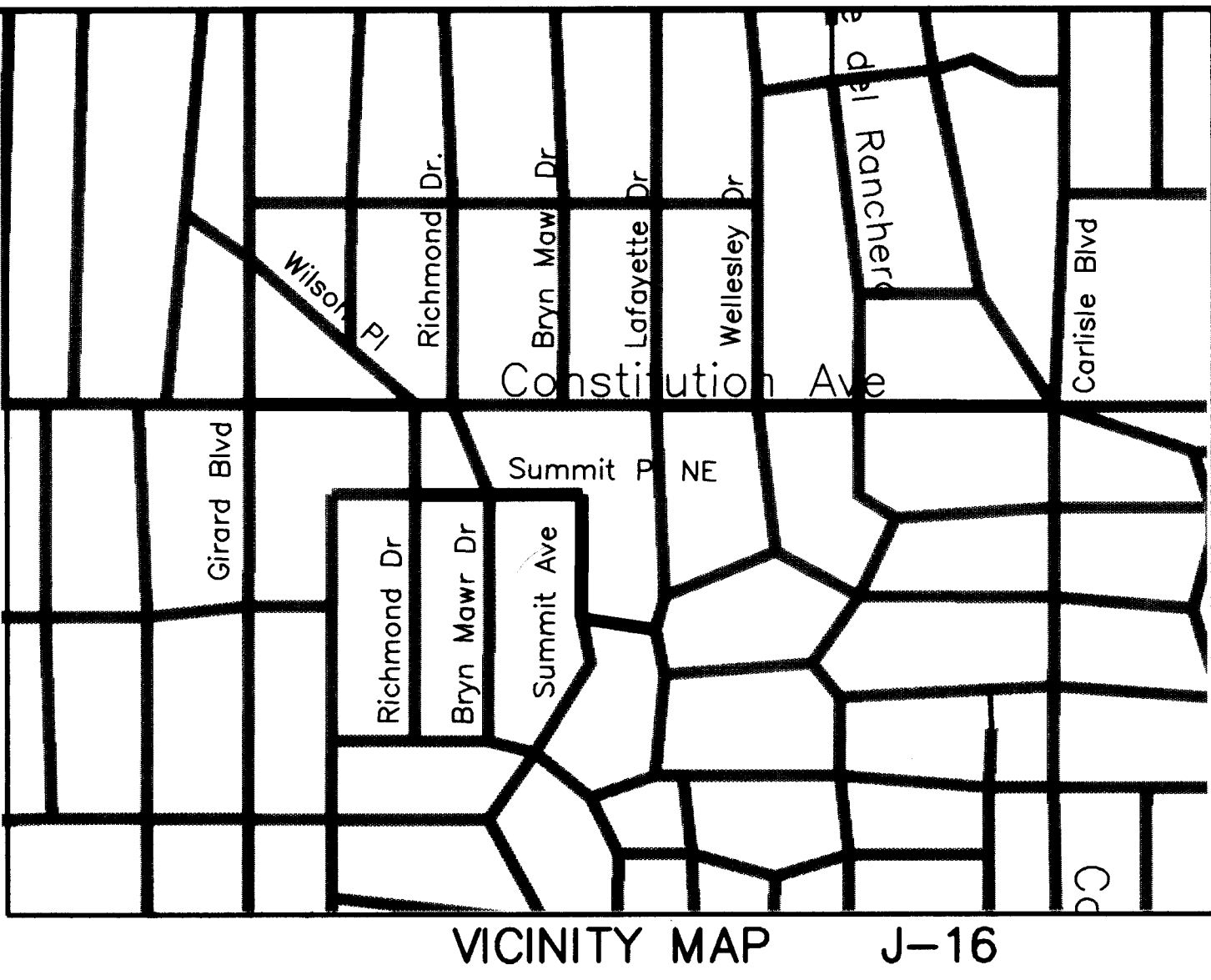
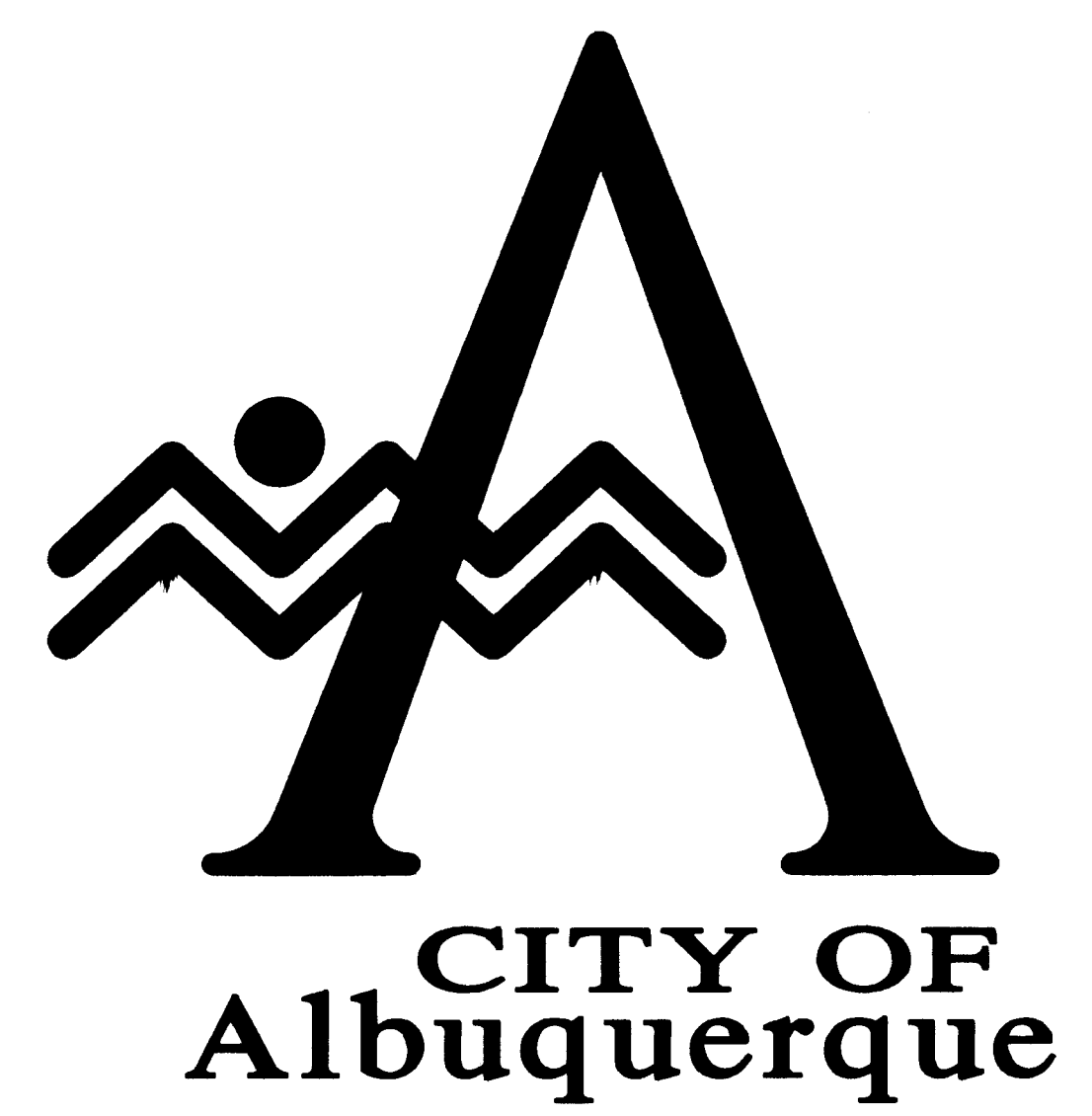


CONSTRUCTION PLANS FOR  
CONSTITUTION AVENUE  
AND SUMMIT PLACE  
SEWER REPLACEMENT



CITY OF ALBUQUERQUE PROJECT NUMBER 5103.96  
OCTOBER 1996



INDEX

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| 3.        | MISCELLANEOUS DETAILS                                         |
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| 6.        | SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS.           |
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RECORD DRAWING  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.

APPROVED FOR CONSTRUCTION  
CHIEF CONSTRUCTION ENGINEER  
*Eddie Roybal*  
DATE 7-14-98  
CIP 5103.96  
CITY INSPECTOR: EDDIE ROYBAL

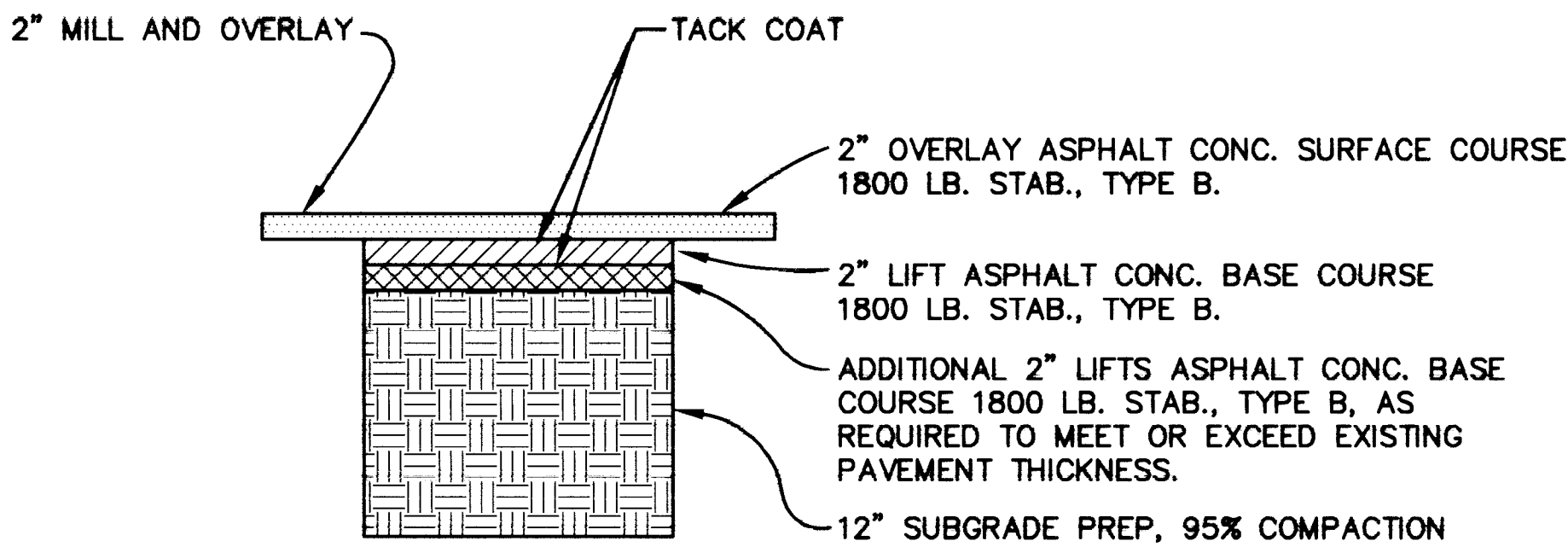
**Consult Planning West, Inc.**  
ENGINEERS AND PLANNERS  
4000 Indian School Road, NE, Suite 100  
Albuquerque, New Mexico 87112  
Phone: (505) 255-9498 Fax: (505) 255-9498

|                             |                |                  |                          |                          |        |          |                   |                                         |        |      |                |      |        |
|-----------------------------|----------------|------------------|--------------------------|--------------------------|--------|----------|-------------------|-----------------------------------------|--------|------|----------------|------|--------|
| REV.                        | 2, 6, 8, 9, 11 | ENGINEER         | <i>Billy J. Frickley</i> | DATE                     | 5-2-97 | USER     | <i>K. H. Hall</i> | DATE                                    | 5/1/97 | USER | <i>See Box</i> | DATE | 5/3/97 |
| ENGINEERS STAMP & SIGNATURE |                | APPROVALS        |                          | ENGINEER                 |        | DATE     |                   | APPROVED FOR CONSTRUCTION               |        |      |                |      |        |
|                             |                | DRC Chairman     |                          | <i>Billy J. Frickley</i> |        | 11-2-97  |                   | <i>See Box</i><br>City Engineer<br>Date |        |      |                |      |        |
|                             |                | Transportation   |                          | <i>K. H. Hall</i>        |        | 11-2-97  |                   |                                         |        |      |                |      |        |
|                             |                | Water/Wastewater |                          | <i>J. Frickley</i>       |        | 10-14-96 |                   |                                         |        |      |                |      |        |
|                             |                | Hydrology        |                          | <i>J. Frickley</i>       |        | 10/23/96 |                   |                                         |        |      |                |      |        |
|                             |                | Parks            |                          |                          |        |          |                   |                                         |        |      |                |      |        |
| Constr. Mngmt.              |                |                  |                          |                          |        |          |                   |                                         |        |      |                |      |        |
| CITY PROJECT No.            |                | CIP 5103.96      |                          |                          |        |          |                   |                                         |        |      |                |      |        |
| Sheet                       |                | 1 of 16          |                          |                          |        |          |                   |                                         |        |      |                |      |        |

SCANNED BY  
BY LASON

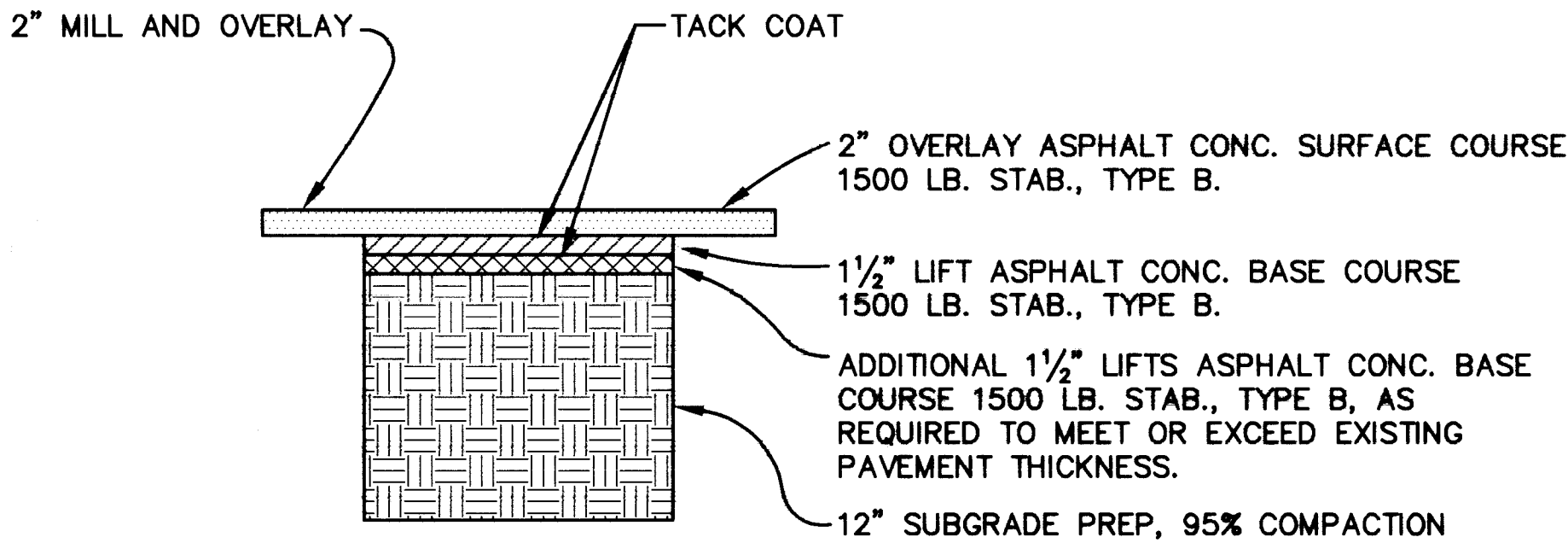
PAVING NOTES:

1. COMPACTION AS DETERMINED BY ASTM D 1557 MAX. DENSITY.
2. TRENCH CUT WIDTHS SHALL BE MIN. WIDTH REQ'D. FOR UTILITY INSTALLATION, ECONOMICAL BACKFILL COMPACTION AND COMPLIANCE WITH CURRENT AND APPLICABLE SAFETY REGULATIONS.
3. ALL PAVEMENT CUT EDGES WILL BE TRIMMED TO PRESENT AN EVEN LINE PRIOR TO REPLACEMENT OF PAVING MATERIALS. "STITCH" CUTTING OF PAVEMENT WILL NOT BE PERMITTED.
4. FOR ASPHALT CONC. PAVEMENT CUTS 8' OR MORE IN WIDTH AND LONGER THAN 100' SHALL BE PLACED WITH LAYDOWN MACHINE TO A DEPTH EQUAL TO THAT OF ASPHALT CONC. REMOVED.



CONSTITUTION AVENUE PAVEMENT REPLACEMENT SECTION

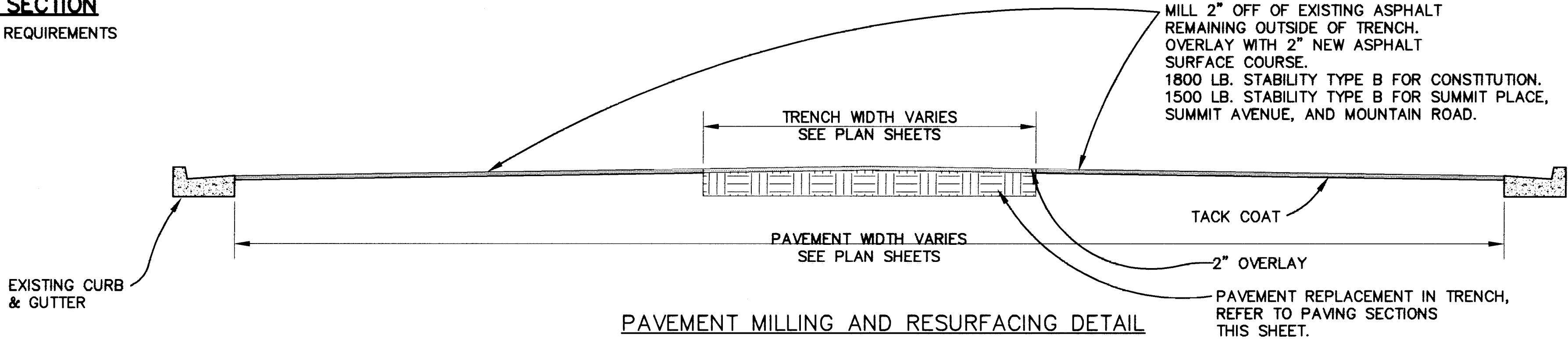
SEE STD. DWG. 2407 FOR ADDITIONAL REQUIREMENTS



SUMMIT PLACE, SUMMIT AVENUE, AND MOUNTAIN ROAD

PAVEMENT REPLACEMENT SECTION

SEE STD. DWG. 2405 FOR ADDITIONAL REQUIREMENTS



PAVEMENT MILLING AND RESURFACING DETAIL  
DETAIL APPLIES TO ALL SHEETS

GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
4. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, WHEELCHAIR RAMPS OR SIDEWALKS DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
6. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO.6.
7. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW ADDITIONAL CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
8. THE LOCATION OF ALL EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FINAL UTILITY LOCATION DETERMINATION IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION OF THE PROJECT.
9. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS PRIOR TO INITIATING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MONUMENT, THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR. THE MONUMENT SHALL ONLY BE REPLACED BY THE CITY SURVEY SECTION AT THE CONTRACTOR'S EXPENSE.
10. THE LOCATION OR DEPTH OF EXISTING UTILITIES MAY REQUIRE THE CONTRACTOR TO PROVIDE TRENCH PROTECTION FOR CONSTRUCTION OF THIS PROJECT. ALL COSTS ASSOCIATED WITH SHORING, BRACING, AND RELOCATION OF EXISTING UTILITY LINES REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.
11. NO TWENTY FOUR (24) HOUR CONSTRUCTION IS REQUIRED FOR THE WORK IN CONSTITUTION AVENUE IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY.
12. PROPERTY LINES SHOWN IN DRAWNGS ARE APPROXIMATE AND NOT TO BE USED TO DEFINE RIGHT-OF-WAY OR TRUE PROPERTY LINES.

