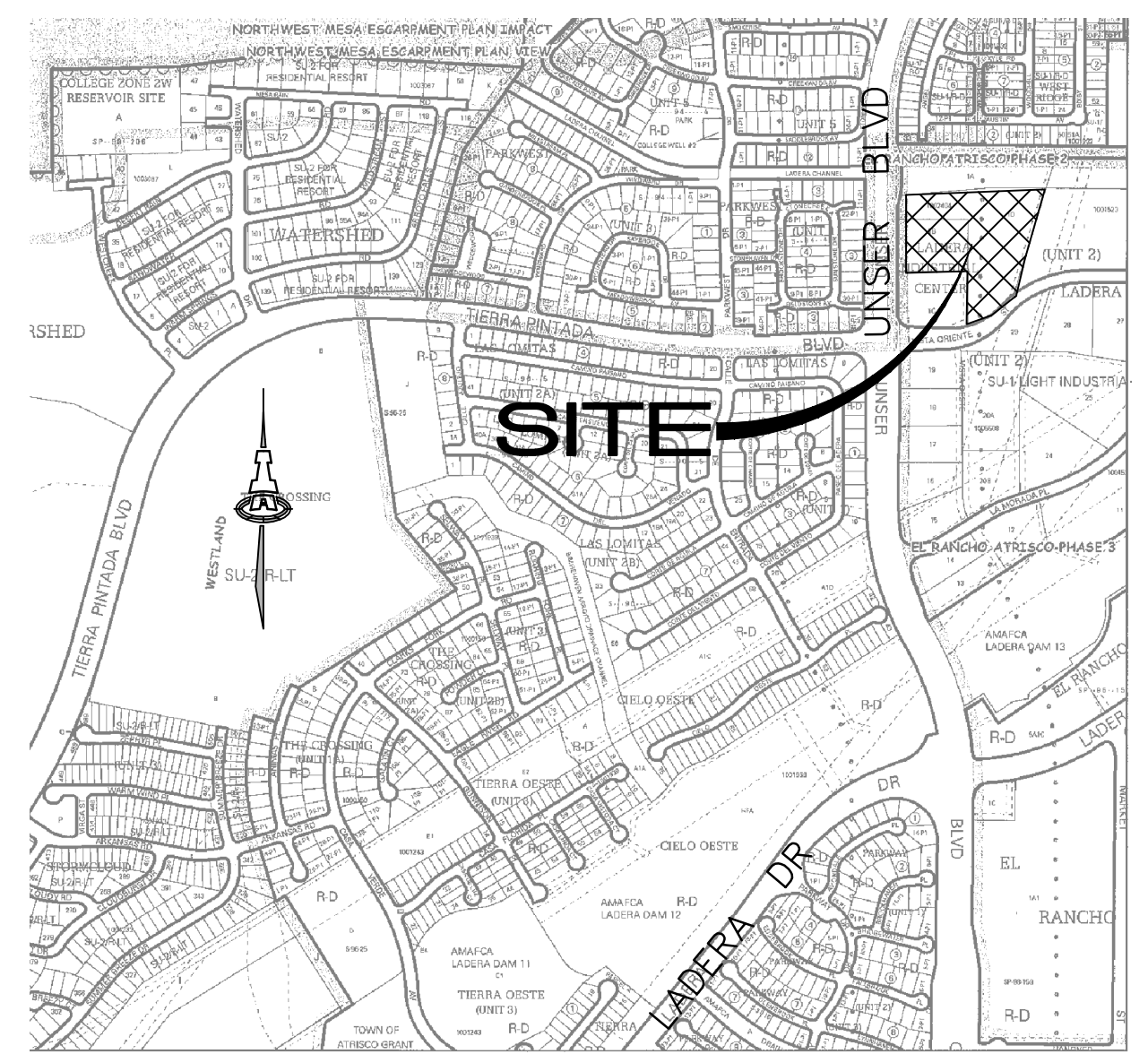
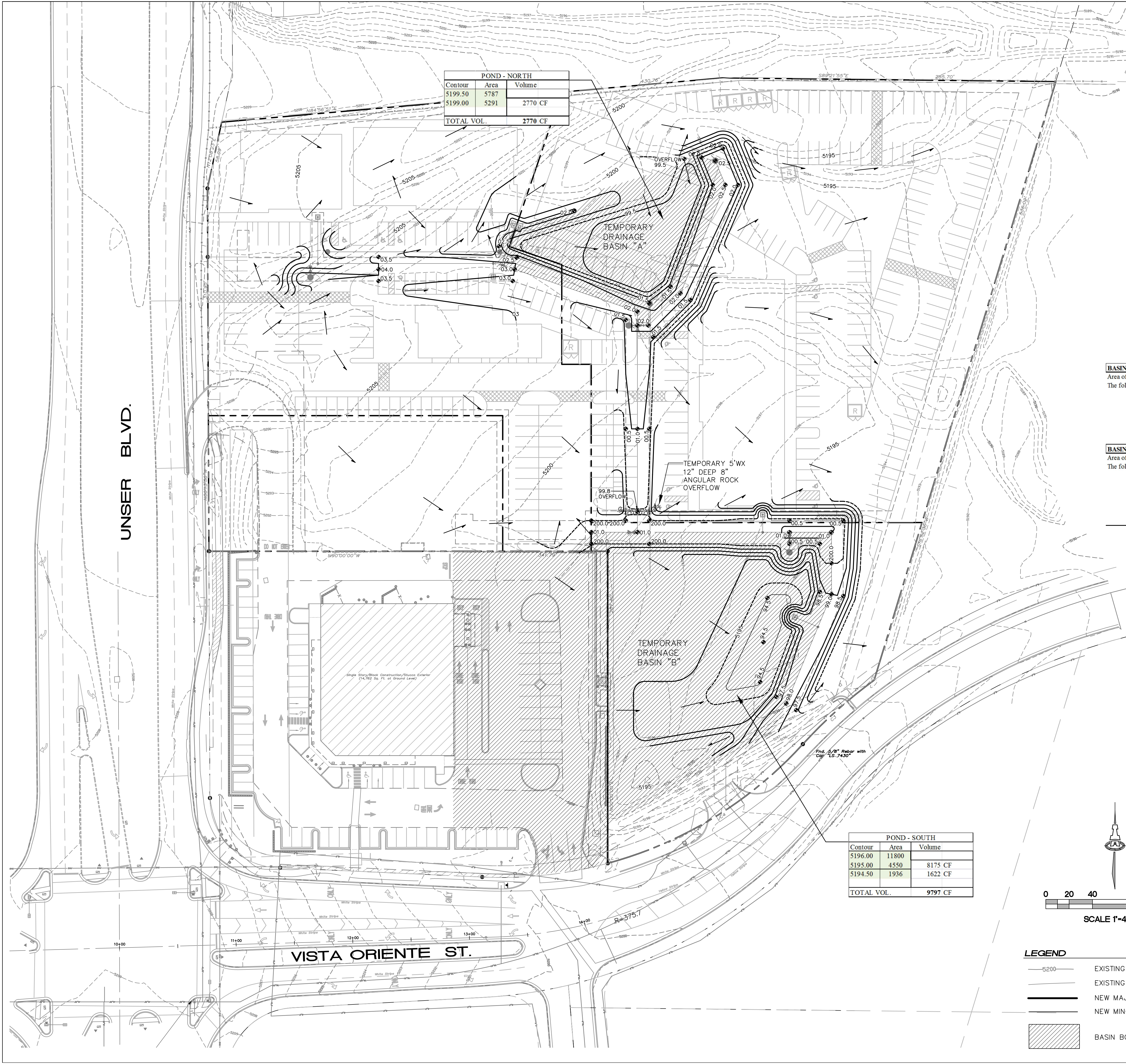
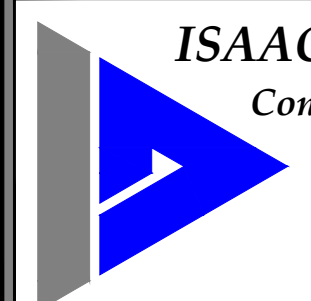




