

March 10, 1998

Jackie McDowell, P.E.
McDowell Engineering, Inc.
7820 Beverly Hills Ave. NE
Albuquerque, NM 87122

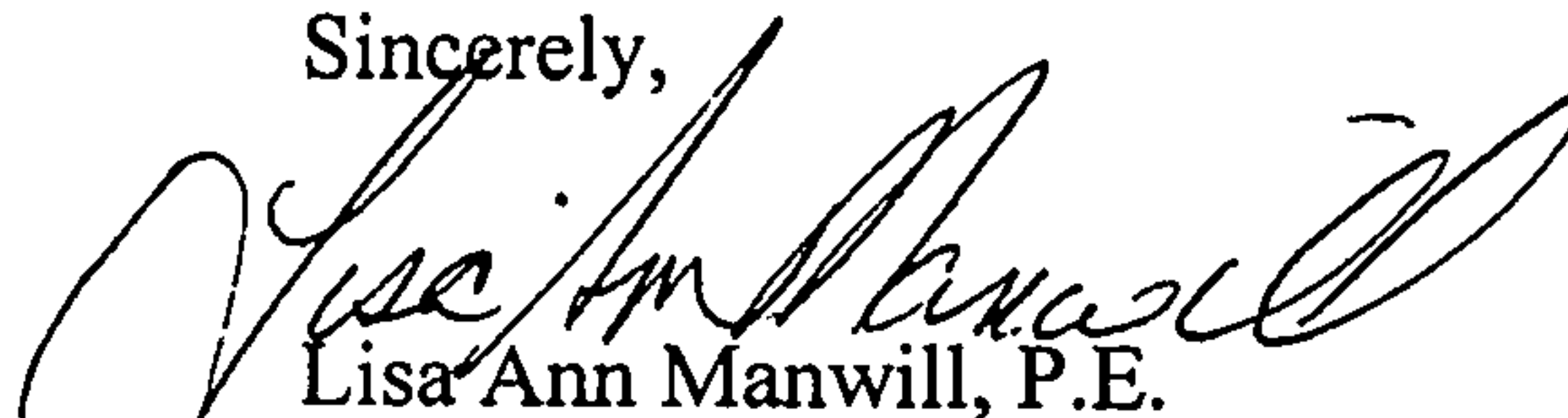
**RE: OFFICE-WAREHOUSE (C17-D2A28). ENGINEER'S CERTIFICATION FOR
CERTIFICATE OF OCCUPANCY APPROVAL. ENGINEER'S CERTIFICATION
DATED MARCH 4, 1998.**

Dear Ms. McDowell:

Based on the information provided on your March 4, 1998 submittal, the above referenced project is approved for Certificate of Occupancy.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,



Lisa Ann Manwill, P.E.
Hydrology

c: Andrew Garcia
File

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT TITLE: OFFICE-WAREHOUSE ZONE ATLAS/DRNG. FILE #: C17-D2A28
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: LOT 38, RICHFIELD PARK SUBDIVISION
CITY ADDRESS: ADAMS STREET
ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL
ADDRESS: 7820 BEVERLY HILLS AVE. NE PHONE: 828-2430
OWNER: MECHENBIER CONSTRUCTION, INC. CONTACT: JOHN MECHENBIER
ADDRESS: 8804 WASHINGTON ST. NE, STE A PHONE: 828-1676
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: MAX DOAK CONTACT: MAX DOAK
ADDRESS: 637 SOLAR NW PHONE: 344-4492
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAIN. PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION
☐ OTHER _____

PRE-DESIGN MEETING:

