

# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

November 16, 2017

Mark Goodwin, P.E.  
Mark Goodwin and Associates  
PO Box 90606  
Albuquerque, NM 87199

**RE: Desert Sands Unit 1 – Violation Resolved**  
**G&D Plan Engineer's Stamp Date: 8/18/2016**  
**Certification Date 11/14/2017**  
**Hydrology File: N09D014**

Dear Mr. Goodwin:

Based on the information provided in the submittal received on 11/14/2017 the above-referenced Certification of Resolved Violation is acceptable. The maintenance plan for the temporary pond requires the owner to inspect the pond frequently and repair any erosion promptly. The owner is further required to provide an Engineer's Certification, like this one, each time the City gives Notice of a Violation. This letter indicates City Hydrology's acceptance of the above referenced Certification that the erosion identified in the Violation letter dated 10/11/2017 has been repaired to the satisfaction of City Hydrology and no further action is required of the owner or developer at this time.

If you have any questions, please contact me at 924-3986 or [jhughes@cabq.gov](mailto:jhughes@cabq.gov).

Sincerely,

James D. Hughes  
Principal Engineer, Planning Dept.  
Development Review Services



D. Mark Goodwin & Associates, P.A.  
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199  
(505) 828-2200 FAX 797-9539

*~ 2012 ACEC/NM Award Winner for Engineering Excellence ~  
~ 2008 ACEC/NM Award Winner for Engineering Excellence ~*

**November 14, 2017**

**Mr. Shahab Biazar, PE  
City of Albuquerque  
600 2<sup>nd</sup> Street  
Albuquerque, NM 87102**

**Re: Notice of Violation Letter Dated 10/10/2017**

**Dear Mr. Biazar,**

**Attached, please find our certification that the Erosion and Damage cited in the referenced letter has been rectified for the approved Grading and Drainage Plan.**

**We wish to point out that it is our opinion that existing roadside drainage contributed in part to the erosion and will continue to do so.**

**With this submittal we are requesting City acknowledgement that the problem has been satisfactorily remedied.**

**If you have any further questions, please feel free to contact me directly.**

**Sincerely,  
MARK GOODWIN & ASSOCIATES, PA**

**Mark Goodwin, PE  
President**

**DMG/kb**



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

**Project Title:** Desert Sands **Building Permit #:** \_\_\_\_\_ **City Drainage #:** N09D014  
**DRB#:** 1005224 **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_  
**Legal Description:** Desert Sands Unit 1A  
**City Address:** 98th St at Colobel Ave

**Engineering Firm:** Mark Goodwin & Associates **Contact:** Mark Goodwin  
**Address:** PO Box 90606 Albuquerque NM 87199  
**Phone#:** 505-828-2200 **Fax#:** 505-897-7539 **E-mail:** mark@goodwinengineers.com

**Owner:** LGI Homes - New Mexico, LLC **Contact:** Price Nosky  
**Address:** 9150 E Del Camino Drive, Suite 118 Scottsdale AZ 85258  
**Phone#:** 415-595-4293 **Fax#:** \_\_\_\_\_ **E-mail:** price.nosky@lghomes.com

**Architect:** n/a **Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

Check all that Apply:

### DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF SUBMITTAL:

☒ ENGINEER/ ARCHITECT CERTIFICATION  
  
☐ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
  
☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

**DATE SUBMITTED:** 11/14/2017 **By:** Mark Goodwin

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

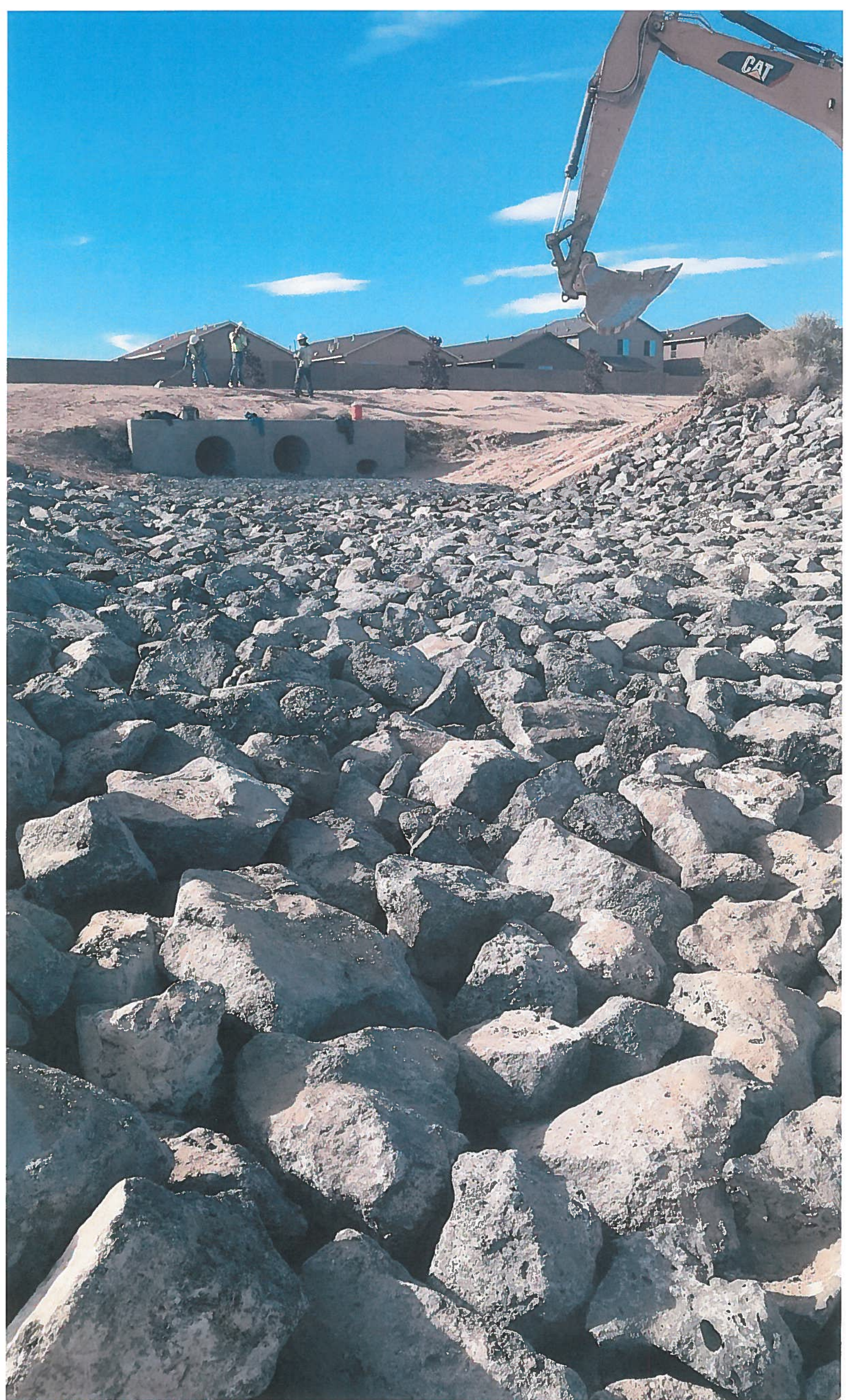
☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY  
  
☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE  
☐ FOUNDATION PERMIT APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
  
☐ PRE-DESIGN MEETING  
☒ OTHER (SPECIFY) Erosion Control Repair East of 98th Street

