

[illegible]



SCANNED BY  
PLANNING

SP #00-10-24-09:50-0288

**TRACT A-1, DOLORES GONZALES ELEMENTARY SCHOOL**  
ALBUQUERQUE, NEW MEXICO  
OCTOBER, 2000

PLAT OF



SCALE 1" = 40'



9th STREET S.W. (60' R.O.W.)

TINGLEY FIELD

CITY OF ALBUQUERQUE  
BLOCK 4  
RIO GRANDE PARK ADDITION  
(FILED 07-16-1923, B2-56)

RECORDED ALIGNMENT OF ATLANTIC AVENUE S.W.

(N 89°37' E)  
N 89°30'59" E

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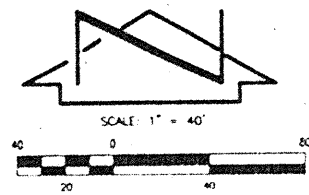
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T.B.M.  
T.B.M. #1  
A 12" CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4946.58  
T.B.M. #2  
A 12" CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4944.58

# LEGEND

|                                  |                                  |
|----------------------------------|----------------------------------|
| TOP OF CURB                      | HEAVY TRUCK PLANTER              |
| LOWLINE                          | SYNTHETIC METAL FENCE            |
| TOP OF CONCRETE                  | CITY                             |
| TRAFFIC SIGN                     | BLOCK ON                         |
| TOP OF WALL                      | TOP OF ASPHALT                   |
| TOP OF ASPHALT                   | TOP OF GRATE                     |
| TOP OF GRATE                     | INVERT                           |
| INVERT                           | CAST IRON                        |
| CAST IRON                        | REINFORCED CONC. PIPE            |
| REINFORCED CONC. PIPE            | VITRIFIED CLAY PIPE              |
| VITRIFIED CLAY PIPE              | STORM DRAIN                      |
| STORM DRAIN                      | SANITARY SEWER                   |
| SANITARY SEWER                   | WATERLINE                        |
| WATERLINE                        | STORM DRAIN MANHOLE              |
| STORM DRAIN MANHOLE              | WATER FOUNTAIN                   |
| WATER FOUNTAIN                   | STEEL                            |
| STEEL                            | WOOD LIGHT POLE                  |
| WOOD LIGHT POLE                  | WOOD POWER POLE                  |
| WOOD POWER POLE                  | SPRINKLER VALVE BOX              |
| SPRINKLER VALVE BOX              | UNDERGROUND                      |
| UNDERGROUND                      | OVERHEAD ELECTRIC (NO. OF LINES) |
| OVERHEAD ELECTRIC (NO. OF LINES) | WATER VALVE                      |
| WATER VALVE                      | CONCRETE                         |
| CONCRETE                         | WHEELCHAIR RAMP                  |
| WHEELCHAIR RAMP                  | CURB AND GUTTER                  |
| CURB AND GUTTER                  | WATER FAUCET                     |
| WATER FAUCET                     | ELECTRIC PULLBOX                 |
| ELECTRIC PULLBOX                 | ROOF DRAIN                       |
| ROOF DRAIN                       | CENTERLINE DOOR                  |
| CENTERLINE DOOR                  | CONCRETE SIDEWALK                |
| CONCRETE SIDEWALK                | DECIDUOUS TREE (CALIPER SIZE)    |
| DECIDUOUS TREE (CALIPER SIZE)    | CONFEROUS TREE (CALIPER SIZE)    |

## KEYED NOTES

- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING
- REMOVE AND DISPOSE OF EXISTING ASPHALT CURB
- REMOVE AND DISPOSE OF EXISTING STONE CURB
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING
- REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER
- NEATLY SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER AT NEAREST JOINT
- REMOVE AND DISPOSE OF EXISTING TREE
- REMOVE AND DISPOSE OF EXISTING SPEED HUMP
- REMOVE AND DISPOSE OF EXISTING STEEL POLE, TYP.
- REMOVE AND DISPOSE OF EXISTING CONCRETE MOW STRIP
- REMOVE EXISTING TRAFFIC SIGNAL AND RETURN TO CITY TRAFFIC ENGINEERING YARDS
- REMOVE AND RELOCATE EXISTING WOOD LIGHT POLE
- REMOVE AND DISPOSE OF EXISTING WOOD POWER POLE
- REMOVE AND RELOCATE EXISTING SPRINKLER VALVE BOX
- REMOVE AND DISPOSE OF EXISTING WOOD GUARD POST, TYP.
- REMOVE AND DISPOSE OF EXISTING CONCRETE SLAB
- REMOVE AND RELOCATE EXISTING ANTI-SIPHON VALVE
- REMOVE AND DISPOSE OF EXISTING STORM INLET (SEE GRADING PLAN)
- REMOVE AND STORE EXISTING TRAFFIC SIGN
- REMOVE AND STORE EXISTING SCHOOL SIGN
- NEATLY SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING
- OBTERATE EXISTING PAVEMENT MARKINGS
- REMOVE AND RELOCATE EXISTING WATER METER
- REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL PULL BOX
- REMOVE AND SALVAGE EXISTING TRAFFIC SIGNAL CONTROLLER CABINET

## BOUNDARY TABLE

| LINE | DIRECTION     | DISTANCE |
|------|---------------|----------|
| L1   | N 00°46'18" W | 60.00'   |
| L2   | S 01°44'12" E | 60.01'   |
| L3   | S 89°30'59" W | 110.68'  |

## EASEMENT KEYED NOTES

- PORTION OF ATLANTIC AVENUE S.W. VACATED BY 00410-00000-00700 (V.M.), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN
- 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82
- 60' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT. MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON
- RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED BOOK PAGE (OFF SITE)
- PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK PAGE (OFF SITE)
- PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK PAGE (OFF SITE)
- PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

## NOTES:

- IT IS THE INTENT OF THIS PROJECT TO RELOCATE ATLANTIC AVENUE S.W. TO THE NORTH OF THE EXISTING ALIGNMENT AND TO CONSTRUCT A NEW PARKING LOT WITHIN THE VACATED ATLANTIC AVENUE RIGHT-OF-WAY TO SERVE DOLORES GONZALES ELEMENTARY SCHOOL AND TINGLEY FIELD.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ATLANTIC AVE. S.W. REMAINS OPEN TO TRAFFIC AT ALL TIMES THROUGHOUT THIS PROJECT'S CONSTRUCTION DURATION. (SEE "SPECIAL PROJECT TRAFFIC CONTROL NOTES", SHEET 27)

**Jma**

991836

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

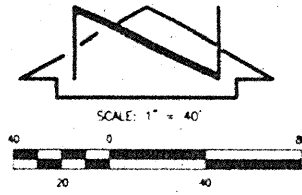
TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
PHASE I DEMOLITION PLAN

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

City Project No. 648381 Zone Map No. K-13 Sheet 4 of 28



SCANNED BY  
PLANNING



T.B.M.

T.P.V. #1  
A 2" CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4945.58

T.B.M. #2  
A 2" CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4944.58

LEGEND

|           |                                  |              |                                   |
|-----------|----------------------------------|--------------|-----------------------------------|
| FL        | TOP OF CURB                      | SWB          | HEADER CURB PLANTER               |
| TCO       | FLOWLINE                         | SNB          | SYNTHETIC METAL BENCH             |
| TS        | TOP OF CONCRETE                  | CTW          | COST WOOD TREE WELL               |
| TW        | TRAFFIC SIGN                     | BDG OAH      | BUILDING OVERHANG                 |
| TA        | TOP OF WALL                      | UTC          | METAL TRASH CAN                   |
| TG        | TOP OF ASPHALT                   | MHR          | METAL HANDRAIL                    |
| INV       | TOP OF GRADE                     | MR           | METAL RAMP                        |
| Q         | INVERT                           | MS           | METAL STEPS                       |
| Q         | CAST IRON                        | CO           | CLEANOUT                          |
| RCP       | REINFORCED CONC. PIPE            | WM           | WATER METER                       |
| VCP       | VITRIFIED CLAY PIPE              | H.CURB       | HEADER CURB                       |
| SD        | STORM DRAIN                      | EC           | ELECTRIC CONDUIT                  |
| SAS       | SANITARY SEWER                   | HC           | HANDICAP                          |
| W         | WATERLINE                        | GW           | GAS METER                         |
| G         | GAS LINE                         | WS           | WOOD STEPS                        |
| SDMH      | STORM DRAIN MANHOLE              | GR           | GAS PRESSURE REGULATOR            |
| WTFN      | WATER FOUNTAIN                   | WLR          | WATER LINE TO ROOF                |
| ST        | STEEL                            | MCW          | METER CAN WITH WATERLINE          |
| WLP       | WOOD LIGHT POLE                  | O/H COMM (1) | OVERHEAD INTERCOM (NO. OF LINES)  |
| WDP       | WOOD POWER POLE                  | FA           | FIRE ALARM                        |
| SVB       | SPRINKLER VALVE BOX              | EM           | ELECTRIC METER                    |
| U/G       | UNDERGROUND                      | T            | TELEPHONE                         |
| O/H E (1) | OVERHEAD ELECTRIC (NO. OF LINES) | EB           | ELECTRIC BOX                      |
| WV        | WATER VALVE                      | WF           | WATER FAUCET                      |
| CONC      | CONCRETE                         | CATV         | CABLE TELEVISION                  |
| WHL       | WHEELCHAIR RAMP                  | CIF          | CHAINLINK FENCE                   |
| QCS       | CURB AND GUTTER                  | TCOCD        | TELEPHONE CONDUIT                 |
| WF        | WATER FAUCET                     | ASV          | ANTI-SIPHON VALVE                 |
| EPS       | ELECTRIC PULLBOX                 | TSPB         | TRAFFIC SIGNAL PULLBOX            |
| RD        | ROOF DRAIN                       | TSMA         | TRAFFIC SIGNAL W/MAST ARM         |
| CL D      | CENTERLINE DOOR                  | PH           | FIRE HYDRANT                      |
| CL DD     | CENTERLINE DOUBLE DOOR           | TCB          | TELEPHONE CABINET                 |
| CONC SW   | CONCRETE SIDEWALK                | CL FENCE     | CHAINLINK FENCE                   |
|           |                                  | CC           | TRAFFIC SIGNAL CONTROLLER CABINET |
|           |                                  | SD           | STORM DRAIN LINE                  |
|           |                                  | SAS          | SANITARY SEWER LINE               |
|           |                                  | WLP          | WATER LINE                        |
|           |                                  | HPG          | HIGH PRESSURE GAS LINE            |
|           |                                  | LPG          | LOW PRESSURE GAS LINE             |

(2" DIA) DECIDUOUS TREE (CALIPER SIZE)  
(2" DIA) CONIFEROUS TREE (CALIPER SIZE)

KEYED NOTES

1. REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING
2. REMOVE AND DISPOSE OF EXISTING ASPHALT CURB
3. REMOVE AND DISPOSE OF EXISTING STONE CURB
4. REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING
5. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER
6. NEATLY SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER AT NEAREST JOINT
7. REMOVE AND DISPOSE OF EXISTING TREE
8. REMOVE AND DISPOSE OF EXISTING SPEED HUMP
9. REMOVE AND DISPOSE OF EXISTING STEEL POLE, TYP.
10. REMOVE AND DISPOSE OF EXISTING CONCRETE MOW STRIP
11. REMOVE EXISTING TRAFFIC SIGNAL AND RETURN TO CITY TRAFFIC ENGINEERING YARDS.
12. REMOVE AND RELOCATE EXISTING WOOD LIGHT POLE
13. REMOVE AND DISPOSE OF EXISTING WOOD POWER POLE
14. REMOVE AND RELOCATE EXISTING SPRINKLER VALVE BOX
15. REMOVE AND DISPOSE OF EXISTING WOOD GUARD POST, TYP.
16. REMOVE AND DISPOSE OF EXISTING CONCRETE SLAB
17. REMOVE AND RELOCATE EXISTING ANTI-SIPHON VALVE
18. REMOVE AND DISPOSE OF EXISTING STORM INLET (SEE GRADING PLAN)
19. REMOVE AND STORE EXISTING TRAFFIC SIGN
20. REMOVE AND STORE EXISTING SCHOOL SIGN
21. NEATLY SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING
22. OBLITERATE EXISTING PAVEMENT MARKINGS
23. REMOVE AND RELOCATE EXISTING WATER METER
24. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL PULL BOX.
25. REMOVE AND SALVAGE EXISTING TRAFFIC SIGNAL CONTROLLER CABINET.

BOUNDARY TABLE

| LINE | DIRECTION     | DISTANCE |
|------|---------------|----------|
| L1   | N 00°46'16" W | 60.00'   |
| L2   | S 01°44'12" E | 60.01'   |
| L3   | S 89°30'59" W | 110.68'  |

EASEMENT KEYED NOTES

- A. PORTION OF ATLANTIC AVENUE S.W. VACATED BY 00410-00000-00700 (VRW), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN.
- B. 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82
- C. 80' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT, MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON
- D. RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED BOOK \_\_\_\_\_ PAGE \_\_\_\_\_
- E. PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK \_\_\_\_\_ PAGE \_\_\_\_\_
- F. PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK \_\_\_\_\_ PAGE \_\_\_\_\_
- G. PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

NOTES:

1. IT IS THE INTENT OF THIS PROJECT TO RELOCATE ATLANTIC AVENUE S.W. TO THE NORTH OF THE EXISTING ALIGNMENT AND TO CONSTRUCT A NEW PARKING LOT WITHIN THE VACATED ATLANTIC AVENUE RIGHT-OF-WAY TO SERVE DOLORES GONZALES ELEMENTARY SCHOOL AND TINGLEY FIELD.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ATLANTIC AVE. S.W. REMAINS OPEN TO TRAFFIC AT ALL TIMES THROUGHOUT THIS PROJECT'S CONSTRUCTION DURATION. (SEE "SPECIAL PROJECT TRAFFIC CONTROL NOTES", SHEET 27)

**JMA**  
991836

JEFF MORTENSEN & ASSOCIATES, INC.  
4400-B REDWOOD PARK, N.W., SUITE 200  
ALBUQUERQUE, NM 87109-4000  
TELEPHONE (505) 243-4000 FAX (505) 243-4001  
WWW.JMA-INC.COM

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
PHASE II DEMOLITION PLAN

|                         |                        |
|-------------------------|------------------------|
| Design-Review Committee | City Engineer Approved |
|                         |                        |
|                         |                        |
|                         |                        |
|                         |                        |

EXISTING:  
TRACT A, DOLORES GONZALES ELEMENTARY SCHOOL

PROPOSED:  
TRACT A-1, DOLORES GONZALES ELEMENTARY SCHOOL

T.B.M. #1  
A = CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4946.58

T.B.M. #2  
A = CHISELED ON THE OF THE CURB AS SHOWN ON THE  
DRAWING.  
ELEVATION = 4944.58

|                                                                                              |                                  |              |                                  |
|----------------------------------------------------------------------------------------------|----------------------------------|--------------|----------------------------------|
| FL                                                                                           | TOP OF CURB                      | W-1          | WATER CURB PLANTER               |
| FL                                                                                           | FLOWLINE                         | WMB          | SYNTHETIC METAL BENCH            |
| FTO                                                                                          | TOP OF CONCRETE                  | OTW          | CAST IRON TREE WELL              |
| TS                                                                                           | TRAFFIC SIGN                     | BLDG OVH     | BUILDING OVERHANG                |
| TW                                                                                           | TOP OF WALL                      | MTC          | METAL TRASH CAN                  |
| TA                                                                                           | TOP OF ASPHALT                   | WHR          | METAL HANDRAIL                   |
| TG                                                                                           | TOP OF GRADE                     | WR           | METAL RAMP                       |
| WAV                                                                                          | WALKWAY                          | WTS          | METAL STEPS                      |
| CI                                                                                           | CAST IRON                        | CO           | CLEANOUT                         |
| PCP                                                                                          | REINFORCED CONC. PIPE            | WM           | WATER METER                      |
| WCP                                                                                          | VITRIFIED CLAY PIPE              | H CURB       | HEADER CURB                      |
| SD                                                                                           | STORM DRAIN                      | EC           | ELECTRIC CONDUIT                 |
| SAS                                                                                          | SANITARY SEWER                   | HC           | HANDICAP                         |
| W                                                                                            | WATERLINE                        | QS           | GAS METER                        |
| O                                                                                            | GAS LINE                         | WTS          | WOOD STEPS                       |
| SDWH                                                                                         | STORM DRAIN MANHOLE              | GR           | GAS PRESSURE REGULATOR           |
| WFTN                                                                                         | WATER FOUNTAIN                   | WLP          | WATER LINE TO ROOF               |
| ST                                                                                           | STEEL                            | MCM          | METER CAN WITH WATERLINE         |
| WLP                                                                                          | WOOD LIGHT POLE                  | O/H COUN (1) | OVERHEAD INTERCOM (NO. OF LINES) |
| WDP                                                                                          | WOOD POWER POLE                  | FA           | FIRE ALARM                       |
| SVB                                                                                          | SPRINKLER VALVE BOX              | EM           | ELECTRIC METER                   |
| O/H                                                                                          | OVERHEAD                         | TE           | TELEPHONE                        |
| O/H E (1)                                                                                    | OVERHEAD ELECTRIC (NO. OF LINES) | EB           | ELECTRIC BOX                     |
| WV                                                                                           | WATER VALVE                      | WF           | WATER FAUCET                     |
| MC                                                                                           | CONCRETE                         | CATV         | CABLE TELEVISION                 |
| WCR                                                                                          | WHEELCHAIR RAMP                  | CLF          | CHAINLINK FENCE                  |
| C&G                                                                                          | CURB AND GUTTER                  | TCOOND       | TELEPHONE CONDUIT                |
| WF                                                                                           | WATER FAUCET                     | ASV          | ANTI-SIPHON VALVE                |
| EPB                                                                                          | ELECTRIC PULLBOX                 | TSMB         | TRAFFIC SIGNAL PULLBOX           |
| RD                                                                                           | ROOF DRAIN                       | TSMA         | TRAFFIC SIGNAL W/MAST ARM        |
| CL D                                                                                         | CENTERLINE DOOR                  | FB           | FIRE HYDRANT                     |
| CL DO                                                                                        | CENTERLINE DOUBLE DOOR           | FCB          | TELEPHONE CABINET                |
| SI                                                                                           | STORM INLET                      | CL FENCE     | CHAINLINK FENCE                  |
| CONC SW                                                                                      | CONCRETE SIDEWALK                | HPC          | HIGH PRESSURE GAS LINE           |
|                                                                                              |                                  | LPG          | LOW PRESSURE GAS LINE            |
|  (2" DIA) | DECIDUOUS TREE (CALIPER SIZE)    | ---SD---     | STORM DRAIN LINE                 |
|                                                                                              |                                  | ---SAS---    | SANITARY SEWER LINE              |
|  (2" DIA) | CONIFEROUS TREE (CALIPER SIZE)   | ---W---      | WATER LINE                       |
|                                                                                              |                                  | ==>==        | EXISTING TRAFFIC PATTERN         |
|                                                                                              |                                  | -----        | PHASE BOUNDARY                   |

1. ALL WORK WITHIN THIS PLAN SET AND DELINEATED AS PHASE I ON THIS SHEET CONSISTS OF PUBLIC IMPROVEMENTS AND SHALL BE CONSTRUCTED BY CITY WORK ORDER.

2. ALL WORK WITHIN THIS PLAN SET AND DELINEATED AS PHASE II ON THIS SHEET CONSISTS OF PRIVATE IMPROVEMENTS.

(A) PORTION OF ATLANTIC AVENUE S.W. VACATED BY 00410-00000-00700 (VYM), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN

(B) 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82

(C) 50' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT. MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON \_\_\_\_\_, BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. # \_\_\_\_\_, (OFF SITE)

(D) RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED \_\_\_\_\_, BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. # \_\_\_\_\_, (OFF SITE)

(E) PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_, BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. # \_\_\_\_\_, (OFF SITE)

(F) PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_, BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. # \_\_\_\_\_, (OFF SITE)

(G) PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

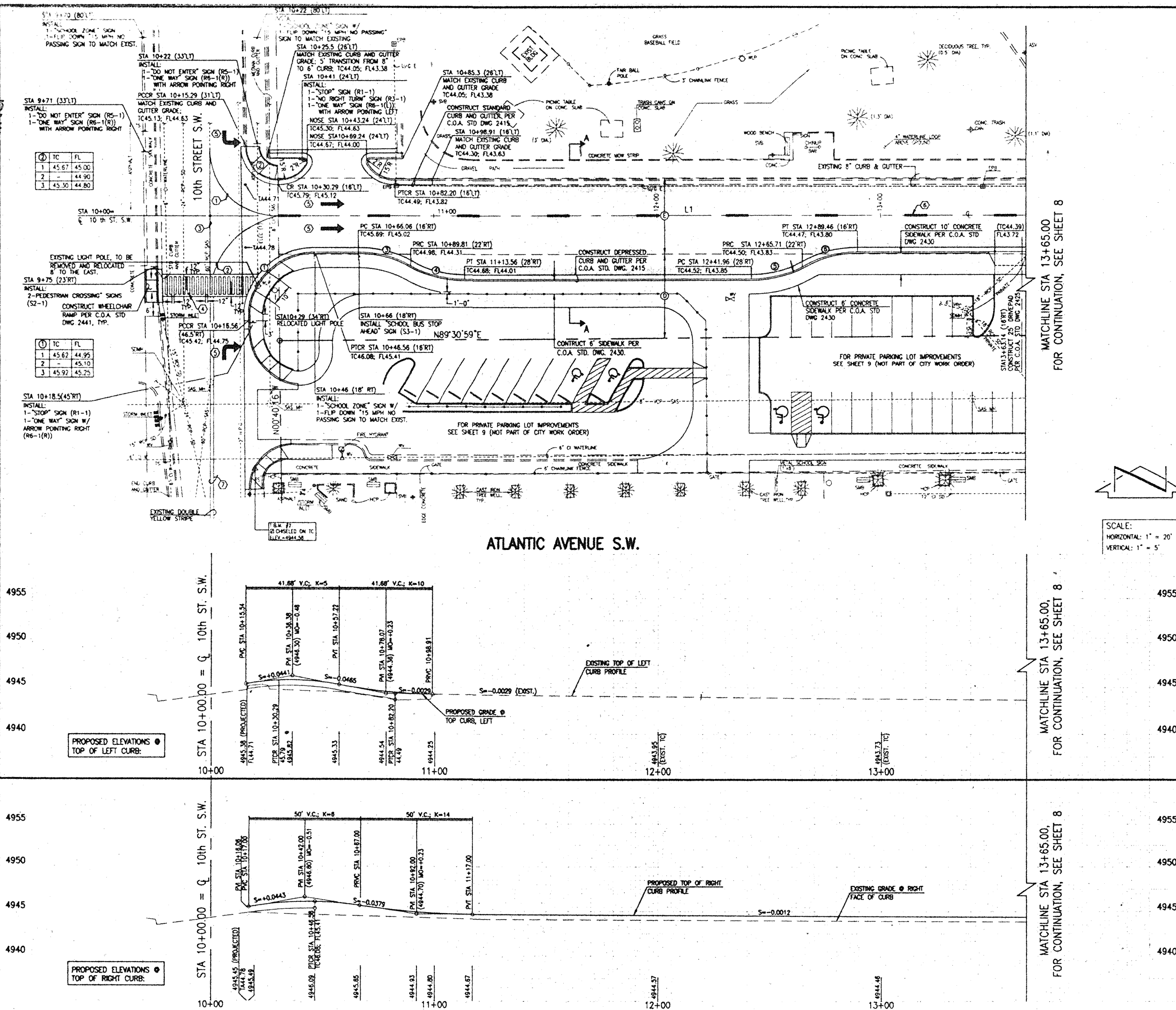
JEFF HORTENSEN & ASSOCIATES, INC.  
☐ 4000-B MIDWAY PARK BLVD. N.E.  
☐ ALBUQUERQUE ☐ NEW MEXICO 87109  
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250  
☐ FAX: 360 345-4254 ☐ E-MAIL: jhinc@secpco

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

|                         |                        |                    |                     |                     |
|-------------------------|------------------------|--------------------|---------------------|---------------------|
| Design Review Committee | City Engineer Approval |                    | <u>Rev./Date/By</u> | <u>Rev./Date/By</u> |
| MAY 29 1987             | MAY 24 1987            | Last Design Update |                     |                     |
|                         |                        |                    |                     |                     |
|                         |                        |                    |                     |                     |
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|------------------|--------------|-------|----|
| City Project No. | Zone Map No. | Sheet | Of |
| 648381           | K-13         | 6     | 28 |

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|------------|---------------|------------|------------|
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| File Name: | 9918360SP.DWG | Plot Time: | 11:28 am   |



- STREET PAVING IMPROVEMENTS:**
- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CURB-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
  - WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
  - ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
  - ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
  - ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
  - UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL PROVIDE AND INSTALL STREET SIGNS AND STRIPING. ALL STRIPING AND SIGNAGE SHALL COMPLY WITH M.U.T.C.D. AND THE THIRD DRAFT SPECIFICATIONS BY C.O.A. TRAFFIC ENGINEERING OPERATIONS, JUNE 1994.
  - STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
  - CONTRACTOR SHALL CONTACT TRAFFIC ENGINEERING OPERATIONS PRIOR TO STRIPING AND SIGN INSTALLATION. (857-8000).

