CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

April 17, 2018

Martin Garcia, PE Anchor Engineering, LLC 1035 S. Bosque Loop Bosque Farms, NM, 87123

RE: 1428 Stagecoach Rd SE

Request for Permanent C.O. – Accepted Engineer's Certification Date: 04/20/17 Engineer's Stamp Date: 04/10/18

Hydrology File: M23D019

PO Box 1293

Dear Mr. Garcia:

Albuquerque

Based on the Certification received 04/12/18 and site visit on 04/17/18, the site is acceptable for a Permanent Certificate of Occupancy by Hydrology.

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If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology

Renée C. Bressette

Planning Department



City of Albuquerque

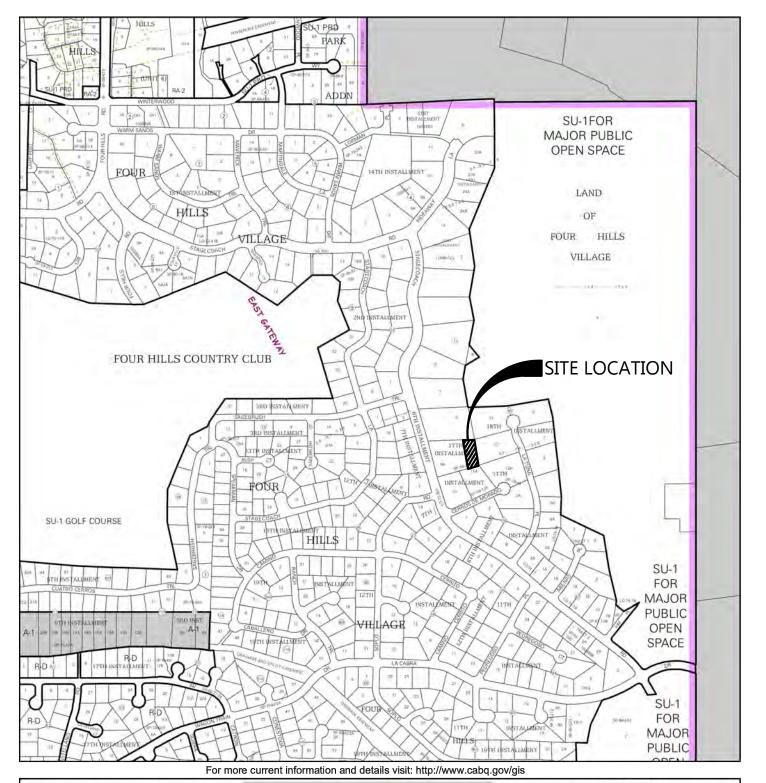
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title:		Building Permit #:	City Drainage #:		
DRB#:	EPC#:		k Order#:		
Legal Description:					
City Address:					
Engineering Firm:		Cont	act:		
Address:					
Phone#:	Fax#:	E-ma	ail:		
Owner:		Cont	act:		
Address:					
Phone#:	Fax#:	E-ma	ail:		
Architect:		Cont	act:		
Address:					
Phone#:	Fax#:	E-ma	ail:		
Other Contact:		Cont	act:		
Address:					
Phone#:	Fax#:	E-ma	ail:		
Check all that Apply: DEPARTMENT: HYDROLOGY/ DRAINAGE			ROVAL/ACCEPTANCE SOUGHT:		
TRAFFIC/ TRANSPORTATION			BUILDING PERMIT APPROVAL		
MS4/ EROSION & SEDIMENT CO	NTROL	CERTIFICATE OF	OCCUPANCY		
TYPE OF SUBMITTAL:		PRELIMINARY PI	AT APPROVAL		
ENGINEER/ ARCHITECT CERTIFIC	CATION		SITE PLAN FOR SUB'D APPROVAL		
		SITE PLAN FOR B	LDG. PERMIT APPROVAL		
CONCEPTUAL G & D PLAN		FINAL PLAT APP	FINAL PLAT APPROVAL		
GRADING PLAN		SIA/ RELEASE OF	SIA/ RELEASE OF FINANCIAL GUARANTEE		
DRAINAGE MASTER PLAN		FOUNDATION PE	FOUNDATION PERMIT APPROVAL		
DRAINAGE REPORT		GRADING PERMI	GRADING PERMIT APPROVAL		
CLOMR/LOMR		SO-19 APPROVAL	SO-19 APPROVAL		
		PAVING PERMIT			
TRAFFIC CIRCULATION LAYOU	Γ (TCL)		APPROVAL		
TRAFFIC CIRCULATION LAYOUT TRAFFIC IMPACT STUDY (TIS)	Γ (TCL)	PAVING PERMIT	APPROVAL ERTIFICATION		
		PAVING PERMIT GRADING/ PAD C	APPROVAL ERTIFICATION		
TRAFFIC IMPACT STUDY (TIS)	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP	APPROVAL ERTIFICATION ROVAL		
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET	APPROVAL ERTIFICATION ROVAL ING		
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET	APPROVAL ERTIFICATION ROVAL		
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO OTHER (SPECIFY)	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET OTHER (SPECIFY	APPROVAL ERTIFICATION ROVAL ING		

