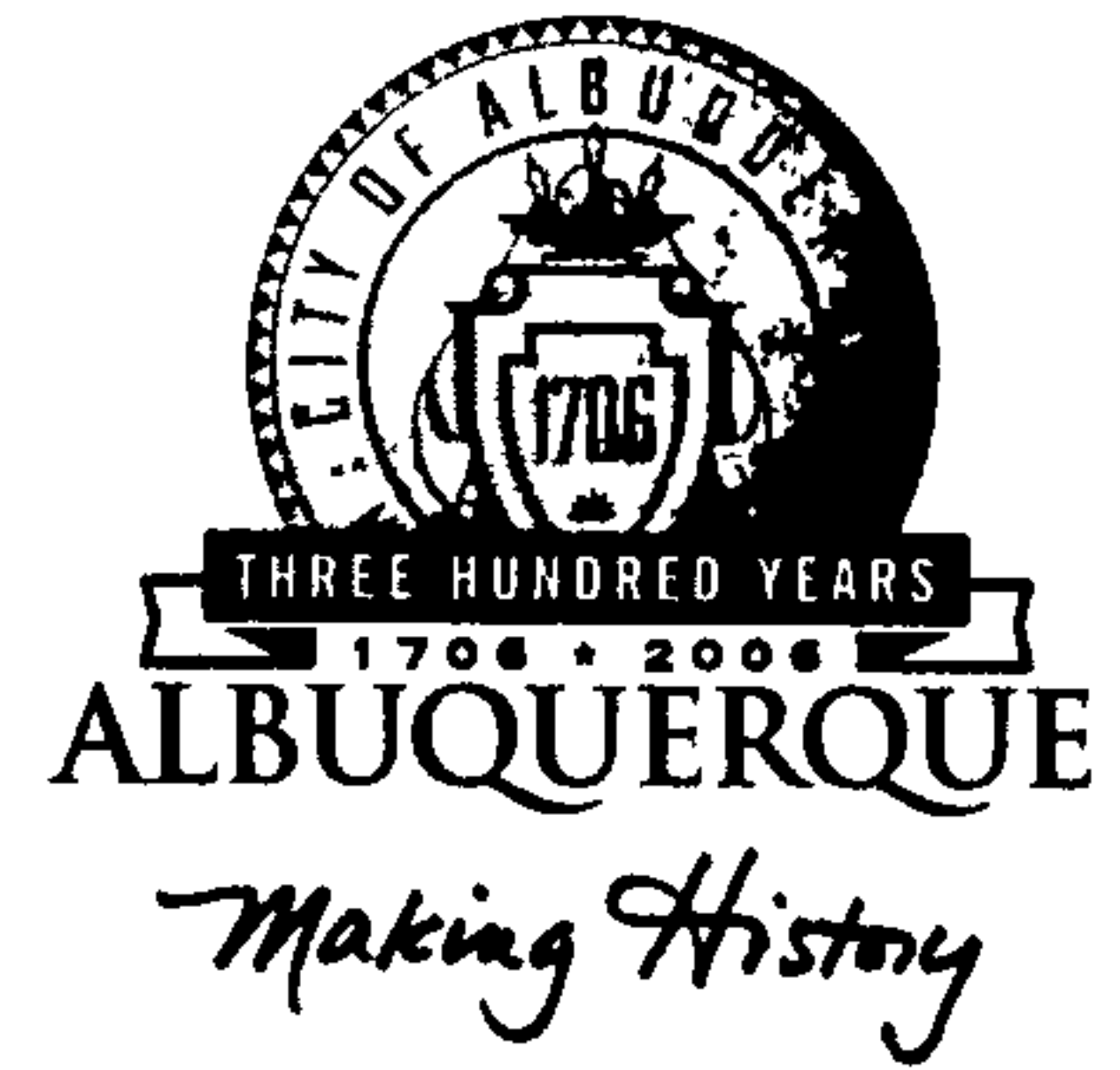


# CITY OF ALBUQUERQUE



May 10, 2005

Mr. Phil Clark, PE  
**CLARK CONSULTING ENGINEERS**  
19 Ryan Road  
Edgewood, NM 87015

