

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 19, 2002

Lyle Losack, P.E.
Quikdraw Engineering, LLC
P.O. Box 729
Corrales, New Mexico 87048

RE: RIVERVIEW VILLAGE UNIT 1 (A-11/D7)
Engineers Certification for Release of Financial Guaranty
Engineers Stamp dated 12/17/2001
Engineers Certification dated 11/5/2002

Dear Mr. Losack:

Based upon the information provided in your Engineers Certification submittal dated 11/5/2002, the above referenced plan is adequate to satisfy the Grading and Drainage Certification for Release of Financial Guaranty.

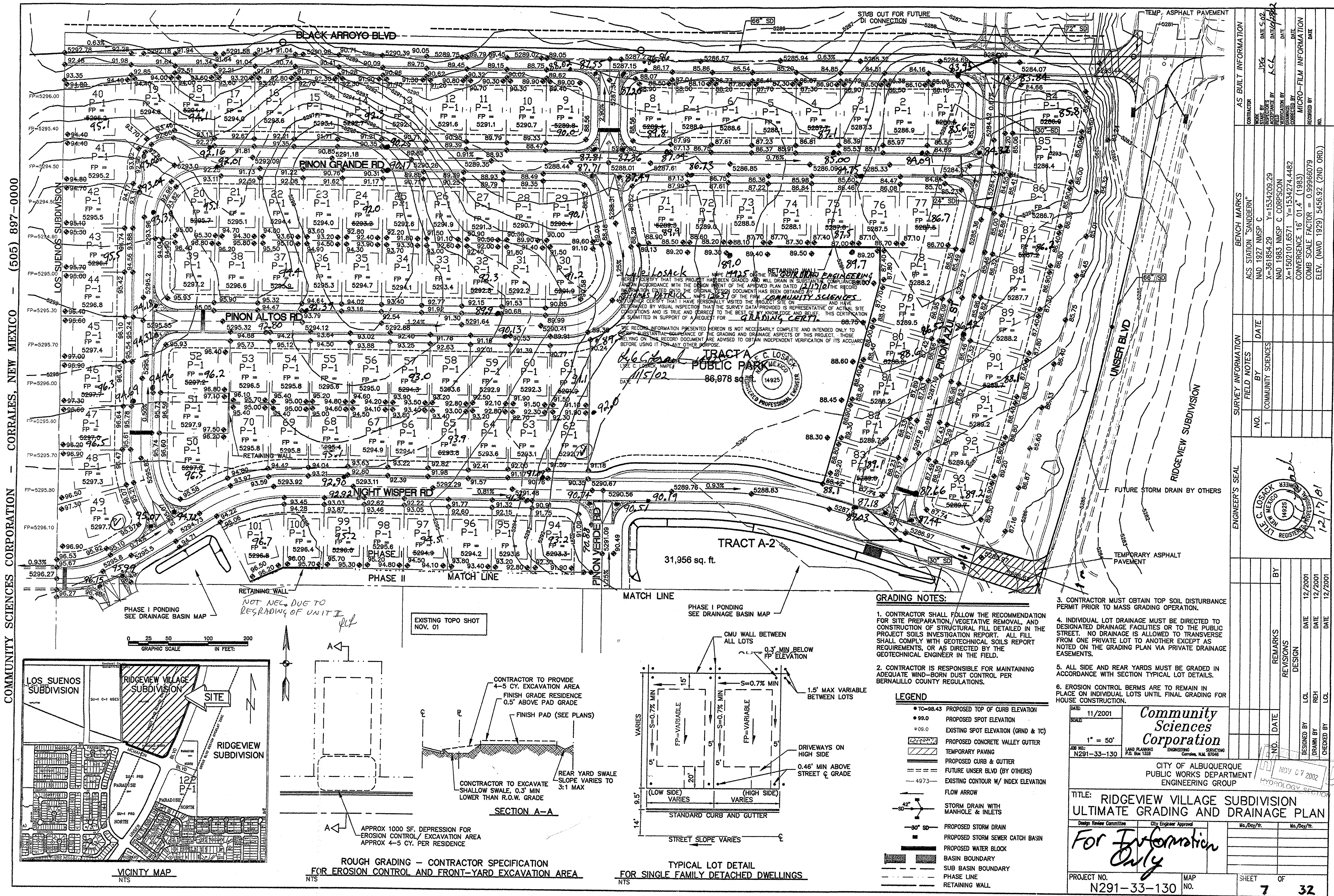
If you have any questions, please call me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Development & Bldg. Ser. Division
BEB

c: Arlene Portillo, COA--Project # 683081

File



GRADING NOTES:

1. CONTRACTOR SHALL FOLLOW THE RECOMMENDATION FOR SITE PREPARATION, VEGETATIVE REMOVAL, AND CONSTRUCTION OF STRUCTURAL FILL DETAILED IN THE PROJECT SOILS INVESTIGATION REPORT. ALL FILL SHALL COMPLY WITH GEOTECHNICAL SOILS REPORT REQUIREMENTS, OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER IN THE FIELD.

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE WIND-BORN DUST CONTROL PER BERNALILLO COUNTY REGULATIONS.

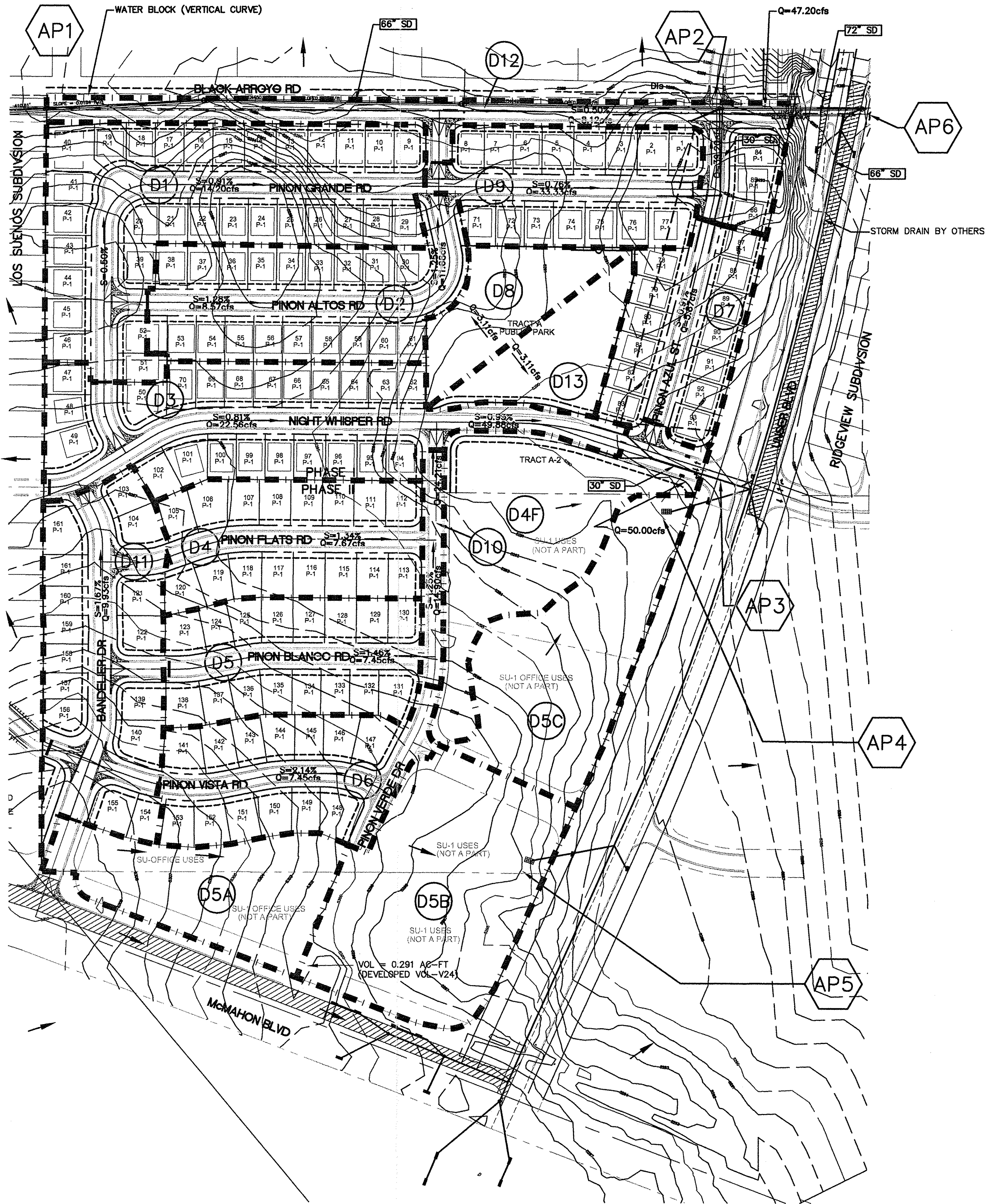
- LEGEND**
- TO=88.43 PROPOSED TOP OF CURB ELEVATION
 - 99.0 PROPOSED SPOT ELEVATION
 - 09.0 EXISTING SPOT ELEVATION (GRND & TC)
 - PROPOSED CONCRETE VALLEY GUTTER
 - TEMPORARY PAVING
 - PROPOSED CURB & GUTTER
 - FUTURE UNSE BLVD (BY OTHERS)
 - EXISTING CONTOUR W/ INDEX ELEVATION
 - FLOW ARROW
 - STORM DRAIN WITH MANHOLE & INLETS
 - PROPOSED STORM DRAIN
 - PROPOSED STORM SEWER CATCH BASIN
 - PROPOSED WATER BLOCK
 - BASIN BOUNDARY
 - SUB BASIN BOUNDARY
 - PHASE LINE
 - RETAINING WALL

