

CITY OF ALBUQUERQUE



February 25, 2008

Lyle C. Losack, P.E.
Quick Draw Engineering, L.L.C.
P.O. Box 729
Corrales, NM 87048

RE: Valencia Subdivision/ Corona Del Sol, (G-11/D001)A
Engineers Certification for Release of Financial Guaranty
Engineers Stamp dated 11/14/2004
Engineers Certification dated 2/21/2008

Mr. Losack:

Based upon the information provided in your Engineer's Certification submittal dated 02/22/2008, the above referenced plan is adequate to satisfy the Grading and Drainage Certification for Release of Subdivision Improvement Agreement, (SIA).

If you have any questions, you can contact me at 924-3982.

Sincerely,

Timothy E. Sims
Plan Checker, Planning Dept. - Hydrology
Development and Building Services

C: Marilyn Maldonado, COA# 765781
File

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

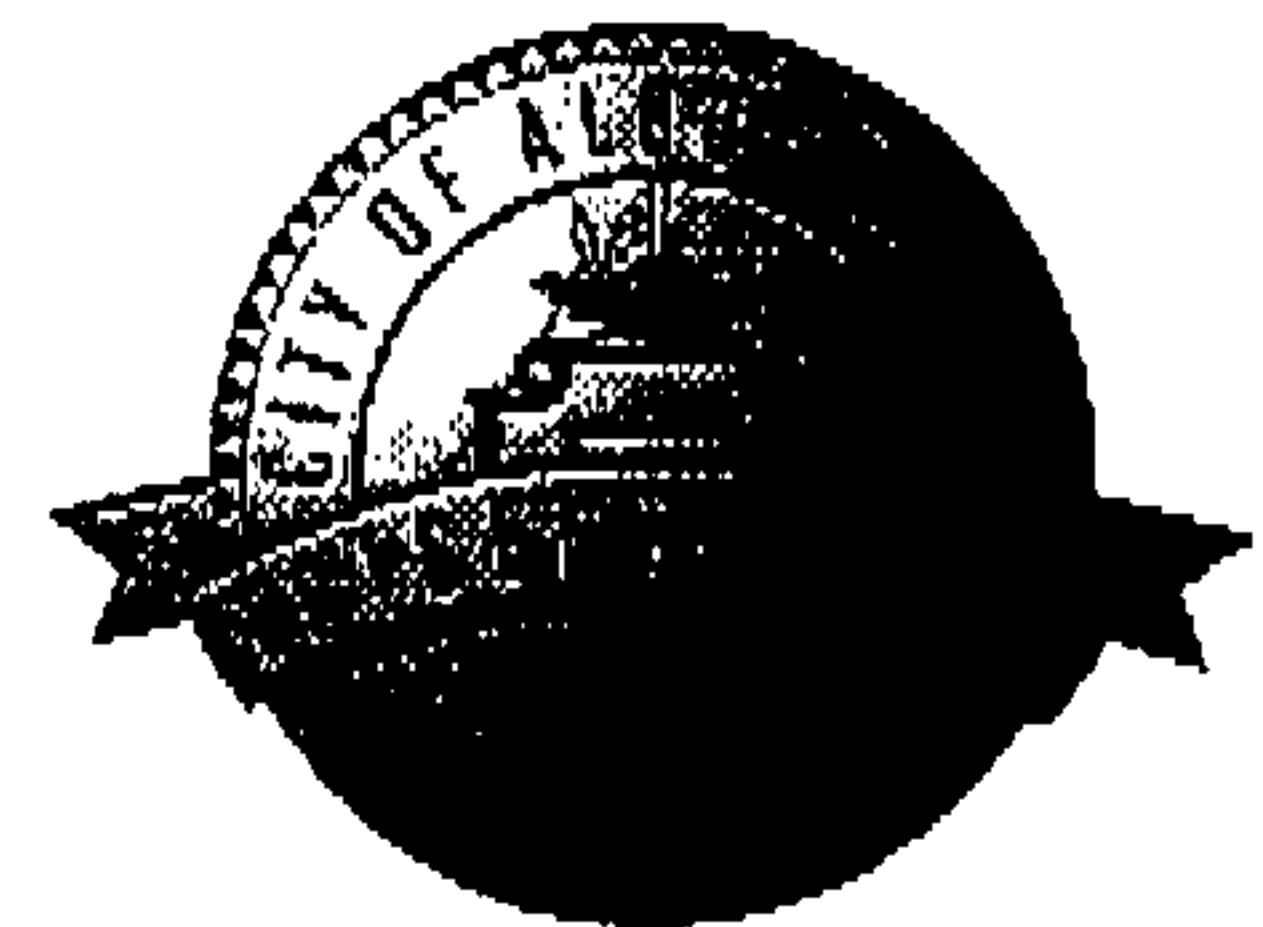
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FAX : 9243864
TEL : 5059243979
SER. # : BROL6J570919

