

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

November 26, 2025

Ian Anderson
Isaacson & Arfman, Inc.
128 Monroe St. NE
Albuquerque, NM 87108

**RE: Farolito Senior Community
10501 Central Ave NE
Permanent Certificate of Occupancy – ACCEPTED
Engineer’s Certification Date: 11/19/25
Engineer’s Stamp Date: 09/15/2023
Hydrology File: L21D074
Case # HYDR-2025-00414**

Dear Mr. Anderson:

PO Box 1293

Based on the Engineer’s Grading and Drainage Certification received 11/25/2025 and site visit on 11/25/2025, this letter serves as an approval from the Hydrology Section of the Engineer’s Certification for a Permanent Certificate of Occupancy for the Farolito Senior Community located at 10501 Central Ave NE to be issued by the Building and Safety Division.

Albuquerque

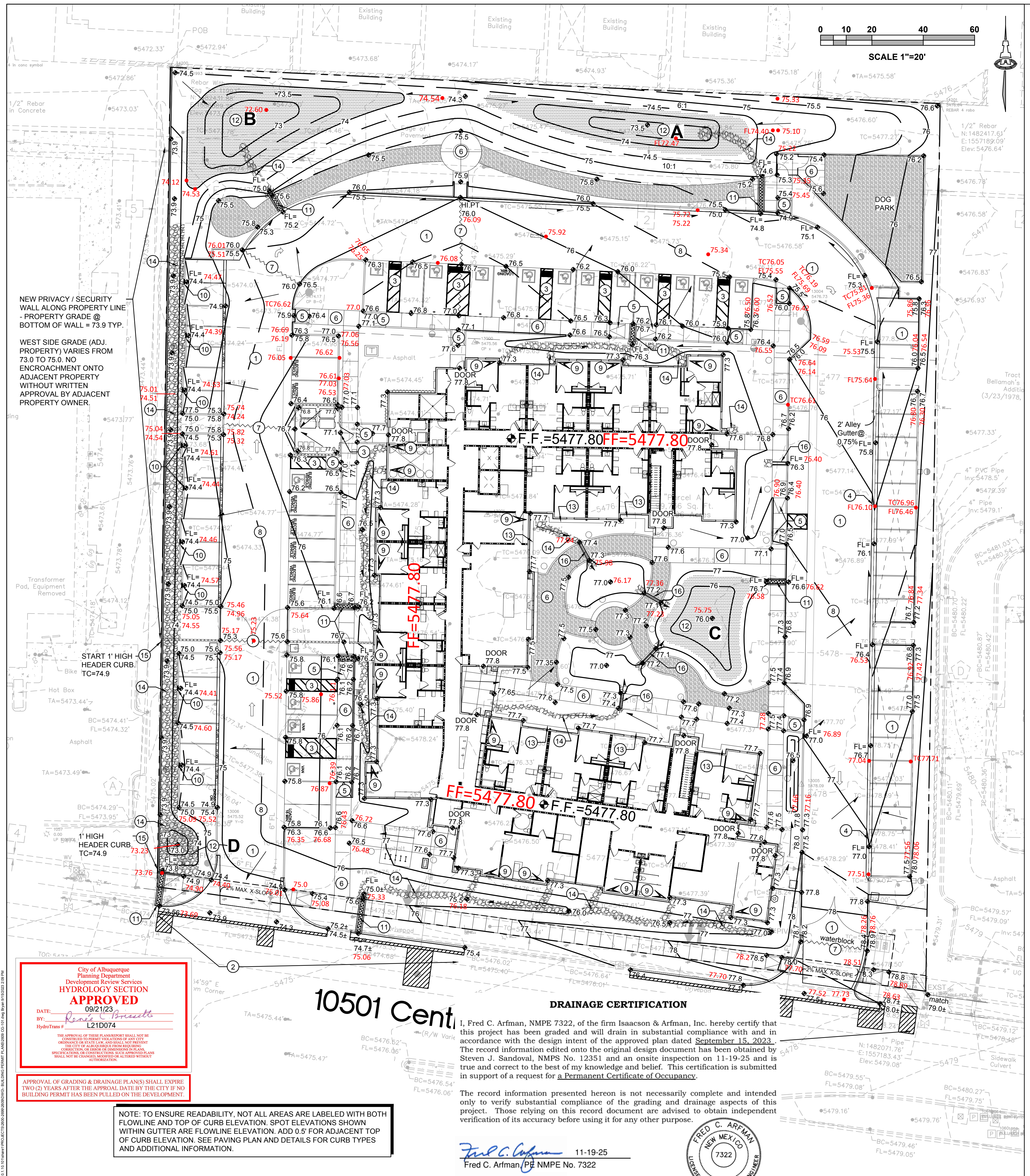
If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Anthony Montoya, Jr., P.E., C.F.M.
Senior Engineer, Hydrology
Planning Department, Development Review Services



