PUBLIC WORKS/HYDROLOGY

G16/D93

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G116/D93

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FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

August 6, 1987

Anthony John Hurst
Alvarado Square
Mail Stop 0159
Albuquerque, New Mexico 87158

RE: REVISED DRAINAGE PLAN FOR QUADRUPLEX @ 3205 ALTA MONTE COURT, NE (G-16/D93) ENGINEER'S STAMP DATED AUGUST 3, 1987

Dear Mr. Hurst:

Based on the information provided on your resubmittal of August 3, 1987, the above referenced plan is approved for Building Permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

25×10

0000 0000 0887

DRAINAGE INFORMATION SHEET

PROJECT TITLE: 4-Plex on Alto Monte Ct NE ZONE ATLAS/DRNG. FILE #: G16D93

LEGAL DESCRIPTION: Lot 11 Replat of Tract 5 in Block A Indian Acres

CITY ADDRESS: 3205 Alto Monte Ct. NE.

ENGINEERING FIRM: Tony Hurst CONTACT: Jo[illegible]ragon Jr.

ADDRESS: Alvarado Sq. S.E. PHONE: 344-1328 344-4843

OWNER: John Aragon Jr. CONTACT: Self

ADDRESS: 4001 Amy Kay Ct. N.W. PHONE: 344-1328 344-4843

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: Juan Rael CONTACT: _____

ADDRESS: Rio Abajo S.W. PHONE: 873-3304

RECEIVED
AUG 03 1987
HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ BUILDING PERMIT APPROVAL
___ FOUNDATION PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: August 3 1987

BY: John Aragon

25×

0000 0000 0888

FILE COPY

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

July 30, 1987

Anthony John Hurst
Alvarado Square
Mail Stop 0159
Albuquerque, New Mexico 87158

RE: DRAINAGE PLAN FOR QUADRUPLEX @ 3205 ALTA MONTE COURT, NE
(G-16/D93) RECEIVED JULY 27, 1987

Dear Mr. Hurst:

Based on the information provided on your resubmittal of July 27, 1987, listed you will find certain concerns that will need to be addressed prior to final approval:

1. Maximum outlet pipe allowed through a curb is 4". Also, you must go through a Special Order #19 process for construction within City right-of-way.

2. Your calculations for flow rates and volumes are incorrect. You must compute your intensity using $I = (6 - \text{hr rain}) 6.84\ t_c^{-0.51}$.

3. Volume computation; you will need to use the 6-hr. rainfall volume X the "C" factor X the area in square ft.

I strongly recommend that you make an appointment to discuss the above comments. If you should have any questions, please call me at 768-2650.

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

25×10

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DRAINAGE INFORMATION SHEET

PROJECT TITLE: (4-Plex on Alta Monte Ct.) ZONE ATLAS/DRNG. FILE #: G16/D93

LEGAL DESCRIPTION: Lot 11 Replat of Tract 5

CITY ADDRESS: 3205 Alta Monte N.E

ENGINEERING FIRM: Tony Hurst CONTACT: John Aragon

ADDRESS: _____ PHONE: 242-7163 wk 344-1328

OWNER: John Aragon CONTACT: _____

ADDRESS: 4001 Amy Kay Ct. N.W PHONE: 344-1328 242-7163 wk

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: Juan Rael CONTACT: _____

ADDRESS: R. Abajo S.W PHONE: _____

RECEIVED
27
JUL 2[illegible] 1987
HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

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___ PRELIMINARY PLAT APPROVAL
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___ FINAL PLAT APPROVAL
✓ BUILDING PERMIT APPROVAL
___ FOUNDATION PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: July 21 1987

BY: John Aragon

25×10

FILE COPY

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

July 10, 1987

Ant ony John Hurst
Alvarado Square
Mail Stop 0159
Albuquerque, New Mexico 87158

RE: DRAINAGE PLAN FOR QUADRUPLEX @ 3205 ALTA MONTE COURT, NE
(G-16/D93) RECEIVED JULY 6, 1987

Dear Mr. Hurst:

A preliminary review of your submittal for Building Permit approval has shown that the following information is lacking for this section to begin the review process:

1. Site Description:

   A. Vicinity map showing location of the development in relation to well-known landmark, municipal boundaries and zone atlas map index number.

