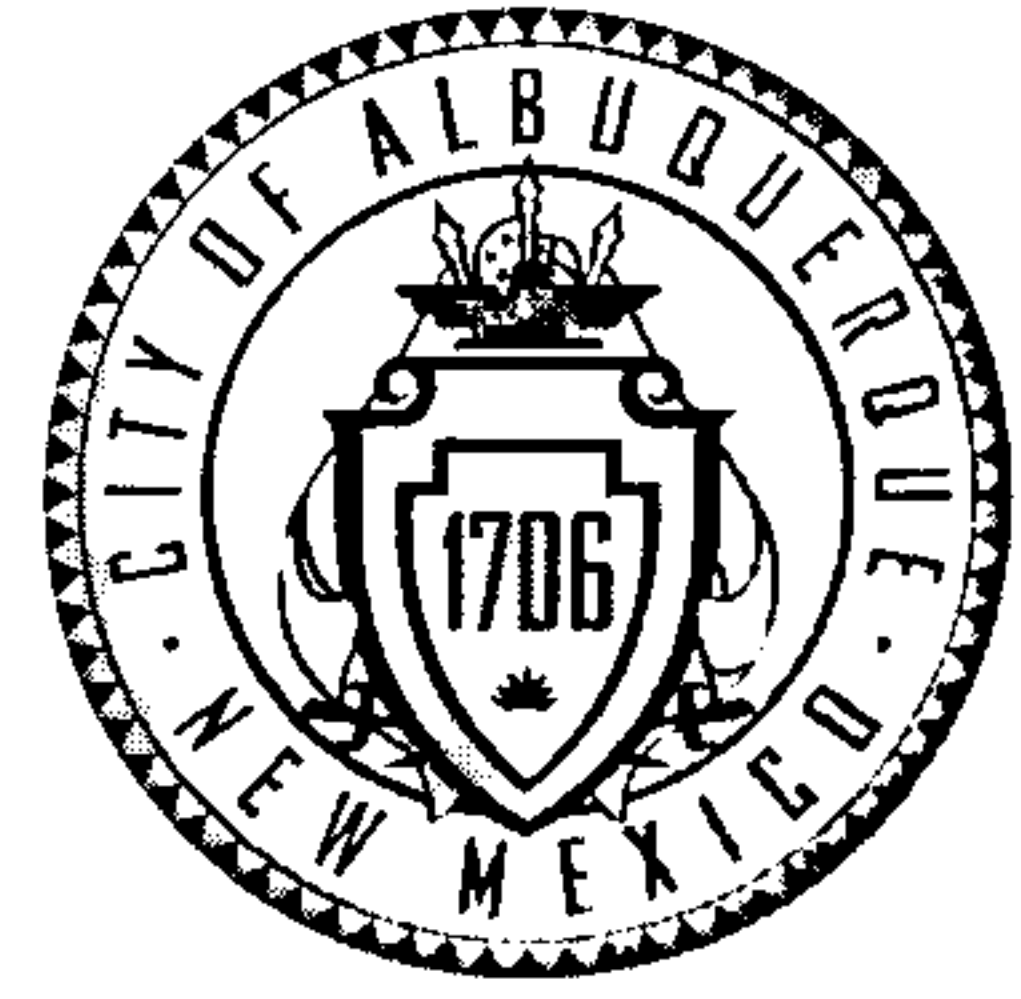


# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



October 2, 2014

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199

Richard J. Berry, Mayor

RE: **Hurt Residence, Lot 11, Block 5 Unser Cliffs**  
**Grading and Drainage Plan**  
**Engineer's Stamp Date 10-1-14 (File: E10D025)**

Dear Mr. Soule:

Development in SAD 227 is to comply with the **SAD 227, Unser Boulevard Middle Section Drainage Report** (Wilson & Co, 2003) which states: "an architectural review committee for the property owners association will control and monitor the lot development". Therefore the **SAD 227 Development Guidelines** are enforced by the architectural review committee, and includes the Grading and Drainage guidelines. In general, the Guidelines allow for cross-lot drainage and the downstream properties are to carry the flow to the street. Cut and fill is to be kept to a minimum.

PO Box 1293

Grading and Drainage Plans and a formal review from hydrology will generally not be required for SAD 227 unless there is potential for upstream or downstream properties to be adversely affected. Nonetheless, the architectural review committee should be reviewing all lots for adherence to the guidelines.

Albuquerque

New Mexico 87103

Based upon the information provided in your submittal received 9-30-14, this lot discharges runoff to public ROW/easements and not into adjacent lots, and does not require a formal review from hydrology. Since a Grading and Drainage plan has been submitted, Hydrology has reviewed the submittal anyhow. Based upon our review, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan in the construction sets when submitting for a building permit.

