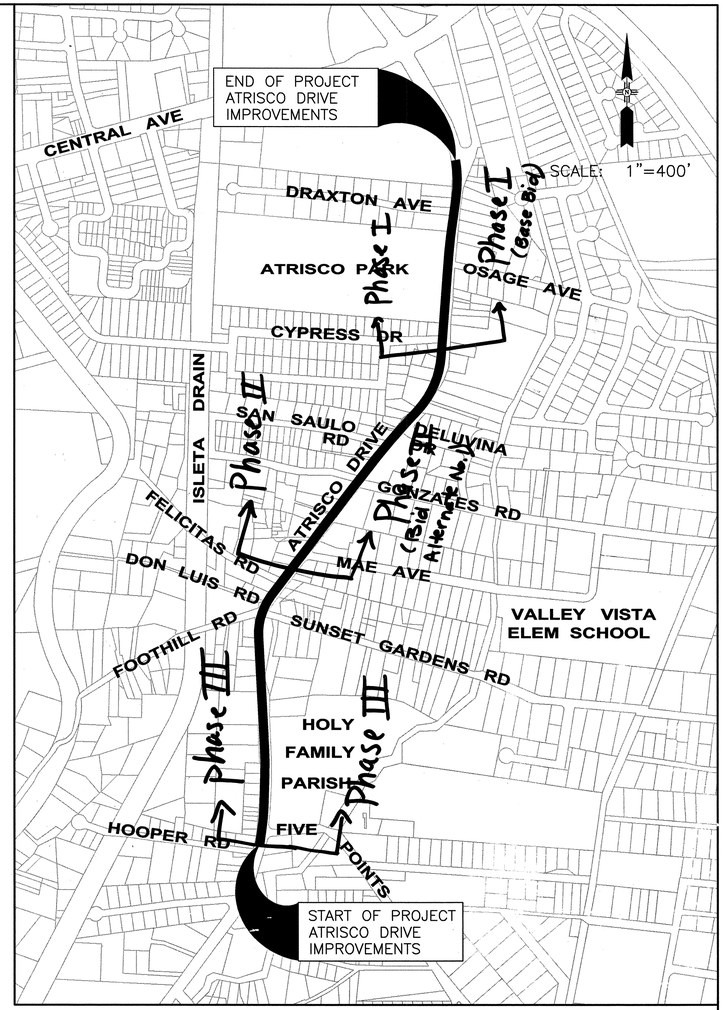
# CITY OF ALBUQUERQUE, NEW MEXICO
# DEPARTMENT OF MUNICIPAL DEVELOPMENT

## CONSTRUCTION PLANS
## FOR

# ATRISCO DRIVE S.W.
# CORRIDOR IMPROVEMENTS

## COA PROJECT # 5337-02
## STA. 10+00.00 TO STA. 52+20.00




**VICINITY MAP**

ZONE ATLAS: K-12-Z

CITY OF ALBUQUERQUE · NEW MEXICO · 1706

**CERTIFICATION:**
THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH THE INFORMATION FURNISHED BY CONSTRUCTION, CONTRACTING & MANAGEMENT, INC. TO REFLECT THE CONSTRUCTION AS ACTUALLY ACCOMPLISHED.

DEREK D. MEIER NEW MEXICO 14504 REGISTERED PROFESSIONAL ENGINEER 7/29/09

WILSON & COMPANY, INC.
RECORD DRAWINGS

**WILSON &COMPANY**
4900 LANG AVE., NE
SUITE 100
ALBUQUERQUE, NEW MEXICO 87109

| REV | SHEETS | CITY ENGINEER | DATE | USER DEPT. | DATE | USER DEPT. | DATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

ENGINEERS STAMP & SIGNATURE

DEREK D. MEIER NEW MEXICO 14504 REGISTERED PROFESSIONAL ENGINEER 3/1/08

| APPROVALS | ENGINEER | DATE |
|---|---|---|
| DRC Chairman | J Woodall | 3/26/08 |
| Transportation | Charles N. Moyer | 3/25/08 |
| Water/Wastewater | | 3-26-08 |
| Hydrology | | 3-26-08 |
| C.I.P. | | |
| Const. Coord. | | |
| NMUI | | |
| AMAFCA | | |

APPROVED FOR CONSTRUCTION

City Engineer Date 3-26-08

City Project No. 5337-02

SHEET NO. 1-1

Sheet 1 Of 67

**Notice Of Extended Pavement Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

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1/53

# INDEX OF SHEETS

| SHEET NUMBER | DESCRIPTION | SERIAL | DATE |
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| 1–1 | COVER SHEET | | |
| 1–2 | INDEX OF SHEETS | | |
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| 1–4 | ENVIRONMENTAL NOTES | | |
| 1–5 | SUMMARY OF QUANTITIES | | |
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| 2–1 THRU 2–2 | EXISTING AND PROPOSED TYPICAL SECTIONS | | |
| 2–3 | ADA GENERAL NOTES | | |
| 2–4 | ADA DETAILS | | |
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| 3–1 | GEOMETRIC CONTROL & ℄ HORIZONTAL CONTROL ATRISCO DRIVE | | |
| 3–2 THRU 3–5 | ATRISCO DRIVE PLAN & PROFILE SHEETS | | |
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| | SUBTOTAL 1 SHEETS | | |
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| 6–1 THRU 6–18 | TRAFFIC CONTROL/CONSTRUCTION SIGNING | | |
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| 7–1 THRU 7–3 | PERMANENT SIGNING AND STRIPING PLANS | | |
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| 8–1 | NOT USED | | |
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| 9–1 | UTILITY INFORMATION SHEET | | |
| 9–2 THRU 9–7 | STORM DRAIN PLAN AND PROFILE SHEETS & DETAILS | | |
| 9–8 THRU 9–9 | WATERLINE AND SANITARY SEWER PLAN | | |
| | AND PROFILE SHEETS & DETAILS | | |
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| | SUBTOTAL 0 SHEETS | | |
| | | | |
| | | | |
| | SUBTOTAL 67 SHEETS | | |
| | TOTAL 67 SHEETS | | |

## SYMBOL LEGEND

| PROPOSED | EXISTING | DESCRIPTION |
|---|---|---|
| | | CONCRETE |
| | | COLORED PATTERNED CONCRETE |
| | | SLOPE LIMITS |
| | | RIGHT–OF–WAY |
| | | NAIL & SHINER |
| | | BOLLARD |
| | | CONTROL POINT |
| | | T–RAIL |
| | | REBAR/PIPE |
| | | SINGLE POST SIGN |
| | | DOUBLE POST SIGN |
| | | GUY WIRE |
| | | WOOD POST |
| | | TREE (3" TYPICAL UNLESS NOTED) |
| | | BUSH |
| | | POWER POLE |
| | | SPRINKLER |
| | | LIGHT POLE |
| | J | J–BOX |
| | WV | WATER VALVE |
| | R | REFLECTOR |
| | EM | ELECTRIC METER |
| | | TRAFFIC LIGHT |
| | | BENCH |
| | TB | TRAFFIC CONNECTION BOX |
| | TCB | TRAFFIC CONTROL BOX |
| | T | TELEPHONE RISER |
| | E | ELECTRIC BOX |
| | ESB | ELECTRIC SPLICE BOX |
| | TV | CABLE TV BOX |
| | SCB | SPRINKLER CONTROL BOX |
| | WM | WATER METER |
| | MB | MAIL BOX |
| | | FIRE HYDRANT |
| | | DROP INLET |
| | | GATE |
| | TV | CABLE TV MANHOLE |
| | D | STORM DRAINAGE MANHOLE |
| | S | SANITARY AND SEWER MANHOLE |
| | T | TELEPHONE MANHOLE |
| | E | ELECTRIC MANHOLE |
| | | CURB AND GUTTER |
| | | CONCRETE/SIDEWALK |
| | G | UNDERGROUND GAS LINE |
| | UGT | UNDERGROUND TELEPHONE LINE |
| | FO | UNDERGROUND FIBER OPTICS LINE |
| | W | UNDERGROUND WATERLINE |
| | CATV | UNDERGROUND CABLE TELEVISION LINE |
| | UGE<br>OHE | UNDERGROUND ELECTRIC LINE<br>OVERHEAD ELECTRIC LINE |
| | SAS | UNDERGROUND SANITARY SEWER LINE |
| SD | SD | UNDERGROUND STORM DRAIN LINE |
| | X | WIRE FENCE |
| | O | PIPE FENCE |
| | O | WOOD FENCE |
| | | BLOCK WALL |
| | 3" | UNDERGROUND CONDUIT |

**Notice Of Extended Pay ment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

*AS–BUILT INFORMATION*

CONTRACTOR
WORK STARTED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

*MICRO–FILM INFORMATION*

RECORDED BY — DATE
NO.

*BENCH MARKS*

THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*ENGINEER'S SEAL*

EUGENE E. ARCHULETA — NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS<br>REVISIONS | BY |
|---|---|---|---|
| | | | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
INDEX OF SHEETS

Design Review Committee: APPROVED DEC 2 [illegible] DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 2 [illegible] CITY ENGINEER
Last Design Update — Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02
Zone Map No. K–12
Sheet 1–2 Of

WILSON & COMPANY



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## GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION, REVISION 7.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM (260-1990), FOR LOCATION OF EXISTING UTILITIES.

3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE COMPLETED ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE ANEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

4. THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT OF WAY LIMITS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.

5. THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE HIS/HER RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS/HER RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD HE/SHE BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES HE/SHE SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.

6. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.

7. THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.

8. IF IT BECOMES NECESSARY THE CONTRACTOR SHALL COORDINATE WITH PNM ELECTRIC FOR ANY UNFORESEEN CONFLICTS, AS RELOCATIONS SHOULD BE COMPLETE PRIOR TO CONSTRUCTION. CALL DICK HAMRIC (241-3469).

9. ALL RADII OF CURB RETURNS ARE SHOWN TO FACE OF CURB AND, UNLESS OTHERWISE NOTED, ALL OFFSET/DIMENSIONS ARE TO FACE OF CURB.

10. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.

11. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVE PADS, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER COA STANDARDS AT THEIR OWN EXPENSE.

12. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT IN A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. PRIOR TO LAYING NEW PAVEMENT, THE EXPOSED EXISTING ASPHALT EDGE SHALL BE TACK COATED.

13. THE EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS ARE APPROXIMATE.

14. LIMITATION ON COMPACTION EQUIPMENT: THE CONTRACTOR SHALL BE RESTRICTED TO A 35 TON (MAXIMUM) NON-VIBRATORY ROLLER FOR COMPACTION IN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR PERMANENT STRUCTURES AS REQUIRED AND APPROVED BY THE PROJECT MANAGER.

15. ALL EXCAVATIONS FOR THE PROPOSED STORM DRAIN SYSTEM, WATERLINE & SANITARY SEWER, AND OTHER EXCAVATIONS AS NECESSARY SHALL BE GOVERNED BY THE CURRENT CONSTRUCTION SAFETY AND HEALTH STANDARDS.

16. WHEELCHAIR RAMPS: WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS CONSTRUCTED WITH THIS PROJECT AT ALL LOCATIONS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD DETAILS. WHEELCHAIR RAMPS SHALL BE MEASURED AND PAID PER SQUARE YARD OF SURFACE AREA.

17. THE CONTRACTOR SHALL COMPLY WITH ALL TRAFFIC CONTROL NOTES AND REQUIREMENTS AS LISTED ON SHEETS 6-1 THRU 6-16, AND SPECIFIC PHASE REQUIREMENTS LISTED ON THEIR RESPECTIVE PLAN SHEETS IN SECTION 6.

18. EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER EMPLOYEES' SAFETY.

19. R-VALUE: THE DESIGN R-VALUE FOR THIS PROJECT IS 50. WHERE SOILS WITH AN R-VALUE OF LESS THAN 40 OCCUR AT FINISHED SUBGRADE ELEVATION OF PAVED ROADWAY AREAS, THESE SOILS SHALL BE OVER EXCAVATED A VERTICAL DEPTH OF AT LEAST THREE (3) FEET AND FOR A LATERAL DISTANCE OF AT LEAST THREE (3) FEET OUTSIDE OF THE BACK EDGE OF CURB (SEE CITY OF ALBUQUERQUE STANDARD DESIGN SECTIONS.). THE OVER EXCAVATED MATERIAL SHALL BE PLACED WITH A MORE GRANULAR MATERIAL HAVING AN R-VALUE OF AT LEAST 40.

20. UNSUITABLE MATERIAL: IF UNSUITABLE MATERIAL OCCURS THE REMOVAL AND DISPOSAL, INCLUDING HAULING, OF SUCH UNSUITABLE MATERIAL, AS DESCRIBED IN SECTION 202 EXCAVATION OF THE COA STANDARD SPECIFICATIONS, WILL BE PAID FOR UNDER THE ITEM 202.010 EXCAVATE AND DISPOSE OF UNSUITABLE MATERIAL, COMPLETE.

21. ENDS OF NEW CURB AND GUTTER SHALL BE TAPERED FROM 8" TO 0" IN HEIGHT OVER A LENGTH OF 5 FEET. PAYMENT FOR THIS WORK SHALL BE PAID FOR AS LINEAR FEET OF STANDARD CURB AND GUTTER AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

## GENERAL NOTES CONTINUED:

22. EARTHWORK: EARTHWORK (EXCEPT UNSUITABLE MATERIAL, SEE NOTE 33) FOR THIS PROJECT SHALL BE PAID AS PER SECTION 202 ROADWAY EXCAVATION, NAMELY 202.8 SELECT MATERIAL AND 202.7 SURPLUS MATERIAL, OF THE COA STANDARD SPECIFICATIONS AND BID ITEMS 202.011 EXCAVATE AND DISPOSE OF UNCLASSIFIED MATERIAL, COMPLETE; 202.012 EXCAVATION, PLACEMENT, AND COMPACTION OF SELECT MATERIAL, CIP. HAULING IS CONSIDERED AS INCLUDED IN THESE ITEMS AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE. SURPLUS UNCLASSIFIED MATERIAL SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE PROJECT ENGINEER AS PER SECTION 202.7 SURPLUS MATERIAL OF THE COA STANDARD SPECIFICATIONS. IF THE CONTRACTOR CHOOSES AN ALTERNATE CONSTRUCTION PHASING PLAN OTHER THAN THE ONE DETAILED IN THESE PLANS, THE CONTRACTOR SHALL DEVELOP AN EARTHWORK PHASING PLAN DETAILING CUT AND FILL, SURPLUS, STOCKPILING (IF REQUIRED), AND BORROW (IF REQUIRED) AND SUBMIT IT TO THE PROJECT ENGINEER TWO (2) WEEKS PRIOR TO BEGINNING EARTHWORK OPERATIONS. ANY ADDITIONAL COST FOR THE ALTERNATE PLAN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CITY OF ALBUQUERQUE WILL MAKE NO ADDITIONAL MEASUREMENT OR PAYMENT.

23. WARPING OF SLOPES: THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT LIMITS. THE WORK SHALL BE AS DIRECTED BY THE PROJECT MANAGER.

24. REMOVALS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS AT THE LOCATIONS WITHIN THE LIMITS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR THE ITEMS LISTED UNDER THE REMOVALS SECTION OF THE BID SCHEDULE AND ANY OTHER "REMOVE AND DISPOSE" ITEMS LISTED IN THE BID SCHEDULE. HAULING OF REMOVALS AND DISPOSED MATERIAL SHALL BE CONSIDERED AS INCIDENTAL TO THE PROJECT.

25. MAINTENANCE OF AS-BUILT PLANS: THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

26. CLEANING OF STRUCTURES: STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

27. VIBRATION MONITORING AND VIDEO TAPING: VIBRATION MONITORING AND VIDEO TAPING SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES AS DEFINED IN THIS GENERAL NOTE AND AS DIRECTED BY THE PROJECT MANAGER. "STRUCTURES" IS DEFINED AS BRIDGES, CULVERTS, CATCH BASINS, DROP INLETS, RETAINING WALLS, CRIBBING, MANHOLES, ENDWALLS, BUILDINGS, SEWERS, SERVICE PIPES, UNDER DRAINS, FOUNDATION DRAINS, AND OTHER SUCH FEATURES THAT MAY BE ENCOUNTERED IN THE WORK. THE CONSTRUCTION AREA AND AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION SHALL ALSO BE VIDEO TAPED. VIBRATION MONITORING, VIDEO-TAPING, AND RELATED WORK SHALL BE PERFORMED ACCORDING TO THE SPECIFICATIONS INCLUDED IN THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS OF THE CONTRACT BOOK AND PAID FOR AT THE LUMP SUM CONTRACT PRICE FOR ITEM 1600.001 VIBRATION MONITORING, COMPLETE.

28. SPEED LIMIT SIGNING: PRIOR TO ORDERING AND INSTALLING SIGNS THAT INCLUDE THE SPEED LIMIT (I.E. R2-1-36) ON THE PROJECT, THE CONTRACTOR SHALL VERIFY THE SPEED LIMIT TO BE POSTED WITH THE CITY OF ALBUQUERQUE.

29. GROUTING OF RCP: FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

30. THE SUBGRADE PREP SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW CURB & GUTTER, PER REVISION 7 OF CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

31. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

32. THE CONTRACTOR SHALL SLOPE STAKE THE ENTIRE PROJECT PRIOR TO CONSTRUCTION AND SHALL COMPILE THEIR OWN EARTHWORK QUANTITIES TO CONFIRM ESTIMATED QUANTITIES (THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE). THESE QUANTITIES WILL NEED TO BE AGREED UPON BY THE OWNER AND THE CONTRACTOR. THE CONTRACTOR WILL BE PAID A PERCENTAGE OF THE AGREED UPON QUANTITIES BASED ON THE AMOUNT OF WORK COMPLETED FOR EACH PAY ESTIMATE.

33. CONTRACTOR SHALL NOT OPERATE VALVES OR ISOLATE ANY PORTION OF THE WATER DISTRIBUTION, COLLECTOR, OR TRANSMISSION SYSTEM. SEVEN (7) WORKING DAYS PRIOR TO ANY WORK ON THE EXISTING PUBLIC WATER UTILITIES, THE CONTRACTOR SHALL CONTACT THE WATER UTILITY DIVISION AND SUBMIT A PERMIT FOR A WATER SHUT-OFF OR TURN-ON. SEE SECTION 18.3 OF THE STANDARD SPECIFICATIONS".

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BENCH MARKS

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TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR
WORK STARTED BY — DATE
WORK ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS APPROVED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
GENERAL NOTES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMM.
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02
Zone Map No. K-12
Sheet 1-3 Of

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# ENVIRONMENTAL REQUIREMENTS AND NOTES
## THE FOLLOWING ITEMS REQUIRE SPECIAL ATTENTION:

1. DISPOSAL OF UNSUITABLE MATERIALS AND DEBRIS. ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEARING AND GRUBBING ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE SECURED AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER, IN WRITING, OF THE DETAILS OF THE DISPOSAL OPERATIONS. BORROW MATERIAL, ROCK WASTE, VEGETATIVE DEBRIS, ETC., SHALL NOT BE PLACED IN WETLAND AREAS OR AREAS WHICH MAY IMPACT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES. AN ARCHAEOLOGICAL SURVEY AND ENVIRONMENTAL CLEARANCE SHALL BE OBTAINED BY THE CONTRACTOR BEFORE DISPOSAL SITES ARE ACCEPTED.

2. REPORTING AND CLEANUP OF SPILLS AND HANDLING OF TOXIC MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING PAST SPILLS ENCOUNTERED DURING CONSTRUCTION AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM AT 827-4308 OR 470-3657, THE PROJECT MANAGER. ANY UNREPORTED SPILLS IDENTIFIED AFTER CONSTRUCTION AND ASSOCIATED WITH PROJECT CONSTRUCTION SHALL BE CLEANED UP BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR SHALL BEAR THE FULL COST OF CLEANUP OF SUCH UNREPORTED SPILLS. ALL APPROPRIATE MEASURES WILL BE TAKEN DURING CONSTRUCTION TO PREVENT, MINIMIZE AND CONTROL THE SPILL OF HAZARDOUS MATERIALS IN THE CONSTRUCTION STAGING AREA. ALL MATERIALS BEING REMOVED AND/OR DISPOSED OF BY THE CONTRACTOR WILL BE HANDLED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL LAWS AND SO AS NOT TO DEGRADE AMBIENT WATER QUALITY.

3. REVEGETATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL SUBMIT A REVEGETATION AND EROSION CONTROL PLAN FOR APPROVAL WITH THE SWPPP. ANY DEVIATIONS FROM THE APPROVED PLAN MUST HAVE PRIOR APPROVAL OF THE PROJECT MANAGER. THE USE OF EROSION CONTROL MEASURES SHALL BE INCLUDED IN ACCORDANCE WITH THE NPDES GENERAL PERMIT COMPLIANCE. THE CONTRACTOR IS TO IMPLEMENT ANY ADDITIONAL MEASURES DETERMINED APPROPRIATE BY THE PROJECT MANAGER IN ACCORDANCE WITH THE SWPPP TO PRECLUDE SEDIMENT-LADEN RUNOFF FROM LEAVING THE PROJECT AREA DURING AND AFTER CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NEW MEXICO WATER QUALITY ACT AND APPLICABLE CLEAN WATER ACT PERMITS AND REGULATIONS.

