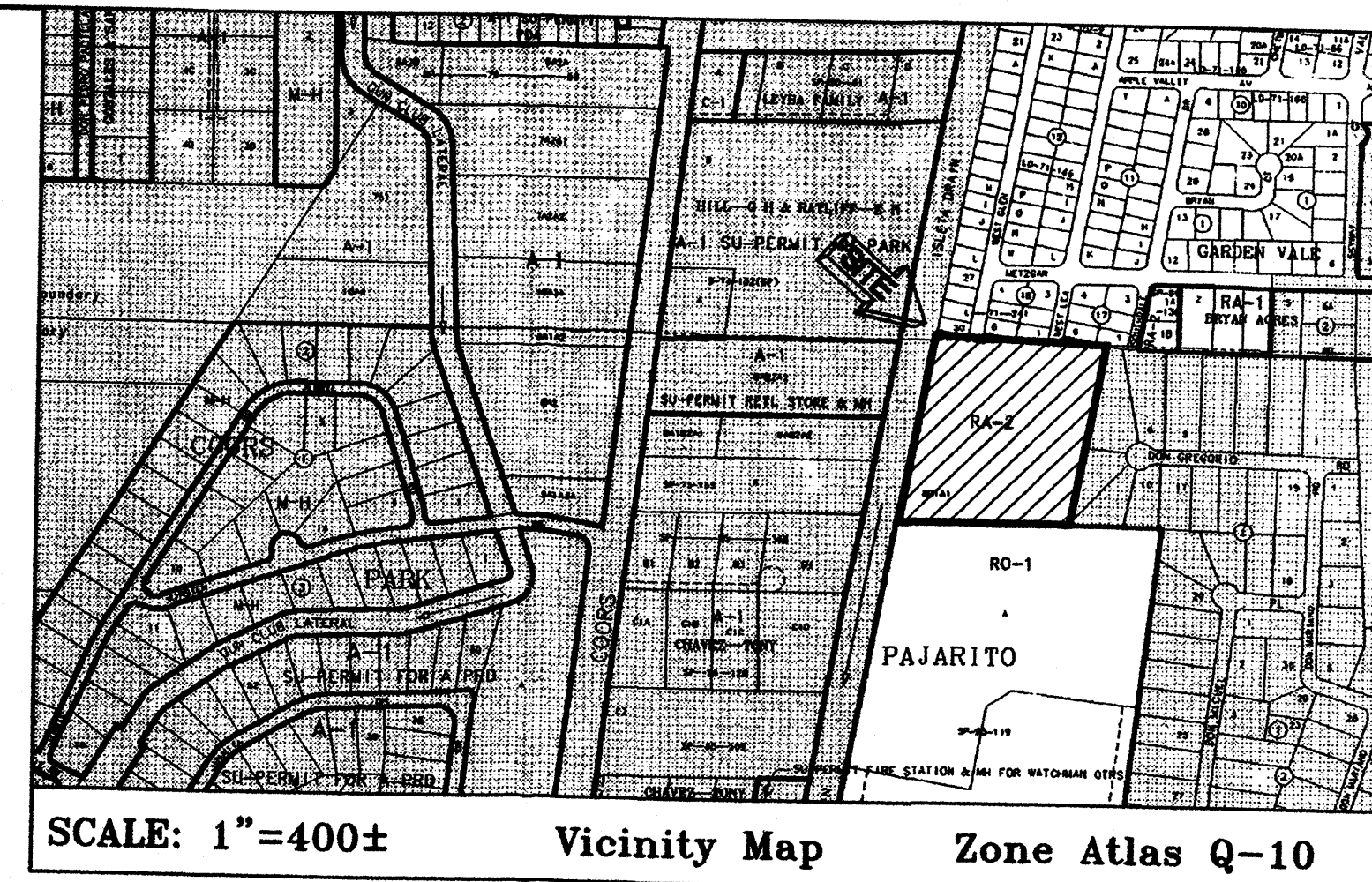


DRAINAGE BASINS							
BASIN	AREA SQ. MI.	%A	%B	%C	%D	Q100 cfs	V100 ac. ft.
DA1	0.00105	0	90.2	0	9.8	1.53	0.045
DA2	0.00236	0	90.9	0	9.1	3.38	0.099
DA3	0.00162	0	93.2	0	6.8	2.14	0.061
DA4	0.00440	0	30	15	55	9.70	0.335
DA5	0.00461	0	30	15	55	10.15	0.350

