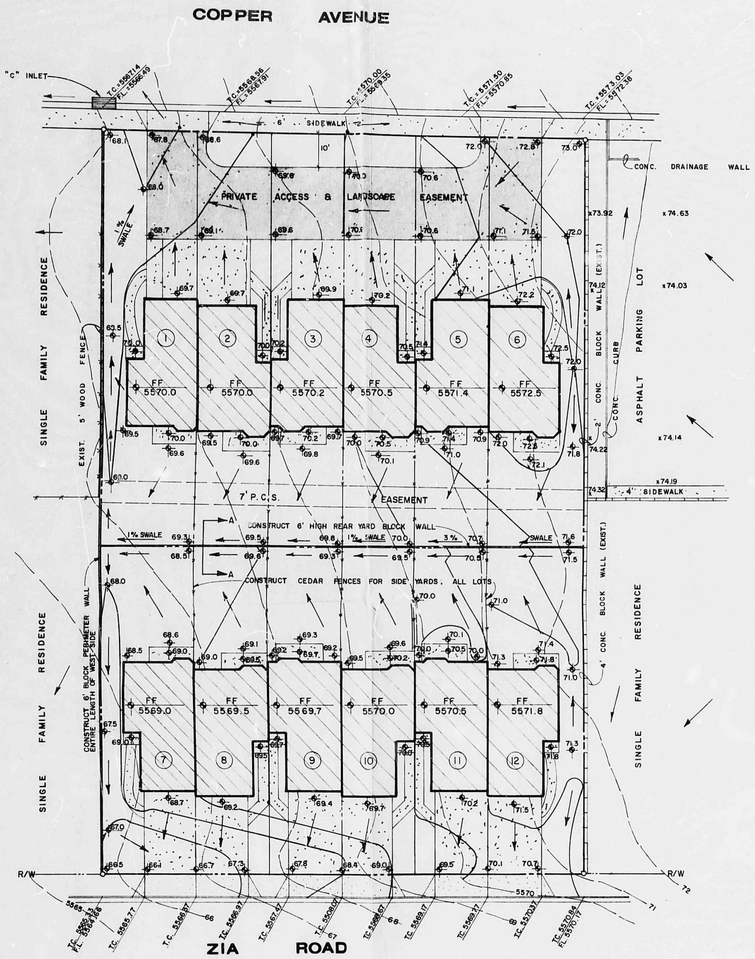
HYDROLOGY K22/D22 4 PLANS

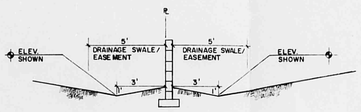
1 of 2

K22/D22A

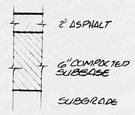
4 Plans

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





SECTION A-A



PAVING SECTION

0 10 20 40

NOTE: Original drainage plan, as outlined by approved drainage report prepared by Bohannan-Huston, Inc., December 1982, called for rear yard ponding of all flows directly generated by rear yard area only. All other flows from roof and front yard areas were discharged to adjacent Copper Avenue and Zia Road.

In subsequent conversations with City Hydrology, Fred Aquirre, the following variations to approved drainage were allowed:

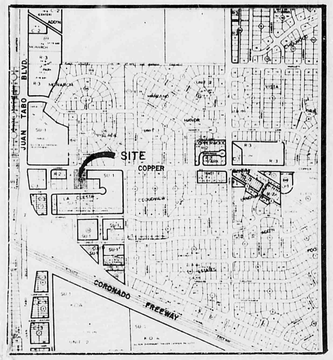
-- Discharge rear yards to adjacent streets via rear yard drainage swales and side yard drainage swales along west property line of lots 1 and 7.

-- Provide private drainage easements for proposed swales.

This variation was allowed due to the undesirability of rear yard ponds and that no credit was given by the City for the rear yard basin discharge in the original report.

LEGEND

- CONCRETE PAVING
- LANDSCAPED AREA
- PROPERTY LINE
- EXISTING CURB & GUTTER W/SIDEWALK
- 12.7 EXISTING SPOT ELEVATION
- 12 EXISTING CONTOUR
- 12.7 PROPOSED SPOT ELEVATION
- 12 PROPOSED FINISHED CONTOUR
- SURFACE FLOW DIRECTION
- BUILDING STRUCTURE
- ASPHALT PAVING



VICINITY MAP
K-22

CONSULTANTS, TERRA SOL INC.
ALBUQUERQUE OFFICE - 900 B. ALVARADO N.E. ALBUQUERQUE, N. MEX., 87110 266-3444
SANDIA PARK OFFICE - P.O. BOX 142 SANDIA PARK, N. MEX., 87047 281-1931