3. CONTRACTOR MUST OBTAIN TOP SOIL DISTURBANCE PERMIT PRIOR TO MASS GRADING OPERATION.
4. INDIVIDUAL LOT DRAINAGE MUST BE DIRECTED TO DESIGNATED DRAINAGE FACILITIES OR TO THE PUBLIC STREET. NO DRAINAGE IS ALLOWED TO TRANSVERSE FROM ONE PRIVATE LOT TO ANOTHER EXCEPT AS NOTED ON THE GRADING PLAN VIA PRIVATE DRAINAGE EASEMENTS.
5. ALL SIDE AND REAR YARDS MUST BE GRADED IN ACCORDANCE WITH SECTION TYPICAL LOT DETAILS.
6. EROSION CONTROL BERMS ARE TO REMAIN IN PLACE ON INDIVIDUAL LOTS UNTIL FINAL GRADING FOR HOUSE CONSTRUCTION.

DATE: 11/2001		SCALE: 1" = 50'	
JOB NO.: N291-33-130		LAND PLANNING	
DESIGNED BY: [Signature]		CHECKED BY: [Signature]	
DRAWN BY: [Signature]		DATE: 12/2001	
PROJECT NO.: N291-33-130		SHEET 7 OF 32	
TITLE: RIDGEVIEW VILLAGE SUBDIVISION ULTIMATE GRADING AND DRAINAGE PLAN		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS STATION	DATE	NO.	DATE	NO.	DATE
DATE: 11/2001	DATE: 11/2001	NAD 1927 NMSP C	DATE: 11/2001	1	DATE: 11/2001	1	DATE: 11/2001
INSPECTOR	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001
VERIFICATION BY	DATE	VERIFICATION BY	DATE	VERIFICATION BY	DATE	VERIFICATION BY	DATE
DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001
CONVEYANCE BY	DATE	CONVEYANCE BY	DATE	CONVEYANCE BY	DATE	CONVEYANCE BY	DATE
DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001	DATE: 11/2001
COMB SCALE FACTOR = 0.9996079		COMB SCALE FACTOR = 0.9996079		COMB SCALE FACTOR = 0.9996079		COMB SCALE FACTOR = 0.9996079	
ELEV. (NAD 1929) 5456.92 (2ND ORD.)		ELEV. (NAD 1929) 5456.92 (2ND ORD.)		ELEV. (NAD 1929) 5456.92 (2ND ORD.)		ELEV. (NAD 1929) 5456.92 (2ND ORD.)	

