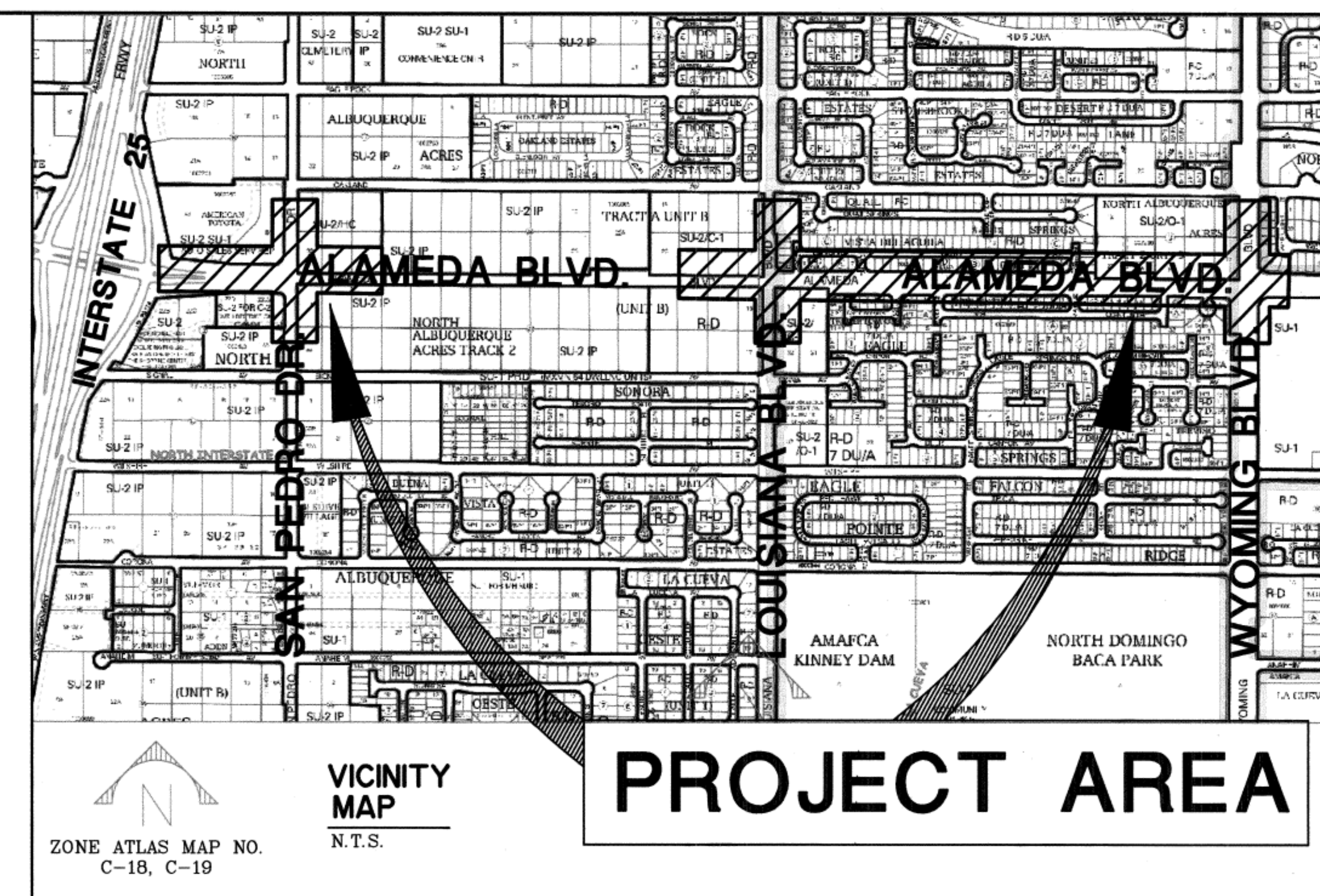


I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE INDICATED RECORD DRAWINGS ARE BASED UPON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR IN THE FORM OF RED-LINED CONSTRUCTION DRAWINGS. THE TRANSFER OF INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. HOWEVER, I HAVE NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND SHALL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS. ALL INFORMATION INCLUDING VERTICAL AND HORIZONTAL DIMENSIONS SHOULD BE FIELD VERIFIED PRIOR TO USE ON FUTURE PROJECTS.

*Douglas L. Adams* 01-07-2015  
NAME DATE



# CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

## PLANS FOR CONSTRUCTION ALAMEDA BLVD. WIDENING

CITY OF ALBUQUERQUE PROJECT NO. 7663.91

### UTILITY COMPANY CONTACTS

#### ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (WATER & SEWER)

ANTHONY MONTOYA JR., PE  
Sr. Engineer/Utility Design  
P.O. Box 1293  
Albuquerque, New Mexico 87103  
(505) 768-2713

#### PNM-ELECTRIC

CHRIS BUDD  
Engineering Representative  
4201 Edith Blvd., NE MS-ES61  
Albuquerque, New Mexico 87107  
(505) 401-7482

#### NEW MEXICO GAS COMPANY

BRENDA TARADDEI  
Project Engineer  
4625 Edith Blvd., NE  
Albuquerque, New Mexico 87107  
(505) 249-6507

#### CENTURY LINK

NATALIA ANTONIO  
NM Engineering/Planning  
400 Tijeras Ave. NW, Suite 570  
Albuquerque, New Mexico 87102  
(505) 245-6846

#### QWEST LONG DISTANCE

LARRY KELLY  
Senior Operations Tech  
400 Tijeras Ave. NW, Suite 570  
Albuquerque, New Mexico 87102  
(505) 246-0501

#### AT&T

DAVID STOCKTON  
Resource Supervisor  
111 Third St., NW  
Albuquerque, New Mexico 87103  
(303) 620-2254

#### COMCAST CABLE

MIKE MORTUS  
Planning and Design Supervisor  
4611 Montbel Pl. NE  
Albuquerque, New Mexico 87107  
(505) 271-3644

#### BCC ASSETS

JOHN BROWN  
505 Marquette Ave. NW, Suite LL-110 A  
Albuquerque, New Mexico 87102  
(505) 450-2338

#### TIME WARNER TELECOM

ROYAL HARRISON  
Plant Manager  
5411 Jefferson St. NE, Suite 200  
Albuquerque, New Mexico 87109  
(505)-938-7339

#### McLeod USA

RICK MUELLER  
Supervisor of Outside Techs.  
505 Marquette Ave. NW, Suite 1600  
Albuquerque, New Mexico 87102  
(505) 217-0038

#### LEVEL 3 COMMUNICATIONS, LLC

STEVE GILMAN  
Resource Supervisor  
1025 Eldorado Blvd.  
Broomfield, Colorado 80021  
(720) 888-5920

#### MCI WORLDCOM

ANDY DARNELL  
Operation Manager  
6001 Midway Park NE  
Albuquerque, New Mexico 87109  
(505) 346-4470



| RECORD DRAWING INFO        |                        |
|----------------------------|------------------------|
| CITY INSPECTOR             | RICHARD ZAMORA         |
| CITY PROJECT MANAGER       | JAME EISENBERG         |
| CONTRACTOR                 | RMCI                   |
| SURVEYOR                   | CARTESIAN SURVEYS INC. |
| CONST. PROJECT COORDINATOR | ADAM BERGSTRASSER      |
| LETTER OF ACCEPTANCE DATE  | 6/8/2014               |
| CONSTRUCTION ENGINEER      | BILL WOODWARD          |

### APPROVAL OF RECORD DRAWINGS

ABCWUA ENGINEER

DATE

### APPROVED AS RECORD DRAWINGS

DMD/CSD  
CITY CONSTRUCTION ENGINEER

DATE: 1/14/15

| REV.                        | SHEETS | CITY ENGINEER    | DATE                 | USER DEPARTMENT | DATE                                               | USER DEPARTMENT | DATE |
|-----------------------------|--------|------------------|----------------------|-----------------|----------------------------------------------------|-----------------|------|
| ENGINEERS STAMP & SIGNATURE |        | APPROVED         | ENGINEER             | DATE            | APPROVED FOR CONSTRUCTION                          |                 |      |
| <i>Douglas L. Adams</i>     |        | DRC Chairman     | <i>Bill Woodward</i> | 1-11-13         | <i>Bill Woodward</i> 1-14-15<br>CITY ENGINEER DATE |                 |      |
|                             |        | Transportation   | <i>Bill Woodward</i> | 12/2/12         |                                                    |                 |      |
|                             |        | Water/Wastewater | <i>Bill Woodward</i> | 1-10-13         |                                                    |                 |      |
|                             |        | Hydrology        | <i>Bill Woodward</i> | 1/8/13          |                                                    |                 |      |
|                             |        | CIP              |                      |                 |                                                    |                 |      |
|                             |        | Constr. Mngmt.   |                      |                 |                                                    |                 |      |
|                             |        | Constr. Coord.   |                      |                 |                                                    |                 |      |
| City Project No.            |        | Zone Map No.     | Drawing No.          | Sheet           | Of                                                 |                 |      |
| 7663.91                     |        | C-18/C-19        | 1-1                  | 1               | 84                                                 |                 |      |



| Alameda Blvd. Widening – Base Bid |             |                                                               |
|-----------------------------------|-------------|---------------------------------------------------------------|
| Sheet No.                         | Drawing No. | Sheet Title                                                   |
| SIGNING–STRIPING SHEETS           |             |                                                               |
| 62                                | 8–1         | OVERALL SIGNING & STRIPING PLAN                               |
| 63                                | 8–2         | ALAMEDA SIGNING & STRIPING – BOP STA 2+29.88 TO STA 7+00      |
| 64                                | 8–3         | ALAMEDA SIGNING & STRIPING – STA 7+00 TO STA 25+00            |
| 65                                | 8–4         | ALAMEDA SIGNING & STRIPING – STA 25+00 TO STA 43+00           |
| 66                                | 8–5         | ALAMEDA SIGNING & STRIPING – STA 43+00 TO STA 61+00           |
| 67                                | 8–6         | ALAMEDA SIGNING & STRIPING – STA 61+00 TO STA 64+60.64 EOP    |
| 68                                | 8–7         | SAN PEDRO SIGNING & STRIPING BOP STA 5+00 TO STA 18+11.05 EOP |
| 69                                | 8–8         | LOUISIANA SIGNING & STRIPING BOP STA 5+00 TO STA 18+98.86     |
| 70                                | 8–9         | WYOMING SIGNING & STRIPING BOP STA 5+00 TO STA 14+00 EOP      |
| 71                                | 8–10        | SIGNING & STRIPING – DETAILS                                  |
| SAN PEDRO STORM DRAIN             |             |                                                               |
| 72                                |             | GENERAL NOTES & LEGEND                                        |
| 73                                |             | OVERALL LAYOUT                                                |
| 74                                |             | REMOVAL AND PAVING SHEET SAN PEDRO DR.                        |
| 75                                |             | SAN PEDRO DR. PLAN & PROFILE STA. 115+80 TO STA. 120+00       |
| 76                                |             | SAN PEDRO DR. PLAN & PROFILE STA. 120+00 TO STA. 121+82.86    |
| 77                                |             | SAN PEDRO DR. PLAN & PROFILE 48" RCP AT SIGNAL AVENUE         |
| 78                                |             | SIGNAL AVE. PLAN & PROFILE NORTH 48" RCP                      |
| 79                                |             | SIGNAL AVE. PLAN & PROFILE SOUTH 48" RCP                      |
| 80                                |             | T-MANHOLE & STORM INLET DETAILS                               |
| 81                                |             | SIGNAL AVE. PLAN & PROFILE UTILITY LOWERING                   |
| 82                                |             | JUNCTION BOX #4 – DETAIL SHEET                                |
| WORK ZONE                         |             |                                                               |
| 83                                | 10–1        | WORK ZONE MAP                                                 |
| 84                                | 10–2        | WORK ZONE MAP                                                 |

|                                             |             |                                                             |
|---------------------------------------------|-------------|-------------------------------------------------------------|
| Alameda Blvd. Widening—Additive Alternate 1 |             |                                                             |
| Sheet No.                                   | Drawing No. | Sheet Title                                                 |
| GENERAL SHEETS                              |             |                                                             |
| 1—AA1                                       | 1—1         | TITLE SHEET & VICINITY MAP                                  |
| 2—AA1                                       | 1—2         | INDEX OF SHEETS                                             |
| REMOVAL SHEETS                              |             |                                                             |
| 3—AA1                                       | 2—1         | OVERALL REMOVAL PLAN                                        |
| 4—AA1                                       | 2—2         | ALAMEDA REMOVAL SHEET — STA 7+00 TO STA 25+00               |
| 5—AA1                                       | 2—3         | ALAMEDA REMOVAL SHEET — STA 25+00 TO STA 43+00              |
| STORM DRAIN SHEETS                          |             |                                                             |
| 6—AA1                                       | 4—1         | OVERALL STORM DRAIN IMPROVEMENT PLAN                        |
| 7—AA1                                       | 4—2         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 7+00 TO STA 16+00  |
| 8—AA1                                       | 4—3         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 16+00 TO STA 25+00 |
| 9—AA1                                       | 4—4         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 25+00 TO STA 34+00 |
| 10—AA1                                      | 4—5         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 34+00 TO STA 40+00 |
| 11—AA1                                      | 4—6         | LATERALS                                                    |

1

EXISTING SPOT ELEVATION

|                                              |             |                                                             |
|----------------------------------------------|-------------|-------------------------------------------------------------|
| Alameda Blvd. Widening--Additive Alternate 2 |             |                                                             |
| Sheet No.                                    | Drawing No. | Sheet Title                                                 |
| GENERAL SHEETS                               |             |                                                             |
| 1-AA2                                        | 1-1         | TITLE SHEET & VICINITY MAP                                  |
| 2-AA2                                        | 1-2         | INDEX OF SHEETS                                             |
| REMOVAL SHEETS                               |             |                                                             |
| 3-AA2                                        | 2-1         | OVERALL REMOVAL PLAN                                        |
| 4-AA2                                        | 2-2         | ALAMEDA REMOVAL SHEET - STA 7+00 TO STA 25+00               |
| 5-AA2                                        | 2-3         | ALAMEDA REMOVAL SHEET - STA 25+00 TO STA 43+00              |
| ROADWAY SHEETS                               |             |                                                             |
| 6-AA2                                        | 3-1         | OVERALL ROADWAY IMPROVEMENT PLAN                            |
| 7-AA2                                        | 3-2         | ALAMEDA ROADWAY PLAN & PROFILE STA 7+00 TO STA 16+00        |
| 8-AA2                                        | 3-3         | ALAMEDA ROADWAY PLAN & PROFILE STA 16+00 TO STA 25+00       |
| 9-AA2                                        | 3-4         | ALAMEDA ROADWAY PLAN & PROFILE STA 25+00 TO STA 34+00       |
| 10-AA2                                       | 3-5         | TYPICAL SECTIONS & PAVING DETAILS                           |
| 11-AA2                                       | 3-6         | PRIVATE DRIVEWAY DETAILS                                    |
| 12-AA2                                       | 3-7         | PRIVATE DRIVEWAY DETAILS                                    |
| STORM DRAIN SHEETS                           |             |                                                             |
| 13-AA2                                       | 4-1         | OVERALL STORM DRAIN IMPROVEMENT PLAN                        |
| 14-AA2                                       | 4-2         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 7+00 TO STA 16+00  |
| 15-AA2                                       | 4-3         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 16+00 TO STA 25+00 |
| 16-AA2                                       | 4-4         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 25+00 TO STA 34+00 |
| 17-AA2                                       | 4-5         | LATERALS                                                    |
| TRAFFIC SHEETS                               |             |                                                             |
| 18-AA2                                       | 7-1         | TRAFFIC SIGNAL QUANTITIES                                   |
| 19-AA2                                       | 7-2         | ALAMEDA CORRIDOR COMMUNICATIONS LAYOUT                      |
| 20-AA2                                       | 7-3         | ALAMEDA COMMUNICATION SYSTEM - CONDUIT AND CONDUCTOR RUNS   |
| 21-AA2                                       | 7-4         | ALAMEDA COMMUNICATIONS SYSTEM- SPLICE DETAILS 1             |
| 22-AA2                                       | 7-5         | ALAMEDA COMMUNICATIONS SYSTEM- SPLICE DETAILS 2             |
| SIGNING--STRIPING SHEETS                     |             |                                                             |
| 23-AA2                                       | 8-1         | OVERALL SIGNING & STRIPING PLAN                             |
| 24-AA2                                       | 8-2         | ALAMEDA SIGNING & STRIPING - STA 7+00 TO STA 25+00          |
| 25-AA2                                       | 8-3         | ALAMEDA SIGNING & STRIPING - STA 25+00 TO STA 43+00         |

---

### WATERLINE RELOCATION



**SMITH**  
ENGINEERING  
COMPANY

NEW MEXICO

**SOLUTIONS FOR TODAY...  
VISION FOR TOMORROW**

2201 San Pedro Dr. NE  
Building 4, Suite 200  
Albuquerque, NM 87110  
Phone: (505) 884-0700  
Fax: (505) 884-2376

**TEXAS**

|        |                        |
|--------|------------------------|
| TITLE: | ALAMEDA BLVD. WIDENING |
|        | INDEX OF SHEETS        |

Design Review Committee

APPROVED

JAN 11 2013

DESIGN  
REVIEW COMMITTEE

City Engineer Approval

**APPROVED**

JAN 11 2013

CITY ENGINEER

| Project Name | Project Manager | Start Date | End Date   | Status      | Last Design Update |
|--------------|-----------------|------------|------------|-------------|--------------------|
| Project A    | John Doe        | 2023-01-15 | 2023-03-31 | Completed   | 2023-03-28         |
| Project B    | Jane Smith      | 2023-02-01 | 2023-04-15 | In Progress | 2023-04-10         |
| Project C    | Mike Johnson    | 2023-03-10 | 2023-05-31 | On Hold     | 2023-03-15         |
| Project D    | Sarah Lee       | 2023-04-01 | 2023-06-30 | Planned     | 2023-04-05         |

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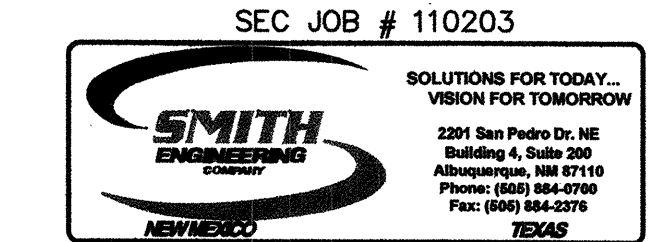
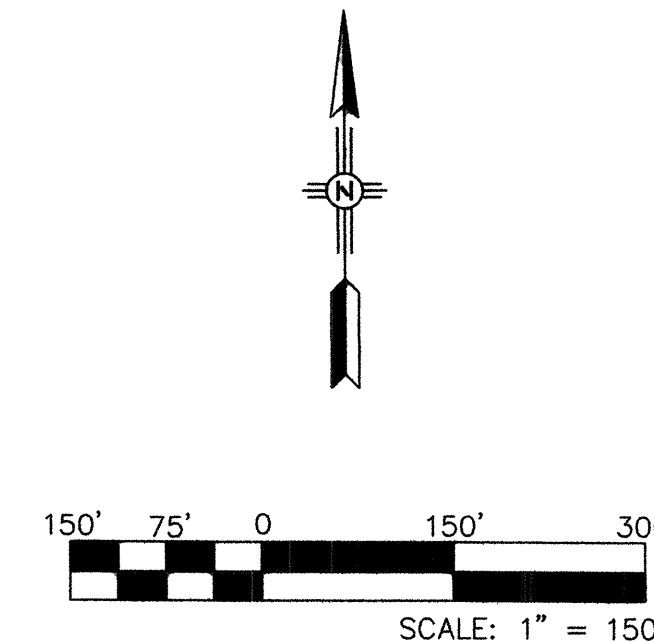
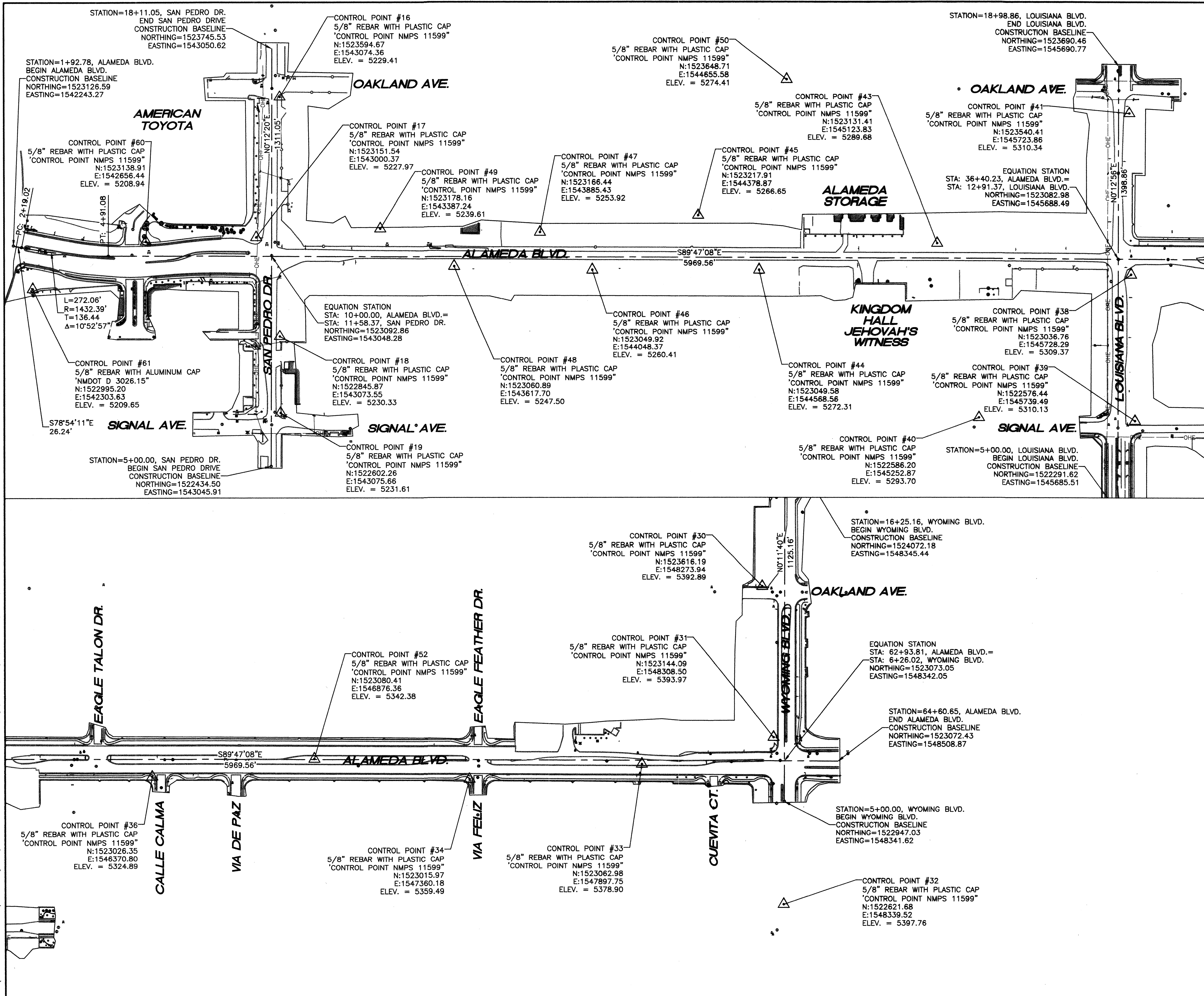
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|                                                                                    |                                                                    |                    |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------|---------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION |                                                                    |                    |                     |
| TITLE: ALAMEDA BLVD. WIDENING                                                      |                                                                    |                    |                     |
| LOCAL SURVEY CONTROL AND CONSTRUCTION BASELINE INFORMATION                         |                                                                    |                    |                     |
| Design Review Committee<br>APPROVED<br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE      | City Engineer Approval<br>APPROVED<br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.    | No. / Day / Yr.     |
| City Project No.<br>7663.91                                                        | Zone Map No.<br>C-18/C-19                                          | Drawing No.<br>1-4 | Sheet<br>4 Of<br>84 |

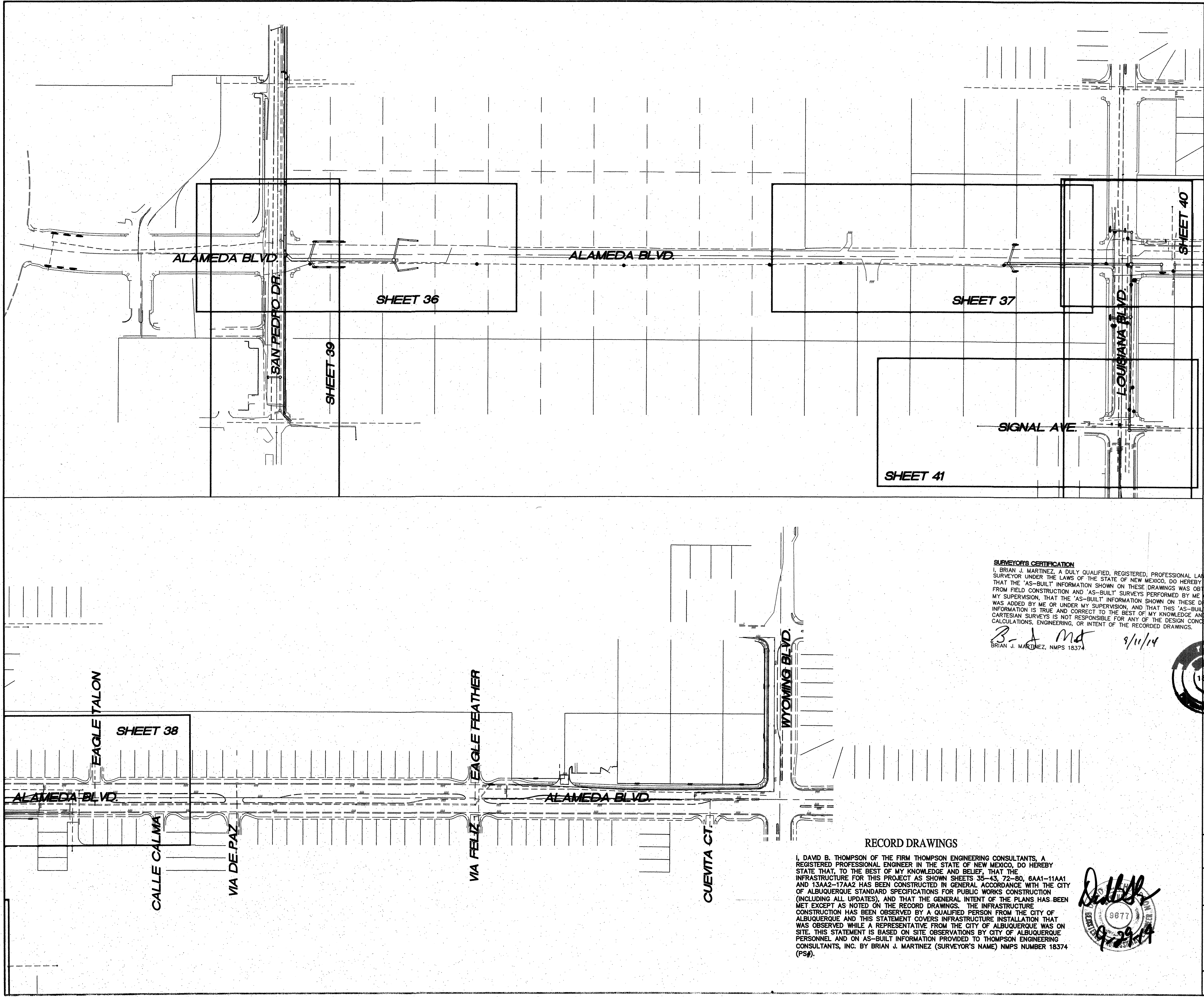
| SURVEY INFORMATION |                         | BENCH MARKS |                                                                                                                                                                                                                                                                                                                                                  | AS BUILT INFORMATION                                                                                                                                                                         |                                                          |
|--------------------|-------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| NO.                | BY                      | DATE        | COORDINATES                                                                                                                                                                                                                                                                                                                                      | CONTRACTOR                                                                                                                                                                                   | DATE                                                     |
| 11599              | Surveying Control, Inc. | 1/1/2010    | N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334981 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). N:1524634.40 E:1543081.96 | CONTRACTOR: RMC, INC.<br>STAKED BY: CARTESIAN SURVEYS, INC.<br>ACCEPTANCE BY: COA<br>VERIFICATION BY: COA<br>CORRECTED BY: ENGINEERING CO.<br>MICRO-FILM INFORMATION: RECORDED BY: DATE: NO. | DATE 7-14<br>DATE 7-14<br>DATE 7-14<br>DATE 7-14<br>DATE |

ENGINEER: *Douglas J. Gadd*  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF NEW MEXICO  
1971  
01-08-13

| NO.         | DATE | REMARKS | BY      |
|-------------|------|---------|---------|
| REVISIONS   |      |         |         |
| DESIGN      |      |         |         |
| DESIGNED BY | DLA  | DATE    | 12-2012 |
| DRAWN BY    | SEC  | DATE    | 12-2012 |
| CHECKED BY  | DLA  | DATE    | 12-2012 |



Y:\PROJECTS\COA Alameda\ALTERNATE-BASE-BID\4-1 OVERALL ROADWAY PLAN.dwg



RECORD DRAWINGS

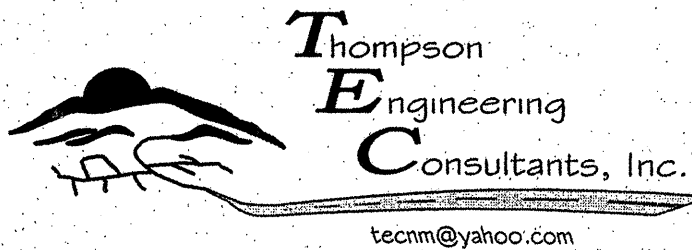
I, DAVID B. THOMPSON OF THE FIRM THOMPSON ENGINEERING CONSULTANTS, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY STATE THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE FOR THIS PROJECT AS SHOWN SHEETS 35-43, 72-80, 8AA1-11AA1 AND 13AA2-17AA2 HAS BEEN CONSTRUCTED IN GENERAL ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (INCLUDING ALL UPDATES), AND THAT THE GENERAL INTENT OF THE PLANS HAS BEEN MET EXCEPT AS NOTED ON THE RECORD DRAWINGS. THE INFRASTRUCTURE CONSTRUCTION HAS BEEN OBSERVED BY A QUALIFIED PERSON FROM THE CITY OF ALBUQUERQUE AND THIS STATEMENT COVERS INFRASTRUCTURE INSTALLATION THAT WAS OBSERVED WHILE A REPRESENTATIVE FROM THE CITY OF ALBUQUERQUE WAS ON SITE. THIS STATEMENT IS BASED ON SITE OBSERVATIONS BY CITY OF ALBUQUERQUE PERSONNEL AND ON AS-BUILT INFORMATION PROVIDED TO THOMPSON ENGINEERING CONSULTANTS, INC. BY BRIAN J. MARTINEZ (SURVEYOR'S NAME) NMPS NUMBER 18374 (PS#).

**SURVEYOR'S CERTIFICATION**  
I, BRIAN J. MARTINEZ, A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORDED DRAWINGS.

*B. J. Martinez* 9/11/14  
BRIAN J. MARTINEZ, NMPS 18374



150' 75' 0 150' 300'  
SCALE: 1" = 150'



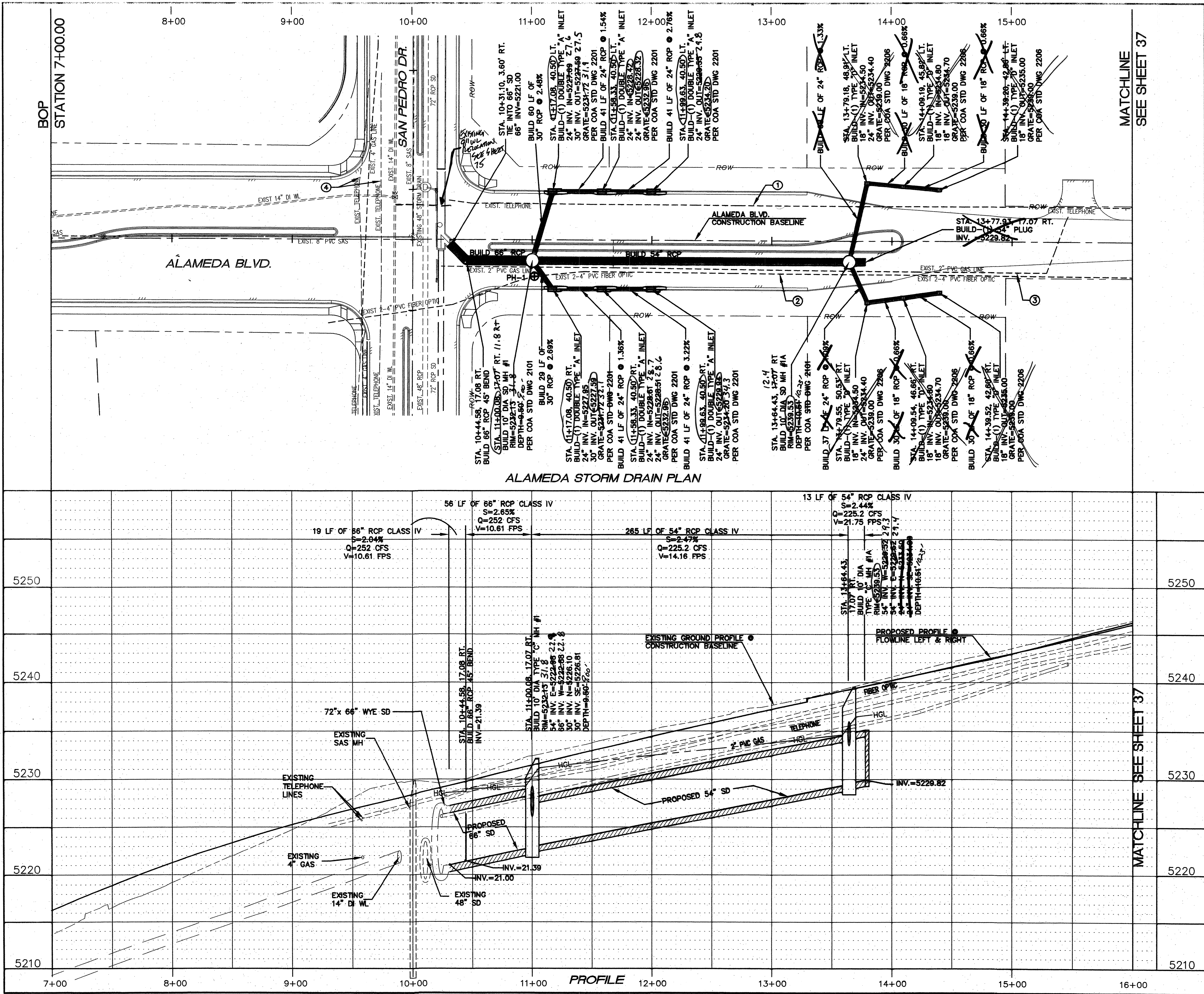
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **ALAMEDA BLVD. WIDENING  
OVERALL STORM DRAIN IMPROVEMENT PLAN**

|                                    |                                  |                            |                                    |
|------------------------------------|----------------------------------|----------------------------|------------------------------------|
| Design Review Committee            | City Engineer Approval           | No. / Rev. / Yr.           | No. / Rev. / Yr.                   |
|                                    |                                  |                            |                                    |
| City Project No.<br><b>7663.91</b> | Zone Map No.<br><b>C-18/C-19</b> | Sequence No.<br><b>4-1</b> | Sheet<br><b>35</b> Of<br><b>84</b> |

| ENGINEERS SEAL               |  | SURVEY INFORMATION |    | BENCH MARKS                                        |                                                  | AS-BUILT INFORMATION   |  |
|------------------------------|--|--------------------|----|----------------------------------------------------|--------------------------------------------------|------------------------|--|
| <div><div>1-4-13</div></div> |  | FIELD NOTES        |    | Coordinates shown hereon are modified (surface)    |                                                  | CONTRACTOR RMCI, INC.  |  |
|                              |  | NO.                | BY | DATE                                               | N.M. State Plane Coordinates – Central Zone,     | WORK STAKED BY         |  |
|                              |  | 11599              |    |                                                    | NAD 83 and were derived by scaling State         | DATE 7-14              |  |
|                              |  |                    |    |                                                    | Plane grid coordinates by the project average    | INSPECTOR'S            |  |
|                              |  |                    |    |                                                    | combined factor of CF = 1.000334961 around       | ACCEPTANCE BY          |  |
|                              |  |                    |    |                                                    | an origin of 0.0. Elevations are NAVD 88, and    | DATE 7-14              |  |
|                              |  |                    |    |                                                    | are adjusted to the NGS Control Station "10-C18, | FIELD VERIFICATION BY  |  |
|                              |  |                    |    |                                                    | 1985" (published elevation = 5222.090').         | DATE 7-14              |  |
|                              |  |                    |    | The coordinates and elevations are US Survey Feet. |                                                  | MICRO-FILM INFORMATION |  |
|                              |  |                    |    |                                                    |                                                  | RECORDED BY            |  |
|                              |  |                    |    |                                                    |                                                  | DATE                   |  |
|                              |  |                    |    |                                                    |                                                  | NO.                    |  |
|                              |  |                    |    |                                                    |                                                  |                        |  |





**KEYED NOTES:**

- EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
- EXISTING 2" PVC GAS LINE TO BE RELOCATED BY GAS CO. OF N.M.
- EXISTING TELEPHONE LINE TO BE RELOCATED BY CENTURYLINK.

**POT-HOLE INFORMATION**

| NO.  | ELEV. AT TOP OF PIPE | UTILITY    | MATERIAL | DIAMETER |
|------|----------------------|------------|----------|----------|
| PH-1 | 5230.33              | FIBER OPT. | PVC      | 2-4"     |

**CERTIFICATION**

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*

**NOTE:**

HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

**ENGINEERS SEAL**

*[Seal]*

**AS BUILT INFORMATION**

CONTRACTOR: RMO, INC.  
WORKED BY: CATESAN SURVEYS, INC.  
INSPECTED BY: COA  
ACCEPTANCE BY: COA  
DATE: 7-14  
DATE: 7-14  
DATE: 7-14  
DATE: 7-14

**SURVEY INFORMATION**

FIELD NOTES BY: DATE: 11-2010  
NO. 11599  
SURVEYING CONTROL INC. 11-2010  
Plane grid coordinates by the project average combined factor of CF = 1.000334981 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station 10-C18, 1985" (published elevation = 5222.090'). The coordinates and elevations are US Survey Feet.

**REVISIONS**

| NO. | DATE    | REMARKS | BY |
|-----|---------|---------|----|
| 1   | 12-2012 | DESIGN  |    |
| 2   | 12-2012 | DEM     |    |
| 3   | 12-2012 | DBT     |    |

**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

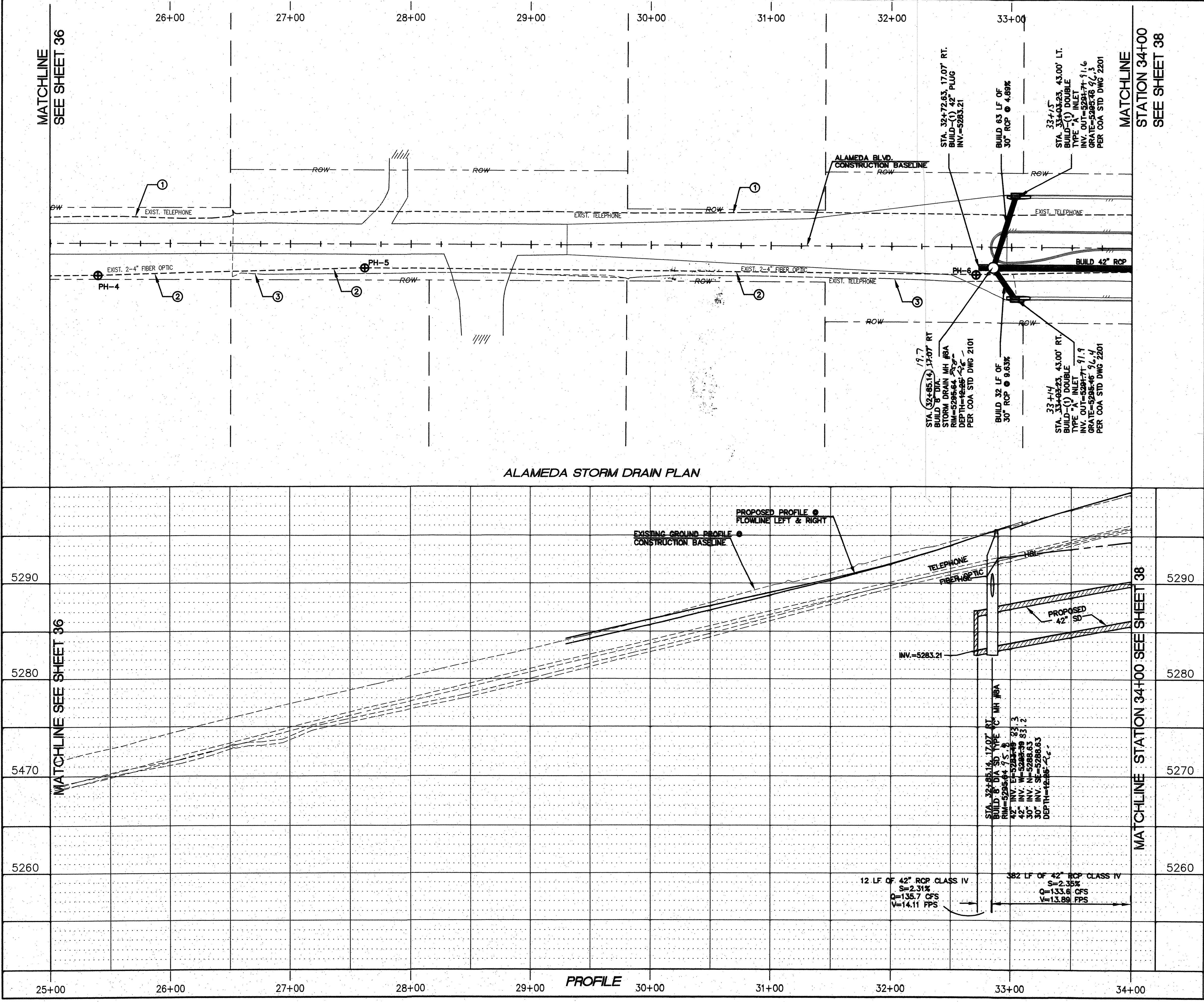
**TITLE:** ALAMEDA BLVD. WIDENING  
ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 7+00.00 TO STA. 16+00

**APPROVED**  
JAN 11 2013  
DESIGN REVIEW COMMITTEE

**APPROVED**  
JAN 11 2013  
CITY ENGINEER

City Project No. 7663.91  
Zone Map No. C-18/C-19  
Sequence No. 4-2  
Sheet 36 Of 84





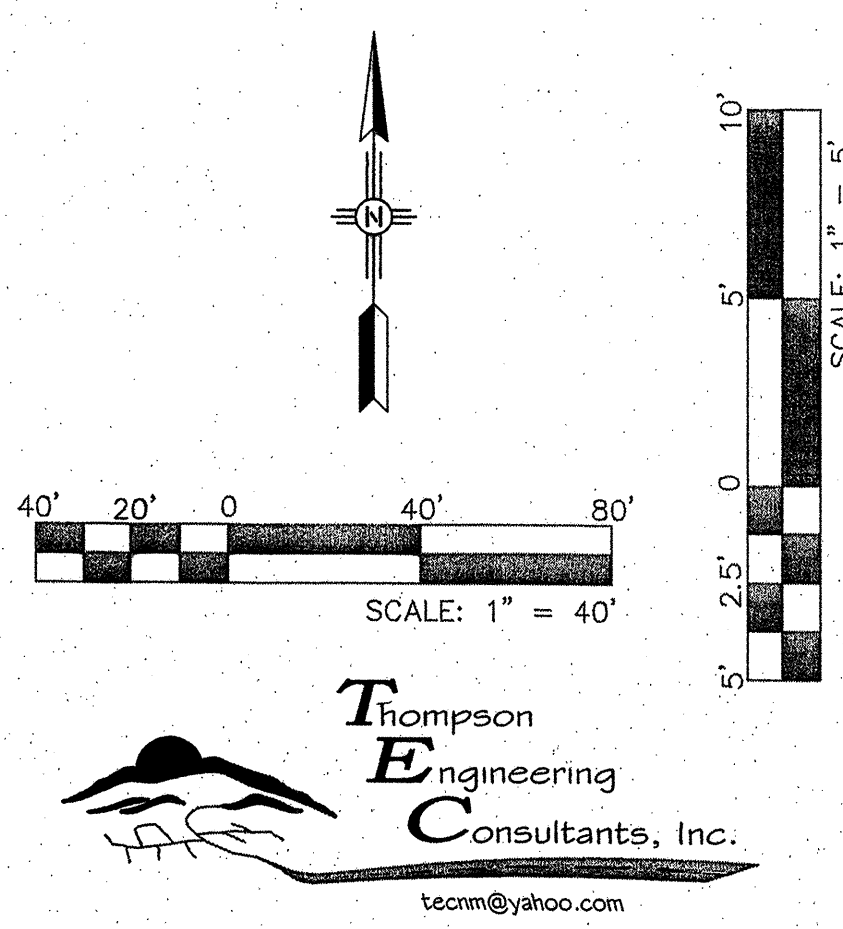
- KEYED NOTES:**
- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
  - ③ EXISTING TELEPHONE LINE TO BE TO BE RELOCATED BY CENTURYLINK.

| POT-HOLE INFORMATION |                      |           |             |
|----------------------|----------------------|-----------|-------------|
| NO.                  | ELEV. AT TOP OF PIPE | UTILITY   | DESCRIPTION |
| PH-4                 | 5289.52              | FIBER OPT | PVC 2-4"    |
| PH-5                 | 5276.51              | FIBER OPT | PVC 2-4"    |
| PH-6                 | 5291.91              | FIBER OPT | PVC 2-4"    |

**Certification**  
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*

**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.



**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**TITLE:** ALAMEDA BLVD. WIDENING  
ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 25+00 TO STA. 34+00

Design Review Committee

**APPROVED**

JAN 11 2013

DESIGN REVIEW COMMITTEE

City Engineer Approval

**APPROVED**

JAN 11 2013

CITY ENGINEER

Mo. / Day / Yr.

Mo. / Day / Yr.