4. A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.

5. THE CONTRACTOR WILL BE IN COMPLIANCE WITH PROVISIONS OF THE ALBUQUERQUE NOISE ORDINANCE. COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

6. IF CULTURAL RESOURCES OR FOSSIL MATERIALS ARE UNCOVERED DURING CONSTRUCTION, WORK WILL BE HALTED IN THAT AREA. THE CONTRACTOR WILL NOTIFY THE PROJECT MANAGER. NO WORK WILL OCCUR IN THE AREA UNTIL IT IS CLEARED WITH THE PROJECT MANAGER. COST FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO MEASUREMENT FOR PAYMENT WILL BE MADE THEREFOR.

7. IF SKELETAL REMAINS ARE FOUND THE CONTRACTOR SHALL CONTACT OFFICE OF THE MEDICAL EXAMINER AT 272-3053.

ENVIRONMENTAL PROGRAM MANAGER

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS. 2-K12B. 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR
WORK ISSUED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING AS CORRECTED BY — DATE

*MICRO-FILM INFORMATION*

RECORDED BY — DATE

| NO. | |
|---|---|
| | |

*ENGINEER'S SEAL*

NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER — 8/17/05

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

*REVISIONS*

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
ENVIRONMENTAL NOTES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| X | X | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 1-4 | |

Notice Of Extended Pavement Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY



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# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES - Atrisco

| COA ITEM NO. | DESCRIPTION | UNIT | ROADWAY | | CONSTRUCTION ENGINEERING | | PERMANENT SIGNING | | SIGNALIZATION & LIGHTING | | DRAINAGE | | UTILITIES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ESTIMATE | FINAL | ESTIMATE | FINAL | ESTIMATE | FINAL | ESTIMATE | FINAL | ESTIMATE | FINAL | ESTIMATE | FINAL |
| 6.050 | CONSTRUCTION MOBILIZATION | LS | | | 1.00 | | | | | | | | | |
| 6.010 | CONSTRUCTION PROJECT SIGN | EACH | | | 2.00 | | | | | | | | | |
| 30.020 | NPDES PERMITTING | LS | | | 1.00 | | | | | | | | | |
| 19.010 | TRAFFIC CONTROL & BARRICADING | LS | | | 1.00 | | | | | | | | | |
| 1600.001 | VIBRATION MONITORING AND VIDEO TAPING, COMPL. | LS | | | 1.00 | | | | | | | | | |
| 201.010 | SITE CLEARING & GRUBBING, COMPLETE | AC | 1.80 | | | | | | | | | | | |
| 202.010 | EXCAVATE AND DISPOSE OF UNSUITABLE MATERIAL, COMPLETE. | CY | 5,375.00 | | | | | | | | | | | |
| 205.010 | FILL, BORROW, HAUL & COMP | CY | 988.00 | | | | | | | | | | | |
| 301.020 | SUBGRADE PREP, 12" | SY | 18,885.00 | | | | | | | | | | | |
| 302.000 | AGGREGATE BASE COURSE CRUSHED, 8" @ 95% COMP., CIP | SY | 15,375.00 | | | | | | | | | | | |
| 336.010 | PRIME COAT | SY | 15,371.00 | | | | | | | | | | | |
| 336.080 | ARTERIAL ASPHALT CONCRETE SP-II, 3" LIFT, MATERIAL & PLACEMENT,cip | SY | 15,375.00 | | | | | | | | | | | |
| 336.082 | ARTERIAL ASPHALT CONCRETE SP-III, 2" LIFT, MATERIAL & PLACEMENT,cip | SY | 30,745.00 | | | | | | | | | | | |
| 336.120 | TACK COAT | SY | 30,745.00 | | | | | | | | | | | |
| 340.010 | SIDEWALK, 4" PCC | SY | 1,600.00 | | | | | | | | | | | |
| 340.020 | DRIVEPAD, 6" PCC | SY | 675.00 | | | | | | | | | | | |
| 340.025 | WHEELCHAIR ACCESS RAMP, 4" PCC | EA | 30.00 | | | | | | | | | | | |
| 340.030 | VALLEY GUTTER & CURB, PCC, INCL. REINF. & SUBGRADE COMP. | SY | 265.00 | | | | | | | | | | | |
| 340.050 | CURB & GUTTER STANDARD, 6" PCC | LF | 8,705.00 | | | | | | | | | | | |
| 340.060 | CURB & GUTTER, MEDIAN, PCC | LF | 325.00 | | | | | | | | | | | |
| 346.100 | TXT PVMT, 4" CLOR, PCC | SF | 75.00 | | | | | | | | | | | |
| 999.002 | ADHESIVE TYPE TRUNCATED DOME DETECTABLE WARNING SURFACE,CIP. | EA | 30.00 | | | | | | | | | | | |
| 343.010 | ASP. CONC. PAVEMENT, REMOVE & DISPOSE, NO SAW CUT | SY | 13,985.00 | | | | | | | | | | | |
| 343.080 | EXISTING CURB & GUTTER REMOVE & DISPOSE | LF | 4,150.00 | | | | | | | | | | | |
| 427.122 | PEDESTRIAL SIGNAL , ANY TYPE, REMOVE & RELOCATE, COMPL. | EA | 2.00 | | | | | | | | | | | |
| 450.101 | SIGN, POST & BASE POST REMOVE & SALVAGE COMPL. | LF | 30.00 | | | | | | | | | | | |
| 801.056 | 16" EXISTING LINE WATERLINE WITH FITTINGS. REMOVE & DISPOSE | LF | 665.00 | | | | | | | | | | | |
| 901.710 | 4"-8" SAS, REM & DISP. | LF | 680.00 | | | | | | | | | | | |
| 920.570 | MANHOLE, REMOVE & DISPOSE, ALL DEPTHS, 4' - 6' DIA | LF | 1.00 | | | | | | | | | | | |
| 423.001 | TRAFFIC SIGNAL FOUNDATION FOR PEDESTAL POLE, CIP | LF | | | | | 2.00 | | | | | | | |
| 427.122 | PEDESTRAIN SIGNAL, REMOVE & RELOCATE | EA | | | | | 2.00 | | | | | | | |
| 441.001 | REFLECTORIZED PLASTIC MARKINGS 4" | EA | | | | | 6,480.00 | | | | | | | |
| 441.004 | REFLECTORIZED PLASTIC MARKINGS 12" | EA | | | | | 1,780.00 | | | | | | | |
| 441.010 | REFLECTORIZED PLASTIC RIGHT ARROW | SF | | | | | 2.00 | | | | | | | |
| 441.012 | REFLECTORIZED PLASTIC THRU ARROW | LF | | | | | 2.00 | | | | | | | |
| 441.020 | REFLECTORIZED PLASTIC WORD (ONLY) | LF | | | | | 2.00 | | | | | | | |
| 450.001 | ALUMINUM PANEL SIGNS | LF | | | | | 200.00 | | | | | | | |
| 450.010 | STEEL POST AND BASE POST FOR PANEL SIGNS | LF | | | | | 350.00 | | | | | | | |
| 910.078 | WYE, 36" x 24" RCP, FURNISH & INSTALL IN OPEN TRENCH, CIP | LF | | | | | 1.00 | | | | | | | |
| 910.006 | 18" RCP, IV | LF | | | | | | | | | 235.00 | | | |
| 910.010 | 24" RCP, IV | LF | | | | | | | | | 620.00 | | | |
| 910.014 | 30" RCP, IV | LF | | | | | | | | | 850.00 | | | |
| 910.018 | 36" RCP, IV | LF | | | | | | | | | 1,960.00 | | | |
| 701.100 | TRCH,BF,18"-36" SWR, < 8' | LF | | | | | | | | | 2,190.00 | | | |
| 701.110 | TRCH,BF,18"-36" SWR, 8'-12' | LF | | | | | | | | | 1,450.00 | | | |
| 915.010 | CTH BSN, TYPE A - MODIFIED, SG | LF | | | | | | | | | 10.00 | | | |
| 915.040 | CTH BSN, C, DG | LF | | | | | | | | | 2.00 | | | |
| 920.130 | MH, 6' DIA., TYPE C, LESS THAN 6' DEEP | LF | | | | | | | | | 5.00 | | | |
| 920.140 | MH, 6' DIA., TYPE C, 6' - 10' | LF | | | | | | | | | 15.00 | | | |
| 920.210 | MH, 8' DIA., TYPE C, 6' - 10' | LF | | | | | | | | | 2.00 | | | |
| 701.010 | TRENCHING, BACKFILING & COMPACTION FOR 4'-15' SEWER, 8' OR LESS IN DEPTH. PIPE NOT INCLUDED. | LF | | | | | | | | | 680.00 | | | |
| 701.100 | TRENCHING, BACKFILLING & COMPACTION FOR 18"-36" PIPE, UP TOT 8' IN DEPTH. PIPE NOT INCLUDED | LF | | | | | | | | | 665.00 | | | |
| 801.066 | DUCTILE IRON MJ FITTINGS, CLASS 250, 16"-36" WATERLINE | LB | | | | | | | | | | | 1,020.00 | |
| 801.111 | WATER VALVE BOX, ADJUST TO GRADE | EA | | | | | | | | | | | 23.00 | |
| 802.400 | WATER METER BOX, ADJUST TO GRADE | LF | | | | | | | | | | | 47.00 | |
| 802.600 | 3/4" WATER SERVICE LINE, NEW SINGLE CONNECTION TO EXISTING WATERMAIN | EA | | | | | | | | | | | 24.00 | |
| 901.030 | 8" SEWER PIPE, FURNISH & PLACE IN OPEN TRENCH | LF | | | | | | | | | | | 680.00 | |
| 905.050 | 4" NEW SEWER SERVICE LINE FROM MAIN TO PROPERTY LINE | EA | | | | | | | | | | | 47.00 | |
| 920.400 | EXISTING MANHOLE FRAME AND COVER, ADJUST TO GRADE WITH RINGS | EA | | | | | | | | | | | 39.00 | |
| 920.520 | MANHOLE 4', REHABILITATE 6' OR MORE IN DEPTH | EA | | | | | | | | | | | 1.00 | |
| 920.540 | MANHOLE WALL 4'-6' DIA, REHABILITATE, LESS THAN 6' IN DEPTH | EA | | | | | | | | | | | 1.00 | |

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY / INSPECTION / ACCEPTANCE BY / FIELD LOCATION BY / DRAWINGS CORRECTED BY — DATE

BENCH MARKS
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ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER 11/30/04

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
SUMMARY OF QUANTITIES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 1-5 | |

WILSON & COMPANY

Sheet 5 Of 67

5/53

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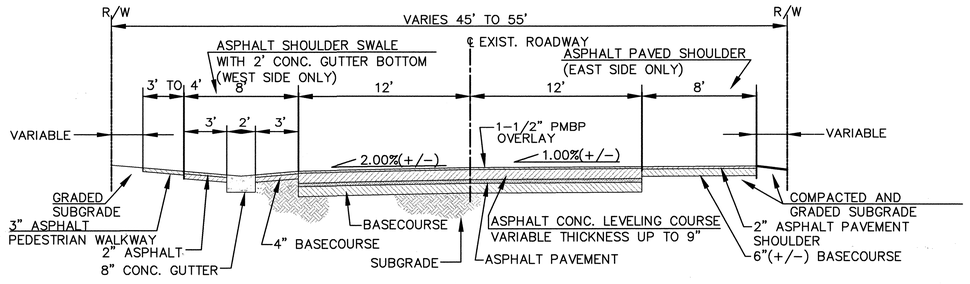
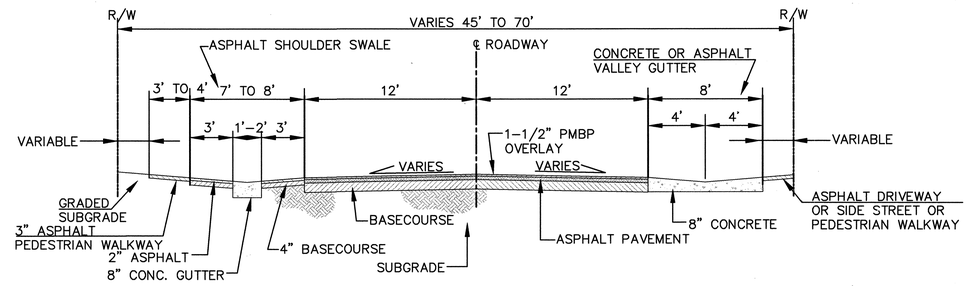



(NORTH OF DELUVINA DR. TO DRAXTON AVE.)

## EXISTING TYPICAL SECTION

SCALE 1"=5'

STA 41+50 TO STA 52+50

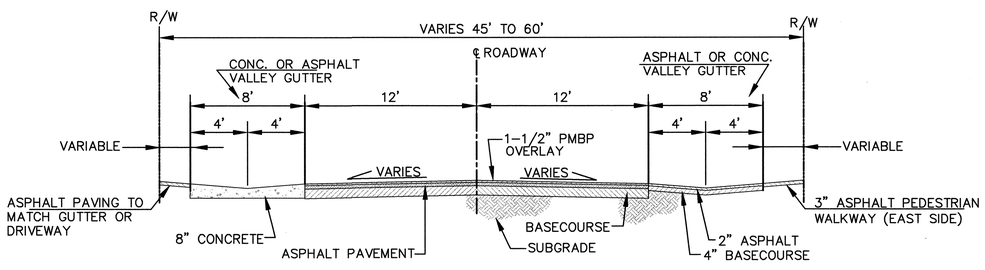



(SUNSET GARDENS/FOOTHILL ROAD TO NORTH OF DELUVINA DR.)

## EXISTING TYPICAL SECTION

SCALE 1"=5'

STA. 26+50 TO STA 41+50




(B.O.P. TO SUNSET GARDENS/FOOTHILL ROAD)

## EXISTING TYPICAL SECTION

SCALE 1"=5'

STA. 11+00.00 TO STA 26+50.00

## LENGTH OF PROJECT

| STATION TO STATION | LENGTH | MILES | REMARKS |
|---|---|---|---|
| 10+25.00 TO 52+20.00 | 4,220' | 0.80 | TWO LANE ROAD |
| | | | |
| | | | |

## TRAFFIC VOLUME ESTIMATE
## ATRISCO BLVD.

AVERAGE DAILY TRAFFIC (1995): 13,400
PROJECTED AT YEAR 2005 14,510

DESIGN LANE ESAL ($W_L$):

TWO LANE SECTION

DESIGN SPEED = 35 MPH

DESIGN R VALUE = 50

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SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

AS-BUILT INFORMATION

CONTRACTOR

WORK STAKED BY: DATE

WORKMANSHIP & MATERIALS ACCEPTANCE BY: DATE

FIELD VERIFICATION BY: DATE

DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE

NO.

ENGINEER'S SEAL

NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
EXISTING TYPICAL SECTIONS

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02

Zone Map No. K-12

Sheet Of 2-1

WILSON & COMPANY

Sheet 6 of 67

6/53

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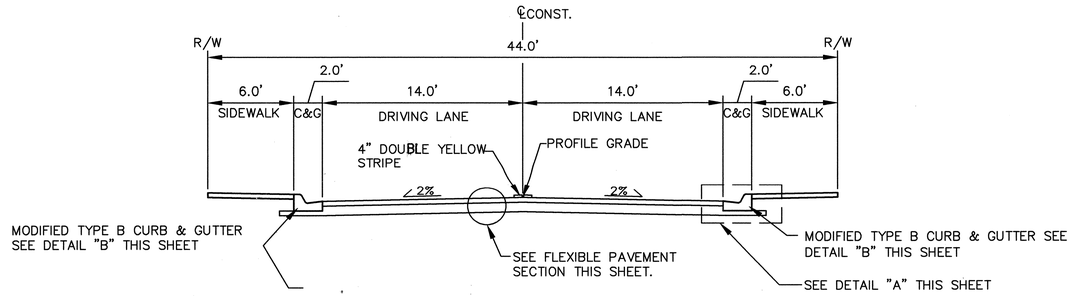
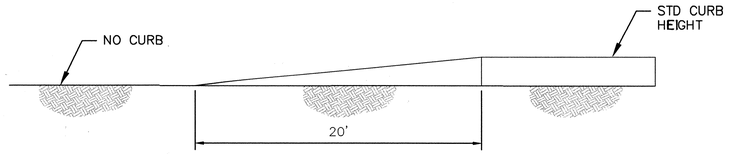



## PROPOSED TYPICAL SECTION

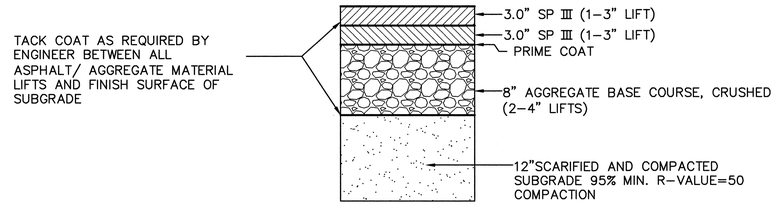
SCALE 1"=5'

STA. 10+25.00 TO STA 52+20.00




## TRANSITION FROM NO CURB TO CURB AT B.O.P

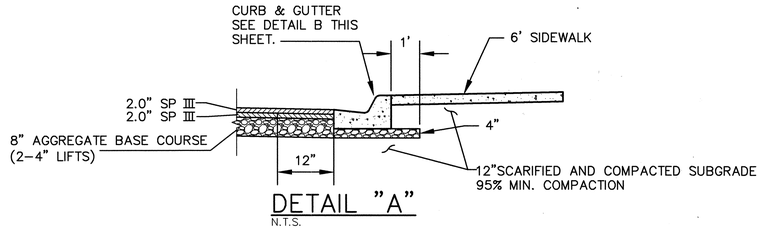
N.T.S.




## FLEXIBLE PAVEMENT SECTION

N.T.S.

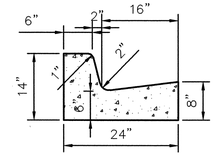
NOTE: SEE COA STD. DWG. 2407




## DETAIL "A"

N.T.S.

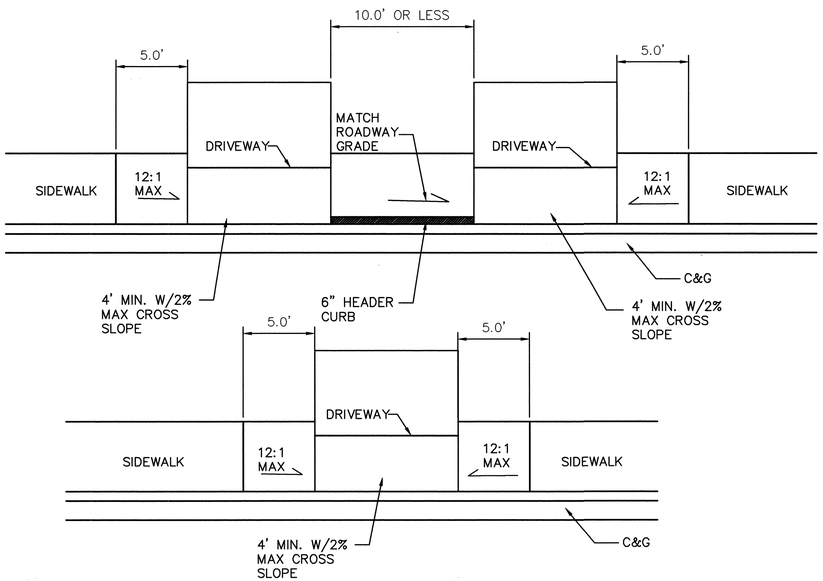
NOTE: SEE COA STD. DWG. 2407




MODIFIED TYPE B
BARRIER CURB & GUTTER
* DIMENSION OF 24" HAS BEEN MODIFIED FROM 27 1/2"

## DETAIL "B"

N.T.S.




## TYPICAL DRIVEWAY/SIDEWALK TRANSITION

**Notice Of Extended Pay ment Provision**

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**AS-BUILT INFORMATION**

CONTRACTOR
WORK STAKED BY — DATE
WORK INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

**BENCH MARKS**

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**MICRO-FILM INFORMATION**

RECORDED BY — DATE
NO.

**SURVEY INFORMATION**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

**ENGINEER'S SEAL**

NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER — 11/30/04

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

**REVISIONS**

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
PROPOSED TYPICAL SECTIONS

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02
Zone Map No. K-12
Sheet 2-2 Of

WILSON & COMPANY

Sheet 7 Of 67

7/53

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## NEW CONSTRUCTION – GENERAL NOTES:

1.) THESE DRAWINGS PROVIDE GUIDANCE FOR COMPLIANCE WITH THE CURRENT AMERICANS WITH DISABILITIES ACT (ADA) AND STATE CODE. THESE STANDARDS SHALL APPLY TO ALL NEW AND ALTERED SIDEWALKS.
2.) ANY DESIGN DEVIATION FROM THESE STANDARDS SHALL BE APPROVED BY THE COA PROJECT MANAGER
3.) SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. SIDEWALK AND CURB RAMP SURFACES SHALL PROVIDE CONSISTENT SLOPES WITHIN EACH SECTION.
4.) ALL BROOM FINISHES SHALL BE PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.