DATE, TIME
FAX NO./NAME
DURATION
PAGE(S)
RESULT
MODE

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OK
STANDARD
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CITY OF ALBUQUERQUE



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Timothy E. Sims

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

VALENCIA SUBDIVISION (REV 12/2005)
ALAMAGORDO DR. LOT SPLIT,

PROJECT TITLE: Corona Del Sol Subdivision ZONE MAP: # G-11/D001
DRB#: _____ EPC#: _____ WORK ORDER#: 765781

LEGAL DESCRIPTION: _____
CITY ADDRESS: Corona Del Sol

ENGINEERING FIRM: Quick Draw Engineering CONTACT: Chris
ADDRESS: PO Box 729 PHONE: 898-0389
CITY, STATE: Corrales N.M. ZIP CODE: 87048

OWNER: Mark Valencia CONTACT: Mark
ADDRESS: 40 Camino Joga Verde PHONE: 238-1113
CITY, STATE: Corrales N.M. ZIP CODE: 87048
Please Fax Copy of letter to 899-3687

ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL SOUGHT:

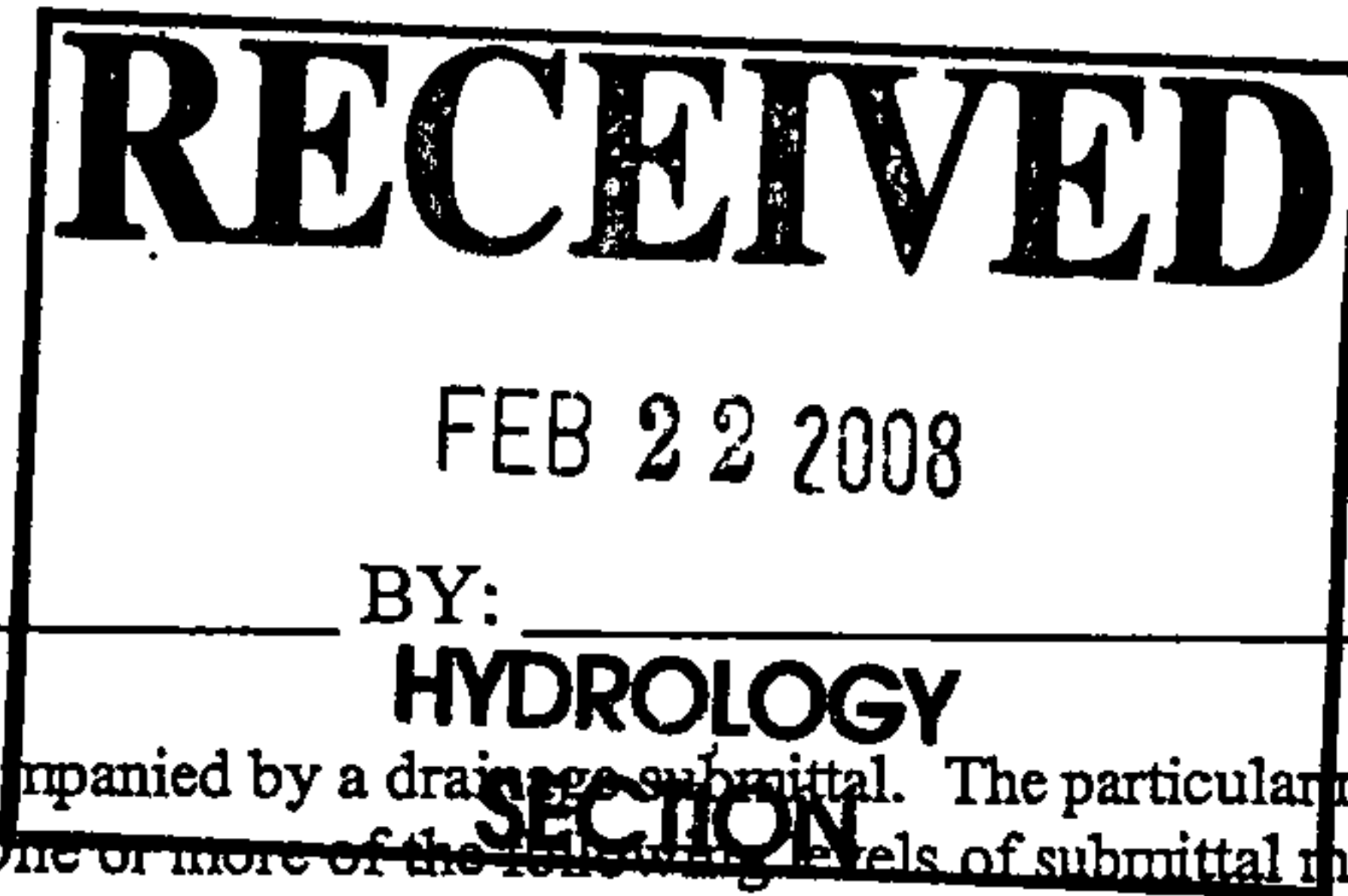
- ☒ ~~SIA/FINANCIAL GUARANTEED RELEASE~~
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY) _____

