## CITY OF ALBUQUER

Planning Department Alan Varela, Interim Director



Mayor Timothy M. Keller

February 26, 2025

Fred C. Arfman, P.E. Isaacson & Arfman, P.A. 128 Monroe St. N.E Albuquerque, NM 87108

## **Calle Cuarta Residential & Commercial** RE: 3525 4<sup>th</sup> St. NW **Grading and Drainage Plan** Engineer's Stamp Date: 01/30/2025 Hydrology File: G14D097

Dear Mr. Arfman:

Based upon the information provided in your submittal received 01/31/2025, the Grading & Drainage Plan is Approved for a Grading Permit and Building Permit. Please attach a copy of PO Box 1293 this approved plan in the construction sets for Building Permit processing together with a copy of this letter.

Albuquerque As a reminder, please prepare and provide a Drainage Covenant for the detention ponds per Chapter 17 of the DPM prior to Permanent Release of Occupancy. Please submit on the 4th floor of the Plaza de Sol building. A \$25 fee will be required.

NM 87103

www.cabq.gov

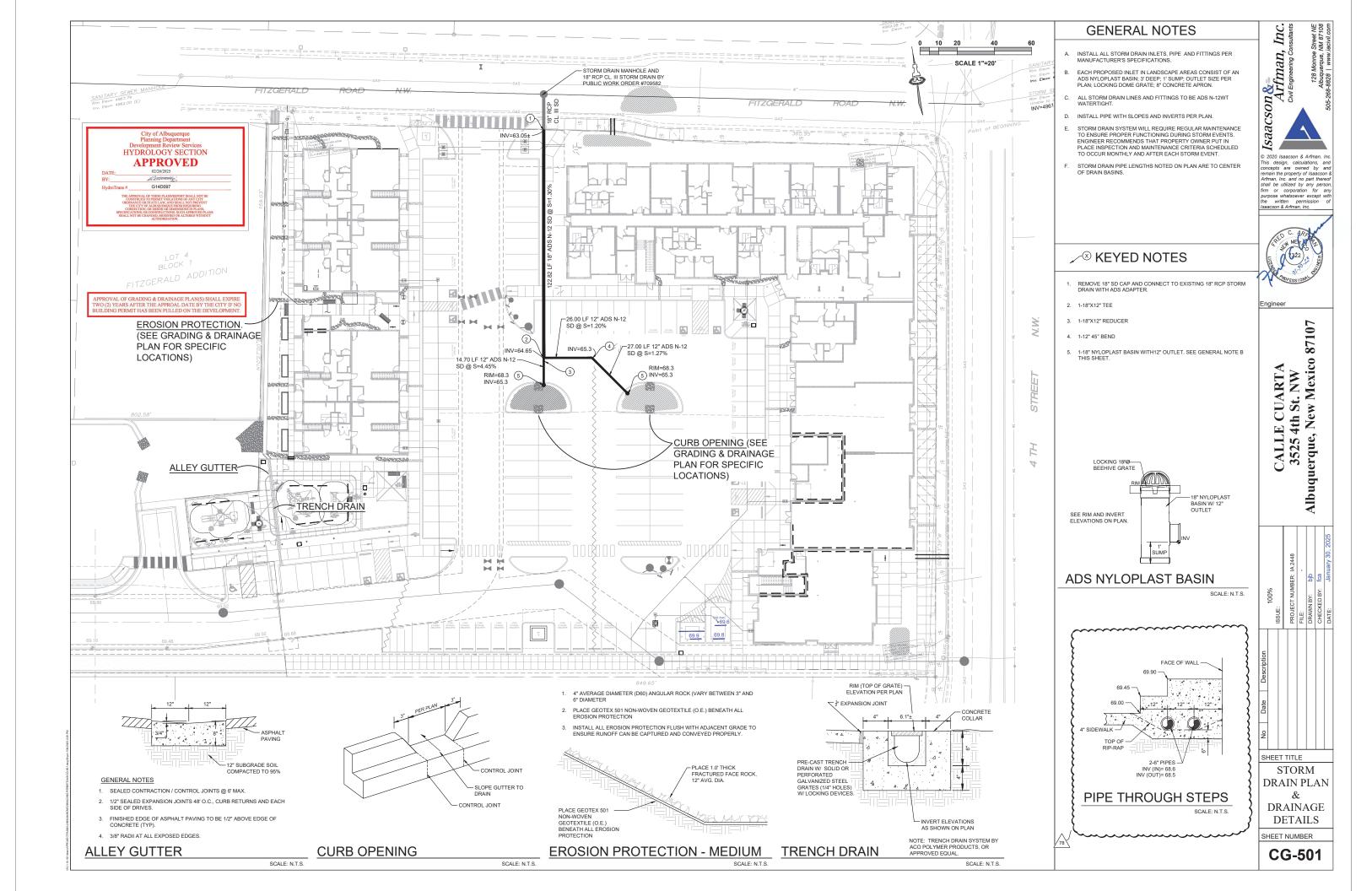
Also, if the project total area of disturbance (including the staging area and any work within the adjacent Rights-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 505-924-3420) 14 days prior to any earth disturbance.

