Cherne, Curtis

From: Olson, Greg
Sent: Tuesday, July 23, 2013 2 26 PM
To: Cherne, Curtis
Cc: Williams, Brennon; 'Chris Paige'; Olson, Greg
Subject: RE· No drainage at the Enclave apartments at 9500 Osuna Road NE ABQ 87111
Attachments: F20-D024_Enclave Apts-Private Storm Drain pdf, F20D024_GandD_27JAN1995 pdf

Curtis,
I pulled the file and reviewed the Drainage File F20-D024
The Grade and Drain plan was prepared by Jeff Mortensen & Assoc and Certified, As-Built in Jan 1995

The site is required to Detain flows at 13 1 cfs maximum
The plan utilizes three ponds in Landscaped areas, similar to the photo, plus three parking lot areas, each with an orifice plate in the associated drainage inlet

Attached is a schematic layout of their private, onsite system.
Calculations on file indicate that all of the ponds should drain within about an hour of the 100-year, 6-hour storm

The pond outlet pipe have pretty small, orifice plate outlets (e g - 2 25" x 2 25" up to 4" dia.) to control the rate of release from the site If the ponds are not draining, I suspect clogging at the outlets
Management at the complex should be able to rectify by cleaning the outlets

I went ahead and scanned the Certified Drainage Plan and put a copy in the folder on the K-drive

Brennon & Mr. Page,
Hopefully this info addresses the issue.
If you have more questions, I'd be glad to help.

Thanks,
Greg Olson, PE
Planning/Hydrology
924-3994

From: Cherne, Curtis
Sent: Monday, July 22, 2013 3:09 PM
To: Olson, Greg
Subject: FW: No drainage at the Enclave apartments at 9500 Osuna Road NE ABQ 87111
Greg,
Please pull drainage file and see if this site is supposed to retain.

Thx,
Curtis

From: Williams, Brennon
Sent: Monday, July 22, 2013 2:07 PM
To: Cherne, Curtis
Cc: Wolfe, Bryan K.
Subject: FW: No drainage at the Enclave apartments at 9500 Osuna Road NE ABQ 87111

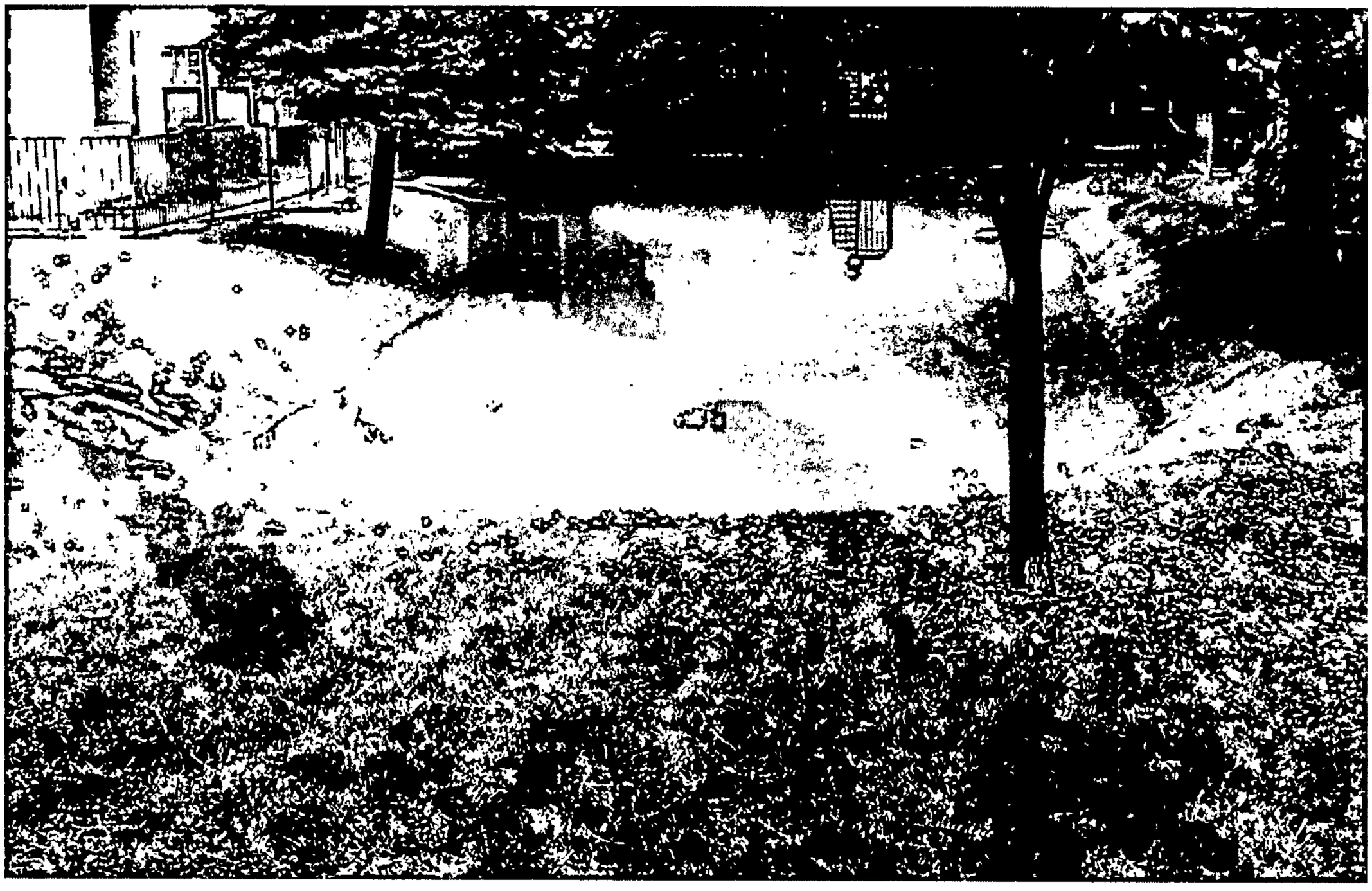
Curtis – Is this something you guys can address?

