

H11/D39

**DRAINAGE REPORT
QUAIL & COORS
QUAIL ROAD N.W. & COORS ROAD N.W.
CITY OF ALBUQUERQUE, NEW MEXICO**

DECEMBER, 1991

REVISED FEBRUARY, 1992

Prepared For:

**Diamond Shamrock Inc.
9702 Brockbank
Dallas, TX 75220
(214) 357-7386
Attn: Jim Reed**

Prepared By:

**Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, CO 80014
(303) 745-7448
Attn: David L. Jones**

MAR 4 1992

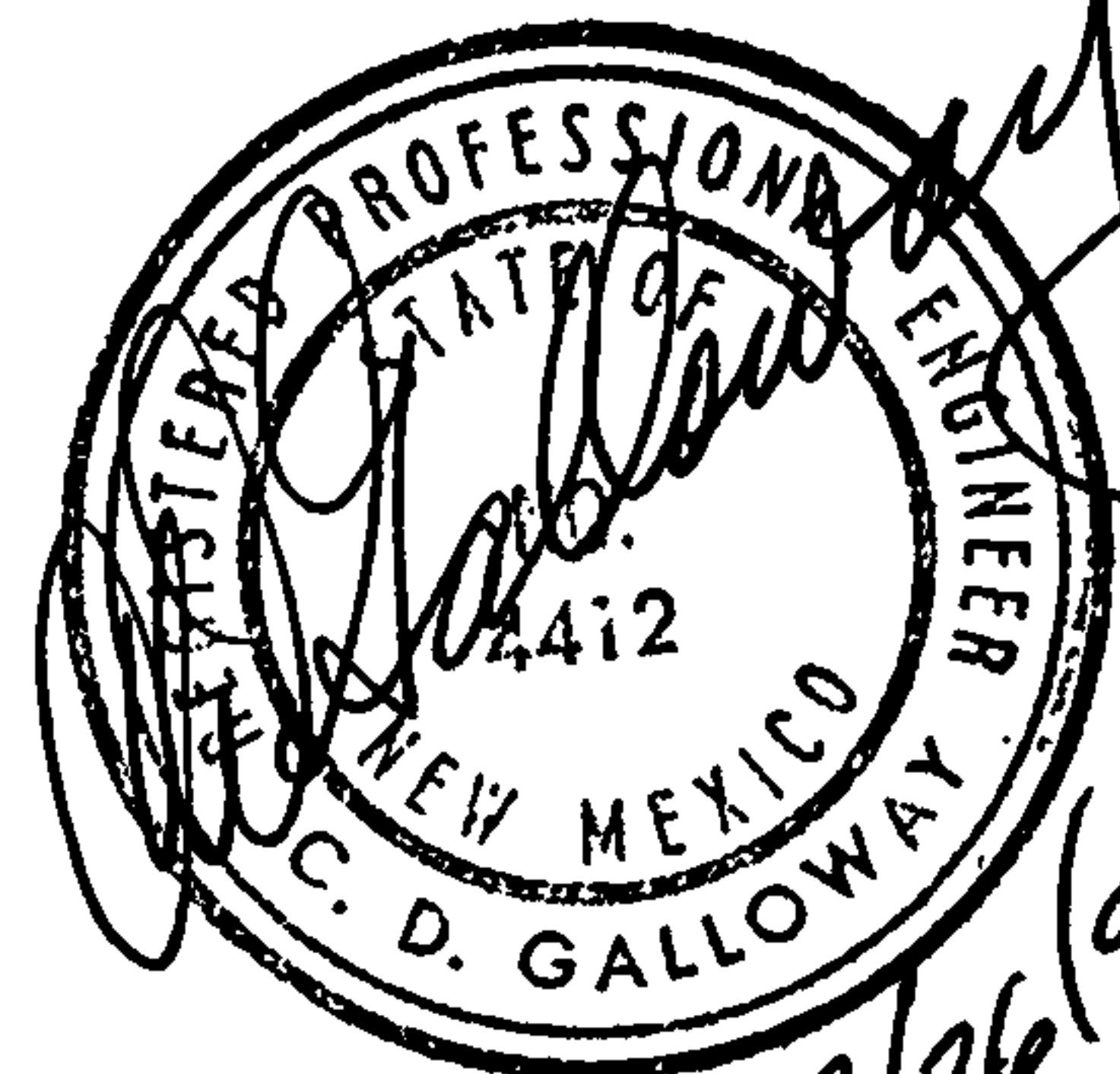


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Introduction

This report is being prepared for Diamond Shamrock Inc., the developer of the site, to fulfill the drainage requirements of Albuquerque, New Mexico. The report analyzes offsite and onsite runoff from the minor (10 year frequency) and major (100 year frequency) storms and routes these flows through the site.

The 1.074 acre site is part of the Northwest 1/4 of Section 11, Township 10 North, Range 2 East of the New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico. The site is bounded by Quail Road N.W. on the north, by Coors Road N.W. on the east, and by vacant property to the south and west. The site is currently platted as Tract A-24-1, Redivision Plat comprising Tracts A-22-1, A-22-2, A-23-1, A-23-2, A-24-1, A-24-2, Northeast Unit Town of Atrisco Grant.

The site is currently undeveloped. The ground slopes downward from west to east at a slope of about 1 percent.

Design Criteria

This report was prepared using criteria as outlined in the City of Albuquerque's Development Process Manual, Chapter 22, "Drainage, Flood Control and Erosion Control".

Runoff for the minor and major storms, 10 and 100 year frequency, respectively, was calculated using the rational method. Times of concentration, upland method, was calculated for the individual basins. Because the hydraulic lengths are short, all times were small and a minimum time of 10 minutes was used. Rainfall intensity values were taken from the 6-hour/100 year frequency chart and were adjusted by the appropriate factors for storm reduction and dimensionless rainfall.

Runoff calculations and applicable charts and graphs are included in the appendix of this report.

Existing Drainage

The existing site is divided into two drainage Basins A and B. Basin A is a 0.144 acre basin at the westerly end of the site that consists of undeveloped land. The 10 and 100 year runoff of 0.15 and 0.23 cfs, respectively, is largely unconcentrated and exits the site along the west and south property lines.

Basin B is a 0.930 acre basin consisting of undeveloped land on the easterly end of the site. The 10 and 100 year runoff of 1.00 and 1.52 cfs, respectively, is largely unconcentrated and exits the site to the Coors Road and Quail Road rights-of-way and to the south onto adjacent property.

Developed Drainage

General Concept

One foot high water blocks have been provided along all street frontages per the City of Albuquerque's requirements. The high point of the developed site is the finished floor of the car wash. The majority of the sites runoff freely discharging onto the adjacent sites to the west and south has been reduced.

Specific Details

The site is divided into five drainage Basins, A through E. Basin A is a 0.239 acre basin along the western portion of the site that consists of landscaped areas. The 10 and 100 year runoff is 0.25 and 0.38 cfs, respectively. The runoff is unconcentrated and flows westerly and southerly onto adjacent property.

Basin B is a 0.087 acre basin consisting of landscaped and paved areas in the northwest corner of the site. Runoff of 0.14 and 0.21 cfs for the 10 and 100 year storm, respectively, flows northerly to the Quail Road right-of-way. All flow from the paved area exits through the curb cut.

Basin C is a 0.086 acre landscaped area along the northern and eastern site perimeter. The 10 and 100 year runoff is 0.09 and 0.14 cfs, respectively. Runoff is unconcentrated and flows to the Quail Road and Coors Road rights-of-way.

Basin D is a 0.042 acre basin consisting of paved area in the southeast corner of the site. The runoff of 0.11 and 0.17 cfs for the 10 and 100 year storms, respectively, flows out the curb cut to the Coors Road right-of-way.

Basin E is a 0.609 acre basin in the center of the site consisting of paved areas, and convenience store, car wash, and canopy rooftops. Runoff of 1.73 and 2.63 cfs for the 10 and 100 year storms, respectively, flows to the northeast corner of the site. The flow enters the onsite catch basin and flows to the existing storm system in Quail Road via a 12" diameter PVC storm sewer sloped at 0.34%.

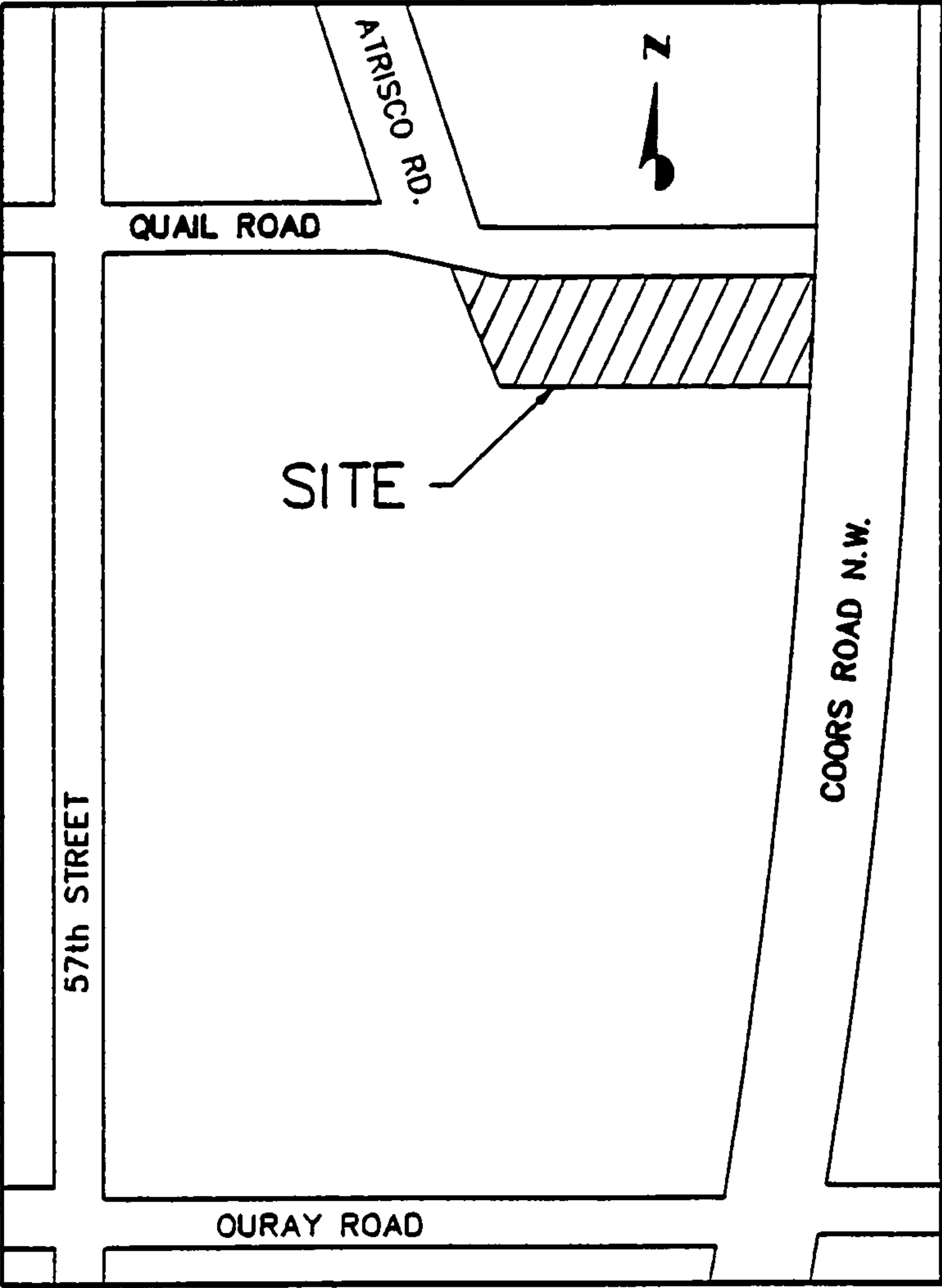
Calculations for basin areas and flows and for inlet and pipe capacities are included in the appendix of the report.