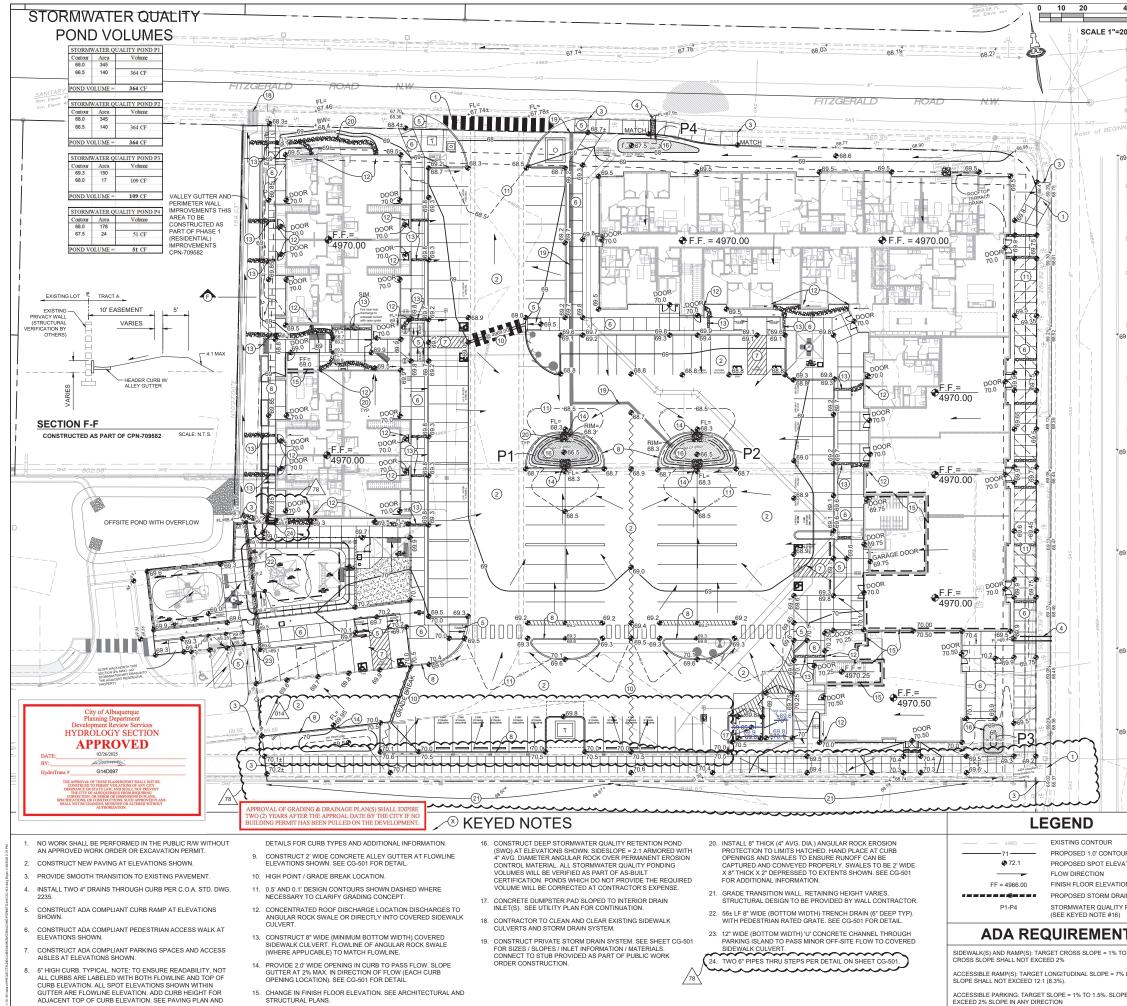
If you have any questions, please contact me at 505-924-3366 or richardmartinez@cabq.gov.

Sincerely,

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Richard Martinez, P.E. Senior Engineer, Hydrology **Planning Department** 





