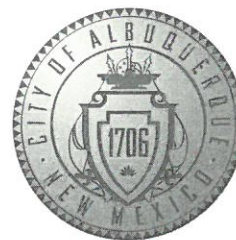


CITY OF ALBUQUERQUE



July 8, 2016

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

Re: Pulte @ Mirehaven Phase 2A
Request Pad Certification for lots 19-23, 26, 27, 46, 47 and 57-60 - Accepted
Engineer's Stamp dated: ~~1-22-15~~ (H09D017E)
Certification dated: 7-7-16 1-28-16

Dear Mr. Padilla-Moyer,

Based on the Certification received 7/7/2016, the above referenced Certification for Pulte @ Mirehaven Phase 2A 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

Albuquerque

New Mexico 87103

Sincerely,

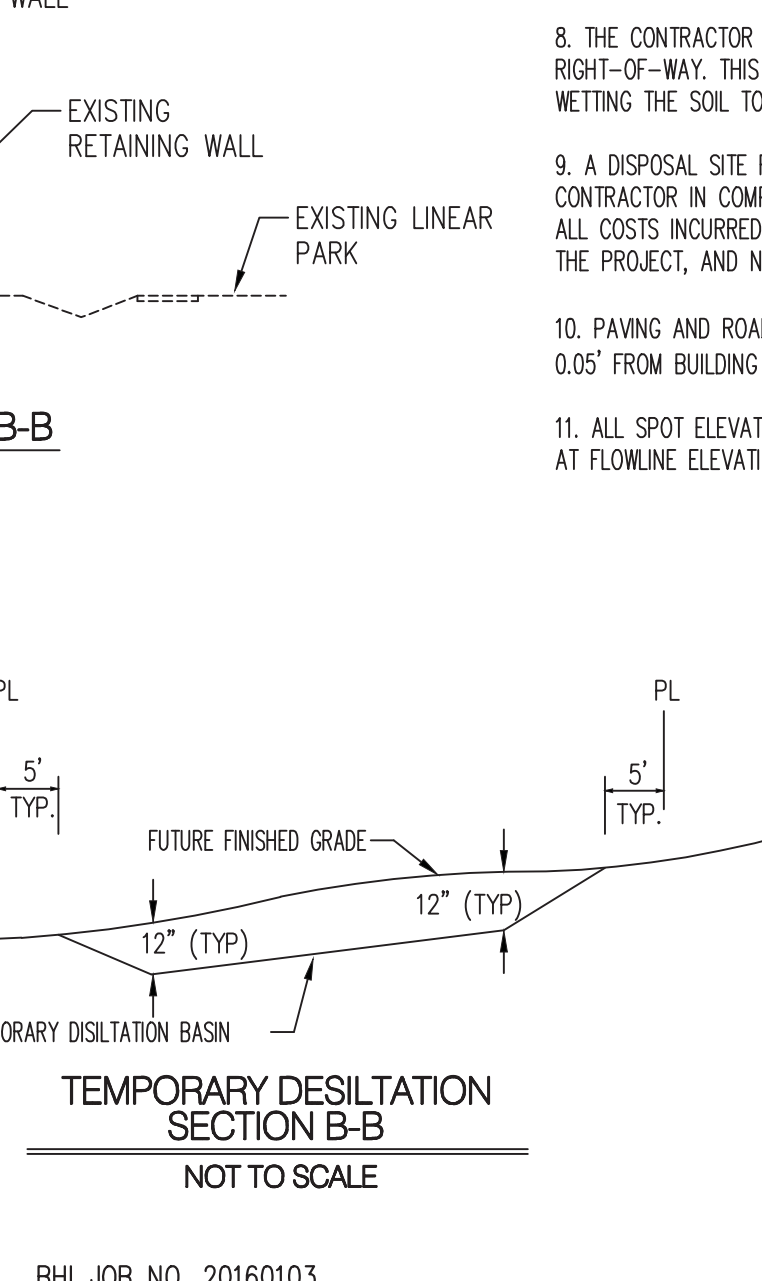
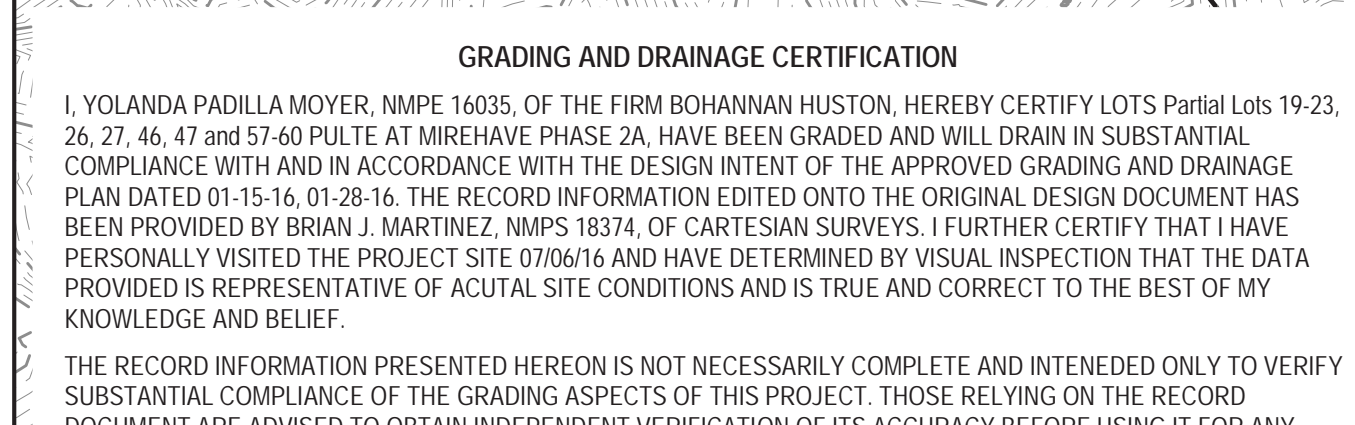
Abiel Carrillo, P.E.

