HYDROLOGY

F22/D15

THREE PLANS

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

Plan Shot IN two Sections

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

PRELIMIN
AICO-WOO
FILED MA
BERNALILLO COU
SCALE 1" = 100'

VICINITY MAP
NO SCALE

ZONE ATLAS SHEET F-22

UNPLATTED
ZONE 7 ZONE 8

Temporary Channel If Needed

SPAIN

1503 cfs

Q_D = 21.1cfs

R-T (MULTI-FAMILY)
65 UNITS
6.52 ACRES

BASIN X

BASIN IV

BASIN V

BASIN III

BASIN IX

Q_D = 4.6cfs

Q_D = 35.5cfs

Q_D = 39.9cfs

Q_D = 59.8cfs

Q_D = 70.5cfs

Q_D = 212cfs

10" TRANSMISSION LINE

CONCRETE LINED CHANNEL

DRAINAGE EASEMENT

AMDEC TRACT II

FLOOD PLAIN BOUNDARY
(Leonard Rice Report)

ZONE 7 ZONE 8

BEAR

UPPER 7E WATER LINE 12"

LOWER 6E WATER LINE 10"

VISTA DEL SANDIA

ACS MONUMENT
"HARRY"
N.M. STATE PLANE
GRID COORDINATES
(CENTRAL ZONE)
X=423575.19
Y=1505887.42
Z=5959.41
Δ<=00°08'51"
GROUND TO GRID FACTOR = 0.9996262

SITE DATA
130.5 ACRES
MINIMUM SING
395 R-1 LOT
65 R-T LOT
460 LOTS T

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PRELIMINARY PLAT

AICO-WOOD · PARCEL

FILED MARCH 10, 1978

BERNALILLO COUNTY, NEW MEXICO

SCALE 1" = 100' MARCH 1978

ALBUQUERQUE RANCH ESTATES

ZONE 8 ZONE 9

UPPER SE WATER LINE 14"

LOWER SE WATER LINE 10"

ROAD

BASIN II

BASIN I

Q_D=99 cfs

Q_D=169 cfs

Q_D=117.0 cfs

Q_D=16.8 cfs

Q_D=70.5 cfs

Q_D=144.1 cfs

Q_D=36.6 cfs

10" TRANSMISSION LINE

LOWER SE WATER LINE 16"

OPEN SPACE ACCESS

FLOOD PLAIN BOUNDARY (Leonard Rice Report)

Land of American Service Corporation

FLOOD WAY

CANYON

TRAMWAY BOULEVARD

NEW HOLIDAY PARK PARTS 5 and 6 (FILED: APRIL 27, 1971)

WEST DR.

SITE DATA

130.5 ACRES TOTAL

MINIMUM SINGLE FAMILY LOT SIZE - 7700 sq. ft.

395 R-1 LOTS

65 R-T LOTS 10 DU/AC

460 LOTS TOTAL 3.52 DU/AC

OWNER: AICO-WOOD Joint Venture
5613 Carruthers N.E.
Albuquerque, New Mexico 87111

AGENT: BOHANNAN-HUSTON Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, New Mexico

LEGEND

Q_D=16.0cfs — BASIN BOUNDARY

DEVELOPED FLOW RATE AND DIRECTION

WATER BLOCK

PONDING AREA

PLATE 9

AICO-WOOD

DEVELOPED DRAINAGE PATTERNS AND FLOW RATES

78-060

(3) F22/D15

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Plan Shot IN two Sections

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PRELIMINARY PL
AICO-WOOD PA
FILED MARCH 10, 19
BERNALILLO COUNTY, N
SCALE 1" = 100'
REVISE

VICINITY MAP
NO SCALE

ZONE ATLAS SHEET F-22

UNPLATTED
ZONE 7 ZONE 8

SPAIN

10" TRANSMISSION LINE

UNDEVELOPED AMDEC TRACT III

FLOOD PLAIN BOUNDARY (Leonard Rice Report)