ANALYSIS POINTS	
POINT	Q100 cfs*
AP1	10.15
AP2	9.70

POND CALCULATIONS			
POND #	AREA	VOLUME	
#1	14,956 S.F. (0.3433 AC.)	15,522 CU.FT. (0.3563 AC. FT.)	POND TOP ELEV. 4,918.44 POND BOTTOM ELEV. 4,917.50
#2	43,926 S.F. (1.0084 AC.)	52,747 CU.FT. (1.2109 AC. FT.)	4,918.44 4,917.50
#3	22,724 S.F. (0.5217 AC.)	19,547 CU.FT. (0.4487 AC. FT.)	4,918.44 4,917.50



LEGAL DESCRIPTION

A CERTAIN TRACT OF LAND SITUATE WITHIN PROJECTED SECTION 15, TOWNSHIP 9 NORTH, RANGE 2 EAST, N.M.P.M., WITHIN THE ATRISCO GRANT, BERNALILLO COUNTY, NEW MEXICO, AND BEING IDENTIFIED AS PORTIONS OF TRACTS 8B1A AND 10A2A, AS SHOWN ON MIDDLE RIO GRANDE CONSERVANCY DISTRICT PROPERTY MAP NO. 52, BERNALILLO COUNTY, NEW MEXICO.

