

# CITY OF ALBUQUERQUE



August 2, 2016

Yolanda Padilla-Moyer, PE  
Bohannon-Huston  
7500 Jefferson St NE Courtyard I  
Albuquerque, NM 87109

**Re: Pulte @ Mirehaven 2A  
Pad Certification for lots 11-18 and 26-36  
Engineer's Stamp dated: 1-28-16 (H09D017E)  
Certification dated: 8-1-16**

Dear Ms. Padilla-Moyer,

Based on the Certification received 8/1/2016, the above referenced Certification for the above mentioned is acceptable for building permit by Hydrology.

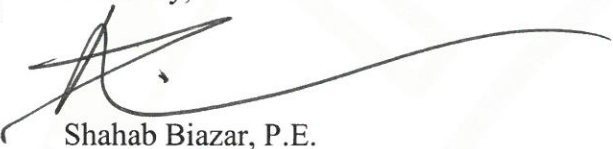
If you have any questions, you can contact me at 924-3999 or Totten Elliott at 924-3982.

Sincerely,

PO Box 1293

Albuquerque

New Mexico 87103

  
Shahab Biazar, P.E.  
City Engineer, Planning Dept.  
Development Review Services

TE/SB

C: email      Miranda, Rachel; Cordova, Camille C.; Sandoval, Darlene M.; Blocker,  
Lois

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



# City of Albuquerque

Planning Department

Development & Building Services Division

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

**Project Title:** PULTE @ MIREHAVEN PHASE 2A **Building Permit #:** \_\_\_\_\_ **City Drainage #:** H-9  
**DRB#:** 10006864 **EPC#:** \_\_\_\_\_ **Work Order#:** 650387  
**Legal Description:** PULTE @ MIREHAVEN PHASE 2A (A REPLAT OF TRACT N-2-D OF WATERSHED)  
**City Address:** \_\_\_\_\_

**Engineering Firm:** BOHANNAN HUSTON INC **Contact:** Yolanda Moyer  
**Address:** 7500 JEFFERSON ST NE COURTYARD 1 ALBUQUERQUE NM 87109  
**Phone#:** 823-1000 **Fax#:** \_\_\_\_\_ **E-mail:** ypadilla@bhinc.com

**Owner:** PULTE **Contact:** KEVIN PATTON  
**Address:** 7601 JEFFERSON STREET NE SUITE 310 ALBUQ. NM 87109  
**Phone#:** 505-341-8591 **Fax#:** \_\_\_\_\_ **E-mail:** kevin.patton@pultegroup.com

**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:** 08-01-16 **By:** YOLANDA PADILLA MOYER, P.E.

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

August 1, 2016

Mr. Abiel Carrillo  
Hydrology Section  
City of Albuquerque  
600 2<sup>nd</sup> Street NW  
Albuquerque, NM 87102

Re: Partial Grading and Drainage Certification (Lots 11-18, 26-36), Pulte @ Mirehaven  
Phase 2A - DRB Case No. 1006864

Dear Abiel:

We are submitting a partial grading and drainage certification for Pulte @ Mirehaven Phase 2A. The partial certification includes Lots 11-18 and 26-36. Enclosed for your review is the approved grading and drainage plan dated 01/15/16 and 01-28-16. These lots have been graded; retaining walls, curb and gutter, pavement and downstream infrastructure have been constructed. The remaining lots have been graded, but the retaining walls have not been completed. The remaining lots will be certified once construction of all improvements has been completed.

During site inspection you might notice that there are depressions in the back yards. The purpose of the depressions is to provide a place to spoil dirt that is generated with the footing construction and they will be filled at the time of home construction. The depressions are not intended to serve as ponds.

After reviewing these as-built elevations and visiting the site on 08-01-16 it is my belief that the above lots have been graded in substantial compliance with the approved grading and drainage plan and that the interim drainage improvements allow runoff to be managed in the interim condition.

Your review and approval is requested for Building Permit Approval for the above listed buildings. I appreciate your time and consideration. If you have questions or require additional information, please contact me at 823-1000.

