



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 26, 2004

David Harrison, P.E.  
Wilson & Company  
2600 The American Rd. SE, Suite 100  
Rio Rancho, NM 87124

**Re: Seville Subdivision Unit 5, SIA/Financial Guarantee Release**  
**Engineer's Stamp dated 4-03-03 (A10/D2D)**  
**Certification dated 1-21-04**

Dear Mr. Harrison,

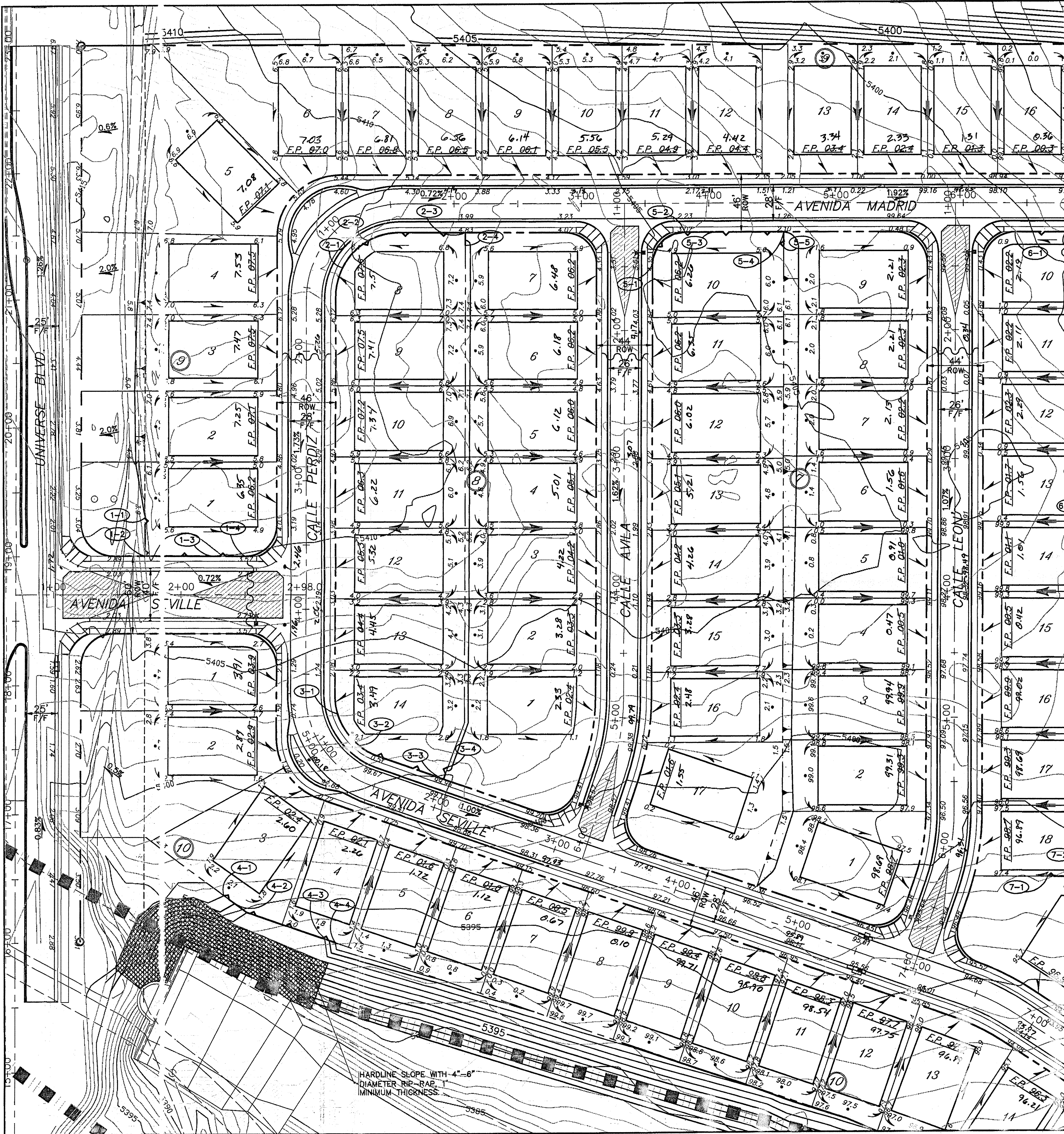
Based upon the information provided in your submittal received 1-21-04, the above referenced certification is approved for release of SIA and Financial Guarantee.