LEGEND

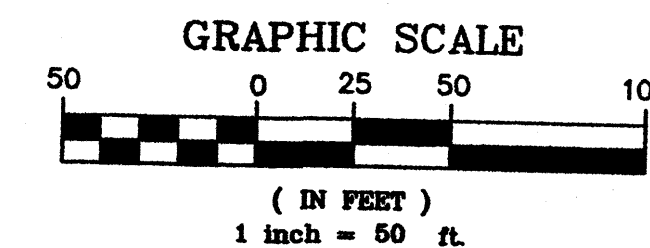
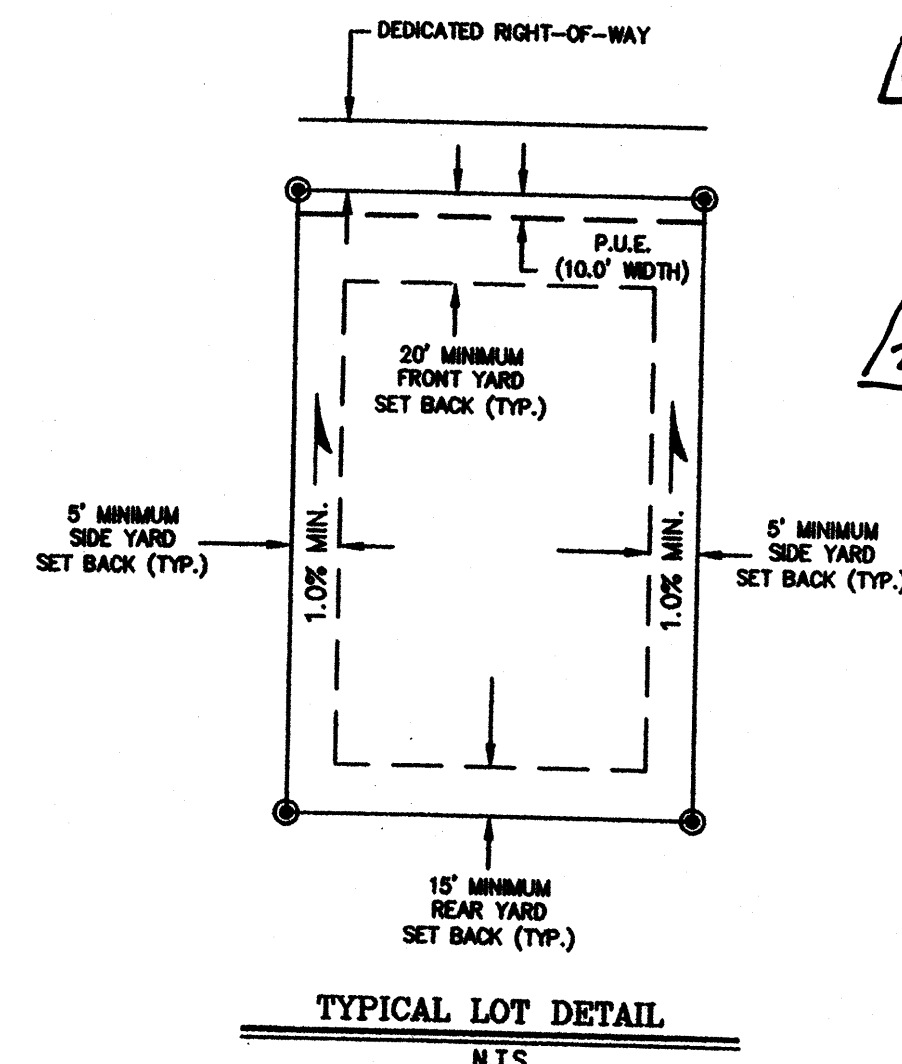
- 5295.06 PROPOSED SPOT ELEVATION
- 09.0 EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED CONCRETE VALLEY GUTTER
- PROPOSED CURB & GUTTER
- 4973 --- EXISTING CONTOUR W/ INDEX ELEVATION
- BOUNDARY LINE
- BASIN BOUNDARY
- AP4 DRAINAGE ANALYSIS POINT
- DA1 DRAINAGE BASIN NUMBER

NOTES:

- 1) A MASONRY WALL IS TO BE CONSTRUCTED ALONG THE PERIMETER OF THE SITE.

Special Valley Gutter Section Eliminated. Standard Crown Section Constructed.

2 - MINOR "Low Spot" IN GUTTER ONLY.



Community Sciences Corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, New Mexico 87048

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP		RECEIVED OCT 25 2007 HYDROLOGY SECTION	
TITLE: IZABEL SUBDIVISION GRADING AND DRAINAGE AREA PLAN			
Design Review Committee	City Engineer Approval	Mo./Day/Yr	Mo./Day/Yr
For Information Only			
City Project No. 765981	Zone Map No. Q-10	Sheet 6	of 16

I, BRIAN L. SPEICHER, NMPE 7292, OF THE FIRM COMMUNITY SCIENCES CORP., 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 5-12-06. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY SANTIAGO ROMERO, NMPS 7624, OF THE FIRM SANTIAGO ROMERO JR. & ASSOC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7/29/07 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. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR RELEASE OF SIA/FINANCIAL GUARANTEE RELEASE.

THE SPECIAL VALLEY GUTTERS IN WEST GLEN AND WEST LEA DRIVES WERE ELIMINATED AND A STANDARD STREET CROWN SECTION CONSTRUCTION PER APPROVAL OF THE CITY HYDROLOGIST (5-10-06).

DUE TO THE EXTREMELY FLAT TOPOGRAPHY OF THE SUBDIVISION, SOME MINOR PONDING WITHIN THE GUTTER SECTIONS EXISTS. THE DRAINAGE PONDS APPEAR TO FUNCTION AS INTENDED.

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.

NOTE: FP ELEVATIONS ARE WITHIN 0.05' OF DESIGN

