PUBLIC WORKS/HYDROLOGY

B23/D2

0000 0000 1514

B23/D2

25×10

0000 0000 15 15

BOARD OF COUNTY COMMISSIONERS
HENRY GABALDON, CHAIRMAN
DISTRICT 1
EUGENE M. GILBERT, VICE CHAIRMAN
DISTRICT 3
AL VALDEZ, MEMBER
DISTRICT 2
PATRICIA "PAT" CASSIDY, MEMBER
DISTRICT 4
JACQUELYN SCHAEFER, MEMBER
DISTRICT 5
VICKIE FISHER, COUNTY MANAGER

County of Bernalillo

State of New Mexico

ONE CIVIC PLAZA N.W.
ALBUQUERQUE, NEW MEXICO 87102

ALVIN J. CAMPBELL, SHERIFF
PATRICK J. PADILLA, TREASURER
GLADYS M. DAVIS, CLERK
SAM L. PEREA, ASSESSOR
THOMAS J. MESCALL, PROBATE JUDGE

May 25, 1990

James Topmiller
Bohannan-Huston Inc.
7500 Jefferson NE
Albuquerque, New Mexico 87109

RE: REVISED DRAINAGE PLAN FOR CASCELLA RESIDENCE (B-23/D2) BP90-175
ENGINEER'S STAMP DATED MAY 15, 1990

Dear Mr. Topmiller:

Based on the information provided on your May 22, 1990 resubmittal, the above referenced drainage plan is approved for Building Permit (Hydrology Only).

Please be advised that prior to the final, Engineer Certification per the D.P.M. checklist will be required.

Also, the easement requirement must be concurred by AMAFCA.

If I can be of further assistance, please feel free to contact me at 768-2650.

Sincerely,

for Bernie J. Montoya
Fred Aguirre, P.E.
Hydrology Division

cc: Greg Baczek
P.O. Box 80116
Albuquerque, NM 87198

BJM:jc
WP+1834

25×10

0000 0000 15 16

RECEIVED
APR 26 1990
HYDROLOGY DIVISION

April 25, 1990

Mr. Gilbert Aldaz
City/County Floodplain Administrator
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Lot 220, SANDIA HEIGHTS NORTH, UNIT 2 BP 90-175

Gentlemen:

This letter and enclosed documentation comprises the required drainage report for the above referenced tract of land in Sandia Heights North. A single-family residential dwelling unit is proposed for this lot as shown on the enclosed sketch plat. The La Cueva Arroyo Floodplain extends through the northerly portion of the lot and it is this floodplain that is the primary subject of this report. We have enclosed the following documentation:

1. Copy of the platted lot.
2. USGS map used to identify the drainage basin of the arroyo for flowrate calculations.
3. 1"=100' topographical map of the lot and arroyo (supplemented and verified by field measurements).
4. Cross-sections of the adjacent arroyo and calculations for flow depth.
5. Calculations for flowrate in the arroyo, using COA DPM procedures.
6. A sketch plat identifying the arroyo, floodplain, "prudent line" and proposed home relationships.

Based on the calculation of this report, it is our recommendation to construct the proposed home no closer to the arroyo than the "prudent line" shown on the sketch plat.

I believe this report to be sufficient for building permit release. If I can do anything else, please let me know.

