City of Albuquerque

December 15, 1999

Jean Bordenave, PE
Bordenave Designs
P.O.Box 91194
Albuquerque, NM 87199

Re: Sunshine Buick Grading and Drainage Plan
Engineer's Stamp dated 5-21-99 (F18/D12A)
revision dated 10-13-99 & 12-14-99

Dear Mr. Bordenave,

Based upon the information provided in your submittal dated 10-18-99, the above referenced site is approved for Building Permit and SO-19 Permit.

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

A separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

Please be advised that prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3986

Sincerely,

Brad Bingham

Bradley L. Bingham, PE
Hydrology Review Engineer

C: Pam Lujan
file
WR

City of Albuquerque

PUBLIC WORKS DEPARTMENT

December 15, 1999

INTEROFFICE CORRESPONDENCE HYDROLOGY DIVISION

TO: Glen Jurgenson, Storm Drain Maintenance Division

FROM: Bradley L. Bingham PE, Hydrology Div., PWD

SUBJECT: **MODIFICATIONS TO DRAINAGE FACILITIES WITHIN PUBLIC RIGHT-OF-WAY DRAINAGE FILE NUMBER (F18/D12A).**

Transmitted herewith is a copy of the approved drainage plan for the referenced project incorporating the SO #19 design.

This plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed off SO#19 is required by this office for Certificate of Occupancy release; therefore your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of Certificate of Occupancy.

Thank you for your cooperation and if you should have any questions and/or comments, please feel free to call me at 924-3986.

Attachment

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: SUNSHINE BUICK DRNG. FILE #: F-18/D012A

DRB #: EPC #: - WORK ORDER #: -

LEGAL DESCRIPTION: TRACT J-1-A, CAMPTOWN ADDITION

CITY ADDRESS: 1601 EUBANK BLVD. NE

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, 87199 PHONE: 823-1344

OWNER: SUNSHINE BUICK CONTACT:

ADDRESS: 5200 SAN MATEO NE, 87109 PHONE:

ARCHITECT: WALTON & WALTON CONTACT: BOB MAZE

ADDRESS: 1020 COAL SE, 87106 PHONE: 843-9300

SURVEYOR: SURVTEK CONTACT: G. HUGG

ADDRESS: 5643 PARADISE NW 8711 PHONE: 897-3366

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

TYPE OF SUBMITTAL:

____ CONCEPT GRADING & DRAINAGE PLAN
_X__ GRADING PLAN (REVISED)
_X__ DRAINAGE PLAN (REVISED)
____ DRAINAGE REPORT
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER:

PRE-DESIGN MEETING:

____ YES
_X__ NO
____ COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

____ SECTOR PLAN
____ SKETCH PLAT
____ PRELIMINARY PLAT
____ FINAL PLAT
____ SITE DEV. PLAN FOR SUBD.
____ SITE DEV. PLAN FOR PERMIT
____ GRADING PERMIT
____ PAVING PERMIT
____ FOUNDATION PERMIT
__X_ BUILDING PERMIT SD-
____ CERTIFICATE OF OCCUPANCY
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
__+_ OTHER: SD-19

RECEIVED
DEC 14 1999
HYDROLOGY SECTION

DATE SUBMITTED: 12/15/99

BY: ____J.J. BORDENAVE

BORDENAVE DESIGNS
P.O. BOX 91194
ALBUQUERQUE, NM 87199-1194
(505)823-1344, FAX (505)821-9105

LETTER OF TRANSMITTAL

TO:	DATE:	PROJECT NO:
CITY OF ALBUQUERQUE PWD/HYDROLOGY	12/14/99	9907
	PROJECT NAME: SUNSHINE BUICK	

ATTN: BRAD BINGHAM

TRANSMITTED:
(X) HEREWITH
( ) UNDER SEPARATE COVER VIA

FOR YOUR:
( ) DISTRIBUTION TO PARTIES (X) APPROVAL ( ) INFORMATION
( ) REVIEW AND COMMENT ( ) USE ( ) RECORD
( ) RECORDATION

THE FOLLOWING:
(X) DRAWING(S) ( ) SHOP DRAWING(S) ( ) SEE BELOW
( ) COPY OF LETTER ( ) CALCULATIONS ( ) SPECIFICATIONS

COPIES	DATE	DESCRIPTION	ACTION CODE
1	12/14/99	GRADING AND DRAINAGE PLAN	E

ACTION CODES:
A. Action indicated on item transmitted
B. No action required
C. Sign and return to this office
D. Sign and forward as directed under remarks
E. See remarks below

REMARKS:

THE PROJECT WAS PREVIOUSLY APPROVED FOR CONSTRUCTION OF THE BUILDING ADDITION. THIS REVISED SUBMITTAL IS FOR APPROVAL OF THE DRIVEWAY CLOSURE AND CONSTRUCTION OF THE SIDEWALK CULVERT IN THE OLD DRIVEWAY LOCATION.

DEC 14 1999
HYDROLOGY SECTION

COPIES TO:
FILE

IF ENCLOSURE IS NOT AS NOTED, PLEASE NOTIFY ME

FROM: JAKE BORDENAVE

City of Albuquerque

December 13, 1999

Jean Bordenave, PE
Bordenave Designs
P.O.Box 91194
Albuquerque, NM 87199

Re: Sunshine Buick Grading and Drainage Plan
Engineer's Stamp dated 10-13-99 (F18/D12A)

Dear Mr. Bordenave,

Based upon the information provided in your submittal dated 10-18-99, the above referenced site is approved for Building Permit. An SO-19 Permit submittal is required. Please submit two copies of the grading and drainage plan with the appropriate notes and signature block.

If you have any questions, you can contact me at 924-3986

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
Hydrology Review Engineer

C: file

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: SUNSHINE BUICK DRNG. FILE #: F-18/D012A

DRB #: EPC #: - WORK ORDER #: -

LEGAL DESCRIPTION: TRACT J-1-A, CAMPTOWN ADDITION

CITY ADDRESS: 1601 EUBANK BLVD. NE

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS:P.O. BOX 91194, 87199 PHONE: 823-1344

OWNER: SUNSHINE BUICK CONTACT:

ADDRESS: 5200 SAN MATEO NE, 87109 PHONE:

ARCHITECT: WALTON & WALTON CONTACT: BOB MAZE

ADDRESS: 1020 COAL SE, 87106 PHONE: 843-9300

SURVEYOR: SURVTEK CONTACT: G. HUGG

ADDRESS: 5643 PARADISE NW 8711 PHONE: 897-3366

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

TYPE OF SUBMITTAL:

____ CONCEPT GRADING & DRAINAGE PLAN
_X__ GRADING PLAN (REVISED)
_X__ DRAINAGE PLAN (REVISED)
____ DRAINAGE REPORT
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER:

PRE-DESIGN MEETING:

____ YES
_X__ NO
____ COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

____ SECTOR PLAN
____ SKETCH PLAT
____ PRELIMINARY PLAT
____ FINAL PLAT
____ SITE DEV. PLAN FOR SUBD.
____ SITE DEV. PLAN FOR PERMIT
____ GRADING PERMIT
____ PAVING PERMIT
____ FOUNDATION PERMIT
__X_ BUILDING PERMIT
____ CERTIFICATE OF OCCUPANCY
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER:

DATE SUBMITTED: 10/18/99

BY:____J.J. BORDENAVE

RECEIVED
OCT 18 1999
HYDROLOGY SECTION

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

July 12, 1999

Jean J. Bordenave, P.E.
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

RE: SUNSHINE BUICK (F18-D12A). GRADING AND DRAINAGE PLAN FOR BUILDING AND FOUNDATION PERMIT APPROVALS. ENGINEER'S STAMP DATED MAY 21, 1999.

