

2 3 4 5 6 7 8 9 10 11 12 13 14 15  
26-6933-81-2611

CONSTRUCTION PLANS FOR  
INTERIM UNIVERSE BLVD.

IMPROVEMENTS FOR  
TEMPORARY PAVING SECTION  
PASEO DEL NORTE BLVD. TO UNSER /ATRISCO BLVD.  
ALBUQUERQUE, NEW MEXICO

INDEX

| SHEET<br>NUMBER | DESCRIPTION                                                 |
|-----------------|-------------------------------------------------------------|
| 1               | TITLE SHEET                                                 |
| 2               | INTERSECTION PLAN<br>PASEO DEL NORTE BLVD. / UNIVERSE BLVD. |
|                 | UNIVERSE BLVD. PAVING PLAN AND PROFILE, SHEETS              |
| 3               | STA. 0+00.00 - 10+00.00                                     |
| 4               | STA. 10+00.00 - 21+00.00                                    |
| 5               | STA. 21+00.00 - 31+50.00                                    |
| 6               | STA. 31+50.00 - 42+50.00                                    |
| 7               | STA. 42+50.00 - 53+00.00                                    |
| 8               | STA. 53+00.00 - 64+00.00                                    |
| 9               | STA. 64+00.00 - 75+00.00                                    |
| 10              | STA. 75+00.00 - 83+00.00                                    |
|                 | UNSER BLVD. / ATRISCO BLVD. PAVING PLAN AND PROFILE SHEET   |
| 11              | STA. 83+00.00 - 94+00.00                                    |
| 12              | INTERSECTION PLAN<br>UNSER BLVD. / ATRISCO BLVD.            |
| 13              | OVERALL PAVING PLAN                                         |
| 13A             | CULVERT CROSSING DETAILS                                    |

WARNING - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH (BLUE STAKES) PROCEDURES, OR OTHERWISE.

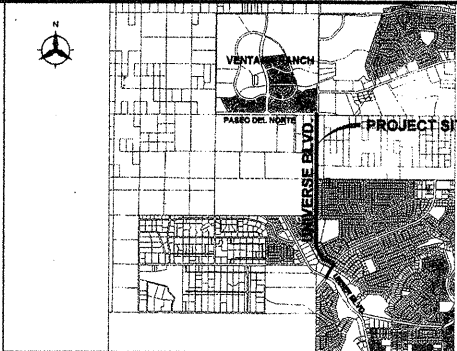
NOTE:  
ALL STRIPING AND PLACEMENT OF  
FENCE TO BE DONE BY OTHERS

BHI JOB NO. 01238803

**Bohannon & Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS



VICINITY MAP: NOT TO SCALE ZONE MAP NO. B.C.D9-10

NOTICE TO CONTRACTORS

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL PERMANENT STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND MAINTAINING IN SERVICE ALL EXISTING UTILITIES. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. ALL TRAFFIC CONTROL DEVICES REQUIRED FOR UTILITIES CONSTRUCTION OR OTHER REASONS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL CONFINED HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONTRACTOR'S EQUIPMENT SHALL NOT OBSTRUCT TRAFFIC. THE CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTIES AT ALL TIMES.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- SIGNING AND STRIPING TO BE COORDINATED WITH COA TRAFFIC ENGINEER.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

|                             |        |                  |                    |                 |                           |                 |      |
|-----------------------------|--------|------------------|--------------------|-----------------|---------------------------|-----------------|------|
| REV.                        | SHEETS | CITY ENGINEER    | DATE               | USER DEPARTMENT | DATE                      | USER DEPARTMENT | DATE |
| ENGINEERS STAMP & SIGNATURE |        | APPROVALS        |                    | ENGINEER        | DATE                      | *****           |      |
|                             |        | DRC Chairman     | <i>[Signature]</i> | 8-12-02         | APPROVED FOR CONSTRUCTION |                 |      |
|                             |        | Transportation   | <i>[Signature]</i> | 8/9/02          |                           |                 |      |
|                             |        | Water/Wastewater | <i>[Signature]</i> | 8-12-02         |                           |                 |      |
|                             |        | Hydrology        | <i>[Signature]</i> | 8-12-02         |                           |                 |      |
|                             |        | CIP              |                    |                 |                           |                 |      |
|                             |        | Const. Mngmt.    |                    |                 |                           |                 |      |
|                             |        | Const. Coord.    | N/A                |                 |                           |                 |      |
|                             |        | NMUI             |                    |                 |                           |                 |      |
| DRB Case Number             |        | City Project No. |                    | 693381          |                           | Sheet 1 of 13   |      |

# STRIPING GENERAL NOTES

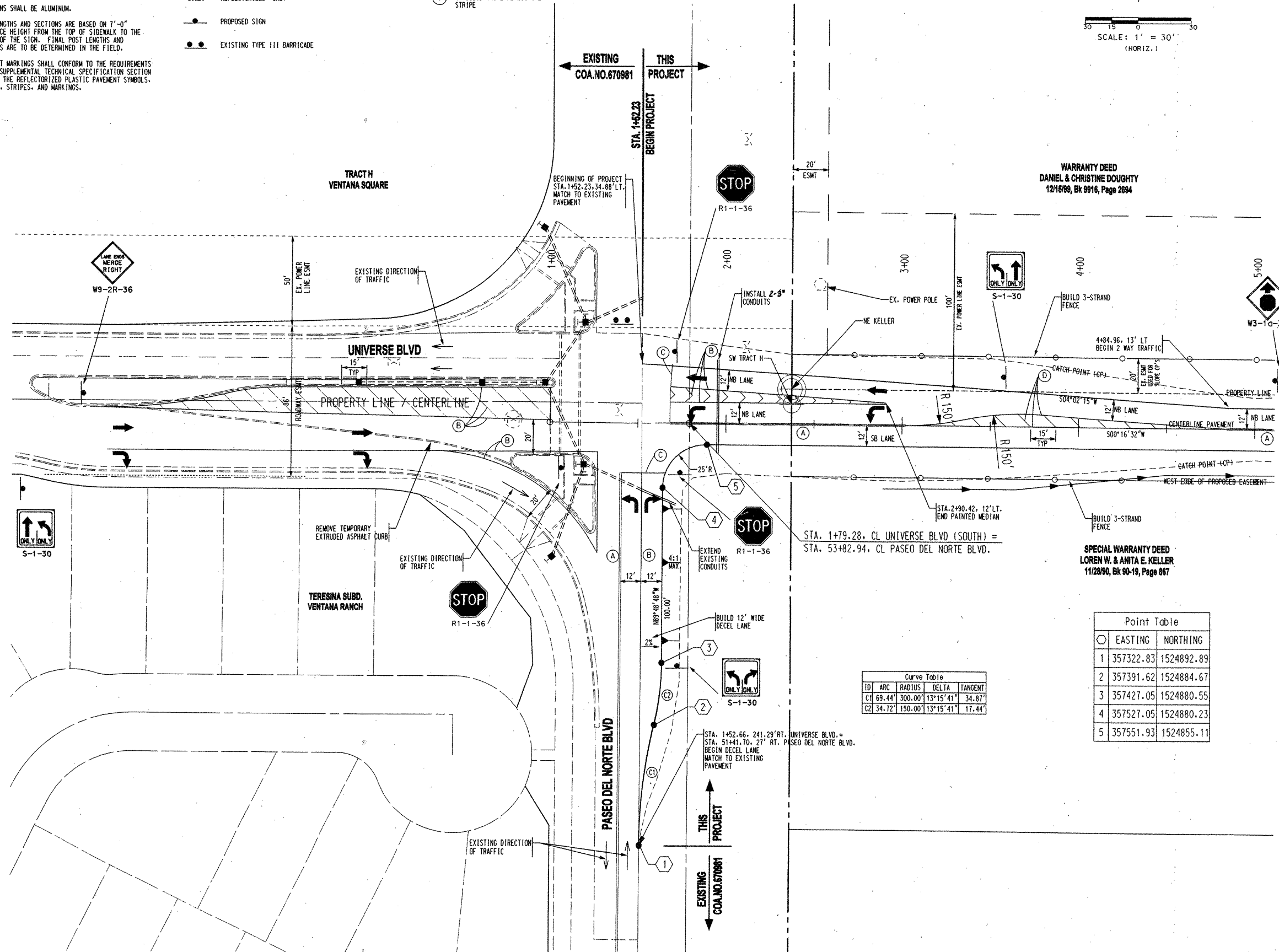
- ALL STRIPES ARE TO BE 4" UNLESS OTHERWISE SPECIFIED.
- ALL MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- EACH SIGN FACE SHOWN ON THE PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (1979 EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, LETTER SERIES, SYMBOLS, AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
- ALL SIGNS SHALL BE ALUMINUM.
- POST LENGTHS AND SECTIONS ARE BASED ON 7'-0" CLEARANCE HEIGHT FROM THE TOP OF SIDEWALK TO THE BOTTOM OF THE SIGN. FINAL POST LENGTHS AND SECTIONS ARE TO BE DETERMINED IN THE FIELD.
- PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE SUPPLEMENTAL TECHNICAL SPECIFICATION SECTION 440 FOR THE REFLECTORIZED PLASTIC PAVEMENT SYMBOLS, LEGENDS, STRIPES, AND MARKINGS.

# GENERAL LEGEND

- REFLECTORIZED LEFT TURN ARROW (PREFORMED PLASTIC)
- REFLECTORIZED RIGHT TURN ARROW (PREFORMED PLASTIC)
- REFLECTORIZED STRAIGHT ARROW (PREFORMED PLASTIC)
- ONLY REFLECTORIZED "ONLY"
- PROPOSED SIGN
- EXISTING TYPE III BARRICADE

# LEGEND

- 4" DOUBLE SOLID YELLOW REFLECTIVE STRIPE
- 4" SOLID WHITE REFLECTIVE STRIPE
- 12" SOLID WHITE REFLECTIVE STOP BAR STRIPE
- 4" SOLID WHITE REFLECTIVE STRIPE



| Point Table |           |
|-------------|-----------|
| ○           | NORTHING  |
| 1           | 357322.83 |
| 2           | 357391.62 |
| 3           | 357427.05 |
| 4           | 357527.05 |
| 5           | 357551.93 |

| Curve Table |       |        |           |
|-------------|-------|--------|-----------|
| ID          | ARC   | RADIUS | DELTA     |
| C1          | 69.44 | 300.00 | 13°15'41" |
| C2          | 34.72 | 150.00 | 13°15'41" |

# NOTES:

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE ALONG CENTERLINE OF PROPOSED STREET UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG.2415 (SAWCUT ONLY).

| ENGINEER'S SEAL SURVEY INFORMATION |      | BENCH MARKS  |      | AS-BUILT INFORMATION |      |
|------------------------------------|------|--------------|------|----------------------|------|
| NO.                                | DATE | NO.          | DATE | NO.                  | DATE |
| BY                                 |      | BY           |      | BY                   |      |
| REMARKS                            |      | REMARKS      |      | REMARKS              |      |
| REVISIONS                          |      | REVISIONS    |      | REVISIONS            |      |
| DESIGN                             |      | DESIGN       |      | DESIGN               |      |
| PLT                                |      | PLT          |      | PLT                  |      |
| TSG                                |      | TSG          |      | TSG                  |      |
| PLT                                |      | PLT          |      | PLT                  |      |
| DATE 03/2002                       |      | DATE 03/2002 |      | DATE 03/2002         |      |
| DATE 03/2002                       |      | DATE 03/2002 |      | DATE 03/2002         |      |
| DATE 03/2002                       |      | DATE 03/2002 |      | DATE 03/2002         |      |

