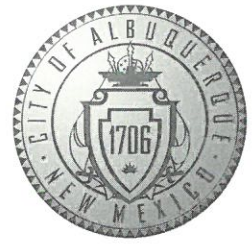


CITY OF ALBUQUERQUE



October 24, 2017

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

**RE: Desert Ridge Pointe Subdivision
Drainage Certification
Grading Plan Stamp Date: 11/21/16
Certification Date: 10/13/17
Hydrology File: B19D028**

Dear Mr. Goodwin:

PO Box 1293

Based on the information provided in your submittal received on 10/19/17, the Drainage Certification is accepted for Release of Financial Guarantee.

If you have any questions, you can contact me at 924-3695 or dpeterson@cabq.gov.

Albuquerque

Sincerely,

NM 87103

www.cabq.gov

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **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) _____

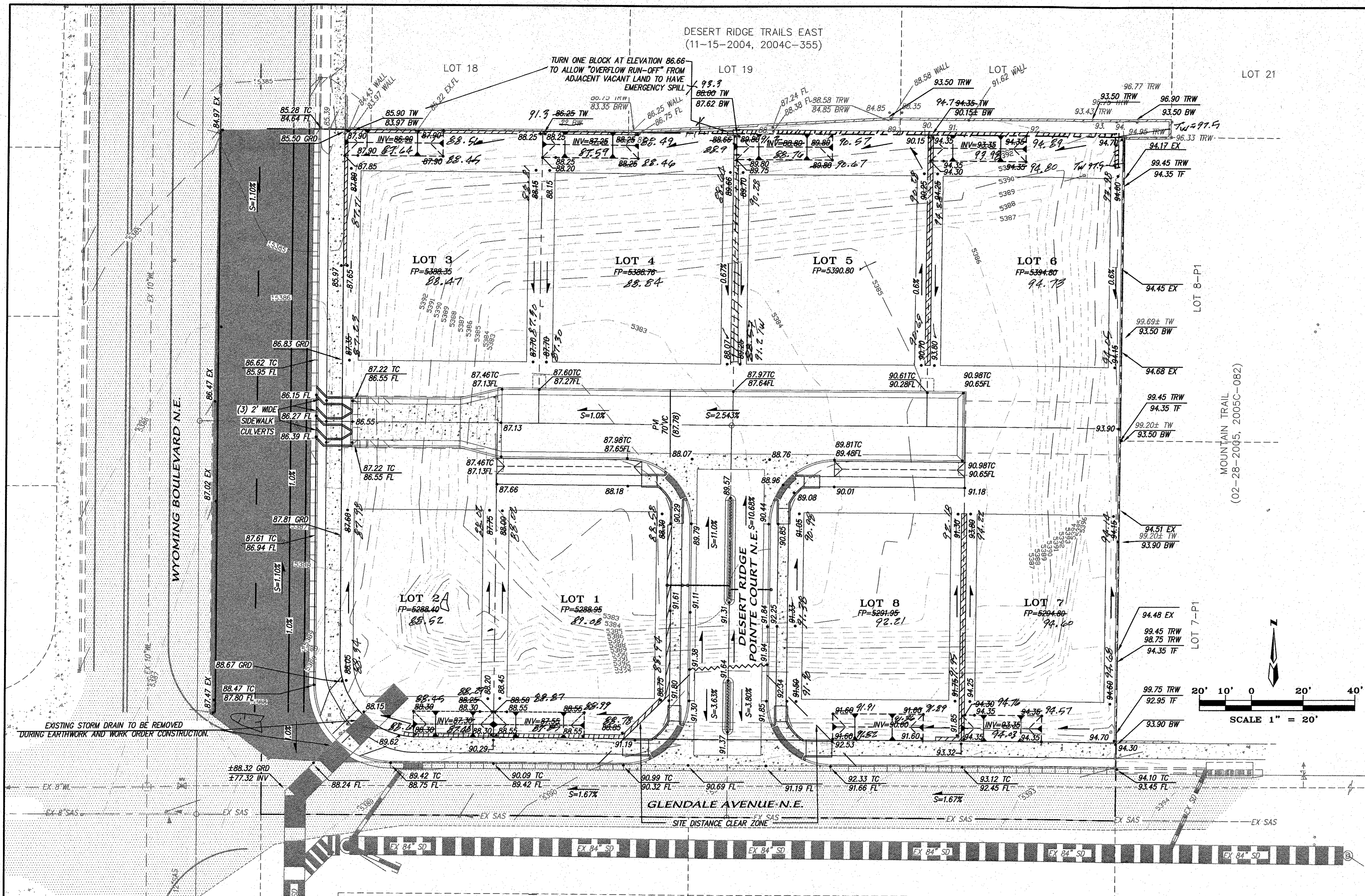
CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ 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) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____