Conclusion

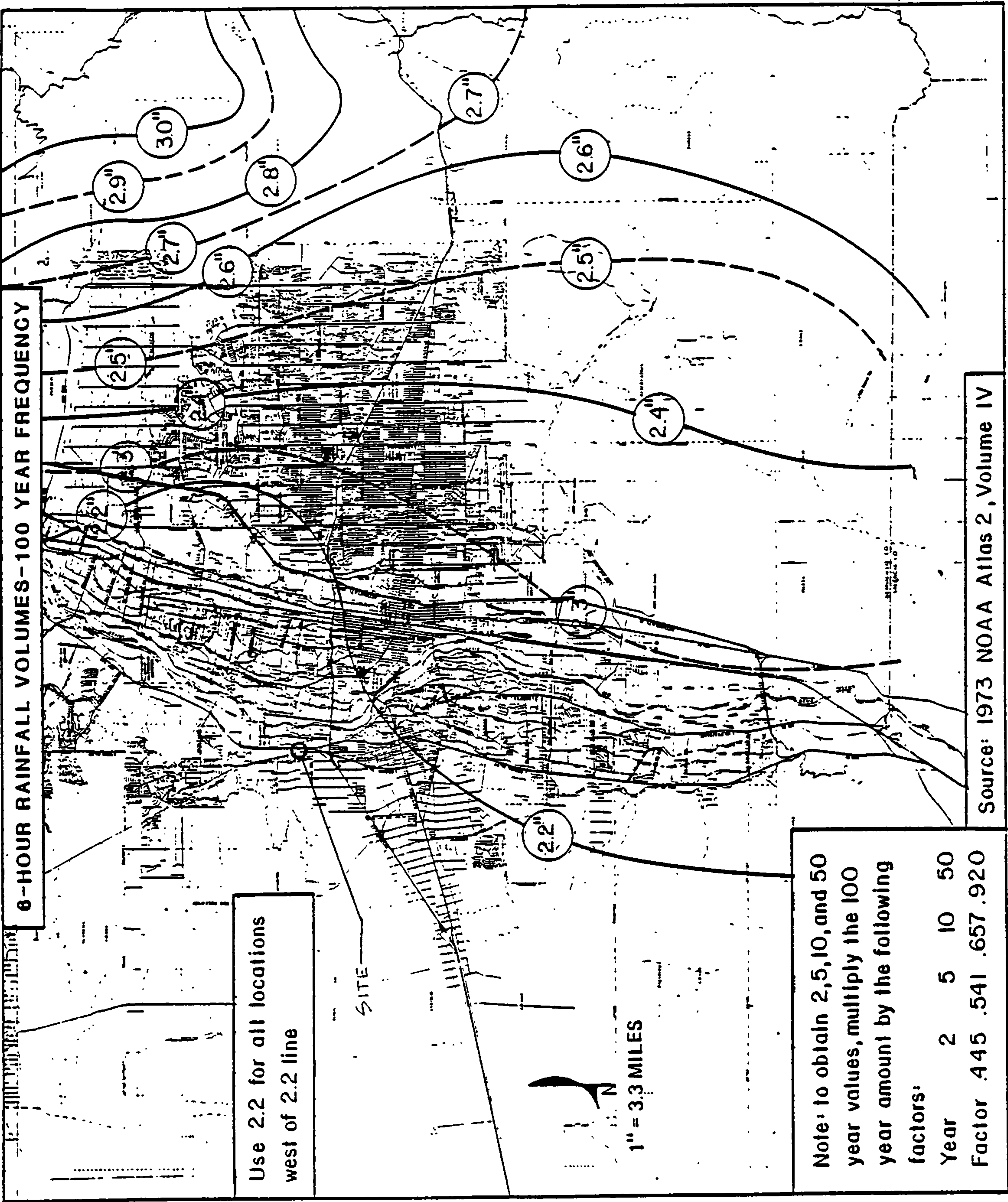
The drainage report and accompanying plan have been prepared under the criteria set forth in the City of Albuquerque's Development Process Manual's Chapter of "Drainage, Flood Control and Erosion Control". Runoff from the minor and major storms are safely conveyed across and through the site. A one foot water block has been provided on all sides of the site that are adjacent to public right-of-way. Runoff that discharged onto the adjacent property has been reduced.

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Appendix

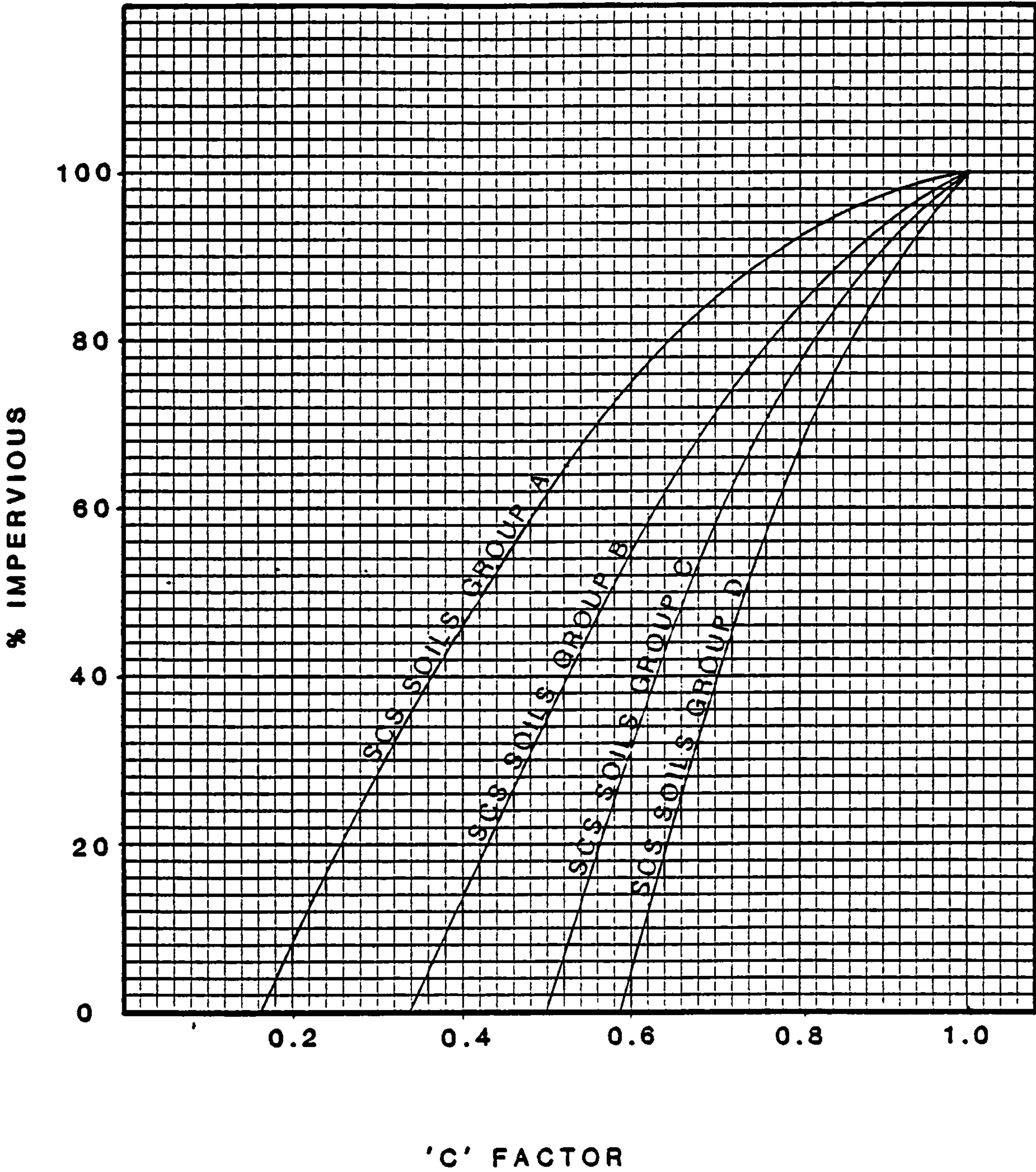


VICINITY MAP
N.T.S.

