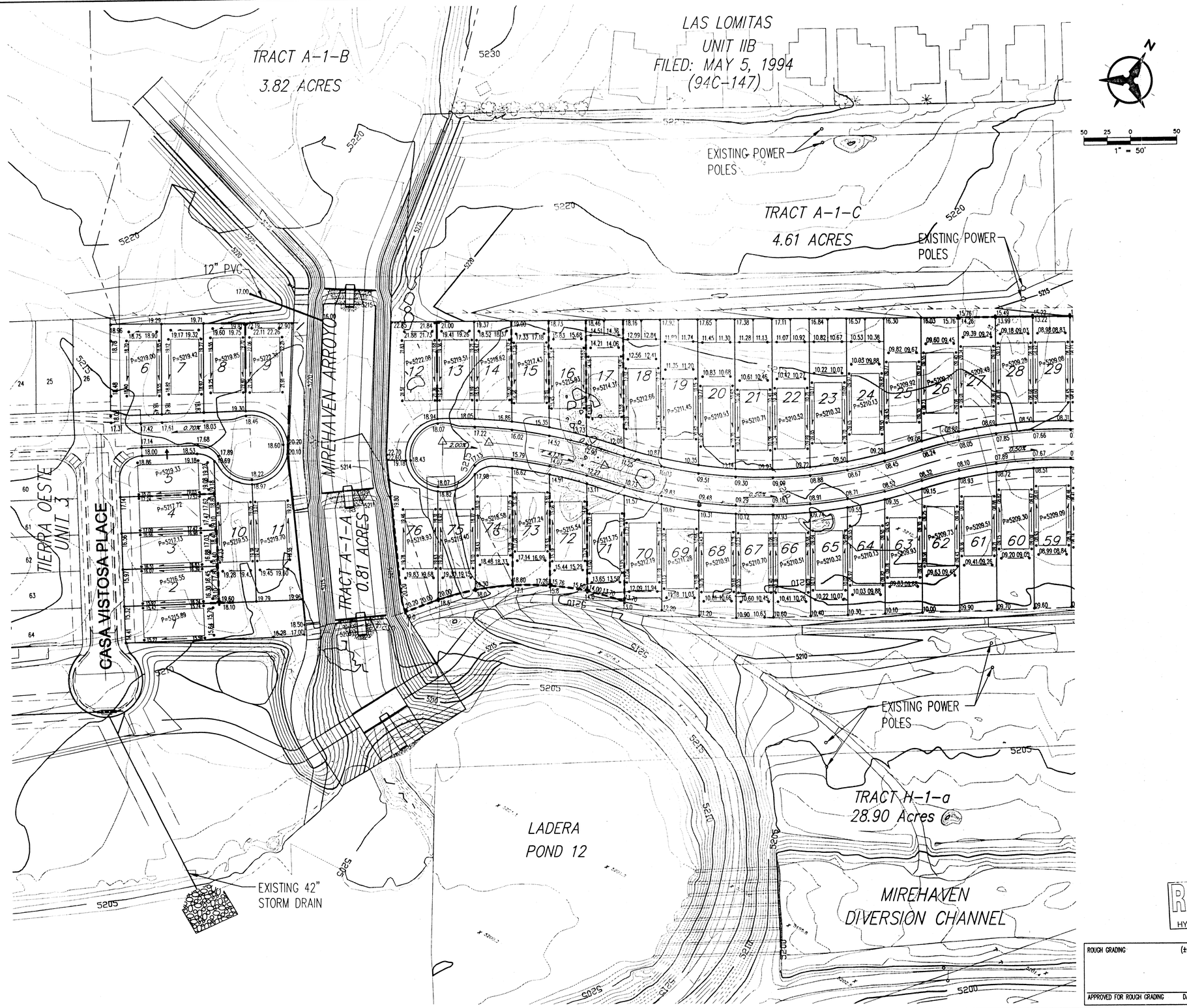

GENERAL NOTES

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

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5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.

6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

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

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

NOTES:

1) LOTS 46-51 REAR YARD PONDING. SEE TYPICAL DETAIL SHEET 3.

ROUGH GRADING	(±0.5'):
APPROVED FOR ROUGH GRADING	DATE

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

RECEIVED JUN 03 2002 HYDROLOGY SECTION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

City Project No.	Zone Map No.	Sheet	Of
COA #	H9/J9	1	3

AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
INSPECTOR'S AS-BUILTS GIVEN BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS BRASS CAP STAMPED "J-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,889.72 Y= 1,493,922.98
Ground-to-Grid Factor= 0.99967504
alt = -0016'31"
NGVD 1929 Elevation= 5193.38

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

Steven J. Sanchez
New Mexico
14654
4-02
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: SJS DATE: 05/01/02
Drawn By: LSM DATE: 05/01/02
Checked By: SJS DATE: 05/01/02

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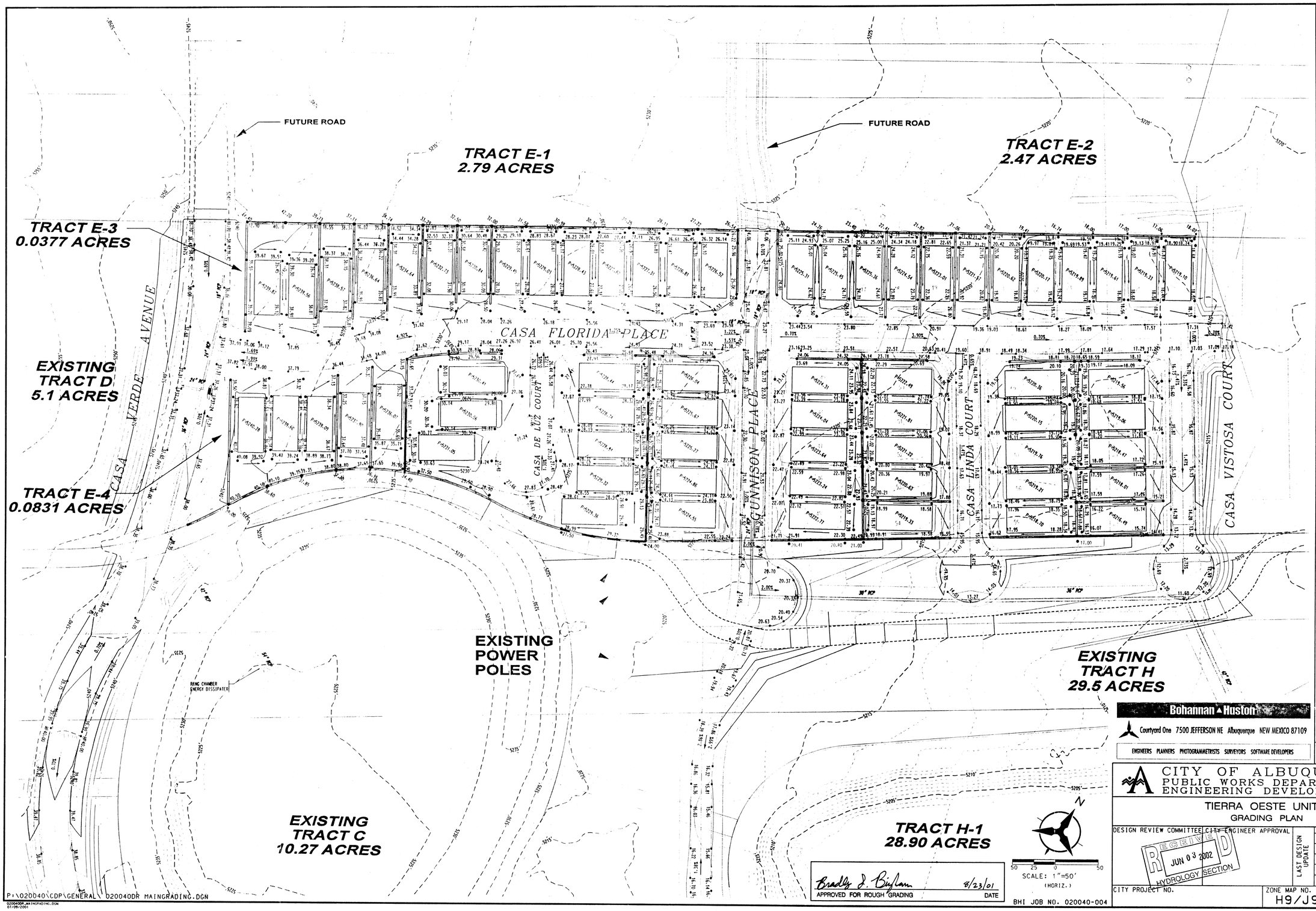

AS-BUILT INFORMATION

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

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=352,790.66 Y=1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
DELTA ALPHA = -000EG 16 MIN 59 SEC
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

KEVIN G. PATTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8-10-01

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY YP DATE 07/2001
DRAWN BY RKL DATE 07/2001
CHECKED BY KP DATE 07/2001

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIERRA OESTE UNIT 3
GRADING PLAN

DESIGN REVIEW COMMITTEE — CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.
RECEIVED JUN 03 2002 HYDROLOGY SECTION
LAST DESIGN UPDATE