## SIDEWALKS

5.) SIDEWALKS, CURB AND GUTTER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SERIAL BSCG–001. (SWCG–001).
6.) THE LEAST POSSIBLE SLOPES SHELL BE USED FOR SIDEWALKS. SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1). AT LOCATIONS WHERE THE RIGHT–OF WAY IS RESTRICTIVE. THE SIDEWALK RUNNING SLOPE MAY FOLLOW THE ROAD PROFILE.
7.) SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% (50:1).
8.) SIDEWALKS SHALL HAVE A MINIMUM WIDTH OF 60".EXCLUDING THE CURB. EXCEPTION: A 36" WIDE SIDEWALK MAY BE USED WHERE THE RIGHT–OF WAY IS RESTRICTED. WHERE THE SIDEWALK IS LESS THAN 60" WIDE. A PASSING SPACE SHALL BE PROVIDED EVERY 200 LINEAR FEET. WHEREVER FEASIBLE. PASSING SPACES SHALL BE A MINIMUM OF 60"X60" WITH 45 DEGREE TRANSITION TAPERS, 5% (20:1) MAXIMUM RUNNING SLOPES AND 2% (50:1) MAXIMUM CROSS SLOPES
9.) ANY SIGN POSTS, UTILITY POLES, FIRE HYDRANTS, TRAFFIC SIGNAL STANDARDS, LIGHT POLES, ETC. IN THE SIDEWALK SHALL NOT REDUCE THE CLEAR WIDTH TO LESS THAN 36" FOR MORE THAN 24" LENGTH.

## CURB RAMPS

10.) THE LEAST POSSIBLE CURB RAMP SLOPE SHALL BE USED FOR COMPLIANCE WITH COA PEDESTRIAN ACCESS DETAILS. CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12:1). WHERE EXISTING TERRAIN IS STEEP. CURB RAMPS NEED NOT EXCEED 15 FEET IN LENGTH.
11.) PROVIDE A FLUSH TRANSITION BETWEEN RAMPS, SIDEWALKS,GUTTER, AND EDGE OF PAVEMENT, FREE OF DRAINAGE LIP, ABRUPT GRADE CHANGES, DROP–OFFS, OR ANY SURFACE IRREGULARITIES. A 5% (20:1) OR FLATTER TRANSITION TAPER SHALL BE PROVIDED FROM THE STREET TO THE GUTTER FOR CURB RAMP LOCATIOND (THIS MAY REQUIRE SPECIAL TREATMENT OF THE EDGE OF O.G.F.C.) WHEN DIAGONAL (NOT IN LINE WITH CROSSWALKS) RAMPS ARE NECESSARY. A 2% (50:1) TRANSITION OR "LOWER LANDING" SHALL BE PROVIDED. THE GUTTER RUNNING SLOPE (FLOW LINE) SHALL NOT EXCEED 2% MEASURED ALONG THE BOTTOM OF THE RAMP.
12.) CURB RAMPS SHALL BE LOCATED TO PROVIDE THE MOST DIRECT ROUTE OF TRAVEL ACROSS THE TRAFFIC LANES.

13.) SIGN POSTS, UTILITY POLES, FIRE HYDANTS, TRAFFIC SIGNAL STANDARDS LIGHT POLES, PULL BOXES, METERS, VALVES, ETC. SHALL NOT BE LOCATED IN THE CURB RAMP INCLUDING SIDE FLARES AND LANDINGS.
14.) IN ORDER TO BETTER ACCOMMODATE CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL OBTAIN FINAL APPROVAL OF CURB RAMP LOCATIONS FROM THE PROJECT MANAGER WHEN NECESSITATED BY EXISTING PHYSICAL CONDITIONS, ALTERATE CURB RAMPS MUST BE SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL BY THE COA PROJECT MANGER

## LANDINGS

15.) LANDINGS SHALL BE A MINIMUM OF 60"X60". SLOPES SHALL NOT EXCEED 2% (50:1) IN ALL DIRECTIONS.

## CROSSWALKS

16.) ACCESSIBLE PEDESTRIAN CROSSING SHALL BE WITHIN THE MARKED CROSSWALK.

## DETECTABLE WARINGS

17.) DETECTABLE WARINGS ARE REQUIRED AT ALL STREET INTERSECTIONS. SIGNALIZED DRIVEWAYS. COMMERCIAL DRIVEWAYS 30' WIDE OR GREATER. AND MARKED MID–BLOCK CROSSWALKS

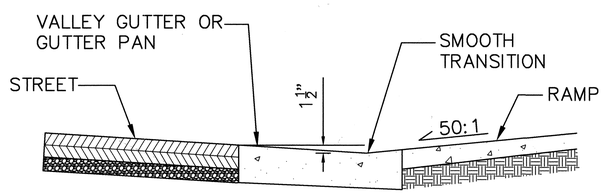
## PEDESTRIAN SIGNALS

18.) A PARALLEL OR FORWARD APPROACH OF 30" WIDE BY 48" LONG WITH SLOPES IN ALL DIRECTIONS NOT EXCEEDING 2% (50:1) SHALL BE PROVIDED FOR ACCESS TO THE PEDESTRIAN SIGNAL BUTTON(S)
19.) PEDESTRIAN SIGNAL BUTTONS SHALL BE CENTERED EITHER IN FRONT OF OR ADJACENT TO THE APPROACH AREA DESCRIBED ABOVE.
20.) PEDESTRIAN SIGNAL BUTTONS SHALL BE LOCATED IN ACCORDANCE WITH ACCESSIBILITY REQUIREMENTS OF THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WITHIN A HORIZONTAL REACH OF 0" TO 10" AND SHALL BE WITHIN 36" TO 46" ABOVE THE SIDEWALK SURFACE.

## ALTERATIONS TO EXISTING FACILITIES – GENERAL NOTES

ADDITIONS OR ALTERATIONS TO ANY FACILITY SHALL CONFORM TO THE REQUIREMENTS OF THR NEW CONSTRUCTION STANDARDS WITHIN THE NMDOT PEDESTRIAN ACCESS DETAILS. ADDITIONS OR ALTERATIONS SHALL NOT BE MADE TO AN EXISTING FACILITY WHICH WILL CAUSE THE EXISITING FACILITY TO BE IN VIOLATION OF ANY PROVISION OF THE NMDOT PEDESTRIAN ACCESS DETAILS. WHERE IT IS TECHNICALLY INFEASIBLE TO COMPLY WITH NEW CONSTRUCTION STANDARDS OF THE NMDOT PEDESTRIAN ACCESS DETAILS THE FOLLOWING OPTIONS MAY BE USED:

21.) WHERE IT IS NOT FEASIBLE TO INSTALL TWO CURB RAMPS PER CORNER. A SINGLE DIAGONAL CURB RAMP MAY BE USED AFTER RECEIVING APPROVAL FROM THE NMDOT ADA COMPLIANCE COMMITTEE
22.) WHERE RIGHT–OF WAY IS RESTRICTED. CURB RAMP LANDINGS MAY BE 4'X4'.
23.) DEFINITION OF TECHNICALLY INFEASIBLE: IN THE CONTEXT OF THESE DRAWING WITHIN A ROADWAY OR IMMEDIATE ROADSIDE ENVIRONMENT MEANS WITH RESPECT TO AN ALTERATION OF A FACILITY. THAT IT HAS LITTLE LIKELIHOOD OF BEING ACCOMPLISHED BECAUSE EXISTING SITE CONDITIONS WOULD REQUIRE SUBSTANTIALLY ALTERING EXISTING DRAINAGE PATTERNS; TRAFFIC FLOW OR SAFETY: OR BECAUSE OTHER EXISTING PHYSICAL INFRASTRUCTURE OR SITE CONSTRAINTS PROHIBIT MODIFICATION OR ADDITION OF ELEMENTS. SPACES OR FEATURES WHICH ARE IN FULL AND STRICT COMPLIANCE WITH THE MINIMUM REQUIREMENTS FOR NEW CONSTRUCTION AND WHICH ARE NECESSARY TO PROVIDE ACCESSIBILITY.




RAMP TO LANDING TRANSITION

Notice Of Extended Pay ment Provision

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SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
MONUMENTS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA 2004
DRAWN BY STAFF 2004
CHECKED BY EEA 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
ADA GENERAL NOTES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02
Zone Map No. K–12
Sheet 2–3 Of

WILSON & COMPANY



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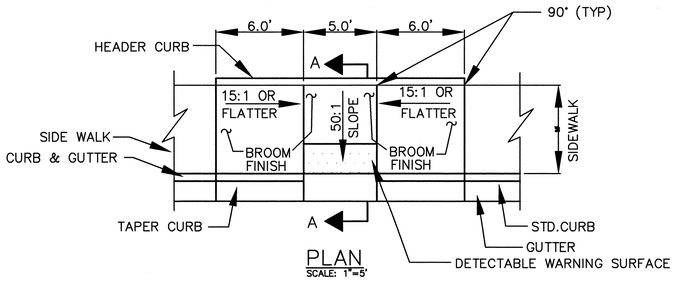
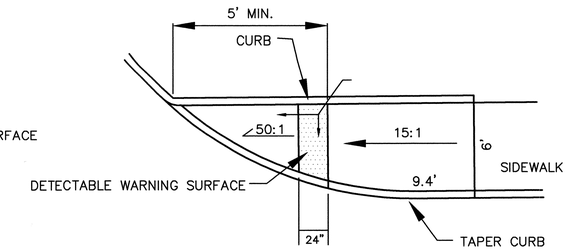
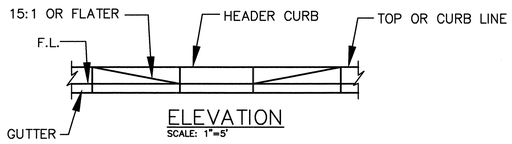



PLAN
SCALE: 1"=5'

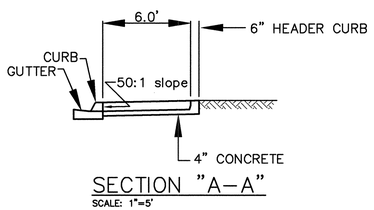



PLAN
NTS

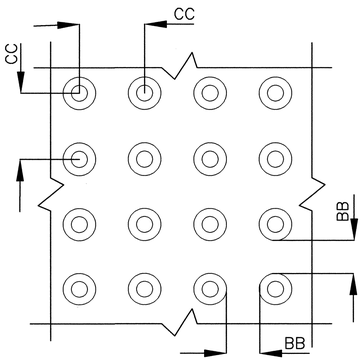
ADA–TYPE C
WHEELCHAIR RAMP




ELEVATION
SCALE: 1"=5'



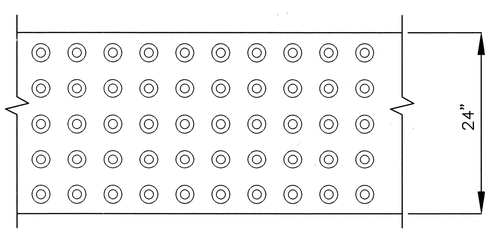

SECTION "A–A"
SCALE: 1"=5'




DOME SPACING
NTS

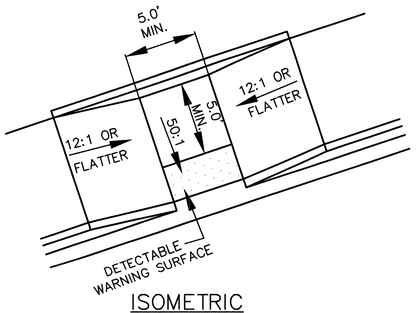
CC – CENTER TO CENTER SPACING
1.6" MIN TO 2.4" MAX

BB – BASE TO BASE SPACING
0.65" MIN



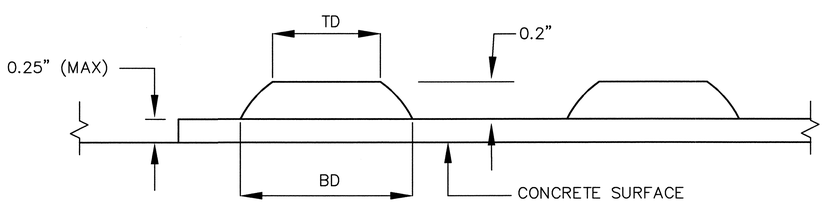

DOME ALIGNMENT
NTS

DETECTABLE WARNING SURFACES SHALL EXTEND 24" MIN IN THE DIRECTION OF TRAVEL AND FULL WIDTH OF THE CURB RAMP, LANDING, OR TRANSITION. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF THE CROSSWALK TO PERMIT WHEELS TO ROLL BETWEEN DOMES.




ISOMETRIC
NTS

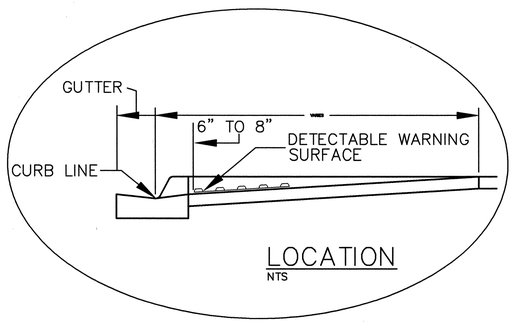
ADA–TYPE B
PARALLEL CURB RAMP




DOME SECTION
NTS

BD – BASE DIAMETER
0.9" MIN TO 1.4" MAX

TD – TOP DIAMETER
50% OF BD MIN TO 65% OF BD MAX




LOCATION
NTS

# DEFINITIONS:

DETECTABLE WARNINGS: A SURFACE FEATURE BUILT IN OR APPLIED TO WALKING SURFACES OR OTHER ELEMENTS TO WARN OF HAZARDS, A CIRCULATION PATH TO AID PERSONS WITH VISUAL IMPAIRMENTS.

CURB LINE: A LINE AT THE FACE OF THE CURB THAT MARKS THE TRANSITION BETWEEN THE SIDEWALK AND THE GUTTER OR ROADWAY

LOCATION:

1. DETECTABLE WARNING SURFACES SHALL BE PROVIDED WHERE A CURB RAMP OR LANDING CONNECTS TO A CROSSWALK AND OR PEDESTRIAN ROUTE CROSSING A ROADWAY.
2. DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES (150 MM) MINIMUM AND 8 INCHES (205 MM) MAXIMUM FROM THE CURB LINE.
3. MEDIAN AND REFUGE ISLANDS SHALL HAVE DETECTABLE WARNINGS. DETECTABLE WARNINGS AT CUT THROUGH ISLANDS SHALL BE SEPARATED BY A 24 INCH (610 MM) MINIMUM LENGTH OF WALKWAY WITHOUT WARNINGS.

EXCEPTION: DETECTABLE WARNINGS SHALL NOT BE REQUIRED ON CUT THROUGH ISLANDS WHERE THE CROSSING ARE CONTROLLED BY SIGNALS AND ARE TIMED FOR FULL CROSSING ON MEDIANS LESS THAN 7' WIDE.

# NOTES:

1. DETAILS SPECIFIED ON THIS PLAN APPLY TO ALL CONSTRUCTION OR RECONSTRUCTION OF STREETS. CURBS OR SIDEWALKS BY ALL PUBLIC AGENCIES AND BY ALL PRIVATE ORGANIZATIONS CONSTRUCTING FACILITIES FOR PUBLIC USE.
2. SIDEWALKS RAMPS ARE TO BE LOCATED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. THE TOP OF THE JOINT FILLER FOR ALL RAMP TYPES SHALL BE FLUSH WITH THE ADJACENT CONCRETE
4. ALL PRODUCTS USED FOR DETECTABLE WARNING SURFACES SHALL BE ON THE DEPARTMENT'S APPROVED PRODUCT LIST.

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY / DATE
WORK INSPECTED BY / DATE
ACCEPTANCE BY / DATE
FIELD VERIFICATION BY / DATE
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MICRO–FILM INFORMATION
RECORDED BY / DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. / BY / DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER
(5781)

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
ADA DETAILS

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. / Mo./Day/Yr.

City Project No. 5337–02
Zone Map No. K–12
Sheet 2–4 Of

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY

Sheet 9 Of 67

9/53

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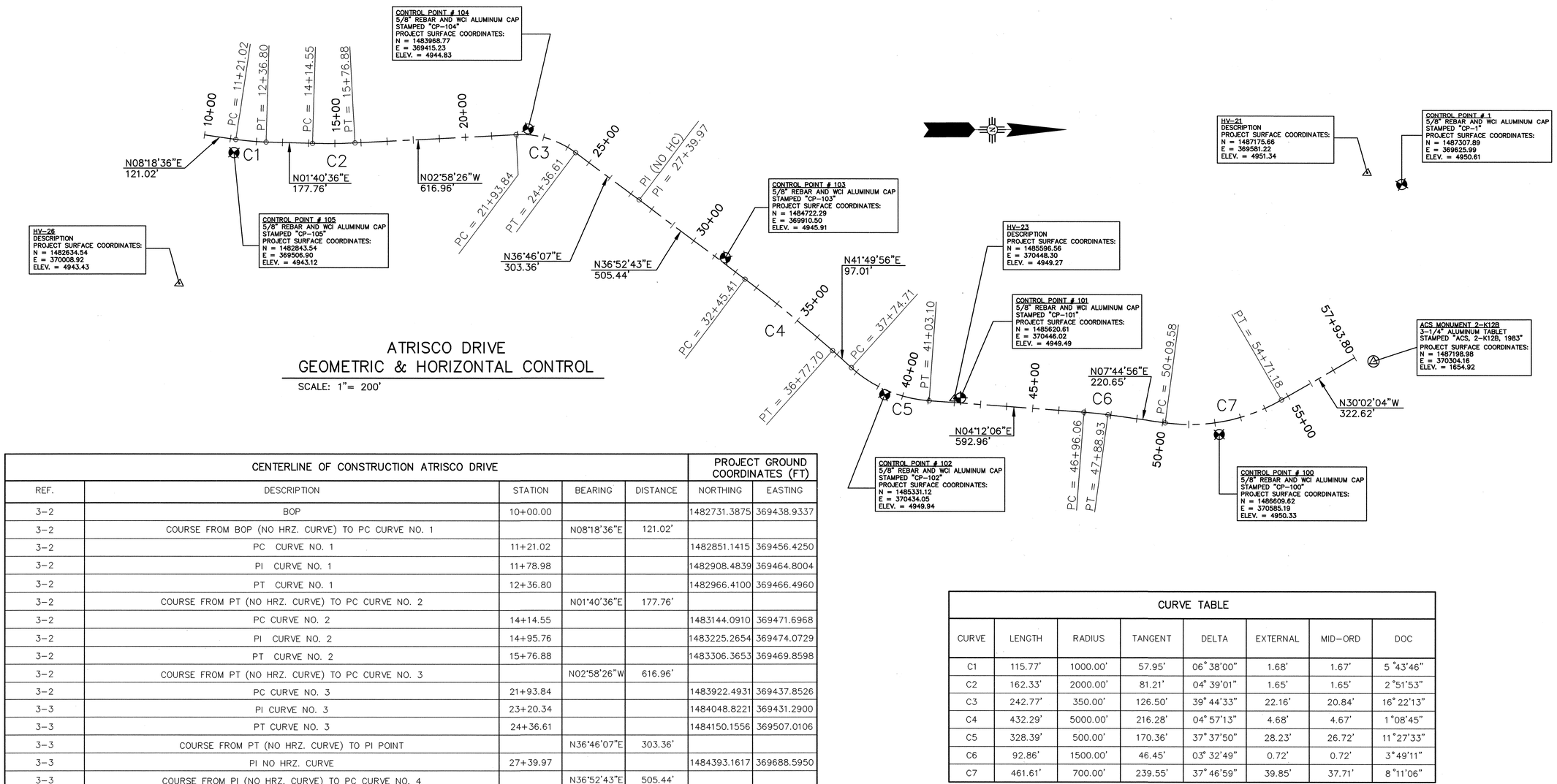


