## CITY OF ALBUQUERQUE



February 20, 2018

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

Re: Pulte @ Mirehaven 2B Pad Certification for lots 149-150, 90-103 Engineer's Stamp dated: 1-28-16 (H09D017E) Certification dated: 2-16-18

Dear Ms. Padilla-Moyer,

Based on the Certifications received 2/16/18, 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,

anus

James D. Hughes, P.E.

Principal Engineer, Planning Dept. Development and Review Services

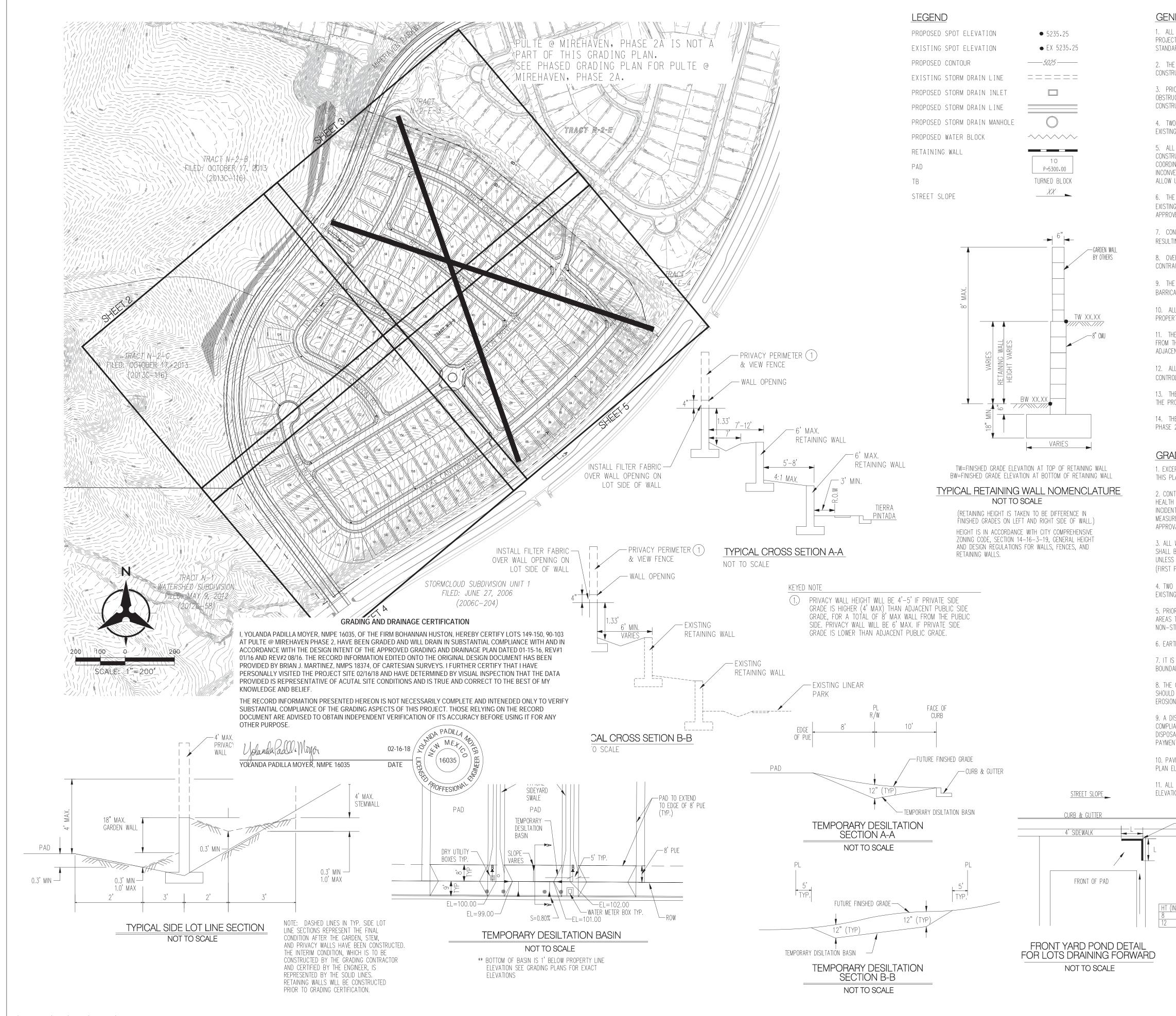
Albuquerque

NM 87103

TE/JH C: email

www.cabq.gov

Albuquerque - Making History 1706-2006

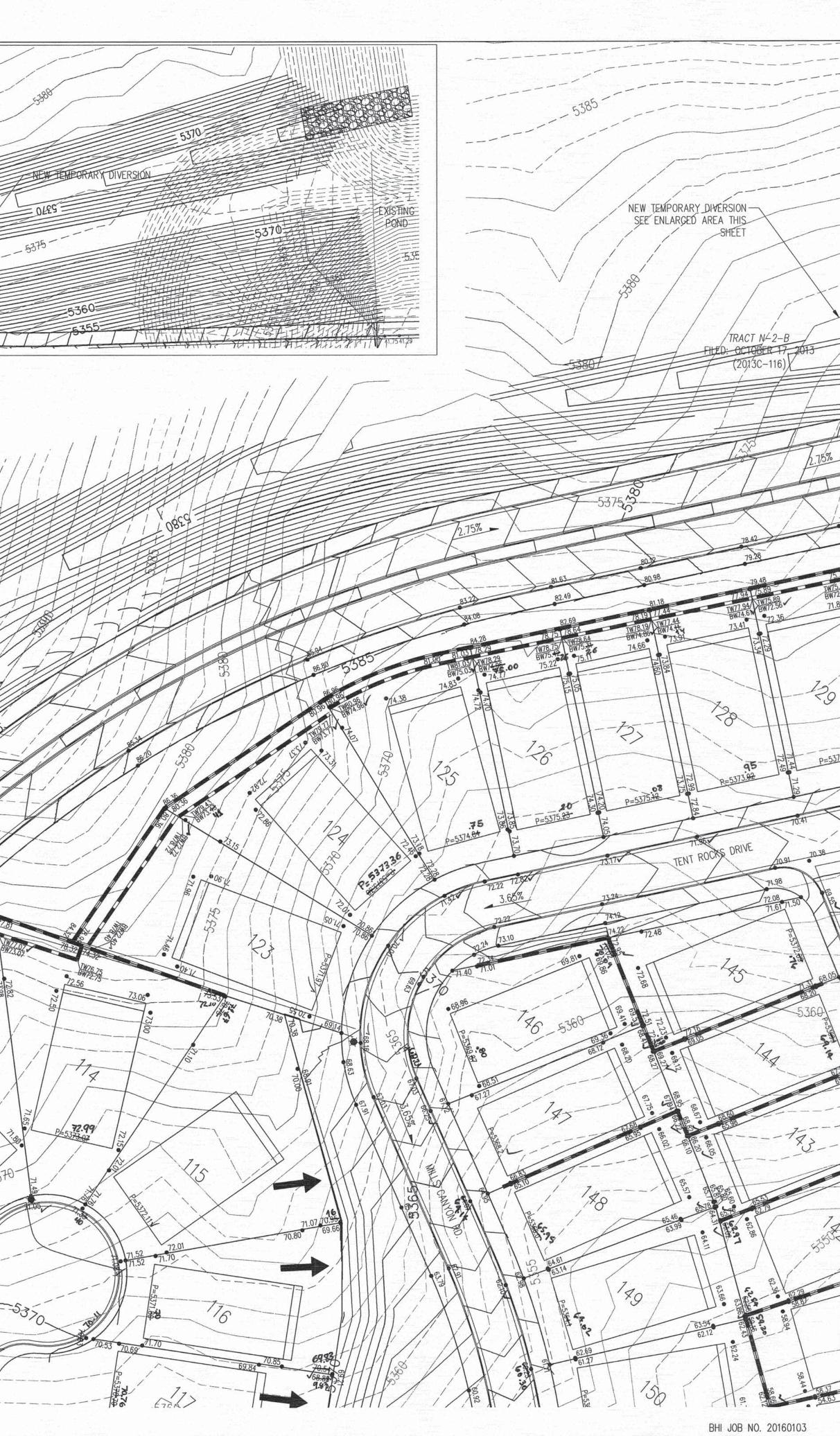


P:\20160103\CDP\Plans\General\20160103\_Grading01.dwg Tue, 16-Aug-2016 - 10:51:am, Plotted by: YPADILLA