Sincerely,

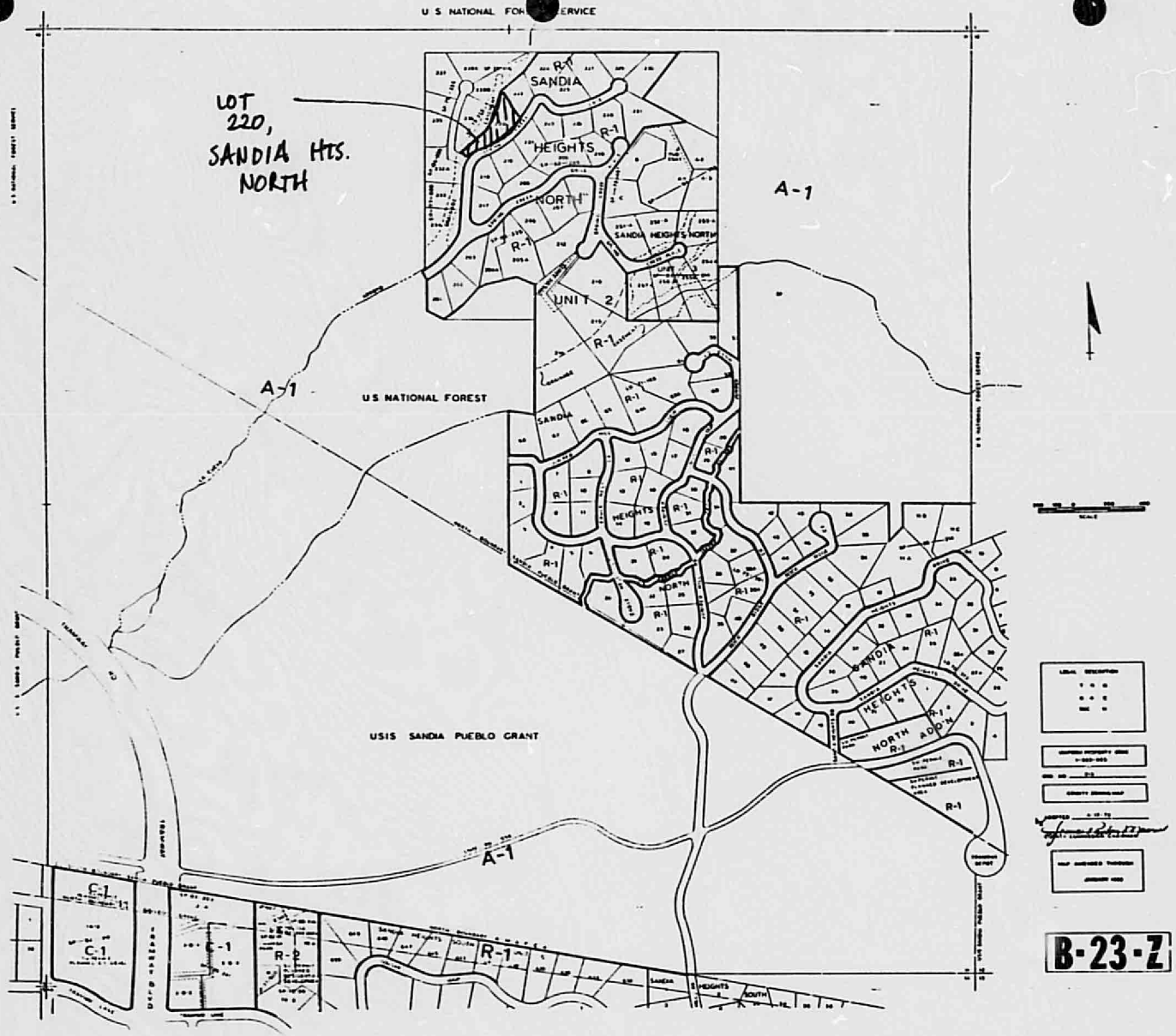
James Topmiller

James Topmiller, P.E.
Project Manager

Enclosures

JRT/blm
Job No. 90131.06

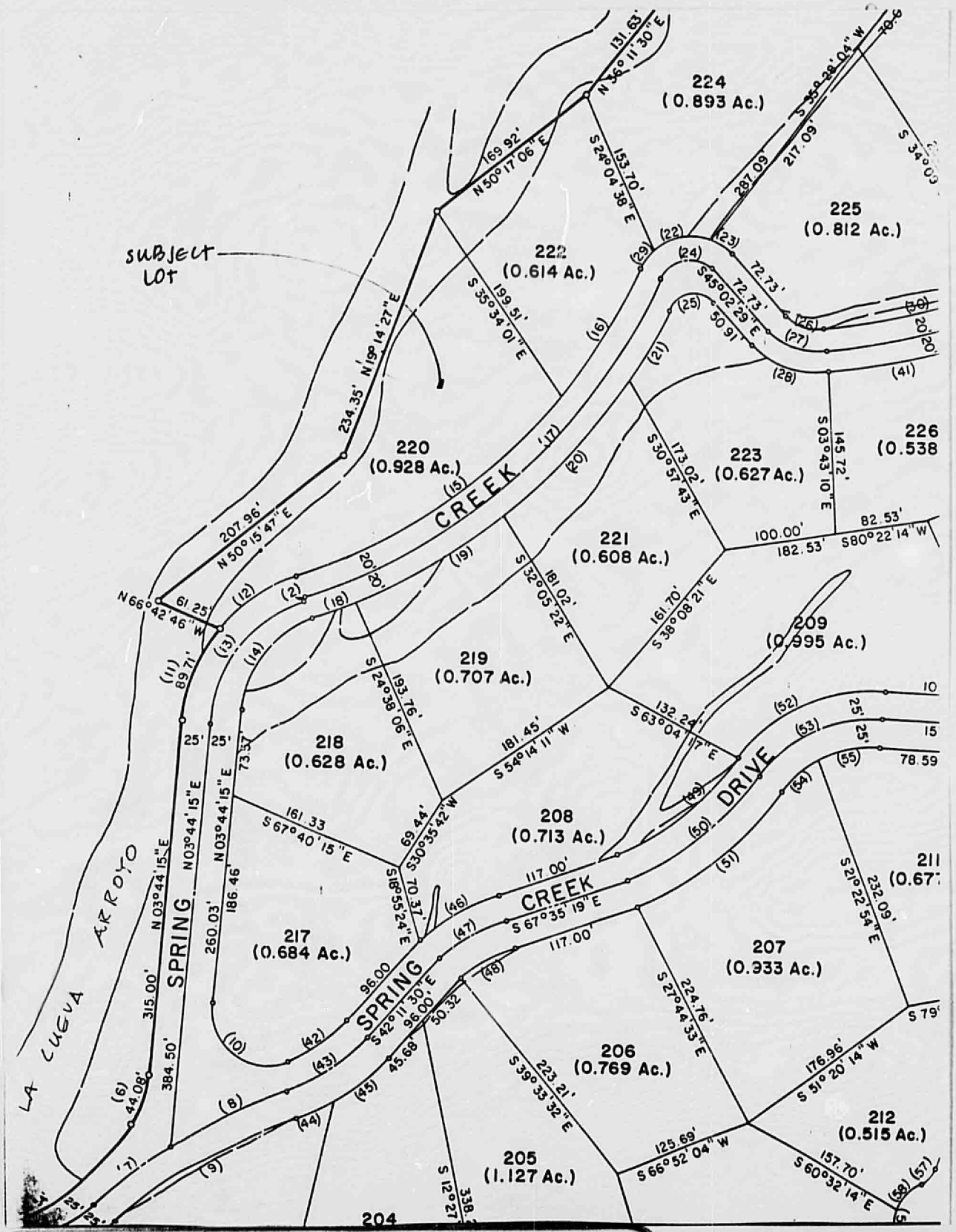
25×10


U S NATIONAL FOREST SERVICE
LOT 220, SANDIA HTS. NORTH
SANDIA HEIGHTS NORTH
UNIT 2
A-1
U S NATIONAL FOREST
USIS SANDIA PUEBLO GRANT
R-1
C-1
R-2
SANDIA HEIGHTS NORTH ADD'N
SANDIA HEIGHTS SOUTH