**LINE TABLE**

| LINE | DIRECTION   | LENGTH  |
|------|-------------|---------|
| L1   | N89°54'41"E | 584.02' |

**CURVE TABLE**

| CURVE | RADIUS | LENGTH | DELTA     |
|-------|--------|--------|-----------|
| 1     | 30.00' | 47.63' | 90°56'49" |
| 2     | 15.00' | 21.04' | 89°03'35" |
| 3     | 50.00' | 24.50' | 28°21'38" |
| 4     | 50.00' | 24.50' | 28°21'28" |
| 5     | 50.00' | 24.50' | 28°21'28" |
| 6     | 50.00' | 24.50' | 28°21'38" |

- EASEMENT KEYED NOTES**
- PORTION OF ATLANTIC AVENUE S.W. VACATED BY 00410-00000-00700 (VPM), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN.
  - 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82.
  - 60' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT. MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON \_\_\_\_\_.
  - RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. \_\_\_\_\_ (OFF SITE).
  - PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. \_\_\_\_\_ (OFF SITE).
  - PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK \_\_\_\_\_, PAGE \_\_\_\_\_, DOC. \_\_\_\_\_ (OFF SITE).
  - PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

- PAVEMENT MARKING KEYED NOTES**
- INSTALL 8" WIDE SOLID WHITE REFLECTIVE PAVEMENT STRIPE (R=31')
  - INSTALL 8" WIDE SOLID YELLOW REFLECTIVE PAVEMENT STRIPE (R=40')
  - INSTALL 8" WIDE SOLID YELLOW REFLECTIVE PAVEMENT STRIPE
  - INSTALL 12" WIDE WHITE REFLECTIVE PAINTED CROSSWALK
  - INSTALL WHITE REFLECTIVE PAVEMENT MARKING ARROW TYP.
  - STA 10+30 TO STA 14+90, INSTALL 4" WIDE x 10' LONG WHITE REFLECTIVE PAVEMENT STRIPINGS AT 30' SPACING
  - STA 10+00 (35' RT) TO STA 10+00 (130' RT) INSTALL DOUBLE YELLOW REFLECTIVE PAVEMENT STRIPING, 4" WIDTH PER STRIPE.

**991836**

JEFF WORTHEN & ASSOCIATES, INC.  
ALBUQUERQUE, NEW MEXICO 87102  
PH: 505-263-1234 FAX: 505-263-1234 E-MAIL: jw@jeffw.com

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
STA 10+00.00 TO STA 13+65.00 PLAN AND PROFILE

Design Review Committee: \_\_\_\_\_ City Engineer Approval: \_\_\_\_\_

City Project No. 648381 Zone Map No. K-13 Sheet 7 of 28

**AS BUILT INFORMATION**

CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

**BENCH MARKS**

STATION IS 5 STANDARD ACS BRASS NAIL SET 1" x 13" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE SURFACE. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOVER AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET.

ELEVATION = 4944.026 FEET (M.S.L.D.)

**REVISIONS**

| NO. | DATE    | REVISIONS |
|-----|---------|-----------|
| 1   | 03-2001 | DESIGN    |
| 2   | 03-2001 | DESIGN    |
| 3   | 03-2001 | DESIGN    |

Designed By: C.J.S. Drawn By: J.Y.R. Checked By: J.C.H.

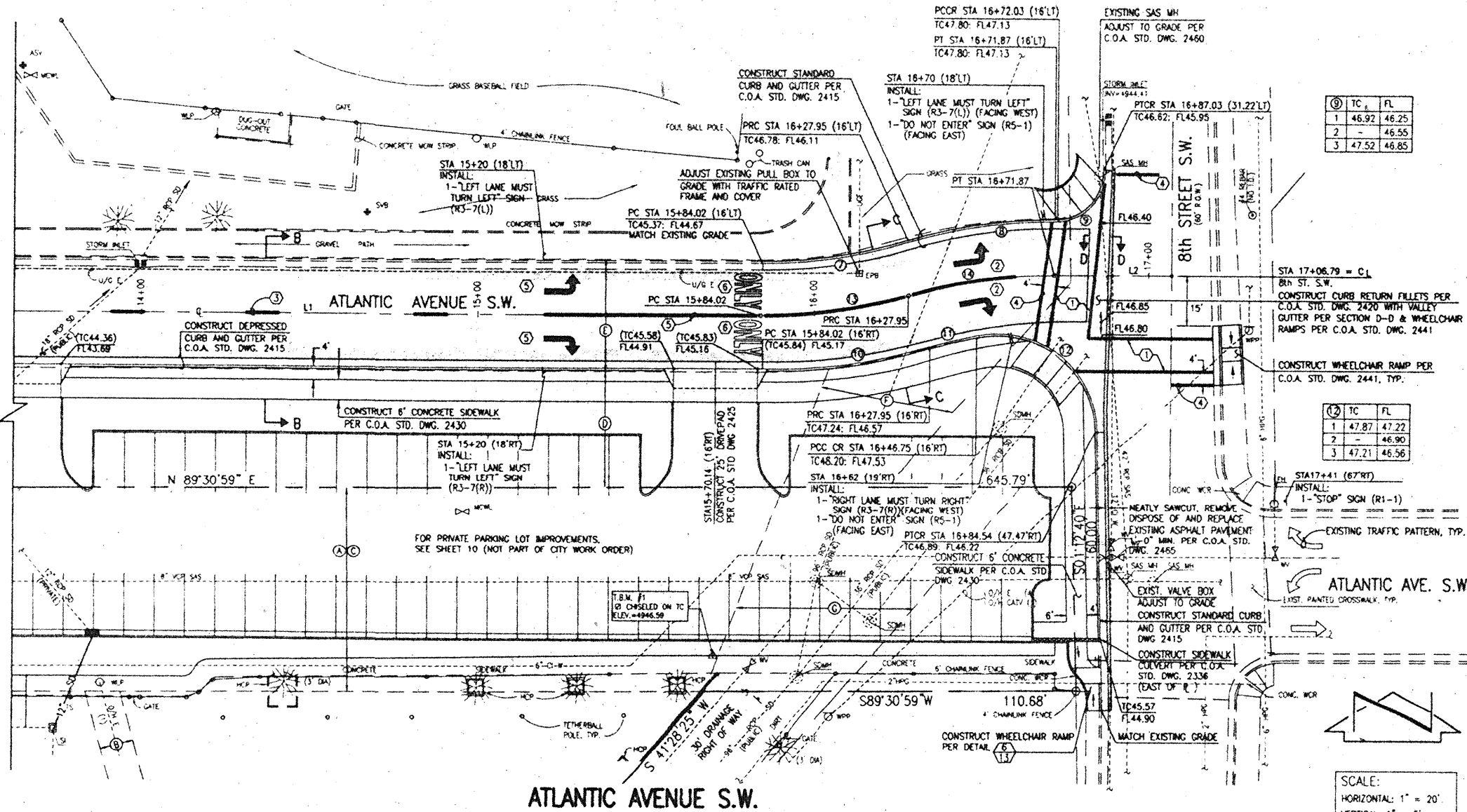


SCANNED BY  
PLANNING

MATCHLINE STA 13+65.00  
FOR CONTINUATION, SEE SHEET 5

MATCHLINE STA 13+65.00,  
FOR CONTINUATION, SEE SHEET 5

MATCHLINE STA 13+65.00,  
FOR CONTINUATION, SEE SHEET 5



| TC | FL          |
|----|-------------|
| 1  | 46.92 46.25 |
| 2  | - 46.55     |
| 3  | 47.52 46.85 |

| TC | FL          |
|----|-------------|
| 1  | 47.87 47.22 |
| 2  | - 46.90     |
| 3  | 47.21 46.56 |

| LINE | DIRECTION     | LENGTH  |
|------|---------------|---------|
| L1   | N 89°54'41" E | 584.02' |
| L2   | N 89°54'41" E | 34.92'  |

| CURVE | RADIUS  | LENGTH | DELTA     |
|-------|---------|--------|-----------|
| 1     | 134.00' | 39.10' | 16°46'44" |
| 2     | 166.00' | 48.44' | 16°46'44" |
| 3     | 15.00'  | 21.37' | 90°51'02" |
| 4     | 166.00' | 48.44' | 16°46'44" |
| 5     | 134.00' | 16.79' | 07°10'55" |
| 6     | 30.00'  | 45.84' | 99°37'44" |
| 7     | 150.00' | 43.93' | 16°46'44" |
| 8     | 150.00' | 45.93' | 16°46'44" |

SCALE:  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 5'

- STREET PAVING IMPROVEMENTS:
- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT C&G-DE-S&G'S AND EMBROWNS WHERE STATIONING IS ALONG FACE-OF-CURB.
  - WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
  - ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
  - ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
  - ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
  - UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL PROVIDE AND INSTALL STREET SIGNS AND STRIPING. ALL STRIPING AND SIGNAGE SHALL COMPLY WITH A.U.T.C.D. AND THE THIRD DRAFT SPECIFICATIONS BY C.O.A. TRAFFIC ENGINEERING OPERATIONS, JUNE 1994.
  - STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
  - CONTRACTOR SHALL CONTACT TRAFFIC ENGINEERING OPERATIONS PRIOR TO STRIPING AND SIGN INSTALLATION. (857-8000).

- EASEMENT KEYED NOTES
- PORTION OF ATLANTIC AVENUE S.W. VACATED BY 004110-0000-00700 (VRM), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN.
  - 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82.
  - 60' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT. MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON \_\_\_\_\_.
  - RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ (OFF SITE).
  - PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ (OFF SITE).
  - PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ (OFF SITE).
  - PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

- PAVEMENT MARKING KEYED NOTES
- INSTALL 12" WIDE WHITE REFLECTIVE PAINTED CROSSWALK.
  - INSTALL WHITE REFLECTIVE PAVEMENT MARKING ARROW TYP.
  - STA 10+30 TO STA 14+90, INSTALL 4" WIDE X 10' LONG WHITE REFLECTIVE PAVEMENT MARKINGS AT 30' SPACING.
  - INSTALL 12" WIDE WHITE REFLECTIVE PAVEMENT MARKING SOLID LINE STOP BAR.
  - STA 15+20 TO STA 16+61, INSTALL 4" WIDE WHITE REFLECTIVE SOLID LINE.
  - INSTALL WHITE REFLECTIVE WORD "ONLY".

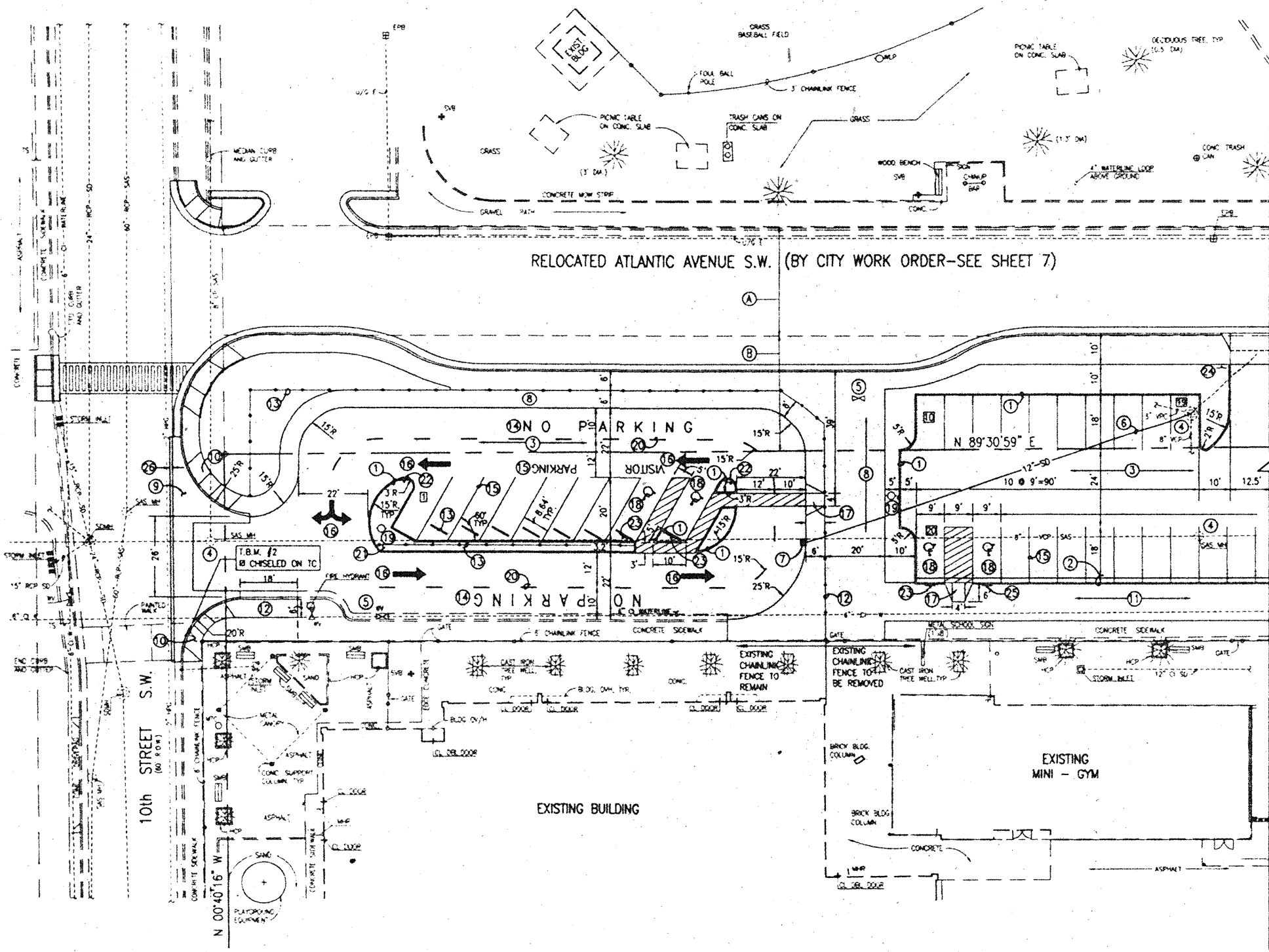
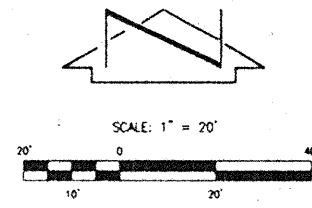
991836

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ ATLANTIC AVE. S.W.  
PAVING IMPROVEMENTS  
ATLANTIC AVE. S.W. STA 13+65.00 TO STA 17+06.79 PLAN AND PROFILE

|                         |                        |               |
|-------------------------|------------------------|---------------|
| Design Review Committee | City Engineer Approval | City Engineer |
| MEH: 2                  | MEH: 2 & 3             | MEH: 2 & 3    |
| City Project No.        | Zone Map No.           | Sheet         |





LEGEND

|             |                 |                |              |        |           |                       |                     |             |                |           |          |                     |                |       |                 |                 |                     |             |                                  |             |          |                 |                 |              |                  |            |                      |                       |                     |                   |                 |                |             |          |             |              |                  |         |           |            |                        |                    |                          |                                  |           |                |           |              |              |                  |                 |                   |                   |                        |                           |              |                   |                  |                  |                     |            |                   |                         |                          |
|-------------|-----------------|----------------|--------------|--------|-----------|-----------------------|---------------------|-------------|----------------|-----------|----------|---------------------|----------------|-------|-----------------|-----------------|---------------------|-------------|----------------------------------|-------------|----------|-----------------|-----------------|--------------|------------------|------------|----------------------|-----------------------|---------------------|-------------------|-----------------|----------------|-------------|----------|-------------|--------------|------------------|---------|-----------|------------|------------------------|--------------------|--------------------------|----------------------------------|-----------|----------------|-----------|--------------|--------------|------------------|-----------------|-------------------|-------------------|------------------------|---------------------------|--------------|-------------------|------------------|------------------|---------------------|------------|-------------------|-------------------------|--------------------------|
| TOP OF CURB | TOP OF CONCRETE | TOP OF ASPHALT | TOP OF GRADE | INVERT | CAST IRON | REINFORCED CONC. PIPE | VITRIFIED CLAY PIPE | STORM DRAIN | SANITARY SEWER | WATERLINE | GAS LINE | STORM DRAIN MANHOLE | WATER FOUNTAIN | STEEL | WOOD LIGHT POLE | WOOD POWER POLE | SPRINKLER VALVE BOX | UNDERGROUND | OVERHEAD ELECTRIC (NO. OF LINES) | WATER VALVE | CONCRETE | WHEELCHAIR RAMP | CURB AND GUTTER | WATER FAUCET | ELECTRIC PULLBOX | ROOF DRAIN | HEAD OF CURB PLANTER | SYNTHETIC METAL BENCH | CAST IRON TREE WELL | BUILDING OVERHANG | METAL TRASH CAN | METAL HANDRAIL | METAL STEPS | CLEANOUT | WATER METER | HEAD OF CURB | ELECTRIC CONDUIT | MANHOLE | GAS METER | WOOD STEPS | GAS PRESSURE REGULATOR | WATER LINE TO ROOF | METER CAN WITH WATERLINE | OVERHEAD INTERCOM (NO. OF LINES) | THE ALARM | ELECTRIC METER | TELEPHONE | ELECTRIC BOX | WATER FAUCET | CABLE TELEVISION | CHAINLINK FENCE | TELEPHONE CONDUIT | ANTI-SPIROR VALVE | TRAFFIC SIGNAL PULLBOX | TRAFFIC SIGNAL W/WEST ARM | FIRE HYDRANT | TELEPHONE CABINET | EXISTING CONTOUR | STORM DRAIN LINE | SANITARY SEWER LINE | WATER LINE | PROPOSED CONCRETE | PROPOSED ASPHALT PAVING | NUMBER OF PARKING SPACES |
|-------------|-----------------|----------------|--------------|--------|-----------|-----------------------|---------------------|-------------|----------------|-----------|----------|---------------------|----------------|-------|-----------------|-----------------|---------------------|-------------|----------------------------------|-------------|----------|-----------------|-----------------|--------------|------------------|------------|----------------------|-----------------------|---------------------|-------------------|-----------------|----------------|-------------|----------|-------------|--------------|------------------|---------|-----------|------------|------------------------|--------------------|--------------------------|----------------------------------|-----------|----------------|-----------|--------------|--------------|------------------|-----------------|-------------------|-------------------|------------------------|---------------------------|--------------|-------------------|------------------|------------------|---------------------|------------|-------------------|-------------------------|--------------------------|

KEYED NOTES:

- CONSTRUCT 6" EXTRUDED CONCRETE CURB PER 1/13
- CONSTRUCT 6" CURB AND GUTTER PER 2/13
- CONSTRUCT 3" ASPHALT PAVEMENT PER 3/13
- ADJUST EXISTING MANHOLE TO GRADE PER C.O.A. STD. DWG. 2460
- ADJUST EXISTING VALVE BOX TO GRADE PER C.O.A. STD. DWG. 2460
- 12" HOPE PRIVATE STORM DRAIN @ S=0.0050 WITH CONNECTION TO EXISTING SDMH (SEE SHEET 11)
- SINGLE 10" PRIVATE STORM INLET PER C.O.A. STD. DWG. 2205 (SEE SHEET 11)
- CONSTRUCT 8" TURNDOWN SIDEWALK PER 4/13
- CONSTRUCT 26" PRIVATE ENTRANCE PER C.O.A. STD. DWG. 2426
- CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD. DWG. 2441
- CONSTRUCT CONCRETE SIDEWALK PER 5/13
- INSTALL 3" CHAINLINK FENCE PER C.O.A. STD. DWG. 2252. LEAVE 4' PEDESTRIAN OPENING AT WHEELCHAIR RAMP FROM VISITOR PARKING LOT
- INSTALL 6" CONCRETE WHEELSTOP, TYP.
- INSTALL WHITE REFLECTORIZED PAINT PAVEMENT MARKINGS
- INSTALL WHITE 4" REFLECTORIZED PAINT STRIPING, TYP.
- INSTALL WHITE REFLECTORIZED PAINT DIRECTIONAL ARROW, TYP.
- CONSTRUCT ADA ACCESSIBLE RAMP
- INSTALL REFLECTORIZED PAINT ADA SYMBOL
- INSTALL BECA 8101 14000 LUMEN PARKING AREA LIGHTING COMPLETE IN PLACE INCLUDING ALL CONDUIT, CONDUCTORS, RISERS, POLES, LUMINAIRES AND CONNECTIONS TO EXISTING POWER SOURCE.
- INSTALL 4' WIDE x 5' LONG WHITE REFLECTIVE PAVEMENT MARKINGS AT 10' SPACING
- INSTALL "KEEP RIGHT" SIGN WITH ARROW POINTING RIGHT (R4-7a)
- INSTALL "ONE WAY" SIGN WITH ARROW POINTING RIGHT (R6-1(R))
- INSTALL ADA APPROVED HANDICAP PARKING SIGN
- INSTALL "ONE WAY" SIGN (R6-1(R)) WITH ARROW POINTING RIGHT AND "NO LEFT TURN" SIGN (R3-1(L))
- INSTALL ADA APPROVED HANDICAP SIGN WITH VAN ACCESSIBLE PLACARD
- NEATLY SAWCUT, REMOVE, DISPOSE OF AND REPLACE EXISTING ASPHALT PAVEMENT PER C.O.A. STD. DWG. 2485

EASEMENT KEYED NOTES:

- 34' PUBLIC ROADWAY EASEMENT TO BE GRANTED TO THE CITY OF ALBUQUERQUE BY SEPARATE DOCUMENT
- 37'± RECIPROCAL PARKING AND ACCESS EASEMENT TO BE GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY SEPARATE DOCUMENT

991836

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
PARKING LOT SITE PLAN - WEST

Design Review Committee

City Engineer Approval

May 24 2001

City Project No. 648381

Zone Map No. K-13

Sheet 9 of 28

REMARKS

DESIGN

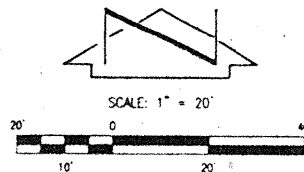
Designed By: C.J.S.

Drawn By: J.Y.R.

Checked By: J.G.M.