# ATRISCO DRIVE
# GEOMETRIC & HORIZONTAL CONTROL

SCALE: 1"= 200'

| CENTERLINE OF CONSTRUCTION ATRISCO DRIVE | | | | | PROJECT GROUND COORDINATES (FT) | |
|---|---|---|---|---|---|---|
| REF. | DESCRIPTION | STATION | BEARING | DISTANCE | NORTHING | EASTING |
| 3-2 | BOP | 10+00.00 | | | 1482731.3875 | 369438.9337 |
| 3-2 | COURSE FROM BOP (NO HRZ. CURVE) TO PC CURVE NO. 1 | | N08°18'36"E | 121.02' | | |
| 3-2 | PC CURVE NO. 1 | 11+21.02 | | | 1482851.1415 | 369456.4250 |
| 3-2 | PI CURVE NO. 1 | 11+78.98 | | | 1482908.4839 | 369464.8004 |
| 3-2 | PT CURVE NO. 1 | 12+36.80 | | | 1482966.4100 | 369466.4960 |
| 3-2 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 2 | | N01°40'36"E | 177.76' | | |
| 3-2 | PC CURVE NO. 2 | 14+14.55 | | | 1483144.0910 | 369471.6968 |
| 3-2 | PI CURVE NO. 2 | 14+95.76 | | | 1483225.2654 | 369474.0729 |
| 3-2 | PT CURVE NO. 2 | 15+76.88 | | | 1483306.3653 | 369469.8598 |
| 3-2 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 3 | | N02°58'26"W | 616.96' | | |
| 3-2 | PC CURVE NO. 3 | 21+93.84 | | | 1483922.4931 | 369437.8526 |
| 3-3 | PI CURVE NO. 3 | 23+20.34 | | | 1484048.8221 | 369431.2900 |
| 3-3 | PT CURVE NO. 3 | 24+36.61 | | | 1484150.1556 | 369507.0106 |
| 3-3 | COURSE FROM PT (NO HRZ. CURVE) TO PI POINT | | N36°46'07"E | 303.36' | | |
| 3-3 | PI NO HRZ. CURVE | 27+39.97 | | | 1484393.1617 | 369688.5950 |
| 3-3 | COURSE FROM PI (NO HRZ. CURVE) TO PC CURVE NO. 4 | | N36°52'43"E | 505.44' | | |
| 3-3 | PC CURVE NO. 4 | 32+45.41 | | | 1484797.4691 | 369991.9209 |
| 3-4 | PI CURVE NO. 4 | 34+61.69 | | | 1484970.4745 | 370121.7157 |
| 3-4 | PT CURVE NO. 4 | 36+77.70 | | | 1485131.6258 | 370265.9649 |
| 3-4 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 5 | | N41°49'56"E | 97.01' | | |
| 3-4 | PC CURVE NO. 5 | 37+74.71 | | | 1485203.9057 | 370330.6639 |
| 3-4 | PI CURVE NO. 5 | 39+45.07 | | | 1485330.8429 | 370444.2874 |
| 3-4 | PT CURVE NO. 5 | 41+03.10 | | | 1485500.7474 | 370456.7697 |
| 3-4 & 3-5 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 6 | | N04°12'06"E | 592.96' | | |
| 3-5 | PC CURVE NO. 6 | 46+96.06 | | | 1486092.1174 | 370500.2154 |
| 3-5 | PI CURVE NO. 6 | 47+42.51 | | | 1486138.4383 | 370503.6184 |
| 3-5 | PT CURVE NO. 6 | 47+88.93 | | | 1486184.4599 | 370509.8807 |
| 3-5 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 7 | | N07°44'56"E | 220.65' | | |
| 3-5 | PC CURVE NO. 7 | 50+09.58 | | | 1486403.0947 | 370539.6310 |
| 3-5 | PI CURVE NO. 7 | 52+49.12 | | | 1486640.4558 | 370571.9294 |
| 3-5 | PT CURVE NO. 7 (END CL STATIONING) | 54+71.18 | | | 1486847.8390 | 370452.0310 |

| CURVE TABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | EXTERNAL | MID-ORD | DOC |
| C1 | 115.77' | 1000.00' | 57.95' | 06°38'00" | 1.68' | 1.67' | 5°43'46" |
| C2 | 162.33' | 2000.00' | 81.21' | 04°39'01" | 1.65' | 1.65' | 2°51'53" |
| C3 | 242.77' | 350.00' | 126.50' | 39°44'33" | 22.16' | 20.84' | 16°22'13" |
| C4 | 432.29' | 5000.00' | 216.28' | 04°57'13" | 4.68' | 4.67' | 1°08'45" |
| C5 | 328.39' | 500.00' | 170.36' | 37°37'50" | 28.23' | 26.72' | 11°27'33" |
| C6 | 92.86' | 1500.00' | 46.45' | 03°32'49" | 0.72' | 0.72' | 3°49'11" |
| C7 | 461.61' | 700.00' | 239.55' | 37°46'59" | 39.85' | 37.71' | 8°11'06" |

NOTE:
THE HORIZONTAL COORDINATE SYSTEM IS LOCAL, GROUND MODIFIED FROM NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1927. ELEVATIONS SHOWN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. THE COMBINED SCALE FACTOR FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES IS 0.999682746

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AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: DATE
INSPECTED BY: DATE
ACCEPTANCE BY: DATE
FIELD LOCATION BY: DATE
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RECORDED BY: DATE
NO.

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SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER
11/30/04

MICRO-FILM INFORMATION

REMARKS / REVISIONS
NO. DATE BY

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
GEOMETRIC & HORIZONTAL CONTROL

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
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City Project No. 5337-02
Zone Map No. K-12
Sheet Of 3-1

WILSON & COMPANY

Sheet 10 of 67

10/53

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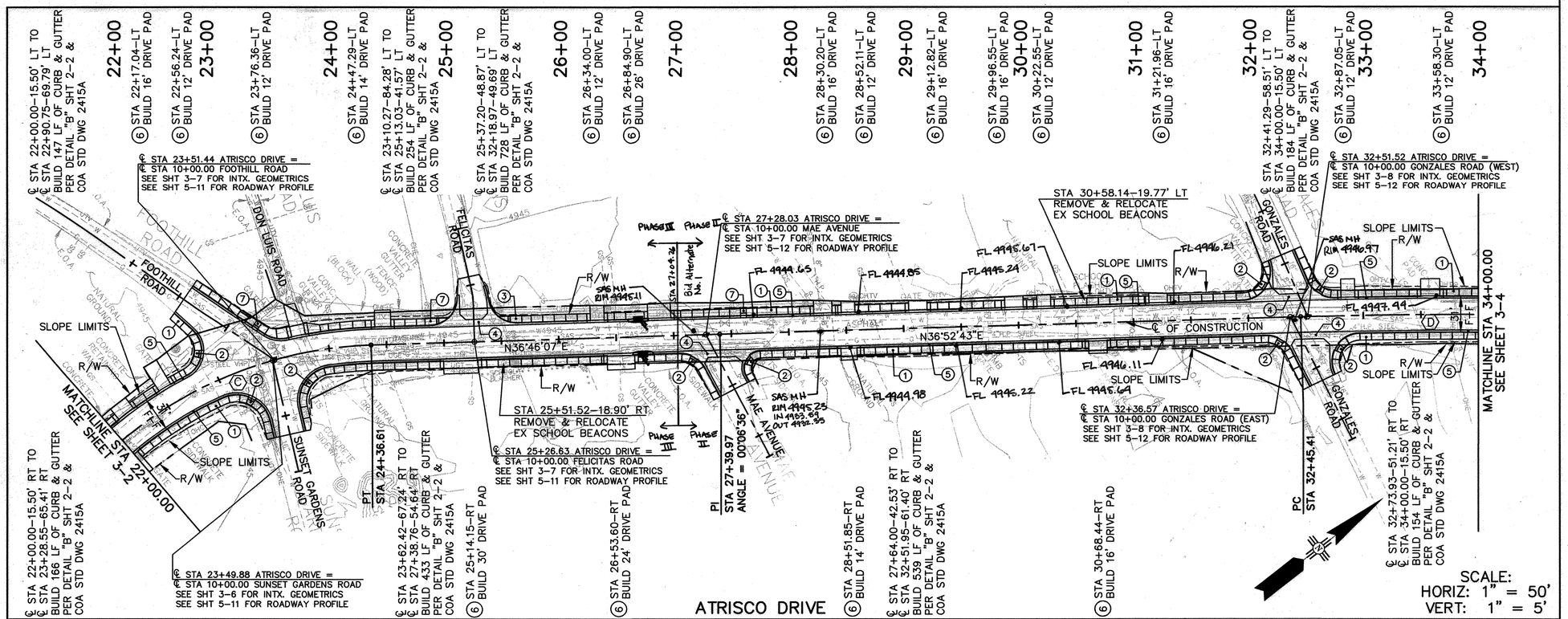


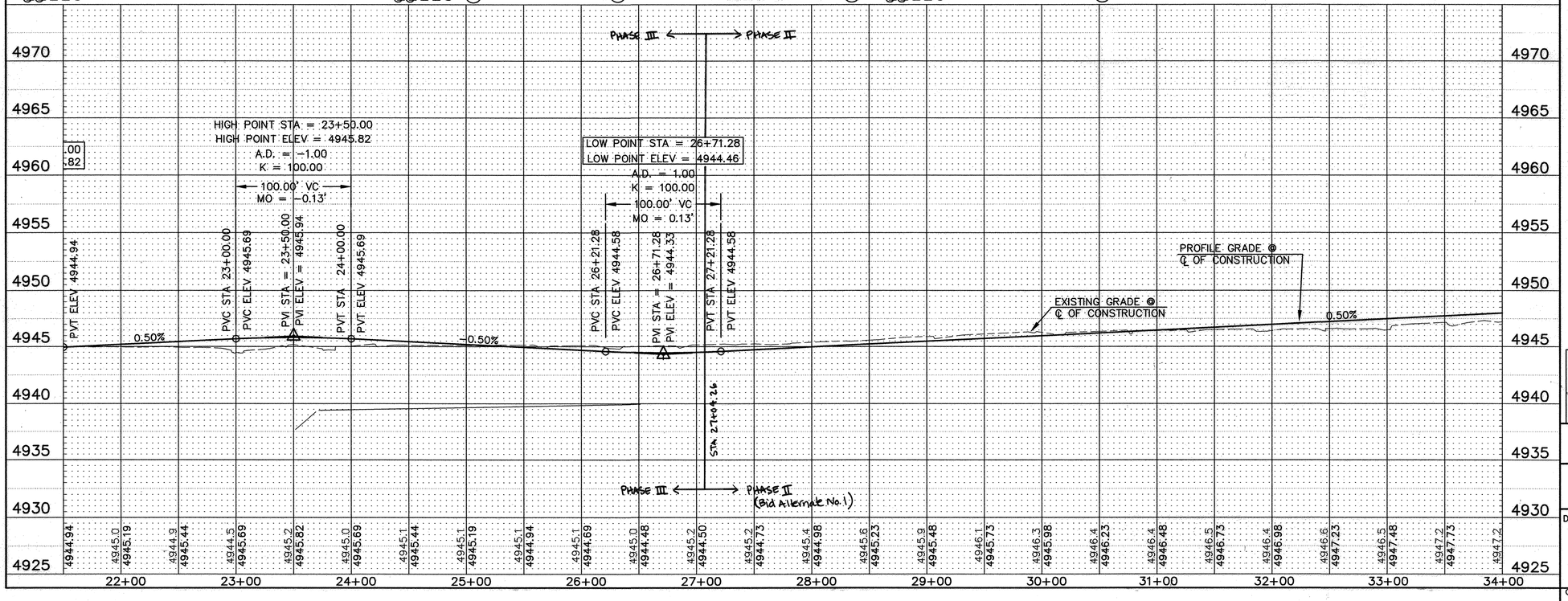


## KEYED NOTES:

1. CONSTRUCT 6' SIDEWALK PER COA STD DWG 2430
2. CONSTRUCT WHEELCHAIR RAMP PER COA STD DWG 2441
3. CONSTRUCT TYPE 3 WHEELCHAIR RAMP PER ADA DETAIL ON SHT. 2–4
4. CONSTRUCT VALLEY GUTTER PER STD DWG 2420
5. CONSTRUCT CURB & GUTTER PER DETAIL "B" ON SHT 2–2 & COA STD DWG 2415A
6. CONSTRUCT DRIVE PAD PER COA STD DWG 2425 SECTION D–D, SEE SHEET 2–2 FOR ADDITIONAL DETAIL, SEE SHT'S. 5–1,5–2,5–3 FOR DRIVE PAD PROFILES

Ⓒ ℄ CURVE DATA
PI STA 23+20.34
Δ = 39°44'33"
R = 350.00'
L = 242.77'
T = 126.50'
DOC = 16°22'13"
NO SE

Ⓓ ℄ CURVE DATA
PI STA 34+61.69
Δ = 04°57'13"
R = 5000.00'
L = 432.29'
T = 216.28'
DOC = 1°08'45"
NO SE

7. CONSTRUCT TYPE B WHEELCHAIR RAMP PER ADA DETAIL ON SHT. 2–4

GENERAL NOTES:
1. FOR UTILITIES SEE SECTION 9 OF THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PAVING PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337–02 | K–12 | 3–3 | |

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTION BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
ALBERT A. LUTA NEW MEXICO (5781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|
| 1 | 3/24/08 | ADDED LIMITS OF PHASES | DM |
| 2 | 7/13/09 | AS-BUILTS (ELEVATION INFO) | DM |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

JEFFREY D. MEIER NEW MEXICO (14504) REGISTERED PROFESSIONAL ENGINEER 3/25/08

WILSON & COMPANY

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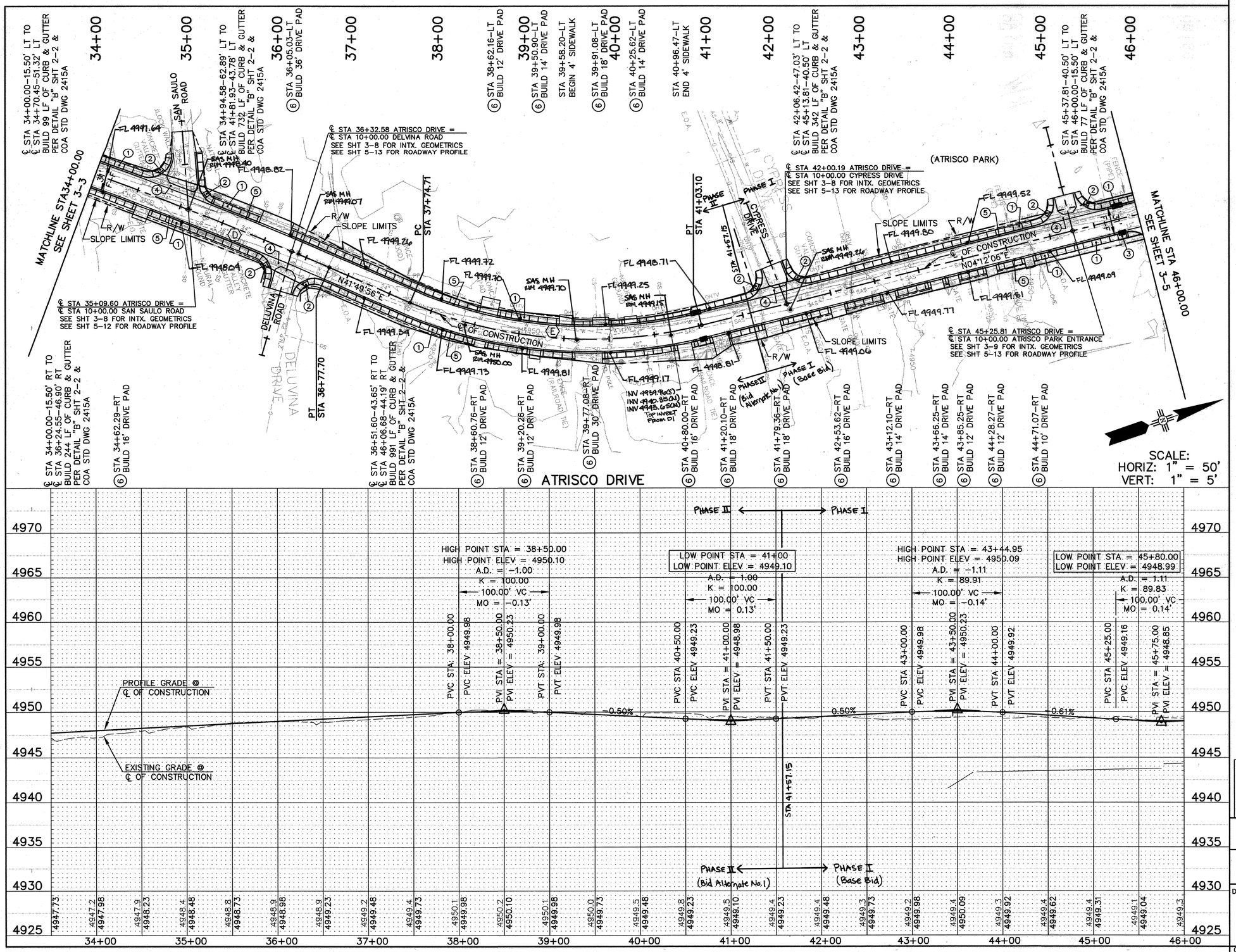


## KEYED NOTES:

1. CONSTRUCT 6' SIDEWALK PER COA STD DWG 2430
2. CONSTRUCT WHEELCHAIR RAMP PER COA STD DWG 2441
3. CONSTRUCT TYPE 3 WHEELCHAIR RAMP PER ADA DETAIL ON SHT. 2-4
4. CONSTRUCT VALLEY GUTTER PER STD DWG 2420
5. CONSTRUCT CURB & GUTTER PER DETAIL "B" ON SHT 2-2 & COA STD DWG 2415A
6. CONSTRUCT DRIVE PAD PER COA STD DWG 2425 SECTION D-D, SEE SHEET 2-2 FOR ADDITIONAL DETAIL, SEE SHT'S. 5-1,5-2,5-3 FOR DRIVE PAD PROFILES

**(D) ℄ CURVE DATA**
PI STA 34+61.69
Δ = 04°57'13"
R = 5000.00'
L = 432.29'
T = 216.28'
DOC = 1°08'45"
NO SE

**(E) ℄ CURVE DATA**
PI STA 39+45.07
Δ = 37°37'50"
R = 500.00'
L = 328.39'
T = 170.36'
DOC = 11°27'33"
NO SE

GENERAL NOTES:
1. FOR UTILITIES SEE SECTION 9 OF THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

**Notice Of Extended Pay ment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: DATE
WORK ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
AS-BUILTS DRAWINGS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|
| 1 | 3/24/08 | ADDED LIMITS OF PHASES | ADM |
| 2 | 7/13/09 | AS-BUILTS (ELEVATION INFO.) | ADM |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PAVING PLAN & PROFILE

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr.

City Project No. COA 5337-02 | Zone Map No. K-12 | Sheet 3-4 Of

WILSON & COMPANY



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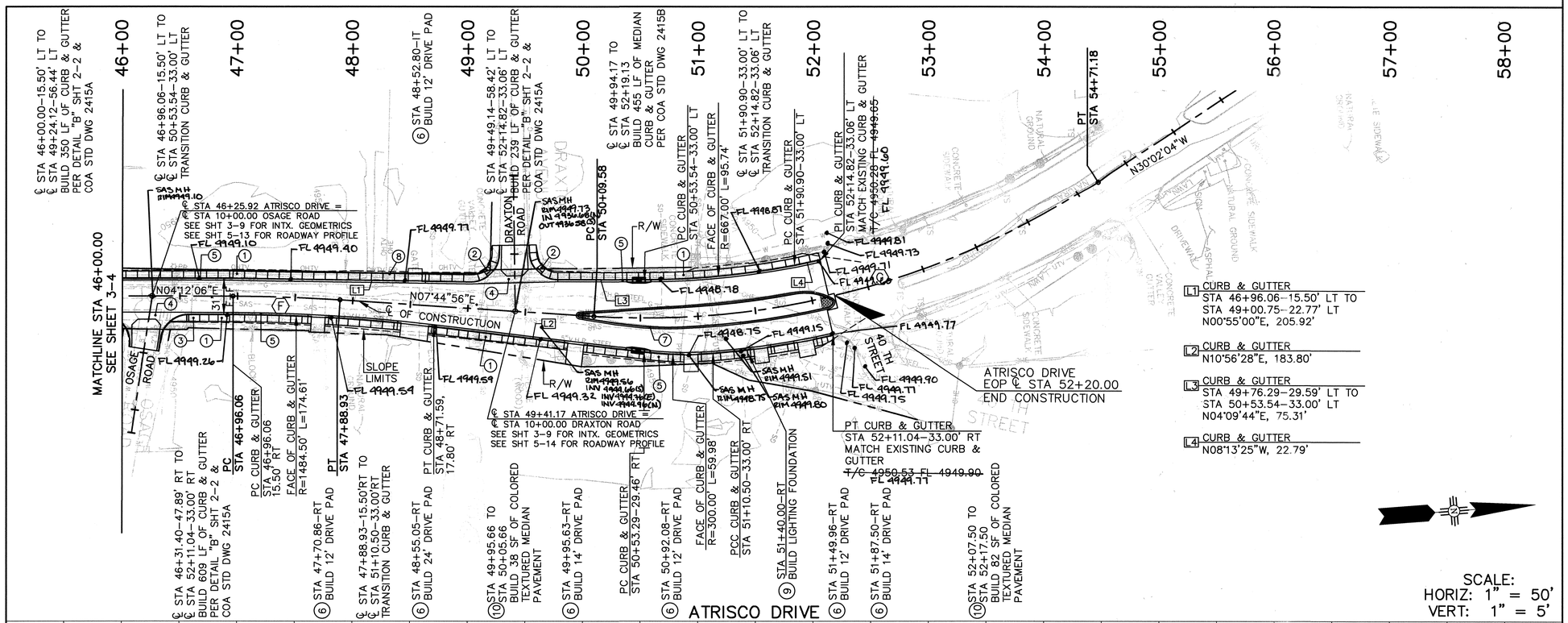


## KEYED NOTES:

1. CONSTRUCT 6' SIDEWALK PER COA STD DWG 2430
2. CONSTRUCT WHEELCHAIR RAMP PER COA STD DWG 2441
3. CONSTRUCT TYPE 3 WHEELCHAIR RAMP PER ADA DETAIL ON SHT. 2–4
4. CONSTRUCT VALLEY GUTTER PER STD DWG 2420
5. CONSTRUCT CURB & GUTTER PER DETAIL "B" ON SHT 2–2 & COA STD DWG 2415A
6. CONSTRUCT DRIVE PAD PER COA STD DWG 2425 SECTION D–D, SEE SHEET 2–2 FOR ADDITIONAL DETAIL, SEE SHT'S. 5–1,5–2,5–3 FOR DRIVE PAD PROFILES
7. CONSTRUCT MEDIAN CURB & GUTTER PER COA STD DWG 2415B
8. RELOCATE EXISTING POWER POLE MAINTAIN 36" MINIMUM CLEAR SIDEWALK WIDTH
9. CONSTRUCT STREET LIGHTING FOUNDATION, PER COA STD DWG 2580, LIGHTING STANDARD TO BE INSTALLED BY OTHERS, FOUNDATION TO BE LOCATED BEHIND SIDEWALK
10. CONSTRUCT COLORED TEXTURED MEDIAN PAVEMENT. SEE SHEET 4–1 FOR PAVEMENT LIMITS.