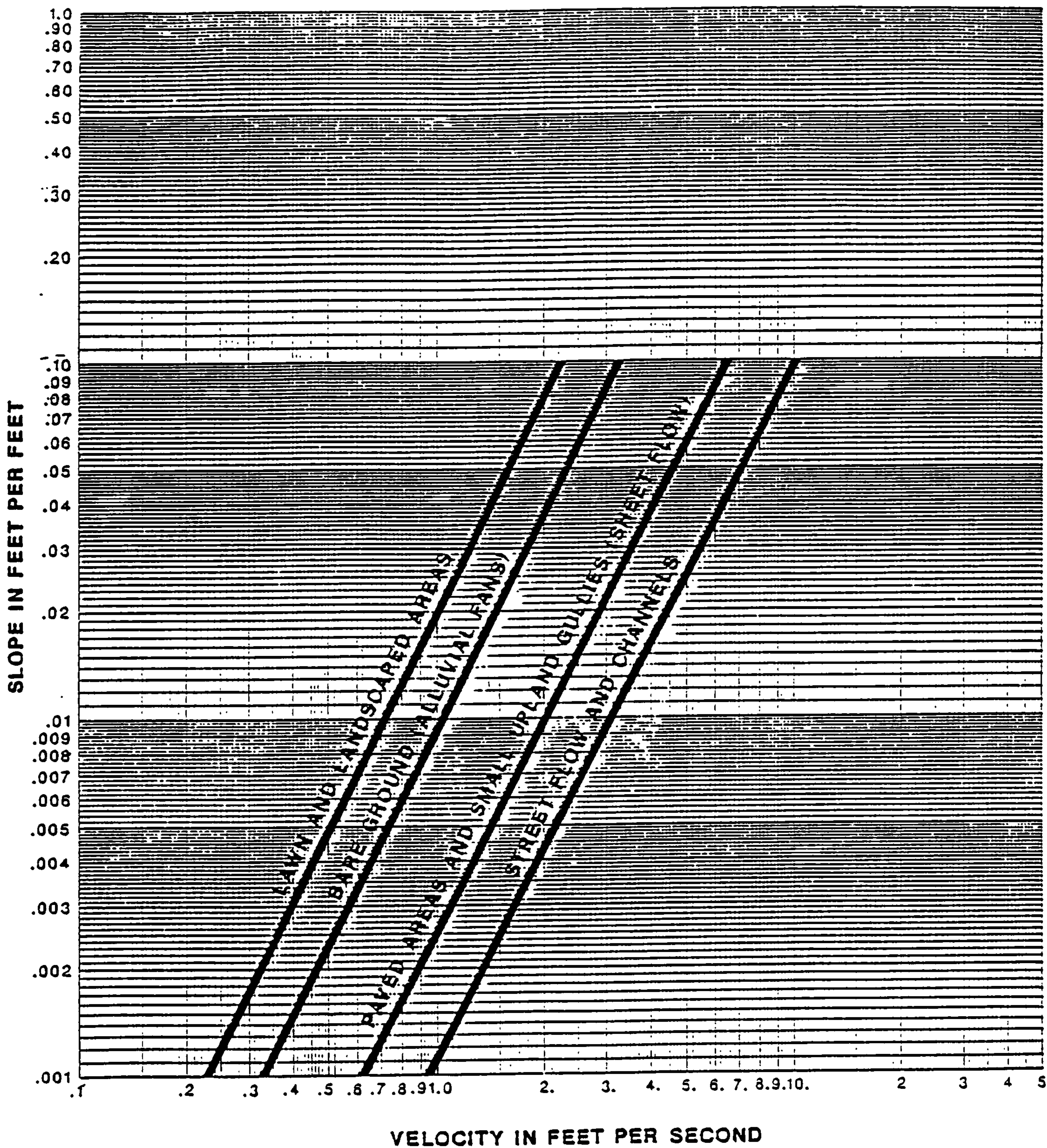


DRAINAGE CRITERIA

DETERMINATION OF RATIONAL FORMULA 'C' FACTOR



SCS SOILS GROUP B
SEE SOILS REPORT NO 3221K101
BY WESTERN TECHNOLOGIES, INC.



VELOCITIES FOR UPLAND METHOD OF ESTIMATING T_c

Plate 22.2 B-1

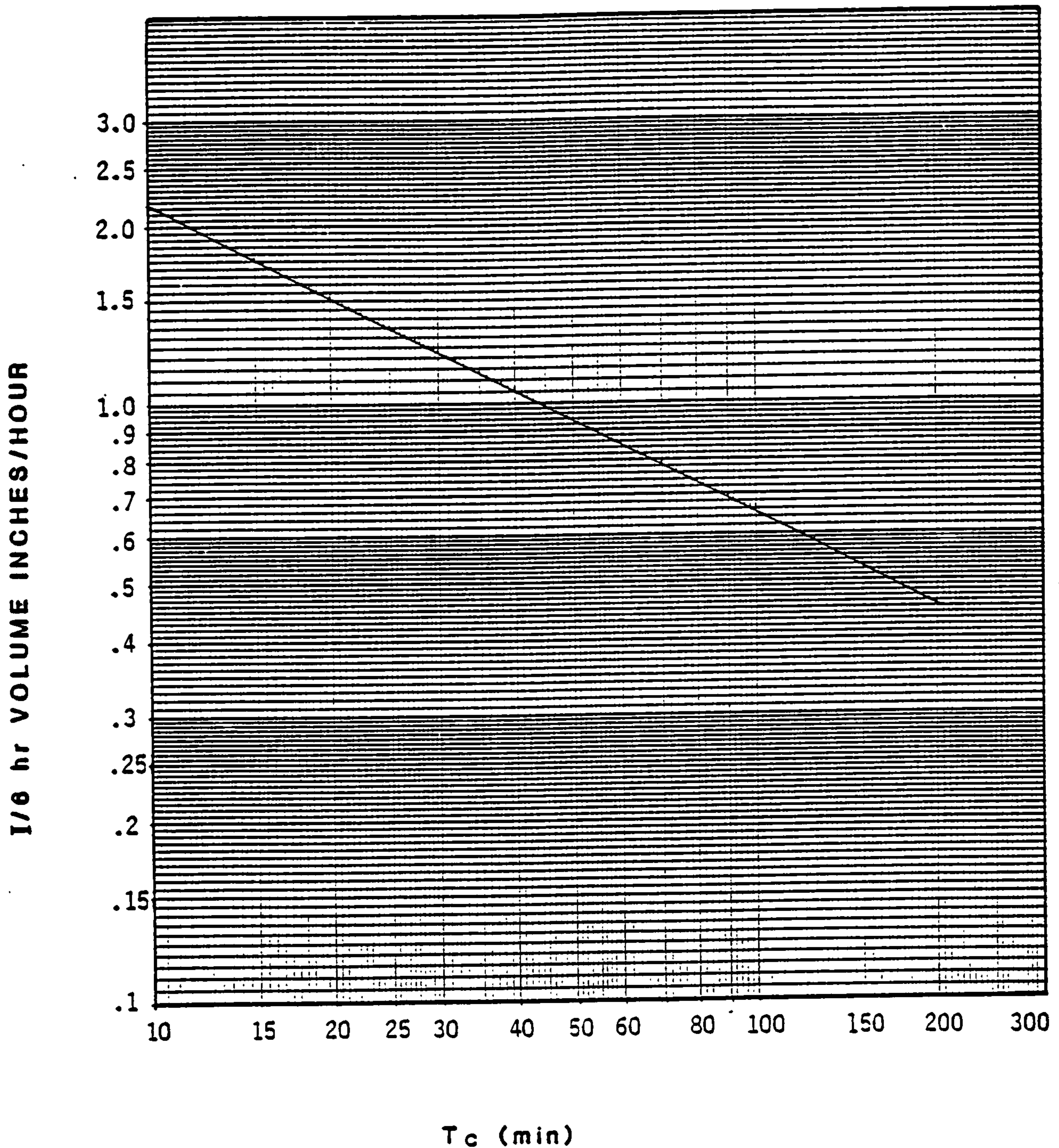
5/88

REF. SCS NEH-4

A 4

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.

PERCENT IMPERVIOUS FOR EXISTING BASINS

BASIN	OVERALL AREA (SF)	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	PERCENT IMPERVIOUS
A	6250	0	6250	0.0
B	40532	900	39632	2.2

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE
MADE IN U.S.A.



PERCENT IMPERVIOUS FOR DEVELOPED BASINS

BASIN	OVERALL AREA (SF)	PAVED AREA (SF)	ROOF AREA (SF)	LANDSCAPED AREA (SF)	PERCENT IMPERVIOUS
A	10424	0	0	10424	0
B	3804	1384	0	2420	36.4
C	3740	0	0	3740	0
D	1808	1600	0	208	88.5
E	26534	17597	7501	1908	94.6

$$\% \text{ IMPERVIOUS} = \frac{\text{PAVED AREA} + \text{ROOF AREA}}{\text{OVERALL AREA}} (100\%)$$

SUBDI II
 LOCAT SWK COOKS & QUAIL
 DESIGN STORM 10 YR RECURRENT INTERVAL.
 COMPUTATIONS BY DW DATE 12-91
 SUBMITTED BY _____ DATE _____
 (Engineering Firm)

STORM DRAIN SPECIFICATIONS



Galloway, Romero & Aiales

Design Engineering Planning

14207 East Evans Avenue
Aurora, Colorado 80014
(303) 745 7448
(303) 745 7480 fax

PAGE _____ OF _____

RUNOFF COMPUTATIONS (Rational Method)

[illegible]

^a These values must be substantiated with additional computations or use of appropriate charts, etc.

August, 1969

10 YEAR EXISTING

Form 90 1-3

LOCATI WIC COORS & QUAIL
DESIGN 5.000 100 YR RECURRENCE INTERVAL.
COMPUTATIONS BY DLJ DATE 12-91
SUBMITTED BY _____ DATE _____
(Engineering Firm)

RUNOFF COMPUTATIONS (Rational Method)



Design Engineering Planning

14202 East Evans Avenue
Aurora, Colorado 80014
(303) 745 7448
(303) 745 7480 fax

PAGE OF

[illegible]

^a These values must be substantiated with additional computations or use of appropriate charts, etc.

August, 1969

100 YEAR EXISTING

Form 90 1-3

SUBDIV II
LOCATI 201C COOKS # QUAIL
DESIGN STORM 10 YR RECURRENCE INTERVAL
COMPUTATIONS BY DLJ DATE 12-91
SUBMITTED BY _____ DATE _____
(Engineering Firm)

STORM DRAIN SPECIFICATIONS

Galloway, Romero & Associates
Design Engineering Planning



14202 East Evans Avenue
Aurora, Colorado 80014
(303) 745 7448
(303) 745-7480 fax

PAGE 02 OF 02

RUNOFF COMPUTATIONS
(Rational Method)

Design Point	Area Designation	A (Acres)	C	A _{0.2}	I A _{0.2}	t ₀ (min)	I (in/hr)	Q ₀ (EAF _{0.2}) _{0.1} cfs	Slope (S)	Length L (feet)	VEL ² V (fps)	t ₁ (min)	Remarks
	A	0.239	0.34	0.081		10.0	3.12	0.25	1.57	70	0.9	1.3	USE 10.0 MINUTES
	B	0.087	0.51	0.044		10.0	3.12	0.14	2.40	50	1.1	0.8	USE 10.0 MINUTES
	C	0.086	0.34	0.029		10.0	3.12	0.09	2.07	15	1.0	0.3	USE 10.0 MINUTES
	D	0.042	0.845	0.035		10.0	3.12	0.11	1.38	100	0.85	2.0	USE 10.0 MINUTES
	E	0.609	0.91	0.534		10.0	3.12	1.73	0.94	320	1.9	2.8	USE 10.0 MINUTES

* These values must be substantiated with additional computations or use of appropriate charts, etc.

SUBDIV II
 LOCATI W. COORS & QUAIL
 DESIGN STORM 100 YR RECURRENCE INTERVAL
 COMPUTATIONS BY DLJ DATE 12-91
 SUBMITTED BY _____ DATE _____
 (Engineering Firm)

STORM DRAINAGE SPECIFICATIONS



Galloway, Romero & Associates, Inc.
 Design Engineering Planning

RUNOFF COMPUTATIONS (Rational Method)

14202 East Evans Avenue
 Aurora, Colorado 80014
 (303) 745-7448
 (303) 745-7480 fax

PAGE _____ OF _____

Design Point	Area Designation	A (Acres)	c	A · c	I A · c	t _e (min)	I (in/hr)	Q _s (I A · c) · t _e	Slope (S)	Length L (feet)	VEL ^a V (fps)	t _f (min)	Remarks
	A	0.239	0.34	0.081		10.0	4.75	0.38					T _c FROM 10 YEAR STORM
	B	0.087	0.91	0.044		10.0	4.75	0.21					
	C	0.086	0.34	0.029		10.0	4.75	0.14					
	D	0.042	0.845	0.035		10.0	4.75	0.17					
	E	0.609	0.91	0.554		10.0	4.75	2.63					

^a These values must be substantiated with additional computations or use of appropriate charts, etc.