City Project No. **7663.91**

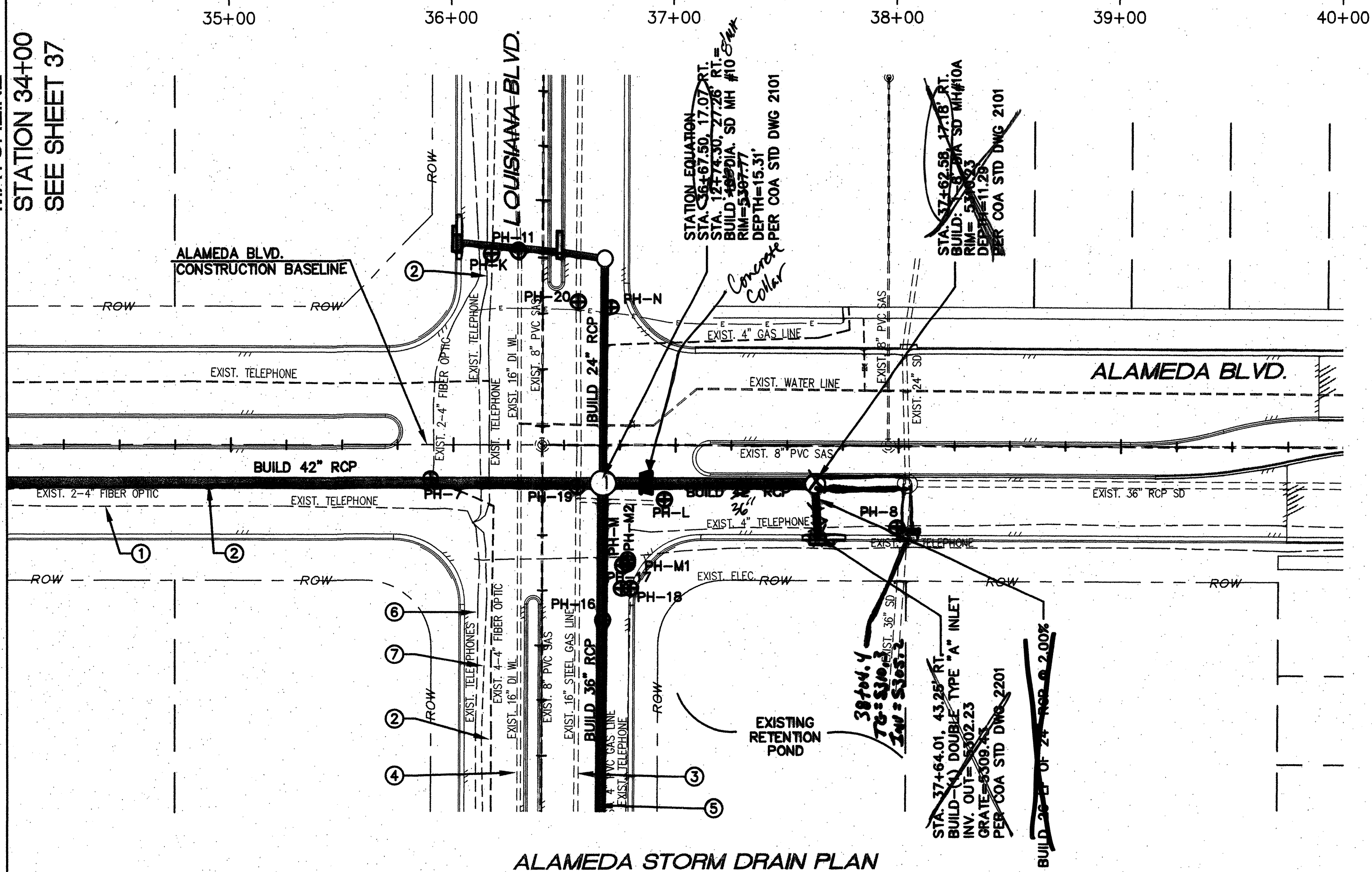
Zone Map No. **C-18/C-19**

Sequence No. **4-3**

Sheet **37** Of **84**

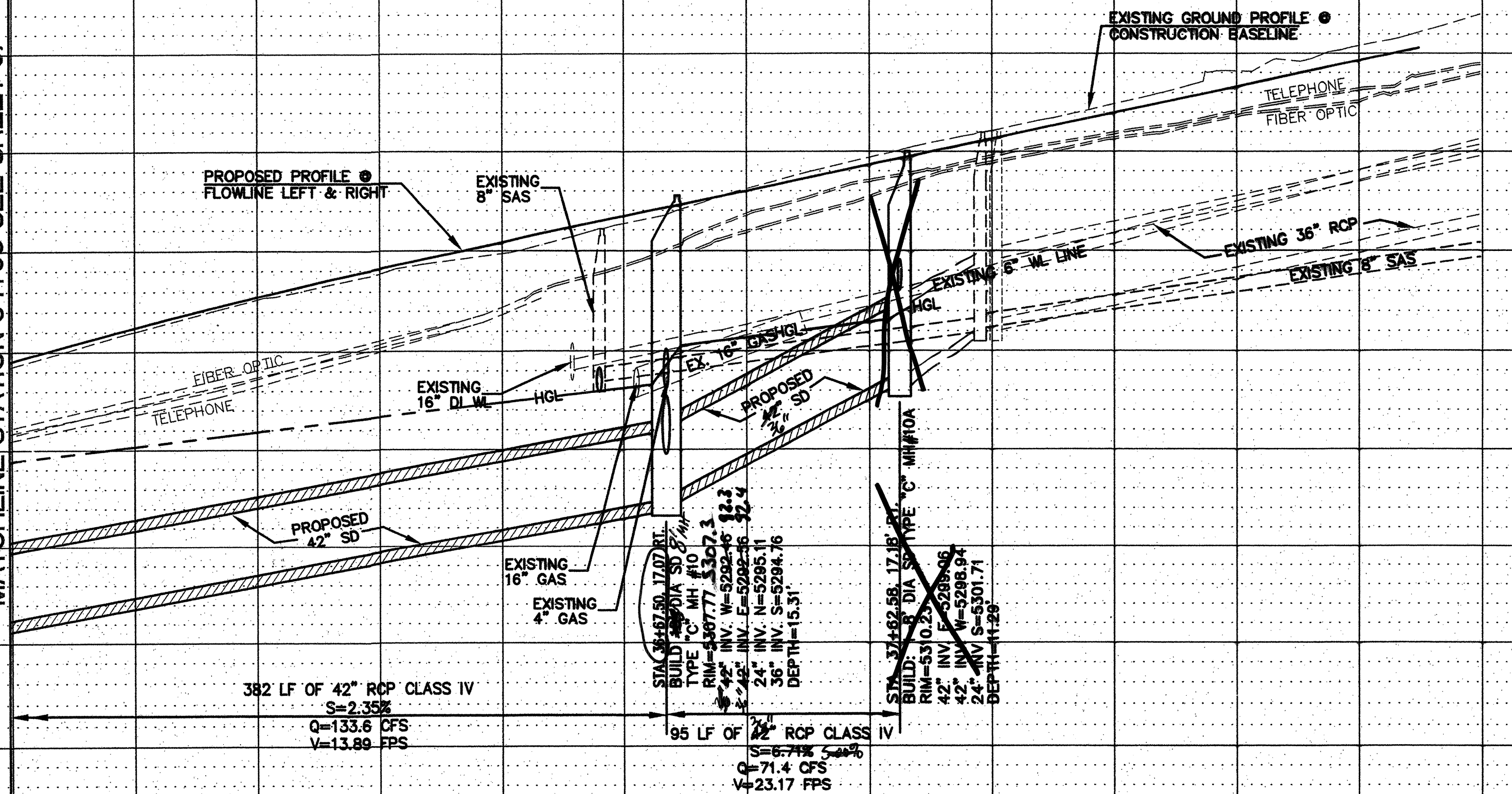


MATCHLINE  
STATION 34+00  
SEE SHEET 37



ALAMEDA STORM DRAIN PLAN

MATCHLINE STATION 34+00 SEE SHEET 37



PROFILE

KEYED NOTES:

- EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- EXISTING 4" PVC FIBER OPTIC LINE TO BE RELOCATED BY CENTURYLINK.
- CONTRACTOR TO PROTECT EXISTING 16" GAS LINE
- CONTRACTOR TO PROTECT EXISTING 16" WATER LINE
- EXISTING 4" GAS LINE TO BE RELOCATED BY NM GASCO.
- EXISTING TELEPHONE LINE TO BE RELOCATED BY CENTURYLINK.
- EXISTING OVERHEAD POWER LINES TO BE RELOCATED BY PNM

POT-HOLE INFORMATION

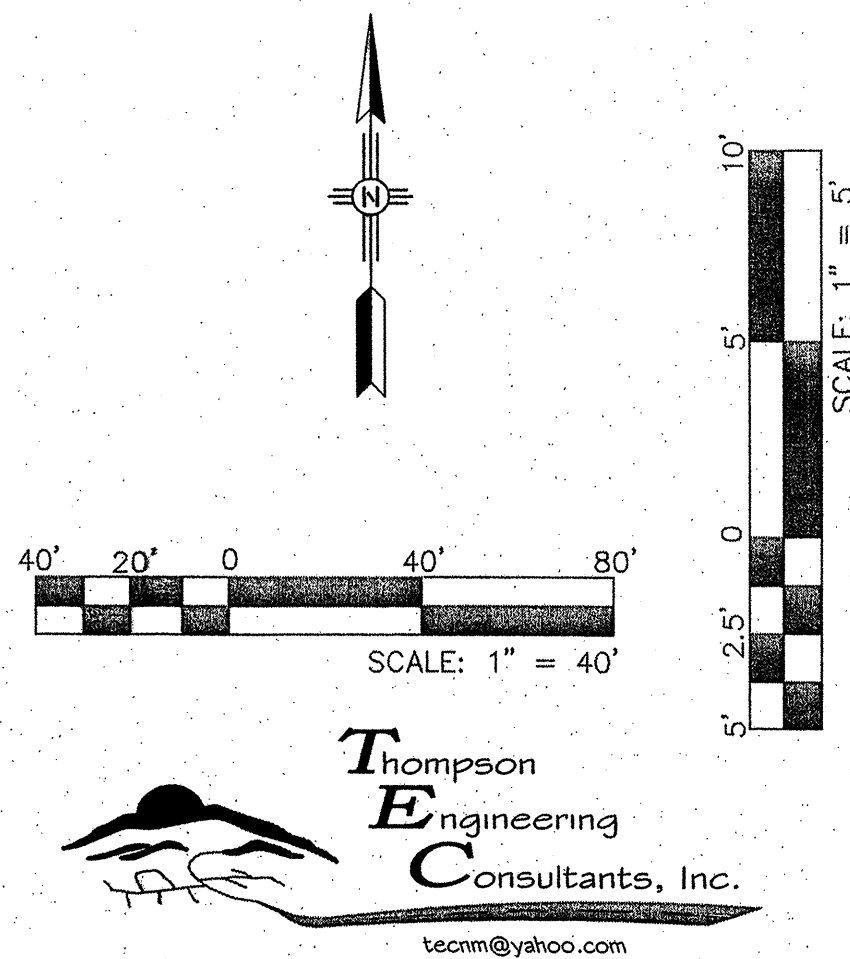
| NO.   | ELEV. AT TOP OF PIPE | UTILITY             | MATERIAL | DIAMETER |
|-------|----------------------|---------------------|----------|----------|
| PH-7  | 5301.36              | FIBER OPT           | PVC      | 2-4"     |
| PH-8  | 5306.79              | TELEPHONE           | PVC      | 4"       |
| PH-11 | 5302.84              | TELEPHONE           | PVC      | 3-3"     |
| PH-16 | 5303.11              | GAS                 | PVC      | 4"       |
| PH-17 | 5304.56              | TELEPHONE           | PVC      | 0.20'    |
| PH-18 | 5304.71              | TELEPHONE           | PVC      | 0.10'    |
| PH-19 | 5299.15              | GAS                 | PVC      | 4"       |
| PH-20 | 5298.19              | GAS                 | STEEL    | 16"      |
| PH-E  | 5311.23              | GAS                 | PE       | 0.18'    |
| PH-K  | 5302.12              | WATER               | IRON     | 16"      |
| PH-L  | 5301.20              | GAS                 | STEEL    | 14"      |
| PH-M  | 5308.96              | ELECTRIC            | PVC      | 4"       |
| PH-M1 | 5304.48              | TELEPHONE           | CABLE    | 0.18'    |
| PH-M2 | 5305.21              | GAS                 | PE       | 0.18'    |
| PH-N  | 5302.55              | ELECTRIC (2) CABLES |          | 0.18'    |

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Signature*

NOTE:  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

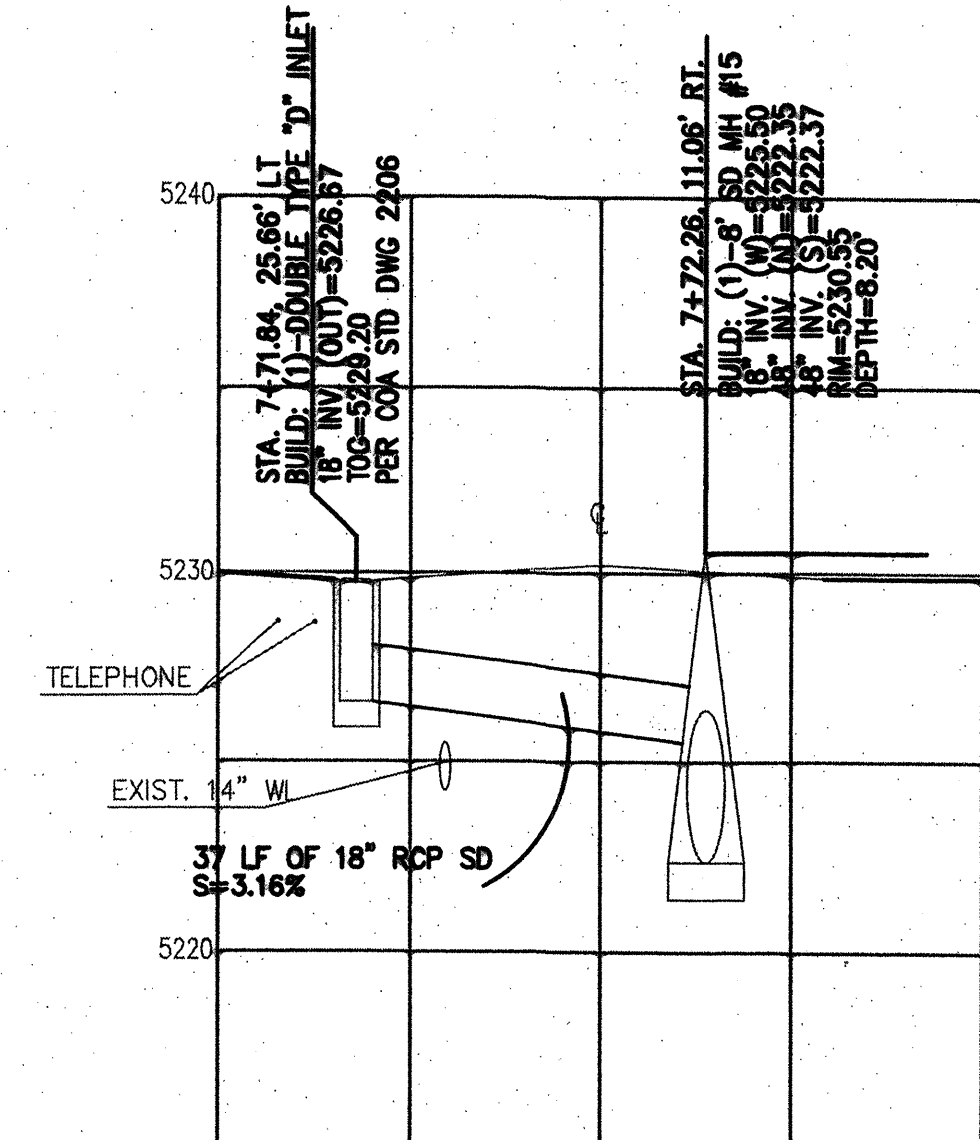


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: ALAMEDA BLVD. WIDENING  
ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 34+00 TO STA. 40+00

|                                                                               |                                                                    |                 |                 |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-----------------|
| Design Review Committee<br>APPROVED<br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br>APPROVED<br>JAN 11 2013<br>CITY ENGINEER | No. / Bay / Yr. | No. / Bay / Yr. |
|                                                                               |                                                                    |                 |                 |
|                                                                               |                                                                    |                 |                 |
|                                                                               |                                                                    |                 |                 |





**SAN PEDRO DRAIN LATERAL**  
**STA. 7+72.26, 11.06' RT.**  
**SCALE: 1"=20'**

KEYED NOTES:

- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
- ③ EXISTING 4" GAS LINE TO BE RELOCATED BY GAS CO. OF N.M.

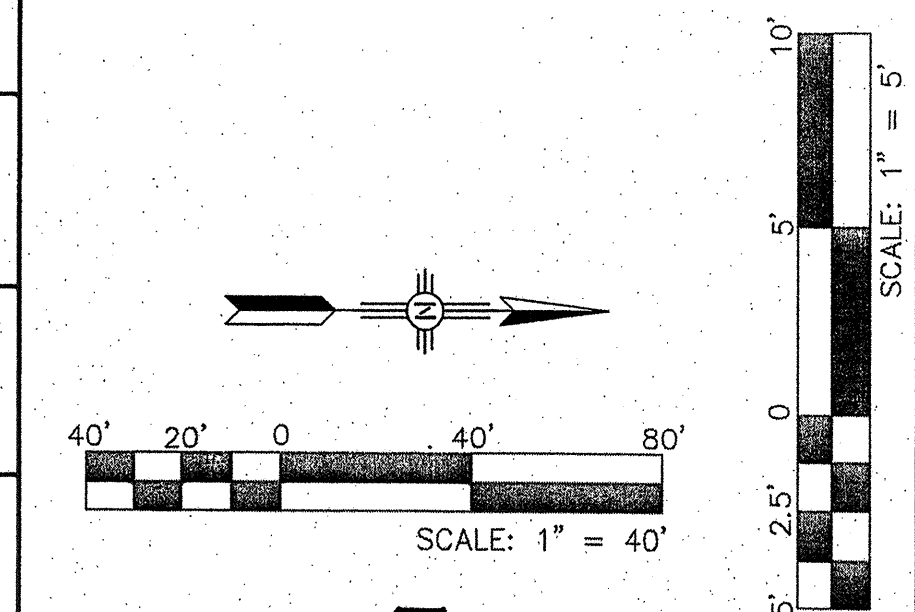
POT-HOLE INFORMATION

| NO.  | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|------|----------------------|-------------|----------|----------|
|      |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-H | 5225.48              | WATER       | DI       | 14"      |
|      |                      |             |          |          |

**Certification**  
THE CHANGES SHOWN HEREON ARE BASED UPON A  
FIELD SURVEY CONDUCTED BY ME OR UNDER MY  
SUPERVISION AND REFLECT THE LOCATIONS  
(VERTICALLY AND HORIZONTALLY) TO THE BEST OF  
MY KNOWI EDGE AND BELIEF

Br A m

NOTE:  
HGL BASED ON DEVELOPED CONDITIONS WITH  
FUTURE STORM DRAIN SYSTEM CONSTRUCTED.



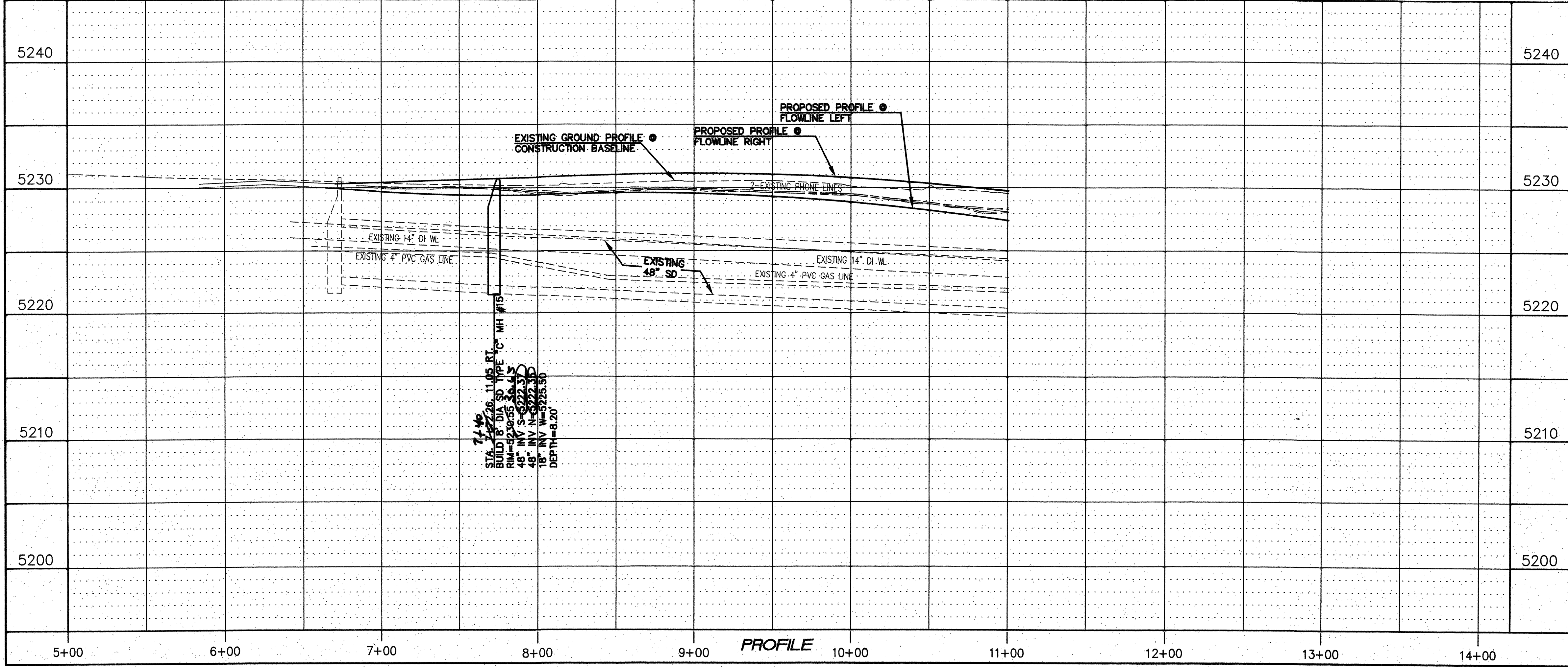
**Thompson**  
**E**ngineering  
**C**onsultants, Inc.  
tecncm@yahoo.com

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

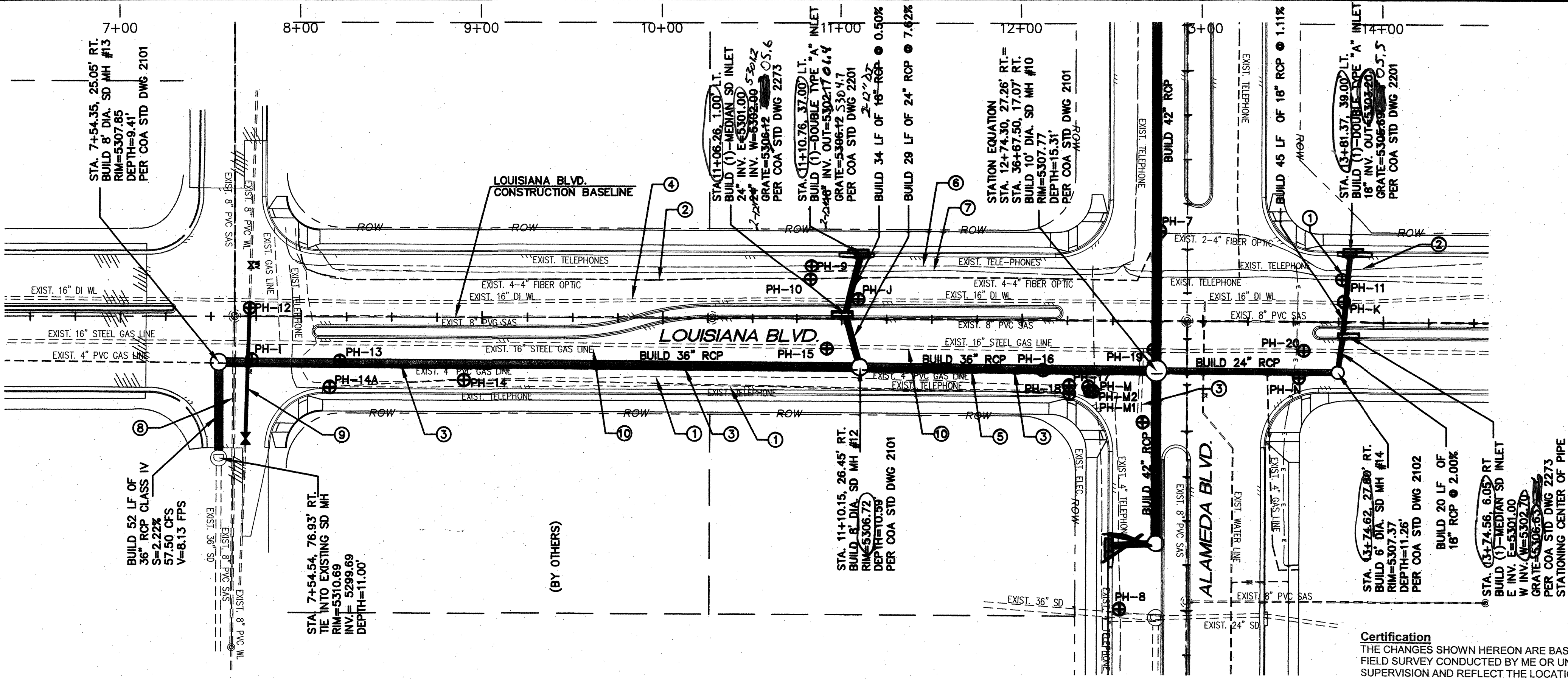
TITLE: **ALAMEDA BLVD. WIDENING**  
**SAN PEDRO STORM DRAIN PLAN AND PROFILE STA. 5+00 TO STA. 14+00**

| Design Review Committee | City Engineer Approval |                    | No. / Day / Yr. | No. / Day / Yr. |
|-------------------------|------------------------|--------------------|-----------------|-----------------|
|                         |                        | Last Design Update |                 |                 |
| City Project No.        | Date of Revision       |                    |                 |                 |

|                                    |                                  |                            |                    |                 |
|------------------------------------|----------------------------------|----------------------------|--------------------|-----------------|
| City Project No.<br><b>7663.91</b> | Zone Map No.<br><b>C-18/C-19</b> | Sequence No.<br><b>4-5</b> | Sheet<br><b>39</b> | Of<br><b>84</b> |
|------------------------------------|----------------------------------|----------------------------|--------------------|-----------------|







LOUISIANA STORM DRAIN PLAN

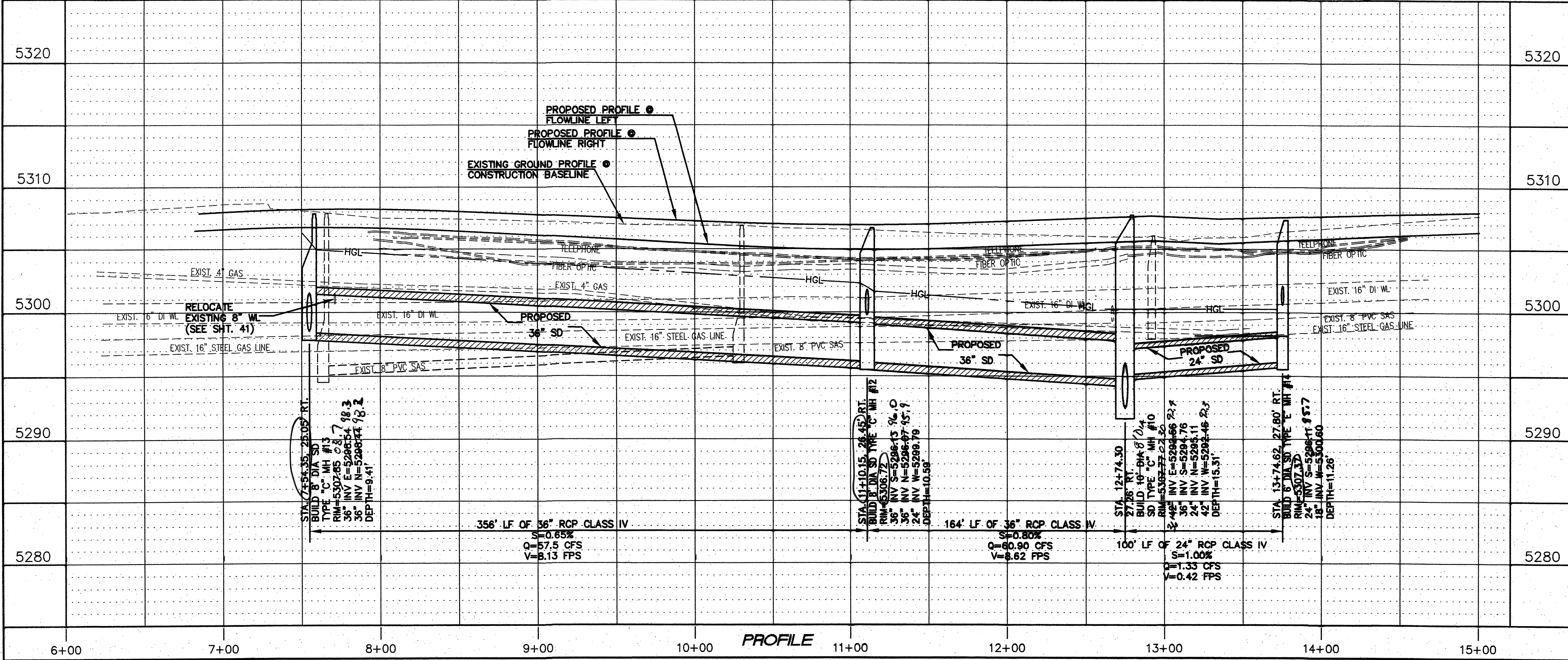
- KEYED NOTES:**
- EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - EXISTING 4" PVC FIBER OPTIC LINE TO BE REMOVED AND RELOCATED BY CENTURYLINK.
  - EXISTING 4" PVC GAS LINE TO BE REMOVED AND RELOCATED BY GAS CO. OF N.M.
  - CONTRACTOR TO PROTECT EXISTING 16" WATER LINE
  - EXISTING 4" GAS LINE TO BE RELOCATED BY NMGASCO.
  - EXISTING TELEPHONE LINE TO BE RELOCATED BY CENTURYLINK
  - EXISTING OVERHEAD POWER LINES TO BE RELOCATED BY PHM
  - CONTRACTOR TO PROTECT EXISTING 8" SANITARY SEWER LINE
  - CONTRACTOR TO RELOCATE EXISTING 8" WATER LINE VERTICALLY (SEE SHT. 41)
  - CONTRACTOR TO PROTECT EXISTING 16" GAS LINE

**POT-HOLE INFORMATION**

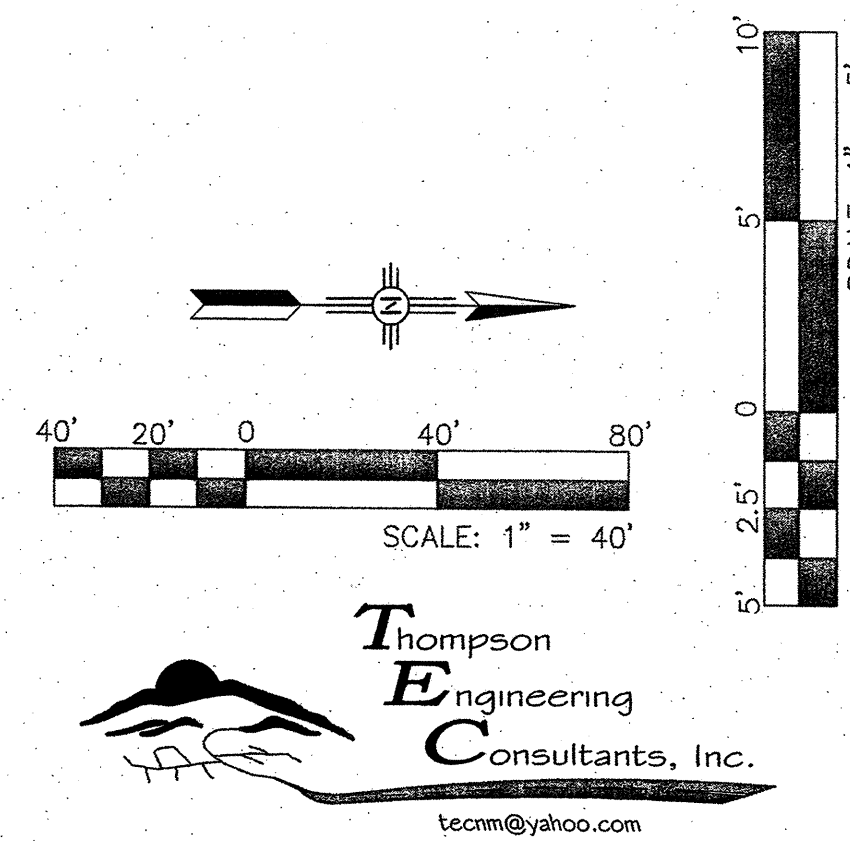
| NO.    | ELEV. AT TOP OF PIPE | UTILITY   | MATERIAL   | DIAMETER |
|--------|----------------------|-----------|------------|----------|
| PH-7   | 5301.36              | FIBER OPT | PVC        | 2-4"     |
| PH-8   | 5306.79              | TELEPHONE | PVC        | 4"       |
| PH-9   | 5302.77              | TELEPHONE | PVC        | 2"       |
| PH-10  | 5303.73              | FIBER OPT | PVC        | 4-4"     |
| PH-11  | 5302.64              | FIBER OPT | PVC        | 3-3"     |
| PH-12  | 5300.73              | WATER     | PVC        | 8"       |
| PH-13  | 5304.27              | GAS       | PVC        | 4"       |
| PH-14  | 5303.77              | TELEPHONE | PVC        | 2"       |
| PH-14A | 5305.46              | TELEPHONE | PVC        | 2"       |
| PH-15  | 5297.68              | GAS       | STEEL      | 16"      |
| PH-16  | 5303.11              | GAS       | PVC        | 4"       |
| PH-17  | 5304.56              | TELEPHONE | PVC        | 2"       |
| PH-18  | 5304.71              | TELEPHONE | PVC        | 2"       |
| PH-19  | 5299.15              | GAS       | STEEL      | 16"      |
| PH-20  | 5298.19              | GAS       | STEEL      | 16"      |
| PH-I   | 5301.48              | WATER     | PVC        | 8"       |
| PH-J   | 5301.13              | WATER     | IRON       | 16"      |
| PH-K   | 5302.12              | WATER     | IRON       | 16"      |
| PH-L   | 5301.20              | GAS       | STEEL      | 14"      |
| PH-M   | 5305.11              | ELECTRIC  | PVC        | 0.40'    |
| PH-M1  | 5304.48              | TELEPHONE | CABLE      | 0.18'    |
| PH-M2  | 5305.21              | GAS       | PE         | 0.18'    |
| PH-N   | 5302.55              | ELECTRIC  | (2) CABLES | 0.18'    |

**Certification**  
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*[Signature]*



**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

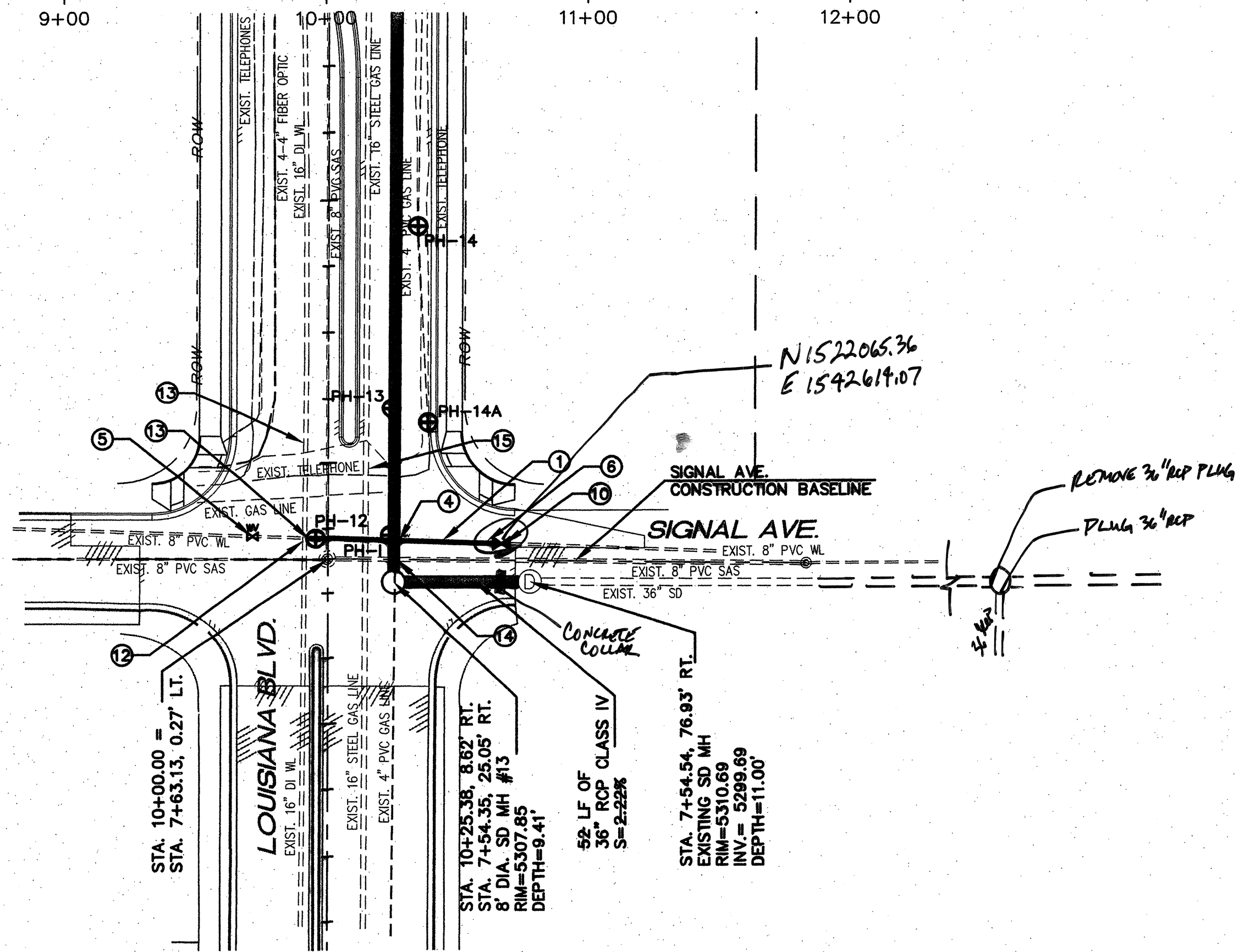


**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

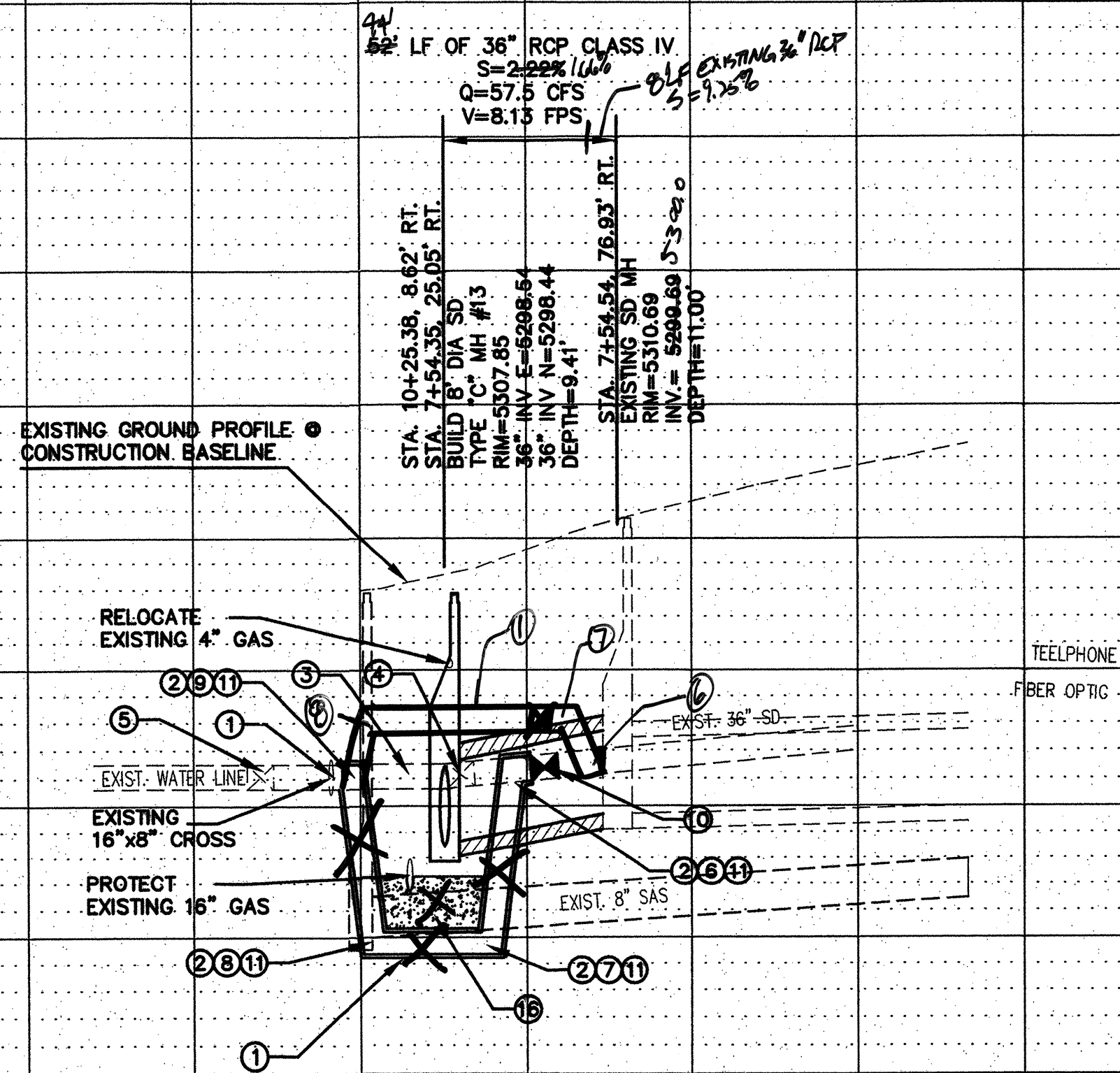
**TITLE:** ALAMEDA BLVD. WIDENING  
LOUISIANA STORM DRAIN PLAN AND PROFILE STA. 6+00 TO STA. 15+00

|                                                           |                                                 |                 |                 |
|-----------------------------------------------------------|-------------------------------------------------|-----------------|-----------------|
| Design Review Committee                                   | City Engineer Approval                          | No. / Day / Yr. | No. / Day / Yr. |
| <b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | <b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER |                 |                 |
| City Project No.                                          | Zone Map No.                                    | Sequence No.    | Sheet Of        |
| 7663.91                                                   | C-18/C-19                                       | 4-6             | 40 84           |





SIGNAL WATER RELOCATION PLAN



PROFILE

RECORD DRAWINGS

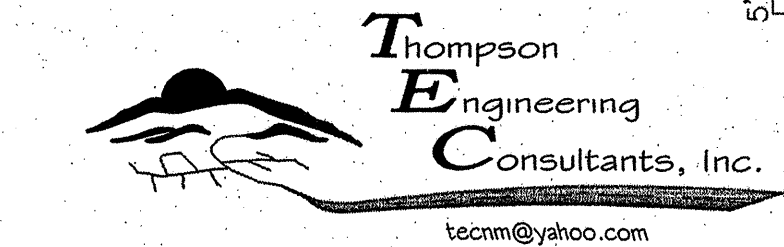
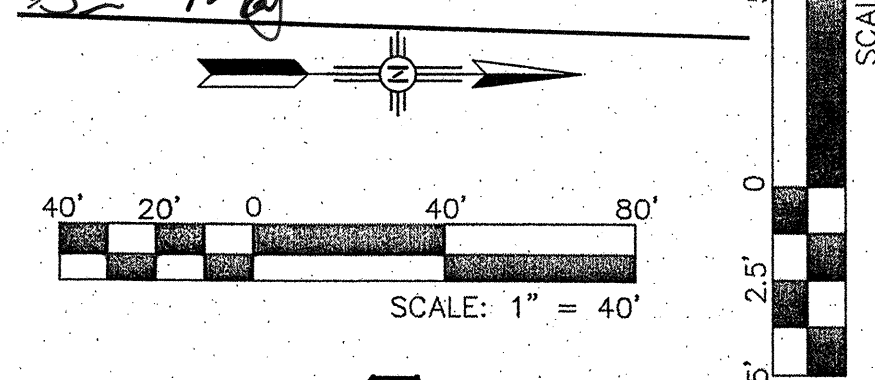
- KEYED NOTES:**
- NEW 8" C-900 DR18 WATERLINE FULLY RESTRAIN ALL JOINTS IN NEW SECTION OF PIPE
  - INSTALL PCC BLOCKING AT 45° FITTINGS PER COA STD DWG 2320
  - REMOVE AND DISPOSE 70 LF OF 8" WATERLINE
  - STA. 10+30.30 REMOVE AND DISPOSE 8" GATE VALVE AND BOX
  - STA. 9+71.45, 8.98' LT. 8" GATE VALVE AND BOX TO REMAIN
  - STA. 10+62.88, 6.58' LT. INSTALL 8" 45° DUCTILE IRON MECHANICAL JOINT FITTING T.O.P.=5304.79 02.15
  - STA. 10+42.88 INSTALL 8" 45° DUCTILE IRON MECHANICAL JOINT FITTING T.O.P.=5295.32 5303.39
  - STA. 10+13.19 INSTALL 8" 45° DUCTILE IRON MECHANICAL JOINT FITTING T.O.P.=5295.32 5303.39
  - STA. 9+93.19, 8.36' LT. INSTALL 8" MECHANICAL JOINT FITTING JOINT FITTING T.O.P.=5304.58 5300.45
  - STA. 10+66.30, 6.62' LT. INSTALL 8" MECHANICAL JOINT GATE VALVE AND TYPE "A" VALVE BOX
  - INSTALL EMD
  - STA. 9+91.67, 8.36' LT. TIE NEW 8" WATERLINE INTO EXISTING 16"x8" CROSS
  - CONTRACTOR TO PROTECT EXISTING 16" WATER LINE
  - CONTRACTOR TO PROTECT EXISTING 8" SANITARY SEWER LINE
  - CONTRACTOR TO PROTECT EXISTING 16" GAS LINE
  - PLACE LEAN-FILL PER ADOPTED STD DWG 2381

POT-HOLE INFORMATION

| NO.    | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|--------|----------------------|-------------|----------|----------|
|        |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-12  | 5300.73              | WATER       | PVC      | 8"       |
| PH-13  | 5304.27              | GAS         | PVC      | 4"       |
| PH-14  | 5303.77              | TELEPHONE   | PVC      | 2"       |
| PH-14A | 5305.46              | TELEPHONE   | PVC      | 2"       |
| PH-1   | 5301.48              | WATER       | PVC      | 8"       |

NOTE:  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

**Certification**  
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CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE:  
ALAMEDA BLVD. WIDENING  
SIGNAL WATER LINE RELOCATION  
PLAN AND PROFILE STA. 10+00 TO STA. 12+00

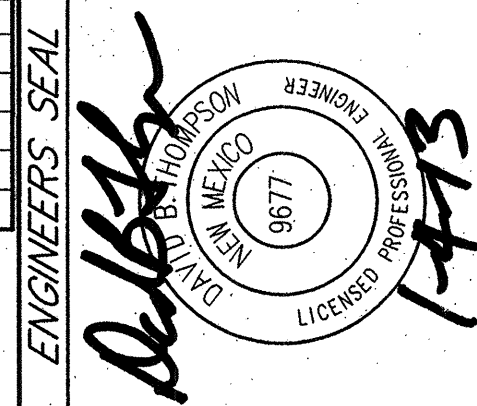
|                                                                                     |                                                                          |                                   |                                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Design Review Committee<br><b>APPROVE</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVE</b><br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.<br>____/____/____ | No. / Day / Yr.<br>____/____/____ |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|-----------------------------------|

City Project No. 766391  
Zone Map No. C-18/C-19  
Sequence No. 4-7

Sheet 41 Of 84

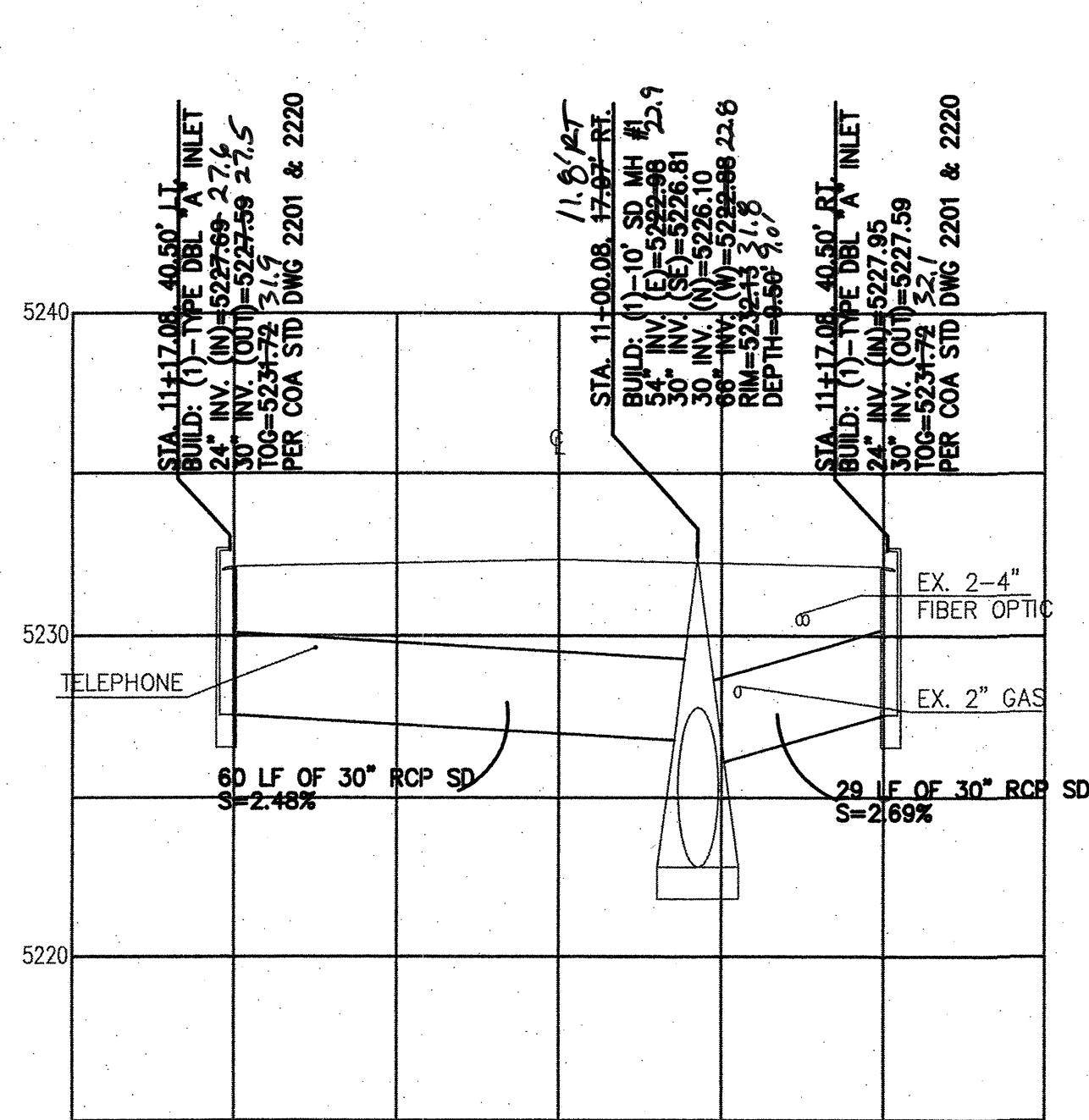
| SURVEY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                       |                         |         |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|--|
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                      | BY                      | DATE    |  |
| 11599                                                                                                                                                                                                                                                                                                                                                                                                                    | SURVEYING CONTROL, INC. | 11-2010 |  |
| FIELD NOTES                                                                                                                                                                                                                                                                                                                                                                                                              |                         |         |  |
| Coordinates shown hereon are modified (surface) N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project overage combined factor of CF = 1.000334981 around an origin of 0.0. Elevations are NAVD 83, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090). The coordinates and elevations are US Survey Feet. |                         |         |  |

| BENCH MARKS     |                        |      |      |
|-----------------|------------------------|------|------|
| CONTRACTOR      | RMCI, INC.             | DATE | DATE |
| INSPECTOR'S     | CHAS. W. WILSON, INC.  | DATE | DATE |
| ACCEPTANCE BY   | COA                    | DATE | DATE |
| VERIFICATION BY | COA                    | DATE | DATE |
| DRAWINGS        | SMITH ENGINEERING CO.  | DATE | DATE |
| RECORDED BY     | WICRO-FILM INFORMATION | DATE | DATE |

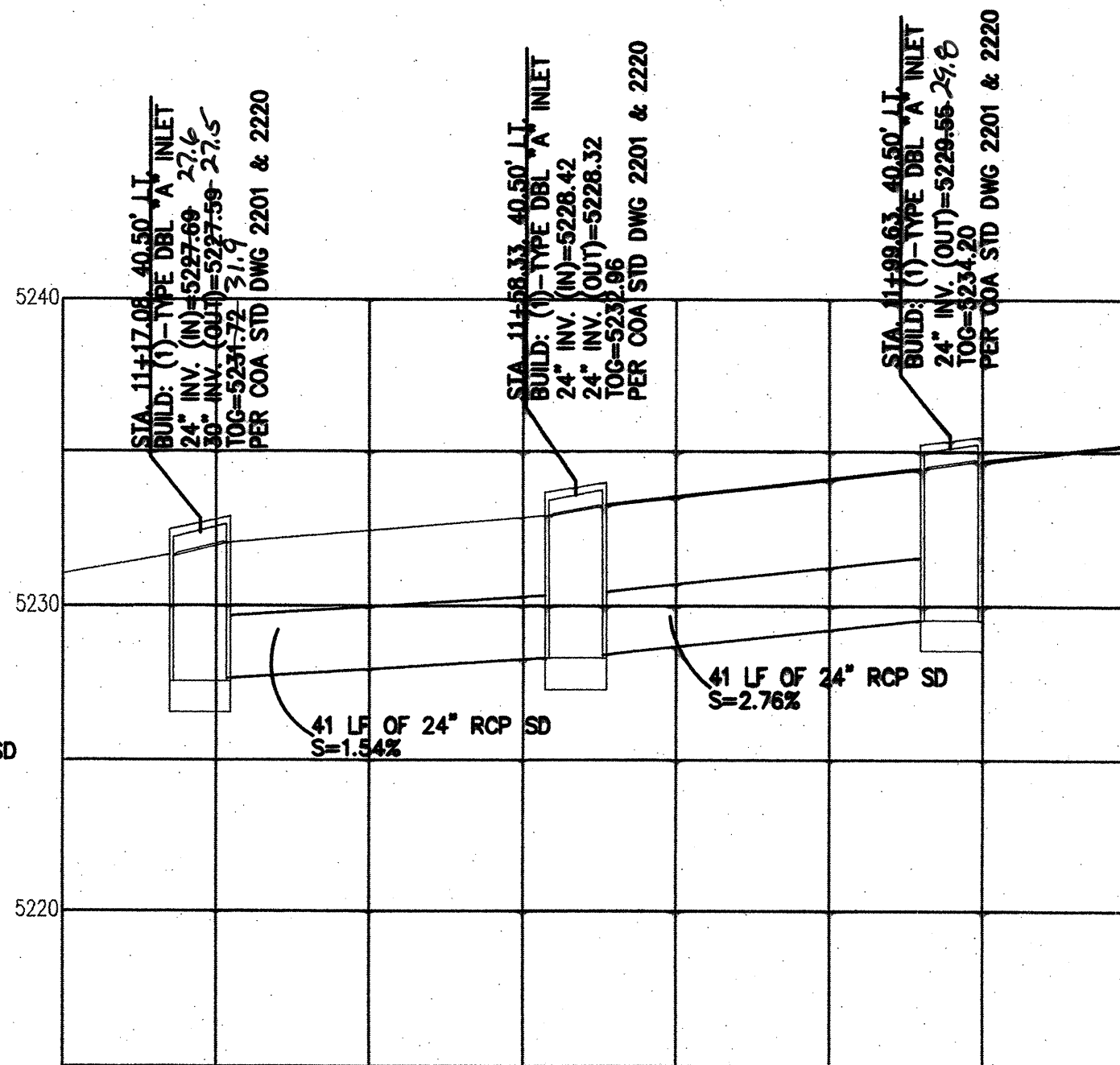


| REVISIONS |         | BY      |      |
|-----------|---------|---------|------|
| NO.       | DATE    | REMARKS | DATE |
| 1         | 12-2012 | DESIGN  | DATE |
| 2         | 12-2012 | DEM     | DATE |
| 3         | 12-2012 | DBT     | DATE |

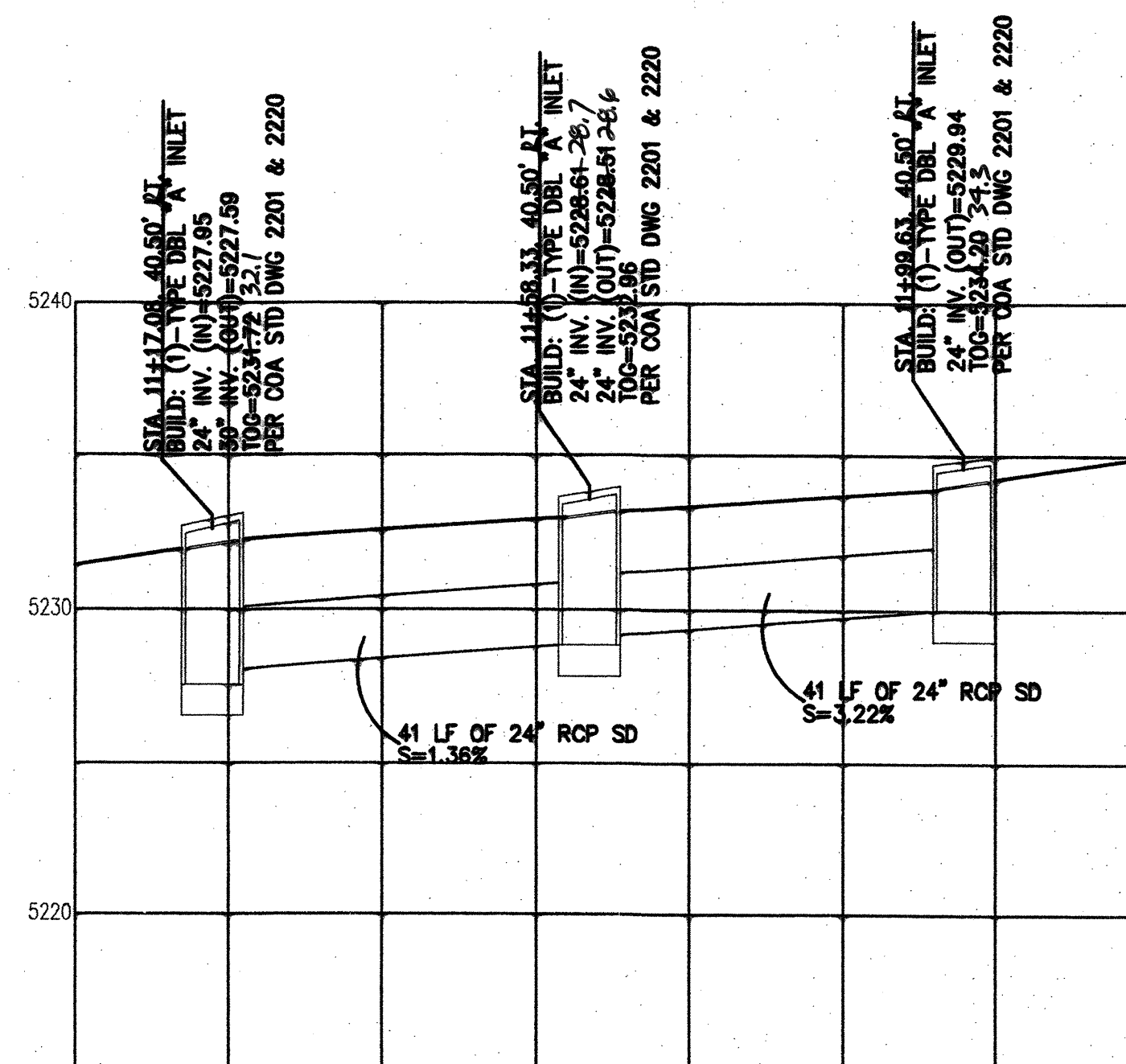




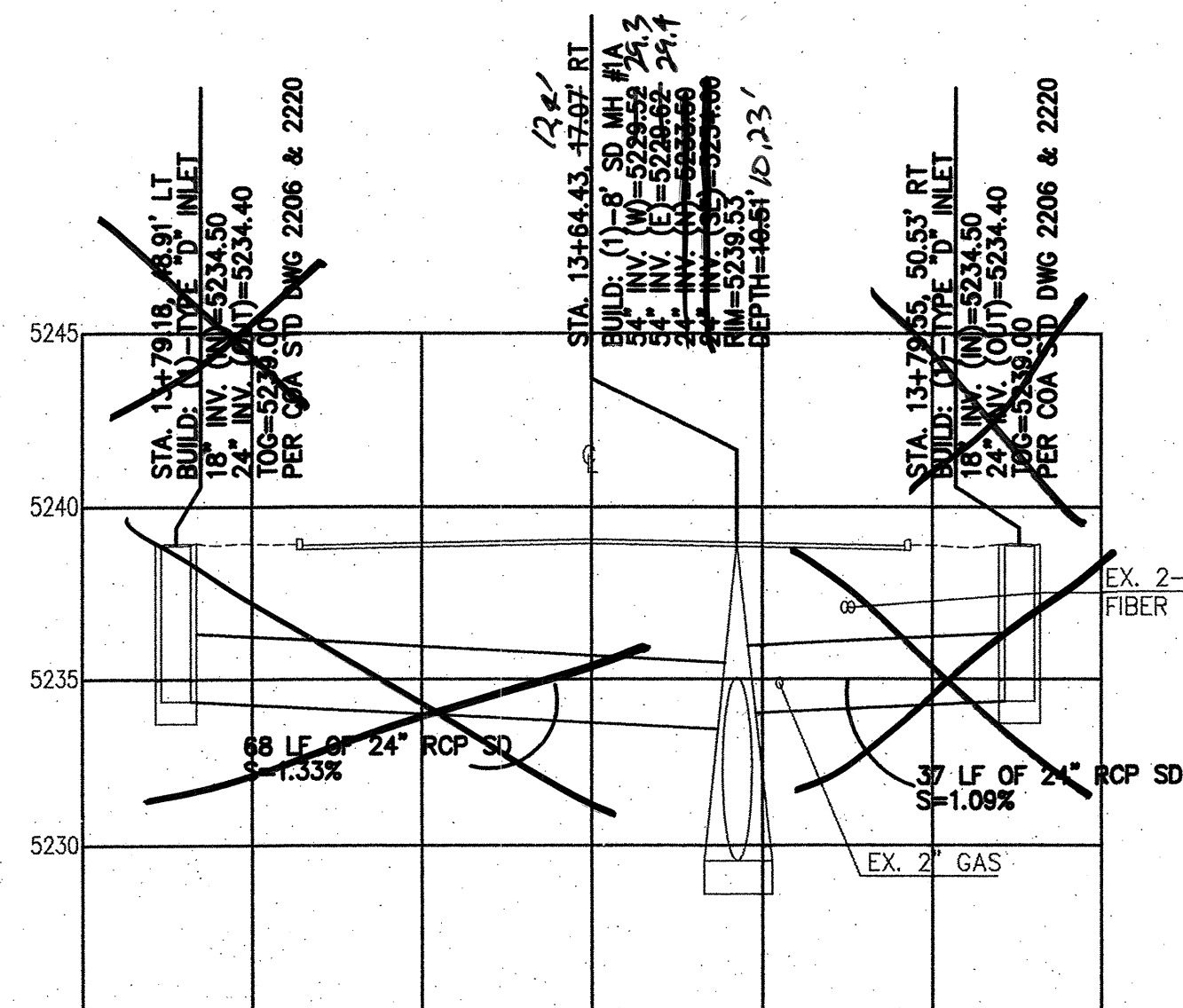
ALAMEDA STORM DRAIN LATERAL  
STA. 11+00.08, 17.07' RT.