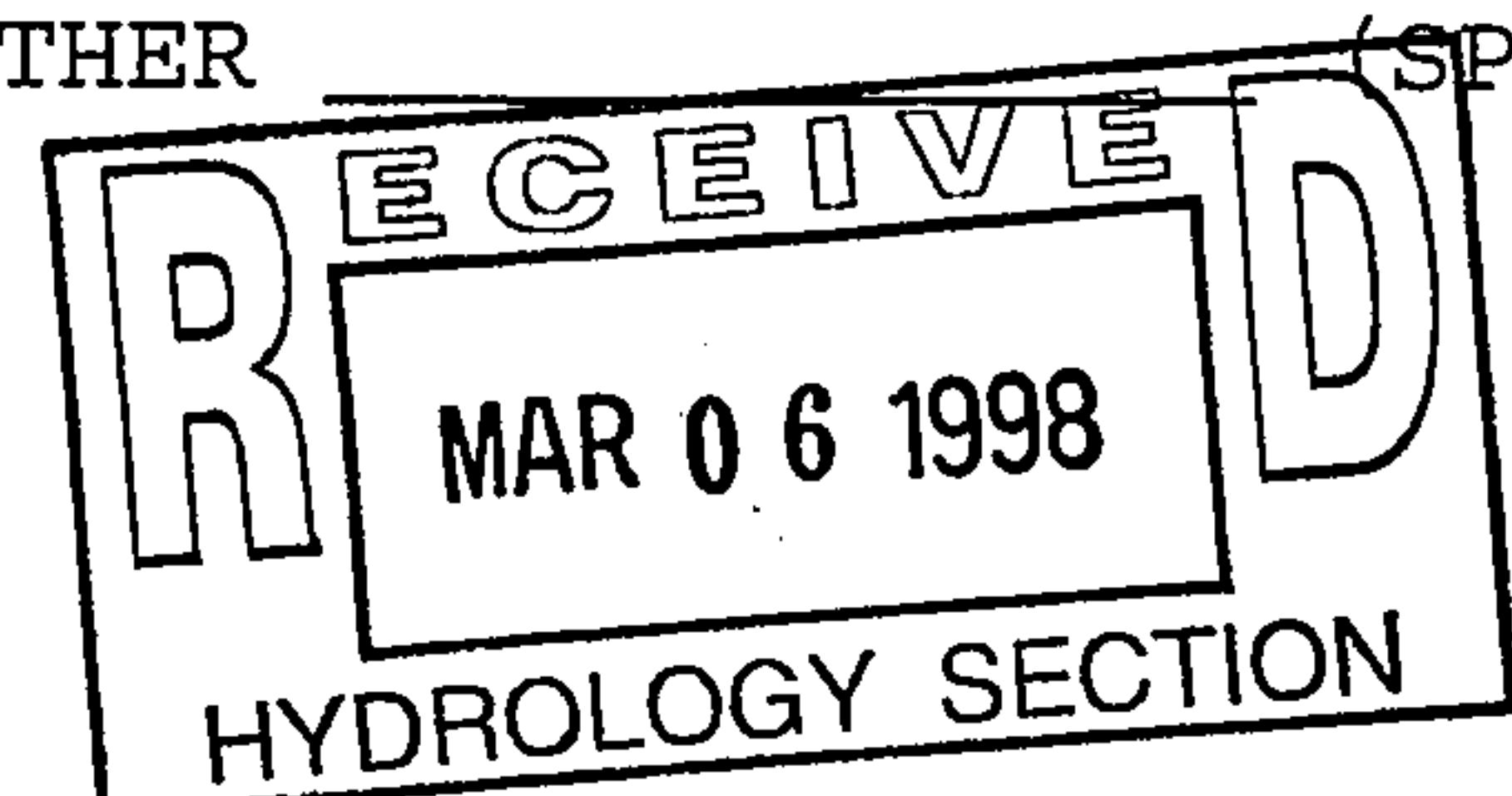
☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S.DEV PLAN FOR SUB'D APPROVAL
☐ S.DEV PLAN FOR BLDG PMT APPR.
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ CERT. OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: MARCH 4, 1998

BY: JACKIE S. MCDOWELL, P.E.



McDowell Engineering, Inc.

Jackie Sedillo McDowell, P.E.
Civil Engineering Consultant

January 27, 1998

Mr. Bernie J. Montoya, CE
City of Albuquerque
Hydrology Dept.
P.O. Box 1293
Albuquerque, NM 87103

RE: LOT 38 - RICHFIELD PARK SUBDIVISION (C17-D2A28)

Dear Mr. Montoya:

Per our telephone conversation today, I am sending you this information with reference to the subject property.