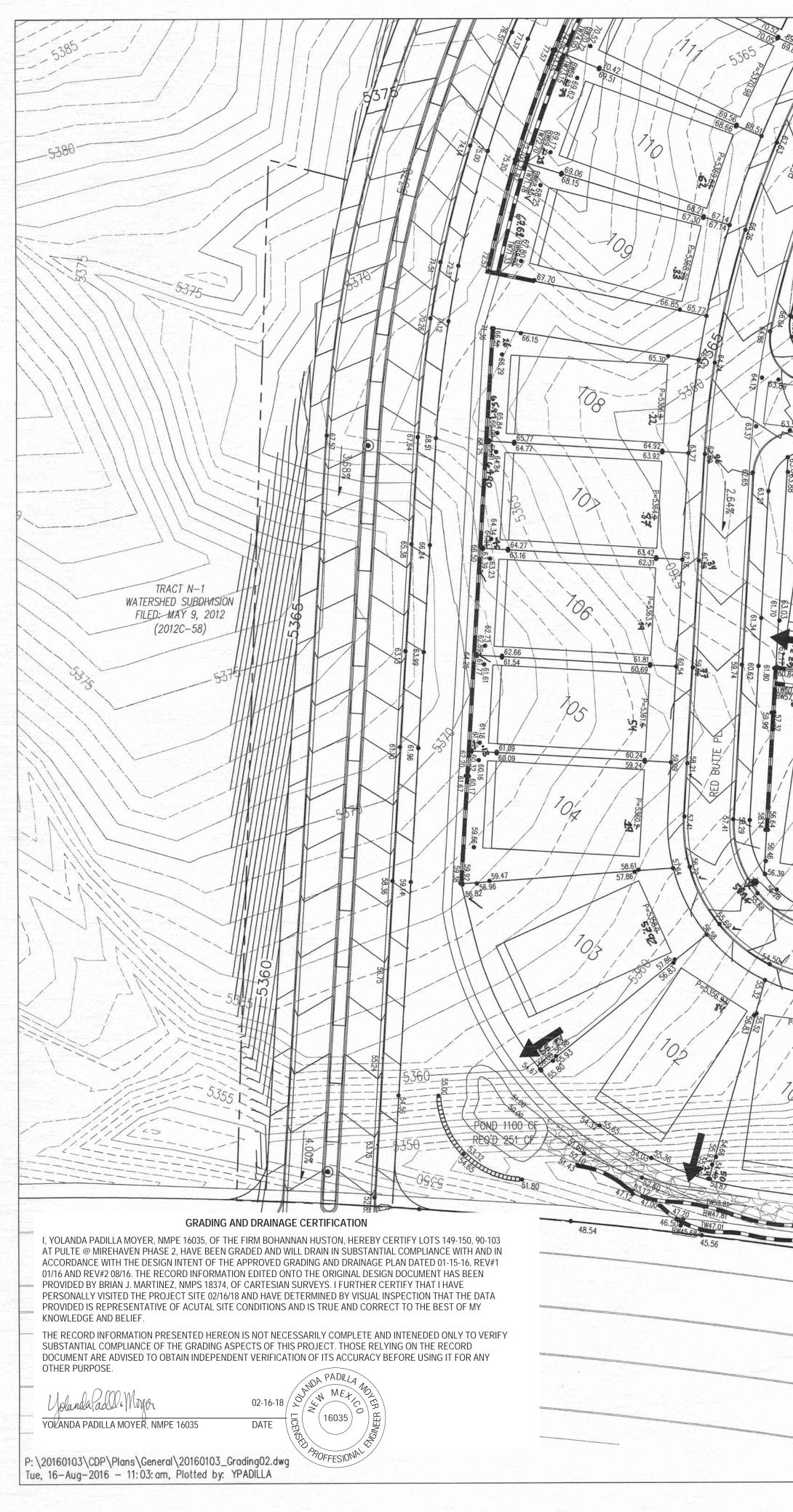
BHI JOB NO. 20160103

<mark>JERAL NOTES</mark> L WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE CT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORK		ATION	ATE	DATE	DATE	DATE	DATE	RMATION	ATE	ATE	
ARDS SHALL APPLY. E CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO TH		FORMA						NFORN			
RUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.	NTIAL	LT IN						$\mathbb{N}_{\mathbb{N}}$			
UCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE RUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. 10 (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCA		DBUI	TRACTOR	В≺	OR'S ANCE BY	ATION BY	GS TED BY	RO-F	ED BY		
IG UTILITIES.		AS	CONTRA	WORK Staked by	NSPEC <sup>-</sup> ACCEPT	FIELD VERIFIC,	ORAWIN CORREC	MICI	RECORDED	NO.	
L ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DUF RUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPON INATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR /ENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIV UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.	SIBLE FOR		EWARD 1969"								
E CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY D IG FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE / VED BY THE CONSTRUCTION OBSERVER.		<b>A</b> RKS	AMPED "REW	\D 83)	OORDINATES		0.819	999675005	2.26"	5319.688	
NSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROF TING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.	PERTIES	H MA		ON (NAD	COORD		1491190.819	Ö	00°17'12	= NO	
ERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. TH ACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.	ŧΕ	BENC	SS DISC	POSITION	PLANE	ONE)	063 E=1	GRID =	A = -(	ELEVATION	
E CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION ( CADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).	(I.E.,		BRA	GRAPHIC	ш	NTRAL ZC	487364.0	UND TO	ALPH	1988 E	
LL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL RTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.			USC&GS	GEOGF	.	(CENT	N=148		DELTA	NAVD	
HE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SU THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ENT TO EXISTING STREETS.		NOI		DATE							
LL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM OL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.	TRAFFIC	RMAT	)TES								
HE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHAL ROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.	l verify	INFO	DNC	В							
HE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WI 2 REQUIREMENTS.	TH NPDES	RVEY									
ADING NOTES		SUR		NO.							
EPT AS PROVIDED HERIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS S LAN.	SHOWN ON			~							_
ITRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE ENVIRONMEN H DIVISION, PRIOR TO CONSTRUCTION. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES NTAL TO THE PROJECT COST. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CON RES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND VALS.	SHALL BE NTROL	R'S SEAL	l	10	North Color	DA P ANY	ADIL	13 4	EAN A	p. Dh	
WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS BE CONSTRUCTED IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY X8EVINYARD DATED JULY 22, 2013. ALL OTH S OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFIC PRIORITY), AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORIT	ER WORK, CATIONS	ENGINEEF	(		INFINSTED /	TOF	ESI	216 DNA	MOINEE	10	
) WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765–1264) FOR LOCATIO IG UTILITIES.	)N OF	M		YРМ		$\succ$			D	5	2
OR TO GRADING, ALL VEGETATION DEBRIS, AND NEAR SURFACE ORGANICALLY CONTAMINATED SOIL SHALL BE STRIPPED FI TO BE GRADED. VEGETATION AND DEBRIS SHALL BE DISPOSED OF OFF-SITE OR STOCK-PILED FOR USE IN PLANTERS A STRUCTURAL FILLS.		, 48-52 YPM		REMOVED YF		m			2	. 2/2	ATE12/201
TH SLOPES SHALL NOT EXCEED 4 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.		2-32, 36,		GRADING R					DA	DA	DA
ARIES EXCEPT AS REQUIRED BY THIS PLAN. CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF- D BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES WETTING THE SOIL TO PROTECT IT FROM		LOTS 1-19, 22	162-173	08/PH 2A		KS					
MYN. MISPOSAL SITE FOR ALL EXCESS EXCAVATION AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN IANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBT SAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO SEPARATE MEASUREMENT OF		TO 90' FOR L	39, 143–160,	LOTS 90-1		REMARK	$\overline{\bigcirc}$	ESIGN			
NT SHALL BE MADE. VING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05'FROM	1 BUILDING	REASED	), 132–13	REV. FOR							
ELEVATIONS. _ SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE	-	DEPTH INCREASED	, 79–130	LOT LINE							
TION.		16 PAD D	54-76	6 BACK		1.1			ΥΡΜ	AR	ΥΡΜ
FRONT YARD POND TO BE CONSTRUCTED ON LOW SIDE OF LOT AS PART OF LANDSCAPING BY HOME BUILDER. OPTION OF 8" BERM OR 12" BERM PER BODADADADADADADADADADADADADADADADADADADA		01-28-1		08-12-1		NO. DATE			DESIGNED BY	$\succeq$	CHECKED BY
DIMS BELOW.		E]	R	21	U	_					
N) L (FT)											_
PULTE @ MIREHAV 9 OVERALL GRADIN		4SE	: 2								
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL	Z		M	0./D,	AY/Y	'n.	MO	./DA	<u>Y/</u> YF	۶.	
	LAST DESIGN UPDATE										
			0.				~~~				
CITY PROJECT NO. ZONE	MAP NO.		SH	EET	1		OF		Ę	5	

**D**<sup>z</sup> ENLARGED POND AREA SCALE: 1"=50' GRADING AND DRAINAGE CERTIFICATION I, YOLANDA PADILLA MOYER, NMPE 16035, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY LOTS 149-150, 90-103 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 02/16/18 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 INTENEDED 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. 02-16-18 Volanda add " Monor YOŁANDA PADILLA MOYER, NMPE 16035 DATE -----8 215 3+ P:\20160103\CDP\Plans\General\20160103\_Grading02.dwg Tue, 16-Aug-2016 - 10:52:am, Plotted by: YPADILLA