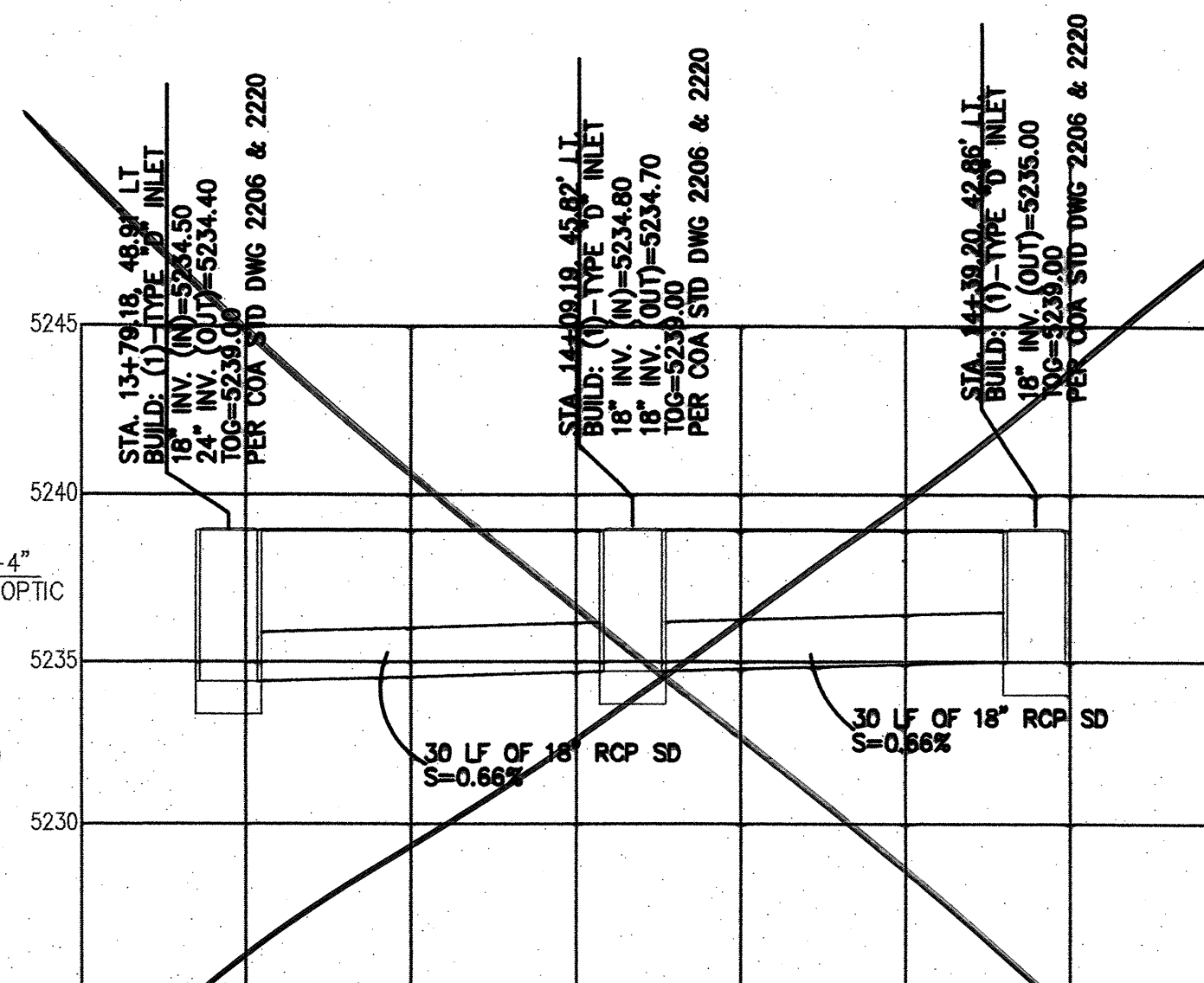
ALAMEDA STORM INLETS  
MANHOLE STA. 11+00.08 LEFT SIDE



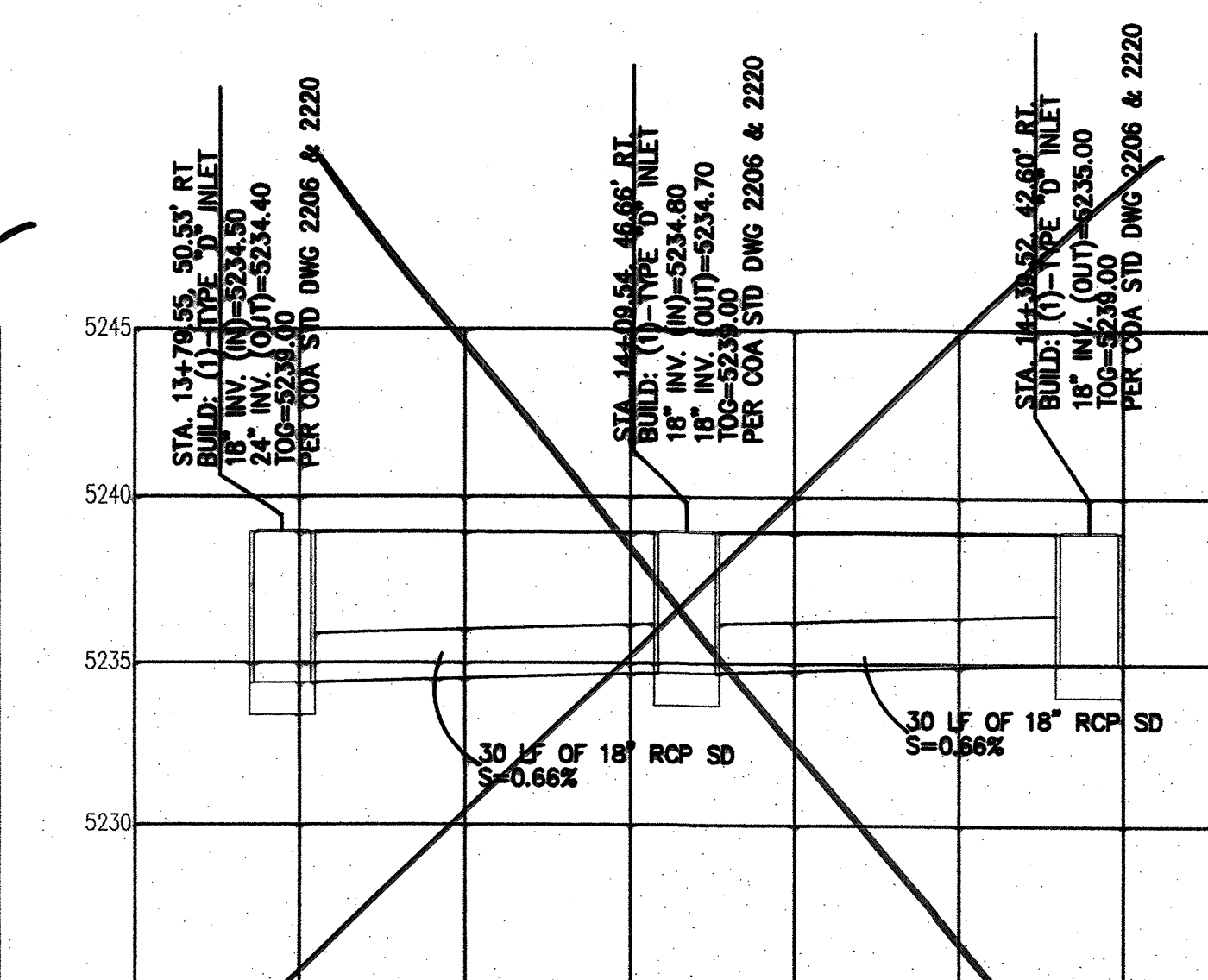
ALAMEDA STORM INLETS  
MANHOLE STA. 11+00.08 RIGHT SIDE



ALAMEDA STORM DRAIN LATERAL  
STA. 13+64.43, 1707' RT



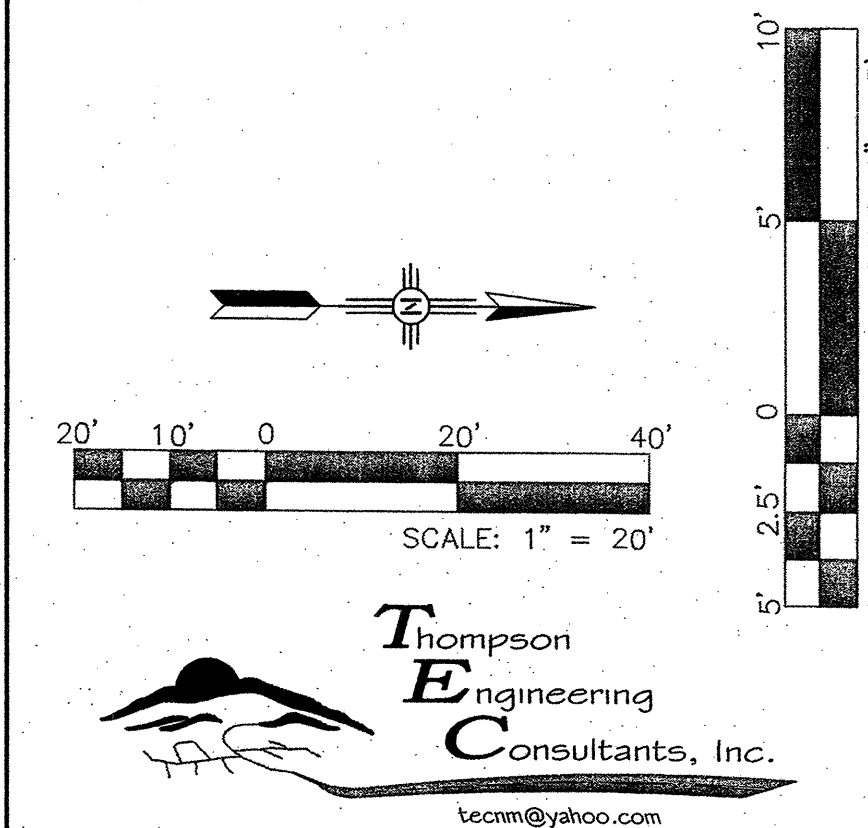
ALAMEDA STORM INLETS  
MANHOLE STA. 13+64.43 LEFT SIDE



ALAMEDA STORM INLETS  
MANHOLE STA. 13+64.43 RIGHT SIDE

NOTE:  
ALL LATERAL STORM DRAINS  
ARE CLASS IV.

\* SEE SHEET 36 FOR  
AS-BUILT INFO



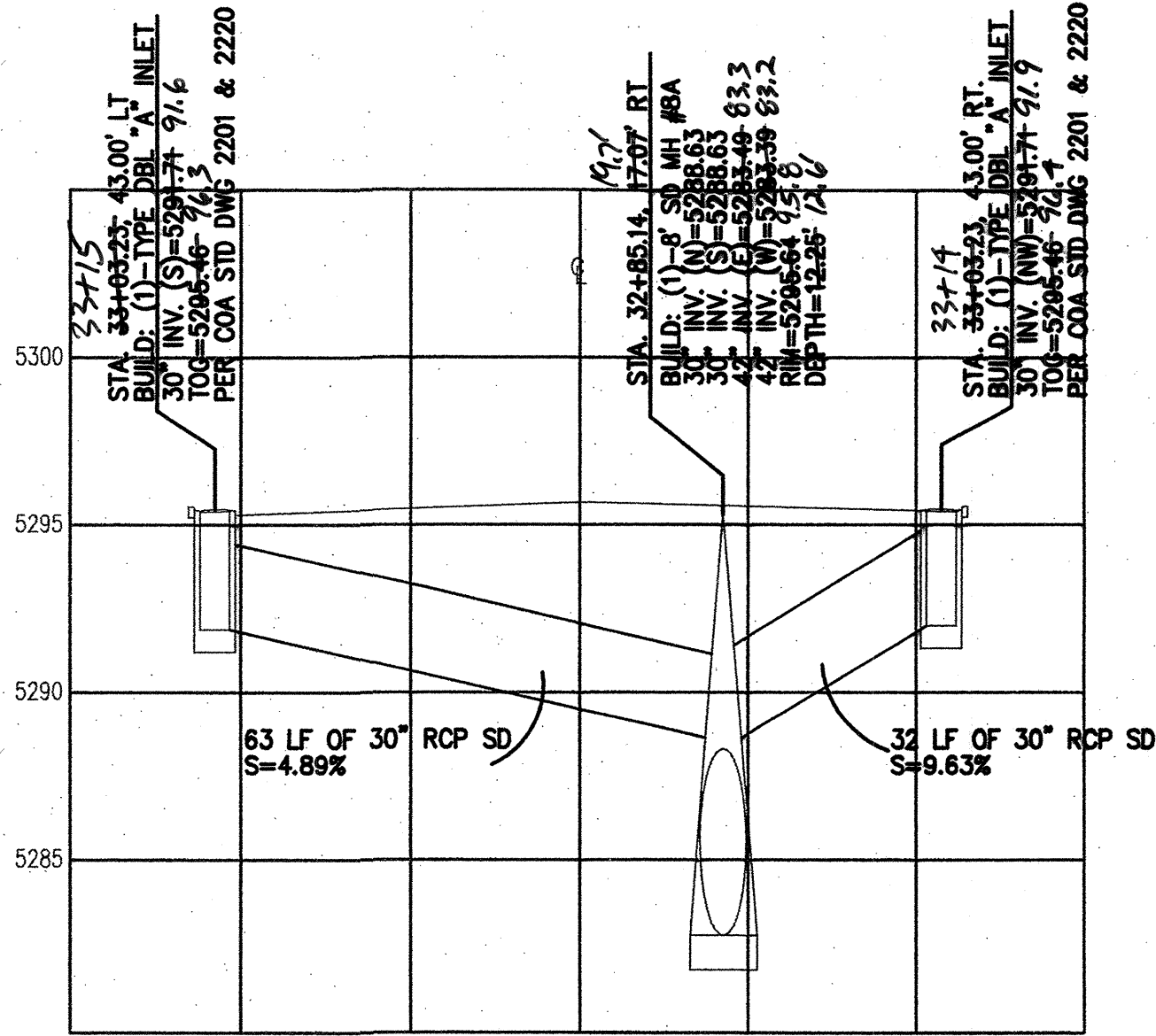
|                                                                                      |                                                                           |                     |                         |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|-------------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION   |                                                                           |                     |                         |
| TITLE: ALAMEDA BLVD. WIDENING<br>LATERALS                                            |                                                                           |                     |                         |
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.     | No. / Day / Yr.         |
| City Project No.<br>7663.91                                                          | Zone Map No.<br>C-18/C-19                                                 | Sequence No.<br>4-8 | Sheet<br>42<br>Of<br>84 |

|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|--|--|--|--|--|--|--------------------------------------------------------------------------------------|--|------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  | ENGINEERS SEAL                                                                       |  | SURVEY INFORMATION     |  | BENCH MARKS                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | AS BUILT INFORMATION                                                                                                                               |  |
|  |  |  |  |  |  |  |  | FIELD NOTES            |  | Coordinates shown hereon are modified (surface)<br>N.M. State Plane Coordinates — Central Zone,<br>NAD 83 and were derived by scaling State<br>Plane grid coordinates by the project average<br>combined factor of CF = 1.000334961 around<br>an origin of 0.0. Elevations are NAVD 88, and<br>are adjusted to the NGS Control Station "10-C18,<br>1985" (published elevation = 5222.090').<br>The coordinates and elevations are US Survey Feet. |  | CONTRACTOR RMCI, INC.<br>WORK STARTED BY<br>ACCEPTANCE BY<br>FIELD VERIFICATION BY<br>CORRECTED BY<br>MICRO-FILM INFORMATION<br>RECORDED BY<br>NO. |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  | NO. 11599              |  | DATE 11-2010                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | DATE 7-14                                                                                                                                          |  |
|  |  |  |  |  |  |                                                                                      |  | SURVEYING CONTROL INC. |  | COA                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | DATE 7-14                                                                                                                                          |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | Plane grid coordinates by the project average                                                                                                                                                                                                                                                                                                                                                                                                     |  | COA                                                                                                                                                |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | combined factor of CF = 1.000334961 around                                                                                                                                                                                                                                                                                                                                                                                                        |  | DATE 7-14                                                                                                                                          |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | an origin of 0.0. Elevations are NAVD 88, and                                                                                                                                                                                                                                                                                                                                                                                                     |  | DATE 7-14                                                                                                                                          |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | are adjusted to the NGS Control Station "10-C18,                                                                                                                                                                                                                                                                                                                                                                                                  |  | MICRO-FILM INFORMATION                                                                                                                             |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | 1985" (published elevation = 5222.090').                                                                                                                                                                                                                                                                                                                                                                                                          |  | RECORDED BY                                                                                                                                        |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  | The coordinates and elevations are US Survey Feet.                                                                                                                                                                                                                                                                                                                                                                                                |  | DATE                                                                                                                                               |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | NO.                                                                                                                                                |  |
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|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
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|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
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|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
|  |  |  |  |  |  |                                                                                      |  |                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                    |  |
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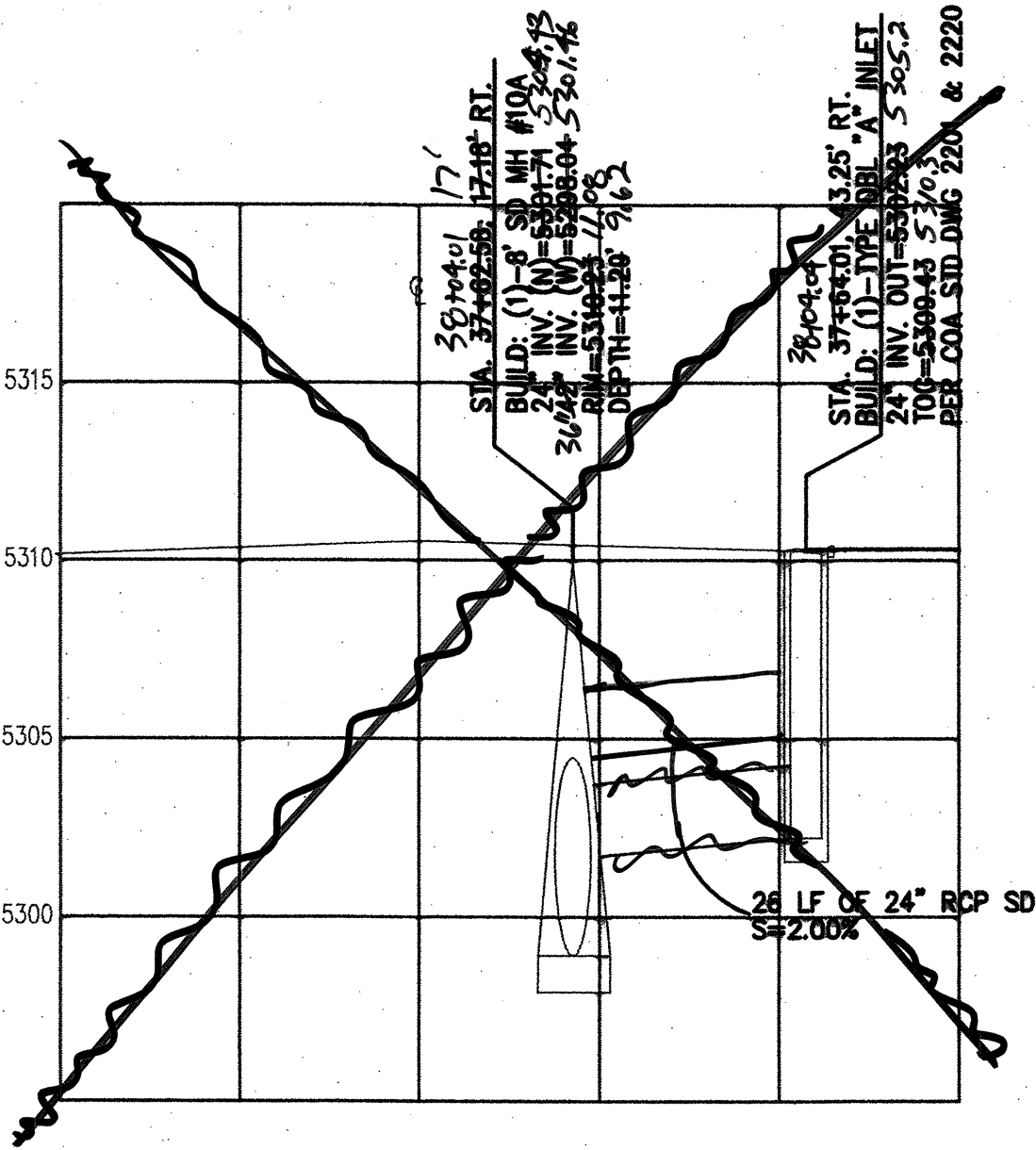


NOTE:  
ALL LATERAL STORM DRAINS  
ARE CLASS IV.

SEE SHEET 37  
FOR AS-BUILT INFORMATION



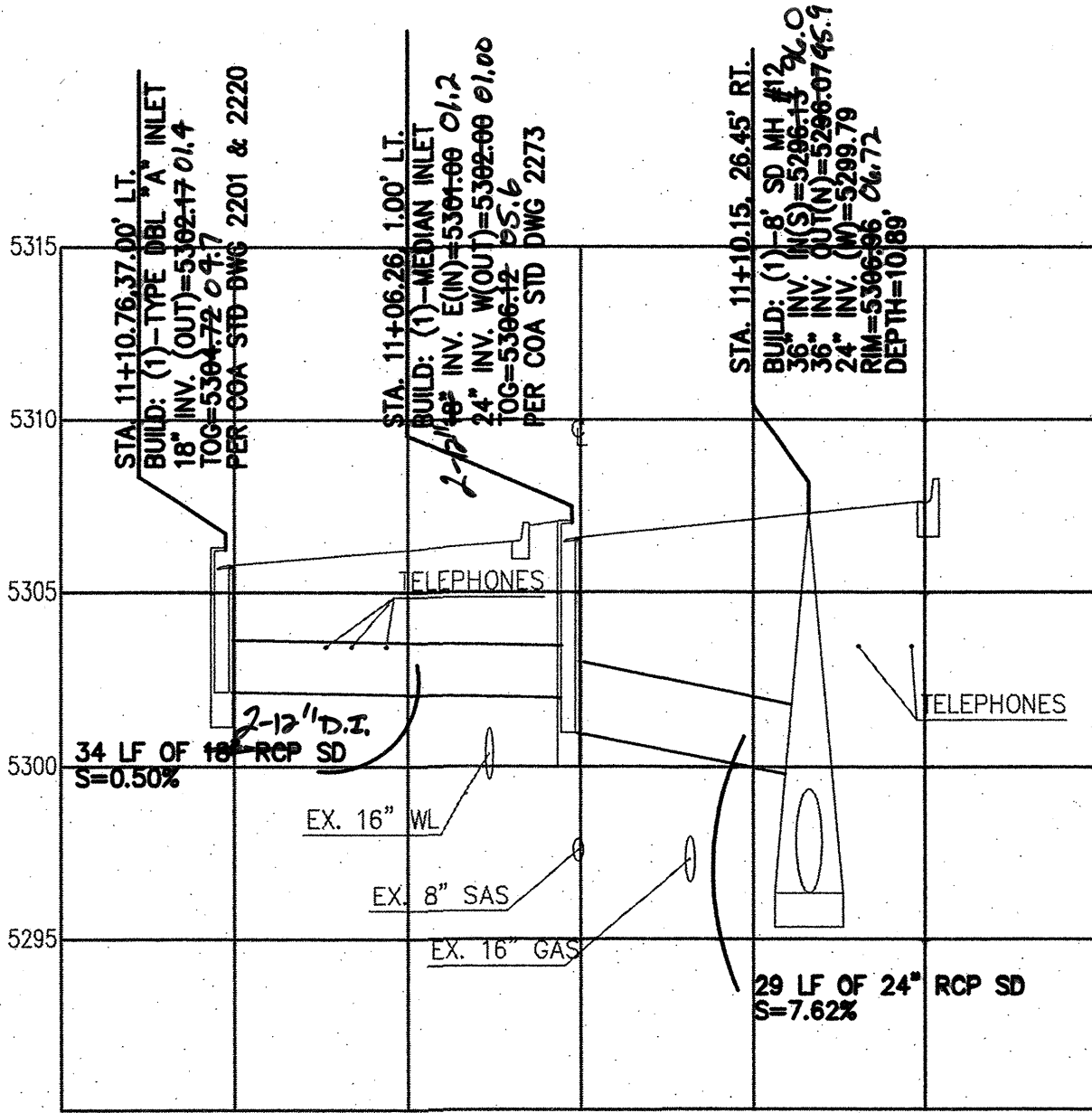
ALAMEDA STORM INLETS  
STA. 32+85.14, 17.07' RT.



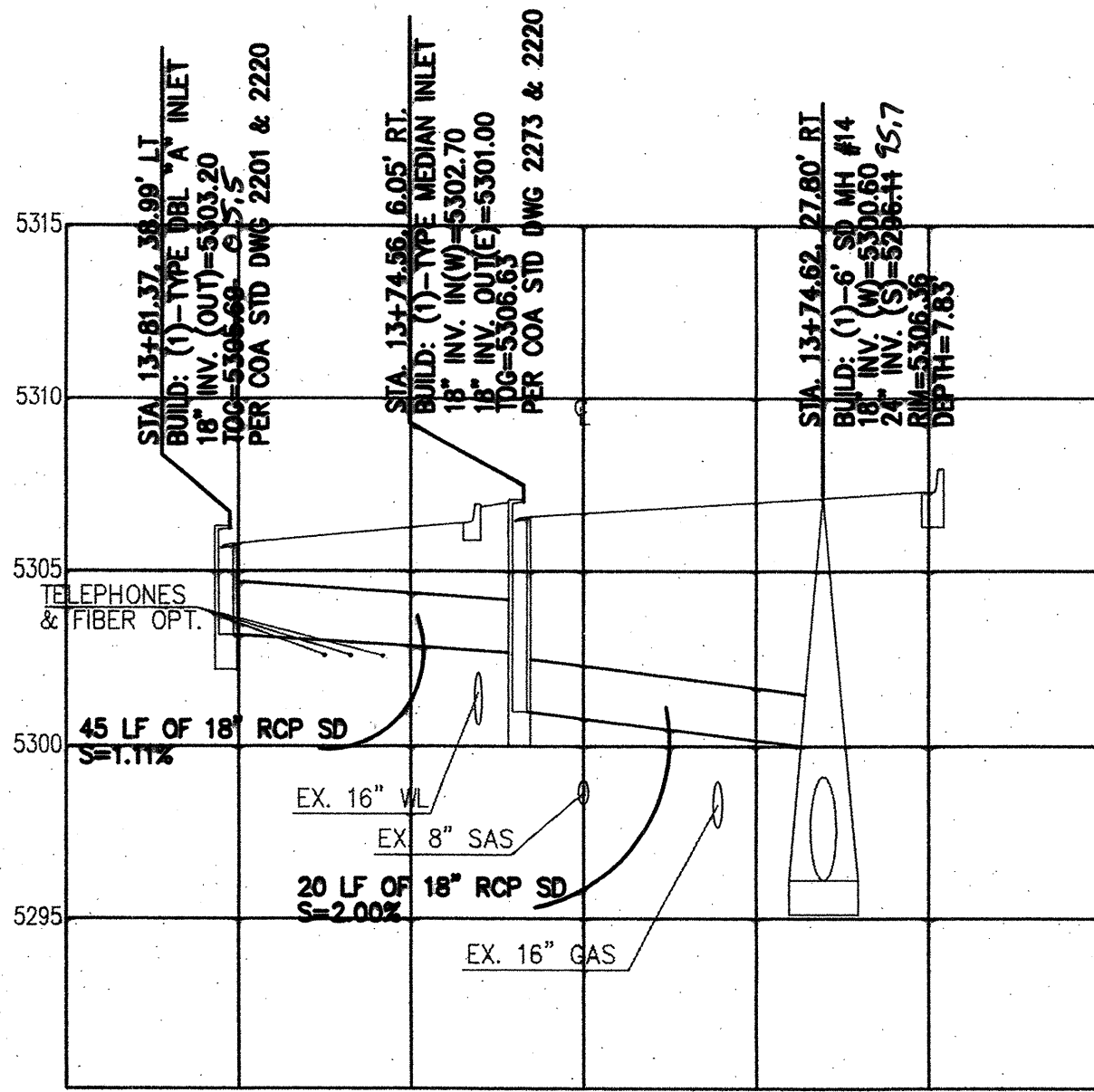
ALAMEDA STORM INLETS  
STA. 37+62.58, 17.07' RT.  
37+69.01

LATERAL CONSTRUCTED  
FROM MODIFIED EXISTING M.H.  
AT STA 38+09.01  
SEE SHEET 10-AA1

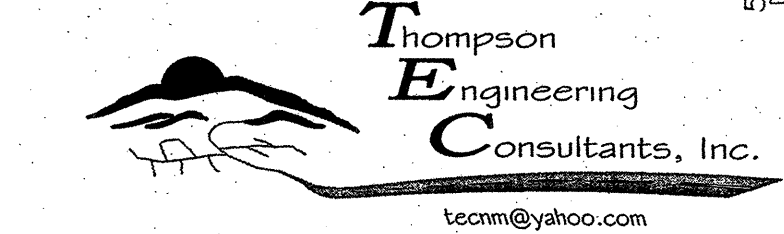
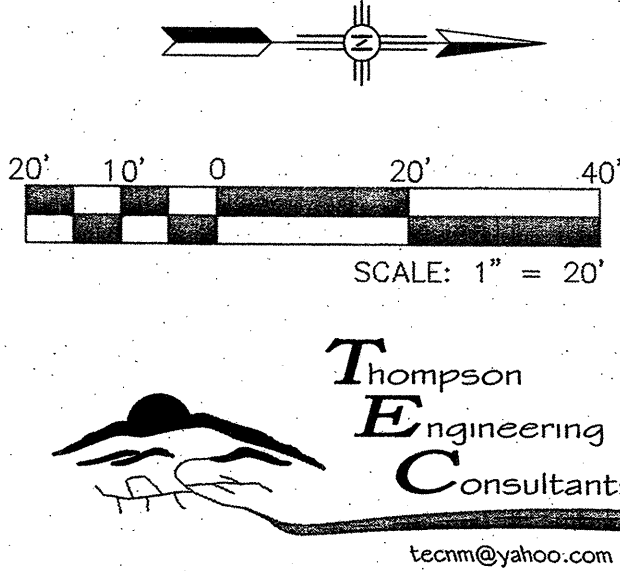
SEE SHEET 40  
FOR AS-BUILT INFORMATION



LOUISIANA STORM DRAIN LATERAL  
STA. 11+10.15, 26.45' RT.



LOUISIANA STORM DRAIN LATERAL  
STA. 13+74.62, 27.80' RT.

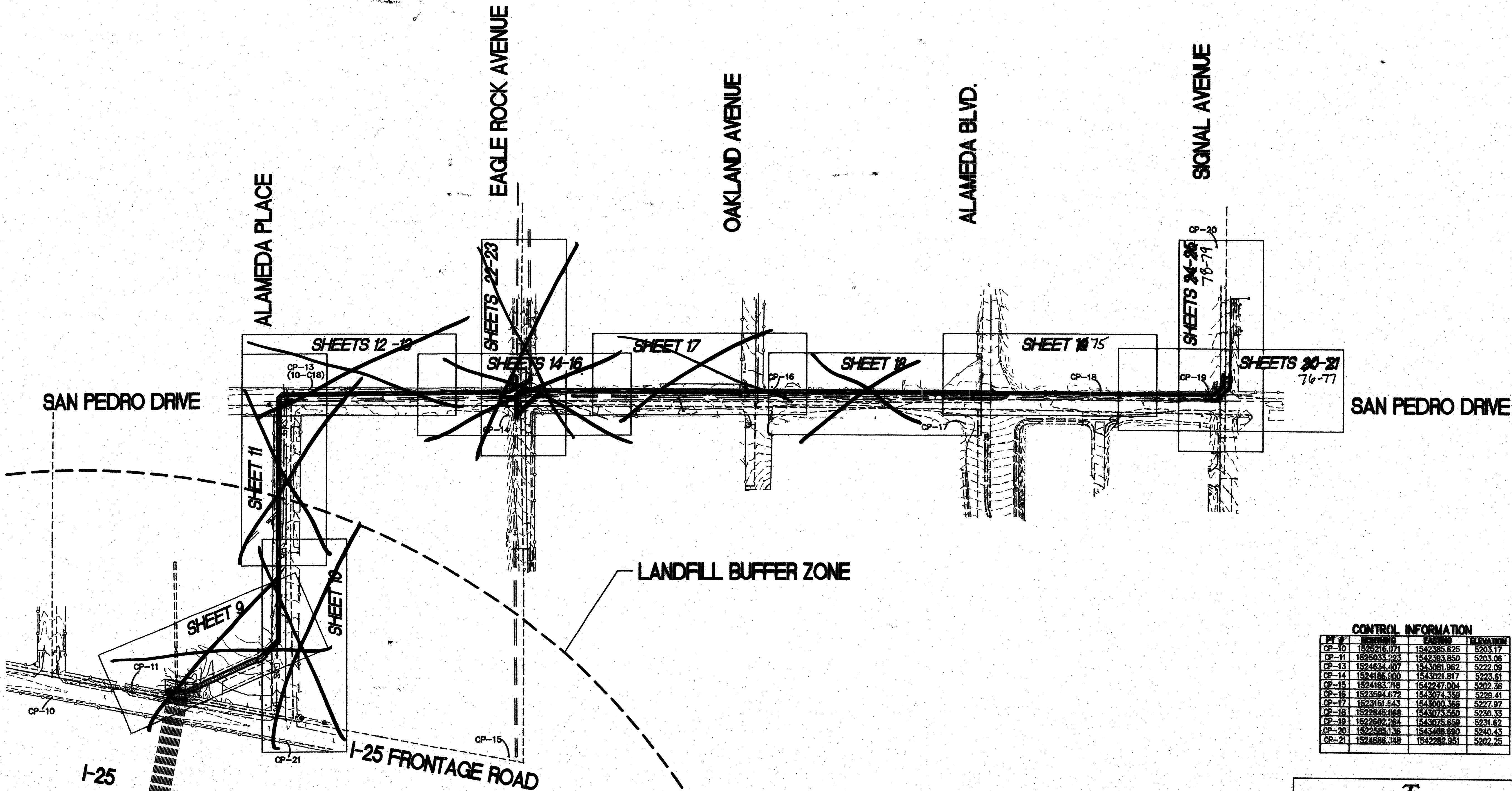


| SURVEY INFORMATION |                        | BENCH MARKS |                            | AS BUILT INFORMATION    |           |
|--------------------|------------------------|-------------|----------------------------|-------------------------|-----------|
| NO.                | BY                     | DATE        | CONTRACTOR                 | RMCL INC.               |           |
| 11599              | SURVEYING CONTROL INC. | 11-2010     | WORK STAKED BY             | CARTESIAN SURVEYS, INC. | DATE 7-14 |
|                    |                        |             | INSPECTOR'S FIELD CHECK BY | COA                     | DATE 7-14 |
|                    |                        |             | VERIFICATION BY            | COA                     | DATE 7-14 |
|                    |                        |             | CORRECTED BY               | ENGINEERING CO.         | DATE 7-14 |
|                    |                        |             | RECORDED BY                | MICRO-FILM INFORMATION  | DATE      |
|                    |                        |             |                            |                         | NO.       |
|                    |                        |             |                            |                         |           |

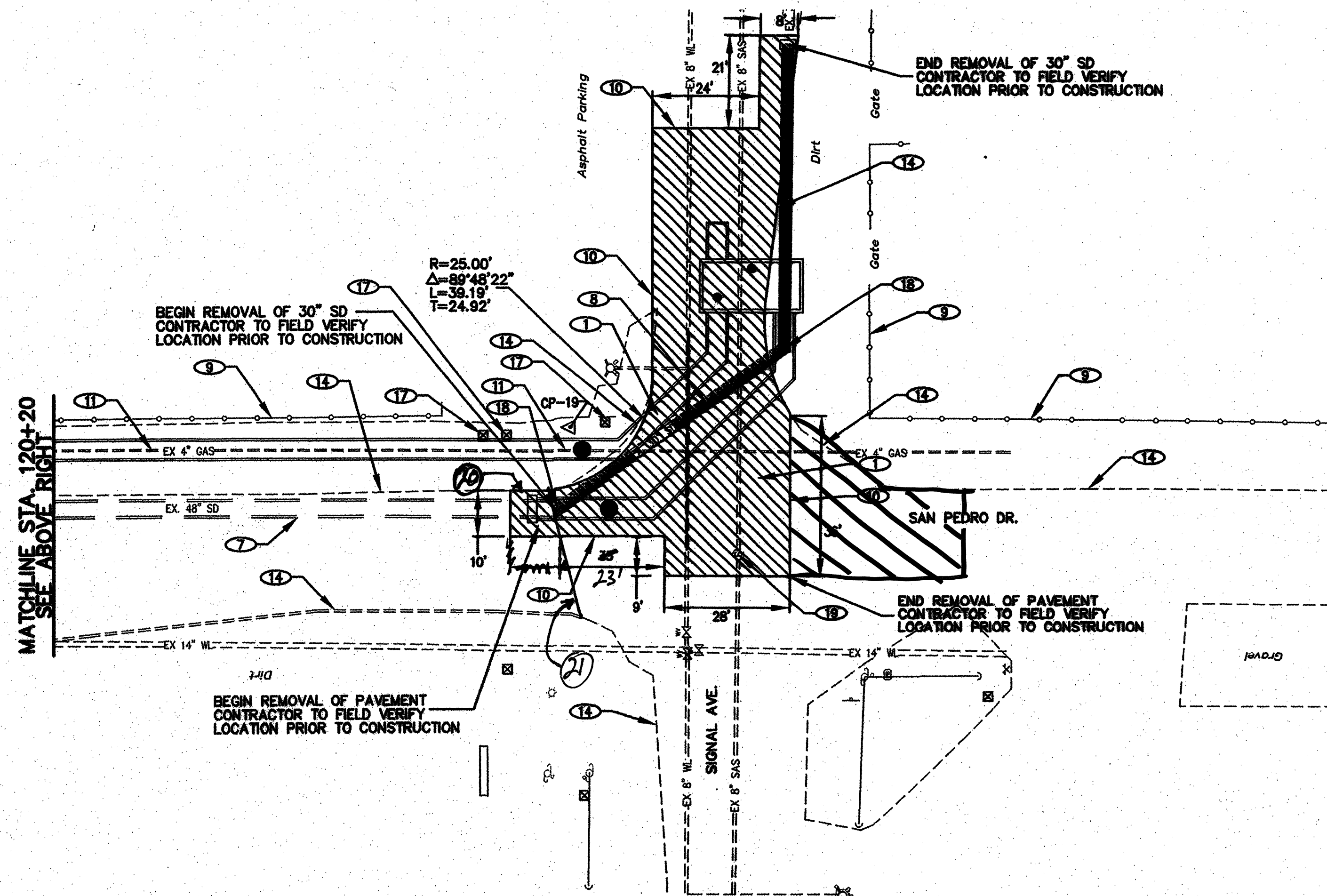
|                                                                                    |                                                                     |                     |                         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|-------------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION |                                                                     |                     |                         |
| TITLE: ALAMEDA BLVD. WIDENING<br>LATERALS                                          |                                                                     |                     |                         |
| Design Review Committee<br>APPROVED<br>JAN 1 1 2013<br>DESIGN REVIEW COMMITTEE     | City Engineer Approval<br>APPROVED<br>JAN 1 1 2013<br>CITY ENGINEER | No. / Day / Yr.     | No. / Day / Yr.         |
| City Project No.<br>7663.91                                                        | Zone Map No.<br>C-18/C-19                                           | Sequence No.<br>4-9 | Sheet<br>43<br>Of<br>84 |



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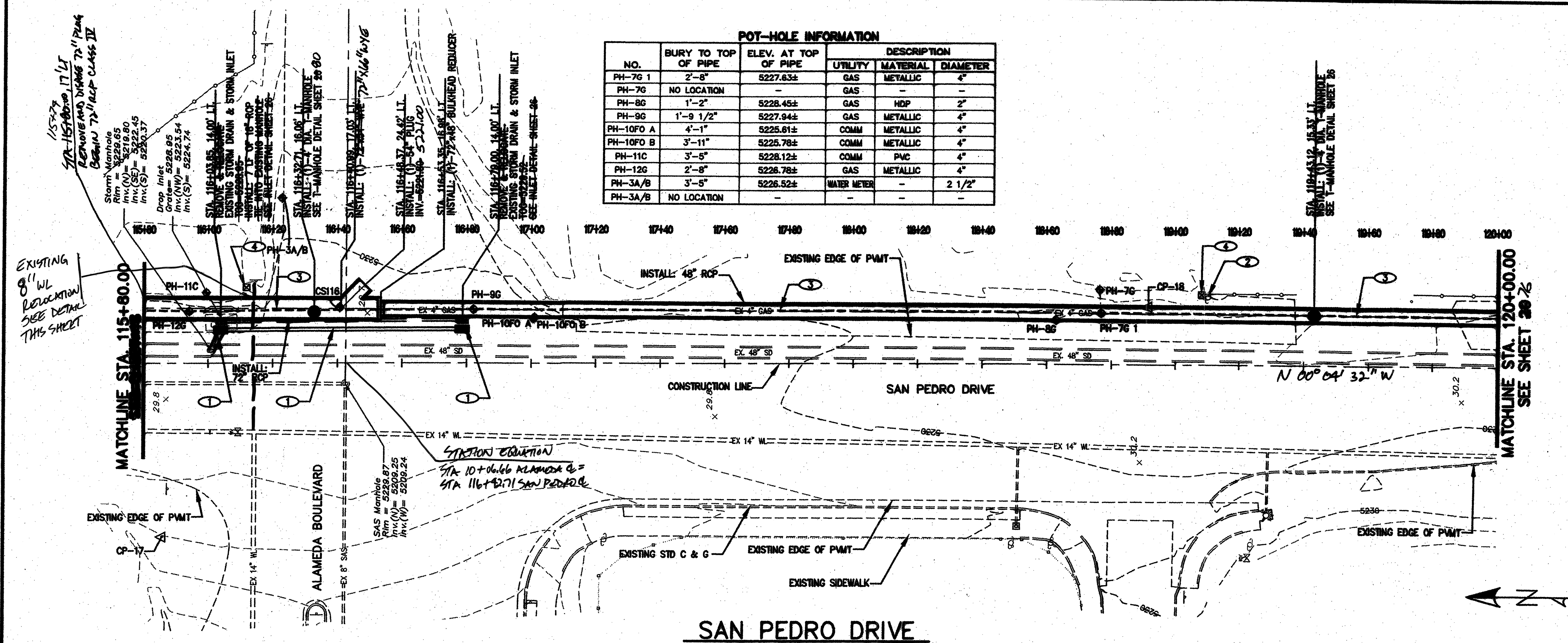




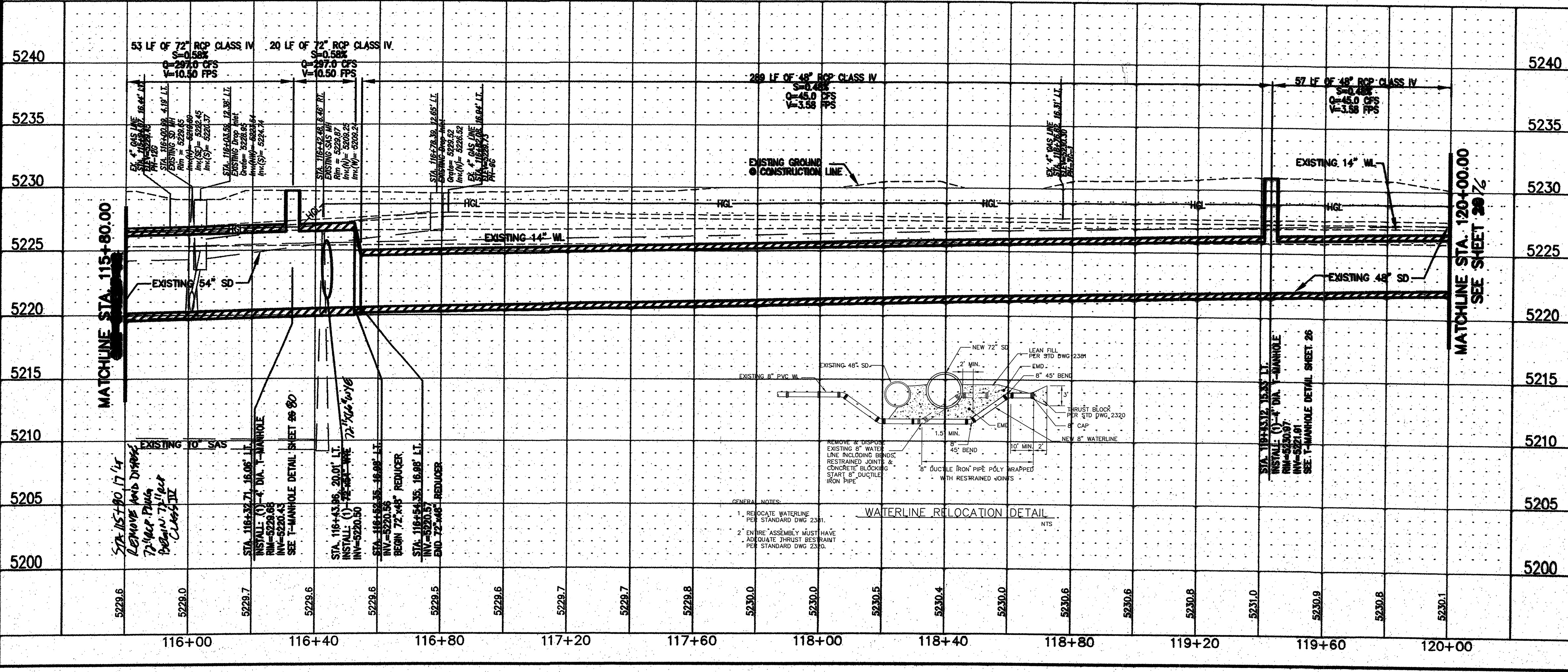
|                  |         |              |        |       |    |    |    |
|------------------|---------|--------------|--------|-------|----|----|----|
| City Project No. | 7663.91 | Zone Map No. | C-18-Z | Sheet | 74 | Of | 84 |
|------------------|---------|--------------|--------|-------|----|----|----|