The item in question is the elevation of the north drivepad. The north drivepad was designed to drain the property. In order to do so, it was necessary to have the north drivepad be at a very even grade, but have enough slope to drain the site. We have provided for the site to drain with a slope of approximately 1%. The upstream drainage area to the street at this location is approximately 2.08 acres. This should contribute no infiltration into the property other than that is already happening at the existing drainage easement located at the north end of the property. The grades were matched at this location.

If you have any other questions, please feel free to contact me at 828-2430.

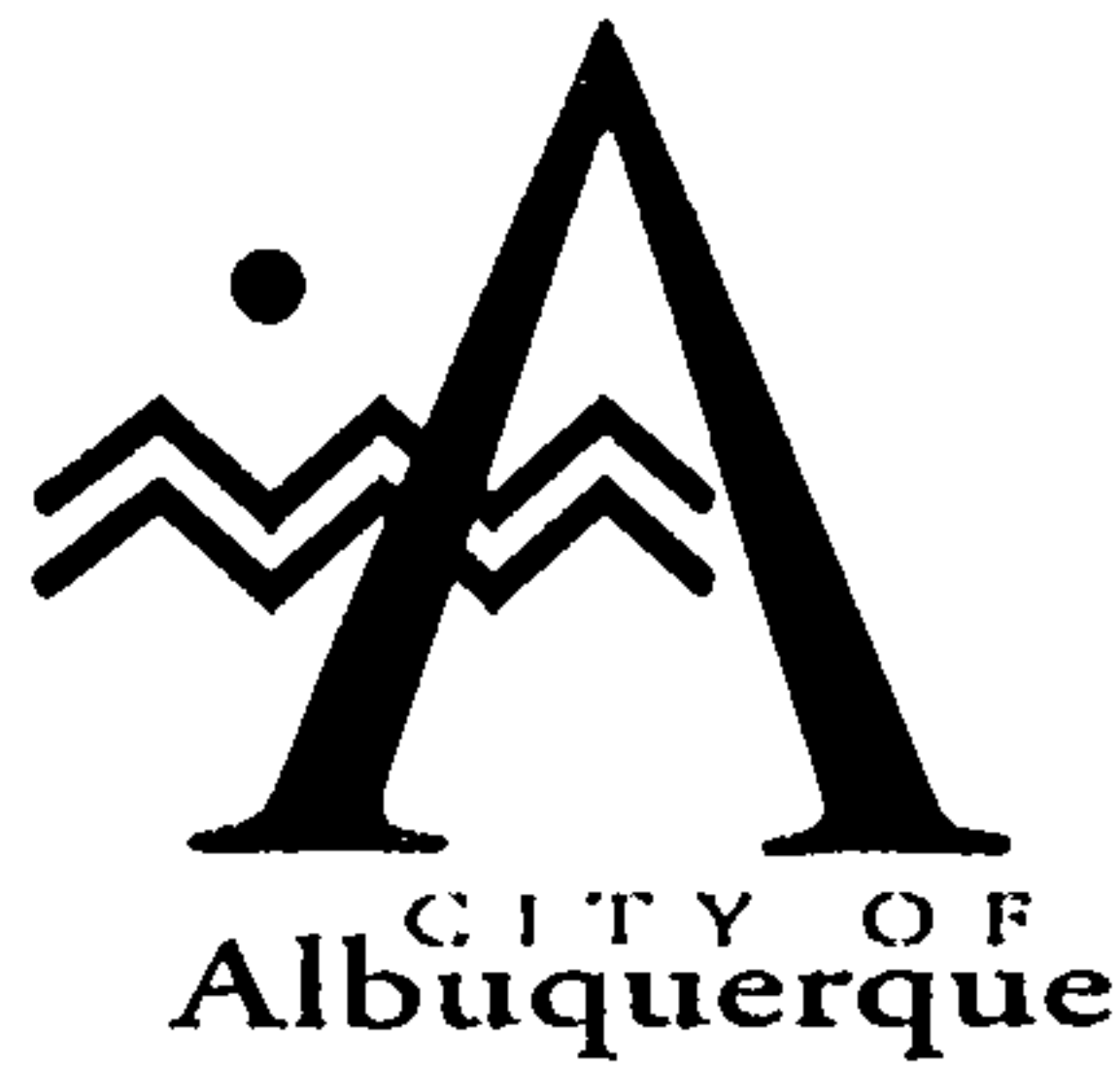
Sincerely,

MCDOWELL ENGINEERING, INC.