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 ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

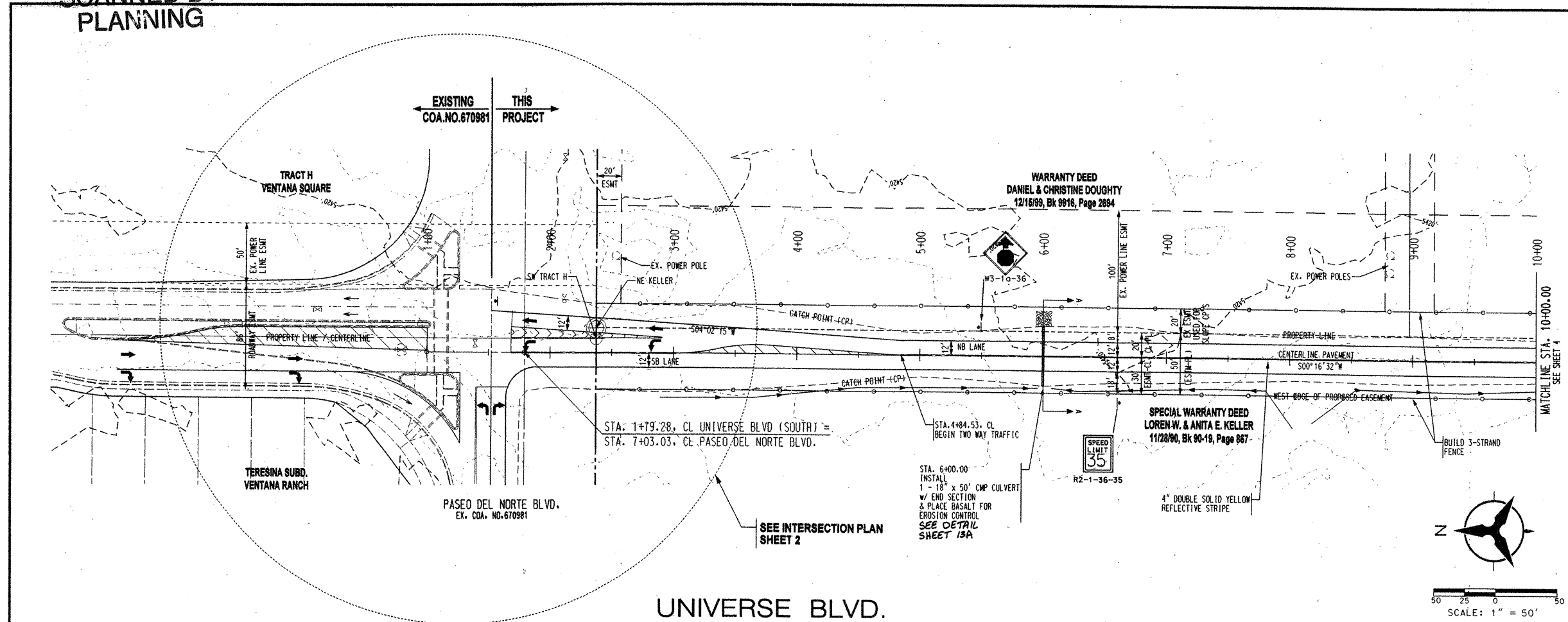
**CITY OF ALBUQUERQUE**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DEVELOPMENT GROUP

**INTERIM UNIVERSE BLVD.**  
**PASEO DEL NORTE BLVD. UNIVERSE BLVD.**

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL  
 APPROVE AUG 12 2002  
 AUG 20 2002  
 CITY ENGINEER

LAST DESIGN UPDATE  
 CITY PROJECT NO. 693381  
 ZONE MAP NO. B.C.09-10  
 SHEET 2 OF 13

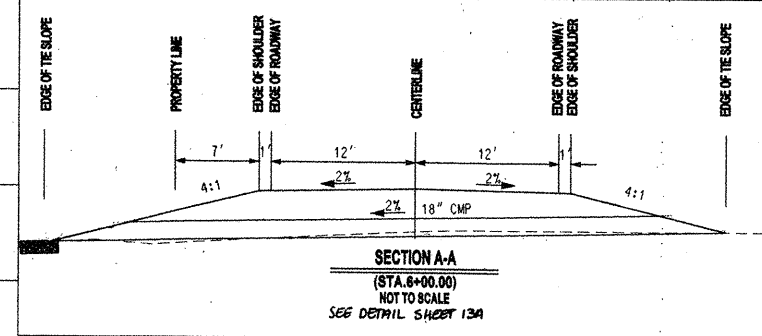
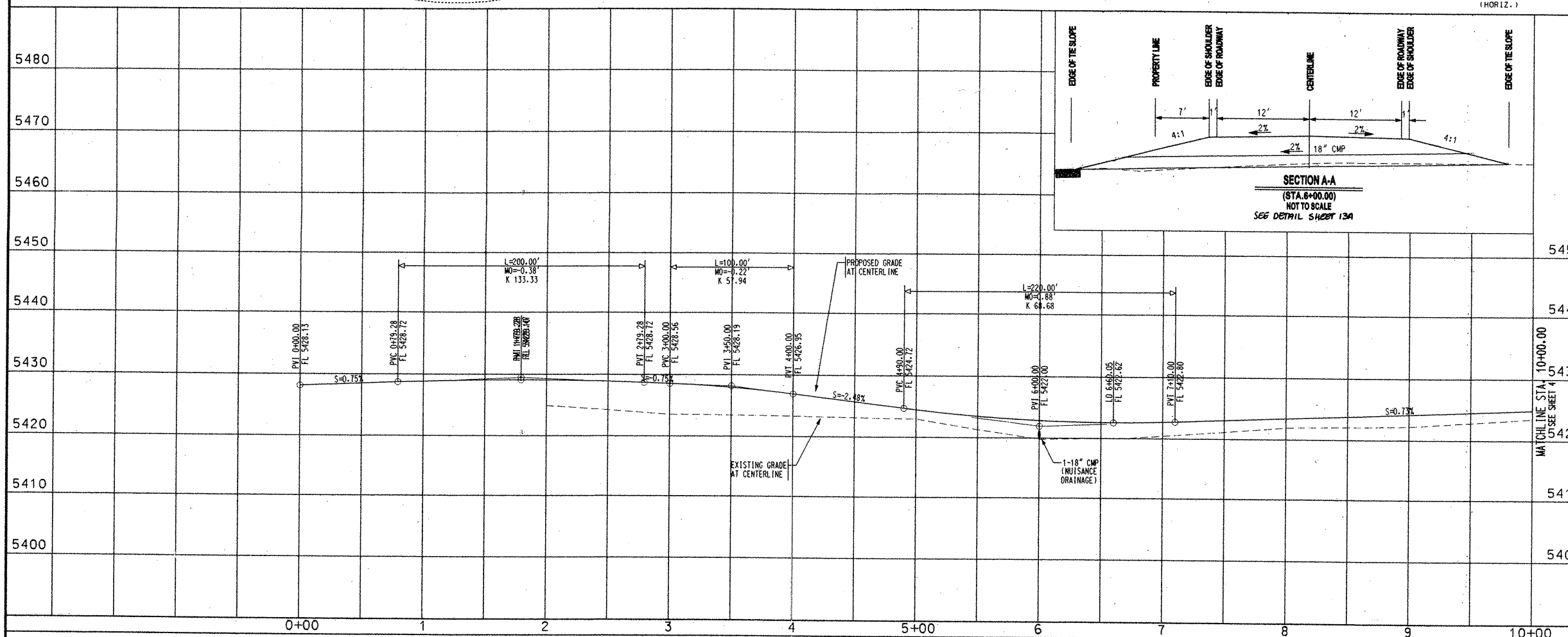
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PLANNING



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| BENCH MARKS            |      | AS-BUILT INFORMATION   |      |
|------------------------|------|------------------------|------|
| CONTRACTOR             | DATE | CONTRACTOR             | DATE |
| INSPECTOR'S            | DATE | INSPECTOR'S            | DATE |
| FIELD                  | DATE | FIELD                  | DATE |
| VERIFICATION BY        | DATE | VERIFICATION BY        | DATE |
| CORRECTED BY           | DATE | CORRECTED BY           | DATE |
| MICRO-FILM INFORMATION |      | MICRO-FILM INFORMATION |      |
| RECORDED BY            | DATE | RECORDED BY            | DATE |
| NO.                    |      | NO.                    |      |



