

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

March 6, 2026

Fred Arfman, PE
Isaacson and Arfman
128 Monroe St NE
Albuquerque, NM 87108

**RE: Calle Cuarta
3510 7th St NW
ROFG - APPROVED
Engineer's Certification Date: 12/15/2025
Engineer's Stamp Date: 04/08/2022
Hydrology File: J08D005
Case # HYDR-2025-00218**

PO Box 1293

Dear Mr. Arfman:

Albuquerque

Based on the Certification received 03/04/2026 and site visit on 02/11/2026, this certification is approved in support of ROFG/SIA by Hydrology.

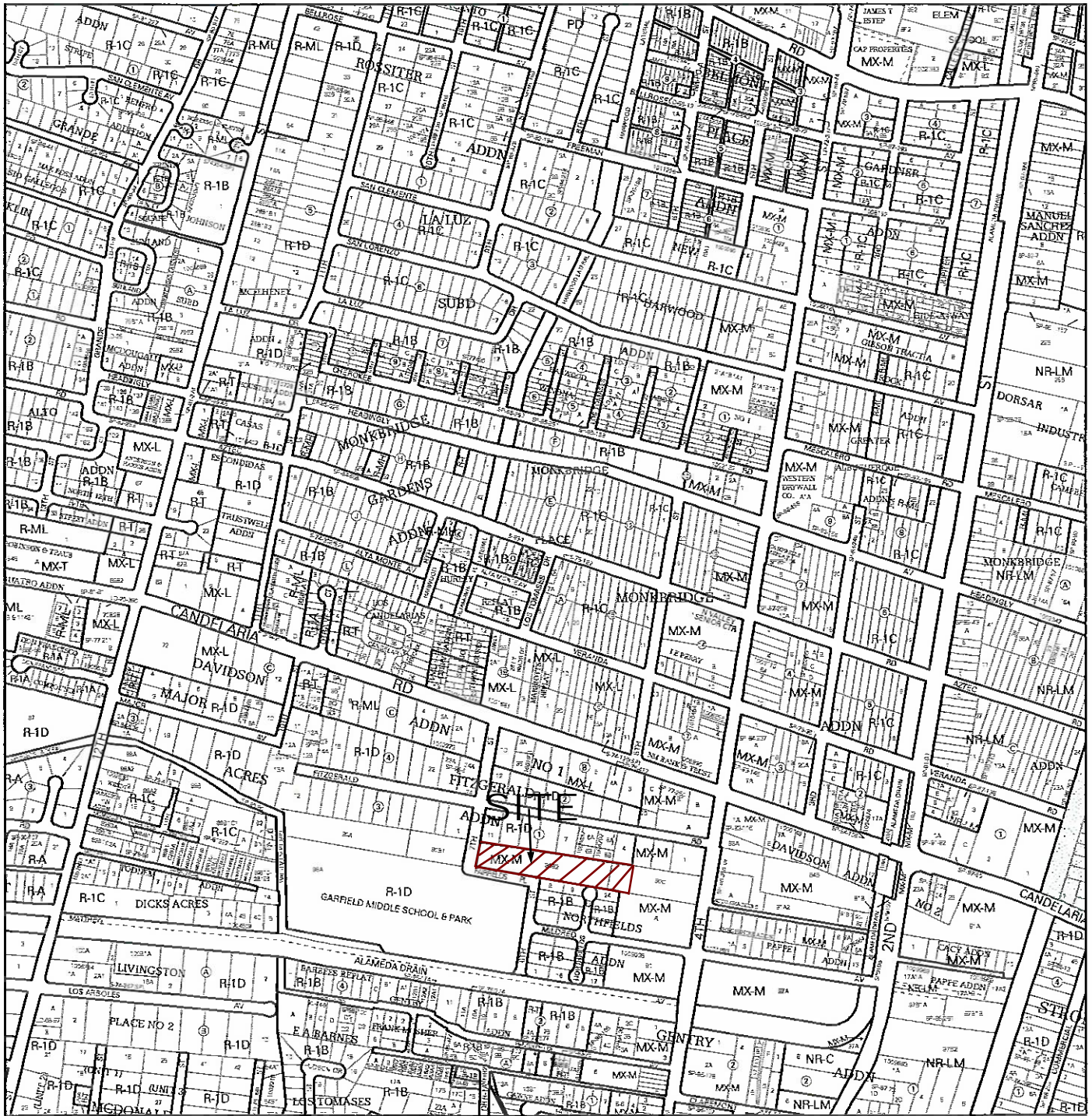
NM 87103

If you have any questions, please contact me at 505-924-3995 or baileythompson@cabq.gov.

www.cabq.gov

Sincerely,

Bailey Thompson, E.I.
Associate Engineer, Hydrology
Planning Department, Development Review Services



For more details about the Integrated Development Ordinance visit: <http://www.cabq.gov/planning/codes-policies-regulations/integrated-development-ordinance>

IDO Zone Atlas May 2018

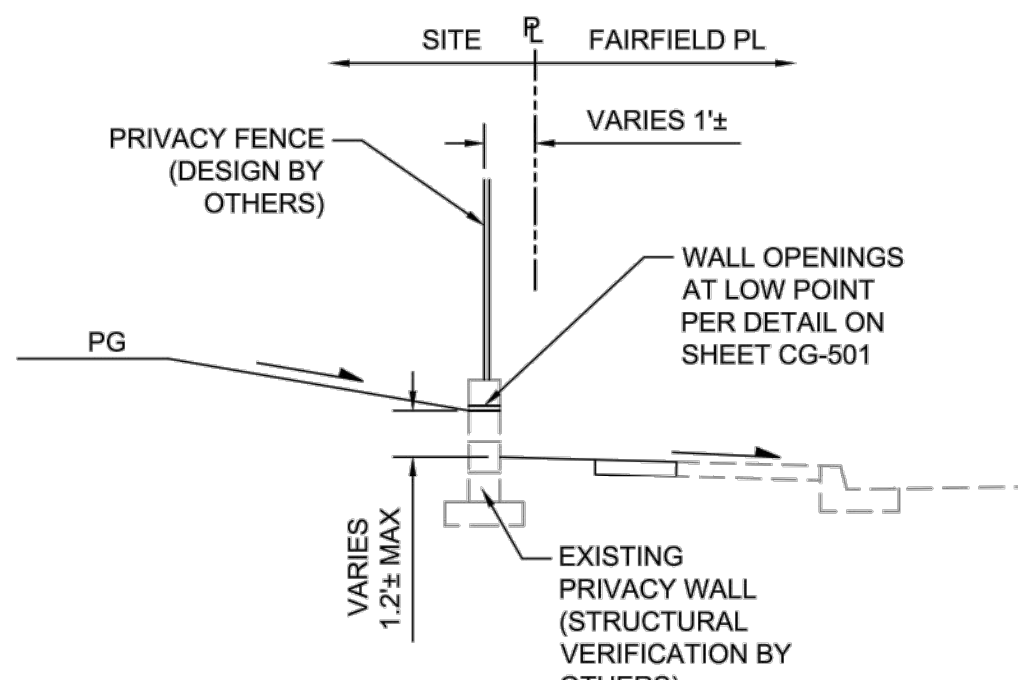
IDO Zoning information as of May 17, 2018
The Zone Districts and Overlay Zones
are established by the
Integrated Development Ordinance (IDO).

Gray Shading
Represents Area Outside
of the City Limits

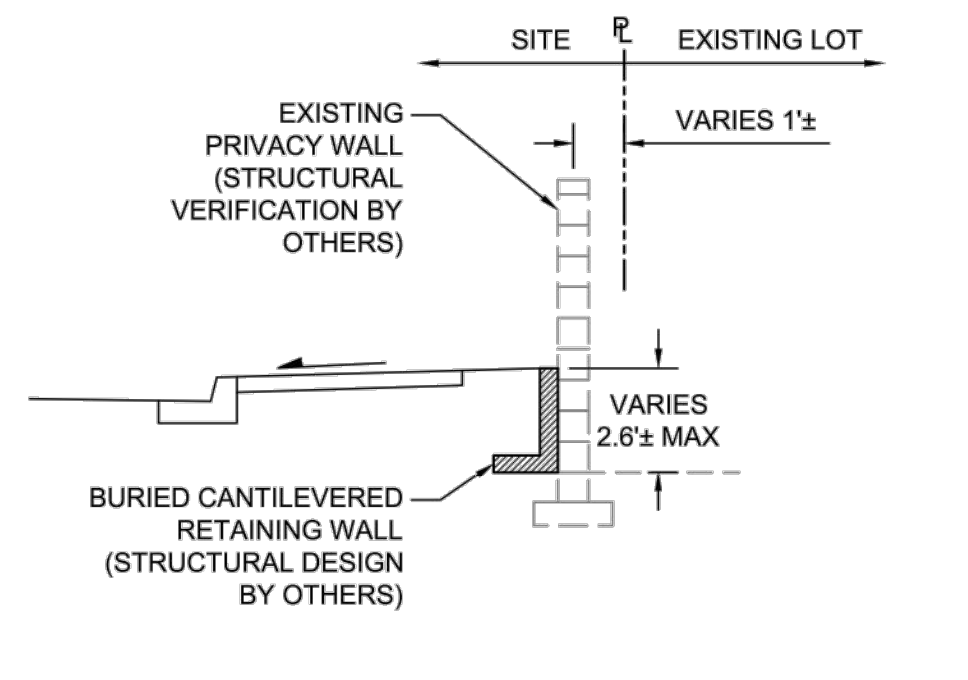
Zone Atlas Page:
G-14-Z

- Easement
- Escarpment
- Petroglyph National Monument
- Areas Outside of City Limits
- Airport Protection Overlay (APO) Zone
- Character Protection Overlay (CPO) Zone
- Historic Protection Overlay (HPO) Zone
- View Protection Overlay (VPO) Zone

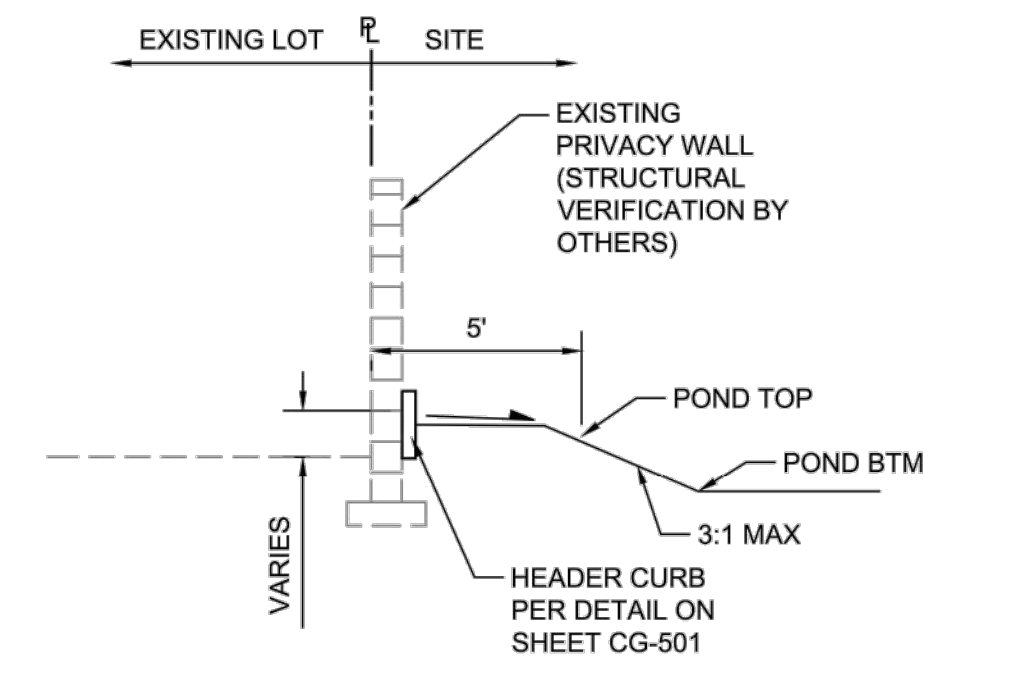
0 250 500 1,000
Feet



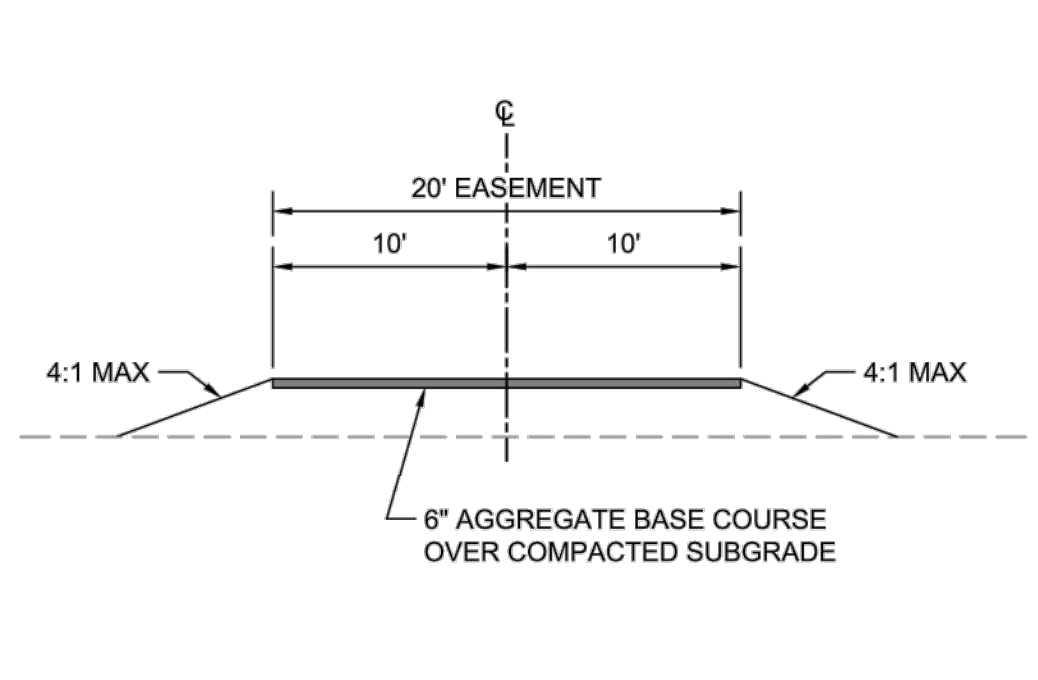
SECTION A-A
SCALE: N.T.S.



SECTION C-C
SCALE: N.T.S.



SECTION E-E
SCALE: N.T.S.

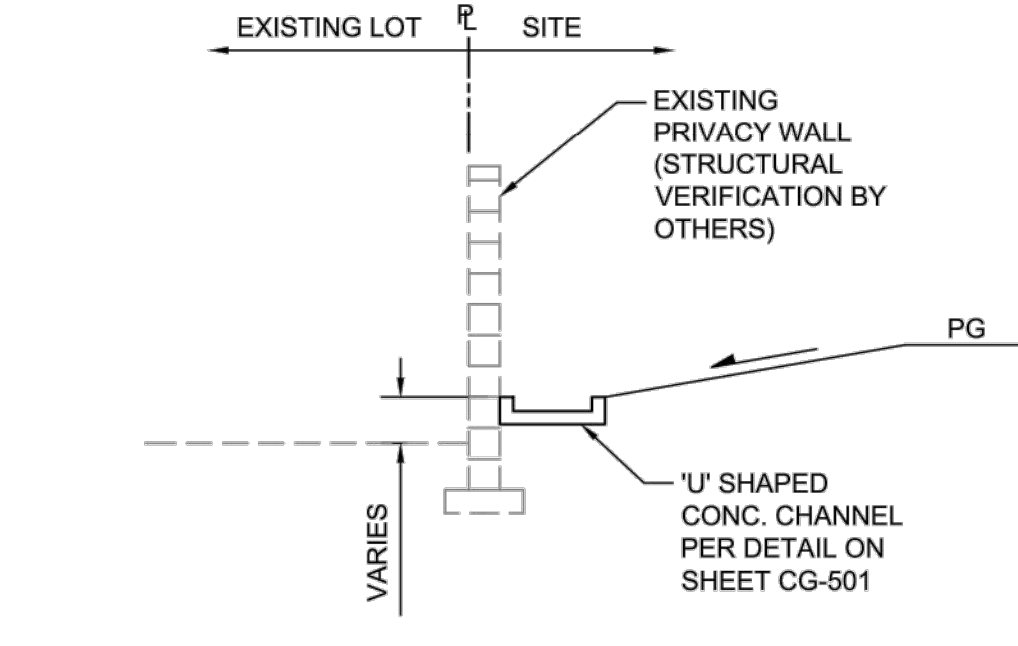


SECTION G-G
SCALE: N.T.S.

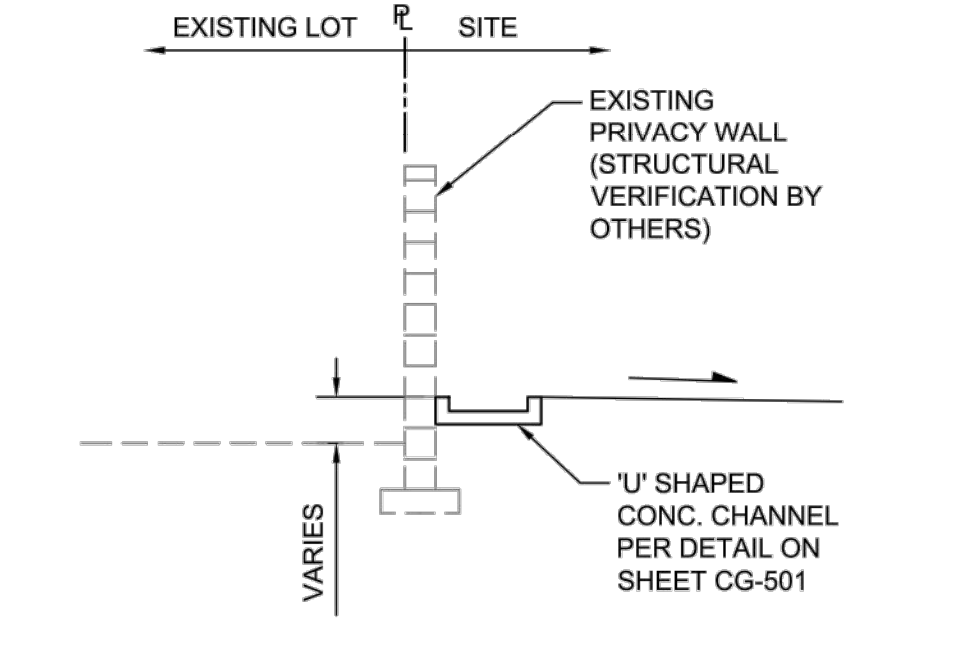
LEGEND

	EXISTING CONTOUR
	PROPOSED 1.0' CONTOUR
	PROPOSED 0.5' CONTOUR
	PROPOSED SPOT ELEVATION
	FLOW DIRECTION
	PAD GRADE ELEVATION
	EROSION PROTECTION
	SIDEWALK CULVERT
	GRADING LIMITS
	HIGH POINT

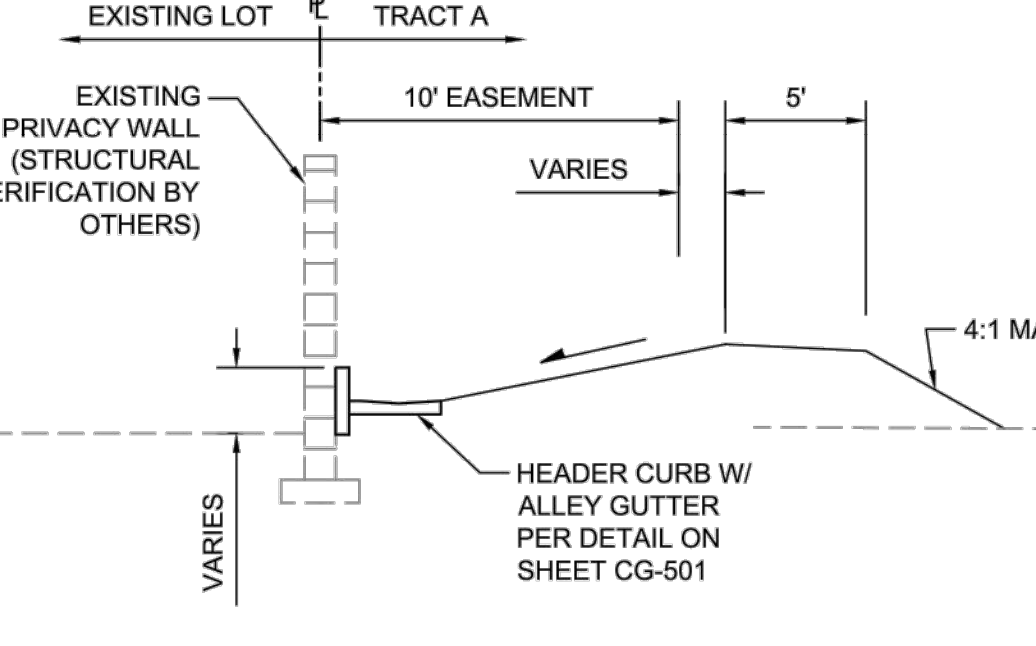
- KEYED NOTES**
- 2' WIDE U-SHAPED CHANNEL PER DETAIL ON SHEET CG-501.
 - RUNDOWN PER DETAIL ON SHEET CG-501.
 - 2' WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
 - POND WEIR PER DETAIL ON SHEET CG-501.
 - WALL OPENING(S) PER DETAIL ON SHEET CG-501.
 - WALL OPENING AT U-SHAPED CHANNEL PER DETAIL ON SHEET CG-501.
 - 5'x5'x1' THICK FRACTURED FACE ROCK, 6" MEAN DIA. OVER NON-WOVEN GEOTEX FABRIC.



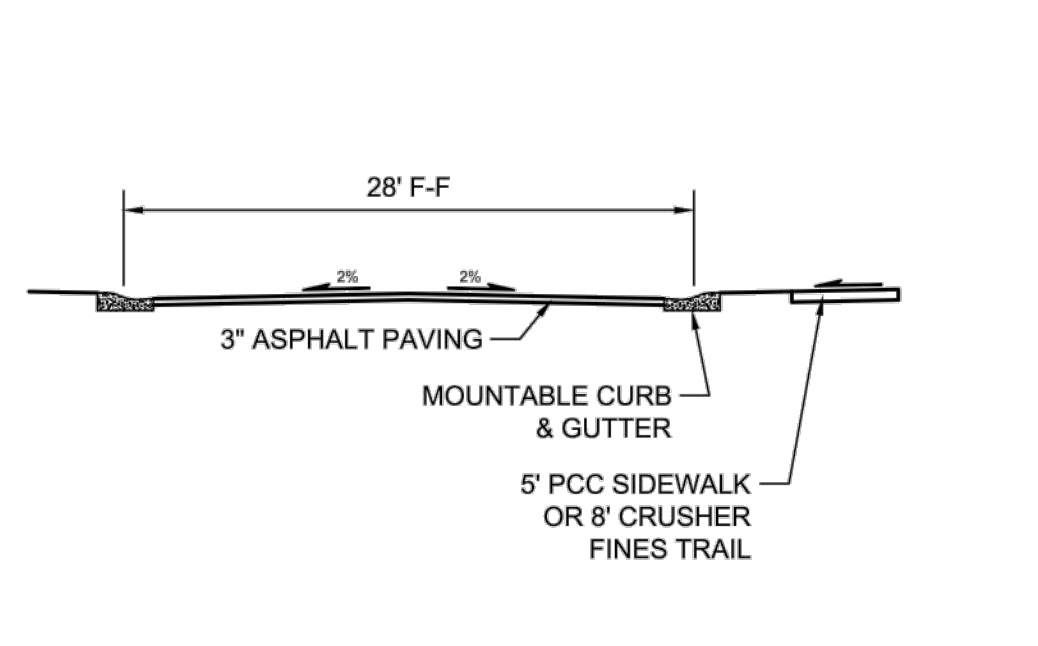
SECTION B-B
SCALE: N.T.S.



SECTION D-D
SCALE: N.T.S.

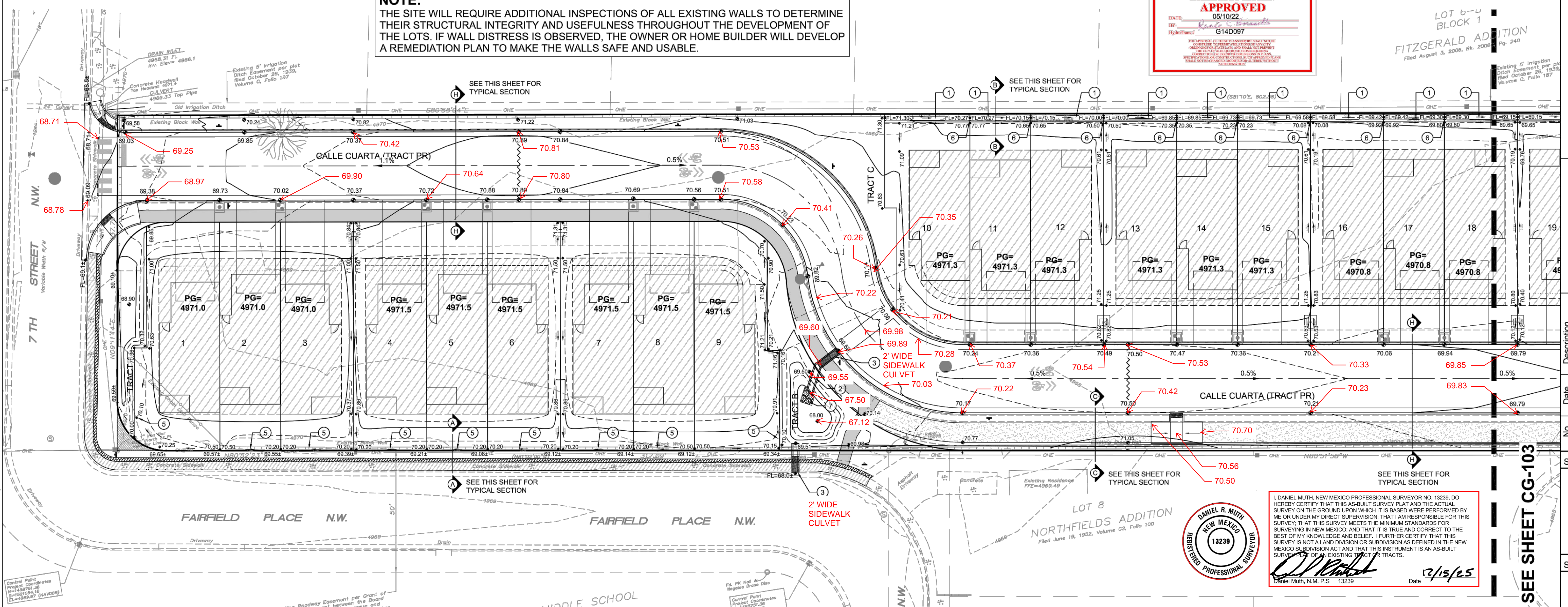
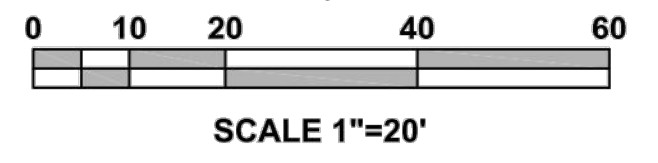


SECTION F-F
SCALE: N.T.S.



SECTION H-H
SCALE: N.T.S.

NOTE:
THE SITE WILL REQUIRE ADDITIONAL INSPECTIONS OF ALL EXISTING WALLS TO DETERMINE THEIR STRUCTURAL INTEGRITY AND USEFULNESS THROUGHOUT THE DEVELOPMENT OF THE LOTS. IF WALL DISTRESS IS OBSERVED, THE OWNER OR HOME BUILDER WILL DEVELOP A REMEDIATION PLAN TO MAKE THE WALLS SAFE AND USABLE.

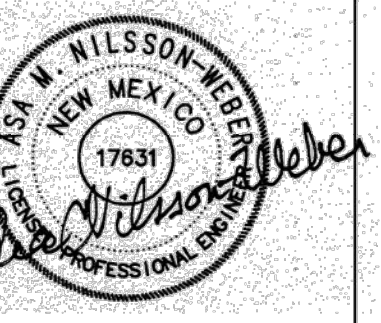


I, DANIEL MUTH, NEW MEXICO PROFESSIONAL SURVEYOR NO. 13239, DO HEREBY CERTIFY THAT THIS AS-BUILT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN AS-BUILT SURVEY PLAT OF AN EXISTING TRACT OR TRACTS.
Date: 7/15/25
Daniel Muth, N.M. P.S. 13239



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

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04/28/2022
Engineer

**CALLE CUARTA
RESIDENTIAL SUBDIVISION**

ISSUE: HYDROLOGY
PROJECT NUMBER: IA 2449
FILE: _____
DRAWN BY: thar
CHECKED BY: FCA
DATE: 03-2022

No.	Date	Description

SHEET TITLE
ENLARGED
GRADING &
DRAINAGE
PLAN
(WEST)

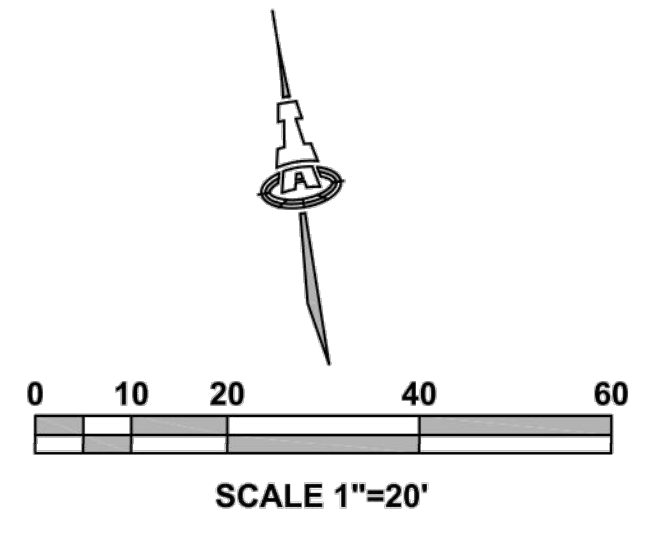
SHEET NUMBER
CG-102

I, DANIEL MUTH, NEW MEXICO PROFESSIONAL SURVEYOR NO. 13239, DO HEREBY CERTIFY THAT THIS AS-BUILT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN AS-BUILT SURVEY PLAT OF AN EXISTING TRACT OR TRACTS.

Daniel Muth
 Daniel Muth, N.M. P.S. 13239 Date 12/15/25



City of Albuquerque
 Planning Department
 Development Review Services
HYDROLOGY SECTION
APPROVED
 DATE: 05/10/22
 BY: *Randy C. Brissett*
 HydroTeam #: G14D097

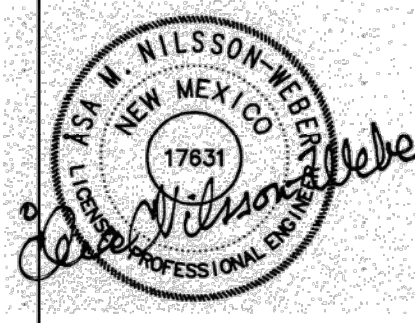


- ### KEYED NOTES
- 2' WIDE U-SHAPED CHANNEL PER DETAIL ON SHEET CG-501.
 - RUNDOWN PER DETAIL ON SHEET CG-501.
 - 2' WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
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 - WALL OPENING AT U-SHAPED CHANNEL PER DETAIL ON SHEET CG-501.
 - 5'x5'x1' THICK FRACTURED FACE ROCK, 6" MEAN DIA. OVER NON-WOVEN GEOTEX FABRIC.

- ### LEGEND
- 4968 --- EXISTING CONTOUR
 - 71 --- PROPOSED 1.0' CONTOUR
 - 70.5 --- PROPOSED 0.5' CONTOUR
 - ◆ 72.1 --- PROPOSED SPOT ELEVATION
 - FLOW DIRECTION
 - PG= 4970.0 PAD GRADE ELEVATION
 - EROSION PROTECTION
 - SIDEWALK CULVERT
 - GRADING LIMITS
 - HIGH POINT

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 Civil Engineering Consultants
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04/28/2022
 Engineer

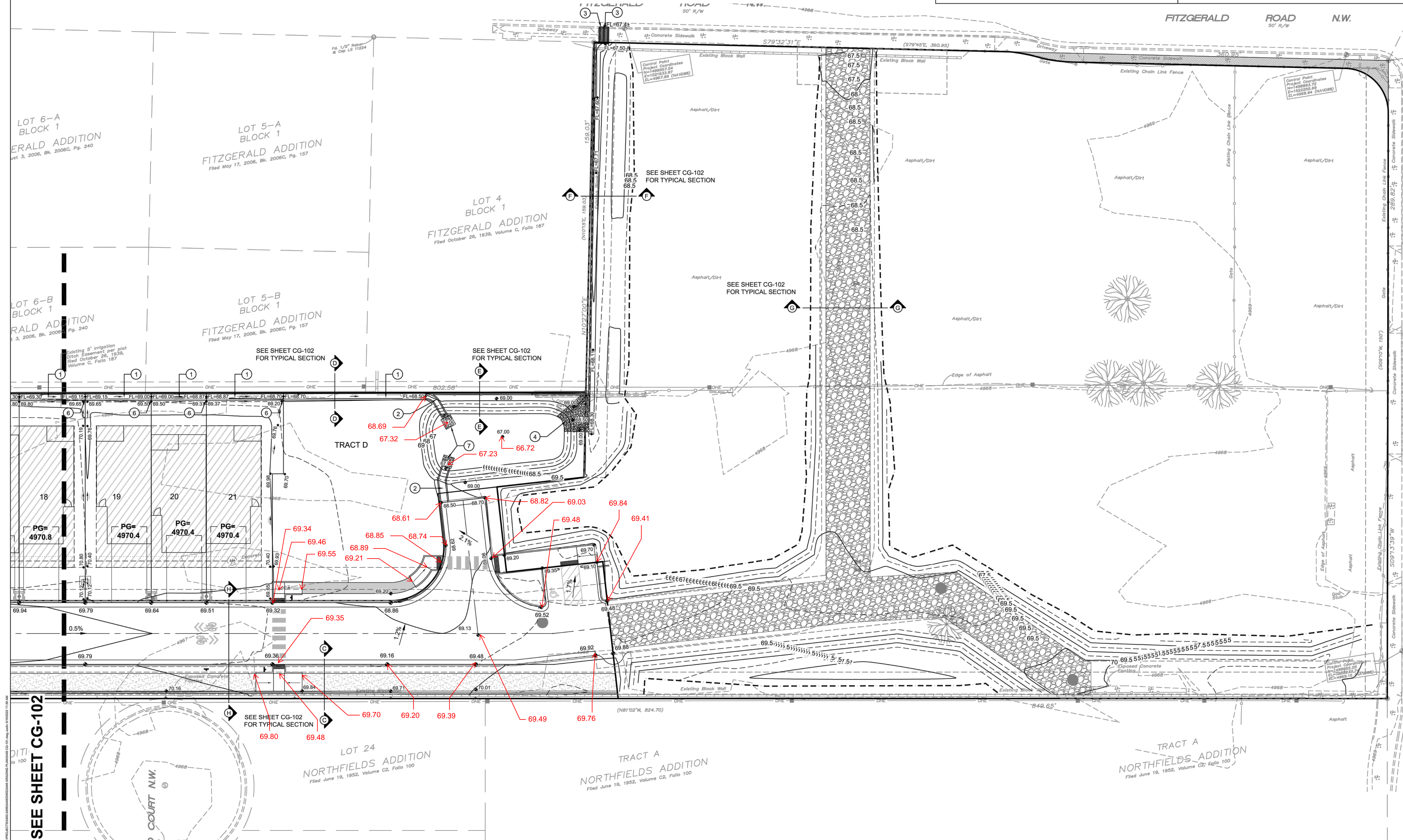
CALLE CUARTA RESIDENTIAL SUBDIVISION

ISSUE: HYDROLOGY
PROJECT NUMBER: IA 2449
FILE: -
DRAWN BY: thar
CHECKED BY: FCA
DATE: 03-2022

No	Date	Description

SHEET TITLE
**ENLARGED
 GRADING &
 DRAINAGE
 PLAN (EAST)**

SHEET NUMBER
CG-103



SEE SHEET CG-102

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

SEE SHEET CG-102 FOR TYPICAL SECTION

TRACT A
 NORTHFIELDS ADDITION
 Filed June 19, 1952, Volume C2, Folio 100

LOT 24
 NORTHFIELDS ADDITION
 Filed June 19, 1952, Volume C2, Folio 100

LOT 4
 BLOCK 1
 FITZGERALD ADDITION
 Filed October 26, 1939, Volume C, Folio 187

LOT 5-B
 BLOCK 1
 FITZGERALD ADDITION
 Filed May 17, 2006, Bk. 2006C, Pg. 157

LOT 5-A
 BLOCK 1
 FITZGERALD ADDITION
 Filed May 17, 2006, Bk. 2006C, Pg. 157

LOT 6-A
 BLOCK 1
 FITZGERALD ADDITION
 Filed May 17, 2006, Bk. 2006C, Pg. 240

LOT 6-B
 BLOCK 1
 FITZGERALD ADDITION
 Filed May 17, 2006, Bk. 2006C, Pg. 240

EXISTING 5" IRRIGATION
 DITCH EQUIPMENT PER PLOT
 FILED OCTOBER 26, 1939,
 VOLUME C, FOLIO 187

SEE SHEET CG-102