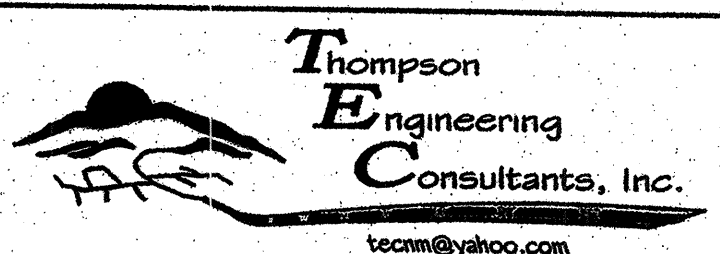
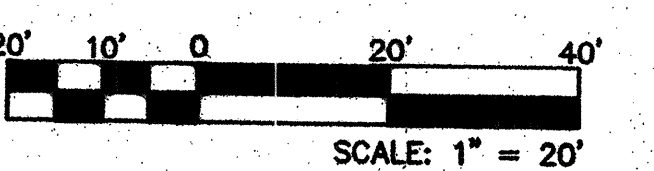
| POT-HOLE INFORMATION |                     |                      |             |          |
|----------------------|---------------------|----------------------|-------------|----------|
| NO.                  | BURY TO TOP OF PIPE | ELEV. AT TOP OF PIPE | DESCRIPTION |          |
|                      |                     |                      | UTILITY     | MATERIAL |
| PH-76 1              | 2'-8"               | 5227.63±             | GAS         | METALLIC |
| PH-76                | NO LOCATION         | -                    | GAS         | -        |
| PH-86                | 1'-2"               | 5228.45±             | GAS         | HDP      |
| PH-96                | 1'-9 1/2"           | 5227.94±             | GAS         | METALLIC |
| PH-10FO A            | 4'-1"               | 5225.61±             | COMM        | METALLIC |
| PH-10FO B            | 3'-11"              | 5225.76±             | COMM        | METALLIC |
| PH-11C               | 3'-5"               | 5228.12±             | COMM        | PVC      |
| PH-126               | 2'-8"               | 5226.78±             | GAS         | METALLIC |
| PH-3A/B              | 3'-5"               | 5226.52±             | WATER METER | -        |
| PH-3A/B              | NO LOCATION         | -                    | -           | -        |



- KEYED NOTES:**
- 1 REMOVE, DISPOSE AND REPLACE TYPE OF STORM INLET AND 18" CONNECTOR PIPE. CONNECT WITH EXISTING 18" MANHOLE. SEE DETAIL SHEET 26.
  - 2 EXISTING POWER POLE TO BE REMOVED AND RELOCATED (BY OTHERS)
  - 3 EXISTING GAS LINE TO BE REMOVED & RELOCATED (BY OTHERS)
  - 4 EXISTING PEDESTAL TO BE REMOVED & RELOCATED (BY OTHERS)



| CONSTRUCTION SURVEY POINTS |             |             |
|----------------------------|-------------|-------------|
| POINT                      | MARKING     | COORDINATES |
| CS116                      | 1523096.508 | 1543071.954 |



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

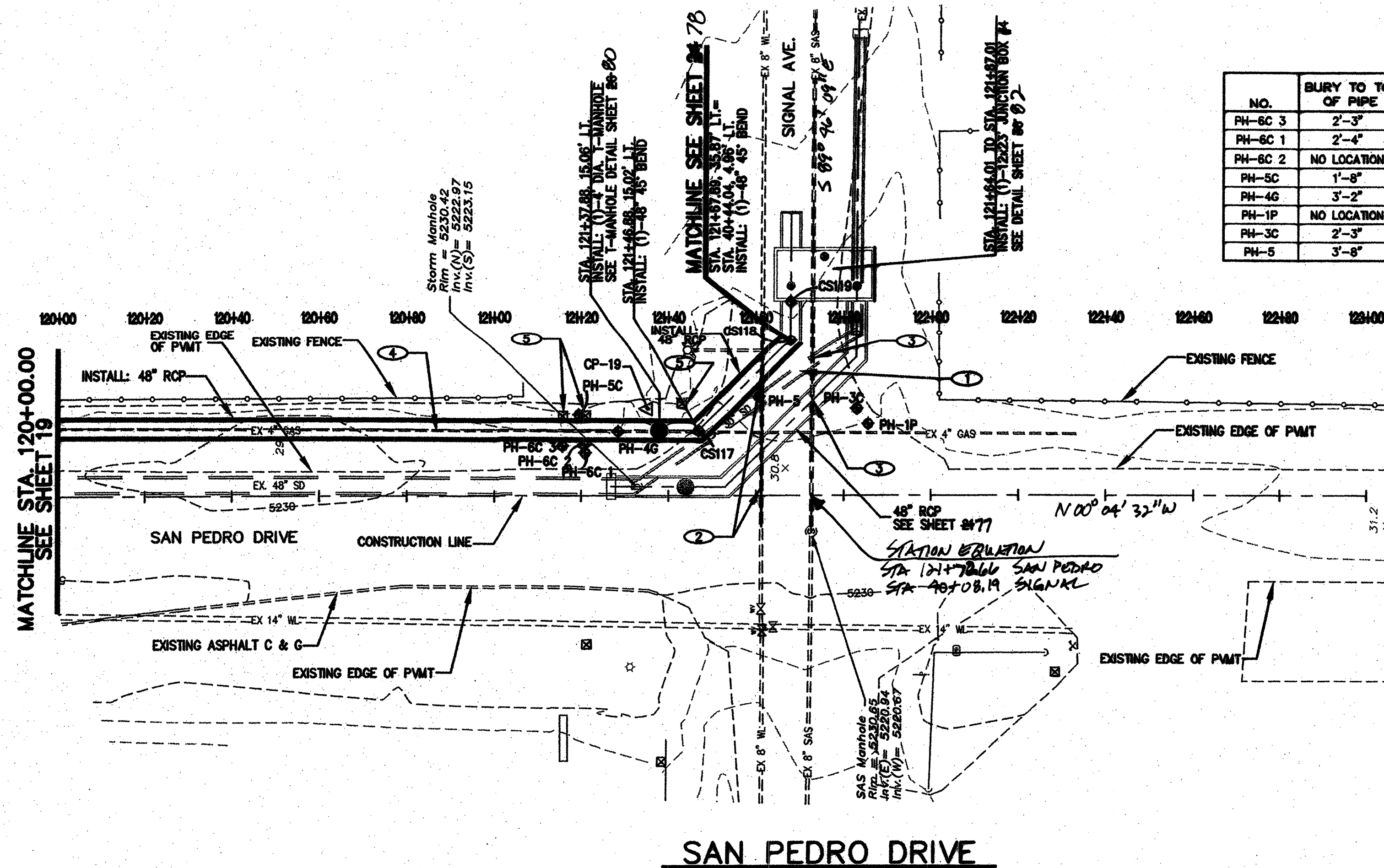
**TITLE:** SAN PEDRO STORM DRAIN  
SAN PEDRO DR. PLAN & PROFILE  
STA. 115+80 TO STA. 120+00

|                          |                         |                 |
|--------------------------|-------------------------|-----------------|
| Design Review Committee  | City Engineer Approval  | No. / Day / Yr. |
| APPROVED<br>MAR 11 2010  | APPROVED<br>MAR 11 2010 |                 |
| City Project No. 7663.91 | Zone Map No. C-18-Z     | Sheet 75 of 84  |

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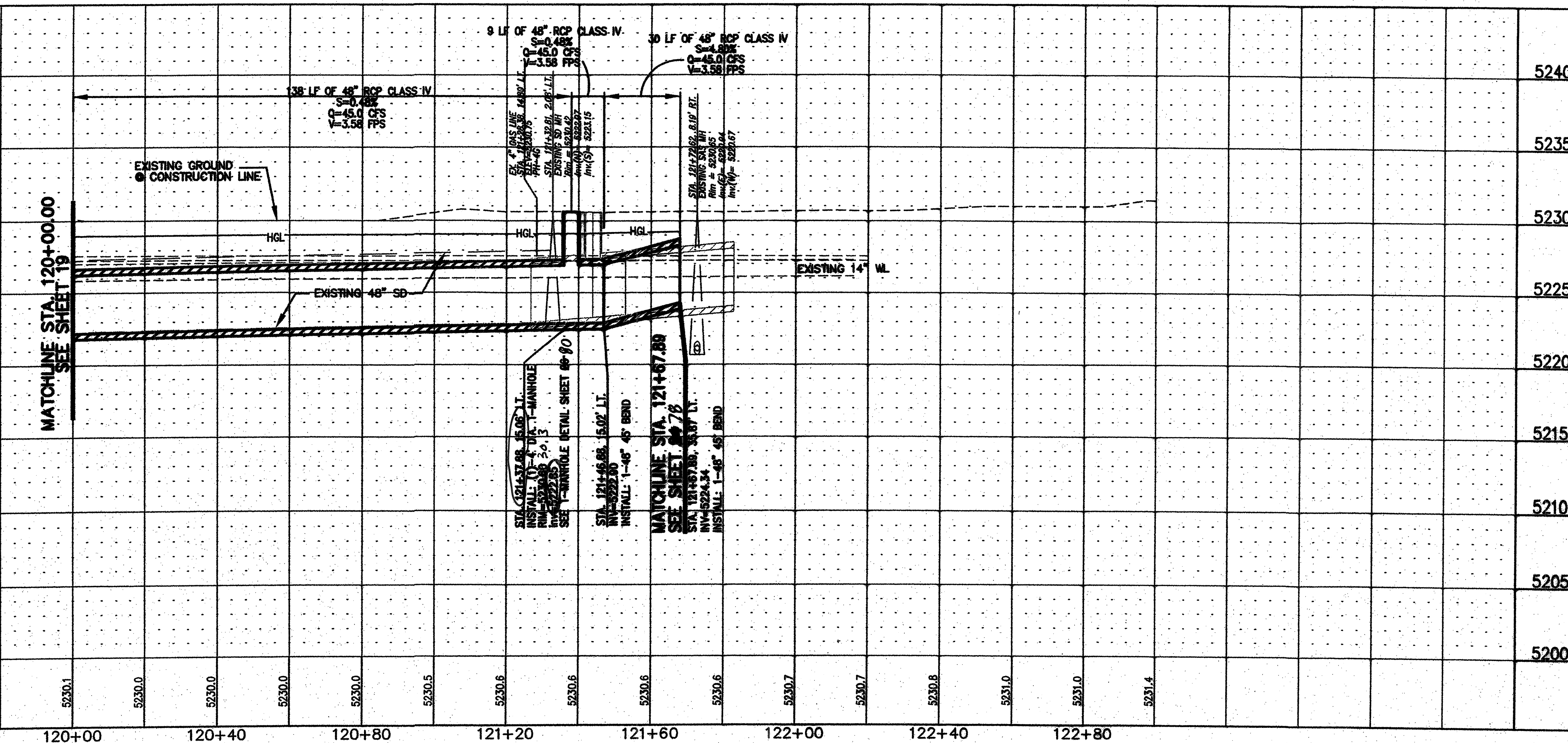


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| POT-HOLE INFORMATION |                     |                      |         |          |          |
|----------------------|---------------------|----------------------|---------|----------|----------|
| NO.                  | BURY TO TOP OF PIPE | ELEV. AT TOP OF PIPE | UTILITY | MATERIAL | DIAMETER |
| PH-BC 3              | 2'-3"               | 5228.30±             | COMM    | CABLE    | -        |
| PH-BC 1              | 2'-4"               | 5228.02±             | COMM    | CABLE    | -        |
| PH-BC 2              | NO LOCATION         | -                    | -       | -        | -        |
| PH-SC                | 1'-8"               | 5230.32±             | COMM    | CABLE    | -        |
| PH-4G                | 3'-2"               | 5227.58±             | GAS     | METALLIC | 4"       |
| PH-1P                | NO LOCATION         | -                    | -       | -        | -        |
| PH-3C                | 2'-3"               | 5229.02±             | UNKNOWN | PVC      | 4"       |
| PH-5                 | 3'-8"               | 5227.68              | WATER   | PVC      | 8"       |

SAN PEDRO DRIVE



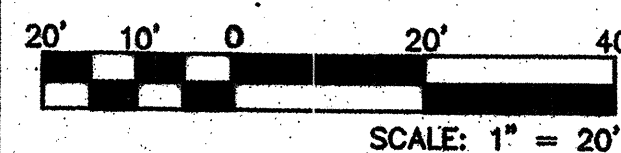
KEYED NOTES:

- 1 REMOVE AND DISPOSE 87 LF EXISTING 30" RCP STORM DRAIN
- 2 REMOVE AND RELOCATE EXISTING 8" WATERLINE VERTICALLY SEE DETAIL SHEET 81
- 3 REMOVE AND RELOCATE EXISTING 8" GAS LINE VERTICALLY SEE DETAIL SHEET 81
- 4 EXISTING GAS LINE TO BE REMOVED & RELOCATED (BY OTHERS)
- 5 EXISTING PEDESTAL TO BE REMOVED & RELOCATED (BY OTHERS)

Certification  
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CONSTRUCTION SURVEY POINTS

| POINT | NORTHING    | EASTING     |
|-------|-------------|-------------|
| CS117 | 1522580.612 | 1543070.615 |
| CS118 | 1522589.625 | 1543091.491 |
| CS119 | 1522589.6   | 1543100.995 |



P.O. BOX 65760  
ALBUQUERQUE, NM 87193  
PHONE: (505) 271-2199  
FAX: (505) 630-9246

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

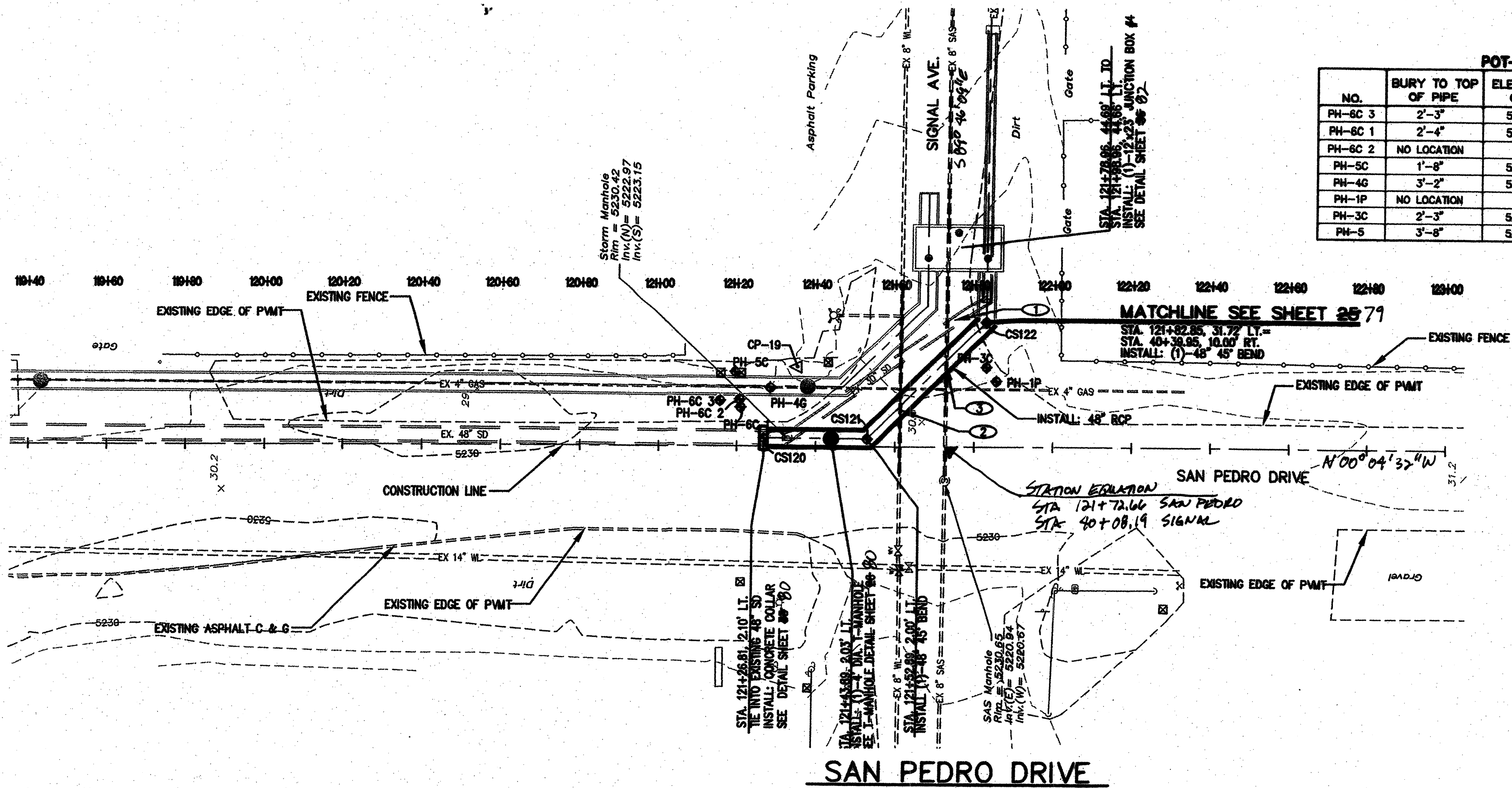
TITLE: **SAN PEDRO STORM DRAIN  
SAN PEDRO DR. PLAN & PROFILE  
STA. 120+00 TO 121+82.86**

|                                                                                      |                                                                           |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Design Review Committee<br><b>APPROVED</b><br>MAR 11 2010<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>MAR 11 2010<br>CITY ENGINEER |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

City Project No. **7663,91** Zone Map No. **C-18-Z** Sheet **76** of **84**

| AS BUILT INFORMATION |                         | BENCH MARKS                           |               | SURVEY INFORMATION |      | ENGINEERS SEAL |      |
|----------------------|-------------------------|---------------------------------------|---------------|--------------------|------|----------------|------|
| CONTRACTOR           | RWCI, INC.              | STATION STAMPED                       | (10-C18 1985) | FIELD NOTES        | NO.  | REMARKS        | BY   |
| WORKED BY            | CARTESIAN SURVEYS, INC. | CITY OF ALBUQUERQUE SURVEY            | 3 1/4"        | DATE               | DATE | REVISIONS      | DATE |
| INSPECTED BY         | COA                     | ALUMINUM DISK RIVETED TO PIPE LOCATED |               |                    |      | DESIGN         | DATE |
| ACCEPTANCE BY        | COA                     | BETWEEN ALAMEDA PL. & EAGLE ROCK RD   |               |                    |      |                | DATE |
| VERIFICATION BY      | COA                     | ON SAN PEDRO BLVD. EAST SIDE OF ROAD  |               |                    |      |                | DATE |
| DRAWINGS             | SMITH                   | X=1,524,123.885 Y=1,542,565.263       |               |                    |      |                | DATE |
| CHECKED BY           | ENGINEERING CO.         | G-C=0.999665042                       |               |                    |      |                | DATE |
| RECORDED BY          |                         | Δ X=0" 11' 19.43"                     |               |                    |      |                | DATE |
| NO.                  |                         | ELEVATION=5222.09                     | (NAVD 1988)   |                    |      |                |      |





| NO.     | BURY TO TOP OF PIPE | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|---------|---------------------|----------------------|-------------|----------|----------|
|         |                     |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-8C 3 | 2'-3"               | 5228.30±             | COMM        | CABLE    | —        |
| PH-8C 1 | 2'-4"               | 5228.02±             | COMM        | CABLE    | —        |
| PH-8C 2 | NO LOCATION         | —                    | —           | —        | —        |
| PH-5C   | 1'-8"               | 5230.32±             | COMM        | CABLE    | —        |
| PH-4G   | 3'-2"               | 5227.58±             | GAS         | METALLIC | 4"       |
| PH-1P   | NO LOCATION         | —                    | —           | —        | —        |
| PH-3C   | 2'-3"               | 5229.02±             | UNKNOWN     | PVC      | 4"       |
| PH-5    | 3'-8"               | 5227.68±             | WATER       | PVC      | 8"       |

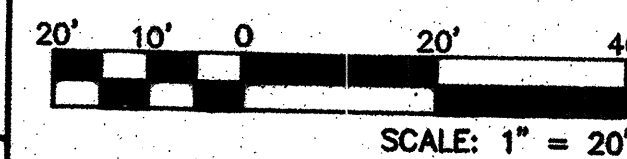
KEYED NOTES:

- ① REMOVE AND DISPOSE 87 LF EXISTING 30" RCP STORM DRAIN
- ② REMOVE AND RELOCATE EXISTING 8" WATERLINE VERTICALLY SEE DETAIL SHEET ~~88~~ 81
- ③ REMOVE AND RELOCATE EXISTING 8" GAS LINE VERTICALLY SEE DETAIL SHEET ~~88~~ 81

**Certification**  
THE CHANGES SHOWN HEREON ARE BASED UPON A  
FIELD SURVEY CONDUCTED BY ME OR UNDER MY  
SUPERVISION AND REFLECT THE LOCATIONS  
(VERTICALLY AND HORIZONTALLY) TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

B. J. met

| <b>PT #</b>  | <b>Northing</b>    | <b>Easting</b>     |
|--------------|--------------------|--------------------|
| <b>CS120</b> | <b>1522610.669</b> | <b>1543057.668</b> |
| <b>CS121</b> | <b>1522594.583</b> | <b>1543057.599</b> |
| <b>CS122</b> | <b>1522554.68</b>  | <b>1543087.344</b> |



**Thompson**  
**E**ngineering  
**C**onsultants, Inc.  
tecnm@yahoo.com

P.O. BOX 65760  
ALBUQUERQUE, NM 87193

PHONE: (505) 271-2199  
FAX: (505) 830-9248

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **SAN PEDRO STORM DRAIN  
SAN PEDRO DR. PLAN & PROFILE  
48" RCP AT SIGNAL AVENUE**

Design Review Committee  
**APPROVED**  
MAR 11 2010  
DESIGN  
REVIEW COMMITTEE

City Engineer Approval  
**APPROVED**  
MAR 11 2010  
CITY ENGINEER

[illegible]

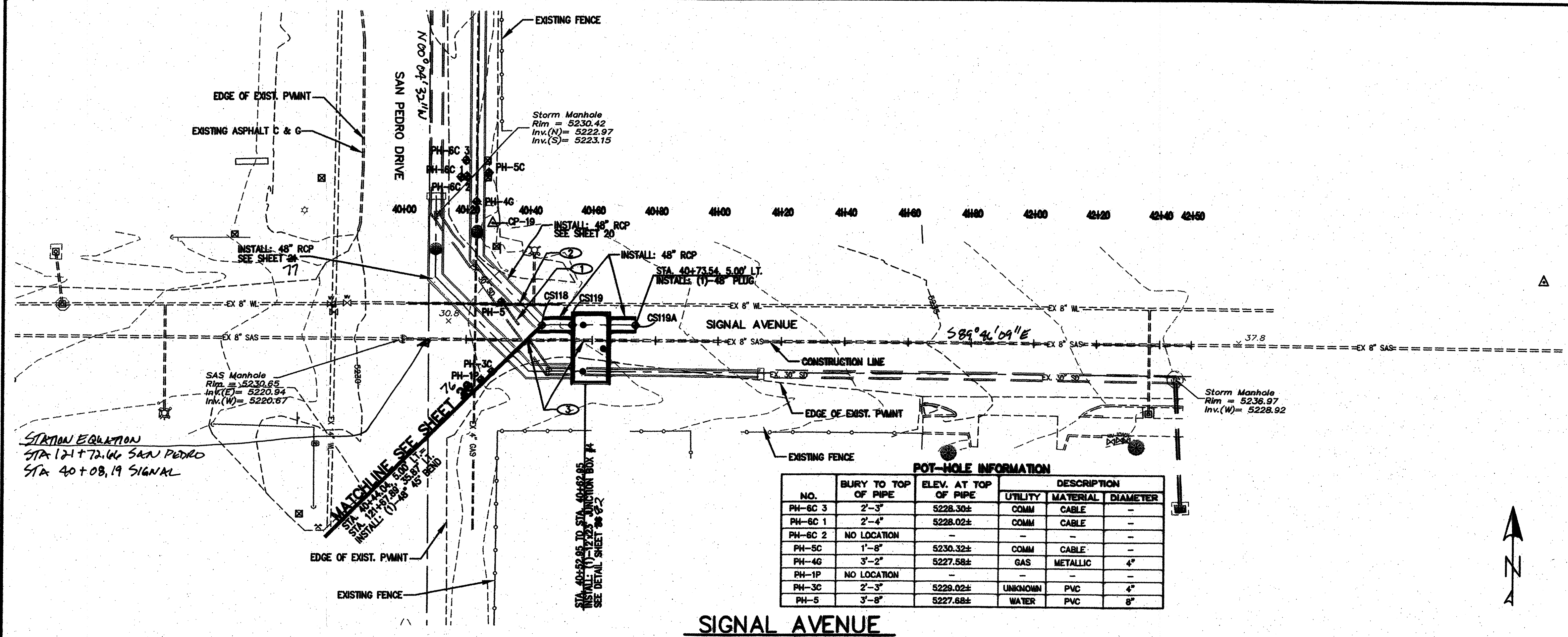
City Project No. : 7663.91

Zone Map No.  
C-18-7

|       |    |    |    |
|-------|----|----|----|
| Sheet | 77 | Of | 84 |
|-------|----|----|----|



D:\projects\CDIA San Pedro Storm Drain\PLANSET-100\24-SIGNAL AVE-01.dwg 2/19/2010 11:32:5 PM WST



POT-HOLE INFORMATION

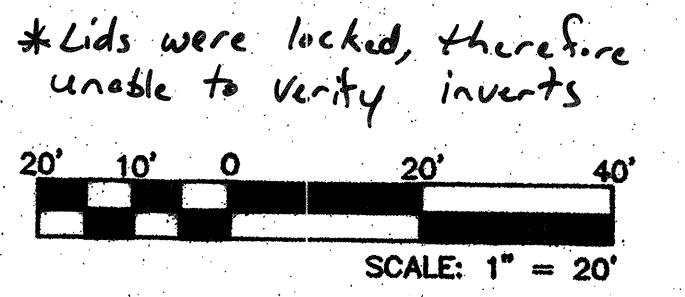
| NO.     | BURY TO TOP OF PIPE | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|---------|---------------------|----------------------|-------------|----------|----------|
|         |                     |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-6C 3 | 2'-3"               | 5228.30±             | COMM        | CABLE    | -        |
| PH-6C 1 | 2'-4"               | 5228.02±             | COMM        | CABLE    | -        |
| PH-6C 2 | NO LOCATION         | -                    | -           | -        | -        |
| PH-5C   | 1'-8"               | 5230.32±             | COMM        | CABLE    | -        |
| PH-4G   | 3'-2"               | 5227.58±             | GAS         | METALLIC | 4"       |
| PH-1P   | NO LOCATION         | -                    | -           | -        | -        |
| PH-3C   | 2'-3"               | 5229.02±             | UNKNOWN     | PVC      | 4"       |
| PH-5    | 3'-8"               | 5227.68±             | WATER       | PVC      | 8"       |

- KEYED NOTES:
- 1 REMOVE AND DISPOSE OF EXISTING 36" RCP STORM DRAIN
  - 2 RELOCATE EXISTING 8" DIA. WATERLINE VERTICALLY SEE DETAIL SHEET 20-81
  - 3 RELOCATE EXISTING 8" SAS LINE VERTICALLY SEE DETAIL SHEET 20-81

Certification  
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CONSTRUCTION SURVEY POINTS

| PT #   | Northing    | Easting     |
|--------|-------------|-------------|
| CS118  | 1522569.625 | 1543091.491 |
| CS119  | 1522569.600 | 1543100.995 |
| CS119A | 1522569.547 | 1543120.995 |



**Thompson Engineering Consultants, Inc.**  
P.O. BOX 65760 ALBUQUERQUE, NM 87193  
PHONE: (505) 271-2199 FAX: (505) 830-9246  
tecmm@yahoo.com

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **SAN PEDRO STORM DRAIN  
SIGNAL AVE. PLAN & PROFILE NORTH 48" RCP**

Design Review Committee: **APPROVED** MAR 11 2010  
City Engineer Approval: **APPROVED** MAR 11 2010

City Project No. **766391** Zone Map No. **C-18-Z** Sheet **78** of **84**

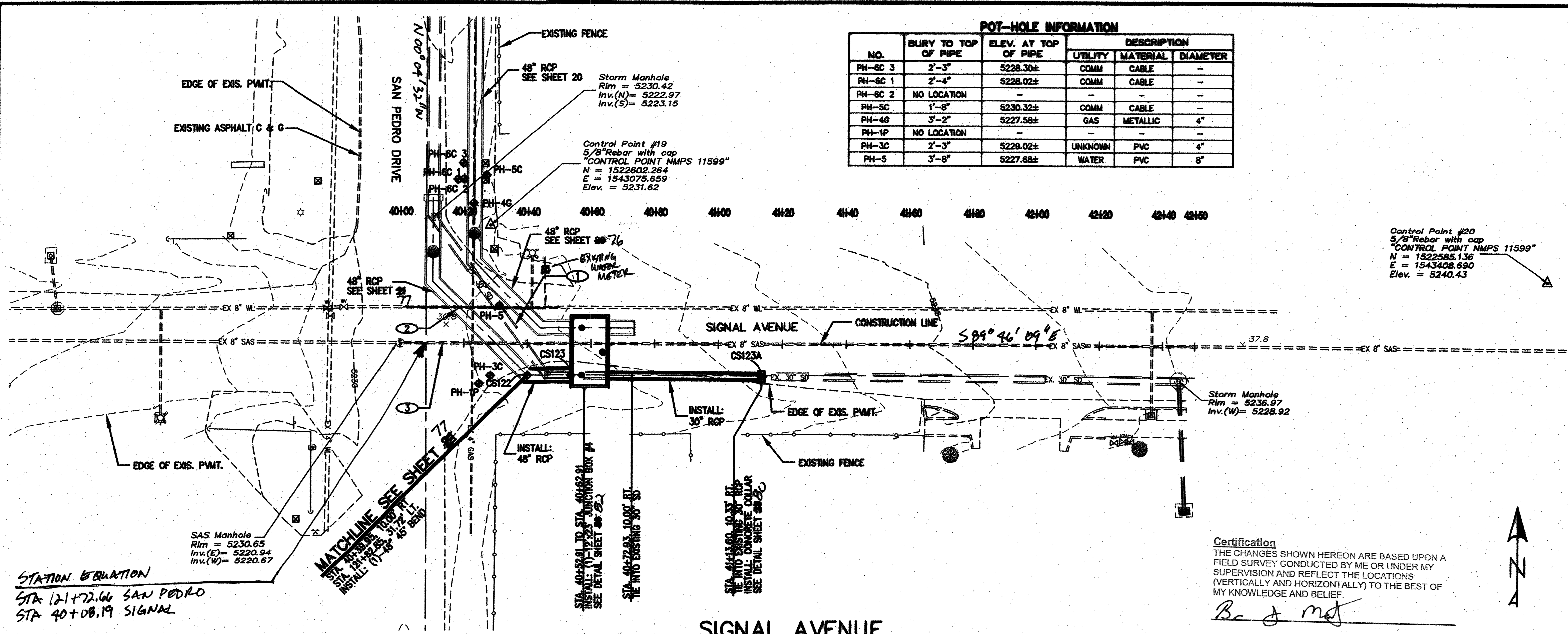
AS BUILT INFORMATION  
CONTRACTOR: RMCI, INC.  
CITY OF ALBUQUERQUE SURVEY 3 1/4"  
STATION STAMPED (10-C18 1985)  
WORK STARTED BY: CARLESON SURVEYS, INC.  
DATE: 7-14  
FIELD BY: CARLESON SURVEYS, INC.  
DATE: 7-14  
CHECKED BY: CARLESON SURVEYS, INC.  
DATE: 7-14  
RECORDED BY: CARLESON SURVEYS, INC.  
DATE: 7-14  
NO.:

ENGINEERS SEAL  
[Seal of Thompson Engineering Consultants, Inc.]

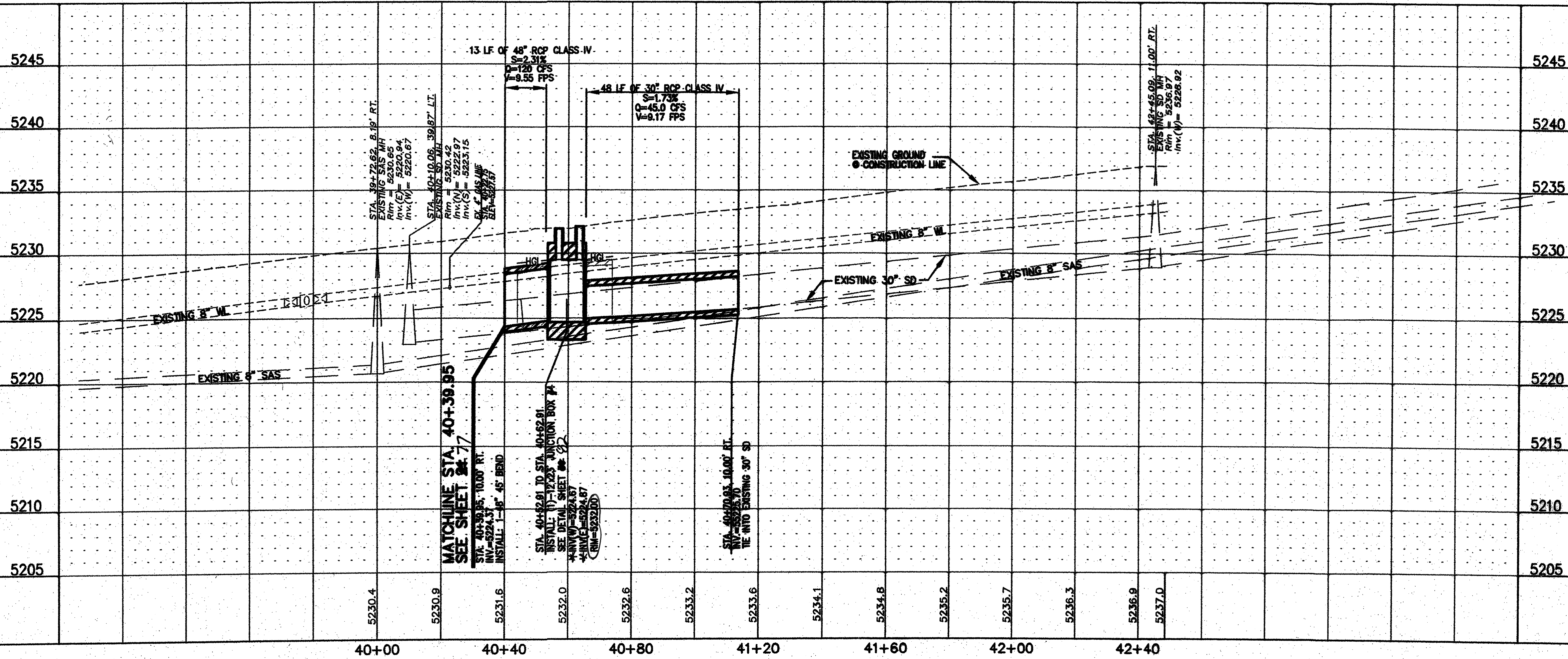
REVISIONS  
NO. DATE BY  
1 3-10 DESIGN  
2 3-10 D.E.M.  
3 3-10 D.B.T.



G:\projects\CDIA San Pedro Storm Drain\PLANSET-100\25-SIGNAL AVE-02.dwg 2/19/2010 11:42:3 PM MST



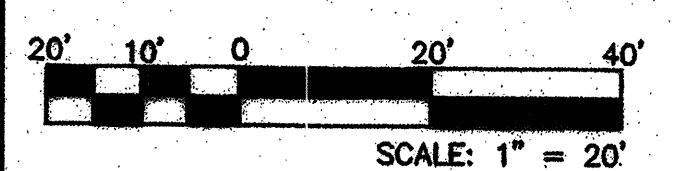
- KEYED NOTES:**
- 1 REMOVE AND DISPOSE OF EXISTING 30" RCP STORM DRAIN
  - 2 RELOCATE EXISTING 8" DIA. WATERLINE VERTICALLY SEE DETAIL SHEET 24-01
  - 3 RELOCATE EXISTING 8" GAS LINE VERTICALLY SEE DETAIL SHEET 24-01



CONSTRUCTION SURVEY POINTS

| PT #   | Station     | Elevation   |
|--------|-------------|-------------|
| CS122  | 1522554.68  | 1543087.344 |
| CS123  | 1522554.825 | 1543100.988 |
| CS123A | 1522554.058 | 1543160.988 |

\* Lids were locked, therefore unable to verify inverts



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FAX: (505) 850-9248  
tec@thompsoneng.com

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

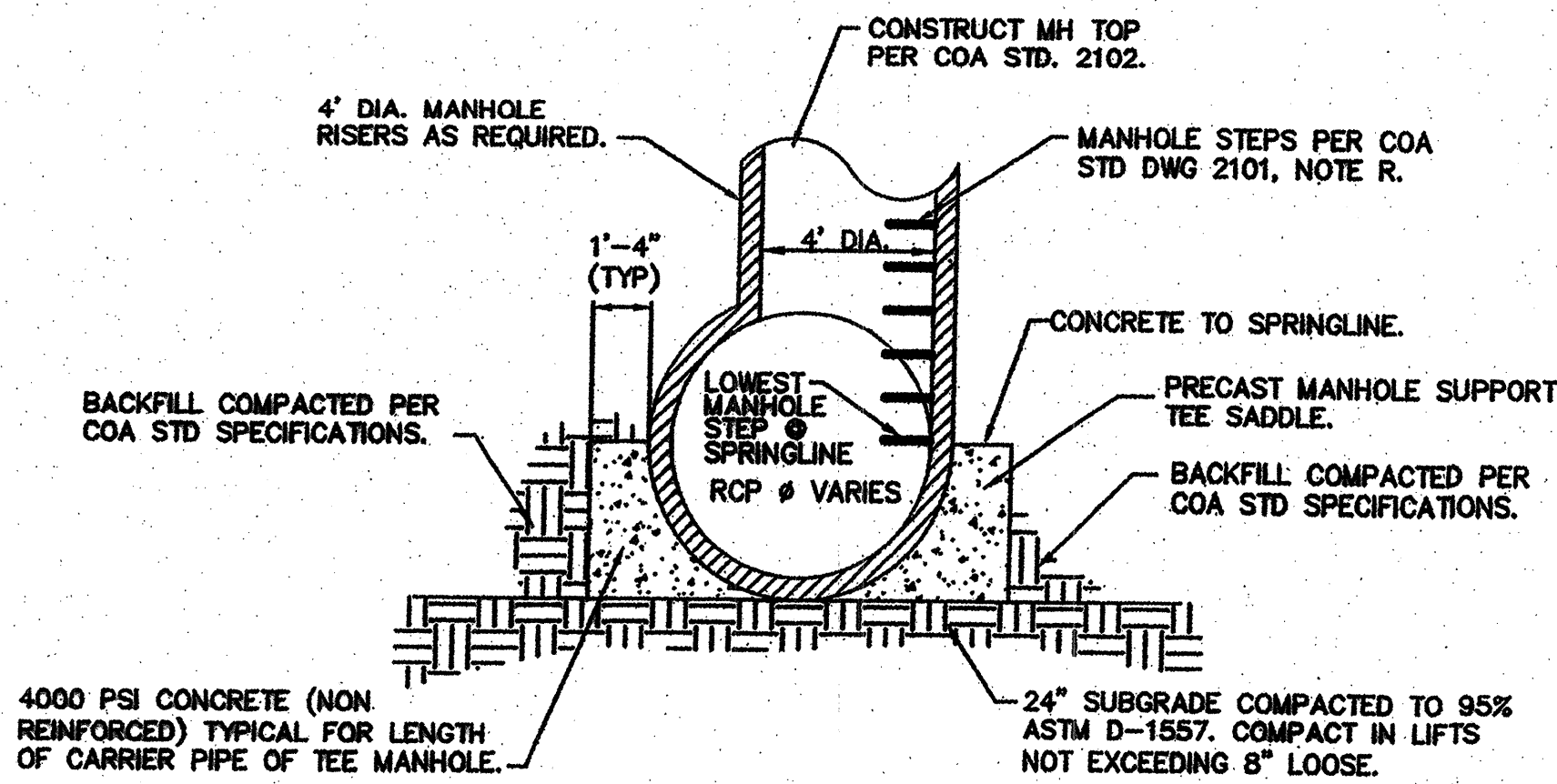
TITLE: **SAN PEDRO STORM DRAIN  
SIGNAL AVE. PLAN & PROFILE SOUTH 48" RCP**

| Design Review Committee                            | City Engineer Approval                   | No. / Day / Yr. | No. / Day / Yr. |
|----------------------------------------------------|------------------------------------------|-----------------|-----------------|
| APPROVED<br>MAR 11 2010<br>DESIGN REVIEW COMMITTEE | APPROVED<br>MAR 11 2010<br>CITY ENGINEER |                 |                 |

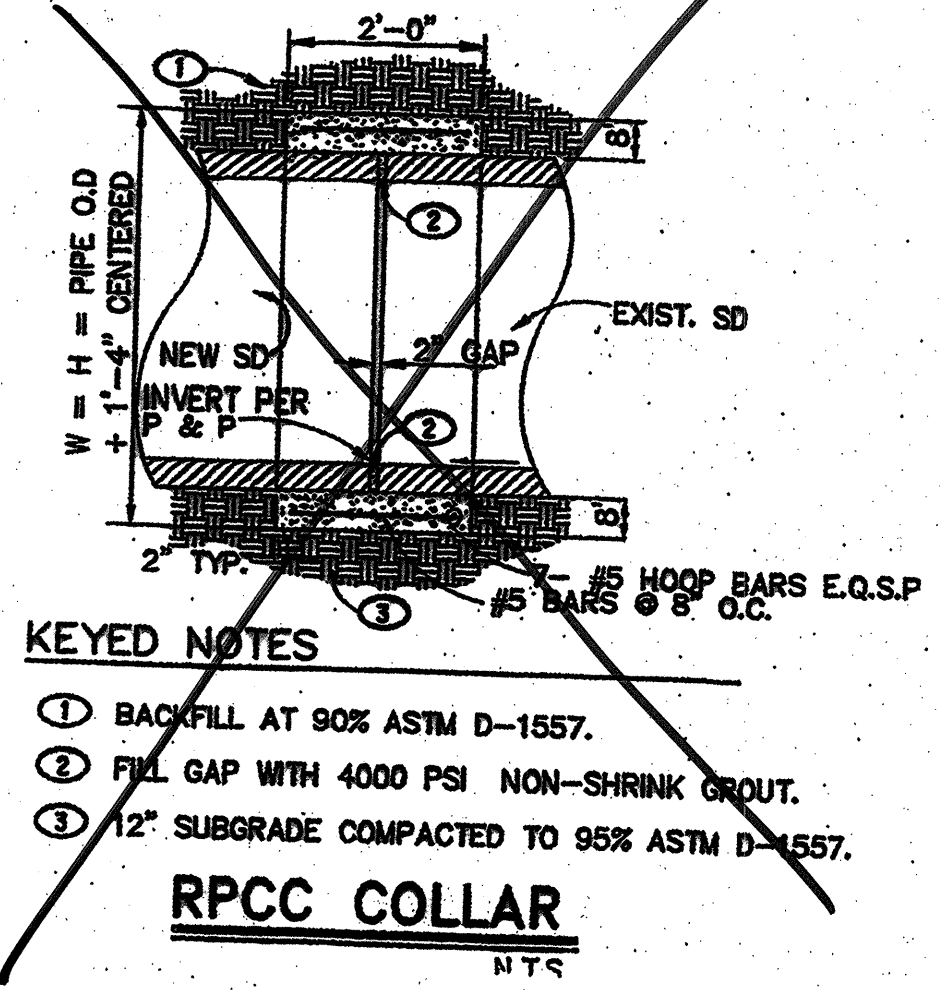
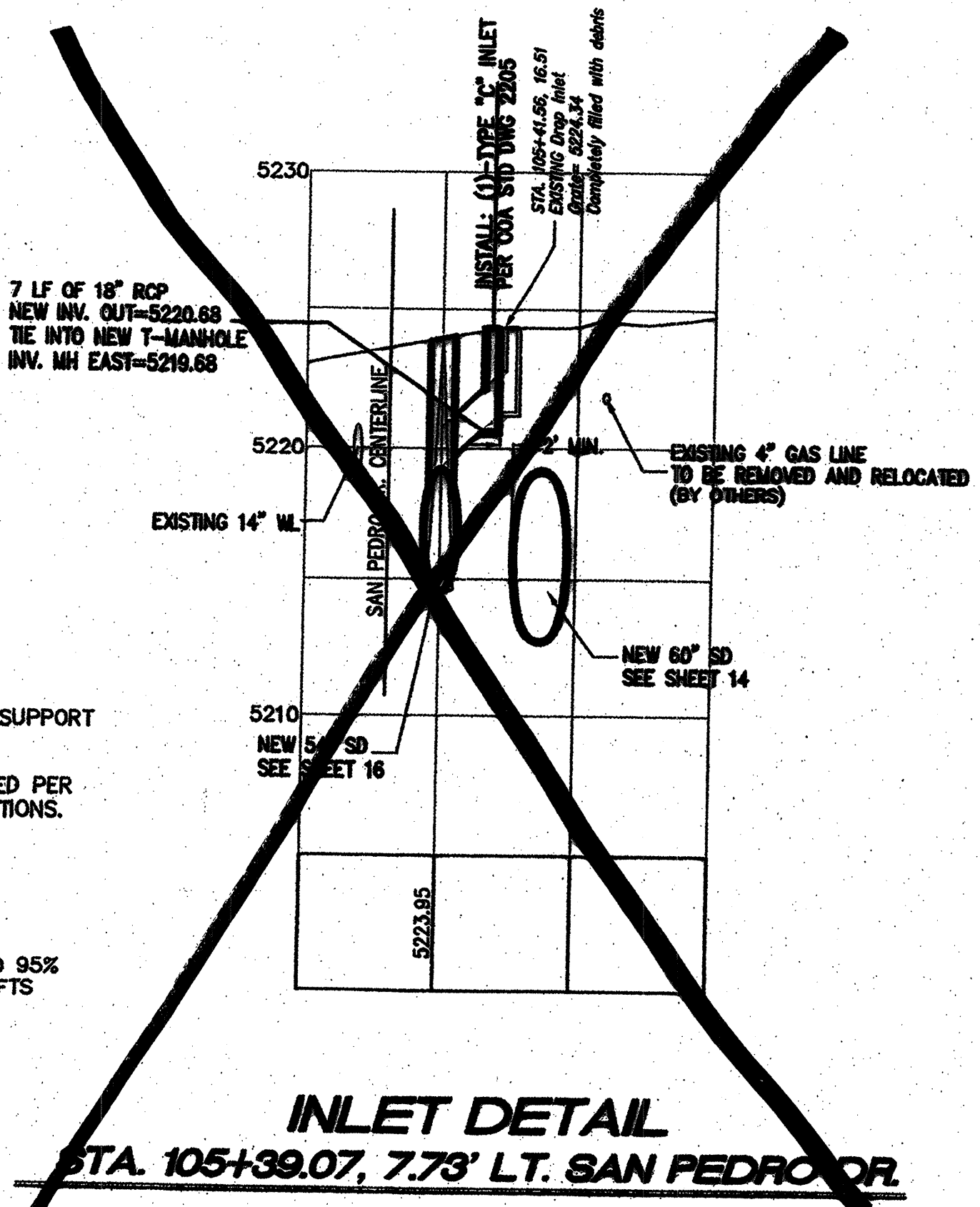
City Project No. **766391** Zone Map No. **C-18-Z** Sheet **79** Of **84**



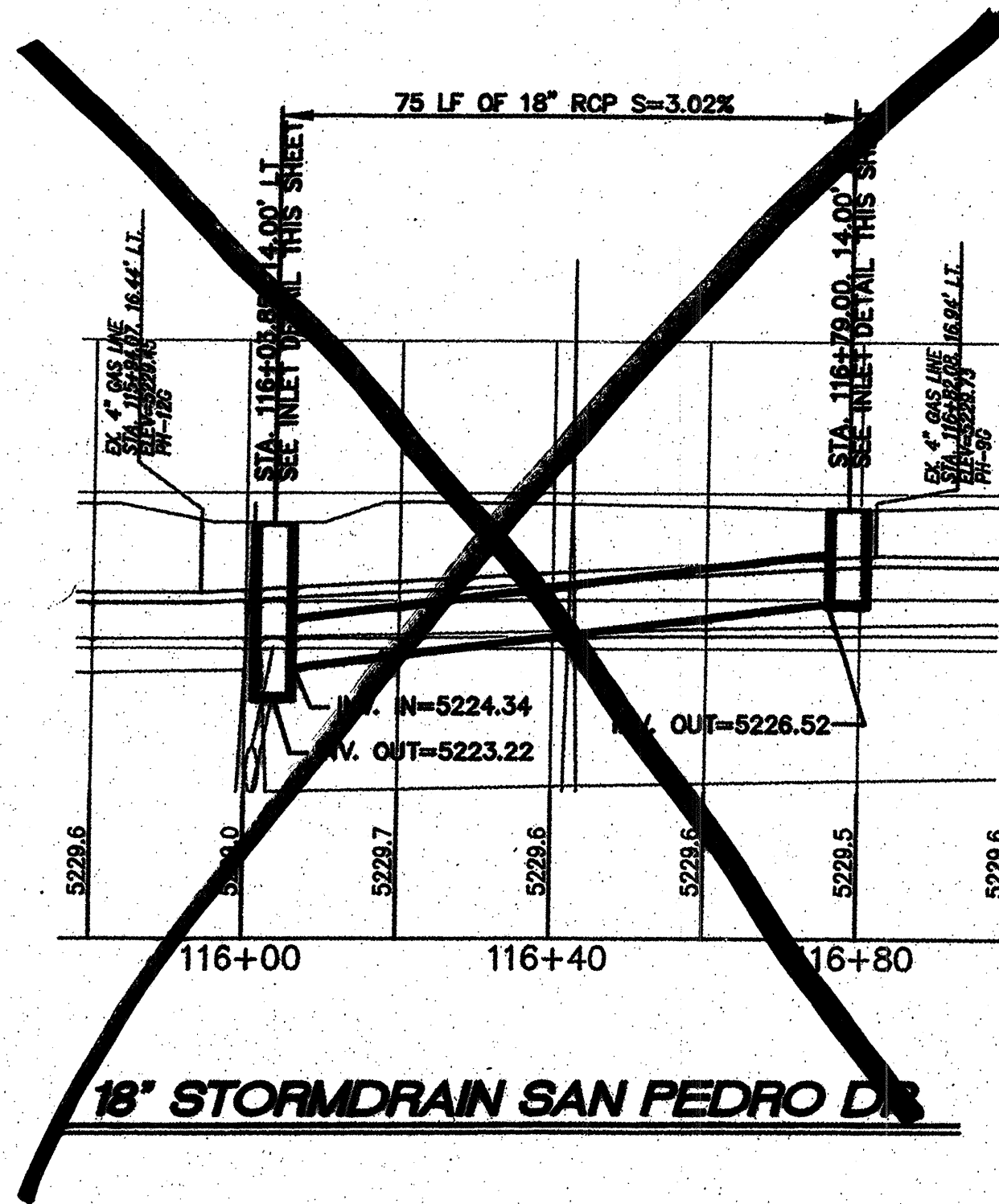
Q:\projects\CDIA San Pedro Storm Drain\PLANSET-100% E6-INLET DETAIL.dwg 2/19/2010 11:51:12 PM MST



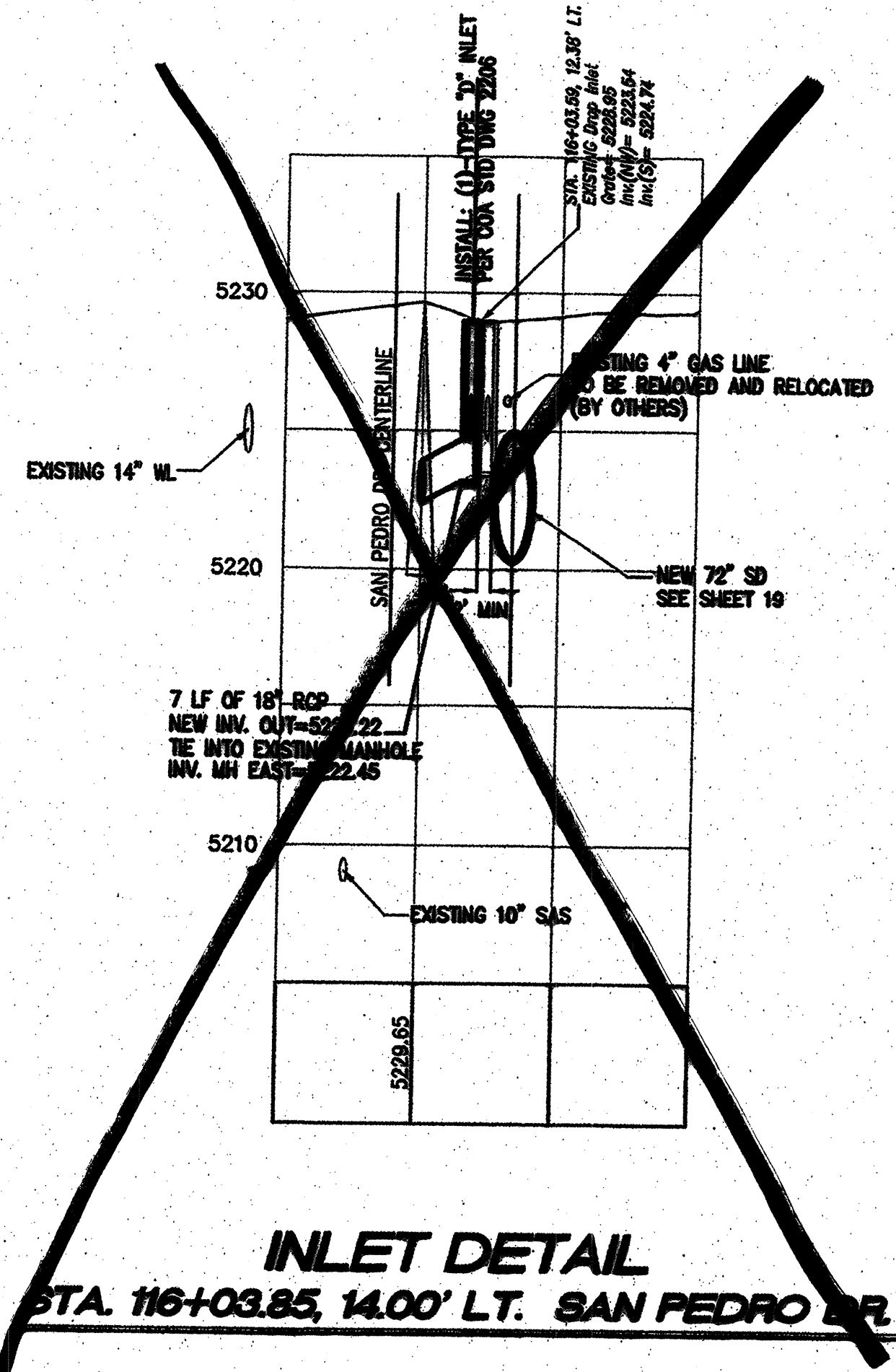
**STORM DRAIN TEE MANHOLE DETAIL**  
N.T.S. TO BE USED ON ALL SD TEE MH'S.