HYDROLOGY NOTES

THE PROJECT SITE CONSISTS OF 1.61 ACRES. THE SITE IS NOT IN A 100YR FLOOD ZONE PER MAP 35001C0133H.

THE SITE IS LOCATED WITHIN NORTH ALBUQUERQUE ACRES ON THE CORNER OF WYOMING AND GLENDALE. THE PROJECT SITE SERVED AS A SEDIMENTATION/RETENTION POND FOR THE AREA. HOWEVER, THIS POND WAS ABANDONED AND REPLACED BY A PERMANENT POND ON THE SOUTHEAST CORNER OF GLENDALE AND BARSTOW. IN ADDITION, AN 84" STORM DRAIN WAS CONSTRUCTED IN GLENDALE FROM THE NEW POND TO THE 96" STORM DRAIN IN WYOMING AS PART OF THE "FINAL NORTH ALBUQUERQUE ACRES MASTER DRAINAGE PLAN" PREPARED BY RESOURCE TECHNOLOGY, INC. 10/28/98 TO MANAGE THE FLOWS FOR THIS AREA.

THE PURPOSE OF THIS GRADING PLAN IS TO SUBDIVIDE THE LOTS INTO 8 SINGLE FAMILY RESIDENTIAL UNITS.

THE HYDROLOGY FOR THE PROJECT SITE WAS CALCULATED FOR THE 100 YEAR 6 HOUR STORM EVENT PER COA DPM (ZONE 3) FOR SMALL WATERSHEDS. THE RESULTS ARE SUMMARIZED IN THE HYDROLOGY TABLE.

THERE ARE NO OFFSITE FLOWS ENTERING THE SITE.

THE FLOW GENERATED FROM THE SITE IS 5.19cfs. THIS FLOW WILL BE DIRECTED TO DESERT RIDGE POINTE CT AND CAPTURED BY AN INLET. A NEW 24" STORM DRAIN WILL BE CONSTRUCTED TO CONVEY THE RUNOFF ONTO WYOMING BLVD. AS FREE DISCHARGE.

