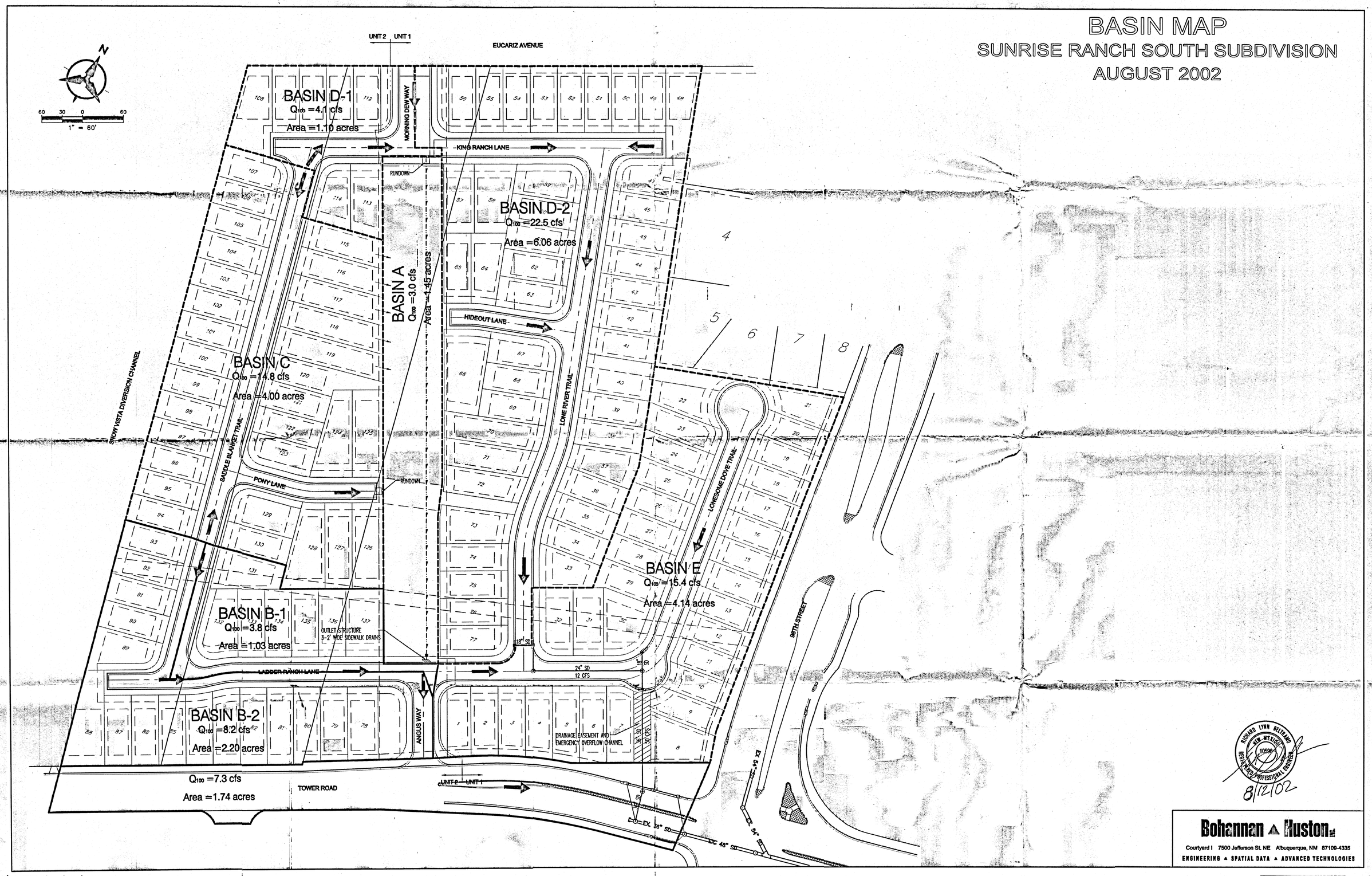
BASIN MAP
SUNRISE RANCH SOUTH SUBDIVISION
AUGUST 2002



RICHARD LYNN BOHANNAN
NEW MEXICO
10596
REGISTERED PROFESSIONAL ENGINEER
8/12/02

Bohannan ▲ Huston INC

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

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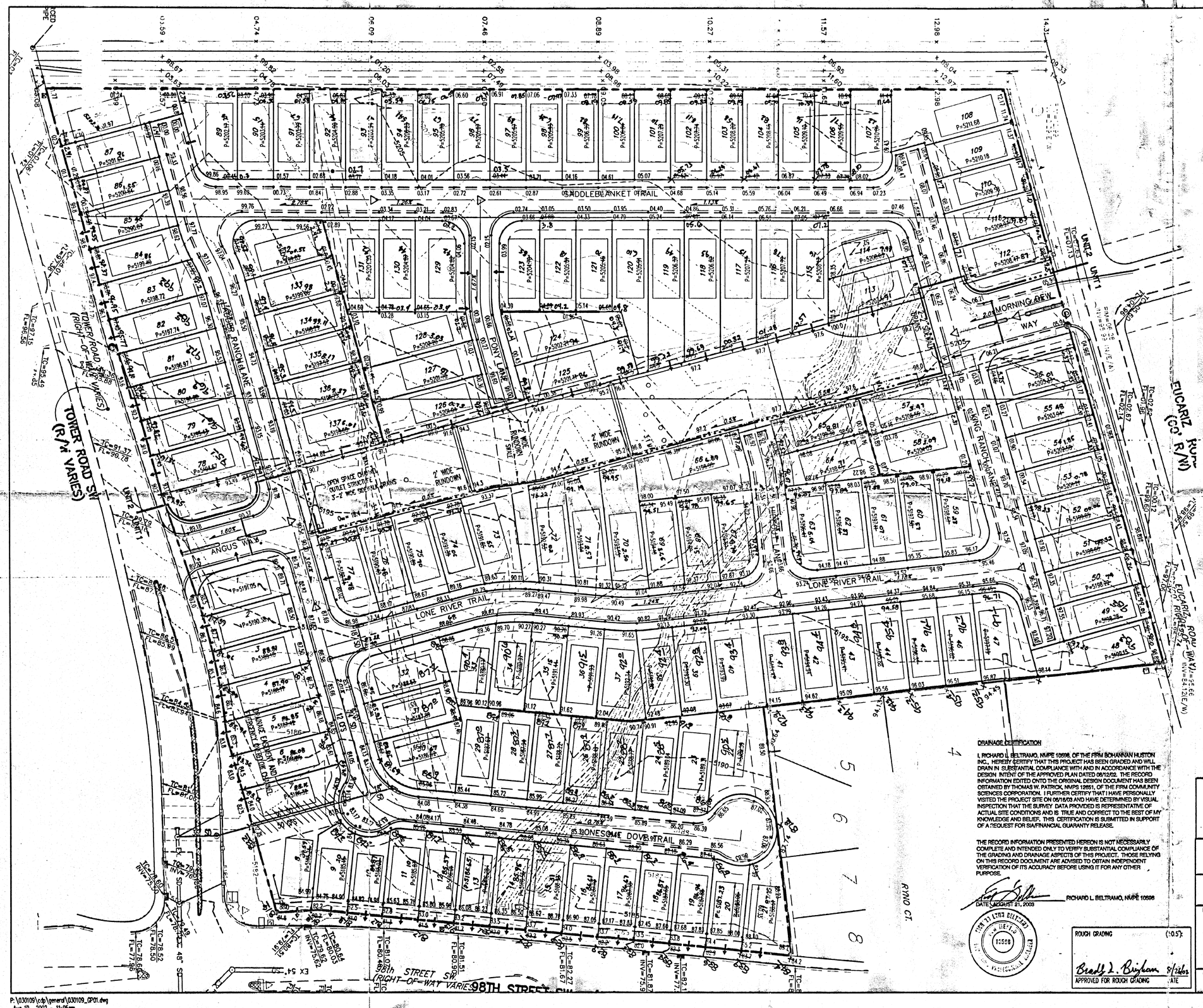
RECEIVED
AUG 19 2002
HYDROLOGY SECTION



GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.

2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT PREPARED BY _____, DATED __/__/__

3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

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7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.