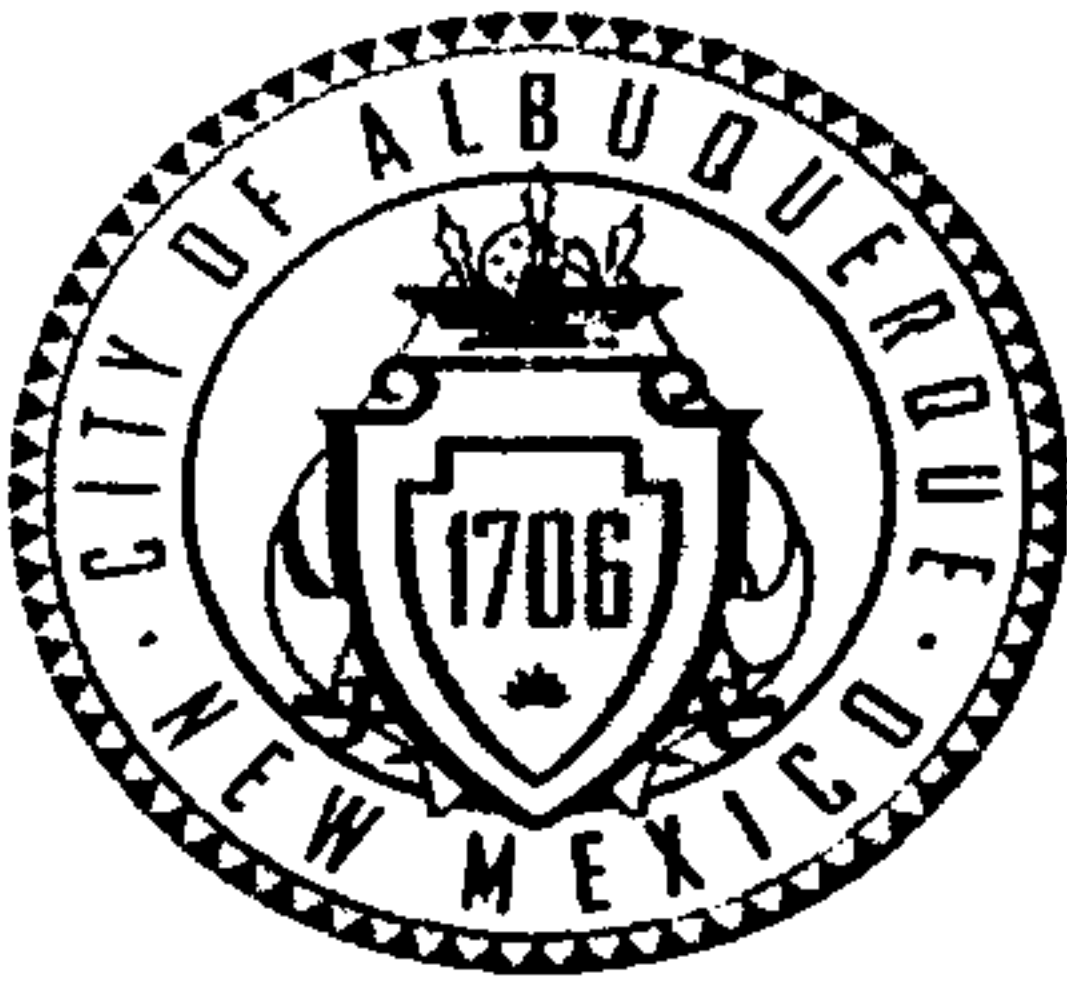
www.cabq.gov

If you have any questions, you can contact me at 924-3695.

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file  
c.pdf: via Email: Recipient, Monica Ortiz



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: HURT RESIDENCE Building Permit #: \_\_\_\_\_ City Drainage #: E10-D025  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: LLOT 11, BLOCK 5 UNSER CLIFFS  
City Address: MARIGOLD

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE  
Address: PO BOX 93924, ALBUQUERQUE, NM 87199  
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: DR HURT Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: NA Contact: PETER BUTTERFIELD  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CONSTRUCTION SURVEY, INC Contact: DAVID ACOSTA  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

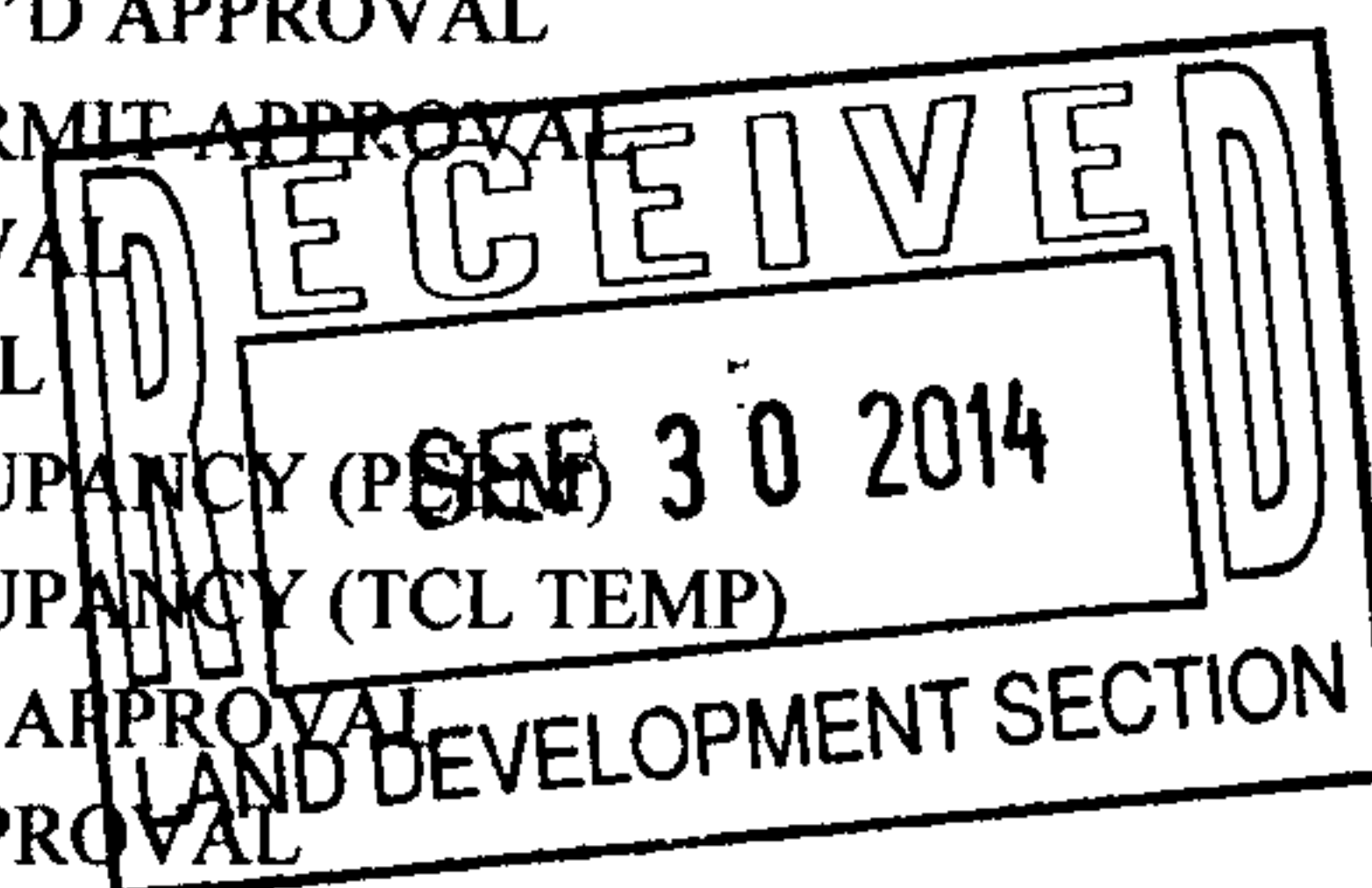
Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

### TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☒ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
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- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) \_\_\_\_\_

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PSE)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
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- ☒ BUILDING PERMIT APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) \_\_\_\_\_



WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_ Yes ☒ No \_\_\_\_\_ Copy Provided

DATE SUBMITTED: 9/30/14 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 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
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

RIO GRANDE ENGINEERING OF NEW MEXICO, LLC

September 30, 2014

Ms. Rita Harmon  
Hydrology Department  
Public Works Department  
City of Albuquerque

**RE: Drainage Resubmittal  
Hurt Residence Lot 11, block 5 Unser Cliffs  
E10-D025**

Dear Ms Harman:

The purpose of this letter is to accompany the revised plan. The plan has been revised to address your written comments dated July 30, 2014. The following is a summary of your comments and the corrections we have done to address.

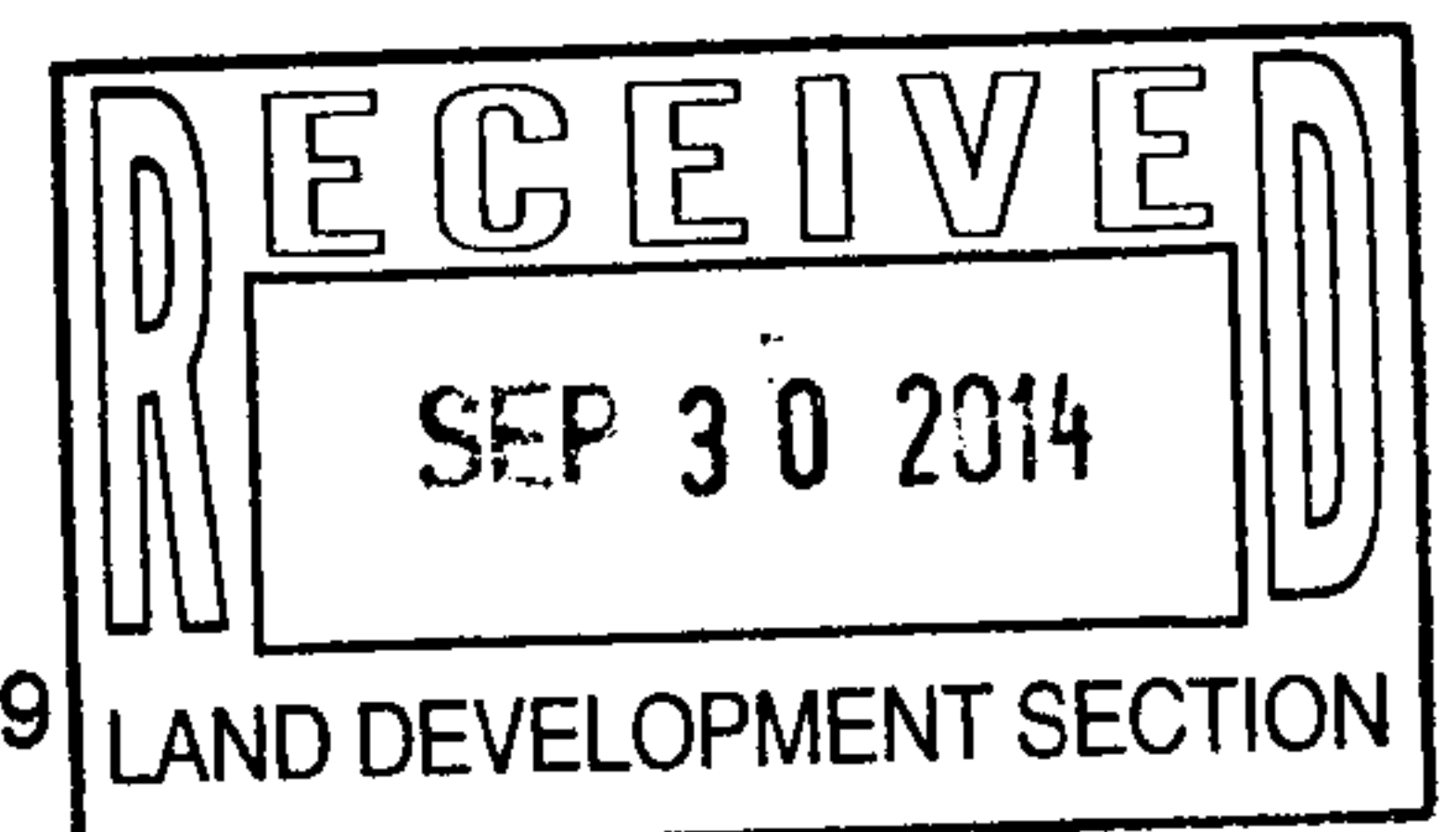
1. Existing contours too light  
**We have darkened**
2. Indicate zone page  
**We have added**
3. provide existing and proposed drainage calcs  
**We have added**
4. Provide drainage narrative  
**We have added**
5. quantify offsite flows  
**We have added on the calculation chart**
6. indicate contributing area  
**We have attached the map, the limits based upon city 2' contours, but we were not able to print out that for format, so we drew on google earth print out.**
7. Show easements.  
**All easements are shown**
8. Turn blocks only on the northeast side. Prove rundown  
**We have added the turned blocks only on northeast side. We have added narrative regarding how offsite flow is handled. The total flow leaving the site is less than existing**
9. Consider draining to marigold  
**Due to roof height restrictions, We are not able to raise the finished floor enough to drain over the top of curb.**

Should you have any questions regarding this submittal, please do not hesitate to call me.

Sincerely,



David Soule, PE  
Rio Grande Engineering  
PO Box 93924  
Albuquerque, New Mexico 87199  
505-321-9099





# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services

January 26, 2015

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199



Richard J. Berry, Mayor

**RE: Hurt Residence, Lot 11, Block 5 Unser Cliffs  
Grading and Drainage Plan  
Engineer's Stamp Date 1-22-15 (File: E10D025)**

Dear Mr. Soule:

Based upon the information provided in your submittal received 1-22-15, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan in the construction sets when submitting for a building permit. 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 924-3695.

PO Box 1293

Albuquerque

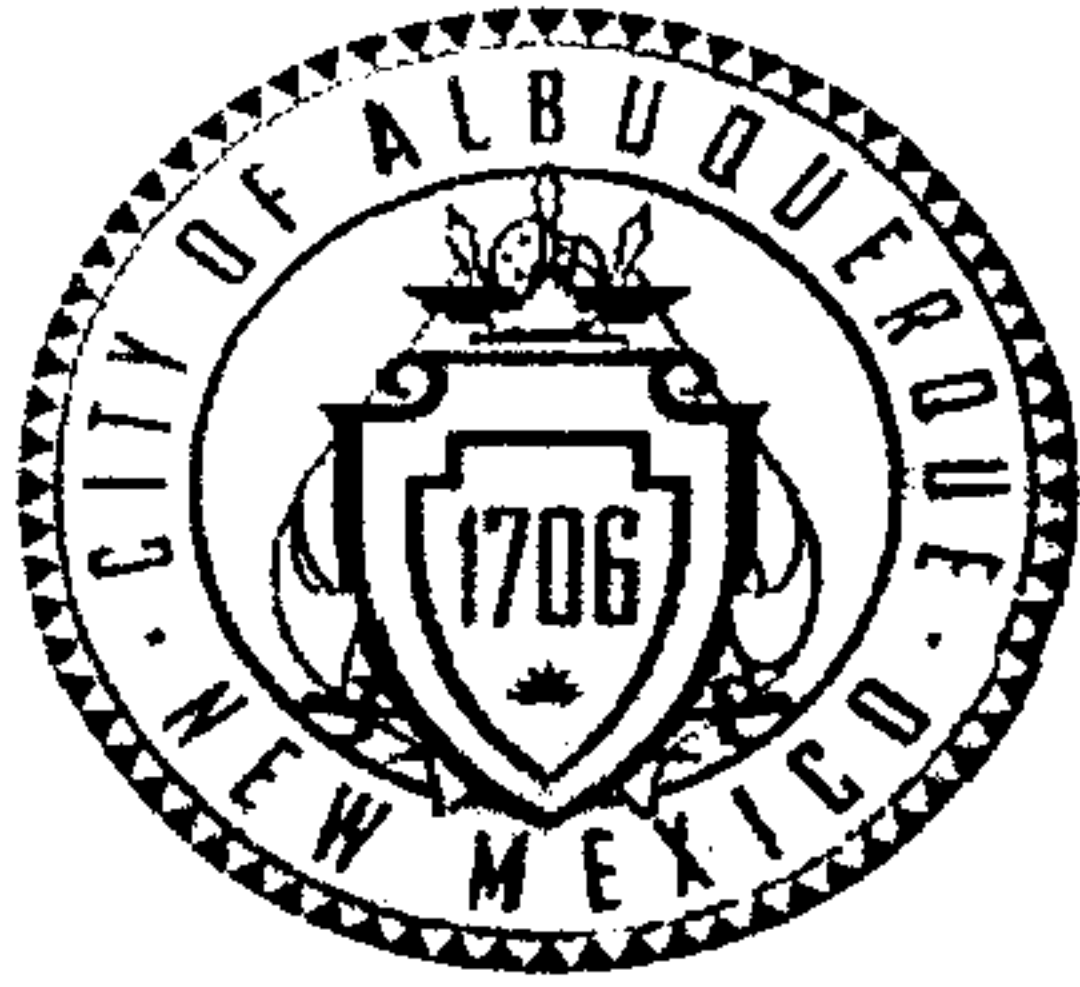
New Mexico 87103

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

[www.cabq.gov](http://www.cabq.gov)

Orig: Drainage file  
c.pdf: via Email: Recipient, Monica Ortiz



# City of Albuquerque

## Planning Department

### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: HURT RESIDENCE Building Permit #: \_\_\_\_\_ City Drainage #: E10-D025  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: LLOT 11, BLOCK 5 UNSER CLIFFS  
City Address: MARIGOLD

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE  
Address: PO BOX 93924, ALBUQUERQUE, NM 87199  
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: DR HURT Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: NA Contact: PETER BUTTERFIELD  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

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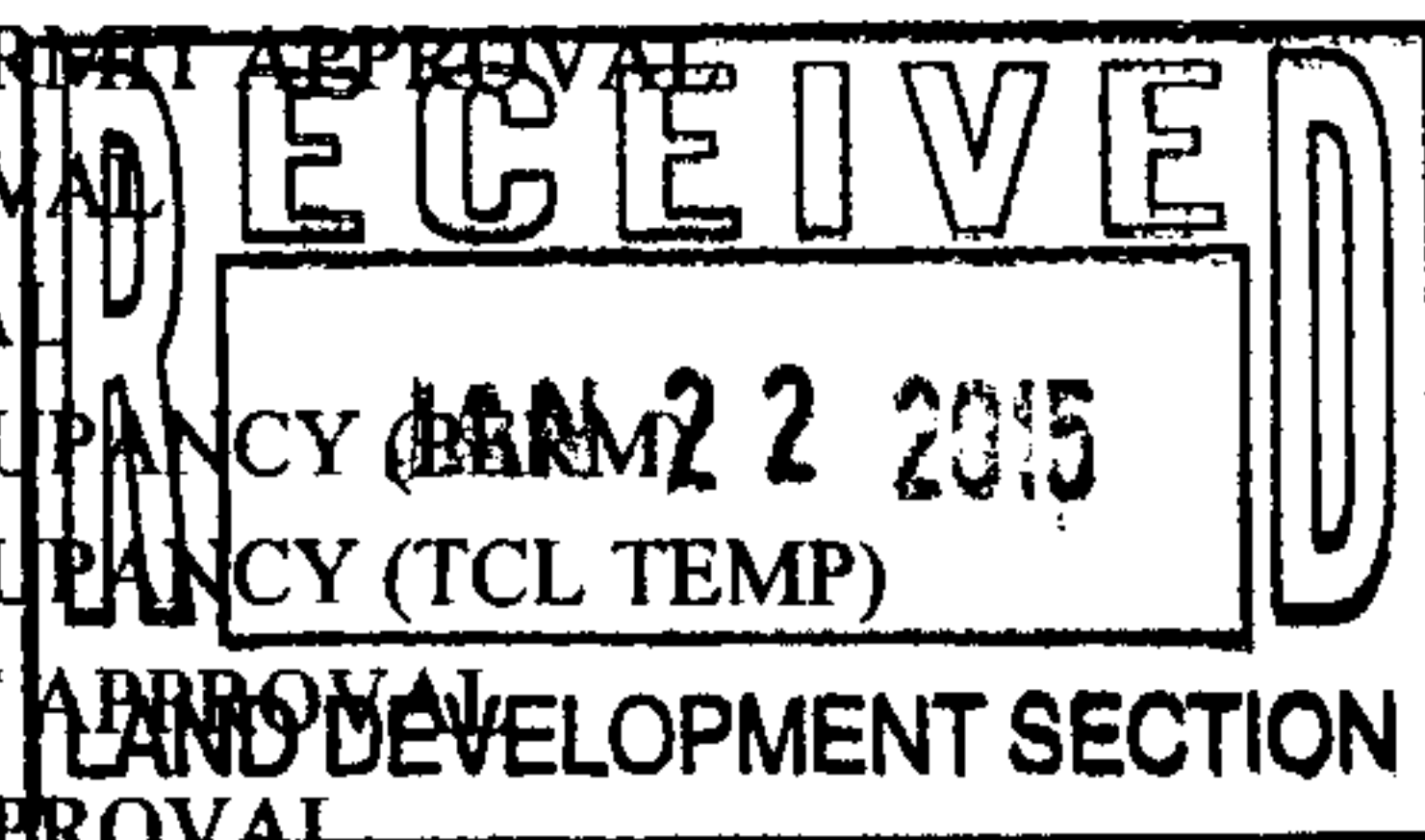
Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_  
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- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) \_\_\_\_\_



WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_ Yes ☒ No \_\_\_\_\_ Copy Provided \_\_\_\_\_

DATE SUBMITTED: 9/30/14 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:

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## Weighted E Method

EAGLE CREST

### Existing Developed Basins

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year, 6-hr.			10-day
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)
PROPOSED	12636	0.290	0%	0	30.0%	0.087	34.0%	0.09863	42%	0.122	1.365	0.033	0.99	0.049
UPLAND FLOW(worst case)	16773	0.385	0%	0	30.0%	0.116	40.0%	0.15402	25%	0.096	1.085	0.035	1.00	0.048
EXISTING	13036.6	0.299	70%	0.2095	0.0%	0.000	0.0%	0	30%	0.090	0.899	0.022	0.66	0.034
ALLOWED PER DMP	13036.6	0.299	0%	0	30.0%	0.090	40.0%	0.11971	25%	0.075	1.090	0.027	0.85	

### Equations:

Weighted E =  $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d$  / (Total Area)

Volume = Weighted D \* Total Area

Flow =  $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$

Where for 100-year, 6-hour storm (zone 1):

Ea= 0.44	Qa= 1.29
Eb= 0.67	Qb= 2.03
Ec= 0.99	Qc= 2.87
Ed= 1.97	Qd= 4.37

### FLOW SUMMARY

LEAVING SITE	2.00	CFS
WATER HARVEST REQUIREMENT	369.37	CUBICFEET
PONDING PROVIDED	1036.00	

TOTAL FLOW DISCHARGING TO RIGHT OF WAY IS	2.00	CFS
TOTAL VOLUME GENERATED ONSITE	1434.05	
TOTAL VOLUME LEAVING SITE	398.05	
HISTORICAL VOLUME LEAVING SITE	976.659	

SITE IS LOCATED WITHIN BASIN 11 OF THE DRAINAGE PLAN FOR THE SAD 227 (D-10) THE LOT IS LOCATED BELOW THE ROADWAY AND NOT ABLE TO GET TO DRAIN TO INLET DUE TO HEIGHT RESTRICTIONS. THE SITE CURRENTLY HAS SIGNIFICANT ROCK OUT CROPPINGS AND THE INCREASE DISCHARGE IS DEMINIMOUS. THE TOTAL FLOW LEAVING THE SITE IS LESS THAN HISTORICAL AND IN CONFORMANCE TO THE APPROVED GRADING PLAN. THE SURFACE AREA OF POOL HAS BEEN SUBTRACTED FROM BASIN AREA. POOL DECK AREA HAS BEEN ACCOUNTED FOR IN THE LAND TREATMENT.





## Legend

- ☐ City Parcels
- ☐ 2 Foot Contours
- Municipal Limits**
  - ☐ CORRALES
  - ☐ EDGEWOOD
  - ☐ LOS RANCHOS
  - ☐ RIO RANCHO
  - ☐ TIJERAS
  - ☐ UNINCORPORATED AREAS
- ☐ World Street Map

## Notes

0.0 0 0.02 0.0 Miles

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
1/22/2015 © City of Albuquerque

This map is a user generated static output from [www.cabq.gov/gis](http://www.cabq.gov/gis) and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.  
THIS MAP IS NOT TO BE USED FOR LEGAL PURPOSES

1:2,240



# Channel Capacity

	Top Width	Bottom Width	Depth	Area	WP	R	Slope	Q Provided	Q Required	Velocity
	(ft)	(ft)	(ft)	(ft^2)	(ft)		(%)	(cfs)	(cfs)	(ft/s)
Beginning	4.5	0	0.67	1.51	4.70	0.3210675	1	3.51	2.00	1.33

Manning's Equation:  
 $Q = 1.49/n * A * R^{2/3} * S^{1/2}$   
A = Area  
R = D/4  
S = Slope  
n = 0.03



Excerpt from

E10 SAD 227

### Hydrology:

The existing hydrology for this area is included in the AMAFCA "Boca Negra – Mariposa Arroyo Hydrologic & Hydraulic Analysis Summary Report" prepared by Resource Technology, Inc. (Reference 1). The existing conditions run off for the study area are tabulated below.

<u>Basin and Analysis Point</u>	<u>Existing Q100 cfs</u>	<u>Developed Q100 cfs</u>
Boca Negra Arroyo:		
S. Leg Boca Negra at 81 <sup>st</sup> Street (offsite)	366	366
N. Leg Boca Negra at 81 <sup>st</sup> Street (offsite)	229	229
Combined Boca Negra at Escarpment (offsite & onsite)	576	366

File  
D10 SAD 227

#### San Antonio Arroyo:

Monte Carlo (100) at 81 <sup>st</sup> Street (offsite)	71	71
Discharge at Montano	135	399