B-23-Z

25 X

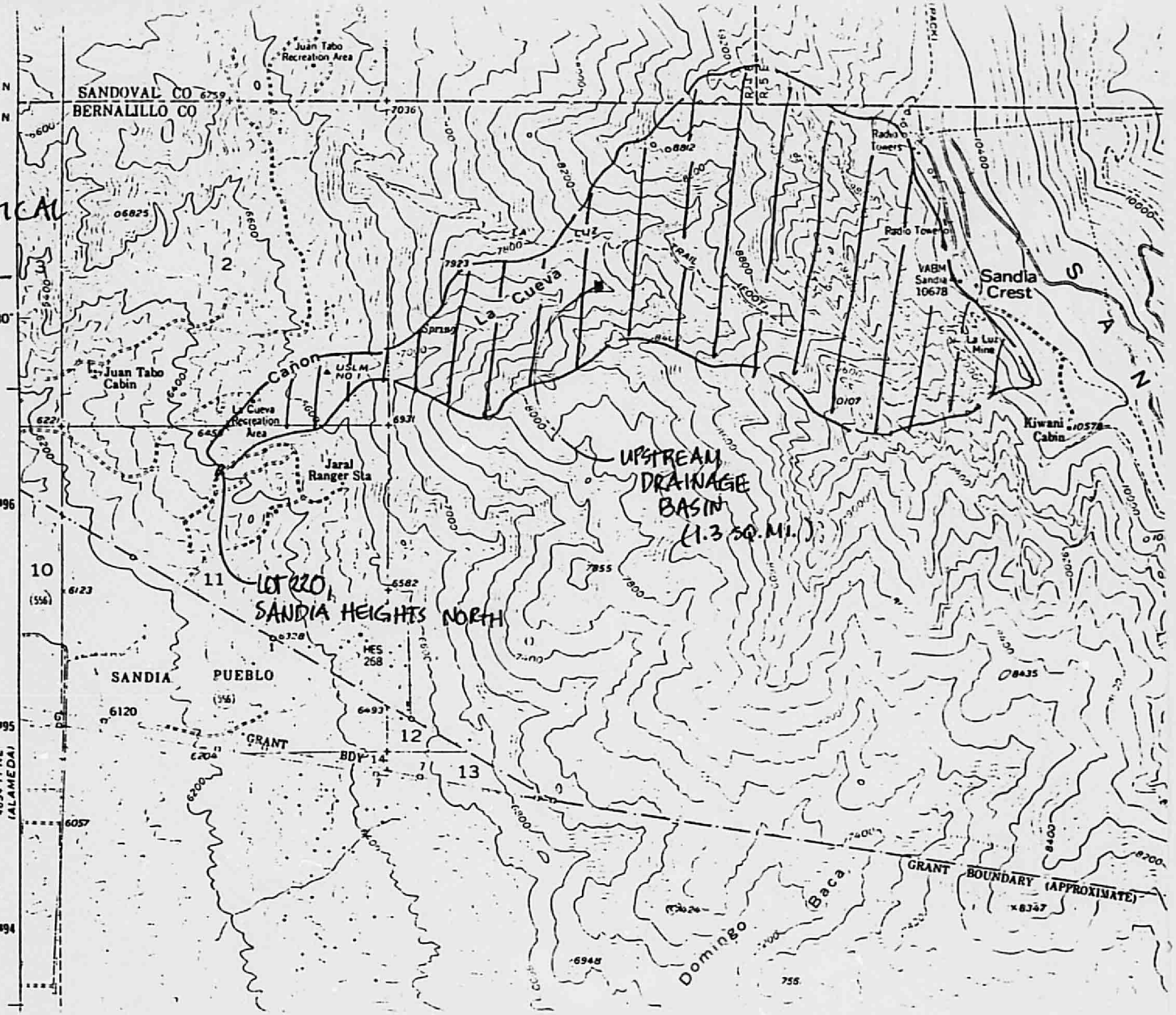
0000 0000 1518



25×

USGS TOPOGRAPHICAL MAP

NORTH
1"=2000'



25X

0000 0000 1520

LA CUEVA ARROYO

(see upstream basin sheet)

FLOWRATE CALCULATIONS

1. Upstream basin — 832 acres, 1.3 sq. miles
2. Time of Concentration —
   Longest Reach - 14,500'
   Δ Elev = 4200'
   $\text{Slope} = \frac{4200}{14500} = 0.2897$
   $T_c \text{ (Kirpich)} = 0.0078 \frac{14500^{.77}}{0.2897^{.385}} = 20.11 \text{ min.}$
3. Point Rainfall = 3" (DPM)
4. CN = 82 (DPM)
5. Direct Runoff = 1.4" (DPM chart)
6. $T_p = T_c = 20$ min.
7. $q_p = \frac{45.4\ (832 \text{ ac.})}{20} = 1890$ cfs/inch of D.R.
8. $Q_{100} = 1890\ (1.4") = 2646$ cfs