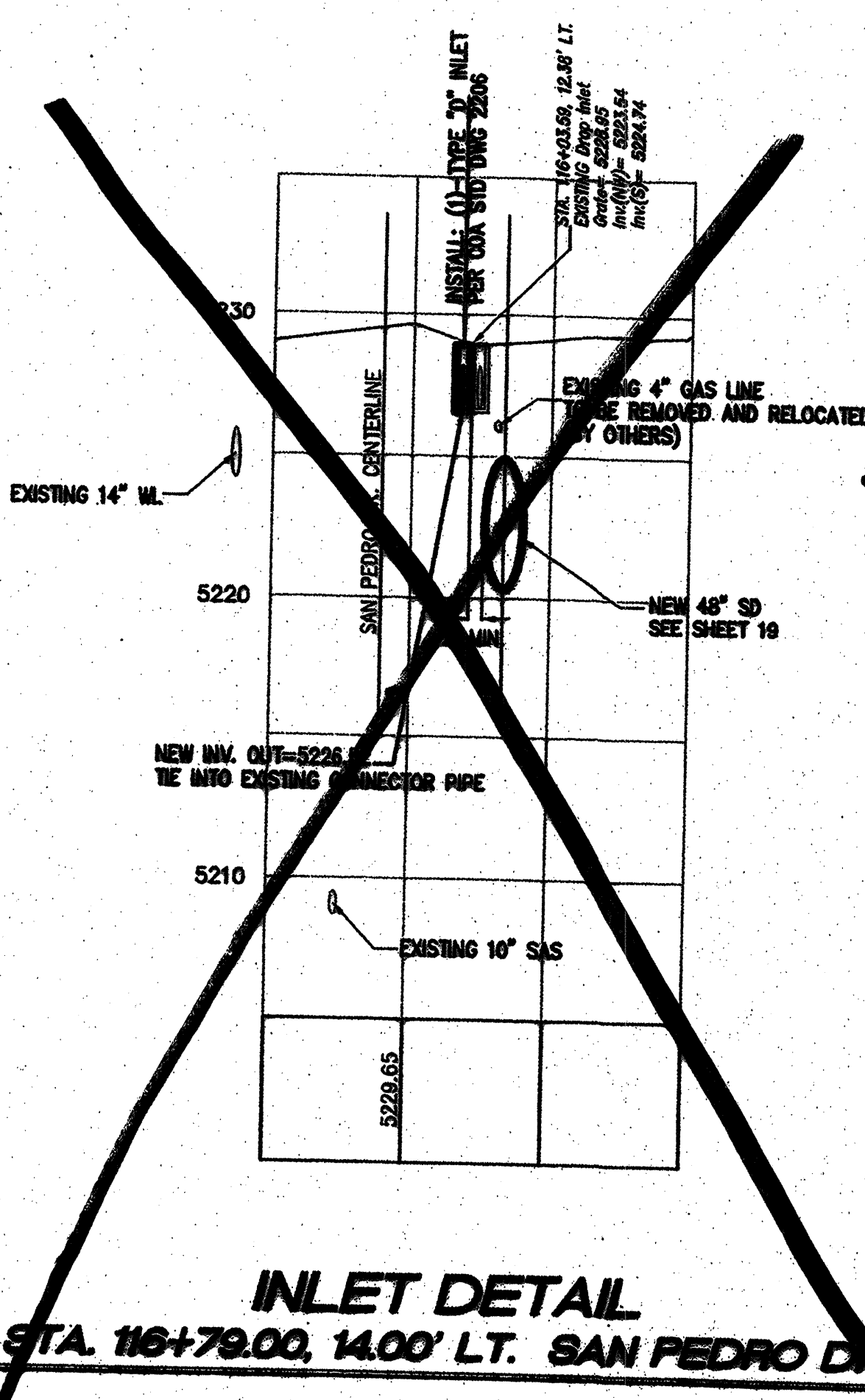
**KEYED NOTES**  
① BACKFILL AT 90% ASTM D-1557.  
② FILL GAP WITH 4000 PSI NON-SHRINK GROUT.  
③ 12" SUBGRADE COMPACTED TO 95% ASTM D-1557.  
**RPCC COLLAR**  
N.T.S.



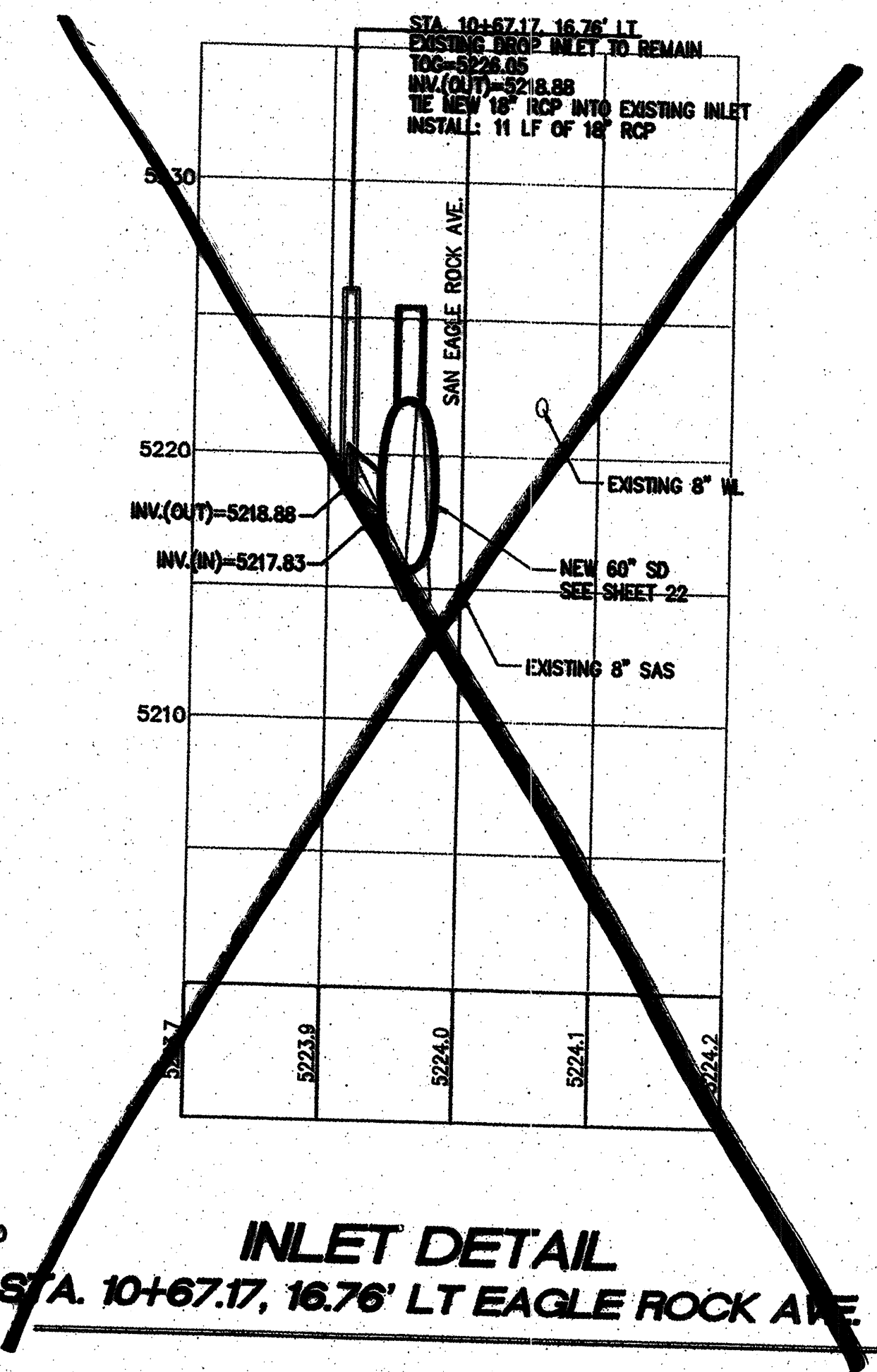
**18" STORM DRAIN SAN PEDRO DR.**



**INLET DETAIL**  
STA. 116+03.85, 14.00' LT. SAN PEDRO DR.



**INLET DETAIL**  
STA. 116+79.00, 14.00' LT. SAN PEDRO DR.



**INLET DETAIL**  
STA. 10+67.17, 16.76' LT EAGLE ROCK AVE.

**Thompson Engineering Consultants, Inc.**  
P.O. BOX 65760 ALBUQUERQUE, NM 87193  
PHONE: (505) 271-2199 FAX: (505) 630-9248  
tccm@yahoo.com

|                                                                                      |                                                                           |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION   |                                                                           |
| TITLE: <b>SAN PEDRO STORM DRAIN<br/>T-MANHOLE &amp; STORM INLET DETAILS</b>          |                                                                           |
| Design Review Committee<br><b>APPROVED</b><br>MAR 11 2010<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>MAR 11 2010<br>CITY ENGINEER |
| City Project No. <b>766391</b>                                                       | Zone Map No. <b>C-18-Z</b>                                                |
| Sheet <b>80</b>                                                                      | Of <b>84</b>                                                              |

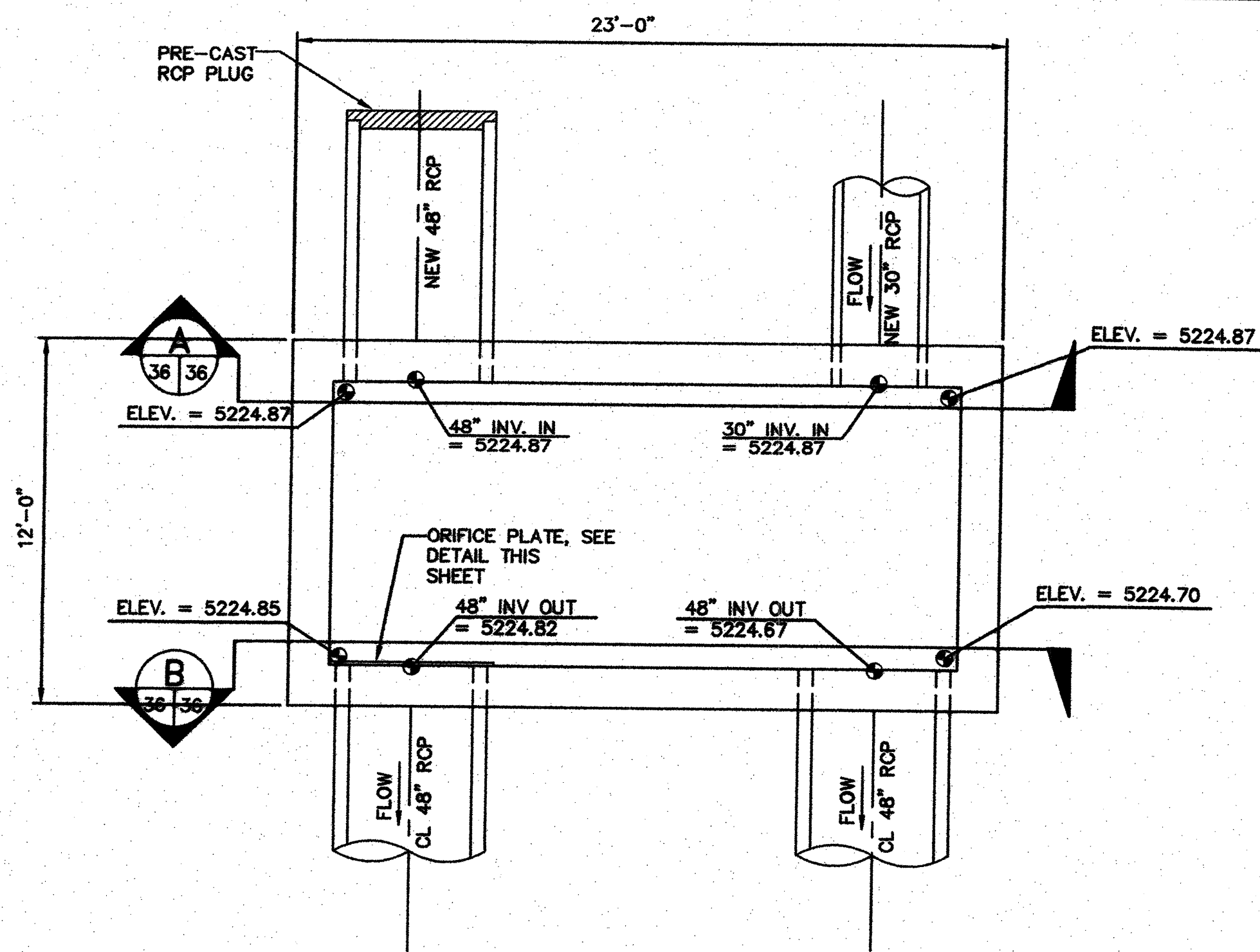
| AS-BUILT INFORMATION |                         |           | BENCH MARKS                          |                         |      | SURVEY INFORMATION |    |      | ENGINEERS SEAL |  |  |
|----------------------|-------------------------|-----------|--------------------------------------|-------------------------|------|--------------------|----|------|----------------|--|--|
| CONTRACTOR           | RMCI, INC.              | WORK      | STATION STAMPED                      | (10-C18 1985)           | DATE | NO.                | BY | DATE |                |  |  |
| DESIGNED BY          | CARTESIAN SURVEYS, INC. | DATE 7-14 | CITY OF ALBUQUERQUE                  | SURVEY 3 1/4"           | DATE |                    |    |      |                |  |  |
| ACCEPTANCE BY        | COA                     | DATE 7-14 | ALUMINUM DISK                        | RIVETED TO PIPE LOCATED |      |                    |    |      |                |  |  |
| FIELD                | COA                     | DATE 7-14 | BETWEEN ALAMEDA PL & EAGLE ROCK RD   |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 | ON SAN PEDRO BLVD. EAST SIDE OF ROAD |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 | Y=1,524,123.855 X=1,524,123.855      |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 | G-C=0.999665042                      |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 | ΔX=0' 11" 19.43"                     |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 | ELEVATION=5222.09                    |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 |                                      |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 |                                      |                         |      |                    |    |      |                |  |  |
| REVISIONS            | COA                     | DATE 7-14 |                                      |                         |      |                    |    |      |                |  |  |



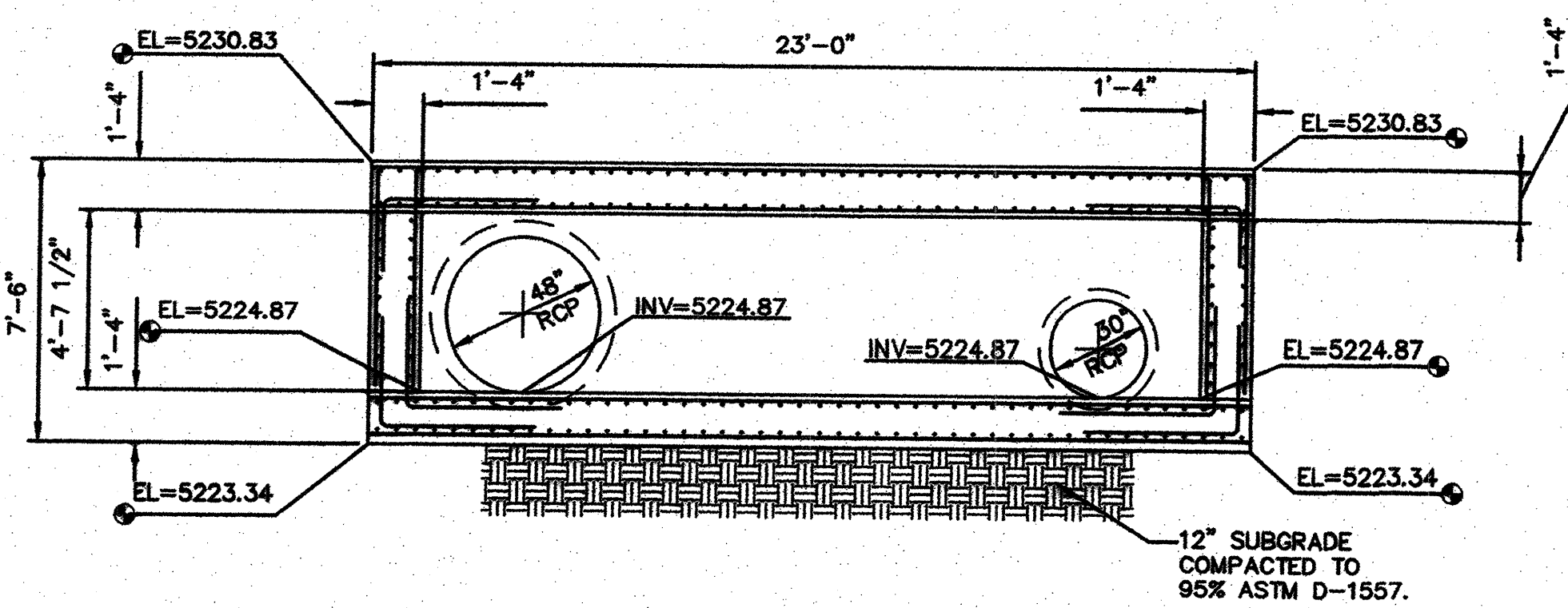




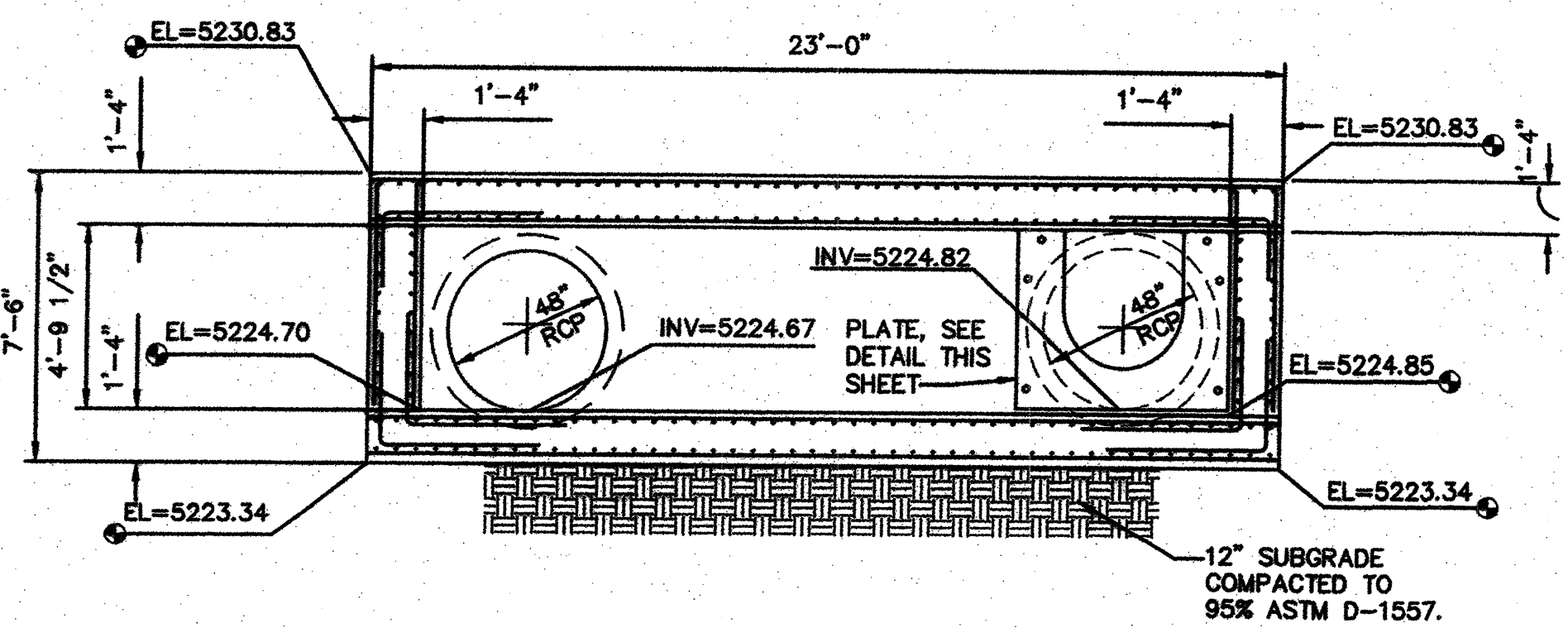
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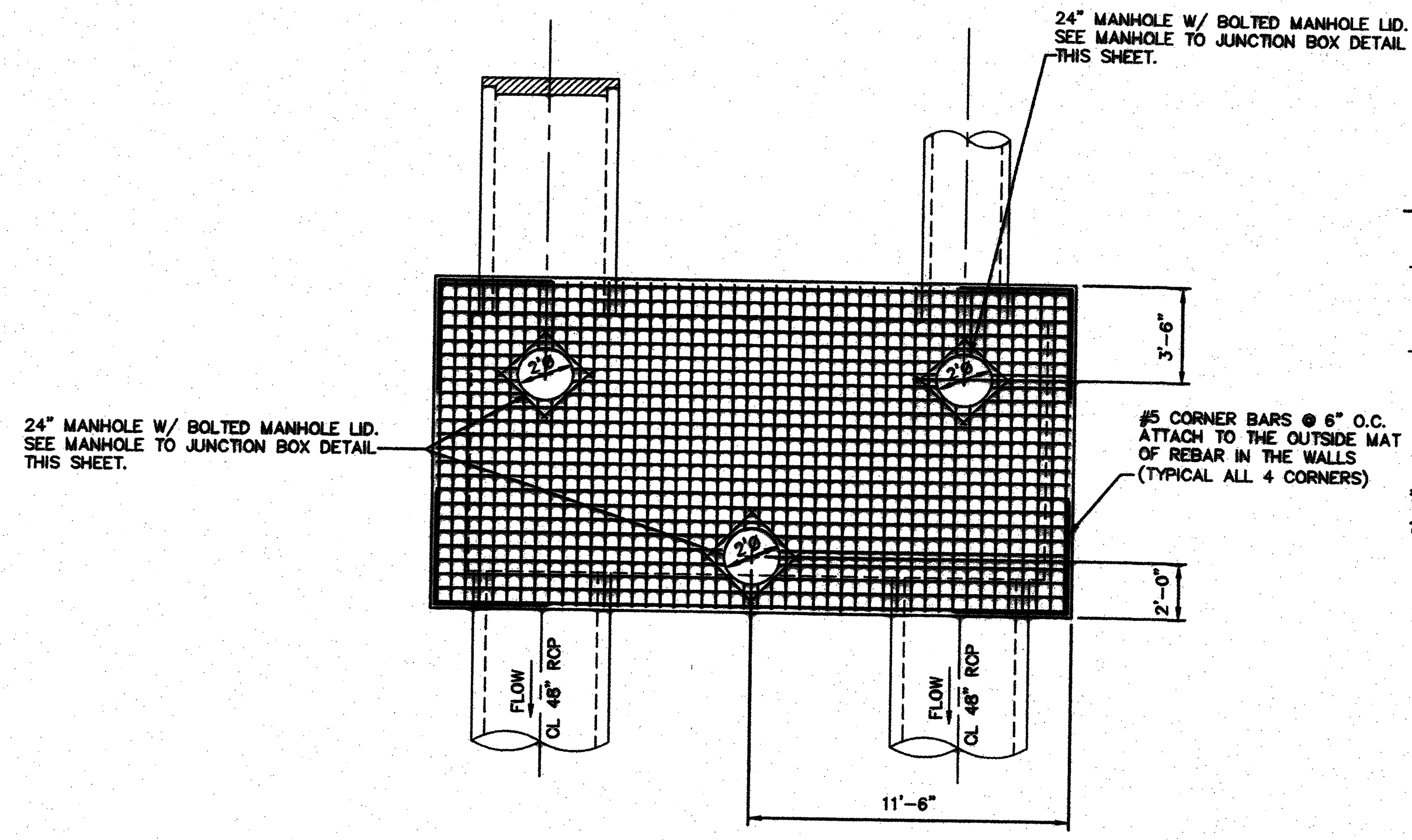
JUNCTION BOX - PLAN VIEW  
1/4"=1'-0"



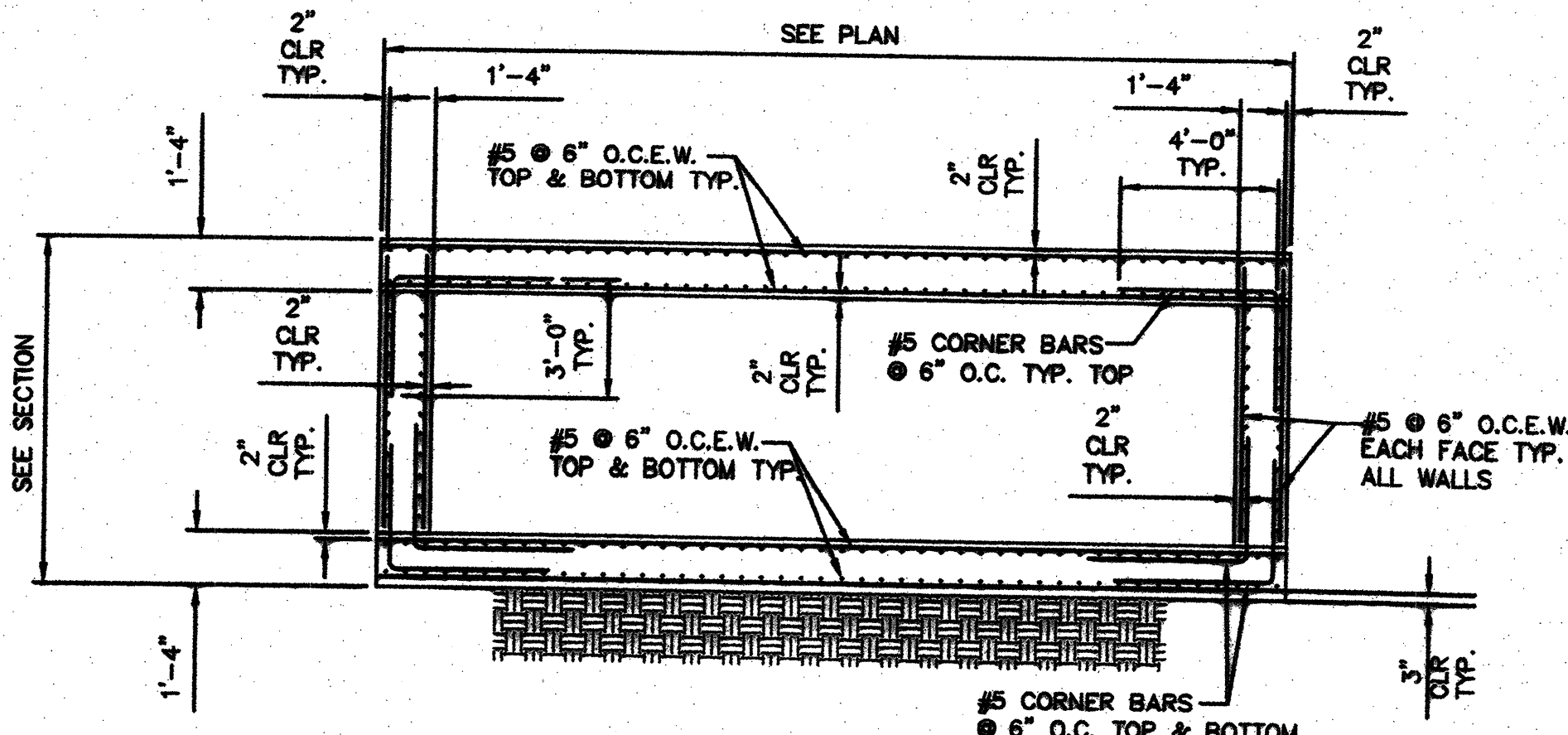
JUNCTION BOX - SECTION A  
1/4"=1'-0"



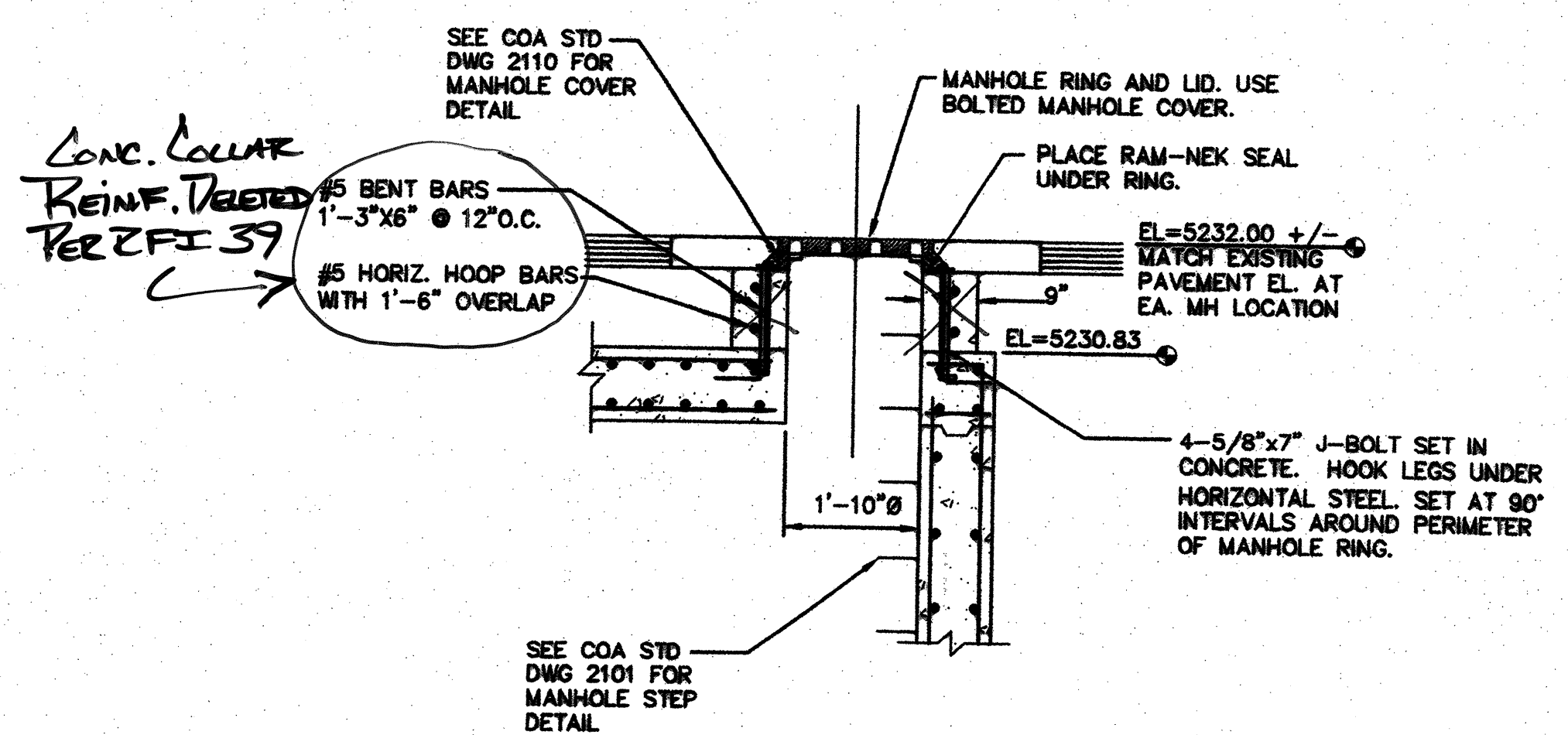
JUNCTION BOX - SECTION B  
1/4"=1'-0"



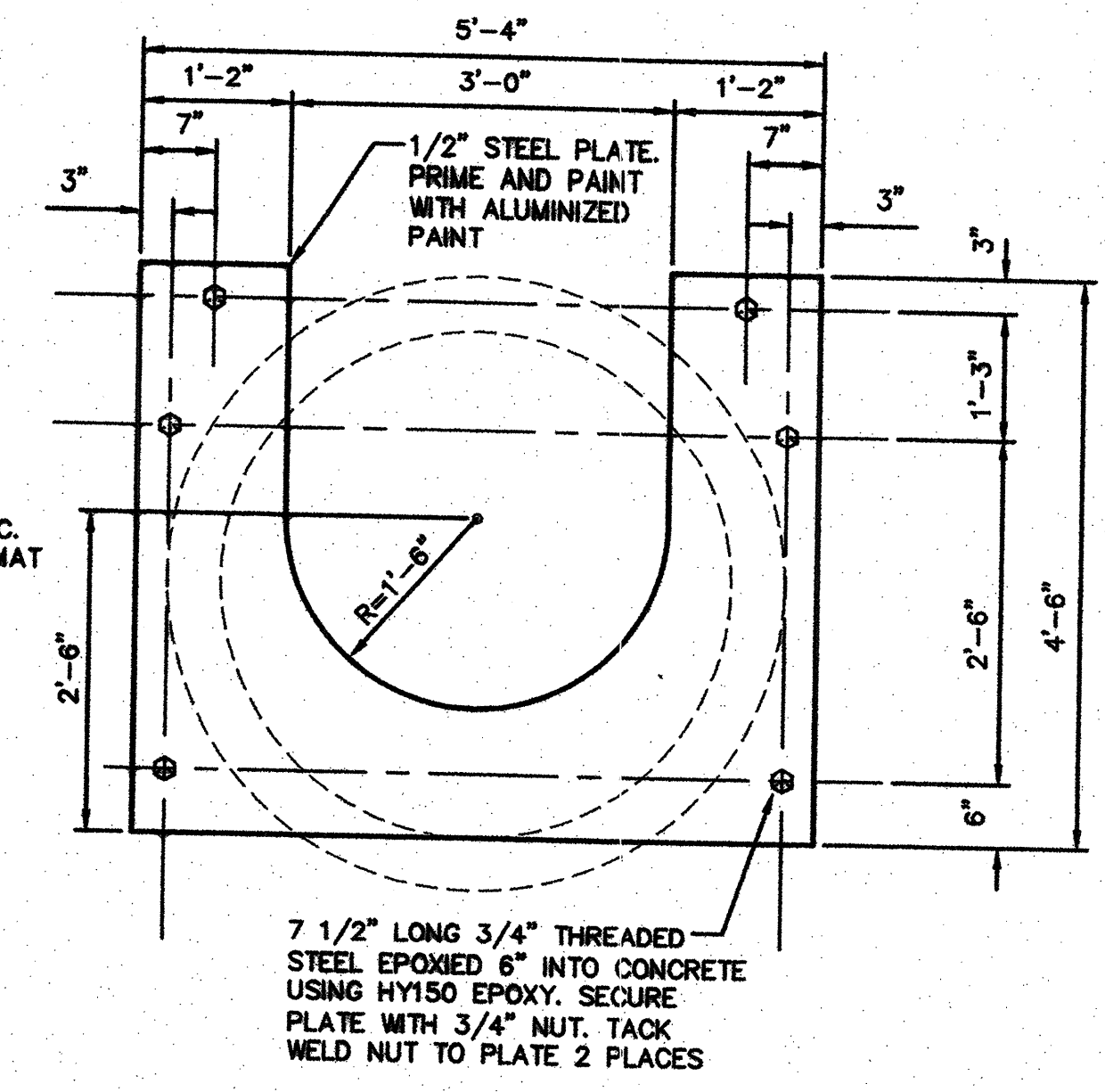
JUNCTION BOX - TOP PLAN VIEW  
1/4"=1'-0"



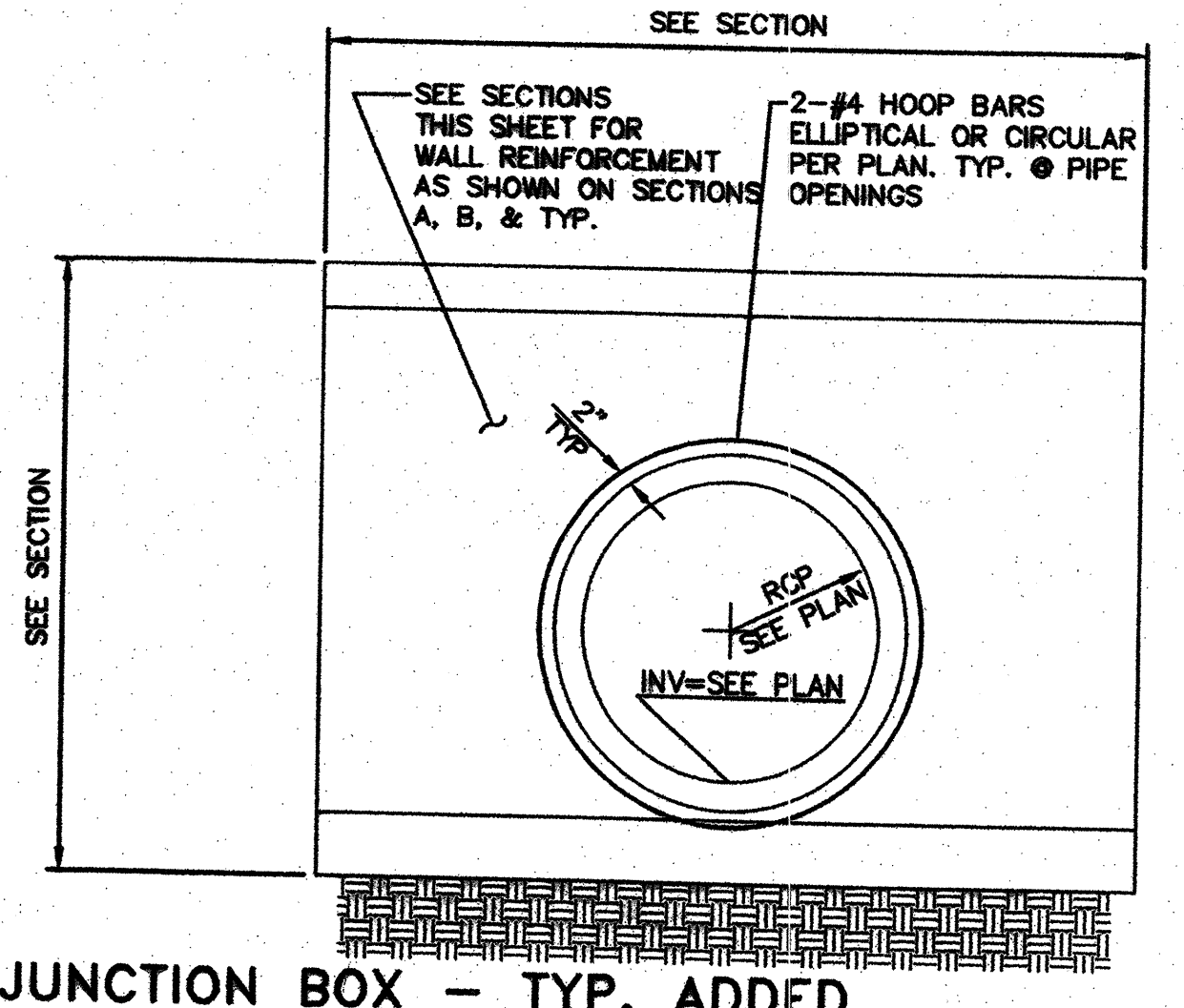
TYPICAL WALL SECTION  
1/4"=1'-0"



MANHOLE LID TO JUNCTION BOX DETAIL  
N.T.S.



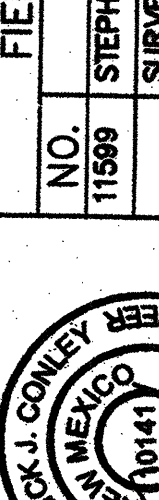
ORIFICE PLATE DETAIL - ELEVATION  
3/4"=1'-0"



JUNCTION BOX - TYP. ADDED REINFORCEMENT AT PIPE PENETRATION  
N.T.S.

|                                                                                                                                                             |                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Smith Engineering Company</b><br>108108<br>A Full Service Engineering Company<br>2001 San Pedro Boulevard, S.E., Ste. 200, Albuquerque, New Mexico 87102 |                                                                           |
| <b>CITY OF ALBUQUERQUE</b><br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>STORM DRAIN DESIGN DIVISION                                                            |                                                                           |
| TITLE: <b>SAN PEDRO STORM DRAIN<br/>JUNCTION BOX #4 - DETAIL SHEET</b>                                                                                      |                                                                           |
| Design Review Committee<br><b>APPROVED</b><br>MAR 11 2010<br>DESIGN REVIEW COMMITTEE                                                                        | City Engineer Approval<br><b>APPROVED</b><br>MAR 11 2010<br>CITY ENGINEER |
| City Project No. <b>7663.91</b>                                                                                                                             | Zone Map No. <b>C-18-7</b>                                                |
| Sheet <b>82</b> of <b>84</b>                                                                                                                                |                                                                           |

|  |  |                |  |                    |                    |                               |                                       |                                        |  |
|--|--|----------------|--|--------------------|--------------------|-------------------------------|---------------------------------------|----------------------------------------|--|
|  |  | ENGINEERS SEAL |  | SURVEY INFORMATION |                    | BENCH MARKS                   |                                       | AS BUILT INFORMATION                   |  |
|  |  |                |  | FIELD NOTES        |                    | STATION STAMPED (10-CIB 1988) |                                       | CONTRACTOR RMC, INC.                   |  |
|  |  |                |  | NO.                | BY                 | DATE                          |                                       | WORKED BY CARTESIAN                    |  |
|  |  |                |  | 11599              | STEPHEN TOLER      | 5/2008                        | CITY OF ALBUQUERQUE SURVEY 3 1/4"     | INSPECTOR'S SURVEYS, INC. DATE 7-14    |  |
|  |  |                |  |                    | SURVEYING CONTROL, |                               | ALUMINUM DISK RIVETED TO PIPE LOCATED | ACCEPTANCE BY COA DATE 7-14            |  |
|  |  |                |  |                    | INC.               |                               | BETWEEN ALAMEDA PL. & EAGLE ROCK RD.  | FIELD LOCATION BY COA DATE 7-14        |  |
|  |  |                |  |                    |                    |                               | ON SAN PEDRO BLVD. EAST SIDE OF ROAD  | DRAWINGS BY SWITH DATE 7-14            |  |
|  |  |                |  |                    |                    |                               | X=1,524,123.885 Y=1,542,565.263       | CORRECTED BY ENGINEERING CO. DATE 7-14 |  |
|  |  |                |  |                    |                    |                               | G-C=0.999665042                       | MICRO-FILM INFORMATION                 |  |
|  |  |                |  |                    |                    |                               | Δ X=0" 11" 19.43"                     | RECORDED BY DATE                       |  |
|  |  |                |  |                    |                    |                               | ELEVATION=5222.09 (NAVD 1988)         | NO.                                    |  |
|  |  |                |  |                    |                    |                               |                                       |                                        |  |



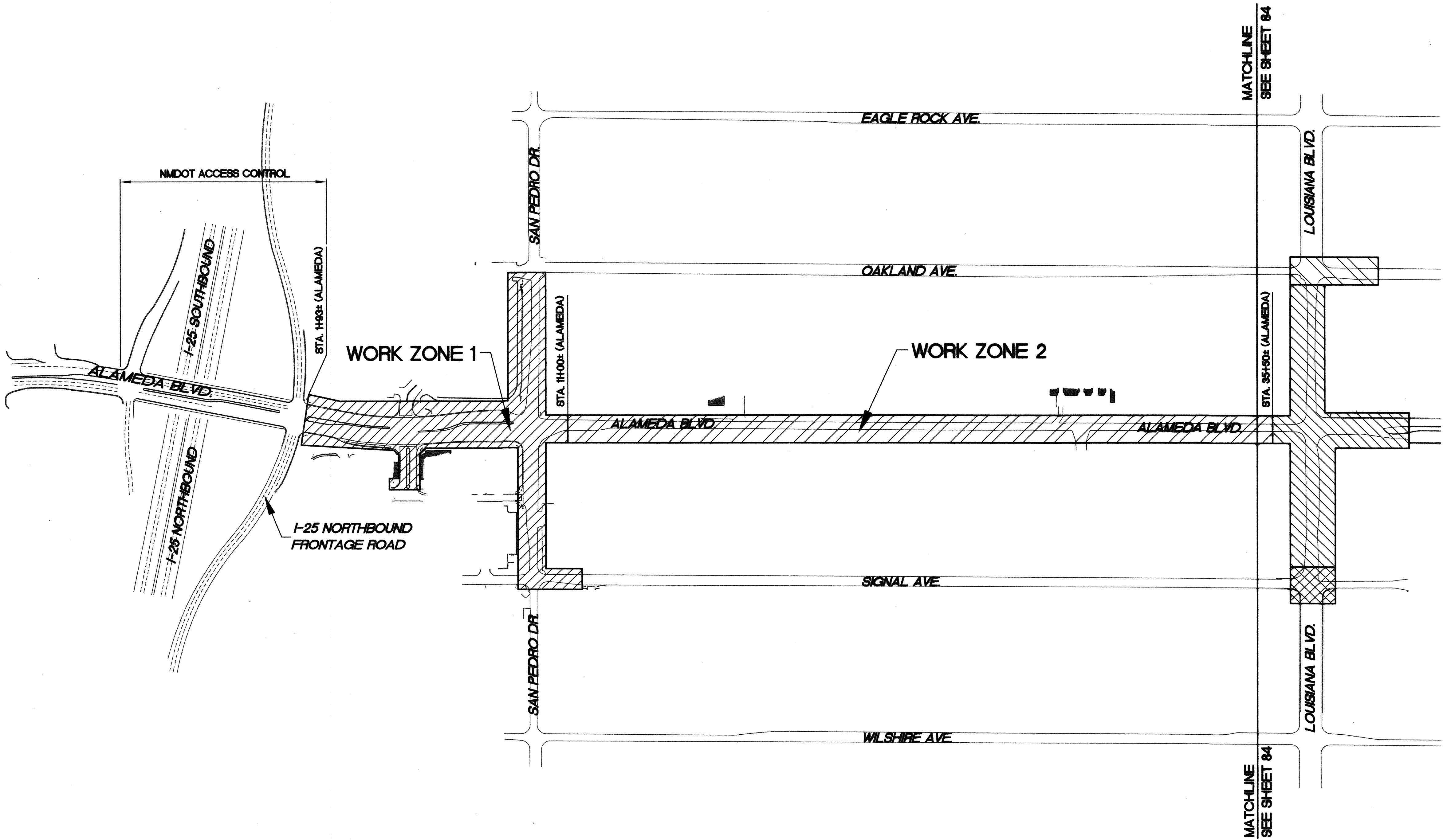
3/1/2010

|             |     |      |       |
|-------------|-----|------|-------|
| DESIGNED BY | PJC | DATE | 03/10 |
| DRAWN BY    | SEC | DATE | 03/10 |
| CHECKED BY  | PJC | DATE | 03/10 |

REVISIONS

DESIGN





### WORK ZONE 1

ALL CONSTRUCTION ON SAN PEDRO DRIVE (INCLUDING THE INTERSECTION AT SIGNAL AVENUE) AND ON ALAMEDA BOULEVARD FROM STATION 1+93 (BEGINNING OF PROJECT) TO APPROXIMATELY STATION 11+00. CONSTRUCTION OF THE INTERSECTION OF ALAMEDA BOULEVARD AND SAN PEDRO DRIVE WILL BE INCLUDED IN WORK ZONE 1.

#### WORK ZONE 1 SPECIFIC CRITERIA:

ACCESS TO SIGNAL AVENUE WEST OF SAN PEDRO DRIVE MUST ALSO BE MAINTAINED AT ALL TIMES. A MINIMUM OF ONE (1) TWELVE (12) FOOT LANE IN EACH DIRECTION MUST BE PROVIDED ON SAN PEDRO DRIVE AT ALL TIMES.

CONSTRUCTION IN WORK ZONE 1 WILL AFFECT TRAFFIC WITHIN AND NEAR THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) RIGHT-OF-WAY AND ACCESS CONTROL LIMITS. THE CONTRACTOR SHALL ADHERE TO ALL TRAFFIC CONTROL CRITERIA AS STIPULATED BY THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) AND THE COA. THE CONTRACTOR SHALL OBTAIN PERMITTING FROM THE NMDOT FOR TRAFFIC CONTROL WITHIN THE NMDOT RIGHT-OF-WAY AND ACCESS CONTROL LIMITS. THE NMDOT WILL REQUIRE A

TEMPORARY SIGNING PLAN, A PRIMARY TRAFFIC CONTROL PLAN FOR THE WORK ASSOCIATED WITH THE PROJECT, AND A SUPPLEMENTARY TRAFFIC CONTROL PLAN FOR ANY ADDITIONAL CONSTRUCTION ACTIVITIES REQUIRED TO IMPLEMENT THE PRIMARY TRAFFIC CONTROL PLAN.