City of Albuquerque
 Planning Department
 Development Review Services
HYDROLOGY SECTION
APPROVED
 DATE: 09/21/23
 BY: *Renee C. Brantley*
 HydroTeam # L21D074

APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

NOTE: TO ENSURE READABILITY, NOT ALL AREAS ARE LABELED WITH BOTH FLOWLINE AND TOP OF CURB ELEVATION. SPOT ELEVATIONS SHOWN WITHIN GUTTER ARE FLOWLINE ELEVATION. ADD 0.5' FOR ADJACENT TOP OF CURB ELEVATION. SEE PAVING PLAN AND DETAILS FOR CURB TYPES AND ADDITIONAL INFORMATION.

10501 Cent. DRAINAGE CERTIFICATION

I, Fred C. Arfman, NMPE 7322, of the firm Isaacson & Arfman, Inc. hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated September 15, 2023. The record information edited onto the original design document has been obtained by Steven J. Sandoval, NMPS No. 12351 and an onsite inspection on 11-19-25 and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for a Permanent Certificate of Occupancy.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

Fred C. Arfman 11-19-25
 Fred C. Arfman, PE NMPE No. 7322



STORMWATER QUALITY

REDEVELOPMENT: THIS SITE WAS PREVIOUSLY FULLY DEVELOPED. REDEVELOPMENT IS SUBJECT TO A REDUCED STORMWATER QUALITY VOLUME REQUIREMENT OF 0.28"/SF OF IMPERVIOUS AREA.
 THE IMPERVIOUS AREA FOR THIS PROPERTY IS CALCULATED AS 66% OF TOTAL AREA (0.66 * 99,735 SF) = 65,826 SF. THE REQUIRED STORMWATER QUALITY RETENTION VOLUME = 0.28"/12" TYPE 'D' AREA = 1,427 CF.
 NOTE THAT ALTHOUGH A PORTION OF THE PARKING STALLS AROUND THE PERIMETER WILL BE CONSTRUCTED WITH BASE COURSE (PERVIOUS PAVEMENT), THE STORMWATER QUALITY VOLUME IS BASED ON IMPERVIOUS PAVEMENT FOR ALL PARKING & DRIVE AISLES.

POND A			POND C		
Contour	Area	Volume	Contour	Area	Volume
4974.3	1340	1107 CF	4976.7	964	596 CF
4973.5	250	636 CF	4976.0	470	502 CF
POND B			POND D		
Contour	Area	Volume	Contour	Area	Volume
4974.0	1849	540 CF	4973.8	188	81 CF
4973.0	400	1125 CF	4973.0	65	101 CF
TOTAL		2384	2324		

ADA COMPLIANCE

SIDEWALK(S) AND RAMP(S): TARGET CROSS SLOPE = 1% TO 1.5%. CROSS SLOPE SHALL NOT EXCEED 2%
 ACCESSIBLE RAMP(S): TARGET LONGITUDINAL SLOPE = 7% LONGITUDINAL SLOPE SHALL NOT EXCEED 12.1% (8.3%)
 ACCESSIBLE PARKING: TARGET SLOPE = 1% TO 1.5%. SLOPE SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION

KEYED NOTES

- NEW PAVING AT ELEVATIONS SHOWN. SEE PAVING PLAN FOR MATERIAL, EXTENTS, JOINTS AND PAVING SECTIONS.
- SEE PUBLIC WORK ORDER DRAWINGS AND/OR BUILDING PERMIT PLANS FOR CONSTRUCTION WITHIN ROW INCLUDING NEW ACCESS DRIVES, ADA COMPLIANT RAMPS, PUBLIC SIDEWALKS, ETC. NO WORK SHALL BE PERFORMED IN THE PUBLIC ROW WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT.
- ADA COMPLIANT PARKING SPACES AND ACCESS AISLES AT ELEVATIONS SHOWN.
- ALLEY GUTTER. SEE PAVING DETAILS.
- ADA COMPLIANT 1:12 MAX. SLOPE ADA COMPLIANT ACCESS RAMP.
- ADA COMPLIANT PEDESTRIAN WALK AT ELEVATIONS SHOWN.
- HIGH POINT / GRADE BREAK LOCATION.
- 0.5' DESIGN CONTOURS ARE SHOWN DASHED WHERE NECESSARY TO CLARIFY GRADING CONCEPT.
- ROOF DISCHARGE LOCATION - INSTALL SPLASHPAD (3' DIA. X 8" DEEP ANGULAR ROCK OR PRECAST UNIT) AND 2'-3" WIDE (MEANDERING) ANGULAR ROCK SWALE TO LIMITS SHOWN.
- 18" WIDE (BOTTOM WIDTH) OPENING IN CURB TO PASS FLOW. SEE PAVING DETAILS. SLOPE GUTTER AT 2% MAX. IN DIRECTION OF FLOW (EACH CURB OPENING LOCATION).
- 18" WIDE COVERED CONCRETE SIDEWALK CURB PER COA STD. DWG. 2236. SEE PAVING DETAIL FOR ADDITIONAL INFORMATION. S.O.19 PERMIT REQUIRED FOR CONSTRUCTION IN THE R.O.W. - SEE NOTES THIS SHEET.
- STORMWATER QUALITY RETENTION POND AT ELEVATIONS SHOWN. STORMWATER QUALITY PONDING VOLUMES MAY BE VERIFIED AS PART OF AS-BUILT CERTIFICATION. PONDS WHICH DO NOT PROVIDE THE REQUIRED VOLUME WILL BE CORRECTED AT CONTRACTOR'S EXPENSE.
- CONSTRUCT 18" WIDE X 4" THICK CONCRETE APRON ADJACENT TO BUILDING THIS AREA TO EXTENTS SHOWN. TOP OF CONCRETE AT BUILDING = 0.1' BELOW FINISH FLOOR ELEVATION. SLOPE APRON AWAY FROM BUILDING AT 2% SLOPE.
- INSTALL ANGULAR ROCK EROSION PROTECTION TO LIMITS HATCHED. EROSION PROTECTION MUST BE PLACED TO ALLOW STORMWATER TO PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND SWALES TO ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY. ALL EROSION PROTECTION TO BE 4" AVG. DIA. (2" TO 6") @ 8" DEEP OVER NON-WOVEN GEOTEXTILE (US135NW O.A.E.).
- CONSTRUCT MODIFIED HEADER CURB TO ACHIEVE GRADE DIFFERENCE SHOWN. SEE PAVING DETAIL.
- CONCRETE ALLEY GUTTER CROSSING WITH TWO 3" PIPES.

CALCULATIONS

Faralito Senior Community : July 21, 2023
 Based on Drainage Design Criteria for City of Albuquerque
 Article 6-2 Hydrology dated June 26, 2020