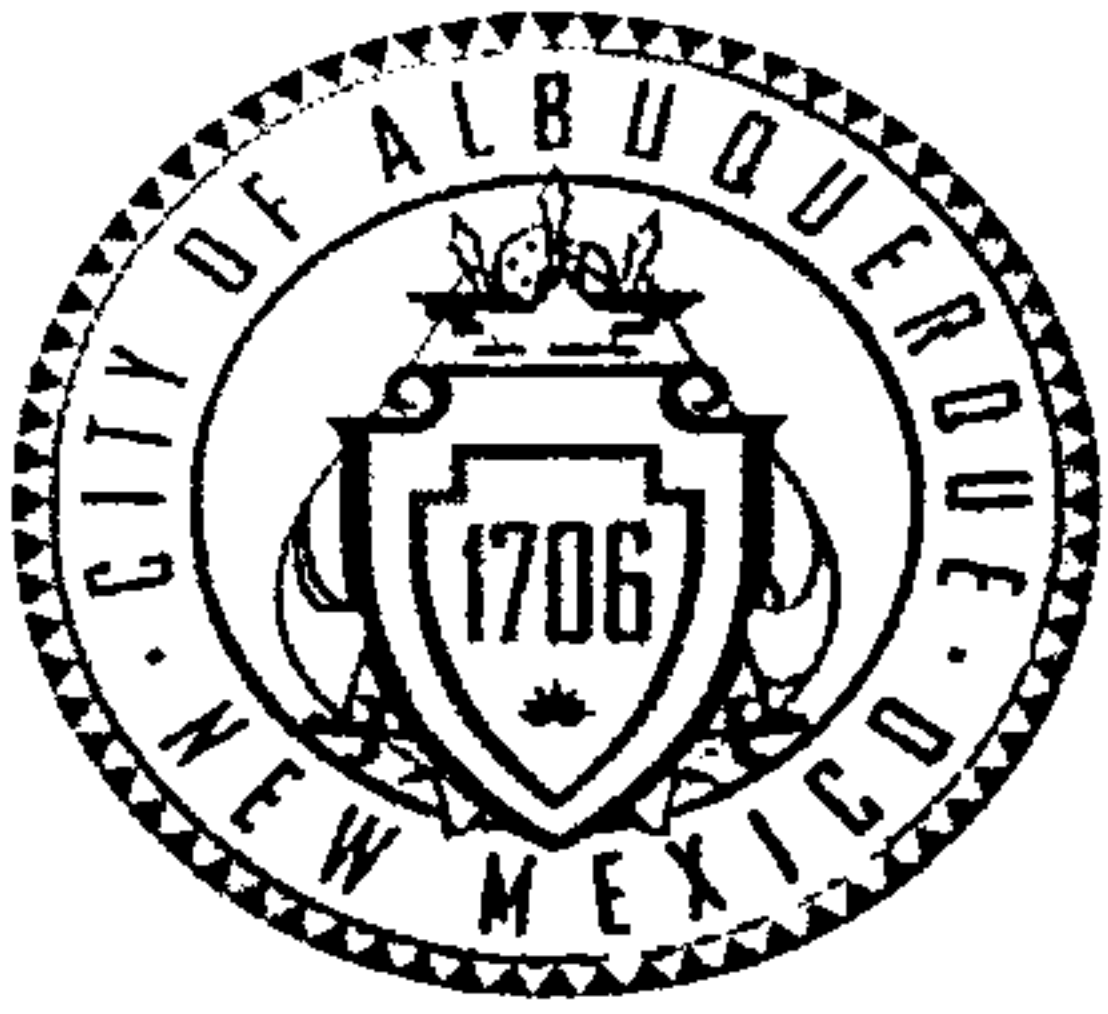
The table below shows the land treatment and runoff within the SAD. See Plates 2, 3, and 4 for locations of the basins.

Basin	Area (ac)	A	B	C	D	Q (cfs)
1	11.1	12%	15%	39%	34%	25
2	3.4	12%	15%	39%	34%	9
3	4.6	12%	15%	39%	34%	12
4	8.6	12%	15%	39%	34%	8
5	5.4	12%	15%	39%	34%	14
6	2.8	12%	15%	39%	34%	7
7	6.8	12%	15%	39%	34%	18
8	4.7	12%	15%	39%	34%	12
9	2.1	12%	15%	39%	34%	4
10	2.5	12%	15%	39%	34%	5
11	9.2	12%	15%	39%	34%	24
A1	3.1	12%	15%	39%	34%	8
A2	8.2	12%	15%	39%	34%	22
A3	9.7	12%	15%	39%	34%	25
A4a	10	12%	15%	39%	34%	20
A4b	5.7	12%	15%	39%	34%	13
A4c	3.1	12%	15%	39%	34%	8
A5	8.2	95%	5%	0%	0%	14
A6	63	0%	100%	0%	0%	51
A7	5.9	12%	15%	39%	34%	15
A8	4.7	12%	15%	39%	34%	10

Plate 4

From E10  
SAD 227  
Report  
 $\frac{24}{9.2} = 2.60 \frac{\text{cfs}}{\text{Ac}}$   
Allowed.





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Verbal  
No

Project Title: HURT RESIDENCE Building Permit #: \_\_\_\_\_ City Drainage #: E10-D025  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: LLOT 11, BLOCK 5 UNSER CLIFFS  
City Address: MARIGOLD

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE  
Address: PO BOX 93924, ALBUQUERQUE, NM 87199  
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: DR HURT Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: NA Contact: PETER BUTTERFIELD  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CONSTRUCTION SURVEY, INC Contact: DAVID ACOSTA  
Address: \_\_\_\_\_  
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Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
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### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

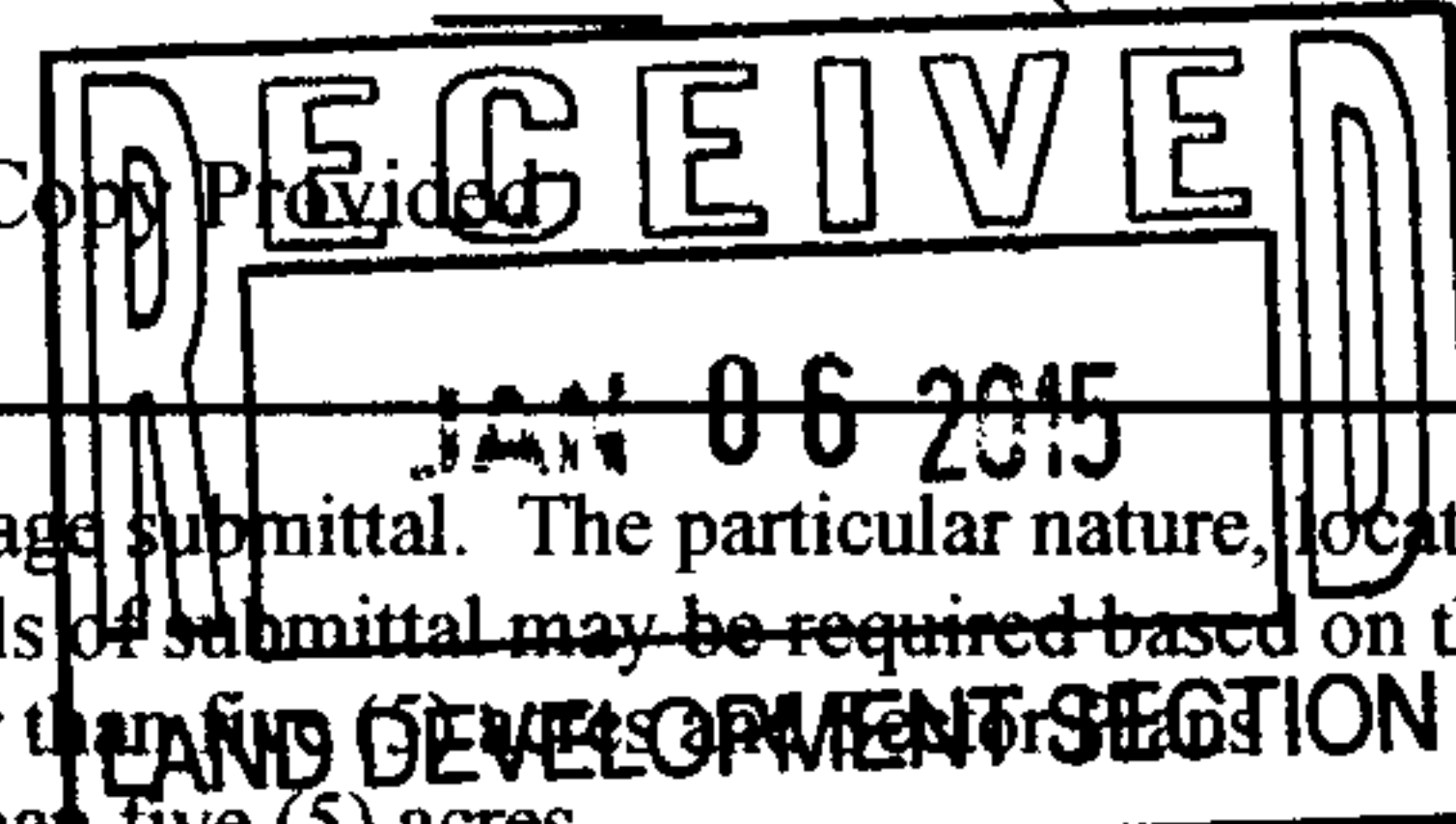
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- ☐ OTHER (SPECIFY) \_\_\_\_\_

WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_ Yes ☒ No \_\_\_\_\_ Copy Provided \_\_\_\_\_

DATE SUBMITTED: 1/5/15 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:

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# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



July 30, 2014

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199

Richard J. Berry, Mayor

**RE: Hurt Residence, Lot 11, Block 5 Unser Cliffs  
Grading and Drainage Plan  
Engineer's Stamp Date 7-7-14 (File: E10D025)**

Dear Mr. Soule:

Based upon the information provided in your submittal received 7-7-14, the above referenced submittal cannot be approved for Building Permit nor for Grading Permit until the following comments are addressed.

1. Existing contours are too light too be seen
2. Indicate Zone Atlas Coordinates
3. Provide Existing and proposed drainage calculations.
4. Provide Summary or Narrative explaining drainage Scheme
5. Quantify offsite flows, if any
6. Indicate Contributing Area
7. Any easements?
8. As discussed, turned CMU Block only to occur on discharge side of property. Plan states a rundown collects runoff, and conveys to Public Storm Drain. Are there Curb cuts in Casa Blanca Cul-de-sac to convey flow to inlet? It there a rundown or a pedestrian path? Show section of rundown.
9. Consider draining to inlet at the end of Marigold with water harvesting pond in front. FL Elevations in Marigold Cul-de-sac are lower than the FP EL.

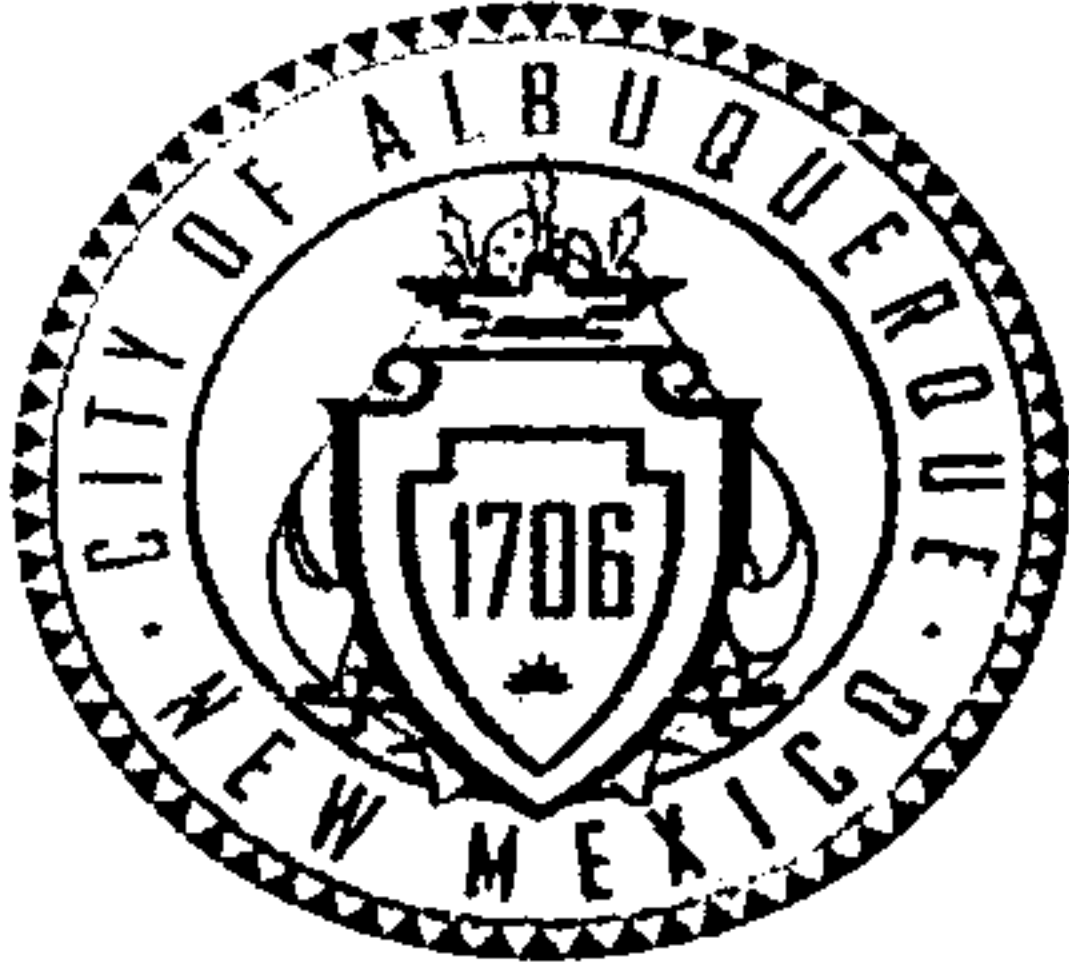
If you have any questions, you can contact me at 924-3695.