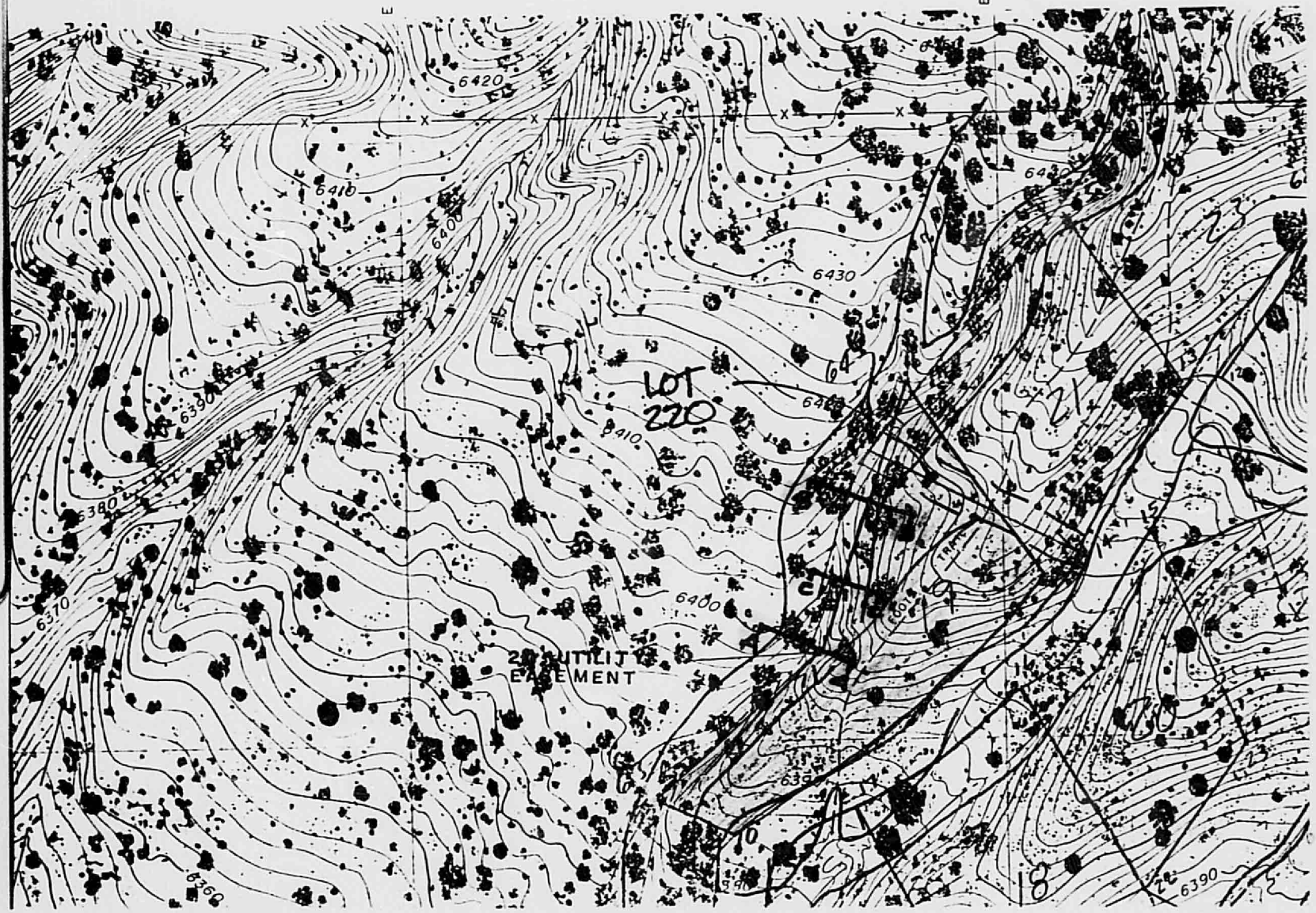
REGISTERED PROFESSIONAL ENGINEER
JAMES R. TOPMILLER
NEW MEXICO
9256

BOHANNAN-HUSTON INC.

PROJECT NAME LOT 220, SANDIA HEIGHTS NORTH SHEET ____ OF ____
PROJECT NO. ____ BY ____ DATE ____
SUBJECT ____ CH'D ____ DATE ____

25×10

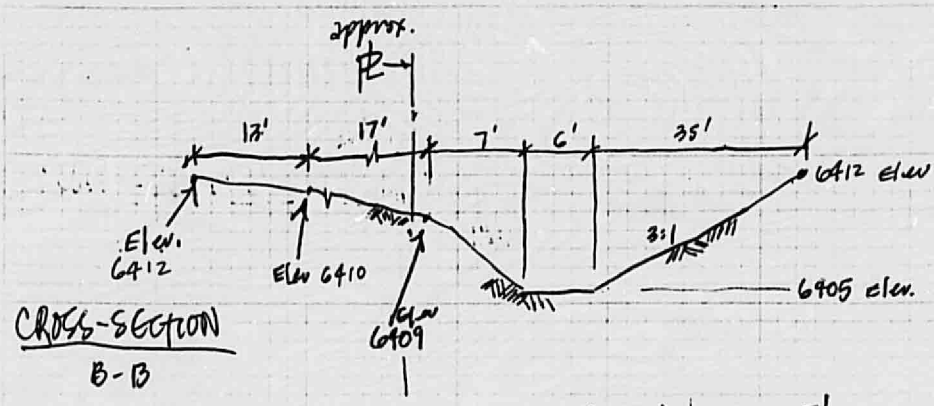
TOPOGRAPHIC MAP
SCALE 1" = 100'