GENERAL NOTES:
1. FOR UTILITIES SEE SECTION 9 OF THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

**Notice Of Extended Pay ment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

AS–BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S FIELD NOTES BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
RECORDED BY — DATE
NO.

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
NEW MEXICO (15781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS |
|---|---|---|
| 2 | 7/13/09 | AS-BUILTS (ELEVATION INFO.) |

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA — DATE 2004
DRAWN BY STAFF — DATE 2004
CHECKED BY EEA — DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PAVING PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337–02 | K–12 | 3–5 | |

WILSON & COMPANY



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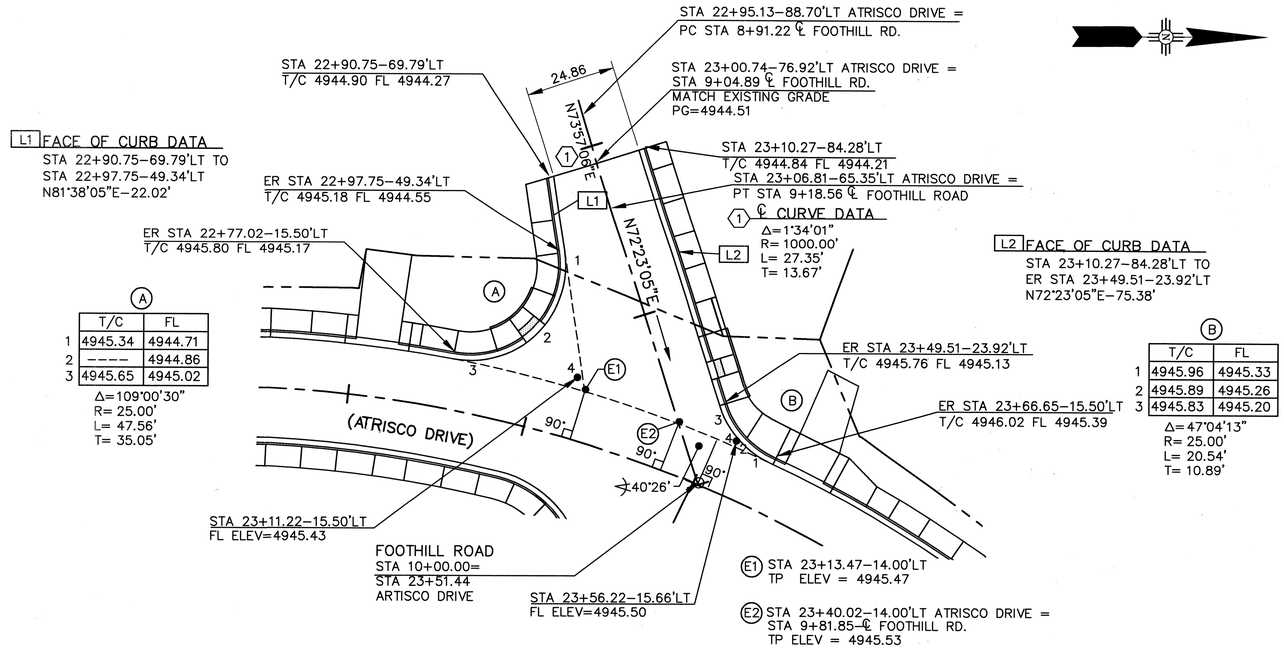
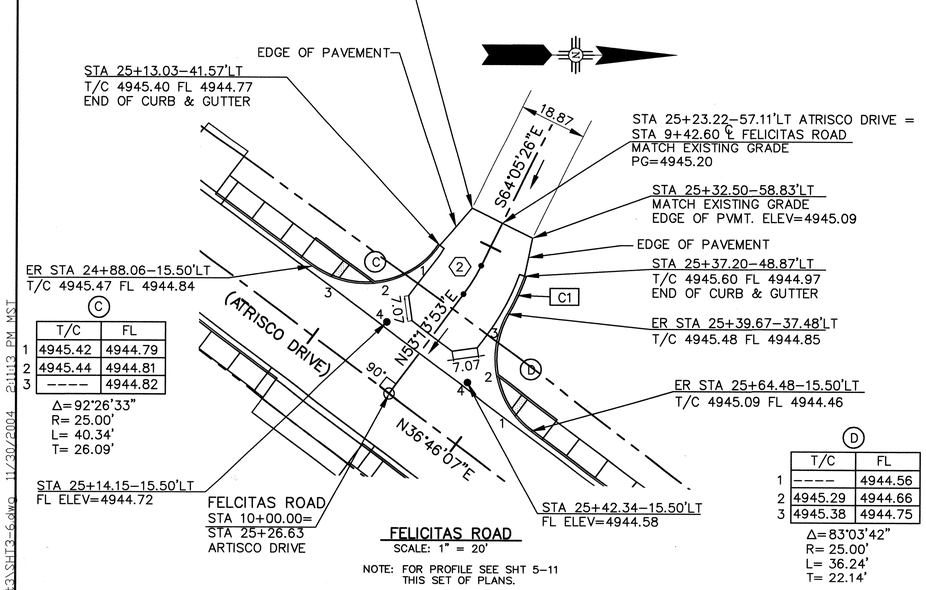
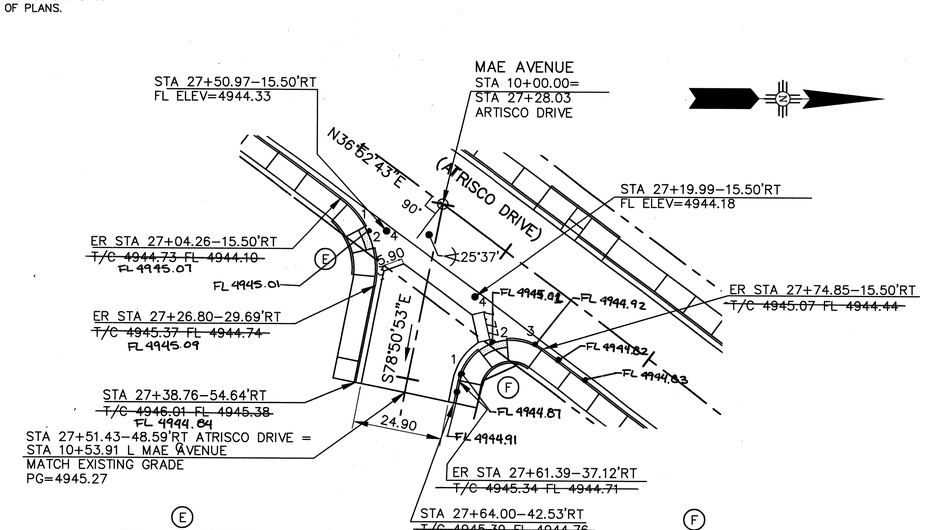



FOOTHILL ROAD
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–11 THIS SET OF PLANS.




FELICITAS ROAD
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–11 THIS SET OF PLANS.

2 ℄ CURVE DATA
ATRISCO DRIVE
STA 25+25.74–44.00'LT =
PC STA 9+55.94 ℄ FELICITAS RD.
PI STA 9+60.70 ℄ FELICITAS RD. =
ATRISCO DRIVE
STA 25+26.63–34.58'LT =
PT STA 9+65.42
Δ=10°51'33"
R= 50.00'
L= 9.48'
T= 4.75'




MAE AVENUE
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–12 THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

AS–BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CHECKED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV= 4954.92 FT. (3rd ORDER) (NGVD 29)

SURVEY INFORMATION
FIELD NOTES
NO. | DATE | BY

ENGINEER'S SEAL
NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER — 15781

NO. | DATE | REMARKS | BY
2 | 7/13/09 | AS BUILTS (ELEVATION INFO) | KM
REVISIONS
WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
INTERSECTION/TURNOUT GEOMETRICS

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02 | Zone Map No. K–12 | Sheet 3–7 Of

WILSON & COMPANY

Sheet 16 of 67

14/53

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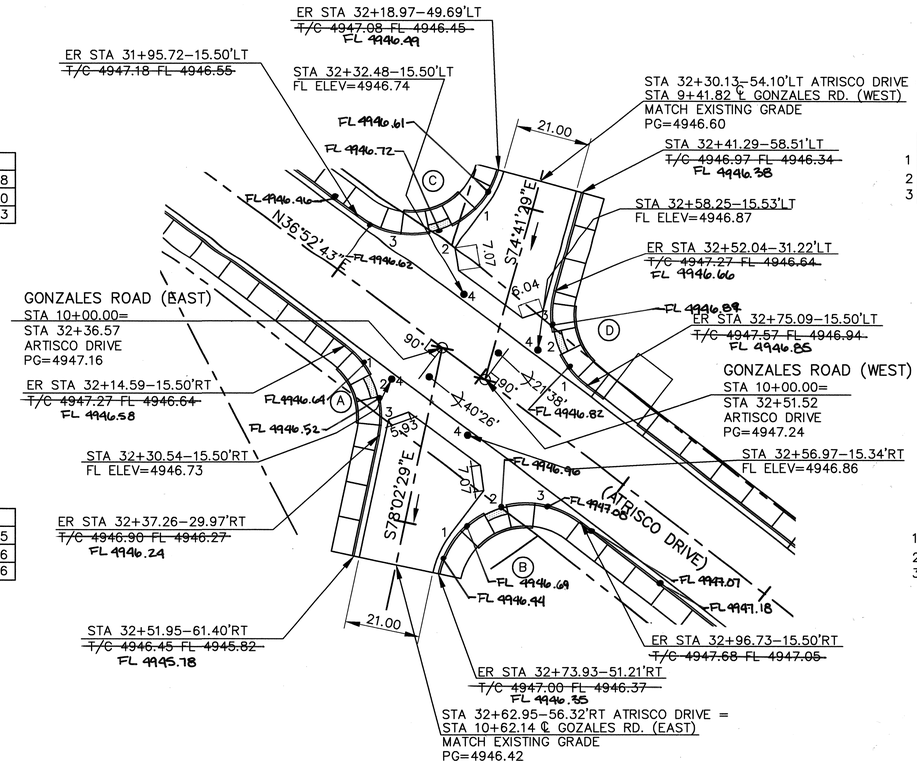



| C | T/C | FL |
|---|---|---|
| 1 | 4947.11 | 4946.48 |
| 2 | ---- | 4946.50 |
| 3 | 4947.16 | 4946.53 |

Δ=111°34'12"
R= 25.00'
L= 48.68'
T= 36.77'

| D | T/C | FL |
|---|---|---|
| 1 | 4947.50 | 4946.87 |
| 2 | ---- | 4946.79 |
| 3 | 4947.35 | 4946.72 |

Δ=68°05'24"
R= 25.00'
L= 29.71'
T= 16.89'

| A | T/C | FL |
|---|---|---|
| 1 | 4947.18 | 4946.55 |
| 2 | ---- | 4946.46 |
| 3 | 4946.99 | 4946.36 |

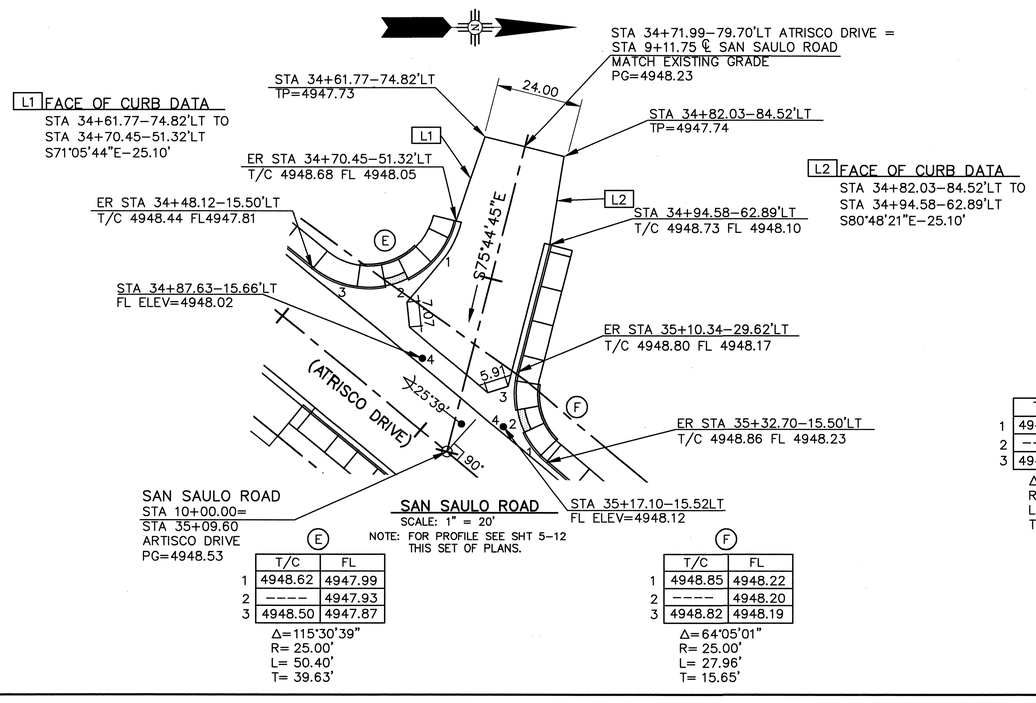
Δ=65°04'48"
R= 25.00'
L= 28.40'
T= 15.95'

| B | T/C | FL |
|---|---|---|
| 1 | 4947.17 | 4946.54 |
| 2 | ---- | 4946.71 |
| 3 | 4947.51 | 4946.88 |

Δ=115°30'29"
R= 25.00'
L= 50.40'
T= 39.63'

## GONZALES ROAD (EAST & WEST)
SCALE: 1" = 20'

NOTE: FOR PROFILE SEE SHT 5–12
THIS SET OF PLANS.




| E | T/C | FL |
|---|---|---|
| 1 | 4948.62 | 4947.99 |
| 2 | ---- | 4947.93 |
| 3 | 4948.50 | 4947.87 |

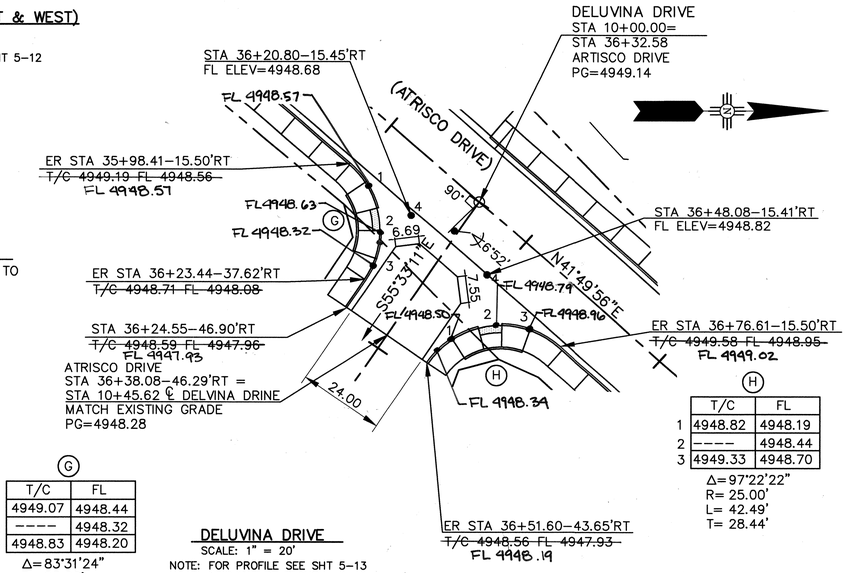
Δ=115°30'39"
R= 25.00'
L= 50.40'
T= 39.63'

| F | T/C | FL |
|---|---|---|
| 1 | 4948.85 | 4948.22 |
| 2 | ---- | 4948.20 |
| 3 | 4948.82 | 4948.19 |

Δ=64°05'01"
R= 25.00'
L= 27.96'
T= 15.65'

## SAN SAULO ROAD
SCALE: 1" = 20'

NOTE: FOR PROFILE SEE SHT 5–12
THIS SET OF PLANS.




| G | T/C | FL |
|---|---|---|
| 1 | 4949.07 | 4948.44 |
| 2 | ---- | 4948.32 |
| 3 | 4948.83 | 4948.20 |

Δ=83°31'24"
R= 25.00'
L= 36.44'
T= 22.32'

| H | T/C | FL |
|---|---|---|
| 1 | 4948.82 | 4948.19 |
| 2 | ---- | 4948.44 |
| 3 | 4949.33 | 4948.70 |

Δ=97°22'22"
R= 25.00'
L= 42.49'
T= 28.44'

## DELUVINA DRIVE
SCALE: 1" = 20'

NOTE: FOR PROFILE SEE SHT 5–13
THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

Notice Of Extended Pav ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

AS–BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
(15781)
REGISTERED PROFESSIONAL ENGINEER
11/30/04

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| 2 | 7/13/09 | AS BUILTS (ELEVATION INFO) | EEA |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
# INTERSECTION/TURNOUT GEOMETRICS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337–02 | K–12 | 3–8 | |

WILSON & COMPANY

Sheet 17 Of 67

15/53

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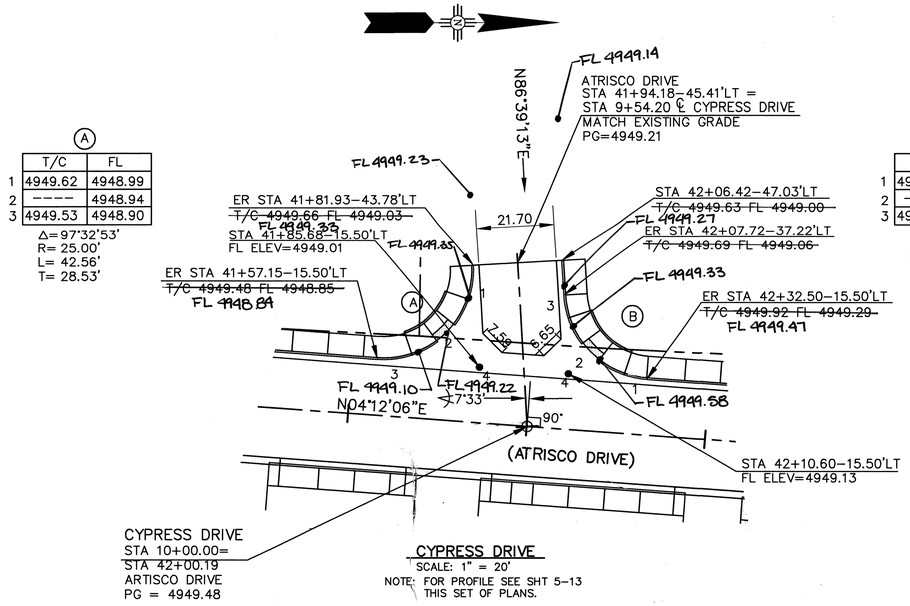


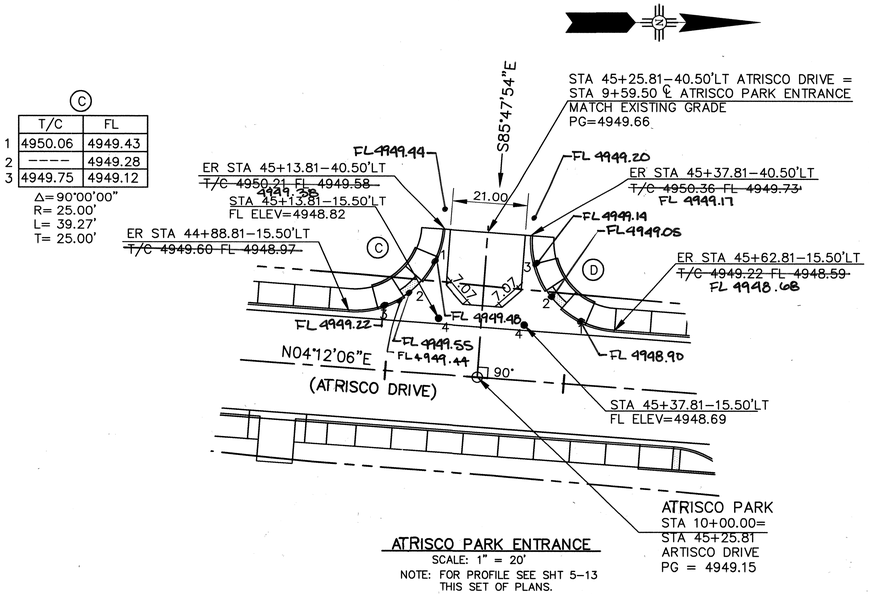

| Ⓐ | T/C | FL |
|---|---|---|
| 1 | 4949.62 | 4948.99 |
| 2 | ----- | 4948.94 |
| 3 | 4949.53 | 4948.90 |

Δ=97°32'53"
R= 25.00'
L= 42.56'
T= 28.53'

| Ⓑ | T/C | FL |
|---|---|---|
| 1 | 4949.86 | 4949.23 |
| 2 | ----- | 4949.18 |
| 3 | 4949.75 | 4949.12 |

Δ=82°27'07"
R= 25.00'
L= 35.98'
T= 21.91'

CYPRESS DRIVE
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–13
THIS SET OF PLANS.