**RE: VENTURA VILLAGE SUBDIVISION (C-20/D37)**  
**Engineers Certification for Release of Financial Guaranty**  
**Engineers Stamp dated 10/08/2002**  
**Engineers Certification dated 05/06/2005**

Dear Phil:

P.O. Box 1293  
Albuquerque  
New Mexico 87103  
www.cabq.gov  
Based upon the information provided in your Engineer's Certification Submittal dated 05/06/2005, the above referenced plan is adequate to satisfy the Grading and Drainage Certification for Release of Financial Guaranty.

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

Sincerely,

*Arlene V. Portillo*

Arlene V. Portillo  
Plan Checker, Planning Dept.- Hydrology  
Development and Building Services

C: Marilyn Maldonado, COA# 699981  
File

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

PROJECT TITLE: Ventura Village ZONE MAP/DRG. FILE #: C 20/D 37  
DRB #: 1001463 EPC#: \_\_\_\_\_ WORK ORDER#: 6999.81

LEGAL DESCRIPTION: Ventura Village Subd.  
CITY ADDRESS: \_\_\_\_\_

ENGINEERING FIRM: Clark Consulting Engineers  
ADDRESS: 19 Ryan Road  
CITY, STATE: Edgewood, New Mexico 87015

CONTACT: \_\_\_\_\_  
PHONE: 281-2444  
ZIP CODE: \_\_\_\_\_

OWNER: Llave Constr. Inc.  
ADDRESS: P.O. Box 98 93642  
CITY, STATE: Albuquerque

CONTACT: Bob K.  
PHONE: 249-1502  
ZIP CODE: 87199

ARCHITECT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

SURVEYOR: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1<sup>st</sup> 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)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

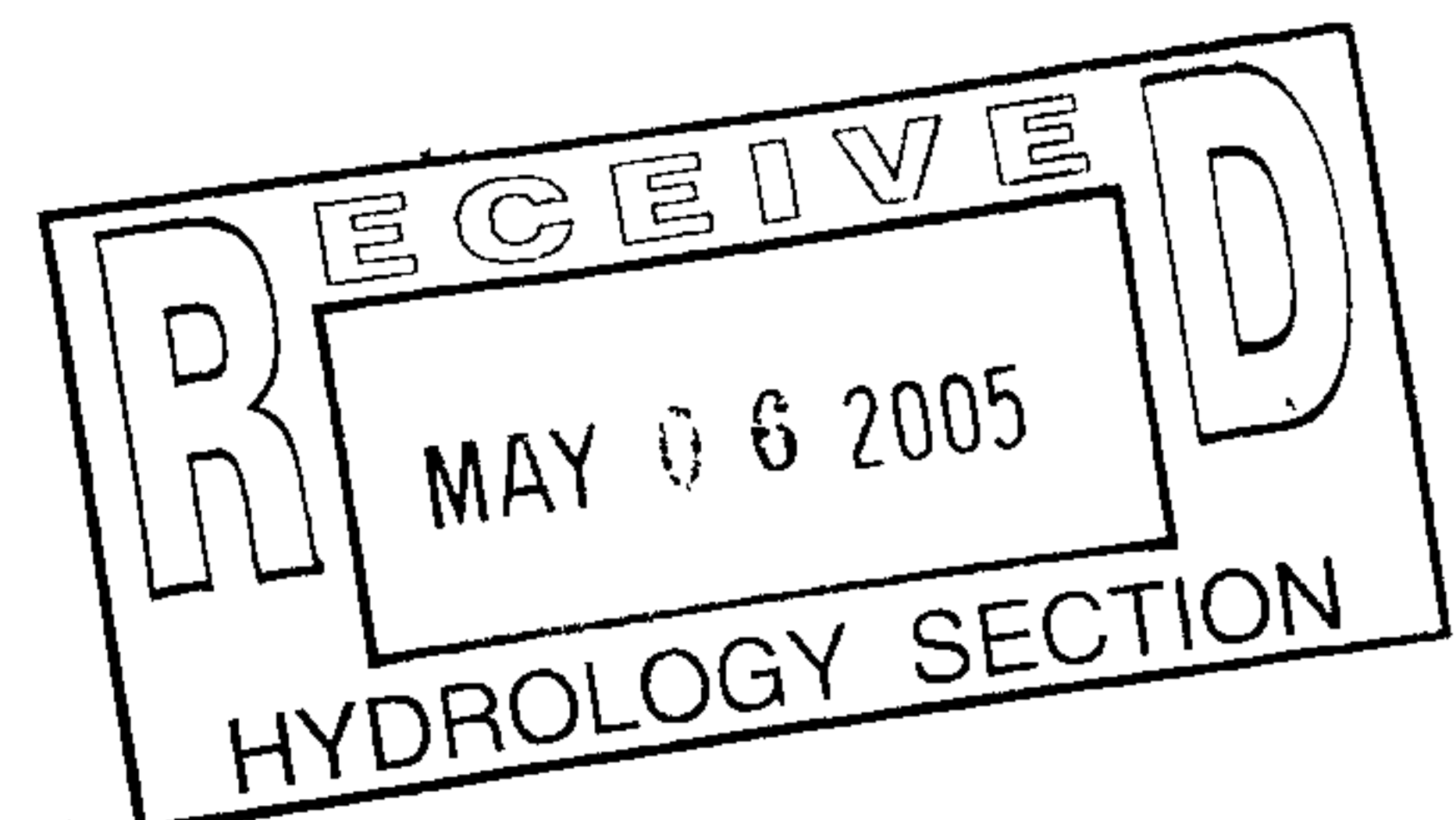
CHECK TYPE OF APPROVAL SOUGHT:

- ☒ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ 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 (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: 5/6/05 BY: [Signature]



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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 and paving permits and site plans less than five (5) acres.
3. Drainage Report: Required for subdivisions containing more than (10) lots or constituting five (5) acres or more.



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 22, 2002

Philip W Clark, PE  
Clark Consulting Engineers  
19 Ryan Rd.  
Edgewood, NM 87015

**Re: Ventura Village Subdivision Drainage Report**  
**Engineer's Stamp dated 10-8-02 (C20/D37)**

Dear Mr. Clark,

Based upon the information provided in your resubmittal dated 10-8-02, the above referenced report is approved for Site Development Plan for Subdivision, Site Development Plan for Building Permit and Preliminary Plat. Prior to Final Plat, Building Permit or Work Order, please address the following.

- A comprehensive, *bound* report including all calculations concerning street hydraulics (with actual depths), inlet capacity, offsite street flows (Carmel) will be required.
- The Work Order for the Carmel SD project (COA# 693481) must be let. (*Closed out 5/27/04*)
- No grading will be allowed on this site until the AMAFCA project is constructed and accepted.

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

Sincerely,

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

C: Terri Martin, CoA  
Lynn Mazur, AMAFCA  
file



# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

C-20/D37

PROJECT TITLE: Ventura Village Subd. ZONE MAP/DRG. FILE #: C-20/D37  
 DRB #: 1001463 EPC#: 02EPC01148/50 WORK ORDER#: \_\_\_\_\_  
 LEGAL DESCRIPTION: LOTS 1-75, BIK. 19, TR. 3, Unit 3 : N. Albug. Ac.  
 CITY ADDRESS: CARMEL AVE, NE

ENGINEERING FIRM: Clark Consulting Engineers  
 ADDRESS: 19 Ryan Rd.  
 CITY, STATE: Edgewood, N.M.