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

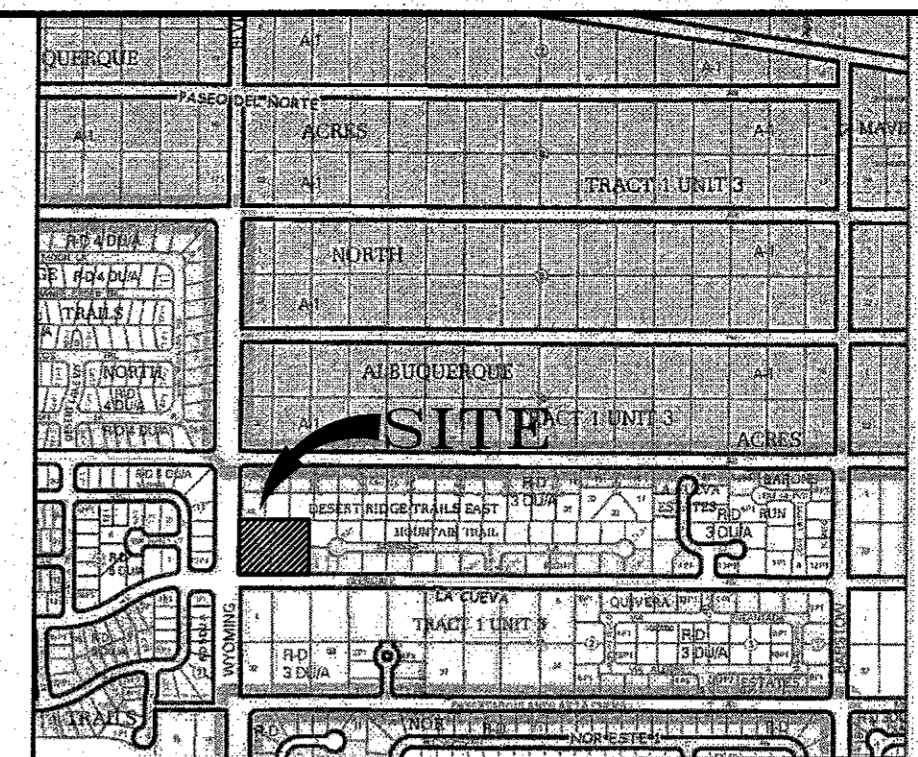
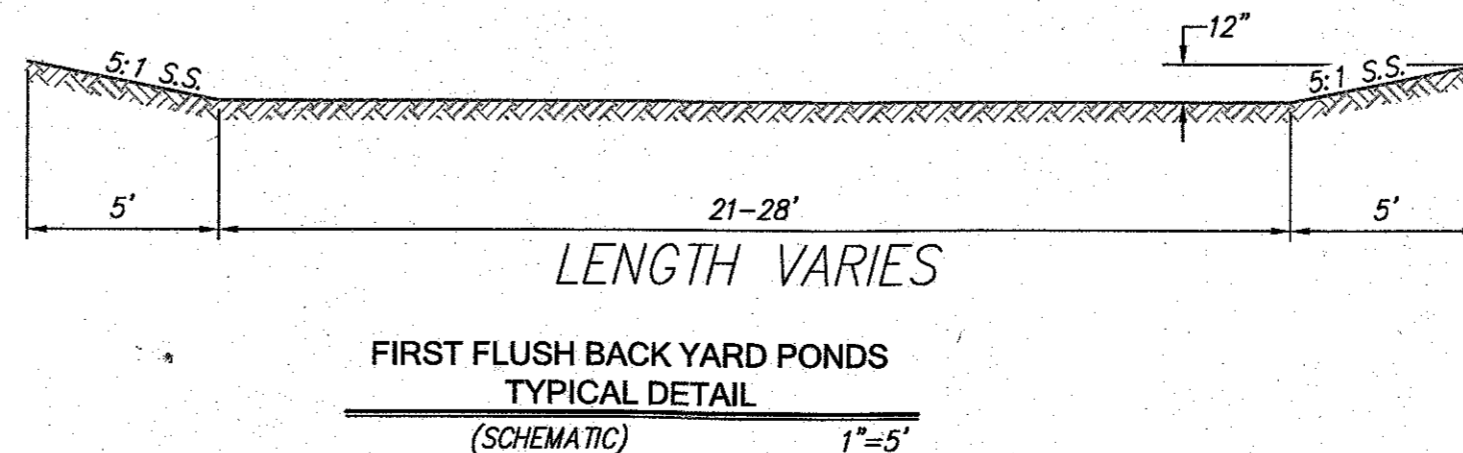
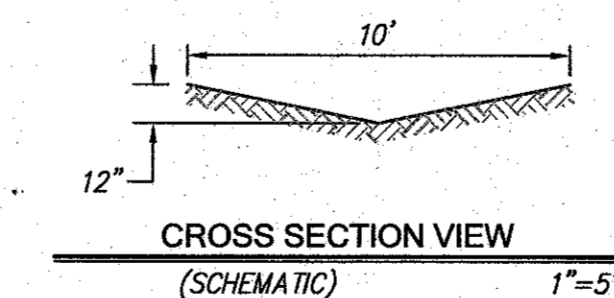
GRADING AND DRAINAGE CERTIFICATION

I, MARK GOODWIN, NMPE 8948, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A. HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADDED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED NOVEMBER 21, 2016. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY DAVID ACOSTA, NMPS 21082. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR GRADING CERTIFICATION APPROVAL AND CERTIFICATE OF OCCUPANCY. *Signature of Mark Goodwin*

DATE 9/27/17
Rev. 10/15/17
MARK GOODWIN, NMPE 8948



FIRST FLUSH POND DIMENSIONS	
LOT 1	10'x35'
LOT 2	10'x31'
LOT 3	10'x38'
LOT 4	10'x37'
LOT 5	10'x37'
LOT 6	10'x37'
LOT 7	10'x31'
LOT 8	10'x35'



VICINITY MAP

ZONE ATLAS MAP B-19-Z

LEGAL DESCRIPTION

LOTS 31 AND 32, TRACT 1 UNIT 3
NORTH ALBUQUERQUE ACRES
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

LEGEND

---	EXISTING CONTOUR (MAJOR)
---	EXISTING CONTOUR (MINOR)
---	EXISTING SPOT ELEVATION
---	EXISTING CURB & GUTTER
---	EXISTING GATE VALVE
---	EXISTING STORMDRAIN MANHOLE
---	EXISTING SANITARY SEWER MANHOLE
---	EXISTING WATERLINE
---	EXISTING SANITARY SEWER
---	EXISTING STORMDRAIN
---	EXISTING WALL
---	EXISTING PAVEMENT
---	NEW MOUNTABLE CURB & GUTTER
---	NEW STANDARD CURB & GUTTER
---	NEW TRANSITION MOUNTABLE CURB & GUTTER TO STANDARD CURB & GUTTER
---	NEW SIDEWALK
---	NEW RIGHT-OF-WAY
---	NEW CENTERLINE
---	NEW LOT LINES
---	NEW EASEMENTS
---	NEW GARDEN WALL
---	NEW RETAINING WALL
---	NEW SPOT ELEVATIONS
---	EXISTING TOP OF WALL ELEVATIONS
---	NEW BOTTOM OF WALL ELEVATIONS
---	NEW TOP OF CURB ELEVATIONS
---	NEW FLOW LINE ELEVATIONS
---	DIRECTION OF FLOW
---	NEW SLOPE
---	WATERBLOCK
---	NEW STORM DRAIN
---	NEW STORM DRAIN MANHOLE
---	NEW INLET
---	NEW WHEELCHAIR RAMP (UNI-DIRECTIONAL)
---	NEW WHEELCHAIR RAMP



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: DESERT RIDGE POINTE GRADING & DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	745982
ZONE MAP NO.	B-19-Z
SHEET	3 OF 13



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 ~*

October 16, 2017

Mr. Dana Peterson, P.E.
City of Albuquerque
602 2nd Street SW
Albuquerque, NM 87102

**Re: Desert Ridge Pointe
Hydrology File: B19D028**

Dear Mr. Peterson,

Attached, please find the revised, Certified Grading Plan for the referenced project. The plan was revised to add the new retaining walls and to correct the certification language. In addition, the exposed wall footing has been backfilled and the streets are paved.

With this re-submittal we are hereby requesting approved for the Release of Financial Guarantee.

Please feel free to contact our office with questions.

Sincerely,
MARK GOODWIN & ASSOCIATES, PA


Mark Goodwin, PE
President

DMG/kb