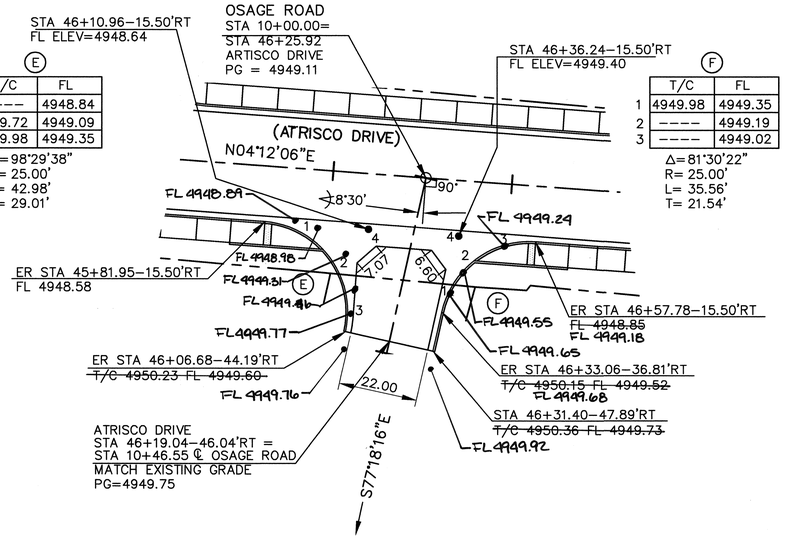

| Ⓒ | T/C | FL |
|---|---|---|
| 1 | 4950.06 | 4949.43 |
| 2 | ----- | 4949.28 |
| 3 | 4949.75 | 4949.12 |

Δ=90°00'00"
R= 25.00'
L= 39.27'
T= 25.00'

| Ⓓ | T/C | FL |
|---|---|---|
| 1 | 4949.51 | 4948.88 |
| 2 | ----- | 4949.16 |
| 3 | ----- | 4949.45 |

Δ=90°00'00"
R= 25.00'
L= 39.27'
T= 25.00'

ATRISCO PARK ENTRANCE
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–13
THIS SET OF PLANS.



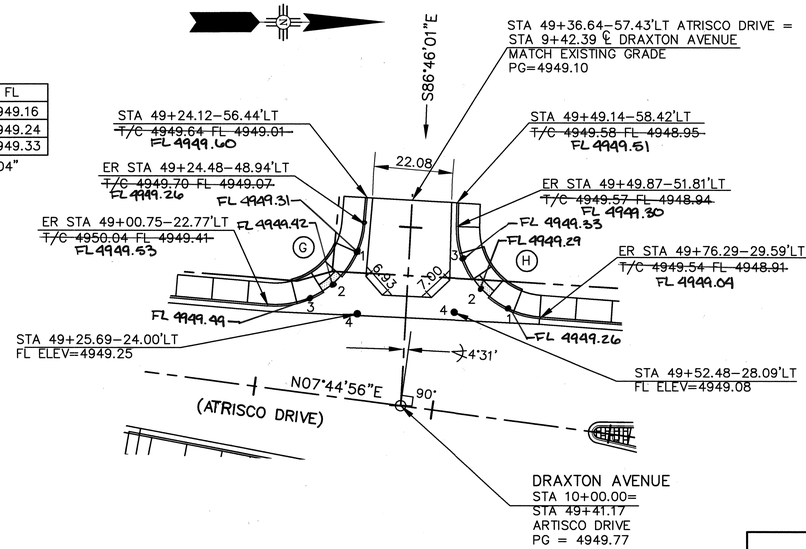

| Ⓔ | T/C | FL |
|---|---|---|
| 1 | ----- | 4948.84 |
| 2 | 4949.72 | 4949.09 |
| 3 | 4949.98 | 4949.35 |

Δ=98°29'38"
R= 25.00'
L= 42.98'
T= 29.01'

| Ⓕ | T/C | FL |
|---|---|---|
| 1 | 4949.98 | 4949.35 |
| 2 | ----- | 4949.19 |
| 3 | ----- | 4949.02 |

Δ=81°30'22"
R= 25.00'
L= 35.56'
T= 21.54'

OSAGE ROAD
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–13
THIS SET OF PLANS.




| Ⓖ | T/C | FL |
|---|---|---|
| 1 | 4949.79 | 4949.16 |
| 2 | ----- | 4949.24 |
| 3 | 4949.96 | 4949.33 |

Δ=89°56'04"
R= 25.00'
L= 39.24'
T= 24.97'

| Ⓗ | T/C | FL |
|---|---|---|
| 1 | 4949.55 | 4948.92 |
| 2 | ----- | 4948.93 |
| 3 | 4949.56 | 4948.93 |

Δ=87°19'14"
R= 25.00'
L= 38.10'
T= 23.86'

DRAXTON AVENUE
SCALE: 1" = 20'
NOTE: FOR PROFILE SEE SHT 5–14
THIS SET OF PLANS.

RECORD DRAWING
DATE: 07/13/09

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK INSPECTOR'S — DATE
ACCEPTANCE BY
FIELD VERIFICATION BY — DATE
DRAWINGS REVISED BY — DATE

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE.
TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
FRANCES M. EGAN — NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS REVISIONS | BY |
|---|---|---|---|
| 2 | 7/13/09 | As Builts (elevation info) | DM |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA — DATE 2004
DRAWN BY STAFF — DATE 2004
CHECKED BY EEA — DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## INTERSECTION/TURNOUT GEOMETRICS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337–02 | K–12 | 3–9 | |

WILSON & COMPANY

Sheet 18 of 67

16/53

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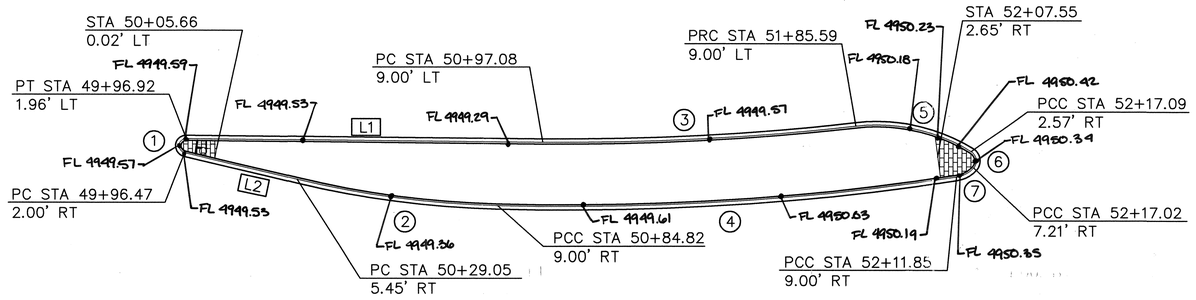


## STA 49+94.17 TO STA 52+19.13

SCALE: 1" = 20'

L1 = N00°35'10"E – 99.59'

L2 = N13°22'11"E – 32.39'

**(1) FL CURVE DATA**
Δ=167°12'59"
R= 2.00'
L= 5.84'
T= 17.85'
RADIUS POINT
STA 49+97.16
0.01' RT

**(2) FL CURVE DATA**
Δ=11°46'47"
R= 275.00'
L= 56.54'
T= 28.37'
RADIUS POINT
STA 50+84.82
266.00' LT

**(3) FL CURVE DATA**
Δ=7°16'09"
R= 691.00'
L= 87.67'
T= 43.89'
RADIUS POINT
STA 50+09.58
700.00' LT

**(4) FL CURVE DATA**
Δ=10°23'51"
R= 709.00'
L= 128.66'
T= 64.51'
RADIUS POINT
STA 50+09.50
700.00' LT

**(5) FL CURVE DATA**
Δ=38°34'40"
R= 50.00'
L= 33.67'
T= 17.50'
RADIUS POINT
STA 51+85.89
41.00' RT

**(6) FL CURVE DATA**
Δ=99°49'27"
R= 3.00'
L= 5.23'
T= 3.56'
RADIUS POINT
STA 52+15.01
4.87' RT

**(7) FL CURVE DATA**
Δ=39°28'24"
R= 8.00'
L= 5.51'
T= 2.87'
RADIUS POINT
STA 52+11.85
1.00' RT

RECORD DRAWING
DATE: 07/13/09

**Notice Of Extended Pay ment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

**SURVEY INFORMATION**
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

**BENCH MARKS**
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

**AS-BUILT INFORMATION**
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
AS-BUILTS VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 2. | 7/13/09 | AS BUILTS (ELEVATION INFO) | |

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
MEDIAN DETAILS

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02
Zone Map No. K-12
Sheet 4-1 Of

WILSON & COMPANY



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GENERAL NOTES:
WHERE DRIVE PADS EXTEND BEYOND THE R/W LINE MATCH EXISTING MATERIAL i.e.; CONCRETE OR ASPHALT. WHERE THE EXISTING MATERIAL IS EARTH OR GRAVEL, USE 6" BASECOURSE.

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SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

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AS–BUILT INFORMATION

CONTRACTOR
WORK STARTED BY / WORK COMPLETED / ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL




| NO. | DATE | REMARKS |
|---|---|---|
| | | REVISIONS |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | SEADF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update

| Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|
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City Project No. 5337–02
Zone Map No. K–12
Sheet Of 5–5

WILSON & COMPANY

Sheet 24 of 67

18/53

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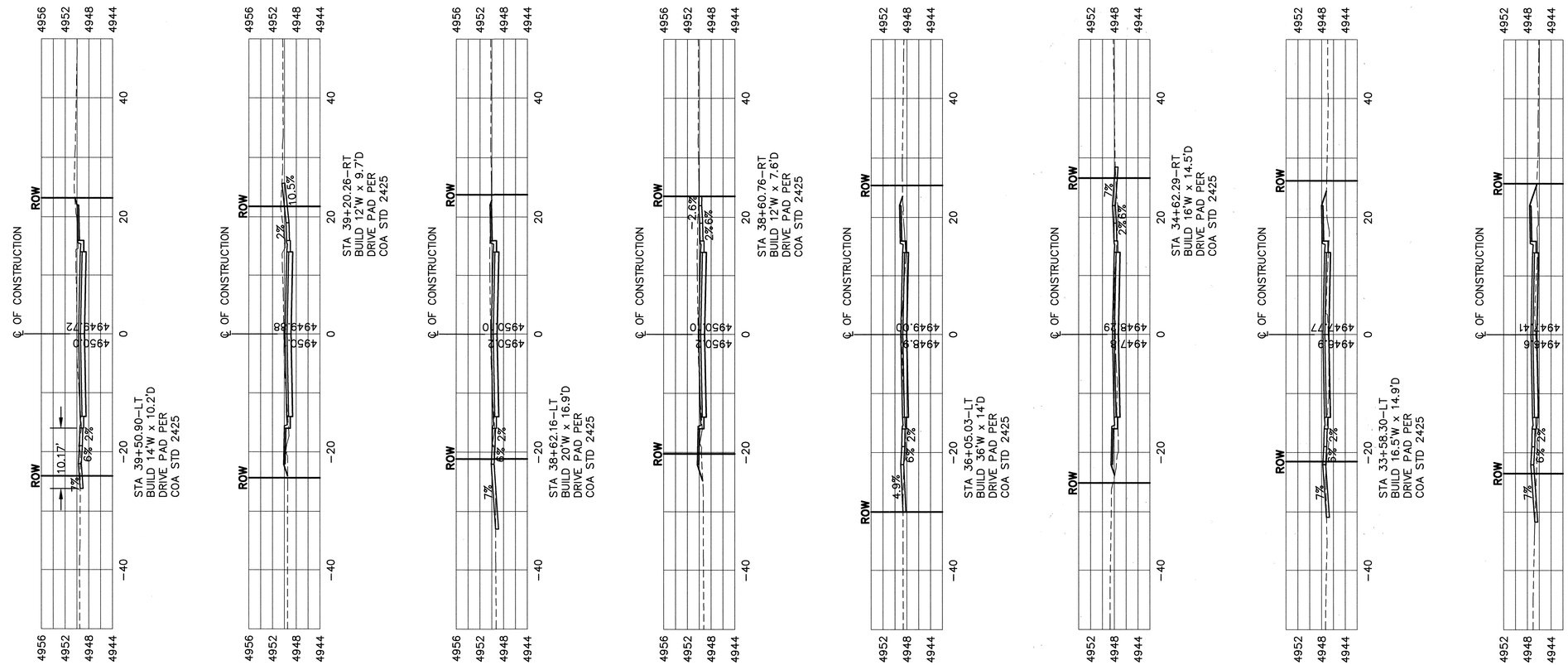


*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR
WORK STARTED BY / DATE
WORK COMPLETED / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE

*MICRO-FILM INFORMATION*

RECORDED BY / DATE
NO.

*ENGINEER'S SEAL*

JOHN L. WILSON (15781) REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS |
|---|---|---|
| | | BY |

*REVISIONS*

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SEOF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

GENERAL NOTES:
WHERE DRIVE PADS EXTEND BEYOND THE R/W LINE MATCH EXISTING MATERIAL i.e.; CONCRETE OR ASPHALT. WHERE THE EXISTING MATERIAL IS EARTH OR GRAVEL, USE 6" BASECOURSE.

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr.

City Project No. 5337-02

Zone Map No. K-12

Sheet 5 Of 6

WILSON & COMPANY

Sheet 25 Of 67

19/53

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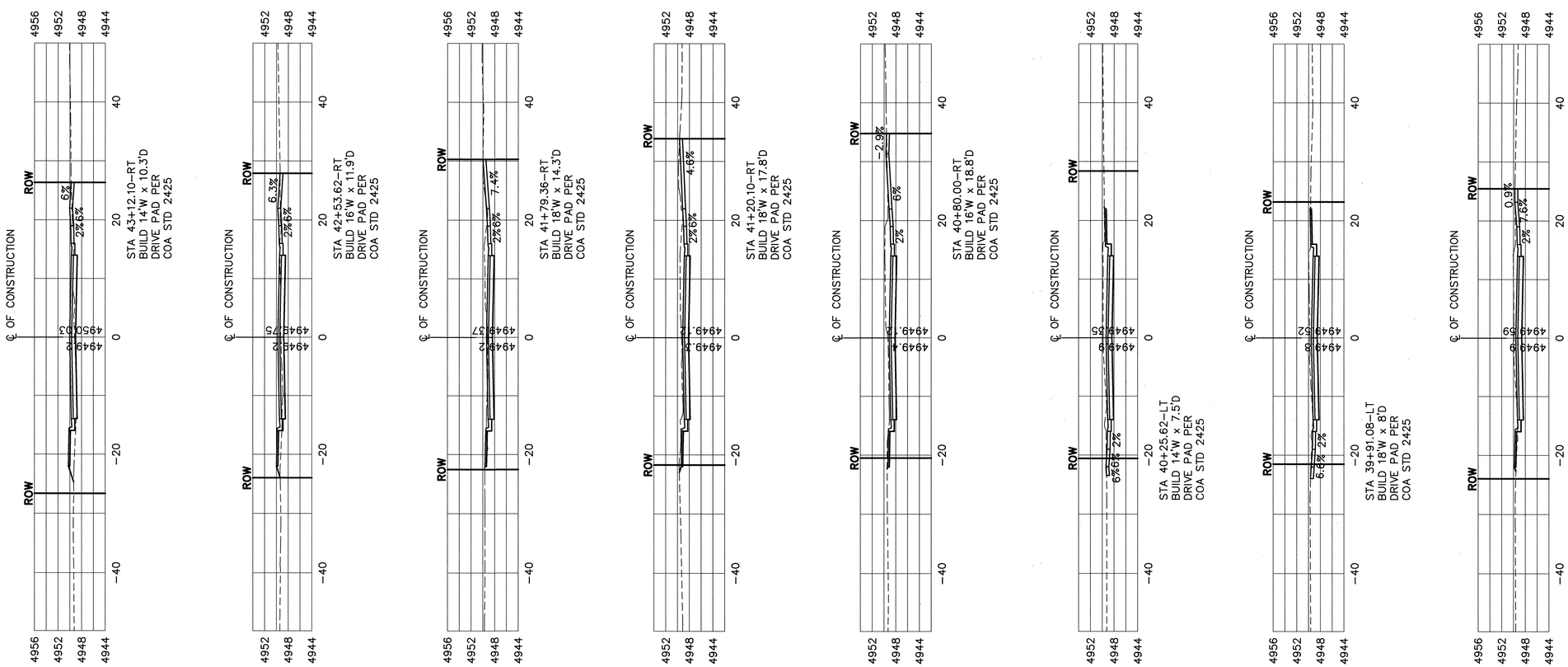


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*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
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*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE. TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR
WORK STARTED: BY / DATE
WORK COMPLETED: ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE

*MICRO-FILM INFORMATION*

RECORDED BY / DATE
NO.

*ENGINEER'S SEAL*

NEW MEXICO, ELMO C. SCHEA, 15781, REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SEAOF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 5-7 | |

WILSON & COMPANY

Sheet 26 of 67

29/53

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## BENCH MARKS

THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

## SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

## AS–BUILT INFORMATION

CONTRACTOR

WORK STARTED BY — DATE

INSPECTED BY — DATE

ACCEPTANCE BY — DATE

VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO–FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SEAOF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

GENERAL NOTES:
WHERE DRIVE PADS EXTEND BEYOND THE R/W LINE MATCH EXISTING MATERIAL i.e.; CONCRETE OR ASPHALT. WHERE THE EXISTING MATERIAL IS EARTH OR GRAVEL, USE 6" BASECOURSE.

Notice Of Extended Pay ment Provision

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr.

City Project No. 5337–02

Zone Map No. K–12

Sheet 5–8 Of

WILSON & COMPANY

Sheet 27 or 67 21/53

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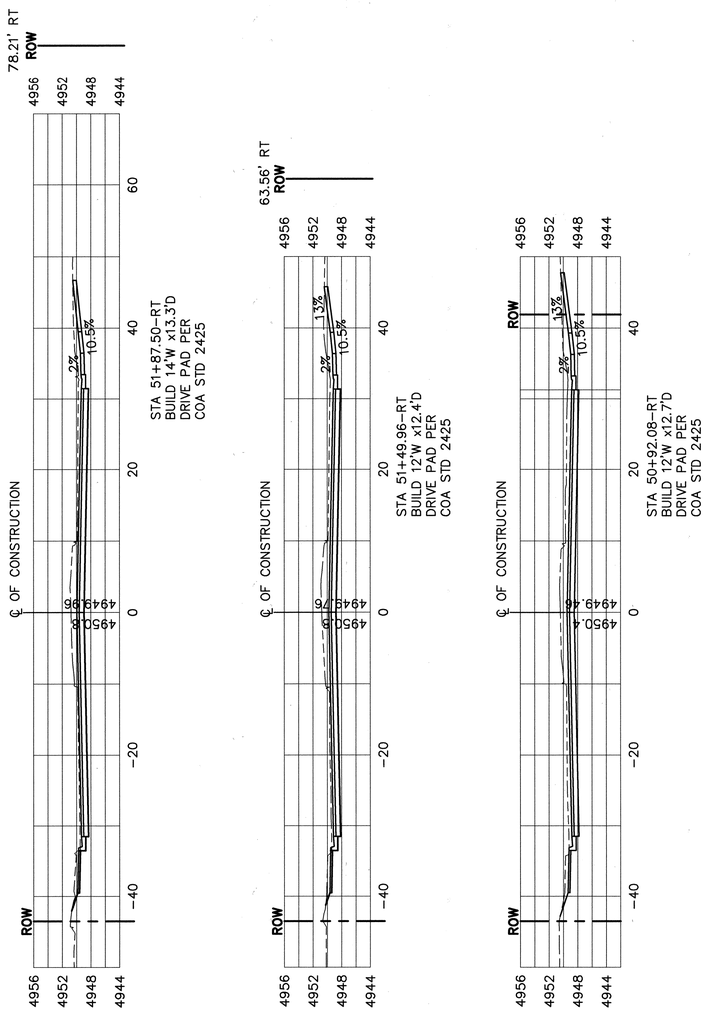


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*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR
WORK STAKED BY: DATE
INSPECTED BY: DATE
ACCEPTANCE BY: DATE
FIELD LOCATION BY: DATE
DRAWINGS CORRECTED BY: DATE
*MICRO-FILM INFORMATION*
RECORDED BY: DATE
NO.

