

DRAINAGE CALCULATIONS - SOUTH SIDE PONDING (BACKYARDS ONLY)

CRITERIA: 100 YR - 6 HR STORM

ZONE 1

LAND TREATMENT "C"

RUNOFF AREA = 780 SF = 0.017 ACRES (PER LOT)

E_c = 0.99 INCHES

VOLUME 360 = $0.99 \times 0.017 = 0.0014$ AC. FT.

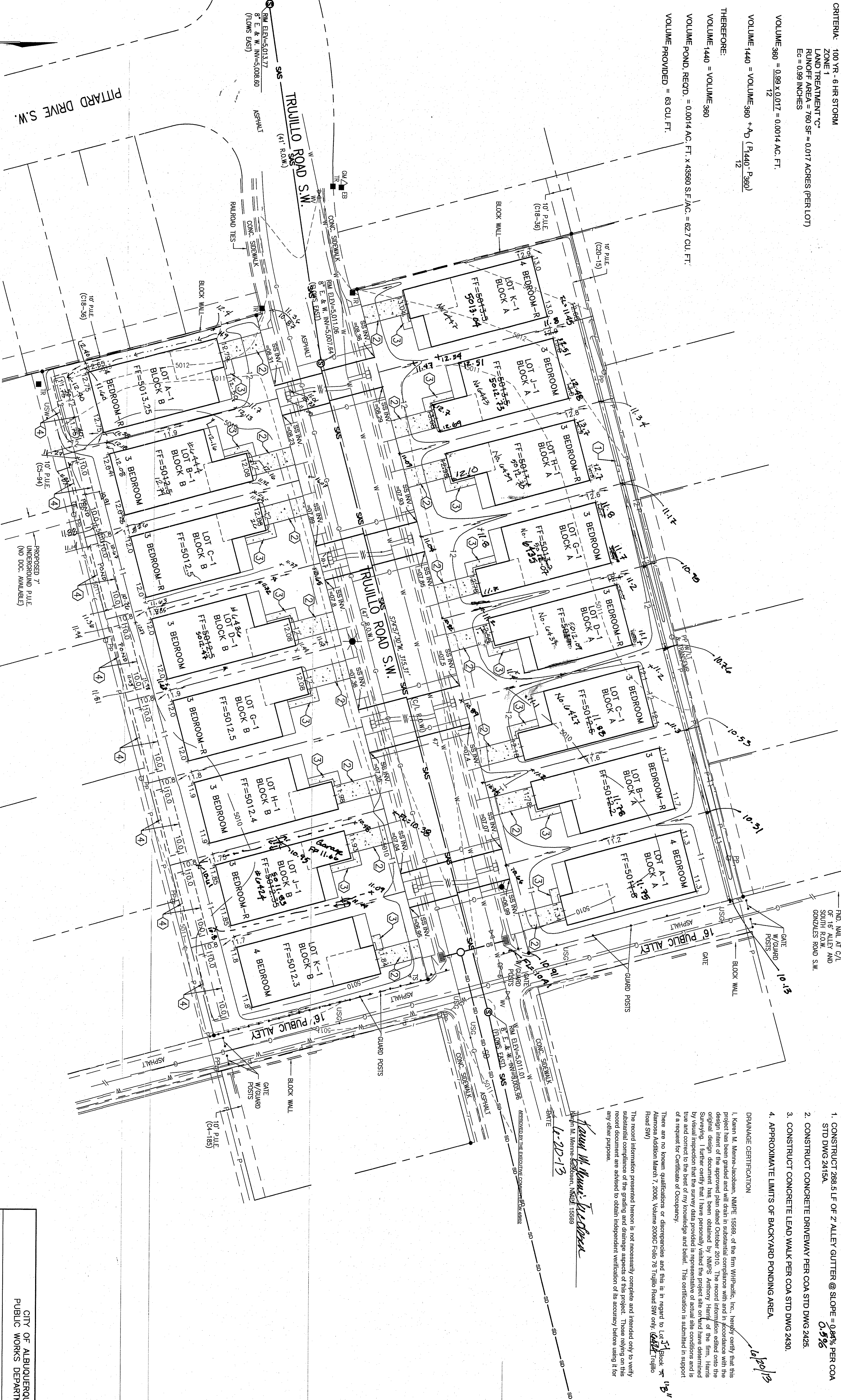
VOLUME 1440 = VOLUME 360 $\times \frac{A_D}{12} \left(\frac{P_{1440} - P_{360}}{12} \right)$

THEREFORE:

VOLUME 1440 = VOLUME 360

VOLUME POND, REQ'D. = 0.0014 AC. FT. $\times 43360$ S.F./AC. = 62.7 CU. FT.

VOLUME PROVIDED = 63 CU. FT.



GENERAL NOTES:

- EXISTING TOPOGRAPHY SHOWN WAS TAKEN FROM AVAILABLE RECORDS AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.
- DRAINAGE PONDS AND SWALES MUST REMAIN IN PLACE IN PERPETUITY UNLESS OTHER DRAINAGE FACILITIES ARE DESIGNED AND CONSTRUCTED WITH CITY OF ALBUQUERQUE APPROVAL.

KEYED NOTES

- CONSTRUCT 268.5 LF OF 2' ALLEY GUTTER @ SLOPE = 0.84% PER COA STD DWG 2415A. **0.9%**
- CONSTRUCT CONCRETE DRIVEWAY PER COA STD DWG 2425.
- CONSTRUCT CONCRETE LEAD WALK PER COA STD DWG 2430.
- APPROXIMATE LIMITS OF BACKYARD PONDING AREA.

DRAINAGE CERTIFICATION

I, Karen M. Menne-Jacobsen, NMPE 15569, of the firm WHPacific, 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 October 2010. The record information edited onto the original design document has been obtained by NMPS Anthony Harris of the firm, Harris Surveying. I further certify that I have personally visited the project site on hand 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. This certification is submitted in support of a request for Certificate of Occupancy.

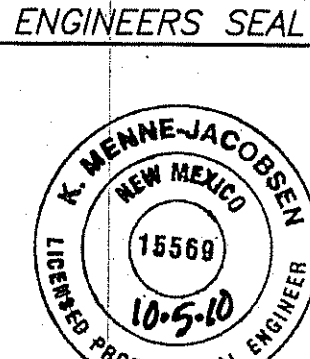
There are no known qualifications or discrepancies and this is in regard to Lot 7 Block 11 of the Airport Addition Parcel 1, 2005, Volume 2005C Folio 78 Trujillo Road SW only (GAHH Trujillo Road SW)

The record information presented herein 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.

Karen M. Menne-Jacobsen
10-22-13

Karen M. Menne-Jacobsen, NMPE 15569

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR				NO.	DATE		
WORK STACKED BY							
INSPECTOR							
ACCEPTANCE BY							
FIELD VERIFICATION BY							
DRAWINGS CORRECTED BY							
MICRO-FILM INFORMATION							
RECORDED BY							
DATE							
NO.							



K. Menne-Jacobsen

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

NO.	REMARKS	DATE
-----	---------	------

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

GRADING PLAN

TITLE:

Design Review Committee

City Engineer Approval

Max./Day/Tr.

Max./Day/Tr.

WHPacific

6501 Americas Parkway NE, Suite 400
Albuquerque, NM 87110
www.whpacific.com

City Project No.

XXXXXX

Zone Map No.

K-11-Z

Sheet

3

of

4