N

50 25 0 50

1"=50'

LEGEND

• 91.62	PROPOSED SPOT ELEVATION
× 92.46	EXISTING SPOT ELEVATION (GRND & TC)
	EXISTING CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
5470	EXISTING CONTOUR W/ INDEX ELEVATION
	FLOW ARROW
	PROPOSED RETAINING WALL
	PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
	PROPOSED SLOPE
	PROPOSED STORM DRAIN
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	PROPOSED CATTLE GUARD INLET
	WALL DRAIN

DRAINAGE CERTIFICATION

I, RICHARD L. BELTRAMO, NMPE 10598, OF THE FIRM BOHANNAN HUSTON 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 08/12/02. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY THOMAS W. PATRICK, NMPS 12651, OF THE FIRM COMMUNITY SCIENCES CORPORATION. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 08/18/03 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 SIA/FINANCIAL GUARANTY RELEASE.

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.

DATE AUGUST 21, 2003 — RICHARD L. BELTRAMO, NMPE 10598

RICHARD L. BELTRAMO NEW MEXICO 10598 PROFESSIONAL ENGINEER

ROUGH GRADING (10.0.5)

Brad L. Brisham 8/21/03

APPROVED FOR ROUGH GRADING DATE

Bohannan ▲ Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SUNRISE RANCH SOUTH
GRADING PLAN

RECEIVED AUG 21 2003 DEVELOPMENT & BUILDING SERVICES

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
	L-9	1	2

AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

A.C.S. BRASS CAP STAMPED "7-L9"
Near southwest corner Tower Rd SW & 98th SW
GEOGRAPHIC POSITION (NAD 1927), in feet
N.M. State Plane Coordinates (Central Zone)
X= 352,978.14 Y= 1,478,346.71
NGVD 1929 Elevation= 5175.73, in feet

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: SJS	DATE: 07/15/02	
Drawn By: DM	DATE: 07/15/02	
Checked By: SJS	DATE: 07/15/02	

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Aug 19, 2002 - 11:05am

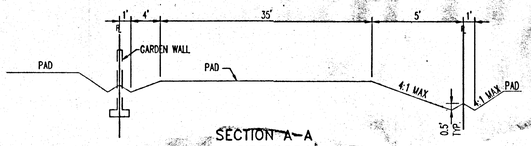
DFB APPROVED 8-21-03

NOTE:

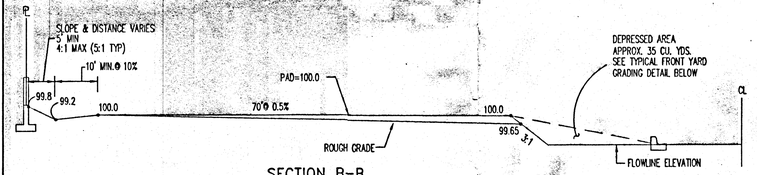
1. CONTRACTOR IS TO MASS GRADE ROADS TO 2' BEYOND FUTURE CURB. EXCESS FROM DRY UTILITY TRENCH IS TO BE USED TO BACK FILL BEHIND CURB.

2. FRONT YARD ARE TO BE GRADED AS SHOWN ON THIS DETAIL FOR FINAL GRADING AND CERTIFICATION THIS DETAIL TO BE COORDINATED WITH.

3. HOME BUILDER TO BRING FRONT YARD TO ULTIMATE FRONT YARD GRADES AFTER HOME CONSTRUCTION IS COMPLETED. SEE ULTIMATE FRONT YARD GRADING DETAIL ON THIS SHEET.

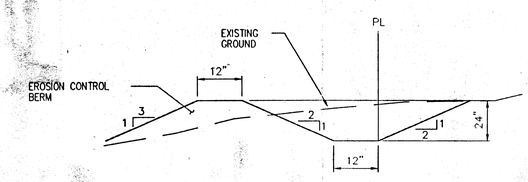


SECTION A–A
TYPICAL SIDEYARD SWALE
N.T.S.



SECTION B–B
NO SCALE

TYPICAL LOT GRADING DETAILS
NO SCALE



EROSION CONTROL BERM

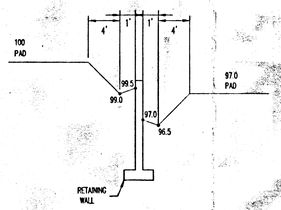
1. TO PREVENT EROSION FROM THE SITE, DURING GRADING & CONSTRUCTION OPERATIONS, A BERM OF THE ABOVE DIMENSIONS SHALL BE MAINTAINED ON THE WEST WEST BOUNDARY OF THE SITE.

