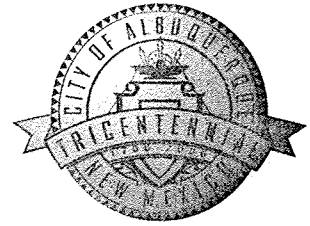


CITY OF ALBUQUERQUE



February 1, 2007

Mr. Steven K. Morrow, P.E.
Brasher & Lorenz
2201 San Pedro NE
Albuquerque, NM 87110

RE: La Cueva Estates (B19/D25)
Engineers Certification for Release of Financial Guaranty
Engineers Stamp dated 12/09/2005
Engineers Certification dated 1/31/2007

Dear Mr. Morrow:

Based upon the information provided in your Engineer's Certification Submittal dated 1/31/2007, the above referenced plan is adequate to satisfy the Grading and Drainage Certification for Release of Financial Guaranty.

If you have any questions, you can contact me at 924-3982

Sincerely,

Curtis A. Cherne
Engineering Associate-Hydrology
Development and Building Services

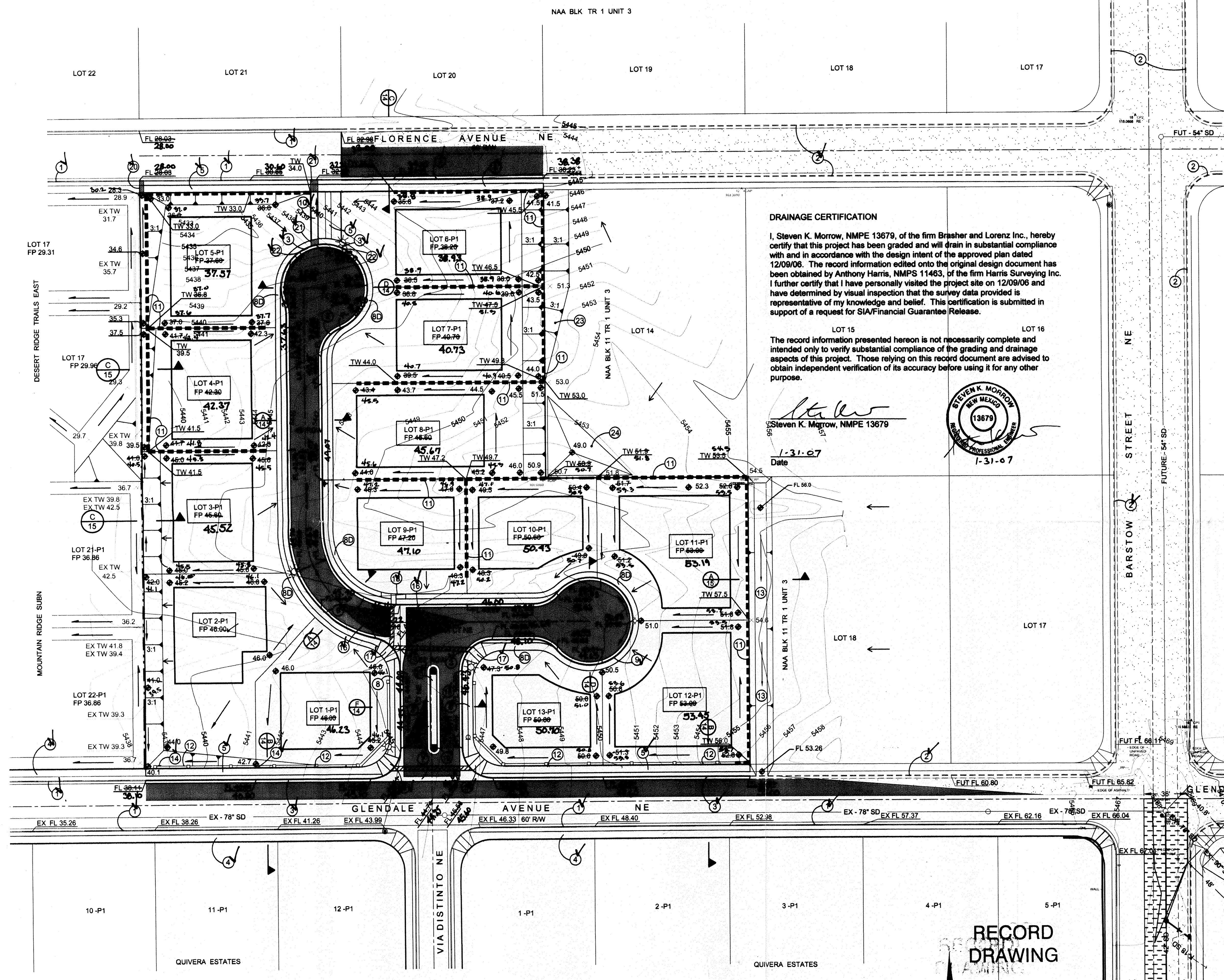
C: Marilyn Maldonado, COA #754981
File

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



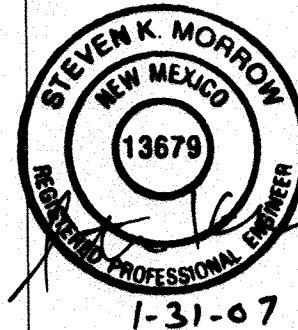
DRAINAGE CERTIFICATION

I, Steven K. Morrow, NMPE 13679, of the firm Brasher and Lorenz 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 12/09/06. The record information edited onto the original design document has been obtained by Anthony Harris, NMPS 11463, of the firm Harris Surveying Inc. I further certify