Sincerely,



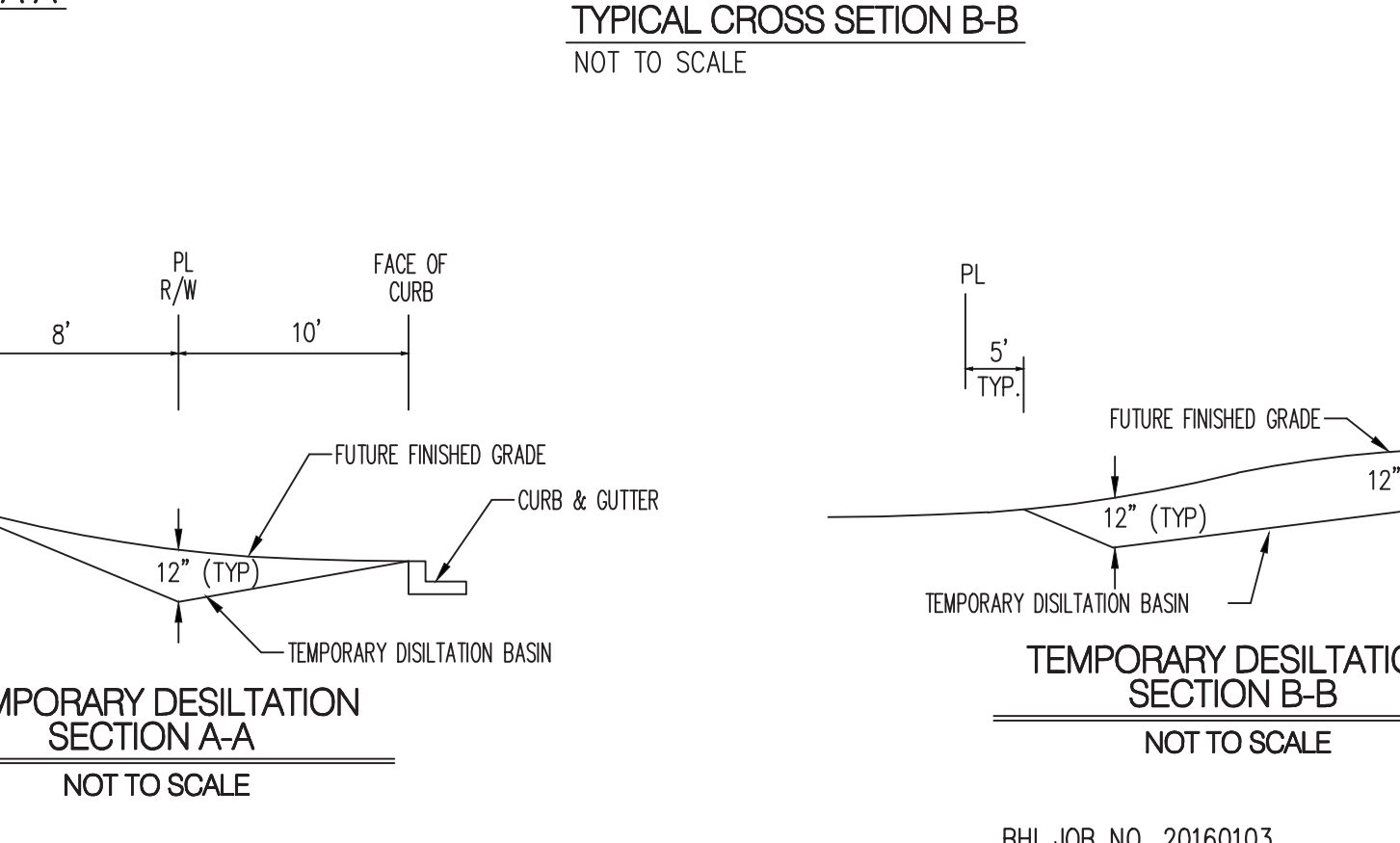
Yolanda Padilla Moyer, P.E.  
Senior Project Manager  
Community Development & Planning

Enclosure

cc: Kevin Patton, Pulte Homes  
Peter Steen, Pulte Homes  
Matt Dyer, Pulte Homes

**Engineering** ▲  
**Spatial Data** ▲  
**Advanced Technologies** ▲







## GRADING NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
2. CONTRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DIVISION, PRIOR TO CONSTRUCTION. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST. 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.
3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THE PLAN, SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE PAVEMENT.