2. WIND EROSION SHALL BE PREVENTED BY MAINTAINING AN ADEQUATELY MOISTENED SITE.

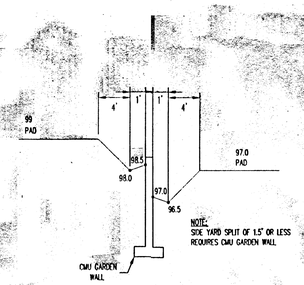
3. AFTER CONSTRUCTION ALL SURFACES WILL BE PAVED OR LANDSCAPED TO PREVENT EROSION.

4. CONTRACTOR MUST OBTAIN A TOP SOIL DISTURBANCE PERMIT FROM ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.

EROSION CONTROL PLAN
NO SCALE

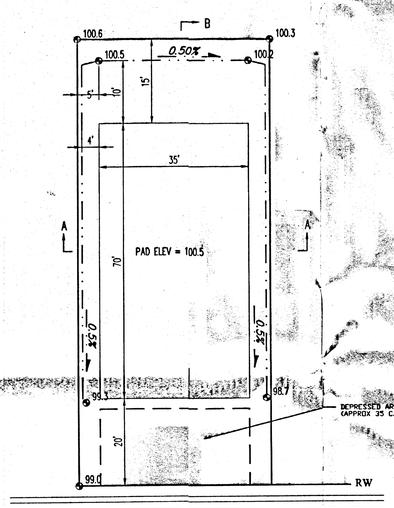


SIDE YARD RETAINING WALL DETAIL
N.T.S.

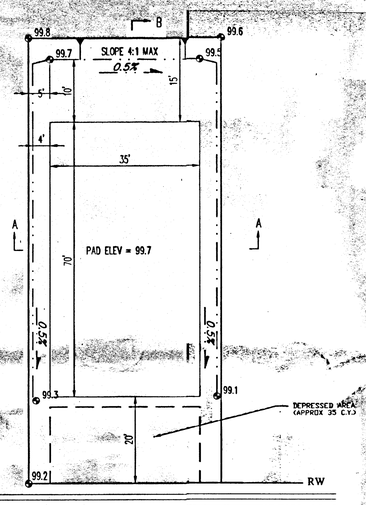


NOTE:
SIDE YARD SPLIT OF 1.5' OR LESS REQUIRES CMU GARDEN WALL

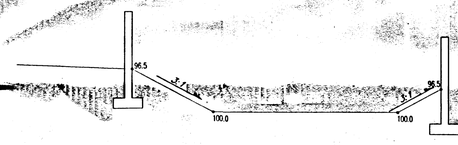
SIDE YARD GARDEN WALL DETAIL
N.T.S.



TYPICAL HIGH SIDE LOT GRADE DETAIL



TYPICAL LOW SIDE LOT GRADE DETAIL



TYPICAL PARK
SECTION DETAIL
N.T.S.

ROUGH GRADING (±0.5'):

APPROVED FOR ROUGH GRADING DATE

AS-BUILT INFORMATION

CONTRACTOR	DATE
STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

AXIS BRASS CAP STAMPED "7-L9"
Near southwest corner Tower Rd SW & 98th SW
GEOGRAPHIC POSITION (NAD 1927), in feet -
N.M. State Plane Coordinates (Central Zone)
X= 352,978.14 Y= 1,478,346.71
NGVD 1929 Elevation= 5175.73, in feet

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD LYNN BERRYMAN
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8-9-02

No.	Date	REMARKS	By
		REVISIONS	

DESIGN

Designed By: SJS DATE: 07/15/02
Drawn By: DM DATE: 07/15/02
Checked By: SJS DATE: 07/15/02

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SUNRISE RANCH SOUTH
GRADING DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
COA #	L9	2	2