100-YEAR, 6-HOUR STORM

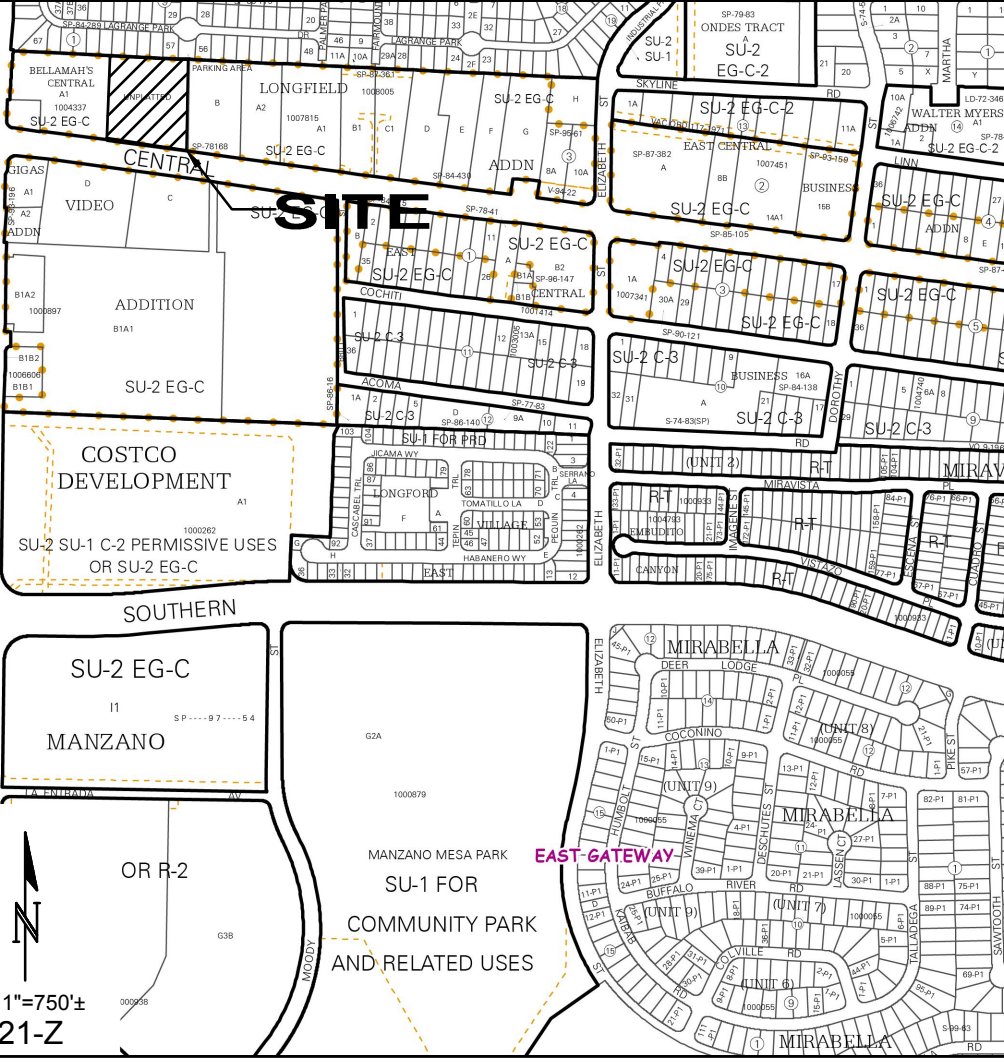
AREA OF SITE:	99736	SF	=	2.29	ACRE
DEVELOPED FLOWS:					
Area A	=	0	0%	EA	= 0.67
Area B	=	16955	17%	EA	= 0.67
Area C	=	16955	17%	EA	= 0.86
Area D	=	65826	66%	EA	= 1.09
Total	=	99736	100%	EA	= 2.58

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)
 Weighted E = $\frac{EA \cdot A + EA_B \cdot A_B + EA_C \cdot A_C + EA_D \cdot A_D}{A + A_B + A_C + A_D}$
 $\frac{0 \cdot 0 + 16955 \cdot 17 + 16955 \cdot 17 + 65826 \cdot 66}{99736} = 2.03$ in.

On-Site Volume of Runoff: $V_{360} = \frac{E^* A}{12}$
 $\frac{2.03 \cdot 99736}{12} = 16908$ CF

On-Site Peak Discharge Rate: $Q_p = Q_{pA} \cdot A + Q_{pB} \cdot A_B + Q_{pC} \cdot A_C + Q_{pD} \cdot A_D / 43.56$
 For Precipitation Z_o 3
 $Q_{pA} = 1.84$ $Q_{pC} = 3.17$
 $Q_{pB} = 2.49$ $Q_{pD} = 4.49$
 $Dev. Q_p = 9.0$ CFS

C.O.A VICINITY MAP L-21



PROJECT INFORMATION

PROPERTY: THE PROPERTY IS A PREVIOUSLY DEVELOPED COMMERCIAL PROPERTY BOUNDED ON THE NORTH BY SINGLE FAMILY RESIDENTIAL, TO THE EAST AND WEST BY DEVELOPED COMMERCIAL PROPERTY, AND TO THE SOUTH BY CENTRAL AVENUE.
 PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE CONSTRUCTION OF MULTI-FAMILY HOUSING WITH ASSOCIATED ASPHALT PAVED ACCESS, PARKING, AND LANDSCAPING.
 LOT SIZE: 2.29 ACRES ±
 LEGAL: PARCEL A AS SHOWN ON THE BOUNDARY SURVEY OF TRACT C, VIDEO ADDITION AND PARCELS OF LAND OWNED BY THE STATE OF NEW MEXICO
 BENCHMARK: VERTICAL DATUM SHOWN HEREON WAS BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT "S-K20" HAVING AN ELEVATION OF 5429.995.
 FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP #35001C03569G DATED 9/26/2008, THE SITE IS LOCATED WITHIN ZONE "X", DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.
 SURVEYOR: BRIAN J. MARTINEZ, CSI-CARTESIAN SURVEYS INC. P.O. BOX 44414 RIO RANCHO, NEW MEXICO 87174
 DRAINAGE PLAN CONCEPT: ONSITE FLOW ON THE EAST AND NORTH SIDES OF THE PROPOSED BUILDING WILL BE ROUTED NORTH TO WATER HARVESTING (STORMWATER QUALITY) PONDS ON THE NORTH END OF THE PROPERTY. THIS AREA WILL BE UTILIZED AS A NATURAL AREA FOR PLANTS, ANIMALS, AND INSECTS.
 ONSITE FLOW ON THE WEST SIDE OF THE PROPOSED BUILDING WILL BE DIRECTED TO A SHALLOW STORMWATER QUALITY POND AT THE SOUTHWEST CORNER OF THE PROPERTY.
 ONCE THE STORMWATER QUALITY PONDS FIL, EXCESS STORMWATER WILL BE RELEASED TO CENTRAL AVE. VIA TWO PROPOSED COVERED SIDEWALK CURBULTERS.
 TOTAL DISCHARGE FROM THE SITE WILL BE LESS THAN HISTORIC DUE TO A REDUCTION OF IMPERVIOUS AREA AS WELL AS THE ADDITION OF STORMWATER QUALITY PONDS.

LEGEND

— 5478.21 —	EXISTING CONTOUR
— 77 —	EXISTING SPOT ELEVATION
— 77.5 —	PROPOSED 1.0' CONTOUR
— 77.5 —	PROPOSED 0.5' CONTOUR
◆ 77.0	PROPOSED SPOT ELEVATION
→	FLOW DIRECTION
FF = 5477.80	FINISH FLOOR ELEVATION
X	STORMWATER QUALITY POND ID

S.O.19 : NOTICE TO CONTRACTORS

- PRIVATE DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY
- Build sidewalk culvert per COA STD DWG 2236.
 - Contact Storm Drain Maintenance at (505) 857-8033 to schedule a meeting prior to forming.
 - An excavation permit will be required before beginning any work within City Right-Of-Way.
 - 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.
 - 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.
 - 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.
 - Backfill compaction shall be according to traffic/street use.
 - Maintenance of the facility shall be the responsibility of the owner of the property being served.
 - Work on arterial streets may be required on a 24-hour basis.
 - Contractor must contact Storm Drain Maintenance at (505) 857-8033 to schedule a construction inspection. For excavating and barricading inspections, contact Construction Coordination at (505) 924-3416.

Isaacson & Arfman, Inc.
 Civil Engineering Consultants
 128 Monroe Street NE
 Albuquerque, NM 87108
 505-266-8828 | www.iaacvil.com

FAROLITO SENIOR COMMUNITY
10501 CENTRAL AVE. NE

DESIGN DEVELOPMENT
 ISSUE: 07/2023
 PROJECT NUMBER: IA-2009
 FILE: 7322
 DRAWN BY: [Redacted]
 CHECKED BY: [Redacted]
 DATE: 07/2023

GRADING & DRAINAGE PLAN

SHEET NUMBER
CG101