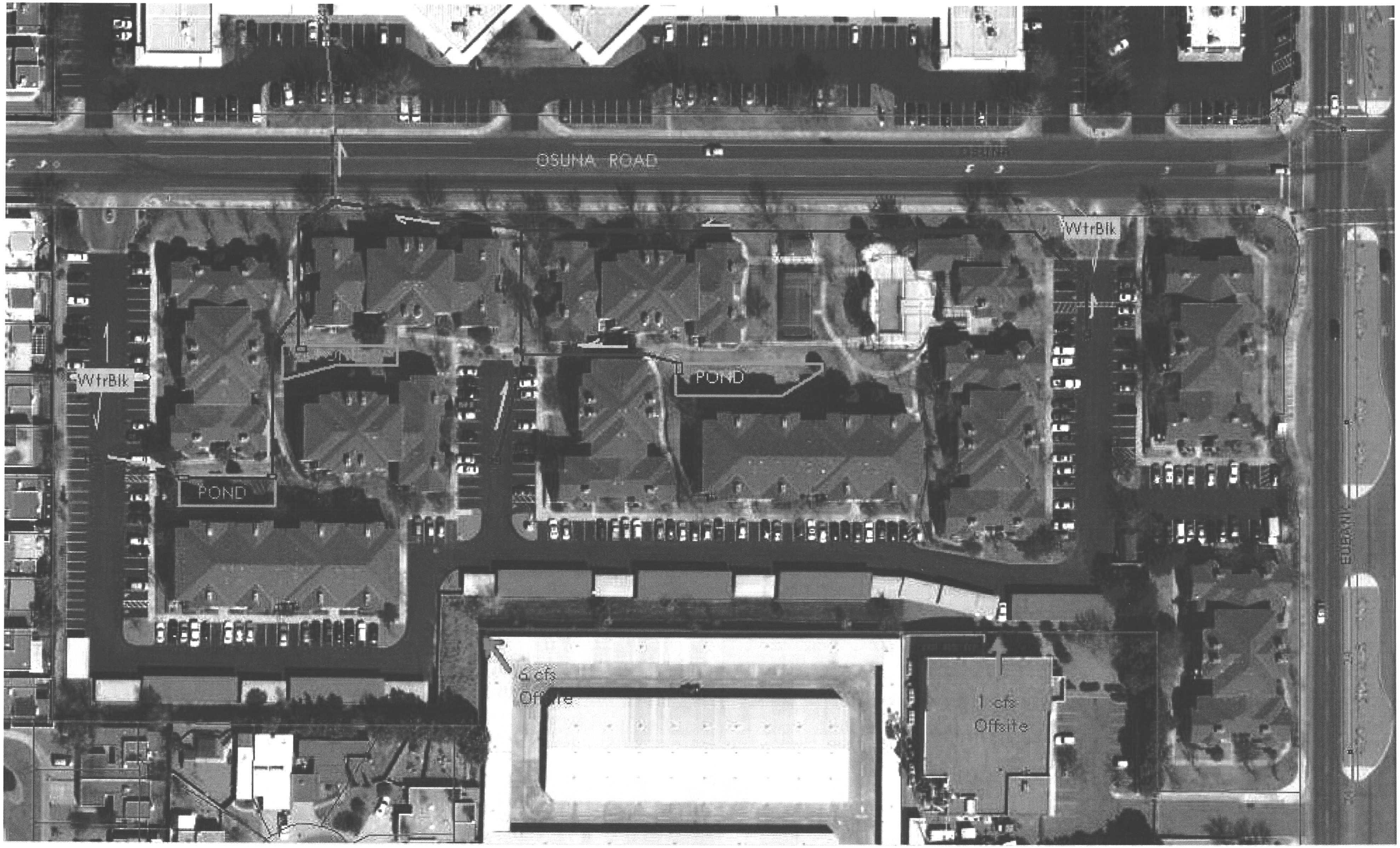
Sincerely,

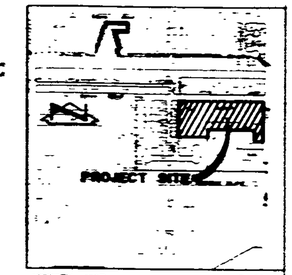
Brennon Williams
Code Compliance Manager
Planning Department
City of Albuquerque
600 2nd St. NW, Suite 500
Albuquerque, NM 87102
bnwilliams@cabq.gov

From: Chris Paige [mailto:cwp1124@gmail.com]
Sent: Friday, July 19, 2013 5:57 PM
To: Williams, Brennon
Subject: No drainage at the Enclave apartments at 9500 Osuna Road NE ABQ 87111

I'm not sure what department covers this issue, but there is absolutely no drainage at the apartment complex property at the above stated address. Isn't there a city ordinance that covers these matters? Just wondering. Thanks.