CONTACT: Phil Clark  
 PHONE: 281-2444  
 ZIP CODE: 87015

OWNER: Lave Constr., Inc.  
 ADDRESS: P.O. Box 93642  
 CITY, STATE: Alb. NM 87199

CONTACT: Bob Keeran  
 PHONE: 249-1502  
 ZIP CODE: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 ZIP CODE: \_\_\_\_\_

SURVEYOR: Phil Turner, P.S.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_

CONTACT: Phil  
 PHONE: 379-4301  
 ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_

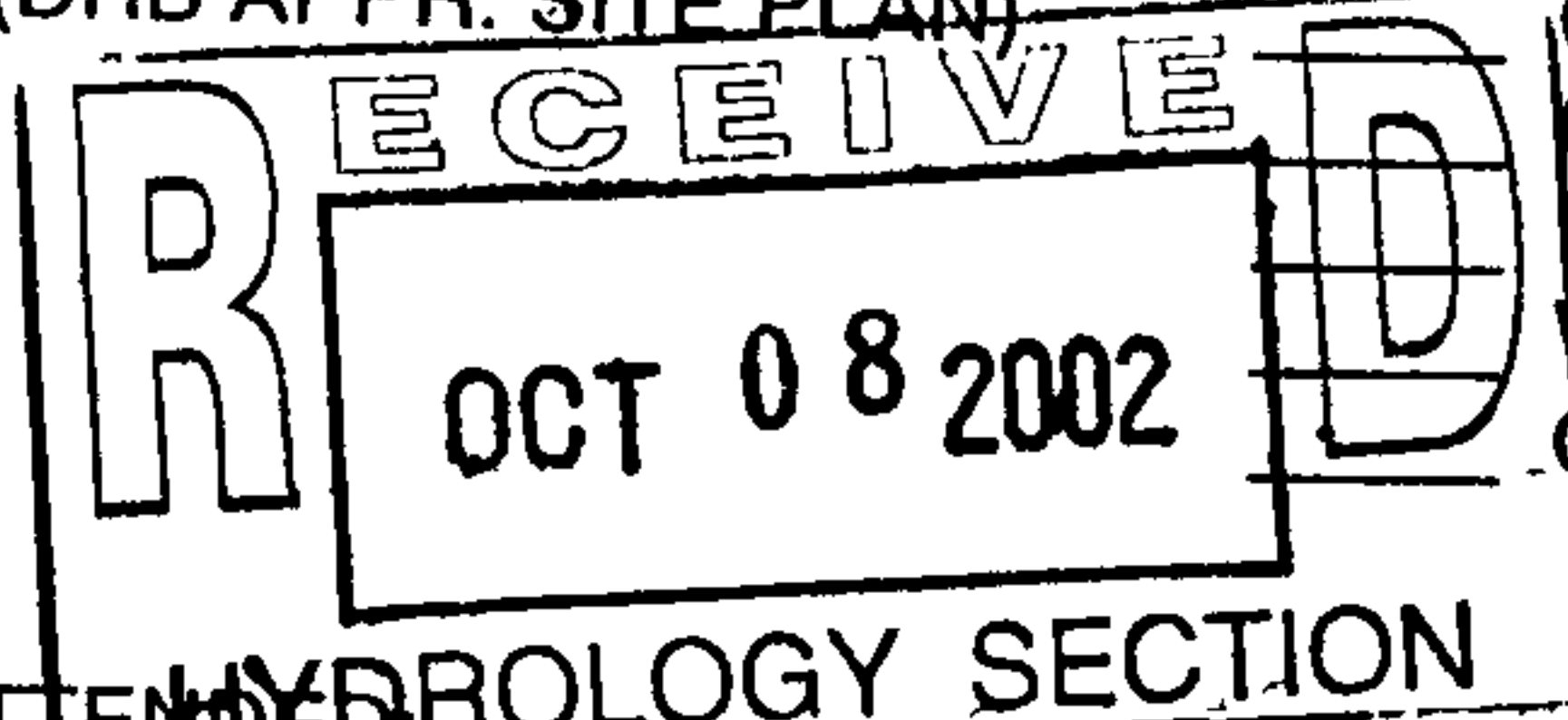
CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 ZIP CODE: \_\_\_\_\_