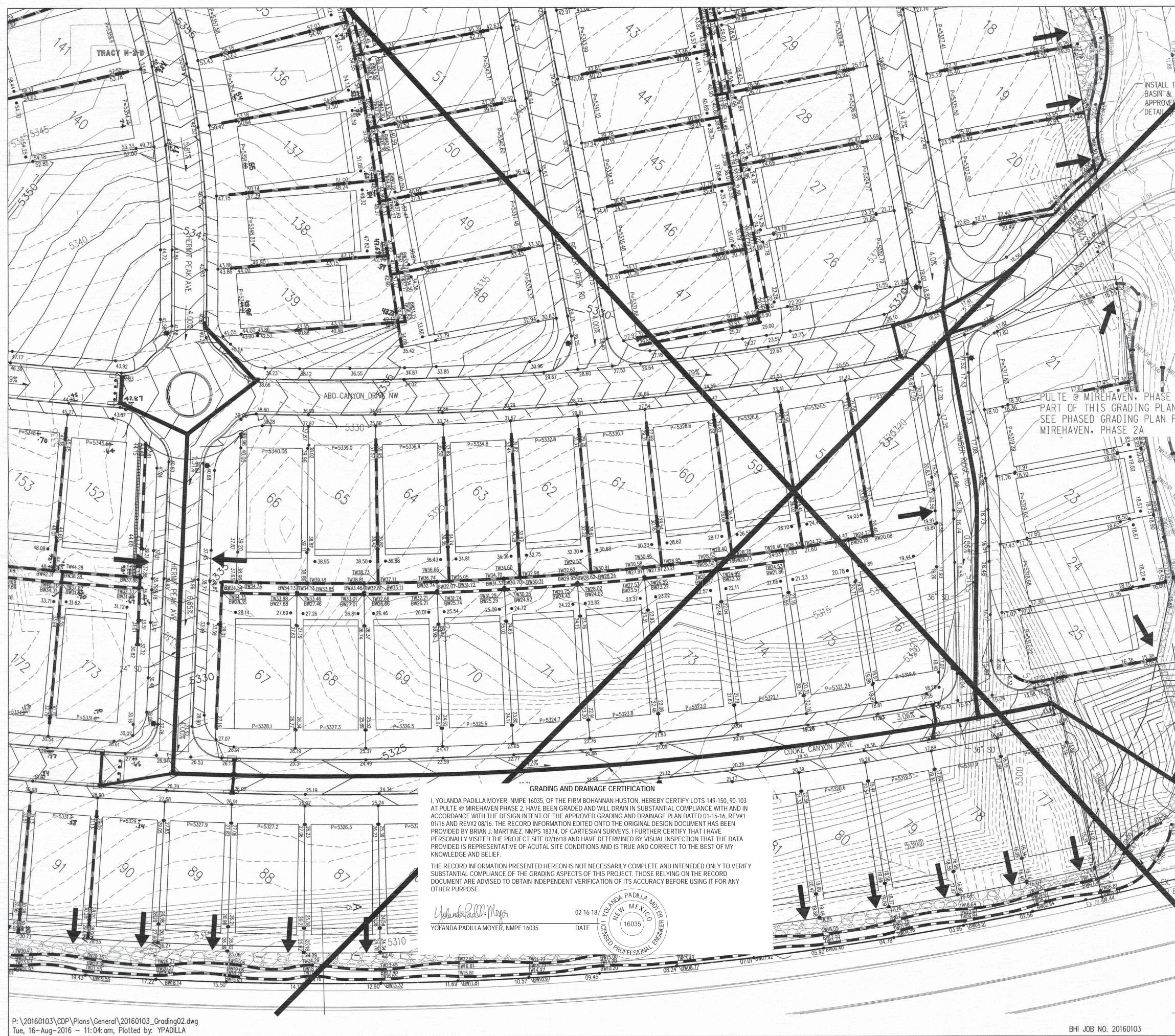


	terreterreterreterreterreterreterreter	a the second	Law and the second second			-							
				NO						NO			1919
					DATE	DATE	DATE	DATE	DATE	1ATI	DATE	DATE	
				ORMATI	D	Q	0	0	O	ORMA	Q	Ō	
	LEGEND			NFO				-		INF			
	PROPOSED SPOT ELEVA EXISTING SPOT ELEVA		<ul><li>5235.25</li><li>EX 5235.25</li></ul>							Σ	3		
	PROPOSED CONTOUR		-5025	BUIL			В	BΥ	ВΥ		ВΥ		
	EXISTING STORM DRAI	N LINE =	=====	S L M	CONTRACTOR	D BY	ACCEPTANCE	VERIFICATION		RO			
	PROPOSED STORM DRAIL	N INLET		A	ONTR/	STAKED	CCEP.	ERIFIC	CORRECTED	MIC	RECORDED	NO.	
1-	PROPOSED STORM DRAIL	N LINE			69" C	≥ N ≥	× ū	>0	20		æ	Z	
	PROPOSED STORM DRAIL		0		19				-				
$\sim$	PROPOSED WATER BLOCK	< ~	~~~~~		"REWARD	•						688	
	RETAINING WALL PAD	Γ	10	XS	1.1		VIES		19	5005	.9	oil	
	WALL OPENING	L	P=5300.00	MARK		(NAD	COURDINAIE		1491190.819	99967500	12.26"	= 531	
	STREET SLOPE		XX		STAI	N ()	NOC		4911	0.90	1,21.00	= NC	
		X	ROBADURC	BENCH	DISC	-	JL S		Ш	= 0	1	ELEVATION	
The	COBBLE RUNDOWN			BE	101	o	PLANE	Z OINE	364.063	GRID	HA =		
TA					1. I	APHIC		Ļ		D T0	ALPHA	1988	
LA E					USC&GS		N. VI	(CEN IRAL	N=1487	GROUND	DELTA	NAVD .	
37 135					NS		N.M.	2	Z	GR	DE	AN	_
1						ATE							
A 15.00				INFORMATION			+	+		-	_		_
15.36				MA	E N			1					
T13.94 AV73.94 AV70.6				OR	NOTES	$\mathbf{x}$							
70.41				I I		m							
The second second				Ц Ц							-	-	
				SURVE			-					_	_
				N N		NO.							
30////												1	15
				AL									
73.64 68.12. P=5374.87				SE		. /	AND	API	ADIL	LAA	B		
P=207000 080				R'S		100	10	at	ad 3035	(D)		12h	
365				ENGINEER	6	I CENT	1/2	-4	5	214	NGINEER	1	5
				GIN			° þ	X	P	NA	)		
50% -				17	1		1	UFF	ESIC	/			
				N N N			~		ESIC				
69.51						M			ESI	-	ß	2	5
193				MAY		M TPM			ESI		/201	/201	/201
193				48-52 YPM	ļ				ESI		/201	/201	/201
69.51				36, 48-52 YPM	i				ESK		DATE12/2015	/201	DATE12/2015
69.51 869.69				48-52 YPM		GRADING REMOVED YPM			ESIL		/201	/201	/201
69.51				22-32, 36, 48-52 YPM		2A GRADING REMOVED			ESI		/201	/201	/201
93 69.51 869.69			1	1-19, 22-32, 36, 48-52 YPM	. 162–173	2A GRADING REMOVED			ESIL		/201	/201	/201
69.51 869.69			1	FOR LOTS 1-19, 22-32, 36, 48-52 YPM		90-108/PH 2A GRADING REMOVED		KKS	SNO	N	/201	/201	/201
869.69 P P P P P P P P P P P P P				90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	, 143–160,	90-108/PH 2A GRADING REMOVED		KKS	VISIONS	ESIGN	/201	/201	/201
869.69 PIII BERRING PIIII BERRING BERRING BERRING BERRING PIIII BERRING BERRIN BERRING BERRINO				TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	, 143–160,	FOR LOTS 90-108/PH 2A GRADING REMOVED		KKS		DESIGN	/201	/201	/201
93 6951 869.69 Participan 869.69 Participan 8869.69 Participan 8869.69 Participan 8869.69 Participan 8869.69 Participan P	40		1	TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	132-139, 143-160,	REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		KKS	REVISIONS	DESIGN	/201	/201	/201
869.69 PIII BERRING PIIII BERRING BERRING BERRING BERRING PIIII BERRING BERRIN BERRING BERRINO	40		40	TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	79-130, 132-139, 143-160,	REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		KKS	REVISIONS	DESIGN	/201	/201	/201
869.69 P1151829 93 93 93 93 93 93 93 93 93 93 93 93 93	40	20 0 SCALE: 1"=-		DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	79-130, 132-139, 143-160,	REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		KKS	REVISIONS	DESIGN	DATE12/201	DATE12/201	DATE12/201
93 6951 869.69 869.69 8859 8859 8859 8859 8859 8859 8859 88	40			PAD DEPTH INCREASED TO 90' FOR LOTS 1–19, 22–32, 36, 48–52 YPM	132-139, 143-160,	BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		REMARKS	REVISIONS	DESIGN	YPM DATE12/201	AR DATE12/201	YPM DATE12/201