CITY PROJECT NO. — ZONE MAP NO. H9/J9 — SHEET 1 OF 3

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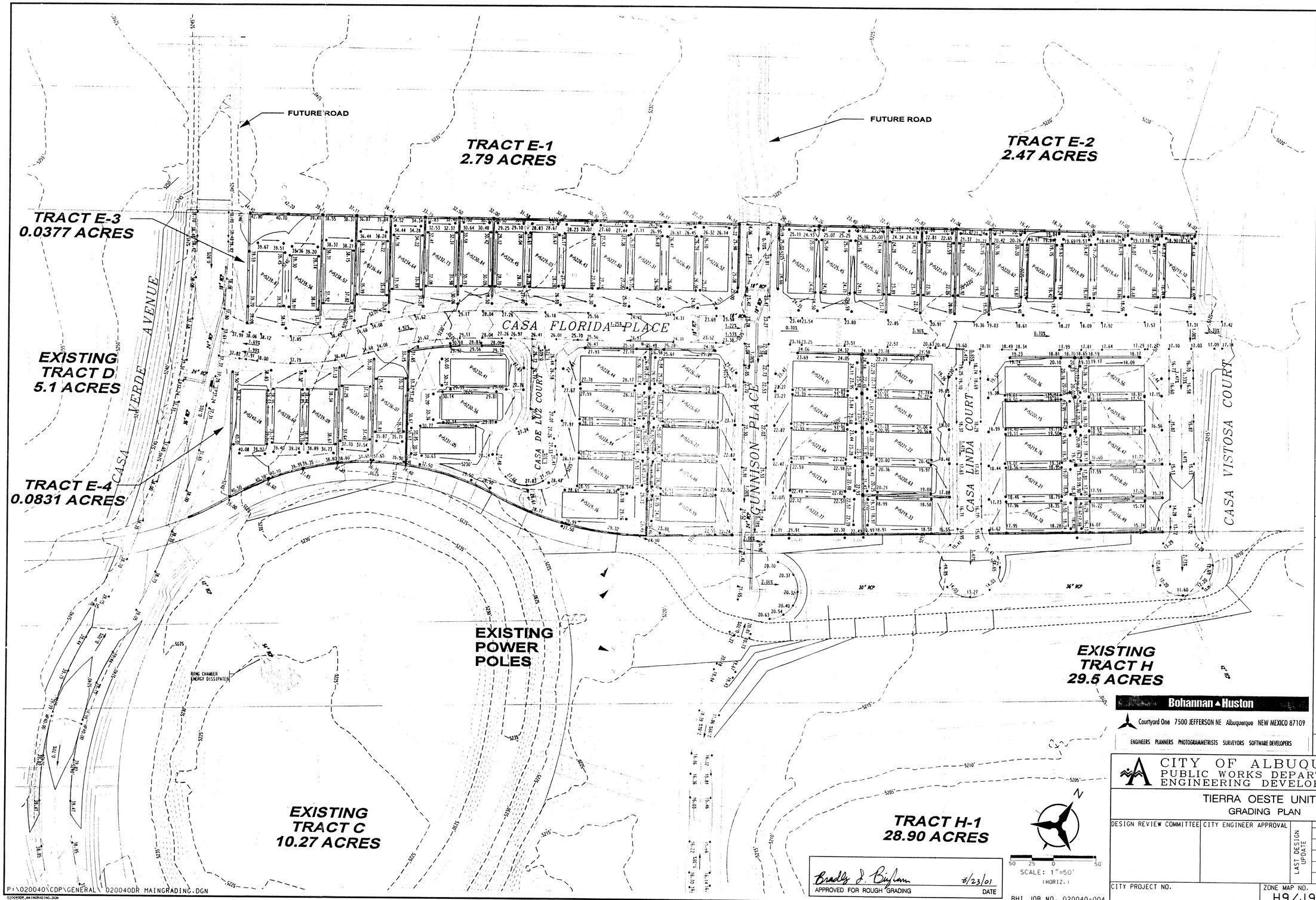
07/09/2001



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020040DR_MAINGRADING.DGN
07/09/2001

Bradly J. Bjelam 8/23/01
APPROVED FOR ROUGH GRADING DATE

BHI JOB NO. 020040-004

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIERRA OESTE UNIT 3
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
	H9/J9	1	3

RECEIVED
AUG 06 2002
PWD/DESIGN REVIEW

AS-BUILT INFORMATION

CONTRACTOR	
STAKED BY	
INSPECTOR'S FIELD TAKE BY	DATE
VERIFICATION BY	DATE
CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
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GROUND TO GRID FACTOR = 0.99967105
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NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

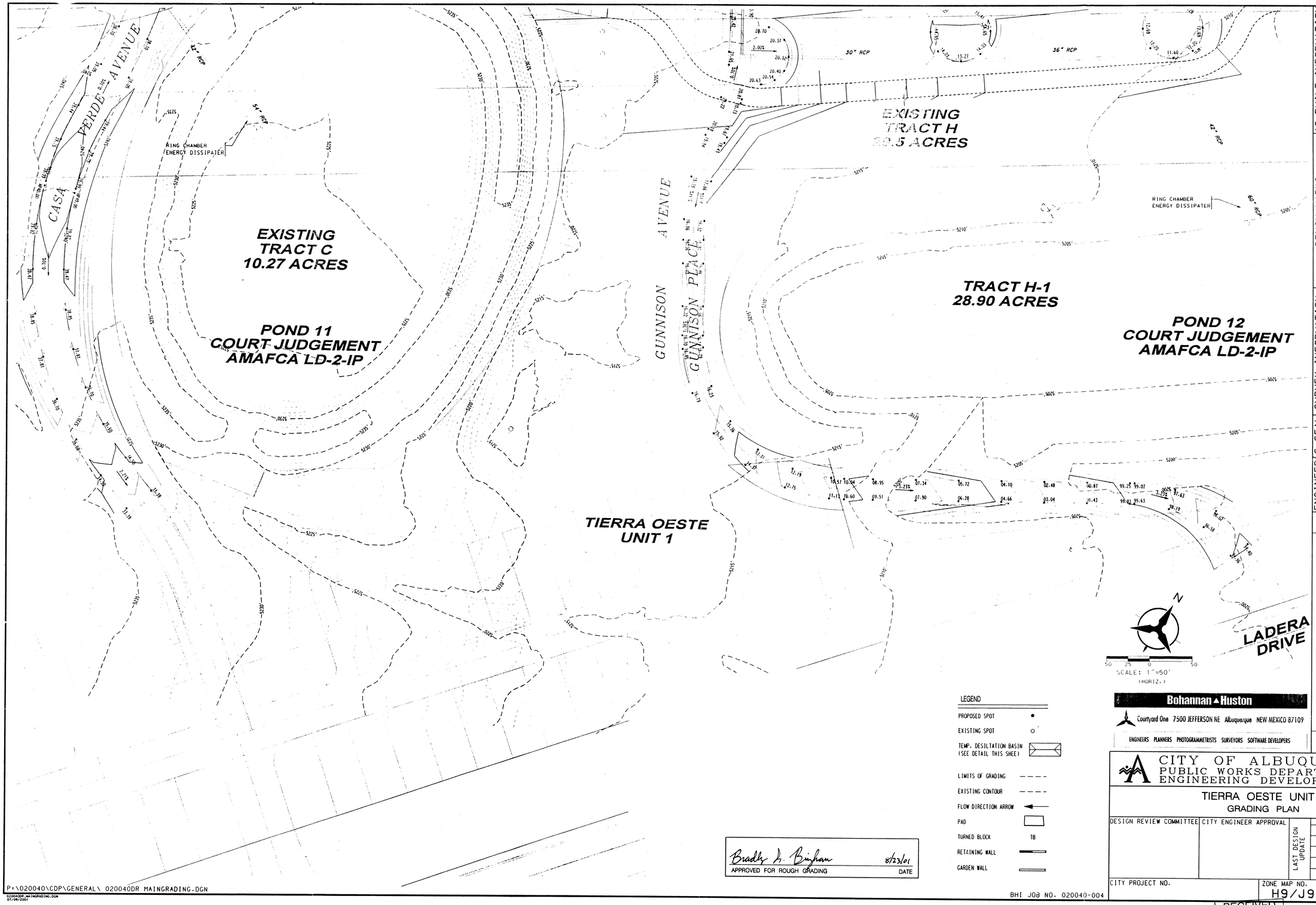
ENGINEER'S SEAL

KEVIN G. PATTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8-10-01

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	YP	07/2001
DRAWN BY	RKL	07/2001
CHECKED BY	KP	07/2001



LEGEND

PROPOSED SPOT	●
EXISTING SPOT	○
TEMP. DESILTATION BASIN (SEE DETAIL THIS SHEET)	
LIMITS OF GRADING	- - - -
EXISTING CONTOUR	- - - -
FLOW DIRECTION ARROW	←
PAD	
TURNED BLOCK	TB
RETAINING WALL	
GARDEN WALL	

Bradley L. Bingham 8/23/01
APPROVED FOR ROUGH GRADING DATE

P:\020040\CDP\GENERAL\ 020040DR MAINGRADING.DGN

020040DR MAINGRADING.DGN
07/06/2001

BHI JOB NO. 020040-004

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

KEVIN G. PATTON
STATE OF NEW MEXICO
PROFESSIONAL ENGINEER
8-10-01

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	YP	07/2001
DRAWN BY	RKL	07/2001
CHECKED BY	KP	07/2001