IF THE CROSS-SECTIONS WERE USED, THERE WOULD BE NO FLOOD PLAIN NORTH EDGE OF PH

FLOOD

ZONE 7 ZONE 8

BEAR

UPPER 7E WATER LINE 12"
LOWER 6E WATER LINE 10"

VISTA DEL SANDIA

max depth = 3.19'
$\bar{V}$ = 14.0 f/s

max depth = 2.64'
$\bar{V}$ = 13.4 f/s

max depth = 3.10'
$\bar{V}$ = 15.1 f/s

max depth
$\bar{V}$ = 12.2

SITE DATA
130.5 ACRES TOTA
65'x105' MIN. LOT SIZE
368 LOTS- R-1
12.78 ACRES R-T (9 D
90 LOTS - R-T
458 LOTS TOTAL

ACS MONUMENT "HARRY"
N.M. STATE PLANE GRID COORDINATES (CENTRAL ZONE)
X=425375.19
Y=1505937.42
Z=5668.41
$\Delta\alpha$=00°08'51"
GROUND TO GRID FACTOR = 0.9996262

PRELIMINARY PLAT

AICO-WOOD PARCEL

FILED MARCH 10, 1978

NALILLO COUNTY, NEW MEXICO

MARCH 1978

E 1" = 100'

REVISED MAY 1979

ZONE 8 ZONE 9

ALBUQUERQUE RANCH ESTATES

5910 5900 5890 5920 5930 5940 5950 5960 5970 5980 5990

UPPER SE WATER LINE 14"

LOWER SE WATER LINE 16"

ROAD

R-T
12.78 ACRES

10' TRANSMISSION LINE

FLOOD PLAIN
BOUNDARY
(Leonard Rice Report)

Land of American Service Corporation

TRAMWAY BOULEVARD

NORTH FLOOD BDY

FLOW DIRECTION

CANYON

FLOOD WAY

MAIN CHANNEL

SOUTH FLOOD BDY

max depth 3.10'
V = 15.1 f/s

max depth 2.70'
V = 12.3 f/s

max depth 1.92'
V = 10.8 f/s

max depth 1.54'
V = 10.6 f/s

SITE DATA

130.5 ACRES TOTAL
65'x105' MIN. LOT SIZE
368 LOTS— R-1
12.78 ACRES R-T (9 DU/AC)
90 LOTS— R-T
458 LOTS TOTAL

OWNER: AICO-WOOD Joint Venture
5613 Carruthers N.E.
Albuquerque, New Mexico 87111

AGENT: BOHANNAN-HUSTON Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, New Mexico

NEW HOLIDAY PARK
PARTS 5 and 6
(FILED: APRIL 27, 1971)

ZONE 8 ZONE 9

WEST DR.

78-060

F-22/D/5

ACADEMY

ROAD (100' R/W)

20' B.C.P.

FUTURE DENSITY

CURRENT P.N.M. SUBSTATION SITE

RESIDENTIAL

180'

24' RVS. @ 29' off R.

FUTURE SHOPPING CTR.

McKAY

R-1 RESIDENTIAL

125' TEMP. D. EMT.

160' P.N.M. R/W SOUTHBOUND

116' NORTHBOUND

SPAIN ROAD (88' R/W)

ON PLAN

ACE & FLOODPLAIN

PK

MANITOBA ROAD

TWIN 115 KV. "H" STRUCTURES (64' POLE TO POLE)

1200 CFS

BEAR TRIBUTARY

LANDS OF ALBUQUERQUE ACADEMY TRUST

SOUTH BASIN #1 = 151 CFS

S.B. # 2 = 313 CFS

S.B #3 = 65 CFS

BEAR CANYON ARROYO

2200 CFS

100 YR FLOWS
w/ 10% increase over natural
(non-developed)
Source: Bohannan Huston

SKETCH OF EXISTING LAND DESIGNATION

N

1" = 400'