		SCALE: 1"=	40'	28–16 PAD DEPTH INCREASED TO 90' FOR LOTS 1–19, 22–32, 36, 48–52 YPM	79-130, 132-139, 143-160,	REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		KKS	REVISIONS	DESIGN	BY YPM DATE12/201	AR DATE12/201	BY YPM DATE12/201
93 6951 869.69 869.69 8859 8859 8859 8859 8859 8859 8859 88	Bohanna	SCALE: 1"=	<sup>+0'</sup>	01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	79-130, 132-139, 143-160,	BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		.   UA IE   KEMARKS	REVISIONS	DESIGN	BY YPM DATE12/201	AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"=	40' <b>Iusto</b> 800.877.533	CU 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	54-76, 79-130, 132-139, 143-160,	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU.   UA IE   KEMARKS	REVISIONS	DESIGN	YPM DATE12/201	Y AR DATE12/201	YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"=	40' <b>Husto</b> 800.877.533	CU 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	54-76, 79-130, 132-139, 143-160,	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU.   UA IE   KEMARKS	REVISIONS	DESIGN	BY YPM DATE12/201	AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"= SCALE:	40' HUSTO 800.877.533 LBUQ F OF EVELOI	EI 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>1 1 1 1 1 1 1 1 1 1</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU.   UA IE   KEMARKS	REVISIONS	DESIGN	BY YPM DATE12/201	AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' HUSTO 800.877.533 LBUQ F OF EVELOI	EI 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>1 1 1 1 1 1 1 1 1 1</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU.   UA IE   KEMARKS	REVISIONS	DESIGN	BY YPM DATE12/201	AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' <b>IUSTO</b> 800.877.533 <b>LBUQ</b> <b>FOF</b> <b>EVELOI</b> AIREHAVEN RADING PLAN	EI 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>E 1 2 2 2 2 2 2 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1</b>	2 08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU. IVAIE REMARKS	REVISION	DE	DESIGNED BY YPM DATE12/201	DRAWN BY AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' HUSTO 800.877.533 LBUQ FOF EVELOI AIREHAVEN BADING PLAN	EAL SEAL In 201-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>E 1 2 2 2 2 2 2 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU. IVAIE REMARKS	REVISION	DESIGN	DESIGNED BY YPM DATE12/201	DRAWN BY AR DATE12/201	BY YPM DATE12/201
693 69351 868.69 86	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' HUSTO 800.877.533 LBUQ FOF EVELOI AIREHAVEN BADING PLAN	EAL SEAL In 201-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>E 1 2 2 2 2 2 2 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1</b>	2 08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU. IVAIE REMARKS	REVISION	DE	DESIGNED BY YPM DATE12/201	DRAWN BY AR DATE12/201	BY YPM DATE12/201
	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' HUSTO 800.877.533 LBUQ FOF EVELOI AIREHAVEN BADING PLAN	EI 01-28-16 PAD DEPTH INCREASED TO 90' FOR LOTS 1-19, 22-32, 36, 48-52 YPM	<b>E 1 2 2 2 2 2 2 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1</b>	2 08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU. IVAIE REMARKS	REVISION	DE	DESIGNED BY YPM DATE12/201	DRAWN BY AR DATE12/201	BY YPM DATE12/201
693 69351 868.69 86	Bohanna www.bhinc.com	SCALE: 1"= SCALE: 1"=	40' HUSTO 800.877.533 LBUQ FOF EVELOI AIREHAVEN BADING PLAN	LAST DESIGN TO UPDATE UPDATE TO UPDA	<b>E 1 2 2 2 2 2 2 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1</b>	20 08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		NU. IVAIE REMARKS	REVISION	Ш  ЛДА	DESIGNED BY YPM DATE12/201	DRAWN BY AR DATE12/201	BY YPM DATE12/201



