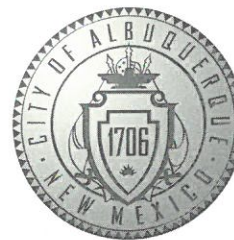


CITY OF ALBUQUERQUE



December 15, 2017

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

Re: Pulte @ Mirehaven 2B
Pad Certification for lots 114, 117, 130, 140-148, 151, 163-172
Engineer's Stamp dated: 1-28-16 (H09D017E)
Certification dated: 12-11-17

Dear Ms. Padilla-Moyer,

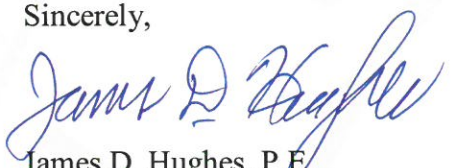
Based on the Certifications received 12/14/17, the above referenced Certification for the above mentioned is acceptable for building permit by Hydrology.

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

December 11, 2017

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

Re: Partial Grading and Drainage Certification (Lots 114, 117, 130, 140-148, 151-152, 162-172) 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 114, 117, 130, 140-148, 151-152, 162-172. 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.

During site inspection, you might notice that there maybe 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 12-08-17. 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



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

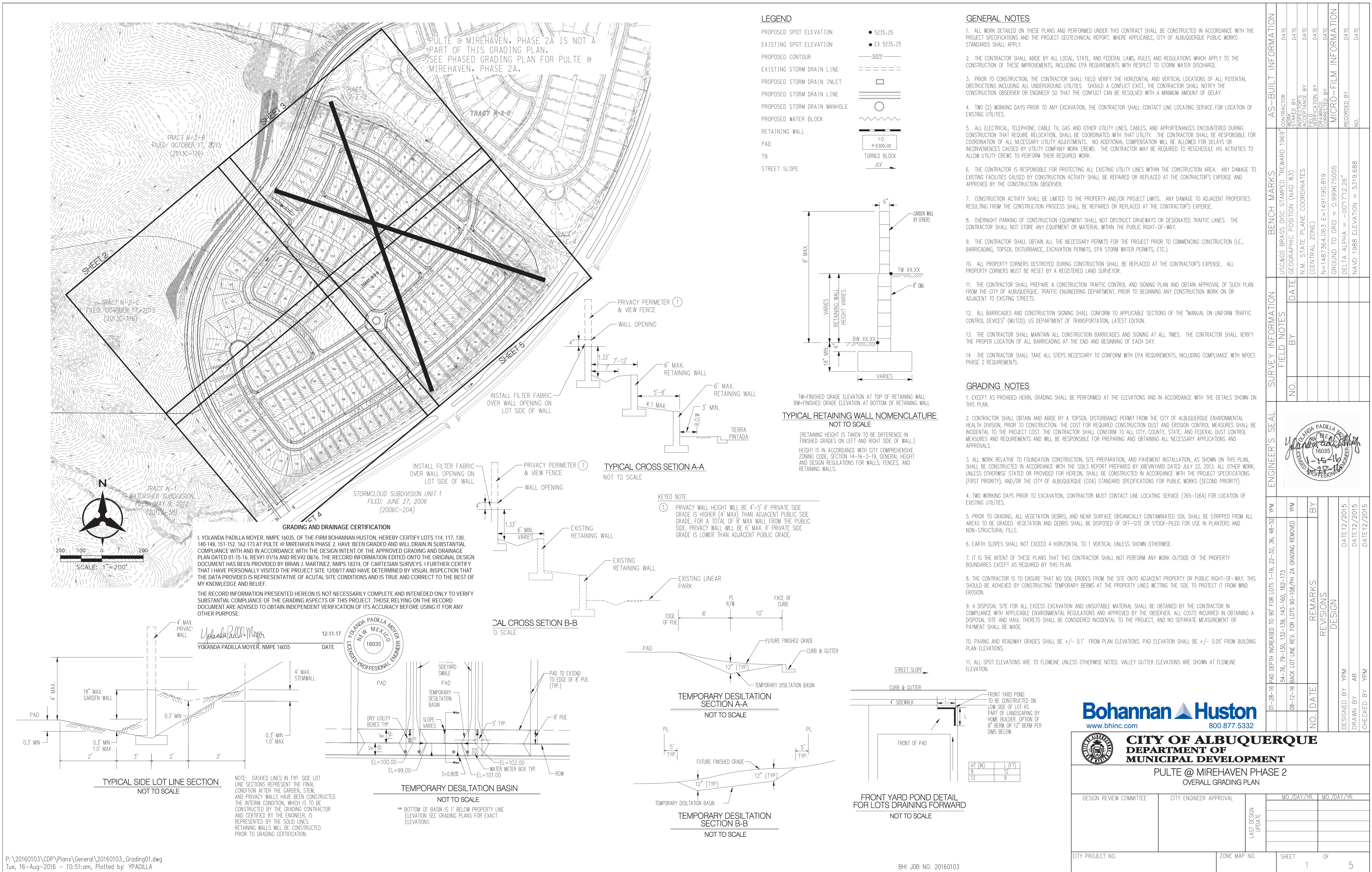
☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☒ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