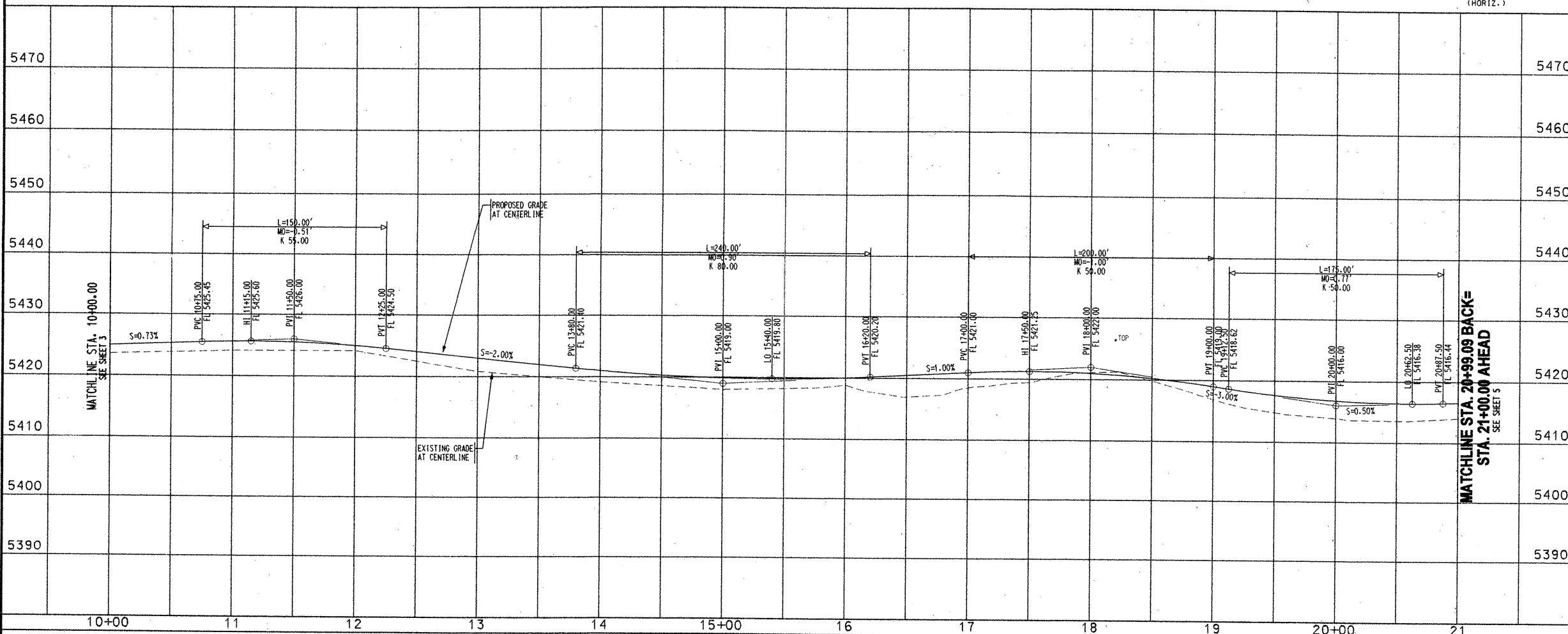
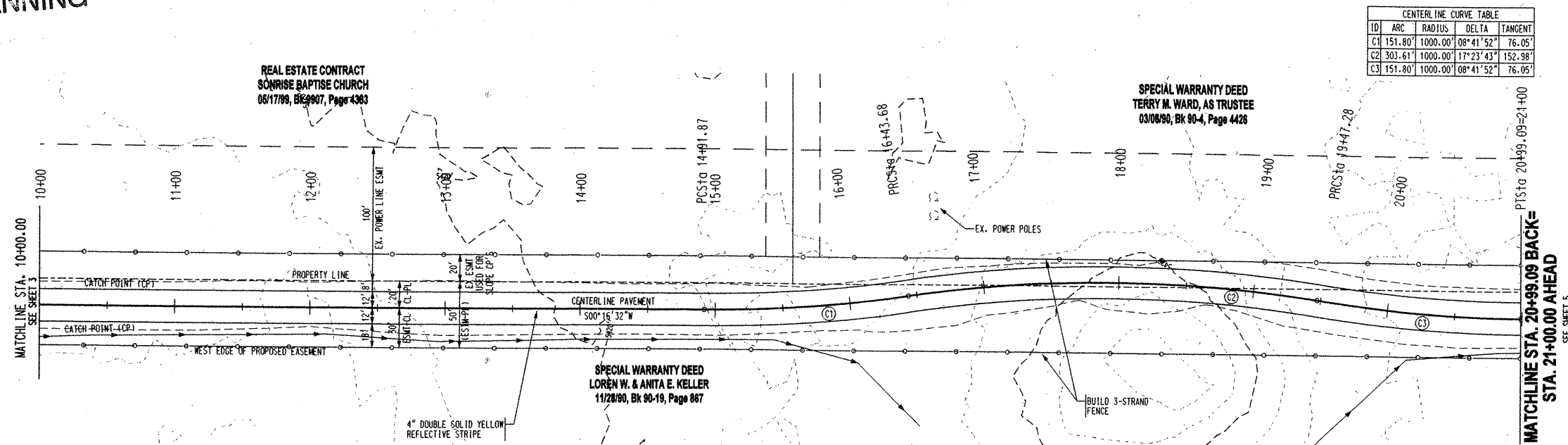
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ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

INTERIM UNIVERSE BLVD.  
PAVING PLAN & PROFILE  
STA. 0+00.00 - 10+00.00

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL  
APPROVED AUG 12 2002  
APPROVED AUG 20 2002  
CITY ENGINEER

SCANNED BY  
PLANNING



Bohannon & 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

INTERIM UNIVERSE BLVD.  
PAVING PLAN & PROFILE  
STA. 10+00.00 - 21+00.00

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

APPROVED  
AUG 12 2002  
DESIGN REVIEW COMMITTEE

APPROVED  
AUG 20 2002  
CITY ENGINEER

LAST DESIGN UPDATE

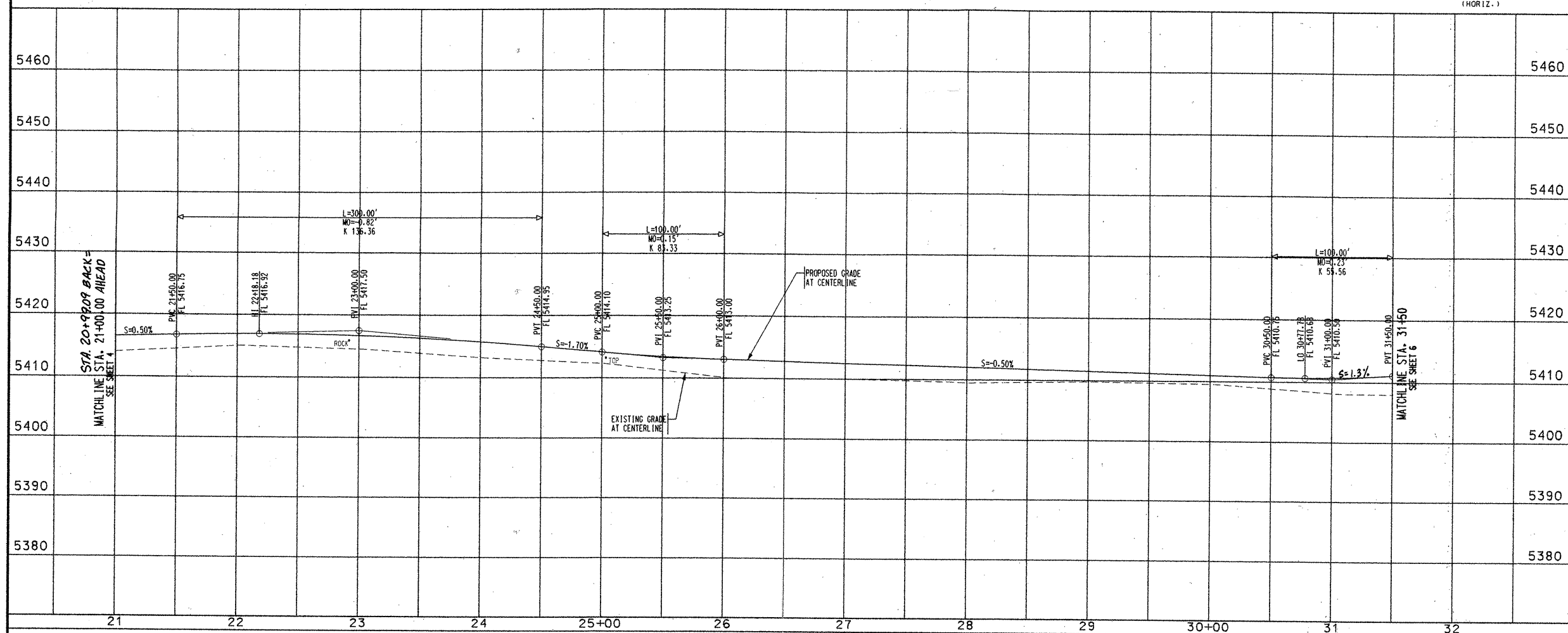
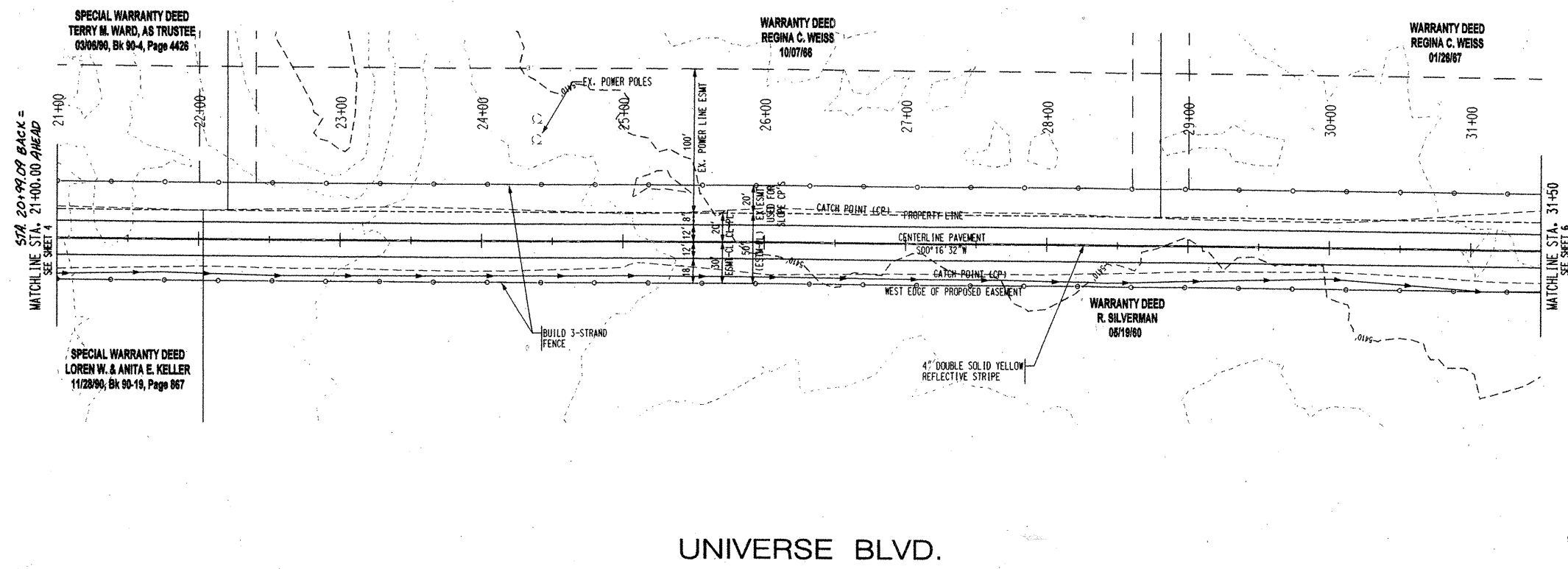
MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 69338

ZONE MAP NO. B.C.09-10

SHEET 4 OF 13

SCANNED BY  
PLANNING



NOTES:

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9. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