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

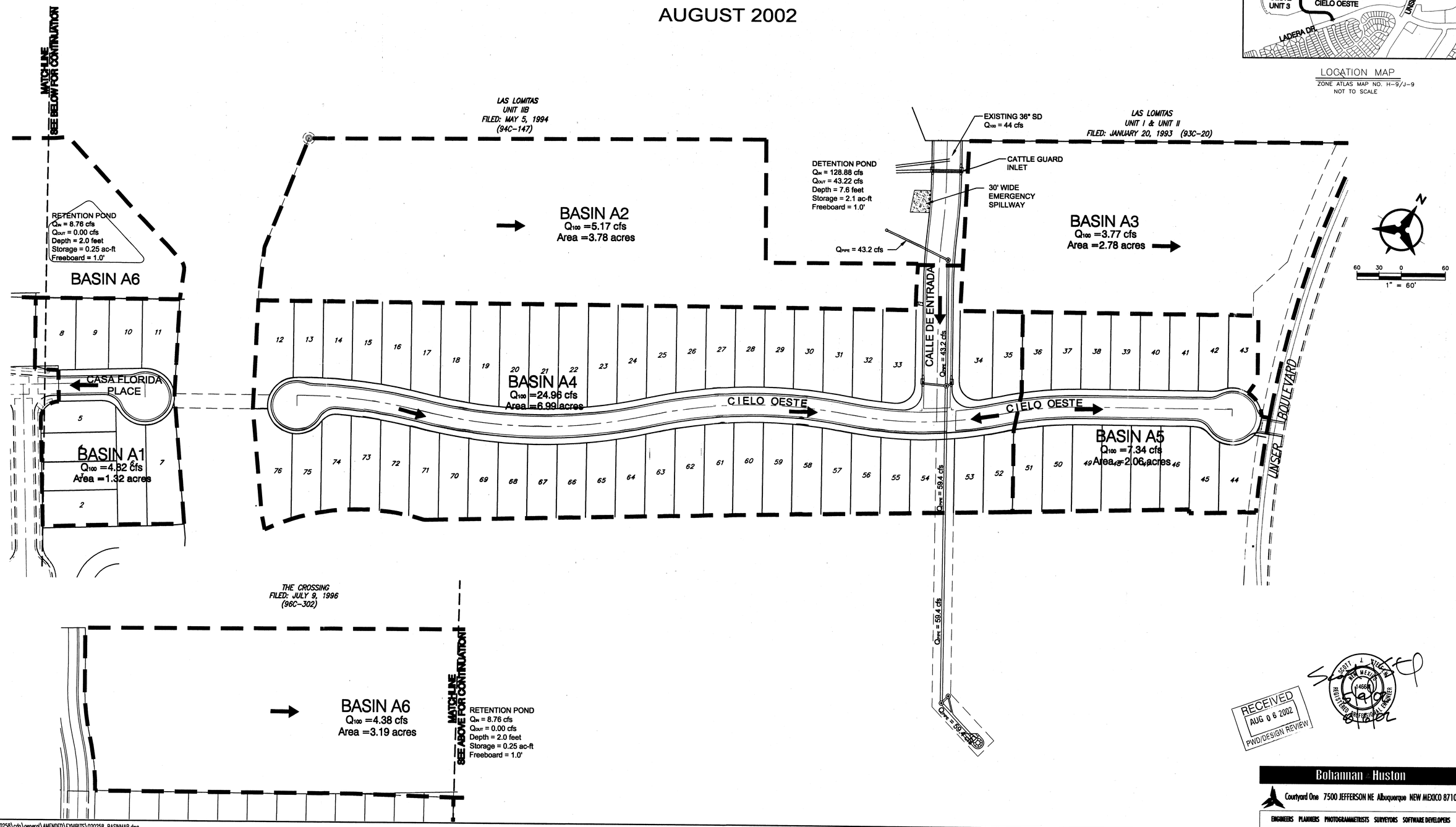
TIERRA OESTE UNIT 3
GRADING PLAN

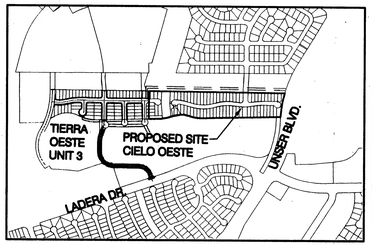
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
	H9/J9	2	3

RECEIVED
AUG 06 2002
PWD/DESIGN REVIEW

BASIN MAP
CIELO OESTE
TRACTS A-1 & H-1 OF TIERRA OESTE UNIT 3
AUGUST 2002





LOCATION MAP
ZONE ATLAS MAP NO. H-9/J-9
NOT TO SCALE

RECEIVED
AUG 0 6 2002
PWD/DESIGN REVIEW

SCOTT T. TILLEY
NEW MEXICO
14668
REGISTERED PROFESSIONAL ENGINEER

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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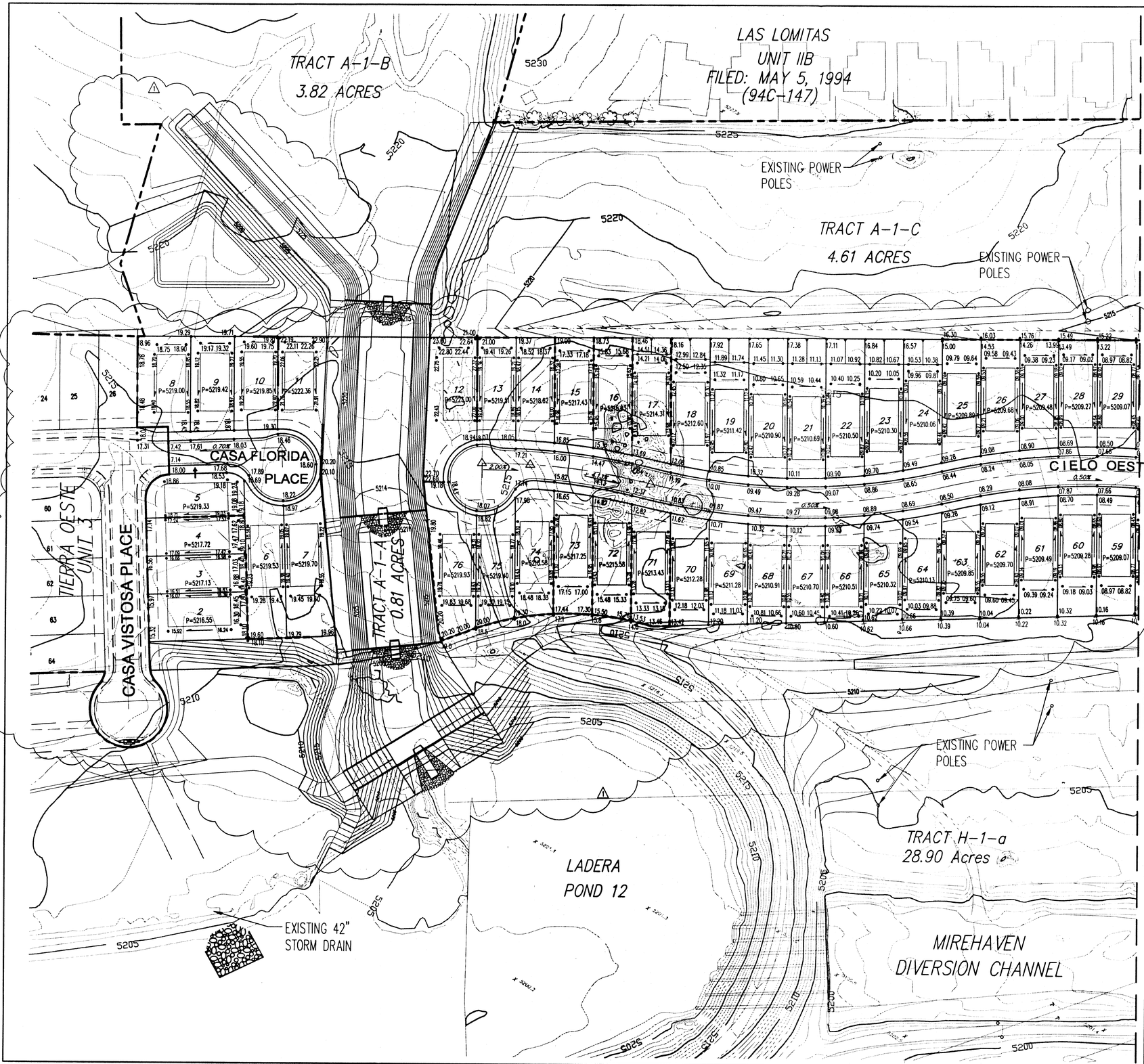

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- × 92.46 — EXISTING SPOT ELEVATION (GRND & TC)
- EXISTING CURB & GUTTER
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- EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
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- PROPOSED GARDEN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

ROUGH GRADING	(±0.5'):
APPROVED FOR ROUGH GRADING	DATE

Bohannan Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

No.	Date	REMARKS	By
1	08/02	REVISED LAYOUT; ADD POND	SJS

REVISIONS

DESIGN

Designed By: SJS DATE: 08/06/02
Drawn By: DTH DATE: 08/06/02
Checked By: SJS DATE: 08/06/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

City Project No. 691581 | Zone Map No. H9/J9 | Sheet 1 Of 3

RECEIVED AUG 06 2002 PLANNING REVIEW

AS-BUILT INFORMATION

		DATE
CONTRACTOR		
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 "3-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,889.72 Y= 1,493,922.98
Ground-to-Grid Factor= 0.99967504
α1 = -00°16'31"
NGVD 1929 Elevation= 5193.38