Dear Mr. Bordenave:

Based on the information provided on your May 26, 1999 submittal, the above referenced project is approved for both Foundation and Building Permits.

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

Prior to Certificate of Occupancy approval, an Engineer's Certification per the DPM will be required.

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

Sincerely,

John P. Murray, P.E.
Hydrology

c: File

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: SUNSHINE BUICK DRNG. FILE #: F18/D12A

DRB #: EPC #: - WORK ORDER #: -

LEGAL DESCRIPTION: TRACT J-1-A, CAMPTOWN ADDITION

CITY ADDRESS: 1601 EUBANK BLVD. NE

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS:P.O. BOX 91194, 87199 PHONE: 823-1344

OWNER: SUNSHINE BUICK CONTACT:

ADDRESS: 5200 SAN MATEO NE, 87109 PHONE:

ARCHITECT: WALTON & WALTON CONTACT: BOB MAZE

ADDRESS: 1020 COAL SE, 87106 PHONE: 843-9300

SURVEYOR: SURVTEK CONTACT: G. HUGG

ADDRESS: 5643 PARADISE NW 8711 PHONE: 897-3366

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

TYPE OF SUBMITTAL:

____ CONCEPT GRADING & DRAINAGE PLAN
_X__ GRADING PLAN
_X__ DRAINAGE PLAN
____ DRAINAGE REPORT
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER:

PRE-DESIGN MEETING:

____ YES
_X__ NO
____ COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

____ SECTOR PLAN
____ SKETCH PLAT
____ PRELIMINARY PLAT
____ FINAL PLAT
____ SITE DEV. PLAN FOR SUBD.
____ SITE DEV. PLAN FOR PERMIT
____ GRADING PERMIT
____ PAVING PERMIT
_X_ FOUNDATION PERMIT
_X_ BUILDING PERMIT
____ CERTIFICATE OF OCCUPANCY
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER:

DATE SUBMITTED: 05/24/99

BY:____J.J. BORDENAVE

RECEIVED
MAY 26 1999
HYDROLOGY SECTION

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 21, 1993

Jeff Bergman
BPLW Architects & Engineers, Inc.
2400 Louisiana NE Suite 400
Albuquerque, NM 87110

RE: DRAINAGE PLAN FOR AN ADDITION TO SUNSHINE BUICK USED CARS (F18-D12A) ENGINEER'S STAMP DATED 12/21/93.

Dear Mr. Bergman:

Based on the information provided on your December 21, 1993 submittal, the above referenced plan is approved for Site Development Plan & Building Permit.

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

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya

Bernie J. Montoya, CE
Engineer Associate

BJM/dl/WPHYD/8183

xc: Alan Martinez
File

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 21, 1993

Jeff Bergman
BPLW Architects & Engineers, Inc.
2400 Louisiana NE AFC # 5 Ste. 400
Albuquerque, NM 87110

RE: DRAINAGE PLAN FOR SUNSHINE BUICK USED CARS (F18-D12A)
ENGINEER'S STAMP DATED 12/17/93.

Dear Mr. Bergman:

Based on the information provided on your December 20, 1993 submittal, Engineer Certification for Phase II is acceptable.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineer Associate

BJM/dl/WPHYD/8183

xc: Alan Martinez
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Sunshine Buick Used Cars ZONE ATLAS/DRNG. FILE #: F18-Z / D-12A

DRB #: Z-89-28-1 EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Tract J-1-A Camptown Addition Within Section 36, T.11N., R.3E., N.M.P.M., Albuquerque, NM, SP 89-292

CITY ADDRESS: 5200 San Mateo Blvd NE

ENGINEERING FIRM: BPLW Architects & Engineers, Inc CONTACT: Jeff Bergmann

ADDRESS: 2400 Louisiana NE, AFC #5, Ste. 400 PHONE: 881-2759

OWNER: Skip Eaton CONTACT: Skip Eaton

ADDRESS: 5200 San Mateo Blvd NE PHONE: 880-8000

ARCHITECT: BPLW Architects & Engineers, Inc. CONTACT: Gene Valentine

ADDRESS: 2400 Louisiana NE, AFC #5, Ste. 400 PHONE: 881-2759

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
____ DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
____ GRADING PLAN
____ EROSION CONTROL PLAN
X 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
X 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: 17 December 1993

BY: _____

RECEIVED
DEC 20 1993
HYDROLOGY DIVISION

Date: 12/21/93

BPLW

Architects & Engineers, Inc.

American Financial Center #5
2400 Louisiana Blvd NE
Suite 400
Albuquerque, New Mexico 87110
(505) 881-2759 FAX (505) 881-1230

ATTN: Bernie Montoya - Hydrology Dept
Room 301 - COA Public Works

PROJECT: (name, address)

Sunshine Buick - San Mateo, Phase II

If checked below, please:

( ) Acknowledge receipt of enclosures.

( ) Return enclosures to us

PROJECT NO: 93025

We Transmit the Following:

Copies	Description
2 copies	Grading & Drainage Plan

RECEIVED
DEC 21 1993
HYDROLOGY DIVISION

If enclosures are not as noted, please inform us immediately.

Remarks: Bernie,

Attached for your review are two copies of the grading & drainage plan for the referenced project. Please note that the drawing is of the original approved plan which has been modified to show the proposed building. The parking striping will be adjusted to accomodate the needed spaces (see the EPC package).

Please contact me ASAP if you have questions.

Thank you for your immediate review, it is very much appreciated.

Copies to:

By Guy Jackson

Date: 12/21/93

BPLW

Architects & Engineers, Inc.

American Financial Center #5
2400 Louisiana Blvd NE
Suite 400
Albuquerque, New Mexico 87110
(505) 881-2759 FAX (505) 881-1230

ATTN: Bernie Montoya - Hydrology Dept
Room 301 - COA Public Works

PROJECT: (name, address)

Sunshine Buick - San Mateo, Phase II

If checked below, please:

( ) Acknowledge receipt of enclosures.

( ) Return enclosures to us

PROJECT NO: 93025

We Transmit the Following:

Copies	Description
2 copies	Grading & Drainage Plan

If enclosures are not as noted, please inform us immediately.

Remarks: Bernie,

Attached for your review are two copies of the grading & drainage plan for the referenced project. Please note that the drawing is as the original approved plan which has been modified to show the proposed building. The parking striping will be adjusted to accomodate the needed 15 spaces (see the EPC package).

Please contact me ASAP if you have questions.

Thank you for your immediate review, it is very much appreciated.

Copies to:

By Guy Jackson

BPLW

Architects & Engineers, Inc.