25 X 10

1 25' 0000 0000 0000

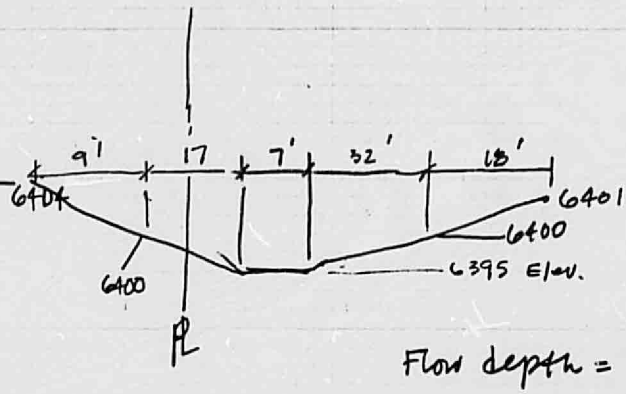
0000 0000 1522



CROSS-SECTION B-B

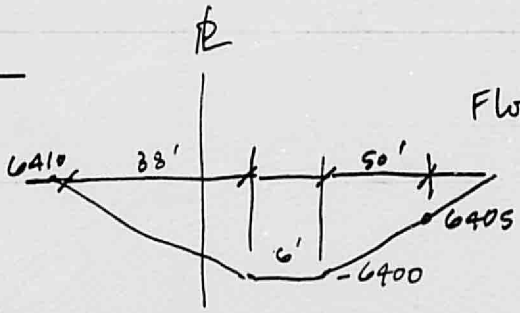
Flow depth = 5'
(by Manning's)

CROSS-SECTION A-A



Flow depth = 4.0'

CROSS-SECTION C-C



Flow depth = 4.0'

n = 0.03
S = 0.07

JAMES R. TOPMILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER

BOHANNAN-HUSTON INC.

PROJECT NAME LOT 220, SANDIA HTS. NORTH SHEET ____ OF ____
PROJECT NO. ____ BY ____ DATE ____
SUBJECT 90131.06 CH'D ____ DATE ____

25×10

0000 0000 1523

CROSS SECTION A-A

MANNINGS N=.0300 SLOPE =.0700

POINT	DIST	ELEV	POINT	DIST	ELEV	POINT	DIST	ELEV
1	0.00	6404.00	3	26.00	6395.00	5	65.00	6400.00
2	9.00	6400.00	4	33.00	6395.00	6	83.00	6401.00

	WSEL FT.	DEPTH INC	FLOW AREA SQ.FT.	FLOW RATE (CFS)	WETTED PER (FT)	FLOW VEL (FPS)	TOPWID
	6395.3	0.3	2.1	9.7	9.5	4.7	9.4
	6395.5	0.5	4.7	33.2	12.0	7.0	11.9
	6395.8	0.8	8.0	70.6	14.5	8.8	14.4
	6396.0	1.0	11.9	122.8	17.0	10.3	16.8
	6396.3	1.3	16.4	191.4	19.5	11.7	19.3
	6396.5	1.5	21.5	277.7	22.0	12.9	21.7
	6396.8	1.8	27.3	383.1	24.5	14.1	24.1
	6397.0	2.0	33.6	508.9	27.0	15.1	26.6
	6397.3	2.3	40.6	656.4	29.5	16.2	29.1
	6397.5	2.5	48.1	826.9	32.1	17.2	31.5
	6397.8	2.8	56.3	1021.7	34.6	18.1	34.0
	6398.0	3.0	65.1	1242.0	37.1	19.1	36.4
	6398.3	3.3	74.5	1488.9	39.6	20.0	38.9
	6398.5	3.5	84.5	1763.6	42.1	20.9	41.3
6399.2	6398.8	3.8	95.2	2067.3	44.6	21.7	43.8
4.2'	6399.0	4.0	106.4	2496 cfs 2401.1	47.1	22.6	46.2
	6399.3	4.3	118.3	2766.2	49.6	23.4	48.7
	6399.5	4.5	130.7	3163.5	52.1	24.2	51.1
	6399.8	4.8	143.8	3594.2	54.6	25.0	53.5
	6400.0	5.0	157.5	4059.3	57.1	25.8	56.0
	6400.3	5.3	172.1	4445.1	62.2	25.8	61.1
	6400.5	5.5	188.0	4885.7	67.4	26.0	66.1
	6400.8	5.8	205.2	5381.8	72.5	26.2	71.2
	6401.0	6.0	223.6	5934.9	77.6	26.5	76.3

25×10

0000 0000 1524

CROSS SECTION B-B

MANNINGS N=.0300 SLOPE =.0700

POINT	DIST	ELEV	POINT	DIST	ELEV	POINT	DIST	ELEV
1	0.00	6412.00	3	30.00	6409.00	5	43.00	6405.00
2	13.00	6410.00	4	37.00	6405.00	6	78.00	6412.00