NEED W.D.
765781

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

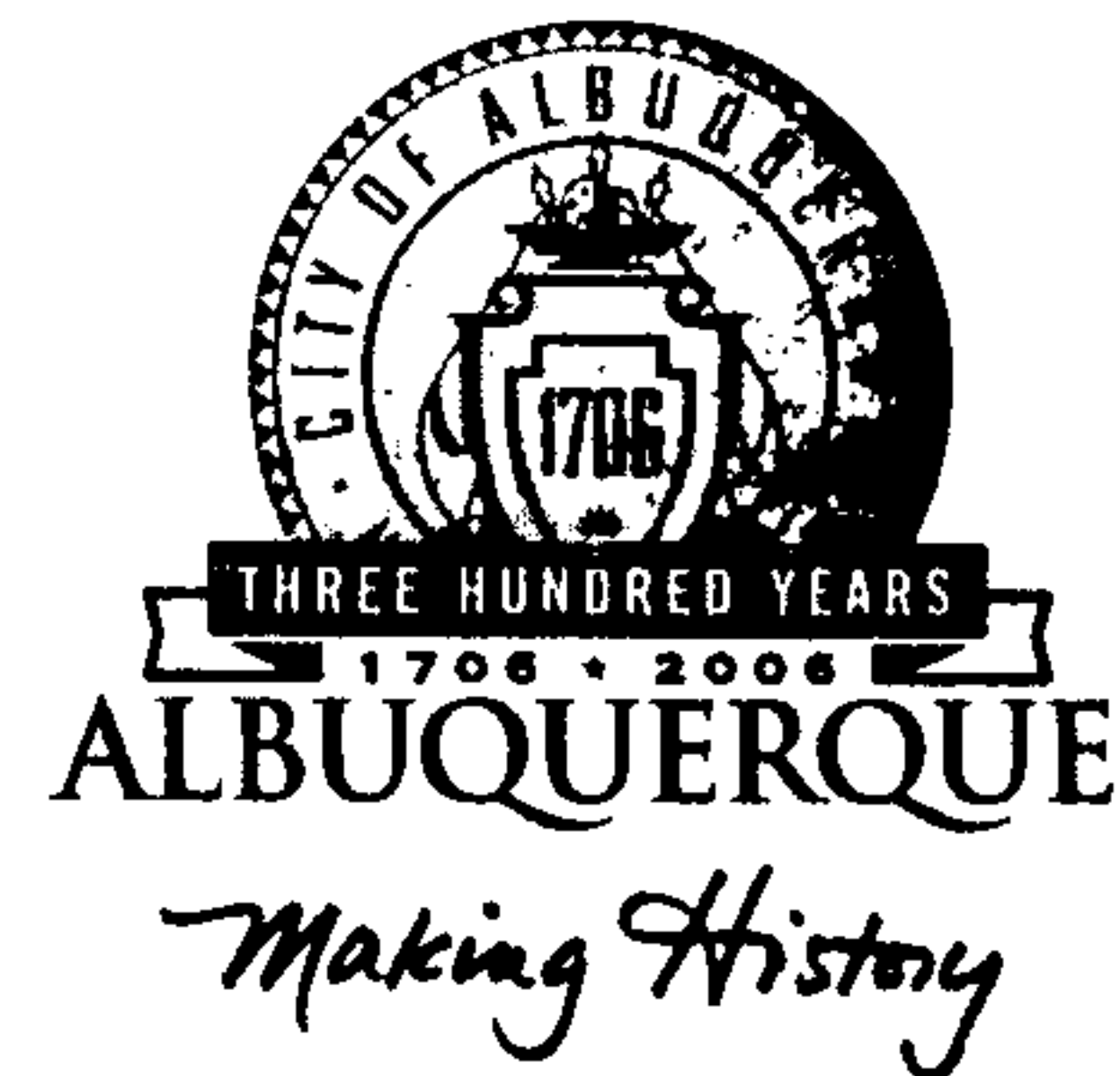
DATE SUBMITTED: _____ BY: _____



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE



January 26, 2005

Lyle Losack, PE
QuickDraw Engineering
PO Box 729
Corrales, NM 87048

Re: Valencia Subdivision Drainage Report
Engineer's Stamp dated 11-16-04, (G11/D1)A

Dear Mr. Losack,

Based upon the information provided in your submittal dated 11-16-04, the above referenced plan is approved for Preliminary Plat action by the DRB. Once that board approves the plan, please submit a mylar copy for my signature in order to obtain a Rough Grading Permit.