Date: 03-2001

Date: 03-2001



KEYED NOTES:

- 1 CONSTRUCT 6" EXTRUDED CONCRETE CURB PER 
- 2 CONSTRUCT 6" CURB AND GUTTER PER 
- 3 CONSTRUCT 3" ASPHALT PAVEMENT PER 
- 4 ADJUST EXISTING MANHOLE TO GRADE PER C.O.A. STD. DWG. 2460
- 5 ADJUST EXISTING VALVE BOX TO GRADE PER C.O.A. STD. DWG. 2460
- 6 SINGLE "C" PRIVATE STORM INLET PER C.O.A. STD. DWG. 2205 (SEE SHEET 12)
- 7 CONSTRUCT CONCRETE SIDEWALK PER 
- 8 INSTALL WHITE 4" REFLECTORIZED PAINT STRIPING, TYP.
- 9 12" D.I.P. PRIVATE STORM DRAIN @ S=0.0100 (SEE SHEET 12)
- 10 INSTALL BECA 8101 MH BLACK 14000 LUMEN PARKING AREA LIGHTING COMPLETE IN PLACE INCLUDING ALL CONDUIT, CONDUCTORS, RISERS, POLES, LUMINARIES AND CONNECTIONS TO EXISTING POWER SOURCE.
- 11 INSTALL "ONE WAY" SIGN (R6-1(R)) WITH ARROW POINTING RIGHT AND "NO LEFT TURN" SIGN (R3-1(L)).
- 12 12" PRIVATE SIDEWALK CULVERT (WEST OF R ) PER DETAILS, SHEET 13
- 13 CLOSE EXISTING PIPE OUTLET HOLE IN EXISTING STORM INLET WITH NON SHRINK GROUT

(A) PORTION OF ATLANTIC AVE. S.W. VACATED BY 0100-00000-00700 (VYRW), PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN \_\_\_\_\_

(B) 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-B \_\_\_\_\_

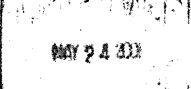
(C) 60' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON \_\_\_\_\_

(D) RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS, BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ DOC. # \_\_\_\_\_ (OFF SITE)

(E) PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ DOC. # \_\_\_\_\_ (OFF SITE)

(F) PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED \_\_\_\_\_ BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ DOC. # \_\_\_\_\_ (OFF SITE)

(G) PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT \_\_\_\_\_

|                                                                                                                       |                                                                                                                                                                                      |                    |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
|                                  | OFF HORTENSEN & ASSOCIATES, INC.<br>10000 HWY 9900 SUITE 100<br>ALBUQUERQUE □ NEW MEXICO 87109<br>ENGINEERS □ SURVEYORS (505) 343-4258<br>FAX (505) 343-4254 □ Email: jmarc@jcpc.com | DATE               | Designed By<br>Drawn By<br>Checked By                                                 |
|                                                                                                                       |                                                                                                                                                                                      | NO.                |                                                                                       |
|                                                                                                                       |                                                                                                                                                                                      |                    |                                                                                       |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                       |                                                                                                                                                                                      |                    |                                                                                       |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>PARKING LOT SITE PLAN - EAST |                                                                                                                                                                                      |                    |                                                                                       |
| Design Review Committee<br>      | City Engineer Approval<br>                                                                      | Last Design Update |  |
|                                                                                                                       |                                                                                                                                                                                      |                    |  |
|                                                                                                                       |                                                                                                                                                                                      |                    |                                                                                       |
| City Project No. 648381                                                                                               | Zone Map No. K-13                                                                                                                                                                    | Sheet 10           | Or 28                                                                                 |

SCANNED BY  
PLANNING

LEGEND

|                                  |          |                                  |          |
|----------------------------------|----------|----------------------------------|----------|
| TOP OF CURB                      | FL 44.70 | CLEANOUT                         | FL 44.70 |
| TOP OF CONCRETE                  | FL 44.70 | WATER METER                      | FL 44.70 |
| TOP OF WALL                      | FL 44.70 | HEADER CURB                      | FL 44.70 |
| TOP OF ASPHALT                   | FL 44.70 | ELECTRIC CONDUIT                 | FL 44.70 |
| TOP OF GRAVEL                    | FL 44.70 | HANDICAP                         | FL 44.70 |
| PAVEMENT                         | FL 44.70 | GAS PRESSURE REGULATOR           | FL 44.70 |
| CAST BORN                        | FL 44.70 | WATER LINE TO ROOF               | FL 44.70 |
| REINFORCED CONC. PIPE            | FL 44.70 | METER ON WITH WATERLINE          | FL 44.70 |
| WATERED CLAY PIPE                | FL 44.70 | OVERHEAD INTERCOM (NO. OF LINES) | FL 44.70 |
| STORM DRAIN                      | FL 44.70 | FIRE ALARM                       | FL 44.70 |
| SANITARY SEWER                   | FL 44.70 | ELECTRIC METER                   | FL 44.70 |
| WATERLINE                        | FL 44.70 | WATER FACET                      | FL 44.70 |
| GAS LINE                         | FL 44.70 | WATER FACET                      | FL 44.70 |
| STORM DRAIN MANHOLE              | FL 44.70 | WATER FACET                      | FL 44.70 |
| WATER FOUNTAIN                   | FL 44.70 | WATER FACET                      | FL 44.70 |
| STEEL                            | FL 44.70 | WATER FACET                      | FL 44.70 |
| WOOD LIGHT POLE                  | FL 44.70 | WATER FACET                      | FL 44.70 |
| WOOD POWER POLE                  | FL 44.70 | WATER FACET                      | FL 44.70 |
| SPRINKLER VALVE BOX              | FL 44.70 | WATER FACET                      | FL 44.70 |
| UNDERGROUND                      | FL 44.70 | WATER FACET                      | FL 44.70 |
| OVERHEAD ELECTRIC (NO. OF LINES) | FL 44.70 | WATER FACET                      | FL 44.70 |
| WATER VALVE                      | FL 44.70 | WATER FACET                      | FL 44.70 |
| CONCRETE                         | FL 44.70 | WATER FACET                      | FL 44.70 |
| WHEELCHAMP RAMP                  | FL 44.70 | WATER FACET                      | FL 44.70 |
| CURB AND GUTTER                  | FL 44.70 | WATER FACET                      | FL 44.70 |
| WATER FACET                      | FL 44.70 | WATER FACET                      | FL 44.70 |
| ELECTRIC PULLBOX                 | FL 44.70 | WATER FACET                      | FL 44.70 |
| ROOF DRAIN                       | FL 44.70 | WATER FACET                      | FL 44.70 |
| HEADER CURB PLANTER              | FL 44.70 | WATER FACET                      | FL 44.70 |
| SYNTHETIC METAL BENCH            | FL 44.70 | WATER FACET                      | FL 44.70 |
| EAST BORN TREE WELL              | FL 44.70 | WATER FACET                      | FL 44.70 |
| BUILDING OVERLAP                 | FL 44.70 | WATER FACET                      | FL 44.70 |
| METAL TRUCK CAN                  | FL 44.70 | WATER FACET                      | FL 44.70 |
| METAL HANGAR                     | FL 44.70 | WATER FACET                      | FL 44.70 |
| METAL STEPS                      | FL 44.70 | WATER FACET                      | FL 44.70 |
| DECIDUOUS TREE (CALPER SIZE)     | FL 44.70 | WATER FACET                      | FL 44.70 |
| CONFERRUS TREE (CALPER SIZE)     | FL 44.70 | WATER FACET                      | FL 44.70 |

LEGAL DESCRIPTION

EXISTING:  
TRACT A, DOLORES GONZALES ELEMENTARY SCHOOL  
PROPOSED:  
TRACT A-1, DOLORES GONZALES ELEMENTARY SCHOOL

KEYED NOTES

1. CONSTRUCT SINGLE 'C' PRIVATE STORM INLET PER C.O.A. STD. DWG. 2205
2. CONSTRUCT 12" SIDEWALK CULVERT PER DETAIL SHEET 13
3. REMOVE AND DISPOSE OF EXISTING STORM INLET AND CONNECTOR PIPE. CLOSE PIPE INLET HOLE IN EXISTING MANHOLE WITH NON-SHRINK GROUT.
4. REMOVE AND DISPOSE OF EXISTING STORM INLET. REMOVE AND DISPOSE OF A PORTION OF EXISTING 12" PCP STORM DRAIN BETWEEN EXISTING AND PROPOSED STORM INLETS.
5. REMOVE AND DISPOSE OF EXISTING 12" D.I.P. STORM DRAIN
6. INSTALL 12" D.I.P. PRIVATE STORM DRAIN PIPE AT S=0.0100
7. INSTALL 12" HDPE PRIVATE STORM DRAIN PIPE AT S=0.0050 AND CONNECT TO EXISTING STORM DRAIN MANHOLE; INV @ MH=41.47

EASEMENT KEYED NOTES

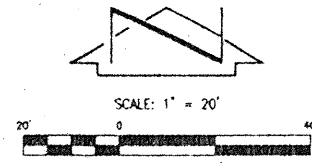
1. PORTION OF ATLANTIC AVENUE S.W. VACATED BY 00410-00000-00700 (WRM). PUBLIC AND PRIVATE UTILITY EASEMENTS TO REMAIN
2. 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2000C-82
3. 60' RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY PLAT. MAINTENANCE RESPONSIBILITIES SHALL BE DETERMINED BY THE JOINT USE AGREEMENT EXECUTED ON
4. RECIPROCAL PARKING AND ACCESS EASEMENT GRANTED TO ALBUQUERQUE PUBLIC SCHOOLS BY DOCUMENT FILED BOOK PAGE DOC. (OFF SITE)
5. PUBLIC ROADWAY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK PAGE DOC. (OFF SITE)
6. PUBLIC STORM DRAIN EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY DOCUMENT FILED BOOK PAGE DOC. (OFF SITE)
7. PUBLIC STORM DRAIN EASEMENT GRANTED BY PLAT.

CONSTRUCTION NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 280-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
7. ALL EXISTING UTILITIES ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS SHALL BE ADJUSTED TO GRADE.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING CONSTRUCTION.



MATCH LINE FOR CONTINUATION, SEE SHEET 12

NOTE:  
THIS IS NOT A BOUNDARY SURVEY. BOUNDARY DATA WAS TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY JEFF MORTENSEN & ASSOC. INC., AND IS SHOWN FOR ORIENTATION ONLY.

| AS BUILT INFORMATION |      | BENCH MARKS                                                                                                                                                                                                                                           |      | SURVEY INFORMATION |      | ENGINEER'S SEAL |      |
|----------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|------|-----------------|------|
| CONTRACTOR           | DATE | STATION                                                                                                                                                                                                                                               | DATE | NO.                | DATE | NO.             | DATE |
| DESIGNED BY          | DATE | CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE CURB. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOKES AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET. ELEVATION = 444.026 FEET (N.S.D.) | DATE | 981826             | JMA  | BY              | DATE |
| REVIEWED BY          | DATE |                                                                                                                                                                                                                                                       | DATE |                    |      | REVISIONS       | DATE |
| APPROVED BY          | DATE |                                                                                                                                                                                                                                                       | DATE |                    |      | DESIGN          | DATE |
| RECORDED BY          | DATE |                                                                                                                                                                                                                                                       | DATE |                    |      |                 | DATE |
| MAINTAINED BY        | DATE |                                                                                                                                                                                                                                                       | DATE |                    |      |                 | DATE |

991836

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
GRADING AND PLAN - WEST

Design Review Committee: [ ] City Engineer Approval: [ ]  
Date: MAY 2 & 3, 2001  
City Engineer: [ ]

City Project No. 648381 Zone Map No. K-13 Sheet 11 of 28



LEGAL DESCRIPTION

## KEYED NOTES

## EASEMENT KEYED NOTES

**CONSTRUCTION NOTES:**

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION  
CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM  
260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537)  
(STATEWIDE), FOR LOCATION OF EXISTING UTILITIES.

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3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES. PIPELINES, UNDERGROUND UTILITY LINES, ETC., THIS INVESTIGATION IS NOT COMPLETE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE NEAR THE WORK, IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION WORK, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

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3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

JOFF MORTENSEN & ASSOCIATES, INC.  
☐ 6850-3 MIDWAY PARK BLVD. N.E.  
☐ ALBUQUERQUE ☐ NEW MEXICO 87109  
☐ ENGINEERS ☐ SURVEYORS (505) 345-4256  
☐ FAX 505 345-4254 ☐ EMail jma@swcd.com

991836

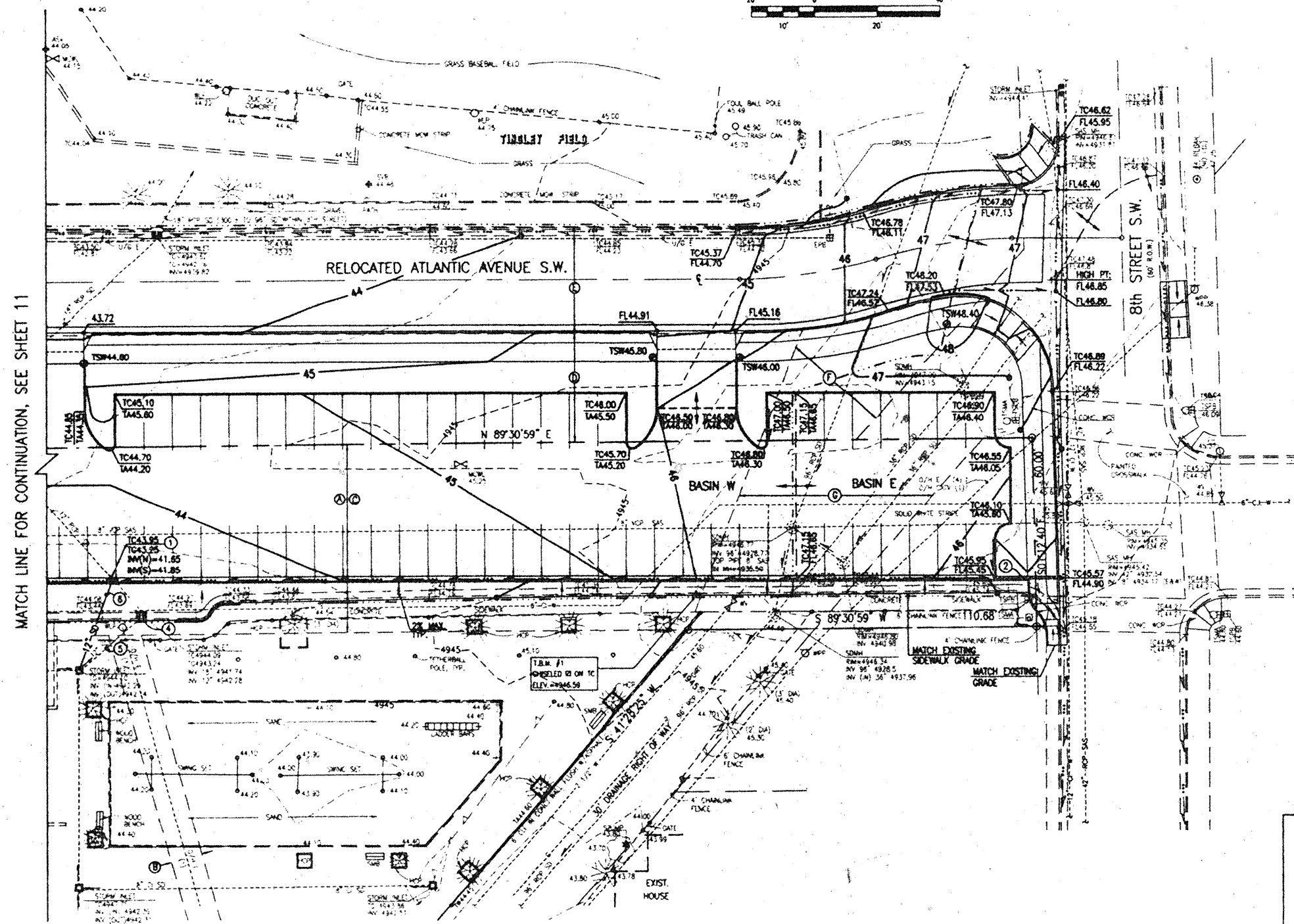
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

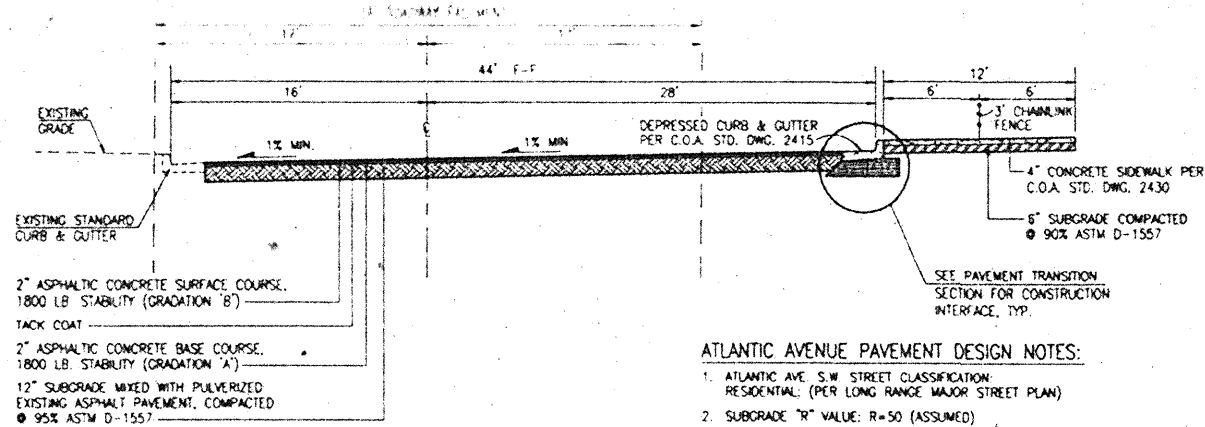
TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
GRADING PLAN - EAST

|                          |                        |                    |          |          |
|--------------------------|------------------------|--------------------|----------|----------|
| Design, Review Committee | City Engineer Approval | Last Design Update | 10/20/03 | 10/20/03 |
| MAY 29                   | MAY 24 2004            |                    |          |          |
|                          | CITY ENGINEER          |                    |          |          |

City Project No. 648381 Zone Map No. K-13 Sheet 12 of 28

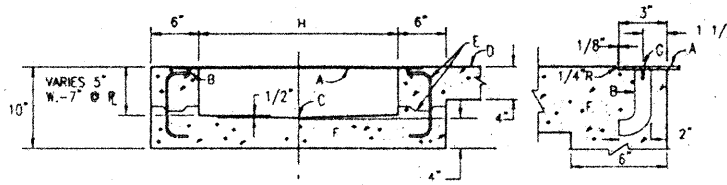
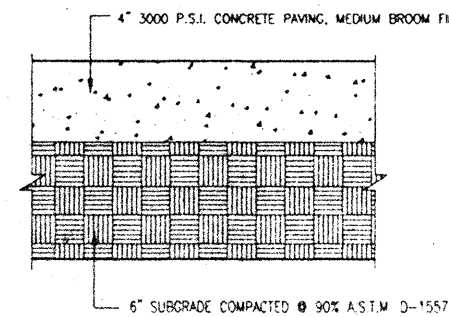
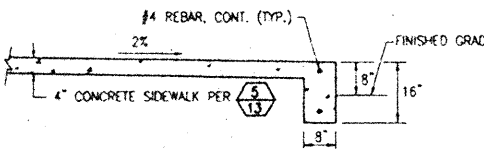
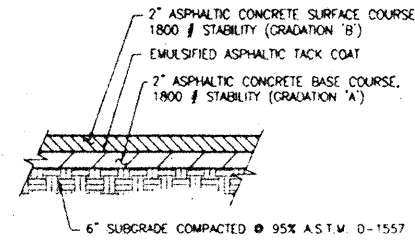
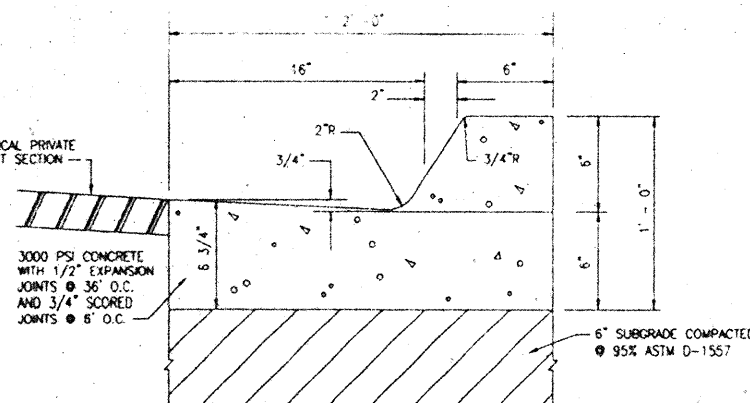
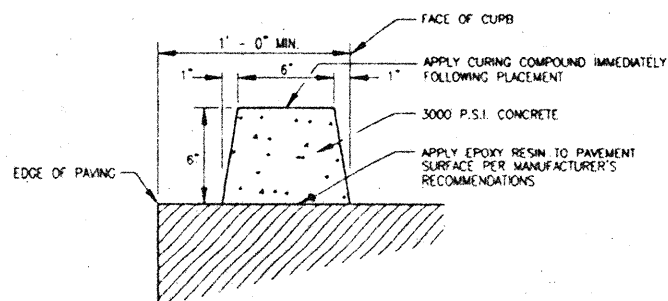
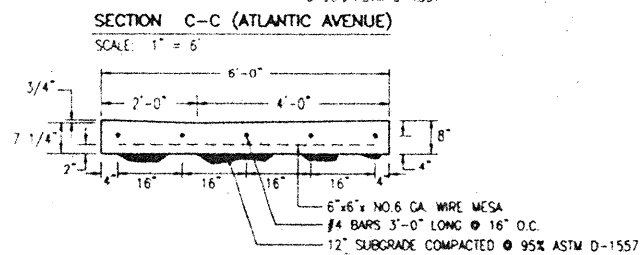
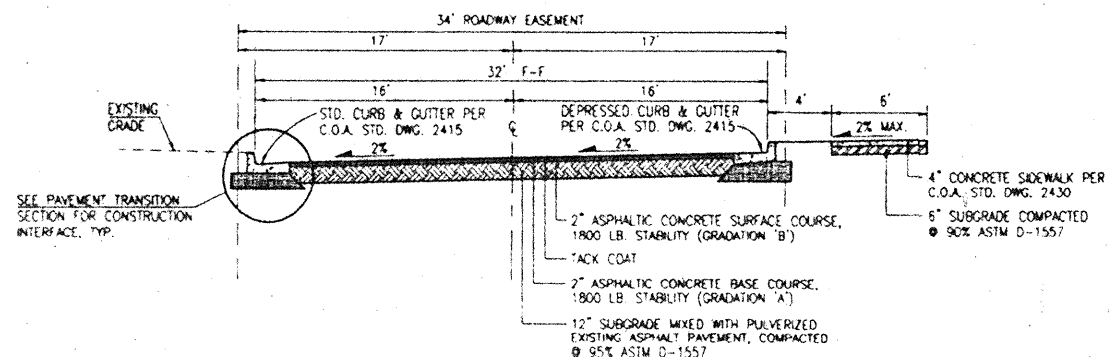
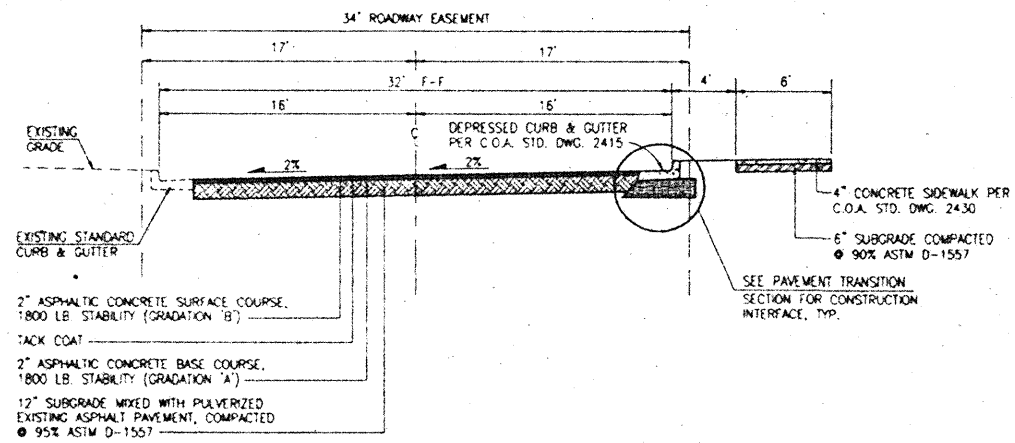
NOTE:  
THIS IS NOT A BOUNDARY SURVEY. BOUNDARY  
DATA WAS TAKEN FROM A TOPOGRAPHIC SURVEY  
PERFORMED BY JEFF MORTENSEN & ASSOC. INC  
AND IS SHOWN FOR ORIENTATION ONLY.





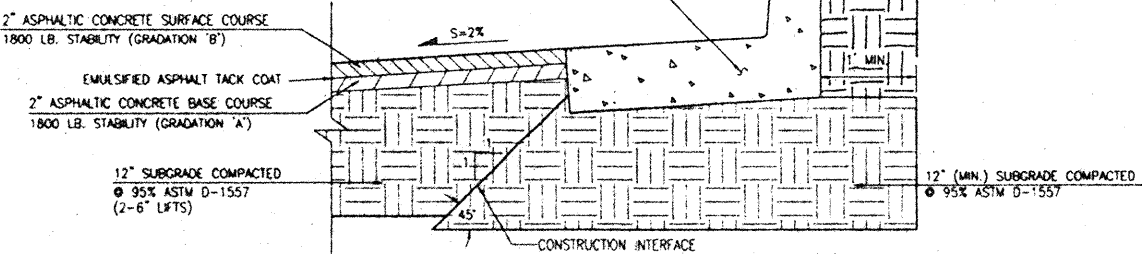
#### ATLANTIC AVENUE PAVEMENT DESIGN NOTES:

- ATLANTIC AVE. S.W. STREET CLASSIFICATION: RESIDENTIAL (PER LONG RANGE MAJOR STREET PLAN)
- SUBGRADE "R" VALUE: R=50 (ASSUMED)
- 1998 TRAFFIC VOLUME FOR ATLANTIC AVE. S.W. 1998 = 1058 AMDT (OBTAINED FROM M.R.C.C.G.)
- 2021 TRAFFIC VOLUME FOR ATLANTIC AVE. S.W. GROWTH RATE: 4%/YR (PER DPM TABLE 23.4.3) 2021 = 2608 AMDT
- PER "CHANGES TO DPM/CITY STANDARDS REGARDING PAVEMENT SECTIONS" MEMO DATED JAN. 2, 1998, 500 AMDT ≤ V ≤ 3000 AMDT CLASS 2 = 4" PAVEMENT

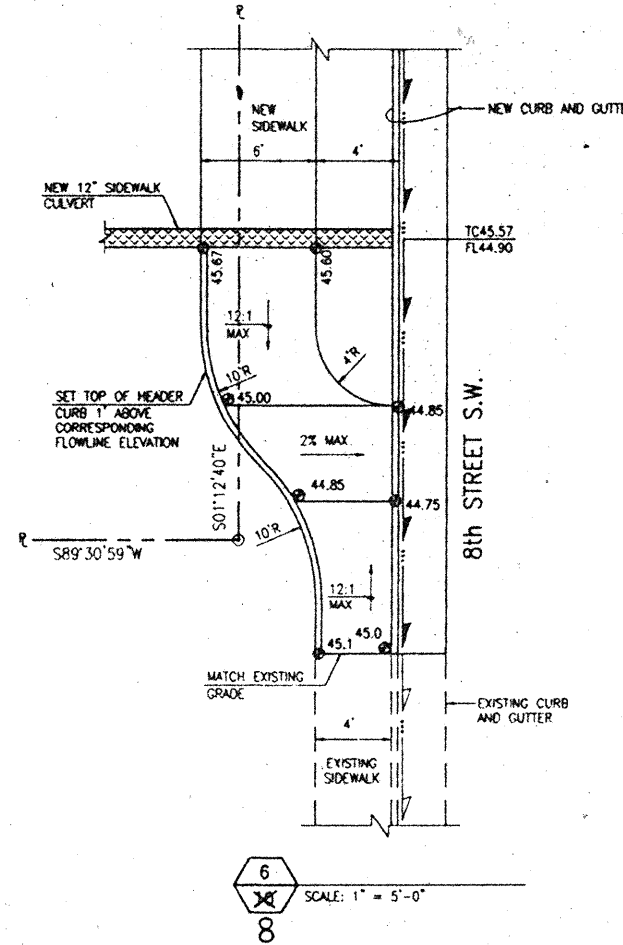


- #### CONSTRUCTION NOTES:
- 3/8" CHECKERED STEEL PLATE.
  - ROD ANCHOR 1" x 5"
  - "V" INVERT
  - SIDEWALK GRADE
  - DOWEL AND JOINT, (OPTIONAL).
  - 3000 PSI CONCRETE
  - 3/8" x 1" F.H. C/SUNK STAINLESS STEEL MACHINE SCREW.
  - DRAIN WIDTH, 24" MAX. 12" MIN.