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____



M-23-Z

Selected Symbols

City Historic Zones

H-1 Buffer Zone

Drainage Narrative

Map amended through: 1/28/2016

THE PURPOSE OF THIS GRADING AND DRAINAGE PLAN LOCATED AT 1428 STAGECOACH ROAD, S.E., ALBUQUERQUE, NM IS TO ACCOMMODATE A NEW RESIDENCE. THE SITE CURRENTLY IS AN UNIMPROVED LOT SURROUNDED BY IMPROVED RESIDENTIAL LOTS. THE PROPOSED IMPROVEMENT INCLUDES A NEW

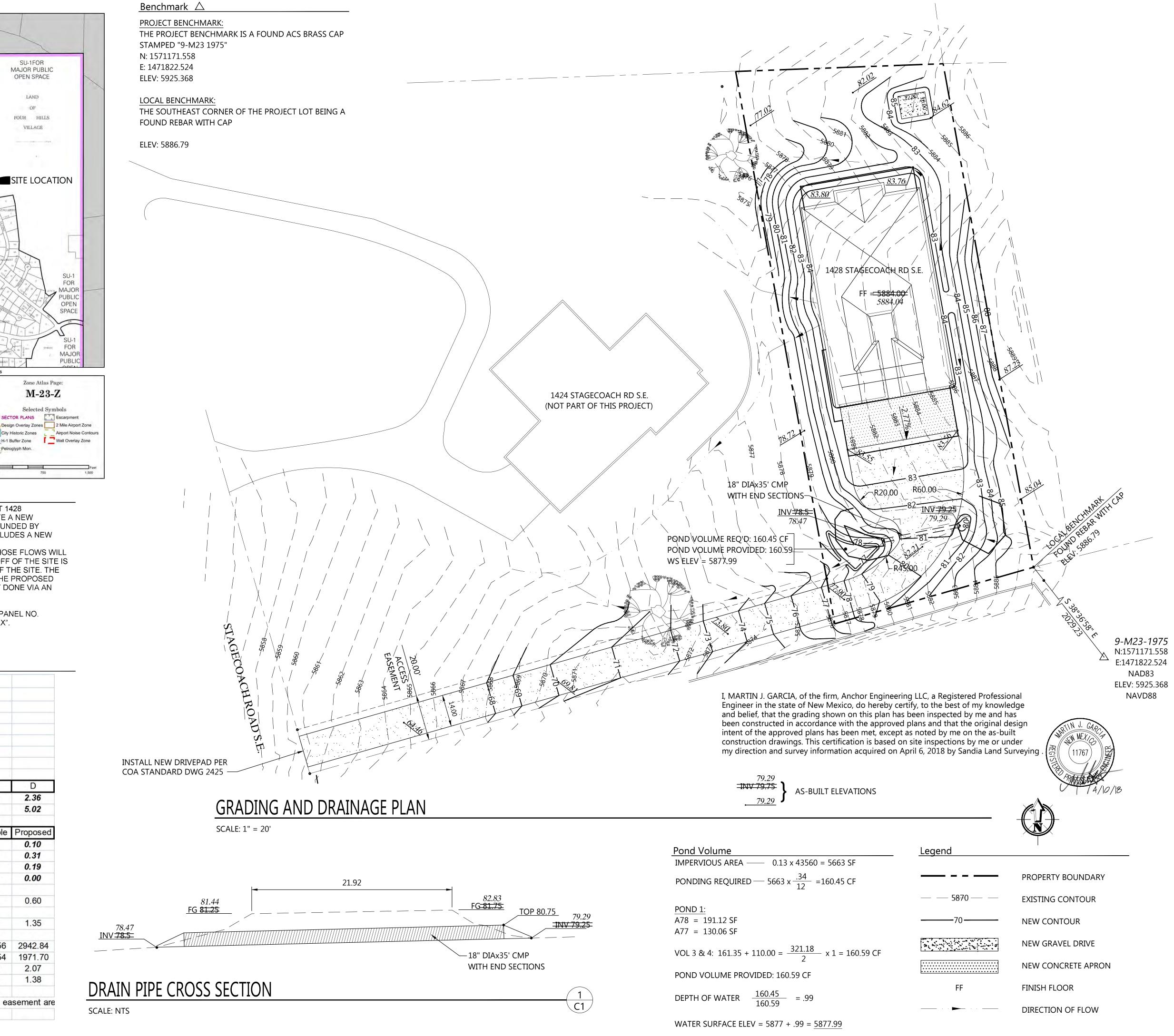
THE SITE ACCEPTS MINIMAL OFF-SITE RUNOFF FROM THE EAST. THOSE FLOWS WILL CONTINUE TO FLOW AS IT HAS HISTORICALLY. THE EXISTING RUNOFF OF THE SITE IS 0.77 CFS AND WILL INCREASE TO 1.71 CFS AFTER DEVELOPMENT OF THE SITE. THE RUN OFF WILL BE DIRECTED TO A CLEAR WATER POND WEST OF THE PROPOSED DRIVEWAY AND WILL DRAIN TO THE WEST AS IT HAS HISTORICALLY DONE VIA AN EXISTING DRAINAGE SWALE