Jackie S. McDowell, P.E.

cc: Owner



Martin J. Chávez, Mayor

September 25, 1997

Jackie McDowell
McDowell Engineering Inc.
7820 Beverly Hills Ave. NE
Albuquerque, New Mexico 87122

RE: REVISED DRAINAGE PLAN FOR LOT 38 RICHFIELD PARK SUBDIVISION
(C17-D2A28) REVISION DATED 9/3/97

Dear Ms. McDowell:

Based on the information provided on your September 4, 1997 resubmittal, the above referenced site is approved for Building Permit.

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

Also, Engineer Certification per the DPM checklist will be required prior to release of the Certificate Of Occupancy.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia

File

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT TITLE: OFFICE-WAREHOUSE ZONE ATLAS/DRNG. FILE #: C17-D2A28

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

LEGAL DESCRIPTION: LOT 38, RICHFIELD PARK SUBDIVISION

CITY ADDRESS: ADAMS STREET

ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL

ADDRESS: 7200 VALLEY FORGE PL. NE PHONE: 828-2430

OWNER: MECHENBIER CONSTRUCTION, INC. CONTACT: JOHN MECHENBIER

ADDRESS: 8804 WASHINGTON ST. NE, STE A PHONE: 828-1676

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: MAX DOAK CONTACT: MAX DOAK

ADDRESS: 637 SOLAR NW PHONE: 344-4492

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
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☐ ENGINEER'S CERTIFICATION
☐ OTHER _____

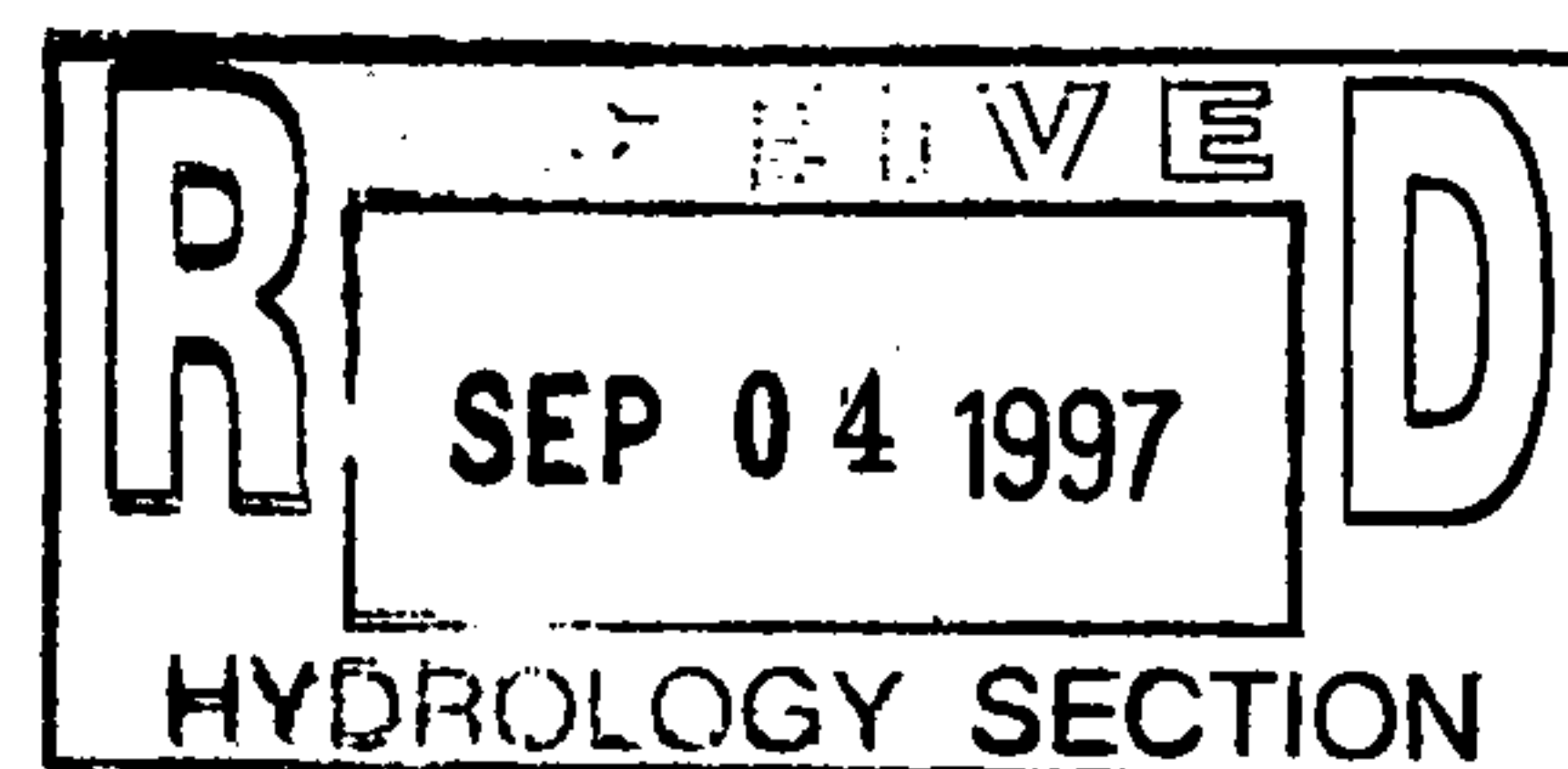
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☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: SEPTEMBER 4, 1997