UTILITY OWNERS  
TELEPHONE

A.T. & T.  
ISHMAEL PANTOJA (505)842-2806  
U.S. WEST COMMUNICATIONS  
NORMA CARRILLO (505)245-8706

ELECTRICITY

P.N.M. ELECTRIC SERVICES  
JIM VANN (505)848-3426

GAS

P.N.M. GAS SERVICES  
DEBBIE O'CALLAGHAN (505)241-7705

CABLE TELEVISION

JONES INTERCABLE  
KAREN SHORE (505)761-6220

WATER

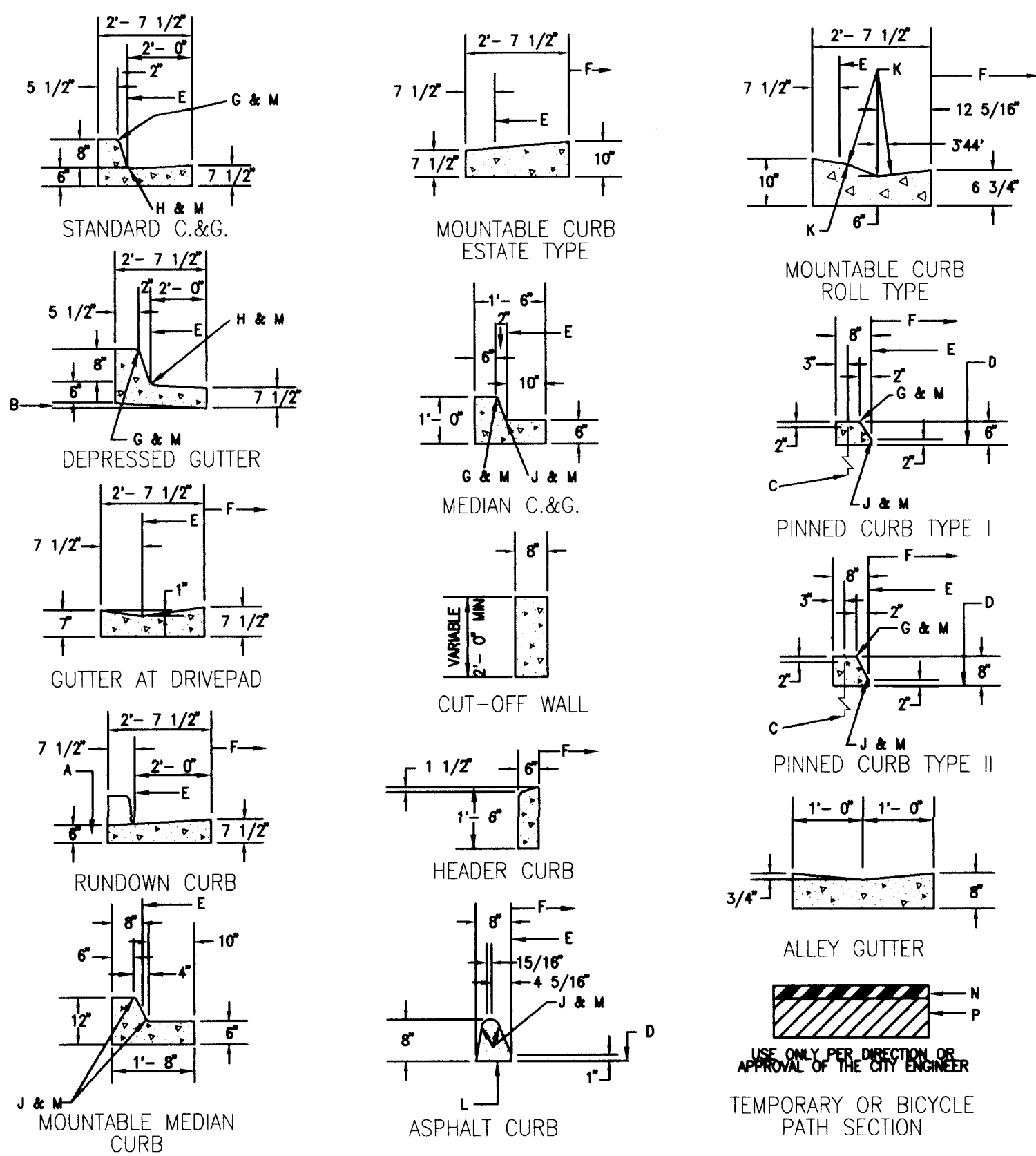
CITY OF ALBUQUERQUE  
857-8200

SEWER

CITY OF ALBUQUERQUE  
873-6200

| AS BUILT INFORMATION       |              | BENCH MARKS |    | SURVEY INFORMATION    |      | ENGINEER'S SEAL |      | REVISIONS |      | DESIGN |      | REMARKS |      | BY  |      | DATE |      | OCTOBER 1996 |      | OCTOBER 1996 |      | OCTOBER 1996 |  |
|----------------------------|--------------|-------------|----|-----------------------|------|-----------------|------|-----------|------|--------|------|---------|------|-----|------|------|------|--------------|------|--------------|------|--------------|--|
| CONTRACTOR                 | CONSTRUCTED  | DATE        | BY | STANDARD              | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
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| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE | NO.             | DATE | NO.       | DATE | NO.    | DATE | NO.     | DATE | NO. | DATE | NO.  | DATE | NO.          | DATE | NO.          | DATE | NO.          |  |
| 7-J16, CITY OF ALBUQUERQUE | STATION IS A | DATE        | BY | STANDARD A.C.S. BRASS | DATE |                 |      |           |      |        |      |         |      |     |      |      |      |              |      |              |      |              |  |

Time: 13:54:43  
Date: 9/26/1996 BY: ELP  
Drawing File: K:\PROJECTS\30401\009\30401D02



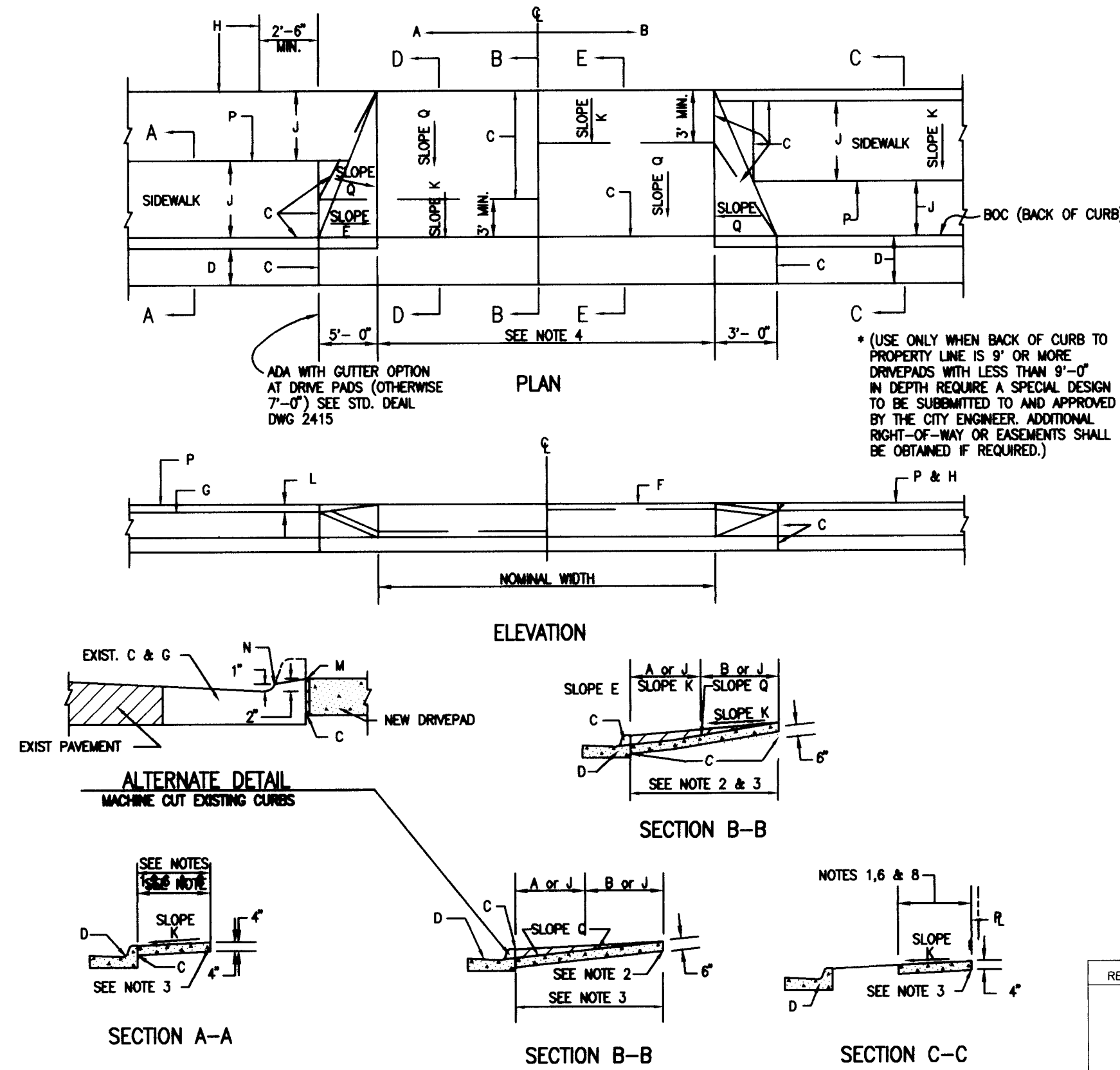
#### GENERAL NOTES:

1. CURBS, GUTTERS & CUT-OFF WALL TO BE CONSTRUCTED OF P.C.C.
2. FOR STANDARD AND MEDIAN C. & G. PROVIDE CONTRACTION JTS. 6" O.C. MAX. ALSO PROVIDE 1/2" EXP. JTS. 48" O.C. MAX. AT CURB RETURNS & AT EACH SIDE OF DRIVEWAY.
3. FOR ALL OTHER C. & G. PROVIDE CONTR. JTS. AT 10' O.C., PROVIDE EXP. JTS. 50' O.C. & ADJACENT TO BUILDINGS & WALLS.
4. EDGES NOT SPEC. DIMENSIONED SHALL BE EDGED WITH A 3/8" EDGING TOOL.
5. STD. C. & G. SHALL BE USED FOR NEW CONSTR. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. REMOVE & REPLACE 12" WIDE STRIP OF PAVEMENT BEYOND LIP OF GUTTER WHEN CONSTRUCTING C. & G. ADJACENT TO EXIST. A.C. PAVEMENT.
7. STD. C. & G. REQUIRE FULL FORM ON ALL FACES EXCEPT WITH PRIOR APPROVAL OF ENGINEER.

#### CONSTRUCTION NOTES:

- A. RED CONC. CHANNEL LINING OR CUT-OFF WALL. PROVIDE 1/2" EXP. JT. BETWEEN BACK OF CURB & CONC. LINING OR WALL.
- B. VARIABLE DEPRESS AS NEEDED.
- C. DRIVE NO. 4 BARS 18" DEEP IN HOLES DRILLED 2' O.C. IN EXIST. PAVEMENT. SEAL WITH EPOXY.
- D. EXIST. A.C. OR P.C.C. PAVEMENT.
- E. THEORETICAL FACE OF CURB OR FLOWLINE.
- F. TRAFFIC SIDE.
- G. 3/4" RADIUS.
- H. 1 1/2" RADIUS.
- J. 2" RADIUS.
- K. 24" RADIUS.
- L. TACK COAT.
- M. DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
- N. 2" A.C. SURFACE COURSE 1500 LBS. STABILITY.
- P. 6" COMPACTED SUBGRADE 90% COMPACTION.

| REVISIONS | CITY OF ALBUQUERQUE                               |
|-----------|---------------------------------------------------|
|           | PAVING CURB AND GUTTER & TEMPORARY PAVING SECTION |
|           | DWG. 2415                                         |
|           | AUG. 1986                                         |



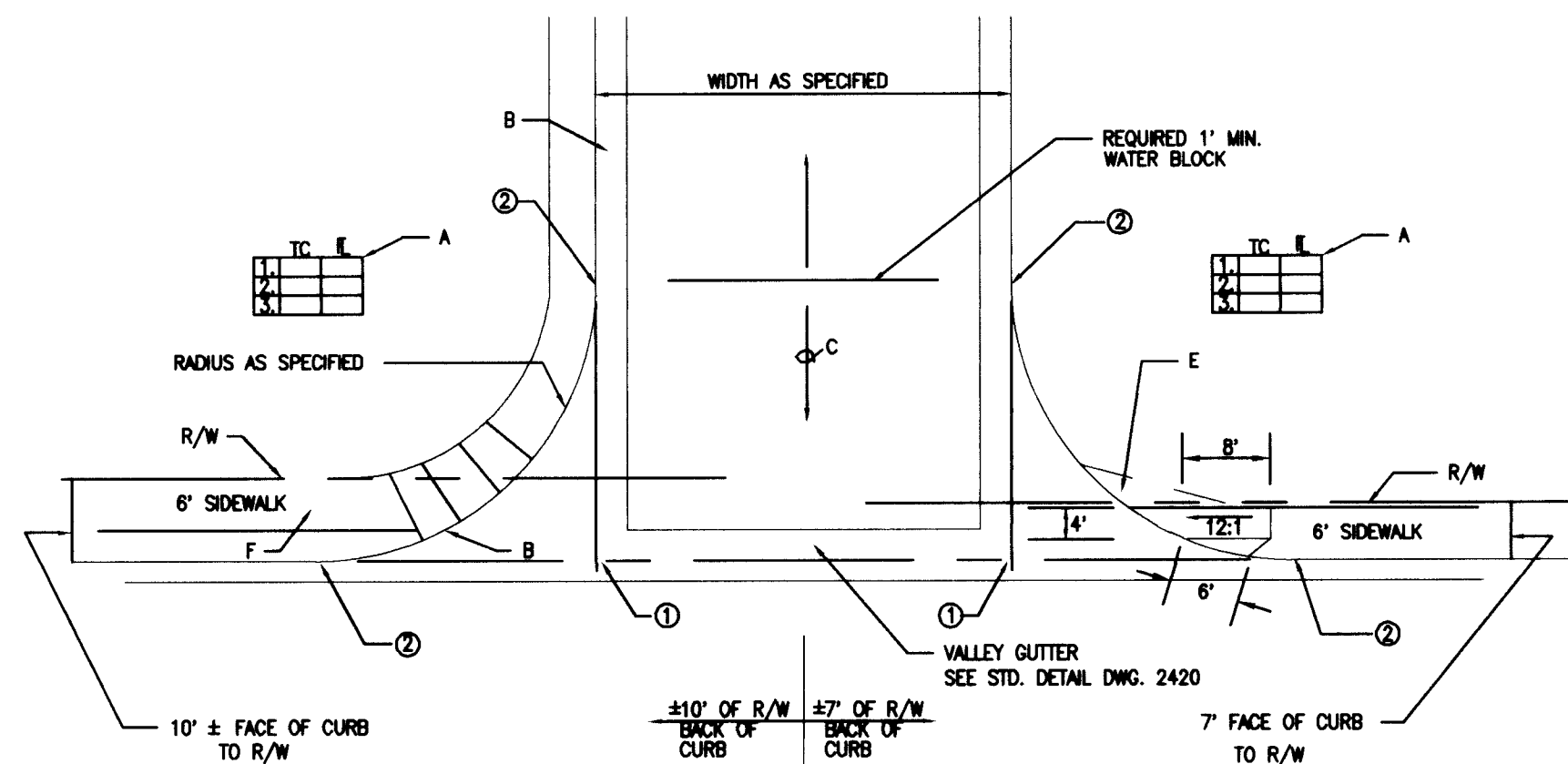
#### GENERAL NOTES:

1. DEVIATIONS FROM THESE STDS. SHALL BE SUBMITTED TO THE ENGINEER AND/OR TRAFFIC ENGR. FOR APPROVAL PRIOR TO CONSTRUCTION.
2. REQUEST FOR SIDEWALK VARIANCES SHALL BE SUBMITTED TO THE DEVELOPMENT REVIEW BOARD.
3. USE 1/2" EXP. JT. WHERE SIDEWALK OR DRIVEPAD ADJUTS BLDGS., FENCES, WALLS OR OTHER IMMOVABLE OBJECTS.
4. ALL DRIVEPADS SHALL BE A MIN. OF 6.5' IN DEPTH OR SHALL BE CONSTRUCTED FROM BACK OF CURB TO P/L. WHICHEVER IS GREATER.
5. DRIVEPADS WIDER THAN 18' (NOMINAL) SHALL HAVE 1/2" EXP. JT. AT MIDPOINT. DRIVEPADS WIDER THAN 36' SHALL HAVE 1/2" EXP. JT. 18' MAX. BETWEEN JT. EQUALLY SPACED.
6. CURB TYPE SIDEWALK SHALL BE USED ONLY WHEN VARIANCE IS APPROVED.
7. FOR SIDEWALK WIDTH, SEE CHAP. 23 OF THE DEVELOPMENT PROCESS MANUAL.
8. SUBGRADE UNDER SIDEWALK & DRIVEPAD SHALL BE COMPACTED TO 90% MAX. DENSITY TO A DEPTH OF 6".

