# CITY OF ALBUQUERQUE



December 3, 2014

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

Re: Garcia Residence – Lot 11 Black Farms

Grading and Drainage Plan with Engineer's Stamp Dated 11-17-14

(C13D027B)

Dear Mr. Soule,

Based upon the information provided in your submittal received November 17, 2014, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

For future submittals, refer to water harvesting as First Flush. Calculate the First Flush as follows. Per the City Drainage ordinance, the 90<sup>th</sup> Percentile Storm Event, which is 44 inches, is to be managed. Reduce 0.44 inch by the 0.1 inch for the initial impervious abstraction in Table A-6 of Section 22 of the DPM. Multiply the remaining 0.34 inch by your impervious area. This is the amount of the First Flush necessary for the site.

PO Box 1293

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

If you have any questions, you can contact me at 924-3994.

New Mexico 87103

Sincerely,

www.cabq.gov

Amy L. D. Niese, P.E. Senior Engineer, Hydrology Planning Department

C: e-mail



# City of Albuquerque

### Planning Department

### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title:		Building Permit #:		City Drainage #:	
DRB#: E	PC#:	<del></del>	Work Order#:	:	
Legal Description:					
City Address:					
			Contact:		
Address:					
Phone#: Fa			E-mail:		
Owner:			Contact:		
Address:			·		
Phone#: Fa	ax#:		E-mail:		
Architect:			Contact:		
Address:					
Phone#: Fa	ax#:		E-mail:		
Surveyor:			Contact:		
Address:					
Phone#: Fa	ax#:		E-mail:		
Contractor:			Contact:		
Address:					
Phone#: Fa	ax#:		E-mail:		
TYPE OF SUBMITTAL:	C	HECK TYPE OF APPROVA	AL/ACCEPTA	ANCE SOUGHT:	
DRAINAGE REPORT		SIA/FINANCIAL GUARAN	ΓEE RELEASE	E	
DRAINAGE PLAN 1st SUBMITTAL		PRELIMINARY PLAT APPR	ROVAL		
DRAINAGE PLAN RESUBMITTAL		S. DEV. PLAN FOR SUB'D	APPROVAL		
CONCEPTUAL G & D PLAN		S. DEV. FOR BLDG. PERMI	T APPROVAL		
GRADING PLAN		SECTOR PLAN APPROVAL			
EROSION & SEDIMENT CONTROL PLAN (ESC) FINAL PLAT APPROVAL					
<del></del>		CERTIFICATE OF OCCUPA	NCY (PERM)		
CLOMR/LOMR		CERTIFICATE OF OCCUPAN		NCY (TCL TEMP)	
TRAFFIC CIRCULATION LAYOUT (TCL)		FOUNDATION PERMIT APP			
ENGINEER'S CERT (TCL)		BUILDING PERMIT APPRO	VAL		
ENGINEER'S CERT (DRB SITE PLAN)		GRADING PERMIT APPRO	VAL	SO-19 APPROVAL	
ENGINEER'S CERT (ESC)		PAVING PERMIT APPROVA	AL	ESC PERMIT APPROVAL	
SO-19		WORK ORDER APPROVAL		ESC CERT. ACCEPTANCE	
OTHER (SPECIFY)		GRADING CERTIFICATION	1	OTHER (SPECIFY)	
WAS A PRE-DESIGN CONFERENCE ATTENDED	D:	Yes No Co	py Provided		
DATE SUBMITTED:	· · · · · · · · · · · · · · · · · · ·				
D	C1. 4::-: D1-41	-11 h	1:44-1 Th		

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 followin

- 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
- **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- 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

November 17, 2014

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

RE: Drainage Submittal Lot 11, black farms

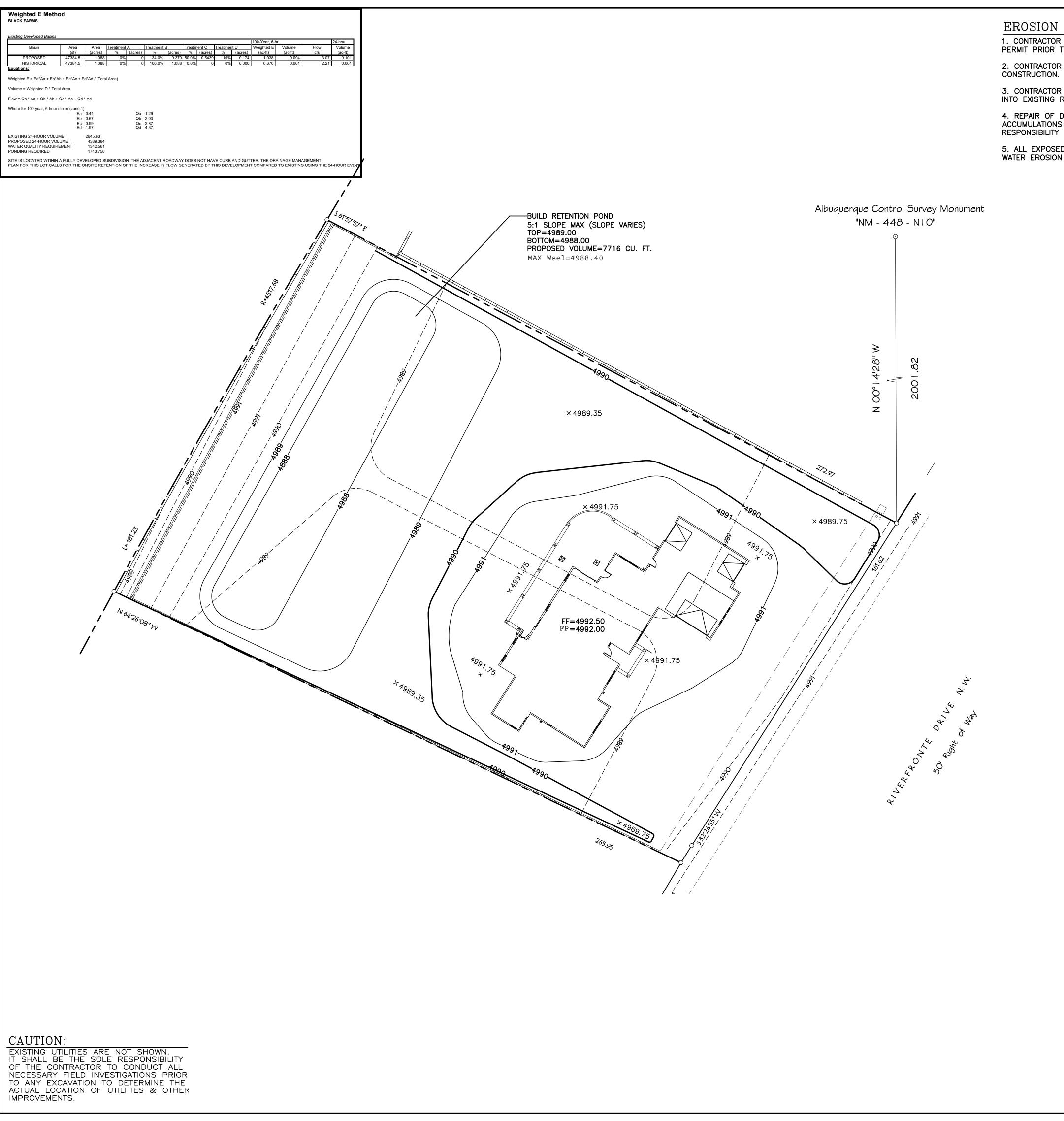
#### Dear Ms Harmon:

The purpose of this letter is to accompany the attached grading. The plan has been designed to conform to the master drainage plan for the black farms subdivision. The grades shown have different datum, so we set the finish floor based upon the differential between front property corners and finished floor elevations.

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

Sincerely,

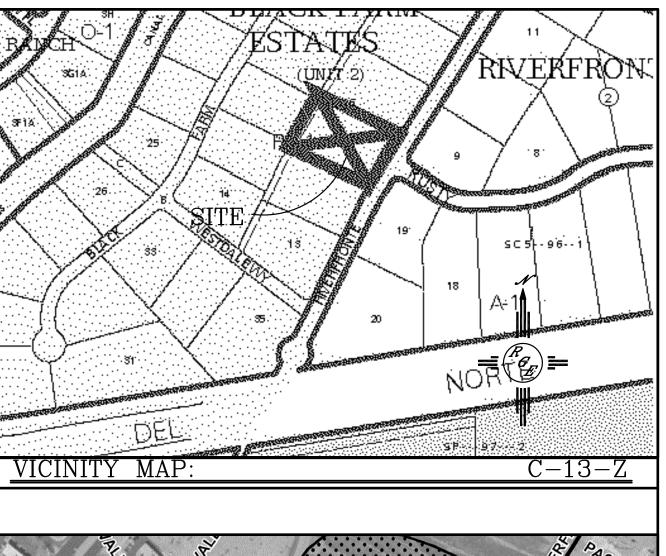
David Soule, PE Rio Grande Engineering PO Box 93924 Albuquerque, New Mexico 87199 505-321-9099



## 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
- 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.





LEGAL DESCRIPTION:

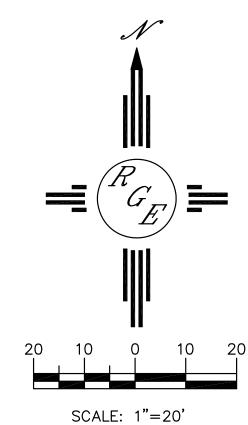
Lot numbered Eleven (11) of BLACK FARM ESTATES UNIT 2

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE

2. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

### LEGEND

	EXISTING CONTOUR
_ — — — — — — — — — — — — — — — — — — —	EXISTING INDEX CONTOUR
<del>5414</del>	PROPOSED CONTOUR
<del>5415</del>	PROPOSED INDEX CONTOUR
<b>—</b>	SLOPE TIE
1 × 4048.25	EXISTING SPOT ELEVATION
1∙ X 4048.25	PROPOSED SPOT ELEVATION
·	BOUNDARY
	CENTERLINE
	RIGHT-OF-WAY
	PROPOSED CURB AND GUTTER
=========	EXISTING CURB AND GUTTER
······	PROPOSED SCREEN WALL (6' TYP.)
	PROPOSED RETAINING WALL (HEIGHT VARIES-DESIGN BY OTHERS)
	FLOODPLAIN



I DAVID SOULE HAVE PERSONALLY VISITED THIS SITE ON 11/14/14 AND CERTIFY THE TOPOGRAPHY SHOWN ACCURATELY DEPICTS CURRENT SITE GRADING.

11/17/14

ENGINEER'S SEAL	LOT 11	Æ ₽₩₩₽₽₩	DRAWN BY WCWJ
OF UND SOUTH	BLACK FARM		DATE 11-17-14
REGISTER 14522	GRADING AN DRAINAGE P	21420-LAYOUT-11-17-	
AROFESSION ALE		Rio Grande	SHEET #
11/17/14		Lingineering  1606 CENTRAL AVENUE SE	
PAVID SOULE P.E. #14522		SUITE 201 ALBUQUERQUE, NM 87106 (505) 872–0999	JOB # 21420