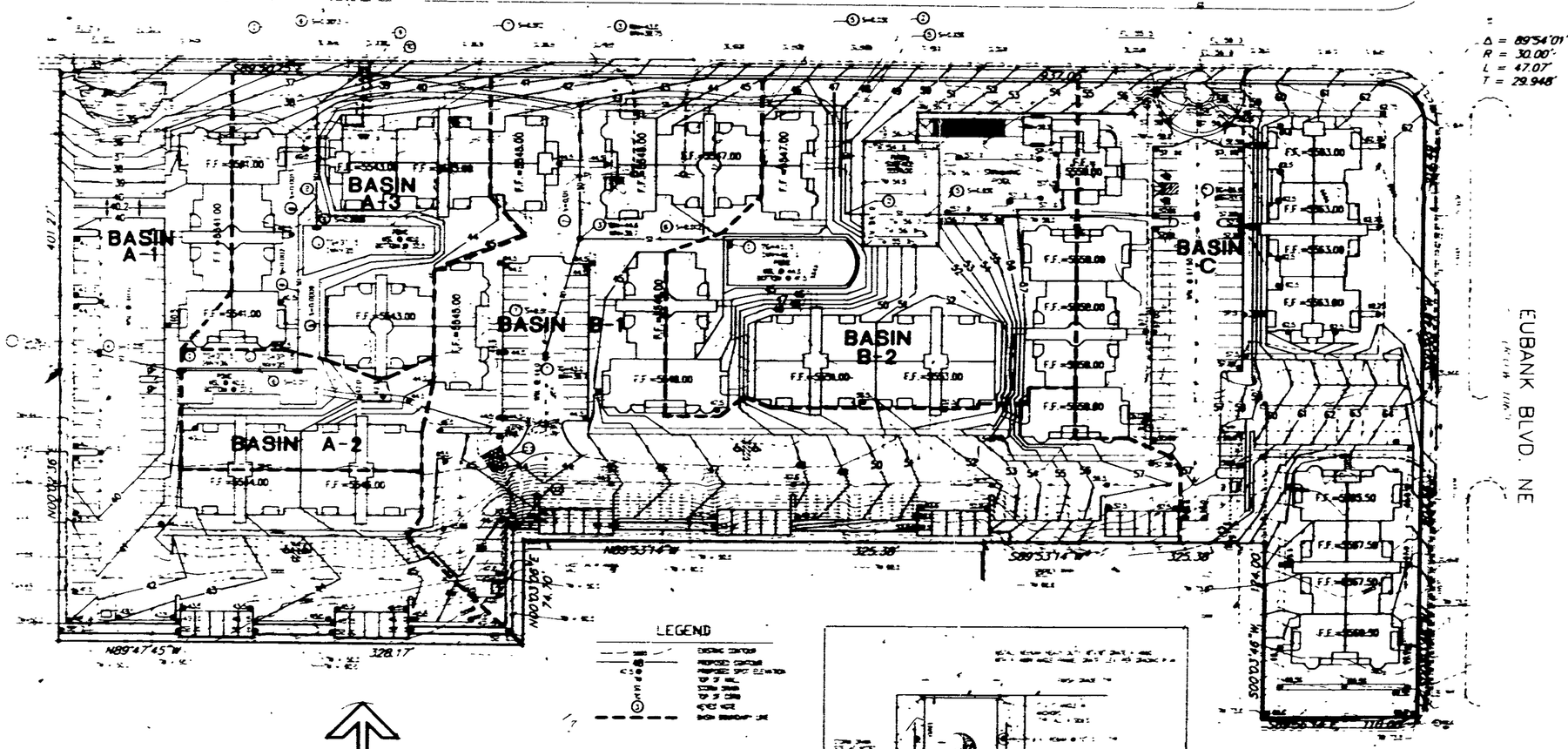



OSUNA ROAD
WtrBlk
WtrBlk
POND
POND
6 cfs
Offsite
1 cfs
Offsite
EUBANK



VICINITY MAP F-20

OSUNA ROAD NE



GRADING & DRAINAGE PLAN 1"=40'-0"

TYPICAL STORM INLET SECTION

Fanning · Bard · Tatum

ARCHITECTS · AIA · LTD.

6100 Indian School Road N.E. Suite 210
Albuquerque, New Mexico 87110 505-883-5200

Project	ENCLAVE APARTMENTS ALBUQUERQUE, NEW MEXICO	Date JULY, 1993
Sheet Title	GRADING & DRAINAGE PLAN	

Sheet C-2 of

CALCULATIONS

Land Characteristics

Precipitation Zone

Total Area

Existing Land Treatment

Treatment	Area (sf/ac)
B	[illegible]
D	[illegible]

Developed Land Treatment

Treatment	Area (sf/ac)
B	[illegible]
D	[illegible]

Calculation Worksheet

Basin

Volume

Peak Discharge

Pond Volume

Hydrograph Analysis

Composite Data

Volume

Peak Discharge

Basin A-1

Land Treatment | Area (sf/ac)

Volume

Peak Discharge

Basin A-2

Land Treatment | Area (sf/ac)

Volume

Peak Discharge

Basin A-3

Land Treatment | Area (sf/ac)

Volume

Peak Discharge

Composite Hydrograph

Pond Discharge Rates:

Flow Flow

Using Fenlon's Hydraulics Calculation for Gravity Flow in Pipes

From Basin A:	From Basin B:	From Basin D:
Let	Let	Let
Therefore,	Therefore,	Therefore

Total Offsite Flow = [illegible] cfs

Composite

Basin A (Area 1 + Area 2 + Area 3)

Volume

Peak Discharge

Pond Volume

Basin B

Land Treatment | Area (sf/ac)

Volume

Peak Discharge

Pond Volume

Hydrograph Analysis

Basin B (B-1 + B-2)

Volume

Peak Discharge

Pond Volume

Hydrograph Analysis

Basin C

Land Treatment | Area (sf/ac)