#### CONSTRUCTION NOTES:

- A. CURB TYPE SIDEWALK.
- B. OFFSET SIDEWALK.
- C. 1/2" EXP. JT. ADJUST TO FIELD CONDITIONS ON REPLACEMENT WORK.
- D. CURB & GUTTER.
- E. SLOPE TO BE ADJUSTED TO PROVIDE A UNIFORM TRANSITION BETWEEN SIDEWALK & DRIVEPAD.
- F. TOP OF DRIVEPAD.
- G. TOP OF CURB.
- H. PROPERTY LINE.
- J. VARIABLE WIDTH.
- K. SLOPE 1/4" PER FT.
- L. FINISH GRADE AT PROPERTY LINE SHALL BE 0.33' ABOVE TOP OF CURB. (TYPICAL). IN CASES OF INSUFFICIENT R/W THIS REQUIREMENT CONFLICTS WITH SIDEWALK SLOPE REQUIREMENTS. DEVIATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- M. SAW CUT EXISTING CONCRETE FROM BACKSIDE OF CURB WITH SLOPE TOWARD FLOWLINE.
- N. EXPOSED CUT EDGES TO BE GROUND SMOOTH/ ROUNDED TO REMOVE SHARP EDGE.

| REVISIONS | CITY OF ALBUQUERQUE |
|-----------|---------------------|
|           | PAVING DRIVEPADS    |
|           | DWG. 2425           |
|           | AUG. 1986           |



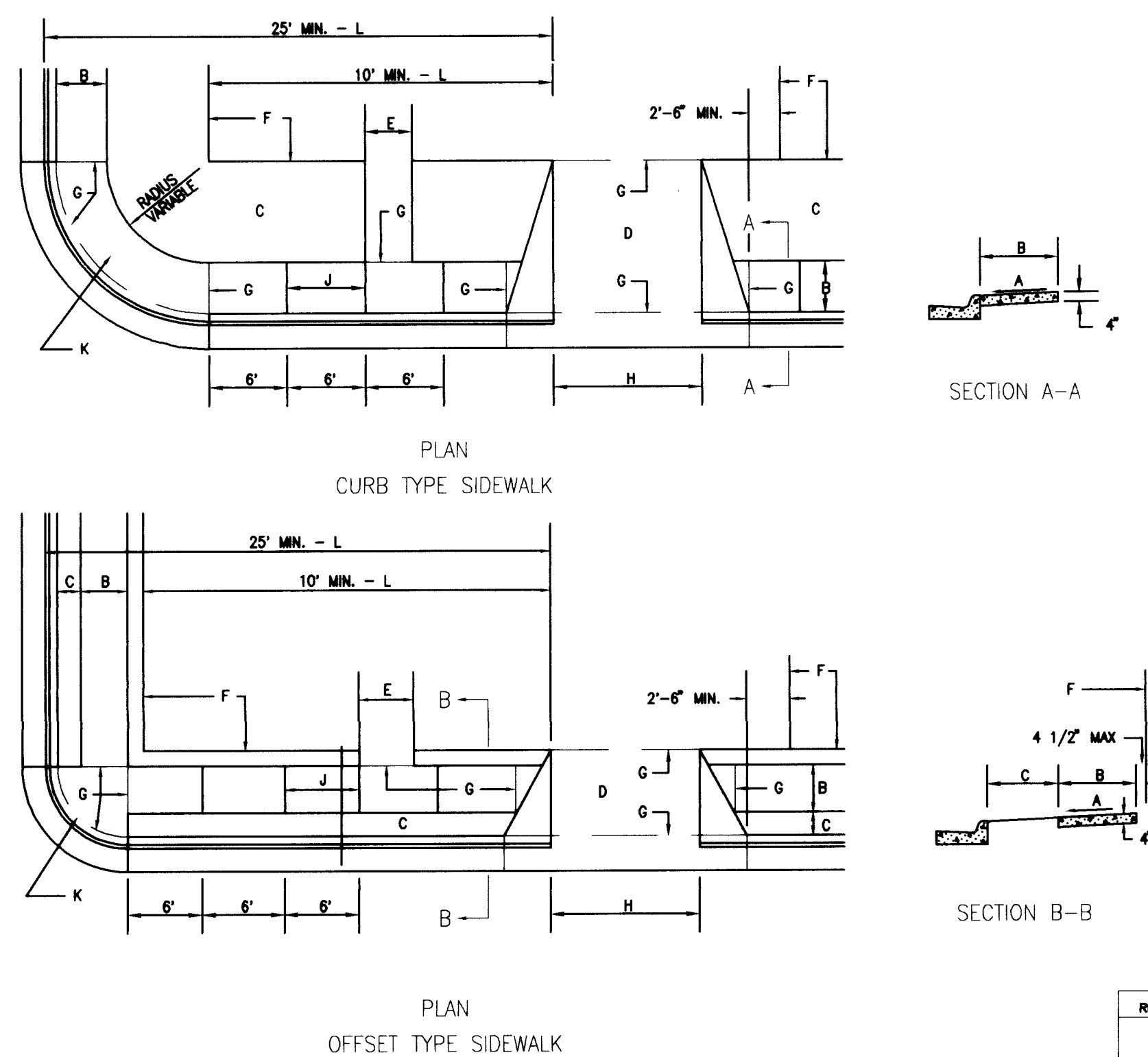
#### GENERAL NOTES:

1. THESE DETAILS ARE PROVIDED FOR HIGH TRAFFIC VOLUME PRIVATE ENTRANCES TO COMMERCIAL SITES AND THE LIKE, IN LIEU OF STANDARD DRIVEPADS.

#### CONSTRUCTION NOTES:

- A. INCLUDE QUARTER POINT ELEVATIONS. SEE STD. DETAIL DWG. 2420.
- B. WHERE INTERIOR SIDEWALK CONNECTION IS TO BE PROVIDED - CONSTRUCT HANDICAPPED RAMPS AS PER STD. DETAIL DWG. 2418.
- C. INITIAL GRADE TO BE 4% OR LESS WHEN CONNECTING TO COLLECTOR OR ARTERIAL STREETS. 6% OR LESS WHEN CONNECTING TO LOCAL STREETS.
- D. REQUIRED ELEVATIONS TO BE SHOWN ON THE GRADING PLAN: (1) E INTERSECTION. (2) CURB RETURN ELEVATIONS.
- E. AT PROPERTY LINE CONSTRUCT EITHER HEADER CURB OR SLOPE TRANSITION (3' AT CURB).
- F. IF SIDEWALK IS AGAINST CURB THE SIDEWALK SHOULD BE TRANSITIONED TO KEEP THE HANDICAP RAMP IN THE LOCATION SHOWN.

| REVISIONS | CITY OF ALBUQUERQUE                                                      |
|-----------|--------------------------------------------------------------------------|
|           | PAVING PRIVATE ENTRANCE DETAILS- ILLUSTRATING TWO SEPRATE R/W CONDITIONS |
|           | DWG. 2426                                                                |
|           | AUG. 1986                                                                |



#### GENERAL NOTES:

1. DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY ENGINEER AND/OR CITY TRAFFIC ENGR. FOR APPROVAL PRIOR TO CONSTRUCTION.
2. SUBGRADE UNDER SIDEWALKS AND DRIVEPADS SHALL BE COMPACTED TO 90% MAX. DENSITY TO A DEPTH OF 6".

#### CONSTRUCTION NOTES:

- A. SLOPE 1/4" PER FT.
- B. SIDEWALK WIDTHS SHALL BE IN ACCORDANCE WITH SIDEWALK ORDINANCE.
- C. SETBACK TO BE DETERMINED BY AVAILABLE R/W. SEE CHAPTER 23 OF THE DEVEL. PROC. MANUAL.
- D. SEE DRIVEPAD DETAIL, DWG. 2425.
- E. WALKWAY VARIABLE.
- F. PROPERTY LINE.
- G. 1/2" EXPANSION JOINTS WHERE SIDEWALK OR DRIVEPAD ADJUTS BLDGS., FENCES, WALLS OR OTHER IMMOVABLE OBJECTS.
- H. 12 FT. MIN. 22 FT. MAX. RESIDENTIAL. 12 FT. MIN. 28 FT. MAX. LIGHT COMMERCIAL. 20 FT. MIN. 35 FT. MAX. HEAVY COMMERCIAL.
- J. CONTRACTION JOINTS.
- K. FOR WHEEL CHAIR RAMPS, SEE DWGS. 2440, 2441.
- L. CHECK DIMENSION FROM BOTH PROPERTY LINE AND FLOWLINE. USE WHICHEVER PLACES DRIVEPAD FARTHEST FROM INTERSECTION.

| REVISIONS | CITY OF ALBUQUERQUE     |
|-----------|-------------------------|
|           | PAVING SIDEWALK DETAILS |
|           | DWG. 2430               |
|           | AUG. 1986               |

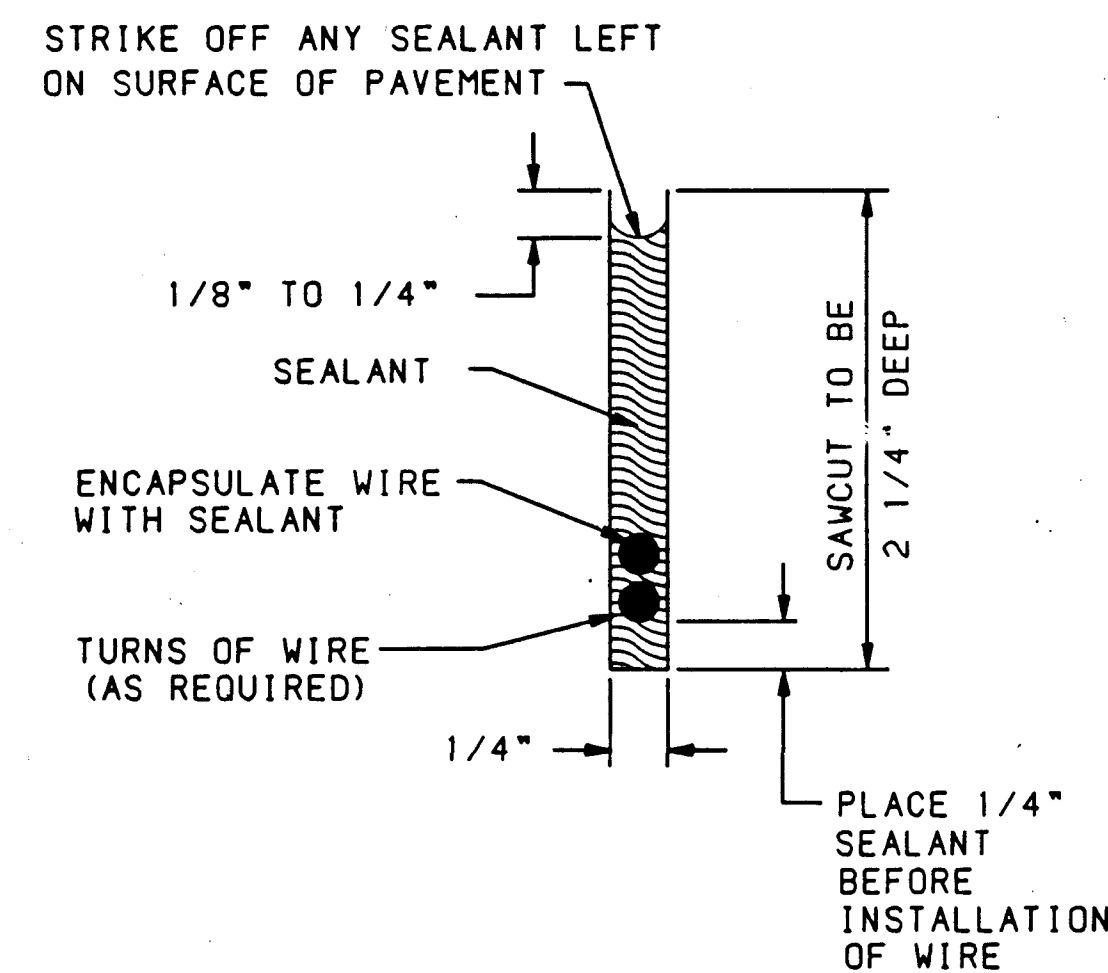
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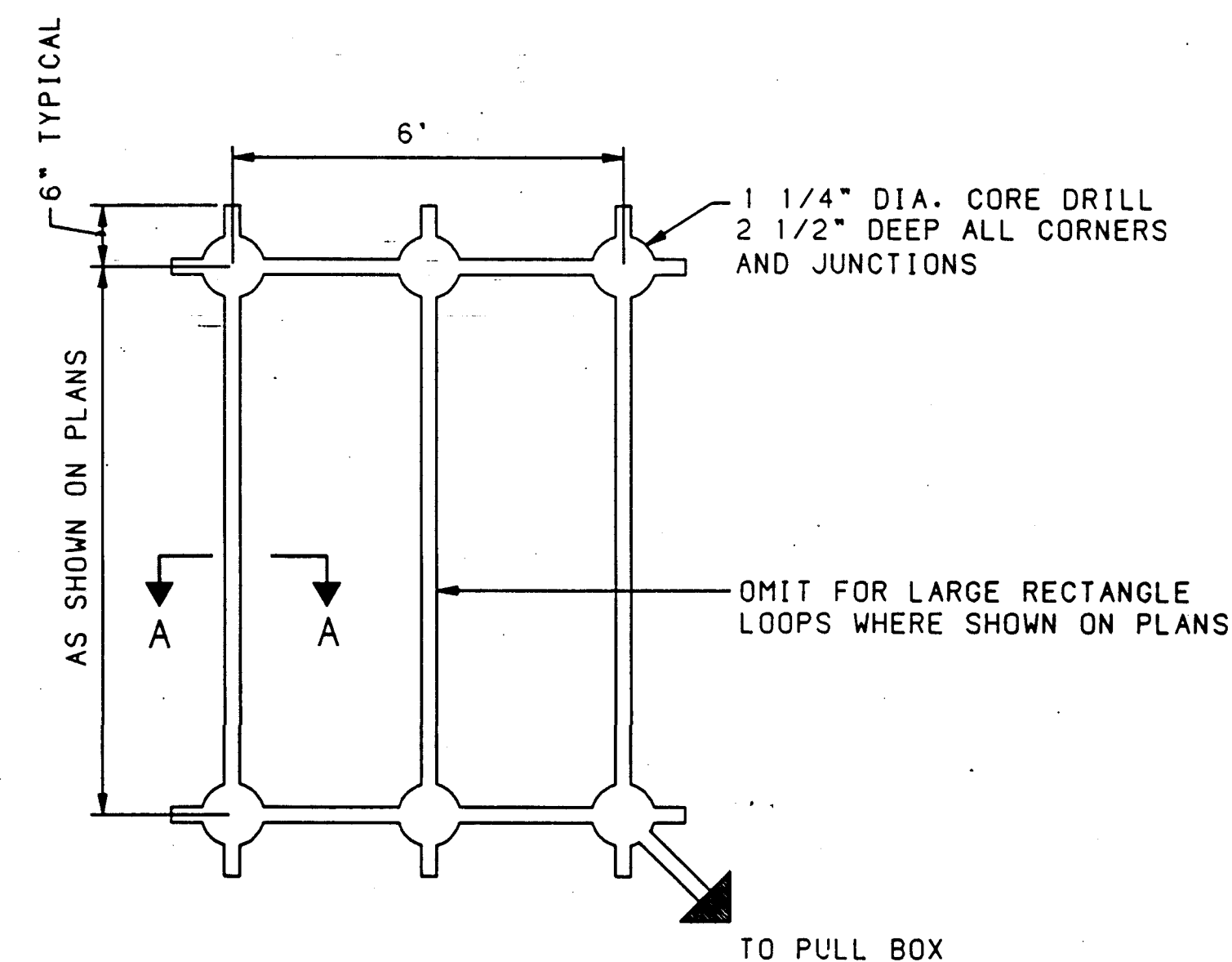
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP  
TITLE: CONSTITUTION AVE. & SUMMIT PL.  
MISCELLANEOUS DETAILS

| Design Review Committee | City Engineer Approval | Mc/Day/Yr. | Mc/Day/Yr. |
|-------------------------|------------------------|------------|------------|
| APPROVED                | APPROVED               |            |            |
| DESIGN REVIEW COMMITTEE | CITY ENGINEER          |            |            |
| City Project No.        | Zone Map No.           | Sheet      | Of         |
| 5103.96                 | J-16                   | 3          | 16         |

SCANNED BY  
BY LASON

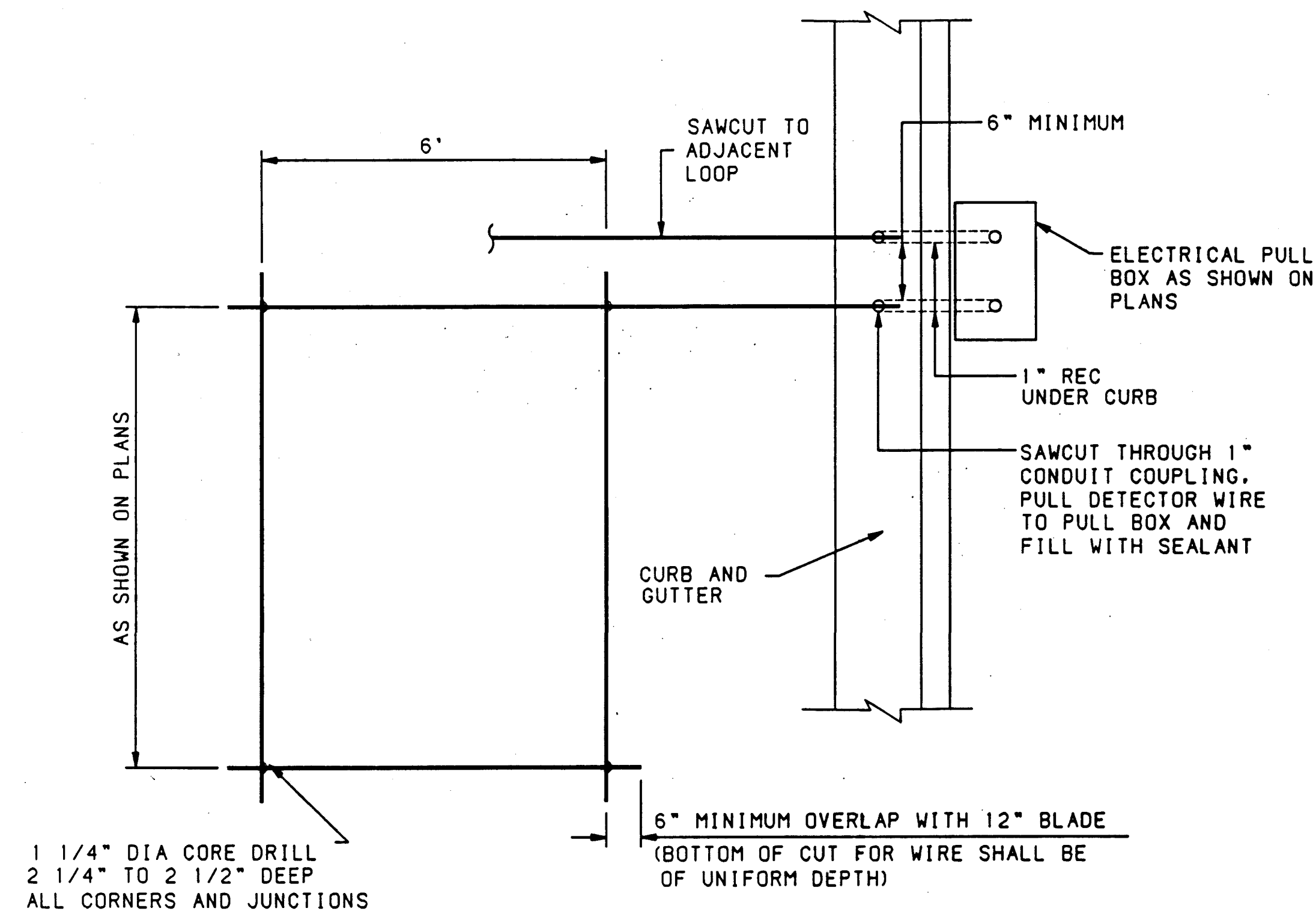


SECTION A-A

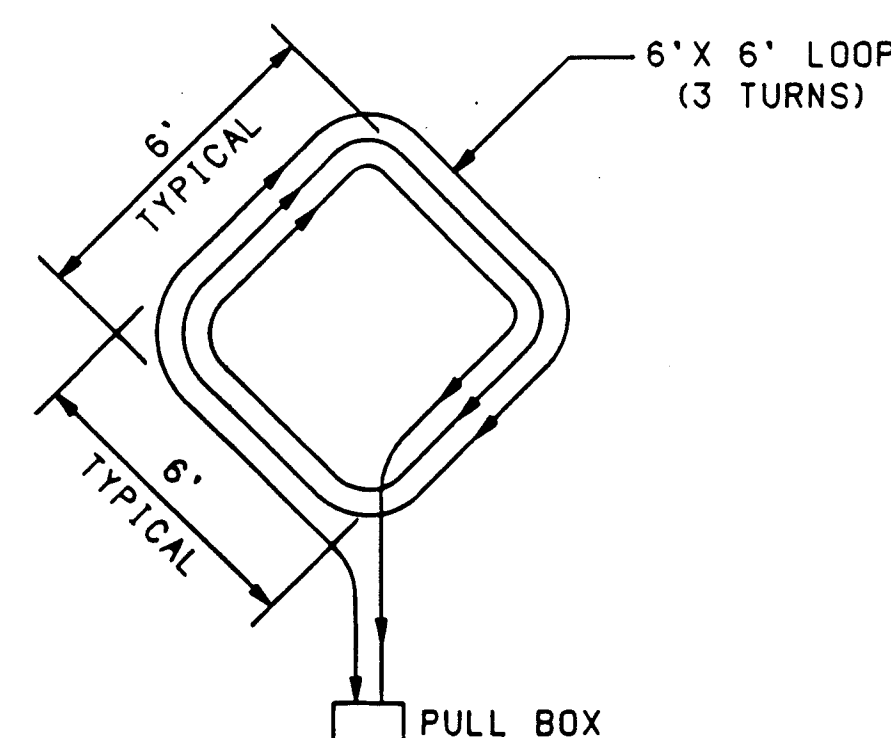


PLAN VIEW

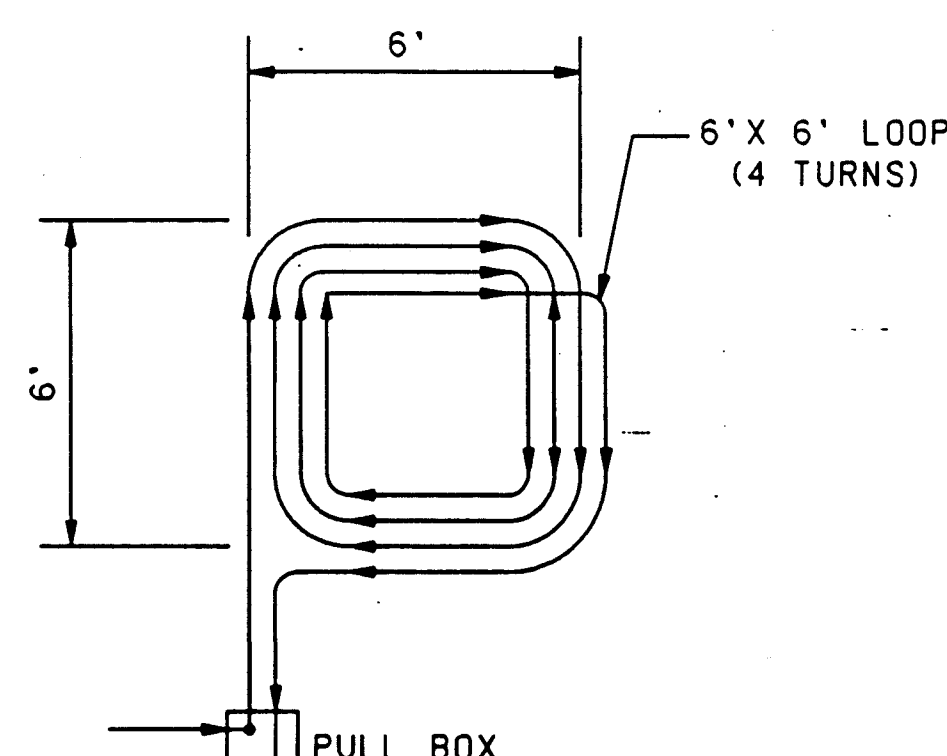
TYPICAL ROADWAY LOOP SAWCUT DETAIL



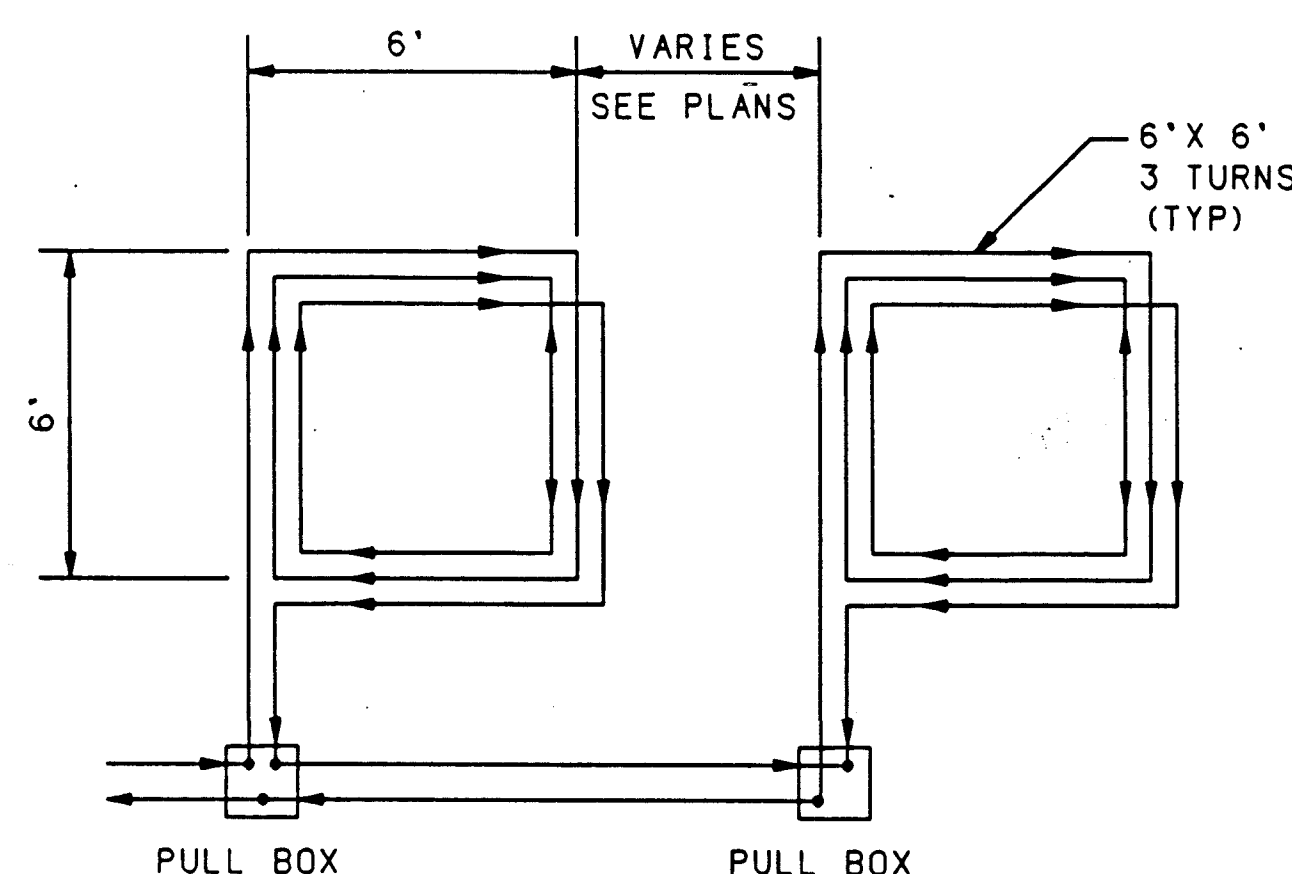
PLAN VIEW



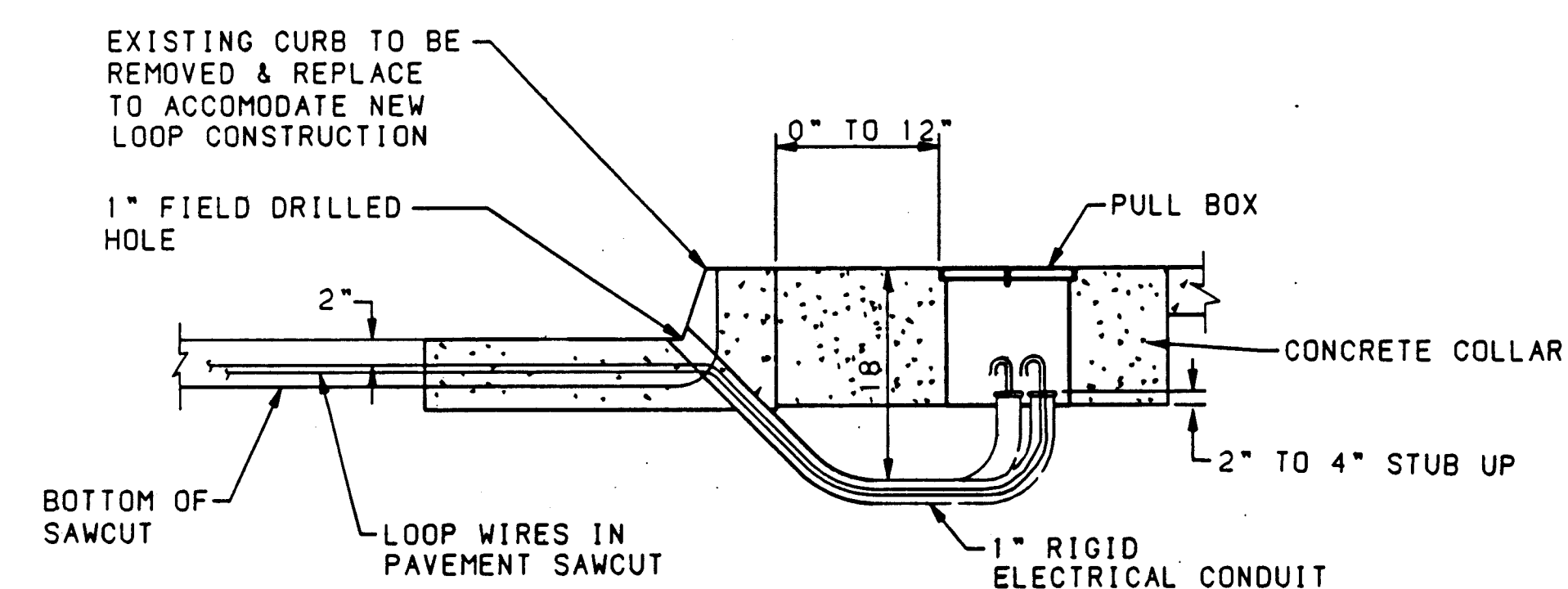
EXTEND CALL LOOP WIRING DETAIL



SYSTEM LOOP WIRING DETAIL

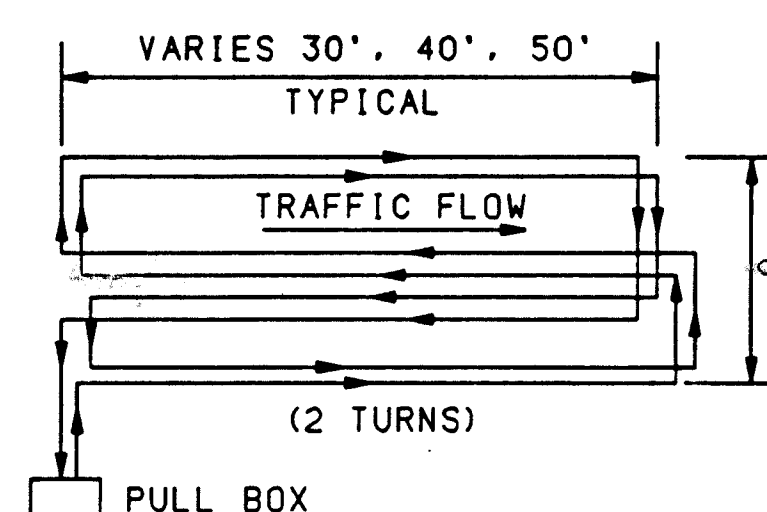


SERIES LOOP WIRING DETAIL

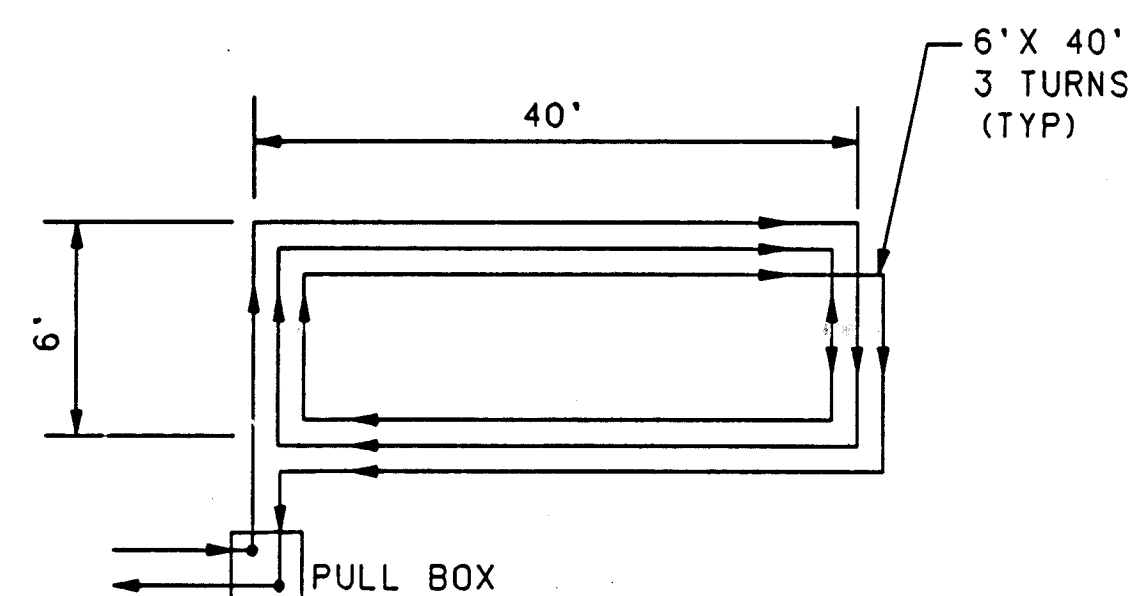


SECTION

LOOP WIRE TERMINATION DETAILS



QUADRUPOLE LOOP WIRING DETAIL



LARGE RECTANGULAR LOOP WIRING DETAIL

TYPICAL LOOP WIRE PLACEMENT DETAILS

NOTES

1. WIRES MUST BE WOUND IN THE DIRECTION SHOWN.
2. QUADRUPOLE LOOPS SHALL HAVE 2 TURNS.
3. EXTEND CALL LOOPS SHALL HAVE 3 TURNS.
4. SYSTEM DETECTOR LOOPS SHALL HAVE 4 TURNS.
5. LARGE RECTANGLE LOOPS SHALL HAVE 3 TURNS