American Financial Center #5
2400 Louisiana Blvd. NE
Suite 400
Albuquerque, New Mexico 87110
(505) 881-BPLW (2759)
FAX (505) 881-1230

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Ronald L. Peters, AIA, APA
Joseph D. Long, Emeritus, AIA, PE
Bill J. Waters, AIA
Charlie M. Otero, AIA

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Maureen M. Walter, AIA, CCS
W. Paul Waters, AIA

December 17, 1993

Fred Aquirre, PE
Hydrology Chairman
City of Albuquerque - Public Works
PO Box 1293
Albuquerque, NM 87103

Re: Sunshine Buick - Site Development Plan Approval (DRB #Z-89-28-1) Engineers Certifications BPLW Project Number: 93025

Dear Fred:

Attached for your review for Site Development Plan Approval are the following:

- One (1) print of the Phase I (north site) Grading/Certification As-built with certification stamp dated 11/15/89.
- One (1) part of the Phase II (south site) Grading/Certification As-built with the certification stamp dated 12/17/93.
- One (1) copy of the Site Development and Grading/Paving approval letter for the Phase II (south site) dated 10/23/89.

We hope that this information adequately addresses your comments and concerns for this project. Currently, we have requested to be on the DRB Agenda (other items) for 12/21/93. If you have any additional comments or questions, please contact Jeff Bergmann or me.

Sincerely,

BPLW ARCHITECTS & ENGINEERS, INC.

Guy Jackson, EI
Civil Engineering

Attachment

xc: Jeff Bergmann
Gene Valentine
Maureen Walter

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

ALBUQUERQUE
NEW MEXICO
1706

KEN SCHULTZ
MAYOR

October 23, 1989

RECEIVED
OCT 25 1989
BPLW
Architects & Engineers, Inc.

Philip W. Clark
BPLW Engineers/Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: GRADING/PAVING PLAN FOR TRACT J-2 PHASE II OF SUNSHINE AUTO DEALERSHIP (F-18/D12A) ENGINEERS STAMP DATED SEPTEMBER 29, 1989

Dear Mr. Clark

Based on the information provided on your submittal of October 10, 1989, the above referenced plan is approved for Site Development and Grading/Paving Permit.

Please be advised that Engineer's Certification will be required for both Phase I & II prior to Certificate of Occupancy release.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

xc: Larry Caudill

BJM/bsj
(WP+1031)

BPLW
Architects & Engineers, Inc.
American Financial Center #5
Suite 400
2400 Louisiana Blvd. NE
Albuquerque, New Mexico 87110
(505) 881-2759

Project Sunshine Buick
Subject Hydrology – Downstream Analysis
Project No. 89015 Date 2-20-89 By RJC

☐ Memorandum
☐ Telephone Record
☐ Note to the File
☐ To be Typed
☐ Minutes of Mtg.
☐

DOWNSTREAM ANALYSIS

INTRODUCTION

Tract J-1, Camptown Addition, Bernalillo County, Albuq., N.M. is proposed for an automotive sales business. The site is located on the east side of San Mateo Blvd, N.E. between Osuna & McLeod Rd. TRACT J-1 is approximately 3.5 Acres. See following Zone Atlas Map. The site is presently undeveloped.

Purpose

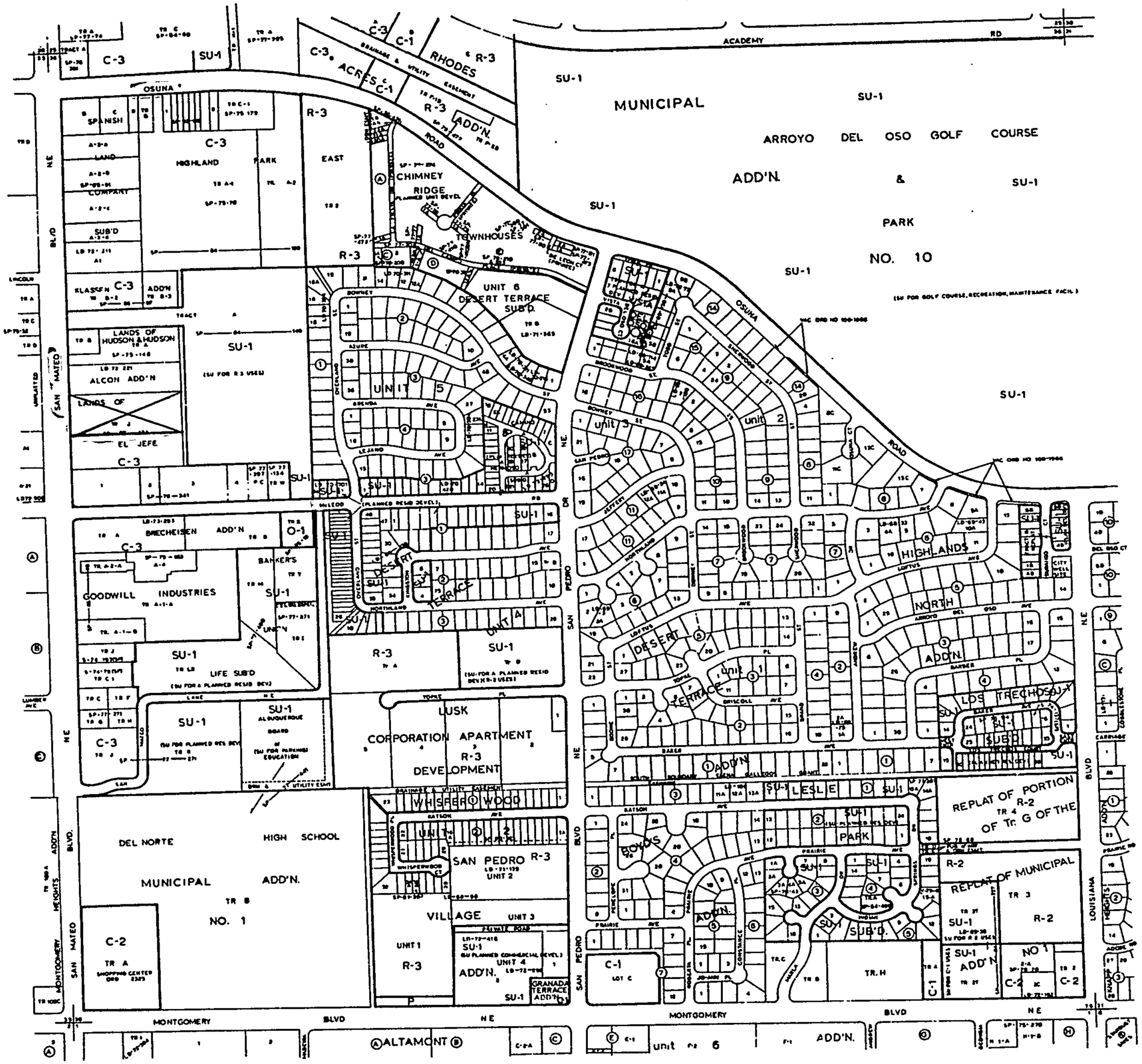
1. To facilitate site development approval and sign-off by Development Review Board.
2. To investigate if ponding requirements are required or if free discharge will be permitted.

RESULTS

The following analysis/calculations show that free discharge of on-site run-off is permitted. The run-off will exit the site at the entrance drive location on San Mateo Blvd.
The project site is contained within two separate hydrological basins, see AMDS Map, following. Surface flows contribute to Analysis Pt., A.P. 2301.
A portion of the project site flows contribute to A.P. 2201 via underground storm drain pipe. See Drain. FAC Map, F-18, following.