that I have personally visited the project site on 12/09/06 and have determined by visual inspection that the survey data provided is representative of my knowledge and belief. This certification is submitted in support of a request for SIA/Financial Guarantee Release.

LOT 15
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.

Steven K. Morrow, NMPE 13679

1-31-07
Date



LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" STS	36" STS
FIRE HYDRANT		
AIR RELEASE		
FIRE HYDRANT		
VALVE		
3/4" METERED WATER SERVICE (SINGLE)		
3/4" METERED WATER SERVICE (DOUBLE)		
MANHOLE		
CURB AND GUTTER		
HEADER CURB		
DROP INLET		
OVERHEAD ELEC WITH POWER POLE	OHE	OHE
UNDERGROUND ELEC, GAS, TEL, TV	UGT	UGT
CURB ELEVATIONS	x 16.7	16.7
SPOT ELEV.		
SEWER SERVICE		
RIGHT OF WAY		
EASEMENT		
POWER POLE (GUYED)	PP	PP
CENTERLINE		
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
RETAINING WALL	EX FL 16.2	FL 16.2
FLOWLINE ELEV		
FUTURE FLOWLINE ELEV (N.I.C)		FUT FL 16.2
FUTURE CURB AND GUTTER (N.I.C)		
ADA COMPLIANT PATH 3' WIDE @ 2% MAX TRANSVERSE AND 5% MAX LONGITUDINAL		
PROPOSED PAVING		
REMOVE AND REPLACE EXISTING PAVING		
FUTURE PAVING (N.I.C)		
EXISTING PAVING		
STREET LIGHT LOCATIONS PER TONY LOYD		