LOOP DETECTOR NOTES

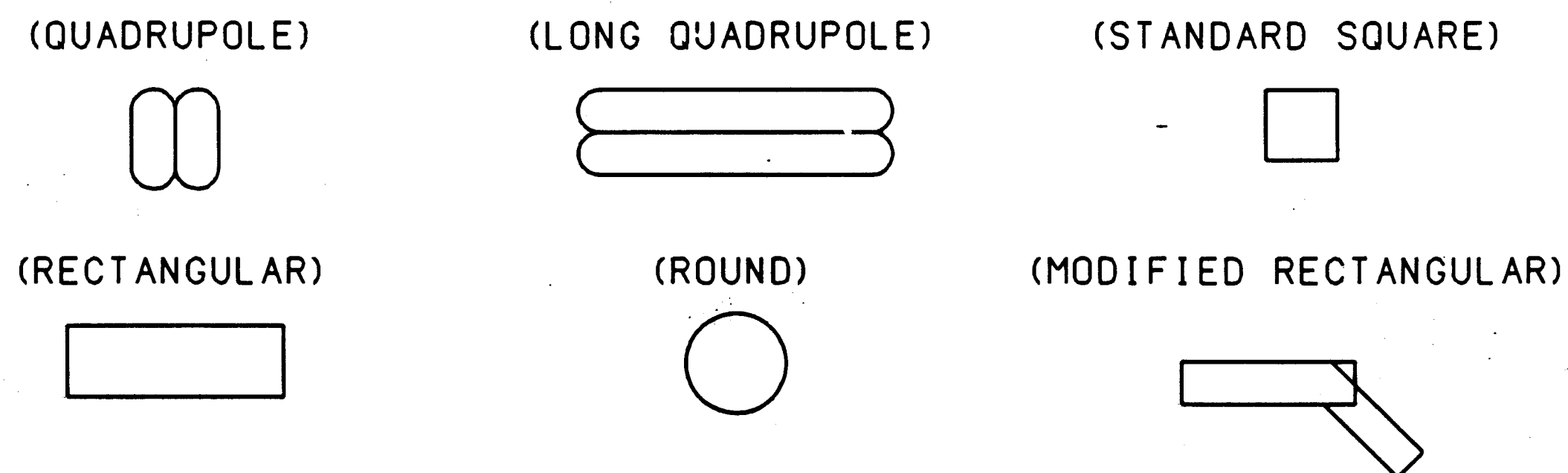
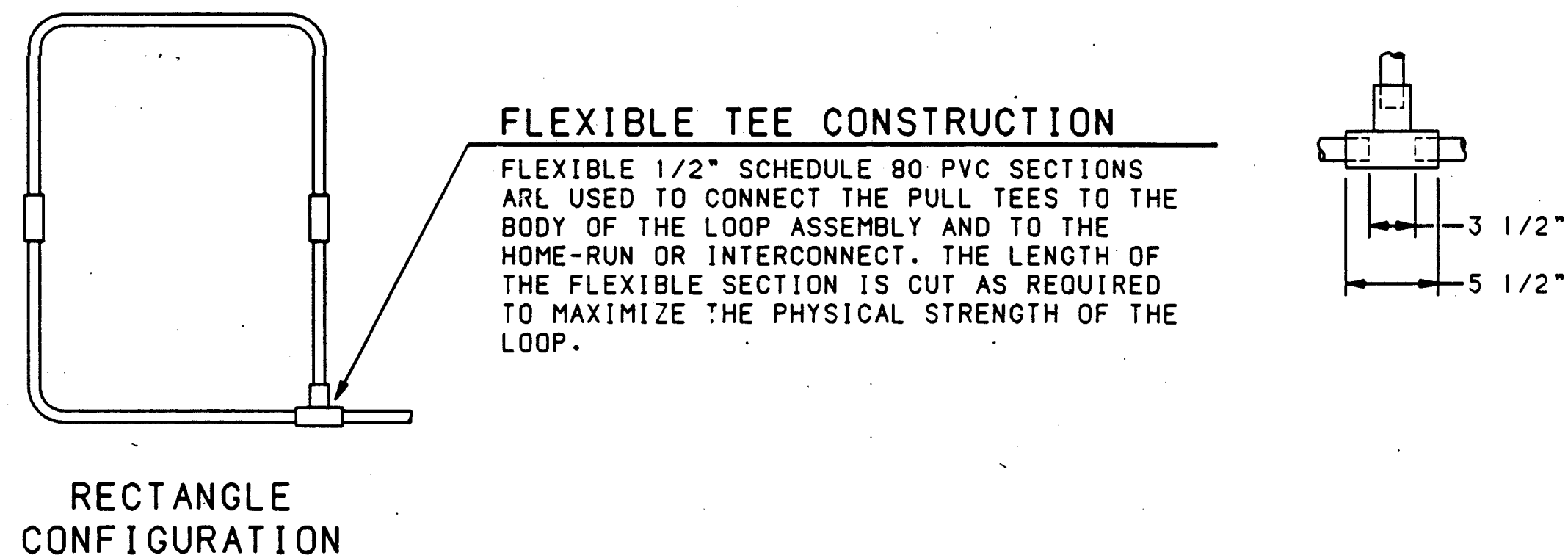
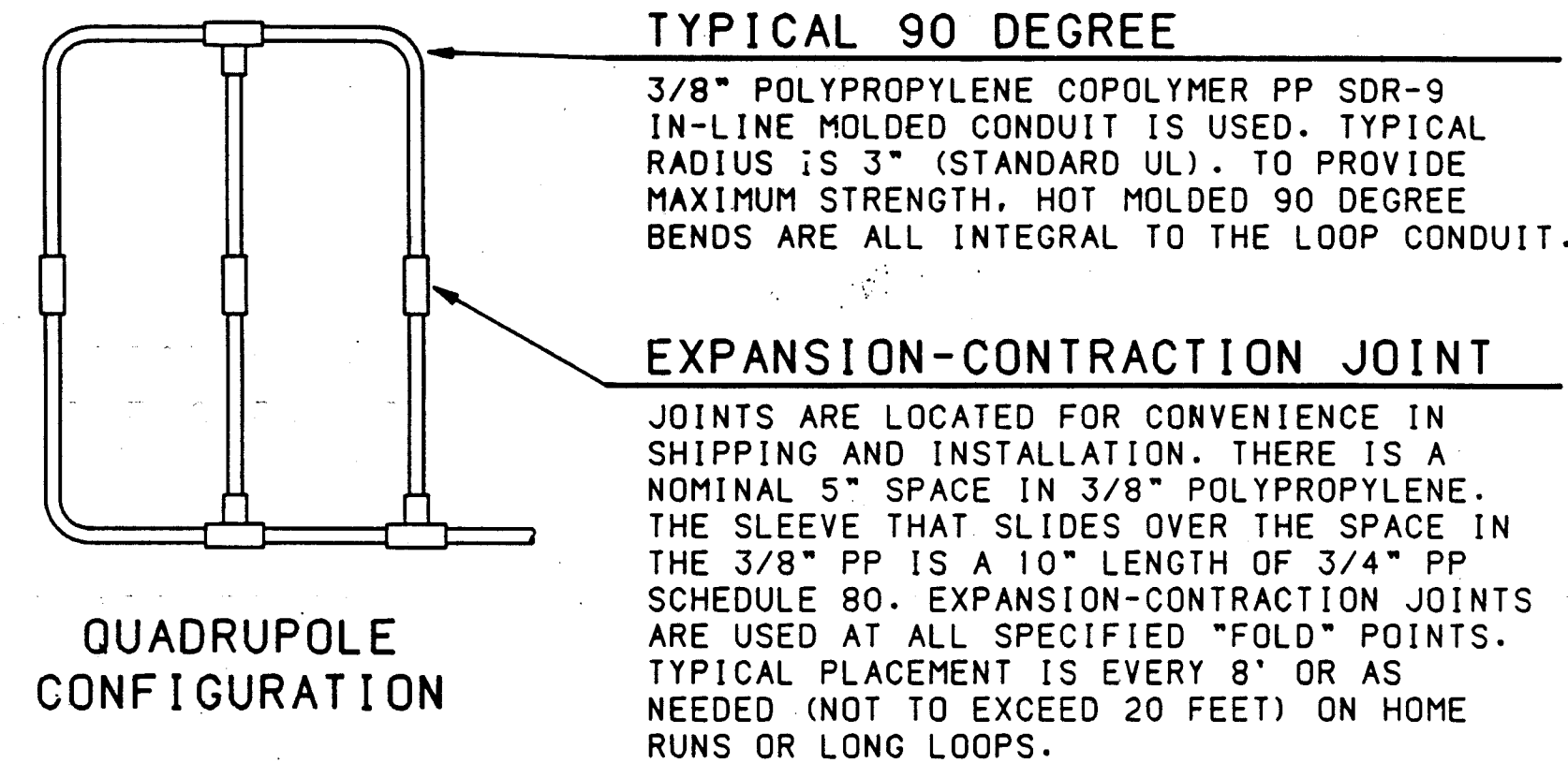
1. ALL LOOP DETECTOR WIRE SHALL BE NO. 14 AWG STRANDED COPPER WIRE WITH CROSSLINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF I.M.S.A. SPECIFICATIONS NO 51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12\"/>
- 2. ALL LOOP LEAD IN CABLES SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY LOOP AND AND PHASE NUMBER.
- 3. GROUND LOOP LEAD IN CABLE SHIELDING IN CONTROL CABINET.
- 4. SEPARATE 1\"/>

RECORD DRAWING  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.

|                                                    |          |         |             |               |      |
|----------------------------------------------------|----------|---------|-------------|---------------|------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS<br>ENGINEERING |          |         |             |               |      |
| TITLE: TRAFFIC SIGNAL<br>LOOP DETECTOR DETAILS     |          |         |             |               |      |
| APPROVALS                                          | ENGINEER | DATE    | APPROVALS   | ENGINEER      | DATE |
| DRG CHAIRMAN                                       |          |         | WATER       |               |      |
| TRANSPORTATION                                     |          |         | WASTE WATER |               |      |
| HYDROLOGY                                          |          |         | TRAF. OPER. |               |      |
| DRAWING NO. 5103.96                                |          | MAP NO. |             | SHEET 4 OF 16 |      |

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BY LASON

ADDENDUM NO. 2



### PREFORMED DETECTOR LOOP DETAIL

- ACCEPTABLE PREFORMED DETECTOR LOOPS ARE
- 1) NEVER FAIL LOOP BY ARCAN TRAFFIC SYSTEMS, INC
  - 2) HIGH-TEMP PREFORMED LOOPS BY DETECTOR SYSTEMS, INC

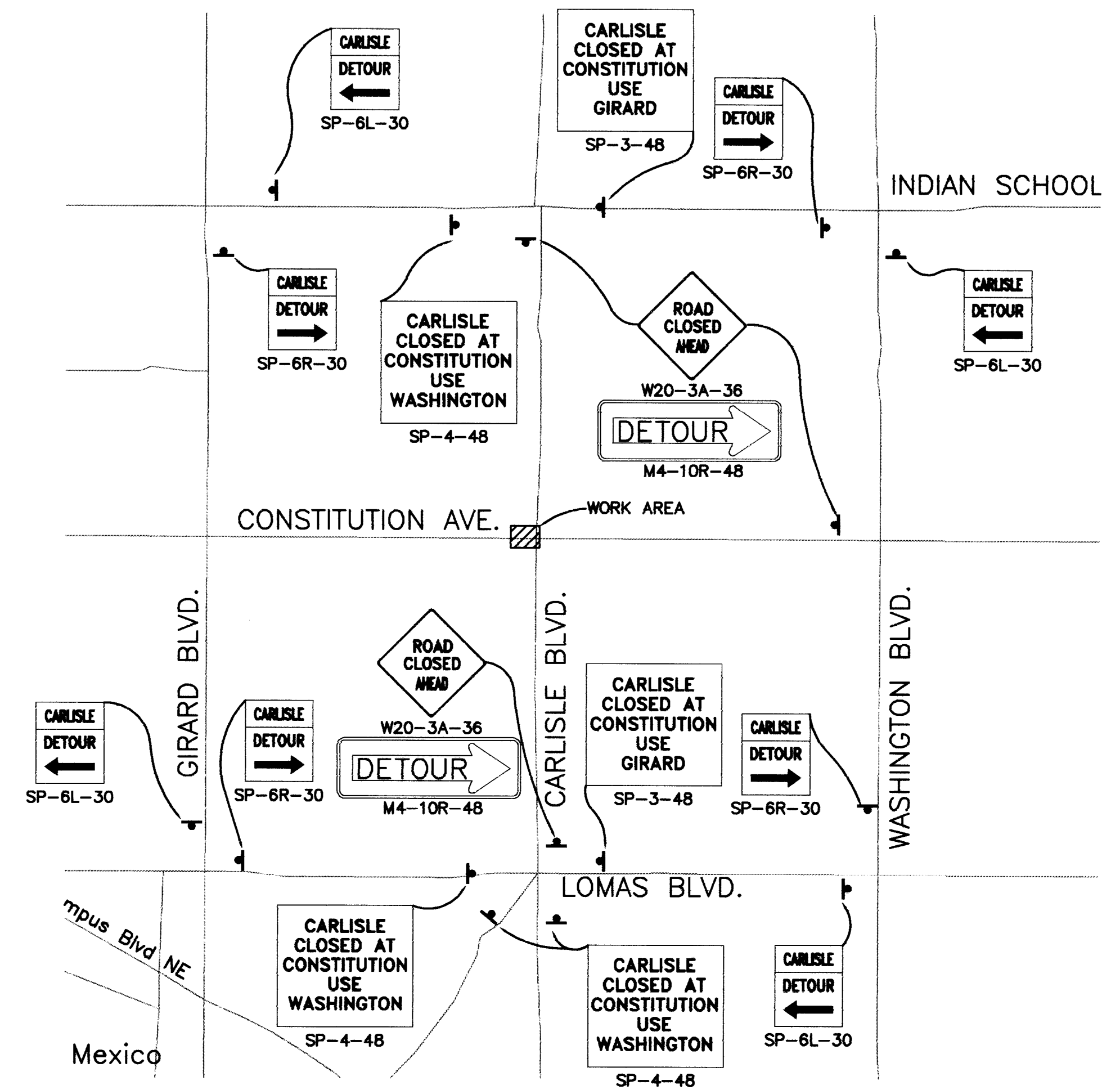
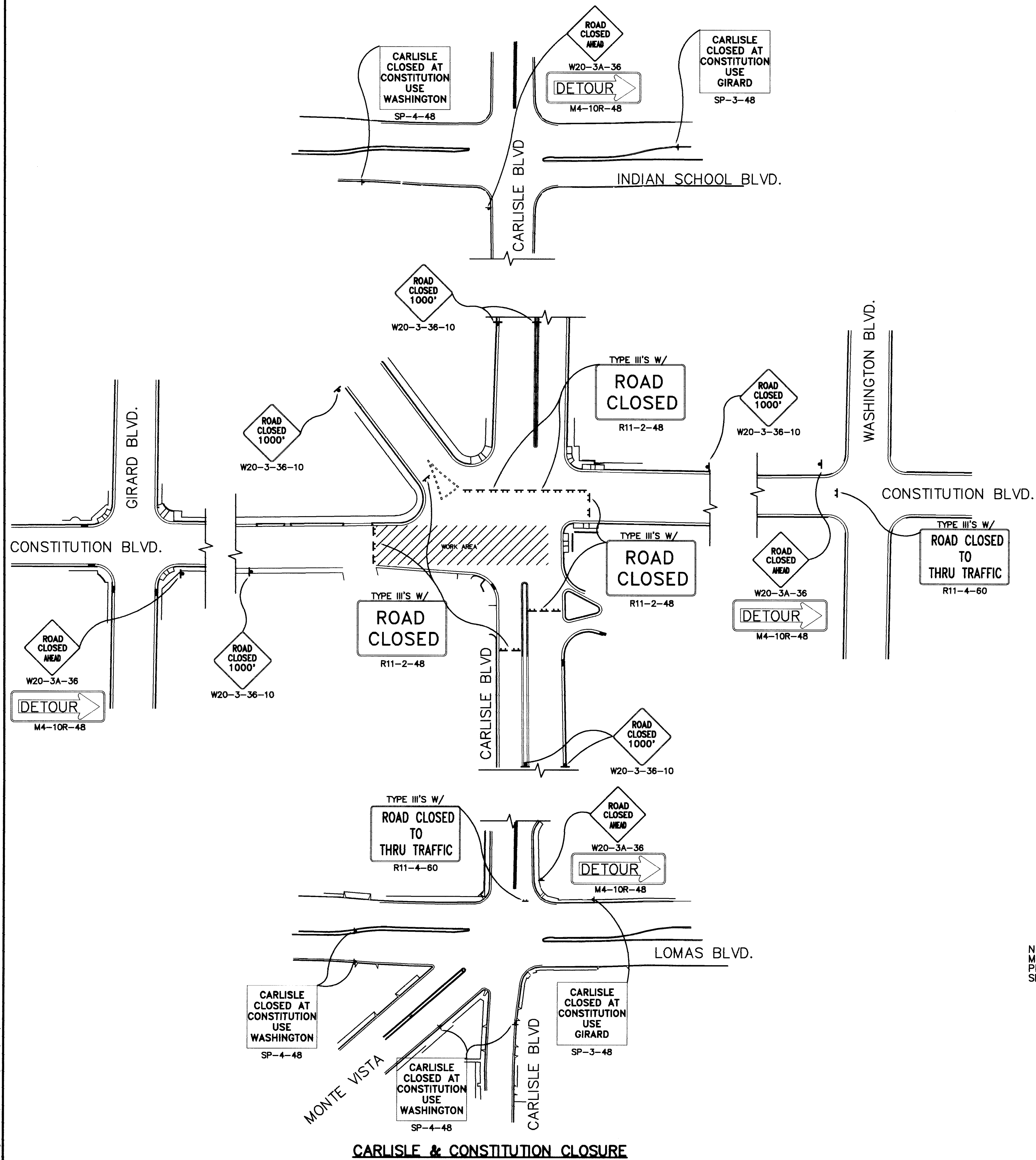
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Drawing revised to reflect the best information available. Do not use without field verification.

| 3                                                            |             |      |    |
|--------------------------------------------------------------|-------------|------|----|
| 2                                                            |             |      |    |
| 1                                                            |             |      |    |
| NO.                                                          | DESCRIPTION | DATE | BY |
| REVISIONS (OR CHANGE NOTICES)                                |             |      |    |
| NEW MEXICO STATE<br>HIGHWAY AND TRANSPORTATION<br>DEPARTMENT |             |      |    |
| TRAFFIC SIGNAL<br>PREFORMED LOOP<br>DETECTOR DETAILS         |             |      |    |

2-94

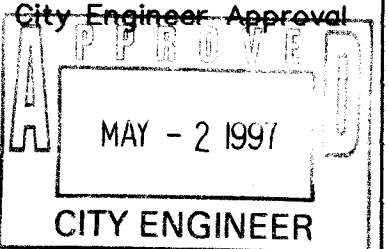
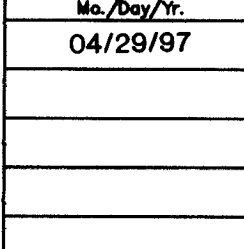
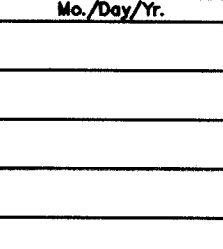






NOTE: CONSTRUCTION IN THIS INTERSECTION  
MUST BE LIMITED TO WEEKENDS (7:00  
PM FRIDAY TO 6:00 AM MONDAY. SEE  
SPECIFICATIONS).

RECORD DRAWING  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.