Copies To:

Designing to Shape the Future


ACADEMY RD
MUNICIPAL
ARROYO DEL OSO GOLF COURSE
ADD'N.
&
PARK
NO. 10
(SU FOR GOLF COURSE, RECREATION, MAINTENANCE FACIL.)
SU-1
C-3
SU-1
OSUNA
C-3 ACRES
C-1
RHODES
R-3
ADD'N.
DRAINAGE & UTILITY EASEMENT
ROAD
SPANISH
LAND
COMPANY
SUB'D
HIGHLAND
PARK
EAST
CHIMNEY RIDGE
TOWNHOUSES
UNIT 6
DESERT TERRACE SUB'D.
KLASSEN
ADD'N
LANDS OF HUDSON & HUDSON
ALCON ADD'N
LANDS OF
EL JEFE
(SU FOR R-3 USES)
UNIT 5
UNIT 3
unit 2
HIGHLANDS
NORTH
ADD'N
LOS TRECHOS SUB'D
BRECHEISEN ADD'N
O-1
BANKER'S
GOODWILL INDUSTRIES
LIFE SUB'D
(SU FOR A PLANNED RESID DEV.)
(SU FOR A PLANNED RESID DEV. R-3 USES)
LUSK CORPORATION APARTMENT DEVELOPMENT
WHISPERWOOD
SAN PEDRO
UNIT 2
VILLAGE
UNIT 3
UNIT 1
UNIT 4
ADD'N.
GRANADA TERRACE ADD'N.
DESERT TERRACE
UNIT A
DESERT TERRACE
unit 1
ADD'N
LESLIE
PARK
BOYDS
REPLAT OF PORTION OF Tr. G OF THE
REPLAT OF MUNICIPAL
NO 1
DEL NORTE HIGH SCHOOL
MUNICIPAL ADD'N.
NO. 1
C-2
TR A
SHOPPING CENTER
C-1
LOT C
TR. H
unit 6
ADD'N.
ALTAMONT
MONTGOMERY BLVD NE
SAN PEDRO BLVD NE
LOUISIANA BLVD NE
SAN MATEO BLVD NE
MONTGOMERY HEIGHTS ADD'N
SCALE
LEGAL DESCRIPTION
T 11 N
R 3 E
SEC 36
UNIFORM PROPERTY CODE
1-016 DRT
MAP AMENDED THROUGH
MARCH 1996
F-18-Z
CITY OF ALBUQUERQUE
PLANNING DEPARTMENT

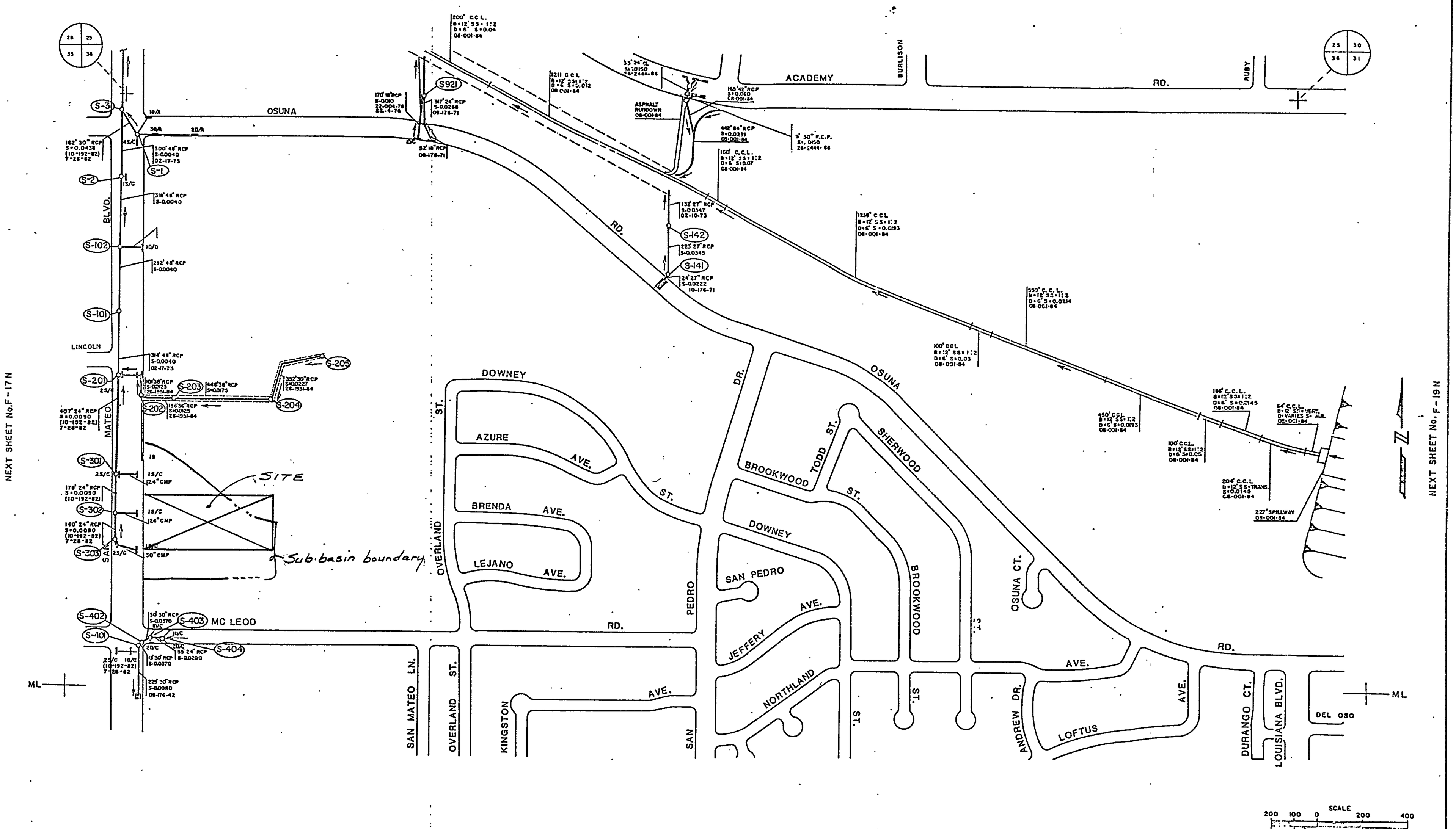
Panel 17
Fema

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL

ALBUQUERQUE INDUSTRIAL PARK
ALBUQUERQUE INDUSTRIAL PARK
CRYER TRACT
UNIVERSAL CONSTRUCTORS
BROJA TRACT A TRUST
LARDNER TRACT
Public Service Co. Switching Station
PAN AMERICAN FREEWAY
CORA JETT TRACT
REINDEER
SIBCO TRACT
VAN HOME PARCEL
FRANKLIN TRACT
MONTICELLO
MONTGOMERY
ALBUQUERQUE KASSMONT
WALTER KASSUBA
VOL-ANDIA RESERVOIR
ADDN. 2B
SOUTH BOUNDARY ELENA GALLEGOS GRANT
MONTGOMERY HEIGHTS
EXECUTIVE PLAZA
CARLMONT ADDN.
CARLISLE DEL CERO ADDN. NO. 4
CARLISLE DEL CERO ADDN. NO. 3
VOL-ANDIA ADDN.
VISTA GRANDE LAND CO ADDN. NO. 2
VISTA GRANDE LAND CO
ADDN. NO. 2
HODGINS ELEMENTARY SCHOOL
NORTH
CARLISLE
HAHN CHANNEL
BLACK ADD.
G. A. G. E.
LANDS OF B.C. RINGER
NAVAJO TERMINALS
ROADRUNNER INVESTORS
SANBUSCO
SEGO ADDN
TRACT C
SUBDIVISION
LUMBER AVE
ALLWOOD AVE
GIANT INDUSTRIES
SPANISH LAND ADDN.
HIGHLAND PARK EAST ADDN.
LANDS OF THE LUTHERAN CHURCH
HUDSON & HUDSON
ALCON ADDN.
EL CAMINO HERMOSO SUBD.
ASSOCIATED INVESTORS
BRECHEISEN ADDITION Tract B
ELENA GALLEGOS GRANT
LUSK CORPORATION APARTMENT DEVELOPMENT ADDN.
MUNICIPAL ADDN. NO. 1
DEL NORTE HIGH SCHOOL
SAN PEDRO VILLAGE ADDN.
LANDS OF TOKOPI
MONROE ASSOCIATES
ALTAMONT ADDN.
EARLMONT PLAZA ADDN.
RHODES ACRES
VILLA ENCANTADA
DESERT
KINGSTON
NORTHLAND
TERRACE ADDN.
AMDS MAP