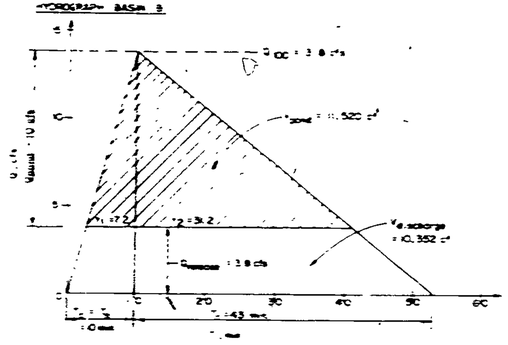
Volume

Peak Discharge

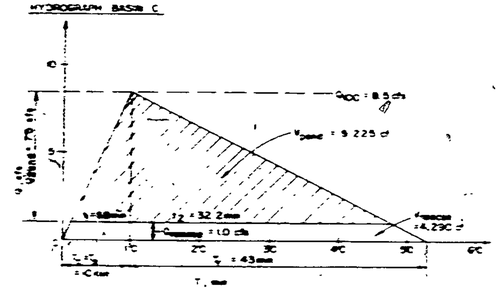
Pond Volume

Hydrograph Analysis

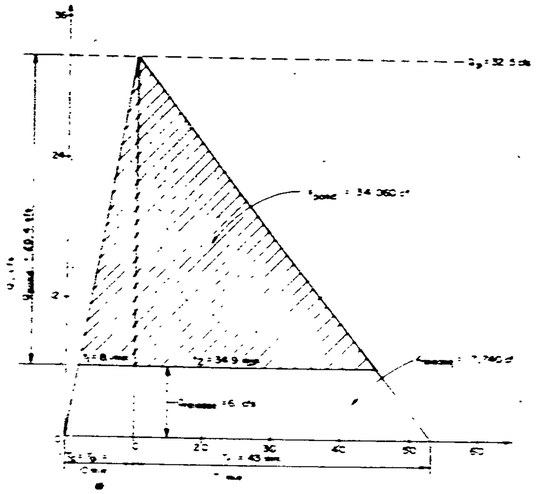
HYDROGRAPH BASIN B



HYDROGRAPH BASIN C



SITE HYDROGRAPH



JMA JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505)345-4558

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6100 Indian School Road N.E. Suite 210
Albuquerque, New Mexico 87110 505-883-5200

