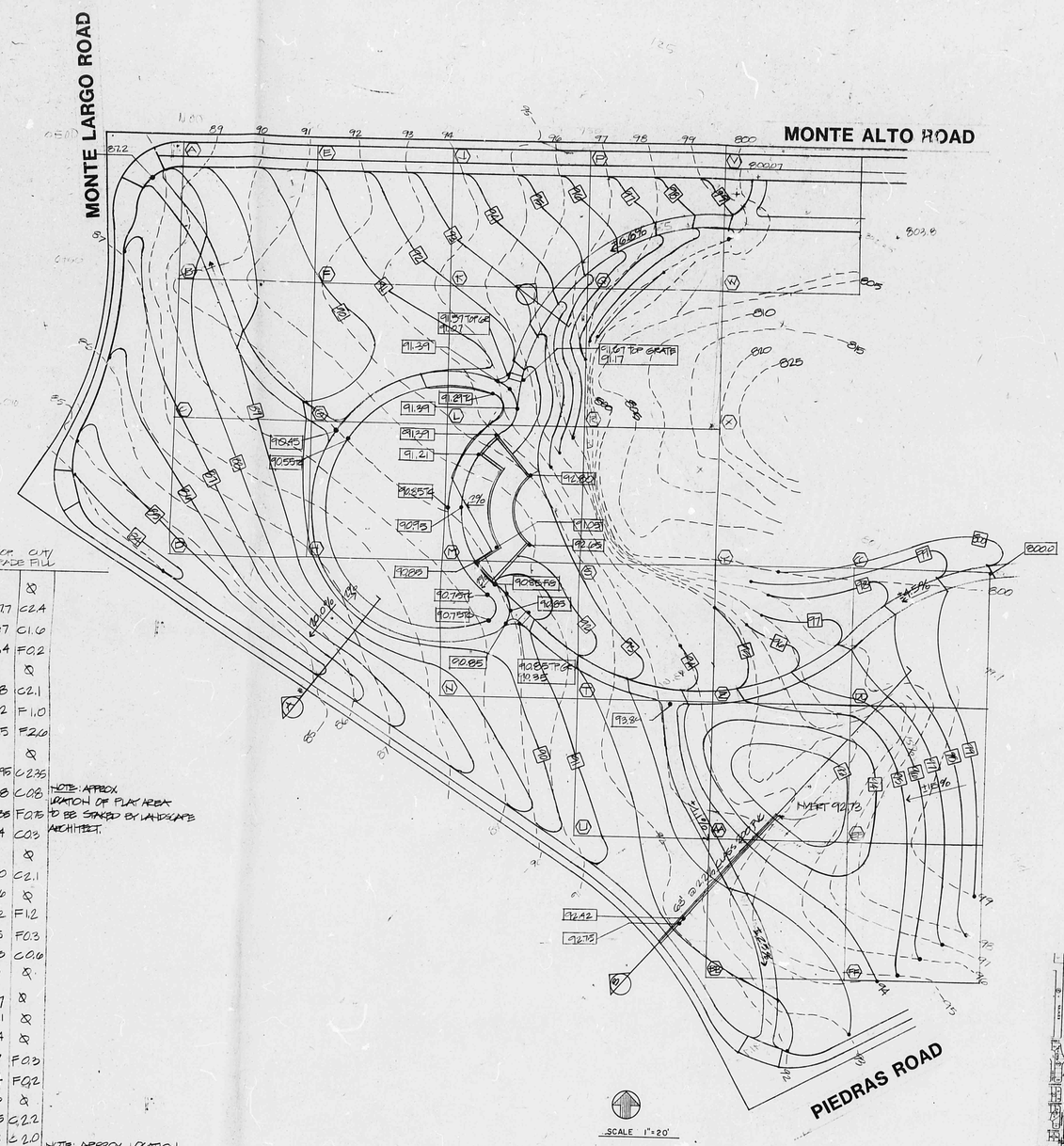
HYDROLOGY K23/D22 2 PLANS

K23/D22

2 Plans

CITY OF ALBUQUERQUE



	EXISTG GRADE	PROP. GRADE	CUT/ FILL
A			Ø
B	90.1	87.7	C2.4
C	88.3	86.7	C1.6
D	84.2	84.4	F0.2
E			Ø
F	91.9	89.8	C2.1
G	89.2	90.2	F1.0
H	86.9	89.5	F2.6
I			Ø
K	94.3	91.95	C2.35
L	91.6	90.8	C0.8
M	89.1	89.88	F0.78
N	88.1	88.4	C0.3
P			Ø
Q	97.1	95.0	C2.1
R	96.6	96.6	Ø
S	92.0	93.2	F1.2
T	91.2	91.5	F0.3
U	91.1	90.5	C0.6
V	Ø	Ø	Ø
W	803.7	803.7	Ø
X	89.1	89.1	Ø
Y	99.4	99.4	Ø
Z	94.4	94.7	F0.3
AA	93.2	93.4	F0.2
BB	91.5	91.5	Ø
CC	89.7	79.95	C2.2
DD	97.5	95.5	C2.0
EE	96.8	93.4	C3.4
FF	94.5	93.1	C1.4

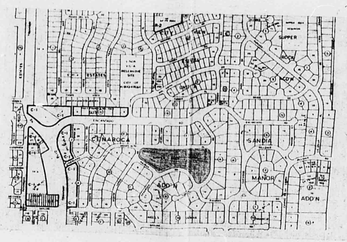
NOTE: APPROX. LOCATION OF PLAY AREA TO BE STAKED BY LANDSCAPE ARCHITECT.

NOTE: APPROX. LOCATION OF PONDING AREA TO BE STAKED BY LANDSCAPE ARCHITECT.

TOTAL: 1438 cy CUT 664 cy FILL

DRAINAGE PLAN
SUBMITTAL
2-12-85

RECEIVED
FEB 13 1985
HYDROLOGY SECTION



VICINITY MAP

K-23-Z

JOB # 2175

City of Albuquerque
Parks and Recreation
Design and Development

Drawn by:
Checked by:
Date:
Revised:

SUPPER ROCK PARK

GRADING PLAN

Sheet
of

D 24 C 20 B 16 A 12

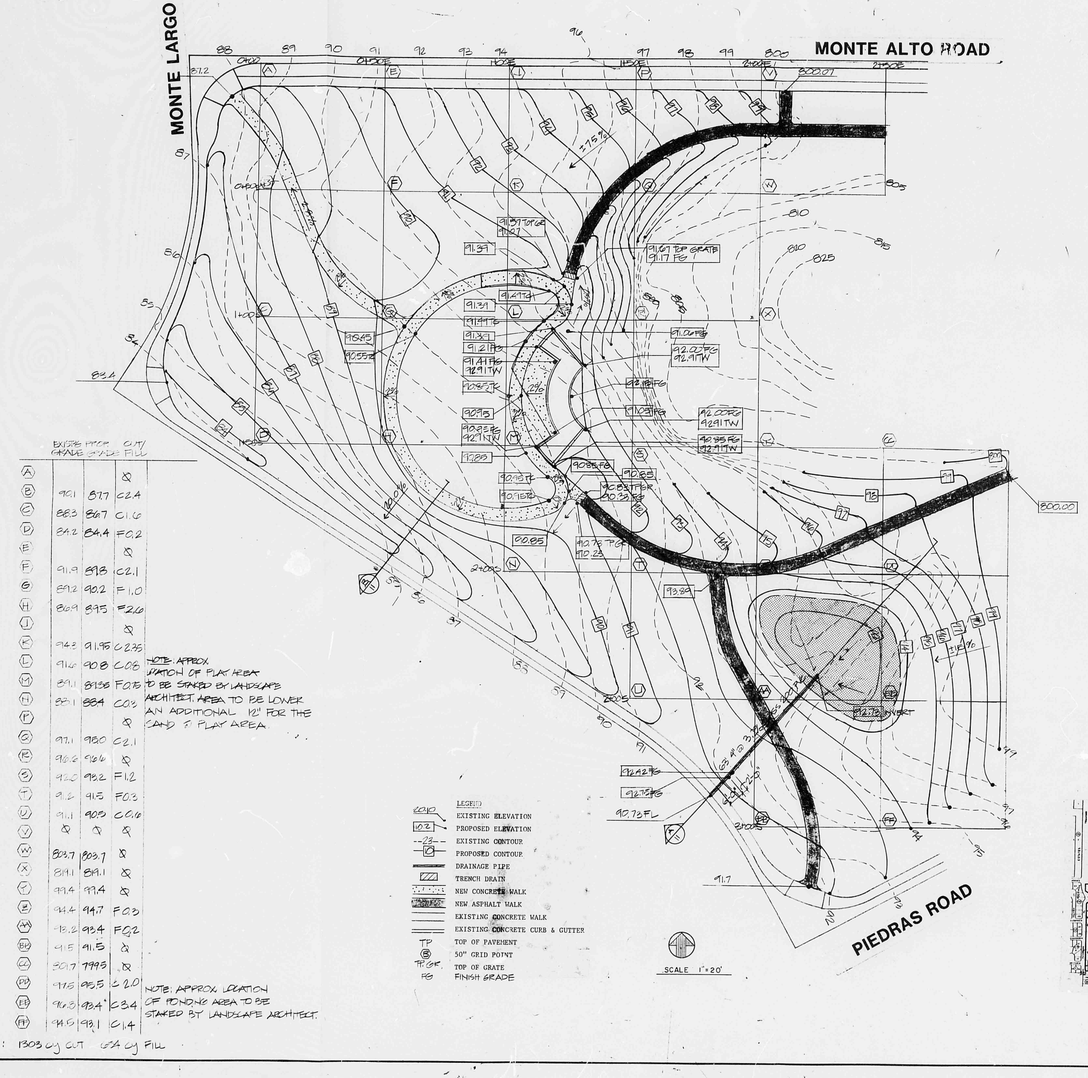
CITY OF ALBUQUERQUE

C D

K23/D22

B.J. Godsby / Hydrology 3/4/85

ROUGH GRADING | **DATE**



	EXISTING GRADE	CUT/FILL
(A)		⊘
(B)	90.1	87.7	C2.4
(C)	88.3	86.7	C1.6
(D)	84.2	84.4	F0.2
(E)		⊘
(F)	91.9	89.8	C2.1
(G)	89.2	90.2	F1.0
(H)	86.9	89.5	F2.6
(I)		⊘
(K)	94.2	91.95	C2.25
(L)	91.6	90.8	C0.8
(M)	89.1	89.58	F0.48
(N)	88.1	88.4	C0.3
(P)		⊘
(Q)	97.1	98.0	C2.1
(R)	90.6	90.6	⊘
(S)	91.0	92.2	F1.2
(T)	91.6	91.5	F0.1
(U)	91.1	90.9	C0.6
(V)	⊘	⊘	⊘
(W)	803.7	803.7	⊘
(X)	89.1	89.1	⊘
(Y)	99.4	99.4	⊘
(Z)	94.4	94.7	F0.3
(AA)	92.2	92.4	F0.2
(BB)	91.5	91.5	⊘
(CC)	80.7	79.95	⊘
(DD)	97.5	95.5	C2.0
(EE)	96.3	98.4	C2.4
(FF)	94.0	98.1	C4.1

NOTE: APPROX. LOCATION OF PLAY AREA TO BE STAKED BY LANDSCAPE ARCHITECT. AREA TO BE LOWER AN ADDITIONAL 12" FOR THE SAND & PLAY AREA.

NOTE: APPROX. LOCATION OF PONDING AREA TO BE STAKED BY LANDSCAPE ARCHITECT.