August, 1989

100 YEAR DEVELOPED Form 3D 1-3

A.11

CATCH BASIN AND OUTFALL PIPE CALCULATIONS

$$V = CF + 0.5 + 1.2 \frac{V^2}{2g} + \frac{d}{\cos S}$$

V = DEPTH OF BASIN (INVERT TO TOP OF CURB)
 CF = VERTICAL CURB FACE (FEET)
 V = VELOCITY IN PIPE (FPS)
 d = DIAMETER OF PIPE (FEET)
 S = SLOPE OF PIPE
 ASSUME $\cos S = 1$

$$V = 0.5 + 0.5 + \frac{1.2 (3.4)^2}{2 (32.2)} + 1.0$$

$V = 2.22$ FEET MINIMUM FROM PIPE INVERT TO TOP OF CURB

PIPE SIZING

$$Q = 2.63 \text{ CFS} = 1180 \text{ GPM}$$

$$d = 12 \text{ INCHES}$$

USING FOLLOWING CHART FOR PVC PIPE:

$$n = 0.010$$

$$\therefore \text{SLOPE} = 0.34 \%$$

$$\text{VELOCITY} = 3.4 \text{ FPS}$$

AT 2.63 CFS IN 12" ϕ PVC PIPE

MANNING FORMULA PIPE FLOW CHART

English/Metric Units

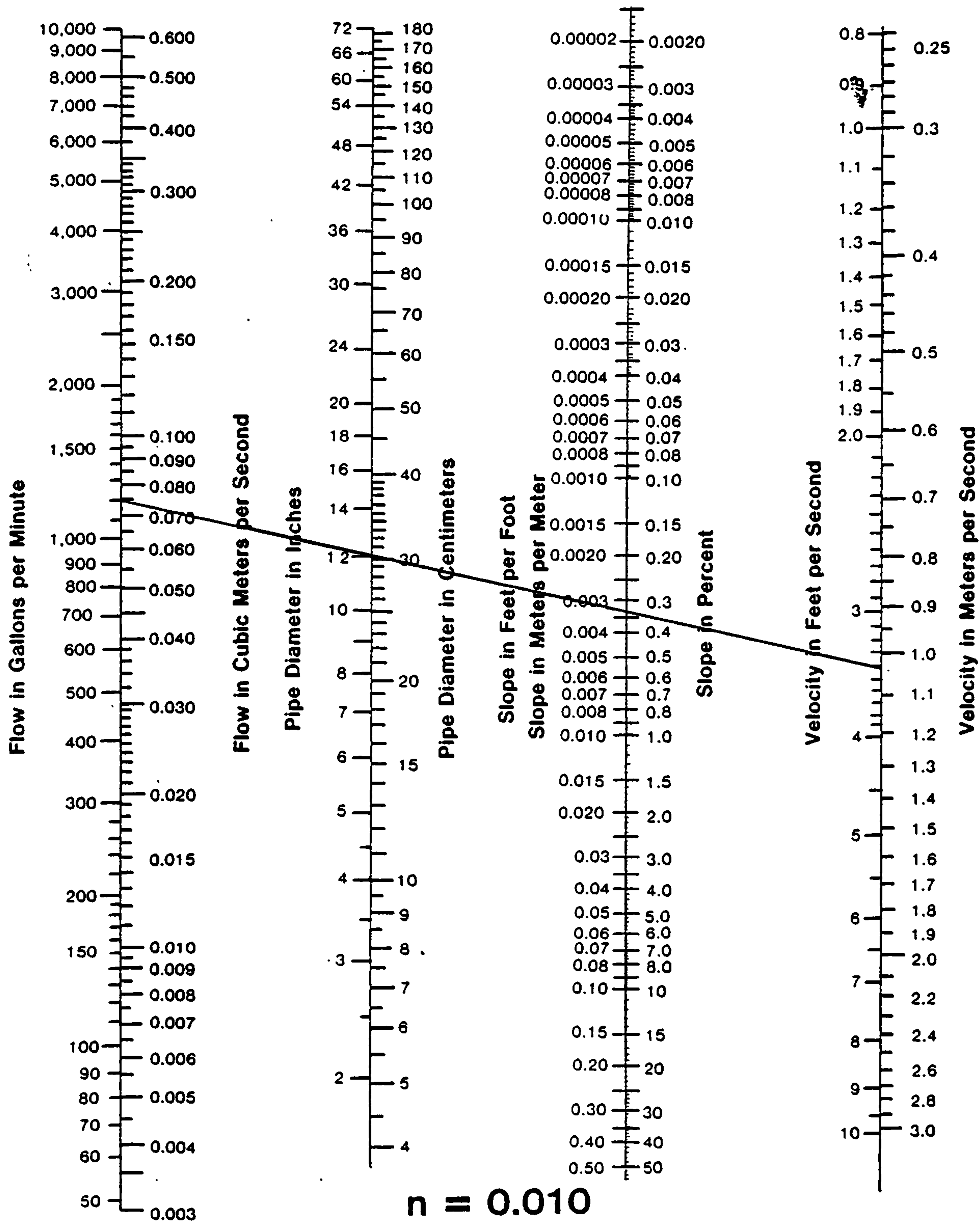


Chart based on the formula $Q = \frac{1.486}{n} \times AR^{\frac{2}{3}} \times S^{\frac{1}{2}}$ for pipe flowing full..



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 3, 1992

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: REVISED DRAINAGE PLAN FOR DIAMOND SHAMROCK, INC. @ COORS &
QUAIL, NW (H-11/D39) REVISION DATED MAY 12, 1992

Dear Mr. Galloway:

Based on the information provided on your submittal of May 14, 1992, 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.

Please be advised that a separate permit is required for construction within City right-of-way. A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to release of building permit and Certificate of Occupancy, the following concerns must be satisfied:

1. Concurrence from property owner to the south for work within their property for building permit release.
2. Engineer's Certification per the DPM Checklist 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, C.E.
Engineering Assistant

xc: Alan Martinez
Darlene Saavedra

BJM/bsj
(WP+3163)

MAY 24 1993

PUBLIC WORKS DEPARTMENT



Galloway, Romero & Associates

Design Engineering Planning

14202 East Evans Avenue
Aurora, Colorado 80014
(303) 745-7448
(303) 745-7480 Fax

DATE MAY 21, 93

PROJECT DIAMOND SHAMROCK

LOCATION COORS & QUAIL

ATTENTION BERNIE MONTOYA

RE:

To:

CITY OF ALBUQUERQUE
HYDROLOGY SECTION

WE ARE SENDING YOU: ☒ HEREWITH ☐ DELIVERED BY HAND ☒ OVERNIGHT

☐ VIA _____

THE FOLLOWING ITEMS: ☒ PRINTS ☒ MYLARS ☒ PHOTOCOPIES ☒ COPY OF LETTER ☐ SPECIFICATIONS

☐ _____

COPIES	DATE OR NO.	DESCRIPTION
1	1	MYLAR OF AS BUILT GRADING & DRAINAGE
2	2	BLUELINES OF GRADING & DRAINAGE
1 SET		DRAINAGE INFORMATION SHEET
1	1	APPROVAL LETTER FROM CITY

THESE ARE TRANSMITTED AS INDICATED BELOW

☐ FOR YOUR USE ☐ AS REQUESTED ☐ FOR REVIEW AND COMMENT ☒ FOR APPROVAL

☐ APPROVED AS NOTED ☐ RETURNED FOR CORRECTIONS ☐ _____

REMARKS:

MAY 24 1993

COPIES TO: JIM REED W/DIAMOND SHAMROCK

SIGNED: [Signature]



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 30, 1993

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: REVISED DRAINAGE PLAN FOR DIAMOND SHAMROCK @ COORS & QUAIL RD NW,
STORE NO. 1219 (H11-D39) REVISION DATED 2/4/93.

Dear Mr. Galloway:

Based on the information provided on your March 29, 1993 resubmittal, the above referenced site is acceptable as revised.

Please be advised that prior to Certificate of Occupancy, the following must be submitted:

1. Engineer Certification per the D.P.M. Checklist.
2. Concurrence from C.O.A. Street Maintenance Department for the tie in into the rear of the existing catch basin.

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

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Assistant

BJM/d1/WPHYD/3136

xc: ~~File~~

PUBLIC WORKS DEPARTMENT

PROJECT TITLE: Quail & C's Cornerstore ZONE ATLAS/DR. FILE #: H-11/D39
DRS #: N/A EPC #: N/A WORK ORDER #: N/A
LEGAL DESCRIPTION: See Attached Legal Description
CITY ADDRESS: _____
ENGINEERING FIRM: Galloway, Romero & Associates CONTACT: Mr. Dave Galloway
14202 E. Evans Avenue PHONE: 303-745-7448
ADDRESS: Aurora, Colo. 80014
OWNER: Diamond Shamrock, Inc. CONTACT: Mr. Jim Reed
9702 Brockbank PHONE: 214-357-7386
ADDRESS: Dallas, Texas 75220
ARCHITECT: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: N/A CONTACT: MAR 29 1992
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

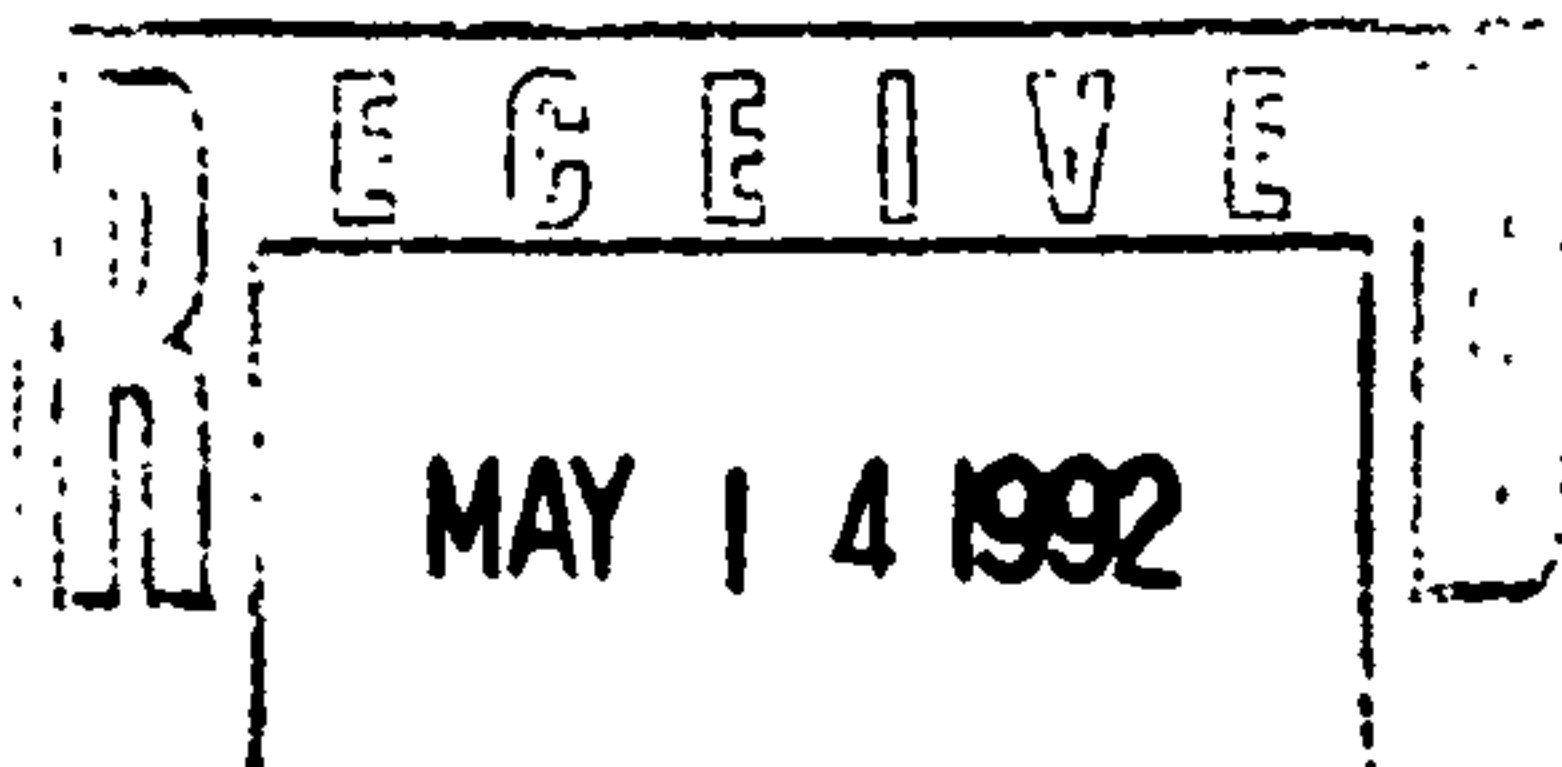
- ☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

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)



DATE SUBMITTED:

BY: W. C. C. C.