40 60	VICINITY MAP		IC.	tants		t NE	7108	com
*89-28		This conci rema Arfm shall firm purpo the	II Arthur	in, ca prope c. and tilized corpoi hatsoe en	alcula owne no j by ration ever perm	Arfma attions f Isaa part 1 any f fo exce ission	an, II. an,	nd n & eof ion, any
9 ML	PROJECT INFORMATION PROJECT INFORMATION PROPERTY: THE SITE IS A PREVIOUSLY DEVELOPED PROPERTY LOCATED WITHIN CO.A. VICINITY MAP G-14. THE SITE IS BOUND TO THE EAST BY 4TH ST. SW. TO THE WEST BY UNDEVELOPED RESIDENTIAL TO THE NORTH BY FITZGERAL DR. NW, AND TO THE SOUTH BY DEVELOPED RESIDENTIAL AND COMMERCIAL PROPERTIES.	X	Lingen and	C. N. C.	AA 222 5510	A B B B B	CONCER CHANNE	
69.23 ₩. ₩.	PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE A MIXED MULTH-FAMILY RESIDENTIAL/COMMERCIAL AREA WITH ASSOCIATED ASPHALT PAVED ACCESS, PARKING, AND LANDSCHING. LEGAL: TRACT A, CALLE CUARTA, ALBUQUERQUE, NEW MEXICO. <u>BENCHMARK</u> : VERTICAL DATUM IS BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT "23-G14", ELEVATION = 4969.296 FEET (NAVD 88).	Eng	inee	r		87107		
69.23	OFF-SITE: NO OFF-SITE DRAINAGE AFFECTS THIS PROPERTY OTHER THAN A PORTION OF THE FUTURE RESIDENTIAL PROPERTY TO THE WEST WHICH WILL DRAIN THROUGH A SURFACE SWALE TO FIT2GERALD ROAD WITHIN A DESIGNATED DRAINAGE EASEMENT PROVIDED FOR THAT PURPOSE. FLOOD HAZARD: THE SUBJECT PROPERTY APPEARS TO LIE WITHIN "ZONE X" (AREA WITH REDUCED FLOOD RISK DUE TO LEVEE) AS SHOWN ON NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 35001003326, EFFECTIVE DATE SEPTEMBER 26, 2008.		UARTA	Ct NW		w Mexico		
м 168-10 10	DRAINAGE PLAN CONCEPT: BASED ON A PREDESIGN MEETING WITH COA HYDROLOCY, (RENÉE BRISETTE - SENIOR ENGINEER) THE PROPERTY IS PERMITTED FREE DISCHARGE TO THE SURROLINDING STREETS, SURFACE DISCHARGE WILL BE PROVIDED WHERE POSSIBLE. A PRIVATE STORM DRAIN SYSTEM(S) WILL BE INSTALLED TO COLLECT ON-SITE RUNOFF AND ROUTE TO THE EXISTING PUBLIC STORM DRAIN IN PITZGERALD ROAD NW. ON-SITE VOLUME IS PROVIDED WITHIN THE PARKING LOT (MAX. 6° DEPTH) TO PERMIT TEMPORARY DETENTION UNTIL THE STORM PEAK SUBSIDES AND CAPACITY BECOMES AVAILABLE.		CALLE CUARTA 3525 4th St. NW Albuquerque, New Mexico 87107					
	SURVEYOR: RUSS P. HUGG, NMPS NO. 9750, SURV-TEK, INC.				;	ngr		
744	BASED ON HISTORICAL GOOGLE IMAGERY, THIS PROPERTY HAS BEEN PREVIOUSLY DEVELOPED AS A COMMERCIAL BUSINESS. FOR REDEVELOPMENT SITES, THE CABQ STORMWATER QUALITY VOLUME (SWQV) IS BASED ON 0.26" PER SQUARE FOOT OF IMPERVIOUS AREA.	-				V		, 2025
<sup>∞</sup> 69.08	THE ESTIMATED IMPERVIOUS AREA FOR THIS PROPERTY IS 90,636 SF. THE TOTAL REQUIRED S.Q. RETENTION VOLUME = 0.26** TYPE 'D' AREA: 0.26/12 *90636 SF) = 1,964 CF.			ER: IA 2448		bjb	fca	January 30,
<i>W</i> .	SWQV PONDS P1 @ 364 CF, P2 @ 364 CF, P3 @ 109 CF, AND P4 @ 51 CF, TOTALING 887 CF WILL BE CONSTRUCTED AS SHOWN TO A PORTION OF THE STORMWATER QUALITY VOLUME. A WAIVER ROLUEST IS PROVIDED FOR THE 1,077 CF THAT CANNOT BE CAPTURED.	100%	ISSUE:	PROJECT NUMBER:	FILE:	DRAWN BY:	CHECKED BY:	DATE:
69.09	S.O.19 : NOTICE TO CONTRACTORS							
ж 	PRIVATE DRAINAGE FACILITES WITHIN CITY RIGHT-OF-WAY	Description						
	<ol> <li>Build sidewalk culvert per COA STD DWG 2236.</li> <li>Contact Storm Drain Maintenance at (505) 857-8033 to schedule a meeting prior to forming.</li> <li>An excavation permit will be required before beginning any work within City Right-Of-Way.</li> </ol>	Date Des						
DUR	<ol> <li>All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.</li> </ol>	No						
VATION	<ol> <li>Two working days prior to any excavation, the contractor must contact New Mexico One Call, dial "811" [or (505) 260-1990] for the location of existing utilities.</li> </ol>	SH	EET	 TITI	.E			_
RAIN / INLET Y POND )	<ol> <li>Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.</li> </ol>	GRADING & DRAINAGE						
NTS	<ol> <li>Backfill compaction shall be according to traffic/street use.</li> <li>Maintenance of the facility shall be the responsibility of the owner of the property being served.</li> </ol>			PL			Ľ	
	9. Work on arterial streets may be required on a 24-hour basis.	SH	EET	NUM	ЛВF	R		$\neg$
7% LONGITUDINAL	10. Contractor must contact Storm Drain Maintenance at (505) 857-8033 to schedule a construction inspection. For excavating and		C				1	