2. T.B.M. must be permanently marked by either a curb notch or paint.

3. Flood Hazard - delineation of site on pertinent Flood Hazard Boundary map (within plan drawing).

4. Plan drawing size 24" x 36".

5. Your existing contours indicate you may be receiving off-site flows from the existing northeast property, please address.

0000 0000 0891

6. More spot elevations are required on plan drawing.

7. Elevation at property line must be 1' above the existing flow line.

8. Flow volumes and rates - calculations showing on-site undeveloped and developed flow volumes and rates. (Please use the attached emergency rule for guide lines.)

9. Location and direction of proposed roof drains.

10. Proposed swale for conveyance of developed runoff on the west side of building is not allowed to drain across a public sidewalk. You may need to design a sidewalk culvert.

11. Attached you will also find a copy of the checklist from the D.P.M. as a guide.

Please provide this information so that we may process your request as expediently as possible.

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

Enclosures

25×10

0000 0000 0892

DRAINAGE INFORMATION SHEET

PROJECT TITLE: _____ ZONE ATLAS/DRNG. FILE #: G-16/D93

LEGAL DESCRIPTION: _____

CITY ADDRESS: 3205 Alta Monte N.E

ENGINEERING FIRM: ~~Robert Walters~~ Anthony Huest CONTACT: _____

ADDRESS: _____ PHONE: 344-1328 / 242-7163 wk

OWNER: JOHN ARAGON CONTACT: _____

ADDRESS: _____ PHONE: 344-1328/242-7163 wk

ARCHITECT: Robert Walters CONTACT: _____

ADDRESS: 3838 Rio PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

RECEIVED
JUL 06 1987
HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES
✓ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT
✓ DRAINAGE PLAN
___ CONCEPTUAL GRADING & DRAINAGE PLAN
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___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 7/6/87
BY: John Aragon

25×

0000 0000 0893

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

August 6, 1987

Anthony John Hurst
Alvarado Square
Mail Stop 0159
Albuquerque, New Mexico 87158

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(G-16/D93) ENGINEER'S STAMP DATED AUGUST 3, 1987

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Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

25×10

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City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 763-2650

July 30, 1987

Anthony John Hurst
Alvarado Square
Mall Stop 0159
Albuquerque, New Mexico 87158

RE: DRAINAGE PLAN FOR QUADRUPLEX @ 3205 ALTA MONTE COURT, NE
(G-16/D93) RECEIVED JULY 27, 1987

Dear Mr. Hurst:

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Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

25×10

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City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

July 10, 1987

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Alvarado Square
Mail Stop 0159
Albuquerque, New Mexico 87158

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(G-16/D93) RECEIVED JULY 6, 1987

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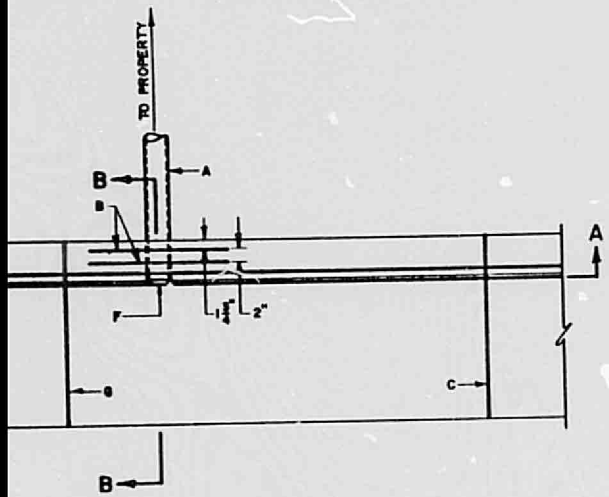
Bernie J. Montoya, C.E.
Engineering Assistant