AP 2701
AP 2202
AP 3101
AP 2201
AP 2203
AP 2301
AP 3201
AP 1903
AP 1902
AP 2302
AP 287
AP 205
AP 206
AP 330
AP 811
AP 808
AP 810
AP 2005
AP 809
AP 801
AP 805

338
331
339
332



DRAINAGE FACILITIES MAP

LEGEND	NOTES
STORM SEWER LINE	1. MANHOLE IDENTIFICATION REQUIRES BOTH THE MAP GRID & MANHOLE No.
MANHOLE	2. MANHOLE NUMBERS CARRIED FROM ADJACENT MAPS HAVE THE MAP GRID SHOWN.
(S-112) MANHOLE NUMBER	
STORM INLET	

REVISIONS		MAP GRID
DATE	REMARKS	F-18N
9-25-84	ARROYO DEL CSO CB-001-84	
8-6-87	RE-INVENTORY-SAN MATEO FROM	
	MC LEOD TO OSUNA	

BPLW
Architects & Engineers, Inc.
American Financial Center #5
Suite 400
2400 Louisiana Blvd. NE
Albuquerque, New Mexico 87110
(505) 881-2759

Project: Sunshine Buick
Subject: Hydrology – Downstream Analysis
Project No. 89015 Date 2-15-89 By RC

☐ Memorandum
☐ Telephone Record
☐ Note to the File
☐ To be Typed
☐ Minutes of Mtg.
☐

Calculations

I. Design Criteria

→ D.P.M. – C.O.A. Development Process Manual
→ rational method $Q = CiA$, discharge rate, c.f.s.
→ SCS method $VOL = R \times A$, run-off volume, c.f.

Type 'B' soil – Tijeras, TgB
$P_{100} = 2.2$ in.
$i = P\,6.84\,TC^{-0.51}$; where $TC = 0.0078 \dfrac{L^{0.77}}{S^{0.385}}$
'C' factor per Emergency Rule, Feb. 1986

II. OFF-SITE BASIN – UPSTREAM / DOWNSTREAM to A.P.# 2301

Area$_{TOTAL}$ = 51 Ac ±

imperv.		A.	'CC'	CN
65%	Residential area =	34 Ac	.69	85
85%	Commercial area =	17 Ac	0.82	92

L = 4900'
ΔEL. = 5295 – 5212 = 83'
S = 1.7%
∴ TC = 26 min. = TP
i'_{100} = 2.86 in/hr.

$'CC'_{TOTAL} = \dfrac{0.69(34) + 0.82(17)}{51} = 0.73$

Composite 'CN' $= \dfrac{85(34) + 92(17)}{51} = 87$ or 88
PL. 22.2, C-3

$Q = 0.73(2.86)51$

$Q_{100} = 106$ cfs $Q_{10} = 70$ cfs

$R.Q_{100} = 1.1$ in. PL. 22.2 C-4

$VOL_{100} = 4.7$ Ac·ft $VOL_{10} = 2.34$ Ac·ft.

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Project: Sunshine Buick
Subject: Hydrology - Downstream Analysis
Project No. 89015 Date 2-20-89 By RJC

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III. EXISTING Drop Inlet Analysis to A.P. 2201.
(See FEMA MAP, Panel 17 following)
Σ 6.1 AC. Sub. basin)

Note: OFF-site flows that do not enter existing drop inlets located in San Mateo WILL then flow South to McLeod, A.P. 2301

→ det. Run-off, total, to drop inlets, Area = 6.1 AC ±
assume C = 0.80
Q_{100} = 23 c.f.s. to San Mateo
i_{100} = 4.65 in/hr.
where P_{100} = 2.2 in.

then per 22.3 D-4, D-5, following

1- Single 'C', d_{100} = 0.72' @ S = 0.3% ⇒ $Q_{cap.}$ = 9 c.f.s.

1- Single 'C', d_{100} = 0.61' @ S = 0.3% ⇒ $Q_{cap.}$ = 7 c.f.s.

1- Single 'C', d_{100} = 0.49' @ S = 0.3% ⇒ $Q_{cap.}$ = 4 cfs.

Σ = 20 cfs.

Therefore 23
−20
3 c.f.s. will "pass over" inlets and drain to A.P. #2301 (McLeod inters).

Result: then comparing peak times of concentration of the overall basin & sub. basin the increase of Q peak is determined to be insignificant

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(505) 881-2759

Project Sunshine Buick

Subject Hydrology - Downstream Analysis

Project No. 89015 Date 2-21-89 By RJC

☐ Memorandum
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IV. Check Capacity of 24" STORM DRAIN that Flows NORTH IN SAN Mateo, per Manning's Eq.

RCP, use $n = 0.013$ $S = 0.009$ ft/ft

$Q_{cap} = 21.46$ cfs > 20 cfs ok.