6830.81



NOTES:
1. SEE DETAILED ULTIMATE GRADING AND DRAINAGE PLANS FOR DETAILED LOT GRADING

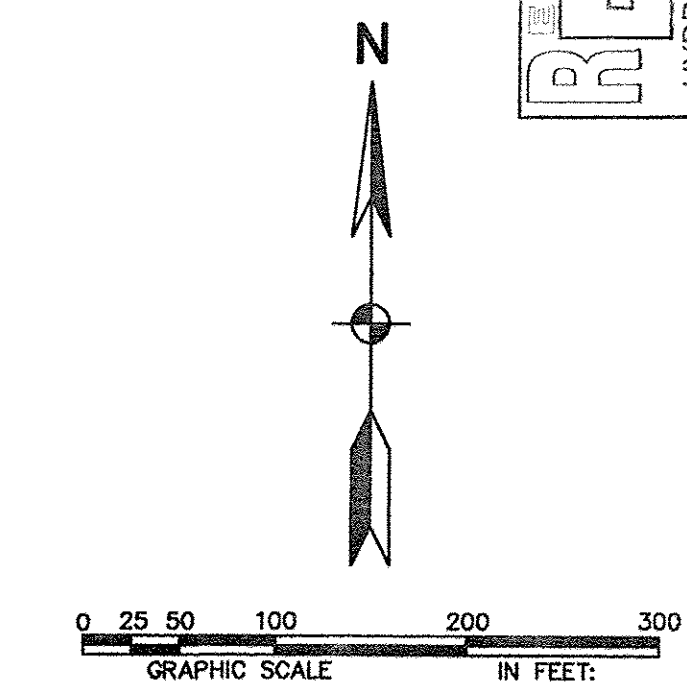
PINION HEIGHTS BASINS								
BASIN	AREA SQ. FT.	AREA SQ. MI.	%A	%B	%C	%D	Q ₁₀₀ cfs*	V ₁₀₀ AC FT.*
D1	176583.63	0.0063	0	22	22	56	14.20	0.490
D2	106178.20	0.0038	0	22	22	56	8.57	0.296
D3	156155.07	0.0056	0	22	22	56	12.63	0.436
D4	94324.51	0.0034	0	22	22	56	7.67	0.265
D5	92014.23	0.0033	0	22	22	56	7.45	0.257
* D5A	79891.04	0.0029	0	0	10	90	7.85	0.289
* D5B	141442.59	0.0051	0	0	10	90	13.79	0.508
* D5C	106256.15	0.0038	0	0	10	90	10.28	0.379
D6	93018.37	0.0033	0	22	22	56	7.45	0.257
D7	73435.30	0.0026	0	22	22	56	5.87	0.202
D8	44891.32	0.0016	0	0	90	10	3.11	0.093
D9	93156.83	0.0033	0	22	22	56	7.45	0.257
D10	15472.91	0.0006	0	0	10	90	1.64	0.060
D11	124478.45	0.0044	0	22	22	56	9.93	0.343
D12	82842.34	0.0030	0	0	10	90	8.12	0.299
D13	44091.25	0.0016	0	0	90	10	3.11	0.093
* D4F	113528.00	0.0041	0	0	10	90	11.09	0.409
D TOTAL	1113800.07	0.0430	-	-	-	-	97.02	3.348

* NOT PART OF RIDGEVIEW VILLAGE SUBDIVISION DRAINAGE SOLUTION

ANALYSIS POINTS			
POINT	DESCRIPTION	Q ₁₀₀ cfs	V ₁₀₀ AC FT.
AP1	DEVELOPED OUTFLOW FROM DUNLOP/ LOS SUEÑOS TO BLACK DAM	334.00*	-
AP2	DEVELOPED OUTFLOW FROM RIDGEVIEW VILLAGE TO BLACK ROAD	47.02	1.431
AP3	DEVELOPED OUTFLOW FROM RIDGEVIEW VILLAGE TO UNSER	50.00	1.917
AP4	DEVELOPED OUTFLOW FROM COMMERCIAL TO UNSER	21.37	0.788
AP5	DEVELOPED OUTFLOW FROM COMMERCIAL TO UNSER	13.79	0.508
AP6	TOTAL DEVELOPED FLOWS ALONG BLACK ARROYO	384.56*	-

*PER B.H.I. DRAINAGE REPORT
**PER LOS SUEÑOS (TIERRA WEST) DRAINAGE REPORT

- LEGEND
- 30" SD EXISTING STORM DRAIN
 - 30" SD PROPOSED STORM DRAIN
 - WATER BLOCK
 - PROPOSED CONCRETE VALLEY GUTTER
 - PROPOSED CURB & GUTTER
 - PROPOSED STORM SEWER CATCH BASIN
 - PROPOSED MANHOLE
 - FLOW ARROW
 - 18 BLOCK INFORMATION
 - DA3 BASIN BOUNDARY
 - DA3 DEVELOPED BASIN ID



DATE 11/2001
SCALE 1" = 100'
JOB NO. N291-33-130

Community Sciences Corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87046

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: RIDGEVIEW VILLAGE SUBDIVISION
ULTIMATE DRAINAGE BASIN MAP/
STORM DRAIN MASTER PLAN

Design Review Committee	City Engineer Approval	No./Day/Yr.	No./Day/Yr.

PROJECT NO. N291-33-130 MAP NO. A-11-Z SHEET OF 1

REGISTERED
DEC 1 8 2001
HYDROLOGY SECTION

ENGINEER'S SEAL
LATE C. LOSACK
NEW MEXICO
14925
REGISTERED PROFESSIONAL ENGINEER
12/17/01

NO.	DATE	REVISIONS	BY
1	12/2001	DESIGN	
	12/2001		
	12/2001		