CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

October 24, 2022

Ron Hensley, P.E. THE Group 300 Branding Iron Rd. SE Rio Rancho, NM 87124

RE: Church of Christ - Camino de la Sierra Grading and Drainage Plan Engineer's Stamp Date: 12/21/21 Hydrology File: L23D024A

Dear Mr. Hensley:

Based upon the information provided in your submittal received 09/29/2022, the Grading & Drainage Plans are approved for Building Permit and Grading Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293 PRIOR TO CERTIFICATE OF OCCUPANCY: 1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Albuquerque Non-Subdivision is required. 2. Please provide the Drainage Covenant with Exhibit A for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the NM 87103 original copies along with the \$ 25.00 recording fee check made payable to Bernalillo County to Carrie Compton (cacompton@cabq.gov) on the 4th floor of Plaza de Sol. As a reminder, if the project total area of disturbance (including the staging area and any work www.cabq.gov within the adjacent Right-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, 924-3420) 14 days prior to any earth disturbance.

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

Sincerely,

Renée C. Brissette

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



City of Albuquerque

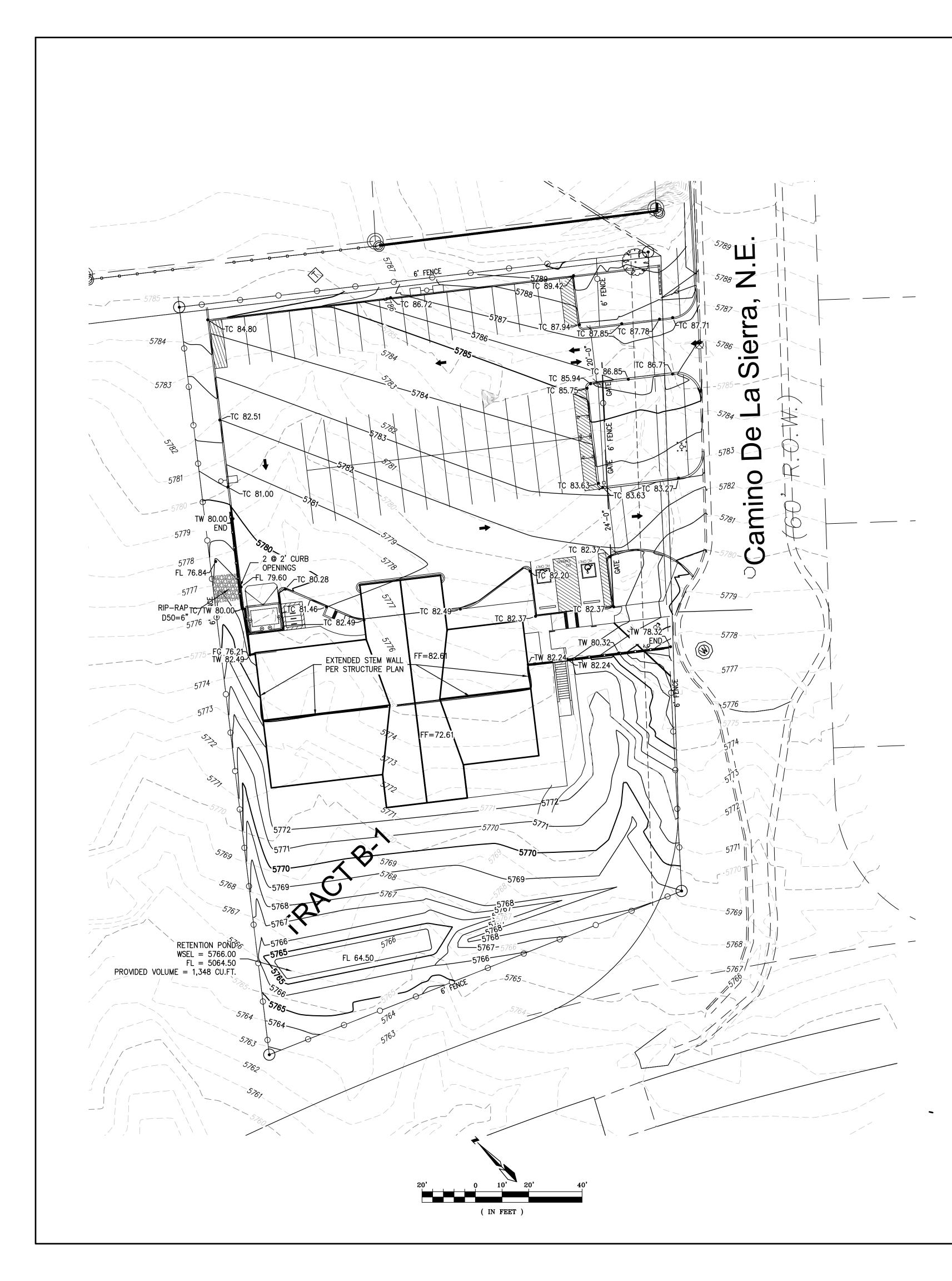
Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