4. TWO WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1264) FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO GRADING, ALL VEGETATION DEBRIS, AND NEAR SURFACE ORGANICALLY CONTAMINATED SOIL SHALL BE STRIPPED FROM ALL AREAS TO BE GRADED. VEGETATION AND DEBRIS SHALL BE DISPOSED OF OFF-SITE OR STOCK-PILED FOR USE IN PLANTERS AND NON-STRUCTURAL FILLS.
6. EARTH SLOPES SHALL NOT EXCEED 4 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
7. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
8. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
9. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
10. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATIONS.
11. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE ELEVATION.



**Bohannon & Huston**  
www.bhinc.com 800.877.5332


 <p><b>CITY OF ALBUQUERQUE</b>  <b>DEPARTMENT OF</b>  <b>MUNICIPAL DEVELOPMENT</b></p>	<p><b>PULTE @ MIREHAVEN PHASE 1</b></p> <p><b>OVERALL GRADING PLAN</b></p>	
	<p>DESIGN REVIEW COMMITTEE</p>	<p>CITY ENGINEER APPROVAL</p>
<p>CITY PROJECT NO.</p>	<p>ZONE MAP NO.</p>	

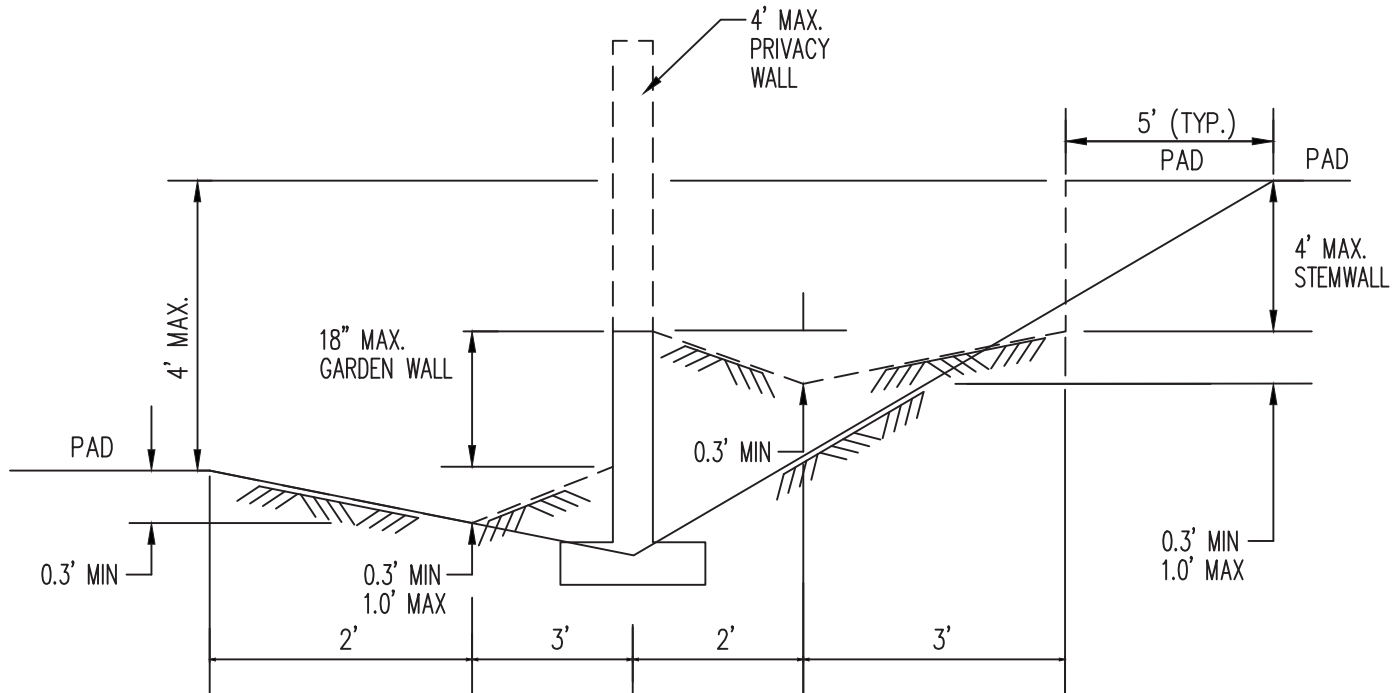
1. YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY LOTS 11-18 AND 26-36 PULTE AT MIREHAVE PHASE 2A, HAVE BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 01-15-16, 01-28-16. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BRIAN J. MARTINEZ, NMPS 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 08/01/16 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACUTAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