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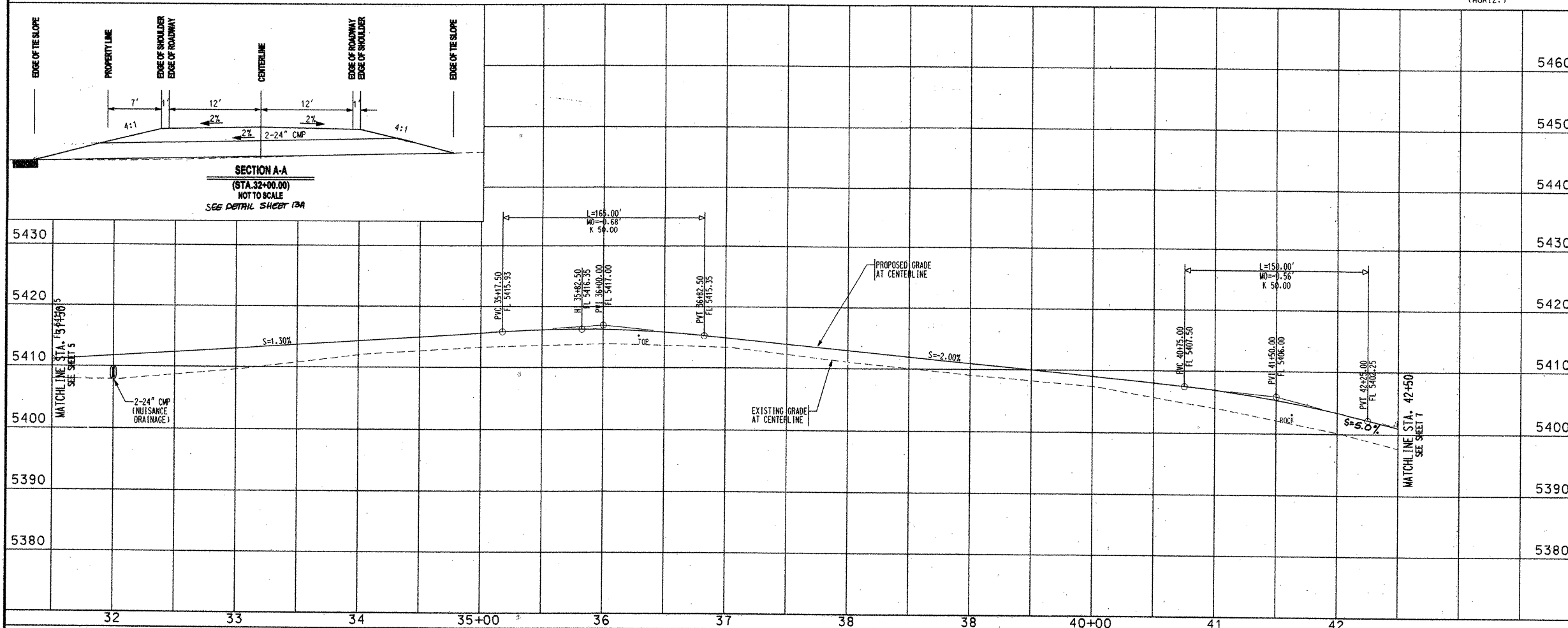
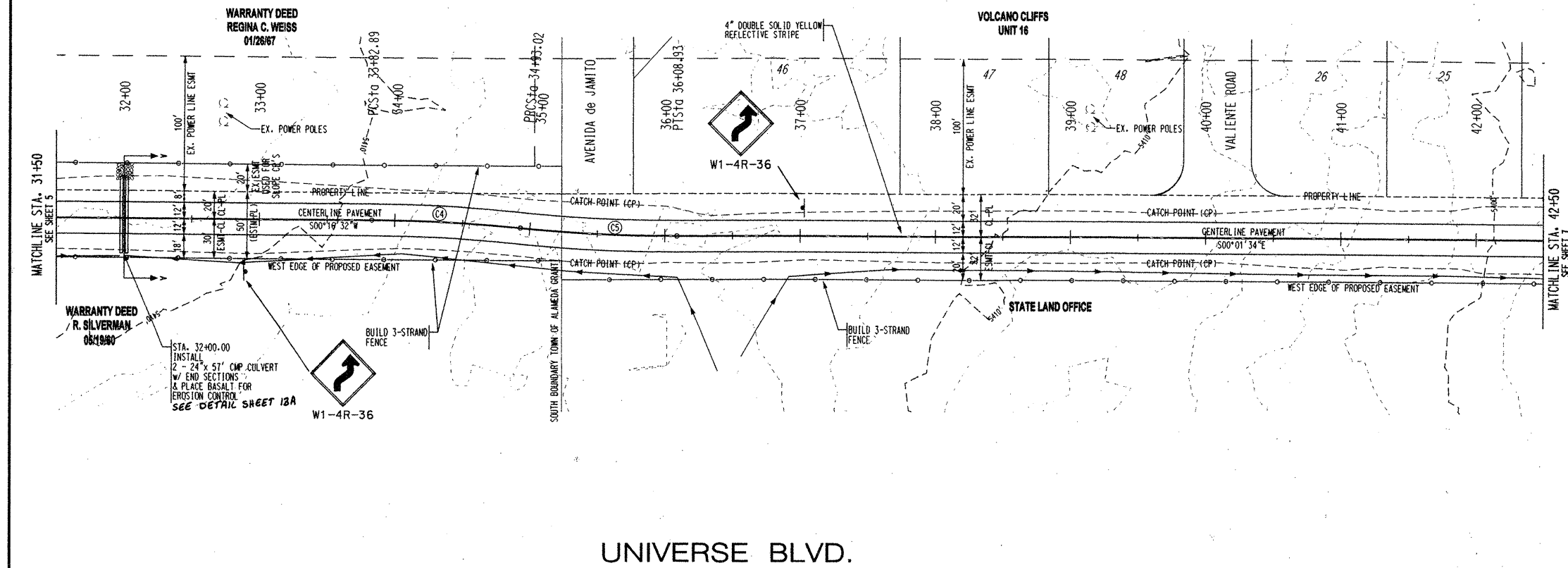
SCALE: 1" = 50' (HORIZ.)  
1" = 10' (VERT.)

CITY PROJECT NO.

ZONE MAP NO.  
B,C,D9-

SHEET 5 OF 13

| ID | ARC     | RADIUS   | DELTA     | TANGENT |
|----|---------|----------|-----------|---------|
| C4 | 110.12' | 1100.00' | 05°44'09" | 55.11'  |
| C5 | 115.91' | 1100.00' | 06°02'16" | 58.01'  |



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[illegible]

06-AUG-2002  
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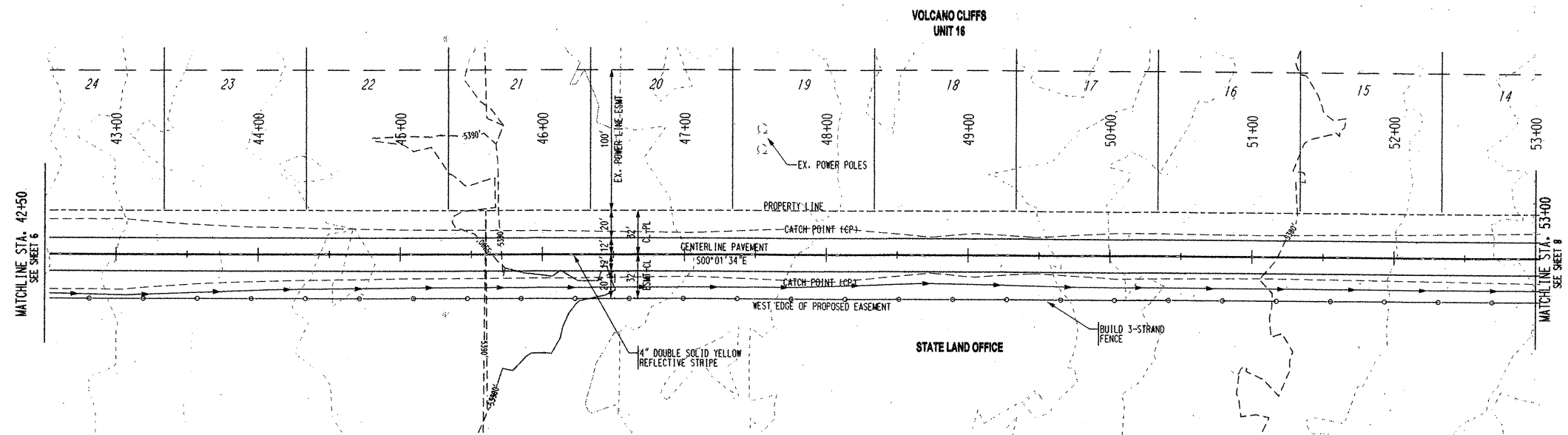
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SCALE: 1" = 50' (HORIZ.)  
1" = 10' (VERT.)

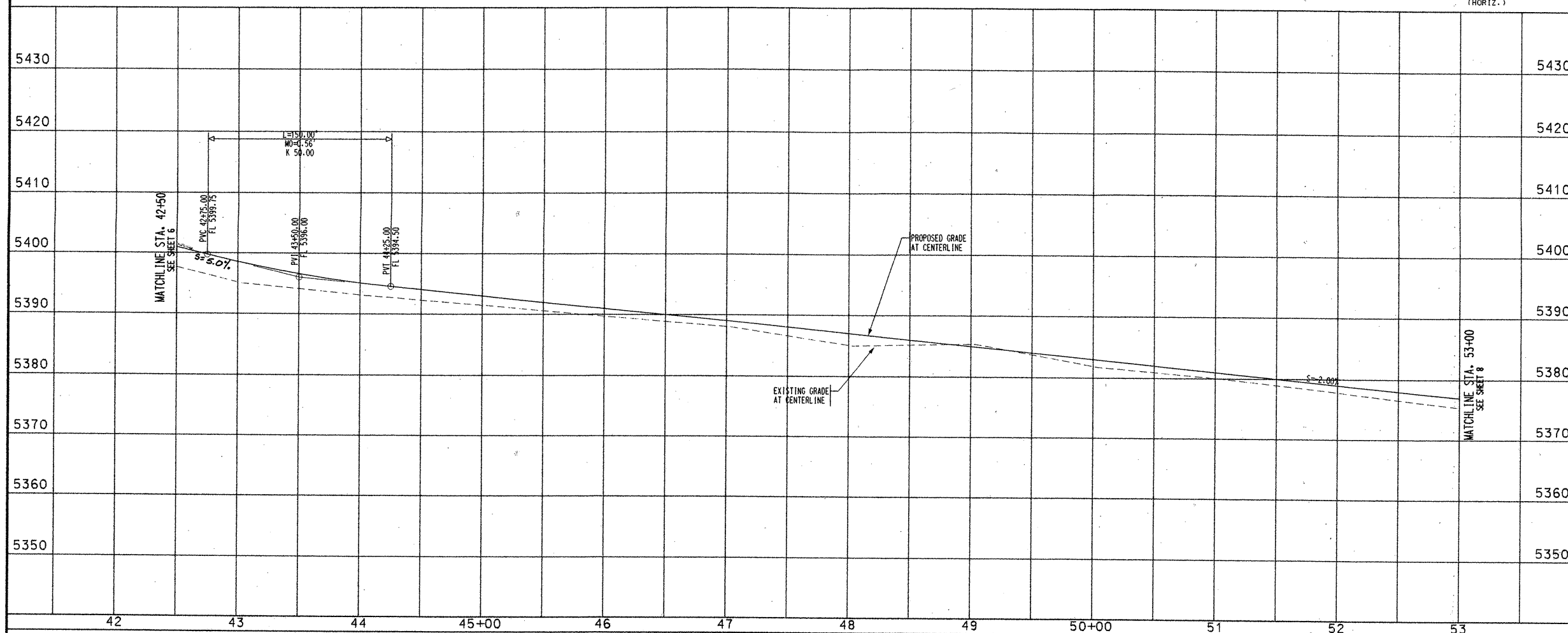
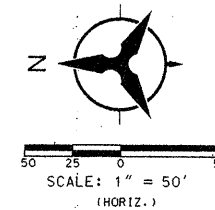
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| CITY PROJECT NO. |  |
|------------------|--|

|        |                          |
|--------|--------------------------|
| 693381 | ZONE MAP NO.<br>B,C,D9-1 |
|--------|--------------------------|

10 SHEET 6 OF 13



UNIVERSE BLVD.