59.25 59. 4.24 58.32 58.62 ,58.17 · / 8 E ca 51.42 59,4 19 Rn 4.98 80/90 ABO CANYON 100 P=5363.92 50.66 / 5363.8 P=5362.4 <sup>D=5360.6</sup> 31.04 .72 =5359.0 163 =53<del>57.0-</del> 56.98 P=5355.0 1 55345-P=5352.92 50 50 56 · 62.06 61.61 60.54 58.50 57.04 56.59 • 54.97 .20 54.52 \$52.89 52.39 . 2 50.64 50.19 .17 27 11 2 52.51 52.67 94.00 1.30 47.31 5336.9 ~ 39.98 5355.6 37.50 COOKE CANYON DRIVE .98 =5338.6. BHI JOB NO. 20160103

Little												
12				DATE	DATE	DATE	DATE		ORMATION	DATE	DATE	
55. A 58.37 54.65	LEGEND		INFO						M INF			
54.0	PROPOSED SPOT ELEVATION EXISTING SPOT ELEVATION	• 5235.25 • EX 5235.25		OR CL	ВҮ	KS ICE BY	ON BY	D BY	0-FIL	ΒY		
15345 • 54.18	PROPOSED CONTOUR EXISTING STORM DRAIN LI			CONTRACTOR	WORK STAKED B	INSPECTOR'S ACCEPTANCE	FIELD VERIFICATION	DRAWINGS CORRECTED	MICR	RECORDED	NO.	
52.857	PROPOSED STORM DRAIN IN PROPOSED STORM DRAIN LI			1969"								
120	PROPOSED STORM DRAIN MA PROPOSED WATER BLOCK			"REWARD	3)	ES		0	005	1	.688	
5340	RETAINING WALL PAD	1 O P=5300.00		STAMPED	(NAD 83)	COORDINATES		=1491190.819	0.999675005	7'12.26"	= 5319.	-
	WALL OPENING STREET SLOPE			-lio	POSITION		~	E=149	11		EVATION	
				BRASS DISC	1 1	ATE PLANE	( ZONE)	87364.063	TO GRID	ALPHA =	988 ELE	
f	SWALE ALONG	HALL INSTALL 7' WIDE 1 THE EAST PROPERTY LINE EP SWALE ALONG THE NOR E WHERE LOTS DRAIN TO	AND TH	USC&GS	GEOGRAPHIC	N.M. STATE	(CENTRAL	N=14873	GROUND	DELTA A	NAVD 19	
1.17 M	BACK OF THE	LOT, SWALE SHALL BE 12 ON WITH FILTER FABRIC RED COBBLE	AND 1"		ATE 0	2	<u> </u>	2			2	
46.30			NOIF	ES								-
4435				NOTE	BΥ							
P=5348.6 .70												
			CI I DVEV		NO.							
753												_
				1 L	11 d	(in	DA F	ADIL	IA AL	En	N	
1916			0	)	$\Lambda(l)$	24	ast	to	(m)	MAN	Van	1
48.08					H	of Indian		6035	214	MGINEER HA	18	
59 42:69 42:69 8042.31 8044.28 8042.31 80458.28					YA	of light		6035 15 15	SIL ONA	ALCINEER HA	18	
22 5 4 42.60 48.34 57 TW44.28			ndx	W 11	Md	of the second	BY / A/	6035 15 18 18	- IL			2015
24         7           42:69         48.24         57           W40.69         1144.28           W40.69         1140.31           W34:29         8W34.31           BW34.31         -9W31.82           94.16         114.16			10 ED VDM	M = 70 0+	MdY	O LA IGENSED	T DEF	6035 15 15 15 15	5-11-	12/2015	2/2015	ATE12/2015
24         7           42:69         48.24         57           W40.69         1144.28           W40.69         1140.31           W34:29         8W34.31           BW34.31         -9W31.82           94.16         114.16				22-32, 00, 40-32	GRADING REMOVED YPM	of Instant	T DEF		STATISTICS ON AN	2/2015	/2015	DATE12/2015
24         7           42:69         48.24         57           W40.69         1144.28           W40.69         1140.31           W34:29         8W34.31           BW34.31         -9W31.82           94.16         114.16				22-32, 00, 40-32	2A GRADING REMOVED YPM	or instance	S BY AN			12/2015	2/2015	
69     13.24     TW44.28       42.69     BW42.31     BW35.28       40.69     JW40.31     JW37.82       54.16     33.71     31.62       7     31.62       7     31.62       7     56       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62       9     1.62			00' FOD LATE 4 10 22 22 40 FOL	30 FUN FOID 1-13, 22-32, 30, 70-32 HTM 143-160 162-173	90-108/PH 2A GRADING REMOVED YPM	or instance	ARKS BY / AV	SNO	GN	12/2015	2/2015	
62     13.24     TW44.28       42.69     8W42.31     8W38.28       44.063     100.31     100.787       8W34.31     8W34.82     8W34.82       94.16     33.71     31.62			TA AA' FAD LATE 1 10 A7 20 26 40 60 VDM	10 30 FUN EUIS 1-13, 22-32, 30, 70-32 HTM 30 143-160 162-173	FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	or literation	RKS BY / AV	S S S S S S S S S S S S S S S S S S S	ONAT	12/2015	2/2015	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			TA AA' FAD LATE 1 10 A7 20 26 40 60 VDM	10 30 FUN EUIS 1-13, 22-32, 30, 70-32 HTM 30 143-160 162-173	OT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	of Instant	ARKS BY / AV	EVISIONS EVISIONS	SIGN	12/2015	2/2015	
100     100       42,69     90       42,69     90       42,69     90       90     90       44,69     90       90     90		$\begin{array}{c} & & \\$	TA AA' FAD LATE 1 10 A7 20 26 40 60 VDM	10 30 FUN EUIS 1-13, 22-32, 30, 70-32 HTM 30 143-160 162-173	BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	or literation	REMARKS BY	EVISIONS EVISIONS	SIGN	· YPM DATE12/2015	2/2015	YPM DATE12/
12     13     17       42,69     13,24     15     TW44,28       42,69     1040,31     1037,822       134,16     33,71     -31,62       14,16     33,71     -31,62       1     -7     -36       7     -7     -36       7     -7     -7       30,98     -7     -7		SCALE: 1"=40'		10 30 FUN EUIS 1-13, 22-32, 30, 70-32 HTM 30 143-160 162-173	LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	or literation	ARKS BY / AV	EVISIONS EVISIONS	SIGN	BY YPM DATE12/2015	BY AR DATE12/2015	BY YPM DATE12/
