



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

October 9, 1984

This letter is to certify that Joseph Peterson, H.D., owner of the premises located at 718 Lomas Blvd., SW, has been granted a 30-day Temporary Certificate of Occupancy. This Temporary C.O. has been granted on the condition that the alley will be paved per the approved plan no later than November 9, 1984.

In addition, the owner will be responsible for maintenance of any sediment problems in the City of Albuquerque Right-Of-Way or any damage to his and/or adjacent properties until completion of the drainage improvements identified on the approved plan. Upon completion of these improvements, please contact this office at 766-7644 to make the necessary arrangements for an inspection.

Joseph Peterson
Owner of Property

10-10-84
Date

718 Lomas Blvd. SW
Owner's Address

247-0841
Phone

David Johnson
Jaynes Corp./Contractor

10/10/84
Date

APPROVED: Steve R. Pines

Hydrology Inspector

115-D15

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7487

AN EQUAL OPPORTUNITY EMPLOYER

709 Lomas Blvd NE
Albuquerque, New Mexico 87102
August 7, 1984

Mr. Felipe F. Quintana
Board Secretary, EPC
Planning Division
P.O. Box 1253
Albuquerque, NM 87103

RE: AP-84-17 (2A-84-119)
Location: Lots 239 and 240, Block 22
Arrijo Brothers Addition, 715 Lomas Boulevard, N.W. (J-14) 43

Dear Mr. Quintana:

Regarding the above File we have received your letter of July 6, 1984 where you state that the Zoning Hearing Examiners approved the variance to the height requirements and the rear set back requirement. It states that the applicant shall pave the entire alley to the satisfaction of the City Engineer.

Regarding the paving of the alley we ask that the grade of the pavement be such that it will not interfere with the drainage of our property which is lots 241 and 242 of the same block. The drainage of our property is to that alley and it has to remain the same. Therefore, the grade of the pavement should be such that the drainage is not blocked.

Please refer this request to the person or persons responsible.

Sincerely,

Arthur C. Sanchez
Mrs. Arthur C. Sanchez
Mr. and Mrs. Arthur C. Sanchez



City of Albuquerque

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June 28, 1984

Mr. Claudio Vigil
2340 Alamo SE
Suite 101
Albuquerque, New Mexico

REF DR. PETERSON'S OFFICE ADDITION (J14-D43) BLOCK 17 ARMIJO
ADDITION.

Dear Mr. Vigil:

Based on the information provided on your June 14, 1984 submittal of the above referenced site, listed below, you will find certain items that will need to be addressed before final approval is granted.

1. We will need an updated plan reflecting the proposed finish floor to mean sea level.
2. Also we will need the updated plan to reflect your professional stamp, signed and dated.
3. A notation will need to be inserted on the plan addressing the fact that the original ponding areas were eliminated and that they will be reconstructed per plan.
4. We will need verification from City Engineer's Office inspection section that they have inspected the tie in to the existing catch basin on Lomas.

If you have any questions, please feel free to contact me at 766-7644.

Sincerely,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Admin.

BJM/BJG/cl

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

INFORMATION SHEET

PROJECT TITLE DR. PETERSON TYPE OF SUBMITTAL _____
 ZONE ATLAS PAGE NO. J-14 ^{D43} CITY ADDRESS 718 LOMAS N.W.
 LEGAL DESCRIPTION ARMIGO ADDITION BLOCK 17
 ENGINEERING FIRM _____ CONTACT _____
 ADDRESS _____ PHONE _____
 OWNER DR. PETERSON CONTACT _____
 ADDRESS 718 LOMAS PHONE _____
 ARCHITECT CLAUDIO VIGIL CONTACT _____
 ADDRESS 2340 ALAMO SE. SUITE 101 PHONE 247-1000
 SURVEYOR _____ CONTACT _____
 ADDRESS _____ PHONE _____
 CONTRACTOR JAYNES CORP. CONTACT _____
 ADDRESS 2904 BROADWAY PHONE _____

PRE-DESIGN MEETING:

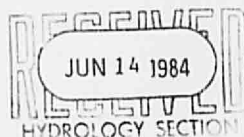
☒ YES
☐ NO
☐ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

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

DATE SUBMITTED: 6-17-84

BY: W. L.



ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
401 San Pedro, NE., Albuquerque, N.M. 87108
Telephone (505) 265-6631

Project DR. PETERSON'S OFFICES Sheet 1 of 60
DRAINAGE CALCULATIONS Job No. 200
By _____ Chkd _____ Date 2/22/80

Area Under Consideration = .17 AC (7225 ft²)
Existing Slope = 0.0%
Natural Runoff Coefficient = 0.40
Time of Concentration = 40 min, USE 10
Intensity (100 year storm) = 5.4 in/hr
Intensity (1 year storm) = 1.62 in./hr.
50-year, 6-hour precipitation = 2.1 in.

