

CITY OF ALBUQUERQUE



January 12, 2018

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

Re: Pulte @ Mirehaven 2B
Pad Certification for lots 151-162, 173
Engineer's Stamp dated: 1-28-16 (H09D017E)
Certification dated: 1-9-18

Dear Ms. Padilla-Moyer,

Based on the Certifications received 1/10/18, 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 924-3986 or Totten Elliott at 924-3982.

PO Box 1293

Sincerely,

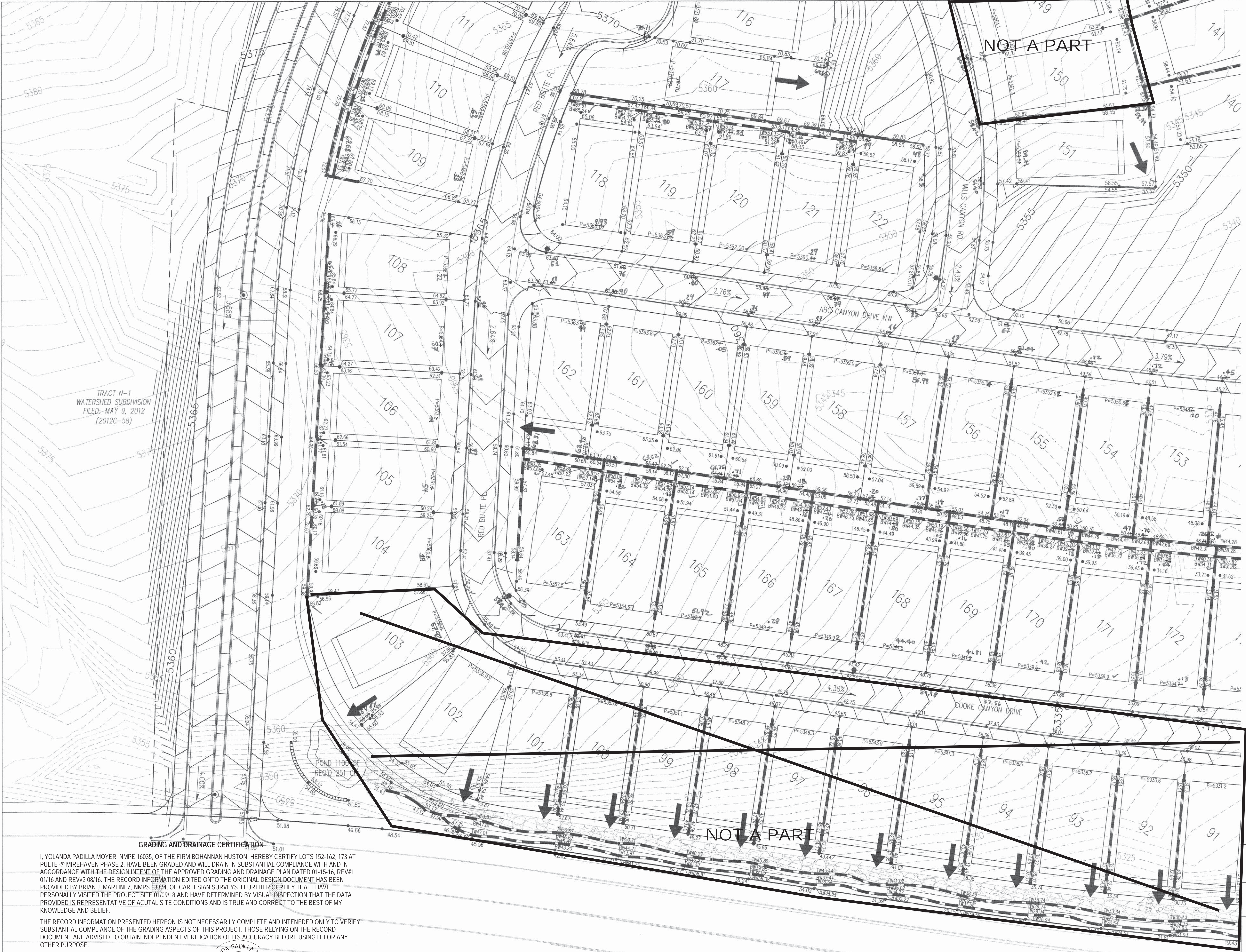
Albuquerque

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

NM 87103

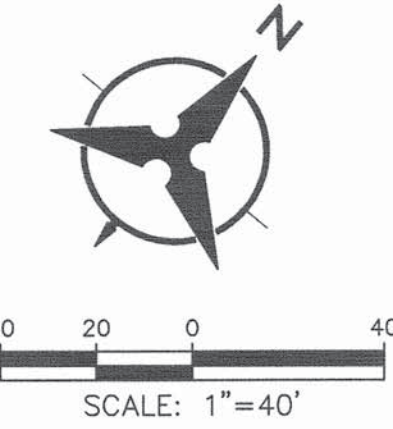
TE/JH
C: email

www.cabq.gov



- LEGEND**
- PROPOSED SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - PROPOSED CONTOUR
 - EXISTING STORM DRAIN LINE
 - PROPOSED STORM DRAIN INLET
 - PROPOSED STORM DRAIN LINE
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED WATER BLOCK
 - RETAINING WALL
 - PAD
 - WALL OPENING
 - STREET SLOPE

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.



Bohannon & Huston
www.bhinc.com 800.877.5332

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PULTE @ MIREHAVEN PHASE 2
GRADING PLAN

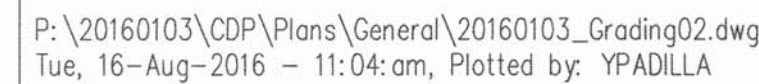
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
		4		5

I, YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY LOTS 152-162, 173 AT PULTE @ MIREHAVEN PHASE 2, 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, REV#1 01/16 AND REV#2 08/16. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BRIAN J. MARTINEZ, NMPS 18334, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 01/09/18 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACTUAL 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
DATE 01-09-18
P:\20160103\CDP\Plans\General\20160103_Grading02.dwg
Tue, 16-Aug-2016 - 11:03:am, Plotted by: YPADILLA

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	USC&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR	DATE
			GEOGRAPHIC POSITION (NAD 83)	STAKED BY	DATE
			N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	ACCEPTED BY	DATE
			N=1487364.063 E=1491190.819	FIELD VERIFICATION BY	DATE
			GROUND TO GRID = 0.999675005	CORRECTED BY	DATE
			DELTA ALPHA = -007712.26"	MICRO-FILM INFORMATION	
			NAVD 1988 ELEVATION = 5319.688	RECORDED BY	DATE
				NO.	DATE



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 

PAD 