BASIN NO.	A	DESCRIPTION	North Basin
Area of basin flows =	15213 SF		0.3 Ac.
The following calculations are based on Treatment areas as shown in table to the right			
Sub-basin Weighted Excess Precipitation (see formula above)			LAND TREATMENT
Weighted E = 0.99 in.			A = 0%
Sub-basin Volume of Runoff (see formula above)			B = 0%
V ₃₆₀ = 1255 CF			C = 100%
Sub-basin Peak Discharge Rate: (see formula above)			D = 0%
Q _p = 1.0 cfs			

BASIN NO.	B	DESCRIPTION	South Basin
Area of basin flows =	69866 SF		1.6 Ac.
The following calculations are based on Treatment areas as shown in table to the right			
Sub-basin Weighted Excess Precipitation (see formula above)			LAND TREATMENT
Weighted E = 1.48 in.			A = 0%
Sub-basin Volume of Runoff (see formula above)			B = 0%
V ₃₆₀ = 8617 CF			C = 50%
Sub-basin Peak Discharge Rate: (see formula above)			D = 50%
Q _p = 5.8 cfs			

EXISTING APPROVED PLAN:
A GRADING AND DRAINAGE PLAN WAS APPROVED AS PART OF THE LADERA INDUSTRIAL CENTER SITE DEVELOPMENT PLAN FOR BUILDING PERMIT (H9/D6A) APPROVED 4/30/2008. TRACT 1-C WAS DEVELOPED AS THE WALGREENS SITE AND THE REMAINDER OF THIS CENTER IS UNDEVELOPED. THIS INTERIM GRADING AND DRAINAGE PLAN IS NECESSARY FOR THE CONSTRUCTION OF THE PUBLIC WATER LINES PROGRAMMED TO SERVE THE REMAINING COMMERCIAL DEVELOPMENT SINCE THE SITE WILL NOT BE MASS GRADED AT THIS TIME.



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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: LADERA INDUSTRIAL CENTER UTILITY CORRIDOR GRADING AND INTERIM DRAINAGE PLAN	
Design Review Committee	City Engineer Approval
City Project No. 738984	Zone Map No. H-9
Sheet 7	Of 12

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Albuquerque Central Survey Monument "4-H9"	FIELD NOTES		REVISIONS	DESIGN	REMARKS	BY
WORK STAGED BY	New Mexico State Plane Coordinates (Central Zone, NAD 83), as published			NO.	DATE		
FIELD ACCEPTANCE BY	North= 1,495,628.960 feet						
DATE	East= 1,496,579.839 feet						
DATE	Elevation= 5209.315 feet (NAVD 1988)						
DATE	Delta Alpha= -0016.35.82"						
DATE	Ground to Grid Factor= 0.999678461						
DATE							