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| SURVEY INFORMATION |             | BENCH MARKS |                                     | AS-BUILT INFORMATION   |            |
|--------------------|-------------|-------------|-------------------------------------|------------------------|------------|
| NO.                | FIELD NOTES | DATE        |                                     | CONTRACTOR             |            |
|                    |             |             | ACS BRASS TABLET STAMPED "189 1980" | STARTED BY             | CONTRACTOR |
|                    |             |             | GEOGRAPHIC POSITION (NAD 1971)      | INSPECTOR'S            |            |
|                    |             |             | N.M. STATE PLANE COORDINATES        | ACCEPTANCE BY          | DATE       |
|                    |             |             | CENTRAL ZONE: X=355-0777.00         | VERIFICATION BY        | DATE       |
|                    |             |             | Y=1,529,056.93                      | DRAWINGS BY            | DATE       |
|                    |             |             | GROUND-TO-GRID FACTOR = .99966334   | MICRO-FILM INFORMATION |            |
|                    |             |             | DELTA ALPHA -00°16'47"              | RECORDED BY            | DATE       |
|                    |             |             | NGVD 1929 ELEVATION = 5450.51       | NO.                    |            |



|             |      |         |         |
|-------------|------|---------|---------|
| NO.         | DATE | REMARKS | BY      |
| DESIGN      |      |         |         |
| DESIGNED BY | PLT  | DATE    | 03/2002 |
| DRAWN BY    | TSG  | DATE    | 03/2002 |
| CHECKED BY  | PLT  | DATE    | 03/2002 |

## Bohannon & 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

INTERIM UNIVERSE BLVD.  
PAVING PLAN & PROFILE  
STA. 42+50.00 - 53+00.00

|                         |                        |             |             |
|-------------------------|------------------------|-------------|-------------|
| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR. |
|-------------------------|------------------------|-------------|-------------|

DESIGN

AUG 12 2002

CITY ENGINEER

LAST DESIGN UPDATE

DESIGN

AUG 20 2002

CITY ENGINEER

LAST DESIGN UPDATE

|                  |       |              |           |       |   |    |    |
|------------------|-------|--------------|-----------|-------|---|----|----|
| CITY PROJECT NO. | 69338 | ZONE MAP NO. | B.C.D9-10 | SHEET | 7 | OF | 13 |
|------------------|-------|--------------|-----------|-------|---|----|----|

BHI JOB NO. 01238B03

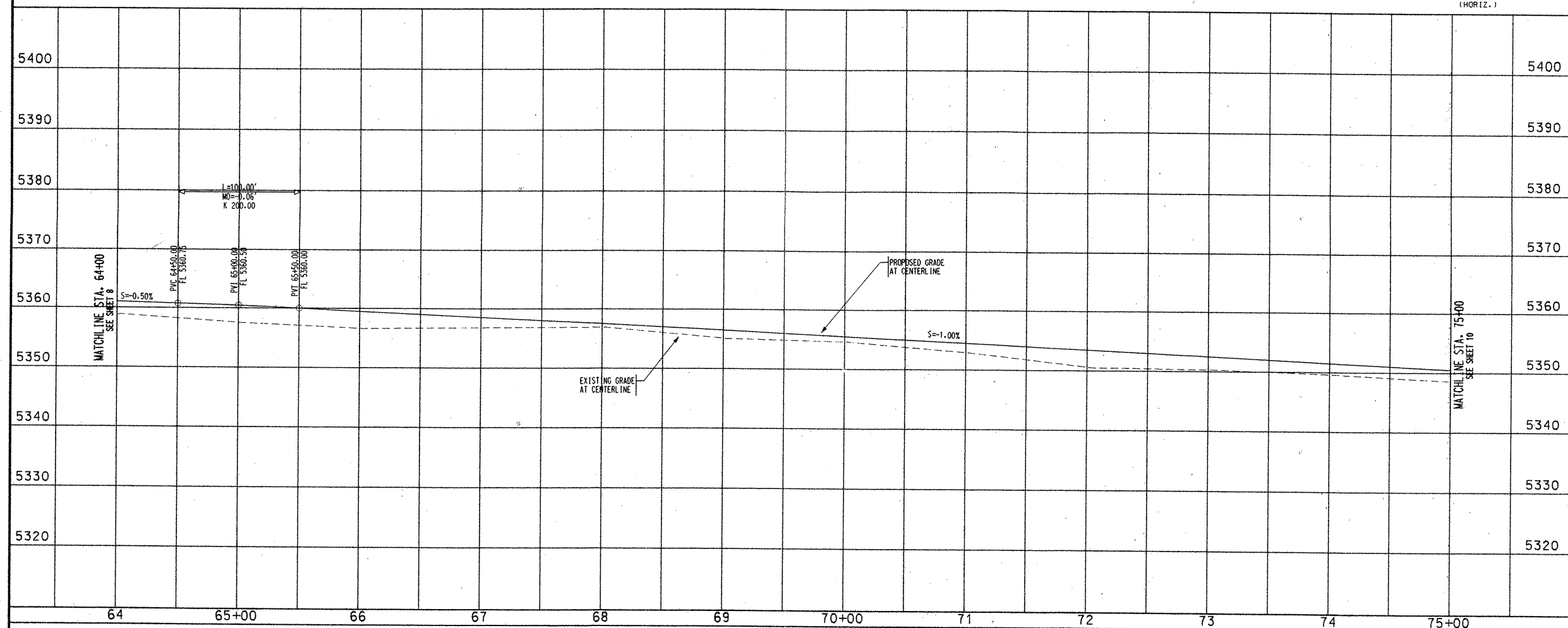
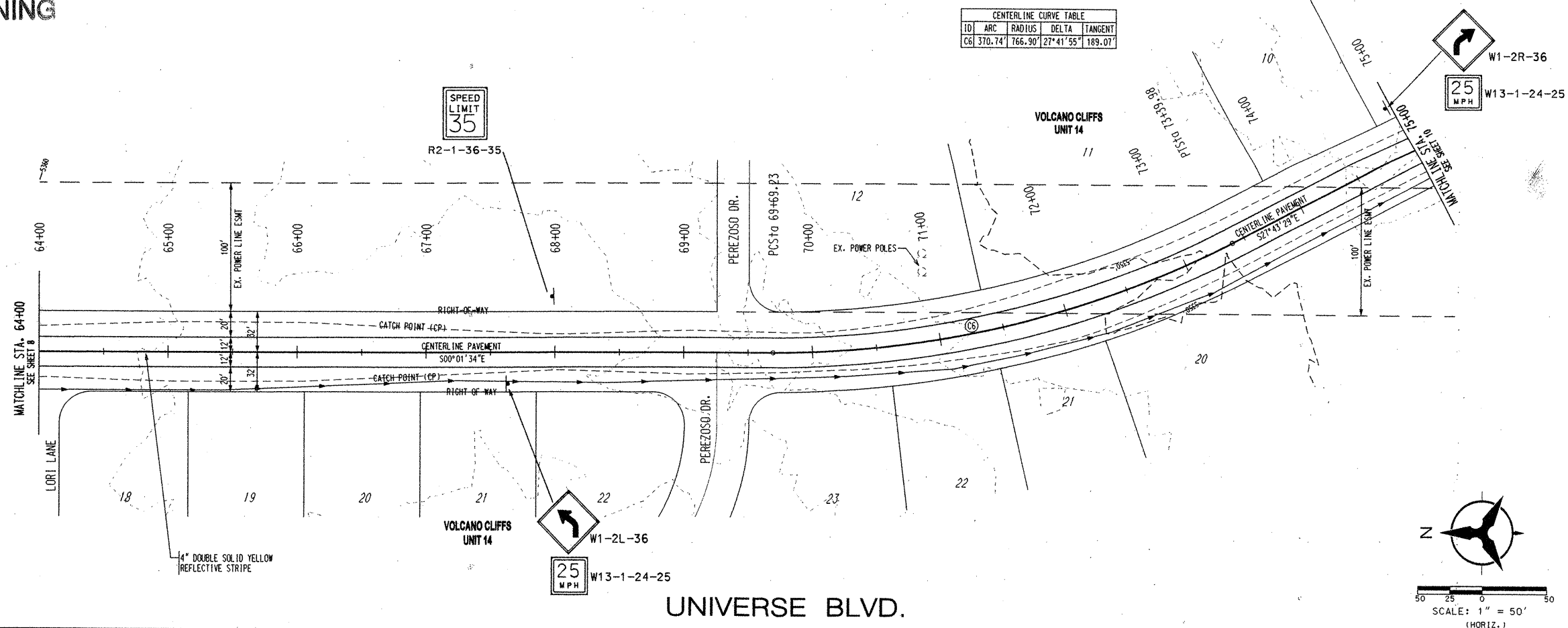
SCALE: 1" = 50' (HORIZ.)  
1" = 10' (VERT.)

ZONE MAP NO.  
B, C, D9-1

SHEET 7 OF 13



SCANNED BY  
PLANNING



NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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9. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

|                 |    |             |                                      |             |                 |                      |  |
|-----------------|----|-------------|--------------------------------------|-------------|-----------------|----------------------|--|
| ENGINEER'S SEAL |    | FIELD NOTES |                                      | BENCH MARKS |                 | AS-BUILT INFORMATION |  |
| NO.             | BY | DATE        | ACS BRASS TABLET STAMPED "1-B9 1980" |             | CONTRACTOR      |                      |  |
|                 |    |             | GEOGRAPHIC POSITION (NAD 1927)       |             | WORK STARTED BY |                      |  |
|                 |    |             | N.M. STATE PLANE COORDINATES         |             | POSTED BY       |                      |  |
|                 |    |             | (CENTRAL ZONE) X=355,077.00          |             | ACCEPTANCE BY   |                      |  |
|                 |    |             | Y=1,529,056.93                       |             | FIELD           |                      |  |
|                 |    |             | GROUND-TO-GRID FACTOR = .99966334    |             | VERIFICATION BY |                      |  |
|                 |    |             | DELTA ALPHA -00°16' 41"              |             | DATE            |                      |  |
|                 |    |             | NGVD 1929 ELEVATION = 5450.51        |             | RECORDED BY     |                      |  |
|                 |    |             |                                      |             | NO.             |                      |  |



|             |     |      |         |
|-------------|-----|------|---------|
| REMARKS     |     | BY   |         |
| REVISIONS   |     |      |         |
| DESIGN      |     |      |         |
| DESIGNED BY | PLT | DATE | 03/2002 |
| DRAWN BY    | TSG | DATE | 03/2002 |
| CHECKED BY  | PLT | DATE | 03/2002 |

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## Bohannon & 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

INTERIM UNIVERSE BLVD.  
PAVING PLAN & PROFILE  
STA. 64+00.00 - 75+00.00

DESIGN REVIEW COMMITTEE

**APPROVED**

**AUG 12 2002**

DESIGN  
REVIEW COMMITTEE

**APPROVED**  
**AUG 20 2002**  
**CITY ENGINEER**

|                       |  |
|-----------------------|--|
| LAST DESIGN<br>UPDATE |  |
|-----------------------|--|

| MO./DAY/YR. | MO./DAY/YR. |
|-------------|-------------|
|             |             |
|             |             |
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|             |             |

BHI JOB NO. 01238B03

SCALE: 1" = 50' (HORIZ.)  
1" = 10' (VERT.)