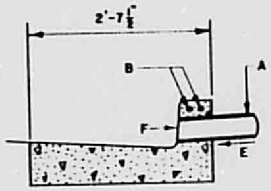
BJM/bsj

Enclosures

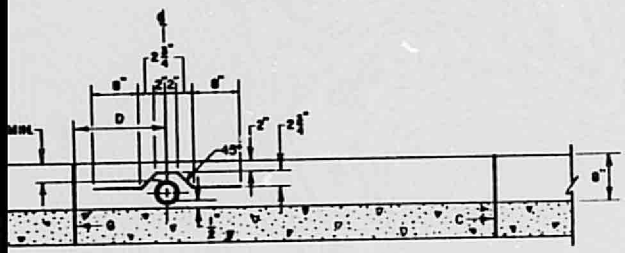
25×10



PLAN



SECTION B-B



SECTION A-A

GENERAL NOTES:

1. WHEN PLACING DRAIN THROUGH EXISTING CURB, REMOVE AND REPLACE ENTIRE STONE OF CURB AND GUTTER.
2. THE CITY DOES NOT ACCEPT RESPONSIBILITY FOR MAINTENANCE FOR ANY DRAIN LINES INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.

CONSTRUCTION NOTES:

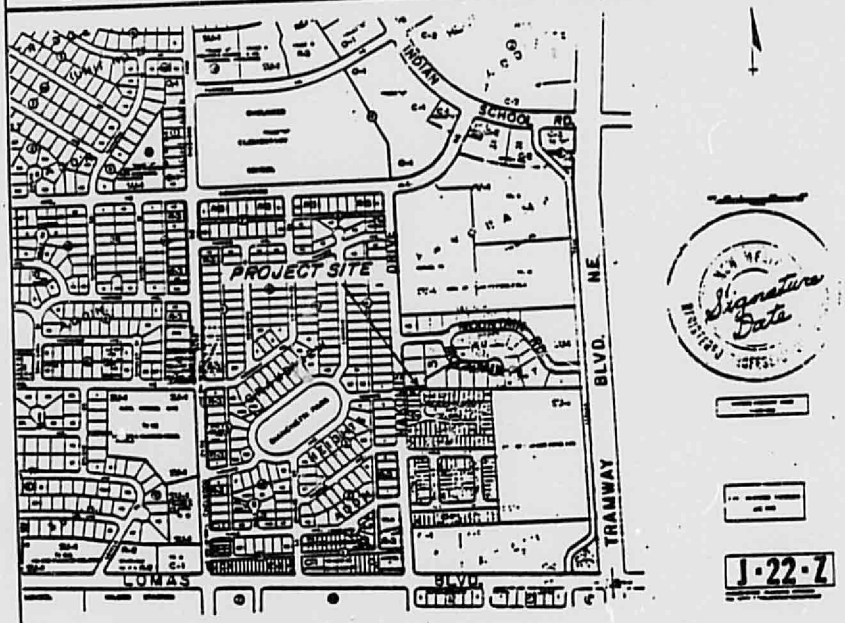
A. DRAIN, D.I. OR SCH. 40 P.V.C. PIPE, 4" NOM. SIZE (MAX.) TO PROPERTY.
B. 2-NO. 3 BARS, 2'-4" LONG, PLACED AS SHOWN.
C. COLD JOINT.
D. DISTANCE FROM ℄ OF DRAIN TO NEAREST JOINT, VARIABLE WITH 16" MIN.
E. SLOPE ¼" PER FT. WITHIN R.O.W.
F. DRAIN PIPE NOT TO PROTRUDE BEYOND CURB FACE.
G. JOINT NEAREST TO DRAIN TO BE AN EXPANSION JOINT.

REVISIONS	CITY OF ALBUQUERQUE
	DRAINAGE
	DRAIN LINE THROUGH CURB
	DWG. 2235 AUG 1986

0000 0000 0898

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



LOCATION MAP

LEGAL DESCRIPTION OF PROPERTY SERVED: Lot 20, Block 2, Panorama Heights Addition

BENCH MARK: ACS No. 3-J22 ACS Brass cap, ENE ret of inter Lomas and Chelwood Park Blvd. Elevation 5664.77

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with City of Albuquerque Interim Standard Specifications for Public Works Construction, 1985.
3. Two working Days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all constructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to RESIDENTIAL street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.