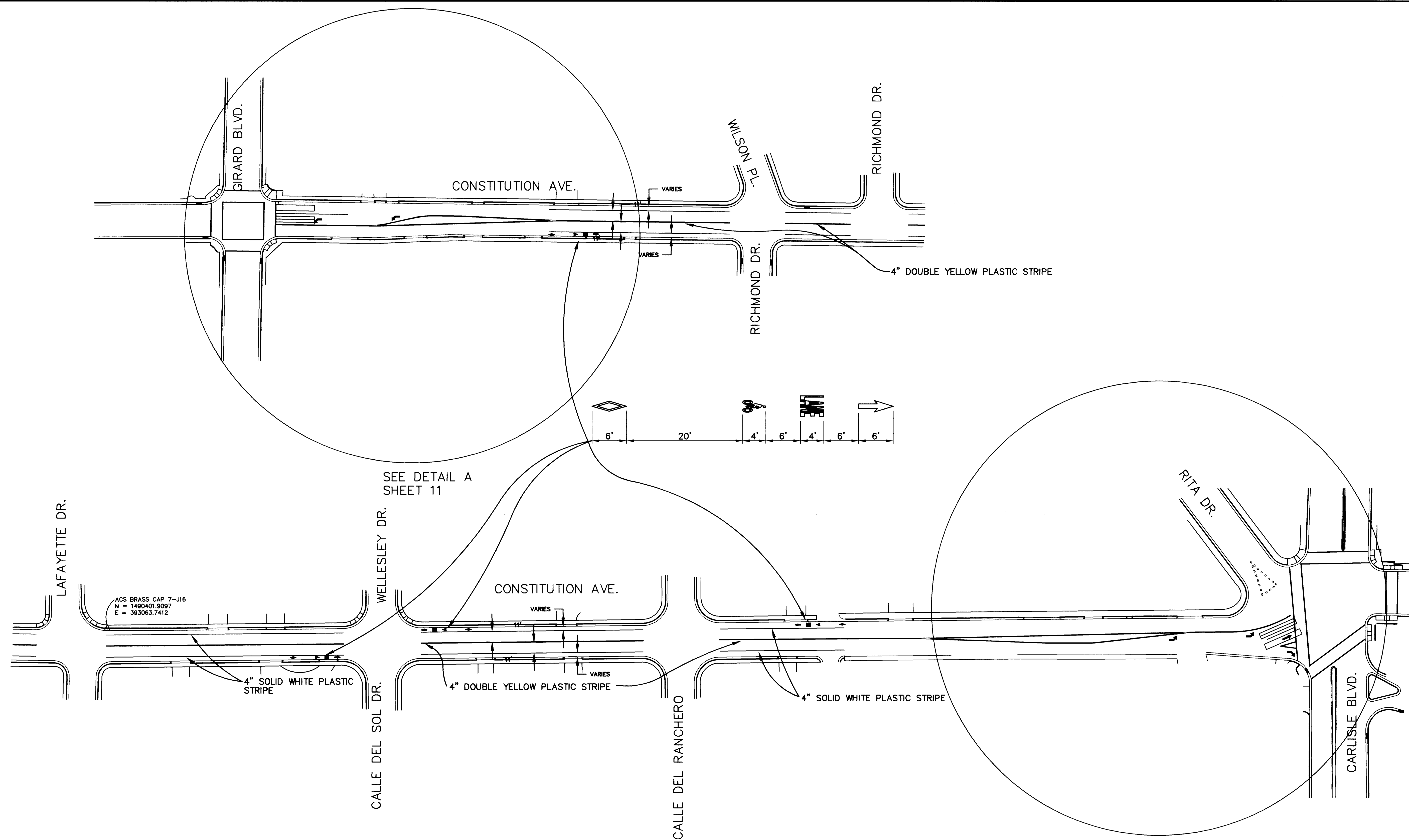
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|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|-------------|----------|------------|----------------------------------------------------------------------------------------------------|--|
|  <b>Gannett Fleming West, Inc.</b><br><b>ENGINEERS AND PLANNERS</b> | A<br>11/1/87 |                                                                                                                 |  |                                                                                                             |  | NO. DATA                                                                                             | DESIGNED BY | DRAWN BY | CHECKED BY | CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                    |  |
|                                                                                                                                                          |              |                                                                                                                 |  |                                                                                                             |  |                                                                                                      |             |          |            | TITLE:<br><b>CONSTITUTION AVE. &amp; SUMMIT PL.<br/>         CONSTRUCTION TRAFFIC CONTROL PLAN</b> |  |
| Design Review Committee<br>                                         |              | City Engineer Approval<br> |  | Last Design Update<br> |  | No./Day/Yr.<br> |             |          |            |                                                                                                    |  |
| City Project No. <b>5103.96</b>                                                                                                                          |              | Zone Map No. <b>J-16</b>                                                                                        |  | Sheet <b>8</b> Of <b>16</b>                                                                                 |  |                                                                                                      |             |          |            |                                                                                                    |  |



SCANNED BY  
BY LASON

|                                                                                                                      |  |                                                                                                            |  |                                    |  |
|----------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|------------------------------------|--|
|  <p>DESIGN REVIEW COMMITTEE</p> |  |  <p>CITY ENGINEER</p> |  | <p>Mo./Day/Yr.</p> <p>04/29/97</p> |  |
| <p>City Project No.</p> <p>5103.96</p>                                                                               |  | <p>Zone Map No.</p> <p>J-16</p>                                                                            |  | <p>Sheet</p> <p>9</p>              |  |
|                                                                                                                      |  |                                                                                                            |  | <p>Of</p> <p>16</p>                |  |

## ADDENDUM NO. 2



NOTE:

SUMMIT PLACE, SUMMIT AVENUE, AND MOUNTAIN ROAD  
DO NOT REQUIRE STRIPING.

SEE DETAIL B  
SHEET 11



**Gannett Fleming West, Inc.**  
ENGINEERS AND PLANNERS

|                                                                                 |                                                               |
|---------------------------------------------------------------------------------|---------------------------------------------------------------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP |                                                               |
| TITLE:                                                                          | CONSTITUTION AVE. & SUMMIT PL.<br>STRIPING/SIGNALIZATION PLAN |

|                                                                      |  |                                                |              |                    |             |             |
|----------------------------------------------------------------------|--|------------------------------------------------|--------------|--------------------|-------------|-------------|
| Design Review Committee<br><b>APPROVE</b><br>DESIGN REVIEW COMMITTEE |  | City Engineer Approved<br><b>CITY ENGINEER</b> |              | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|                                                                      |  |                                                |              |                    |             |             |
|                                                                      |  |                                                |              |                    |             |             |
|                                                                      |  |                                                |              |                    |             |             |
|                                                                      |  |                                                |              |                    |             |             |
| City Project No.                                                     |  | 5103.96                                        | Zone Map No. | J-16               | Sheet       | Of          |
|                                                                      |  |                                                |              |                    | 10          | 16          |

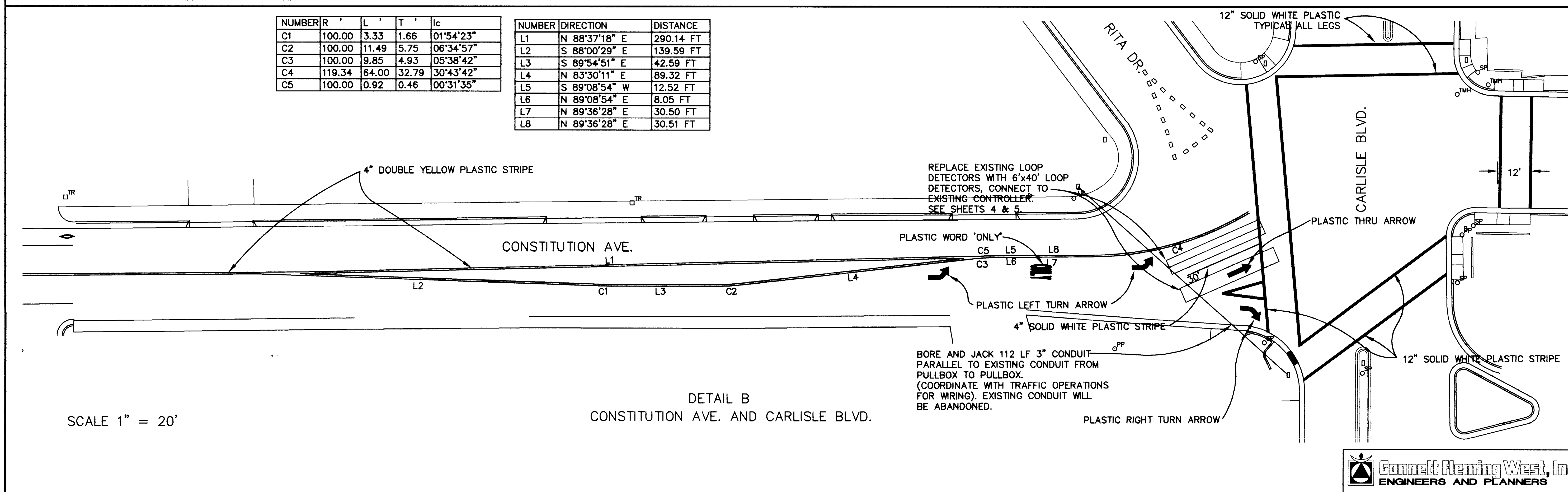
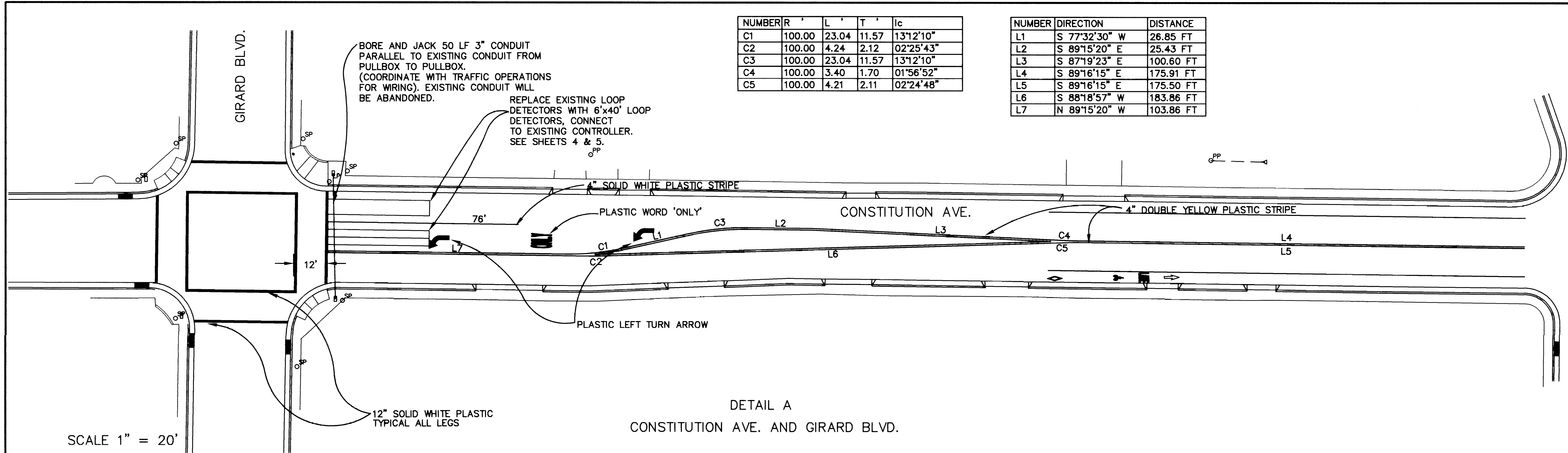
| NO.              |  | DATE | REMARKS | BY           |
|------------------|--|------|---------|--------------|
| <i>REVISIONS</i> |  |      |         |              |
| <i>DESIGN</i>    |  |      |         |              |
| DESIGNED BY      |  | ELP  | DATE    | OCTOBER 1996 |
| DRAWN BY         |  | ELP  | DATE    | OCTOBER 1996 |
| CHECKED BY       |  | JAE  | DATE    | OCTOBER 1996 |

| SURVEY INFORMATION |    | BENCH MARKS |                                                                                                                                                                                                                              | AS BUILT INFORMATION                                                                                                                |                                                                            |
|--------------------|----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| FIELD NOTES        |    |             |                                                                                                                                                                                                                              |                                                                                                                                     |                                                                            |
| NO.                | BY | DATE        |                                                                                                                                                                                                                              | CONTRACTOR                                                                                                                          | CONCRETE CONSTRUCTION DATE                                                 |
|                    |    |             | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB: THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 | WORK<br>STANDARD BRASS<br>ACCEPTANCE BY CITY OF ALBUQUERQUE<br>FIELD<br>VERIFICATION BY CITY OF ALBUQUERQUE<br>DATE<br>CORRECTED BY | DATE 6/98<br>DATE 6/98<br>DATE 6/98<br>DATE 6/98<br>DATE 6/98<br>DATE 6/98 |
|                    |    |             |                                                                                                                                                                                                                              | GANNETT FLEMING WEST DATE                                                                                                           |                                                                            |
|                    |    |             |                                                                                                                                                                                                                              | MICRO-FILM INFORMATION                                                                                                              |                                                                            |
|                    |    |             |                                                                                                                                                                                                                              | RECORDED BY                                                                                                                         | DATE                                                                       |
|                    |    |             |                                                                                                                                                                                                                              | NO.                                                                                                                                 |                                                                            |

SCANNED BY  
BY LASON

RECORD DRAWING  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.

Time: 10:27:27  
Date: 4/30/1997LUS  
Drawing File K:\PROJECTS\30401\008\30401.S02



NOTE:  
CROSSWALK STRIPING SHALL BE COMPLETELY REPLACED FOR BOTH INTERSECTIONS.

RECORD DRAWING  
Drawing revised to reflect the best information available. Do not use without field verification.



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: CONSTITUTION AVE. & SUMMIT PL.  
STRIPING/SIGNALIZATION PLAN

| DESIGN REVIEW COMMITTEE                             | CITY ENGINEER APPROVAL                    | Mo./Day/Yr. | Mo./Day/Yr. |
|-----------------------------------------------------|-------------------------------------------|-------------|-------------|
| APPROVED<br>MAY - 2 1997<br>DESIGN REVIEW COMMITTEE | APPROVED<br>MAY - 2 1997<br>CITY ENGINEER | 04/29/97    |             |

City Project No. 5103.96 Zone Map No. J-16 Sheet 11 Of 16

| AS BUILT INFORMATION |      | BENCH MARKS                                                                                                      |      | SURVEY INFORMATION |    | ENGINEER'S SEAL |    | REVISIONS |    |
|----------------------|------|------------------------------------------------------------------------------------------------------------------|------|--------------------|----|-----------------|----|-----------|----|
| CONTRACTOR           | DATE | STATION                                                                                                          | DATE | NO.                | BY | NO.             | BY | NO.       | BY |
| CITY OF ALBUQUERQUE  |      | 7-J16                                                                                                            |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB                                                             |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | STATION 5171.50                                                                                                  |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | ELEV. 5171.50                                                                                                    |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | RECORDED BY                                                                                                      |      |                    |    |                 |    |           |    |
| CONTRACTOR           |      | DATE                                                                                                             |      |                    |    |                 |    |           |    |

5/1/97 This sheet replaces the original sheet approved 11/14/96 per Addendum # 2.

NO. DATE REMARKS BY

DESIGN

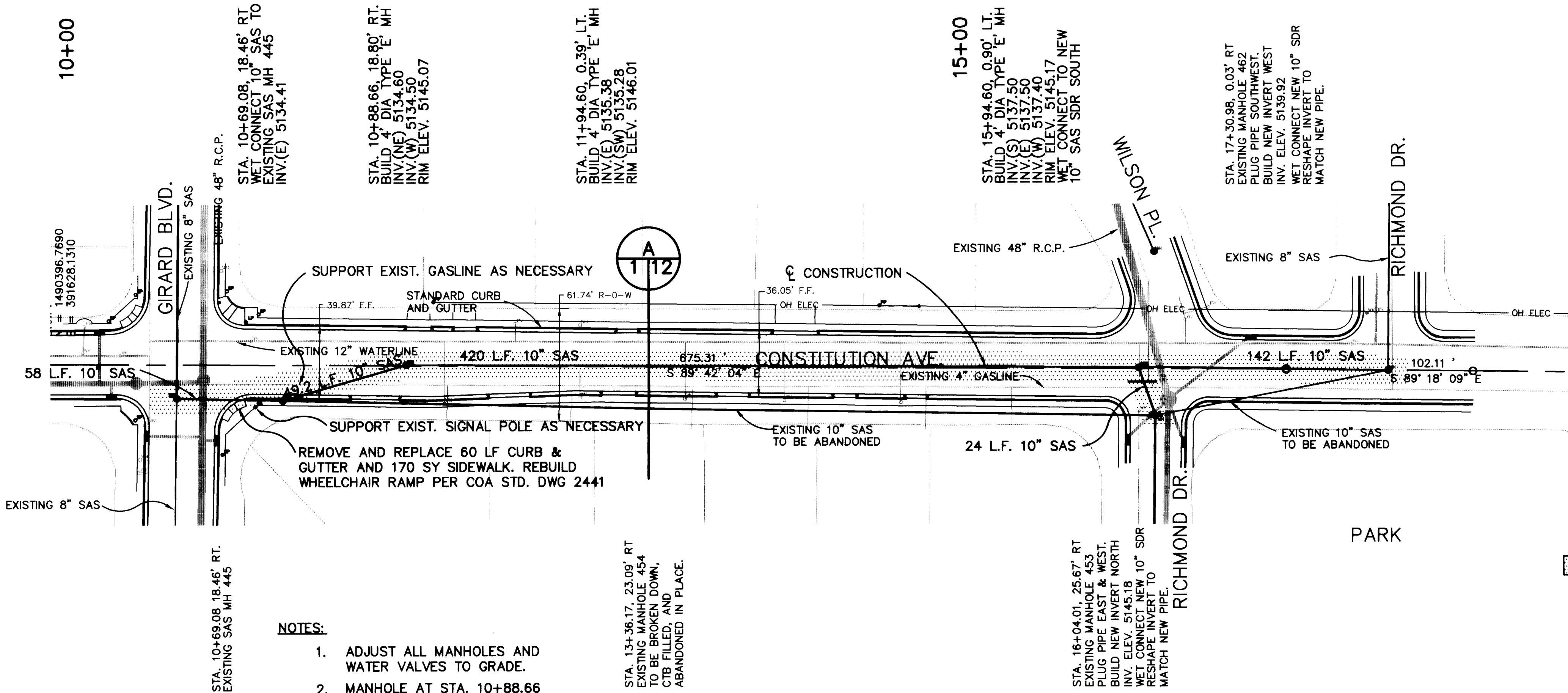
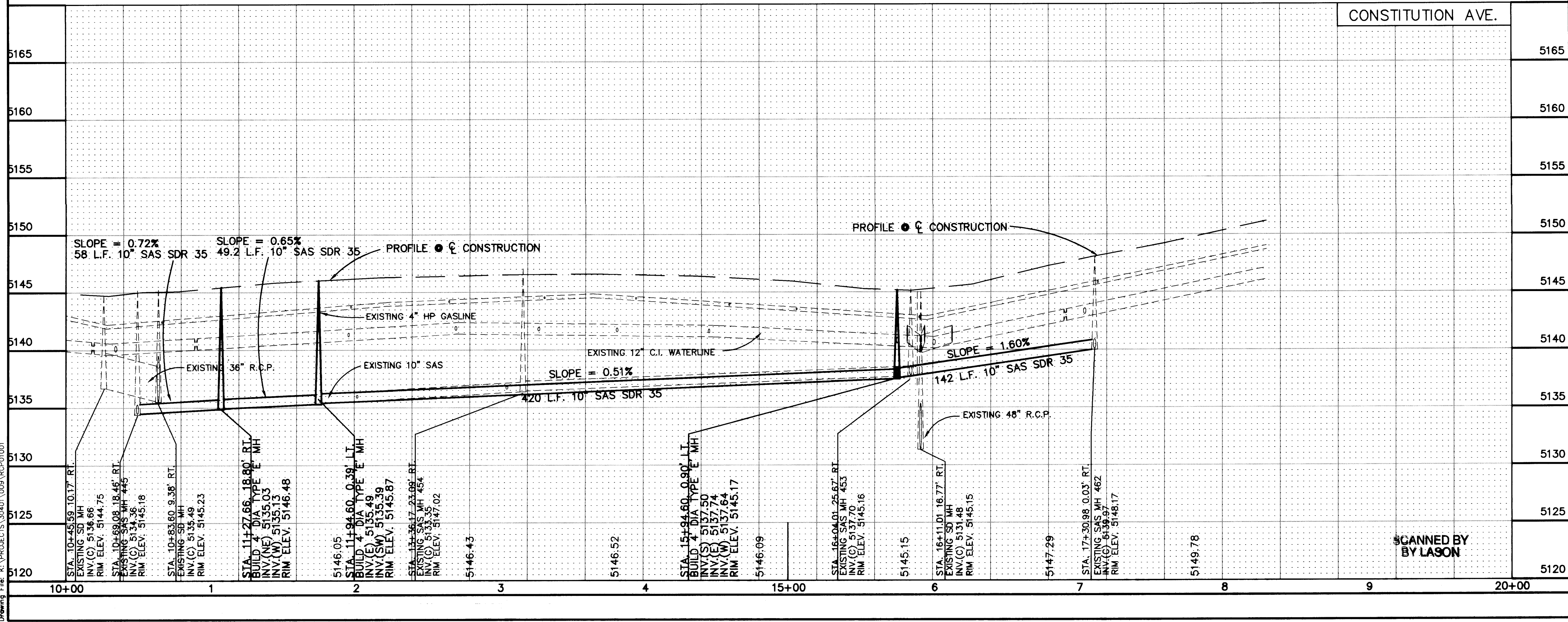
DESIGNED BY DATE OCTOBER 1996