A MINIMUM OF ONE (1) TWELVE (12) FOOT WIDE LANE IN EACH DIRECTION SHALL BE MAINTAINED ON ALAMEDA BOULEVARD AT ALL TIMES. THE TRAFFIC CONTROL PLAN SHALL ACCOMMODATE TURNING MOVEMENTS FOR A WB-65 VEHICLE. NO LEFT TURN RESTRICTIONS WILL BE PERMITTED. IF THE TRAFFIC CONTROL PLAN REQUIRES THAT WESTBOUND TRAFFIC TRAVEL IN A LANE NORMALLY DESIGNATED FOR EASTBOUND TRAFFIC (SOUTHERN HALF OF ALAMEDA BOULEVARD) THROUGH THE WORK ZONE, A MEDIAN CROSSOVER WILL BE REQUIRED WITHIN NMDOT RIGHT-OF-WAY WEST OF THE INTERSECTION AT ALAMEDA BOULEVARD AND THE I-25 NORTHBOUND FRONTAGE ROAD. A MEDIAN CROSSOVER WILL ALSO BE REQUIRED IF THE TRAFFIC CONTROL PLAN REQUIRES THAT EASTBOUND TRAFFIC TRAVEL IN A LANE NORMALLY DESIGNATED FOR WESTBOUND TRAFFIC (NORTHERN HALF OF ALAMEDA BOULEVARD). THE MEDIAN CROSSOVER WILL BE USED TO DIRECT TRAFFIC BACK TO THE NORMALLY USED LANES FOR THE RESPECTIVE DIRECTION OF TRAVEL OUTSIDE OF THE

CONSTRUCTION ZONE. THE WORK REQUIRED TO CONSTRUCT THE MEDIAN CROSSOVER WILL REQUIRE A SUPPLEMENTARY TRAFFIC CONTROL PLAN THAT SHALL BE SUBMITTED TO THE NMDOT FOR APPROVAL ALONG WITH THE TEMPORARY SIGNING PLAN AND ADDITIONAL REQUIRED TRAFFIC CONTROL PLANS FOR CONSTRUCTION ACTIVITIES WITHIN THE NMDOT RIGHT-OF-WAY AND ACCESS CONTROL LIMITS.

TEMPORARY TRAFFIC SIGNALS MAY BE REQUIRED ON ALAMEDA BOULEVARD IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR SHALL PROVIDE VARIABLE MESSAGE SIGNS ON THE INTERSTATE 25 NORTHBOUND FRONTAGE ROAD AND ON EASTBOUND ALAMEDA BOULEVARD FOR THE DURATION OF THE PROJECT.

### WORK ZONE 2

ALL CONSTRUCTION ON ALAMEDA BOULEVARD FROM APPROXIMATELY STATION 11+00 TO STATION 36+50 (ALAMEDA BOULEVARD BETWEEN SAN PEDRO DRIVE AND LOUISIANA BOULEVARD).

#### WORK ZONE 2 SPECIFIC CRITERIA:

FOR CONSTRUCTION ACTIVITIES IN WORK ZONE 2 A FULL CLOSURE OF ALAMEDA BOULEVARD BETWEEN SAN PEDRO DRIVE AND LOUISIANA BOULEVARD WILL BE ALLOWED. ALL THROUGH TRAFFIC LANES (NORTHBOUND AND SOUTHBOUND LANES) ON SAN PEDRO DRIVE AND LOUISIANA BOULEVARD SHALL REMAIN OPEN DURING THIS TIME.

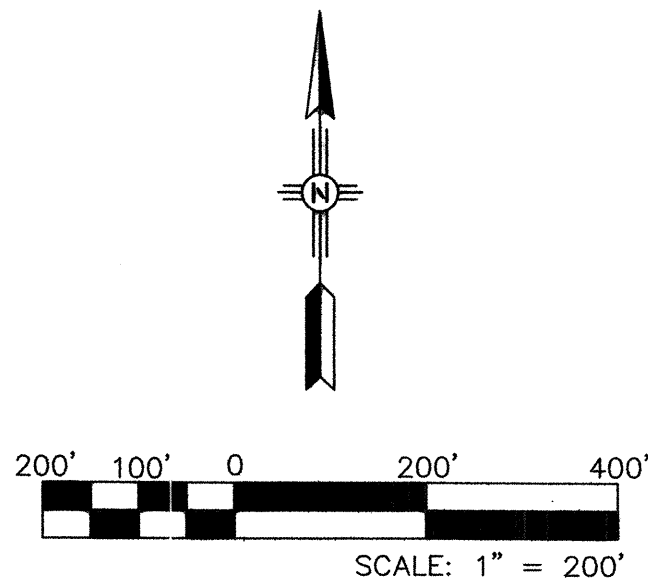
SIGNAL AVENUE BETWEEN LOUISIANA AND WYOMING BOULEVARDS SHALL NOT BE USED AS A DETOUR, AND OAKLAND AVENUE SHALL NOT BE USED AS A DETOUR.

### LEGEND

- WORK ZONE 1
- WORK ZONE 2

#### GENERAL TRAFFIC CONTROL CRITERIA:

- ACCESS TO BUSINESSES WITHIN AND SURROUNDING THE LIMITS OF CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES. ACCESS SIGNS FOR AFFECTED BUSINESSES SHALL BE PROVIDED BY THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ANY TEMPORARY BUS STOP LOCATIONS WITH THE CITY OF ALBUQUERQUE TRANSIT DEPARTMENT.
- THE TRAFFIC CONTROL PLAN SHALL MAINTAIN ACCESS TO BICYCLE AND PEDESTRIAN FACILITIES WITHIN THE CONSTRUCTION AREA AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE AN AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBLE PEDESTRIAN DETOUR AT ALL TIMES.
- TEMPORARY PAVEMENT MAY BE REQUIRED AS PART OF THE APPROVED TRAFFIC CONTROL PLAN. TEMPORARY PAVEMENT SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARD DRAWING 2415B.
- APPROVAL OF THE TRAFFIC CONTROL PLAN SHALL BE OBTAINED FROM THE CITY OF ALBUQUERQUE (COA) CONSTRUCTION DIVISION (505-924-3400) FOR ALL WORK ZONES AND THE NMDOT FOR WORK ZONE 1 TWO (2) DAYS PRIOR TO THE START OF CONSTRUCTION. THE NMDOT POINT OF CONTACT IS ANTONIO JARAMILLO, PE (505-841-2729).
- CONTRACTOR MAY WORK EXTENDED HOURS FROM 7 A.M. TO 7 P.M. FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL PROVIDE VARIABLE MESSAGE SIGNS AS REQUIRED IN THE TRAFFIC CONTROL PLAN.
- CONSTRUCTION OF THE PROJECT WILL BE DIVIDED INTO SIX (6) WORK ZONES. CONSTRUCTION IN EACH WORK ZONE SHALL PROCEED SEQUENTIALLY AND IN NUMERICAL ORDER. CONSTRUCTION IN A SUBSEQUENT WORK ZONE SHALL NOT BEGIN UNTIL THE PREVIOUS WORK ZONE HAS REACHED SUBSTANTIAL COMPLETION AND IS OPEN TO TRAFFIC.
- MEASUREMENT AND PAYMENT FOR ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL WILL BE MADE PER SUPPLEMENTAL TECHNICAL SPECIFICATION SECTION 1200 OF THE PROJECT MANUAL.



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

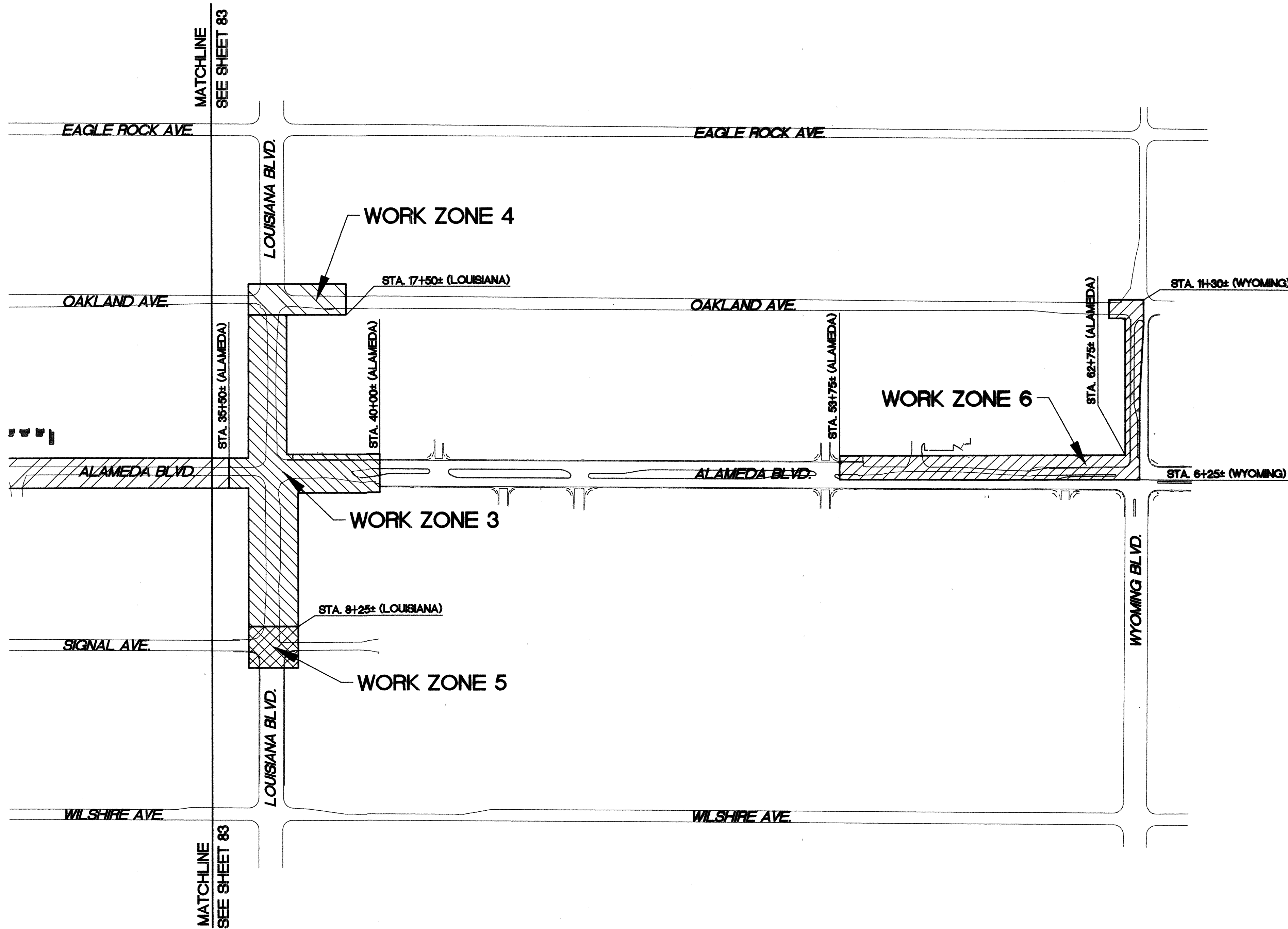
TITLE: **ALAMEDA BLVD. WIDENING**  
**WORK ZONE MAP**

|                                    |                                  |                            |                    |                 |
|------------------------------------|----------------------------------|----------------------------|--------------------|-----------------|
|                                    |                                  | Last Design Update         | Mo. / Day / Yr.    |                 |
|                                    |                                  |                            |                    |                 |
| City Project No.<br><b>7663.91</b> | Zone Map No.<br><b>C-18/C-19</b> | Drawing No.<br><b>10-1</b> | Sheet<br><b>83</b> | Of<br><b>84</b> |

| SURVEY INFORMATION |           | BENCH MARKS   |             | AS-BUILT INFORMATION    |           |
|--------------------|-----------|---------------|-------------|-------------------------|-----------|
| NO.                | BY        | DATE          | COORDINATES | CONTRACTOR              | DATE      |
| 11599              | Surveying | Control, Inc. | 11/2010     | RMCI, INC.              | DATE 7-14 |
|                    |           |               |             | INSPECTED BY            | DATE 7-14 |
|                    |           |               |             | ACCEPTANCE BY           | DATE 7-14 |
|                    |           |               |             | VERIFICATION BY         | DATE 7-14 |
|                    |           |               |             | SMITH ENGINEERING, INC. | DATE 7-14 |
|                    |           |               |             | CORRECTED BY            | DATE      |
|                    |           |               |             | RECORDED BY             | DATE      |
|                    |           |               |             | NO.                     | NO.       |
|                    |           |               |             |                         | NO.       |

The coordinates and elevations are US Survey Feet.





### WORK ZONE 3

ALL CONSTRUCTION ON LOUISIANA BOULEVARD FROM APPROXIMATELY STATION 8+25 TO 17+50 (BETWEEN SIGNAL AND OAKLAND AVENUES) AND ON ALAMEDA BOULEVARD FROM STATION 35+50 TO 40+00.

### WORK ZONE 4

ALL CONSTRUCTION ON OAKLAND AVENUE EAST OF LOUISIANA BOULEVARD AND AT THE INTERSECTION OF OAKLAND AVENUE AND LOUISIANA BOULEVARD.

**WORK ZONE 4 SPECIFIC CRITERIA:**  
SIGNAL AVENUE BETWEEN LOUISIANA AND WYOMING BOULEVARDS SHALL NOT BE USED AS A DETOUR, AND OAKLAND AVENUE SHALL NOT BE USED AS A DETOUR.

### WORK ZONE 5

ALL CONSTRUCTION AT THE INTERSECTION OF SIGNAL AVENUE AND LOUISIANA BOULEVARD

**WORK ZONE 5 SPECIFIC CRITERIA:**  
SIGNAL AVENUE BETWEEN LOUISIANA AND WYOMING BOULEVARDS SHALL NOT BE USED AS A DETOUR, AND OAKLAND AVENUE SHALL NOT BE USED AS A DETOUR.

### WORK ZONE 6

ALL CONSTRUCTION ON WYOMING BOULEVARD (FROM APPROXIMATELY STATION 6+25 TO STATION 11+30) AND ALAMEDA BOULEVARD FROM STATION 53+75 TO 62+75. WORK ZONE 6 INCLUDES ANY CONSTRUCTION AT THE INTERSECTION OF WYOMING AND ALAMEDA BOULEVARDS.

#### WORK ZONE 6 SPECIFIC CRITERIA:

ACCESS TO THE EXISTING BUSINESS ON THE NORTH SIDE OF ALAMEDA BOULEVARD WITHIN WORK ZONE 6 SHALL BE MAINTAINED DURING ALL CONSTRUCTION ACTIVITIES IN WORK ZONE 6. DURING WORK ZONE 6 ACTIVITIES A MINIMUM OF ONE (1) TWELVE (12) FOOT WIDE LANE IN EACH DIRECTION SHALL BE PROVIDED ON ALAMEDA BOULEVARD. THE NORTHBOUND LANES ON WYOMING BOULEVARD SHALL REMAIN OPEN AT ALL TIMES FOR THE DURATION OF CONSTRUCTION ACTIVITIES.

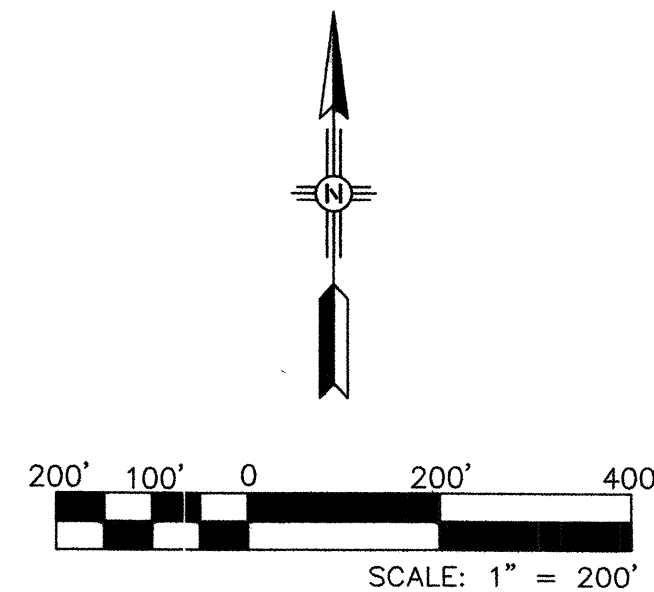
SIGNAL AVENUE BETWEEN LOUISIANA AND WYOMING BOULEVARDS SHALL NOT BE USED AS A DETOUR, AND OAKLAND AVENUE SHALL NOT BE USED AS A DETOUR.

### LEGEND

- WORK ZONE 3
- WORK ZONE 4
- WORK ZONE 5
- WORK ZONE 6

#### GENERAL TRAFFIC CONTROL CRITERIA:

- ACCESS TO BUSINESSES WITHIN AND SURROUNDING THE LIMITS OF CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES. ACCESS SIGNS FOR AFFECTED BUSINESSES SHALL BE PROVIDED BY THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ANY TEMPORARY BUS STOP LOCATIONS WITH THE CITY OF ALBUQUERQUE TRANSIT DEPARTMENT.
- THE TRAFFIC CONTROL PLAN SHALL MAINTAIN ACCESS TO BICYCLE AND PEDESTRIAN FACILITIES WITHIN THE CONSTRUCTION AREA AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE AN AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBLE PEDESTRIAN DETOUR AT ALL TIMES.
- TEMPORARY PAVEMENT MAY BE REQUIRED AS PART OF THE APPROVED TRAFFIC CONTROL PLAN. TEMPORARY PAVEMENT SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARD DRAWING 2415B.
- APPROVAL OF THE TRAFFIC CONTROL PLAN SHALL BE OBTAINED FROM THE CITY OF ALBUQUERQUE (COA) CONSTRUCTION DIVISION (505-924-3400) FOR ALL WORK ZONES AND THE NMDOT FOR WORK ZONE 1 TWO (2) DAYS PRIOR TO THE START OF CONSTRUCTION. THE NMDOT POINT OF CONTACT IS ANTONIO JARAMILLO, PE (505-841-2729).
- CONTRACTOR MAY WORK EXTENDED HOURS FROM 7 A.M. TO 7 P.M. FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL PROVIDE VARIABLE MESSAGE SIGNS AS REQUIRED IN THE TRAFFIC CONTROL PLAN.
- CONSTRUCTION OF THE PROJECT WILL BE DIVIDED INTO SIX (6) WORK ZONES. CONSTRUCTION IN EACH WORK ZONE SHALL PROCEED SEQUENTIALLY AND IN NUMERICAL ORDER. CONSTRUCTION IN A SUBSEQUENT WORK ZONE SHALL NOT BEGIN UNTIL THE PREVIOUS WORK ZONE HAS REACHED SUBSTANTIAL COMPLETION AND IS OPEN TO TRAFFIC.
- MEASUREMENT AND PAYMENT FOR ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL WILL BE MADE PER SUPPLEMENTAL TECHNICAL SPECIFICATION SECTION 1200 OF THE PROJECT MANUAL.



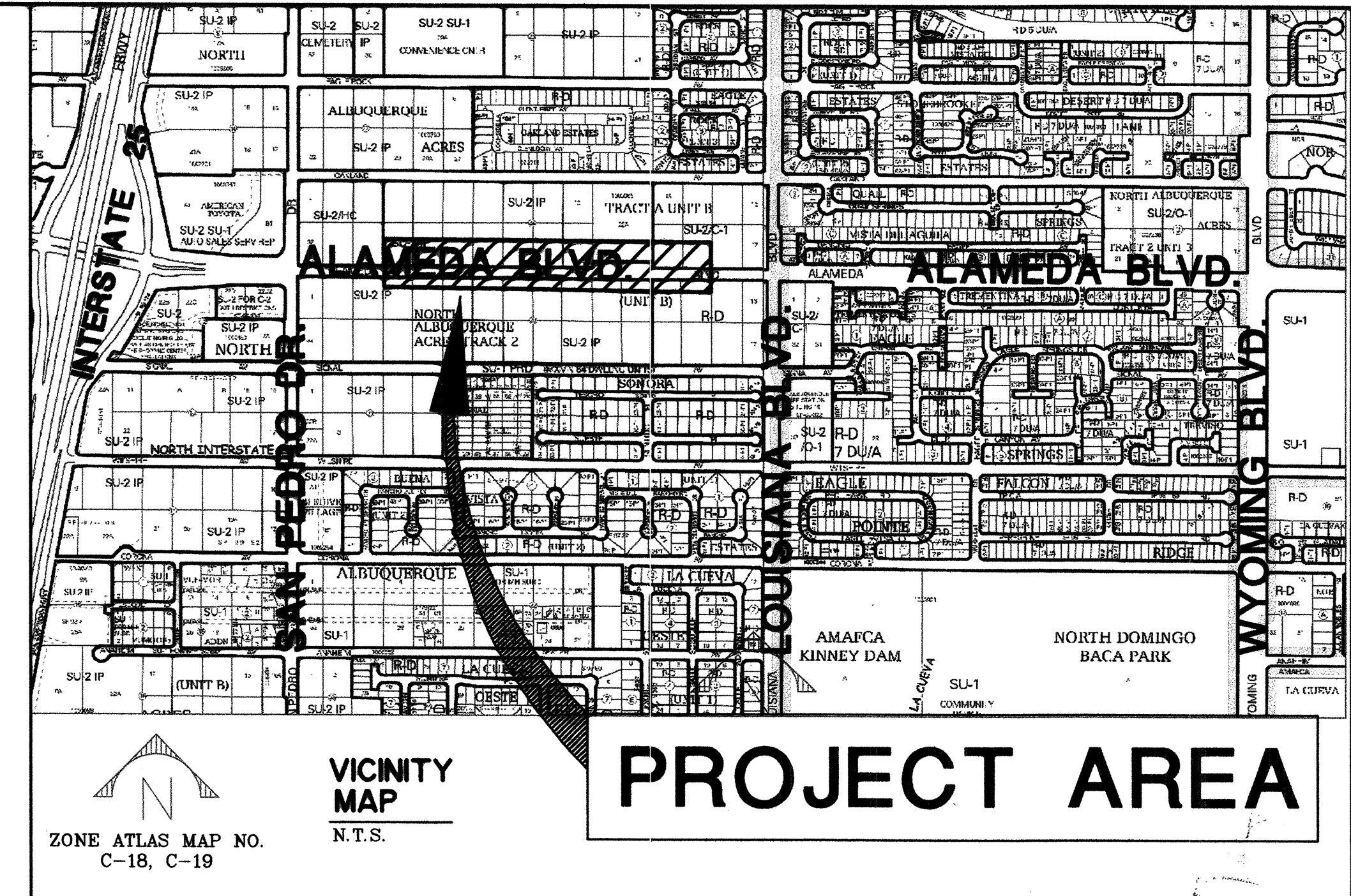
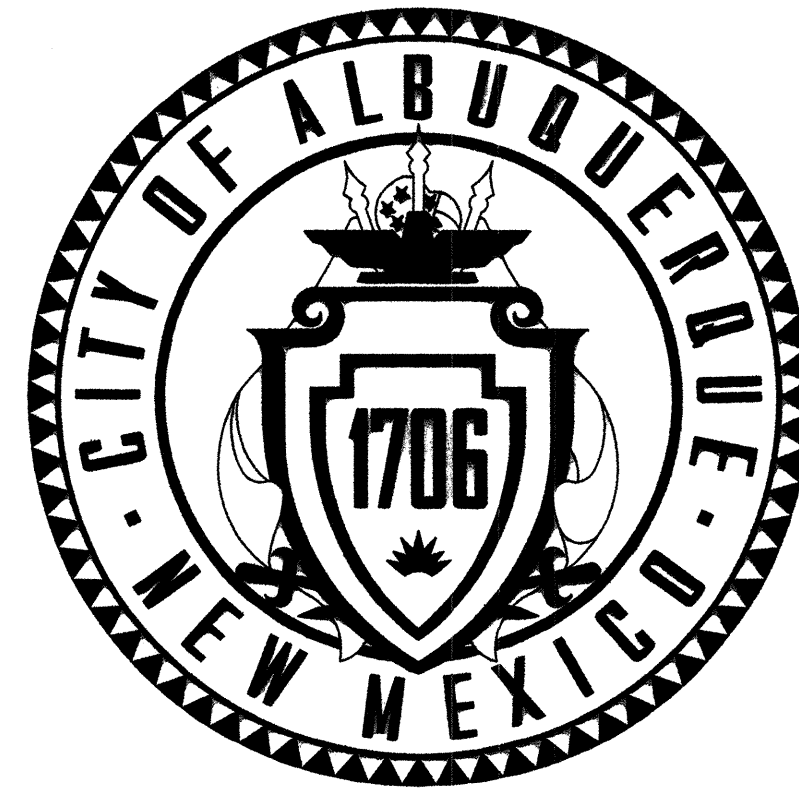
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **ALAMEDA BLVD. WIDENING**  
**WORK ZONE MAP**

|                                    |                                  |                            |                    |                 |
|------------------------------------|----------------------------------|----------------------------|--------------------|-----------------|
|                                    |                                  | Last Design Update         | No. / Day / Yr.    |                 |
|                                    |                                  |                            |                    |                 |
| City Project No.<br><b>7663.91</b> | Zone Map No.<br><b>C-18/C-19</b> | Drawing No.<br><b>10-2</b> | Sheet<br><b>84</b> | Of<br><b>84</b> |

| SURVEY INFORMATION |                         | BENCH MARKS |                                                                                                                                                                                                  | AS BUILT INFORMATION   |            |
|--------------------|-------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------|
| NO.                | BY                      | DATE        | COORDINATES SHOWN HEREON ARE MODIFIED (SURFACE)                                                                                                                                                  | CONTRACTOR             | DATE       |
| 11599              | Surveying Control, Inc. | 1/2010      | N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334961 around an origin of 0.0. | CONTRACTOR: RMCI, INC. | DATE: 7-14 |
|                    |                         |             | Elevations are NAVD 83, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). N:1254634.40 E:1543081.96                                                  | WORK: SURVEYING        | DATE: 7-14 |
|                    |                         |             |                                                                                                                                                                                                  | DESIGNED BY: DLA       | DATE: 7-14 |
|                    |                         |             |                                                                                                                                                                                                  | DRAWN BY: SEC          | DATE: 7-14 |
|                    |                         |             |                                                                                                                                                                                                  | CHECKED BY: DLA        | DATE: 7-14 |

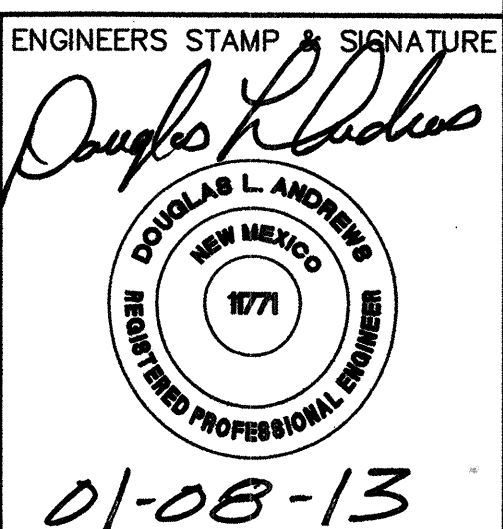
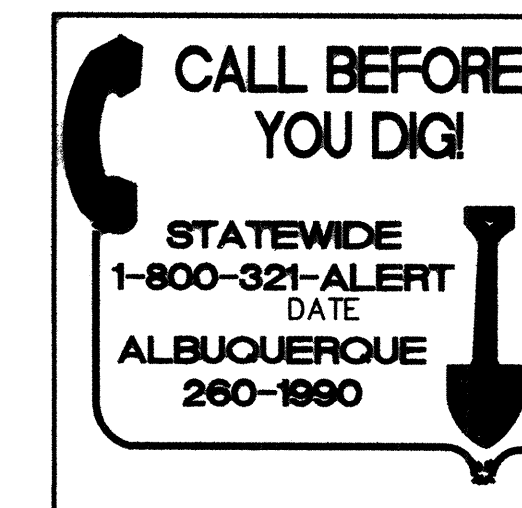




# CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

## PLANS FOR CONSTRUCTION ALAMEDA BLVD. WIDENING ADDITIVE ALTERNATE 1

CITY OF ALBUQUERQUE PROJECT NO. 7663.91



| City Project No. | Zone Map No. | Drawing No. | Sheet | Of |
|------------------|--------------|-------------|-------|----|
| 7663.91          | C-18/C-19    | 1-1         | 1-AA1 | 11 |



Q:\SEC---PROJECTS\2010 Projects\110203 COA Alameda Blvd., Widening\Cadd\Design\Preliminary Design\VDV Preliminary Design\1-2 AA1 INDEX OF SHEETS.dwg

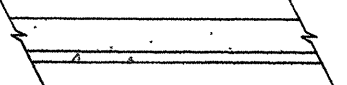
LEGEND (CONTINUED)



NEW OR RELOCATED TRAFFIC SIGN



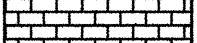
NEW BIKE LANE PAVEMENT MARKING



NEW CONCRETE CURB AND GUTTER



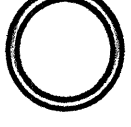
NEW CONCRETE



NEW PATTERNED MEDIAN CONCRETE



EXTENT OF NEW ASPHALT



NEW STORM DRAIN MANHOLE



NEW REINFORCED CONCRETE PIPE (RCP)



WATERLINE RELOCATION

| Alameda Blvd. Widening-Additive Alternate 1 |             |                                                             |
|---------------------------------------------|-------------|-------------------------------------------------------------|
| Sheet No.                                   | Drawing No. | Sheet Title                                                 |
| GENERAL SHEETS                              |             |                                                             |
| 1-AA1                                       | 1-1         | TITLE SHEET & VICINITY MAP                                  |
| 2-AA1                                       | 1-2         | INDEX OF SHEETS                                             |
| REMOVAL SHEETS                              |             |                                                             |
| 3-AA1                                       | 2-1         | OVERALL REMOVAL PLAN                                        |
| 4-AA1                                       | 2-2         | ALAMEDA REMOVAL SHEET - STA 7+00 TO STA 25+00               |
| 5-AA1                                       | 2-3         | ALAMEDA REMOVAL SHEET - STA 25+00 TO STA 43+00              |
| STORM DRAIN SHEETS                          |             |                                                             |
| 6-AA1                                       | 4-1         | OVERALL STORM DRAIN IMPROVEMENT PLAN                        |
| 7-AA1                                       | 4-2         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 7+00 TO STA 16+00  |
| 8-AA1                                       | 4-3         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 16+00 TO STA 25+00 |
| 9-AA1                                       | 4-4         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 25+00 TO STA 34+00 |
| 10-AA1                                      | 4-5         | ALAMEDA STORM DRAIN PLAN AND PROFILE STA 34+00 TO STA 42+50 |
| 11-AA1                                      | 4-6         | LATERALS                                                    |

LEGEND



EXISTING STORM MANHOLE



EXISTING COMMUNICATION MANHOLE



EXISTING COMMUNICATION RISER



EXISTING CATV RISER



EXISTING FIRE HYDRANT



EXISTING WATER VALVE



EXISTING WATER METER



EXISTING PRESSURE INDICATOR POST



EXISTING SANITARY MANHOLE



EXISTING POWER POLE



EXISTING ELECTRIC BOX



EXISTING PULL BOX



EXISTING LIGHT



EXISTING CAMERA



EXISTING SIGN



EXISTING MAILBOX



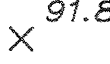
EXISTING TREE



EXISTING SHRUB



EXISTING YUCCA



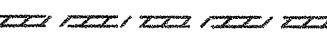
EXISTING SPOT ELEVATION



EXISTING TRAFFIC SIGNAL



EXISTING FENCE



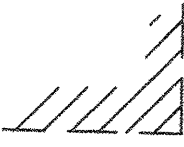
EXISTING BLOCK WALL



EXISTING CONTOUR (INDEX)



EXISTING CHAIN LINK FENCE



EXISTING STRUCTURE OUTLINE



EXISTING RIGHT OF WAY LINE



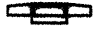
EXISTING PROPERTY LINE



TEMPORARY CONSTRUCTION EASEMENT



CONSTRUCTION CENTER LINE



NEW STORM DRAIN DROP INLET



NEW DBL YELLOW STRIPE PAVEMENT MARKING



STANDARD WHITE STOP BAR PAVEMENT MARKING

SEC JOB # 110203



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CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: ALAMEDA BLVD. WIDENING - ADDITIVE ALTERNATE 1

INDEX OF SHEETS

Design Review Committee

APPROVED

JAN 11 2013

DESIGN REVIEW COMMITTEE

City Engineer Approval

APPROVED

JAN 11 2013

CITY ENGINEER

Last Design Update

|                 |                 |
|-----------------|-----------------|
| No. / Day / Yr. | No. / Day / Yr. |
|                 |                 |
|                 |                 |
|                 |                 |
|                 |                 |

|                  |              |             |       |    |
|------------------|--------------|-------------|-------|----|
| City Project No. | Zone Map No. | Drawing No. | Sheet | Of |
| 7663.91          | C-18/C-19    | 1-2         | 2-AA1 | 11 |

ENGINEERS SEAL

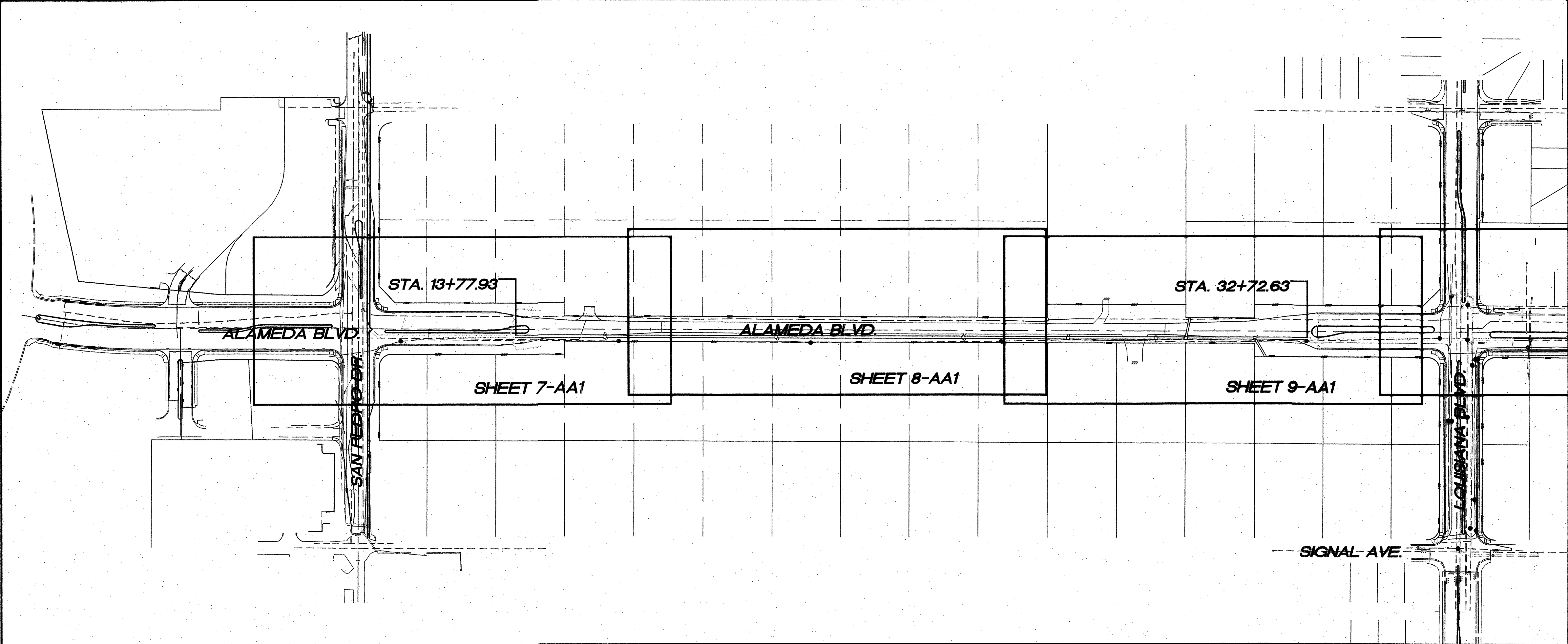
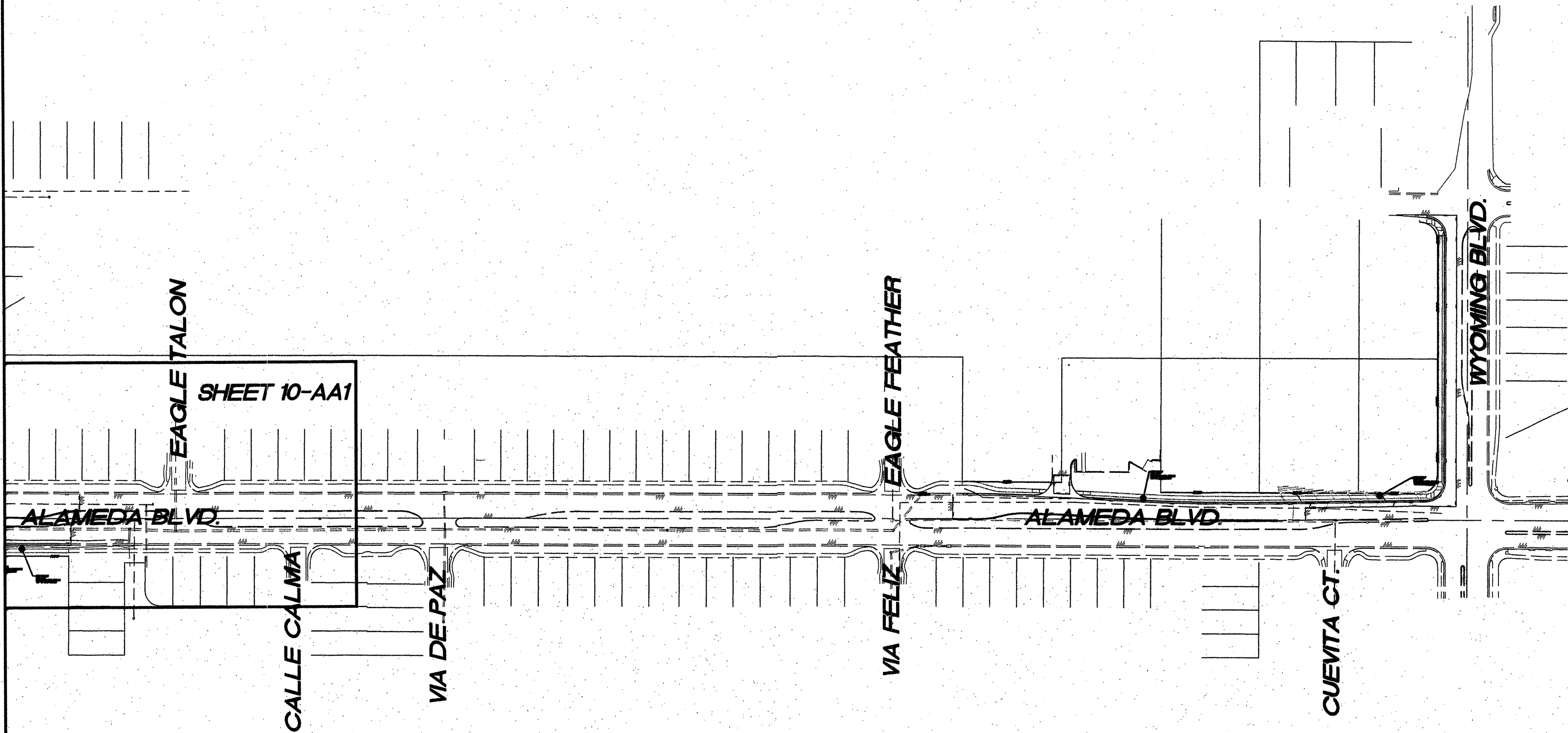
*David L. Andrews*

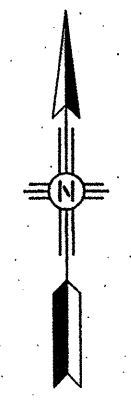
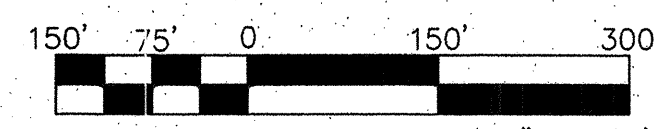
DAVID L. ANDREWS  
NEW MEXICO  
REGISTERED PROFESSIONAL ENGINEER  
1971

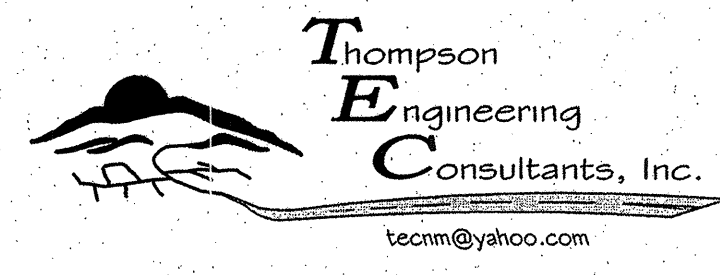
01-08-13

| SURVEY INFORMATION |                                | BENCH MARKS                                                                                                                                                                                                                                      |                                       | AS-BUILT INFORMATION                  |                                                    |
|--------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------------|
| NO.                | DATE                           | Coordinates shown herein are modified (surface) N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project overage combined factor of CF = 1.000334981 around an origin of 0.0. | CONTRACTOR RMC, INC.                  | WORKED BY CARTESIAN SURVEYING, INC.   | DATE 7-14                                          |
| 11599              | Surveying Control, Inc. 1/2010 | Coordinates by the project overage combined factor of CF = 1.000334981 around an origin of 0.0.                                                                                                                                                  | INSPECTOR'S ACCEPTANCE BY COA         | INSPECTOR'S ACCEPTANCE BY COA         | DATE 7-14                                          |
|                    |                                | Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). N:1524634.40 E:1543081.96                                                                                                  | DRAWINGS CORRECTED BY ENGINEERING CO. | DRAWINGS CORRECTED BY ENGINEERING CO. | DATE 7-14                                          |
|                    |                                |                                                                                                                                                                                                                                                  | RECORDED BY                           | RECORDED BY                           | DATE                                               |
|                    |                                |                                                                                                                                                                                                                                                  |                                       |                                       | NO.                                                |
|                    |                                |                                                                                                                                                                                                                                                  |                                       |                                       | The coordinates and elevations are US Survey Feet. |





  
  
SCALE: 1" = 150'

  
thecn@yahoo.com

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE:  
ALAMEDA BLVD. WIDENING  
OVERALL STORM DRAIN IMPROVEMENT PLAN

Design Review Committee  
APPROVE  
JAN 11 2013  
DESIGN REVIEW COMMITTEE

City Engineer Approval  
APPROVE  
JAN 11 2013  
CITY ENGINEER

Last Design Update

City Project No.  
766391

Zone Map No.  
C-18/C-19

Sequence No.  
4-1

Sheet  
6-AA1

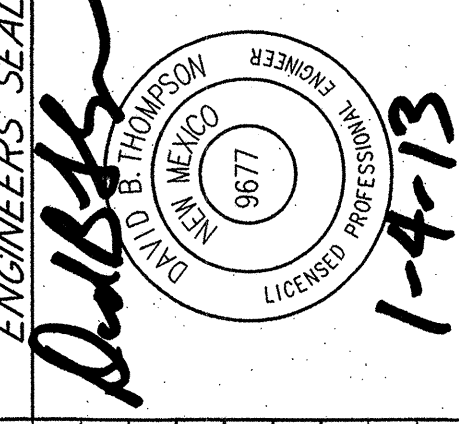
Of  
11

No. / Day / Yr.

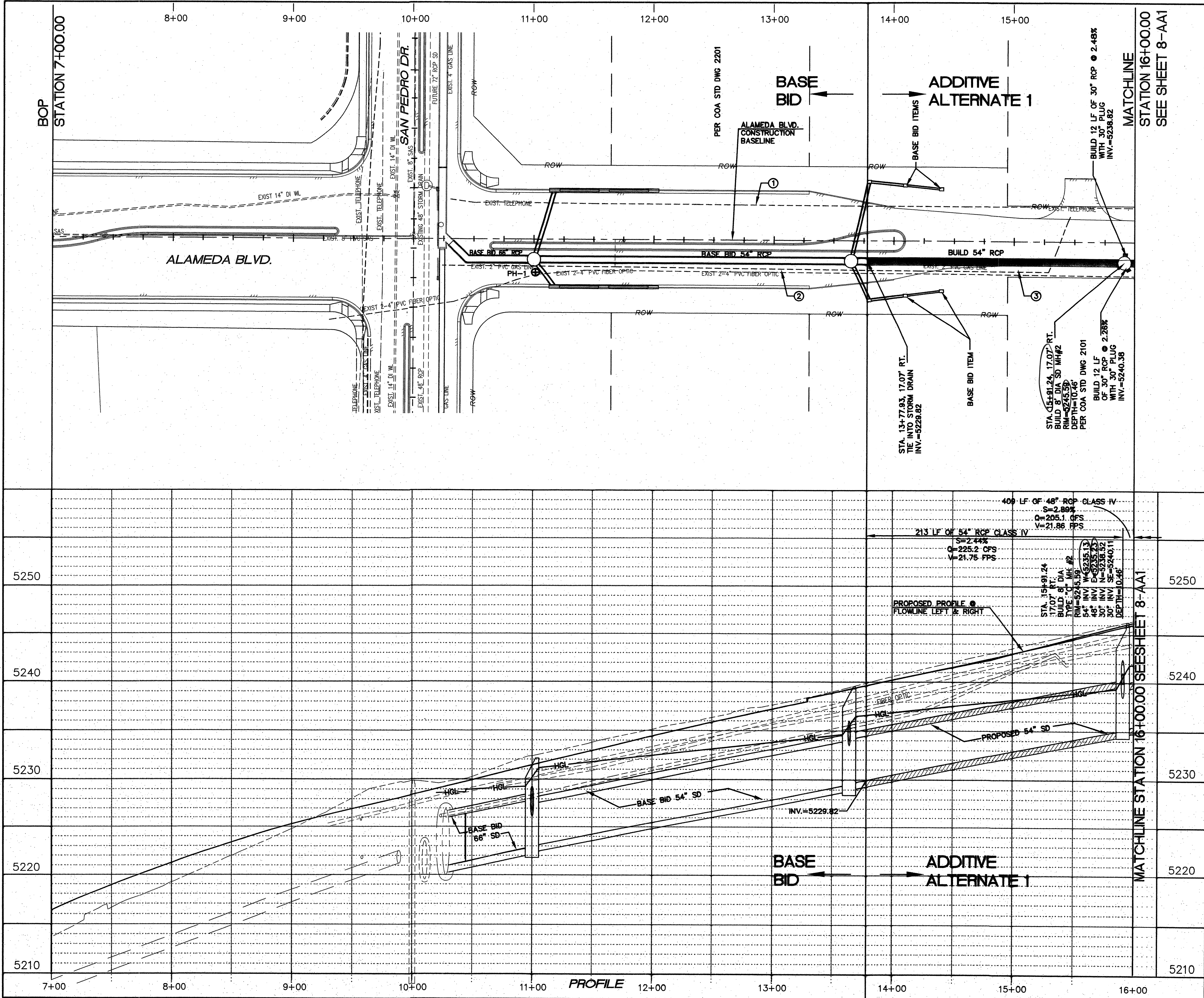
No. / Day / Yr.

DESIGNED BY: DBT  
DRAWN BY: DEM  
CHECKED BY: DBT

REVISIONS  
DESIGN  
DATE: 12-2012  
DATE: 12-2012  
DATE: 12-2012

| ENGINEERS SEAL                                                                                 |  |  | SURVEY INFORMATION |  |  | BENCH MARKS                                                                                                                                                                                                                                                                                                                                                                                                               |  |  | AS-BUILT INFORMATION      |  |  |
|------------------------------------------------------------------------------------------------|--|--|--------------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------------|--|--|
| <br>1-4-13 |  |  | FIELD NOTES        |  |  | Coordinates shown herein are modified (surface) N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334961 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). The coordinates and elevations are US Survey Feet. |  |  | CONTRACTOR                |  |  |
|                                                                                                |  |  | NO.                |  |  | NO.                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | WORKED BY                 |  |  |
|                                                                                                |  |  | BY                 |  |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  | DATE                      |  |  |
|                                                                                                |  |  | 11599              |  |  | SURVEYING CONTROL INC 11-2010                                                                                                                                                                                                                                                                                                                                                                                             |  |  | RNCI, INC.                |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | DATE 7-14                 |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | INSPECTOR'S ACCEPTANCE BY |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | DATE 7-14                 |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | VERIFICATION BY           |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | DATE 7-14                 |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | DRAWINGS CORRECTED BY     |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | ENGINEERING CO. DATE 7-14 |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | MICRO-FILM INFORMATION    |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | RECORDED BY               |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | DATE                      |  |  |
|                                                                                                |  |  |                    |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | NO.                       |  |  |



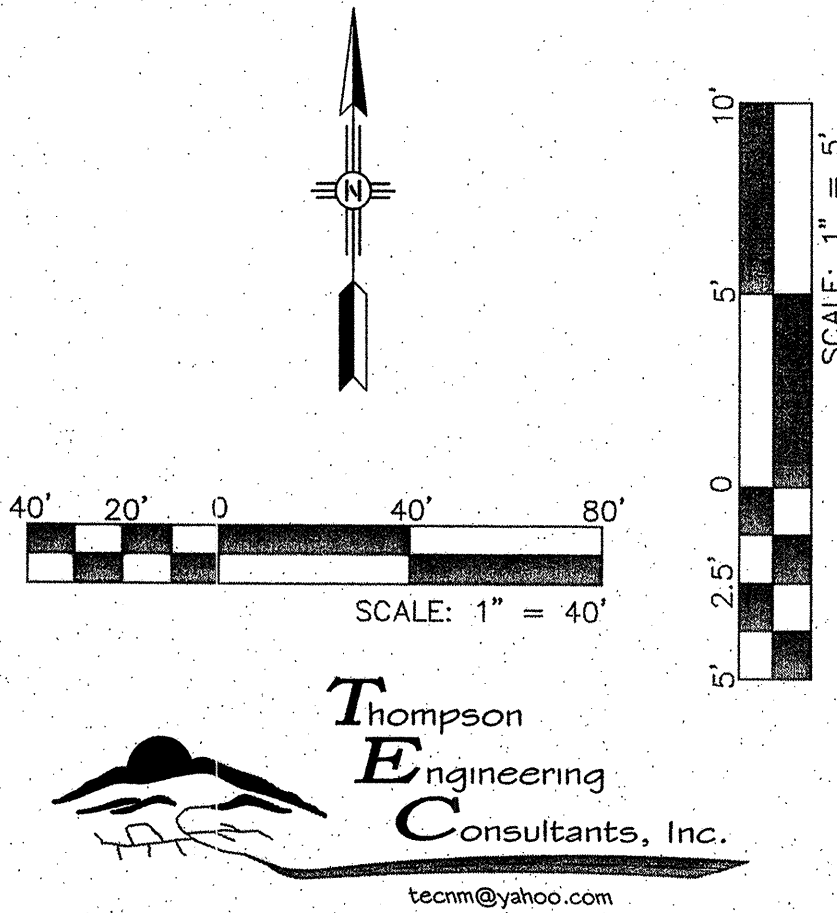


- KEYED NOTES:**
- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
  - ③ EXISTING 2" PVC GAS LINE TO BE RELOCATED BY GAS CO. OF N.M.

| POT-HOLE INFORMATION |                      |             |          |
|----------------------|----------------------|-------------|----------|
| NO.                  | ELEV. AT TOP OF PIPE | DESCRIPTION |          |
|                      |                      | UTILITY     | MATERIAL |
| PH-1                 | 5230.33              | FIBER OPT.  | PVC      |
|                      |                      |             | 2-4"     |

**Certification**  
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

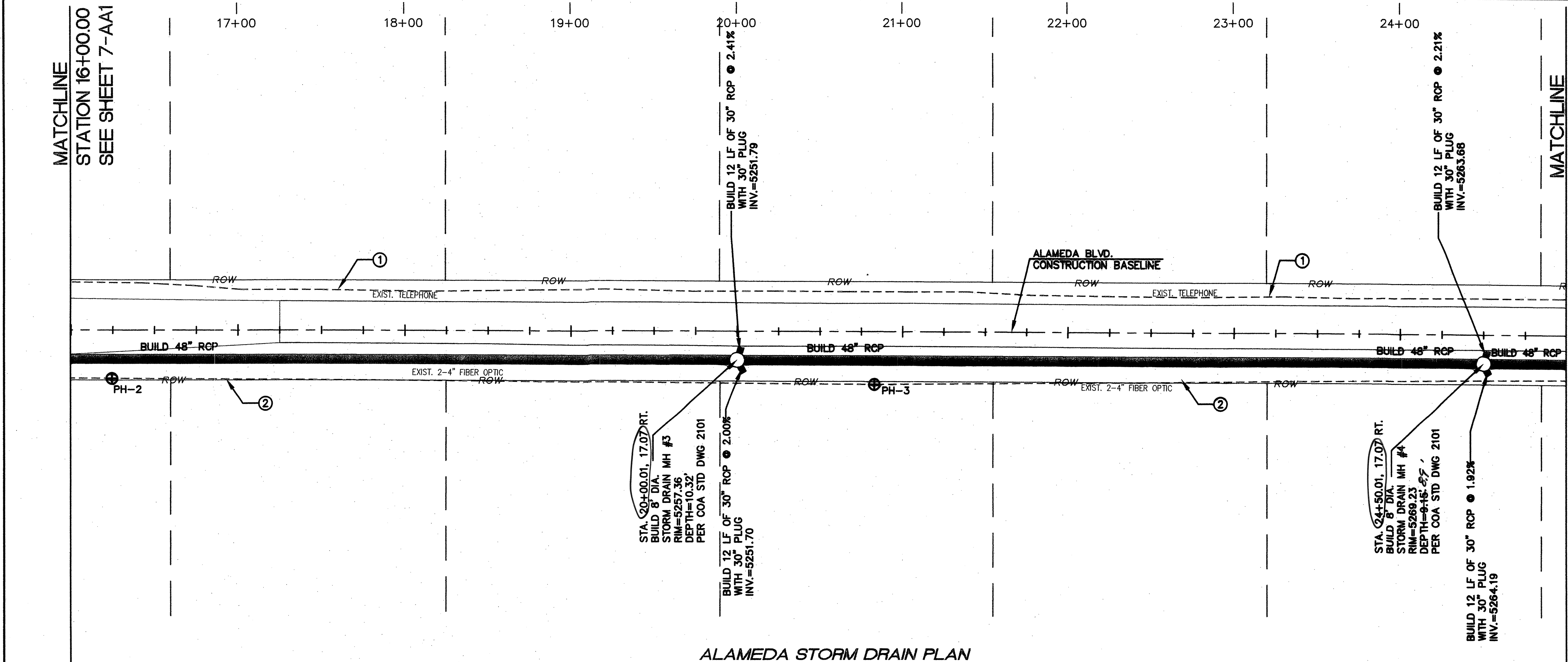
**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.