Galloway, Romero & Associates

Design Engineering Planning

14202 East Evans Avenue
Aurora, Colorado 80014
(303) 745-7448
(303) 745-7480 Fax

DATE MARCH 25, 93
PROJECT DIAMOND, SHAMPOCK
LOCATION COORS & QUAIL

ATTENTION BERNIE MONTROYA

RE:

To:

CITY OF ALBUQUERQUE
HYDROLOGY DIVISION

H-11 / D39

WE ARE SENDING YOU: ☒ HEREWITH ☐ DELIVERED BY HAND ☒ OVERNIGHT
☐ VIA _____

THE FOLLOWING ITEMS: ☐ PRINTS ☐ MYLARS ☐ PHOTOCOPIES ☐ COPY OF LETTER ☐ SPECIFICATIONS
☐ _____

COPIES	DATE OR NO.	DESCRIPTION
2 SETS		SITE & GRADING PLAN

THESE ARE TRANSMITTED AS INDICATED BELOW

☒ FOR YOUR USE ☒ AS REQUESTED ☐ FOR REVIEW AND COMMENT ☐ FOR APPROVAL
☐ APPROVED AS NOTED ☐ RETURNED FOR CORRECTIONS ☐ _____

REMARKS:

COPIES TO: _____

SIGNED: Jerry L. [Signature]

MAR 29 1993

1/8/92

H-11-D39

log off

verbal cmts on

3/11/92

Diamond Shamrock Coors & Quail, NW

FOR _____ DESCRIPTION _____

PREPARED BY _____ DATE _____ FILE _____

CHECKED BY _____ SHEET ____ of ____

ALBUQUERQUE PUBLIC WORKS DEPARTMENT



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 27, 1993

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: ENGINEER CERTIFICATION FOR DIAMOND SHAMROCK QUAIL & COORS CORNERSTONE
STORE #1219 (H11-D39) CERTIFICATION STATEMENT DATED 5/21/93.

Dear Mr. Galloway:

Based on the information provided on your May 24, 1993 submittal, Engineer
Certification for the above referenced site 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/d1/WPHYD/3163

xc: Alan Martinez

~~File~~

PUBLIC WORKS DEPARTMENT

PROJECT TITLE: Quail & Coors Cornerstore ZONE ATLAS/DRNG. FILE #: H-11/ D39DRB #: N/A EPC #: N/A WORK ORDER #: N/ALEGAL DESCRIPTION: See Attached Legal Description

CITY ADDRESS: _____

ENGINEERING FIRM: Galloway, Romero & AssociatesCONTACT: Mr. Dave GallowayADDRESS: 14202 E. Evans Avenue
Aurora, Colo. 80014PHONE: 303-745-7448OWNER: Diamond Shamrock, Inc.CONTACT: Mr. Jim ReedADDRESS: 9702 Brockbank
Dallas, Texas 75220PHONE: 214-357-7386ARCHITECT: N/A

CONTACT: _____

ADDRESS: _____

PHONE: _____

SURVEYOR: N/A

CONTACT: _____

ADDRESS: _____

PHONE: _____

CONTRACTOR: N/A

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

MAY 24 1993

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)

DATE SUBMITTED: 5/21/93BY: D. Galloway2721
CORN
CORN
CORN

LEGAL DESCRIPTION

A certain tract of land being and comprising Tract A-24-1, Redivision Plat comprising Tracts A-22-1, A-22-2, A-23-1, A-23-2, A-24-1 and A-24-2 Northeast Unit TOWN OF ATRISCO GRANT as the same is shown and designated on said plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on November 21, 1986, Volume C-32, folio 35, said tract lying situate within the Northwesterly quarter (NW/ly) of Sec. 11, T. 10 N., R. 2 E., N.M.P.M., within the Albuquerque City Limits, Bernalillo County, New Mexico, and being more particularly described as follows:

BEGINNING at the Northwest corner of said tract herein described, being a point on the South right of way line of QUAIL ROAD, N.W., and also the same point as the Northwest corner of said Tract A-24-1; thence, from said point of beginning, S. 89° 43' 15" E., along, adjoining and adjacent to the said South right of way line, 265.02 feet to the Northeast corner of said tract herein described and point of curvature intersecting the West right of way line of COORS ROAD, N.W., thence, Southeasterly along, adjoining and adjacent to the right of way line, along a curve to the right through a central angle of 94° 15' 08", having a radius of 25.00 feet, and an arc length of 41.13 feet (chord = S. 43° 20' 46" E., 36.64 feet), to a point of compound curvature, said point being on the West right of way line of COORS ROAD, N.W.; thence, Southeasterly along, adjoining and adjacent to said West right of way line, along a curve to the right through a central angle of 00° 46' 34", having a radius of 5651.58 feet and an arc length of 76.55 feet (chord = S. 04° 07' 46" W., 76.55 feet) to a point of compound curvature; thence, continuing along, adjoining and adjacent to said West right of way line, Southeasterly along a curve to the right through a central angle of 00° 45' 45", having a radius of 5651.58 feet and an arc length of 75.20 feet (chord = S. 04° 53' 55" W., 75.20 feet) to the Southeast corner of said tract herein described; thence, leaving said right of way N. 89° 49' 29" W., 234.29 feet to the Southwest corner of said tract herein described; thence, N. 13° 49' 48" W., 183.83 feet to the Northwest corner of said tract herein described, the point of beginning and containing an area of 1.074 acres, more or less, (46,781.84 square feet, more or less).

Legal description prepared by Mark A. Williams, N.M.P.S. 9777.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 3, 1993

CERTIFICATE OF COMPLETION AND ACCEPTANCE

Diamond Shamrock & Marketing Company
P.O. Box 696000
San Antonio, Texas 78269

RE: PROJECT NO. 4505.80, DIAMOND SHAMROCK
(MAP H-11)

Dear Kevin George:

This is to certify that the City of Albuquerque accepts Project No. 4505.80 as being completed according to approved plans and construction specifications. Please be advised this certificate of completion and acceptance shall only become effective upon final plat approval and filing in the office of the Bernalillo County clerk.

The project is described as follows:

- Extended thirty two lineal feet (32') of eight (8") PVC main (SAS) from the existing stub at Quail and Coors to include a four inch (4") service stubout.
- Also, removed eighteen feet (18') of existing water main on south side of Quail at Coors, and installed the following water service stubouts: 1-3/4", 1-1" and 1-1/2".

The contractor's correction period begins the date of this letter and will be effective for a period of one (1) year.

Sincerely,

Rick Roybal, PE
City Engineer,
Engineering Group
Public Works Department

Sincerely,

Russell B. Givler, PE
Chief Construction Engineer,
Engineering Group
Public Works Department