12     13     17       42,69     13,24     15     TW44,28       42,69     1040,31     1037,822       134,16     33,71     -31,62       14,16     33,71     -31,62       1     -7     -36       7     -7     -36       7     -7     -7       30,98     -7     -7	Bohanna www.bhinc.com	SCALE: 1"=40' <b>n A Hus</b> 800.87	ton 77.5332	01-20-10 FAU DEFIN INCARAGED 10 30 FON E013 1-13, 22-32, 30, 70-32 11 M	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	8	NO. DATE REMARKS BY / AV	REVISIONS REVISIONS	SIGN	Y YPM DATE12/2015	8Y AR DATE12/2015	YPM DATE12/
12     13     14     18       42,69     BW42.31     BW32.32       40,69     BW42.31     BW37.82       41,16     33.71     -31.62       7     -31.62       7     -31.62       7     -30.54       9=5334.2     -7       30.54     -7       9     -7       9     -7       9     -7       7     -7       7     -7       9     -7	Bohanna www.bhinc.com	SCALE: 1"=40'	<b>ton</b> 77.5332	<b>K</b> 54-76 79-130 132-139 143-160 162-173 54-76 79-130 132-139 143-160 162-173	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	8	NO. DATE REMARKS BY / AV	REVISIONS REVISIONS	SIGN	BY YPM DATE12/2015	BY AR DATE12/2015	BY YPM DATE12/
12       13.24       TW44.28         140.63       140.31       140.32         140.63       140.31       140.32         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       33.71       -31.62         141.61       30.54       P=53.334.2         141.61       30.54       P=53.334.2         141.61       30.54       P=53.334.2         141.62       14.2       P=53.334.2         141.61       30.54       P=53.334.2         141.62       14.2       P=53.334.2         141.63       14.2       P=53.334.2         141.64       14.2       P=53.334.2         141.65       14.6       14.6         141.64       14.6       14.6         141.65       14.6       14.6         141.65       14.6       14.6         141.65       14.6       14.6         152.7       14.6       14.6	Bohanna www.bhinc.com	SCALE: 1"=40' <b>NALHUS</b> 800.87 <b>OF ALBU</b> <b>TMENT OF</b>	ton 77.5332 UQUE	<b>K</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM	8	NO. DATE REMARKS BY / AV	REVISIONS REVISIONS	SIGN	BY YPM DATE12/2015	BY AR DATE12/2015	BY YPM DATE12/
12       24       1044.28         42,69       BW42.31       BW32.28         40,69       BW42.31       BW32.82         40,69       BW42.31       BW32.82         41,16       33,710       -31,62         7       -31,62       -         7       -31,62       -         7       -31,62       -         7       -31,62       -         7       -31,62       -         7       -31,62       -         7       -31,62       -         7       -       -         7       -       -         7       -       -         7       -       -         7       -       -         7       -       -         7       -       -         7       -       -         30,98       -       -         9       -       -       -         9       -       -       -         9       -       -       -         9       -       -       -         9       -       -       -         9	Bohanna www.bhinc.com	SCALE: 1"=40' <b>DELETION</b> SCALE: 1"=40' <b>DELETION</b> SCALE: 1"=40' BOOMERNE SCALE: 1"=40' BOOMERNE SCALE: 1"=40' SCALE:		<b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM		A NO. DATE REMARKS BY	REVISIONS	DESIGN	BY YPM DATE12/2015	DRAWN BY AR DATE12/2015	BY YPM DATE12/
12       13.24       TW44.28         140.60       BW42.3       BW35.28         140.61       BW34.31       BW35.82         141.61       33.71       -31.62         1       -33.71       -31.62         1       -7       -8         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         1       -7       -7         30.54       -7       -7         1       -7       -7         30.98       -7       -7         30.98       -7       -7         30.93       -7       -7         1       -7       -7       -7         1       -7       -7       -7         1       -7       -7       -7         1       -7       -7       -7         1       -7       -7       -7         1       -7       -7 <t< td=""><td>Bohanna www.bhinc.com</td><td>SCALE: 1"=40' <b>Description</b> SCALE: 1"=40' <b>Description</b> <b>Description</b> <b>OF ALBU</b> SOF ALBU SOF ALBU TMENT OF CIPAL DEVEN JLTE @ MIREHA GRADING F</td><td>ton 77.5332 UQUE VEN PHAS PLAN</td><td><b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b></td><td>08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM</td><td></td><td>A NO. DATE REMARKS BY</td><td>REVISIONS</td><td>DESIGN</td><td>DESIGNED BY YPM DATE12/2015</td><td>DRAWN BY AR DATE12/2015</td><td>BY YPM DATE12/</td></t<>	Bohanna www.bhinc.com	SCALE: 1"=40' <b>Description</b> SCALE: 1"=40' <b>Description</b> <b>Description</b> <b>OF ALBU</b> SOF ALBU SOF ALBU TMENT OF CIPAL DEVEN JLTE @ MIREHA GRADING F	ton 77.5332 UQUE VEN PHAS PLAN	<b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b> <b>E</b>	08-12-16 BACK LOT LINE REV. FOR LOTS 90-108/PH 2A GRADING REMOVED YPM		A NO. DATE REMARKS BY	REVISIONS	DESIGN	DESIGNED BY YPM DATE12/2015	DRAWN BY AR DATE12/2015	BY YPM DATE12/