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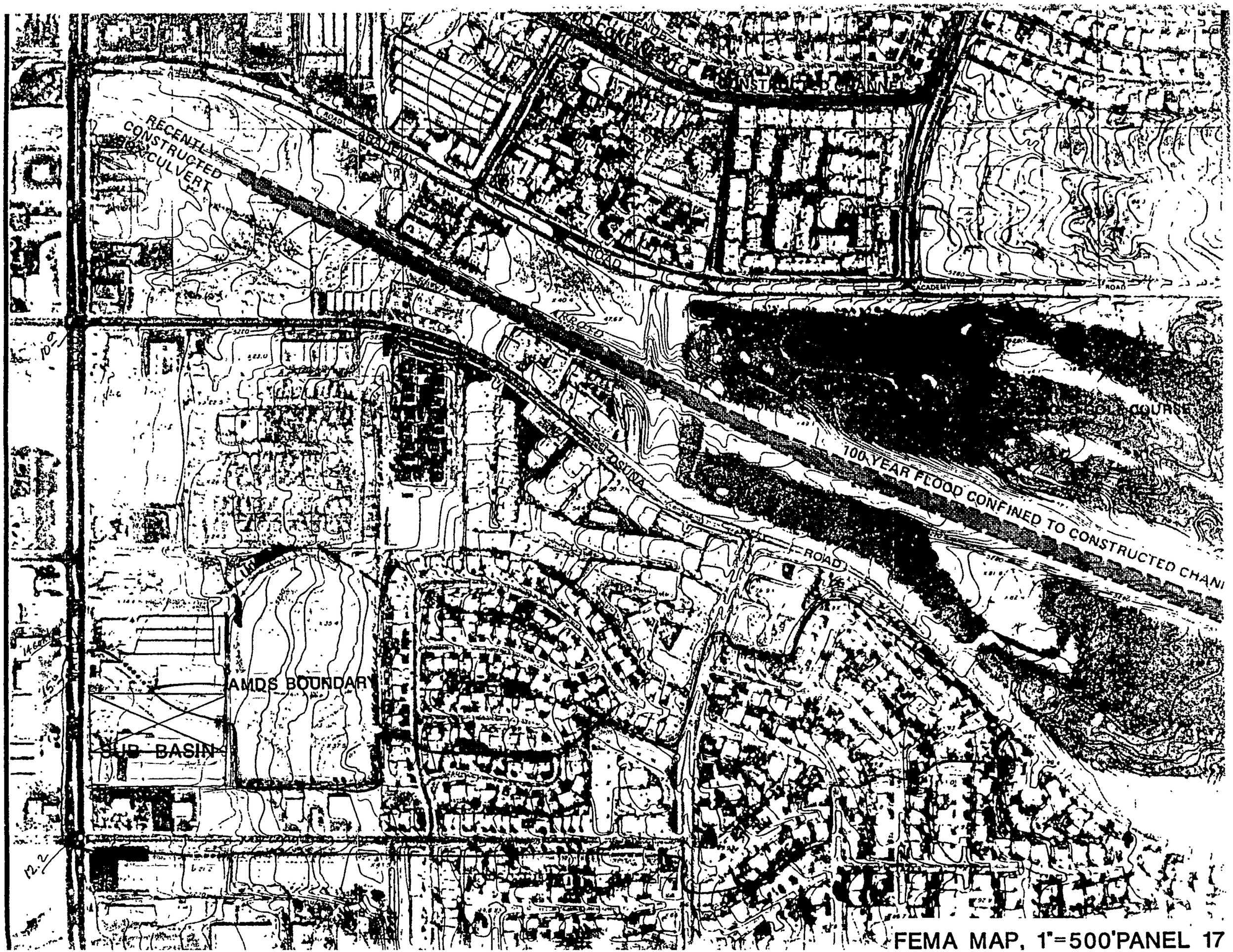
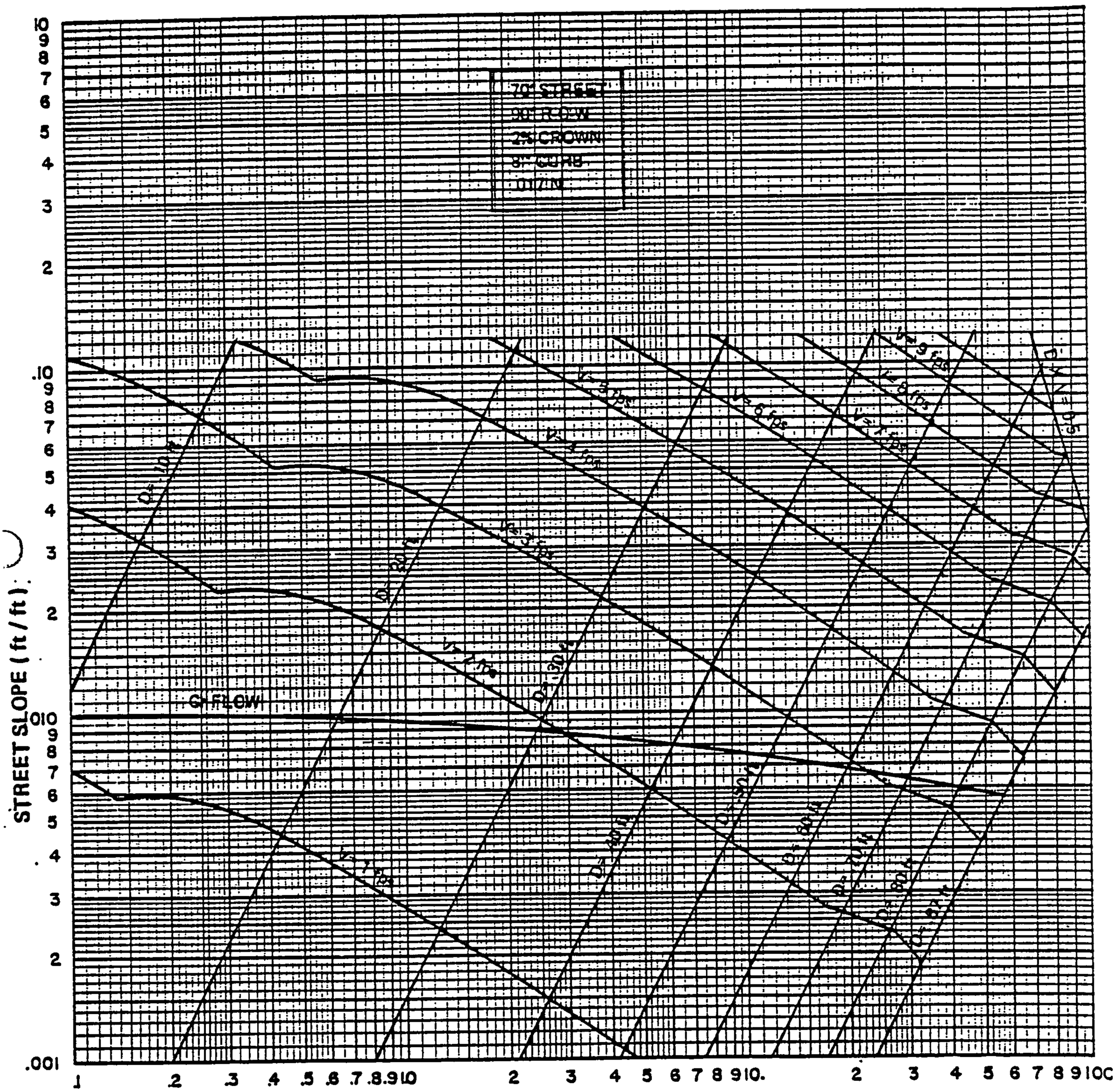


FEMA MAP, 1"=500'PANEL 17

STREET CAPACITY

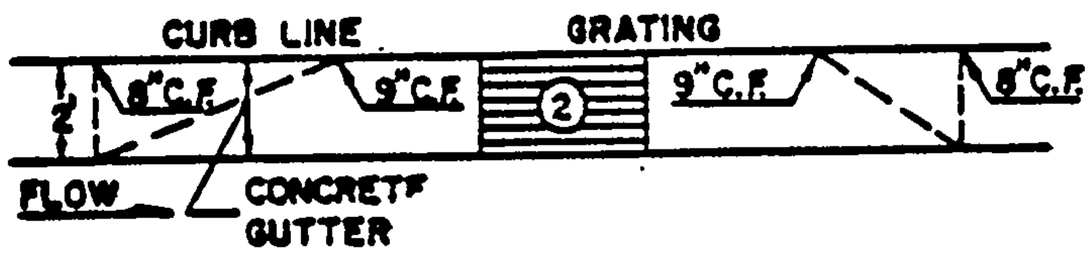
(SAN MATEO BLVD., N.E.)