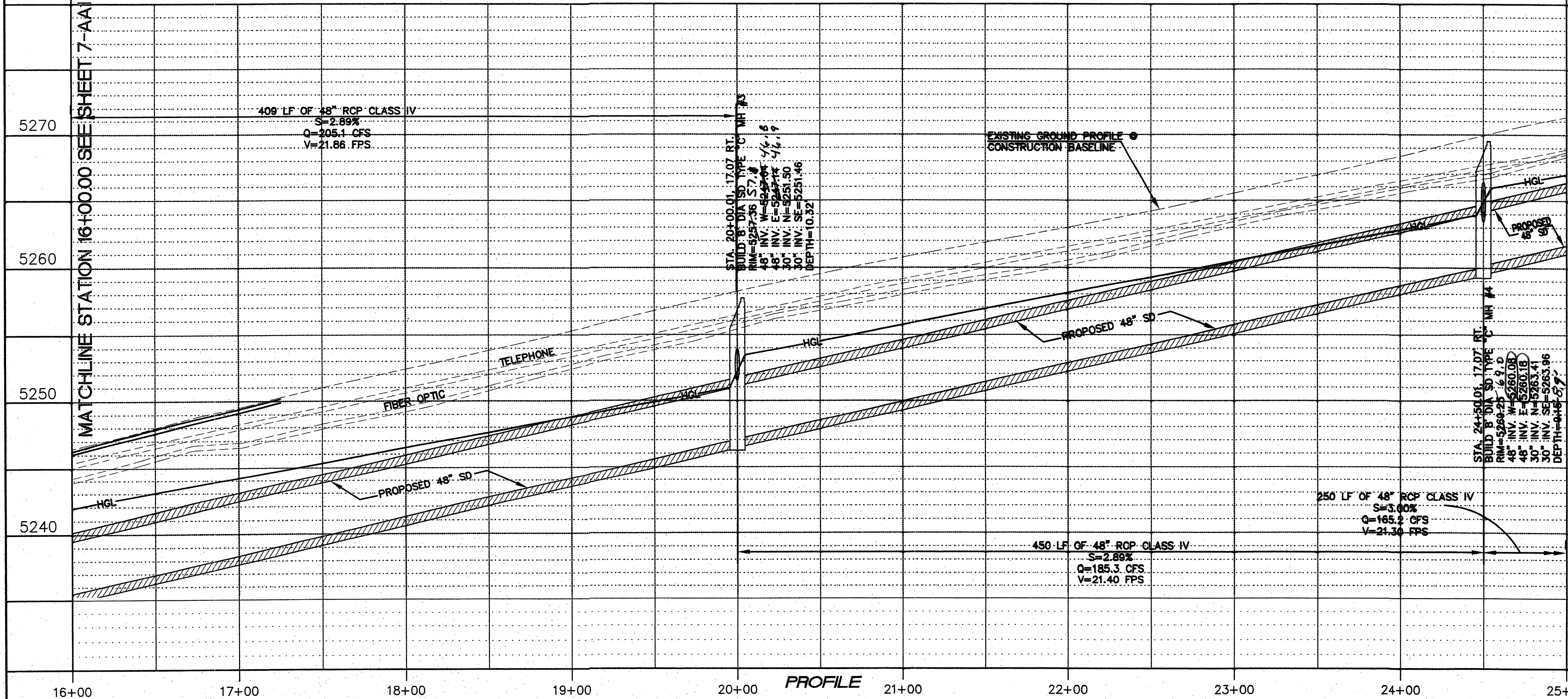
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|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------|---------------------------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION   |                                                                           |                            |                                       |
| TITLE: <b>ALAMEDA BLVD. WIDENING</b>                                                 |                                                                           |                            |                                       |
| ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 7+00.00 TO STA. 16+00                      |                                                                           |                            |                                       |
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | Last Design Update         |                                       |
| City Project No.<br><b>766391</b>                                                    | Zone Map No.<br><b>C-18/C-19</b>                                          | Sequence No.<br><b>4-2</b> | Sheet<br><b>7-AA1</b> Of<br><b>11</b> |

| SURVEY INFORMATION |                         | BENCH MARKS |                                                                                                                                                                                                                                                                                                                        | AS BUILT INFORMATION |           |
|--------------------|-------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
| NO.                | BY                      | DATE        | CONTRACTOR                                                                                                                                                                                                                                                                                                             | NO.                  | DATE      |
| 11599              | SURVEYING CONTROL, INC. | 11-2010     | N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334961 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). | CONTRACTOR           | DATE      |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | RWCL, INC.           | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | STAKED BY            | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | INSPECTOR'S          | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | FILED BY             | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | VERIFICATION BY      | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | SMITH                | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | ENGINEERING CO.      | DATE 7-14 |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | RECORDED BY          | DATE      |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        | NO.                  | DATE      |
|                    |                         |             |                                                                                                                                                                                                                                                                                                                        |                      |           |





ALAMEDA STORM DRAIN PLAN



PROFILE

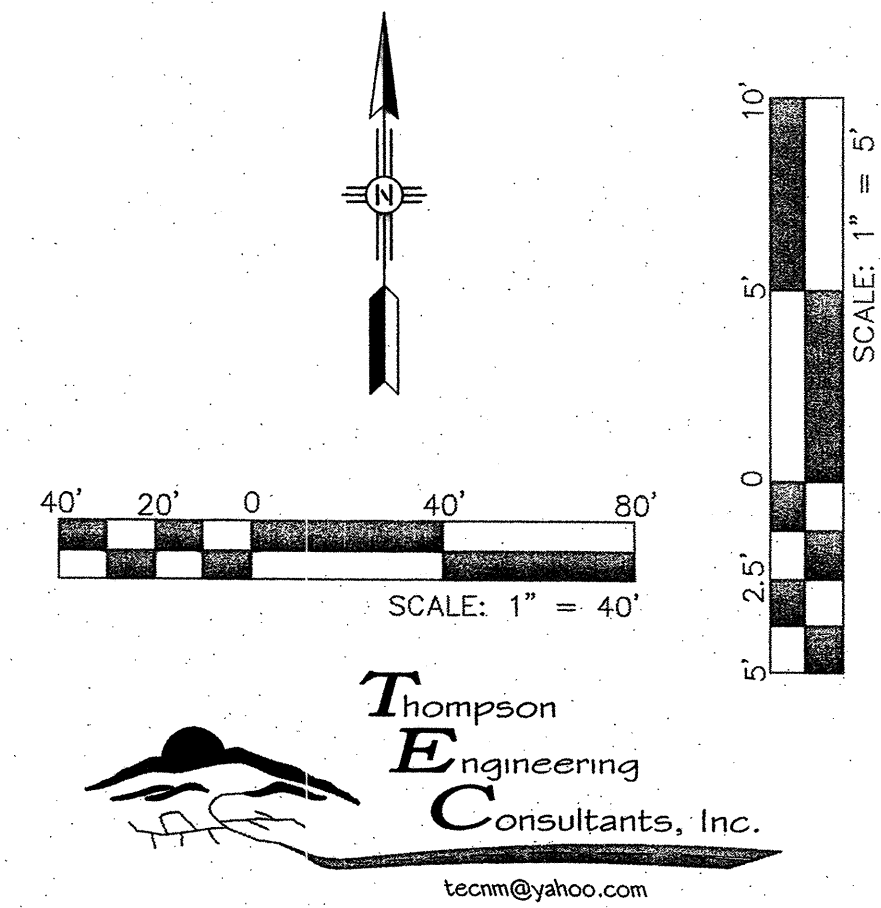
- KEYED NOTES:**
- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.

| POT-HOLE INFORMATION |                      |           |             |
|----------------------|----------------------|-----------|-------------|
| NO.                  | ELEV. AT TOP OF PIPE | UTILITY   | DESCRIPTION |
| PH-2                 | 5245.79              | FIBER OPT | PVC 2-4"    |
| PH-3                 | 5258.36              | FIBER OPT | PVC 2-4"    |

**Certification**  
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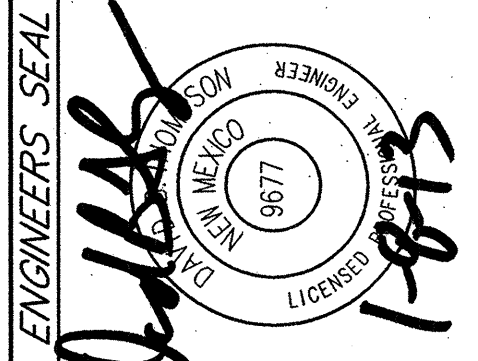
*B. J. M.*

**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.



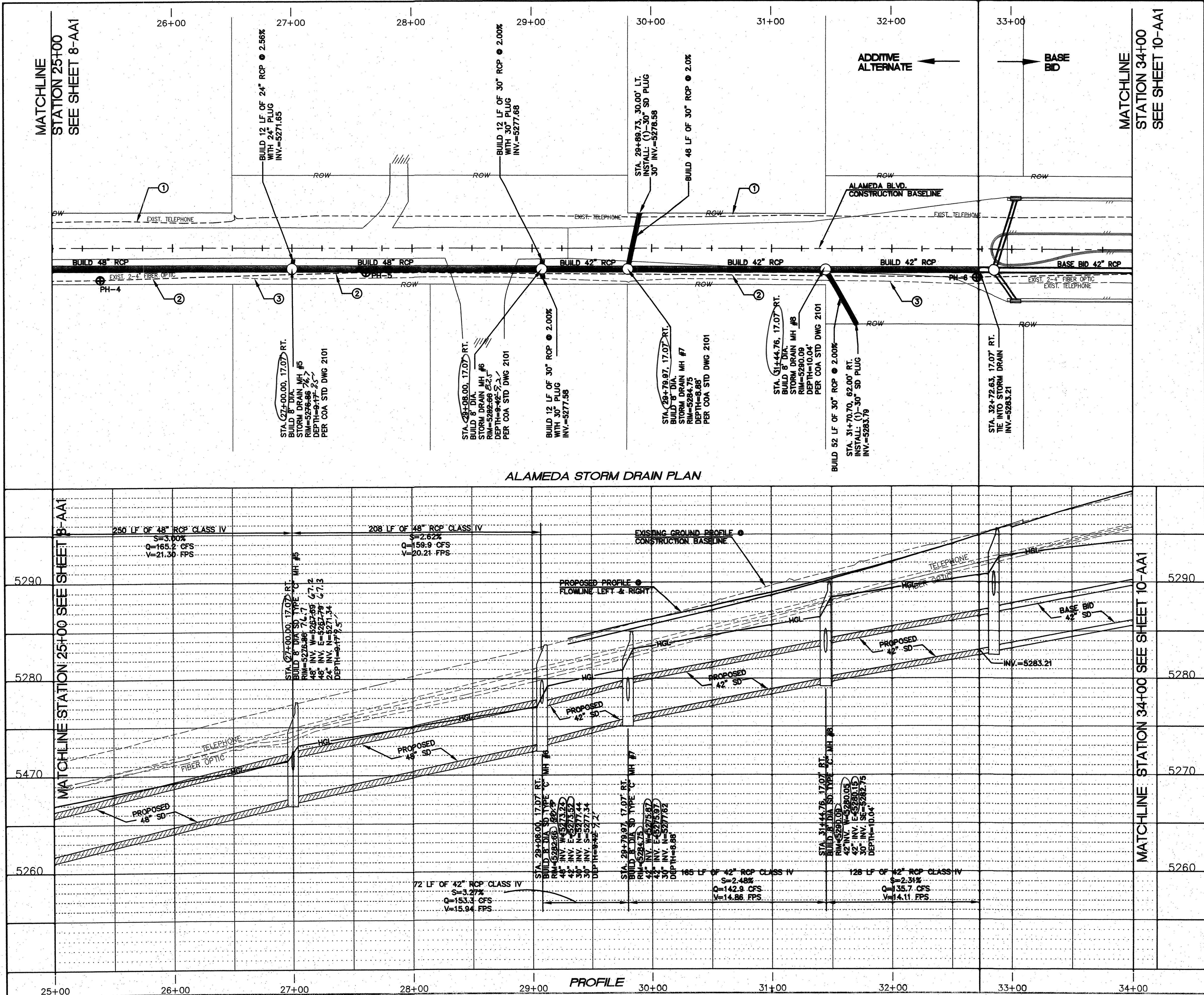
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|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------|-----------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION                     |                                                                           |                            |                       |
| TITLE: <b>ALAMEDA BLVD. WIDENING<br/>ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 16+00 TO STA. 25+00</b> |                                                                           |                            |                       |
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE                   | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | Last Design Update         |                       |
| City Project No.<br><b>766391</b>                                                                      | Zone Map No.<br><b>C-18/C-19</b>                                          | Sequence No.<br><b>4-3</b> | Sheet<br><b>8-AA1</b> |
|                                                                                                        |                                                                           |                            | Of<br><b>11</b>       |

| SURVEY INFORMATION |                        | BENCH MARKS |                                                    | AS BUILT INFORMATION |           |
|--------------------|------------------------|-------------|----------------------------------------------------|----------------------|-----------|
| NO.                | BY                     | DATE        | CONTRACTOR                                         | NO.                  | DATE      |
| 11599              | SURVEYING CONTROL INC. | 11-2010     | RNCL, INC.                                         | DATE 7-14            | DATE 7-14 |
|                    |                        |             | INSPECTED BY                                       | DATE 7-14            | DATE 7-14 |
|                    |                        |             | ADJUSTED BY                                        | DATE 7-14            | DATE 7-14 |
|                    |                        |             | VERIFICATION BY                                    | DATE 7-14            | DATE 7-14 |
|                    |                        |             | SMITH                                              | DATE 7-14            | DATE 7-14 |
|                    |                        |             | BY ENGINEERING CO.                                 | DATE 7-14            | DATE 7-14 |
|                    |                        |             | on origin of D.O. Elevations are NAVD 88, and      |                      |           |
|                    |                        |             | one adjusted to the NGS Control Station "10-C18,   |                      |           |
|                    |                        |             | 1985" (published elevation = 5222.090').           |                      |           |
|                    |                        |             | The coordinates and elevations are US Survey Feet. |                      |           |



| NO.         | DATE | REVISIONS | BY      |
|-------------|------|-----------|---------|
|             |      | DESIGN    |         |
| DESIGNED BY | DBT  | DATE      | 12-2012 |
| DRAWN BY    | DEM  | DATE      | 12-2012 |
| CHECKED BY  | DBT  | DATE      | 12-2012 |





**KEY NOTES:**

- EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
- EXISTING TELEPHONE LINE TO BE RELOCATED BY CENTURYLINK.

**POT-HOLE INFORMATION**

| NO.  | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|------|----------------------|-------------|----------|----------|
|      |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-4 | 5269.52              | FIBER OPT   | PVC      | 2-4"     |
| PH-5 | 5276.51              | FIBER OPT   | PVC      | 2-4"     |
| PH-6 | 5291.51              | FIBER OPT   | PVC      | 2-4"     |

**CERTIFICATION**

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*Br J M*

**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

**ENGINEERS SEAL**

*Br J M*

**REVISIONS**

| NO. | DATE    | REMARKS |
|-----|---------|---------|
| 1   | 12-2012 | DESIGN  |
| 2   | 12-2012 | DESIGN  |
| 3   | 12-2012 | DESIGN  |

**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**TITLE:**  
ALAMEDA BLVD. WIDENING

**ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 25+00 TO STA. 34+00**

Design Review Committee

**APPROVED**  
JAN 11 2013  
DESIGN REVIEW COMMITTEE

City Engineer Approval

**APPROVED**  
JAN 11 2013  
CITY ENGINEER

City Project No. 7663.91

Zone Map No. C-18/C-19

Sequence No. 4-4

Sheet 9-AA1

Of 11



KEYED NOTES:

- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.

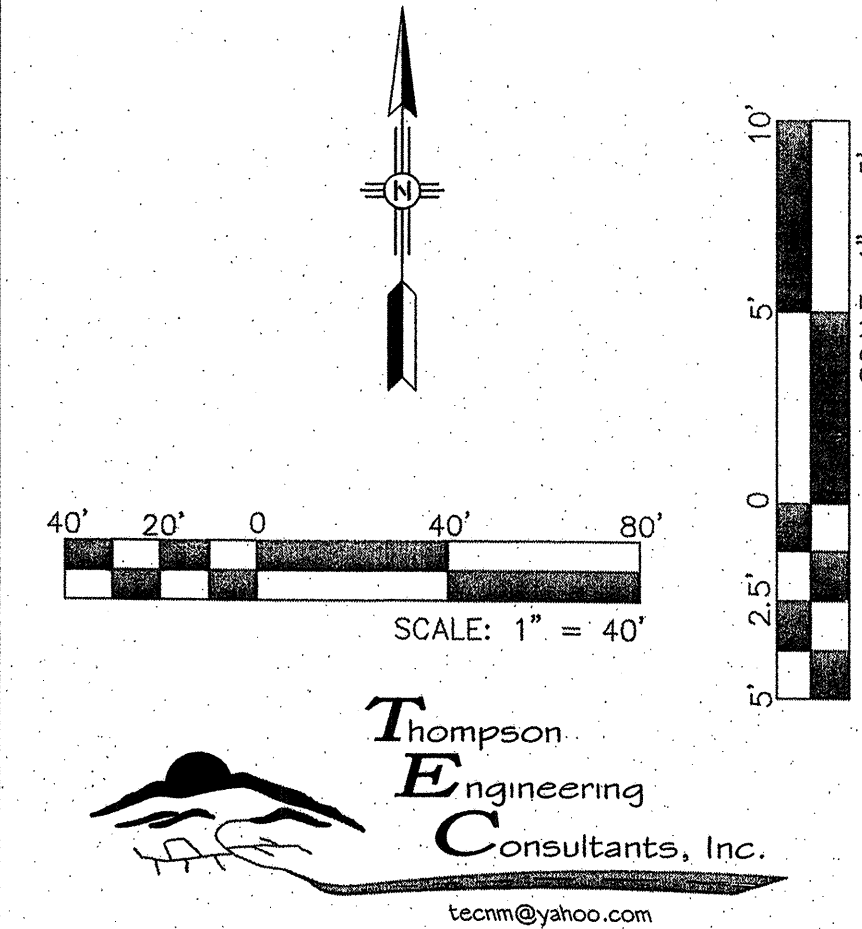
POT-HOLE INFORMATION

| NO.   | ELEV. AT TOP OF PIPE | UTILITY             | MATERIAL | DIAMETER |
|-------|----------------------|---------------------|----------|----------|
| PH-7  | 5301.36              | FIBER OPT           | PVC      | 2-4"     |
| PH-8  | 5306.79              | TELEPHONE           | PVC      | 4"       |
| PH-11 | 5302.64              | TELEPHONE           | PVC      | 3-3"     |
| PH-16 | 5303.11              | GAS                 | PVC      | 4"       |
| PH-17 | 5304.56              | TELEPHONE           | PVC      | 0.20'    |
| PH-18 | 5304.71              | TELEPHONE           | PVC      | 0.10'    |
| PH-19 | 5222.354             | GAS                 | PVC      | 4"       |
| PH-20 | 5296.19              | GAS                 | STEEL    | 16"      |
| PH-E  | 5311.23              | GAS                 | PE       | 0.18'    |
| PH-K  | 5302.12              | WATER               | IRON     | 16"      |
| PH-L  | 5301.20              | GAS                 | STEEL    | 14"      |
| PH-M  | 5308.96              | ELECTRIC            | PVC      | 4"       |
| PH-M1 | 5304.48              | TELEPHONE           | CABLE    | 0.18'    |
| PH-M2 | 5305.21              | GAS                 | PE       | 0.18'    |
| PH-N  | 5302.55              | ELECTRIC (2) CABLES |          | 0.18'    |

**Certification**  
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*B. J. [Signature]*

**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.

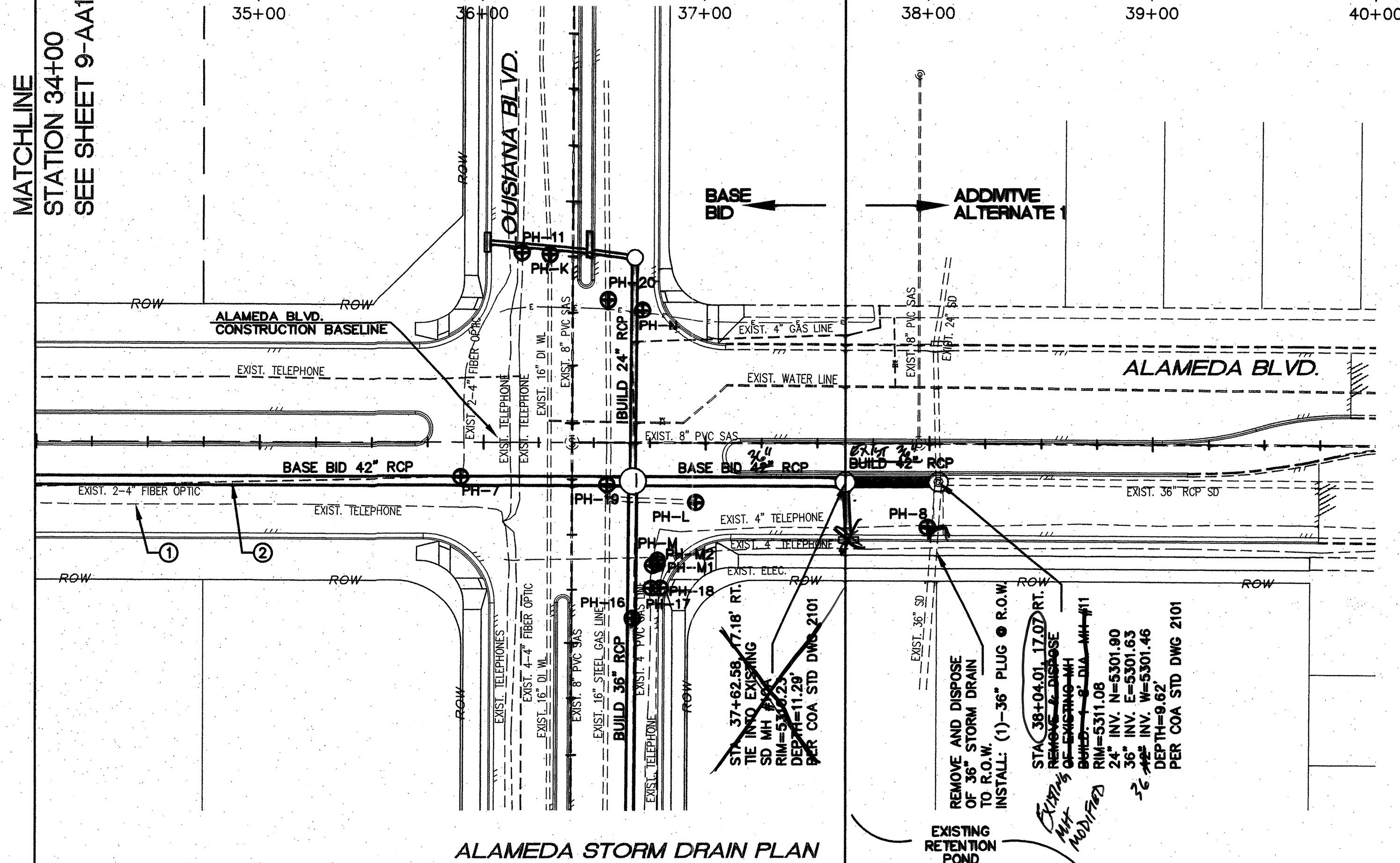


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **ALAMEDA BLVD. WIDENING**  
**ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 34+00 TO STA. 40+00**

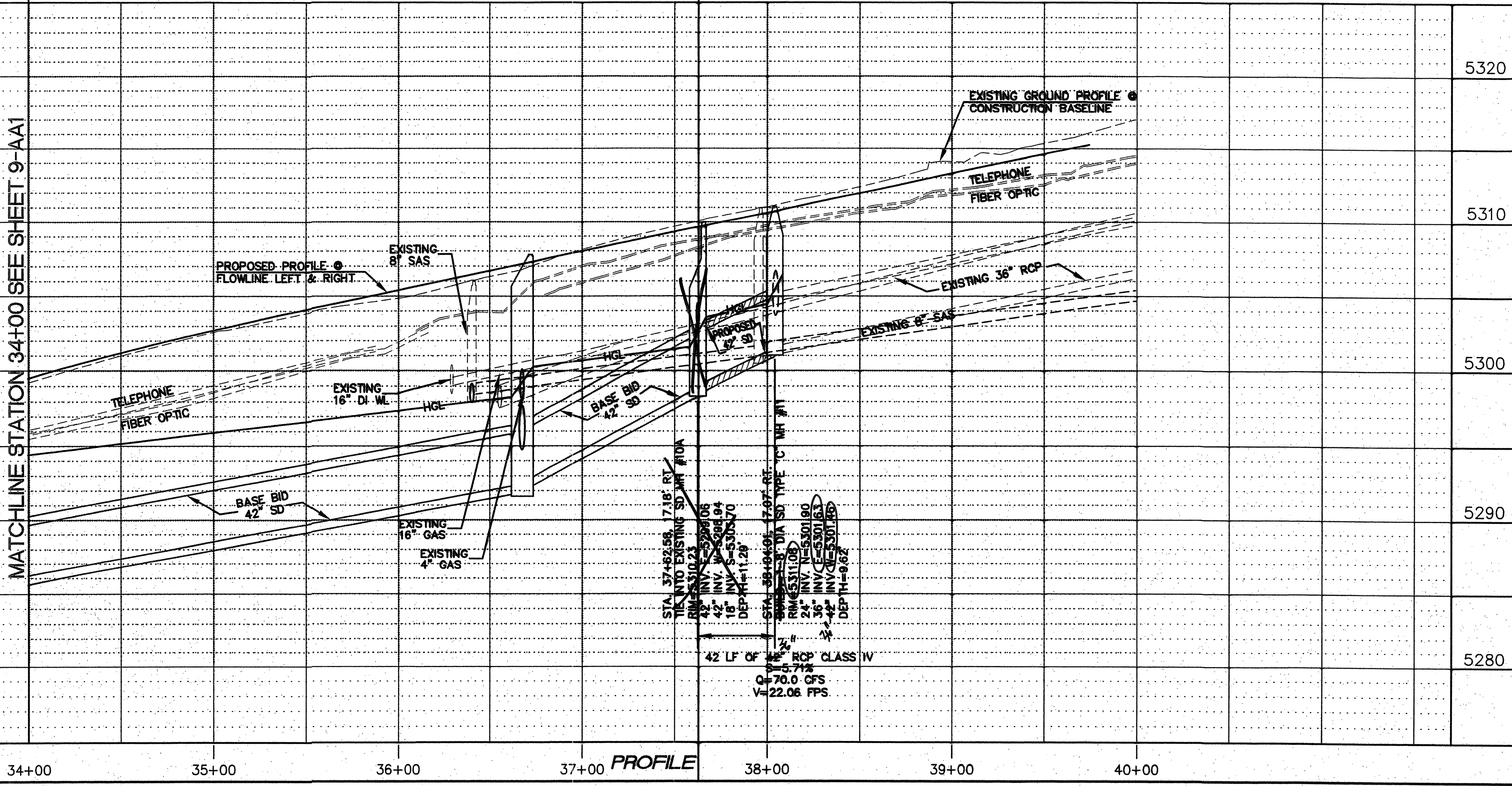
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|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|---------------------|
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.<br> | No. / Day / Yr.<br> |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|---------------------|

City Project No. **7663.91** Zone Map No. **C-18/C-19** Sequence No. **4-5** Sheet **10-AA1** Of **11**



ALAMEDA STORM DRAIN PLAN

MATCHLINE STATION 34+00 SEE SHEET 9-AA1

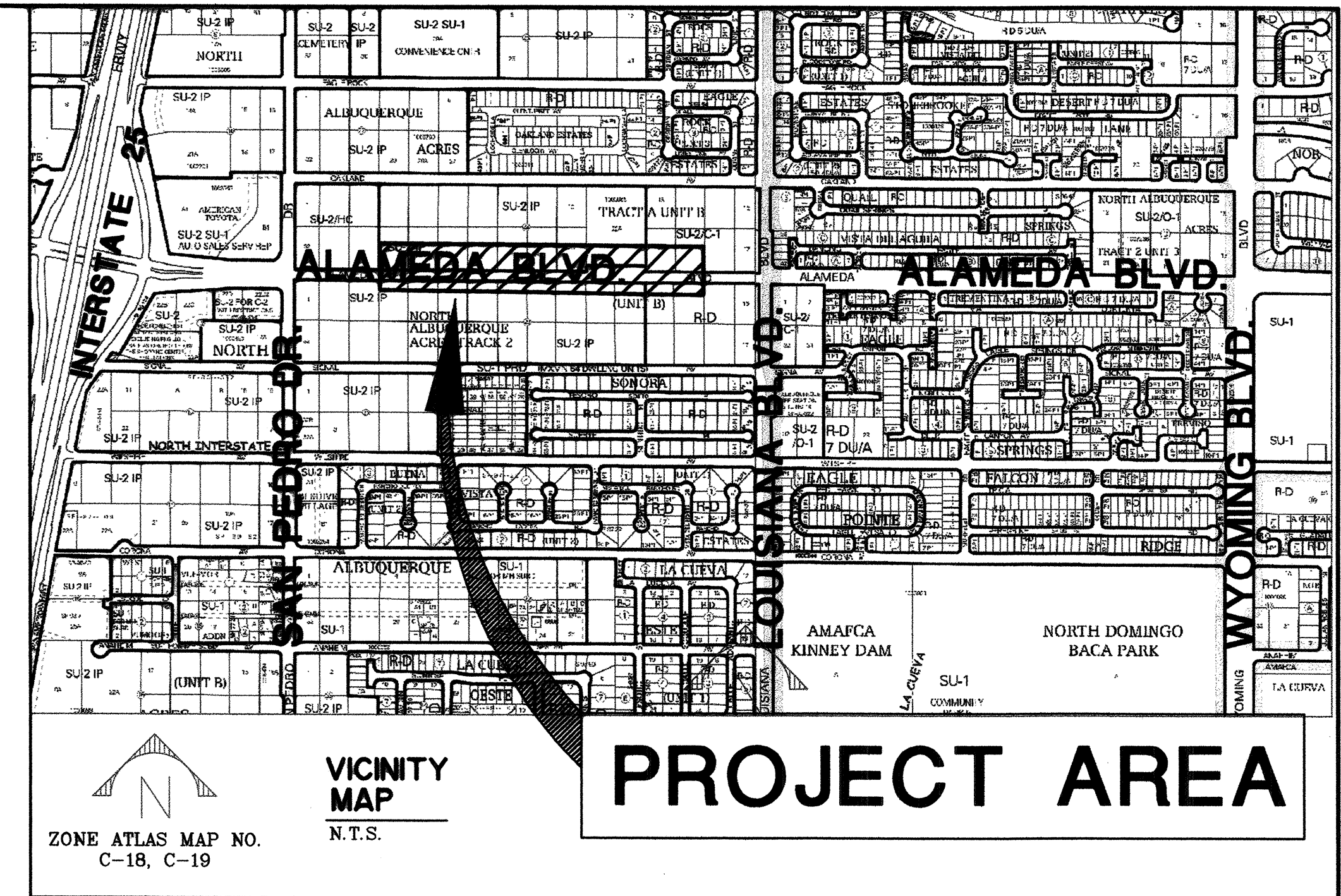
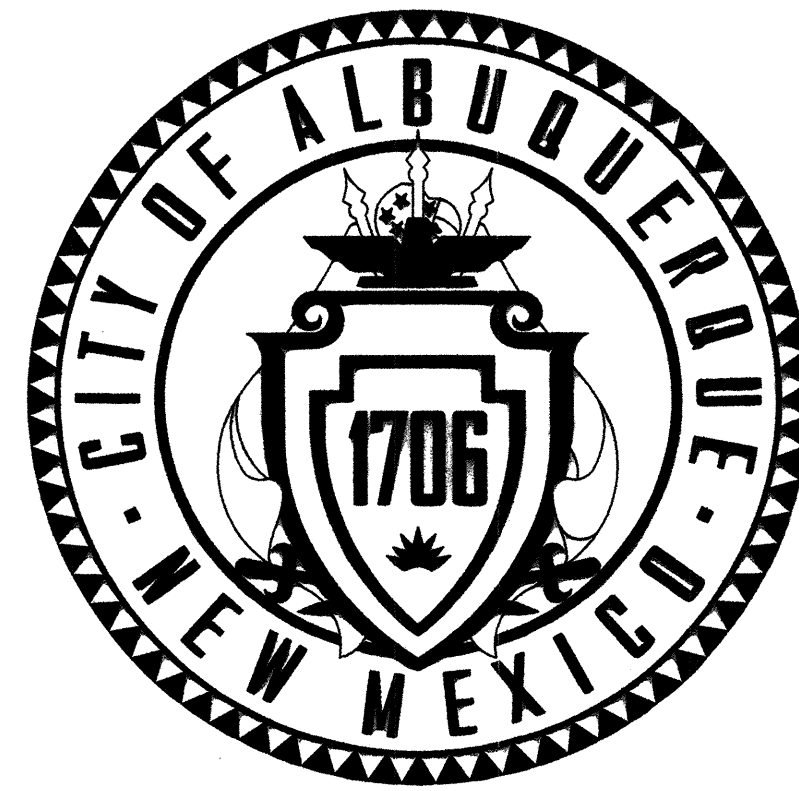


PROFILE





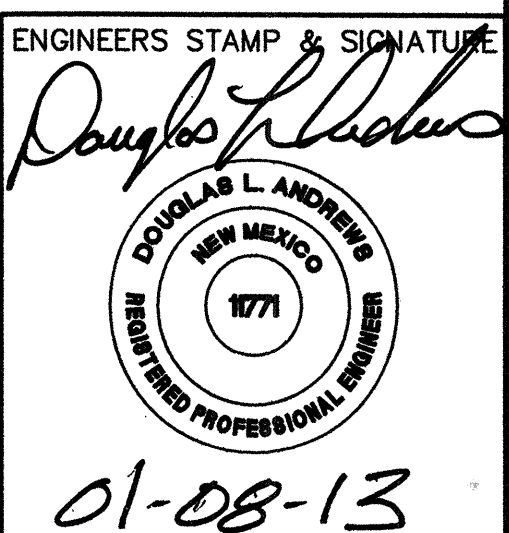




# CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

## PLANS FOR CONSTRUCTION ALAMEDA BLVD. WIDENING ADDITIVE ALTERNATE 2

CITY OF ALBUQUERQUE PROJECT NO. 7663.91



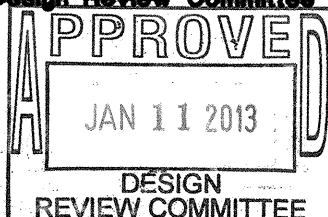
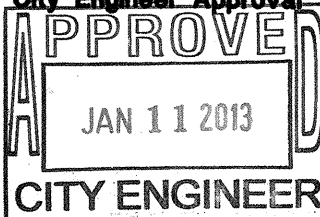
| City Project No. | Zone Map No. | Drawing No. | Sheet | Of |
|------------------|--------------|-------------|-------|----|
| 7663.91          | C-18/C-19    | 1-1         | 1-AA2 | 25 |



### LEGEND

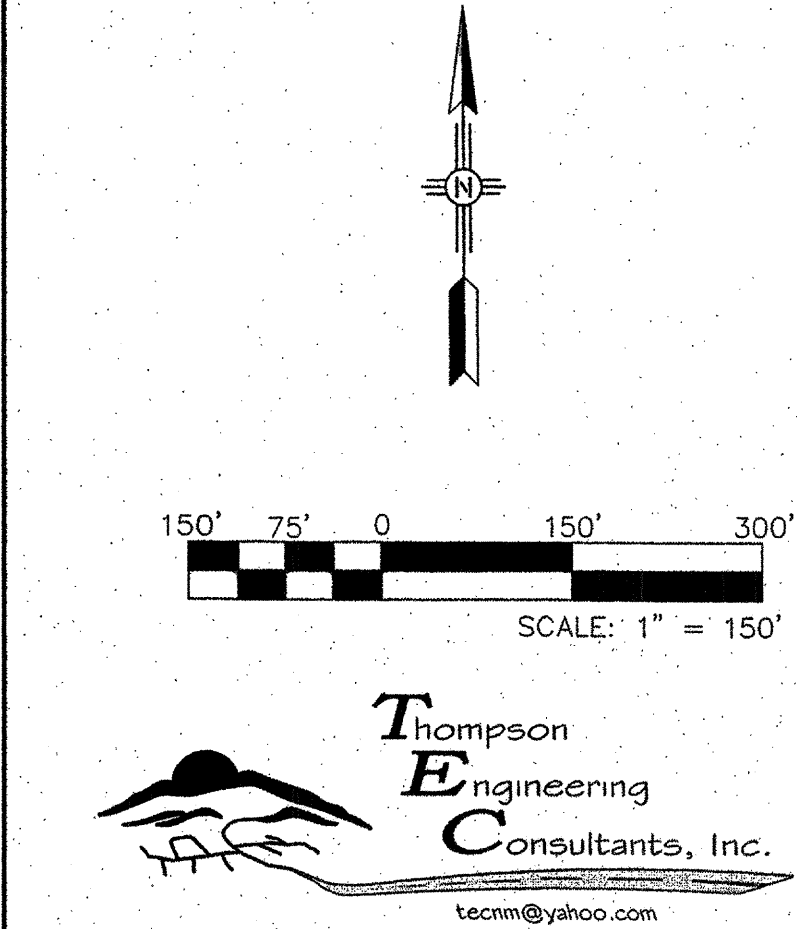
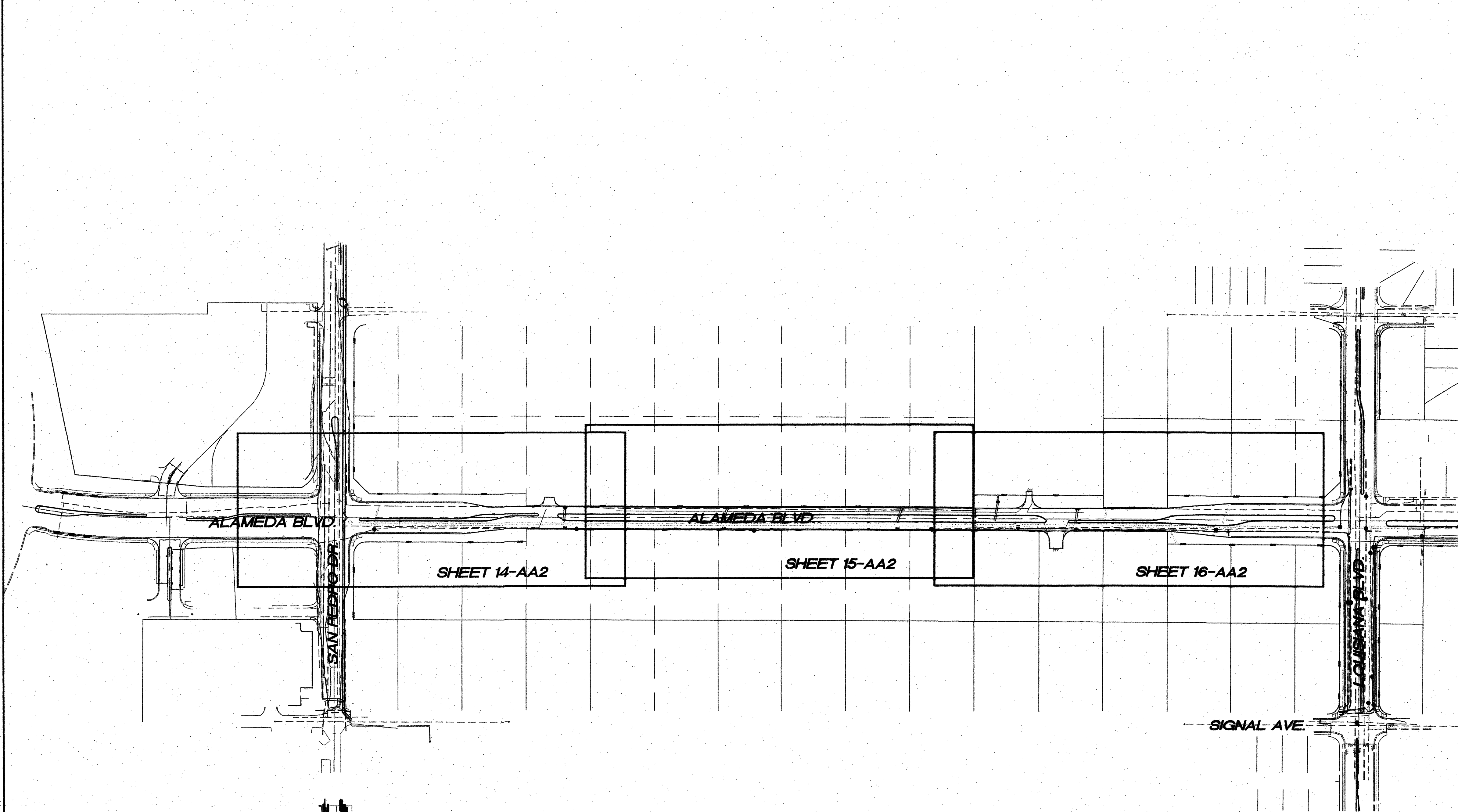
|  |                                          |
|--|------------------------------------------|
|  | EXISTING STORM MANHOLE                   |
|  | EXISTING COMMUNICATION MANHOLE           |
|  | EXISTING COMMUNICATION RISER             |
|  | EXISTING CATV RISER                      |
|  | EXISTING FIRE HYDRANT                    |
|  | EXISTING WATER VALVE                     |
|  | EXISTING WATER METER                     |
|  | EXISTING PRESSURE INDICATOR POST         |
|  | EXISTING SANITARY MANHOLE                |
|  | EXISTING POWER POLE                      |
|  | EXISTING ELECTRIC BOX                    |
|  | EXISTING PULL BOX                        |
|  | EXISTING LIGHT                           |
|  | EXISTING CAMERA                          |
|  | EXISTING SIGN                            |
|  | EXISTING MAILBOX                         |
|  | EXISTING TREE                            |
|  | EXISTING SHRUB                           |
|  | EXISTING YUCCA                           |
|  | EXISTING SPOT ELEVATION                  |
|  | EXISTING TRAFFIC SIGNAL                  |
|  | EXISTING FENCE                           |
|  | EXISTING BLOCK WALL                      |
|  | EXISTING CONTOUR (INDEX)                 |
|  | EXISTING CHAIN LINK FENCE                |
|  | EXISTING STRUCTURE OUTLINE               |
|  | EXISTING RIGHT OF WAY LINE               |
|  | EXISTING PROPERTY LINE                   |
|  | TEMPORARY CONSTRUCTION EASEMENT          |
|  | CONSTRUCTION CENTER LINE                 |
|  | NEW STORM DRAIN DROP INLET               |
|  | NEW DBL YELLOW STRIPE PAVEMENT MARKING   |
|  | STANDARD WHITE STOP BAR PAVEMENT MARKING |

[illegible]

|                                                                                                                  |                                                                                                                 |                           |                       |                 |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|-----------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION                               |                                                                                                                 |                           |                       |                 |
| TITLE: ALAMEDA BLVD. WIDENING - ADDITIVE ALTERNATE 2                                                             |                                                                                                                 |                           |                       |                 |
| INDEX OF SHEETS                                                                                                  |                                                                                                                 |                           |                       |                 |
| Design Review Committee<br> | City Engineer Approval<br> | Last Design Update        | Mo. / Day / Yr.       | Mo. / Day / Yr. |
|                                                                                                                  |                                                                                                                 |                           |                       |                 |
|                                                                                                                  |                                                                                                                 |                           |                       |                 |
|                                                                                                                  |                                                                                                                 |                           |                       |                 |
|                                                                                                                  |                                                                                                                 |                           |                       |                 |
| City Project No.<br><b>7663.91</b>                                                                               | Zone Map No.<br><b>C-18/C-19</b>                                                                                | Drawing No.<br><b>1-2</b> | Sheet<br><b>2-AA2</b> | Of<br><b>25</b> |



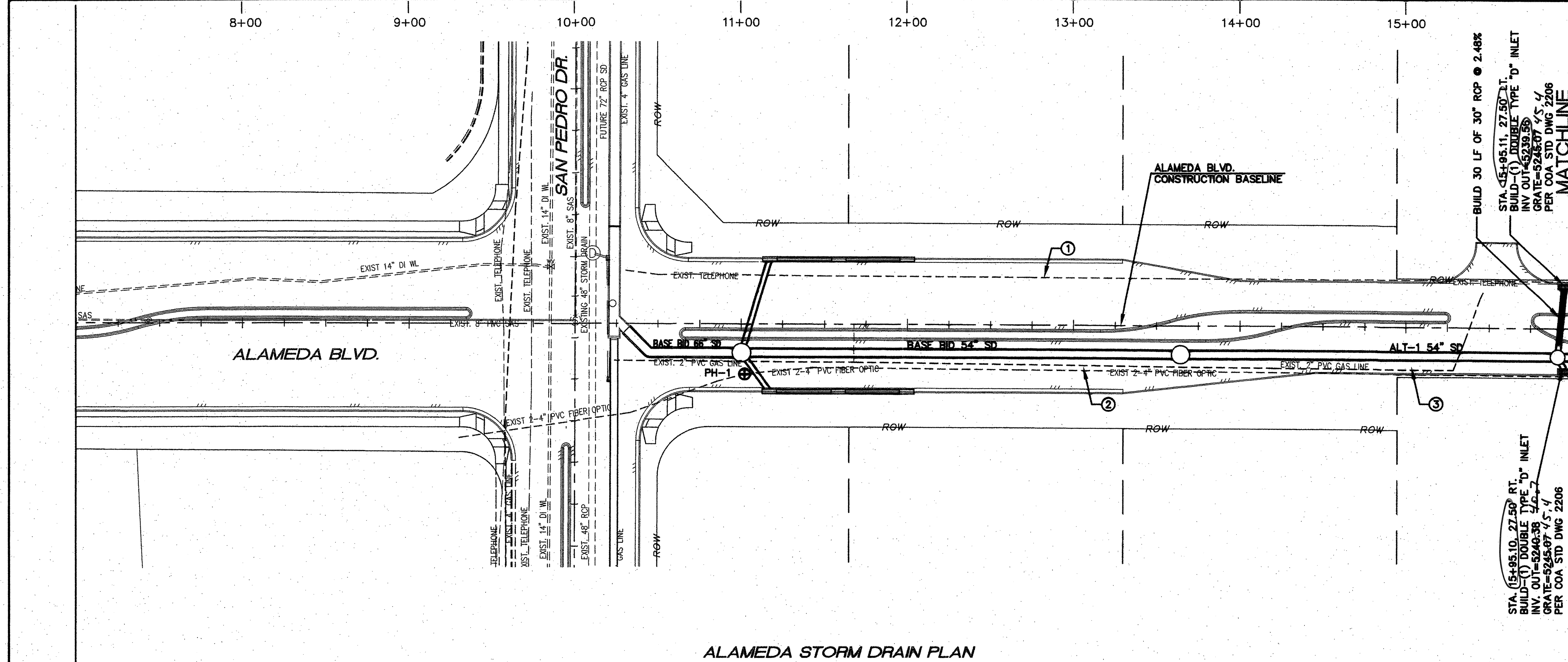
Y:\PROJECTS\CoA Alameda\ALTERNATE-BASES\ALTERNATIVE-2\4-1 OVERALL ROADWAY PLAN.dwg