WSEL FT.	DEPTH INC	FLOW AREA SQ.FT.	FLOW RATE (CFS)	WETTED PER (FT)	FLOW VEL (FPS)	TOPWID
6405.3	0.3	1.7	8.2	7.8	4.8	7.7
6405.5	0.5	3.8	27.4	9.6	7.1	9.4
6405.8	0.8	6.4	57.3	11.3	9.0	11.1
6406.0	1.0	9.4	98.2	13.1	10.5	12.8
6406.3	1.3	12.8	151.1	14.9	11.8	14.4
6406.5	1.5	16.6	216.8	16.7	13.1	16.1
6406.8	1.8	20.8	296.1	18.5	14.2	17.8
6407.0	2.0	25.5	390.0	20.2	15.3	19.5
6407.3	2.3	30.6	499.2	22.0	16.3	21.2
6407.5	2.5	36.1	624.6	23.8	17.3	22.9
6407.8	2.8	42.0	767.1	25.6	18.3	24.6
6408.0	3.0	48.4	927.3	27.3	19.2	26.3
6408.3	3.3	55.1	1106.2	29.1	20.1	27.9
6408.5	3.5	62.3	1304.5	30.9	20.9	29.6
6408.8	3.8	70.0	1523.0	32.7	21.8	31.3
6409.0	4.0	78.0	1762.3	34.5	22.6	33.0
6409.3	4.3	86.9	1912.0	40.0	22.0	38.5
6409.5	4.5	97.3	2114.0	45.5	21.7	44.0
6409.8	4.8	108.9	2366.2	51.1	21.7	49.5
6410.0	5.0	122.0	2668.3	56.6	21.9	55.0
6410.3	5.3	136.1	3096.6	59.5	22.8	57.9
6410.5	5.5	150.9	3563.5	62.4	23.6	60.8
6410.8	5.8	166.5	4070.1	65.3	24.4	63.6
6411.0	6.0	182.8	4617.7	68.3	25.3	66.5
6411.3	6.3	199.7	5207.4	71.2	26.1	69.4
6411.5	6.5	217.4	5840.6	74.1	26.9	72.3
6411.8	6.8	235.9	6518.3	77.0	27.6	75.1
6412.0	7.0	255.0	7241.8	79.9	28.4	78.0

25×10

0000 0000 1525

CROSS SECTION C-C

MANNINGS N=.0300 SLOPE =.0700

POINT	DIST	ELEV	POINT	DIST	ELEV	POINT	DIST	ELEV
1	0.00	6410.00	3	44.00	6400.00			
2	38.00	6400.00	4	94.00	6405.00			

WSEL FT.	DEPTH INC	FLOW AREA SQ.FT.	FLOW RATE (CFS)	WETTED PER (FT)	FLOW VEL (FPS)	TOPWID
6400.3	0.3	1.9	8.8	9.5	4.5	9.4
6400.5	0.5	4.7	31.6	13.0	6.7	12.9
6400.8	0.8	8.4	70.0	16.5	8.3	16.4
6401.0	1.0	12.9	126.3	20.0	9.8	19.8
6401.3	1.3	18.3	202.8	23.5	11.1	23.3
6401.5	1.5	24.5	301.7	27.0	12.3	26.7
6401.8	1.8	31.6	425.1	30.5	13.4	30.2
6402.0	2.0	39.6	575.0	34.0	14.5	33.6
6402.3	2.3	48.4	753.3	37.5	15.6	37.0
6402.5	2.5	58.1	962.1	40.9	16.6	40.5
6402.8	2.8	68.7	1203.1	44.4	17.5	44.0
6403.0	3.0	80.1	1478.1	47.9	18.5	47.4
6403.3	3.3	92.4	1788.9	51.4	19.4	50.9
6403.5	3.5	105.5	2137.2	54.9	20.3	54.3
6403.8≈6404	3.8	119.5	2646 cfs 2524.6	58.4	21.1	57.8
6404.0	4.0	134.4	2952.8	61.9	22.0	61.2
6404.3	4.3	150.1	3423.4	65.4	22.8	64.7
6404.5	4.5	166.7	3938.0	68.9	23.6	68.1
6404.8	4.8	184.2	4498.0	72.4	24.4	71.6
6405.0	5.0	202.5	5105.1	75.9	25.2	75.0

25×10

0000 0000 1526

A-23

NORTH

SCALE 1" = 20'

NOTE: "PRUDENT LINE", AS SHOWN ON THIS PLAN, REPRESENTS THE LINE AT WHICH LATERAL MIGRATION OF THE ARROYO IS ESTIMATED TO BE LIMITED. THIS IS NOT BASED ON A PRUDENT LINE ANALYSIS BUT ON BEST JUDGEMENT.

PLATTED DRAINAGE EASEMENT

15'

LA CUEVA DRAINAGE ARROYO

B

B

FLOODPLAIN LIMITS OF THIS REPORT

PROPERTY LINE

30'

"PRUDENT LINE" (SEE NOTE

JAMES R. TOPMILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER
4-25-90

GARAGE TO BE RELOCATED OUTSIDE "PRUDENT LINE"

RESIDENCE

C

C

100-YEAR STORM FLOODPLAIN LIMITS OF THIS REPORT

"PRUDENT LINE".