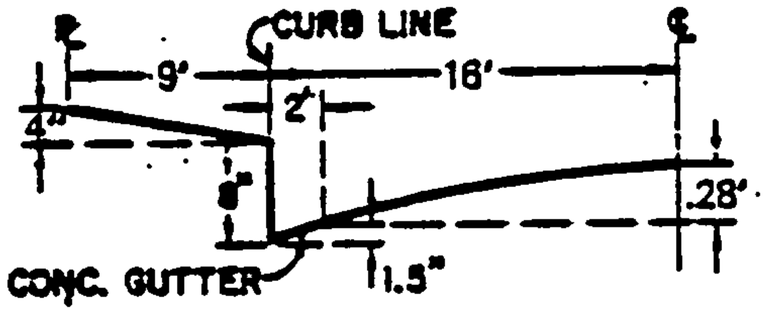
REV. 3-83

PLATE 22.3 D-4

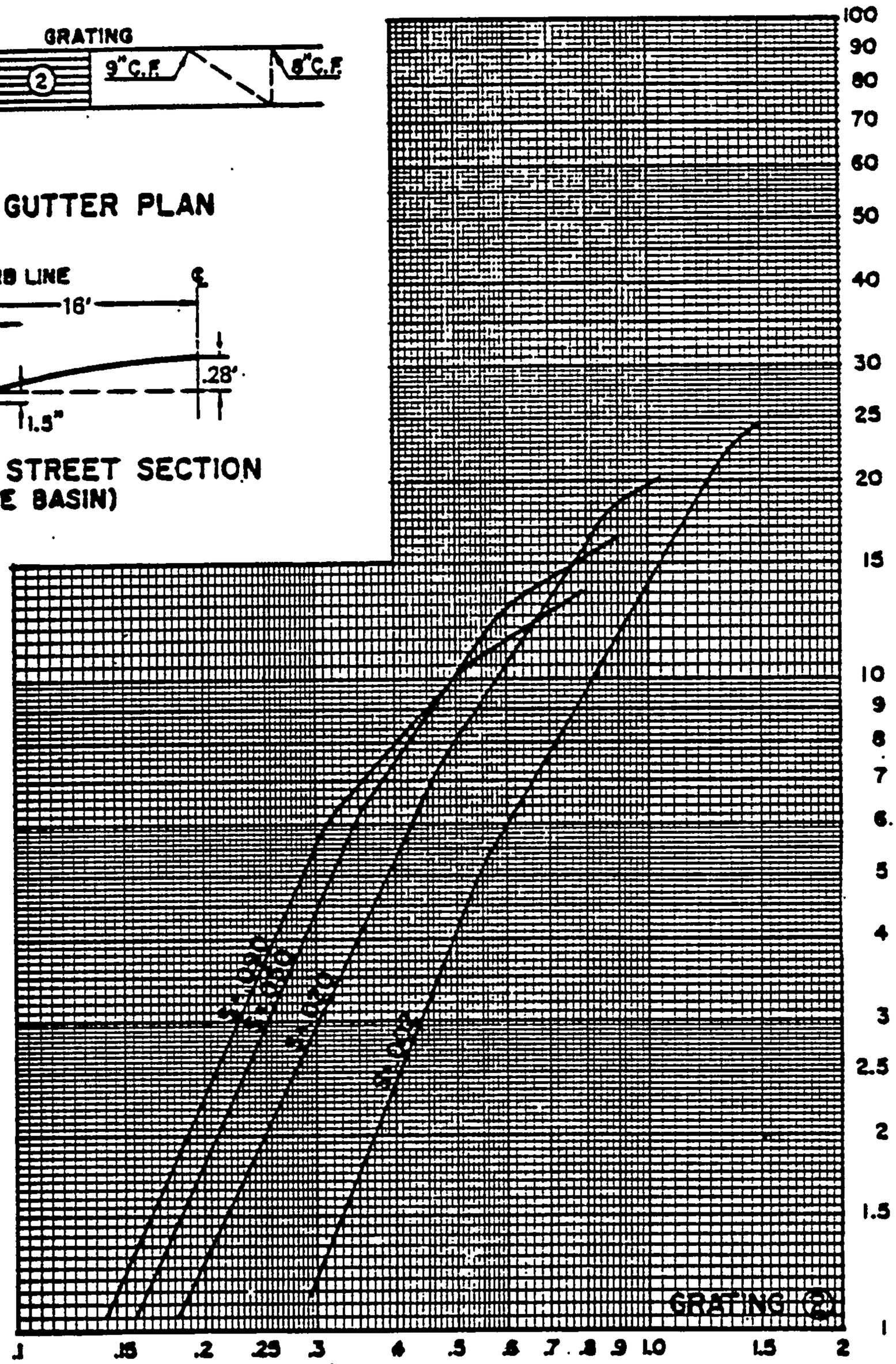
GRATING CAPACITIES FOR TYPE "A", "C" and "D"



GRATING & GUTTER PLAN



TYPICAL HALF STREET SECTION
(ABOVE BASIN)



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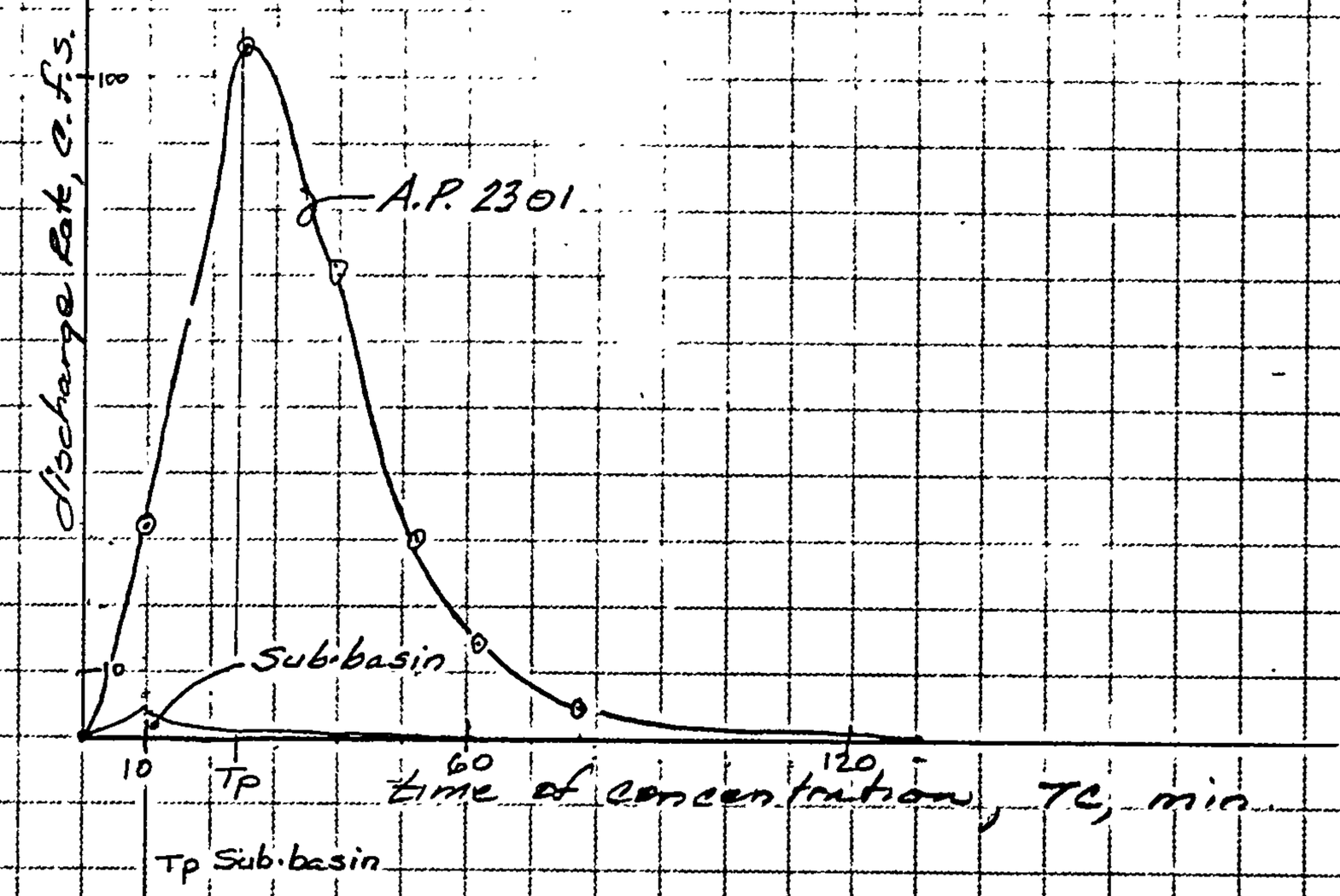