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro  
Engineering Associate, Planning Dept.  
Development and Building Services

C: Arlene Portillo, COA# 701981  
file



| RETAINING WALL TABLE |                  |                     |                  |                          |
|----------------------|------------------|---------------------|------------------|--------------------------|
| WALL POINT           | TOP OF WALL ELEV | TOP OF FOOTING ELEV | WALL HEIGHT (FT) | APPROX. WALL LENGTH (FT) |
| 1-1                  | 6.00             | 3.33                |                  |                          |
| 1-2                  | 6.00             | 2.00                | 2.67-4.00        | 30.0                     |
| 1-3                  | 06.00/05.33      | 02.00/02.67         | 4.00             | 53.5                     |
| 1-4                  | 5.33             | 2.67                | 2.67             | 25.0                     |
| 2-1                  | 6.33             | 04.33               |                  |                          |
| 2-2                  | 06.33/07.00      | 04.33               | 2.00             | 30.0                     |
| 2-3                  | 7.00             | 04.33               | 2.67             | 82.0                     |
| 2-4                  | 7.00             | 04.33               | 2.67             | 10.0                     |
| 3-1                  | 2.00             | 0.00                |                  |                          |
| 3-2                  | 2.00             | 00.00/99.33         | 2.00             | 25.0                     |
| 3-3                  | 2.00             | 99.33               | 2.67             | 75.0                     |
| 3-4                  | 2.00             | 0.00                | 2.67-2.00        | 10.0                     |

| RETAINING WALL TABLE |                  |                     |                  |                          |
|----------------------|------------------|---------------------|------------------|--------------------------|
| WALL POINT           | TOP OF WALL ELEV | TOP OF FOOTING ELEV | WALL HEIGHT (FT) | APPROX. WALL LENGTH (FT) |
| 4-1                  | 2.33             | 99.00               | 3.33             | 10.0                     |
| 4-2                  | 2.33             | 99.00/98.33         | 4.00             | 100.0                    |
| 4-3                  | 02.33/01.67      | 98.33               | 3.33             | 9.0                      |
| 4-4                  | 1.67             | 98.33               |                  |                          |
| 5-1                  | 4.67             | 2.00                |                  |                          |
| 5-2                  | 04.67/05.33      | 02.00/01.33         | 2.67             | 39.0                     |
| 5-3                  | 5.33             | 1.33                | 4.00             | 30.0                     |
| 5-4                  | 6.00             | 1.33                | 4.00-4.67        | 48.0                     |
| 5-5                  | 6.00             | 2.67                | 4.67-3.33        | 12.0                     |

- LEGEND
- RETAINING WALL
  - HIGH POINT
  - DIRECTION OF FLOW
  - LINE ELEVATION
  - PRUDENT LINE
  - RETAINING WALL POINT

NOTE: BACKYARD SLOPES ARE ALL 3:1 UNLESS OTHERWISE NOTED.

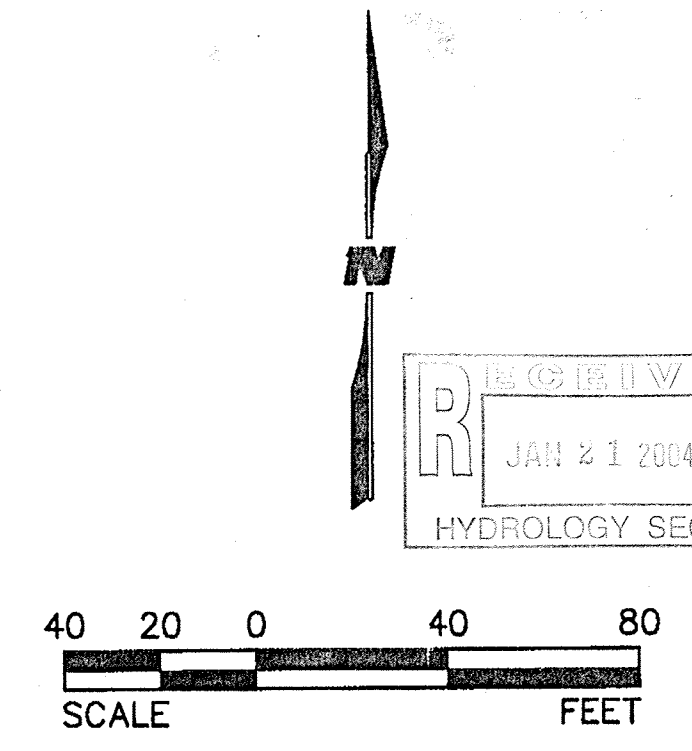
DRAINAGE CERTIFICATION

I, David S. Harrison, NMPE 14704 OF THE FIRM Wilson & Company, 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 4/3/03. THE RECORD INFORMATION EDITED INTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY Russ P. Hugg, NMPS 2750, OF THE FIRM SURV-TEC, Inc.