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

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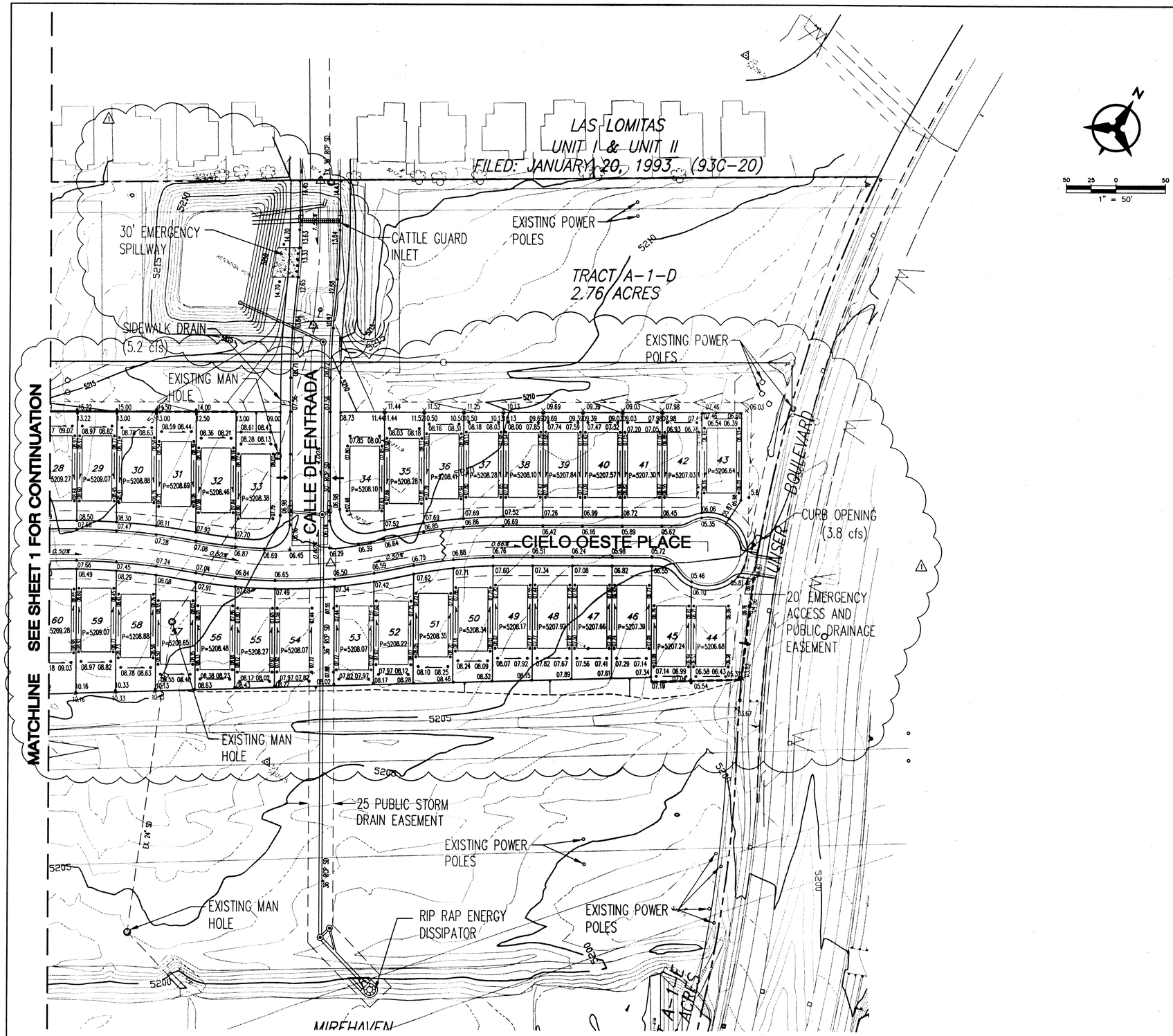

50 25 0 50
1" = 50'

GENERAL NOTES

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- × 92.46 — EXISTING SPOT ELEVATION (GRND & TC)
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- EXISTING CONTOUR W/ INDEX ELEVATION
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- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED CATTLE GUARD INLET
- WALL DRAIN

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS BRASS CAP STAMPED "7-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,889.72 Y= 1,493,972.98
Ground-to-Grid Factor= 0.99967504
ωA = -00°16'31"
NGVD 1929 Elevation= 5193.38

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
SANDRA J. SANCHEZ
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8/6/02

No.	Date	REMARKS	By
	08/02	REVISED LAYOUT, ADD POND	SJS
		REVISIONS	
		DESIGN	

Designed By: SJS — DATE: 08/06/02
Drawn By: DTH — DATE: 08/06/02
Checked By: SJS — DATE: 08/06/02

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

ROUGH GRADING (±0.5')
APPROVED FOR ROUGH GRADING DATE

City Project No. 691581 | Zone Map No. B9/J9 | Sheet 2 Of 3

RECEIVED
AUG 06 2002
PWD, DESIGN REVIEW

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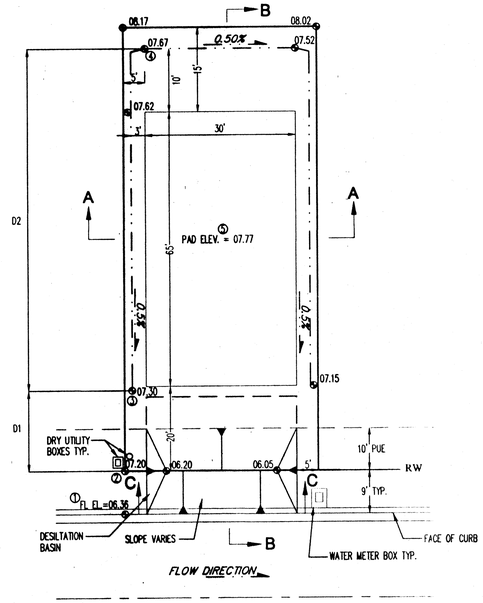
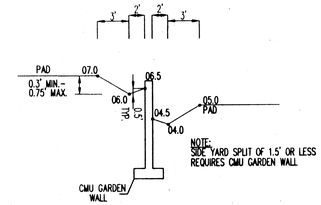


TYPICAL LOT GRADE DETAIL WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL

NOT TO SCALE

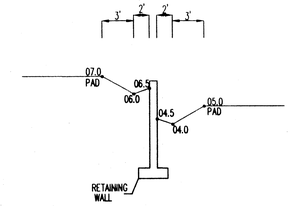
TO SET SPOT② - ADD 0.84' TO SPOT①
TO SET SPOT③ - MULTIPLY D1 BY 0.5% AND ADD TO SPOT②
TO SET SPOT④ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT③
TO SET SPOT⑤ - ADD 0.1' TO SPOT④

BOTTOM OF BASIN IS 1' BELOW PROPERTY LINE ELEVATION.
SEE GRADING PLANS FOR EXACT ELEVATIONS.
CONTRACTOR SHALL CONSTRUCT TEMPORARY DESILTATION BASIN AT EACH LOT.



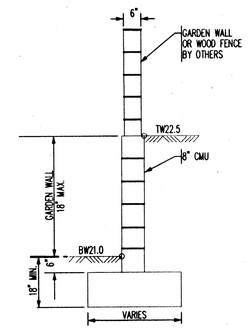
SIDE YARD GARDEN WALL DETAIL

NOT TO SCALE



SIDE YARD RETAINING WALL DETAIL

NOT TO SCALE

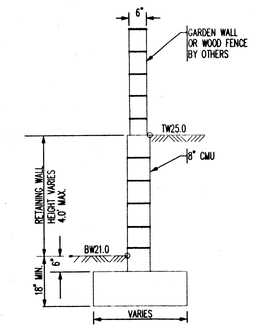


TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL GARDEN WALL NOMENCLATURE

NOT TO SCALE

(RETAINING HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL.)

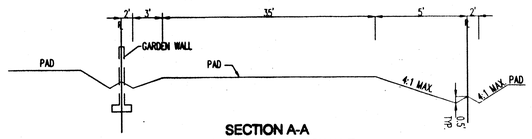


TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL RETAINING WALL NOMENCLATURE

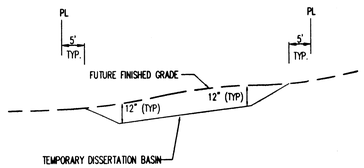
NOT TO SCALE

(RETAINING HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL.)



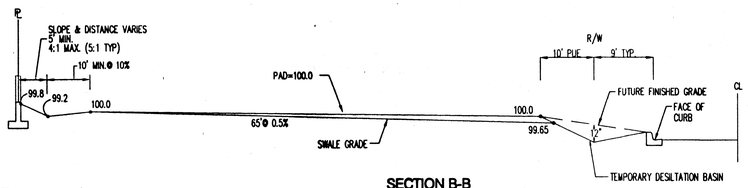
SECTION A-A
TYPICAL SIDE YARD SWALE

NOT TO SCALE



SECTION C-C

NOT TO SCALE



SECTION B-B

NOT TO SCALE

NOTE:

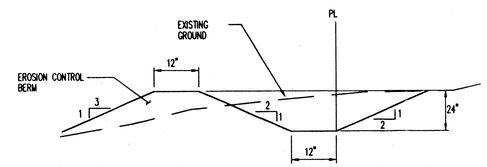
1. CONTRACTOR IS TO MASS GRADE ROADS TO 2' BEYOND FUTURE CURB. EXCESS FROM DRY UTILITY TRENCH IS TO BE USED TO BACK FILL BEHIND CURB.

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.

TYPICAL LOT GRADING DETAILS

NOT TO 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

NOT TO SCALE

ROUGH GRADING (±0.5'):

APPROVED FOR ROUGH GRADING DATE

AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE

NO.