APPROVALS	NAME	DATE
A.C.E./DESIGN		
INSPECTOR		

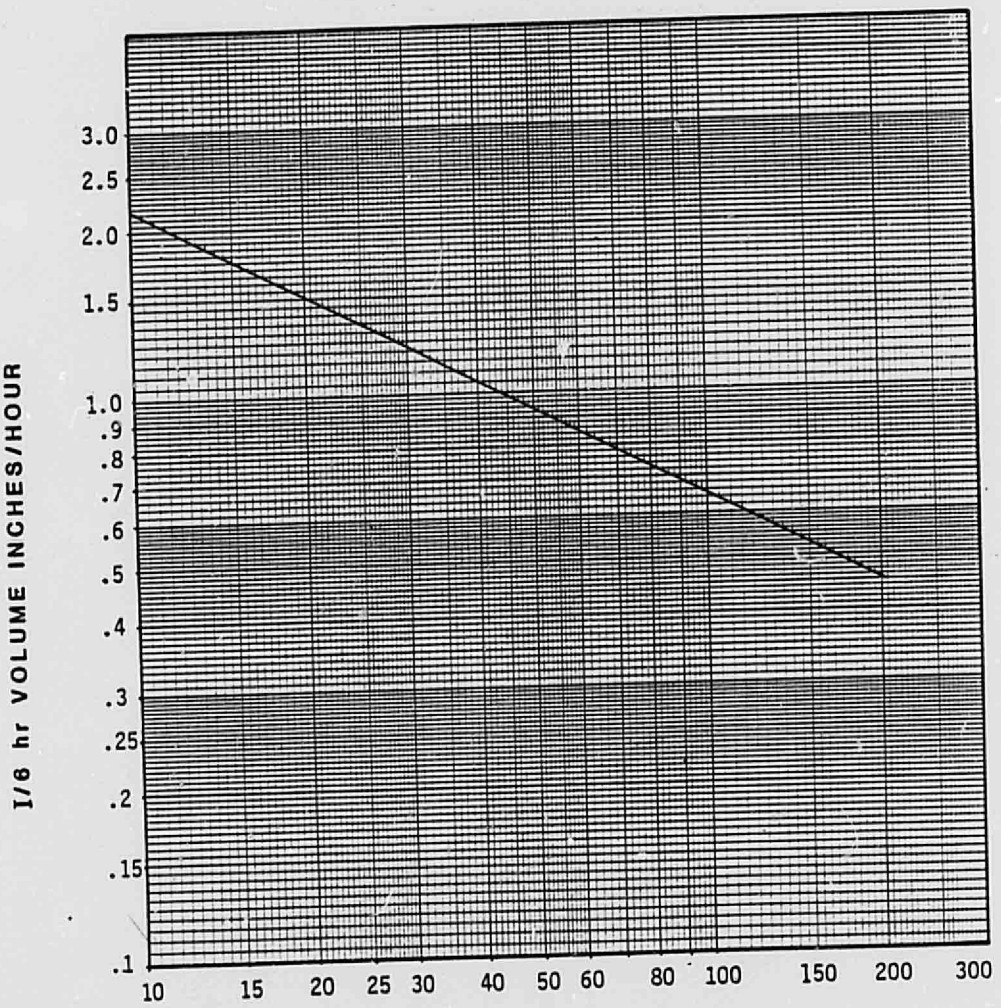
TITLE: 13208 MOUNTAIN PL., N.E.
PANORAMA HEIGHTS ADDITION
CATCH BASIN & DRAIN LINE

PERMIT NO. MAP

0000 0000 0899

DIMENSIONLESS RAINFALL INTENSITIES

$I=(6\text{-hr. rain})6.84\ t_c^{-0.51}$



note: To get actual intensities, multiply rainfall volume from plate D-1 by value from curve. Use reduction factors on Plate D-1 for other than 100-yr.

PLATE 22.2 D-2

0000 0000 09.00

PLANS/PLATS ON FILE

FILE DESC: G16/D93

PLANS/PLATS 1

0000 0000 0901