TOTAL: 1303 cy CUT 654 cy FILL

LEGEND
- 100.0 EXISTING ELEVATION
- 102.1 PROPOSED ELEVATION
- 23 EXISTING CONTOUR
- 10 PROPOSED CONTOUR
- DRAINAGE PIPE
- TRENCH DRAIN
- NEW CONCRETE WALK
- NEW ASPHALT WALK
- EXISTING CONCRETE WALK
- EXISTING CONCRETE CURB & GUTTER
- TP TOP OF PAVEMENT
- 50" GRID POINT
- TG TOP OF GRATE
- FG FINISH GRADE

INFORMATION SHEET

PROJECT TITLE Supper Rock Park
TYPE OF SUBMITTAL Drainage Plan
ZONE ATLAS PAGE NO. K-23-Z
CITY ADDRESS 600 Monte Alto Dr. SE
LEGAL DESCRIPTION Cenaroca Addition
ENGINEERING FIRM Parks & Recreation Design & Development Division
Contact Sandy Zuschlag
Address 121 Tijeras NE, Alb., NM 87102
Phone 823-4012
SURVEYOR City Survey
Contact Dan Montano
Phone 766-5040
DATE SUBMITTED 2/12/85
BY: Sandra C. Zuschlag

Notes:

1. LEGAL DESCRIPTION FOR SUPPER ROCK IS 600 MONTE ALTO DR. NE, CENAROCA ADDITION, ZONE ATLAS PG. K-23-Z.
2. BENCH MARK IS BM 15-K-23. THE BENCH MARK IS LOCATED NORTH OF PIEDRAS, APPROXIMATELY 175 FT. EAST OF THE INTERSECTION OF PIEDRAS AND CENAROCA COURT. THE BENCH MARK IS A 60d NAIL CHISELED INTO THE TOP OF THE CURB. ELEVATION FOR THE BENCH MARK IS 5795.46.
3. SUPPER ROCK IS NOT LOCATED IN THE FLOOD ZONE.
4. SURVEY COMPLETED BY CITY SURVEYING DEPARTMENT 12/5/83.
5. NO OFF SITE WATER FLOWS WILL CONTRIBUTE TO THE WATERSHED OF THE PARK.
6. NO RIGHT-OF-WAYS EXIST ON THE SITE.
7. THE ONLY FLOWS THAT THE SITE IS GENERATING ARE NUISANCE FLOWS. THE NUISANCE FLOWS THAT EXIST WILL BE HANDLED BY REGRADING AND A SEDIMENTATION POND.

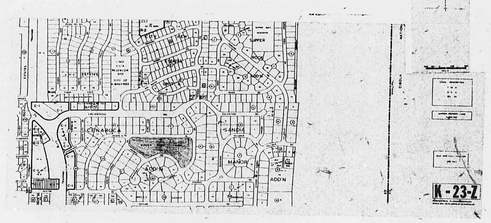
   THE POND WILL DRAIN THROUGH A 4" PIPE TO PIEDRAS ROAD. THE CALCULATIONS FOR THE POND AREA ARE:

   Q=CIA
   A=1.73 acres
   I=assume tc 10 minutes = 5.275
   C=factor of 0.4
   Q=7.08 cfs

   POND VOLUME=1772 CF
   (4' x 1' DEPTH VOLUME)
   VOLUME FOR TWO YEAR FLOOD IS 2700 CF
   VOLUME FOR 10 YEAR FLOOD IS 4774 CF
   POND WILL HOLD FOR THE 10 YEAR FLOOD
8. ONLY THE WESTERN ONE THIRD OF THE PARK TO BE REGRADED. THE EASTERN TWO THIRDS OF THE PARK WILL BE LEFT IN ITS NATIVE GRASS STATE.

NOTE: "CONSTRUCTION WITHIN PUBLIC R/W SHALL BE OBTAINED FROM THE CITY DEPTH. OF TRANSPORTATION"

C.D. Albuquerque 3/4/85



VICINITY MAP

JOB # 2175

City of Albuquerque
Parks and Recreation
Design and Development

Drawn by:
Checked by:
Date:
Revised:

SUPPER ROCK PARK

GRADING PLAN

Sheet 4 of 11

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

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