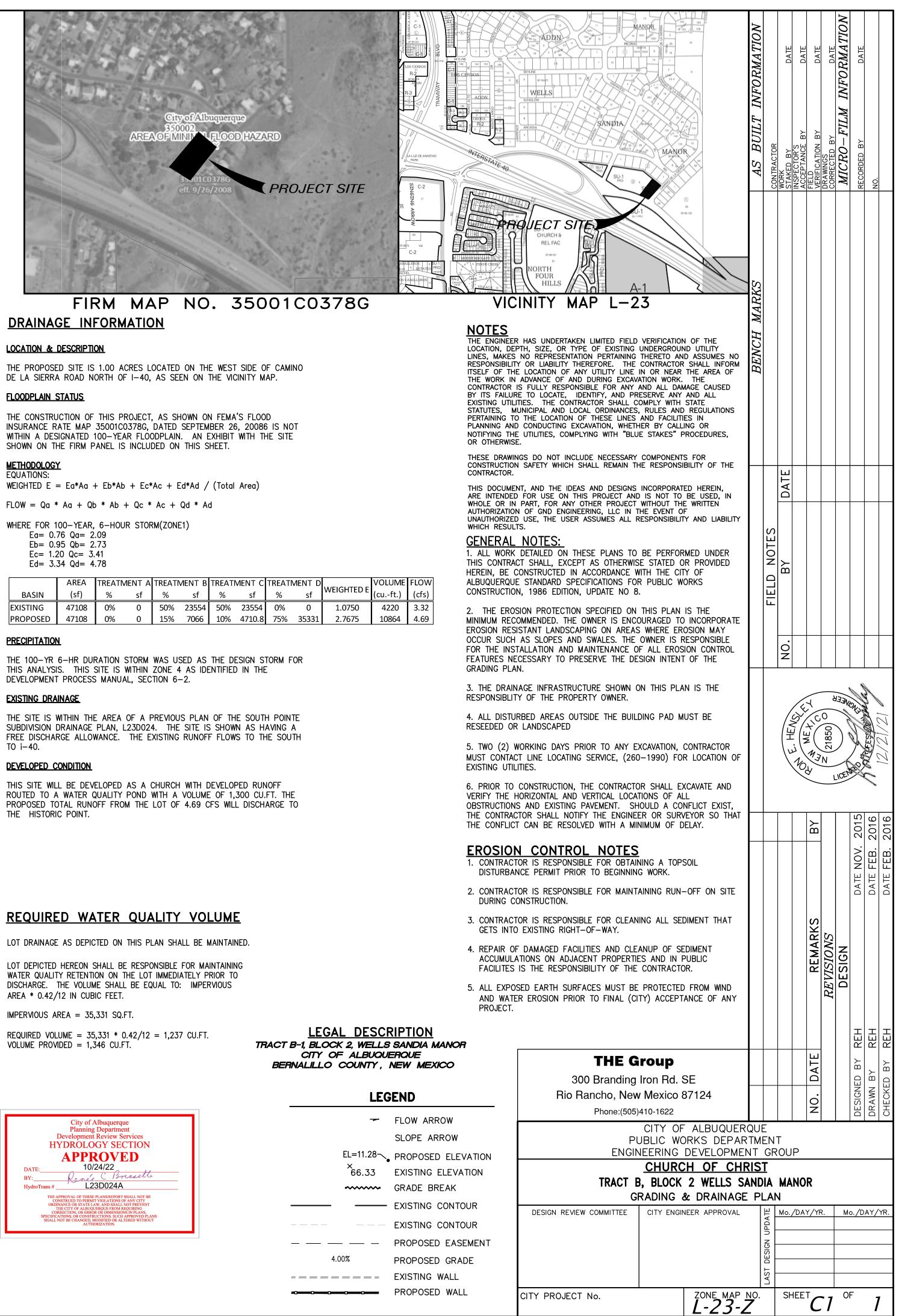
Project Title: CHURCH OF CHRIST	Building Permit #: BP-	-2021-37742 Hydrology File #: L23D024A
DRB#:	_EPC#:	Work Order#:
Legal Description: LOT B BLOCK 2, WELLS SA		
City Address: CAMINO DE LA SIERRA NE		
Applicant: THE Group		Contact: Ron Hensley
Address: 300 Branding Iron Rd. SE, Rio Rancho, N		
Phone#: 505-410-1622	_Fax#:	E-mail: ron@thegroup.cc
Owner: VERMONT HILLS PROPERTIES LLC		Contact: AJ Yarbrough
Address: 4601 CUMBERLAND DR NW ALBUQUER	RQUE NM 87120	
Phone#: 505-328-0044	_Fax#:	E-mail: _ajyrealty@gmail.com
IS THIS A RESUBMITTAL?: Y DEPARTMENT: TRAFFIC/ TRANSPOR Check all that Apply: TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN CONCEPTUAL	APPLIC	E 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
OTHER (SPECIFY) PRE-DESIGN MEETING?		WORK ORDER APPROVAL CLOMR/LOMR FLOODPLAIN DEVELOPMENT PERMIT OTHER (SPECIFY)