#### TYPICAL SIDEWALK CULVERT DETAILS (PRIVATE)



NOTE: ALL SUBGRADE MATERIAL SHALL HAVE A MINIMUM R-VALUE OF 50 PER C.O.A. SPECIFICATION SECTION 301. SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL, OR, A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.



| AS BUILT INFORMATION                                                                                                                                                                                                                                                                     |              |                    |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|--------------|
| CONTRACTOR                                                                                                                                                                                                                                                                               | DATE         | DATE               | DATE         |
| STATION IS 5 STANDARD AS BUILT TABLE STAMPED "1-K13" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE TURF. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOKER AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET. | DATE         | DATE               | DATE         |
| ELEVATION = 4944.028 FEET (M.S.L.D.)                                                                                                                                                                                                                                                     | DATE         | DATE               | DATE         |
| SURVEY INFORMATION                                                                                                                                                                                                                                                                       |              |                    |              |
| FIELD NOTES                                                                                                                                                                                                                                                                              | DATE         | DATE               | DATE         |
| NO. 981876                                                                                                                                                                                                                                                                               | 03-2000      | JMA                | 8547         |
| ENGINEER'S SEAL                                                                                                                                                                                                                                                                          |              |                    |              |
| NO. 981876                                                                                                                                                                                                                                                                               | DATE 03-2000 | DESIGNED BY C.J.S. | DATE 03-2000 |
| REVISIONS                                                                                                                                                                                                                                                                                | DATE 03-2000 | DRAWN BY J.Y.R.    | DATE 03-2000 |
| DESIGN                                                                                                                                                                                                                                                                                   | DATE 03-2000 | CHECKED BY J.G.H.  | DATE 03-2000 |
| NO. 981876                                                                                                                                                                                                                                                                               | DATE 03-2000 | DATE 03-2000       | DATE 03-2000 |

**JMA**  
991836

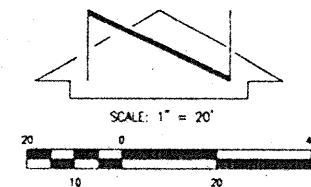
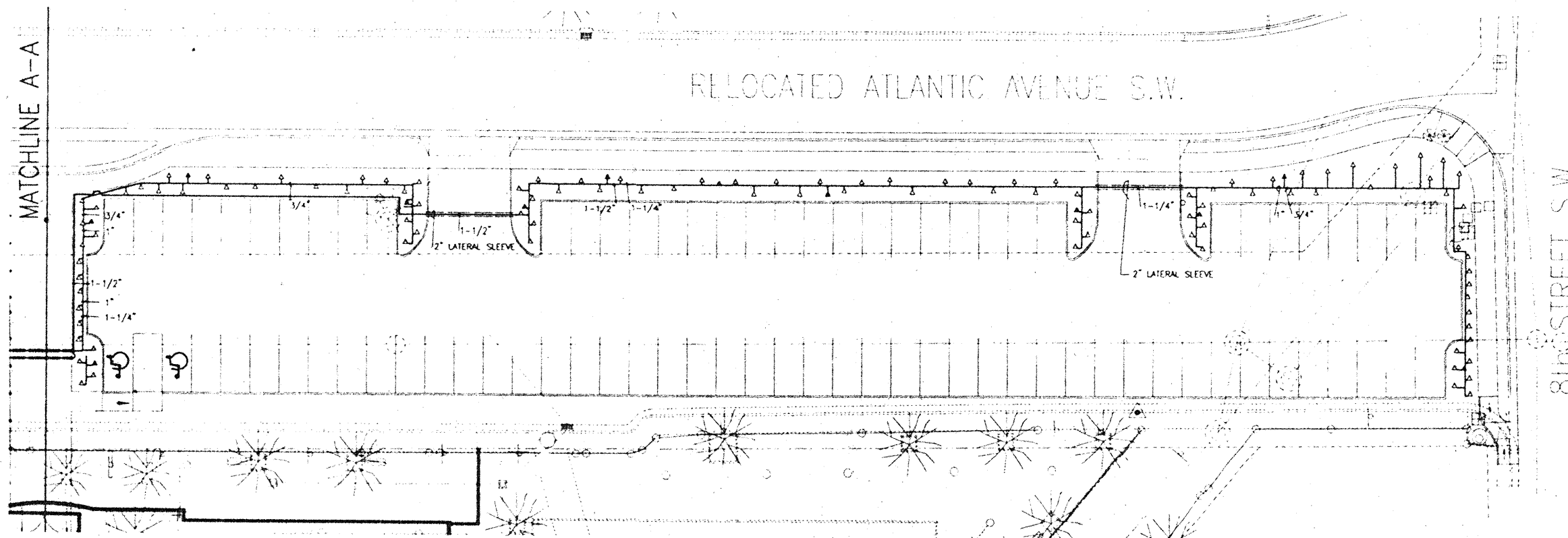
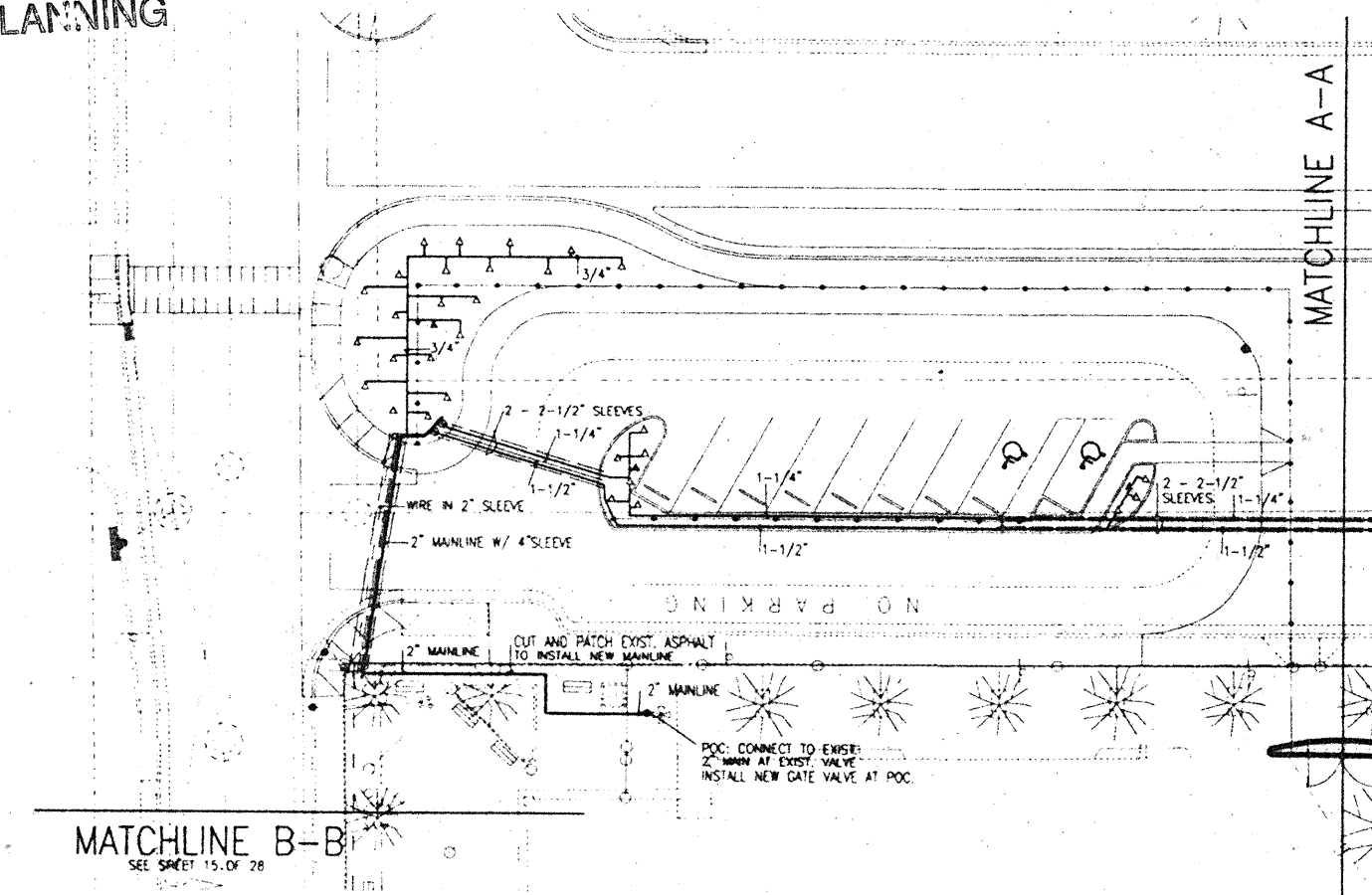
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
SECTIONS AND DETAILS

Design Review Committee  
City Engineer Approval  
Last Design Update  
City Seal

City Project No. 648381  
Zone Map No. K-13  
Sheet 13 of 28

SCANNED BY  
PLANNING



WESTWIND  
LANDSCAPE CONSTRUCTION, INC.  
2739 VASSAR PLACE NE  
ALBUQUERQUE, NM 871107  
505-881-8925 VOICE  
505-883-7052 FAX

|                                                                                                             |                          |
|-------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>City of Albuquerque</b><br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                      |                          |
| TITLE: <b>DOLORES GONZALES ELEMENTARY SCHOOL/<br/>ATLANTIC AVENUE S.W. RELOCATION<br/>IRRIGATION PLAN 1</b> |                          |
| DESIGN REVIEW COMMITTEE                                                                                     | CITY ENGINEER APPROVAL   |
| DATE: MAY 24 2001                                                                                           | DATE: MAY 24 2001        |
| CITY OF ALBUQUERQUE                                                                                         | CITY OF ALBUQUERQUE      |
| City Project No. <b>648381</b>                                                                              | Zone Map No. <b>K-13</b> |
| Sheet <b>14</b> of <b>28</b>                                                                                |                          |

Designed By: E. Colleen  
Drawn By: E. Colleen  
Checked By: R. G. Brown

REVISIONS  
NO. DATE  
1 2/2001  
2 2/2001  
3 2/2001

LANDSCAPE ARCHITECT'S SEAL  
*[Signature]*

SCALE: 1" = 20'

10 20 30

City of Albuquerque  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

DOLORES GONZALES ELEMENTARY SCHOOL/  
ATLANTIC AVENUE S.W. RELOCATION  
IRRIGATION PLAN 1

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MAY 24 2001

CITY OF ALBUQUERQUE

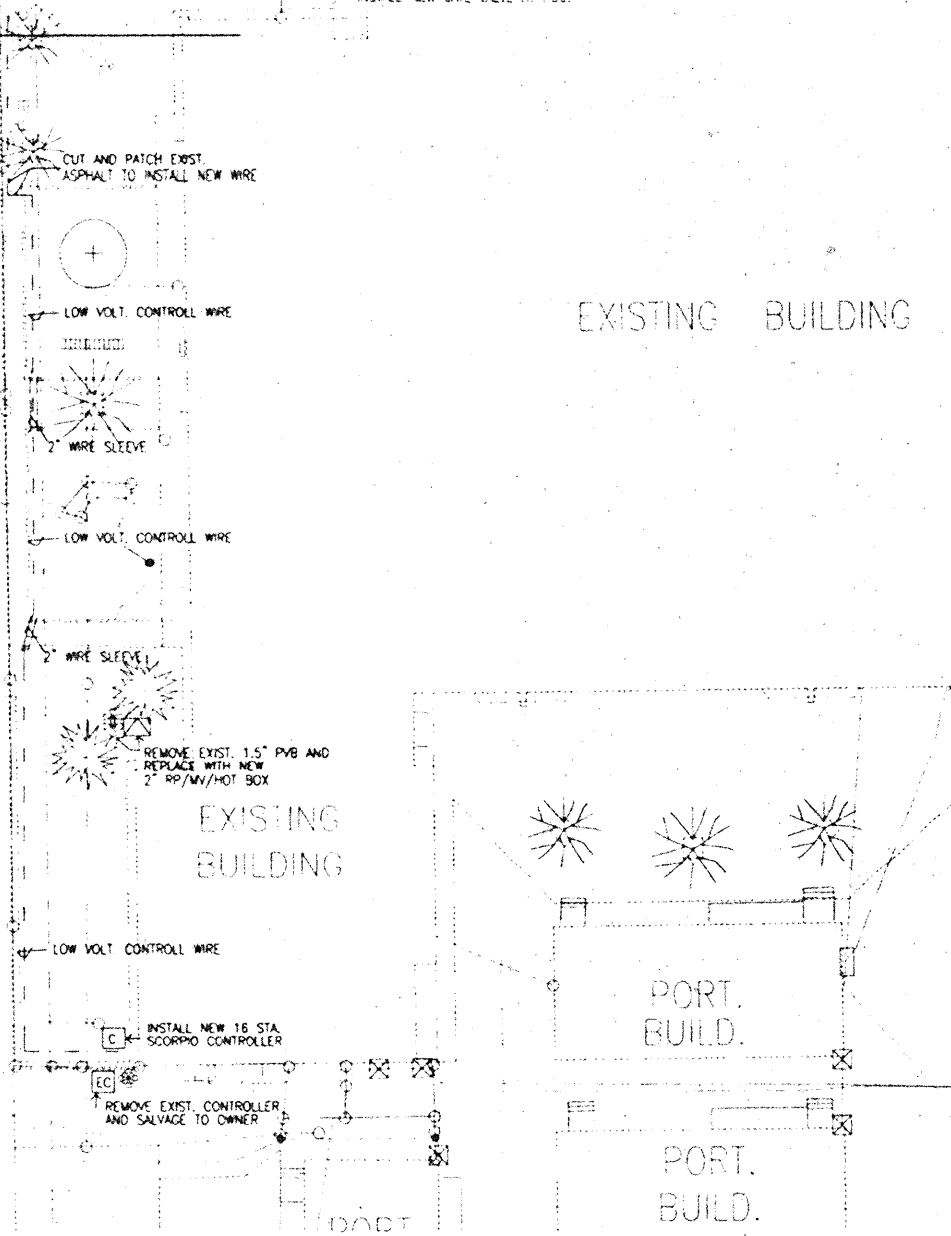
City Project No. 648381

Zone Map No. K-13

Sheet 14 of 28



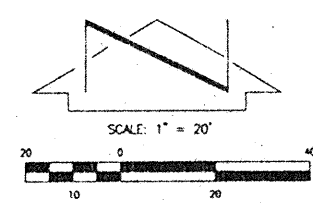
MATCHLINE B-B  
SEE SHEET 15-D-28



# IRRIGATION LEGEND

- == SCH. 40 PVC SLEEVE, SIZE AS NOTED ON PLAN
- 2" WATTS BRASS GATE VALVE
- ☒ 2" RP/MASTER VALVE/ HOT BOX:  
2 B25Y BY FERCO W/ BALL VALVE,  
HB2 FIBERGLASS HOT BOX AND HEAT TAPE.
- ☐ CONTROLLER:  
16 STATION SCORPIO CONTROLLER W/ PEDESTAL
- 2" SCH. 40 MAINLINE
- SCH. 40 LATERAL LINES, SIZE AS NOTED ON PLAN
- 1" WEATHERMATIC 11024FCR-10 ZONE VALVE.
- △ RAINBIRD 1401 25 GPM BUBBLER
- ▲ RAINBIRD 1404 1.0 GPM BUBBLER

IRRIGATION SYSTEM SHALL BE INSTALL PER APS STANDARD DETAILS.

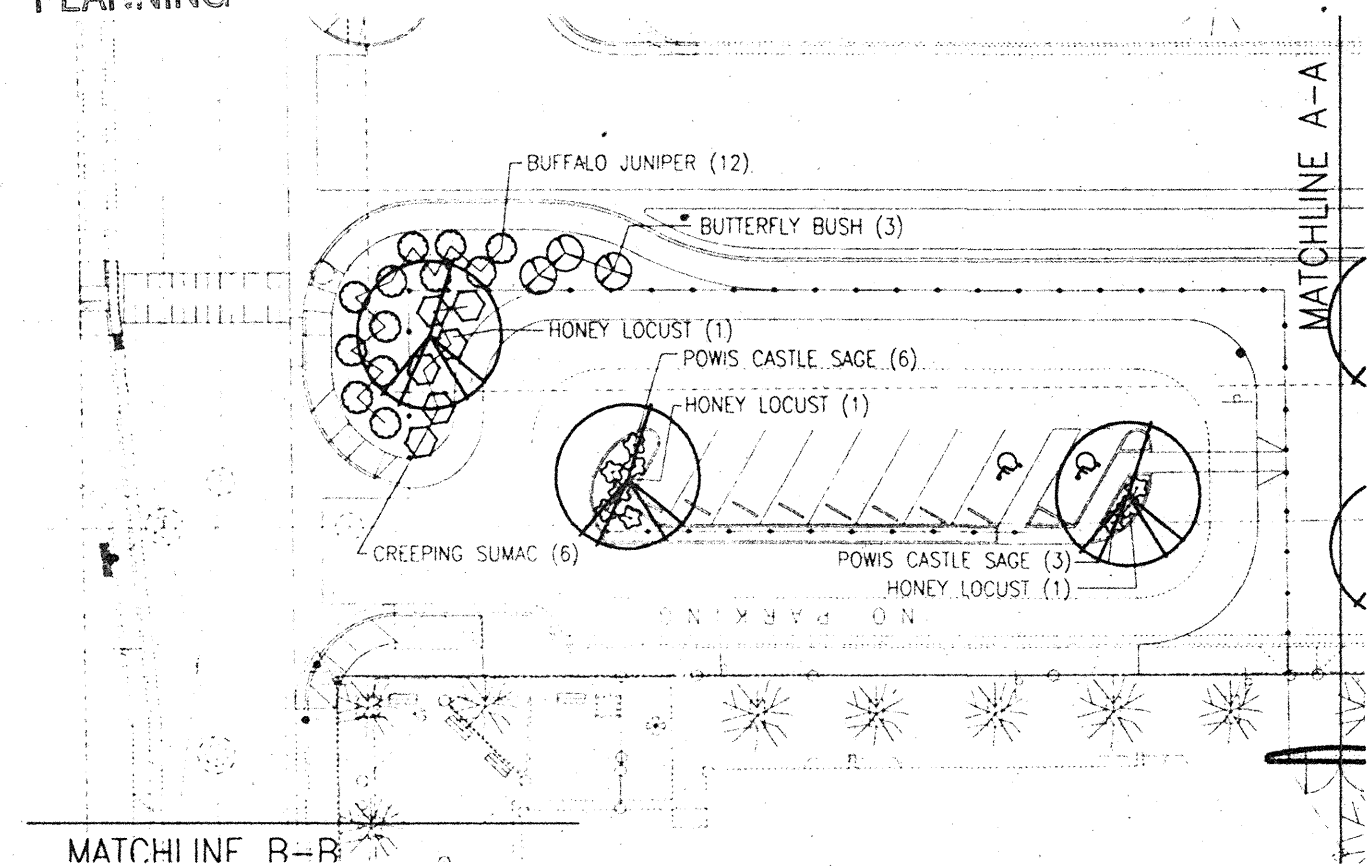


**WESTWIND**  
LANDSCAPE CONSTRUCTION, INC.  
2739 VASSAR PLACE NE  
ALBUQUERQUE, NM 87107  
505-881-8925 VOICE  
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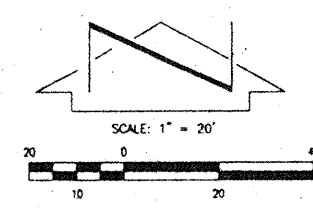
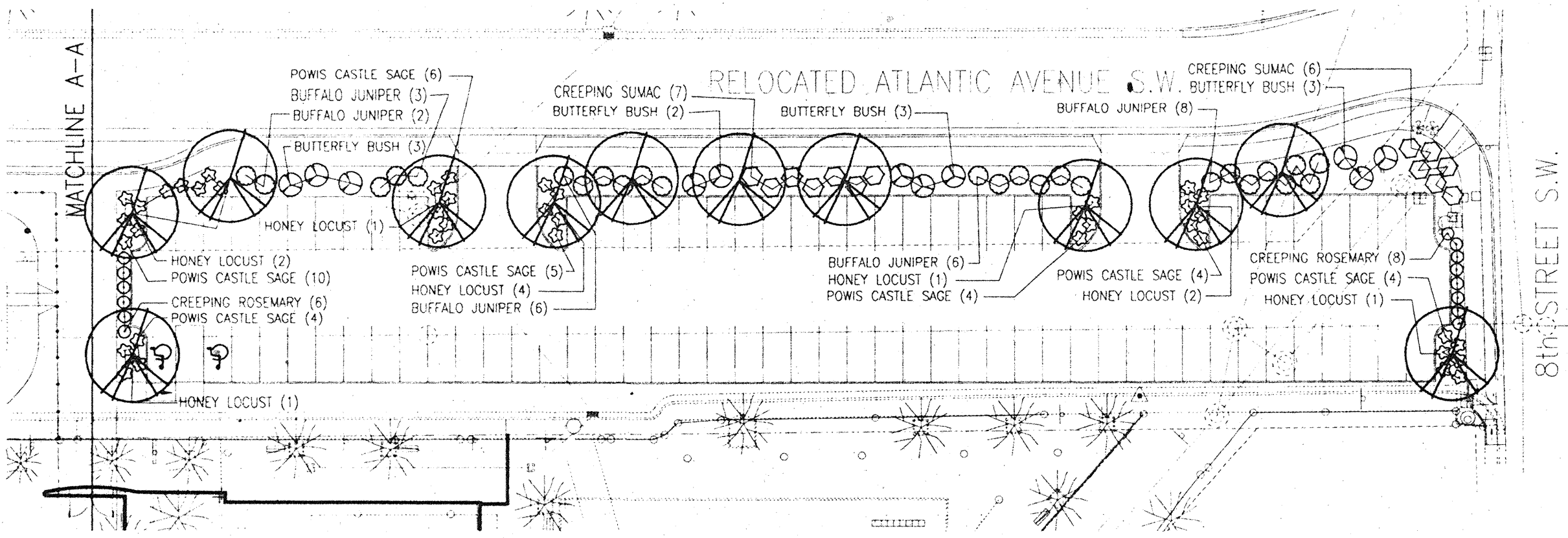
|                                                                                                             |                            |                                                                                                                                                                  |                              |
|-------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|                                                                                                             |                            | <small>JEFF NORTHEN &amp; ASSOCIATES, INC.<br/>6800 N. MICHIGAN PARK BLVD. N.E.<br/>ALBUQUERQUE, N.M. 87110<br/>ENGINEERS &amp; SURVEYORS (505) 345-4299</small> |                              |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                             |                            |                                                                                                                                                                  |                              |
| TITLE: <b>DOLORES GONZALES ELEMENTARY SCHOOL/<br/>ATLANTIC AVENUE S.W. RELOCATION<br/>IRRIGATION PLAN 2</b> |                            |                                                                                                                                                                  |                              |
| Design Review Committee<br>                                                                                 | City Engineer Approval<br> | NO.                                                                                                                                                              | DATE                         |
| City Project No. <b>648381</b>                                                                              |                            | Zone Map No. <b>K-13</b>                                                                                                                                         | Sheet <b>15</b> of <b>28</b> |

| SURVEY INFORMATION |         | BENCH MARKS |      | AS BUILT INFORMATION                                                                                                                                                                                                                                                                    |      |
|--------------------|---------|-------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| NO.                | DATE    | BY          | DATE | CONTRACTOR                                                                                                                                                                                                                                                                              | DATE |
| 981826             | 03-2000 | JMA         |      | STATION IS STANDARD ACS BRASS TABLET STAMPED "1-KIT" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE TURF. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOVER AVE. SW. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET. |      |
|                    |         |             |      | RECORDED BY                                                                                                                                                                                                                                                                             | DATE |
|                    |         |             |      | NO.                                                                                                                                                                                                                                                                                     |      |