Revisions
Date 11/12/86
Designed C.L.W. 6-83
Drawn R.W. 6-83
Checked C.L.W. 6-83

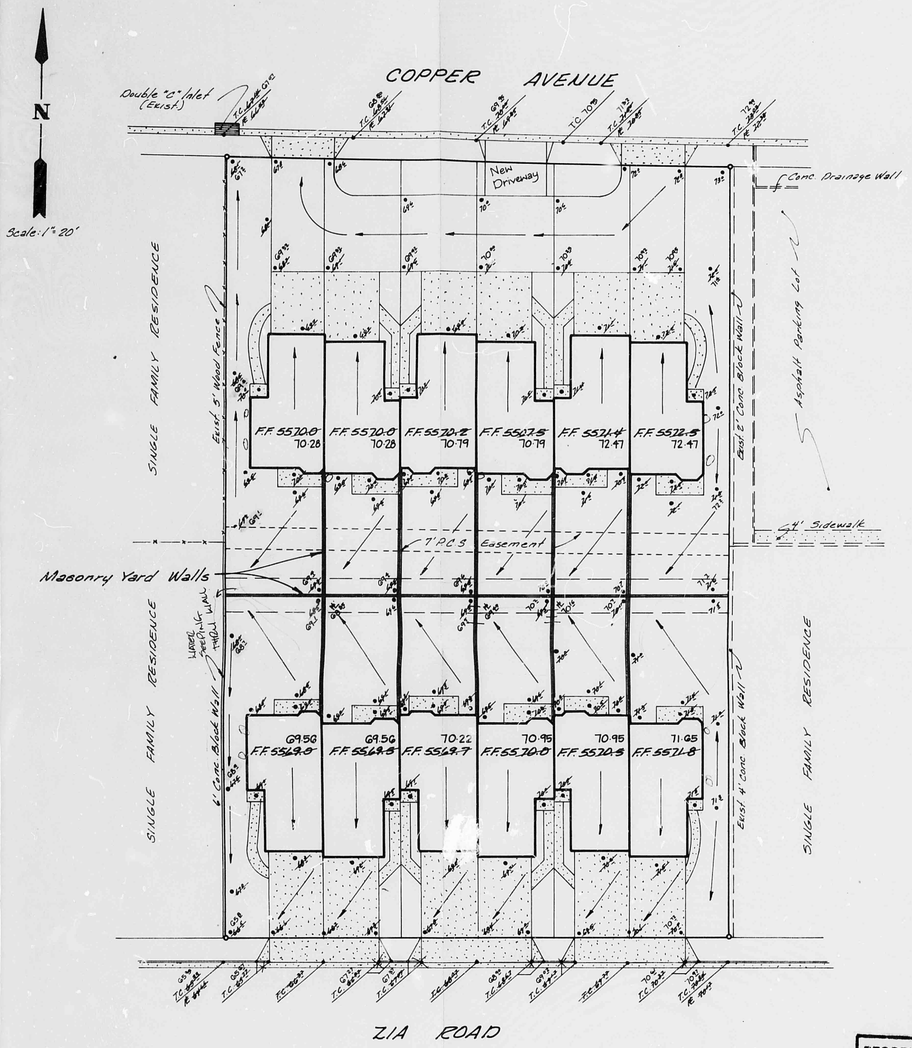
GRADING PLAN
OF
CORTE DE PAZ

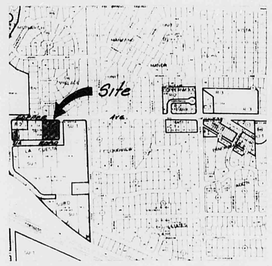
SHEET 1 OF 1

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D





VICINITY MAP (K-22)

NOTES:

1. All roofs shall be sloped to drain to front yards.
2. Provision for Lot to Lot (rear yard) drainage shall be made for emergency use. (See sideyard wall detail.)
3. The revision shown on this plan is in conformance with the Approved drainage plan prepared by Consultants Terra Sol, Inc.

AS-BUILT LEGEND

XXX	Design Elevation
XX.X	As-built Elevation
XX.XX	Design Elevation No as-built obtained

DRAINAGE CERTIFICATION

I, JEAN J. BORDENAVE, a New Mexico Registered Professional Engineer and Land Surveyor, do hereby certify that:

1) the elevations shown hereon represent those found in the field by a survey crew under my direction on March 3, 1986 and that;

2) the drainage patterns established by the as-built conditions are in substantial compliance with those represented in the drainage plan prepared by Consultants, Terra Sol, Inc.