PATIO

30'

Direction of Flow

A

A

PLATTED DRAINAGE EASEMENT

SEPTIC DRAIN FIELD

CRE

25×10 32×10

0000 0000 1527

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CARSELLAS RESIDENCE ZONE ATLAS/DRNG. FILE #: B23/D2

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: 1 of 220, SANDIA HTS. NORTH

CITY ADDRESS: _____

ENGINEERING FIRM: BOHANNAN-HUSTON CONTACT: KERRY DAVIS / JAMES TOPMILLER

ADDRESS: 7500 JEFFERSON NE PHONE: 823-1000

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

RECEIVED [redacted] 22 HYDROLOGY DIVISION

TYPE OF SUBMITTAL:

- ____ DRAINAGE REPORT
- ✓ DRAINAGE PLAN
- ____ CONCEPTUAL GRADING & DRAINAGE PLAN
- ____ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERTIFICATION
- ____ OTHER _____

PRE-DESIGN MEETING:

- ____ YES
- ✓ NO
- ____ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ____ SKETCH PLAT APPROVAL
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D. APPROVAL
- ____ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ✓ BUILDING PERMIT APPROVAL (COUNTY) (COUNTY FLOODPLAIN ADMINISTRATOR)
- ____ CERTIFICATE OF OCCUPANCY APPROVAL (COUNTY)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ S.A.D. DRAINAGE REPORT
- ____ DRAINAGE REQUIREMENTS
- ____ OTHER _____ (SPECIFY)

DATE SUBMITTED: 5-22-90

BY: James Topmiller

25×10

0000 0000 1528

ENGINEERS ARCHITECTS PHOTOGRAMMETRISTS

BOHANNAN-HUSTON INC.

COURTYARD I, 7500 JEFFERSON STREET, N.E. ALBUQUERQUE, NM 87109
TEL (505) 823-1000 FAX (505) 821-0892

May 15, 1990

RECEIVED
MAY 22
HYDROLOGY DIVISION

Mr. Bernie Montoya
City of Albuquerque
Hydrology Section
P.O. box 1293
Albuquerque, New Mexico 87103

Re: Drainage Plan for Cascella Residence (B23/D2)

Dear Bernie:

Submitted herewith for building permit approval is the referenced plan. Your comments of May 3, 1990 have been addressed as follows:

1. The proposed garage and the final footprint of the house are located on the attached drainage plan, which identify that the garage is located outside of the 30' prudent line setback area from the limits of the 100-year flood.

2. The proposed final floor elevation is also identified on the attached plan, along with required stem walls and retaining walls.

3. The mean sea level topographical reference, 2' contours are indicated on the plan. The topo used for this plan was the original 1"=100' orthophoto topography provided when AMAFCA approved the original drainage report for this subdivision. We have inspected the property personally and certify that the topography identified on this plan is substantially correct and accurate.

4. The topographic data, along with the proposed finished floor and wall elevations provide the needed additional data requested.

5. Bob Foglesong, by his signature on the plan, will have provided his approval. The easement is in the process of being prepared and will be submitted to AMAFCA for their recording in the next several days.

We hope that this plan, as supplemental data to original submittal for this project, adequately addresses your concerns in order to obtain building permit approval. Please don't hesitate to call if you should have any questions or additional comments.

Sincerely,

James R. Tommiller, P.E.
Project Manager

Enclosures
cc: Mr. Greg Baczek

KLD/mls
Job No. 90131.06

PRINCIPALS
LARRY W. HUSTON
MICHIAL M. EMERY, P.E. BRIAN G. BURNETT, P.E.

25×10

0000 0000 1529

FILE COPY

BOARD OF COUNTY COMMISSIONERS
HENRY GABALDON, CHAIRMAN
DISTRICT 1
EUGENE M. GILBERT, VICE CHAIRMAN
DISTRICT 3
AL VALDEZ, MEMBER
DISTRICT 2
PATRICIA "PAT" CASSIDY, MEMBER
DISTRICT 4
JACQUELYN SCHAEFER, MEMBER
DISTRICT 5
VICKIE FISHER, COUNTY MANAGER

County of Bernalillo

State of New Mexico

ONE CIVIC PLAZA N.W.
ALBUQUERQUE, NEW MEXICO 87102

ALVIN J. CAMPBELL, SHERIFF
PATRICK J. PADILLA, TREASURER
GLADYS M. DAVIS, CLERK
SAM L. PEREA, ASSESSOR
THOMAS J. MESCALL, PROBATE JUDGE

May 3, 1990

James Topmiller
Bohannan-Huston, Inc.
7500 Jefferson NE
Albuquerque, NM 87109

RE: DRAINAGE PLAN FOR CASCELLA RESIDENCE (B23-D2)
RECEIVED APRIL 26, 1990

Dear Mr. Topmiller:

Based on the information provided on your April 26, 1990 submittal, listed are some concerns that will need to be addressed prior to final approval:

1. Where will the proposed garage be moved to? Please indicate on plan drawing.

2. Proposed finish floor elevation of the house.

3. What City control datum did you use to establish your elevations?

4. Need more existing and proposed elevations along the arroyo and out towards the proposed house.

5. County Public Works approval will be required prior to Building Permit release.

If I can be of further assistance, please feel free to contact me at 768-2650.

Sincerely,

Gilbert Alebo

Fred Aguirre
For Hydrology Division

BJM:jc
WP+~~1824~~ 1834

cc: Greg Baczek
P.O. Box 80116 87198

25×10

0000 0000 1530

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CASCELLA RESIDENCE ZONE ATLAS/DRNG. FILE #: B-23-Z02

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: LOT 220, UNIT 2 NORTH, SANDIA HEIGHTS SUBD, BERN.CO.