BY: JACKIE S. MCDOWELL, P.E.



Project: MECHENBIER LOT 38 - ON SITE CALCULATIONS

05-Aug-97

Calculations: Total Basin

Calculations are based on "Section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, New Mexico, January 1993 - basins < 40 acres".

Precipitation Zone = 2

Depth at 100-year, 6-hour storm: (Table A-2)

P = 2.35 inches

Land Treatments:

From Table 5 - Percent Treatment D

Single Family Residential =

$7 \cdot \text{SQR}((N \cdot N) + (5 \cdot N))$

where N = units/acre

N = ----- = -----, ok < 6

N = 0.00

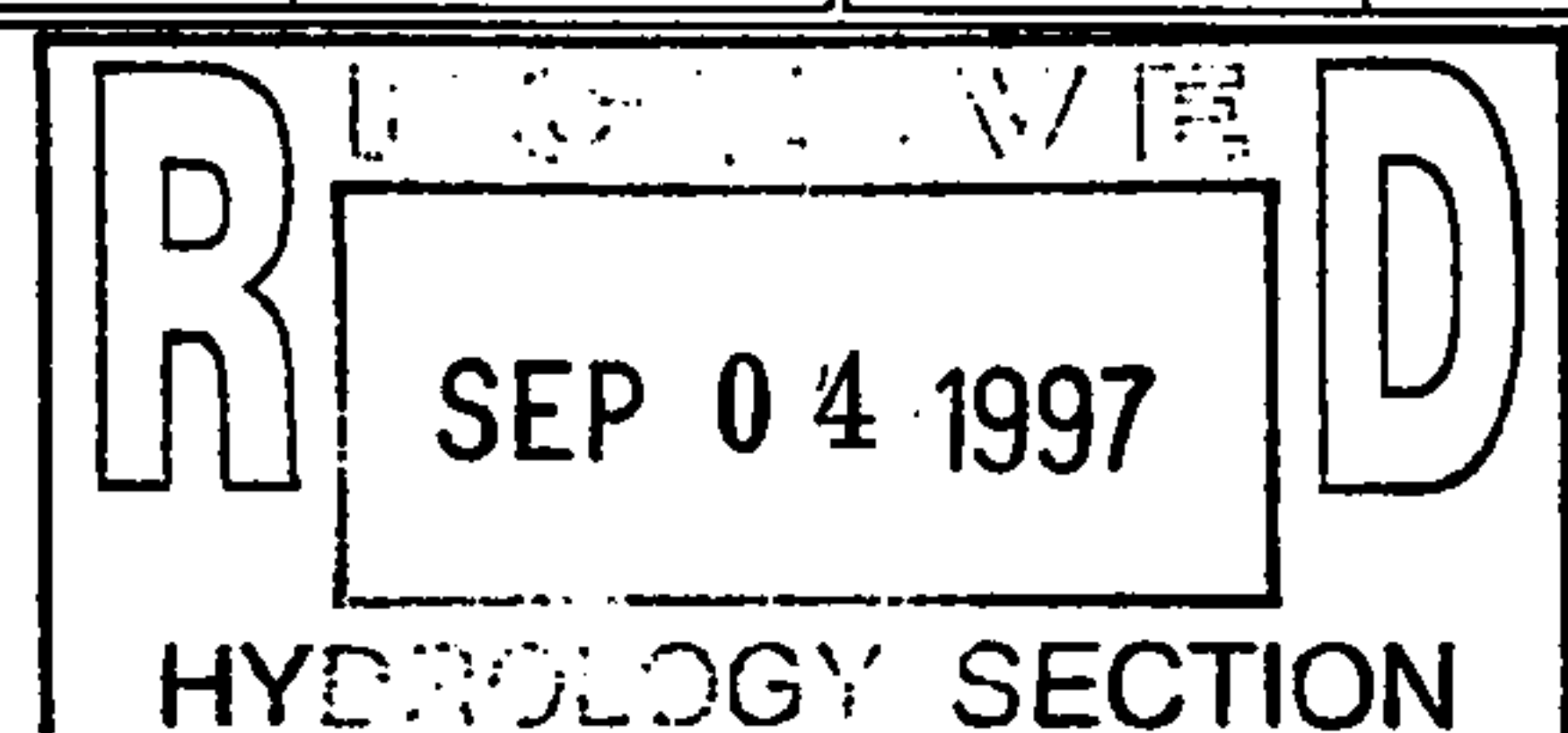
Therefore Percent Treatment D = 0.00%

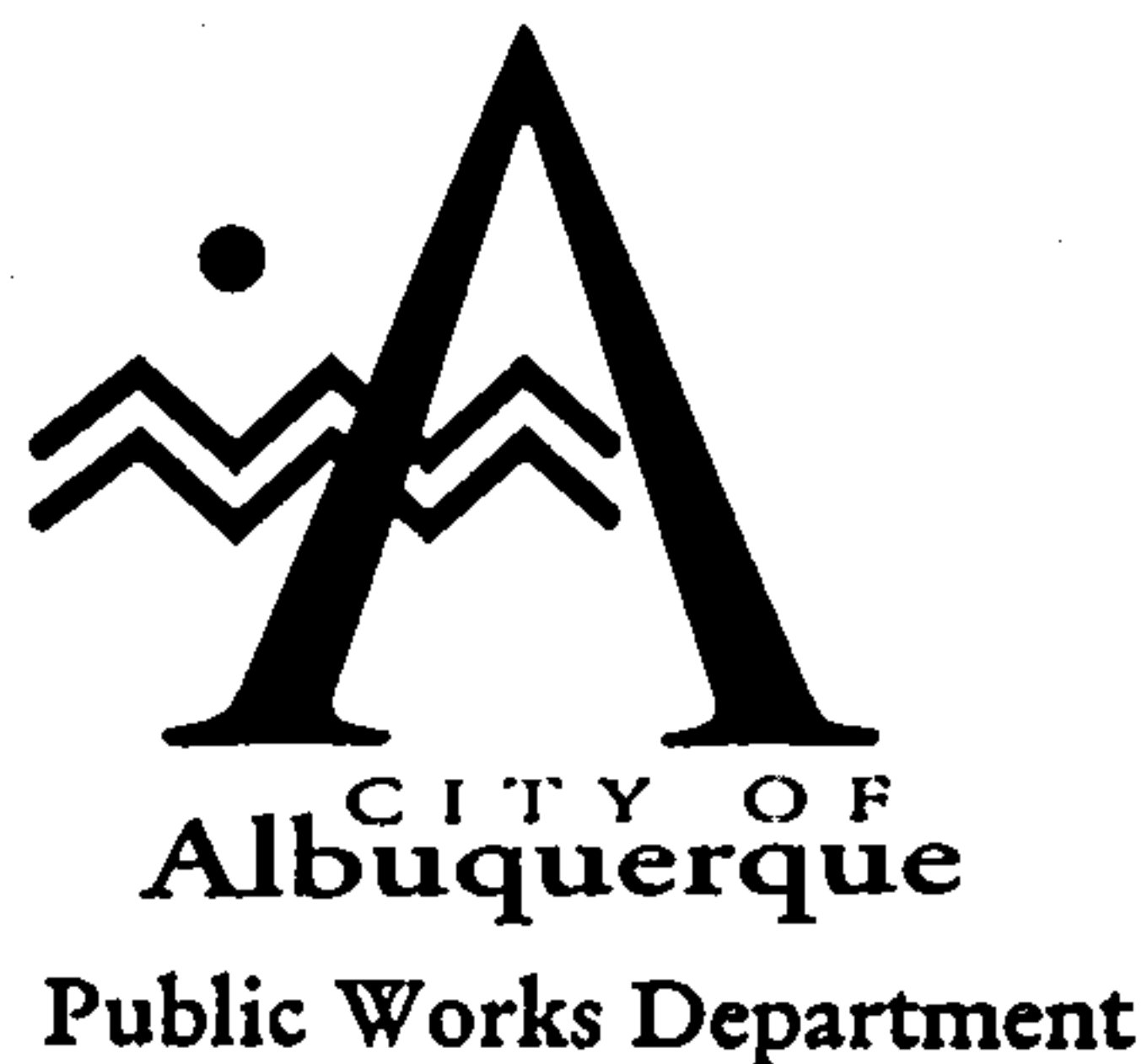
(includes local streets)