Project	ENCLAVE APARTMENTS ALBUQUERQUE, NEW MEXICO	JULY, 1993
Sheet Title	DRAINAGE DETAILS, SECTIONS & NOTES	Date

ALBUQUERQUE CODE ADMIN
BSC PLAN CHECK SECTION

Sheet

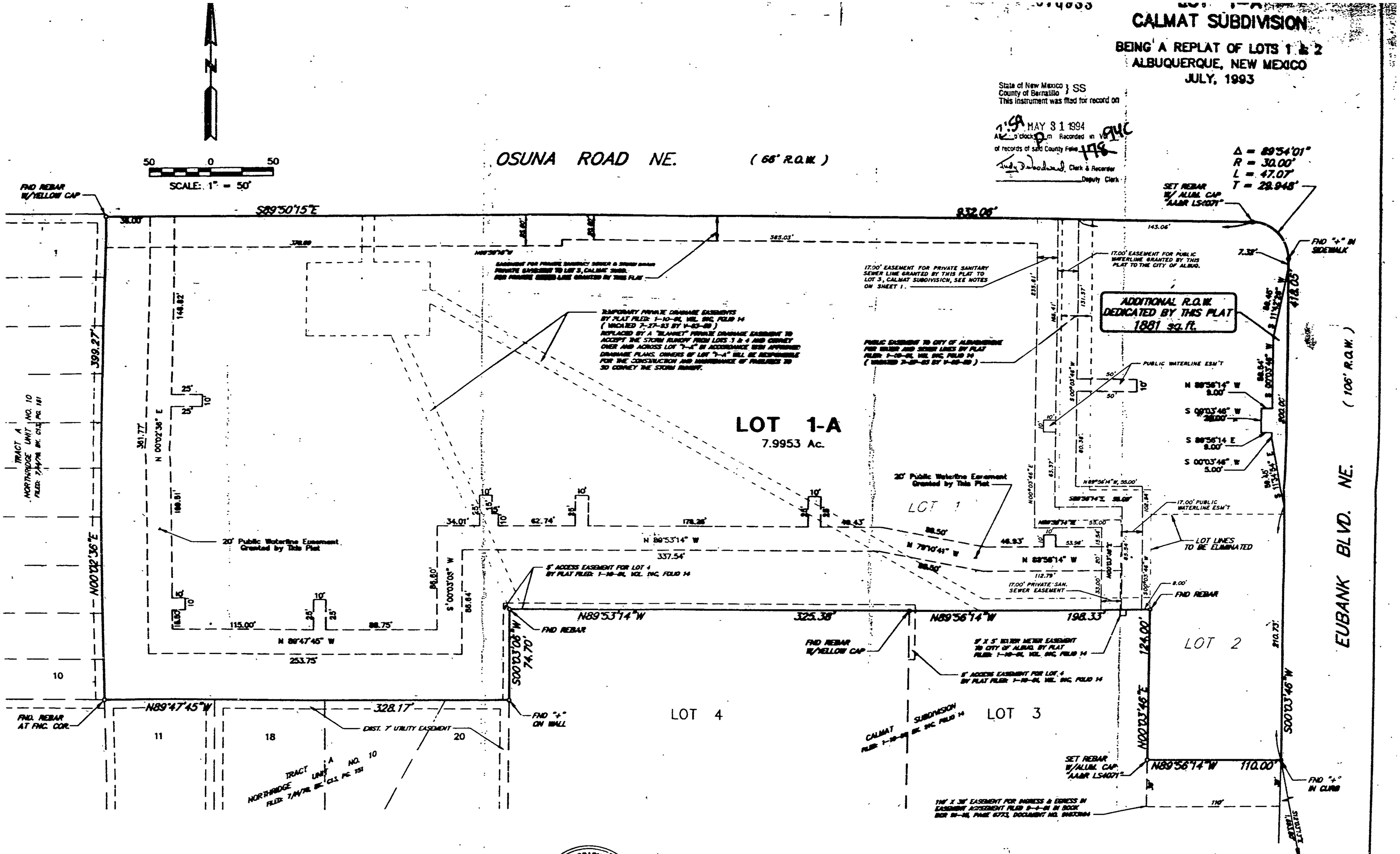
C-3

Of

CALMAT SUBDIVISION

BEING A REPLAT OF LOTS 1 & 2
ALBUQUERQUE, NEW MEXICO
JULY, 1993

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
MAY 31 1994
At 1:59 o'clock P.M. Recorded in Vol. 94C of records of said County Folio 178
Clerk & Recorder
Deputy Clerk



SURVEYOR'S CERTIFICATE

I, GAYLE D. JEWELL, A REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD MADE KNOWN TO ME, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 4071 GAYLE JEWELL

GAYLE D. JEWELL, L.S. NO. 4071 — DATE 12/3/93

ACS STA. M-14
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 415,256.43
Y = 1,502,976.89
G-S FACTOR = 0.9999448
∆ = -9°08'44"
NGVD 1929
ELEVATION = 5894.14'
NAD 1927

ANDREWS, ASBURY & ROBERT, INC.

Planning and Zoning GIS Data - Microsoft Internet Explorer provided by DFAS/ISD (ZENWORKS)