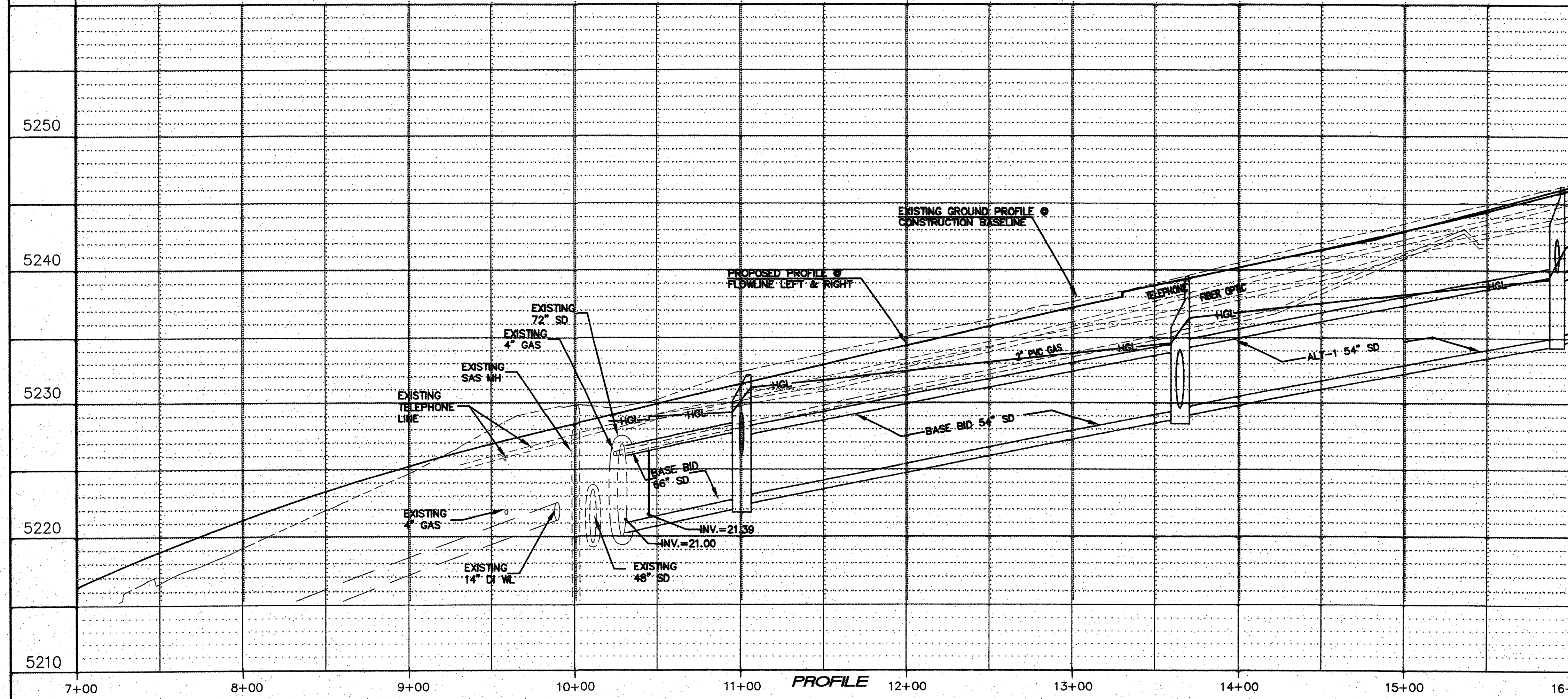
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|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION   |                                                                           |                                                                                                                                                         |                                        |  |  |  |  |  |  |  |  |  |
| TITLE: <b>ALAMEDA BLVD. WIDENING</b><br><b>OVERALL STORM DRAIN IMPROVEMENT PLAN</b>  |                                                                           |                                                                                                                                                         |                                        |  |  |  |  |  |  |  |  |  |
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.<br><table><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> |                                        |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                           |                                                                                                                                                         |                                        |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                           |                                                                                                                                                         |                                        |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                           |                                                                                                                                                         |                                        |  |  |  |  |  |  |  |  |  |
| City Project No.<br><b>7663.91</b>                                                   | Zone Map No.<br><b>C-18/C-19</b>                                          | Sequence No.<br><b>4-1</b>                                                                                                                              | Sheet<br><b>13-AA2</b> Of<br><b>25</b> |  |  |  |  |  |  |  |  |  |

| ENGINEERS SEAL                                                                                      |             | SURVEY INFORMATION             |                                                    | BENCH MARKS            |                              | AS BUILT INFORMATION |  |
|-----------------------------------------------------------------------------------------------------|-------------|--------------------------------|----------------------------------------------------|------------------------|------------------------------|----------------------|--|
| <br><b>14-13</b> | FIELD NOTES |                                | Coordinates shown herein are modified (surface)    |                        | CONTRACTOR                   |                      |  |
|                                                                                                     | NO.         | DATE                           | N.M. State Plane Coordinates – Central Zone,       |                        | RMCI, INC.                   |                      |  |
|                                                                                                     | 11599       | SURVEYING CONTROL INC. 11-2010 | NAD 83 and were derived by scaling State           |                        | WORKED BY                    |                      |  |
|                                                                                                     |             |                                | Plane grid coordinates by the project average      |                        | INSPECTOR'S                  |                      |  |
|                                                                                                     |             |                                | combined factor of CF = 1.000334961 around         |                        | ACCEPTANCE BY                |                      |  |
|                                                                                                     |             |                                | an origin of 0.0. Elevations are NAVD 88, and      |                        | DATE 7-14                    |                      |  |
|                                                                                                     |             |                                | are adjusted to the NGS Control Station "10-C18,   |                        | DATE 7-14                    |                      |  |
|                                                                                                     |             |                                | 1985" (published elevation = 5222.090').           |                        | DRAWINGS                     |                      |  |
|                                                                                                     |             |                                | The coordinates and elevations are US Survey Feet. |                        | CORRECTED BY ENGINEERING CO. |                      |  |
| REVISIONS                                                                                           |             | NO.                            |                                                    | MICRO-FILM INFORMATION |                              |                      |  |
| DESIGN                                                                                              |             | DATE                           |                                                    | RECORDED BY            |                              |                      |  |
| DESIGNED BY                                                                                         | DBT         | DATE                           | 12-2012                                            | NO.                    |                              |                      |  |
| DRAWN BY                                                                                            | DEM         | DATE                           | 12-2012                                            | DATE                   |                              |                      |  |
| CHECKED BY                                                                                          | DBT         | DATE                           | 12-2012                                            | DATE                   |                              |                      |  |





ALAMEDA STORM DRAIN PLAN



PROFILE

STATION 16+00.00  
SEE SHEET 15-AA2

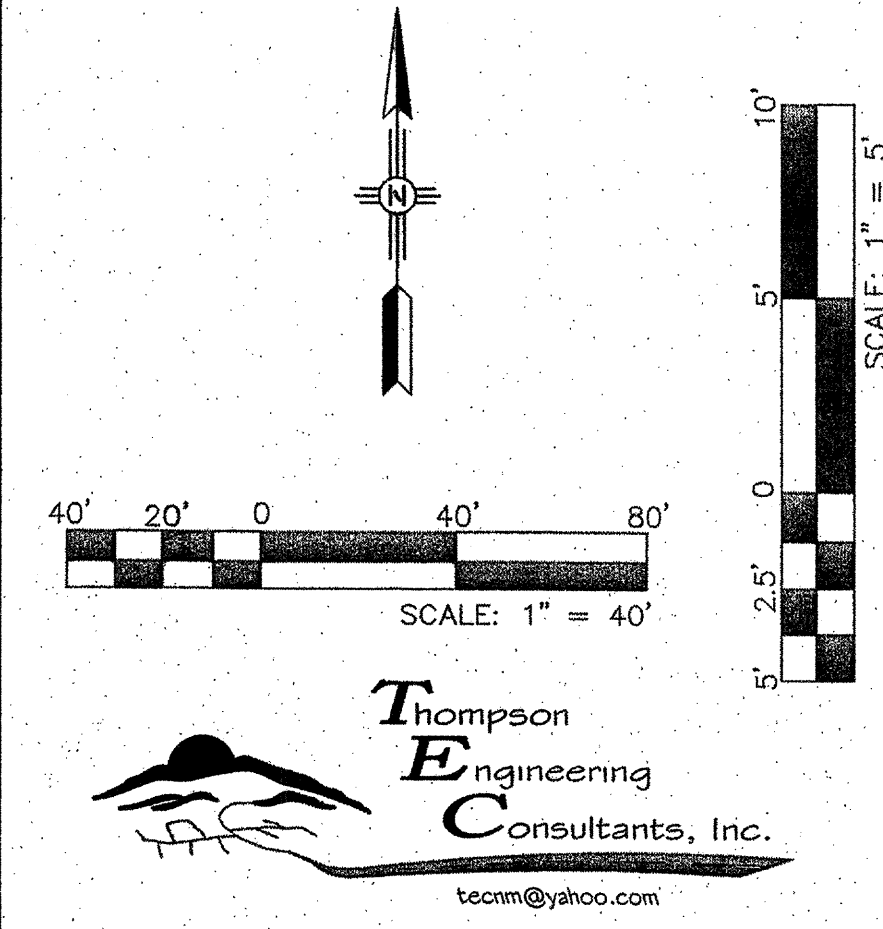
- KEYED NOTES:**
- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.
  - ③ EXISTING 2" PVC GAS LINE TO BE RELOCATED BY GAS CO. OF N.M.

| POT-HOLE INFORMATION |                      |            |          |          |
|----------------------|----------------------|------------|----------|----------|
| NO.                  | ELEV. AT TOP OF PIPE | UTILITY    | MATERIAL | DIAMETER |
| PH-1                 | 5230.33              | FIBER OPT. | PVC      | 2-4"     |

**Certification**  
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*B. J. M.*

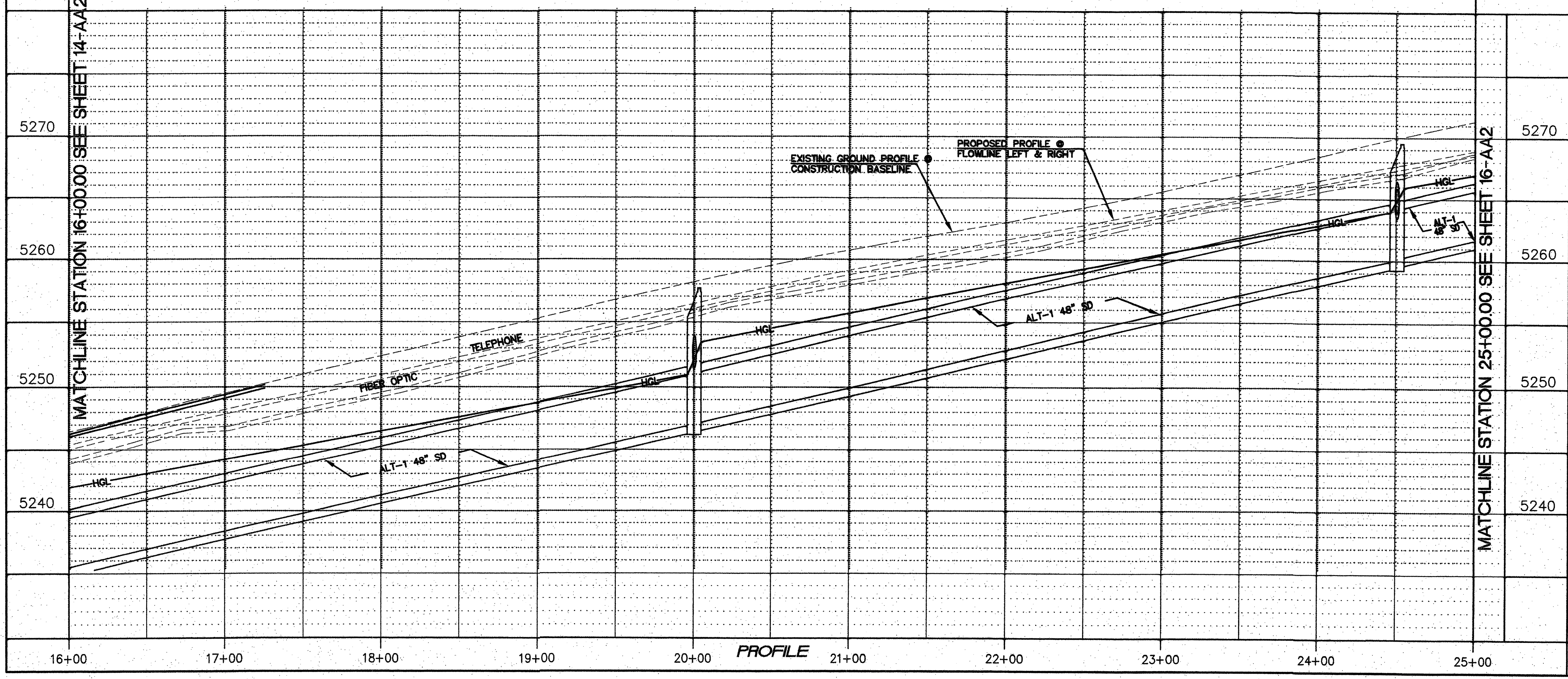
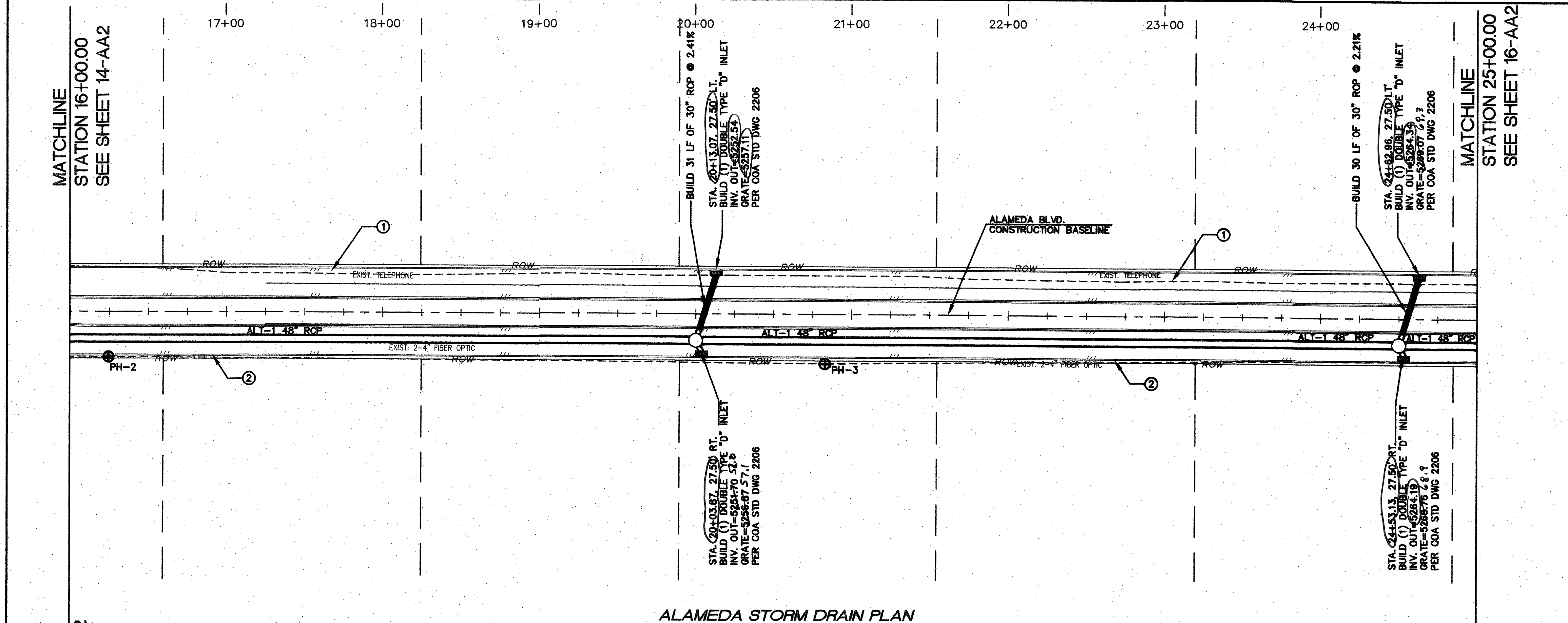
**NOTE:**  
HGL BASED ON DEVELOPED CONDITIONS WITH FUTURE STORM DRAIN SYSTEM CONSTRUCTED.



|                                                                                                                |                                                                           |                                       |                                        |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------|----------------------------------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION                             |                                                                           |                                       |                                        |
| TITLE: <b>ALAMEDA BLVD. WIDENING</b><br><b>ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 7+00.00 TO STA. 16+00</b> |                                                                           |                                       |                                        |
| Design Review Committee<br><b>APPROVED</b><br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE                           | City Engineer Approval<br><b>APPROVED</b><br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.<br>____ / ____ / ____ |                                        |
| City Project No.<br><b>7663.91</b>                                                                             | Zone Map No.<br><b>C-18/C-19</b>                                          | Sequence No.<br><b>4-2</b>            | Sheet<br><b>14-AA2</b> Of<br><b>25</b> |

| AS BUILT INFORMATION                        |  | BENCH MARKS                                                                                                                                                                                                                                                                                                                                                                                                               |  | SURVEY INFORMATION                                              |  | ENGINEERS SEAL                                                                                                       |  |
|---------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|
| CONTRACTOR RMC, INC.                        |  | Coordinates shown hereon are modified (surface) N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334961 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). The coordinates and elevations are US Survey Feet. |  | FIELD NOTES<br>NO. 11599 BY DATE SURVEYING CONTROL INC. 11-2010 |  | REVISIONS<br>NO. DATE BY<br>DESIGNED BY DBT DATE 12-2012<br>DRAWN BY DBM DATE 12-2012<br>CHECKED BY DBT DATE 12-2012 |  |
| WORKED BY CARTESIAN SURVEYS, INC. DATE 7-14 |  | RECEIVED BY DATE 7-14                                                                                                                                                                                                                                                                                                                                                                                                     |  | NO. 11599                                                       |  | DATE 12-2012                                                                                                         |  |
| ACCEPTANCE BY COA DATE 7-14                 |  | FIELD LOCATION BY DATE 7-14                                                                                                                                                                                                                                                                                                                                                                                               |  | NO.                                                             |  | DATE 12-2012                                                                                                         |  |
| DRAWINGS BY DATE 7-14                       |  | CORRECTED BY DATE 7-14                                                                                                                                                                                                                                                                                                                                                                                                    |  | NO.                                                             |  | DATE 12-2012                                                                                                         |  |
| MICRO-FILM INFORMATION                      |  | RECORDED BY DATE                                                                                                                                                                                                                                                                                                                                                                                                          |  | NO.                                                             |  | DATE 12-2012                                                                                                         |  |





**KEYED NOTES:**

- EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
- EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.

**POT-HOLE INFORMATION**

| NO.  | ELEV. AT TOP OF PIPE | DESCRIPTION |          |          |
|------|----------------------|-------------|----------|----------|
|      |                      | UTILITY     | MATERIAL | DIAMETER |
| PH-2 | 5245.79              | FIBER OPT   | PVC      | 2-4"     |
| PH-3 | 5258.36              | FIBER OPT   | PVC      | 2-4"     |

**CERTIFICATION**

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*Bar J. Mat*

**ENGINEERS SEAL**

*Bar J. Mat*

**REVISIONS**

| NO. | DATE    | REMARKS   |
|-----|---------|-----------|
| 1   | 12-2012 | DESIGN    |
| 2   | 12-2012 | REVISIONS |
| 3   | 12-2012 | REVISIONS |

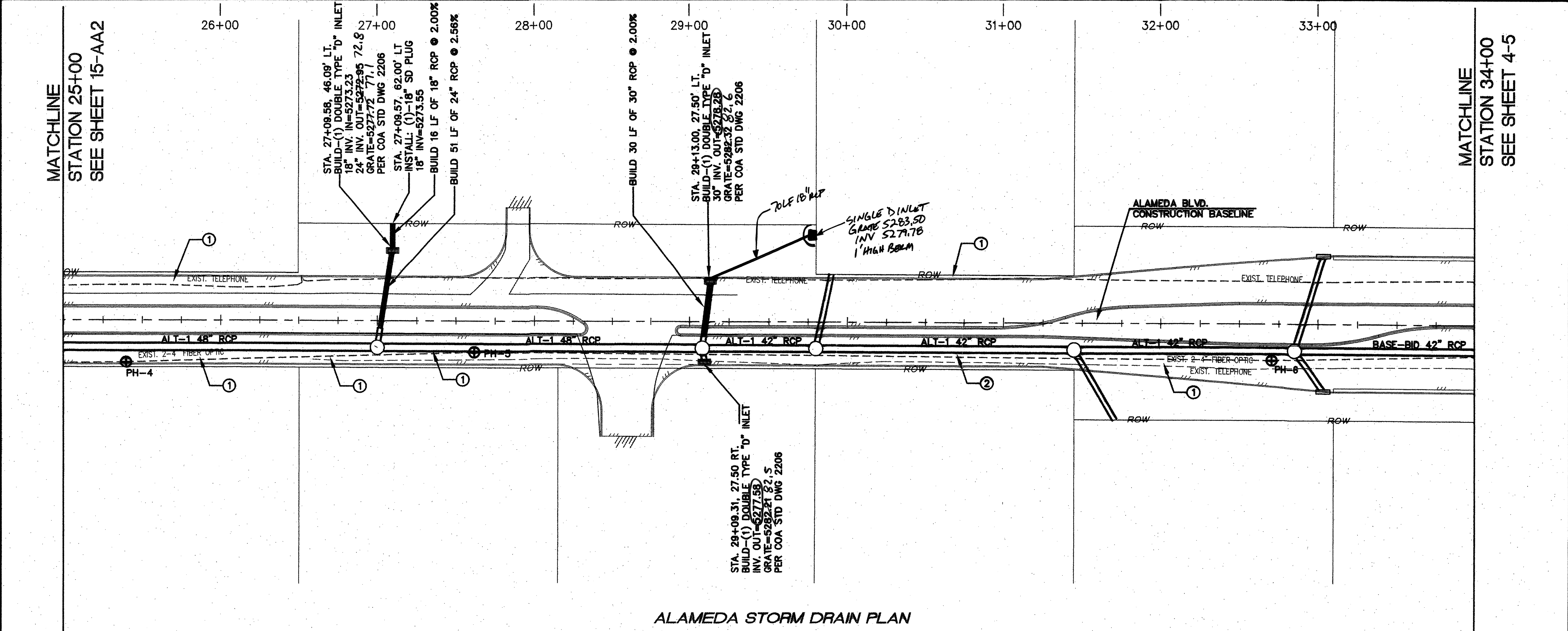
**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

TITLE: **ALAMEDA BLVD. WIDENING**  
**ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 16+00 TO STA. 25+00**

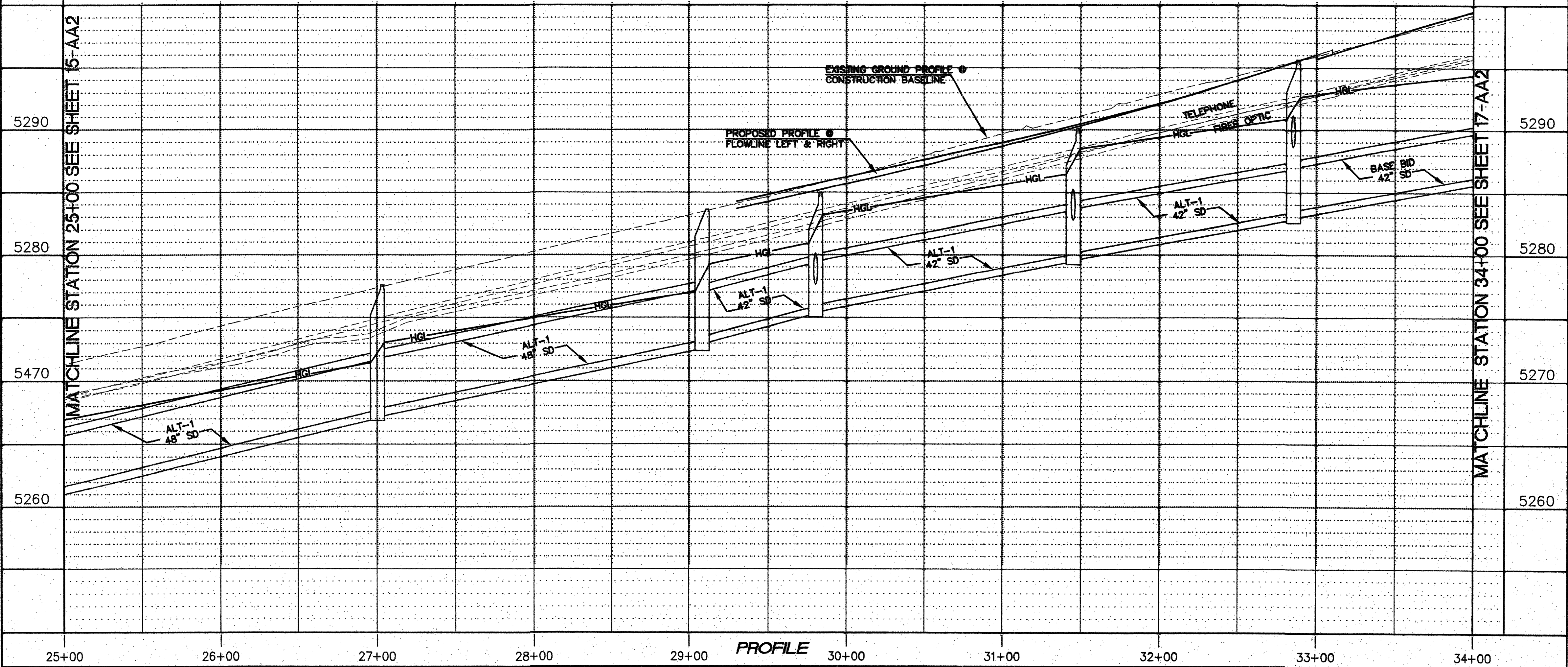
Design Review Committee: **APPROVED** JAN 11 2013  
City Engineer Approval: **APPROVED** JAN 11 2013  
Last Design Update: **CITY ENGINEER**

City Project No. **7663.91** Zone Map No. **C-18/C-19** Sequence No. **4-3** Sheet **15-AA2** Of **25**





ALAMEDA STORM DRAIN PLAN



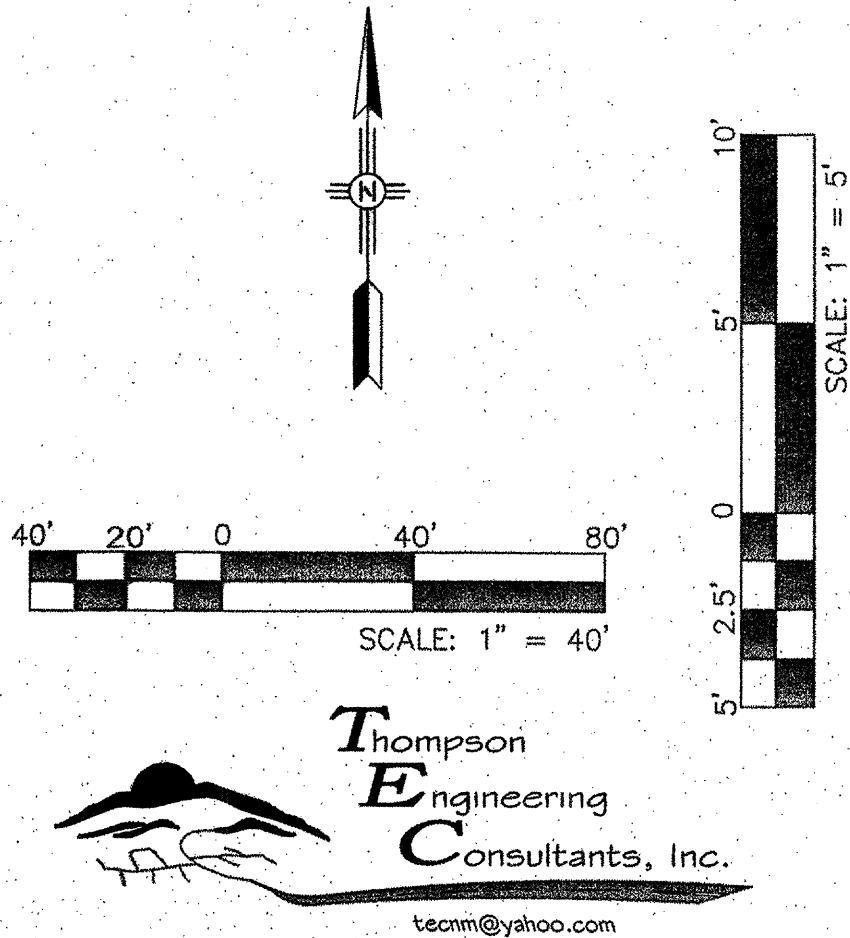
PROFILE

- KEYED NOTES:**
- ① EXISTING DIRECT BURY TELEPHONE LINE TO BE REMOVED AND DISPOSED BY CENTURYLINK.
  - ② EXISTING 2-4" PVC FIBER OPTIC LINES TO BE RELOCATED BY CENTURYLINK.

| POT-HOLE INFORMATION |                      |           |          |          |
|----------------------|----------------------|-----------|----------|----------|
| NO.                  | ELEV. AT TOP OF PIPE | UTILITY   | MATERIAL | DIAMETER |
| PH-4                 | 5269.52              | FIBER OPT | PVC      | 2-4"     |
| PH-5                 | 5276.51              | FIBER OPT | PVC      | 2-4"     |
| PH-6                 | 5291.91              | FIBER OPT | PVC      | 2-4"     |

**Certification**  
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*B. J. M.*

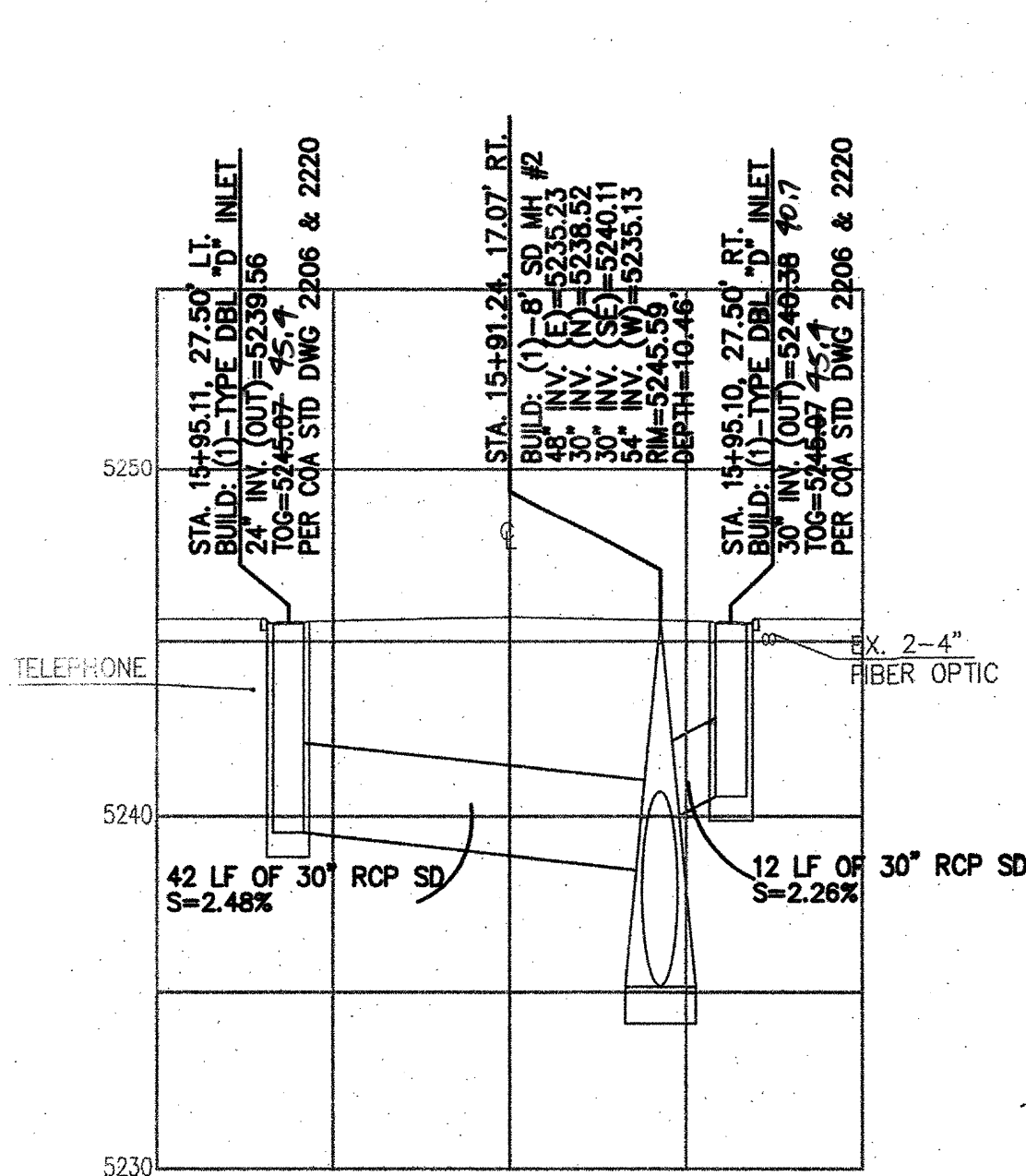


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

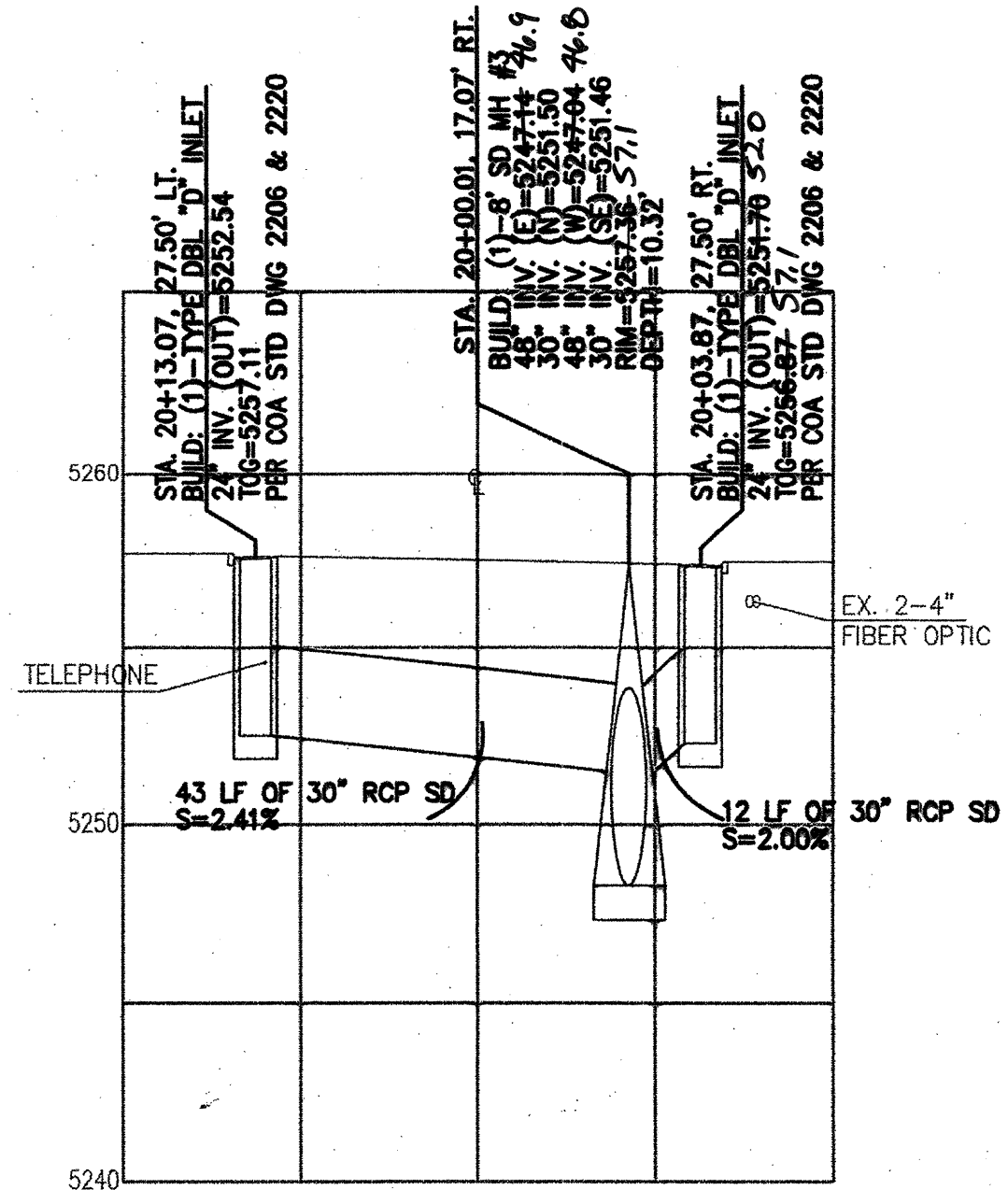
TITLE: **ALAMEDA BLVD. WIDENING**  
**ALAMEDA STORM DRAIN PLAN AND PROFILE STA. 25+00 TO STA. 34+00**

|                                                    |  |                                          |  |                 |  |
|----------------------------------------------------|--|------------------------------------------|--|-----------------|--|
| Design Review Committee                            |  | City Engineer Approval                   |  | No. / Day / Yr. |  |
| APPROVED<br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE |  | APPROVED<br>JAN 11 2013<br>CITY ENGINEER |  |                 |  |
| City Project No.                                   |  | Zone Map No.                             |  | Sheet           |  |
| 7663.91                                            |  | C-18/C-19                                |  | 16-AA2          |  |
| Sequence No.                                       |  | Last Design Update                       |  | Of              |  |
| 4-4                                                |  |                                          |  | 25              |  |

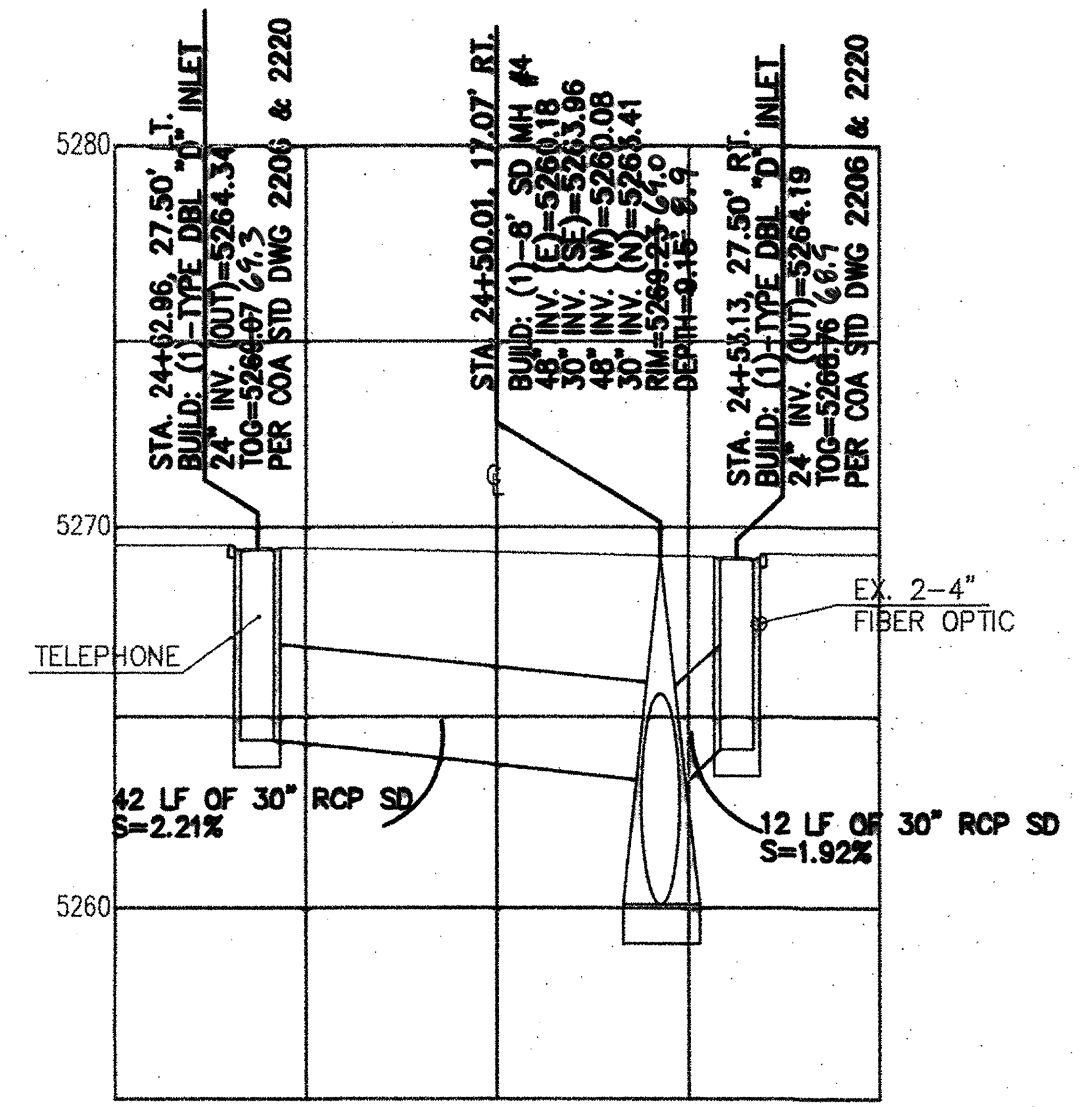




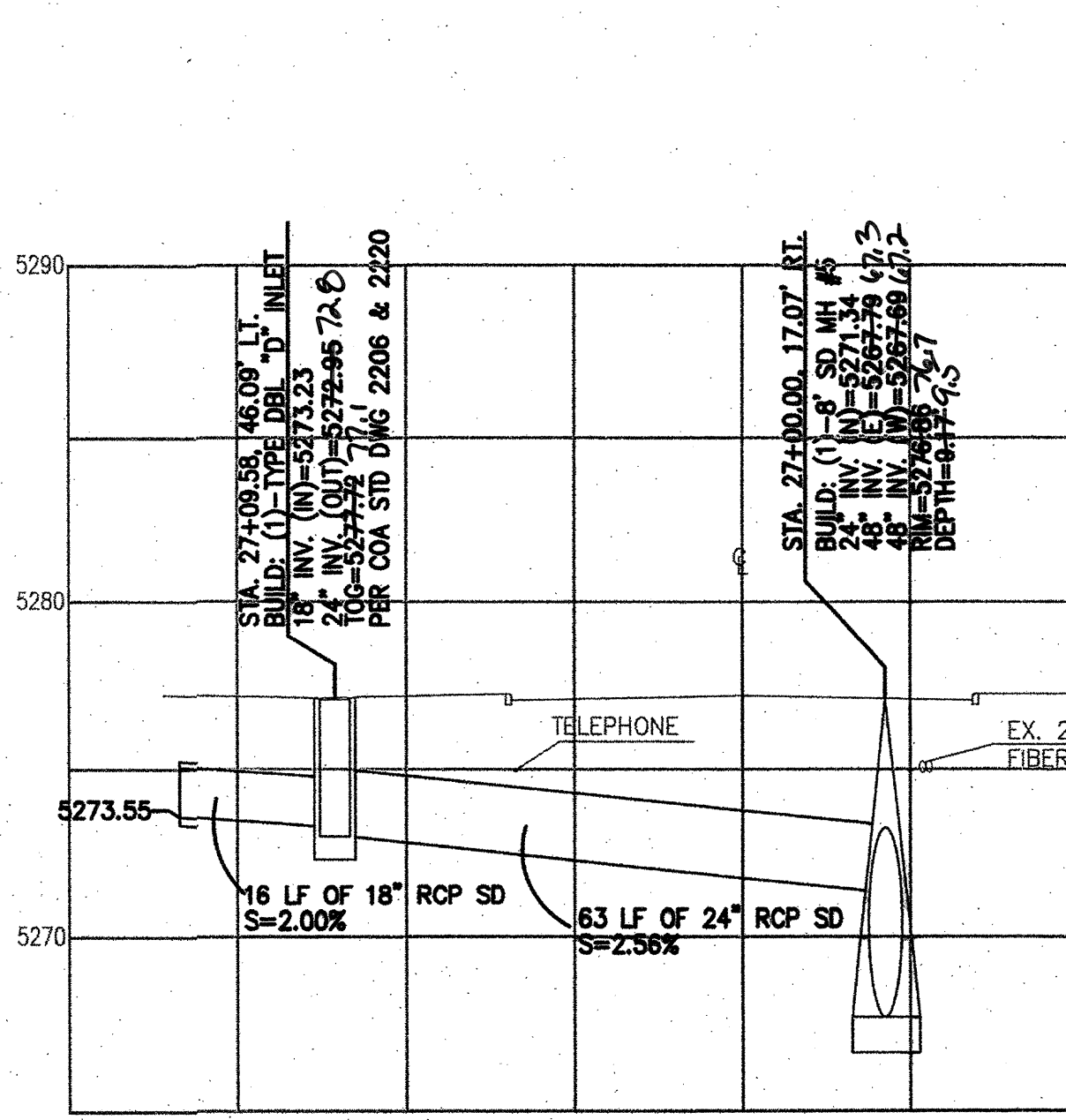
ALAMEDA STORM DRAIN LATERAL  
STA. 15+91.24, 17.07' RT.



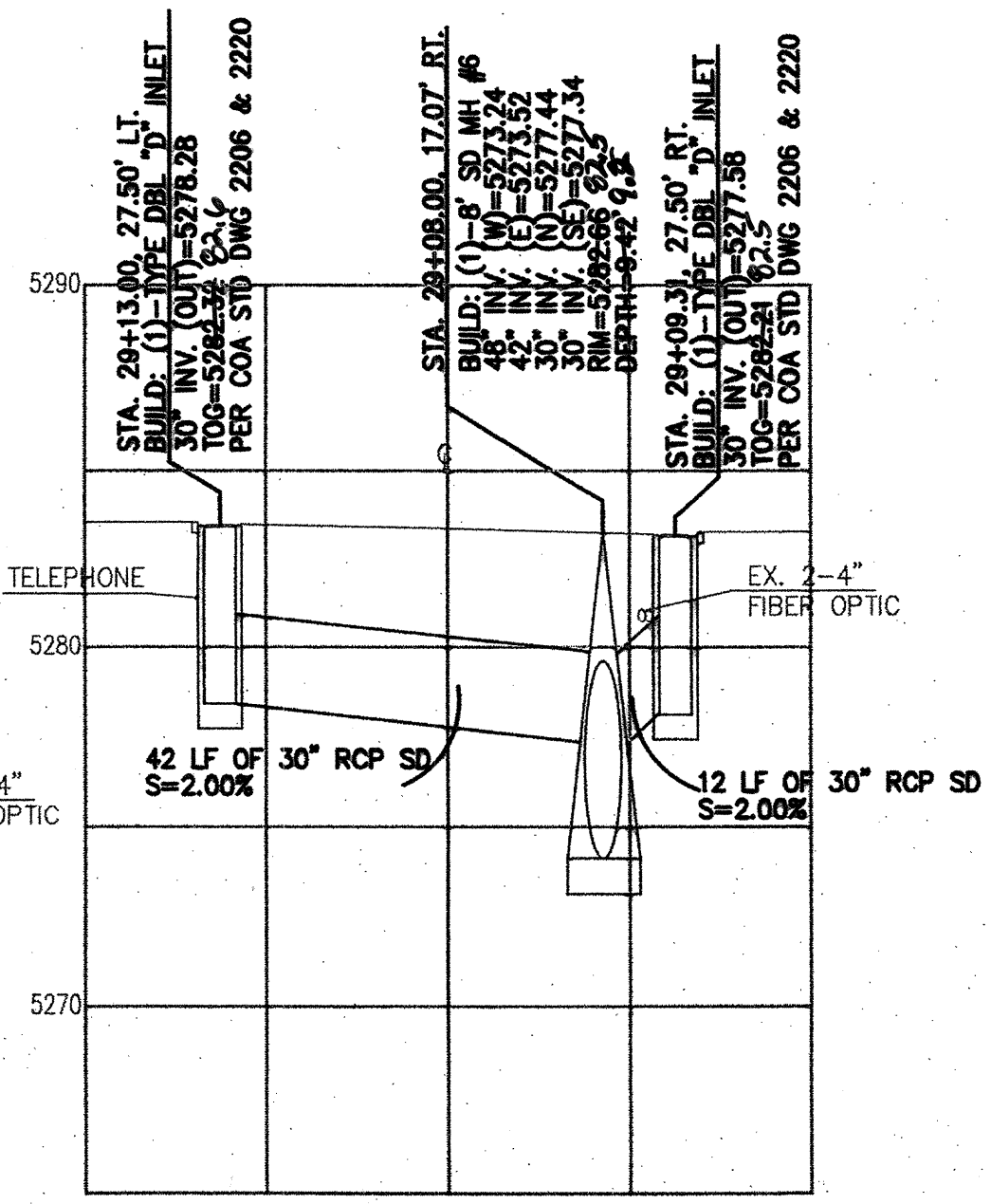
ALAMEDA STORM DRAIN LATERAL  
STA. 20+00.01, 17.07' RT.



ALAMEDA STORM DRAIN LATERAL  
STA. 24+50.01, 17.07' RT.



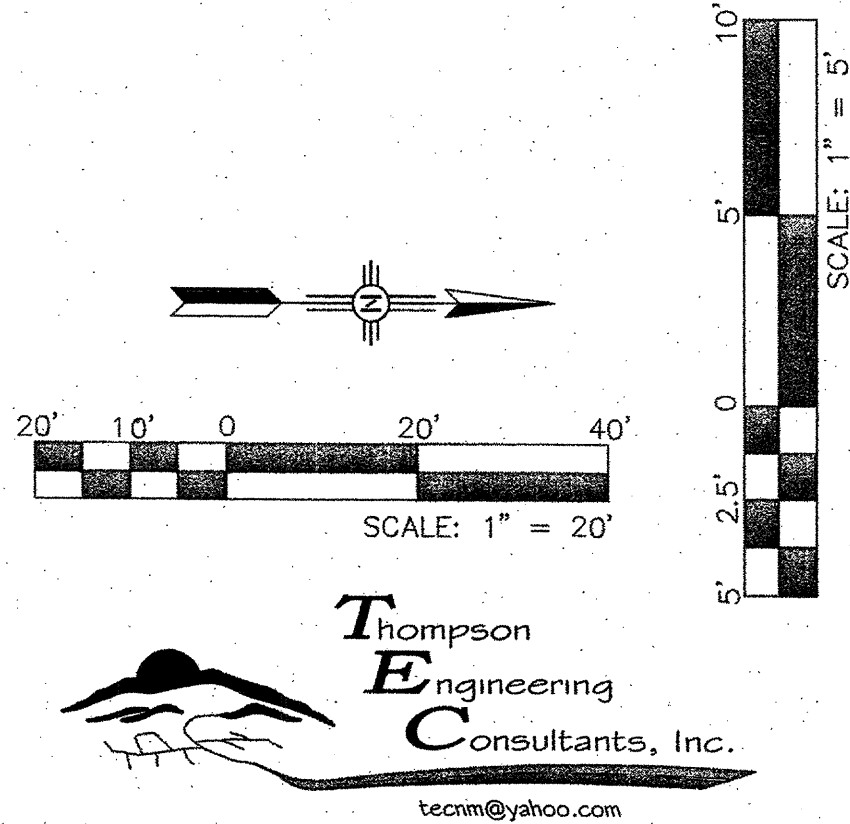
ALAMEDA STORM DRAIN LATERAL  
STA. 27+00.00, 17.07' RT.



ALAMEDA STORM DRAIN LATERAL  
STA. 29+08.00, 17.07' RT.

NOTE:  
ALL LATERAL STORM DRAINS  
ARE CLASS IV.

\* See plan and Profile for  
as-built info



Thompson  
Engineering  
Consultants, Inc.  
tecncm@yahoo.com

|                                                                                    |                                                                    |                     |                 |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|-----------------|
| CITY OF ALBUQUERQUE<br>DEPARTMENT OF MUNICIPAL DEVELOPMENT<br>ENGINEERING DIVISION |                                                                    |                     |                 |
| TITLE: ALAMEDA BLVD. WIDENING<br>LATERALS                                          |                                                                    |                     |                 |
| Design Review Committee<br>APPROVED<br>JAN 11 2013<br>DESIGN REVIEW COMMITTEE      | City Engineer Approval<br>APPROVED<br>JAN 11 2013<br>CITY ENGINEER | No. / Day / Yr.     |                 |
| City Project No.<br>7663.91                                                        | Zone Map No.<br>C-18/C-19                                          | Sequence No.<br>4-5 | Sheet<br>17-AA2 |
| Last Design Update                                                                 |                                                                    | Of                  | 25              |

| SURVEY INFORMATION |                        | BENCH MARKS |                                                                                                                                                                                                                                                                                                                        | AS BUILT INFORMATION |           |
|--------------------|------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
| NO.                | BY                     | DATE        | COORDINATES                                                                                                                                                                                                                                                                                                            | CONTRACTOR           | DATE      |
| 11599              | SURVEYING CONTROL INC. | 11-2010     | N.M. State Plane Coordinates - Central Zone, NAD 83 and were derived by scaling State Plane grid coordinates by the project average combined factor of CF = 1.000334961 around on origin of 0.0. Elevations are NAVD 88, and are adjusted to the NGS Control Station "10-C18, 1985" (published elevation = 5222.090'). | RMC, INC.            | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | INSPECTED BY         | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | ACCEPTANCE BY        | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | VERIFICATION BY      | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | DRAWINGS             | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | CORRECTED BY         | DATE 7-14 |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | RECORDED BY          | DATE      |
|                    |                        |             |                                                                                                                                                                                                                                                                                                                        | NO.                  |           |

ENGINEER'S SEAL  
Professional Engineer  
State of New Mexico  
No. 9677  
1-8-13

| NO. | DATE | REVISIONS | BY |
|-----|------|-----------|----|
|     |      | DESIGN    |    |
|     |      | DEM       |    |
|     |      | DEM       |    |
|     |      | DEM       |    |