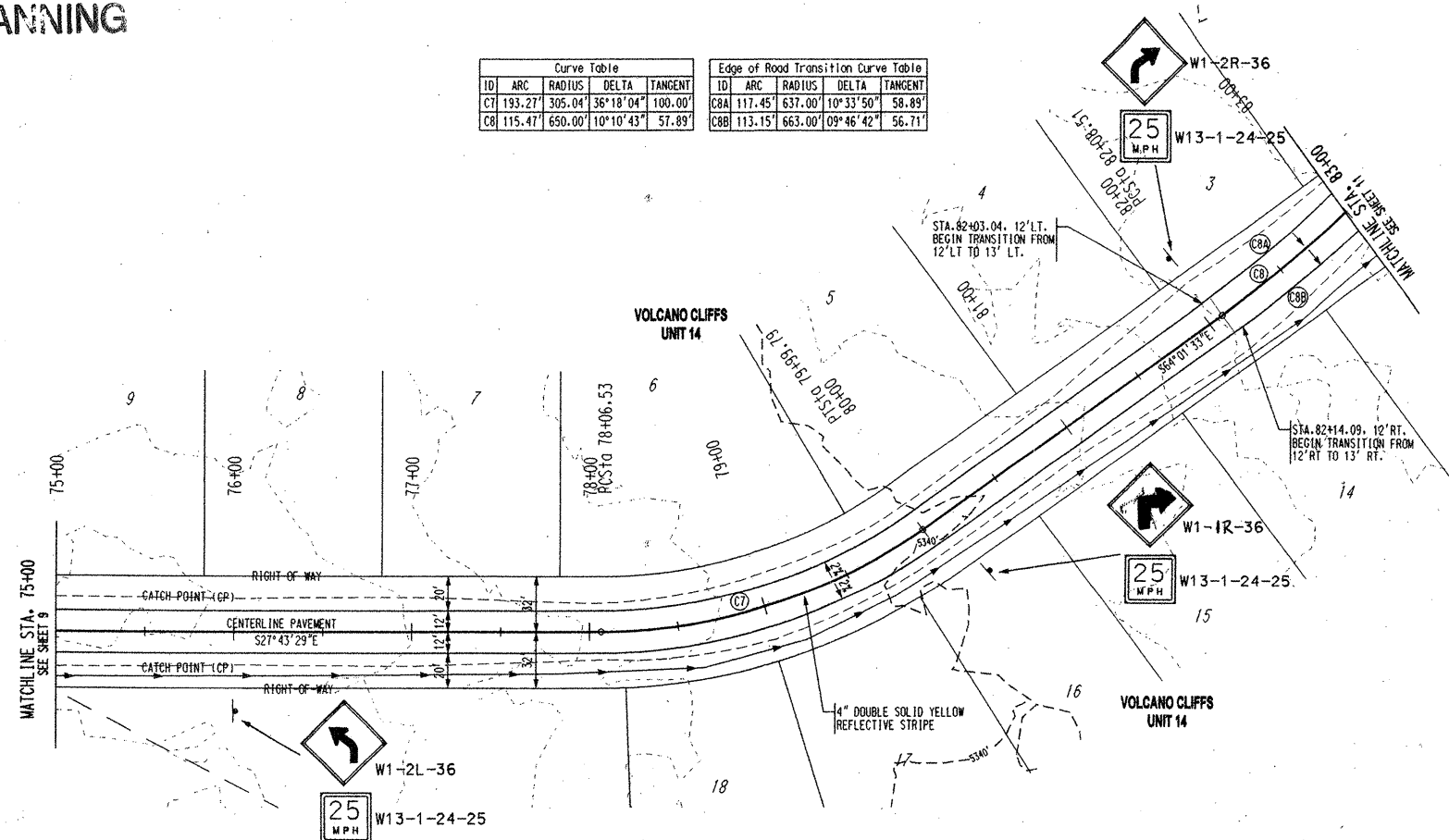
|                  |  |
|------------------|--|
| CITY PROJECT NO. |  |
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|              |   |
|--------------|---|
| ZONE MAP NO. | S |
| B,C,D9-10    |   |

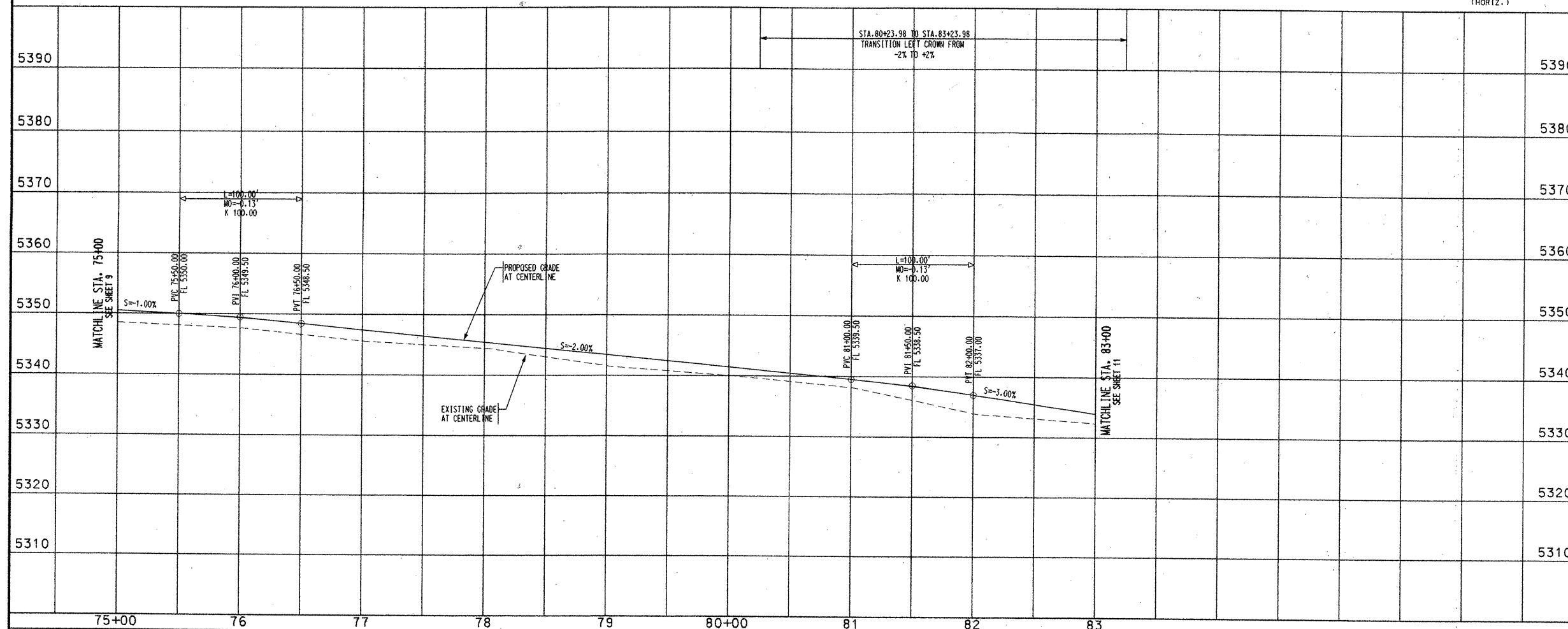
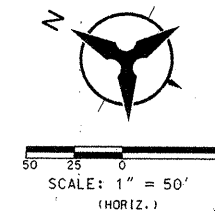
HEET 9 OF 13

SCANNED BY  
PLANNING

| Curve Table |        |        |           |         | Edge of Road Transition Curve Table |        |        |           |         |
|-------------|--------|--------|-----------|---------|-------------------------------------|--------|--------|-----------|---------|
| ID          | ARC    | RADIUS | DELTA     | TANGENT | ID                                  | ARC    | RADIUS | DELTA     | TANGENT |
| C7          | 193.27 | 305.04 | 36°18'04" | 100.00  | C8A                                 | 117.45 | 637.00 | 10°33'50" | 58.89   |
| C8          | 115.47 | 650.00 | 10°10'43" | 57.89   | C8B                                 | 113.15 | 663.00 | 09°46'42" | 56.71   |



UNIVERSE BLVD.



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| ENGINEER'S SEAL |  | SURVEY INFORMATION |      | BENCH MARKS            |      | AS-BUILT INFORMATION   |      |
|-----------------|--|--------------------|------|------------------------|------|------------------------|------|
|                 |  | NO.                | DATE | NO.                    | DATE | NO.                    | DATE |
|                 |  | BY                 | DATE | BY                     | DATE | BY                     | DATE |
| REVISIONS       |  | REMARKS            |      | MICRO-FILM INFORMATION |      | MICRO-FILM INFORMATION |      |
|                 |  | DESIGN             |      | NO.                    |      | NO.                    |      |
|                 |  | PLT                |      | DATE                   |      | DATE                   |      |
|                 |  | TSG                |      | DATE                   |      | DATE                   |      |
| DESIGNED BY     |  | PLT                |      | DATE                   |      | DATE                   |      |
| DRAWN BY        |  | TSG                |      | DATE                   |      | DATE                   |      |
| CHECKED BY      |  | PLT                |      | DATE                   |      | DATE                   |      |