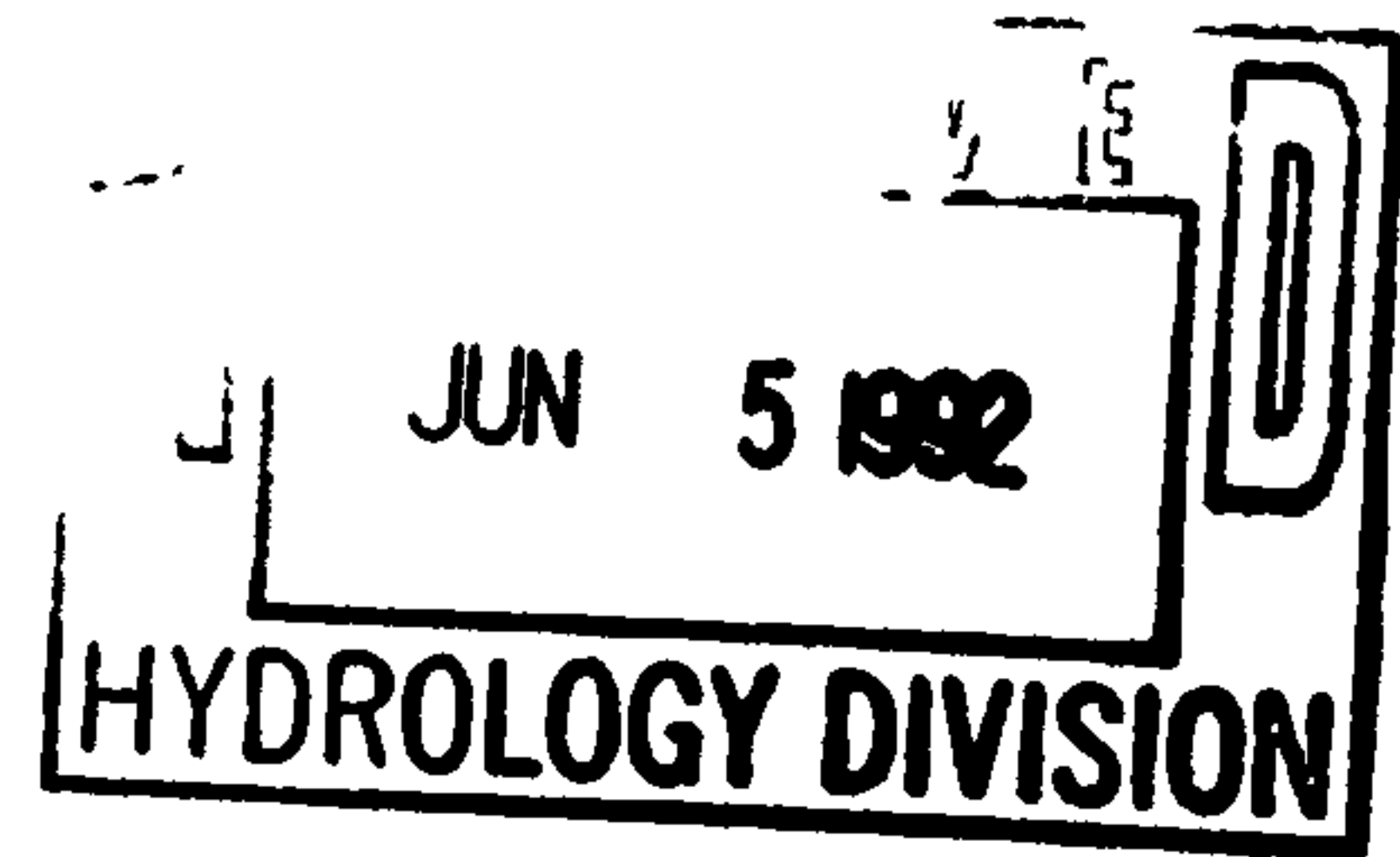
NOV - 9 1993



Letter of Acceptance
November 3, 1993
Page 2

cc: Diamond Shamrock
Kevin Georges Architects
Petro/Chem Environmental Svcs., Inc.
Jim Hicks, Engineering Group, PWD
Denise Wilcox, Engineering Group, PWD
~~Fred Aguirre~~, Engineering Group, PWD
Lynda Michelle DeVanti, Engineering Group, PWD
Terri Martin, Engineering Group, PWD
Martin Barker, Engineering Group, PWD
Steve Gonzales, Special Assessments, DFM
A.N. Gaume, Operations Group, PWD
Sam Hall, Operations Group, PWD
Jim Fink, Operations Group, PWD
Ray Chavez, Engineering Group, PWD
Stuart Reeder, Water/Wastewater Group, PWD
Dave Parks, Engineering Group, PWD
Bill Coleman, Engineering Group, PWD
Josie Gutierrez, New Meter Sales, Finance Group, PWD
Claudia Gallegos, Standby Clerk, Finance Group, PWD
Richard Zamora, Engineering Group, PWD
f/Project No. 4505.80
f/Readers
f/Warranty:Contract

H11-D39



2413 Wyoming Boulevard, N.E.
Albuquerque, New Mexico 87112
505-298-5682

June 5, 1992

Mr. Bernie J. Montoya, C.E.
Public Works Department
Hydrology Division
City of Albuquerque
P. O. Box 1290, 400 Marquette Avenue, N.W.
Albuquerque, New Mexico 87103

Re: Diamond Shamrock, Inc.
Proposed Development, Tract A-24-1-A, Atrisco Grant
SWC Coors & Quail Road, N.W.

Dear Mr. Montoya:

Reference is made to your letter to Galloway, Romero and Associates, dated January 28, 1992, and especially to item "1." A copy of this letter is enclosed.

McBark Associates is the owner of Tract A-23-1-A, which borders Tract A-24-1-A on the south.

I am enclosing a copy of a portion of the Diamond Shamrock site plan. The area shaded yellow is the portion of Tract A-23-1-A which Diamond Shamrock proposes to improve with pavement. The shaded area is also a portion of the access road shown on the plat.

We have been informed by Ken Baca of Diamond Shamrock of their need to pave this area and do hereby consent to the excavation and construction of paving thereon by Diamond Shamrock, their contractor, or assigns.

Sincerely yours,

MCBARK ASSOCIATES


Allan L. McMullen

Enclosures (2)

cc: Ken Baca, Diamond Shamrock
Jackson G. Akin, Rodey Law Firm



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 28, 1992

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: DRAINAGE PLAN FOR DIAMOND SHAMROCK, INC. @ COORS &
QUAIL, NW (H-11/D39) ENGINEER'S STAMP DATED
JANUARY 21, 1992

Dear Mr. Galloway:

Based on the information provided on your submittal of January 21, 1992, listed are some concerns that will need to be addressed prior to final approval.

1. Your plan drawing indicates some work being proposed on the adjacent property to the south. We will need concurrence from the owner.
2. T.B.M. must be permanently marked.
3. Notation on plan that the roof drains from the car wash must be routed towards the asphalt.
4. Please include the hydraulics for the proposed inlet and pipes. Also, indicate the flow rate entering the proposed inlet.
5. On your resubmittal, submit only two copies of (SP-3). I do not need the report. You can add the hydraulics on the plan drawing.
6. Engineer's Certification will be required prior to release of Certificate of Occupancy. A field trip by someone from your company is required and not just the as-built information from the contractor is adequate for Certification.

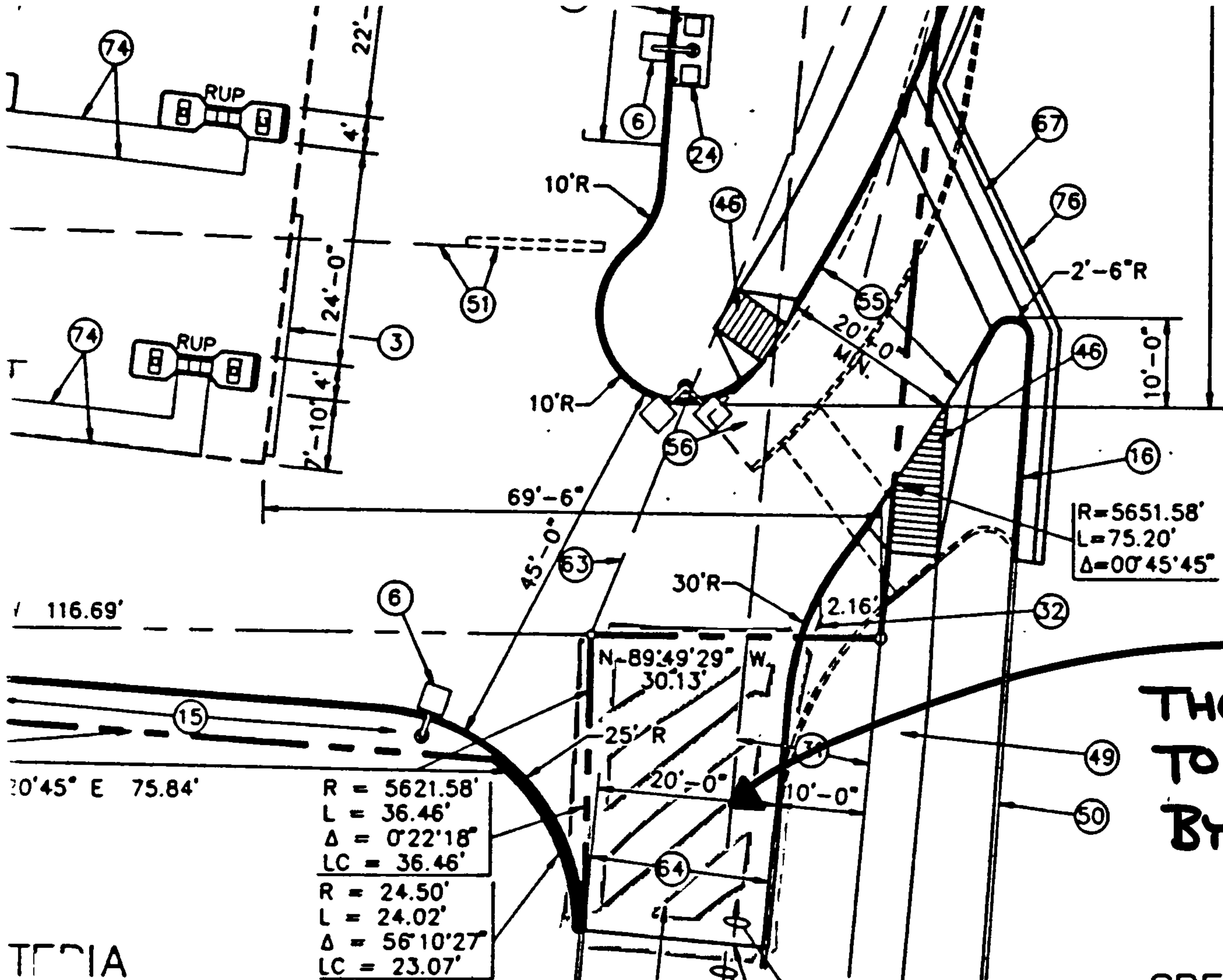
If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+3163)

PUBLIC WORKS DEPARTMENT



COORS ROAD N.W.
(R/W VARIES-139'±) ASPHALT PAVING

AREA OFF
THE SUBJECT TRACT
TO BE CONSTRUCTED
BY DIAMOND SHAMROCK.

SPECIAL CONDITIONS NOTES

TORE
1035 S.F.
1563 S.F.
2598 S.F.

1563 ÷ 200 = 8

4
1
12
17

26707 S.F.
26707 X 20% = 5341 S.F.
18796 S.F.

MINIMUM
30 FC
2 FC

DESIGN & CONSTRUCTION BY DIAMOND SHAMROCK
LIMITS OF CONSTRUCTION BY OTHERS

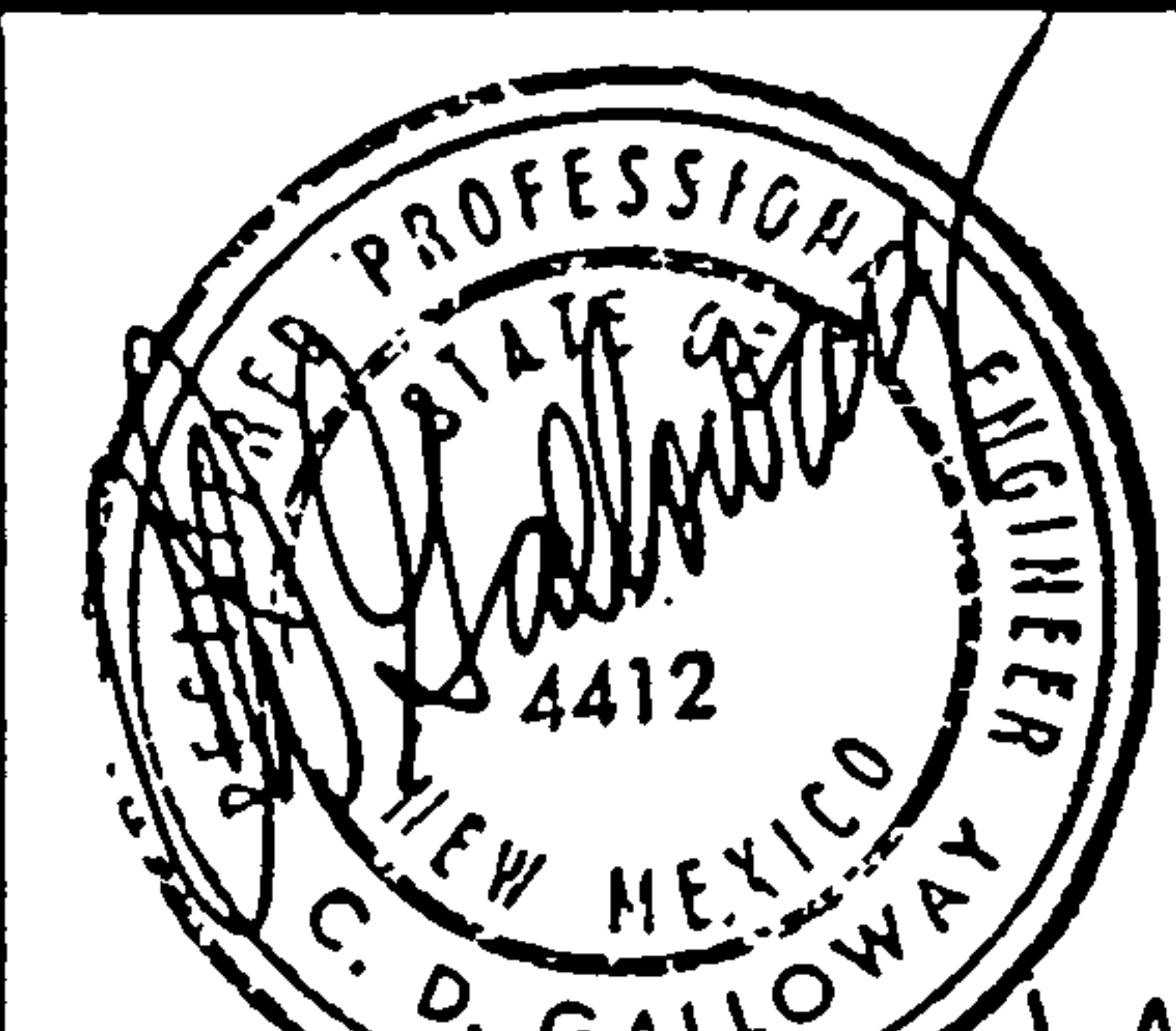
	YES	NO	
1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	STAGE II VAPOR RECOVERY
2.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SOFFIT LIGHTING ON REAR OF CAR WASH
3.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	RESTROOM IN CAR WASH.
4.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CORNER STORE TO BE BUILT OPPOSITE HAND.
5.			LOCATION OF TANK STICK GAUGE AS INDICATED.
6.			LOCATION OF CHANNEL LETTERS AS INDICATED.
7.			LOCATION OF BAG-ICE MACHINE AND BOLLARDS AS INDICATED.