WALL OPENING 

STREET SLOPE 

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. INSTALL 7' X5' AND 5' X5' COBBLE EROSION CONTROL PAD RESPECTIVELY PER SAME SWALE SPECS AT THE POND BOTTOM AT THE END OF 7' AND 5' SWALE.

Diagram illustrating the installation of a catch basin and dome grate. The diagram shows a cross-section of the structure with the following dimensions and components:

- INSTALL 18" NYLOPLAST BASIN & DOME GRATE OF APPROVED EQUAL
- 16.50 (Height from ground to the top of the basin)
- 18.00 (Total height from ground to the top of the structure)
- 8" PVC PIPE
- 13.00 (Height from ground to the bottom of the basin)
- INV = 13.30 (Invert elevation)

BASIN & DOME GRATE DETAIL
NOT TO SCALE



SCALE: 1"=40'

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



CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PULTE @ MIREHAVEN PHASE 2
GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET 5	OF 5	



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: PULTE @ MIREHAVEN PHASE 2B **Building Permit #:** _____ **City Drainage #:** H-9
DRB#: 10006864 **EPC#:** _____ **Work Order#:** 650389
Legal Description: PULTE @ MIREHAVEN PHASE 2B
City Address: _____

Engineering Firm: BOHANNAN HUSTON INC **Contact:** Yolanda Moyer
Address: 7500 JEFFERSON ST NE COURTYARD 1 ALBUQUERQUE NM 87109
Phone#: 798-7945 **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: 01-09-18 **By:** YOLANDA PADILLA MOYER, P.E.

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: _____

January 9, 2018

Mr. Doug Hughes
Hydrology Section
City of Albuquerque
600 2nd Street NW
Albuquerque, NM 87102

Re: Partial Grading and Drainage Certification (Lots 152-162,173)
Pulte @ Mirehaven Phase 2B - DRB Case No. 1006864

Dear Doug:

We are submitting a partial grading and drainage certification for Pulte @ Mirehaven Phase 2B. The partial certification includes Lots 152-162,173. Lot 173 was included in the previous submittal but was inadvertently left off the cover therefore your approval did not include it. Enclosed for your review is the approved grading and drainage plan dated 01/15/16 1/28/16, rev #1 01-16, rev#2 08/16. 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.

After reviewing these as-built elevations and visiting the site on 01-09-18 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 Group