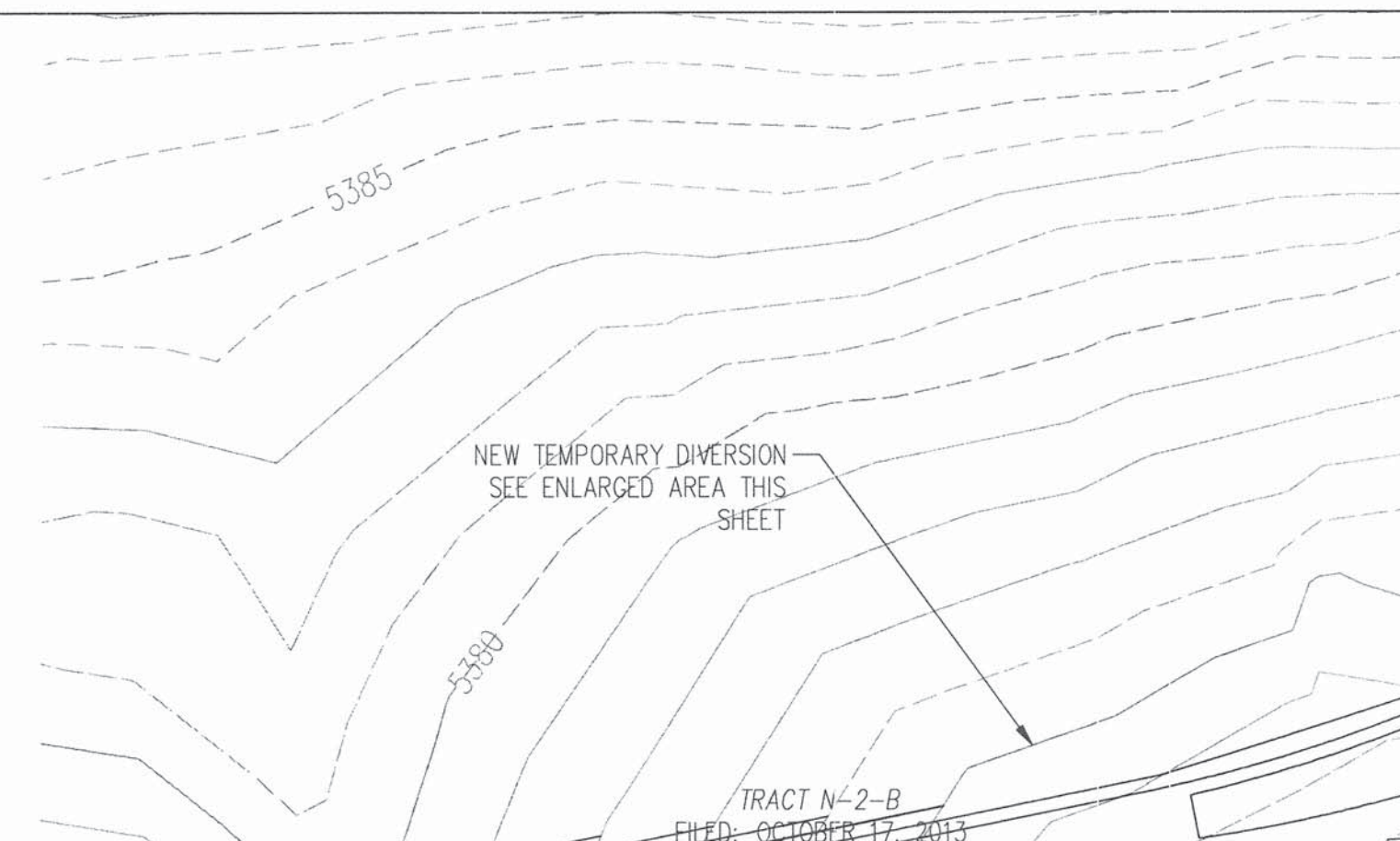
☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