DATE SUBMITTED: 9/27/22

By: <u>THE G</u>roup / Ron Hensley

ELECTRONIC SUBMITTAL RECEIVED:





LOCATION & DESCRIPTION

THE PROPOSED SITE IS 1.00 ACRES LOCATED ON THE WEST SIDE OF CAMINO DE LA SIERRA ROAD NORTH OF I-40, AS SEEN ON THE VICINITY MAP.

THE CONSTRUCTION OF THIS PROJECT, AS SHOWN ON FEMA'S FLOOD INSURANCE RATE MAP 35001C0378G, DATED SEPTEMBER 26, 20086 IS NOT WITHIN A DESIGNATED 100-YEAR FLOODPLAIN. AN EXHIBIT WITH THE SITE

METHODOLOGY

FLOW = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

WHERE FOR 100-YEAR, 6-HOUR STORM(ZONE1)

	0.00	QD-	2.7
Ec=	1.20	Qc=	3.41
Ed-	2 21	∩ 4−	1 79

	AREA	TREAT	ЛENT А	TREAT	MENT B	TREATI	MENT C	TREAT	MEN
BASIN	(sf)	%	sf	%	sf	%	sf	%	S
EXISTING	47108	0%	0	50%	23554	50%	23554	0%	C
PROPOSED	47108	0%	0	15%	7066	10%	4710.8	75%	353

PRECIPITATION

THE 100-YR 6-HR DURATION STORM WAS USED AS THE DESIGN STORM FOR THIS ANALYSIS. THIS SITE IS WITHIN ZONE 4 AS IDENTIFIED IN THE DEVELOPMENT PROCESS MANUAL, SECTION 6-2.

EXISTING DRAINAGE

THE SITE IS WITHIN THE AREA OF A PREVIOUS PLAN OF THE SOUTH POINTE SUBDIVISION DRAINAGE PLAN, L23D024. THE SITE IS SHOWN AS HAVING A FREE DISCHARGE ALLOWANCE. THE EXISTING RUNOFF FLOWS TO THE SOUTH TO i-40.

DEVELOPED CONDITION

ROUTED TO A WATER QUALITY POND WITH A VOLUME OF 1,300 CU.FT. THE PROPOSED TOTAL RUNOFF FROM THE LOT OF 4.69 CFS WILL DISCHARGE TO THE HISTORIC POINT.

REQUIRED WATER QUALITY VOLUME

LOT DRAINAGE AS DEPICTED ON THIS PLAN SHALL BE MAINTAINED.

LOT DEPICTED HEREON SHALL BE RESPONSIBLE FOR MAINTAINING WATER QUALITY RETENTION ON THE LOT IMMEDIATELY PRIOR TO DISCHARGE. THE VOLUME SHALL BE EQUAL TO: IMPERVIOUS AREA * 0.42/12 IN CUBIC FEET.

IMPERVIOUS AREA = 35,331 SQ.FT.

REQUIRED VOLUME = $35,331 \times 0.42/12 = 1,237$ CU.FT. VOLUME PROVIDED = 1,346 CU.FT.