COA STAFF: \_\_\_\_\_ ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

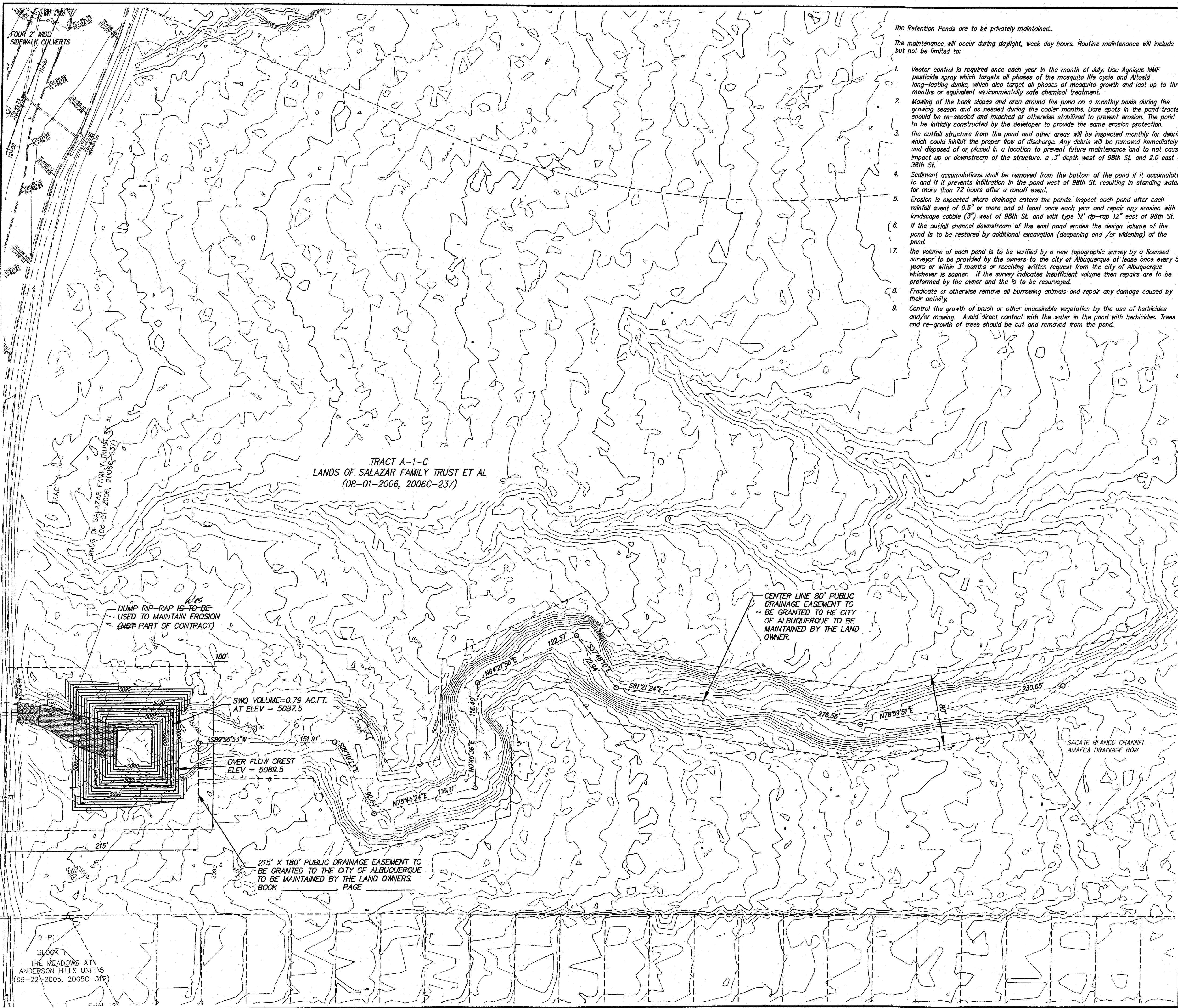










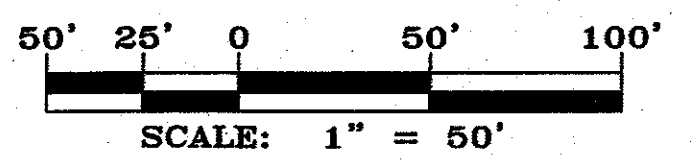


- The Retention Ponds are to be privately maintained.
- The maintenance will occur during daylight, week day hours. Routine maintenance will include but not be limited to:
1. Vector control is required once each year in the month of July. Use Agnique MMF pesticide spray which targets all phases of the mosquito life cycle and Altosid long-lasting dunks, which also target all phases of mosquito growth and last up to three months or equivalent environmentally safe chemical treatment.
  2. Mowing of the bank slopes and area around the pond on a monthly basis during the growing season and as needed during the cooler months. Bare spots in the pond tracts should be re-seeded and mulched or otherwise stabilized to prevent erosion. The pond is to be initially constructed by the developer to provide the same erosion protection.
  3. The outfall structure from the pond and other areas will be inspected monthly for debris which could inhibit the proper flow of discharge. Any debris will be removed immediately and disposed of or placed in a location to prevent future maintenance and to not cause impact up or downstream of the structure. a .3' depth west of 98th St. and 2.0 east of 98th St.
  4. Sediment accumulations shall be removed from the bottom of the pond if it accumulates to and if it prevents infiltration in the pond west of 98th St. resulting in standing water for more than 72 hours after a runoff event.
  5. Erosion is expected where drainage enters the ponds. Inspect each pond after each rainfall event of 0.5" or more and at least once each year and repair any erosion with landscape cobble (3") west of 98th St. and with type 'M' rip-rap 12" east of 98th St.
  6. If the outfall channel downstream of the east pond erodes the design volume of the pond is to be restored by additional excavation (deepening and /or widening) of the pond.