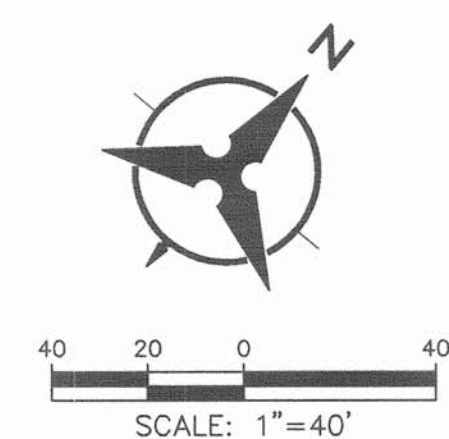
DATE SUBMITTED: 12-11-17 **By:** YOLANDA PADILLA MOYER, P.E.

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____





YOLANDA PADILLA MOYER, NMPE 16035




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
			2	5


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 

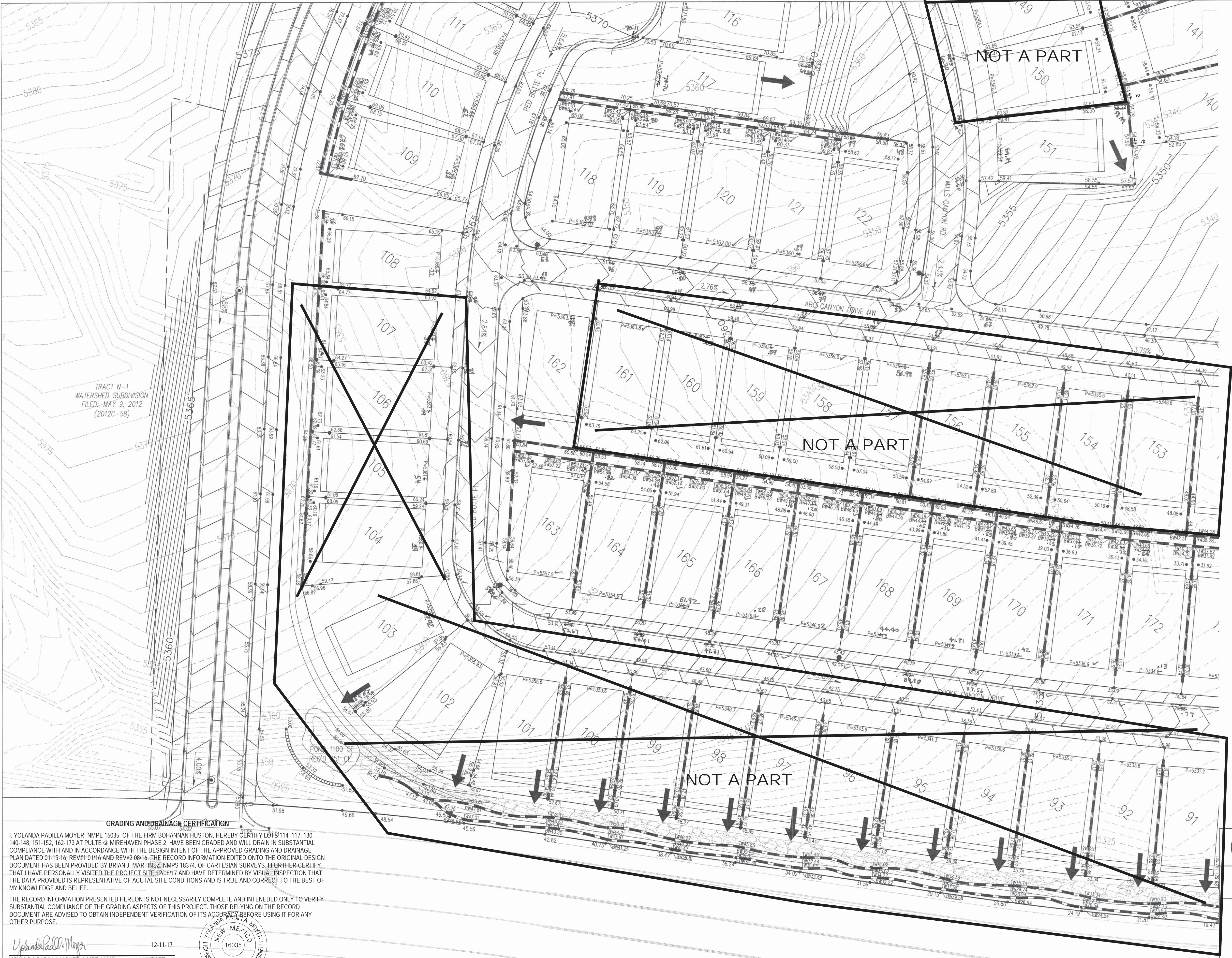
PAD 

WALL OPENING 

STREET SLOPE 

CORRIE BUNDOON 

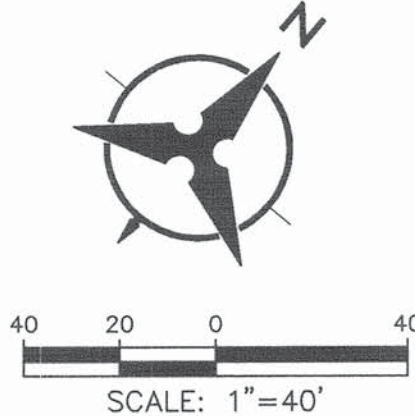
[illegible]



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 — X —
STREET SLOPE XX

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	4	OF 5

GRADING AND DRAINAGE CERTIFICATION

I, YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY THAT LOTS 114, 117, 120, 140-148, 151-152, 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 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 12/08/17 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 12-11-17
YOLANDA PADILLA MOYER, NMPE 16035 DATE

P:\20160103\CDP\Plans\General\20160103_Grading02.dwg
Tue, 16-Aug-2016 - 11:03:am, Plotted by: YPADILLA



01-28-16 PAID DEPTH INCREASED TO 90" FOR LOTS 1-19, 22-32, 36, 48-52	YPM	REMARKS	BY
54-76, 79-130, 132-139, 143-160, 162-173	YPM	REVISIONS	
08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED	YPM	DESIGN	
NO. DATE			
DESIGNED BY YPM	DATE 12/12/2015		
DRAWN BY AR	DATE 12/12/2015		
CHECKED BY YPM	DATE 12/12/2015		