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. Refer to the attachment that is provided with this letter for details. If you have any questions please feel free to call the Municipal Development Department, Hydrology section at 768-3654 (Charles Caruso).

If you have any questions, you can contact me at 924-3982.

Sincerely,

Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Development and Building Services

C: Chuck Caruso, PE, DMD
file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE: ALAMOGORDO DR. HOT SPLIT ZONE MAP/DRG. FILE #: G-11/D001
JOB #: 1003247 EPC#: _____ WORK ORDER#: _____

GAL DESCRIPTION: HOT 1+2 CORONA DEL SOL
PROPERTY ADDRESS: 3701-3737 Alamo Gordo N.W.

ENGINEERING FIRM: QUICKDRAW ENGINEERING
ADDRESS: PO BOX 729
CITY, STATE: CORRAL GOS, NM 87048

CONTACT: Kyle Gosack PE
PHONE: 505-898-0389
ZIP CODE: 87048

OWNER: MARK VALENCIA
ADDRESS: 6821 TESUQUE DR N.W.
CITY, STATE: ALBUQ 87120

CONTACT: MARK
PHONE: 505-238-1113
ZIP CODE: 87120

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: MCCINTOCK SURVEY
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: MARK VALENCIA
ADDRESS: (SAME AS ABOVE)
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, *REQUIRES TCL or equal*
- ☐ ~~DRAINAGE PLAN RESUBMITTAL~~
- ☒ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

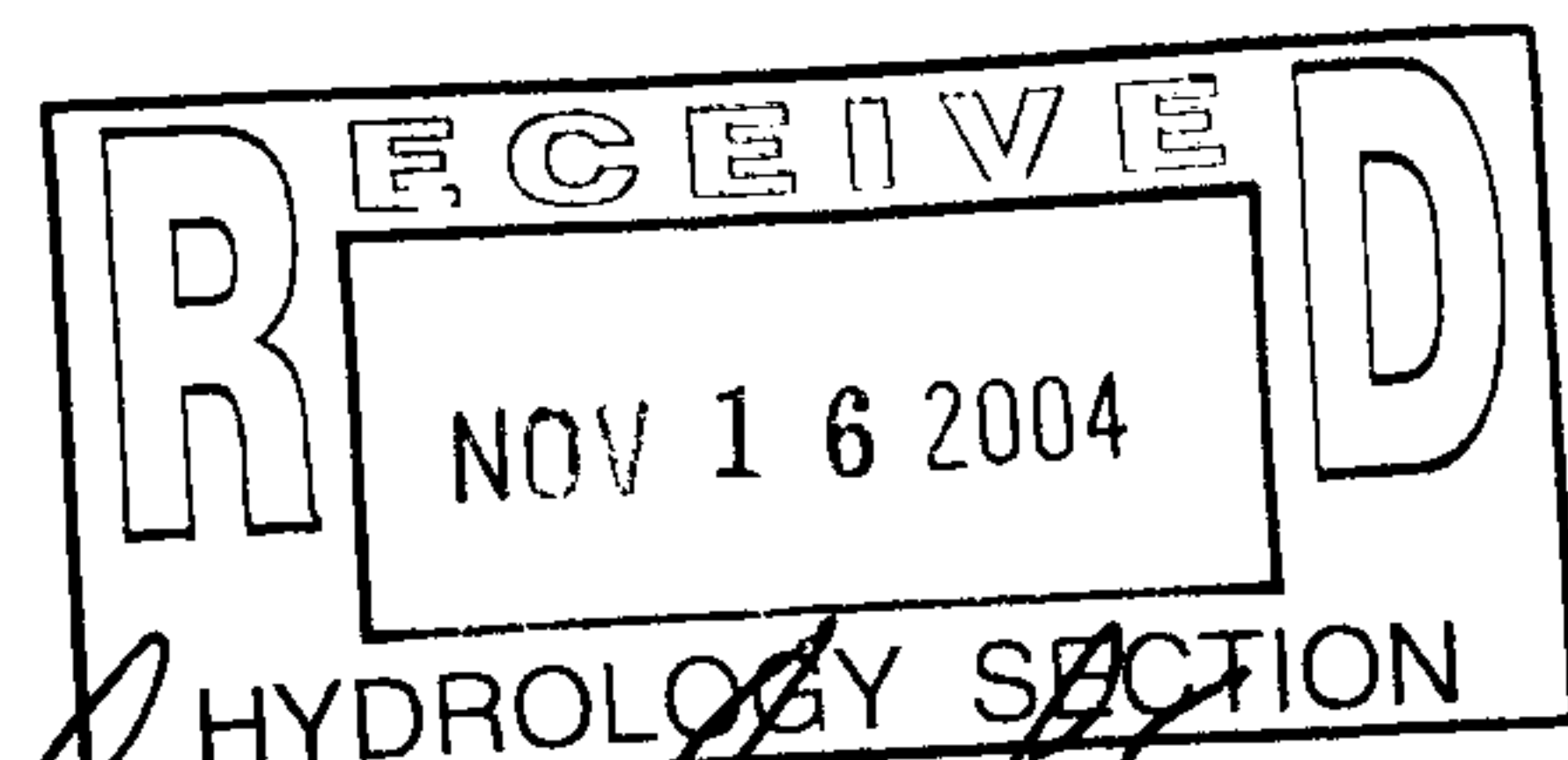
CHECK TYPE OF APPROVAL SOUGHT:

- ☒ SIA / FINANCIAL GUARANTEE RELEASE
- ☒ PRELIMINARY PLAT APPROVAL
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- ☐ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 11/16/04 BY: Kyle Gosack PE



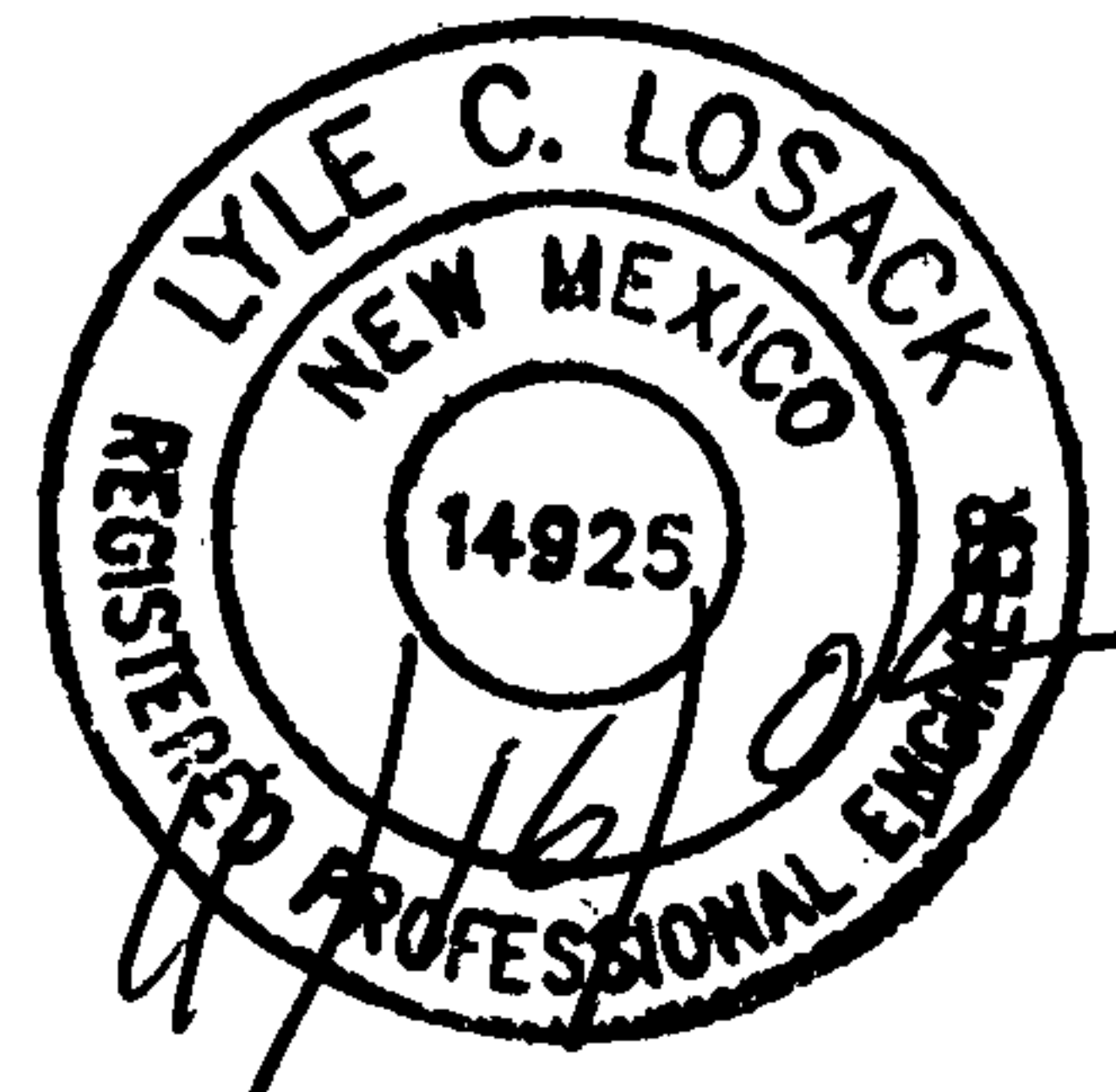
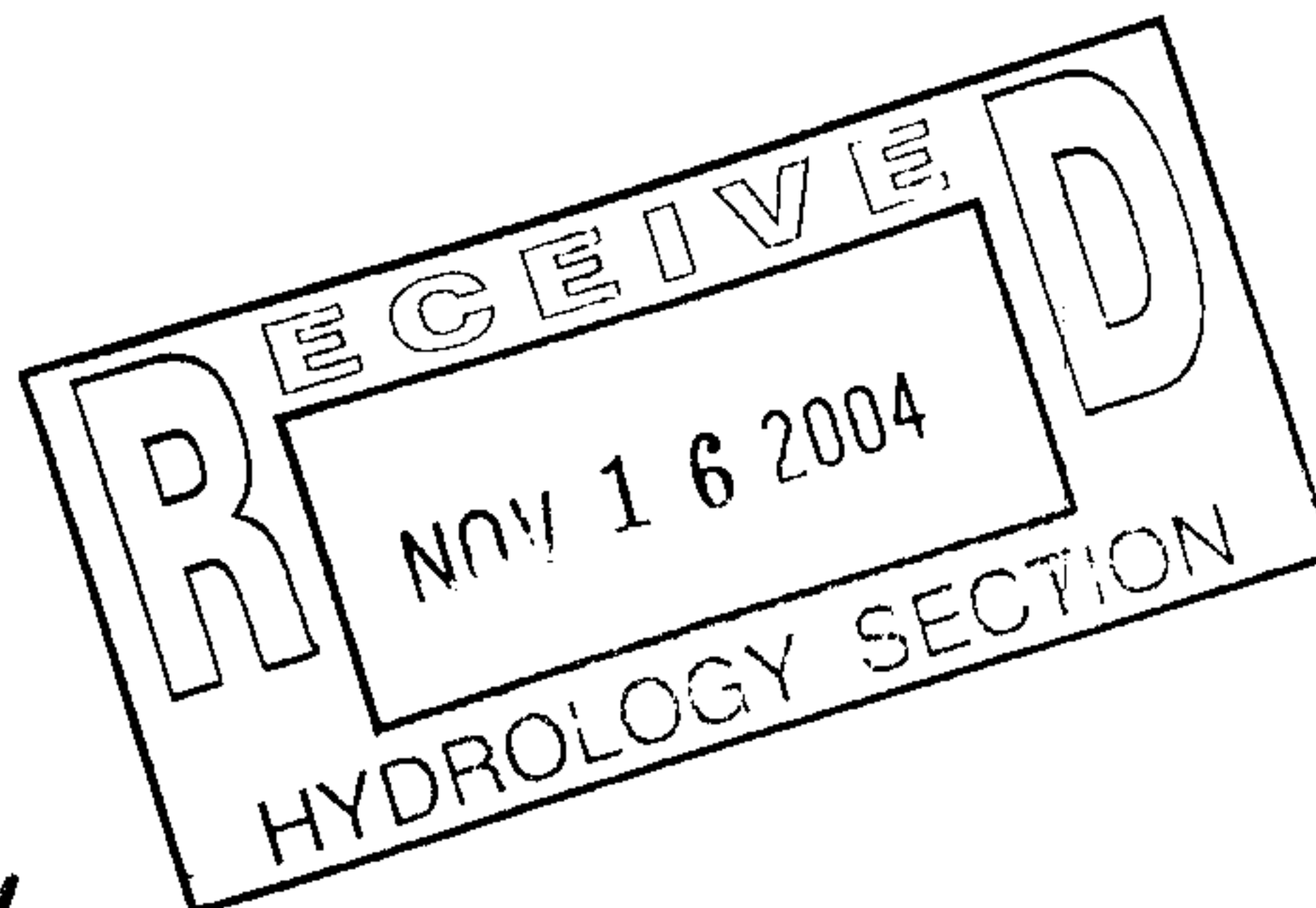
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3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres.

DRAINAGE REPORT
FOR
VALENCIA SUBDIVISION

Corona Del Sol
LOTS 1 & 2
Alamogordo Drive

QuikDraw Engineering, LLC
Post Office Box 729
Corrales, New Mexico 87048
Phone: 505-898-0389
FAX: 505-897-0389
Email: quikdrawengr@aol.com
www.quikdrawengineering.com




Lyle C. Losack, P.E.

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Appendix A
Zone Atlas Maps/Adjacent Development Map/Vicinity Map
Firm Map

Appendix B
Existing Condition Calculations
Proposed Condition Calculations

1. Purpose and Scope

This parcel is proposed to be developed as a lot split, zoned as R-2 residential.

This report presents an overall drainage management plan for approval by the City of Albuquerque in order that the subsequent development may proceed.