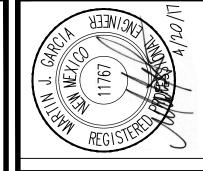
THE SITE IS NOT WITHIN THE 100 YR FLOOD PLAIN PER FEMA FIRM PANEL NO. 35001C0386G, DATED SEPTEMBER 26, 2008, DESIGNATED AS ZONE "X".

Roensch Residence				
1428 Stagecoach Road S.E				
Hydrology Calculations				
DPM - Section 22.2				
Volume 2, January 1993				
Precipitation Zone	3			
100 Year Storm Depth, P (360)	2.6			
Treatment Area	Α	В	С	D
Excess Precipitation Factors	0.66	0.92	1.29	2.36
Peak Discharge Factors	1.87	2.60	3.45	5.02
Land Treatment Area	Acres	Existing*	Allowable	Proposed
Type "D" (Roof)		0	0.10	0.10
Type "C" (Unpaved Roadway)		0	0.12	0.31
Type "B" (Irrigated Lawns)		0	0.12	0.19
Type "A" (Undeveloped)		0.6	0.26	0.00
Total (Acres)		0.6	0.60	0.60
Excess Precipitation(in)		0.66	1.13	1.35
		1427.40	2451.56	2942.84
Volume (100), cf		1437.48	2401.00	
Volume (100), cf Volume (10),cf		963.11	1642.54	1971.70

* area of grading includes the site of .4849 acres and the access easement are

of .115 acres totalling 0.600 acres









COMMENTS				
DATE				
R NO.	1 > ·	- \sigma_1	102	ZV
16-056	4.20.2017	F PHILLIPS	M GARCIA	1" = 20'
PROJECT NO.	DATE:	DRAWN BY:	CHECKED BY:	SCALE: