CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

April 28, 2017

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

RE: Oakland Heights Subdivision 7420 Oakland Ave. NE Engineer's Certification Date: 4/24/17 Hydrology File: C19D063

Dear Mr. Hensley:

Based on the information provided in your submittal received 4/26/17, the Engineer's Certification is approved for ROFG/SIA for Hydrology.

PO Box 1293

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Albuquerque

Sincerely,

New Mexico 87103

www.cabq.gov

Dana Peterson, P.E. Senior Engineer, Planning Dept. Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title:	Building Permit #:	City Drainage #:
DRB#: EPC#:		Work Order#:
Legal Description:		
City Address:		
Engineering Firm:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Owner:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Architect:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Surveyor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	ROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMI	IT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL	_
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	ANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPA	ANCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AP	PROVAL
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	DVAL
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	VAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No Co	ppy Provided
DATE SUBMITTED:	By:	

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans

2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres

3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more

4. Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



April 25, 2017

Hydrology Development City of Albuquerque PO Box 1293 Albuquerque, NM 87103

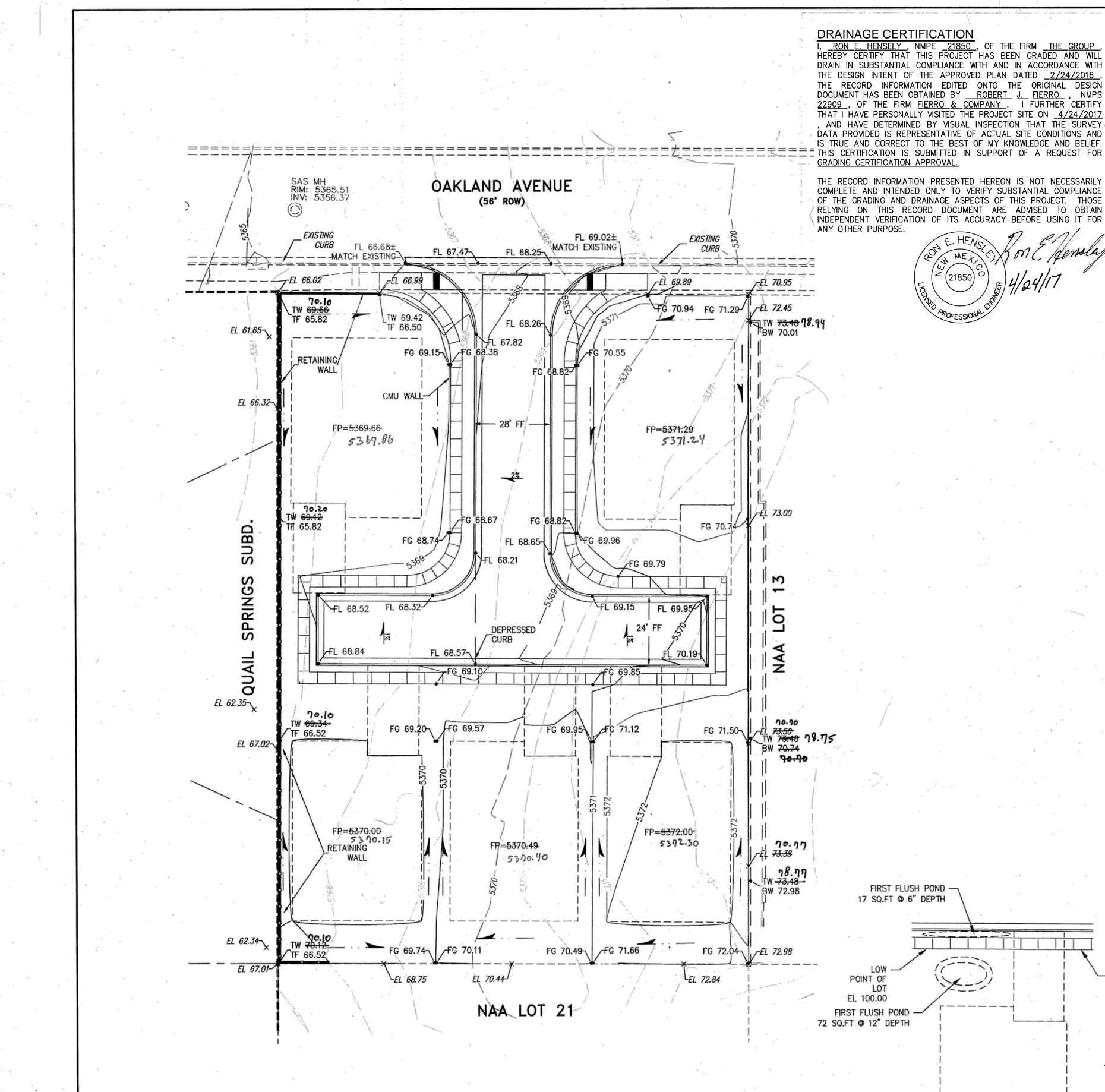
Re: C19D063 - Oakland Heights Subdivision Drainage Certification

The as built Grading Plan for the above site is attached. The subdivision is a replat of "LOT 12, BLOCK 3, UNIT 3, TRACT 2, NORTH ALBUQUERQUE ACRES". The drainage from and within the subdivision perform as designed, and all grades inside the subdivision do not deviate by more than 18" of the DRB approved grades within 50 feet of the subdivision's perimeter. The pad elevations of all lots have been verified.

We are requesting a review for Grading Certification Approval. Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely Hensle Ron E. Hensley P.E.

ron@thegroup.cc



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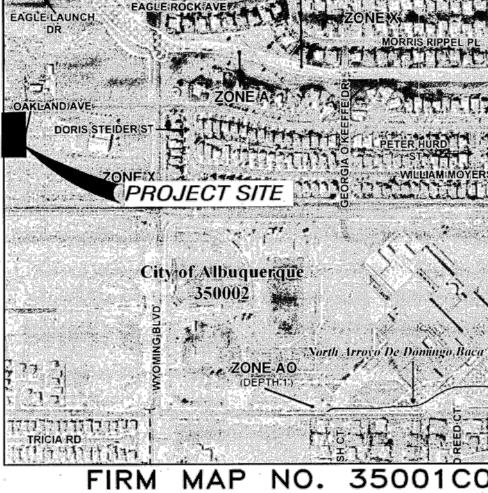
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<u>_RON_E. HENSELY_, NMPE _21850</u>, OF THE FIRM _THE_GROUP HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED <u>2/24/2016</u> THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY <u>ROBERT</u> J. FIERRO , NMPS 22909, OF THE FIRM FIERRO & COMPANY. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON <u>4/24/2017</u> AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. GRADING CERTIFICATION APPROVAL.

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.

Kenslar



DRAINAGE INFORMATION LOCATION & DESCRIPTION

THE PROPOSED SITE IS 0.72 ACRES LOCATED ON THE SOUTH SIDE OF OAI BLVD. AS SEEN ON THE VICINITY MAP. THE SITE WAS DEVELOPED AS AN ADJACENT PROPERTIES TO THE WEST ARE DEVELOPED HIGHER DENSITY W THE CONSTRUCTION OF A GROUP LIVING SITE. THE PROPOSED DEVELOPM RESIDENTIAL LOTS ON A CUL-DE-SAC.

FLOODPLAIN STATUS

THIS PROJECT, AS SHOWN ON FEMA'S FLOOD INSURANCE RATE MAP 3500 NOT WITHIN A DESIGNATED 100-YEAR FLOODPLAIN. AN EXHIBIT WITH THE INCLUDED ON THIS SHEET.

METHODOLOGY

THE HYDROLOGY FOR THIS PROJECT WAS ANALYZED USING AHYMO SOFTW.

PRECIPITATION

THE 100-YR 6-HR DURATION STORM WAS USED AS THE DESIGN STORM SITE IS WITHIN ZONE 3 AS IDENTIFIED IN THE CITY OF ALBUQUERQUE DEV MANUAL, SECTION 22.2.

EXISTING DRAINAGE

THE SITE IS WITHIN THE AREA OF THE NORTH A ALBUQUERQUE ACERS D DRAINAGE WHICH ENTERED THE SITE FROM THE EAST HAS BEEN DIVERTED AND WALL (SEE C19D062). NO OTHER ADJACENT PROPERTIES DRAIN TO PERCENTAGES OF THAT STUDY ARE UTILIZED IN THE ANALYSIS LISTED BE EXISTING CURB AND GUTTER IN OAKLAND AVENUE.

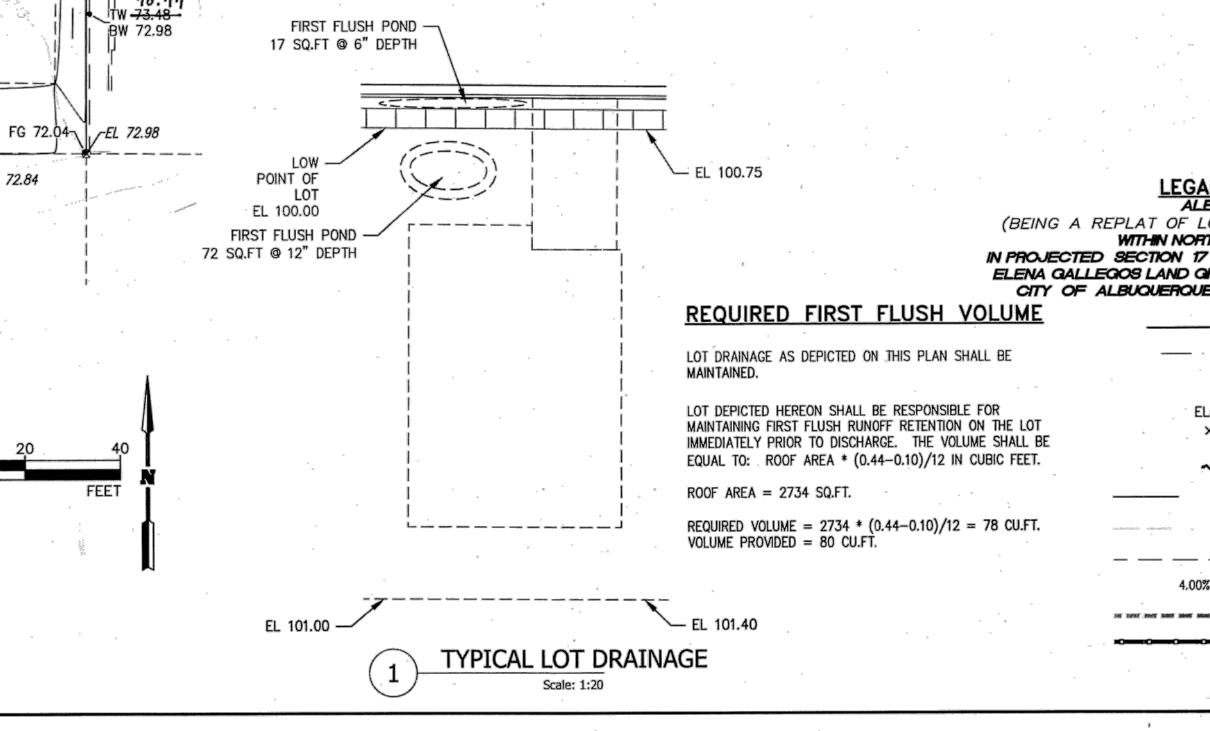
DEVELOPED CONDITION

THIS SITE WILL BE DEVELOPED WITH A SINGLE STREET INTERCEPTING ALL WILL FREE DISCHARGE INTO OAKLAND AVENUE. OAKLAND AVENUE WILL INLETS LOCATED WEST OF THE SITE IN OAKLAND AVENUE. THE 0.16 CFS RUNOFF, DUE TO THIS DEVELOPMENT IS INSIGNIFICANT AND WILL HAVE MIN FACILITIES.

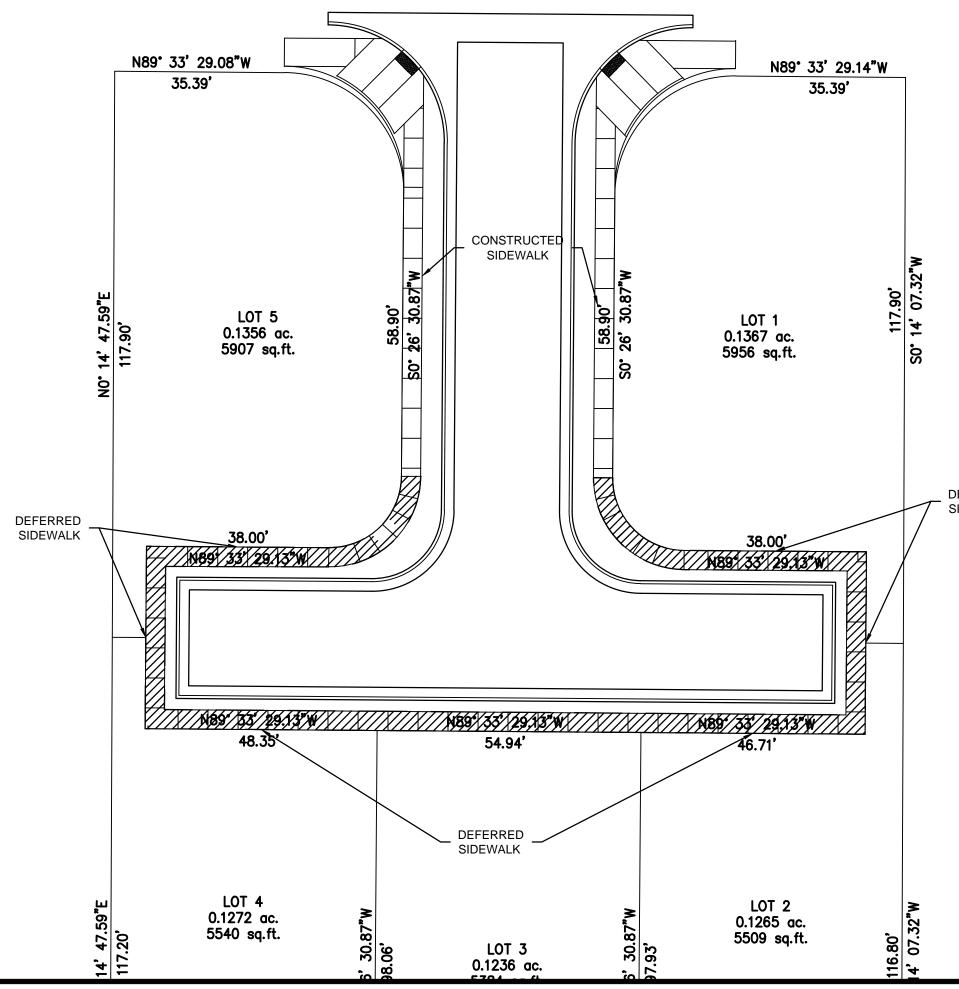
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DEFERRED SIDEWALK