*Yolanda Padilla Moyer*  
YOLANDA PADILLA MOYER, NMPE 16035

08/01/16  
DATE





**TYPICAL SIDE LOT LINE SECTION**  
NOT TO SCALE

NOTE: DASHED LINES IN TYP. SIDE LOT LINE SECTIONS REPRESENT THE FINAL CONDITION AFTER THE GARDEN, STEW AND PRIVACY WALLS HAVE BEEN CONSTRUCTED. THE INTERIM CONDITION, WHICH IS TO BE CONSTRUCTED BY THE GRADING CONTRACTOR AND CERTIFIED BY THE ENGINEER, IS REPRESENTED BY THE SOLID LINES. RETAINING WALLS WILL BE CONSTRUCTED PRIOR TO GRADING CERTIFICATION.

P: \\20160103\CDP\Plans\General\PH2A\20160103\_Grading01.dwg  
Fri 29-Jan-2016 - 9:41am. Plotted by: AR0600



GRADING AND DRAINAGE CERTIFICATION

I, YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY LOTS Partial Lots 11-18 AND 26-36 PULTE AT MIREHAVEN PHASE 2A, HAVE BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 01-15-16, 01-28-16. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BRIAN J. MARTINEZ, NMPS 18374 OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 08/01/16 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACUTAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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Yolanda Padilla Moyer  
YOLANDA PADILLA MOYER, NMPE 16035

08/01/16

DATE



TRACT N-2-B  
FILED: OCTOBER 17, 2013  
(20130-116)

Q = 62.5 cfs  
D = 0.46 ft  
V = 6.4 fps

LEGEND

- PROPOSED SPOT ELEVATION • 5235.25  
EXISTING SPOT ELEVATION • EX 5235.25  
PROPOSED CONTOUR ---5025---  
EXISTING STORM DRAIN LINE - - - - -  
PROPOSED STORM DRAIN INLET □  
PROPOSED STORM DRAIN LINE |||||  
PROPOSED STORM DRAIN MANHOLE ○  
PROPOSED WATER BLOCK ~~~~~  
RETAINING WALL [Hatched Box]  
PAD [Stippled Box]  
WALL OPENING [Arrow]  
STREET SLOPE XX  
COBBLE RUNDOWN [Cobble Pattern]



CONTRACTOR SHALL INSTALL 7" WIDE 1" DEEP SWALE ALONG THE EAST PROPERTY LINE AND 5" SIDE 1" DEEP SWALE ALONG THE NORTH PROPERTY LINE WHERE LOTS DRAIN TO THE BACK OF THE LOT. SWALE SHALL BE 12" OF 95% COMPACTION WITH FILTER FABRIC AND 1" TO 2" FRACTURED COBBLE.



SCALE: 1"=40'

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CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PULTE @ MIREHAVEN PHASE 2A  
GRADING PLAN

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

ZONE MAP NO.

SHEET 2 OF 6

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	USC&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR	DATE
			GEOGRAPHIC POSITION (NAD 83)	STARTED BY	DATE
			N.M. STATE PLANE COORDINATES	INSPECTOR'S	DATE
			(CENTRAL ZONE)	FIELD	DATE
			N=1487364.063 E=1491190.819	VERIFICATION BY	DATE
			GROUND TO GRID = 0.998675005	CORRECTED BY	DATE
			DELTA ALPHA = -0071712.26"	MICRO-FILM INFORMATION	
			NAVD 1988 ELEVATION = 5319.688	RECORDED BY	DATE
				NO.	DATE



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