2. Site Description/Existing Drainage Conditions

This development is located on Alamogordo Drive, on or near St. Joseph and Coors Rd. NW. It is bounded by residential lots to the North, South, East & West.

There are no existing offsite flows that impact this site. Drainage from proposed lots presently drains to the West through an alley. The lot is compacted by activity and has sparse vegetation.

3. Design Criteria/Land Treatments

The drainage plan presented in this report has been prepared in accordance with the City of Albuquerque Drainage Ordinances and Chapter 22 of the Development Process Manual (DPM).

Rainfall intensities per this report are as follows:

Zone	P ₆₀	P ₃₆₀	P ₁₄₄₀
1	1.87	2.20	2.66

Land Treatment (DPM Pg 22-11) Multiple Unit Attached

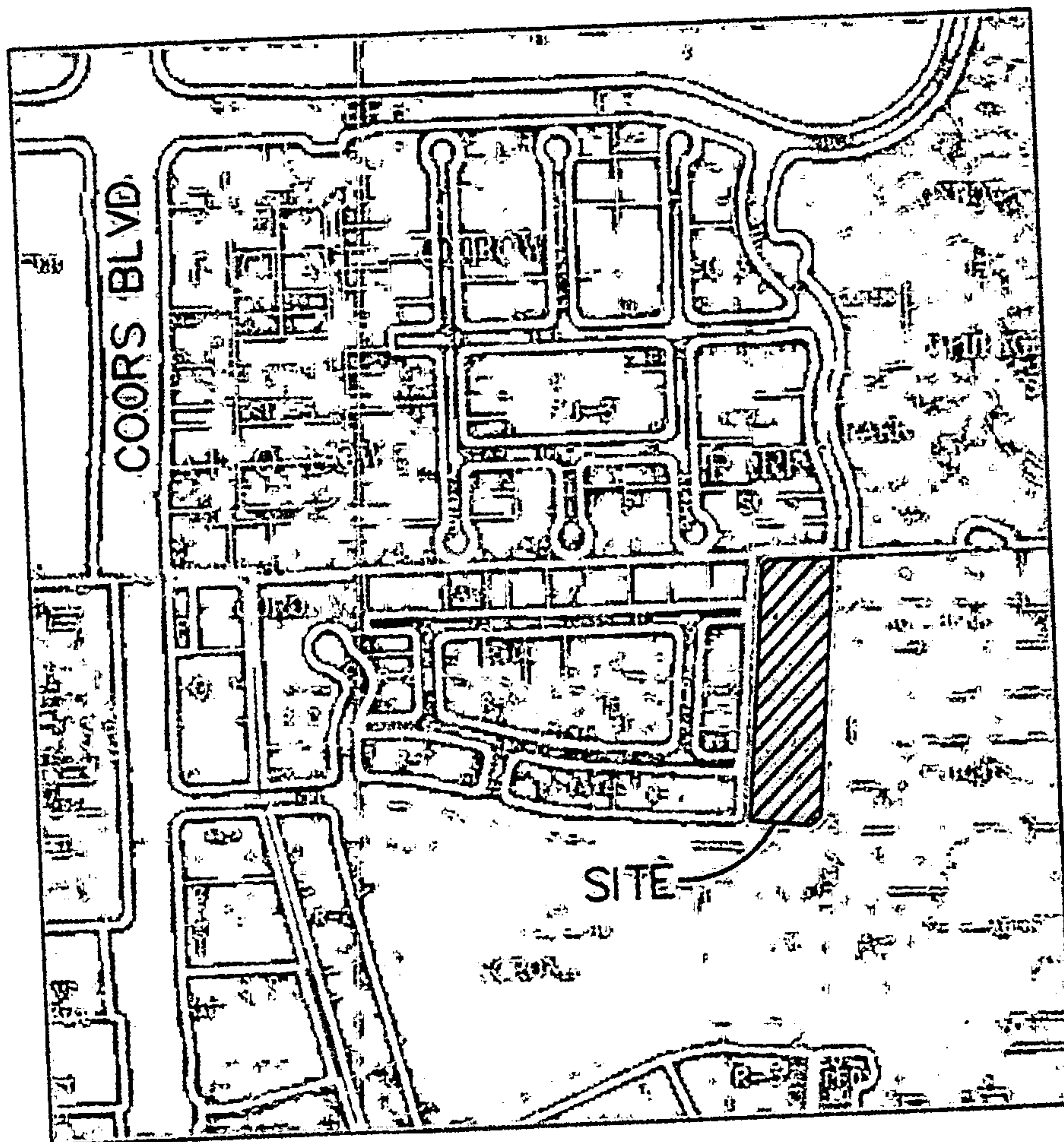
Treatment Type	A	B	C	D
Existing	0	0	100	0
Proposed	0	0	20	80