**CHECK TYPE OF SUBMITTAL:**

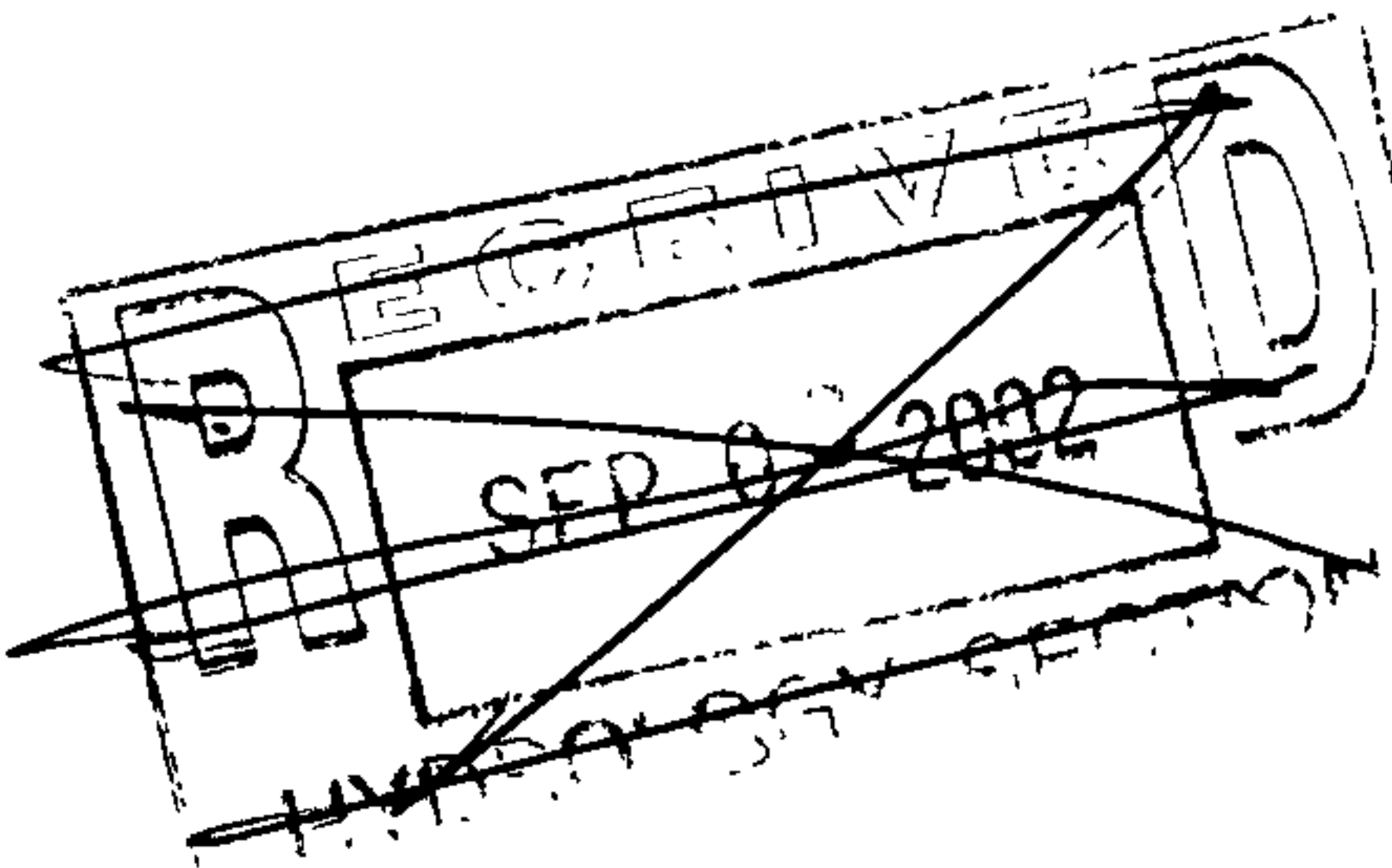
- ☒ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
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- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
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- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)