BENCH MARKS

ACS BRASS CAP STAMPED "3-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,889.72 Y= 1,493,972.98
Ground-to-Grid Factor= 0.9996750
α1 = -00°16'31"
NGVD 1929 Elevation= 5193.38

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

SCOTT D. SCHUMACHER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
14831
8-6-02

No.	Date	REMARKS	By

REVISIONS

DESIGN

Designed By: SJS DATE: 08/06/02
Drawn By: DTH DATE: 08/06/02
Checked By: SJS DATE: 08/06/02

Bohannan ▲ Huston

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
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
691581	H9/J9	3	3

RECEIVED
AUG 06 2002
PWD/DESIGN REVIEW

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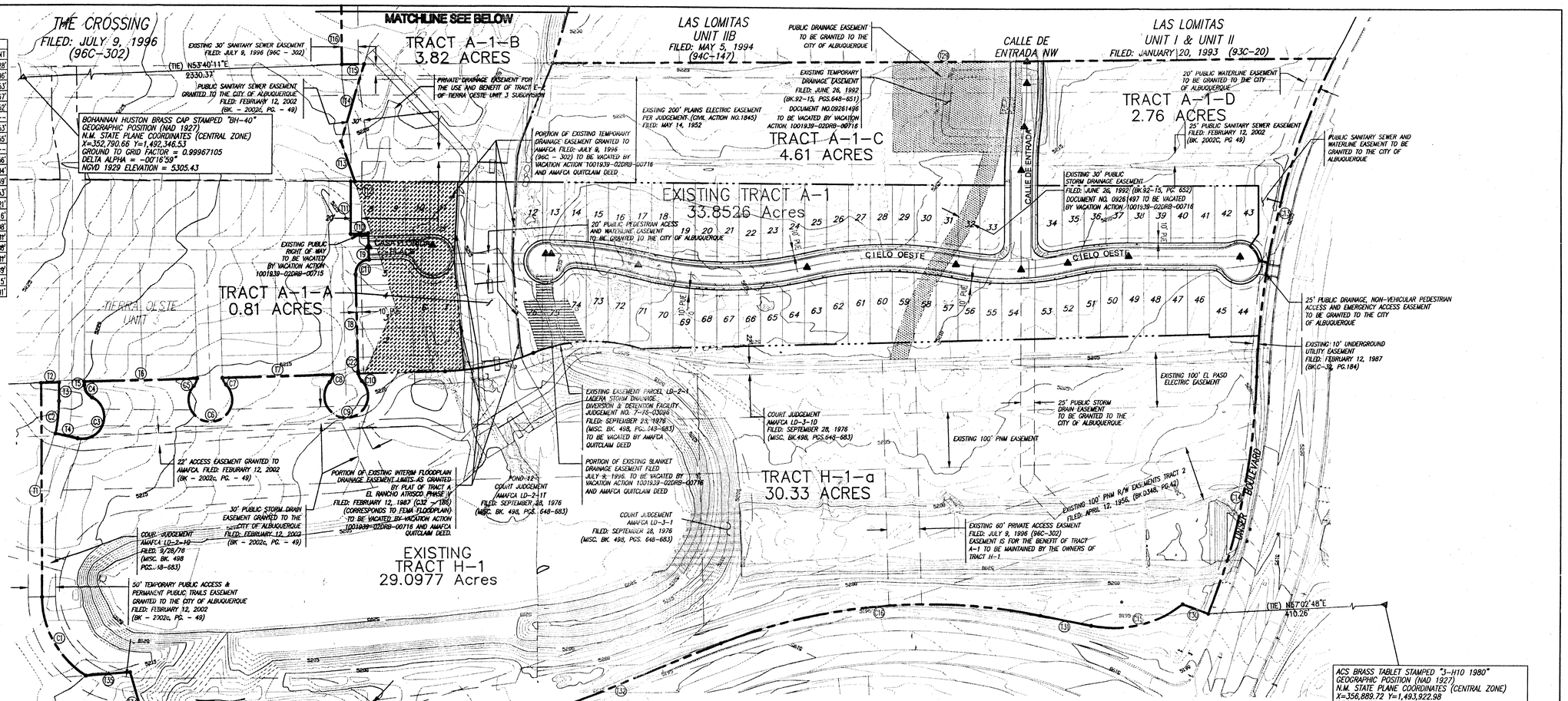
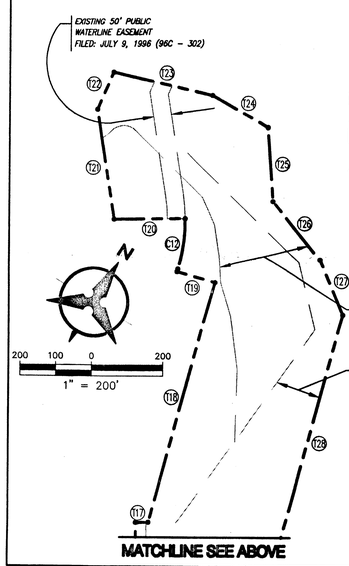
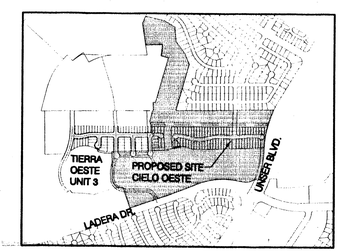
August 06, 2002 - 08:31 AM
Layout1

Tangent Table		
ID	BEARING	LENGTH
T1	N32°05'33"W	395.52'
T2	N56°43'01"E	33.00'
T3	S31°28'55"E	34.56'
T4	N70°51'56"E	41.50'
T5	N31°28'55"W	6.53'
T6	N56°43'01"E	207.32'
T7	N56°43'01"E	201.81'
T8	N33°21'41"W	179.97'
T9	N33°16'07"W	50.00'
T10	S56°43'53"W	31.82'
T11	N31°28'55"W	94.04'
T12	N58°31'03"E	7.14'
T13	N50°00'47"W	79.72'
T14	N15°46'23"W	152.21'
T15	S57°54'25"W	40.66'
T16	N32°05'35"W	122.13'
T17	N57°54'25"E	35.35'
T18	N15°51'19"W	680.39'
T19	S74°08'41"W	110.00'
T20	S57°47'50"W	198.73'
T21	N40°14'59"W	315.85'
T22	N08°19'45"W	114.79'
T23	N71°44'43"E	284.25'
T24	N88°37'08"E	180.00'
T25	S35°36'34"E	210.34'
T26	S69°24'29"E	216.01'
T27	S53°49'09"E	168.93'
T28	S15°51'59"E	708.60'
T29	N57°54'25"E	1430.45'
T30	S79°29'21"W	50.00'
T31	S70°03'14"W	94.29'
T32	S35°47'30"W	407.19'
T33	S39°25'08"W	573.06'
T34	N48°00'34"W	111.00'
T35	S53°21'54"W	80.91'
~~T36~~	~~N56°43'01"E~~	~~158.56'~~
~~T37~~	~~N37°15'08"E~~	~~9.99'~~
~~T38~~	~~N48°38'04"W~~	~~95.99'~~
~~T39~~	~~N56°43'01"E~~	~~25.00'~~
~~T40~~	~~N33°16'59"W~~	~~45.00'~~
~~T41~~	~~N56°43'01"E~~	~~30.00'~~
~~T42~~	~~S33°16'59"E~~	~~45.00'~~
~~T43~~	~~N56°43'01"E~~	~~25.00'~~
~~T44~~	~~S56°51'00"E~~	~~84.52'~~
~~T45~~	~~N56°47'29"E~~	~~908.60'~~
~~T46~~	~~S25°56'20"E~~	~~46.61'~~
T47	N53°21'54"W	135.94'

Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	176.83'	180.00'	56°17'07"	96.28'
C2	59.69'	277.00'	12°20'50"	29.96'
C3	116.25'	40.00'	166°31'21"	338.53'
C4	28.00'	25.00'	64°10'30"	15.67'
C5	14.61'	25.00'	33°28'49"	7.52'
C6	184.86'	40.00'	264°47'56"	-------
C7	14.62'	25.00'	33°30'27"	7.53'
C8	14.67'	25.00'	33°37'29"	7.55'
C9	184.86'	40.00'	264°47'56"	-------
C10	14.68'	25.00'	33°39'06"	7.56'
C11	39.29'	24.96'	90°11'07"	25.04'
C12	157.79'	527.72'	17°07'55"	79.49'
C13	608.33'	1478.00'	23°34'56"	308.53'
C14	446.13'	1322.00'	19°20'07"	225.21'
C15	179.26'	200.00'	51°21'17"	96.16'
C16	593.80'	993.00'	34°15'44"	306.08'
~~C17~~	~~165.44'~~	~~463.58'~~	~~20°28'51"~~	~~83.61'~~
~~C18~~	~~108.45'~~	~~291.25'~~	~~21°20'05"~~	~~54.88'~~
~~C19~~	~~165.45'~~	~~463.58'~~	~~20°28'53"~~	~~83.61'~~
~~C20~~	~~429.26'~~	~~1272.00'~~	~~19°20'07"~~	~~216.89'~~
C21	66.28'	1047.00'	03°37'38"	33.15'
C22	3.82'	25.00'	08°44'52"	1.91'







LOCATION MAP
ZONE ATLAS MAP NO. H/J-9
NOT TO SCALE

100 50 0 100
1" = 100'

AMENDED PRELIMINARY PLAT

CIELO OESTE

TRACTS A-1 & H-1 OF TIERRA OESTE UNIT 3

ALBUQUERQUE, NEW MEXICO
AUGUST, 2002

GENERAL NOTES

1. EXISTING ZONING: R-D
   PROPOSED ZONING: R-D w/ USES PERMISSIVE IN R-T
   PROPOSED RESIDENTIAL DEVELOPMENT:
   SINGLE FAMILY DETACHED RESIDENTIAL

2. TRACT A-1 = 33.85 ACRES
   TRACT H-1 = 29.10 ACRES
   62.95 ACRES
   TRACT: A-1-A = 00.81 ACRES (TO BE DEDICATED TO AMAFCA IN FEE SIMPLE)
   A-1-B = 13.82 ACRES
   A-1-C = 04.61 ACRES
   A-1-D = 02.78 ACRES
   H-1-A = 30.33 ACRES
   GROSS ACREAGE = 10.60 ACRES
   STREET ROW = 02.34 ACRES
   NET ACREAGE = 08.26 ACRES
   TOTAL NUMBER OF LOTS: 75
   NUMBER OF TRACTS CREATED: 5
   PROPOSED DENSITY: 7.1 D.U./ACRE

3. MINIMUM LOT DIMENSION, LOTS 6-9, 45' X 95'
   MINIMUM LOT AREA, LOTS 6-9, 4275'
   MINIMUM LOT DIMENSION, REMAINING LOTS 40' X 100'
   MINIMUM LOT AREA, REMAINING LOTS, 4080'

4. ALL STREETS, UTILITIES AND DRAINAGE IMPROVEMENTS ARE TO BE PUBLIC, TO BE DEDICATED FOR MAINTENANCE TO THE CITY OF ALBUQUERQUE.