I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 1/21/04 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 GUARANTEE 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.

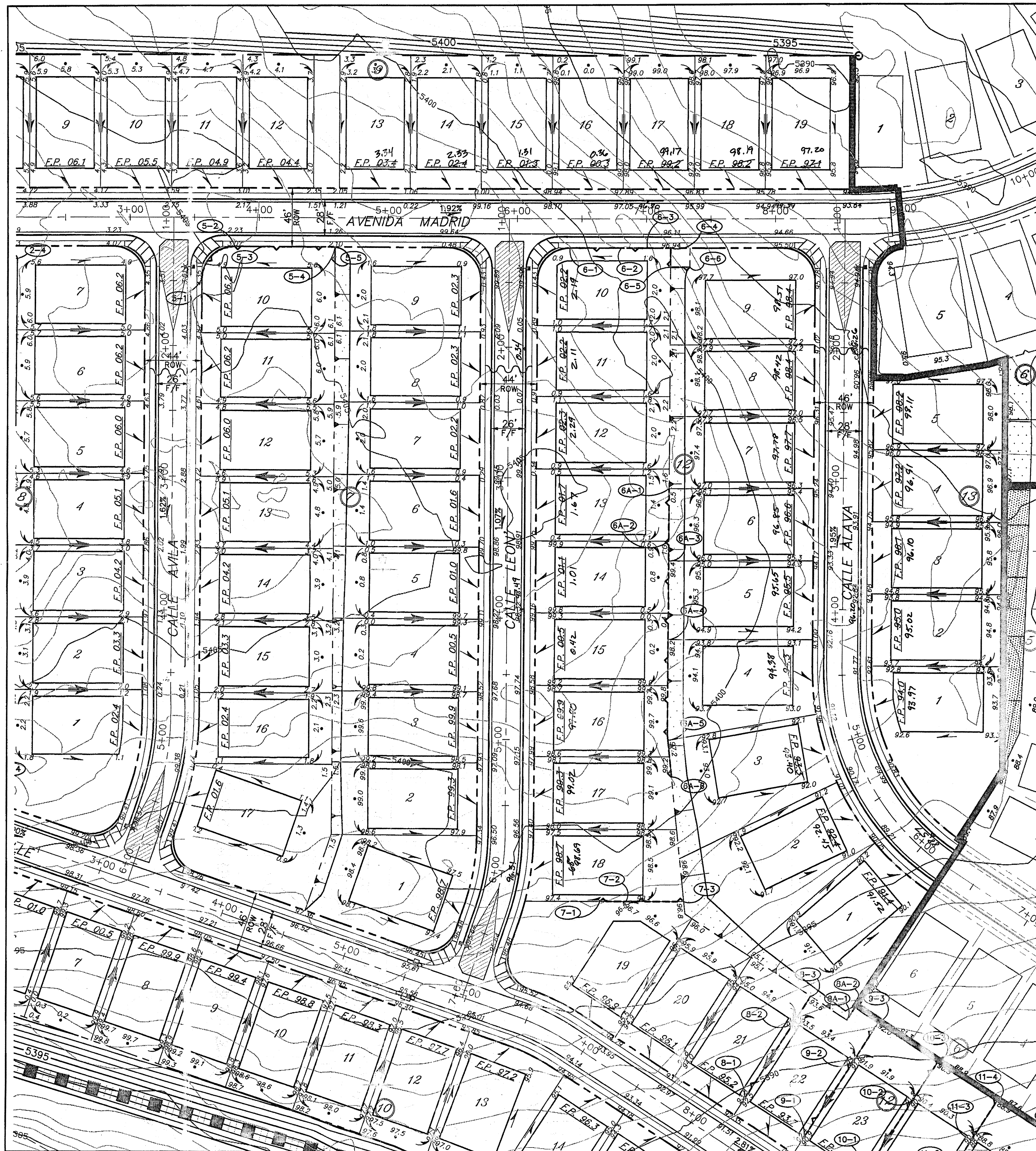
David S. Harrison, NMPE 14704  
1-21-04



**WILSON & COMPANY**  
2600 THE AMERICAN ROAD S.E.  
SUITE 100  
RIO RANCHO, NEW MEXICO 87124  
(505) 898-8021

|                                                                     |                        |
|---------------------------------------------------------------------|------------------------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING GROUP |                        |
| SEVILLE SUBDIVISION - UNIT 5<br>GRADING & DRAINAGE PLAN             |                        |
| Design Review Committee                                             | City Engineer Approval |
| City Project No. 701981                                             | Zone Map No. A-10-Z    |
| Sheet 8                                                             | Of 31                  |