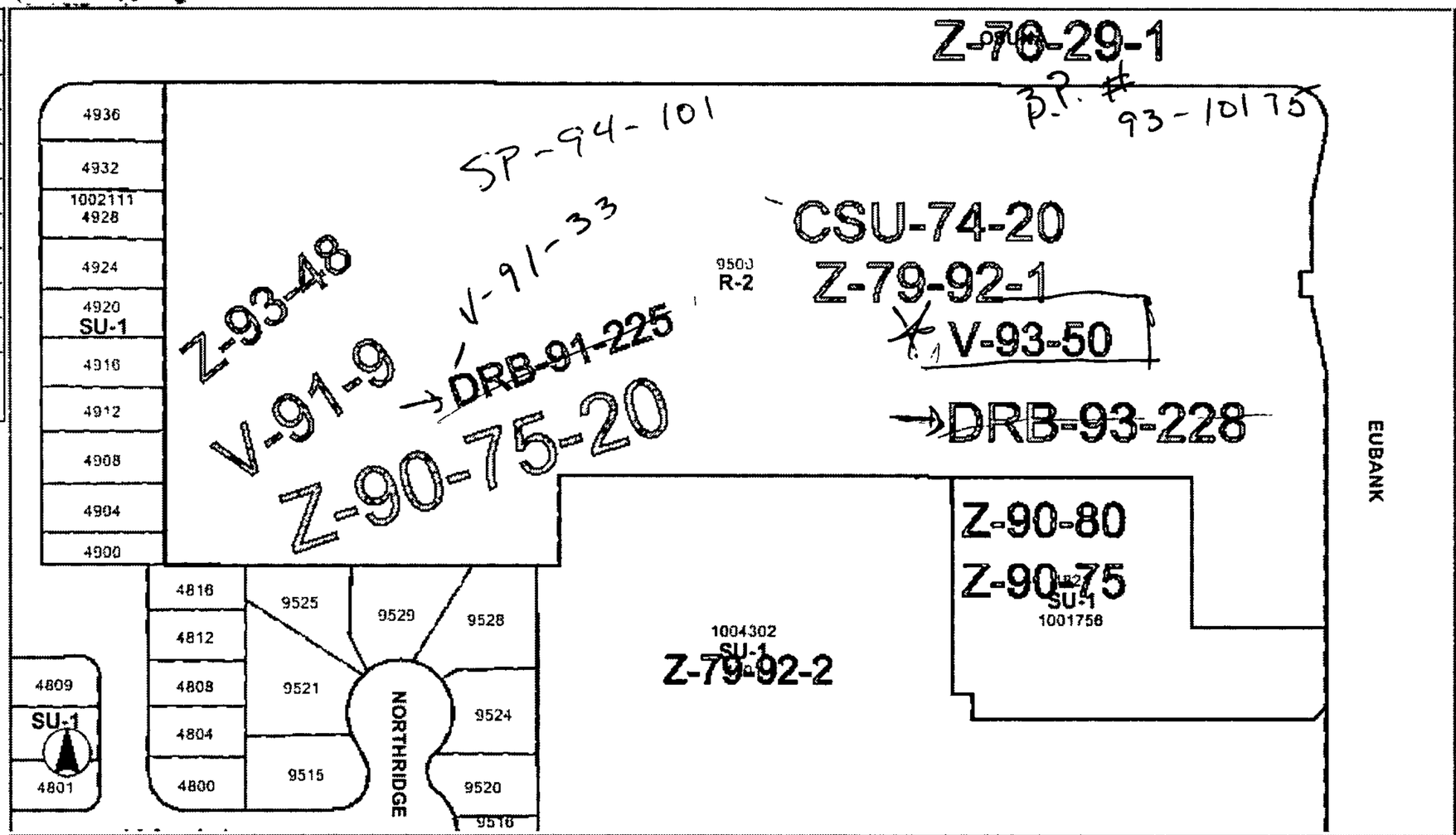
File Edit View Favorites Tools Help

Back Search Favorites

Address http://vista.cabq.gov/website/newzone/viewer.htm?ActiveLayer=9 Go Links

CITY OF ALBUQUERQUE www.cabq.gov

Planning and Zoning GIS Data



LAYERS
- STREETS
- BASEMAP
  - PARCELS
  - METRO ADDRESS
  - ZONING
  - OWNERSHIP
- BOUNDARIES
  - MORATORIUM
  - ZONE GRID
  - NEIGHBORHOODS
  - COUNCIL
  - PARKS
  - COMP PLAN
  - SECTOR PLANS
  - PLANNING AREAS
  - HISTORIC ZONES
  - OLDTOWN BUFFE
  - DESIGN OVERLAY
  - METRO DEV AREA
  - MUNICIPAL LIMITS
  - ZIPCODES
- SITES
  - ZONING CASES
  - CASE TRACKING
  - CASE HISTORY
  - CELL TOWERS
  - CENTERS
  - CRP/ES LOCATION
  - CRP/ES BUFFER
  - CHURCHES
  - CHURCH BUFFER
  - SCHOOL BUFFERS
  - LANDFILLS
  - LANDFILL BUFFER
- AIR PHOTO
  - 2006 AIR PHOTO
  - 2002 AIR PHOTO

PARCELS

Rec	NUMBER	NAME	DESIGNATION	QUADRANT	LOT	BLOCK	SUBDIVISION	PIN
1	9500	OSUNA	RD	NE	1A	0000	CALMAT	ABQ57470

METRO ADDRESS

Zoom In SEARCH REFRESH HELP INDEX PAGE CONTACT

Map: 1555336.29 , 1504732.37 -- Image: 596 , 306 -- ScaleFactor: 1.302497191411439

Internet

Start Planning and Zoning ... 1:09 PM