Hydrograph for A.P. 2301*

* See Albuq. Master Drainage Study, F-18

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HYDROGRAPH COMPUTATION WORKSHEET

DATE 2-19-89
COMPUTED BY [illegible]
CHECK BY

PROJECT Sunshine Buick

LOCATION McLeod/San Mateo

ANALYSIS POINT # 2301

(DR. AREA) A = 51 ± ACRES

T_c 26 MIN

POINT RAINFALL ____ IN. FROM PLATE 22.2 D-1

CN = _____ FROM PLATES 22.2 C-2, 22.2 C-3

RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4

COMPUTED T_p = 26 MIN. $T_p = T_c$
(Rounded to even minute)

$q_p = \frac{45.4A}{T_p}$ = _____ CFS./INCH OF RUNOFF

$(R \times q_p) = Q_{peak}$ = _____ CFS

$t(\text{COLUMN}) = (t/T_p)$ $t = T_p(t/T_p)$

$y = \frac{Q}{Q_{peak}}$ $Q = y(Q_{peak})$

	(t/T_p)	t (min.)	y	Q (cfs)
1	0	0	0	0
2	.1		.03	
3	.2		.10	
4	.3		.190	
5	.4	10	.310	32
6	.5	13	.470	
7	.6		.660	
8	.7		.820	
9	.8		.930	
10	.9		.990	
11	1.0	26	1.00	106
12	1.1		.990	
13	1.2		.930	
14	1.3		.860	
15	1.4		.780	
16	1.5	39	.680	72
17	1.6		.560	
18	1.7		.460	
19	1.8		.390	
20	1.9		.330	
21	2.0	52	.280	30
22	2.2		.207	
23	2.4	62	.147	16
24	2.6	68	.107	
25	2.8		.077	
26	3.0	78	.055	
27	3.2		.040	
28	3.4		.029	
29	3.6		.021	
30	3.8		.015	
31	4.0	104	.011	
32	4.5		.005	
33	5.0	130	.000	

PLATE 22.2 F-1

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 20, 1990

Steve Crawford
BPLW Engineers and Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: ENGINEER'S CERTIFICATION FOR SUNSHINE BUICK, PHASE II
(F-18/D12A) CERTIFICATION STATEMENT DATED MARCH 12, 1990

Dear Mr. Crawford:

Based on the information provided on your submittal of March 13, 1990, the referenced certification is acceptable.

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

Cordially,

for Bernie J. Montoya
Fred J. Aguirre, P.E.
Hydrologist

FJA/bsj
(WP+1031)

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

KEN SCHULTZ
MAYOR

November 16, 1989

Philip W. Clark
BPLW Engineers/Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: ENGINEER'S CERTIFICATION FOR SUNSHINE BUICK, PHASE I
(F-18/D12A) CERTIFICATION STATEMENT DATED NOVEMBER 15, 1989

Dear Mr. Clark

Based on the information provided on your submittal of November 15, 1989, Certification for the referenced plan is acceptable.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+1031)

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

KEN SCHULTZ
MAYOR

October 23, 1989

Philip W. Clark
BPLW Engineers/Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: GRADING/PAVING PLAN FOR TRACT J-2 PHASE II OF SUNSHINE AUTO DEALERSHIP (F-18/D12A) ENGINEERS STAMP DATED SEPTEMBER 29, 1989

Dear Mr. Clark

Based on the information provided on your submittal of October 10, 1989, the above referenced plan is approved for Site Development and Grading/Paving Permit.

Please be advised that Engineer's Certification will be required for both Phase I & II prior to Certificate of Occupancy release.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

xc: Larry Caudill

BJM/bsj
(WP+1031)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

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City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

KEN SCHULTZ
MAYOR

CLARENCE V. LITHGOW
CHIEF
ADMINISTRATIVE OFFICER

DAN WEAKS
DEPUTY CAO
PUBLIC SERVICES

FRED E. MONDRAGON
DEPUTY CAO
DEVELOPMENT & ENTERPRISE SERVICES

April 21, 1989

Philip W. Clark
BPLW Engineers/Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR SUNSHINE BUICK
(F-18/D12) ENGINEER'S STAMP DATED APRIL 12, 1989

Dear Mr. Clark

Based on the information provided on your resubmittal of April 13, 1989, 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 further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+1031)

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

KEN SCHULTZ
MAYOR

CLARENCE V. LITHGOW
CHIEF
ADMINISTRATIVE OFFICER

DAN WEAKS
DEPUTY CAO
PUBLIC SERVICES

FRED E. MONDRAGON
DEPUTY CAO
DEVELOPMENT & ENTERPRISE SERVICES

March 1, 1989

Vincent Meyer
BPLW Engineers/Architects
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: CONCEPTUAL DRAINAGE PLAN FOR SUNSHINE BUICK
(F-18/D12) ENGINEER'S STAMP DATED FEBRUARY 22, 1989

Dear Mr. Meyer:

Based on the information provided on your submittal of February 22, 1989, the referenced drainage plan is approved for Site Development.

Please be advised that prior to Building Permit release, we will need the following information.

1. Locations, description and elevation of the:

   a. Albuquerque Control Survey Vertical datum used,
   b. Temporary benchmark on site.

2. Location and direction of roof drains.

3. Spot elevations on your proposed perimeter curb.

4. How do you propose to control the erosion during construction?

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+1031)

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Sunshine Buick ZONE ATLAS/DRNG. FILE #: F-18/D12A

DRB #: Z-89-28 ~~Z-89-28-1~~ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT J-1-A Camptown Addition within Section 36, T.11N, R.3E NM

CITY ADDRESS: _____

ENGINEERING FIRM: BPLW A&E CONTACT: Guy Jackson

ADDRESS: 2400 Louisiana BLVD PHONE: 881-2759

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: BPLW A&E CONTACT: Maureen Walter

ADDRESS: 2400 Louisiana NE PHONE: 881-2759

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

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)

RECEIVED
DEC 21 1993
HYDROLOGY DIVISION

DATE SUBMITTED: 12/21/93

BY: Guy Jackson