5. LOT SETBACKS SHALL CONFORM TO R-T ZONE REGULATIONS. REQUIRES SETBACKS SHALL INCLUDE:
   FRONT YARD: 20' TYP. (15' w/ 20' TO GARAGE MIN.)
   SIDE YARD: 5' MIN.
   BACK YARD: 15' MIN.

6. PORTION OF EXISTING BLANKET DRAINAGE EASEMENT ENCUMBERING TRACT A-1 TO BE VACATED BY VACATION ACTION AND AMAFCA QUITCLAIM DEED.

SURVEY NOTES:

1. UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS (●) SHALL BE MARKED BY A #5 REBAR STAMPED "WEAVER LS 6544".

2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT DESIGNATED CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS AND SHOWN THUS (⊕) WILL BE MARKED BY A FOUR (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE, CENTERLINE MONUMENTATION, DO NOT DISTURB, P.L.S. 6544".

3. THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.

4. BASIS OF BEARINGS WILL BE NEW MEXICO STATE PLANE GRID BEARINGS.

5. DISTANCES SHALL BE GROUND DISTANCES.

6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW THE USE OF CENTERLINE MONUMENTATION.

APPROVED FOR MONUMENTATION AND STREET NAMES

CITY SURVEYOR DATE 8-5-02

RECEIVED
AUG 06 2002
PWD/DESIGN REVIEW

OWNER

LEROY CHAVEZ, VICE-PRESIDENT OF DEVELOPMENT DATE 8/5/02
WESTLAND DEVELOPMENT COMPANY INC.

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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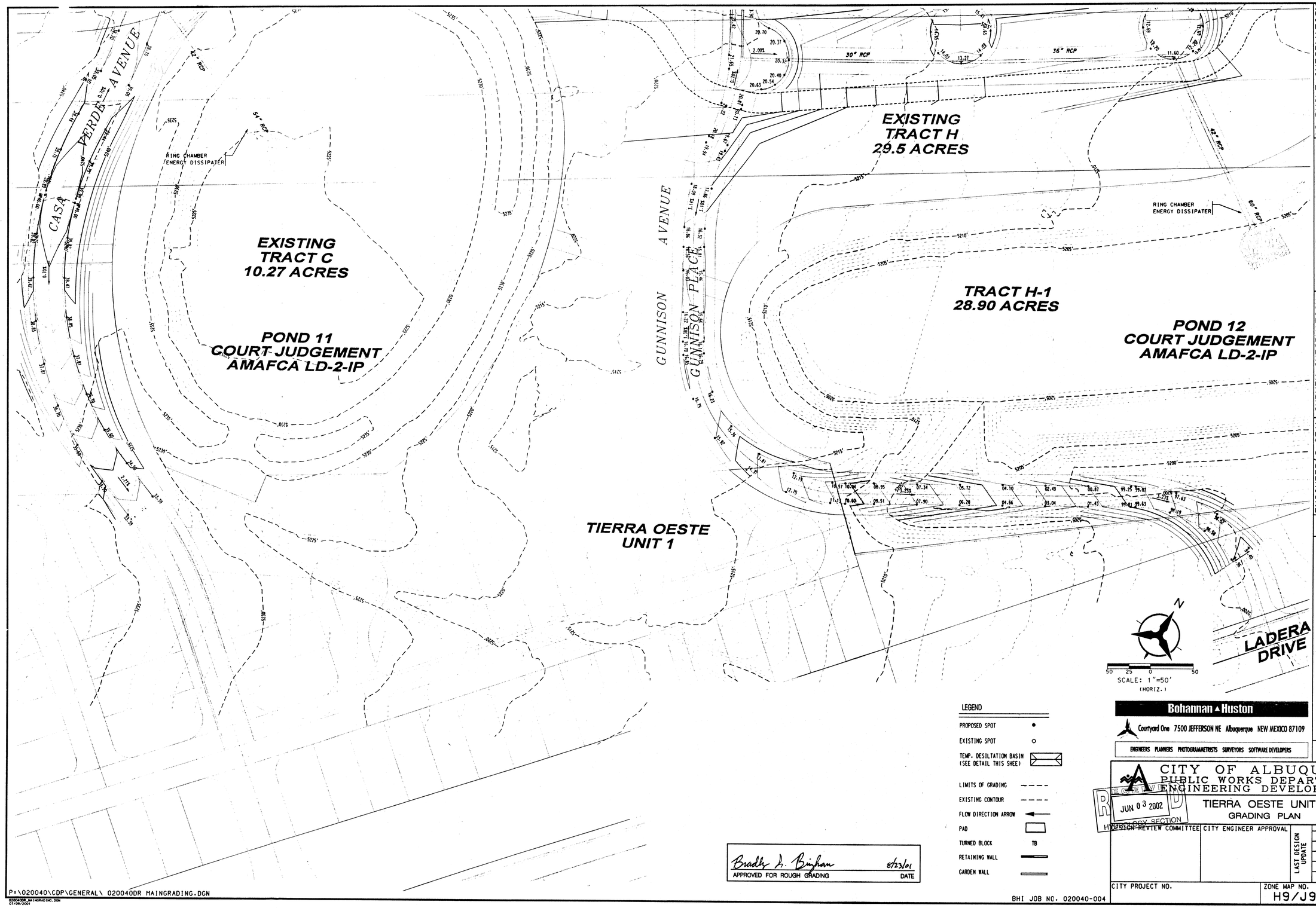
August 05, 2002 - 11:42 AM
Layout1



LEGEND

PROPOSED SPOT	●
EXISTING SPOT	○
TEMP. DESILTATION BASIN (SEE DETAIL THIS SHEE)	
LIMITS OF GRADING	
EXISTING CONTOUR	
FLOW DIRECTION ARROW	
PAD	
TURNED BLOCK	TB
RETAINING WALL	
GARDEN WALL	

Bradley L. Bingham 8/23/01
APPROVED FOR ROUGH GRADING DATE

BHI JOB NO. 020040-004

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020040DR_MAINGRADING.DGN
07/09/2001

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION

BENCH MARKS	
ACS ALUMINUM TABLET STAMPED "BH-40"	CONTRACTOR WORK STAKED BY
GEOGRAPHIC POSITION (NAD 1927)	INSPECTOR'S ACCEPTANCE BY — DATE
N.M. STATE PLANE COORD. (CENTRAL ZONE)	FIELD VERIFICATION BY — DATE
X=352,790.66 Y=1,492,346.53	DRAWINGS CORRECTED BY — DATE
GROUND TO GRID FACTOR = 0.99967105	MICRO-FILM INFORMATION
DELTA ALPHA = -00DEG 16 MIN 59 SEC	RECORDED BY — DATE
NGVD 1929 ELEVATION = 5305.43	NO.

ENGINEER'S SEAL

KEVIN G. PATTON NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 8-15-01

SEAL SURVEY INFORMATION FIELD NOTES

NO.	DATE	BY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	YP	07/2001
DRAWN BY	RKL	07/2001
CHECKED BY	KP	07/2001

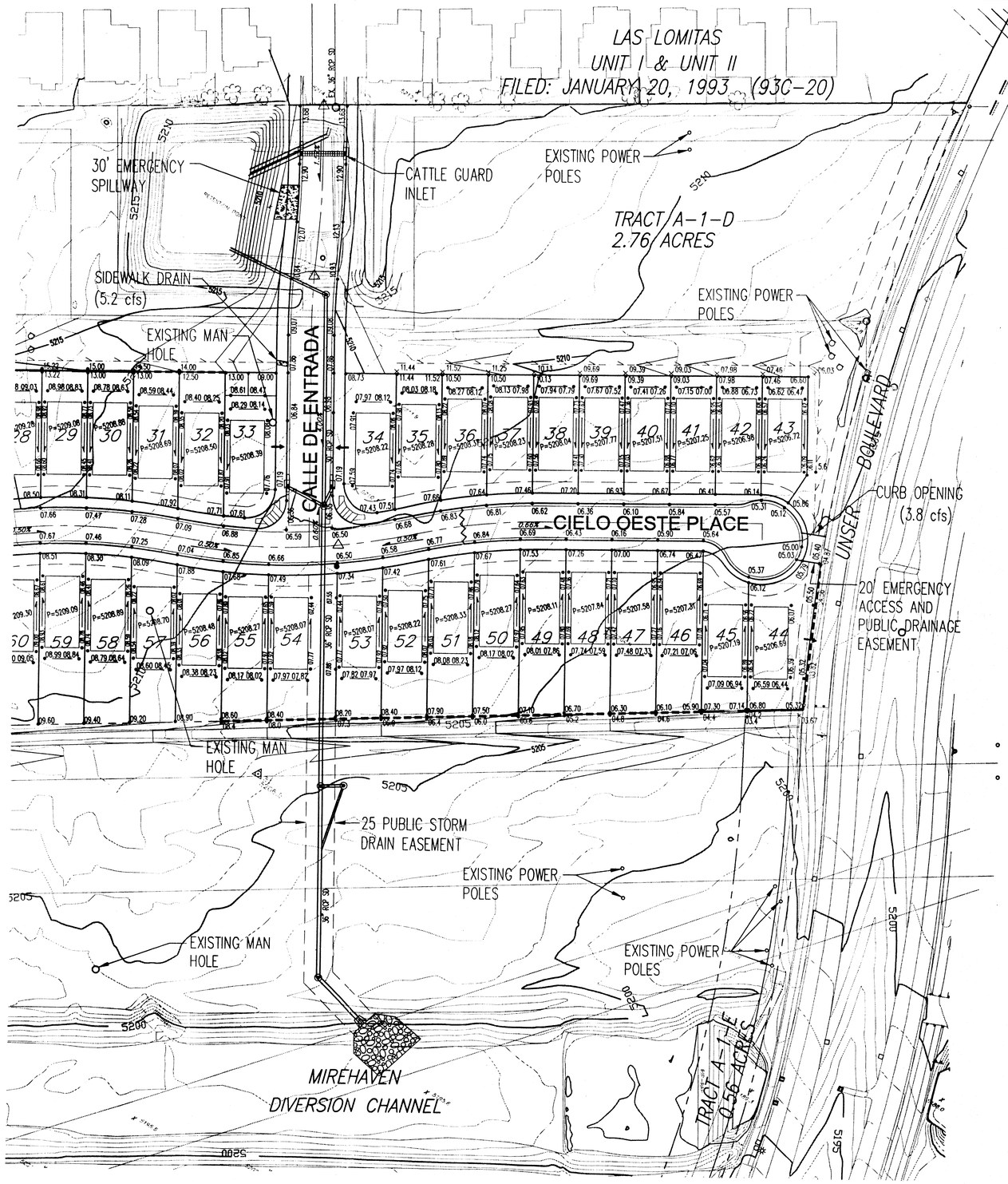
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