| AS-BUILT INFORMATION |                                                                     | SURVEY INFORMATION |         | ENGINEER'S SEAL    |      | REVISIONS   |      | NO. DATE |        |
|----------------------|---------------------------------------------------------------------|--------------------|---------|--------------------|------|-------------|------|----------|--------|
| CONTRACTOR           | A.C.S. Survey Monument "SANDBERN"                                   | FIELD NOTES        | DATE    | BY                 | DATE | BY          | DATE | NO.      | DATE   |
| WORK ORDER           | New Mexico State Plane Coord's, Central Zone (NAD 27) as published: | PHOTOGRAPHY BY     | 3/22/99 | T.R. MANN & ASSOC. |      | REVISIONS   | DATE | NOV 02   | NOV 02 |
| DESIGNED BY          | Y = 1,534,209.29                                                    | FIELD SURVEYS BY   |         | SURV-TEK, INC.     |      | DESIGNED BY | DATE | NOV 02   | NOV 02 |
| DRAWN BY             | X = 361,854.29                                                      |                    |         |                    |      | DRAWN BY    | DATE | NOV 02   | NOV 02 |
| CHECKED BY           | Elevation = 5456.92 (SLD 1929)                                      |                    |         |                    |      | CHECKED BY  | DATE | NOV 02   | NOV 02 |
|                      | Ground to grid factor = 0.99966079                                  |                    |         |                    |      |             |      |          |        |



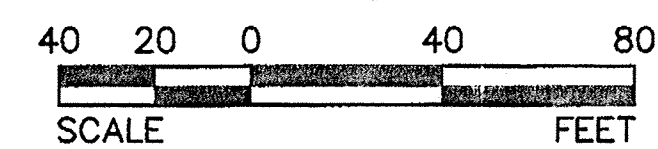
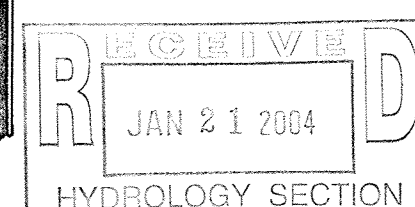
RETAINING WALL TABLE

| WALL POINT | TOP OF WALL ELEV | TOP OF FOOTING ELEV | WALL HEIGHT (FT) | APPROX. WALL LENGTH (FT) |
|------------|------------------|---------------------|------------------|--------------------------|
| 6-1        | 0.67             | 97.33               | 3.33             | 40.0                     |
| 6-2        | 00.67/01.33      | 97.33/96.67         | 4.67             | 20.0                     |
| 6-3        | 01.33/02.00      | 96.67/96.00         | 6.00             | 18.0                     |
| 6-4        | 02.00            | 96.00               | 6.00-5.33        | 15.0                     |
| 6-5        | 98.00            | 96.67               | 5.33-2.00        | 15.0                     |
| 6-6        | 98.00/97.33      | 96.67               |                  |                          |
| 6A-1       | 1.67             | 99.00               | 2.67             | 40.0                     |
| 6A-2       | 01.67/01.00      | 99.00               | 2.00             | 15.0                     |
| 6A-3       | 1.00             | 99.00/98.33         | 2.67             | 60.0                     |
| 6A-4       | 01.00/00.33      | 98.33/97.00         | 3.33             | 77.0                     |
| 6A-5       | 00.33/99.67      | 97.00/96.33         | 3.33             | 28.0                     |
| 6A-6       | 99.67            | 96.33               |                  |                          |
| 7-1        | 97.67            | 95.67               | 2.00             | 20.0                     |
| 7-2        | 97.67/98.33      | 95.67               | 2.67             | 45.0                     |
| 7-3        | 98.33            | 95.67               |                  |                          |
| 8-1        | 94.33            | 91.67               | 2.67             | 70.0                     |
| 8-2        | 94.33/95.00      | 91.67/92.33         | 2.67             | 23.0                     |
| 8-3        | 95.0             | 92.33               |                  |                          |
| 8A-1       | 93.33            | 90.00               | 3.33             | 14.0                     |
| 8A-2       | 93.33            | 90.00               |                  |                          |

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- E LINE ELEVATION
- PRUDENT LINE
- RETAINING WALL POINT

NOTE: BACKYARD SLOPES ARE ALL 3:1 UNLESS OTHERWISE NOTED.