  7. The volume of each pond is to be verified by a new topographic survey by a licensed surveyor to be provided by the owners to the city of Albuquerque at least once every 5 years or within 3 months of receiving written request from the city of Albuquerque whichever is sooner. If the survey indicates insufficient volume then repairs are to be performed by the owner and the is to be resurveyed.
  8. Eradicate or otherwise remove all burrowing animals and repair any damage caused by their activity.
  9. Control the growth of brush or other undesirable vegetation by the use of herbicides and/or mowing. Avoid direct contact with the water in the pond with herbicides. Trees and re-growth of trees should be cut and removed from the pond.

GRADING AND DRAINAGE CERTIFICATION  
FOR RIP RAP

I, MARK GOODWIN, NMPE 8848, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A. HEREBY CERTIFY THAT THE EROSION REPAIR TO THE INTERSECTION OF 98TH STREET AND SNOW VISTA BOULEVARD IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR ACCEPTANCE OF THE EROSION REPAIR EAST OF 98TH STREET. THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE EROSION REPAIR ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

MARK GOODWIN NMPE 8848 11/14/17 DATE



CERTIFICATE OF SUBSTANTIAL COMPLIANCE

dmg MARK GOODWIN & ASSOCIATES, P.A.  
CONSULTING ENGINEERS  
P.O. BOX 90606  
ALBUQUERQUE, NEW MEXICO 87199  
OFFICE (505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE PLANNING DEPARTMENT	
TITLE: <b>DESERT SANDS SUBDIVISION DRAINAGE PLAN</b>	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.
SHEET 6	OF 6

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	ACRS Aluminum Cap stamped "TRANS 1989"	From the intersection of Central Avenue and 98th Street SW go south on 98th Street 1.2 miles to the intersection of 98th Street and Snow Vista Boulevard. Then go southwest along Snow Vista Boulevard and the co-op electric transmission line 0.85 miles to pylon numbered 52. The station is just east of this point. Geographic Position (NAD83) in feet N.M. State Plane Coordinates (Central Zone) N=1471885.503, E=1495145.466 Elevation (NAVD83) in feet = 5121.089	CONTRACTOR	DATE
				WORKED BY	DATE
				INSPECTED BY	DATE
				ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