Areas: (acres)	Existing	Proposed
Treatment A	0.97	0.00
Treatment B	0.00	0.07
Treatment C	0.00	0.00
Treatment D	0.00	0.90
Total (acres) =	0.97	0.97

Volume	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed
Volume (acre-feet) =	0.04	0.16	0.01	0.10	0.00	0.06
Volume (cubic feet) =	1,866	7,124	458	4,449	0	2,586

Total Q(p), cfs:	100 year Existing Q(p)*A	100 year Proposed Q(p)*A	10 year Existing Q(p)*A	10 year Proposed Q(p)*A	2 year Existing Q(p)*A	2 year Proposed Q(p)*A
Treatment A	1.51	0.00	0.37	0.00	0.00	0.00
Treatment B	0.00	0.16	0.00	0.07	0.00	0.01
Treatment C	0.00	0.00	0.00	0.00	0.00	0.00
Treatment D	0.00	4.23	0.00	2.83	0.00	1.67
Total Q (cfs) =	1.51	4.39	0.37	2.89	0.00	1.68





Martin J. Chávez, Mayor

Robert E. Gurulé, Director

August 18, 1997

Jackie McDowell
McDowell Engineering Inc.
7820 Beverly Hills Ave. NE
Albuquerque, New Mexico 87122

RE: DRAINAGE PLAN FOR LOT 38 RICHFIELD PARK SUBDIVISION (C17-D2A28)
ENGINEER'S STAMP DATED 8/4/97

Dear Ms. McDowell:

Based on the information provided on your August 5, 1997 submittal, the above referenced site is approved for Site Development Plan for Building Permit.

Please be advised that prior to Building Permit release, the following concerns must be addressed:

1. Finish floor to full mean sea level designation.
2. Top of curb and flow line elevations on Adams St..
3. Identify the slope on each swale.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File