|                                                         |                        |                                                                     |             |
|---------------------------------------------------------|------------------------|---------------------------------------------------------------------|-------------|
| WILSON & COMPANY                                        |                        | CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING GROUP |             |
| SEVILLE SUBDIVISION - UNIT 5<br>GRADING & DRAINAGE PLAN |                        |                                                                     |             |
| Design Review Committee                                 | City Engineer Approval | Last Design Update                                                  |             |
| City Project No. 701981                                 | Zone Map No. A-10-Z    | Mo./Day/Yr.                                                         | Mo./Day/Yr. |
| Sheets 9 of 31                                          |                        |                                                                     |             |

Bruce L. Blythe 4/17/03  
Approved For Rough Grading



RETAINING WALL TABLE

| WALL POINT | TOP OF WALL ELEV | TOP OF FOOTING ELEV | WALL HEIGHT (FT) | APPROX. WALL LENGTH (FT) |
|------------|------------------|---------------------|------------------|--------------------------|
| 9-1        | 92.67            | 90.00               | 2.67             | 70.0                     |
| 9-2        | 92.67/93.33      | 90.00/90.67         | 2.67             | 37.0                     |
| 9-3        | 93.33            | 90.67               |                  |                          |
| 10-1       | 91.33            | 88.67               |                  |                          |
| 10-2       | 91.33/92.00      | 88.67/89.33         | 2.67             | 70.0                     |
| 10-3       | 92.00            | 89.33               | 2.67             | 37.0                     |
| 11-1       | 90.00            | 86.67               | 3.33             | 35.0                     |
| 11-2       | 90.00            | 86.67/87.33         | 2.67             | 35.0                     |
| 11-3       | 90.00/90.67      | 87.33               | 3.33             | 37.5                     |
| 11-4       | 90.67            | 87.33               |                  |                          |
| 12-1       | 88.00            | 85.33               | 2.67             | 35.0                     |
| 12-2       | 88.00/88.67      | 85.33/86.00         | 2.67             | 72.5                     |
| 12-3       | 88.67            | 86.00               |                  |                          |
| 13-1       | 86.67            | 84.00               | 2.67             | 35.0                     |
| 13-2       | 86.67/87.33      | 84.00               | 2.00             | 35.0                     |
| 13-3       | 87.33            | 84.00/84.67         | 2.67             | 37.5                     |
| 13-4       | 87.33            | 84.67               |                  |                          |

RETAINING WALL TABLE

| WALL POINT | TOP OF WALL ELEV | TOP OF FOOTING ELEV | WALL HEIGHT (FT) | APPROX. WALL LENGTH (FT) |
|------------|------------------|---------------------|------------------|--------------------------|
| 14-1       | 84.67            | 82.00               | 2.67             | 41.0                     |
| 14-2       | 84.67            | 82.00/81.33         | 3.33             | 21.0                     |
| 14-3       | 84.67/84.00      | 81.33/80.67         | 3.33             | 72.0                     |
| 14-4       | 84.00            | 80.67               |                  |                          |
| 15-1       | 93.67            | 91.00               | 2.67             | 67.0                     |
| 15-2       | 93.67/93.00      | 91.00/90.33         | 2.67             | 20.0                     |
| 15-3       | 93.00            | 90.33               |                  |                          |
| 16-1       | 92.00            | 89.33               | 2.67             | 87.0                     |
| 16-2       | 92.00            | 89.33               |                  |                          |
| 17-1       | 90.67            | 88.00               | 2.67             | 52.0                     |
| 17-2       | 90.67/90.00      | 88.00/87.33         | 2.67             | 35.0                     |
| 17-3       | 90.00            | 87.33               |                  |                          |
| 18-1       | 89.00            | 86.33               | 2.67             | 67.0                     |
| 18-2       | 89.00/88.33      | 86.33/85.67         | 2.67             | 20.0                     |
| 18-3       | 88.33            | 85.67               |                  |                          |
| 19-1       | 87.67            | 85.00               | 2.67             | 67.0                     |
| 19-2       | 87.67/87.00      | 85.00/84.33         | 2.67             | 20.0                     |
| 19-3       | 87.00            | 84.33               |                  |                          |

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- E. LINE ELEVATION
- PRUDENT LINE
- RETAINING WALL POINT

NOTE: BACKYARD SLOPES ARE ALL 3:1 UNLESS OTHERWISE NOTED.

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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

SEVILLE SUBDIVISION - UNIT 5  
GRADING & DRAINAGE PLAN

|                         |                        |                    |             |             |
|-------------------------|------------------------|--------------------|-------------|-------------|
| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|                         |                        |                    |             |             |
| City Project No.        | Zone Map No.           | Sheet              | Of          |             |
| 701981                  | A-10-Z                 | 10                 |             | 31          |

Bradley A. Bigham 4/17/03  
Approved For Rough Grading