BHI JOB NO. 20160103

11.55 •11.45 •13.55			NOITAN	DATE	DATE	DATE	DATE	DATE	RMATION	DATE	DATE	
18" NY OPLAST DOL GRATE OR	LEGEND PROPOSED SPOT ELEVATION EXISTING SPOT ELEVATION	<ul> <li>5235.25</li> <li>EX 5235.25</li> </ul>	T INFORMATI						-M INFOR			
CQUAL         PEB         09.12           HIS         SHEET         09.25           09.89         08.74           09.89         07.05	PROPOSED CONTOUR EXISTING STORM DRAIN LINE PROPOSED STORM DRAIN INLET			ACTO	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY		DRAWINGS CORRECTED BY	MICRO-FIL	RECORDED BY		
08.83 08.83 09.74 09.74 09.74 09.74 09.74 09.74	PROPOSED STORM DRAIN LINE PROPOSED STORM DRAIN MANHOLE PROPOSED WATER BLOCK RETAINING WALL			"REWARD 1969" CO		AC		20		RE	88 NO	
	PAD WALL OPENING STREET SLOPE	10 P=5300.00 TB	UNADKO	SC STAMPED	(NAD 8	E COORDINATES		=1491190.819	= 0.999675005	-0017'12.26"	= 5319.6	
	95% COMPACIION WI	RE LOTS DRAIN TO THE SWALE SHALL BE 12" OF TH FILTER FABRIC AND 1	P 4		RAPHIC PC	STAT	(CENTRAL ZONE)	N=1487364.063 E	GROUND TO GRID	DELTA ALPHA = -	NAVD 1988 ELEVATION	
	TO 2" FRACTURED CO 7'X5'AND 5'X5' COE PAD RESPECTIVEL PE THE POND BOTTOM AT SWALE	DBBLE, INSTALL BBLE EROSION CONTROL R SAME SWALE SPECS AT THE END OF 7' AND 5'	NOIT		DATEG	Z	<u> </u>	Z	S	0	z	
ŽA IS NOT A N. FOR PULTE @				FID NOTE	BY							
		-INSTALL 18" NYLOPLAST BASIN & DOME GRATE APPROVED EQUAL			NO.							
	INV = 13.30	18.00 8" PVC PIPE	ENICINIEED'S SEAL		Y	COLOR DOLLAR	A MACINE		的		jB	
	BASIN & DOME	GRATE DETAIL	18 57 VDN	1	VED YPM		ВY			2	12	2/2015
		Ň	00' EOD LOTS 1_10 22 32 36 48	-160 169-173	REV. FOR LOTS 90-108/PH 2A GRADING REMOVED		REMARKS	EVISIONS	DESIGN	DATE12	DATE12	DATE12,
	40 20	0 40 E: 1"=40'	DAN DEDTH INCDEACED TO	202	OT LINE REV. FOR 1			REVI	DE	YPM	AR	YPM
EX. MH	Bohannan A	800.877.53	31 BC 10 32		08-12-16		NO. DATE			DESIGNED BY		СНЕСКЕД ВҮ
SD EX 99.99 EX 93.11	MUNICIP.	F ALBUQ IENT OF AL DEVELOI	PME	VT		U	E					
		GRADING PLAN	PHAS				6					
	DESIGN REVIEW COMMITTEE CITY	ENGINEER APPROVAL	LAST DESIGN UPDATE	N	10. /D	AY/	ſ <u>R.</u>	MŌ	./DĀ	<u>(Y/Y</u>	<u>₹.</u>	
	CITY PROJECT NO.	ZONE MAP	NO.	S	HEET	Ę	 ;	OF			5	

~

## Bohannan 🛦 Huston

February 16, 2018

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

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

Re: Partial Grading and Drainage Certification (Lots 149-150, 90-103) 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 149-150, 90-103. 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.

After reviewing these as-built elevations and visiting the site on 02-16-18 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



- Spatial Data 🔺
- Advanced Technologies **A**



## City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project 7	Title: PULTE @ MIREHAVEN PHASE 2B	Building Permit #:	City Drainage #: H-9
DRB#:	10006864 EPC#:		Work Order#: 650389
Legal De	scription: PULTE @ MIREHAVEN PHASE 2B		
City Add	ress:		
Engineer	ing Firm: BOHANNAN HUSTON INC		Contact: Yolanda Moyer
-	7500 JEFFERSON ST NE COURTYARD 1 ALBUQUE	ERQUE NM 87109	
	798-7945 Fax#:		E-mail: ypadilla@bhinc.com
Owner:	PULTE 7601 JEFFERSON STREET NE SUITE 310 ALBUQ.	NNA 07400	Contact: KEVIN PATTON
Address:		NW 87 109	
Phone#:	505-341-8591 Fax#:		E-mail: kevin.patton@pultegroup.com
Architect	t:		Contact:
Address:			
Phone#:	Fax#:		E-mail:
Other Co	ontact:		Contact:
Address:			
Phone#:			E-mail:
× EN CO GR DR DR	F SUBMITTAL: GINEER/ ARCHITECT CERTIFICATION NCEPTUAL G & D PLAN ADING PLAN AINAGE MASTER PLAN AINAGE REPORT OMR/LOMR	SITE PLAN I SITE PLAN I FINAL PLAT SIA/ RELEA FOUNDATIO	SE OF FINANCIAL GUARANTEE DN PERMIT APPROVAL PERMIT APPROVAL
TR. ER	AFFIC CIRCULATION LAYOUT (TCL) AFFIC IMPACT STUDY (TIS) OSION & SEDIMENT CONTROL PLAN (ESC) HER (SPECIFY)	× GRADING/ P WORK ORDE CLOMR/LOM	MR MEETING
IS THIS A	A RESUBMITTAL?: Yes No	OTHER (SPH	ECIFY)
	UBMITTED: <u>02-16-18</u>	By: YOLANDA PADILLA MOYER, P.E.	

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