DRAWN BY DATE OCTOBER 1996

CHECKED BY DATE OCTOBER 1996



SCANNED BY  
BY LASON



### SAS SERVICE CONNECTIONS

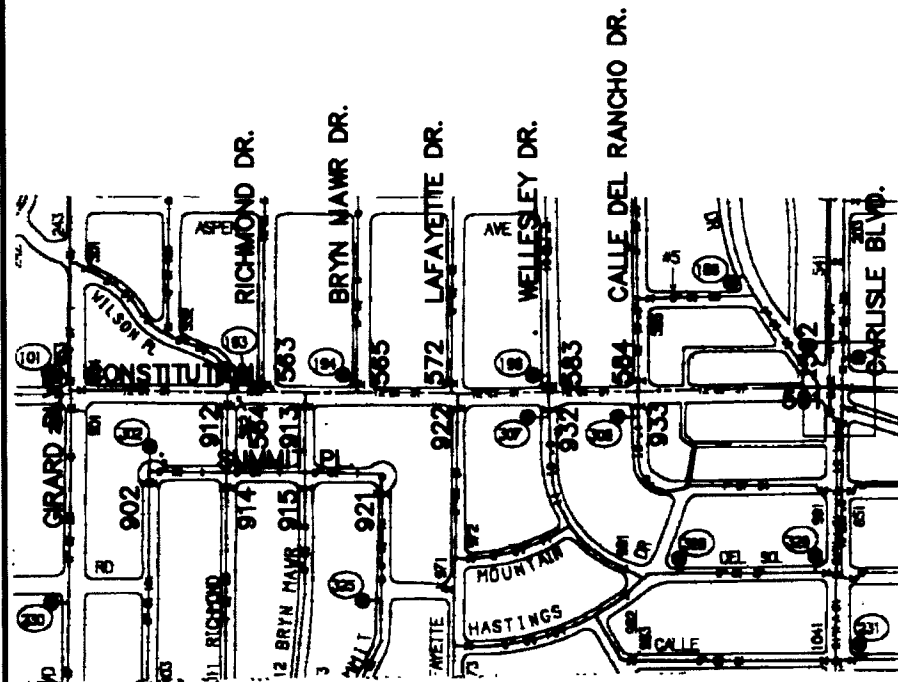
- STA. 11+97.68, 20.69' RT.
- STA. 12+21.39, 21.10' RT.
- STA. 12+87.88, 22.25' RT.
- STA. 13+25.02, 22.90' RT.
- STA. 13+56.41, 23.29' RT.
- STA. 14+05.20, 23.76' RT.
- STA. 14+59.59, 24.28' RT.
- APPROXIMATE LOCATION

### LEGEND

- TRENCH LIMITS
- NEW 10" SAS SDR 35

RECORD DRAWING  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.

SCALES:  
1" = 40' HOR  
1" = 5' VER



### WATER SHUTOFF PLAN IF NECESSARY SEQUENCE OF CONSTRUCTION

NOTE: CONTRACTOR SHALL PROVIDE WATER SERVICE THROUGHOUT THE DURATION OF THE PROJECT WITH EXISTING 6" AND 12" LINES FOR THE DURATION OF SHUTOFF.

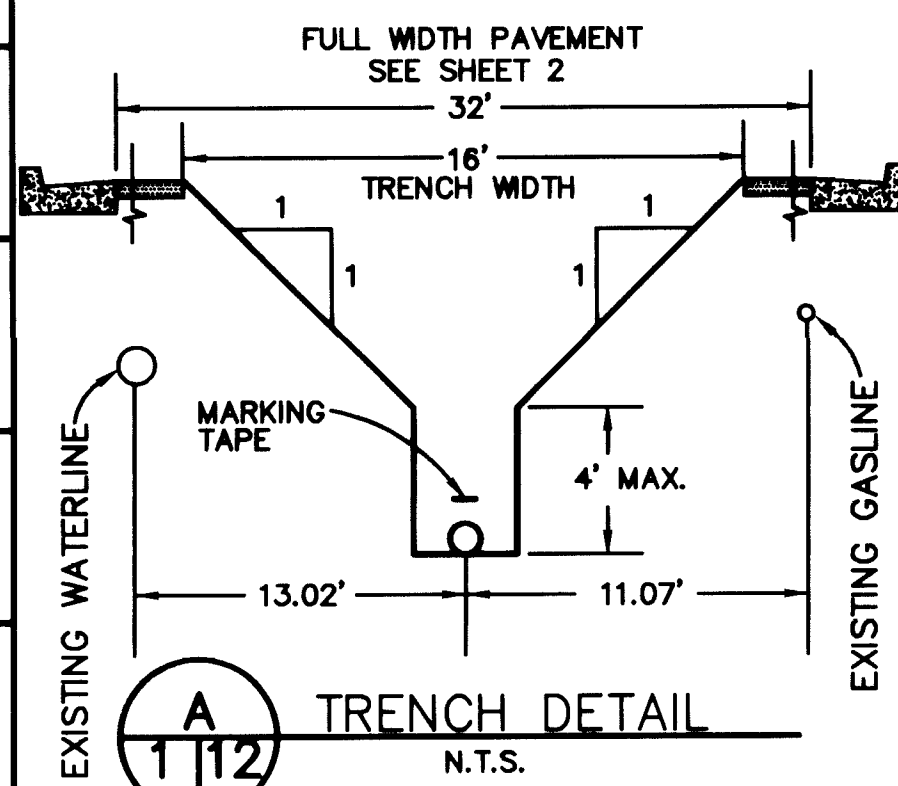
- CONTRACTOR SHALL CUT, CAP AND BLOCK EXISTING 6" WATERLINES PRIOR TO COMMENCING TRENCH, BACKFILL AND COMPACTION AND PIPE INSTALLATION ACTIVITIES IN CONSTITUTION AVE.
- THE CONTRACTOR SHALL REINSTATE EXISTING 6" WATERLINES UPON COMPLETION OF THE INSTALLATION OF THE 10" SAS LINE IN ACCORDANCE WITH C.O.A. STD. SPECIFICATIONS

CONSTITUTION STA. 10+00 TO STA. 37+39

CLOSE EXISTING VALVES; 564, 563, 913, 565, 572, 922, 583, 932, 933, 584, 592 AND 591.

SUMMIT PL. STA. 10+00 TO STA. 22+52

CLOSE EXISTING VALVES; 921, 915, 913, 562, 914 AND 902.



Gannett Fleming West, Inc.  
ENGINEERS AND PLANNERS

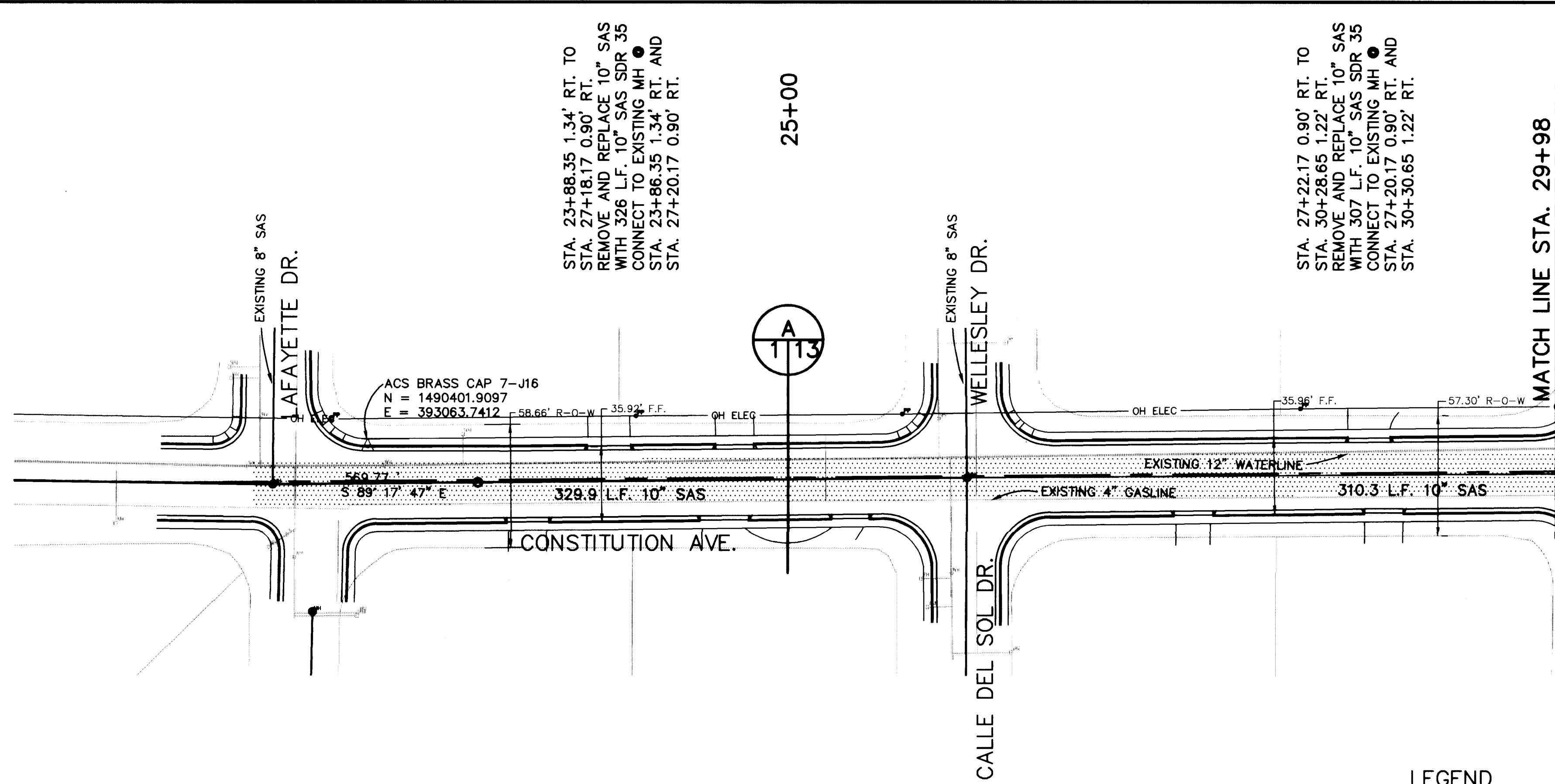
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: CONSTITUTION AVE. SAS REPLACEMENT  
STA. 10+00 TO 17+30.98

Design Review Committee City Engineer Approval

City Project No. 5103.96 Zone Map No. J-16 Sheet 12 Of 16

|           |  |        |  |          |  |         |  |    |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |     |  |      |  |  |  |
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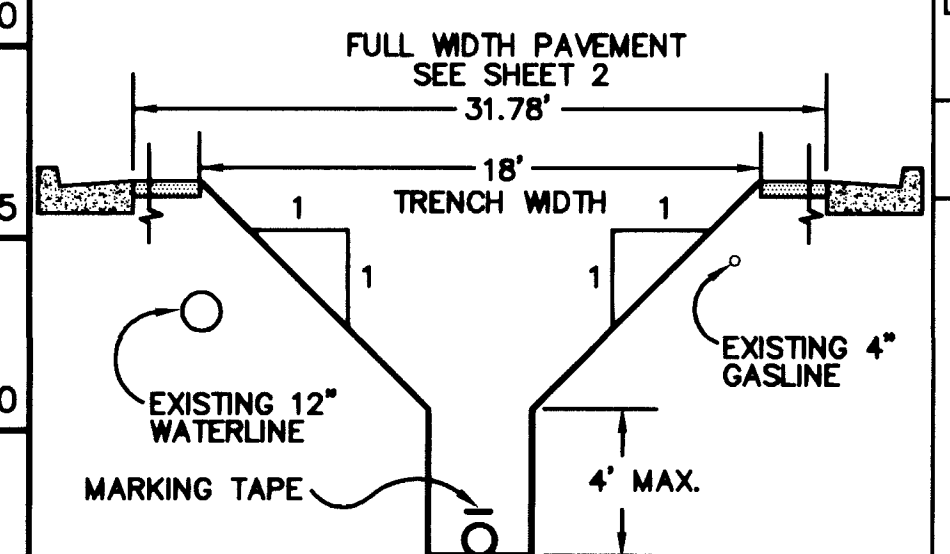
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| * STA. 25+00.40, 1.19' RT. |
| * STA. 26+34.28, 1.01' RT. |
| * STA. 26+37.28, 1.02' RT. |
| STA. 28+11.65, 0.00' RT.   |
| STA. 28+14.64, 0.00' RT.   |
| STA. 29+42.65, 1.13' RT.   |
| STA. 29+44.65, 1.13' RT.   |
| * APPROXIMATE LOCATION     |

**LEGEND**

 TRENCH LIMITS

 NEW 10" SAS SDR 35

**RECORD DRAWING**  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.



**A** TRENCH DETAIL  
1113 N.T.S.



**Gannett Fleming West, Inc.**  
ENGINEERS AND PLANNERS

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: CONSTITUTION AVE. SAS REPLACEMENT  
STA. 23+90.35 TO 29+98

|                         |                        |  |
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| Design Review Committee | City Engineer Approval |  |
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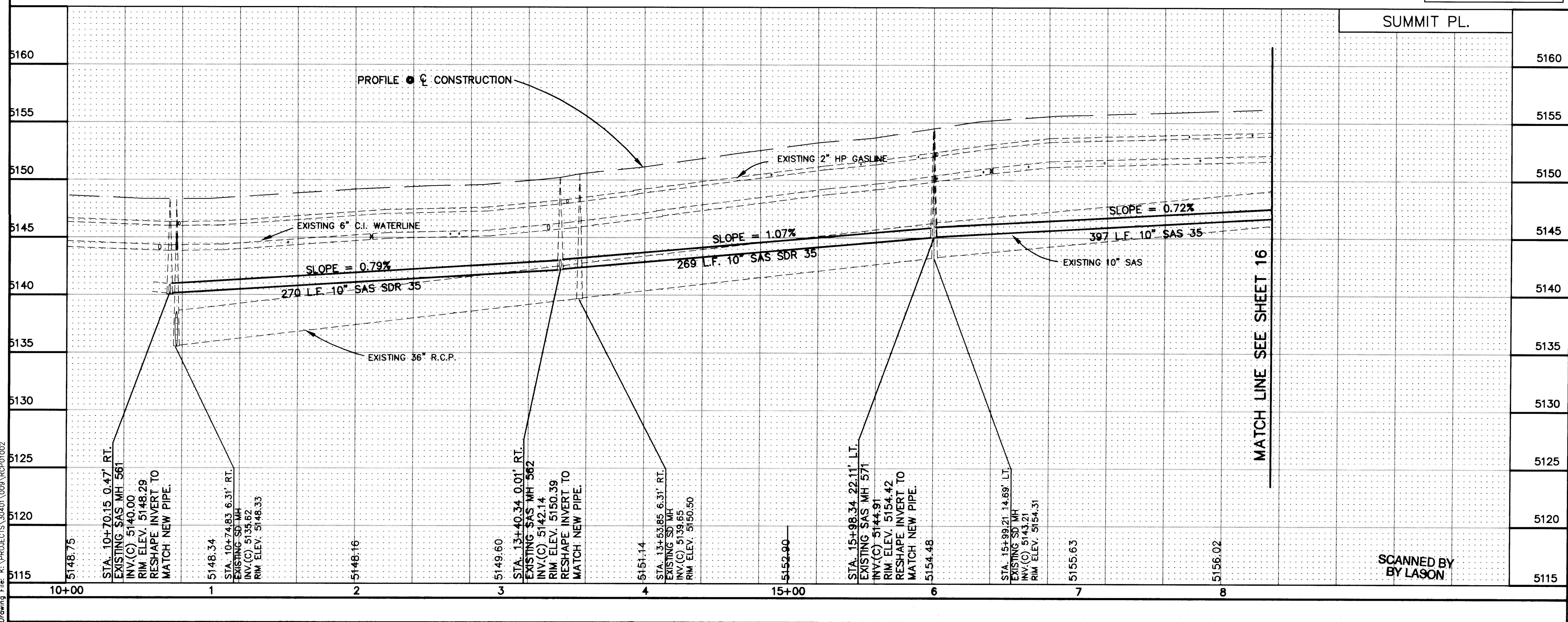
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| ENGINEER'S SEAL |  | FIELD NOTES |  | BENCH MARKS                                                                                                                                                                                                                  |  | AS BUILT INFORMATION                          |  |
| NO.             |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | CONTRACTOR CONDORE CONSTRUCTION DATE 6/98     |  |
| BY              |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | WORK BY CONDORE CONSTRUCTION DATE 6/98        |  |
| REMARKS         |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | ACCEPTANCE BY CITY OF ALBUQUERQUE DATE 6/98   |  |
| REVISIONS       |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | VERIFICATION BY CITY OF ALBUQUERQUE DATE 6/98 |  |
| DESIGN          |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | DRAWINGS                                      |  |
| DESIGNED BY     |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | CHECKED BY                                    |  |
| DRAWN BY        |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | RECORDED BY                                   |  |
| CHECKED BY      |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | NO.                                           |  |
| DATE            |  | DATE        |  | 7-J16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  | DATE                                          |  |