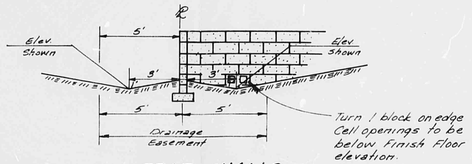
4/16/86
JEAN J. BORDENAVE, P.E. NMLS #5110

RECORD DRAWING

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 5110 STATE OF NEW MEXICO JEAN J. BORDENAVE

FIELD INSPECTION
4-18-86
① WATER CROSSES WEST PROPERTY LINE THRU WALL INTO ADJACENT PROPERTY
② ROOF DRAINAGE NOT AS SHOWN ON PLAN. DOWN SPOUTS ON SIDE & REAR OF BLDGS.
③ TURNED BLOCKS ONLY AT 12 (TWO) WALLS.

PRINTED
APR 16 1986



REAR WALLS

REVISED GRADING PLAN

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 5110 STATE OF NEW MEXICO JEAN J. BORDENAVE

DMJM/ADAM, HAMLYN, ANDERSON
5700 HARPER DRIVE NE, SUITE 280
ALBUQUERQUE, NEW MEXICO 87109
(505) 822-7955

CORTE DE PAZ

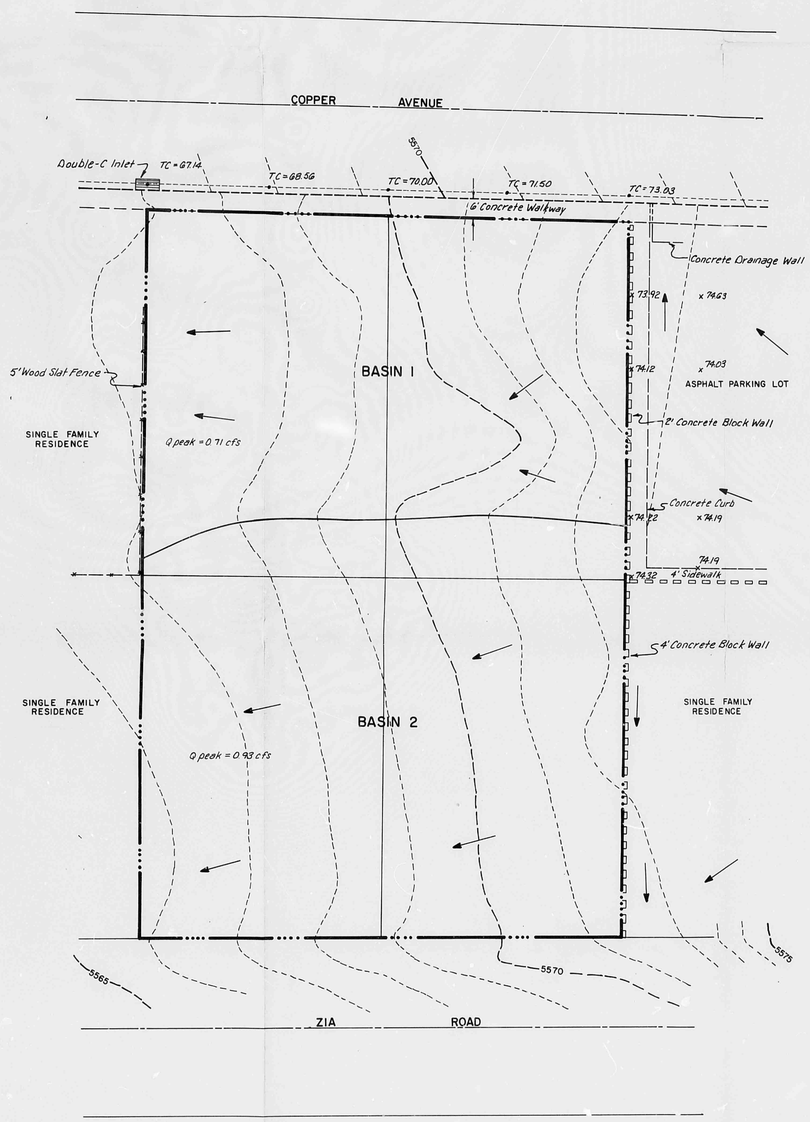
RECEIVED APR 16 1986 HYDROLOGY SECTION

Engineers File No. D4A25-12-01 Zone A.C.S. 4594

C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D



LEGEND

- PROJECT BOUNDARY
- BASIN BOUNDARY
- EXISTING CONTOURS
- DIRECTION OF FLOW
- EXISTING BLOCK WALL
- EXISTING FENCE

BENCH MARKS

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "7-K22 1974", CEMENTED IN A DRILL HOLE IN TOP OF THE CONCRETE CURB ON THE SOUTHEAST CORNER OF THE INTERSECTION OF ZENA LONA ST. & COPPER AVE.
ELEVATION: 5592.58'