RECEIVED
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HYDROLOGY SECTION

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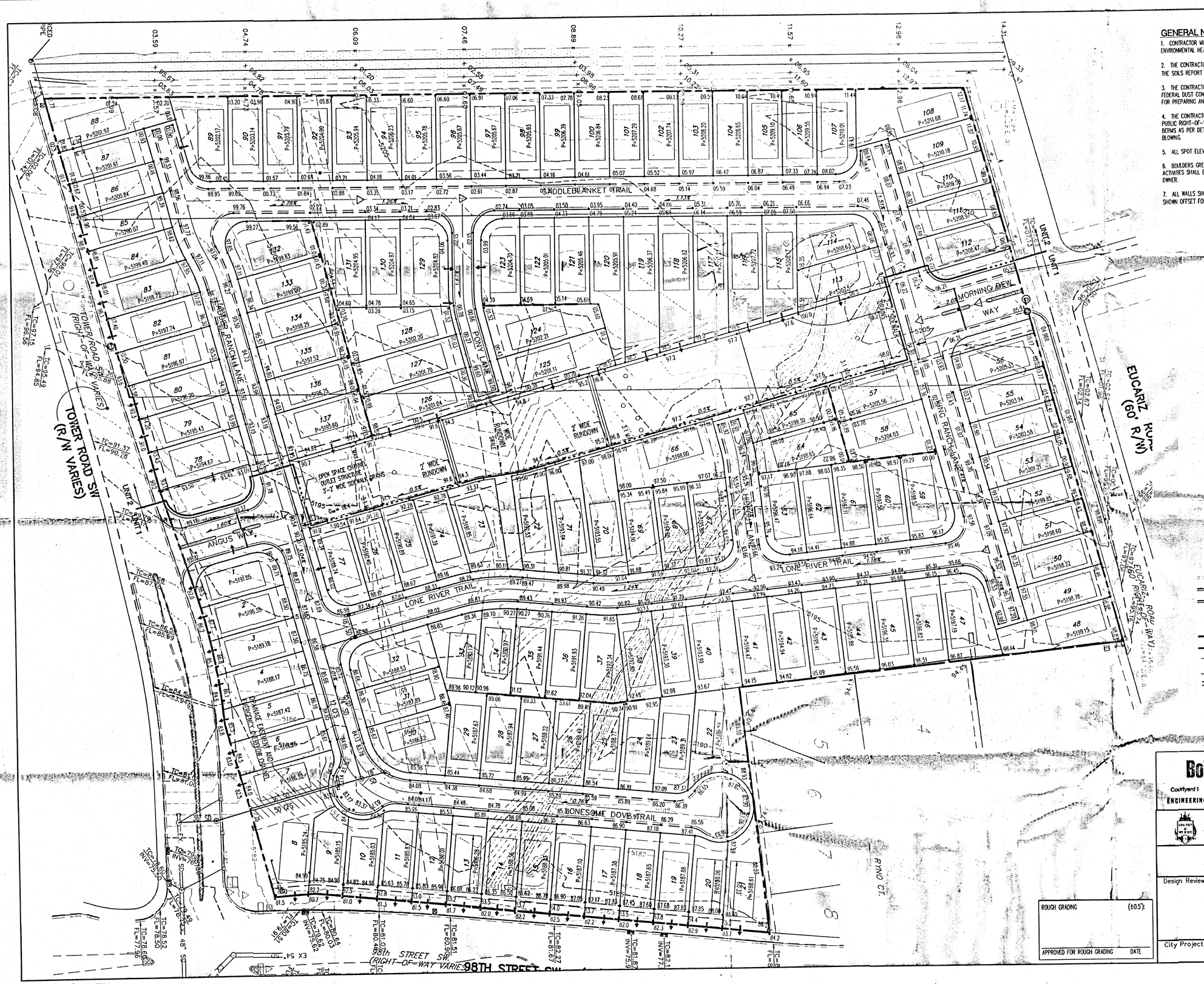

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Bohannan ▲ Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: SJS DATE: 07/15/02
Drawn By: DMS DATE: 07/15/02
Checked By: SJS DATE: 07/15/02

ENGINEER'S SEAL

RICHARD LYNN BEITH NEW MEXICO 8-12-02

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS BRASS CAP STAMPED "7-19"
Near southwest corner Tower Rd SW & 98th SW
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CONTRACTOR	
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FIELD VERIFICATION BY	
DRAWINGS CORRECTED BY	

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SUNRISE RANCH SOUTH
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
	L-9	1	2

ROUGH GRADING (±0.5')

APPROVED FOR ROUGH GRADING DATE

RECEIVED AUG 19 2002 HYDROLOGY SECTION

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