KEYED NOTES

- EXISTING STD CURB AND GUTTER
- FUTURE STD CURB AND GUTTER (N.I.C)
- NEW STD CURB AND GUTTER PER COA STD DWG 2415A
- EXISTING 6" SIDEWALK
- NEW 6" SIDEWALK PER COA STD DWG 2430
- NEW ACCESSIBLE RAMP PER COA STD DWG 2441 CASE II SEE DETAIL 14
- NEW 6" CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- NEW 4" SIDEWALK PER COA STD DWG 2430 - 40' T. COMPLETE
- NEW 4" SIDEWALK PER COA STD DWG 2430 (DEFERRED)
- NEW MOUNTABLE ROLL TYPE CURB AND GUTTER PER COA STD DWG 2415A
- NEW 6" WIDE CONCRETE CHANNEL PER COA STD DWG 2260
- NEW RETAINING WALL. SEE SHEET 15
- PERIMETER WALL. NOT COMPLETE
- CONSTRUCT TEMPORARY OFFSITE CHANNEL
- ROTATE 2 CMU BLOCKS FOR DRAINAGE FLOWS
- NEW 10" WIDE VALLEY GUTTER PER COA STD DWG 2422
- NEW PAVING CROWN TRANSITION PER COA STD DWG 2401
- USE STANDARD TO MOUNTABLE TRANSITION RAMP PER COA STD DWG 2419
- NEW MID BLOCK ACCESSIBLE RAMP IN ACCORDANCE WITH ADA SPECIFICATIONS SEE DETAIL 14
- NEW MEDIAN CURB AND GUTTER PER COA STD DWG 2415B
- INSTALL 1-24" SIDEWALK CULVERT PER COA STD DWG 2236
- INSTALL 2-24" SIDEWALK CULVERT PER COA STD DWG 2236
- INSTALL STD TO MOUNTABLE CURB TRANSITION
- CONSTRUCT INTERIM 3:1 CUT SLOPE
- CONSTRUCT INTERIM RETENTION POND VOL= 1050 CF
- CONC. PAVEMENT ON MEDIAN PER COA STD DWG 2408 PAINT MEDIAN NOSES YELLOW

PROJECT DATA

PROPERTY ADDRESS
GLENDALE AVE NE
ALBUQUERQUE, NEW MEXICO
LEGAL DESCRIPTION
LOTS 12 & 13, 19-21, BLOCK 11
TRACT 1, UNIT 3
NORTH ALBUQUERQUE ACRES
SURVEY
SUPPLEMENTAL MAPPING BY
BRASHER AND LORENZ JUNE 2005
BOUNDARY SURVEY BY HARRIS SURVEYING

BRASHER & LORENZ
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP

TITLE: **LA CUEVA ESTATES
GRADING & DRAINAGE PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only			
City Project No. 7549.81	Zone Map No. B - 19	Sheet 3	15

AS-BUILT INFORMATION

CONTRACTOR: **BRASHER & LORENZ** DATE: **6/29/10**
WORK: **LA CUEVA ESTATES** DATE: **6/29/10**
FIELD: **BRASHER & LORENZ** DATE: **6/29/10**
ACCEPTANCE BY: **BRASHER & LORENZ** DATE: **6/29/10**
DRAWINGS: **BRASHER & LORENZ** DATE: **6/29/10**
CORRECTED BY: **BRASHER & LORENZ** DATE: **6/29/10**
MICRO-FILM INFORMATION

BENCHMARKS

ACS BRASS CAP STAMPED "1-807"
LOCATED AT THE NE CORNER OF THE INTERSECTION OF GLENDALE AVE NE AND
BARSTOW ST NE APPROX 30' NORTH FROM THE CENTERLINE OF GLENDALE AVE
30' EAST FROM THE CENTERLINE OF BARSTOW
N.M. STATE PLANE COORDINATES - CENTRAL ZONE AND 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET

ENGINEER'S SEAL

1-31-07

DATE	BY	NO.

SURVEY INFORMATION

DATE	BY	NO.

REVISIONS

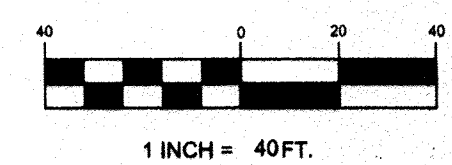
NO.	DATE	BY	REMARKS

DESIGNED BY: DAL
DRAWN BY: F.G.
CHECKED BY: DAL

DATE 07-2005
DATE 07-2005
DATE 07-2005

RECEIVED
JAN 5 1 2007
HYDROLOGY SECTION

RECORD
DRAWING



FOR INFORMATION
ONLY

05 DRB 01183
DRB PROJECT No 1003551