Sincerely

Bernie J. Montoya
Bernie J. Montoya CE
Associate Engineer

Good for You. Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103



DRAINAGE INFORMATION SHEET

PROJECT TITLE: OFFICE/WAREHOUSE ZONE ATLAS/DRNG. FILE #: C-17 2A28

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

LEGAL DESCRIPTION: LOT #38 RICHFIELD PARK SUBDIVISION

CITY ADDRESS: ADAMS ST. NE

ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL

ADDRESS: 7820 BEVERLY HILLS AVE. NE PHONE: 828-2430

OWNER: JOHN MECHENBIER CONTACT: JOHN MECHENBIER

ADDRESS: 8804 WAHSINGTON ST. NE PHONE: 828-1676

ARCHITECT: HARBERTS & LEVINE ARCHITECTS CONTACT: TIM VELTCAMP

ADDRESS: 2001 CARLISLE NE PHONE: 268-1234

SURVEYOR: MAX DOAK CONTACT: MAX DOAK

ADDRESS: 637 SOLAR NW PHONE: 344-4492

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

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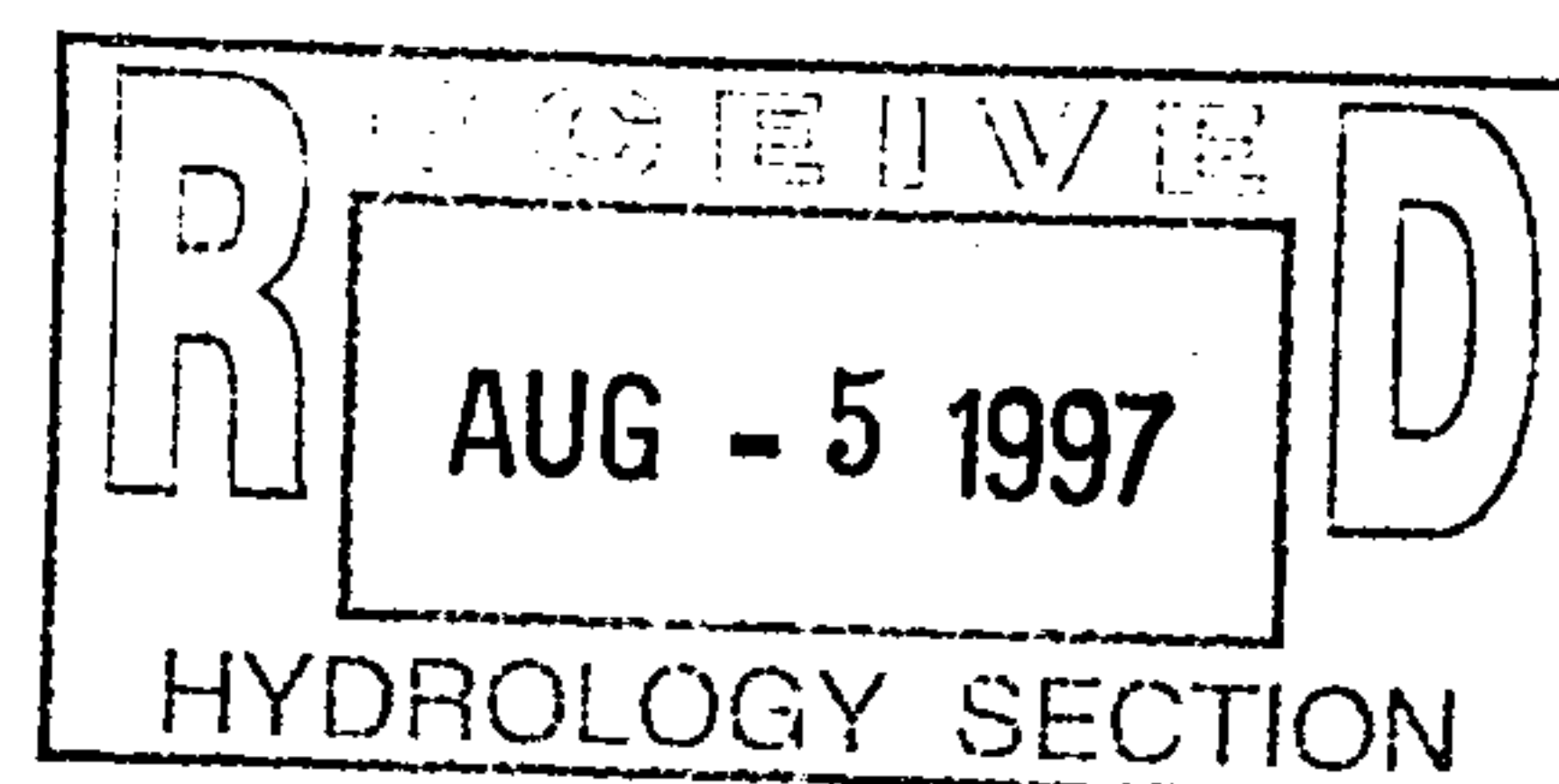
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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: AUGUST 5, 1997

BY: JACKIE S. MCDOWELL, P.E.



Project: MECHENBIER LOT 38 - ON SITE CALCULATIONS

05-Aug-97

Calculations: Total Basin

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(includes local streets)

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