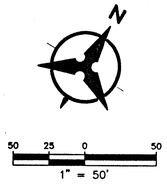
RECEIVED JUN 03 2002 HYDROLOGY SECTION

TIERRA OESTE UNIT 3
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
	H9/J9	2	3





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.

4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, SHEET __, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.

6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

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

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

NOTES:

1) LOTS 46-51 REAR YARD PONDING. SEE TYPICAL DETAIL SHEET 3.

ROUGH GRADING	(±0.5')
APPROVED FOR ROUGH GRADING	DATE

Bohannan Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

RECEIVED JUN 03 2002 HYDROLOGY SECTION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

City Project No.	Zone Map No.	Sheet	Of
COA #	H9/J9	2	3

AS-BUILT INFORMATION

	DATE
CONTRACTOR	
STAKED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS CAP STAMPED "3-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,889.72 Y= 1,493,922.98
Ground-to-Grid Factor= 0.99967504
φ = -00°16'31"
NGVD 1929 Elevation: 5183.38

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO 14402 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: SJS DATE: 05/01/02
Drawn By: LSM DATE: 05/01/02
Checked By: SJS DATE: 05/01/02

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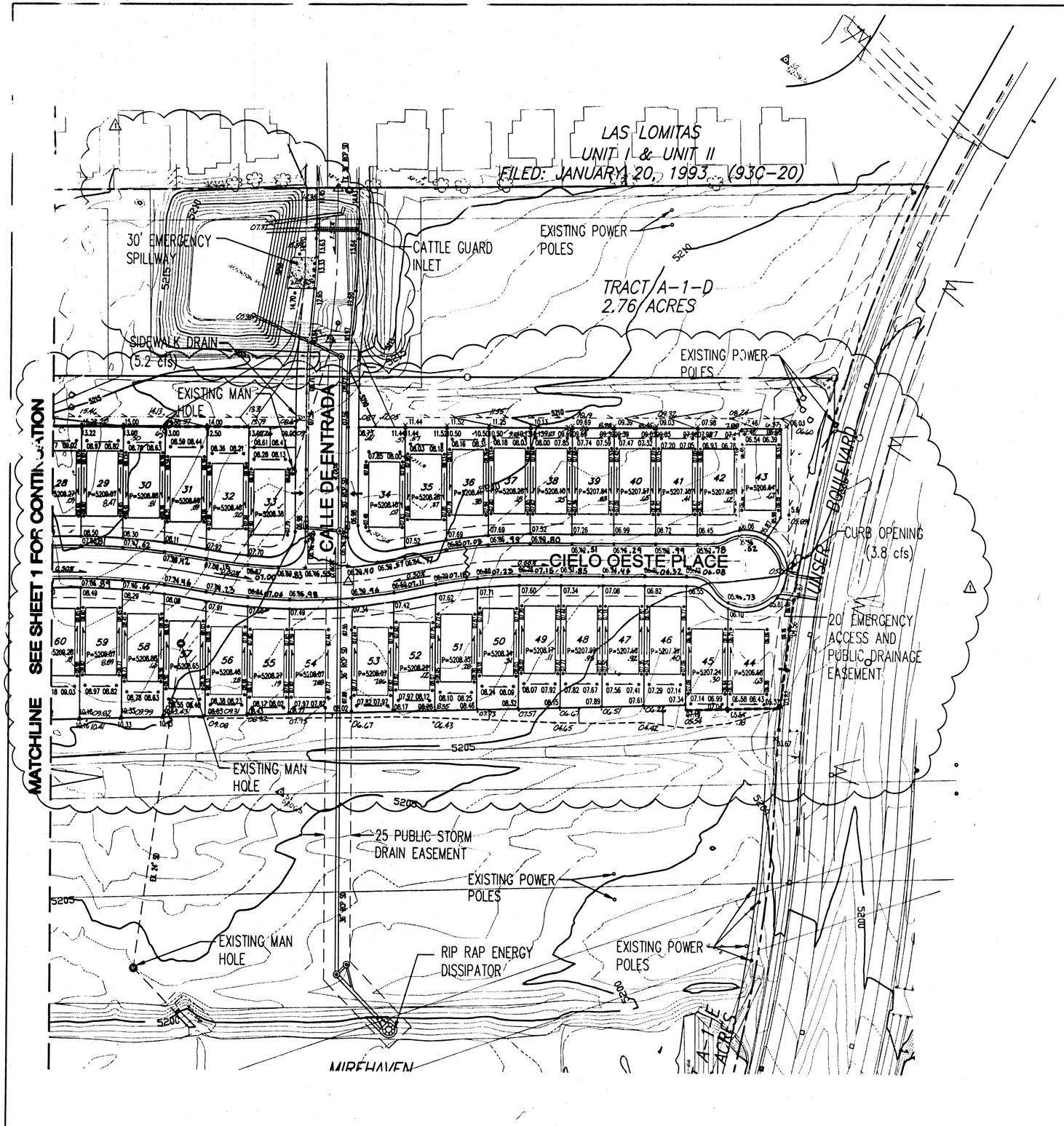

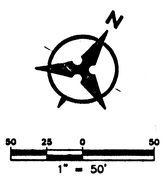

DRAINAGE CERTIFICATION

I, SCOTT J. STEFFEN, NMPE 14884, 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 8-06-02. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RUSTY HUGG, NMPS 9768, OF THE FIRM SURV-TEK. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7-28-03 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.

Scott J. Steffen 7/23/03
SCOTT J. STEFFEN, NMPE 14884 DATE

SCOTT J. STEFFEN 14884 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

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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

ROUGH GRADING	(±0.5')
APPROVED FOR ROUGH GRADING	DATE

AS-BUILT INFORMATION

CONTRACTOR DATE
WORK STAKED BY DATE
AS-BUILTS REVIEWED BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS CAP STAMPED "3-H10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 356,899.72 Y= 1,493,972.98
Ground-to-Grid Factor= 0.9996/7504
ELEV. = -00'16.31"
NGVD 1929 Elevation= 5193.38

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

SCOTT J. STEFFEN NEW MEXICO 14884 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
1	08/02	REVISED LAYOUT, ADD POND	SJS
		REVISIONS	
		DESIGN	

Designed By: SJS DATE: 08/06/02
Drawn By: DTH DATE: 08/06/02
Checked By: SJS DATE: 08/06/02

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

City Project No.	Zone Map No.	Sheet	Of
691581	H9/J9	2	3

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August 06, 2002 - 08:25 AM
Layout1

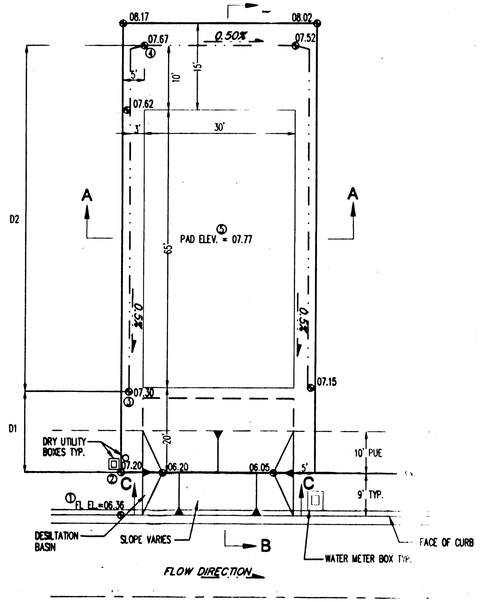
DRAINAGE CERTIFICATION

I, SCOTT J. STEFFEN, NMPE 14884, 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 8-06-02. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RUSTY HUGIG, NMPS 9780, OF THE FIRM SURV-TEK. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7-22-03 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.