CITY ADDRESS: 220 SPRING CREEK LANE N.E, ALBUQUERQUE, NM 87122

ENGINEERING FIRM: BOHANNAN-HUSTON CONTACT: JAMES TOPMILLER

ADDRESS: 7500 JEFFERSON NE PHONE: 823-1000

OWNER: ISABEL LANE CASCELLA CONTACT: ISABEL LANE CASCELLA

ADDRESS: 236 SPRING CR. CT. N.E PHONE: 292-4022

ARCHITECT: GREG BACZEK CONTACT: GREG BACZEK

ADDRESS: P.O. BOX 80116, 87198 PHONE: 255-0397

SURVEYOR: ALPHA SURVEYING CONTACT: GARY GRETSKO

ADDRESS: not known PHONE: 265-5538

CONTRACTOR: GREG BACZEK CONTACT: GREG BACZEK

ADDRESS: P.O. BOX 80116 87198 PHONE: 255-0397 (OFF.)
269-4032 (MOBILE)

RECEIVED
APR 26 1990
HYDROLOGY DIVISION

TYPE OF SUBMITTAL:

✓ DRAINAGE REPORT
___ DRAINAGE PLAN
___ CONCEPTUAL GRADING & DRAINAGE PLAN
___ GRADING PLAN
___ EROSION CONTROL PLAN
___ ENGINEER'S CERTIFICATION
___ OT

PRE-DES
___ YE
___ NC
___ CC

send copy of response to the Contractor.

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ S. DEV. PLAN FOR SUB'D. APPROVAL
___ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
___ SECTOR PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ FOUNDATION PERMIT APPROVAL
✓ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ GRADING PERMIT APPROVAL
___ PAVING PERMIT APPROVAL
___ S.A.D. DRAINAGE REPORT
___ DRAINAGE REQUIREMENTS
___ OTHER _____ (SPECIFY)

DATE SI
B:

25 ×

0000 0000 1531

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CASCELLA RESIDENCE ZONE ATLAS/DRNG. FILE #: B-23-Z02

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: LOT 220, UNIT 2 NORTH, SANDIA HEIGHTS SUBD, BERN. CO.

CITY ADDRESS: 220 SPRING CREEK LANE N.E, ALBUQUERQUE, NM 87122

ENGINEERING FIRM: BOHANNAN-HUSTON CONTACT: JAMES TOPMILLER

ADDRESS: 7500 JEFFERSON NE PHONE: 823-1000

OWNER: ISABEL LANE CASCELLA CONTACT: ISABEL LANE CASCELLA

ADDRESS: 236 SPRING CR. ST. N.E PHONE: 292-4022

ARCHITECT: GREG BACZEK CONTACT: GREG BACZEK

ADDRESS: P.O. BOX 80116, 87198 PHONE: 255-0397

SURVEYOR: ALPHA SURVEYING CONTACT: GARY GRETSKO

ADDRESS: NOT KNOWN PHONE: 265-5538

CONTRACTOR: GREG BACZEK CONTACT: GREG BACZEK

ADDRESS: ~~P.O. BOX 80116, 87198~~ PHONE: 255-0397 (OFF.)
269-4032 (MOBILE)

RECEIVED
APR 26 1990
HYDROLOGY DIVISION

TYPE OF SUBMITTAL:

✓ DRAINAGE REPORT
___ DRAINAGE PLAN
___ CONCEPTUAL GRADING & DRAINAGE PLAN
___ GRADING PLAN
___ EROSION CONTROL PLAN
___ ENGINEER'S CERTIFICATION
___ OTHER

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ S. DEV. PLAN FOR SUB'D. APPROVAL
___ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
___ SECTOR PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ FOUNDATION PERMIT APPROVAL
✓ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ GRADING PERMIT APPROVAL
___ PAVING PERMIT APPROVAL
___ S.A.D. DRAINAGE REPORT
___ DRAINAGE REQUIREMENTS
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 26 APRIL 90

BY: GREG BACZEK

25×

0000 0000 1532

25×10

0000 0000 1533

Correction

25×10

0000 0000 1534

BOARD OF COUNTY COMMISSIONERS
HENRY GABALDON, CHAIRMAN
DISTRICT 1
EUGENE M. GILBERT, VICE CHAIRMAN
DISTRICT 3
AL VALDEZ, MEMBER
DISTRICT 2
PATRICIA "PAT" CASSIDY, MEMBER
DISTRICT 4
JACQUELYN SCHAEFER, MEMBER
DISTRICT 5

VICKIE FISHER, COUNTY MANAGER

County of Bernalillo

State of New Mexico

ONE CIVIC PLAZA N.W.
ALBUQUERQUE, NEW MEXICO 87102

ALVIN J. CAMPBELL, SHERIFF
PATRICK J. PADILLA, TREASURER
GLADYS M. DAVIS, CLERK
SAM L. PEREA, ASSESSOR
THOMAS J. MESCALL, PROBATE JUDGE

May 3, 1990

James Topmiller
Bohannan-Huston, Inc.
7500 Jefferson NE
Albuquerque, NM 87109

RE: DRAINAGE PLAN FOR CASCELLA RESIDENCE (B23-D2)
RECEIVED APRIL 26, 1990

Dear Mr. Topmiller:

Based on the information provided on your April 26, 1990 submittal, listed are some concerns that will need to be addressed prior to final approval:

1. Where will the proposed garage be moved to? Please indicate on plan drawing.

2. Proposed finish floor elevation of the house.

3. What City control datum did you use to establish your elevations?

4. Need more existing and proposed elevations along the arroyo and out towards the proposed house.

5. County Public Works approval will be required prior to Building Permit release.

If I can be of further assistance, please feel free to contact me at 768-2650.

Sincerely,

Gilbert Aguirre

Fred Aguirre
For Hydrology Division

BJM:jc
WP+1824

cc: Greg Baczek
P.O. Box 80116 87198

25×10

0000 0000 1535

PLANS/PLATS ON FILE

FILE DESC: B23/D2

PLANS/PLATS 1

25×10

0000 0000 1536