Required Volume of ponds is
equivalent to the 50 year developed
runoff volume. Area under consideration
to be paved, $\therefore C = 0.92$

$$V = 0.92 \times 2.1 \frac{\text{in}}{12} \times 7225 = 1163 \text{ ft}^3$$

Total positive discharge from ponds
equal to undeveloped discharge
generated from 1 year storm.

$$Q_p = CIA = 0.40 \times 1.62 \times 0.17 = 0.110 \text{ cfs}$$

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Project Dr. Peterson Office Sheet 2 of 6
DRAINAGE CALCULATION Job No. 200
By _____ Chk'd _____ Date 2/22/80

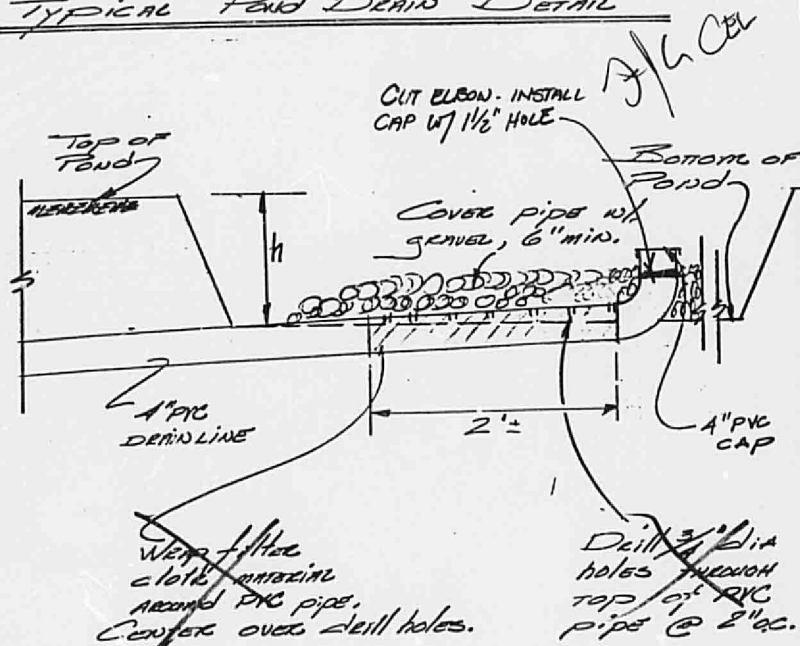
Provide overflow to carry developed
discharge generated from 100 year
storm

$$Q_{100} = CIA = 0.92 \times 5.4 \times 0.17 = 0.845 \text{ cfs.}$$

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Project Dr. Peterson Office Sheet 3 of 6
DRAINAGE CALCULATIONS Job No. 200
By _____ Chk'd _____ Date 2/22/80

TYPICAL POND DRAIN DETAIL



~~NOTE: See Sk. 4 & 5 for number of drill holes required for Ponds 2 & 1 respectively. Assume that one half of allowable discharge rate will be drained from each pond & that 2/3 of the area of the drill holes will be clogged.~~

Pond No 2

$$Q = CA\sqrt{2gh}$$

$$h = 15" = 1.25'$$

$$C = 0.62$$

$$Q = \frac{.110}{2} = 0.055 \text{ cfs}$$

then

$$A = \frac{Q}{C\sqrt{2gh}}$$

$$= \frac{0.055}{0.62\sqrt{2 \times 1.25}} = 0.010 \text{ ft}^2$$

$$= 1.424 \text{ in}^2$$

1 1/2" DIA. HOLE

Area of one 3/4" dia. drill hole = 0.442 in²

2/3 of Area of drill hole will be clogged

∴ Effective area of one drill hole = 0.147 in²

then Required No. of drill holes

$$= \frac{1.424}{0.147} = 9.67 \text{ holes}$$

USE 10 HOLES.

therefore drill ten (10), 3/4" dia. holes
in drain pipe for Pond No 2.

Pond No 1

$$Q = CA\sqrt{2gh}$$

$$h = 18" = 1.5 \text{ ft.}$$

$$C = 0.62$$

$$Q = \frac{0.110}{2} = 0.055 \text{ cfs}$$

then

$$A = \frac{Q}{C\sqrt{2gh}}$$

$$= \frac{0.055}{0.62\sqrt{2 \times 1.5}} = 0.009 \text{ ft}^2$$

$$= 1.300 \text{ in}^2$$

$1\frac{1}{2}"$ DIA. HOLE

Effective area of one $\frac{3}{4}"$ dia. drill hole = 0.147 in^2
(see sk. 4)

Required No of drill holes

$$= \frac{1.300}{0.147} = 8.84 \text{ holes}$$

use 9 holes

therefore drill nine (9), $\frac{3}{4}"$ dia. holes
in drain pipe @ Pond No 1

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Project DR. PETERSON OFFICE Sheet 60 of 60
DRAINAGE CALCULATIONS Job No. 200
By _____ Chkd _____ Date 2/22/80

4" DRAIN LINE CONNECTION TO EXISTING CATCH BASIN