SCANNED BY  
PLANNING



| PLANT LIST                |                                  |          |                      |                  |                |
|---------------------------|----------------------------------|----------|----------------------|------------------|----------------|
| COMMON NAME               | BOTANICAL NAME                   | QUANTITY | SIZE                 | MATURE           | COMMENTS       |
| TREES                     |                                  |          |                      |                  |                |
| HONEY LOCUST              | Gleditsia triacanthos 'nervosa'  | 15       | 2" CAL., 12'-14" HT. | 35' HT., 8" SPD. | 24" BOX OR B&B |
| SHRUBS                    |                                  |          |                      |                  |                |
| BUFFALO JUNIPER           | Juniperus sabina 'Buffalo'       | 37       | 3" HT., 18" SPD.     | 8' HT., 6" SPD.  | 5 GALLON       |
| CREEPING ROSEMARY         | Rosmarinus officinalis prostrata | 14       | 4" HT., 18" SPD.     | 2' HT., 6" SPD.  | 5 GALLON       |
| CREEPING SUMAC            | Rhus trilobata prostrata         | 19       | 3" HT., 12" SPD.     | 2' HT., 5" SPD.  | 5 GALLON       |
| ORNAMENTAL BUTTERFLY BUSH | Buddleia davidii                 | 14       | 24" HT. & SPD.       | 5' HT. & SPD.    | 10 GALLON      |
| POWIS CASTLE SAGE         | Artemisia x Powis Castle         | 50       | 3" HT., 12" SPD.     | 2' HT., 5" SPD.  | 5 GALLON       |



WESTWIND  
LANDSCAPE CONSTRUCTION, INC.  
2730 VISSAR PLACE NE  
ALBUQUERQUE, NM 87107  
505-881-8825 VOICE  
505-883-7052 FAX

|                                                                                                                                                 |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>Jma</b><br>JAMES MORTIMER & ASSOCIATES, INC.<br>4800 S. DEWITT PARK BLVD. N.E.<br>ALBUQUERQUE, N.M. 87110<br>ENGINEERS & SURVEYORS 1960-2000 |                        |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                                                 |                        |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/<br>ATLANTIC AVENUE S.W. RELOCATION<br>PLANTING PLAN                                                  |                        |
| Design/Review Committee                                                                                                                         | City Engineer Approval |
| DATE: MAY 24 2001                                                                                                                               | CITY ENGINEER          |
| City Project No. 648381                                                                                                                         | Zone Map No. K-13      |
| Sheet 16                                                                                                                                        | Of 28                  |

|                                                                                                                                                                                                                                                                                                                                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| AS BUILT INFORMATION                                                                                                                                                                                                                                                                                                                           |              |
| CONTRACTOR                                                                                                                                                                                                                                                                                                                                     | DATE         |
| DESIGNED BY                                                                                                                                                                                                                                                                                                                                    | DATE         |
| CHECKED BY                                                                                                                                                                                                                                                                                                                                     | DATE         |
| RECORDED BY                                                                                                                                                                                                                                                                                                                                    | DATE         |
| MICRO-FILM INFORMATION                                                                                                                                                                                                                                                                                                                         |              |
| NO.                                                                                                                                                                                                                                                                                                                                            | DATE         |
| BENCH MARKS                                                                                                                                                                                                                                                                                                                                    |              |
| STATION IS 5 STANDARD ACS BRASS TABLET STAMPED "1-413" SET<br>IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE<br>TURF. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE<br>INTERSECTION OF 8TH STREET S.E. AND STOKER AVE. S.W. AND 0.7<br>FEET WEST OF THE WEST CURB ON 8TH STREET.<br>ELEVATION = 4944.026 FEET (M.S.L.D.) |              |
| SURVEY INFORMATION                                                                                                                                                                                                                                                                                                                             |              |
| NO.                                                                                                                                                                                                                                                                                                                                            | DATE         |
| BY                                                                                                                                                                                                                                                                                                                                             | DATE         |
| NO.                                                                                                                                                                                                                                                                                                                                            | DATE         |
| LANDSCAPE ARCHITECT'S SEAL                                                                                                                                                                                                                                                                                                                     |              |
| REVISIONS                                                                                                                                                                                                                                                                                                                                      |              |
| NO.                                                                                                                                                                                                                                                                                                                                            | DATE         |
| REMARKS                                                                                                                                                                                                                                                                                                                                        | DATE         |
| DESIGN                                                                                                                                                                                                                                                                                                                                         | DATE         |
| DATE: 2/2001                                                                                                                                                                                                                                                                                                                                   | DATE: 2/2001 |
| DATE: 2/2001                                                                                                                                                                                                                                                                                                                                   | DATE: 2/2001 |

1. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT NATIONAL ELECTRIC CODE, THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING AND APPARATUS, AND THE CITY'S TRAFFIC ENGINEERING OPERATIONS THIRD DRAFT SPECIFICATIONS (JUNE 1994).
2. LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE CITY'S TRAFFIC ENGINEERING OPERATIONS PERSONNEL IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
4. THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND ANY DRIVEWAYS FOR SIDE STREET CROSSINGS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
5. SPLICING OF COMMUNICATIONS CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINETS OR CONTROLLER CABINETS WITH SPLICE BARS. SPLICING OF TRAFFIC SIGNALS MCC WILL BE PERMITTED IN LARGE PULL BOXES INCLUDING LARGE MEDIAN PULL BOXES. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED FROM THE MASTARM BASE TO THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE DETECTOR TO THE CONTROLLER CABINET.
6. ALL LOOP LEAD-IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLE SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
7. ALL PULL BOXES SHALL BE REINFORCED POLYMER MORTAR HEAVY DUTY TYPE WITH REINFORCED POLYMER MORTAR HEAVY DUTY COVERS. CONCRETE COVERS, STEEL COVERS, AND CONCRETE PULL BOXES WILL NOT BE ACCEPTABLE.
8. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS(857-8000) THREE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL ASSIST THE CONTRACTOR IN FIELD LOCATION OF EQUIPMENT, COLOR CODING OF WIRING, AND MUST BE PRESENT WHEN SIGNALS AND LIGHTING ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED.
9. THE CONTRACTOR SHALL NOTIFY PUBLIC SERVICE COMPANY 30 DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH PUBLIC SERVICE COMPANY TO ESTABLISH ELECTRICAL SERVICE IN THE CITY'S NAME. THE CONTRACTOR SHALL PAY THE LOCAL POWER COMPANY ALL COSTS TO PROVIDE ELECTRICAL SERVICE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
10. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING SIGNING AND DELIVER TO THE CITY TRAFFIC ENGINEERING YARDS WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
11. LIVE UNUSED CONDUCTORS WILL NOT BE ALLOWED AT MASTARM POLES AND PEDESTAL POLES. ALL SUCH UNUSED CONDUCTORS SHALL BE DISCONNECTED AT THE LARGE PULL BOX ADJACENT TO THE POLE.
12. IF TRENCH WIDTHS LESS THAN 12" ARE PROPOSED BY THE CONTRACTOR, APPROVED COMPACTION METHODS SHALL BE USED DURING BACKFILL TO PREVENT LATENT TRENCH FAILURES. THE CONTRACTOR SHALL USE GROUT OR LEAN FILL AS APPROVED BY THE PROJECT MANAGER IN LIEU OF EARTH BACKFILL.
13. FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES, THE REQUIREMENTS FOR A SINGLE CONDUCTOR BARE COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
14. THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL PROVIDE TRAFFIC SIGNAL TIMING PLANS AND WILL PROGRAM TRAFFIC SIGNAL CONTROLLERS.
15. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
16. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
17. CONTRACTOR SHALL COIL EXCESS INTERCONNECT CABLE AT ALL NEW OR EXISTING TRAFFIC MANHOLES BETWEEN SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BARS. IF MORE THAN ONE MANHOLE EXISTS BETWEEN SPLICE CABINETS OR CONTROL CABINETS WITH SPLICE BARS, THEN COILING IS ONLY REQUIRED AT ONE OF THE MANHOLES. THE FOLLOWING QUANTITIES OF COMMUNICATION CABLE SHALL BE COILED:
  - 12 PAIR - 50 FT.
  - 25 PAIR - 50 FT.
  - 50 PAIR - 25 FT.
  - 75 PAIR - 25 FT.
18. THE CONTRACTOR SHALL PROVIDE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
19. ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM "AS-BUILT" DRAWINGS AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES, COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
20. THE CONTRACTOR SHALL VIDEO TAPE THE EXISTING TRAFFIC SIGNAL EQUIPMENT IN VHS FORMAT AND REVIEW THE TAPE WITH CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS PERSONNEL PRIOR TO BEGINNING ANY REMOVALS OF SIGNAL EQUIPMENT. THE TAPE SHALL BECOME THE PROPERTY OF THE CITY AND MAY BE USED TO RESOLVE ANY QUESTIONS RELATED TO THE ORIGINAL CONDITION AND QUALITY OF EXISTING EQUIPMENT. THE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING POLES, CONTROLLER CABINETS, CONFLICT MONITORS, AND DETECTORS SHALL BE DELIVERED TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING YARD ON PINO ROAD NE.

1. REMOVAL OF EXISTING PULL BOXES, CONDUITS, OR OTHER SIGNAL EQUIPMENT FOR INSTALLATION OF NEW SIGNAL EQUIPMENT.
2. CABLE TESTING AND DIAGRAMS.
3. BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVE PADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS). FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
4. LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
5. DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
6. APPRISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
7. HAULING OF MATERIAL TO BE DISPOSED TO CITY LANDFILL.
8. REMOVAL, SALVAGE, AND TRANSPORTATION OF EXISTING SIGNAL EQUIPMENT TO THE TRAFFIC ENGINEERING OPERATIONS YARD.
9. LEAN FILL FOR CONDUIT TRENCHES.
10. PULL BOX ADJUSTMENT TO GRADE.
11. OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL.
12. REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
13. COST FOR PUBLIC SERVICE COMPANY TO PROVIDE ELECTRICAL SERVICE.

\* ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

1. THIS PROJECT IS AN EXTENSION OF AN EXISTING SIGNAL SYSTEM. THEREFORE THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
  - A. ALL TRAFFIC SIGNAL CONTROLLERS SUPPLIED FOR THIS PROJECT SHALL BE TYPE P, AND MANUFACTURED BY ECONOLITE.
  - B. ALL TRAFFIC SIGNAL CONTROLLER CABINETS SUPPLIED FOR THIS PROJECT SHALL BE 4 PHASE, AND MANUFACTURED BY ECONOLITE.
  - C. ALL RED SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS SHALL BE LIGHT EMITTING DIODE (LED)
  - D. ALL TRAFFIC SIGNAL MASTARMS AND PEDESTAL POLES FURNISHED ON THIS PROJECT SHALL BE CONSTRUCTED OF STEEL.
  - E. ALL TRAFFIC PULL BOXES USED ON THIS PROJECT SHALL BE LARGE SIZE.
2. ALL SIGNAL ASSEMBLIES, PEDESTRIAN SIGNALS, PEDESTRIAN PUSH BUTTONS, CABINETS, AND FITTINGS SHALL COMPLY WITH THE CITY OF ALBUQUERQUE TYPE AND COLOR REQUIREMENTS.

| NEW                                                                                   | EXISTING                                                                              | ITEM                                                                            |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|    |    | PULL BOX                                                                        |
|    |    | SERVICE POLE                                                                    |
|    |    | METER PEDESTAL                                                                  |
|    |    | CONTROLLER CABINET                                                              |
|    |    | CONDUIT RUN (SIGNALS)                                                           |
|    |    | CONDUIT RUN (INTERCONNECT)                                                      |
|    |    | LOOP DETECTOR                                                                   |
|    |    | TRAFFIC SIGNAL PEDESTAL POLE                                                    |
|    |    | CONDUIT RUN NUMBER (SIGNAL)                                                     |
|    |    | CONDUIT RUN NUMBER (POWER SERVICE)                                              |
|    |    | CONDUIT RUN NUMBER (INTERCONNECT)                                               |
|    |    | CONDUIT RUN NUMBER (WARNING BEACON)                                             |
|    |    | TYPE II STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACK PLATE, AND OPTICAL DETECTOR |
|   |   | TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA       |
|  |  | PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)                |
|  |  | PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)                    |
|  |  | SPLICE CABINET                                                                  |
|  |  | TRAFFIC MANHOLE                                                                 |
|  |  | VIDEO CAMERA                                                                    |

1. "ENGINEER" - FOR THE PURPOSES OF THIS PROJECT, THE TERM "ENGINEER" IS SYNONYMOUS WITH THE TERM "PROJECT MANAGER".

[illegible]



# SIGNAL POLES AND MASTARMS

# FOUNDATION LOCATION DATA

# PULL BOX & CONTROLLER LOCATION DATA

| ID# | TYPE                |
|-----|---------------------|
| MA1 | MASTARM-TYPE II-20' |
| MA2 | MASTARM-TYPE II-20' |
| PP1 | PEO POLE - 13'      |
| PP2 | PEO POLE - 13'      |
| PP3 | PEO POLE - 13'      |
| PP4 | PEO POLE - 10'      |
|     |                     |
|     |                     |
|     |                     |
|     |                     |

| FROM | STA      | OFFSET   |
|------|----------|----------|
| MA1  | 16+82.60 | 460' RT  |
| MA2  | 17+26.80 | 280' LT  |
| PP1  | 17+27.20 | 8.0' LT  |
| PP2  | 17+27.00 | 17.0' RT |
| PP3  | 16+74.04 | 28.7' LT |
| PP4  | 16+67.00 | 32.8' RT |
|      |          |          |
|      |          |          |
|      |          |          |
|      |          |          |

| ID# | STA      | OFFSET   |
|-----|----------|----------|
| PB1 | 17+29.25 | 10.2' RT |
| PB2 | 16+82.70 | 51.0' RT |
| PB3 | 16+46.75 | 17.5' RT |
| PB4 | 16+63.70 | 18.9' LT |
| PB5 | 16+84.30 | 32.8' LT |
| PB6 | 17+27.70 | 18.7' LT |
| CC1 | 17+34.00 | 3.2' RT  |
|     |          |          |
|     |          |          |
|     |          |          |

## ABBREVIATIONS

---

|        |                                |
|--------|--------------------------------|
| MAJ    | MASTARM NUMBER                 |
| PP1    | PEDESTAL POLE NUMBER           |
| PPB:   | PEDESTRIAN PUSH BUTTON NUMBER  |
| CC1    | CONTROL CABINET NUMBER         |
| SC1    | SPLICE CABINET NUMBER          |
| PB1    | PULL BOX NUMBER (SIGNALS)      |
| PBS1   | PULL BOX NUMBER (POWER)        |
| PBC1   | PULL BOX NUMBER (INTERCONNECT) |
| DL1(1) | DETECTOR LOOP PHASE # (LOOP #) |
| 3A     | SIGNAL HEAD NUMBER             |
| P1     | PEDESTRIAN SIGNAL NUMBER       |
| BP     | BACK PLATE                     |
| EC     | EXTENDED CALL LOOP DETECTOR    |
| SD     | SYSTEM LOOP DETECTOR           |
| MH1    | TRAFFIC MANHOLE NUMBER         |

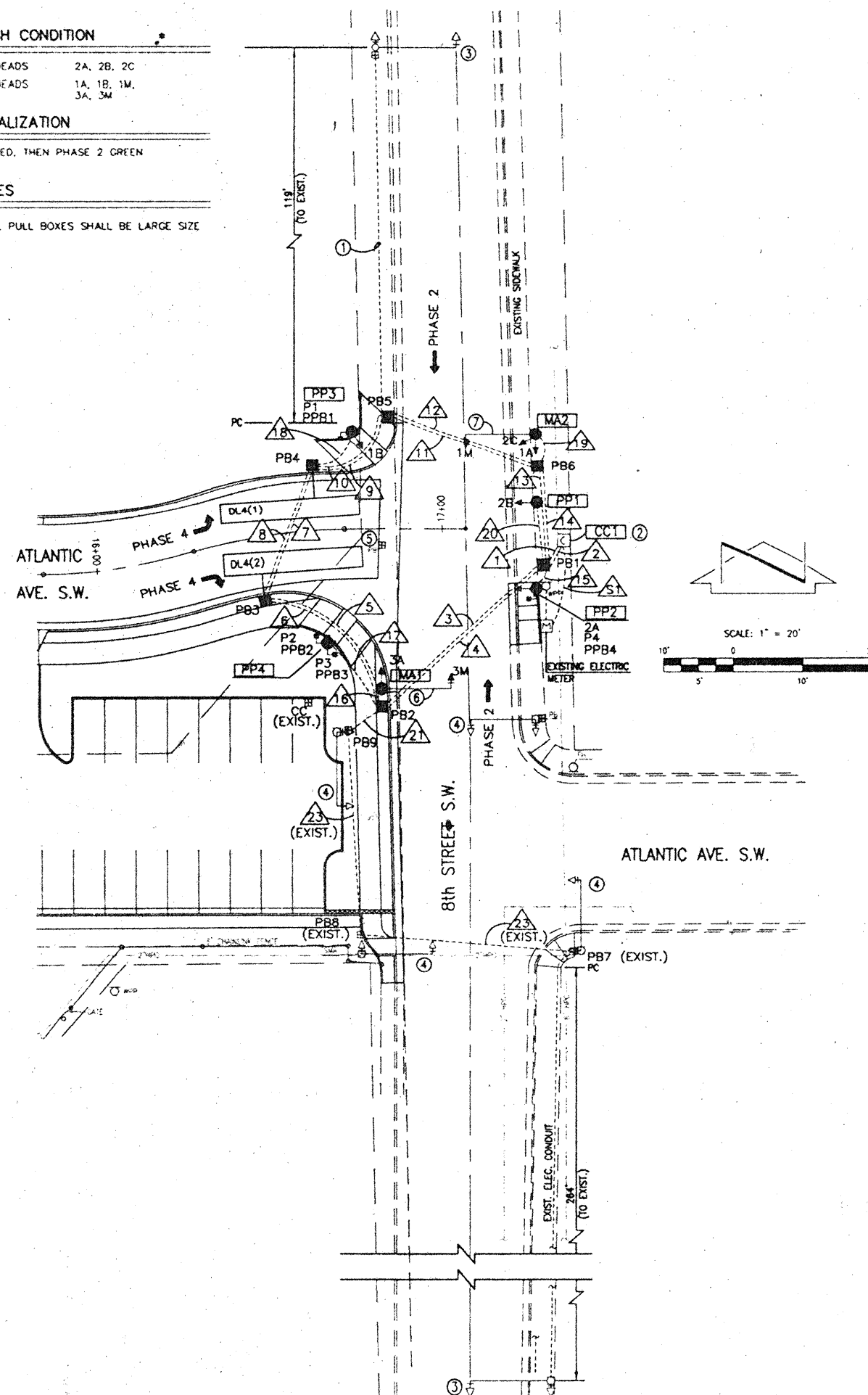
### SYMBOL KEY

|                                                                                     |                                |
|-------------------------------------------------------------------------------------|--------------------------------|
|  | SIGNAL & CABINET ID            |
|  | CONDUIT RUN ID                 |
|  | CONDUIT RUN ID (POWER SERVICE) |
|  | CONDUIT RUN ID (INTERCONNECT)  |

RED HEADS 2A, 2B, 2C  
RED HEADS 1A, 1B, 1M,  
3A, 3M

ALL RED, THEN PHASE 2 GREEN

1. ALL PULL BOXES SHALL BE LARGE SIZE



1A, 1B  
2A, 2B, 2C  
3A

P1, P2, P3, P4

1. CONNECT EXISTING ELECTRICAL CONDUIT FROM EXISTING FLASHING SCHOOL ZONE BEACON INTO P85
2. REMOVE EXISTING FLASHER CONTROL FROM EXISTING CONTROLLER CABINET (LOCATED WEST OF BUS ST. S.W.) AND INSTALL ONTO CCI, CP
3. EXISTING FLASHING SCHOOL ZONE BEACON TO REMAIN
4. EXISTING TRAFFIC SIGNAL MASTARM TO BE REMOVED
5. EXISTING TRAFFIC PULL BOX TO BE REMOVED
6. INSTALL TWO "RIGHT TURN" SIGN (R3-1) AND "ONE WAY" SIGN (R6-1) WITH ARROW POINTING LEFT ONTO TRAFFIC SIGNAL MASTARM
7. INSTALL TWO "LEFT TURN" SIGN (R3-1) AND "ONE WAY" SIGN (R6-1) WITH ARROW POINTING RIGHT ONTO TRAFFIC SIGNAL MASTARM

| BENCH MARKS                                                                                                                                                                                                                                                                             | AS BUILT INFORMATION                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| STATION IS 5 STANDARD ACS BRASS TABLE STAMPED "1-K13" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE CURB. SIMON IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOKER AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET. | CONTRACTOR<br>WORK<br>BY<br>SUPERVISOR'S<br>ACCEPTANCE BY<br>DATE<br>DRAWN<br>BY<br>CHECKED BY<br>DATE<br>MICRO-FILM INFORMATION<br>RECORDED BY<br>DATE |
| ELEVATION = 4944.0276 FEET (M.S.L.D.)                                                                                                                                                                                                                                                   |                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                         | 46                                                                                                                                                      |

[illegible][illegible]

**JMA**

JEFF MORTENSEN & ASSOCIATES, INC.  
680-B MIDWAY PARK BLVD. N.E.  
ALBUQUERQUE □ NEW MEXICO 87109  
□ ENGINEERS □ SURVEYORS (505) 345-4254  
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991836

CITY OF ALBUQUERQUE  
PARKS AND GENERAL SERVICES  
DESIGN & DEVELOPMENT DIVISION

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ ATLANTIC AVE. S.W.  
PAVEMENT IMPROVEMENTS  
TRAFFIC SIGNAL PLAN

| Design Review Committee | City Engineer Approval       |                    | in Rev'n. | in Rev'n. |
|-------------------------|------------------------------|--------------------|-----------|-----------|
|                         | MAY 24 2001<br>CITY ENGINEER | Last Design Update |           |           |
|                         |                              |                    |           |           |
|                         |                              |                    |           |           |
|                         |                              |                    |           |           |
|                         |                              |                    |           |           |
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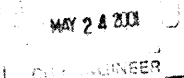
|                  |        |              |      |       |    |    |    |
|------------------|--------|--------------|------|-------|----|----|----|
| City Project No. | 648381 | Zone Map No. | K-13 | Sheet | 18 | OF | 28 |
|------------------|--------|--------------|------|-------|----|----|----|

[illegible]

CONDUIT FILL BY CONTRACTOR LENGTH AND TYPE

## ABBREVIATIONS

|       |                             |
|-------|-----------------------------|
| CC 6  | COMMUNICATION CABLE-6 PAIR  |
| CC 12 | COMMUNICATION CABLE-12 PAIR |
| DLLIC | DETECTOR LOOP LEAD IN CABLE |
| MA    | MASTARM                     |
| MCC   | MULTI CONDUCTOR CABLE       |
| PB    | PULL BOX                    |
| PP    | PEDESTAL POLE               |
| PPB   | PEDESTRIAN PUSH BUTTON      |
| REC   | RIGID ELECTRIC CONDUIT      |
| SCC   | SINGLE CONDUCTOR CABLE      |

|                                                                                                                             |                                                                                                                                                                                            |                                                                                                             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                        | JEFF NORTEN & ASSOCIATES, INC.<br>6000 N. MICHIGAN AVENUE SUITE 100<br>ALBUQUERQUE, NM 87110-1899<br>ENGINEER/CI SUPERVISOR/COORD 505-263-4200<br>FAX 505-263-4206 E-MAIL: jnort@jmmco.com | DDDDD                                                                                                       | NO.                                                                                   | DATE                                                                                  | Designed By<br>Drawn By                                                               | 1                                                                                     |
|                                                                                                                             |                                                                                                                                                                                            |                                                                                                             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 991836                                                                                                                      | CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                                                                                            |                                                                                                             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>TRAFFIC SIGNAL CABLES AND CONDUITS |                                                                                                                                                                                            |                                                                                                             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Design Review Committee<br>            | City Engineer Approval<br>                                                                            | Last Design Update<br> |  |  |  |  |
| City Project No. 648381                                                                                                     | Zone Map No. K-13                                                                                                                                                                          | Sheet 19 of 28                                                                                              |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

QUANTITY ESTIMATING ASSUMPTIONS:

PAVEMENT SAW CUT

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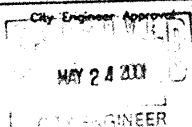
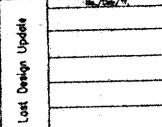
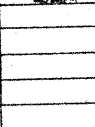
6' X 40' LR LOOP = (2\*L) + (2\*W) + S = 92 + S

| FUNCTION CHART - 24 VOLT CIRCUIT |            |             |                  |
|----------------------------------|------------|-------------|------------------|
| MULTI CONDUCTOR CABLE 5          |            |             |                  |
| CONDUCTOR NUMBER                 | BASE COLOR | FUNCTION    | FIELD CONNECTION |
| 1                                | BLACK      | PHASE 2 PPB | PPB1 & PPB3      |
| 2                                | WHITE      | COMMON      | PPB1 THRU PPB4   |
| 3                                | RED        | PHASE 4 PPB | PPB2 & PPB4      |
| 4                                | GREEN      | PHASE 6 PPB | SPARE            |
| 5                                | ORANGE     | PHASE 8 PPB | SPARE            |