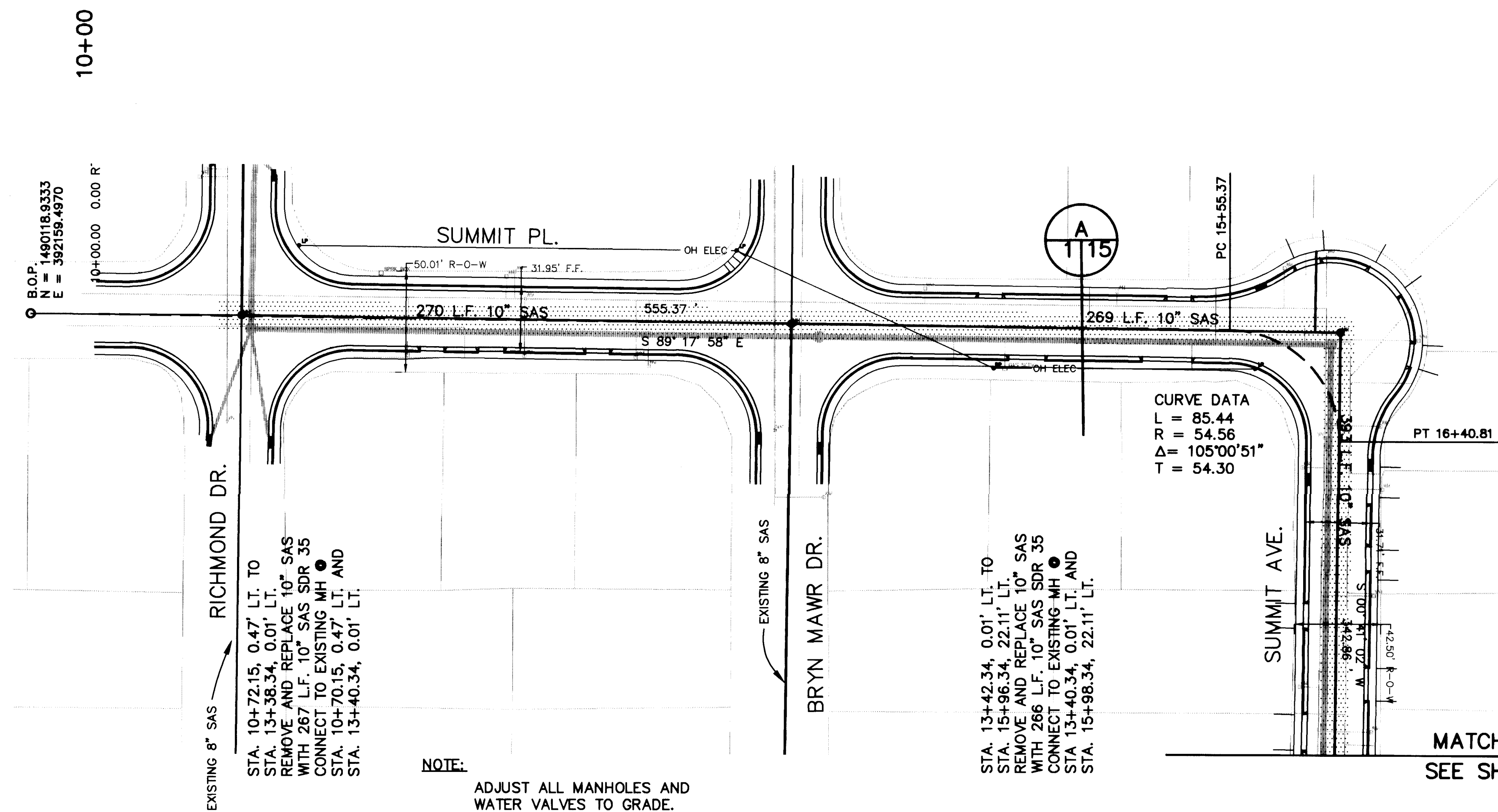
Time: 15:48:34  
Date: 10/4/1996 BY: ELP  
Drawing File: K:\PROJECTS\30401\009\RCP02001



Time: 15:58:24



SCANNED BY  
BY LASON



STA. 16+00.34, 22.11' LT. TO  
STA. 19+82.05, 0.11' LT.  
REMOVE AND REPLACE 10" SAS  
WITH 393 L.F. 10" SAS SDR 35  
CONNECT TO EXISTING MH ●  
STA. 15+98.34, 22.11' LT. AND  
STA. 19+84.05, 0.11' LT.

## SAS SERVICE CONNECTIONS

|                           |
|---------------------------|
| STA. 11+56.29, 0.00' RT.  |
| STA. 12+13.57, 0.00' RT.  |
| STA. 13+99.28, 0.10' RT.  |
| STA. 15+00.09, 0.29' RT.  |
| STA. 15+21.52, 0.00' RT.  |
| STA. 15+49.24, 0.38' RT.  |
| STA. 15+91.32, 13.87' LT. |
| STA. 16+03.41, 16.34' LT. |
| STA. 16+19.32, 4.47' LT.  |
| STA. 17+58.38, 0.00' RT.  |
| STA. 17+88.32, 0.11' LT.  |
| STA. 18+25.17, 0.00' RT.  |

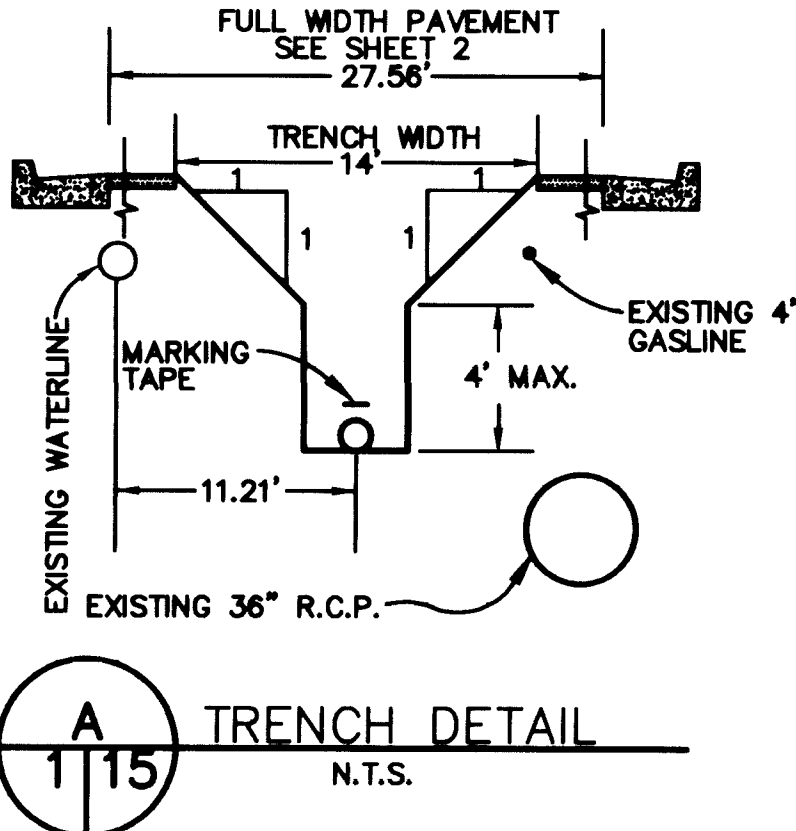
SCALES:  
1" = 40' HOR  
1" = 5' VER

### LEGEND

 TRENCH LIMITS

 NEW 10" SAS SDR 35

**RECORD DRAWING**  
Drawing revised to reflect the  
best information available. Do  
not use without field verification.



**Gannett Fleming West, Inc.**  
ENGINEERS AND PLANNERS

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

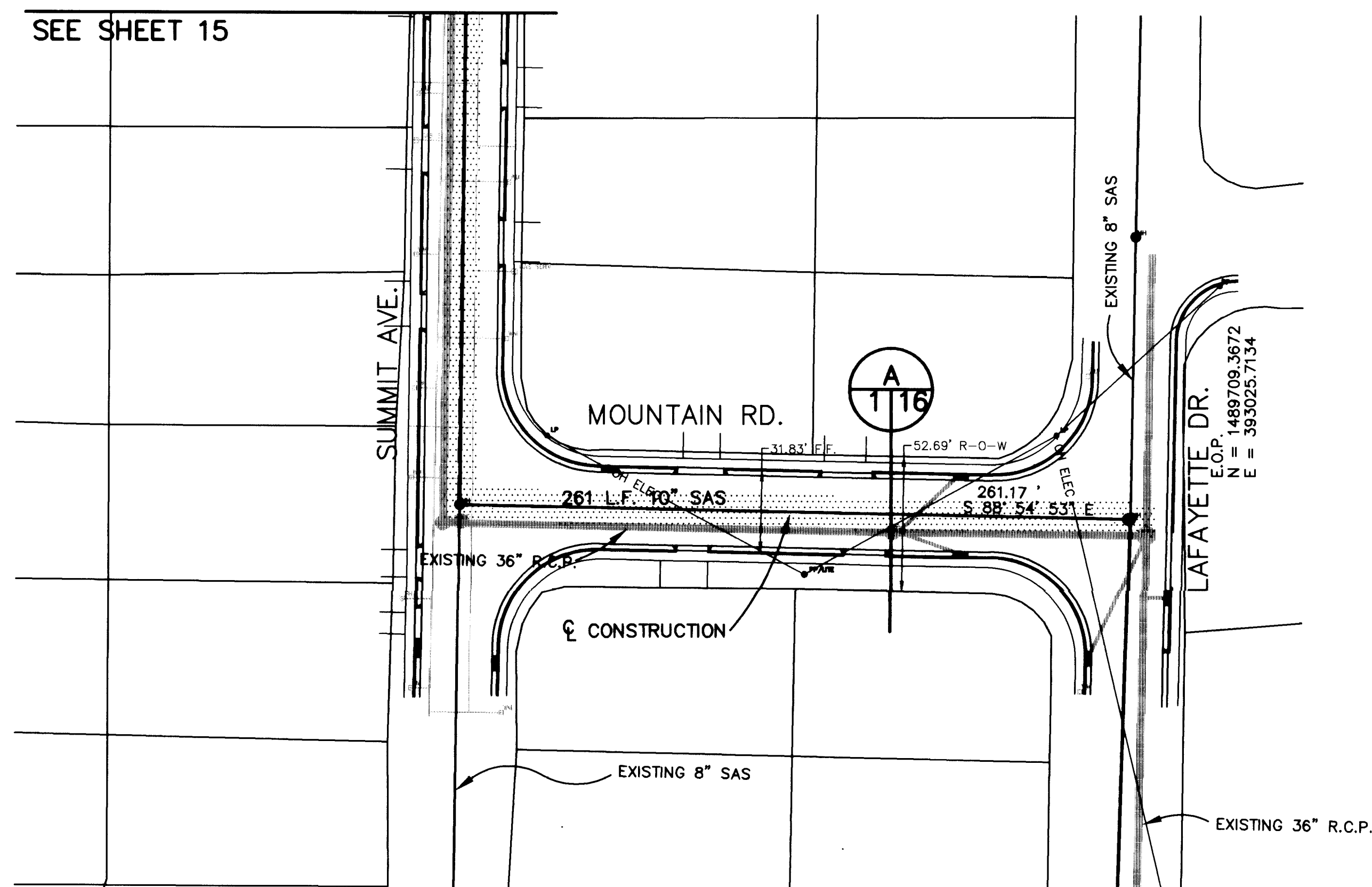
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TITLE: SUMMIT PL. SAS REPLACEMENT  
STA. 10+00 TO 18+30

|                         |                        |
|-------------------------|------------------------|
| Design Review Committee | City Engineer Approval |
|-------------------------|------------------------|

|                  |              |       |    |
|------------------|--------------|-------|----|
| City Project No. | Zone Map No. | Sheet | Of |
| 5103.96          | J-16         | 15    | 16 |

SEE SHEET 15



SCALES:  
1" = 40' HOR  
1" = 5' VER

## SAS SERVICE CONNECTIONS

|                          |
|--------------------------|
| STA. 18+42.23, 0.18' LT. |
| STA. 18+82.92, 0.00' RT. |
| STA. 18+95.71, 0.26' LT. |
| STA. 19+36.33, 0.00' RT. |
| STA. 19+62.39, 0.00' RT. |

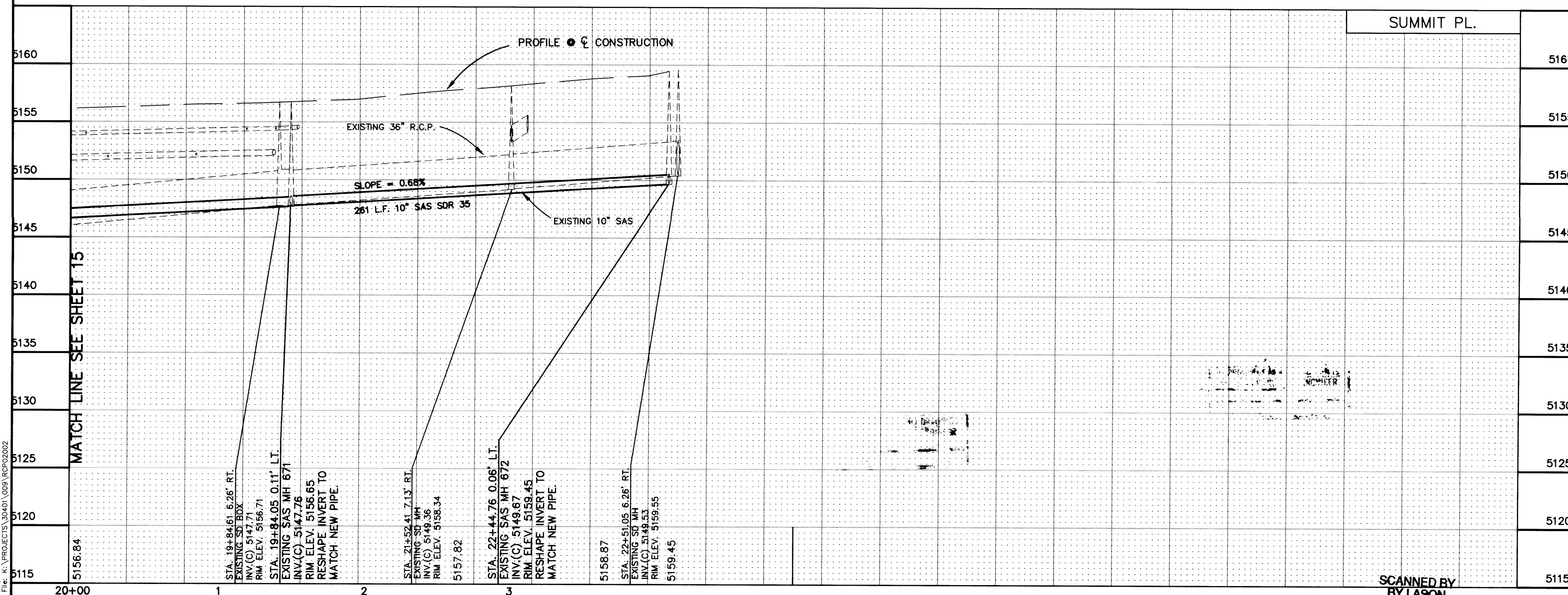
LEGEND

 TRENCH LIMITS

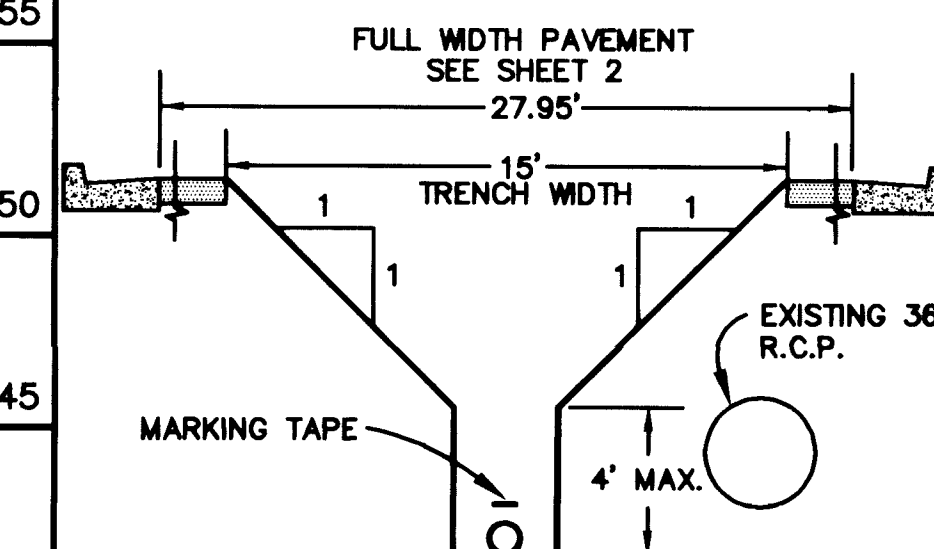
 NEW 10" SAS SDR 35

NOTE:  
ADJUST ALL MANHOLES AND  
WATER VALVES TO GRADE.

**RECORD DRAWING**  
Drawing revised to reflect the  
best information available. Do  
not use without field verification



SCANNED BY  
BY LASON



**A** TRENCH DETAIL  
1116 N.T.S.

 **Gannett Fleming West, Inc.**  
**ENGINEERS AND PLANNERS**

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

|        |                                                   |
|--------|---------------------------------------------------|
| TITLE: | SUMMIT PL. SAS REPLACEMENT<br>STA. 18+32 TO 22+52 |
|--------|---------------------------------------------------|

|    |                         |                        |
|----|-------------------------|------------------------|
| 20 | Design Review Committee | City Engineer Approval |
|----|-------------------------|------------------------|

|                  |         |
|------------------|---------|
| City Project No. | 5103.96 |
|------------------|---------|

|              |      |
|--------------|------|
| Zone Map No. | J-16 |
|--------------|------|

|       |    |
|-------|----|
| Sheet | Of |
| 16    | 16 |

A circular professional engineer seal for the State of Michigan. The outer ring contains the text "MICHAEL J. SMITH" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom. Inside the ring, it says "STATE OF MICHIGAN". In the center, there is a signature "Michael J. Smith" over the date "25 June 95". To the left of the seal, the text "ENGINEER'S SEAL" is printed vertically.

|             |      |         |              |
|-------------|------|---------|--------------|
| NO.         | DATE | REMARKS | BY           |
| REVISIONS   |      |         |              |
| DESIGN      |      |         |              |
| DESIGNED BY | ELP  | DATE    | OCTOBER 1996 |
| DRAWN BY    | ELP  | DATE    | OCTOBER 1996 |
| CHECKED BY  | EC   | DATE    | OCTOBER 1996 |

| SURVEY INFORMATION |    |      | BENCH MARKS                                                                                                                                                                                                                 |  | AS BUILT INFORMATION |                               |
|--------------------|----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-------------------------------|
| FIELD NOTES        |    |      |                                                                                                                                                                                                                             |  |                      |                               |
| NO.                | BY | DATE |                                                                                                                                                                                                                             |  |                      |                               |
|                    |    |      | 7-16, CITY OF ALBUQUERQUE STATION IS A STANDARD A.C.S. BRASS TABLET SET FLUSH WITH THE CURB. THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF LAFAYETTE DR. AND CONSTITUTION AVE. N.E. ELEV. 5171.50 |  |                      |                               |
|                    |    |      |                                                                                                                                                                                                                             |  |                      | <i>MICRO-FILM INFORMATION</i> |
|                    |    |      |                                                                                                                                                                                                                             |  |                      | RECORDED BY _____ DATE _____  |
|                    |    |      |                                                                                                                                                                                                                             |  |                      | NO. _____                     |

Time: 16:7:20  
Date: 10/4/1996 BY: ELP  
Drawing File: K:\PROJECTS\30401\009\RCP02002