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file  
c.pdf: via Email: Recipient





# City of Albuquerque

## Planning Department

### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: HURT RESIDENCE Building Permit #: \_\_\_\_\_ City Drainage #: E100025

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: LOT 11, BLOCK5 UNSER CLIFFS

City Address: 6609 RIMROCK

Engineering Firm: RIO GRANDE ENGINEERING

Contact: DAVID SOULE

Address: PO BOX 93924, ALBUQUERQUE, NM 87199

Phone#: 505.321.9099

Fax#: 505.872.0999

E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: HURT

Contact: \_\_\_\_\_

Address: 7901 MARIGOLD NW ALB NM

Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: \_\_\_\_\_ Contact: JOE SIMONS

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CONSTRUCTION SURVEY TECHNOLOGIES

Contact: JOHN GALLEGOS

Address: \_\_\_\_\_

Phone#: 917.8921 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

#### TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN 1st SUBMITTAL  
☐ DRAINAGE PLAN RESUBMITTAL  
☐ CONCEPTUAL G & D PLAN  
☒ GRADING PLAN  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
☐ ENGINEER'S CERT (HYDROLOGY)  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ ENGINEER'S CERT (TCL)  
☐ ENGINEER'S CERT (DRB SITE PLAN)  
☐ ENGINEER'S CERT (ESC)  
☐ SO-19  
☐ OTHER (SPECIFY) \_\_\_\_\_

#### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

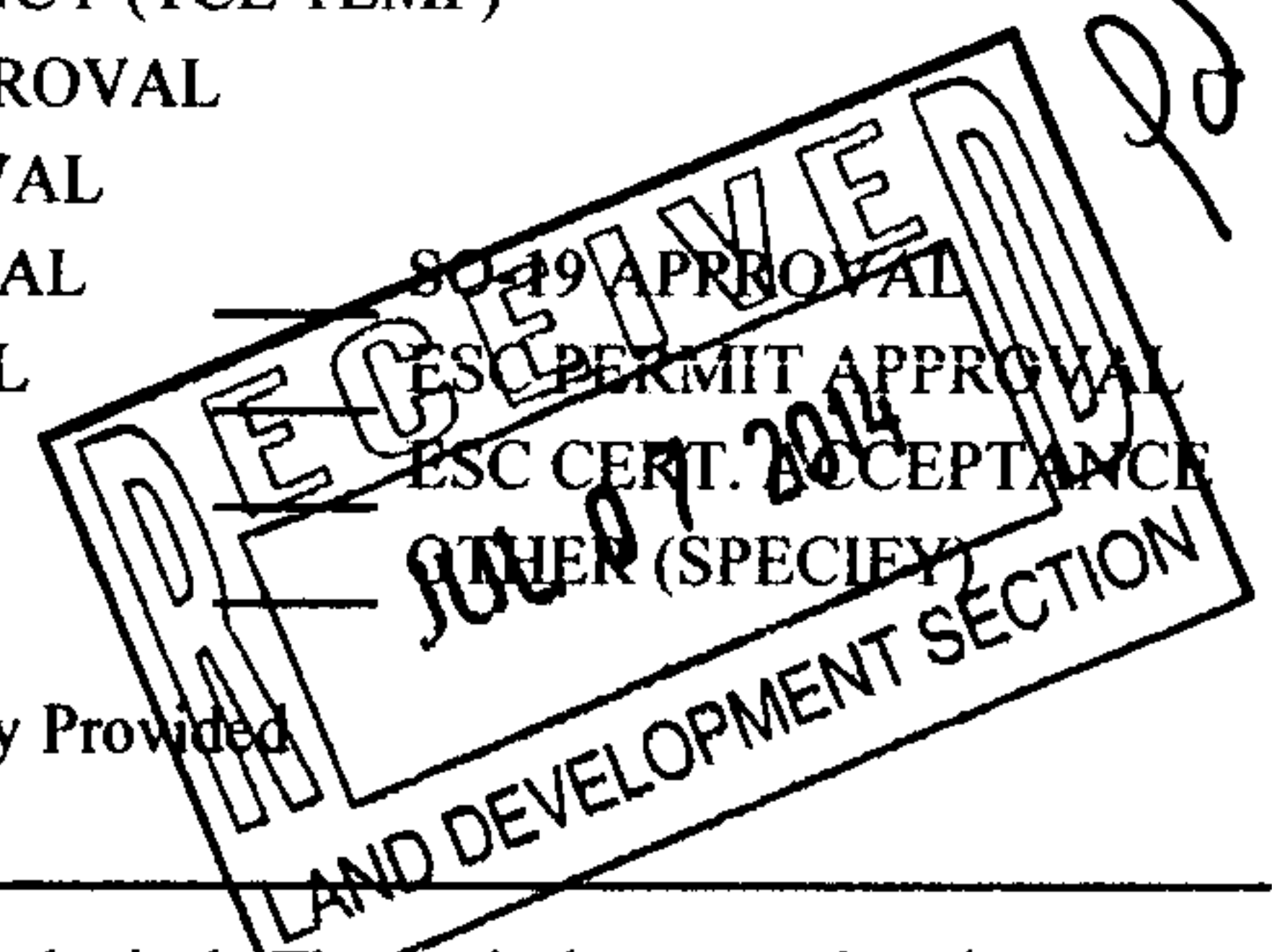
- ☐ SIA/FINANCIAL GUARANTEE RELEASE  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D APPROVAL  
☐ S. DEV. FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY (PERM)  
☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING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

WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_ Yes ☒ No \_\_\_\_\_ Copy Provided \_\_\_\_\_

DATE SUBMITTED: 7/7/14 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
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development





## David Soule

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**From:** Sims, Timothy E. [tsims@cabq.gov]  
**To:** David Soule  
**Sent:** Monday, July 07, 2014 7:32 AM  
**Subject:** Read: NEW DRAINAGE SUBMITTAL- LOT11 BLOCK 5 UNSER CLIFFS

Your message

**To:** 'David Soule'; Ortiz, Monica; Sims, Timothy E.; Michel, Racquel M.; Harmon Rita T.; Rael, Rudy E.  
**Subject:** NEW DRAINAGE SUBMITTAL- LOT11 BLOCK 5 UNSER CLIFFS  
**Sent:** Mon, 7 Jul 2014 07:03:28 -0600

was read on Mon, 7 Jul 2014 07:31:40 -0600

