

CITY OF ALBUQUERQUE



January 24, 2017

Richard J. Berry, Mayor

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

**RE: Estates at Glendale Unit 2 Subdivision
Release of Financial Guarantee
Grading Plan Certification Engineer's Stamp Date 1/6/2017, amended 1/24/2017
Hydrology File: B19D027**

Dear Mr. Soule:

Based upon the information provided in the submittal received on 1/9/2017 and amended on 1/24/2017, the above-referenced plan is adequate and satisfies the Grading and Drainage Certification for Release of Financial Guaranty.

PO Box 1293

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

Albuquerque

Sincerely,

New Mexico 87103

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

www.cabq.gov

Orig: Drainage file



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:

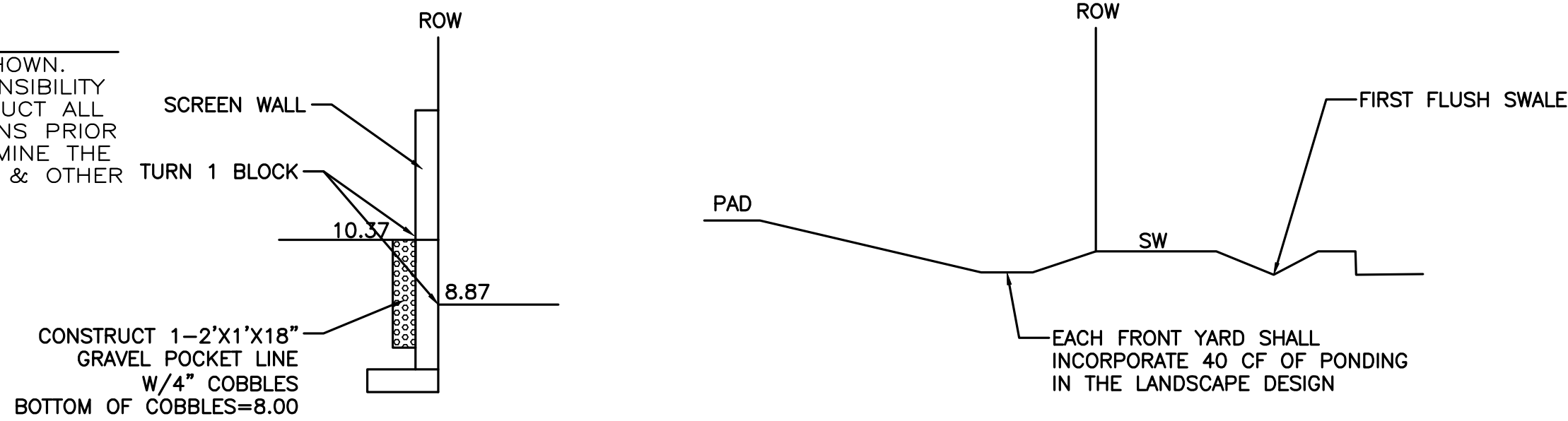
- ☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT 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: _____

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.



EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

BUILD BERM TO PREVENT CROSS LOT DRAINAGE

40 CF POND, TO BE CONSTRUCTED AT FINAL LANDSCAPE, POND BOTTOM SHALL BE 4' WIDE, 20' LONG, 6" DEEP. POND SHALL BE CREATED BY BERM AND OR DEPRESSION, DEPENDING ON LANDSCAPE DESIGN

BUILD 1-SIDEWALK CULVERT complete
PER COA STD DWG #2236
TACK WELD BOLTS
INV IN=5419.86
INV @ CURB=5419.76
EXTEND 2' PAST EX. SW

BUILD 6" RIP RAP CHANNEL
TO SW CULVERT
TO BE 6" FRACTURED ROCK HAND PLACED

TYPICAL WATER HARVETING AREAS

NTS

GLENDAL AVE NE.

I David Soule, NMPE 14522, of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 4/29/16. The record information edited on the original design document has been performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The as-built survey was provided DAVID ACOSTA NMPS 21082. The certification is submitted in support of a request for RELEASE OF FINANCIAL GUARANTEE. The record information presented heron is not necessarily complete and intended only to verify substantial compliance of the grading and drainage 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.



1/6/17

LIMITS OF CONSTRUCTION FOR PHASE 2, PHASE 3 SHOWN FOR REFERENCE ONLY

EX. FENCE SHALL BE REPLACED W/WALL

ACS CONTROL STATION 1_B20
N 1524154.945 E
1550483.349 NEW MEXICO
STATE PLANE CENTRAL ZONE
G-G= 0.999651137
DELTA-ALPHA= -00'10"
24.45' NAD 1983

LEGEND

- S414--- EXISTING CONTOUR
- S415--- EXISTING INDEX CONTOUR
- S414- PROPOSED CONTOUR
- S415- PROPOSED INDEX CONTOUR
- ▲ SLOPE TIE
- × 4048.25 EXISTING SPOT ELEVATION
- × 4048.25 PROPOSED SPOT ELEVATION
- BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY
- PROPOSED DRAINAGE EASEMENT
- ===== PROPOSED STANDARD CURB AND GUTTER
- ===== EXISTING CURB AND GUTTER
- ===== PROPOSED SCREEN WALL (18" MAX RETAINAGE)
- ===== PROPOSED RETAINING WALL (HEIGHT VARIES-DESIGN BY OTHERS)
- ===== EXISTING SCREEN WALL

CONCRETE CHANNEL DETAIL

NTS

EMERGENCY OVERFLOW DETAIL

NTS

SECTION A-A

NTS

 4/29/16 DAVID SOULE P.E. #14522	ESTATES AT GLENDALE UNIT 2 AND UNIT 3		DRAWN BY WCVJ
	GRADING AND DRAINAGE PLAN		DATE 3-31-16
	 Rio Grande Engineering 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0899		21425-LAYOUT-12-18-14
			SHEET # — JOB # 21425