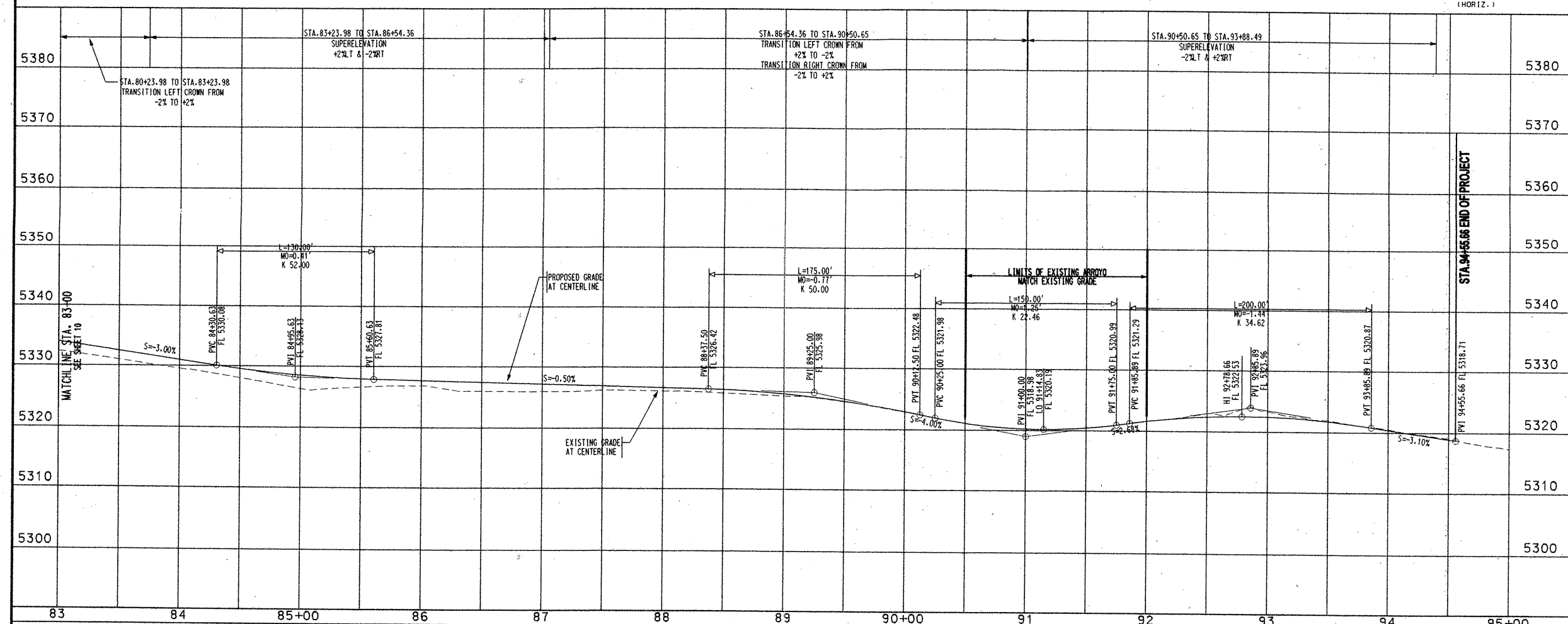
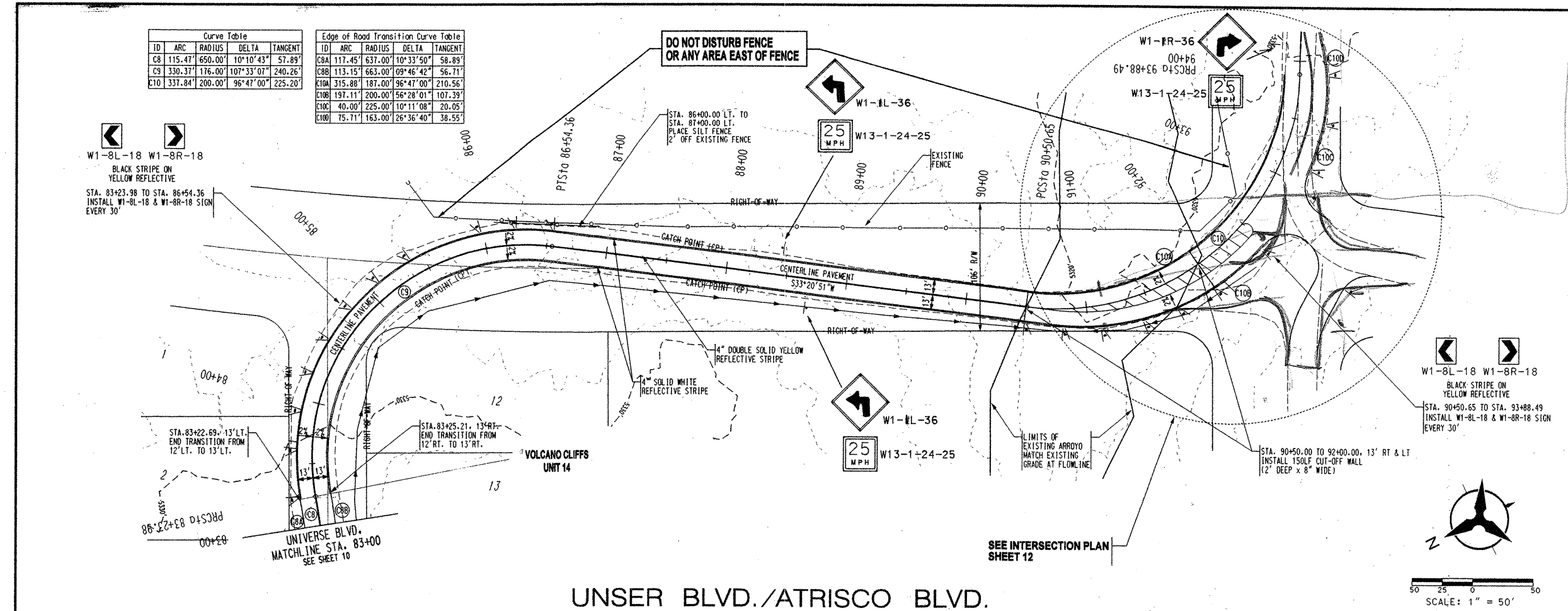
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Courtney One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

INTERIM UNIVERSE BLVD.  
PAVING PLAN & PROFILE  
STA. 75+00.00 - 83+00.00

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

CITY PROJECT NO. **693381** ZONE MAP NO. **B.C.09-10** SHEET **10** OF **13**



**NOTES:**

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**ENGINEER'S SEAL SURVEY INFORMATION**

**FIELD NOTES**

**AS-BUILT INFORMATION**

**REVISIONS**

| NO. | DATE    | BY  | REMARKS   |
|-----|---------|-----|-----------|
| 1   | 03/2002 | PLT | DESIGN    |
| 2   | 03/2002 | TSG | REVISIONS |
| 3   | 03/2002 | PLT | DESIGN    |

**Bohannon & Huston**

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ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

**INTERIM UNIVERSE BLVD.**

PAVING PLAN & PROFILE

STA. 83+00.00 - 94+00.00

**APPROVE**

AUG 12 2002

**APPROVE**

AUG 20 2002

**CITY ENGINEER**

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

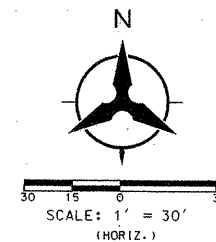
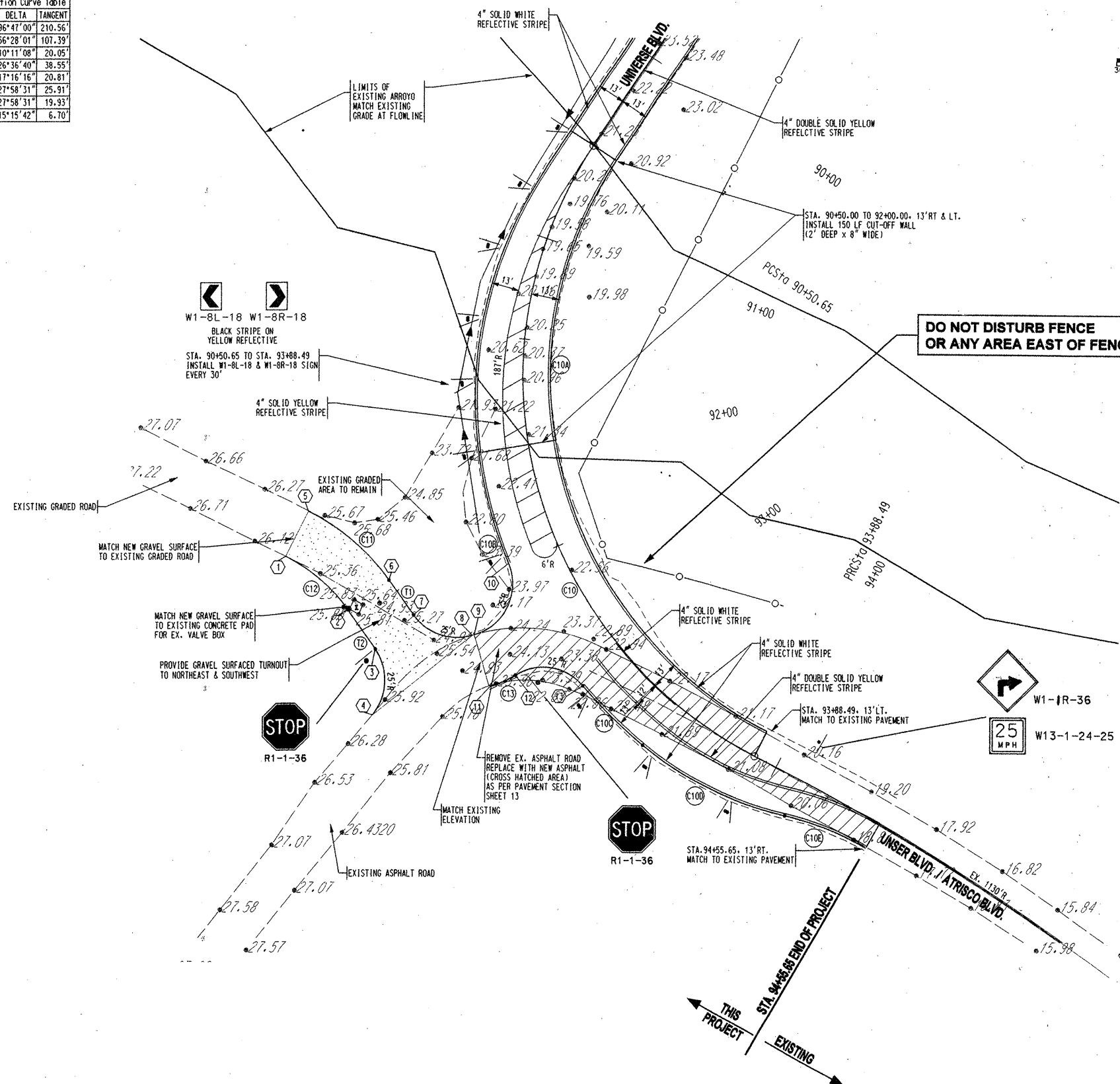
CITY PROJECT NO. 69338

ZONE MAP NO. B.C.D9-10

SHEET 11 OF 13

| Edge of Road Transition Curve Table |         |         |           |         |
|-------------------------------------|---------|---------|-----------|---------|
| ID                                  | ARC     | RADIUS  | DELTA     | TANGENT |
| C10A                                | 315.88' | 187.00' | 96°47'00" | 210.56' |
| C10B                                | 197.11' | 200.00' | 56°28'01" | 107.39' |
| C10C                                | 40.00'  | 225.00' | 10°11'08" | 20.05'  |
| C10D                                | 75.71'  | 163.00' | 26°36'40" | 38.55'  |
| C10E                                | 41.30'  | 137.00' | 17°16'16" | 20.81'  |
| C11                                 | 50.78'  | 104.00' | 27°58'31" | 25.91'  |
| C12                                 | 39.06'  | 80.00'  | 27°58'31" | 19.93'  |
| C13                                 | 13.32'  | 50.00'  | 15°15'42" | 6.70'   |

| Point Table |           |           |
|-------------|-----------|-----------|
| ○           | EASTING   | NORTHING  |
| 1           | 358011.24 | 1516251.2 |
| 2           | 358040.61 | 1516226.0 |
| 3           | 358053.77 | 1516207.5 |
| 4           | 358052.52 | 1516176.9 |
| 5           | 358021.99 | 1516272.6 |
| 6           | 358060.17 | 1516239.9 |
| 7           | 358071.85 | 1516223.9 |
| 8           | 358099.79 | 1516214.1 |
| 9           | 358100.56 | 1516214.4 |
| 10          | 358116.73 | 1516248.2 |
| 11          | 358108.15 | 1516190.6 |
| 12          | 358120.24 | 1516196.0 |
| 13          | 358152.24 | 1516191.4 |



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| SURVEY INFORMATION |             | BENCH MARKS |                                     | AS-BUILT INFORMATION   |      |
|--------------------|-------------|-------------|-------------------------------------|------------------------|------|
| NO.                | FIELD NOTES | DATE        | CONTRACTOR                          | RECORDED BY            | DATE |
|                    |             |             | ACS BRASS TABLE STAMPED "1-89 1980" | INSPECTOR'S            | DATE |
|                    |             |             | GEOGRAPHIC POSITION (NAD 1927)      | ACCEPTANCE BY          | DATE |
|                    |             |             | N.M. STATE PLANE COORDINATES        | VERIFICATION BY        | DATE |
|                    |             |             | (CENTRAL ZONE) X=555.077.00         | DRAWINGS               | DATE |
|                    |             |             | Y=1.529.056.93                      | CORRECTED BY           | DATE |
|                    |             |             | GROUND-TO-GRID FACTOR = .99966334   | MICRO-FILM INFORMATION |      |
|                    |             |             | DELTA ALPHA -00° 16' 47"            | RECORDED BY            | DATE |
|                    |             |             | NGVD 1929 ELEVATION = 5450.51       | NO.                    |      |

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 Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

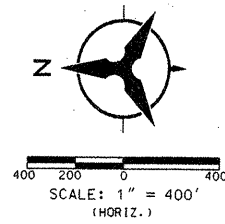
 CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

INTERIM UNIVERSE BLVD.