NOTICE: THIS DOCUMENT IS THE PROPERTY OF DIAMOND SHAMROCK. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OR OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITTEN PERMISSION OF DIAMOND SHAMROCK. IF THIS DOCUMENT IS LOANED BY OR WITH THE AUTHORITY

- (59) UNDERGROUND ELECTRICAL FEED FROM
- (60) UNDERGROUND ELECTRICAL FEED TO CAR
- (61) 3' WIDE PAINTED PEDESTRIAN ACCESS; AS
- (62) PROPOSED 15' WATER AND SEWER EASEM
- (63) CROSS ACCESS EASEMENT BY SEPARATE
- (64) 20' WIDE PRIVATE ROAD
- (65) TRAFFIC BARRIER, DELINEATOR ON MEET
- (66) 750 GALLON SAND & OIL INTERCEPTOR
- (67) NEW CONC. VALLEY GUTTER PER CITY S
- (68) EXISTING TRAFFIC LIGHT POLE TO REMA
- (69) UNDERGROUND TELEPHONE FEED FROM
- (70) NEW MANHOLE PER CITY STANDARDS;
- (71) 8" DIA. PVC WATER MAIN EXTENSION; PE

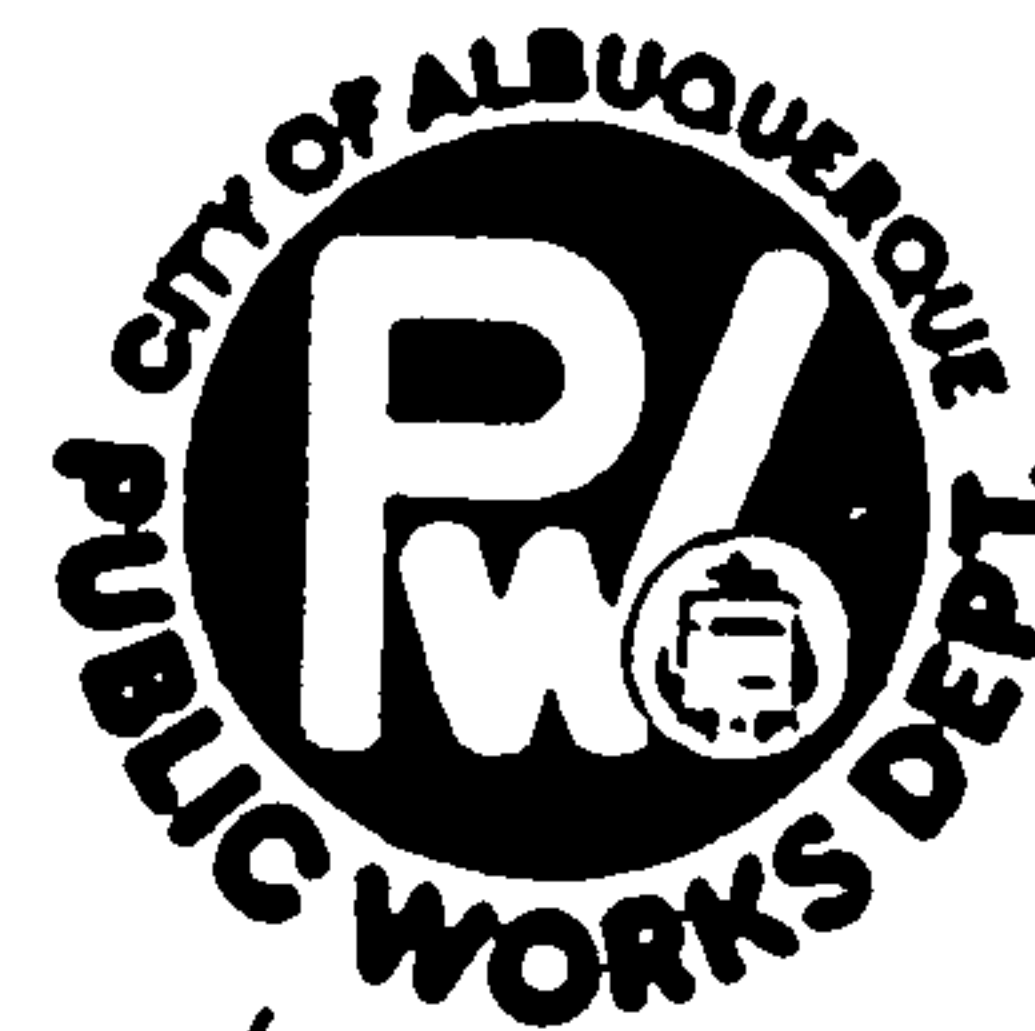
REVISIONS	
No.	Description
1	MOVED TANKS, CHANGED CURB, RELOC
2	REROUTED NAT. GAS LINE & METER?
3	REVISED TO ADD ADDITIONAL DRIVEWA
4	MOVED PIPE TRENCH, SEWER LINE
5	REVISED PROPERTY LINE
6	REVISED PER RELOCATED TANKS & CL
7	REVISED BOTH CURB CUTS PER CITY.
8	REVISED QUAIL CURB CUT, MOVE CAR
9	ROTATE CANOPY 2.5', MOVE AIR & WA
10	REVISE PER FINAL CITY COMMENTS.

 **DIAMOND S**
9830 COLONNA
SAN ANTONIO, TX



Designed By

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**



ENGINEERING GROUP

INTER-OFFICE CORRESPONDENCE

June 4, 1992

TO: Desiderio Salas; Street Maintenance Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
DIAMOND SHAMROCK @ COORS & QUAIL, NW (H-11/D39)

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

In accordance with the new process, 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 S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 3, 1992

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: REVISED DRAINAGE PLAN FOR DIAMOND SHAMROCK, INC. @ COORS &
QUAIL, NW (H-11/D39) REVISION, DATED MAY 12, 1992

Dear Mr. Galloway: .

Based on the information provided on your submittal of May 14, 1992, 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.

Please be advised that a separate permit is required for construction within City right-of-way. A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to release of building permit and Certificate of Occupancy, the following concerns must be satisfied:

1. Concurrence from property owner to the south for work within their property for building permit release.
2. Engineer's Certification per the DPM Checklist 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, C.E.
Engineering Assistant

xc: Alan Martinez
Darlene Saavedra

BJM/bsj
(WP+3163)

PUBLIC WORKS DEPARTMENT

PROJECT TITLE: Quail & C s Cornerstore ZONE ATLAS/D . FILE #: _____

DRS #: N/A EPC #: N/A WORK ORDER #: N/A

LEGAL DESCRIPTION: See Attached Legal Description

CITY ADDRESS: _____

ENGINEERING FIRM: Galloway, Romero & Associates CONTACT: Mr. Dave Galloway
14202 E. Evans Avenue
 ADDRESS: Aurora, Colo. 80014 PHONE: 303-745-7448

OWNER: Diamond Shamrock, Inc. CONTACT: Mr. Jim Reed
9702 Brockbank
 ADDRESS: Dallas, Texas 75220 PHONE: 214-357-7386