NOT A PART

NOT A PART

NOT A PART

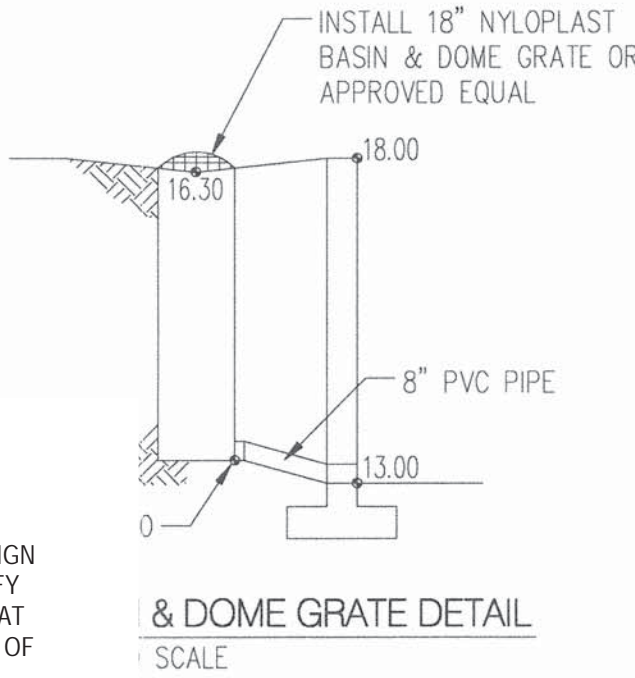
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Tue, 16-Aug-2016 - 11:04:am, Plotted by: YPADILLA

BHI JOB NO. 20160103

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 [Hatched Box]
WALL OPENING [Hatched Box]
STREET SLOPE XX

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.

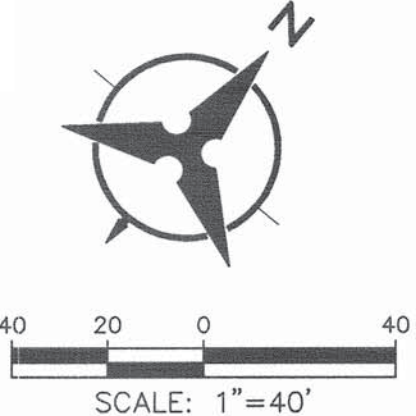


GRADING AND DRAINAGE CERTIFICATION

I, YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY LOTS 114, 117, 130, 140-148, 151-152, 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 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 12/08/17 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.

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Yolanda Padilla Moyer
YOLANDA PADILLA MOYER, NMPE 16035
DATE 12-11-17



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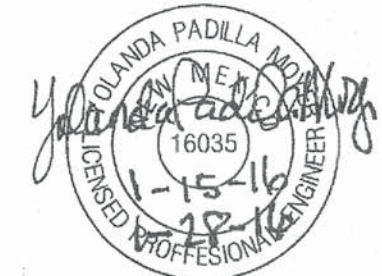
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PULTE @ MIREHAVEN PHASE 2
GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
		5	5

BENCH MARKS		AS-BUILT INFORMATION	
US&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR	DATE	DATE
GEOGRAPHIC POSITION (NAD 83)	STARTED BY	DATE	DATE
N.M. STATE PLANE COORDINATES	INSPECTOR'S	DATE	DATE
(CENTRAL ZONE)	ACCEPTANCE BY	DATE	DATE
N=1487364.063 E=1491190.819	DRAWN BY	DATE	DATE
ROUND TO GRID = 0.999675005	VERIFICATION BY	DATE	DATE
DELTA ALPHA = -0.007712.26"	RECORDED BY	DATE	DATE
NAVD 1988 ELEVATION = 5319.688	NO.	DATE	DATE



REMARKS	BY
REVISIONS	
DESIGN	
DESIGNED BY YPM	DATE 12/2015
DRAWN BY AR	DATE 12/2015
CHECKED BY YPM	DATE 12/2015