Principal Engineer, Planning Dept.
Development and Review Services

www.cabq.gov

TE/AC

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



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 SHALL 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 THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY XREINVIARD DATED JULY 22, 2013. ALL OTHER WORK, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (FIRST PRIORITY), AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
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 THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
10. PAVING AND ROADWAY GRADES SHALL BE $\pm 0.1'$ FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE $\pm 0.05'$ FROM BUILDING PLAN ELEVATIONS.
11. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE ELEVATION.

[illegible]

I, YOLANDA PADILLA MOYER, NMP# 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY THAT Partial Lots 19-23-26, 27, 46, 47 and 57 OF 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, NMP# 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 07/06/16 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 Moyar 07/07/16
YOLANDA PADILLA MOYER, NMPE 16035 DATE





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 

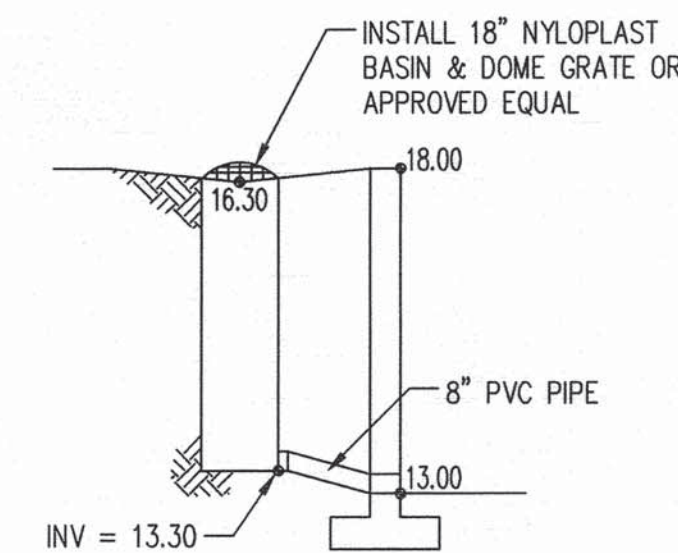
PAD 

WALL OPENING 

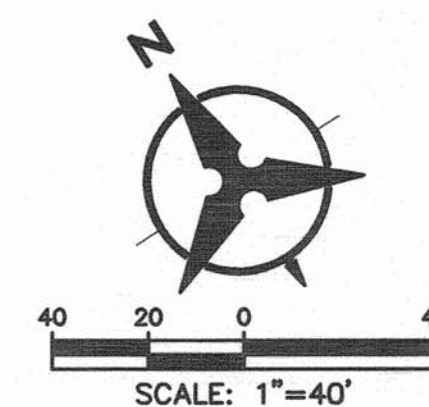
STREET SLOPE 



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



BASIN & DOME GRATE DETAIL
NOT TO SCALE



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



CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PULTE @ MIREHAVEN PHASE 2A
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	
		3		6

AS-BUILT INFORMATION	
CONTRACTOR	DATE
ISSUED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
VERIFICATION BY	DATE
REWORKS	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

BENCH MARKS
SC&GS BRASS DISC STAMPED "REWARD 1969"
GEOGRAPHIC POSITION (NAD 83)
N.M. STATE PLANE COORDINATES
CENTRAL ZONE)
E=1487364.063 E=1491190.819
ROUND TO GRID = 0.999675005
DELTA ALPHA = -001°12.26"
NAD 1988 ELEVATION = 5319.688

[illegible]

5		05-24-16		LOT 21 PAID ELEVATION REVISION		YPM
		01-28-16	PAID DEPTH INCREASED TO 90" FOR LOTS 1-19, 22-32, 35, 48-52	YPM		
			540-76, 79-89, FUTURE LOTS 90, 130, 132-139, 152, 173	YPM		
2	02-16-16		MINOR REV TO WALL ELEV ON LOTS 20,34, 35,47, 48, 55, 96,73	YPM		
3	04-19-16		MINOR REV TO WALL N. OF LOT 25 TO ACCOMMODATE SAS LINE	YPM		
NO.	DATE		REMARKS	BY		
				REVISIONS		
				DESIGN		
DESIGNED BY		YPM		DATE:12/2015		
DRAWN BY		AR		DATE:12/2015		
CHECKED BY		AR		DATE:12/2015		

July 7, 2016

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

Re: Partial Grading and Drainage Certification, 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 19-23, 26, 27, 46, 47 and 57-60. 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.

After reviewing these as-built elevations and visiting the site on 07-06-16 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: Peter Steen, Pulte Homes
Kevin Patton, Pulte Homes



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: 07-07-16 **By:** YOLANDA PADILLA MOYER, P.E.

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: _____