INTERSECTION PLAN  
UNSER BLVD./ATRISCO BLVD.

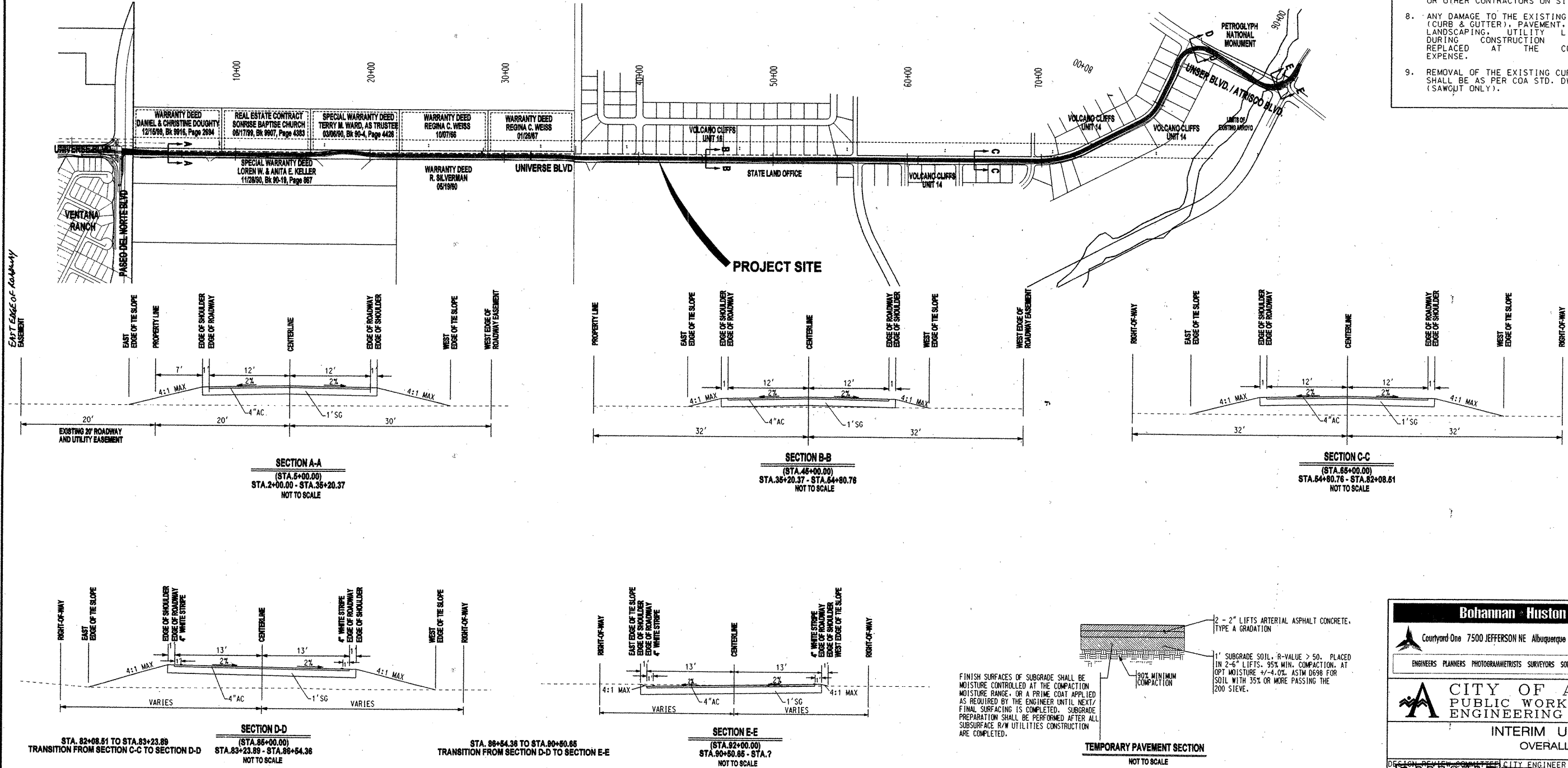
| DESIGN REVIEW COMMITTEE                                                                                                |                                                                                                                        | CITY ENGINEER APPROVAL |  | MO./DAY/YR. | MO./DAY/YR. |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------|--|-------------|-------------|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>APPROVE</b><br/> <b>AUG 12 2002</b> </div> | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>APPROVE</b><br/> <b>AUG 20 2002</b> </div> | LAST DESIGN<br>UPDATE  |  |             |             |
|                                                                                                                        |                                                                                                                        |                        |  |             |             |
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|                  |        |              |           |       |    |    |    |
|------------------|--------|--------------|-----------|-------|----|----|----|
| CITY PROJECT NO. | 693381 | ZONE MAP NO. | B,C,D9-10 | SHEET | 12 | OF | 13 |
|------------------|--------|--------------|-----------|-------|----|----|----|



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| AS-BUILT INFORMATION |      |    |     | BENCH MARKS  |      |    |     | SURVEY INFORMATION |      |    |     | FIELD NOTES  |      |    |     |
|----------------------|------|----|-----|--------------|------|----|-----|--------------------|------|----|-----|--------------|------|----|-----|
| CONTRACTOR           | DATE | BY | NO. | CONTRACTOR   | DATE | BY | NO. | CONTRACTOR         | DATE | BY | NO. | CONTRACTOR   | DATE | BY | NO. |
| STAKED BY            | DATE | BY | NO. | STAKED BY    | DATE | BY | NO. | STAKED BY          | DATE | BY | NO. | STAKED BY    | DATE | BY | NO. |
| INSPECTED BY         | DATE | BY | NO. | INSPECTED BY | DATE | BY | NO. | INSPECTED BY       | DATE | BY | NO. | INSPECTED BY | DATE | BY | NO. |
| FIELD NOTES          | DATE | BY | NO. | FIELD NOTES  | DATE | BY | NO. | FIELD NOTES        | DATE | BY | NO. | FIELD NOTES  | DATE | BY | NO. |
| REVISIONS            | DATE | BY | NO. | REVISIONS    | DATE | BY | NO. | REVISIONS          | DATE | BY | NO. | REVISIONS    | DATE | BY | NO. |
| DESIGNED BY          | DATE | BY | NO. | DESIGNED BY  | DATE | BY | NO. | DESIGNED BY        | DATE | BY | NO. | DESIGNED BY  | DATE | BY | NO. |
| DRAWN BY             | DATE | BY | NO. | DRAWN BY     | DATE | BY | NO. | DRAWN BY           | DATE | BY | NO. | DRAWN BY     | DATE | BY | NO. |
| CHECKED BY           | DATE | BY | NO. | CHECKED BY   | DATE | BY | NO. | CHECKED BY         | DATE | BY | NO. | CHECKED BY   | DATE | BY | NO. |



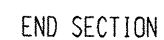
**Bohannon + Huston**  
Courtyard One 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP  
INTERIM UNIVERSE BLVD.  
OVERALL PAVING PLAN

|                         |                         |                    |             |
|-------------------------|-------------------------|--------------------|-------------|
| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL  | MO./DAY/YR.        | MO./DAY/YR. |
| APPROVED<br>AUG 12 2002 | APPROVED<br>AUG 20 2002 |                    |             |
| DESIGN REVIEW           | CITY ENGINEER           | LAST DESIGN UPDATE |             |
| CITY PROJECT NO. 693381 | ZONE MAP NO. B.C.D9-10  | SHEET 13           | OF 13       |



**(STATION 6+00)**  
**NOT TO SCALE**



**(STATION 32+00)**  
**NOT TO SCALE**

- | SURVEY INFORMATION |                        | BENCH MARKS                                                                   |  | AS-BUILT INFORMATION     |                              |
|--------------------|------------------------|-------------------------------------------------------------------------------|--|--------------------------|------------------------------|
| NO.                | FIELD NOTES<br>BY DATE | ACCS BRASS TABLET STAMPED "1-89 1980"                                         |  | CONTRACTOR               |                              |
|                    |                        | GEOGRAPHIC POSITION (NAD 1927)                                                |  | WORK<br>RECORDED BY      | INSPECTOR'S<br>ACCEPTANCE BY |
|                    |                        | N.M. STATE PLANE COORDINATES<br>(CENTRAL ZONE) X=355,077.00<br>Y=1,529,056.93 |  | FIELD<br>LOCATION BY     | DATE                         |
|                    |                        | GROUND-TD-GRID FACTOR = .999666334<br>DELTA ALPHA -00°16'47"                  |  | DRAWINGS<br>CORRECTED BY | DATE                         |
|                    |                        |                                                                               |  | MICRO-FILM INFORMATION   |                              |
|                    |                        |                                                                               |  | RECORDED BY              | DATE                         |
|                    |                        |                                                                               |  | NO.                      |                              |

[illegible]

Bohannon &amp; Huston

 Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

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 CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

INTERIM UNIVERSE BLVD.  
CULVERT CROSSING DETAILS

|                            |  |                         |  |                       |  |             |  |
|----------------------------|--|-------------------------|--|-----------------------|--|-------------|--|
| DESIGN REVIEW COMMITTEE    |  | DESIGN REVIEW COMMITTEE |  | MO./DAY/YR.           |  | MO./DAY/YR. |  |
| APPROVE                    |  | APPROVE                 |  | LAST DESIGN<br>UPDATE |  |             |  |
| AUG 12 2012                |  | AUG 20 2012             |  |                       |  |             |  |
| DESIGN<br>REVIEW COMMITTEE |  | CITY ENGINEER           |  |                       |  |             |  |

|                  |              |       |    |
|------------------|--------------|-------|----|
| CITY PROJECT NO. | ZONE MAP NO. | SHEET | OF |
| (09338)          | B.C.D9-10    | 13A   | 13 |