4. Drainage Management Plan

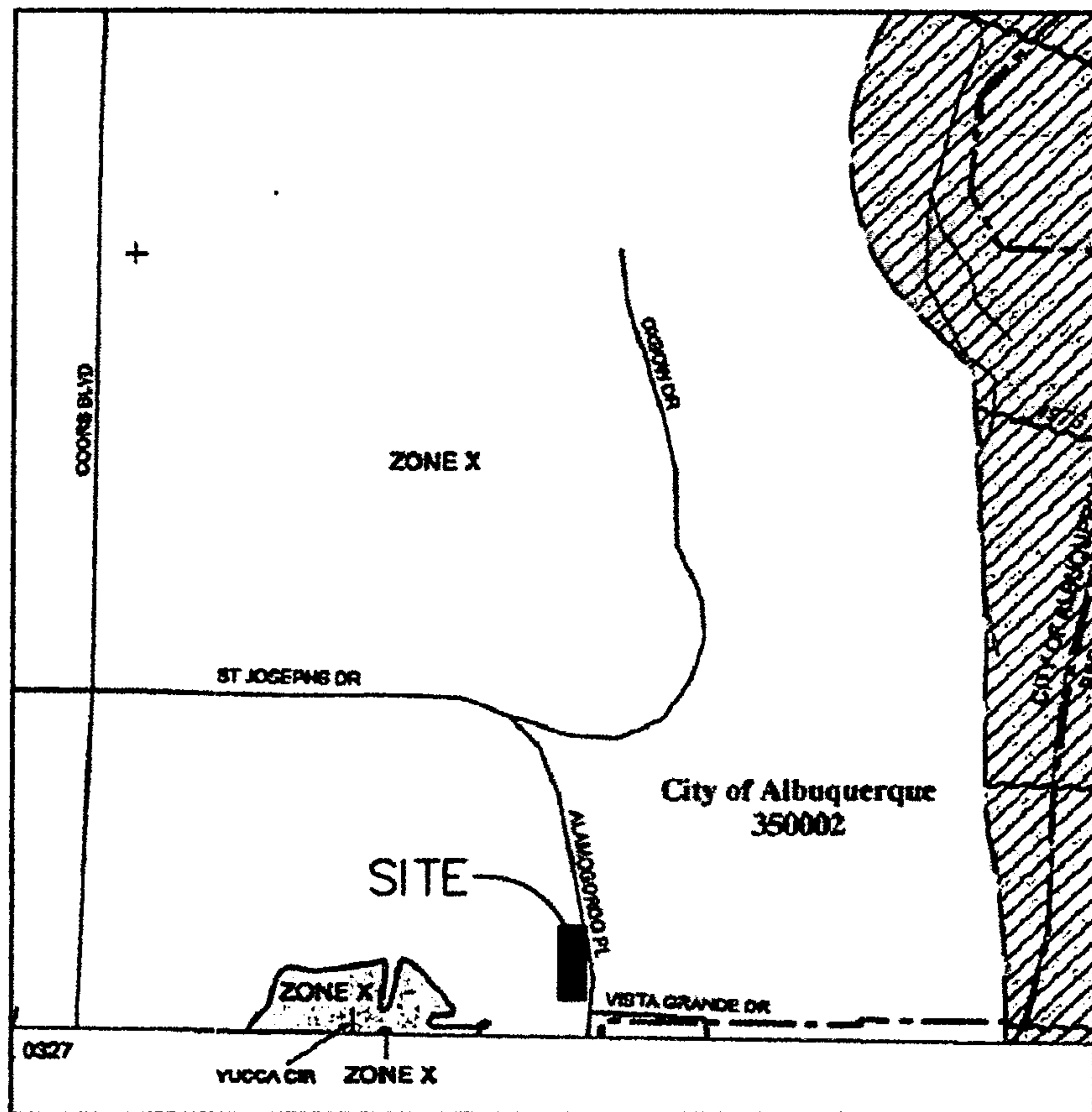
As the calculations in the Appendix show, the existing flow coming off the site is 2.71 cfs and the proposed flow is 3.76 cfs, this is an increase of 1.05 cfs. Developed flows are to drain to Alamogordo Drive, typical to the drainage for this area (see G&D plan attached).

5. Conclusion

Per the overall plan, no adverse downstream impact will result from this development. The additional flow to Alamogordo Street will be minimal. The proposed system will improve the local drainage situation for this lot by removing the flows to the alley which will reduce sediment transport.



ZONE MAP #G-11
SCALE: NTS



FEMA MAP #35001C0114E

SCALE: NTS

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PRINT HYD
FINISH
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*100 YEAR 6 HOUR PROPOSED CONDITIONS
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RAIN DAY=2.66 IN DT=0.0333 HRS
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TP=-0.1333 HR MASS RAIN=-1
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ID=1 CODE=1
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Ahymo

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