AS-BUILT INFORMATION

CONTRACTOR — DATE
OWNER — DATE
PROJECT NOTE — DATE
FIELD VERIFICATION BY — DATE
CORRECTIONS — DATE
RECORDED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION			
NO.	BY	DATE	

REFERENCES	
MAP NO.	
EST. NO.	W.O. NO.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DWW DATE 11/82
DRAWN BY PE DATE 11/82
CHECKED BY DMYM DATE 11/82

PREPARED UNDER THE DIRECTION OF
DAVID M. T. MILLARD — STATE OF NEW MEXICO — 7517 — REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING
CITY ENGINEER DATE

SCALE: 1" = 20'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: A TOWNHOUSE DEVELOPMENT IN LA CUESTA SUBDIVISION UNDEVELOPED DRAINAGE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE

DRAWING NO.

SHEET 1 OF 2

BRUNING 44-132-52753

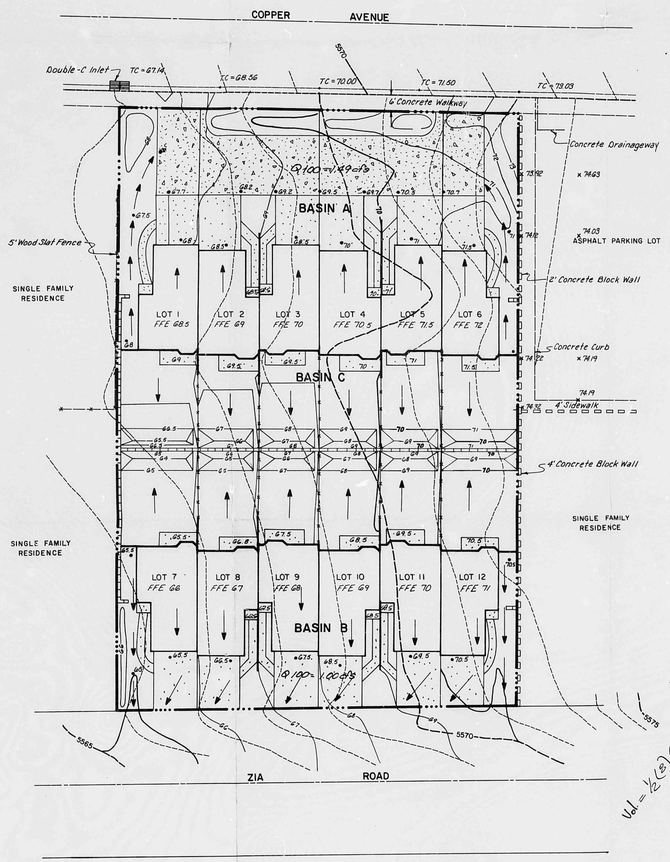
D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D

HYDROLOGY K22/D22 4 PLANS

2 of 2



Vol = 1/2 (8)(1) = 4 x 30 = 120'

30 x 8

+30'

LEGEND

- PROJECT BOUNDARY
- BASIN BOUNDARY
- EXISTING CONTOURS
- PROPOSED CONTOURS
- DIRECTION OF FLOW
- EXISTING BLOCK WALL
- PROPOSED BLOCK WALL
- EXISTING FENCE
- PROPOSED FENCE
- RETAINING WALLS

AS-BUILT INFORMATION

CONTRACTOR	DATE
SUPERVISOR	
ENGINEER'S CERT.	
REDLINE REVISIONS BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

THE STATION MARK IS A STANDARD AC'S BRASS TABLET, STAMPED "7-K22 1974", CEMENTED IN A DRILL HOLE IN THE CONCRETE CURB ON THE SOUTHEAST CORNER OF THE INTERSECTION OF 7ENA LOMA ST. & COPPER AVE.
ELEVATION: 5592.58'

SURVEY INFORMATION

NO.	BY	DATE

REFERENCES

MAP NO.	W.O. NO.	EST. NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY DWW DATE 12/82
DRAWN BY PE DATE 12/82
CHECKED BY DMYM DATE 12/82

PREPARED UNDER THE DIRECTION OF

DAVID A. T. MOLINA — NEW MEXICO — 7841 — REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING

CITY ENGINEER DATE

SCALE: 1" = 20'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: A TOWNHOUSE DEVELOPMENT IN LA CUESTA SUBDIVISION
DEVELOPED DRAINAGE & GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE

DRAWING NO. PLATE 2

DRAWING 44 35 32773

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D