WAS A PRE-DESIGN CONFERENCE ATTENDED?  
☒ YES  
☐ NO  
☐ COPY PROVIDED



DATE SUBMITTED: 9/3/02 BY: [Signature]

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5)
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or



**Clark Consulting Engineers**

19 Ryan Road  
Edgewood, New Mexico 87015

Tel: (505) 281-2444

F Mail [p.clark@cceng.com](mailto:p.clark@cceng.com)

Fax: (505) 281-2444

Philip W. Clark, P.E.

Date: 10/9/02

## Transmittal

R	RECEIVED	D
	OCT 09 2002	
HYDROLOGY SECTION		

TO: Brad Bingham  
ORGANIZATION: Devel. Services  
FROM: Phil Clark  
REGARDING: Vent. Village Subd. - C20/D37  
DRB Proj. # 100 1463

### ITEM/MESSAGE:

Brad,  
Please find attached revised copy  
of the prelim. plat  
— incldg. cover letter for drainage  
revisions and hydrograph.

Thank you,

*Philip W. Clark*

— Hopefully we will be on DRB agenda  
on Oct. 23, for also SDP sign-offs &  
Prelim. Plat!



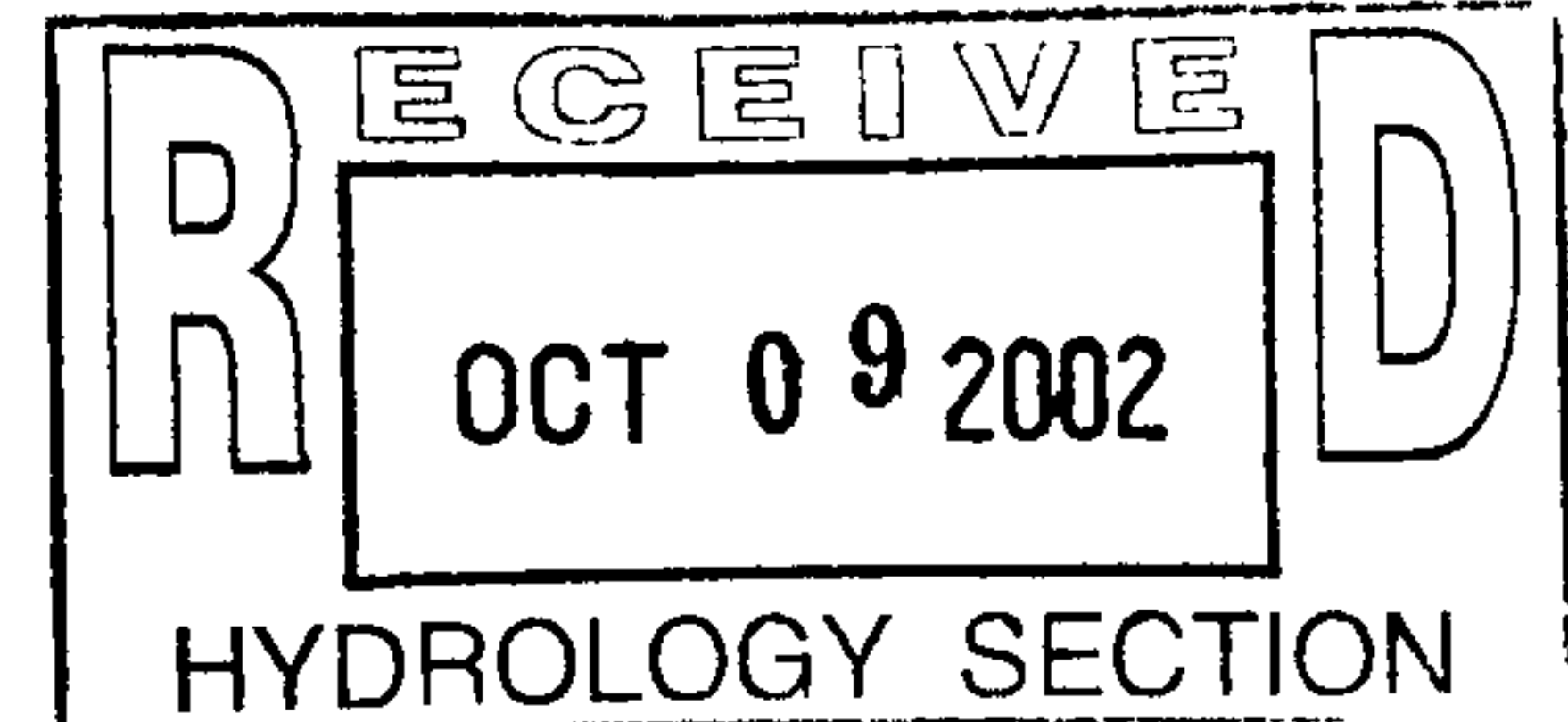
19 Ryan Road  
Edgewood, New Mexico 87015  
E-Mail: ccealbq@aol.com