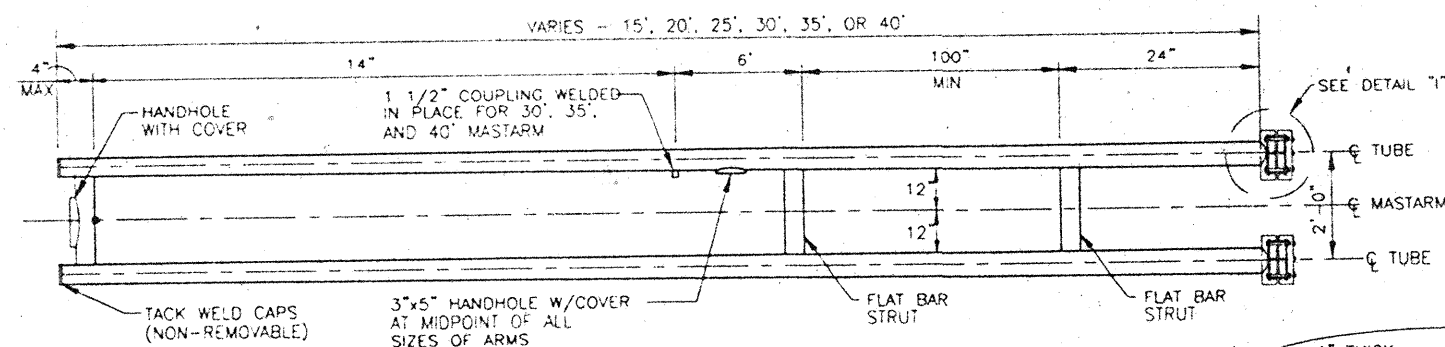
| CONDUCTOR        |            |        | RING 1 - MULTI CONDUCTOR CABLE 20 |                                | RING 2 - MULTI CONDUCTOR CABLE 20 <sup>2</sup> |                  |
|------------------|------------|--------|-----------------------------------|--------------------------------|------------------------------------------------|------------------|
| CONDUCTOR NUMBER | BASE COLOR | TRACER | FUNCTION                          | FIELD CONNECTION               | FUNCTION                                       | FIELD CONNECTION |
| 1                | BLACK      | -      | SPARE                             | SPARE                          | SPARE                                          |                  |
| 2                | WHITE      | -      | SPARE                             | SPARE                          | SPARE                                          |                  |
| 3                | RED        | -      | PHASE 1 RED                       | SPARE                          | PHASE 5 RED                                    |                  |
| 4                | GREEN      | -      | PHASE 1 GREEN                     | SPARE                          | PHASE 5 GREEN                                  |                  |
| 5                | ORANGE     | -      | PHASE 1 YELLOW                    | SPARE                          | PHASE 5 YELLOW                                 |                  |
| 6                | BLUE       | -      | SPARE                             | SPARE                          | SPARE                                          |                  |
| 7                | WHITE      | BLACK  | SPARE                             | SPARE                          | SPARE                                          |                  |
| 8                | RED        | BLACK  | PHASE 2 RED <sup>1</sup>          | RED BALL 1A, 1B, 3A, 1M, 3M    | PHASE 6 RED                                    |                  |
| 9                | GREEN      | BLACK  | PHASE 2 GREEN                     | GREEN BALL 1A, 1B, 3A, 1M, 3M  | PHASE 6 GREEN                                  |                  |
| 10               | ORANGE     | BLACK  | PHASE 2 YELLOW                    | YELLOW BALL 1A, 1B, 3A, 1M, 3M | PHASE 6 YELLOW                                 |                  |
| 11               | BLUE       | BLACK  | PHASE 2 WALK                      | PEDESTRAIN WALK P1, P2         | PHASE 6 WALK                                   |                  |
| 12               | BLACK      | WHITE  | PHASE 2 DON'T WALK                | PEDESTRAIN DON'T WALK P1, P2   | PHASE 6 DON'T WALK                             |                  |
| 13               | RED        | WHITE  | PHASE 3 RED                       | SPARE                          | PHASE 7 RED                                    |                  |
| 14               | GREEN      | WHITE  | PHASE 3 GREEN                     | SPARE                          | PHASE 7 GREEN                                  |                  |
| 15               | BLUE       | WHITE  | PHASE 3 YELLOW                    | SPARE                          | PHASE 7 YELLOW                                 |                  |
| 16               | BLACK      | RED    | PHASE 4 RED                       | RED BALL 2A, 2B, 2C            | PHASE 8 RED                                    |                  |
| 17               | WHITE      | RED    | PHASE 4 GREEN                     | GREEN BALL 2A, 2B, 2C          | PHASE 8 GREEN                                  |                  |
| 18               | ORANGE     | RED    | PHASE 4 YELLOW                    | YELLOW BALL 2A, 2B, 2C         | PHASE 8 YELLOW                                 |                  |
| 19               | BLUE       | RED    | PHASE 4 WALK                      | PEDESTRAIN WALK P3, P4         | PHASE 8 WALK                                   |                  |
| 20               | RED        | GREEN  | PHASE 4 DON'T WALK                | PEDESTRAIN DON'T WALK P3, P4   | PHASE 8 DON'T WALK                             |                  |

|    |                        |
|----|------------------------|
| DL | DETECTOR LOOP          |
| EC | EXTENDED CALL LOOP     |
| L  | DETECTOR LOOP LENGTH   |
| LR | LARGE RECTANGULAR LOOP |
| W  | DETECTOR LOOP WIDTH    |
| S  | SAW CUT LOOP TO CURB   |
| T  | TERMINAL LOOP          |
| QP | QUADRAPOLE LOOP        |

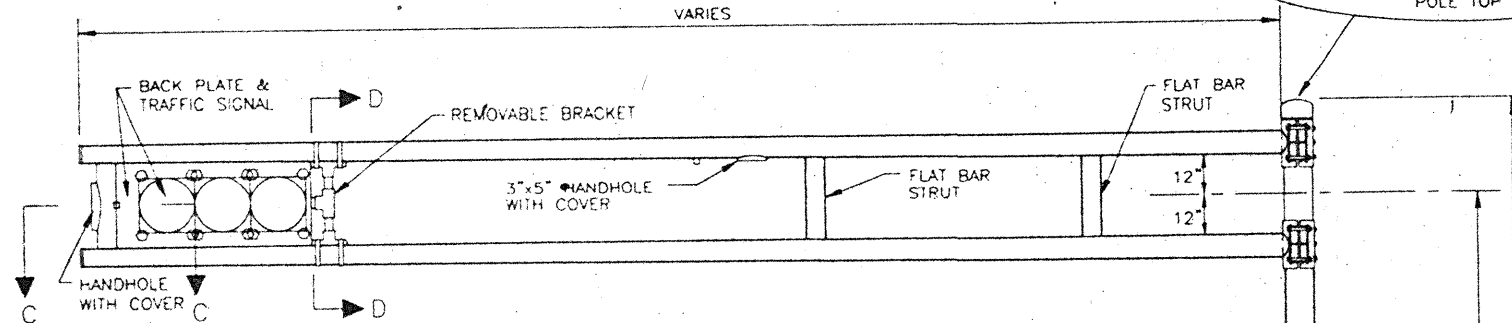
- 1/ IDENTIFY CONDUCTORS LISTED AS "115 VOLTS"
- 2/ WRAP RING 2 CABLE AT EACH SPLICE POINT WITH COLORED ELECTRICAL TAPE. THE IDENTIFICATION MARKING SHALL BE PROVIDED ON EACH RING 2 CABLE AT EACH SPLICE BOX AND LOCATED 6" BACK FROM THE END.
- 3/ IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

|                                                                                                                  |                                                                                                                                                                                                |                                                                                                             |                                                                                       |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                             | JOFF HORTONSON & ASSOCIATES, INC.<br>4000-B MIDWAY PARK, ALBUQUERQUE, NM 87105<br>ALBUQUERQUE, NM 87105<br>ENGINEERS © SURVEYORS (505) 345-6256<br>FAX: (505) 345-6254 © Email: jhac@jsoac.com | DATE _____<br>NO. _____                                                                                     | Designed By _____<br>Drawn By _____                                                   |
|                                                                                                                  |                                                                                                                                                                                                |                                                                                                             |                                                                                       |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                  |                                                                                                                                                                                                |                                                                                                             |                                                                                       |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>FUNCTIONS & DETECTORS   |                                                                                                                                                                                                |                                                                                                             |                                                                                       |
| Design Review Committee<br> | City Engineer Approval<br>                                                                                | Last Design Update<br> |  |
| City Project No. 648381                                                                                          | Zone Map No. K-13                                                                                                                                                                              | Sheet 20                                                                                                    | of 28                                                                                 |

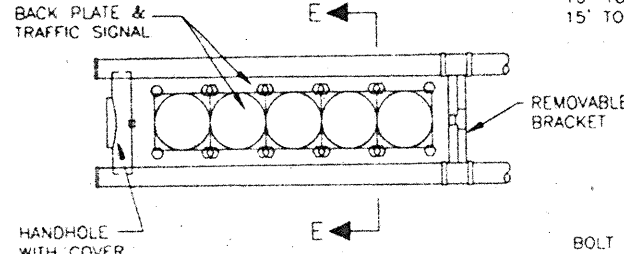




TYPICAL MASTARM DETAIL

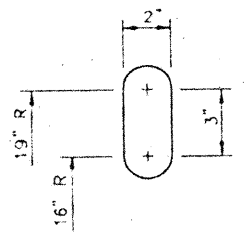


3-SECTION TRAFFIC SIGNAL

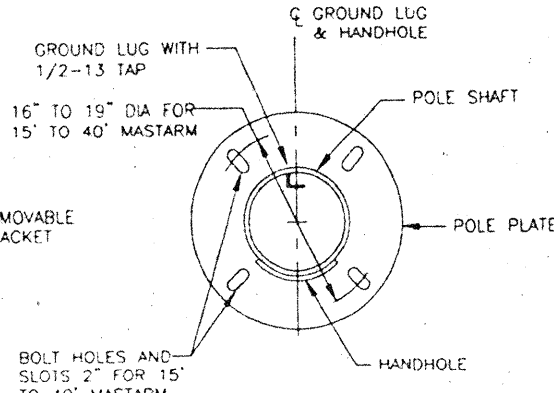


5-SECTION TRAFFIC SIGNAL

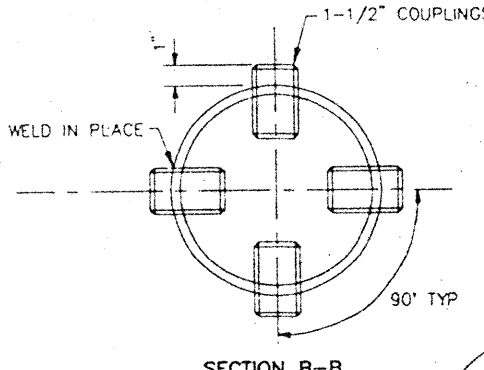
MITERED ARM END (OPTIONAL)



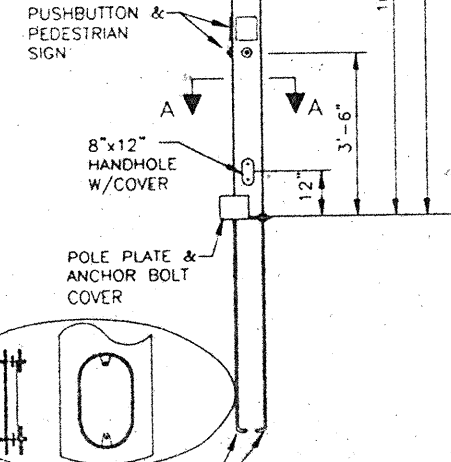
POLE PLATE SLOT DETAIL



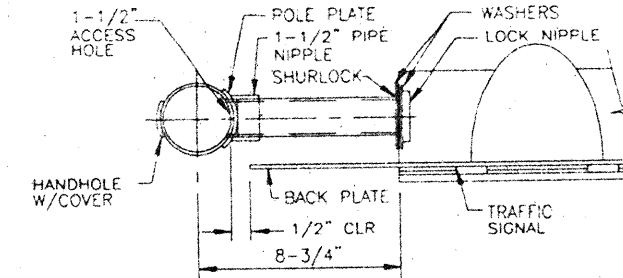
SECTION A-A



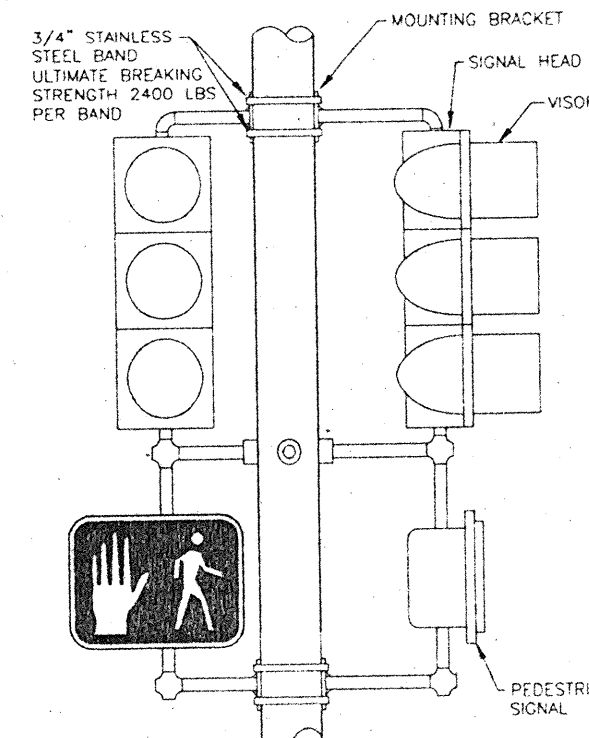
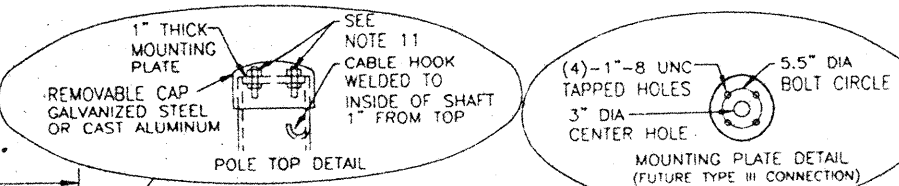
SECTION B-B



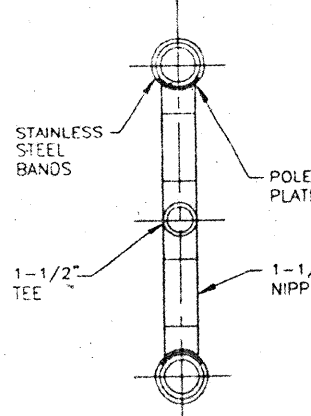
ANCHOR BOLTS  
15', 20', 25' ARM: 1-1/2" x 5/8" x 6"  
30', 35', 40' ARM: 1-1/2" x 5/8" x 6"



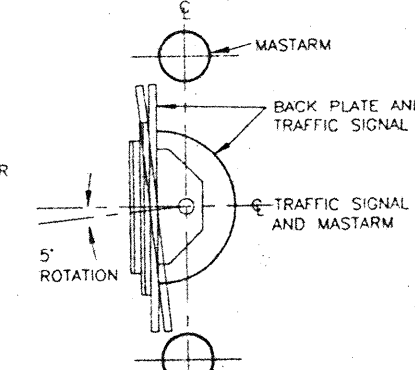
SECTION C-C



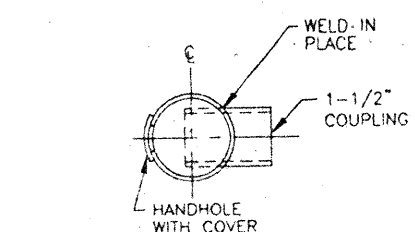
SECTION F-F



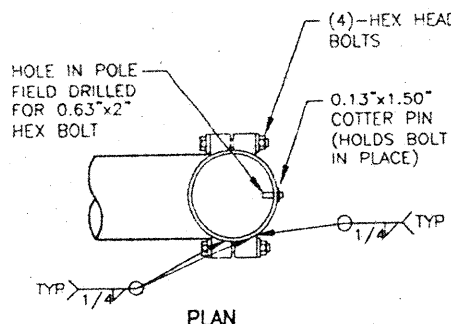
SECTION D-D



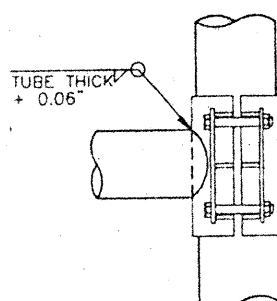
SECTION E-E



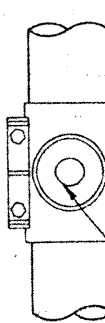
SECTION G-G



PLAN



ELEVATION



SECTION

DETAIL I

NOTE:  
ONE SIZE ARM CLAMP FOR 15' TO 25' MASTARMS AND ONE SIZE FOR 30' TO 40' MASTARMS WILL BE ALLOWED

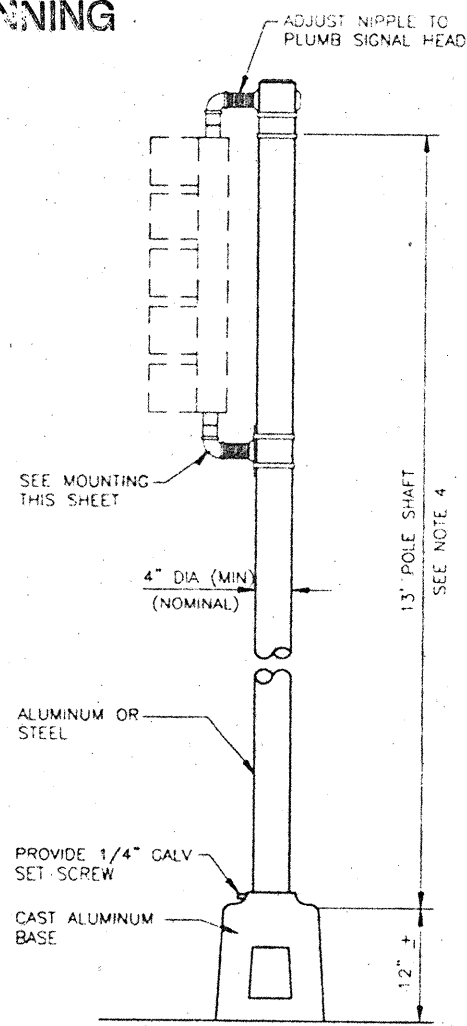
FINISH:

|                                     |               |
|-------------------------------------|---------------|
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| <input type="checkbox"/>            | POWDER COATED |
| COLOR                               |               |

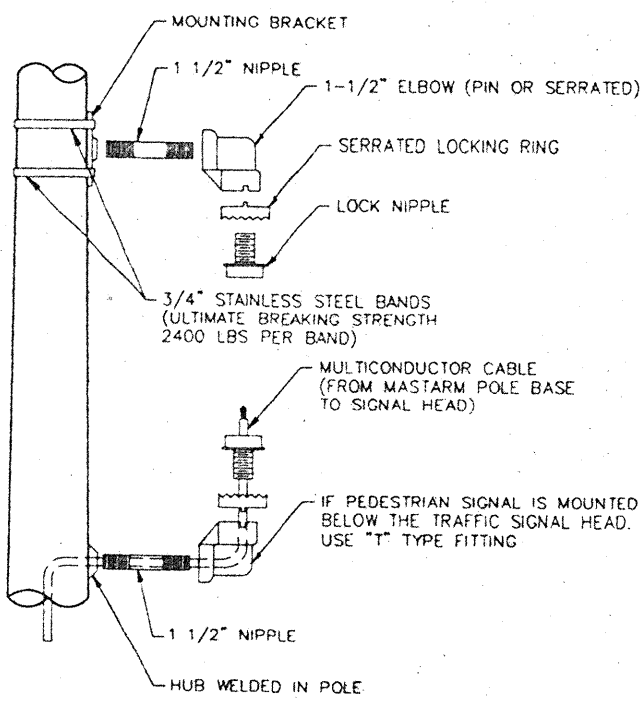
TRAFFIC SIGNAL MASTARM NOTES:

- DESIGN IN ACCORDANCE WITH 1985 AASHTO SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS FOR AN 80 MPH WIND ZONE.
- POLES AND MASTARMS SHAFTS SHALL CONFORM TO ASTM A-595 GRADE A (MIN YIELD 55 KSI).
- BASE PLATE AND SIGNAL ARM CLAMP SHALL BE ASTM A-36 (MIN YIELD 36 KSI).
- ANCHOR BOLTS SHALL BE ASTM A-36 MOD 55 (MIN YIELD 55 KSI).
- SIGNAL ARM CONNECTING BOLTS SHALL BE ASTM A-325.
- WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY SPECIFICATIONS AWS D1.1, LATEST EDITION. ALL WELDS SHALL BE FREE FROM CRACKS, EXCESSIVE UNDERCUT, AND POROSITY. ANY WELD DEFECTS SHALL BE REPAIRED BY REMOVING THE DEFECTIVE MATERIAL AND REPLACING IT WITH SOUND WELD MATERIAL.
- ALL HOLES SHALL BE DRILLED AND DEBURRED.
- ALL POLES, MASTARMS, AND BOLTS SHALL BE GALVANIZED TO ASTM A-123 & A-153.
- MASTARM SHALL BE MARKED TO DESCRIBE WHICH IS TOP AND WHICH IS BOTTOM. POLE PLATE COVER SHALL BE MARKED IN MATED PAIRS. POLE SHAFTS SHALL BE MARKED "ALB" "15-25" OR "30-40", AND DATE OF FABRICATION (MONTH/YEAR).
- DETAILS SHOWN ARE FOR STEEL POLES. ALUMINUM POLES MAY BE USED ONLY WHEN PRE-APPROVED BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS DIVISION.
- BOLTS FOR TYPE III EXTENSIONS SHALL BE FURNISHED BY THE MANUFACTURER FOR ALL POLES INCLUDING TYPE II STANDARDS WITH NO EXTENSIONS.

|                             |                            |                                                                                                                                           |                   |
|-----------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|                             |                            | CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                                           |                   |
| 991836                      |                            | TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>TRAFFIC SIGNAL MASTARM DETAILS, TYPE II STANDARD |                   |
| Design Review Committee<br> | City Engineer Approval<br> | Date<br>MAY 24 2000                                                                                                                       | City Engineer<br> |
| City Project No. 648381     | Zone Map No. K-13          | Sheet 21                                                                                                                                  | of 27             |

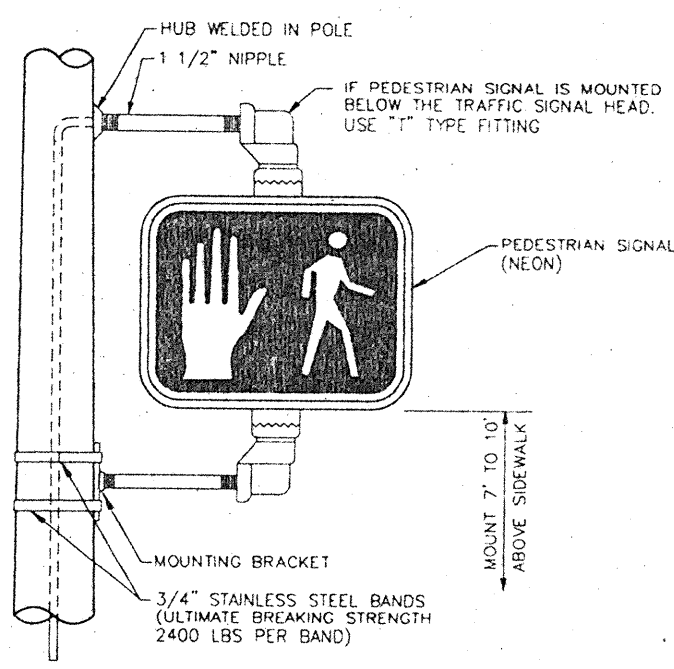


PEDESTAL POLE DETAILS

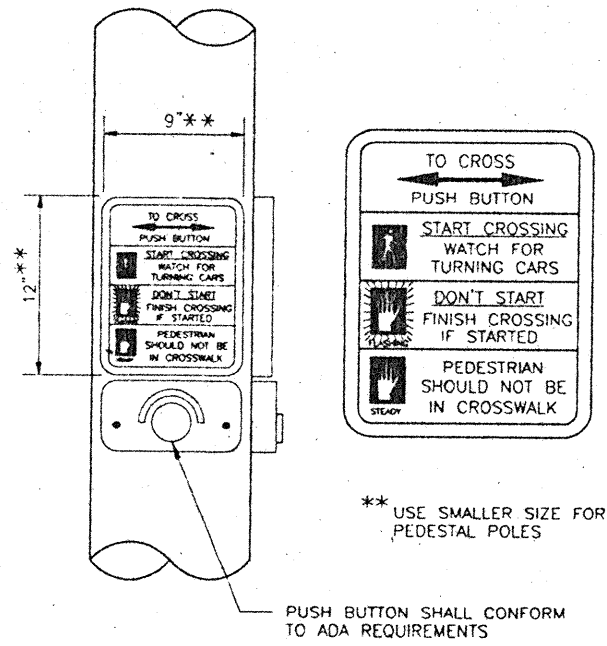


SIDE VIEW

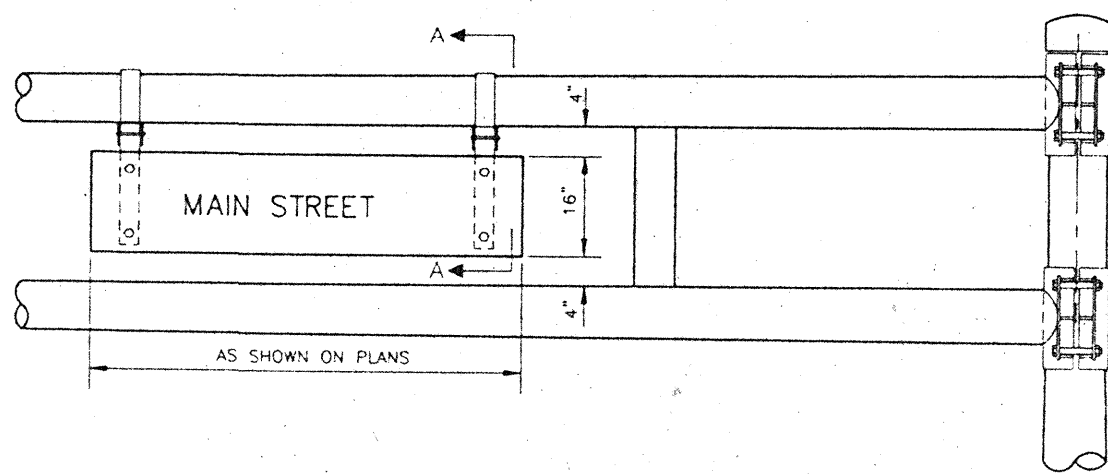
MOUNTING DETAIL



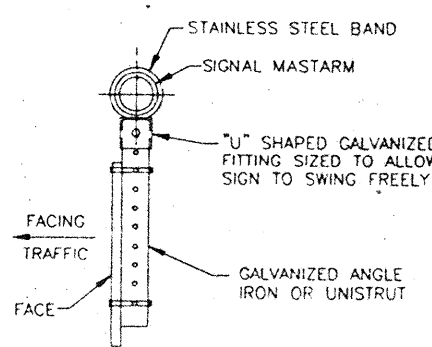
PEDESTRIAN SIGNAL DETAILS



PUSH BUTTON DETAIL



STREET NAME SIGN DETAILS



SECTION "A-A"

- NOTES:
1. STREET NAME SIGNS REQUIRED AS SHOWN ON PLANS.
  2. STREET NAME SIGN SHALL BE 16" WIDE WITH 8" SERIES "C" LETTERS. SIGN SHALL BE NO MORE THAN 12 SQUARE FEET TOTAL AREA AND SHALL HAVE HIGH INTENSITY REFLECTIVE LEGEND, 1" BORDER AND BACKGROUND COLORS: WHITE ON GREEN. SIGN PANELS SHALL BE SINGLE SHEET 6061-T6 ALUMINUM .120 MINIMUM THICKNESS.
  3. PEDESTRIAN ACTUATED CROSSING SHALL BE A MAXIMUM OF 42" (1065 mm) ABOVE THE FINISHED PUBLIC SIDEWALK. A STABLE, FIRM, AND SLIP-RESISTANT AREA - 30"x48" (915 mm x 1220 mm) - SHALL BE PROVIDED TO ALLOW FOR A FORWARD OR A PARALLEL APPROACH TO THE CONTROLS. WHERE A PARALLEL IS PROVIDED, CONTROLS SHALL BE WITHIN 10" (255 mm) HORIZONTALLY OF AND CENTERED ON THE CLEAR GROUND SPACE.
  4. FOR INSTALLATIONS WITH ONLY PEDESTRIAN SIGNALS, CUT SHAFT TO 9'. USE 15' SHAFT FOR PEDESTAL POLES REQUIRING BOTH 5-SECTION SIGNAL ASSEMBLIES AND PEDESTRIAN SIGNALS.