ARCHITECT: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____

SURVEYOR: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____

CONTRACTOR: N/A 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

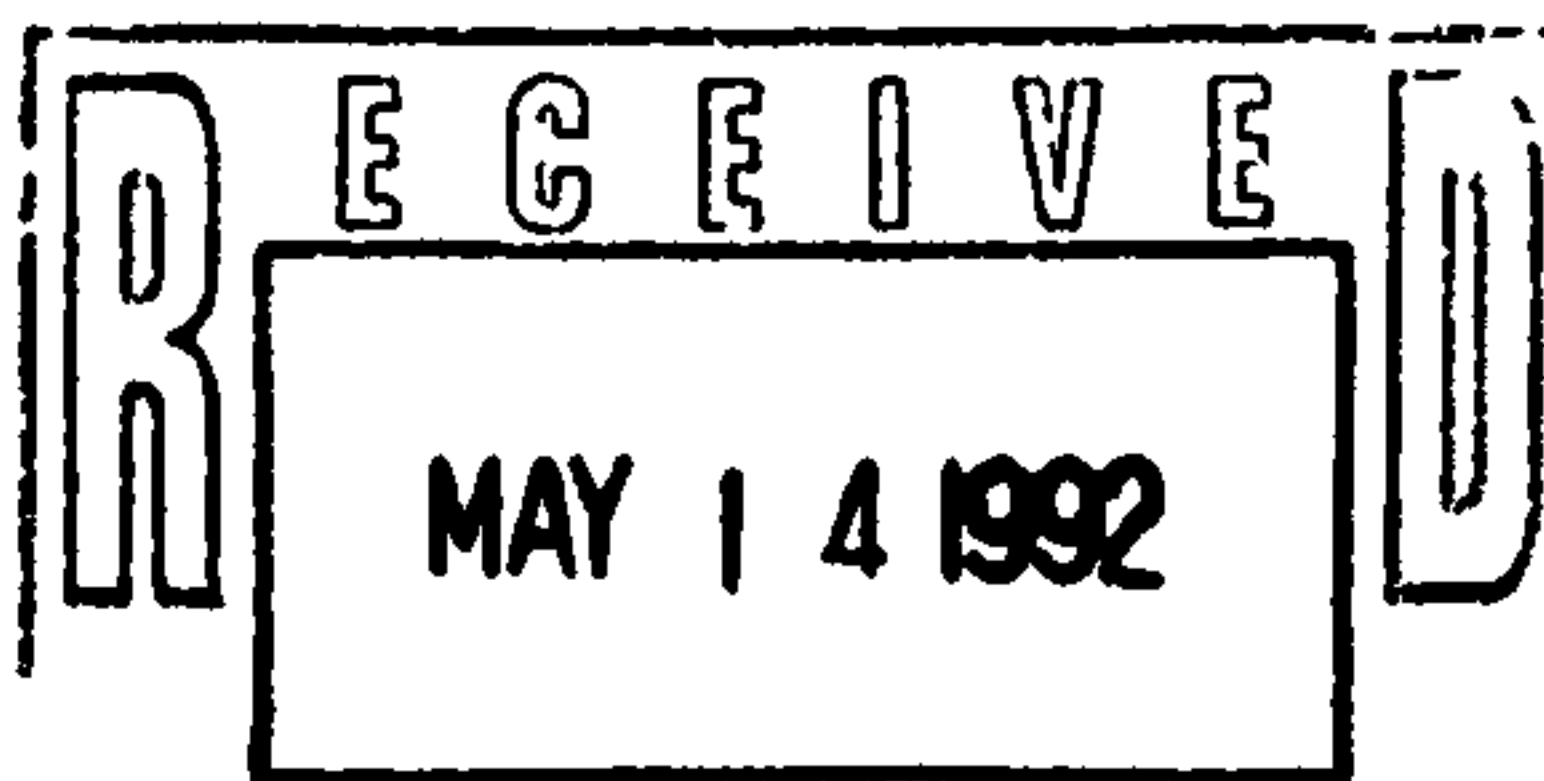
☐ GRADING PERMIT APPROVAL

☐ PAVING PERMIT APPROVAL

☒ S.A.D. DRAINAGE REPORT

☐ DRAINAGE REQUIREMENTS

OTHER _____ (SPECIFY)



HYDROLOGY DIVISION

DATE SUBMITTED:

BY:

5.14.92

[Signature]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT



INTER-OFFICE CORRESPONDENCE

April 2, 1992

ENGINEERING GROUP

TO: Desiderio Salas; Street Maintenance Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
DIAMOND SHAMROCK @ COORS & QUAIL, NW (H-11/D39)

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

In accordance with the new process, 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 S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 2, 1992

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: REVISED DRAINAGE PLAN FOR DIAMOND SHAMROCK, INC. @ COORS &
QUAIL, NW (H-11/D39) REVISION DATED MARCH 12, 1992

Dear Mr. Galloway:

Based on the information provided on your March 17, 1992 resubmittal, the referenced site is approved for Building Permit.

Please be advised that a separate permit is required for construction within the City right-of-way (S.O. #19). A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to Certificate of Occupancy release, Engineer's Certification per the DPM Checklist must be submitted for review. Concurrence of approval for the S.O. #19 must also be submitted.

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: Darlene Saavedra
Alan Martinez

BJM/bsj
(WP+3163)

PUBLIC WORKS DEPARTMENT

LETTER OF TRANSMISSION



Galloway, Romero & Associates

Design Engineering Planning

14202 East Evans Avenue
Aurora, Colorado 80014
(303) 745-7448
(303) 745-7480 Fax

MAR 17 1992

DATE 3/16/92

PROJECT DIAMOND SHAMROCK

LOCATION COORS & QUAIL

ALBUQUERQUE

ATTENTION BERNIE MONTOYA

RE:

H111D39

To:

CITY OF ALBUQUERQUE
PUBLIC WORKS - HYDROLOGY
400 MARQUETTE N.W.
ALBUQUERQUE, NEW MEXICO 87103

WE ARE SENDING YOU: ☐ HEREWITH ☐ DELIVERED BY HAND ☒ OVERNIGHT

☐ VIA _____

THE FOLLOWING ITEMS: ☒ PRINTS ☐ MYLARS ☐ PHOTOCOPIES ☐ COPY OF LETTER ☐ SPECIFICATIONS

☐ _____

COPIES	DATE OR NO.	DESCRIPTION
2	SP-3	REVISED GRADING PLAN

THESE ARE TRANSMITTED AS INDICATED BELOW

☐ FOR YOUR USE ☒ AS REQUESTED ☐ FOR REVIEW AND COMMENT ☐ FOR APPROVAL

☐ APPROVED AS NOTED ☐ RETURNED FOR CORRECTIONS ☐ _____

REMARKS:

- ADDED BENCHMARK (CHISELED BOX, PAINTED ORANGE)
- INCREASED SLOPE ON PIPE TO ACCOMMODATE AN ADDITIONAL 0.5 CFS, AS DISCUSSED
- THE CROSS ACCESS AGREEMENT FOR THE DRIVE TO THE SOUTH IS STILL BEING PREPARED. I WILL SEND A COPY AS SOON AS IT IS AVAILABLE.

COPIES TO:

JIM REED

KEVIN GEORGES

SIGNED:

DAVE JONES

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Quail & Cours Cornerstore ZONE ATLAS/DR... FILE #: H11/D39
 DRB #: N/A EPC #: N/A WORK ORDER #: N/A
 LEGAL DESCRIPTION: See Attached Legal Description
 CITY ADDRESS: _____
 ENGINEERING FIRM: Galloway, Romero & Associates
14202 E. Evans Avenue
 ADDRESS: Aurora, Colo. 80014
 CONTACT: Mr. Dave Galloway
 PHONE: 303-745-7448
 OWNER: Diamond Shamrock, Inc.
9702 Brockbank
 ADDRESS: Dallas, Texas 75220
 CONTACT: Mr. Jim Reed
 PHONE: 214-357-7386
 ARCHITECT: N/A
 ADDRESS: _____
 PHONE: _____
 SURVEYOR: N/A
 ADDRESS: _____
 PHONE: _____
 CONTRACTOR: N/A
 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)

MAR 4 1992

DATE SUBMITTED:

BY:

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Quail & Coors Cornerstore ZONE ATLAS/DRNG. FILE #:DRB #: N/A EPC #: N/A WORK ORDER #: N/ALEGAL DESCRIPTION: See Attached Legal Description

CITY ADDRESS: _____

ENGINEERING FIRM: Galloway, Romero & AssociatesCONTACT: Mr. Dave GallowayADDRESS: 14202 E. Evans Avenue
Aurora, Colo. 80014PHONE: 303-745-7448OWNER: Diamond Shamrock, Inc.CONTACT: Mr. Jim ReedADDRESS: 9702 Brockbank
Dallas, Texas 75220PHONE: 214-357-7386ARCHITECT: N/A

CONTACT: _____

ADDRESS: _____

PHONE: _____

SURVEYOR: N/A

CONTACT: _____

ADDRESS: _____

PHONE: _____

CONTRACTOR: N/A

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:

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

MAR 17 1992

DATE SUBMITTED: MARCH 20 1992BY: Dail & L

LEGAL DESCRIPTION

A certain tract of land being and comprising Tract A-24-1, Redivision Plat comprising Tracts A-22-1, A-22-2, A-23-1, A-23-2, A-24-1 and A-24-2 Northeast Unit TOWN OF ATRISCO GRANT as the same is shown and designated on said plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on November 21, 1986, Volume C-32, folio 35, said tract lying situate within the Northwesterly quarter (NW/ly) of Sec. 11, T. 10 N., R. 2 E., N.M.P.M., within the Albuquerque City Limits, Bernalillo County, New Mexico, and being more particularly described as follows:

BEGINNING at the Northwest corner of said tract herein described, being a point on the South right of way line of QUAIL ROAD, N.W., and also the same point as the Northwest corner of said Tract A-24-1; thence, from said point of beginning, S. 89° 43' 15" E., along, adjoining and adjacent to the said South right of way line, 265.02 feet to the Northeast corner of said tract herein described and point of curvature intersecting the West right of way line of COORS ROAD, N.W., thence, Southeasterly along, adjoining and adjacent to the right of way line, along a curve to the right through a central angle of 94° 15' 08", having a radius of 25.00 feet, and an arc length of 41.13 feet (chord = S. 43° 20' 46" E., 36.64 feet), to a point of compound curvature, said point being on the West right of way line of COORS ROAD, N.W.; thence, Southeasterly along, adjoining and adjacent to said West right of way line, along a curve to the right through a central angle of 00° 46' 34", having a radius of 5651.58 feet and an arc length of 76.55 feet (chord = S. 04° 07' 46" W., 76.55 feet) to a point of compound curvature; thence, continuing along, adjoining and adjacent to said West right of way line, Southeasterly along a curve to the right through a central angle of 00° 45' 45", having a radius of 5651.58 feet and an arc length of 75.20 feet (chord = S. 04° 53' 55" W., 75.20 feet) to the Southeast corner of said tract herein described; thence, leaving said right of way N. 89° 49' 29" W., 234.29 feet to the Southwest corner of said tract herein described; thence, N. 13° 49' 48" W., 183.83 feet to the Northwest corner of said tract herein described, the point of beginning and containing an area of 1.074 acres, more or less, (46,781.84 square feet, more or less).
Legal description prepared by Mark A. Williams, N.M.P.S. 9777.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 28, 1992

Dave Galloway
Galloway, Romero & Associates
14202 E. Evans Avenue
Aurora, Colorado 80014

RE: DRAINAGE PLAN FOR DIAMOND SHAMROCK, INC. @ COORS &
QUAIL, NW (H-11/D39) ENGINEER'S STAMP DATED
JANUARY 21, 1992

Dear Mr. Galloway:

Based on the information provided on your submittal of January 21, 1992, listed are some concerns that will need to be addressed prior to final approval.

1. Your plan drawing indicates some work being proposed on the adjacent property to the south. We will need concurrence from the owner.
2. T.B.M. must be permanently marked.
3. Notation on plan that the roof drains from the car wash must be routed towards the asphalt.
4. Please include the hydraulics for the proposed inlet and pipes. Also, indicate the flow rate entering the proposed inlet.
5. On your resubmittal, submit only two copies of (SP-3). I do not need the report. You can add the hydraulics on the plan drawing.
6. Engineer's Certification will be required prior to release of Certificate of Occupancy. A field trip by someone from your company is required and not just the as-built information from the contractor is adequate for Certification.

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+3163)

PUBLIC WORKS DEPARTMENT

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

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Quail & Coors Cornerstore ZONE ATLAS/DRNG. FILE #: H11/D39
DRB #: N/A EPC #: N/A WORK ORDER #: N/A
LEGAL DESCRIPTION: See Attached Legal Description
CITY ADDRESS: _____
ENGINEERING FIRM: Galloway, Romero & Associates CONTACT: Mr. Dave Galloway
14202 E. Evans Avenue
ADDRESS: Aurora, Colo. 80014 PHONE: 303-745-7448
OWNER: Diamond Shamrock, Inc. CONTACT: Mr. Jim Reed
9702 Brockbank
ADDRESS: Dallas, Texas 75220 PHONE: 214-357-7386
ARCHITECT: N/A CONTACT: Kevin Georges
ADDRESS: _____ PHONE: 255-4975
SURVEYOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: N/A 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)

JAN 21 1992

DATE SUBMITTED: _____

BY: _____