Tele: (505) 281-2444

Fax: (505) 281-2444

October 9, 2002

Mr. Brad Bingham, P.E., Senior  
Planning Dept. – Development and Building Services  
P.O. Box 1293  
City of Albuquerque  
Albuquerque, NM 87103



RE: Ventura Village Subdivision Grading & Drainage  
Proj. 1001463, Dmg. File C-20/D37

Dear Mr. Bingham:

Please find the revised grading and drainage plan addressing your comments dated 9/23/02. In sequential response please note the following:

- Added spot elevations on Ventura and Holly fronting perimeter wall @ top of wall locations, internal grade to wall + added existing spot elevs. In deed, since we will drain Lots 1-5 to the internal streets, a 3' retaining wall is verified along Ventura. (my office has coordinated with JMA (Graham Means) on the proposed vertical alignment of Ventura).
- Cross-lot drainage has been removed from the concept of the subdivision, and detail revised.
- The Carmel approach slope east to west is 1% for 100-150 feet before the intersection<sup>is</sup> proposed within a short, ½ vertical curve. The final intersection drainage will be determined during the DRC process and further coordinated with JMA in accordance with standard DPM criteria cited. Additionally, residual street flow upstream of the project has not been finalized by JMA.
- Please find a copy of the revised preliminary subdivision plat adding Tract 6A. Interim upstream drainage is addressed by adding an earthen "temporary" detention facility to be maintained by the developer incase the anticipated Don Hoech developments do not occur.
- Our project remains contingent upon the Carmel Ave./AMAFCA joint venture storm drain trunk line, but does not assume collection thereto. Therefore, the Tr. 6A pond is required.

Please let me know if you have any questions, or need any further information.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Philip W. Clark'.

Philip W. Clark, P.E.  
Clark Consulting Engineers



Tele: (505) 281-2444

19 Ryan Road  
Edgewood, New Mexico 87015

Fax: (505) 281-2444

DATE: 10-8-02

PROJECT: Ventura Village  
Drng. C-20/D-37

## CALCULATIONS

### - Tr. 6A, Detention Facility

UPSTREAM DEVELOPED RUN-OFF FROM LOT 6, BLOCK 19, TO HOLBROOK  
NORTH DOMINGO BACA ARROYO, Reference FEMA Restudy Q100=231 CFS  
+ 24 Acres X 2.9 CFS/Ac. = 300 CFS

#### DETERMINE POND SIZE

DETENTION POND PER HYDROGRAPH & DPM, Section A.8  
STORAGE VOLUME (Required) = VOLUME AREA ABOVE ALLOWABLE RELEASE  
ASSUME: 17% IMPERVIOUS (Majority within County, A-1 Zone)  
Zone 3, E=0.94 IN.