FINISH:

☒ GALVANIZED

☐ POWDER COATED

COLOR \_\_\_\_\_

**Jma** JEFF HORTON & ASSOCIATES, INC.  
4400 S. REDBAY PARK, R.V.S. HL  
ALBUQUERQUE, N.M. 87105  
ENGINEERS & SURVEYORS (SINCE 1953)  
FAX: 505-345-4254 E-MAIL: jma@hortoninc.com

991836

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
TRAFFIC SIGNAL MISCELLANEOUS DETAILS

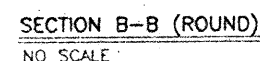
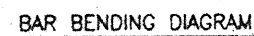
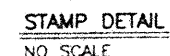
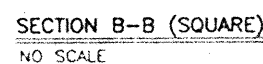
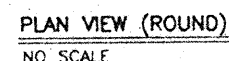
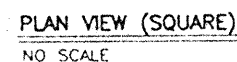
Design-Review-Consulting City Engineer Approval

MAJ 29 MAY 24 2001

CITY ENGINEER

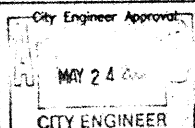
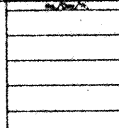
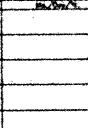
City Project No. 648381 Zone Map No. K-13 Sheet 22 of 28

| AS BUILT INFORMATION |      | BENCH MARKS                                                                                                                                                                                                                                                                                                         |             | SURVEY INFORMATION |             | ENGINEER'S SEAL |             | REVISIONS |             | DESIGN |             | DATE |             |
|----------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|-------------|-----------------|-------------|-----------|-------------|--------|-------------|------|-------------|
| CONTRACT NO.         | DATE | STATION 5 S STANDARD ACS BRASS TAPED 1-1/2" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE CURB. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND SIOUX AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET. ELEVATION = 4944.026 FEET (M.S.L.D.) | DATE        | NO.                | DATE        | BY              | DATE        | NO.       | DATE        | BY     | DATE        | NO.  | DATE        |
| DESIGNED BY          | DATE |                                                                                                                                                                                                                                                                                                                     | DESIGNED BY | DATE               | DESIGNED BY | DATE            | DESIGNED BY | DATE      | DESIGNED BY | DATE   | DESIGNED BY | DATE | DESIGNED BY |
| DRAWN BY             | DATE |                                                                                                                                                                                                                                                                                                                     | DRAWN BY    | DATE               | DRAWN BY    | DATE            | DRAWN BY    | DATE      | DRAWN BY    | DATE   | DRAWN BY    | DATE | DRAWN BY    |
| CHECKED BY           | DATE |                                                                                                                                                                                                                                                                                                                     | CHECKED BY  | DATE               | CHECKED BY  | DATE            | CHECKED BY  | DATE      | CHECKED BY  | DATE   | CHECKED BY  | DATE | CHECKED BY  |
| REVIEWED BY          | DATE |                                                                                                                                                                                                                                                                                                                     | REVIEWED BY | DATE               | REVIEWED BY | DATE            | REVIEWED BY | DATE      | REVIEWED BY | DATE   | REVIEWED BY | DATE | REVIEWED BY |
| APPROVED BY          | DATE |                                                                                                                                                                                                                                                                                                                     | APPROVED BY | DATE               | APPROVED BY | DATE            | APPROVED BY | DATE      | APPROVED BY | DATE   | APPROVED BY | DATE | APPROVED BY |

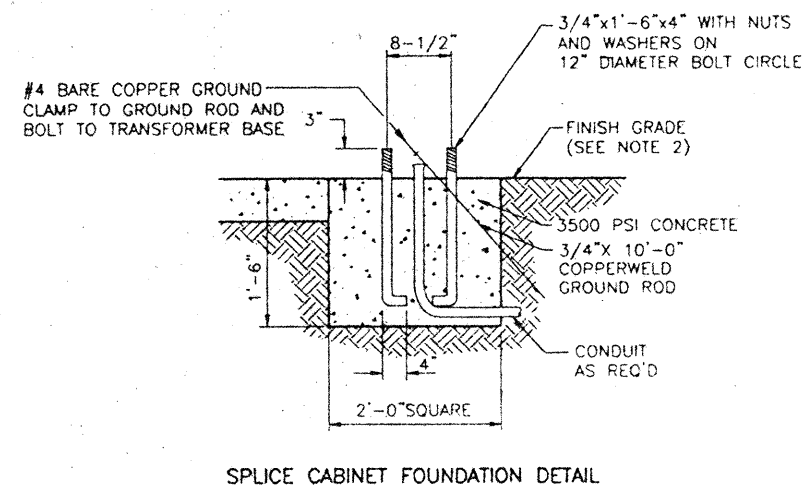
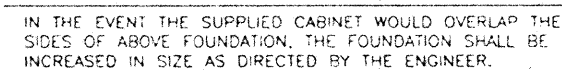


| REINFORCING SCHEDULE<br>(GRADE 60 BARS) |       |      |      |        |                           |
|-----------------------------------------|-------|------|------|--------|---------------------------|
| MARK                                    | QUANT | TYPE | SIZE | LENGTH | COMMENTS                  |
| #5V1                                    | 8     | 1    | 5    | 5'-9"  |                           |
| #4V2                                    | 8     | 1    | 4    | 4'-6"  |                           |
| #7V3                                    | 6     | 1    | 7    | 11'-3" |                           |
| #6V4                                    | 6     | 1    | 6    | 8'-0"  |                           |
| #3H1                                    | 6     | 2    | 3    | 15'-4" | A = 42", TIES AT 14" OC   |
| #3H2                                    | 5     | 2    | 3    | 13'-4" | A = 36", TIES AT 12" OC   |
| #3H3                                    | 12    | 3    | 3    | 9'-3"  | DIA = 30", TIES AT 12" OC |
| #3H4                                    | 9     | 3    | 3    | 7'-8"  | DIA = 24", TIES AT 12" OC |

1. REFER TO THE PLANS FOR LOCATIONS OF TRAFFIC SIGNAL MASTARM FOUNDATIONS.
2. FINISHED GRADE FOR THE FOUNDATIONS SHALL BE ESTABLISHED IN THE FIELD BY THE PROJECT MANAGER.
3. THE FOUNDATIONS SHOWN HERE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT REVISION.
4. CONCRETE SHALL BE 3500 PSI FOR EXTERIOR STRUCTURES. REFER TO TABLE 101.C OF THE SPECIFICATIONS.
5. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60.
6. THE TOP 6 INCHES OF THE FOUNDATION PEDESTAL SHALL BE FORMED TO THE DIMENSIONS SHOWN ON THIS SHEET TO FORM NEAT LINES. CONCRETE BELOW 6 LINES MAY BE CAST AGAINST THE EARTH.
7. THE CONCRETE SHALL GAIN 80% OF THE DESIGN STRENGTH PRIOR TO INSTALLING THE TRAFFIC SIGNAL MASTARM.
8. ALL FOUNDATIONS SHALL INCLUDE COPPERWELD GROUND RODS. ALL GROUND RODS SHALL BE 3/4" DIA X 10'-0" AND WILL BE CONSIDERED INCIDENTAL TO THE FOUNDATIONS BID ITEMS.
9. ALL FOUNDATIONS SHALL BE STAMPED EITHER "A" OR "B" TO SHOW TYPE CONSTRUCTED (SEE STAMP DETAIL).

|                                                                                                                                            |                                                                                                                                                                                  |                                                                                                             |                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
|                                                       | JEFF HORTENSEN & ASSOCIATES, INC.<br>1100 WESTWAY PARK BLVD. NE<br>ALBUQUERQUE, NM 87106-8299<br>ENGINEERS & SURVEYORS (CDS) 360-4254<br>FAX: 360-365-4254 E-Mail: jhna@comp.com | DATE                                                                                                        |                                                                                       | Designed By<br>Drawn By |
|                                                                                                                                            |                                                                                                                                                                                  | NO.                                                                                                         |                                                                                       |                         |
| 991836                                                                                                                                     |                                                                                                                                                                                  |                                                                                                             |                                                                                       |                         |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                                            |                                                                                                                                                                                  |                                                                                                             |                                                                                       |                         |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>FOUNDATION DETAILS TYPE II AND TYPE III STANDARDS |                                                                                                                                                                                  |                                                                                                             |                                                                                       |                         |
| Design/Review Committee<br>                           | City Engineer Approval<br>                                                                  | Last Design Update<br> |  |                         |
| City Project No. 648381                                                                                                                    |                                                                                                                                                                                  | Zone Map No. K-13                                                                                           | Sheet 23 of 28                                                                        |                         |





SPLICE CABINET FOUNDATION DETAIL

- TRAFFIC SIGNAL FOUNDATION NOTES

1. ALL FOUNDATIONS SHALL INCLUDE COPPERWELD GROUND RODS. ALL GROUND RODS SHALL BE 3/4"x10" AND WILL BE CONSIDERED INCIDENTAL TO THE FOUNDATION BID ITEMS.
2. FINISHED GRADE FOR ALL FOUNDATIONS TO BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. FOUNDATIONS MAY BE SLOPED TO MATCH SIDEWALKS. SLOPES SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

### ESTIMATED QUANTITIES

| FOUNDATION TYPE                       | 3500 PSI<br>CONCRETE<br>CU YD | REINFORCING<br>BARS<br>POUNDS |
|---------------------------------------|-------------------------------|-------------------------------|
| PEDESTAL FOUNDATION                   | 0.52                          | 17                            |
| CONTROLLER FOUNDATION<br>(TYPE M & P) | 0.88                          | --                            |
| SPLICE CABINET FOUNDATION             | 0.13                          | --                            |

(FOR CONTRACTORS INFORMATION ONLY)

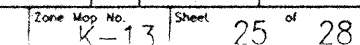
| ENGINEER'S SEAL      |  |  | SURVEY INFORMATION |     |         | BENCH MARKS                                                                                                                                                                                                                                                                                                                        |  |  | AS BUILT INFORMATION |      |                           |
|----------------------|--|--|--------------------|-----|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------|------|---------------------------|
|                      |  |  | FIELD NOTES        |     |         | STATION IS 5 STANDARD ACS BRASS TAPLET STAMPED "1-K15" SET IN TOP OF A CONCRETE POST, APPROXIMATELY 0.2 FEET BELOW THE TURF. STATION IS LOCATED APPROXIMATELY 225 FEET SOUTH OF THE INTERSECTION OF 8TH STREET S.E. AND STOVER AVE. S.W. AND 0.7 FEET WEST OF THE WEST CURB ON 8TH STREET.<br>ELEVATION = 1944.028 FEET (M.S.L.D.) |  |  | CONSTRUCTOR          |      |                           |
|                      |  |  | NO.                | BY  | DATE    |                                                                                                                                                                                                                                                                                                                                    |  |  | DRAWN BY             | DATE | INSPECTOR'S ACCEPTANCE BY |
| REMARKS<br>Revisions |  |  | 981028             | JMA | 03-2000 | MICRO-FILM INFORMATION                                                                                                                                                                                                                                                                                                             |  |  | RECORDED BY          |      |                           |
|                      |  |  |                    |     |         |                                                                                                                                                                                                                                                                                                                                    |  |  | DATE                 |      |                           |
| DESIGN               |  |  |                    |     |         |                                                                                                                                                                                                                                                                                                                                    |  |  | DATE                 |      |                           |
| Designed By          |  |  | CDA                |     |         |                                                                                                                                                                                                                                                                                                                                    |  |  | DATE                 |      |                           |
| Drawn By             |  |  | JTR                |     |         |                                                                                                                                                                                                                                                                                                                                    |  |  | DATE                 |      |                           |

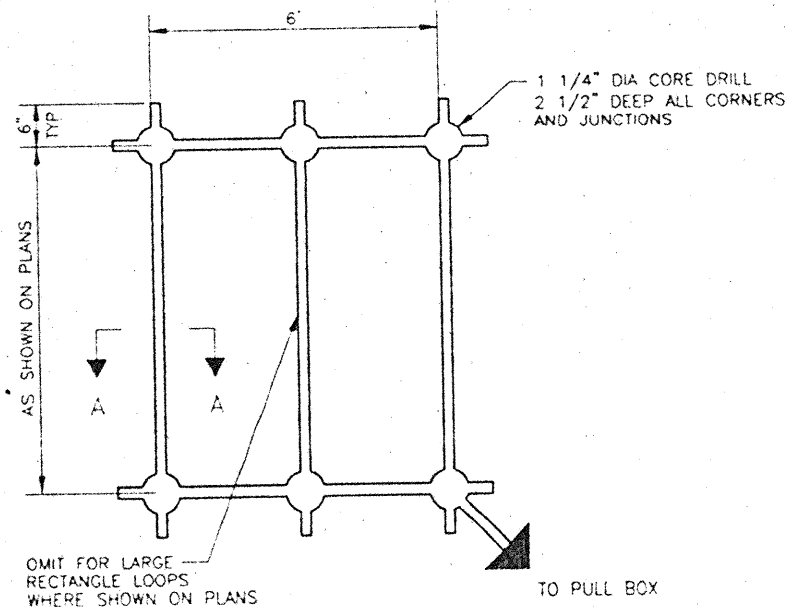
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
TRAFFIC SIGNAL CONTROLLER CABINET AND PEDESTAL FOUNDATION DETAILS

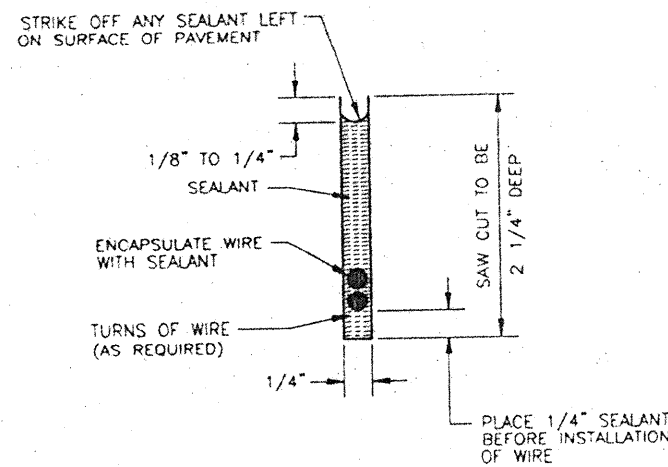
City Project No. 648381

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| Zone Map No. | Sheet | of |
| K-13         | 24    | 28 |

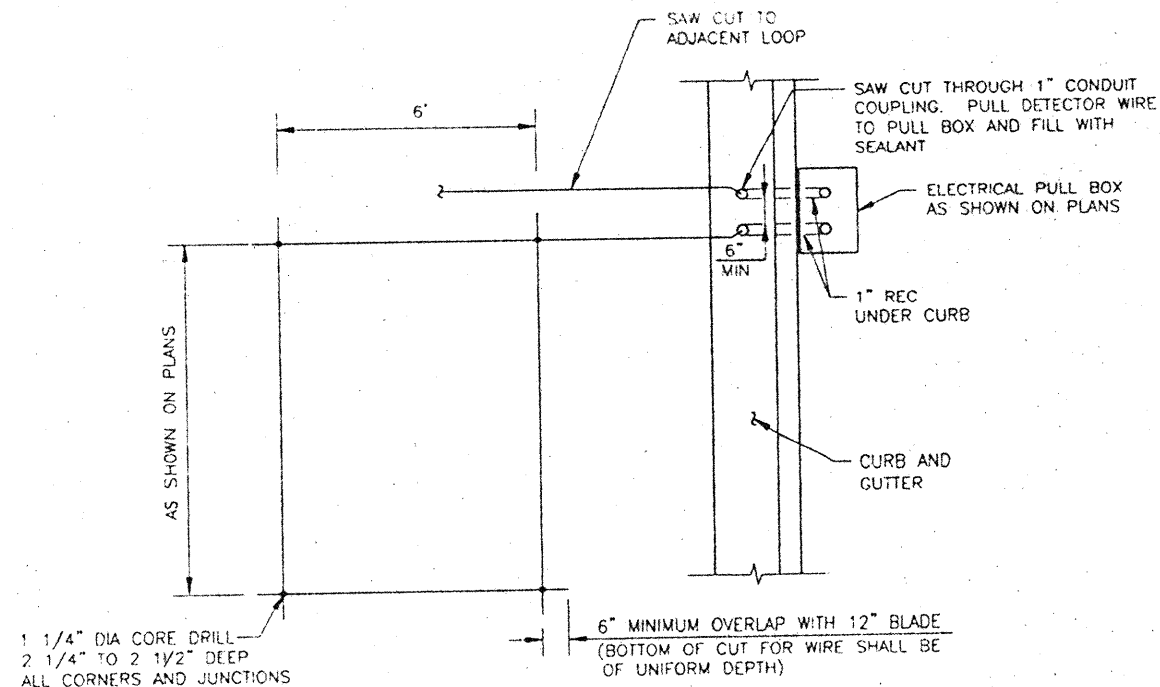




PLAN VIEW

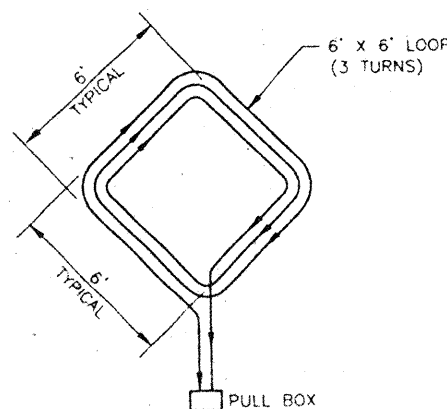


SECTION A-A

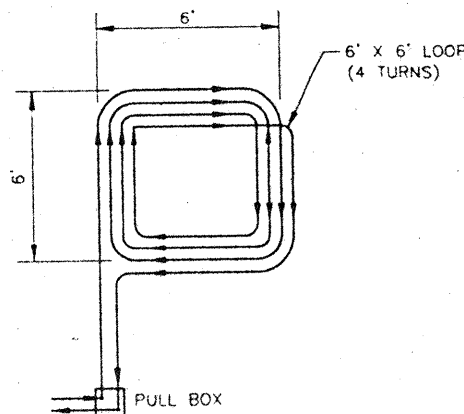


PLAN VIEW

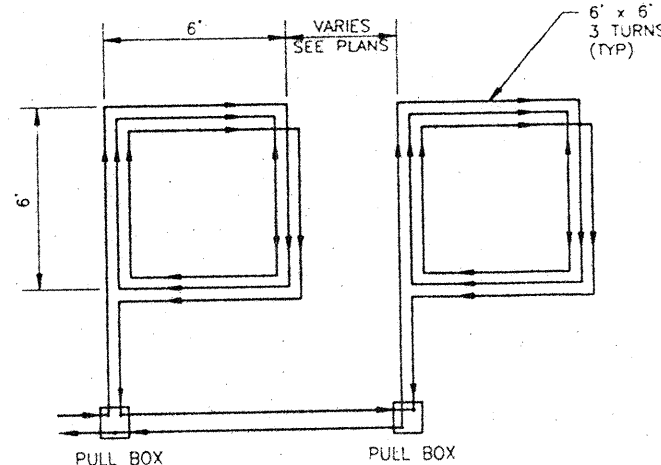
TYPICAL ROADWAY LOOP SAW CUT DETAIL



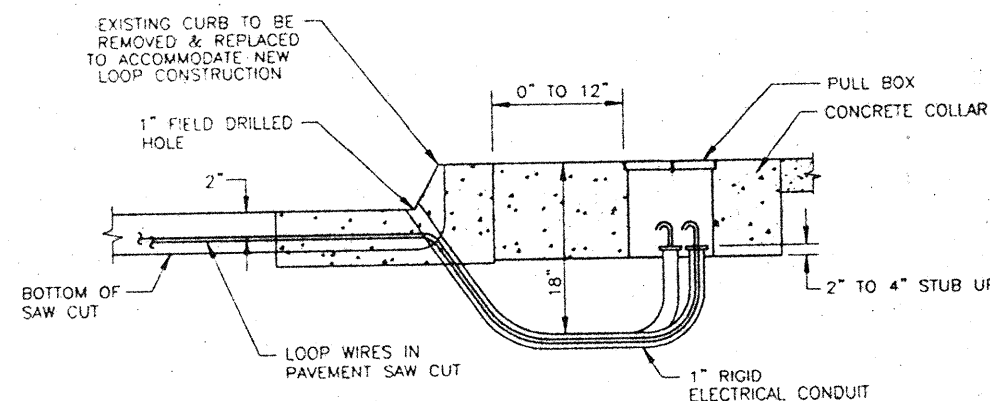
EXTEND CALL LOOP WIRING DETAIL



SYSTEM LOOP WIRING DETAIL

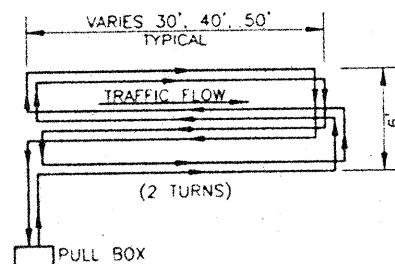


SERIES LOOP WIRING DETAIL

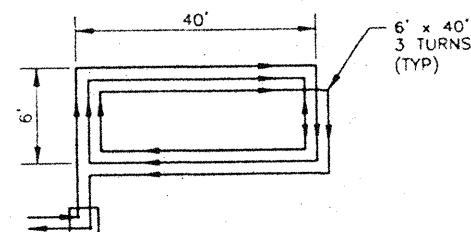


SECTION

LOOP WIRE TERMINATION DETAILS



QUADRAPOLE LOOP WIRING DETAIL



LARGE RECTANGULAR LOOP WIRING DETAIL

TYPICAL LOOP WIRE PLACEMENT DETAILS

#### NOTES

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

#### LOOP DETECTOR NOTES

1. ALL LOOP DETECTOR WIRE SHALL BE #14 AWG STRANDED COPPER WIRE WITH CROSS-LINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF IMSA SPECIFICATIONS #51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12\"/>