7/23/03
SCOTT J. STEFFEN, NMPE 14884 DATE

SCOTT J. STEFFEN — NEW MEXICO — 14884 — REGISTERED PROFESSIONAL ENGINEER

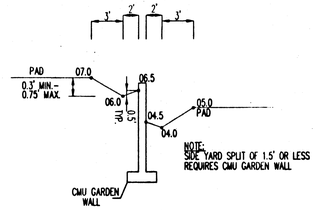


TYPICAL LOT GRADE DETAIL WITH DESILTATION BASIN FOR SEDIMENTATION CONTROL

NOT TO SCALE

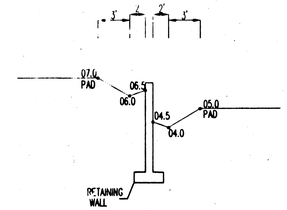
TO SET SPOT② - ADD 0.84' TO SPOT①
TO SET SPOT③ - MULTIPLY D1 BY 0.5% AND ADD TO SPOT②
TO SET SPOT④ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT③
TO SET SPOT⑤ - ADD 0.1' TO SPOT④

BOTTOM OF BASIN IS 1' BELOW PROPERTY LINE ELEVATION.
SEE GRADING PLANS FOR EXACT ELEVATIONS.
CONTRACTOR SHALL CONSTRUCT TEMPORARY DESILTATION BASIN AT EACH LOT.



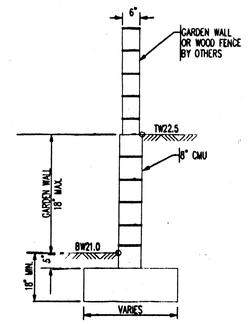
SIDE YARD GARDEN WALL DETAIL

NOT TO SCALE



SIDE YARD RETAINING WALL DETAIL

NOT TO SCALE

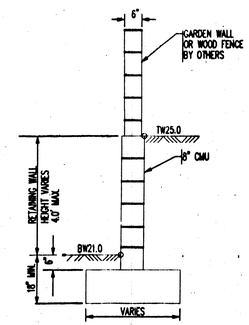


TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL GARDEN WALL NOMENCLATURE

NOT TO SCALE

(RETAINING HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL.)

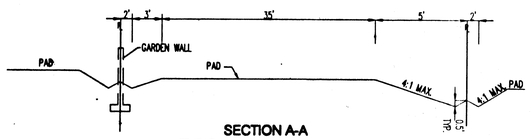


TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL RETAINING WALL NOMENCLATURE

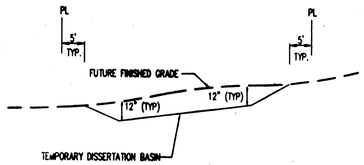
NOT TO SCALE

(RETAINING HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL.)



SECTION A-A
TYPICAL SIDE YARD SWALE

NOT TO SCALE

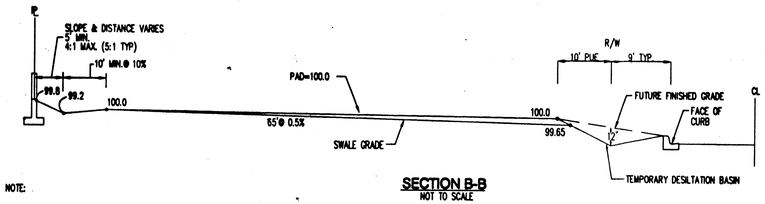


SECTION C-C

NOT TO SCALE

TYPICAL LOT GRADING DETAILS

NOT TO SCALE



SECTION B-B

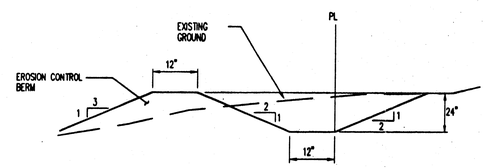
NOT TO SCALE

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.



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

NOT TO SCALE

ROUGH GRADING	(±0.5'):
N/A	
APPROVED FOR ROUGH GRADING	DATE

AS-BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY		DATE
INSPECTOR ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BRASS CAP STAMPED "J-H10"	
GEOGRAPHIC POSITION (NAD 1927)	
N.M. State Plane Coordinates (Central Zone)	
X= 356,889.77 Y= 1,493,922.98	
Ground-to-Grid Factor= 0.99967504	
ea = -00°16'31"	
NGVD 1929 Elevation= 5193.38	

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

SCOTT J. STEFFEN — NEW MEXICO — 14884 — REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: SJS DATE: 08/06/02
Drawn By: DTH DATE: 08/06/02
Checked By: SJS DATE: 08/06/02

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING DETAILS

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

City Project No.	Zone Map No.	Sheet	Of
691581	H9/J9	3	3

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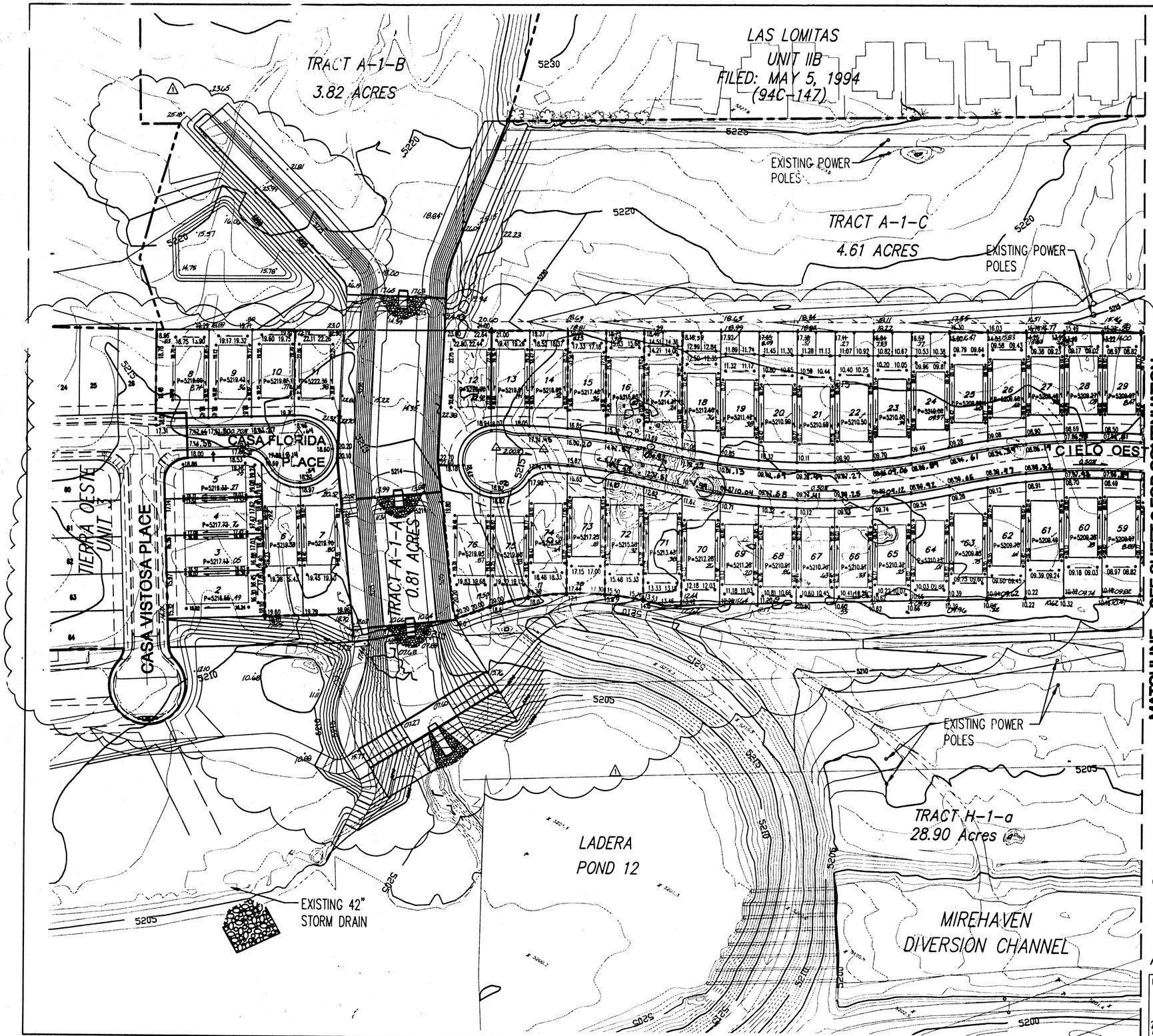
Layout1

DRB APPROVED



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.

4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, SHEET ___, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.

6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

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

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, SCOTT J. STEPPEN, NMPE 14884, 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 9-05-02. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RUSTY HUGG, NMPS 9768, OF THE FIRM SURV-TEK. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7-22-03 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 BM/FINANCIAL GUARANTY RELEASE.

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SCOTT J. STEPPEN, NMPE 14884 — DATE 7/23/03

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

Brad L. Brigham
Approved for Rough Grading west of Arroyo
10/23/02

No grading West of Arroyo

ROUGH GRADING	(±0.5')
Brad L. Brigham — APPROVED FOR ROUGH GRADING	8/14/02 DATE

No.	Date	REMARKS / REVISIONS / DESIGN	By
1	09/02	REVISED LAYOUT, ADD POND	SJS

Designed By: SJS — DATE: 08/05/02
Drawn By: DTH — DATE: 08/05/02
Checked By: SJS — DATE: 08/05/02

AS-BUILT INFORMATION
CONTRACTOR — DATE
REVISIONS BY — DATE
INSPECTOR'S — DATE
FIELD VERIFICATIONS BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
BOOK — PAGE

BENCH MARKS
A.C.S. BRASS CAP STAMPED "2-H10"
GEOGRAPHIC POSITION (NAD 1927)
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
SCOTT J. STEPPEN — NEW MEXICO — 14884 — REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

CIELO OESTE
GRADING AND EROSION CONTROL PLAN

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

City Project No.	Zone Map No.	Sheet	Of
691581	H9/J9	1	3

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