**John**

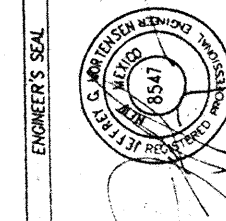
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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.  
PAVING IMPROVEMENTS  
TRAFFIC SIGNAL LOOP DETECTOR DETAILS

|                         |                        |                         |                    |
|-------------------------|------------------------|-------------------------|--------------------|
| Design Review Committee | City Engineer Approval | City Engineer Signature | City Engineer Date |
| APPROVE                 | APPROVE                |                         |                    |
| MAR 29                  | MAY 24                 |                         |                    |
| DESIGN                  | CITY                   |                         |                    |

City Project No. 648381 Zone Map No. K-13 Sheet 26 of 28



05-07-2001



# CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 5A 4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITAL, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHES OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:  
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.  
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.  
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

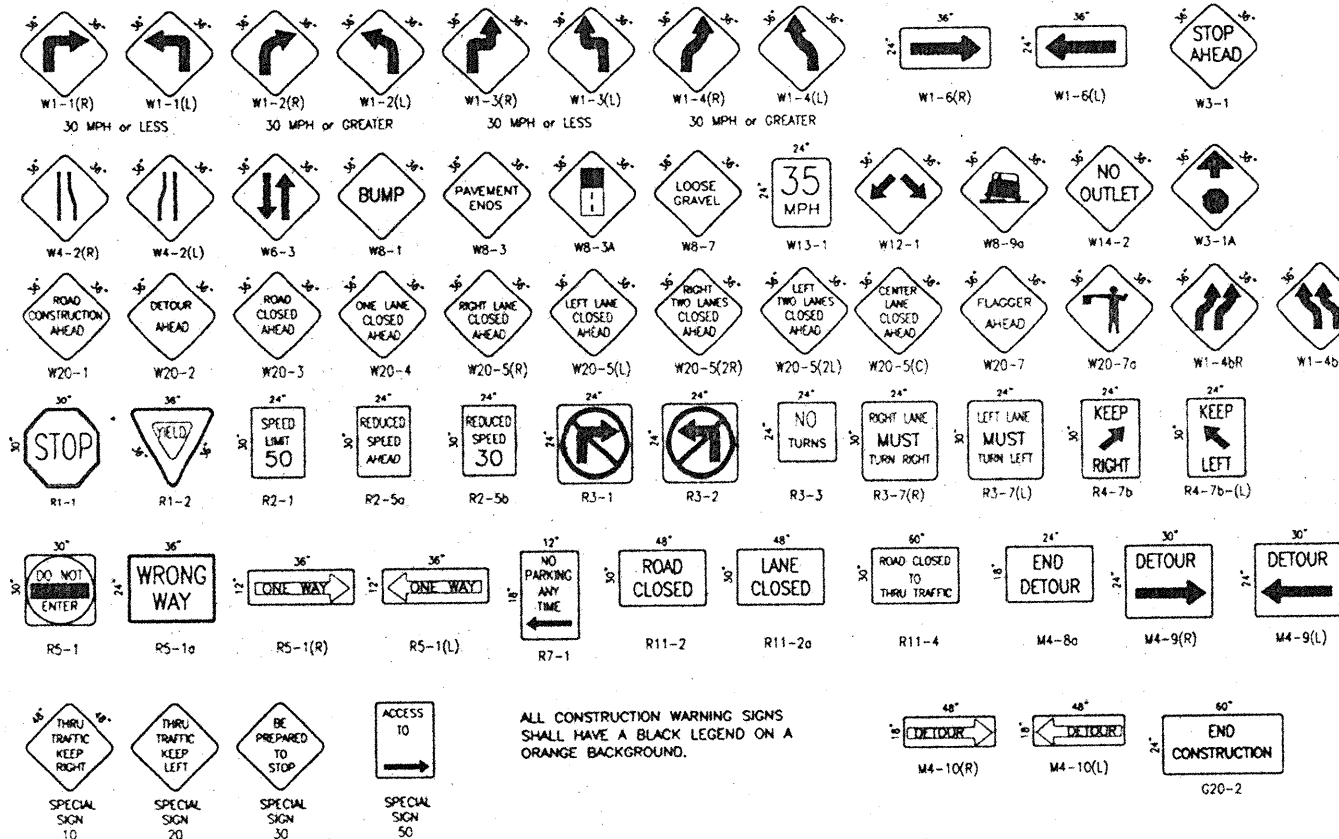
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

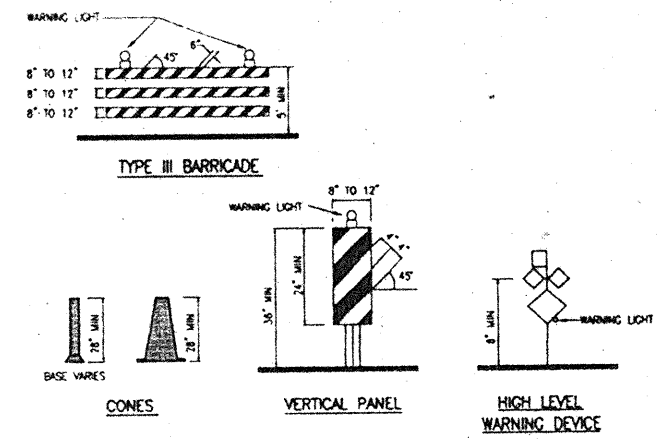
## SPECIAL PROJECT TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL COMPLETE ALL WORK NECESSARY ON THE RELOCATED ATLANTIC AVENUE PRIOR TO CLOSING THE EXISTING ATLANTIC AVENUE. NO DEMOLITION WORK ON THE EXISTING ROAD SHALL COMMENCE UNTIL THE NEW ROADWAY IS FULLY OPENED TO TRAFFIC.
- CONTRACTOR SHALL PROVIDE ACCESS TO THE ZOO AND TINGLEY PARK AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS TO DOLORES GONZALES ELEMENTARY SCHOOL AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE FULL ACCESS FOR SPECIAL EVENTS SUCH AS THE "RUN FOR THE ZOO" (IN MAY), AND ALL SPECIAL EVENTS AT THE ZOO THROUGHOUT THE SUMMER MONTHS.
- CONTRACTOR SHALL PROVIDE FULL PEDESTRIAN ACCESS AT ALL TIMES THROUGHOUT THE PROJECT LIMITS AND DURATION
- PERMIT REQUESTS FOR THIS PROJECT MAY BE DELAYED OR DENIED TO AVOID SCHEDULING CONFLICTS WITH SCHOOL ACTIVITIES, ZOO ACTIVITIES, OTHER CONSTRUCTION PROJECTS, OR OTHER SPECIAL EVENTS.**

## SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.



## LEGEND

- WORK AREA
  - BARRICADE - TYPE I, TYPE II OR BARREL
  - BARRICADE - TYPE III
  - VERTICAL PANEL
  - WARNING SIGN
  - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
  - FLAGMAN POSITION
  - SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
  - TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

## TAPER REQUIREMENTS

| SPEED LIMIT (MPH) | TAPER LENGTH (L) (FEET) |          |          | MINIMUM NUMBER OF DEVICES FOR TAPER | MAXIMUM DEVICE SPACING IN FEET |             |
|-------------------|-------------------------|----------|----------|-------------------------------------|--------------------------------|-------------|
|                   | 10' LANE                | 11' LANE | 12' LANE |                                     | ALONE TAPER                    | AFTER TAPER |
| 20                | 70                      | 75       | 80       | 5                                   | 20                             | 20          |
| 25                | 105                     | 115      | 125      | 6                                   | 25                             | 25          |
| 30                | 150                     | 165      | 180      | 7                                   | 30                             | 30          |
| 35                | 205                     | 225      | 245      | 8                                   | 35                             | 35          |
| 40                | 270                     | 295      | 320      | 9                                   | 40                             | 40          |
| 45                | 450                     | 495      | 540      | 13                                  | 45                             | 45          |
| 50                | 500                     | 550      | 600      | 13                                  | 50                             | 50          |
| 55                | 550                     | 605      | 660      | 13                                  | 55                             | 55          |

## RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

| SPEED LIMIT (MPH) | MINIMUM DISTANCE IN FEET |                         |
|-------------------|--------------------------|-------------------------|
|                   | BETWEEN SIGNS            | FROM LAST SIGN TO TAPER |
| 0-20              | 10 x SPEED LIMIT         | 10 x SPEED LIMIT        |
| 25-30             | 10 x SPEED LIMIT         | 10 x SPEED LIMIT        |
| 30-35             | 10 x SPEED LIMIT         | 10 x SPEED LIMIT        |
| 40-45             | 10 x SPEED LIMIT         | 10 x SPEED LIMIT        |
| 50-60             | 10 x SPEED LIMIT         | 10 x SPEED LIMIT        |

## TAPER CRITERIA

| TYPE OF TAPER         | TAPER LENGTH      |
|-----------------------|-------------------|
| UPSTREAM TAPER        | L MINIMUM         |
| MERGING TAPER         | 1/2 L MINIMUM     |
| SHIFTING TAPER        | 1/2 L MINIMUM     |
| SHOULDER TAPER        | 100 FEET MINIMUM  |
| TWO-WAY TRAFFIC TAPER | 100 FEET PER LANE |
| DOWNSTREAM TAPERS     | 100 FEET PER LANE |

## TAPER LENGTH COMPUTATION

| SPEED LIMIT                                             | W <sup>2</sup> /60 |
|---------------------------------------------------------|--------------------|
| 40 MPH or LESS                                          | W <sup>2</sup> /60 |
| 45 MPH or GREATER                                       | L = W x S          |
| L = TAPER LENGTH                                        |                    |
| W = WIDTH OF OFFSET IN FEET                             |                    |
| S = POSTED SPEED OR OFF-PEAK 85 PERCENTILE SPEED IN MPH |                    |

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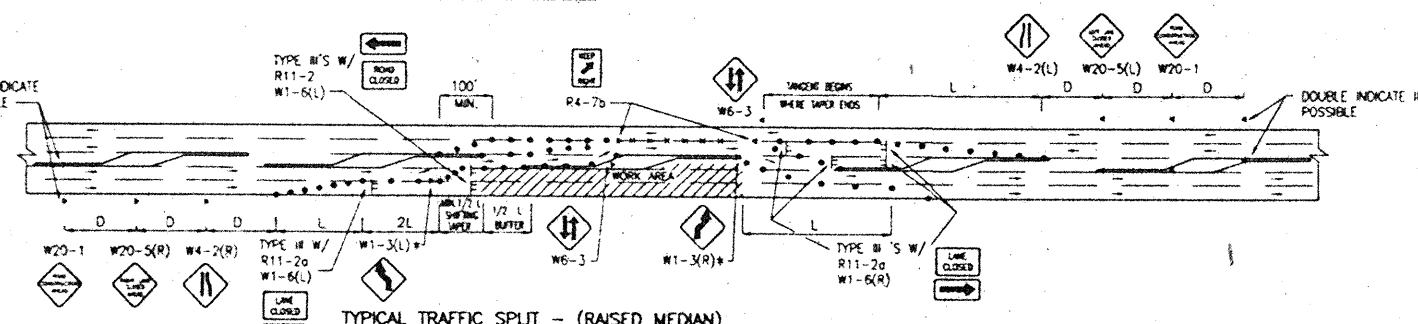
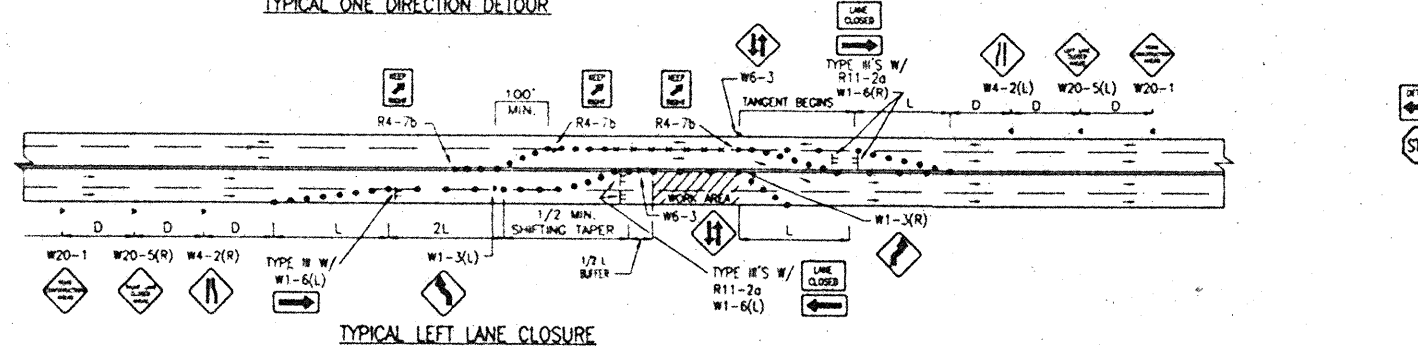
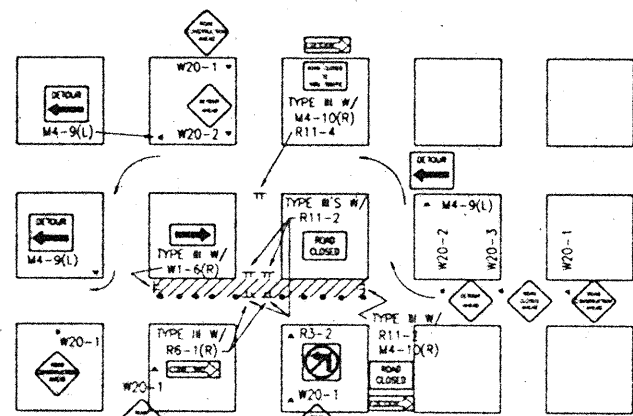
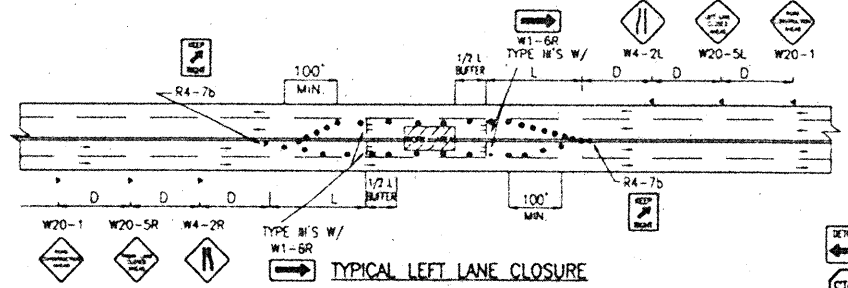
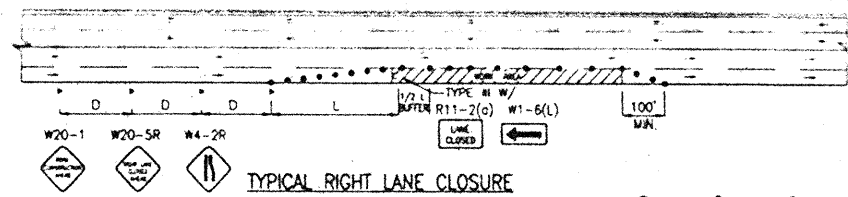
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.E.  
PAVING IMPROVEMENTS  
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

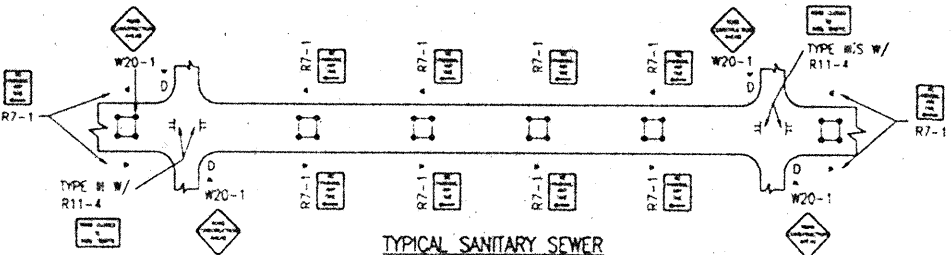
Design Review Committee City Engineer Approval

C.O.A. STD. C.O.A. STD.

City Project No. 648381 Zone Map No. K-13 Sheet 27 of 28

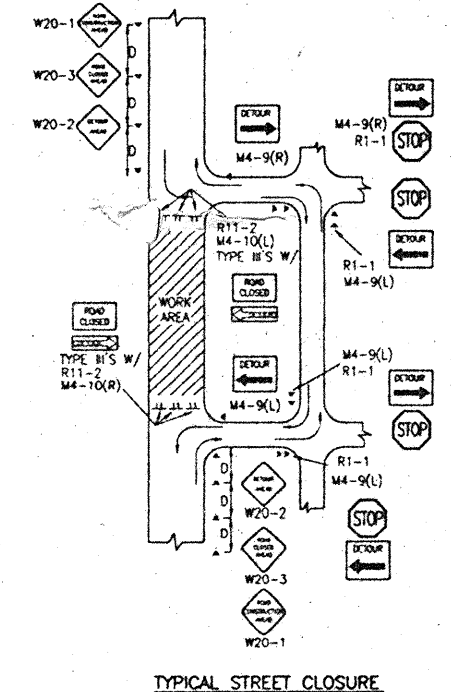
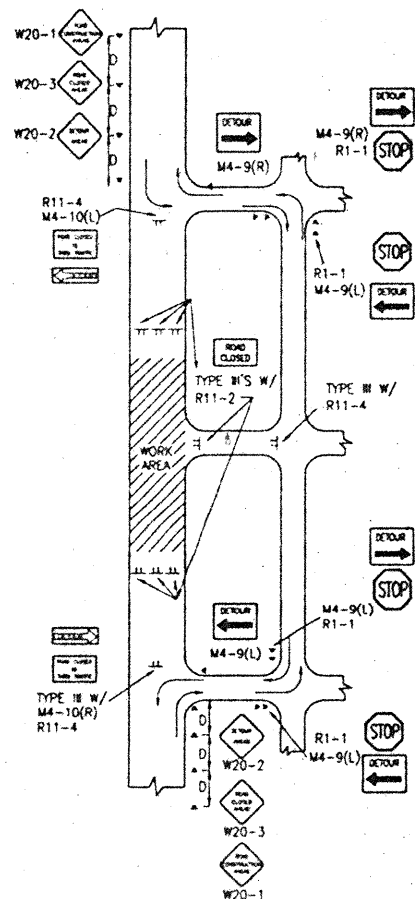
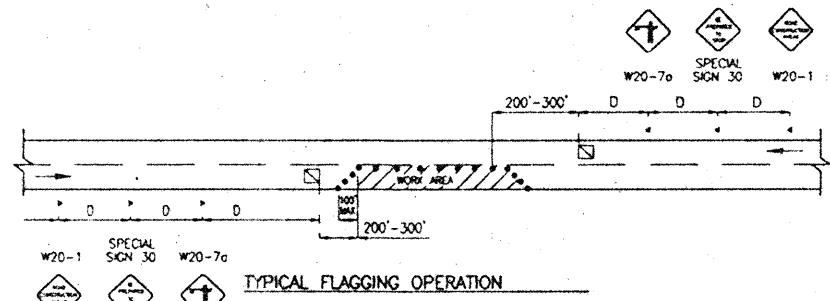
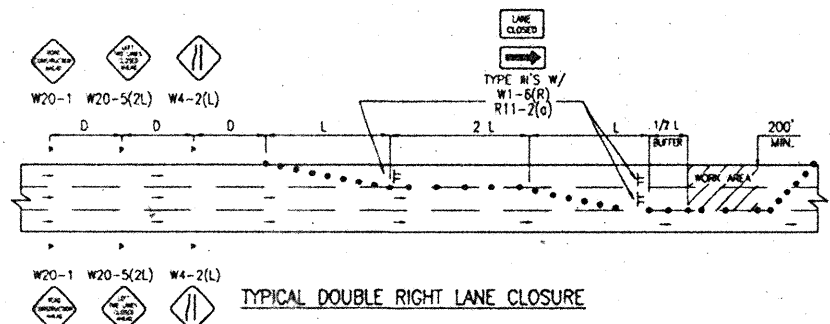
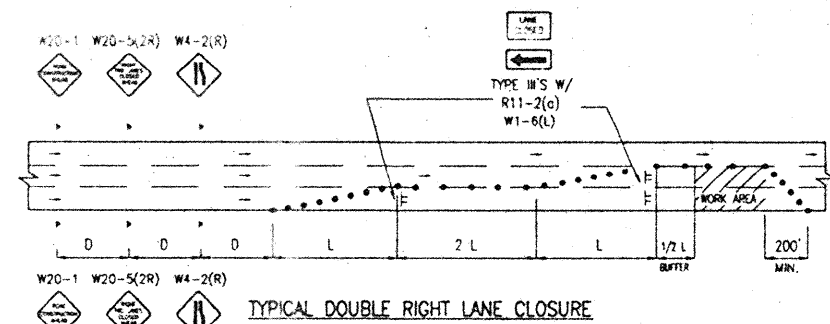
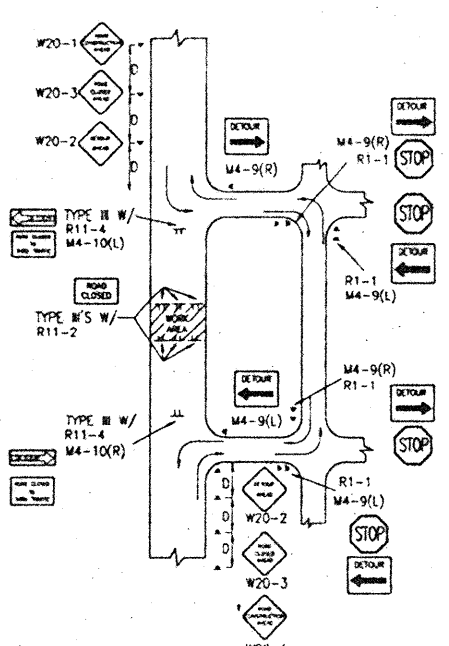
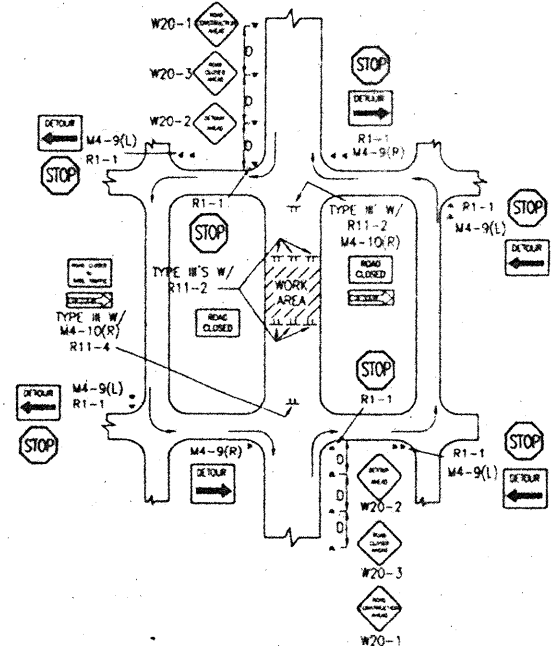
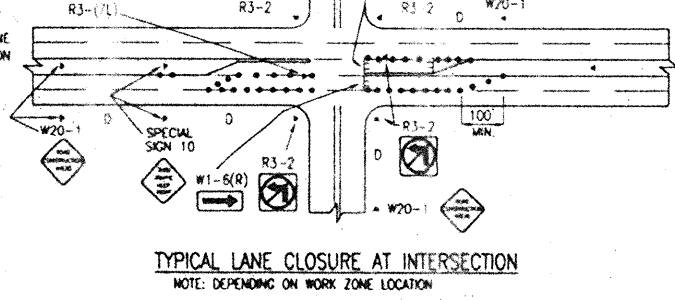


- TRAFFIC SPLIT NOTES:**
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
  2. 1/2 L. IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
  3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
  4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L. OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
  5. REDUCED SPEED MAY BE CONSIDERED.
  6. \* USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS  
ALL PITS TO HAVE FLAGLINE

**TYPICAL STREET CLOSURE**  
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.  
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



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|                                                                                                                                                       |                        |                    |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|-------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DEVELOPMENT GROUP                                                                       |                        |                    |       |
| TITLE: DOLORES GONZALES ELEMENTARY SCHOOL/ATLANTIC AVENUE S.W.<br>PAVING IMPROVEMENTS<br>TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M/U.T.C.D.) |                        |                    |       |
| Design Review Committee                                                                                                                               | City Engineer Approval | Last Design Update |       |
| C.O.A. STD.                                                                                                                                           | C.O.A. STD.            |                    |       |
| City Project No. 648381                                                                                                                               | Zone Map No. K-13      | Sheet 28           | Of 28 |

C.O.A. STANDARDS

| REMARKS          |  | NO. | DATE | BY |
|------------------|--|-----|------|----|
| DESIGN           |  |     |      |    |
| C.O.A. STANDARDS |  |     |      |    |
| Designed By      |  |     |      |    |
| Drawn By         |  |     |      |    |
| Checked By       |  |     |      |    |

AS BUILT INFORMATION

BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL

REVISIONS