*ENGINEER'S SEAL*

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | SEADF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr.

City Project No. 5337-02
Zone Map No. K-12
Sheet 5 Of 5-9

WILSON & COMPANY

Sheet 28 Of 67

22/53

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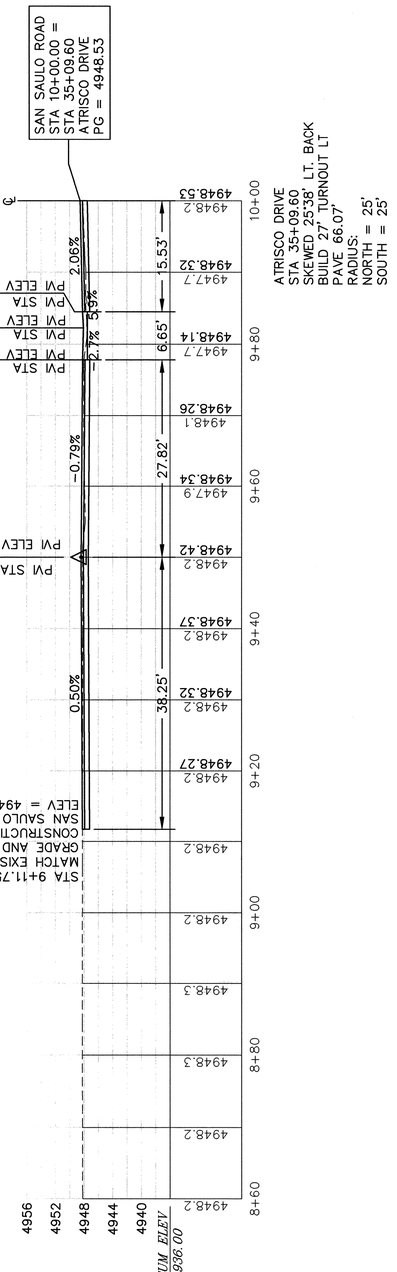


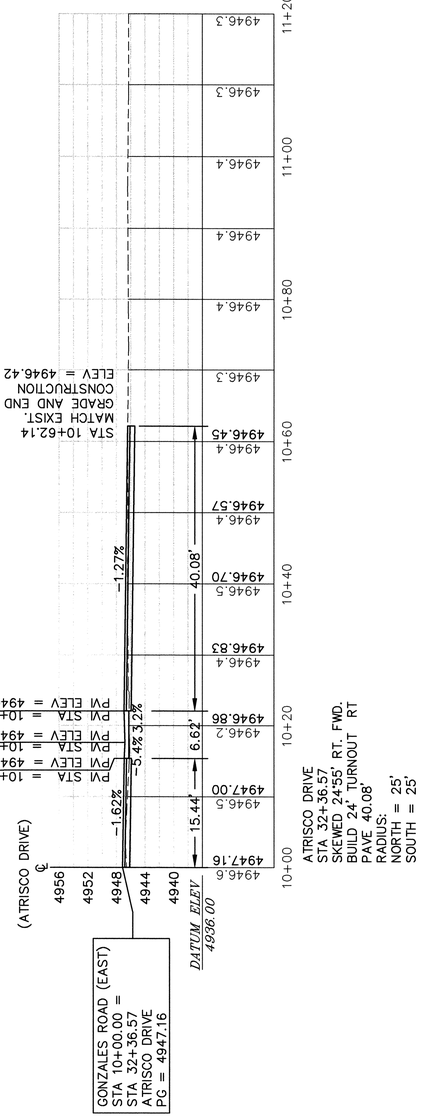


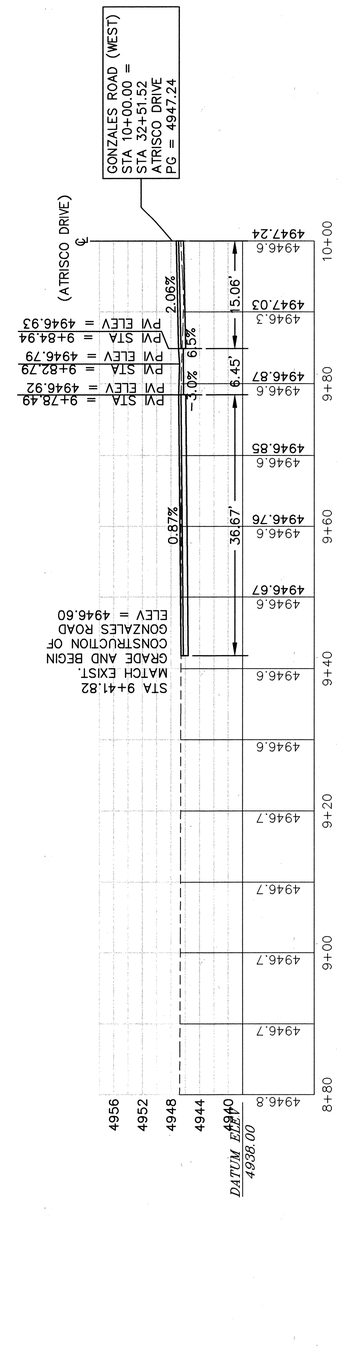


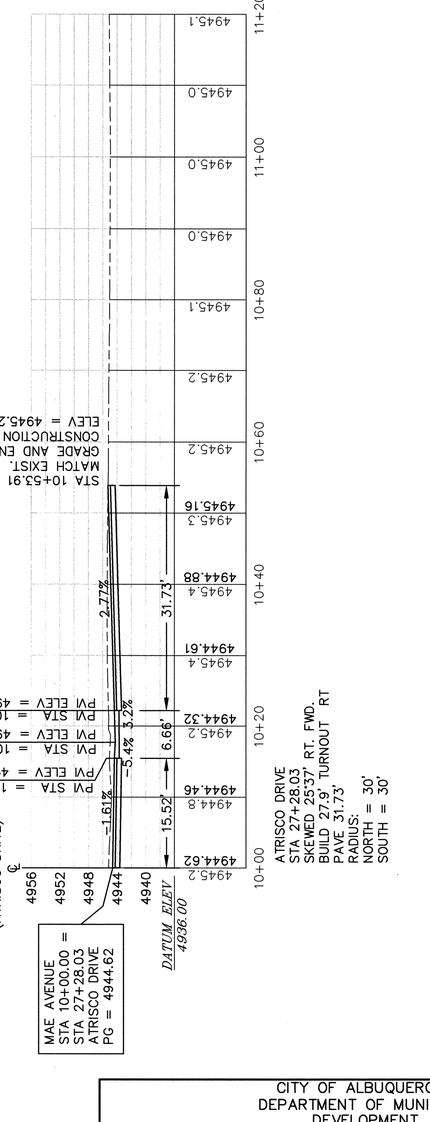


Notice Of Extended Pay ment Provision

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337–02 | K–12 | 5–12 | |

WILSON &COMPANY

Sheet 31 of 67 23/53

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

*BENCH MARKS*

THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE. TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS–BUILT INFORMATION*

CONTRACTOR
WORK STAKED BY: DATE
INSPECTED BY: DATE
ACCEPTANCE BY: DATE
CERTIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE
*MICRO–FILM INFORMATION*
RECORDED BY DATE
NO.

*ENGINEER'S SEAL*

| NO. | DATE | REMARKS |
|---|---|---|
| | | *REVISIONS* |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SEA/EF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

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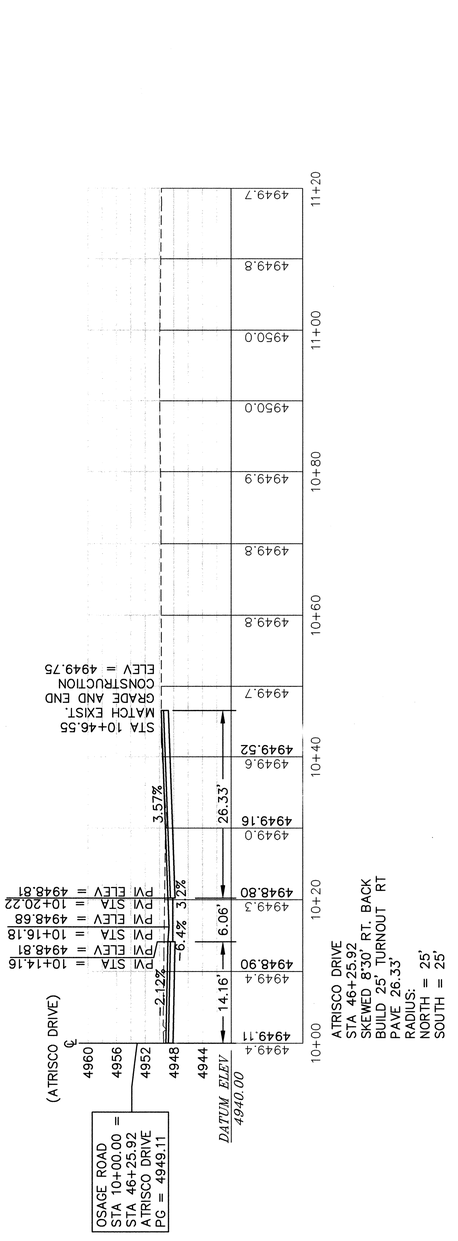


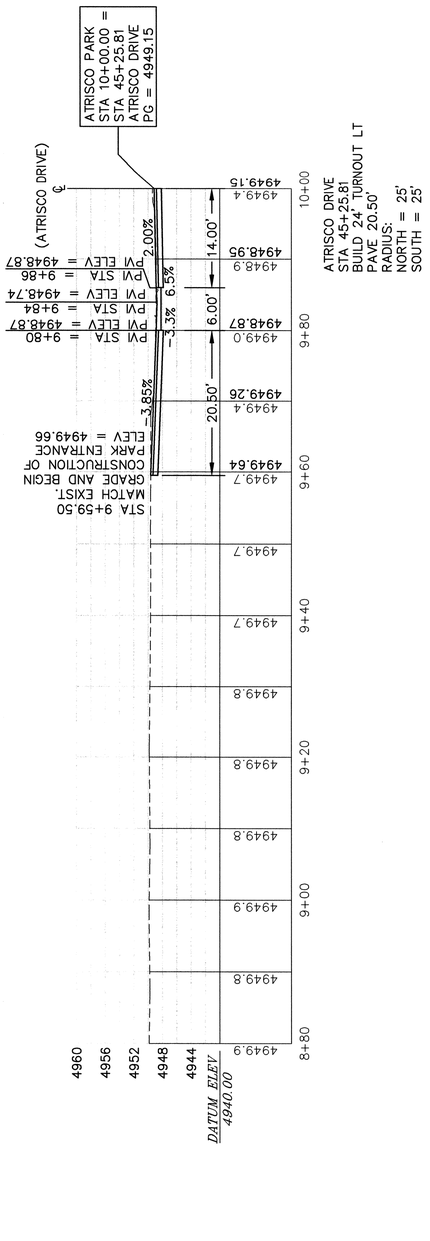


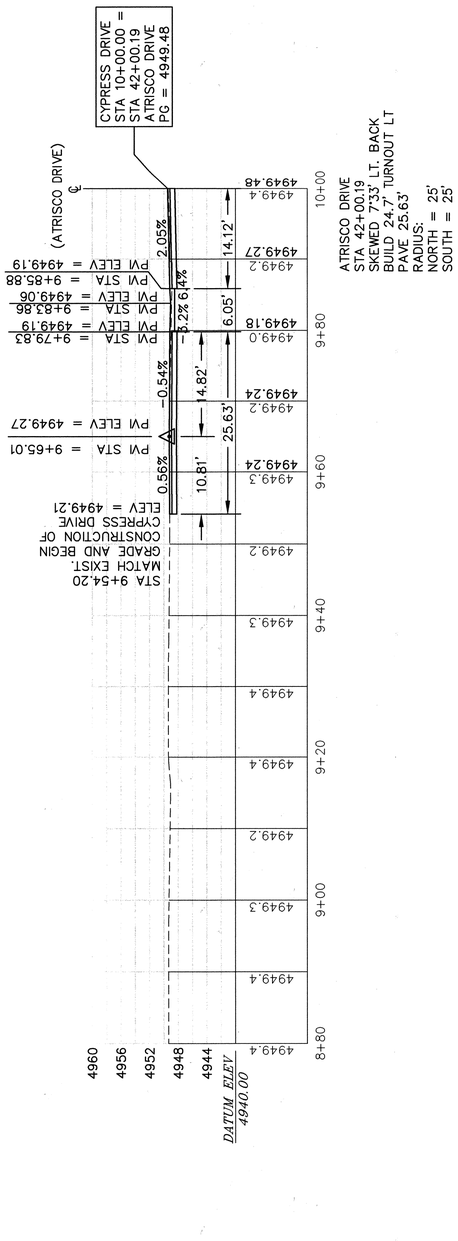


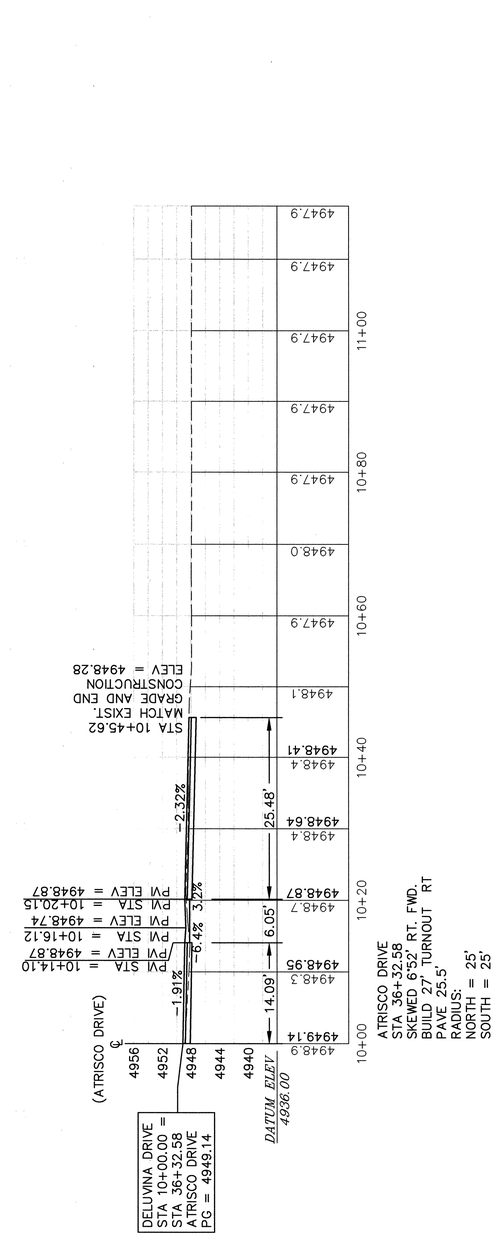


**Notice Of Extended Pay ment Provision**

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*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

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ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

| | |
|---|---|
| CONTRACTOR | |
| WORK STARTED BY | DATE |
| WORK COMPLETED | |
| ACCEPTANCE BY | DATE |
| VERIFICATION BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| *MICRO-FILM INFORMATION* | |
| RECORDED BY | DATE |
| NO. | |

*ENGINEER'S SEAL*

| NO. | DATE | REMARKS *REVISIONS* | BY |
|---|---|---|---|
| | | | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SRADF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## TURNOUT/DRIVE PAD PROFILES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 5-13 | |

WILSON & COMPANY

Sheet 32 Of 67

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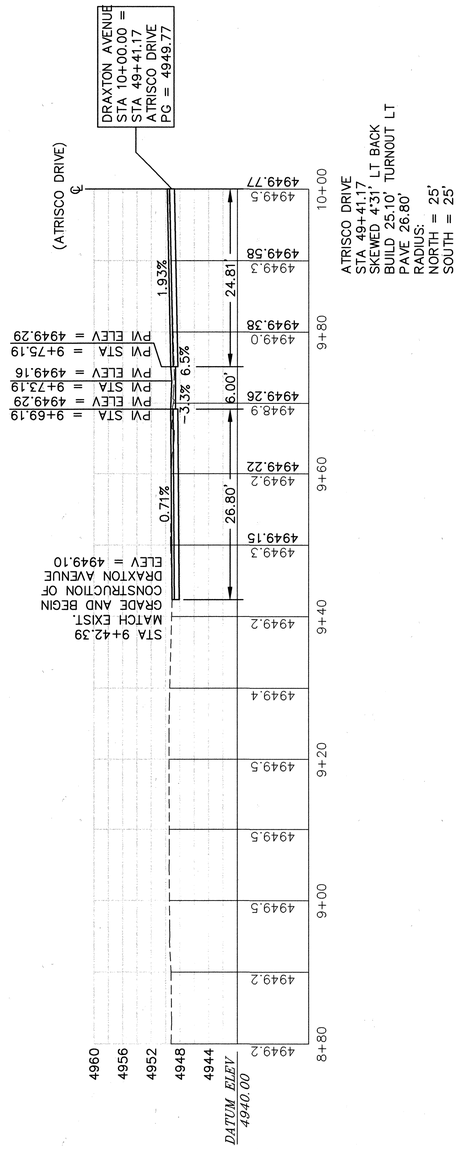


## SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
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## BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

## AS-BUILT INFORMATION

CONTRACTOR

WORK STARTED BY — DATE

WORK COMPLETED — DATE

ACCEPTANCE BY

VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

ARCHULETA — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | SEOF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
# TURNOUT/DRIVE PAD PROFILES

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update — Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02

Zone Map No. K-12

Sheet 5-14 Of

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY

Sheet 33 of 67

25/53

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# SUGGESTED SEQUENCE OF CONSTRUCTION FOR ATRISCO DRIVE CORRIDOR IMPROVEMENTS

GENERAL:

THE CONTRACTOR SHALL SET UP CONSTRUCITON TRAFFIC CONTROL IN ORDER TO MINIMIZE TRAFFIC CONGESTION DURING WEEKDAYS AND SCHEDULED EVENTS.

DUE TO TIMING, THE CONTRACTOR MAY BE REQUIRED TO PERFORM WORK AT NIGHT, ON WEEKENDS, OR 24–HOUR MARATHON WORK. THE CONTRACTOR SHALL SCHEDULE WORK IN ACCORDANCE WITH CITY ORDINANCES AND PRIOR 48–HOUR NOTICE AND APPROVAL FROM THE PROJECT MANAGER.

FOR APPROVED NIGHT TIME OR 24 HOUR MARATHON WORK REQUIRING ROAD CLOSURES, THE CONTRACTOR SHALL SET UP TRAFFIC CONTROL AND DETOUR SIGNS AT 9:00 PM AND REMOVE THE SIGNING AT 6:30 AM THE FOLLOWING MORNING.

THE CONTRACTOR SHALL TAKE PRECAUTION IN MAINTAINING THE OPERATION OF THE EXISTING TRAFFIC SIGNALS AS LONG AS POSSIBLE. AT SUCH TIME WHEN THE SIGNALS ARE TO BE DEACTIVATED, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER 24 HOURS IN ADVANCE AND HAVE INPLACE, TEMPORARY STOP CONTROL DEVICES.

## PHASE A, STAGE 1 – HOOPER WB CONSTRUCTION (ISLETA DRAIN TO ATRISCO DR)

REMOVE EXISTING PAVEMENT AND CONSTRUCT WESTBOUND (WB) WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, STORM DRAIN SYSTEM, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS AND REPLACE PAVEMENT IN KIND.

MAINTAIN ONE LANE OF TRAFFIC FOR BOTH DIRECTIONS, FLAGGING OPERATION NEEDED.

REMOVE ALL VALLEY GUTTERS NORTHBOUND (NB) ATRISCO RD AND REPLACE WITH TEMPORARY PAVEMENT FROM HOOPER RD TO SUNSET GARDENS RD.

USE SINGLE LANE CLOSURE AND DETOURS.

## PHASE A, STAGE 2 – ATRISCO CONSTRUCTION (HOOPER RD TO STA 17+50)

ATRISCO ONE–WAY SB TRAFFIC.

REMOVE EXISTING SANITARY SEWER AND INSTALL STORM DRAIN AT CENTERLINE. TRENCH BOXES REQUIRED FOR STORM DRAIN INSTALLATION.

REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE A, STAGE 3 – ATRISCO CONSTRUCTION (HOOPER RD TO SUNSET GARDENS RD)

SHIFT TWO–WAY TRAFFIC TO NEW NB LANE (2 – 10' LANES, HOOPER RD TO STA 17+50)

RELOCATE WATERLINE (WL) FROM STA. 18+00 TO SUNSET GARDENS RD.

REMOVE EXISTING PAVEMENT AND CONSTRUCT SB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE A, STAGE 4 – ATRISCO CONSTRUCTION (STA 17+50 TO SUNSET GARDENS RD, NB LANES)

SHIFT ATRISCO ONE–WAY TRAFFIC TO NEW SB LANE (1–10' LANE)

REMOVE EXISTING SANITARY SEWER, REMOVE ABANDONED WL, AND INSTALL STORM DRAIN.

REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE B, STAGE 1 – ATRISCO CONSTRUCTION (SUNSET GARDENS RD TO MAE AVE)

ATRISCO ONE–WAY SB TRAFFIC.

INSTALL STORM DRAIN AND REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURN–OUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE B, STAGE 2 – ATRISCO CONSTRUCTION (SUNSET GARDENS RD TO MAE AVE)

SHIFT TWO WAY TRAFFIC TO NEW NB LANE (2 – 10' LANES)

REMOVE EXISTING PAVEMENT AND CONSTRUCT SB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE C, STAGE 1 – ATRISCO CONSTRUCTION (MAE AVE TO GONZALES RD)

ATRISCO ONE–WAY SB TRAFFIC.

REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE C, STAGE 2 – ATRISCO CONSTRUCTION (MAE AVE TO GONZALES RD)

SHIFT TWO–WAY TRAFFIC TO NEW NB LANE (2–10' LANES)

REMOVE EXISTING PAVEMENT AND CONSTRUCT SB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE D, STAGE 1 – ATRISCO CONSTRUCTION (GONZALES RD TO CYPRESS DR)

ATRISCO ONE–WAY SB TRAFFIC.

TIE INLETS TO EXISTING SD IN NB LANE AT STA 40+93.94.

REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE D, STAGE 2 – ATRISCO CONSTRUCTION (GONZALES RD TO CYPRESS DR)

SHIFT TWO–WAY TRAFFIC TO NEW NB LANE (2–10' LANES)

REMOVE EXISTING PAVEMENT AND CONSTRUCT SB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE E, STAGE 1 – ATRISCO CONSTRUCTION (CYPRESS DR TO OSAGE RD)

ATRISCO ONE–WAY SB TRAFFIC.

REMOVE EXISTING PAVEMENT AND CONSTRUCT NB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, STORM DRAIN SYSTEM, AND OTHER MISCELLANEOUS UTILITY.

## PHASE E, STAGE 2 – ATRISCO CONSTRUCTION (CYPRESS DR TO OSAGE RD)

SHIFT TWO–WAY TRAFFIC TO NEW NB LANE (2–10' LANES)

REMOVE EXISTING PAVEMENT AND CONSTRUCT SB LANE, WHICH INCLUDES: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, DRIVE PADS, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE F, STAGE 1 – ATRISCO CONSTRUCTION (OSAGE RD TO E.O.P.)

ATRISCO ONE–WAY NB TRAFFIC.

INSTALL STORM DRAIN ON WEST SIDE OF MEDIAN.

REMOVE EXISTING PAVEMENT AND CONSTRUCT ROADWAY ON WEST HALF OF MEDIAN, WHICH INCLUDE: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, STORM DRAIN SYSTEM, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

## PHASE F, STAGE 2 – ATRISCO CONSTRUCTION (OSAGE RD TO E.O.P.)

ATRISCO ONE–WAY SB TRAFFIC.

REMOVE EXISTING PAVEMENT AND CONSTRUCT ROADWAY ON EAST HALF OF MEDIAN, WHICH INCLUDE: SUBGRADE, BASE, ASPHALT, STANDARD CURB & GUTTER, ADA RAMPS, TURNOUTS, STORM DRAIN SYSTEM, AND OTHER MISCELLANEOUS UTILITY RELOCATIONS.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
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BENCH MARKS

THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV = 4954.92 FT. (3rd ORDER) (NGVD 29)

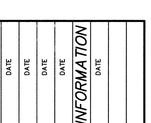
AS–BUILT INFORMATION

CONTRACTOR
WORK STARTED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
AS–BUILT VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO–FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

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WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
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| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
SUGGESTED SEQUENCE OF CONSTRUCTION

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02
Zone Map No. K–12
Sheet 6–1 Of

Notice Of Extended Pav ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY



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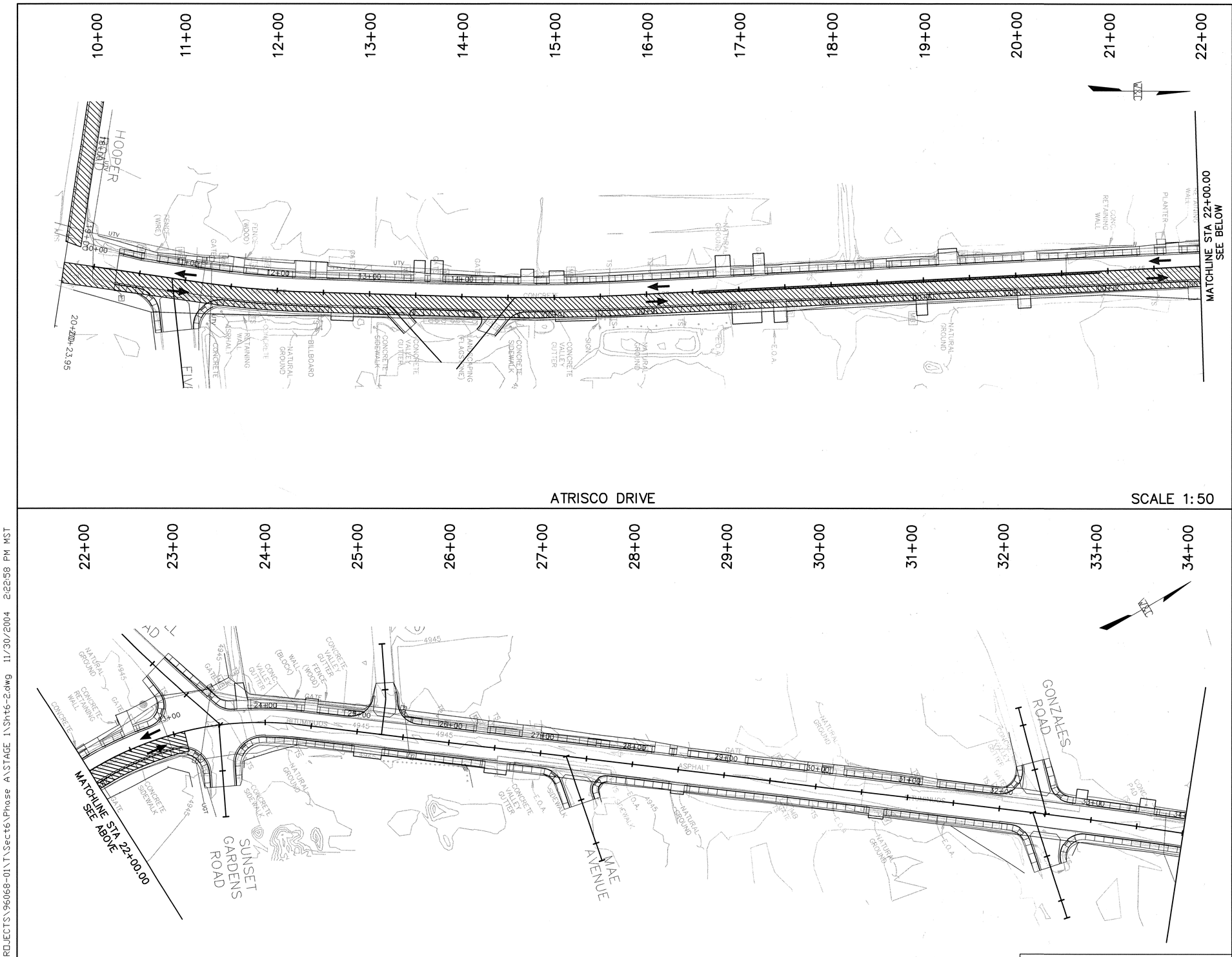


PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| | TYPE III BARRICADES |

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
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BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
SUBSEQUENT ACCEPTANCE BY — DATE
AS-BUILTS VERIFICATION BY — DATE
DRAWINGS COMPILED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
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REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS–PHASE A,STAGE–1

Design Review Committee: APPROVED DEC 20 2004 DESIGN COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02
Zone Map No. K–12
Sheet 6–2 Of

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY



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HOOPER DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

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|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⫫ | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

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BENCH MARKS

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AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL

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| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

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| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE A,STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02
Zone Map No. K—12
Sheet 6—3 Of

WILSON & COMPANY

Sheet 36 Of 67

29/53

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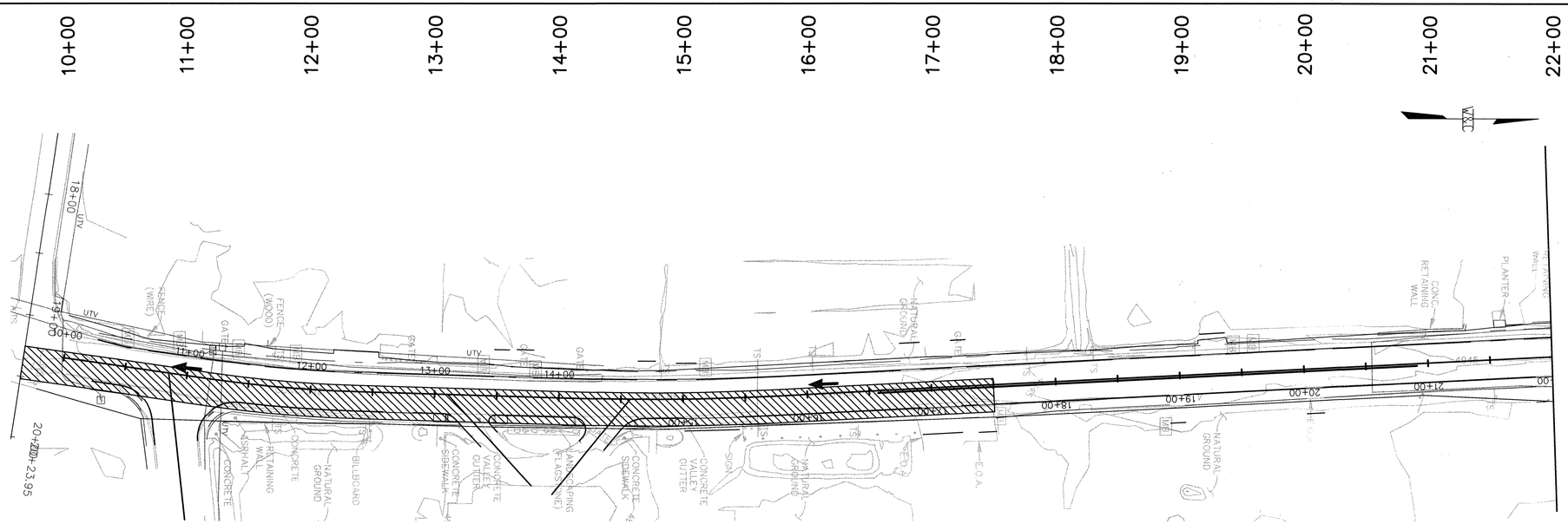


ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL UTILIZE TRENCH BOXES TO REDUCE EXCAVATION WIDTH.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⫫ | TYPE III BARRICADES |

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
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*BENCH MARKS*

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*AS-BUILT INFORMATION*

CONTRACTOR
WORK STARTED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

*MICRO-FILM INFORMATION*

RECORDED BY — DATE
NO.

*ENGINEER'S SEAL*

REGISTERED PROFESSIONAL ENGINEER — 15781 — NEW MEXICO

| NO. | DATE | REMARKS | BY |
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| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE A,STAGE—2

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337—02 | K—12 | 6—4 | |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY



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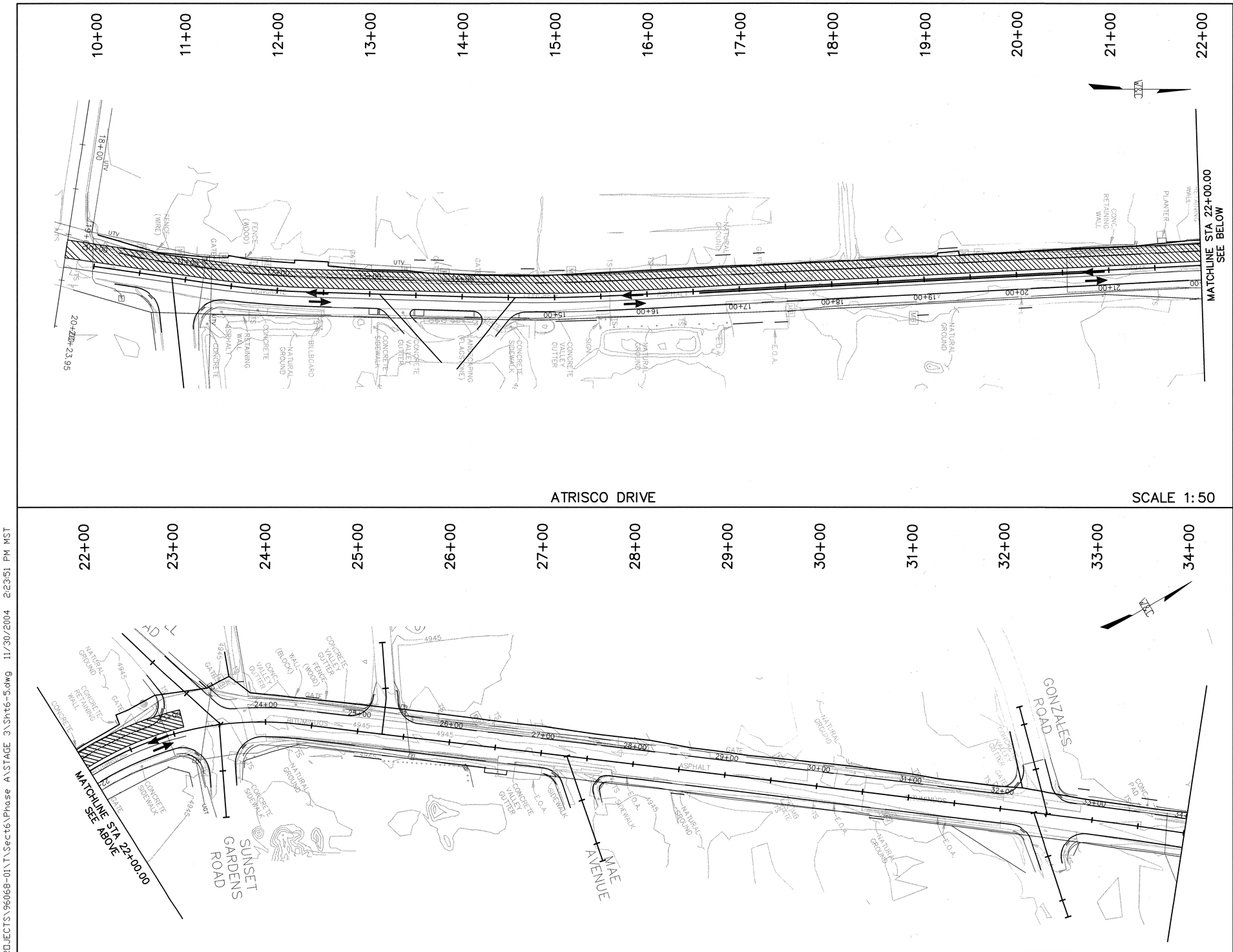


PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊥ | TYPE III BARRICADES |

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
AS-BUILTS VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
CONSTRUCTION PHASING PLANS-PHASE A,STAGE-3

Design Review Committee: APPROVE DEC 20 2004 DESIGN REVIEW COMMITT
City Engineer Approval: DEC 20 2004 CITY ENGR
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02 | Zone Map No. K-12 | Sheet 6-5 Of

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY

Sheet 38 Of 67

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PHASE 1 REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

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|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| | TYPE III BARRICADES |

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ELEV = 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

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WORK STAKED BY: — DATE

INSPECTOR'S ACCEPTANCE BY — DATE

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DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

ARCHULETA 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
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| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS–PHASE A, STAGE–4

Design Review Committee: APPROVE DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02

Zone Map No. K–12

Sheet Of 6–6

WILSON & COMPANY

Sheet 39 of 67 31/53

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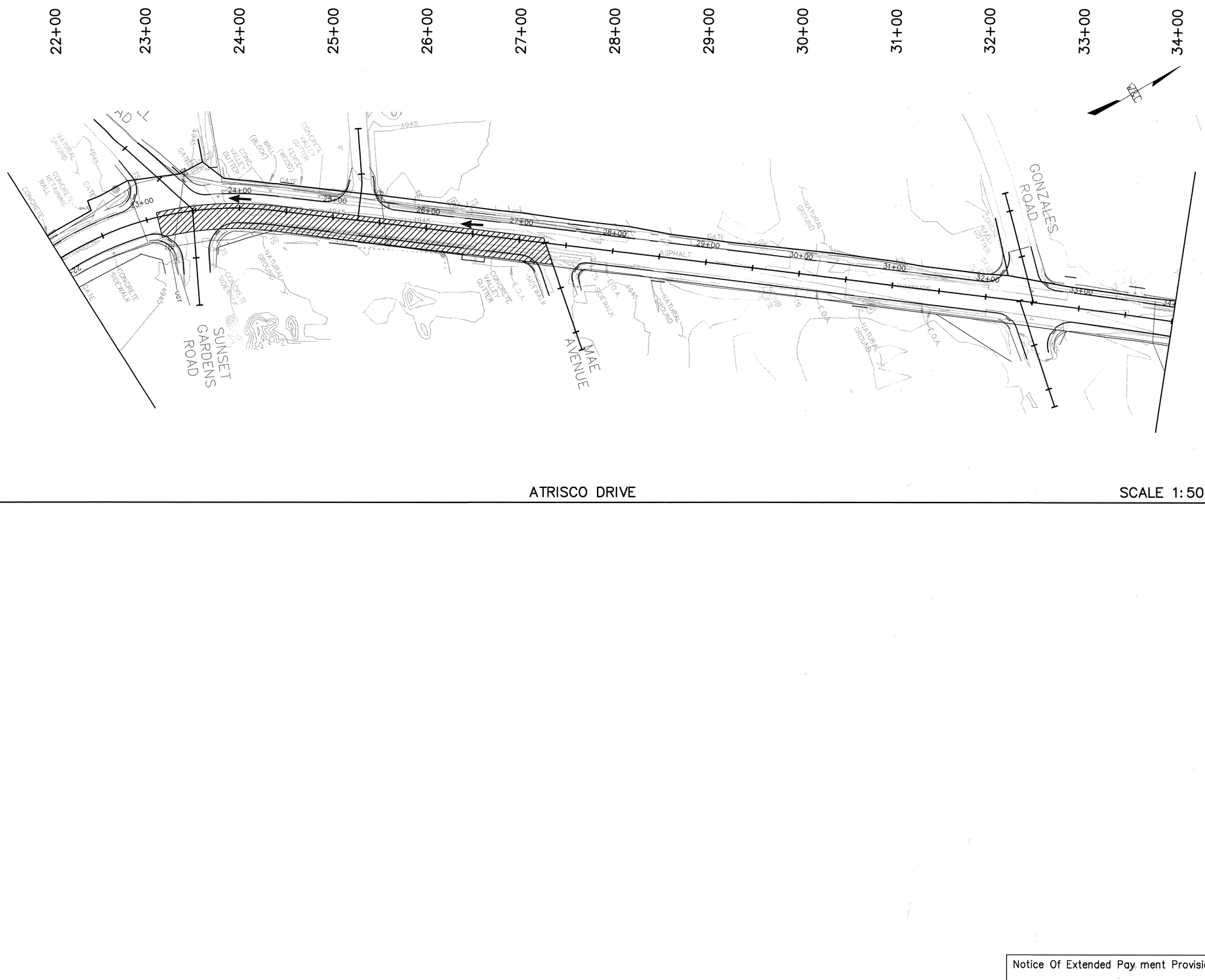


ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⫫ | TYPE III BARRICADES |

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE.

TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR — DATE

WORK INSPECTED BY — DATE

RECORD ACCEPTANCE BY — DATE

FIELD VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

*MICRO-FILM INFORMATION*

RECORDED BY — DATE

NO.

*ENGINEER'S SEAL*

CHARLES F. WILSON 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE B,STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02

Zone Map No. K—12

Sheet 6—7 Of

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY



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ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊣ | TYPE III BARRICADES |

Notice Of Extended Payment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE

"LINK" ESTABLISHED BY — DATE

INSPECTOR'S ACCEPTANCE BY — DATE

AS-BUILT VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER 15781

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE B, STAGE—2

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02 | Zone Map No. K—12 | Sheet 6—8 Of

WILSON & COMPANY

Sheet 41 Of 67

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SUNSET GARDENS ROAD
MAE AVENUE
GONZALES ROAD
CONCRETE RETAINING WALL
CONCRETE SIDEWALK
CONCRETE VALLEY GUTTER
CONCRETE FENCE
WALL (WOOD)
WALL (BLOCK)
CONC. V-GUTTER
CONCRETE CURB & GUTTER
BITUMINOUS
NATURAL GROUND
GATE
E.O.A.
SIDEWALK
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ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊣ | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK SUPERVISED BY — DATE
ACCEPTANCE BY — DATE
AS-BUILTED VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

NEW MEXICO 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE C, STAGE—2

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337—02 | K—12 | 6—10 | |

WILSON & COMPANY



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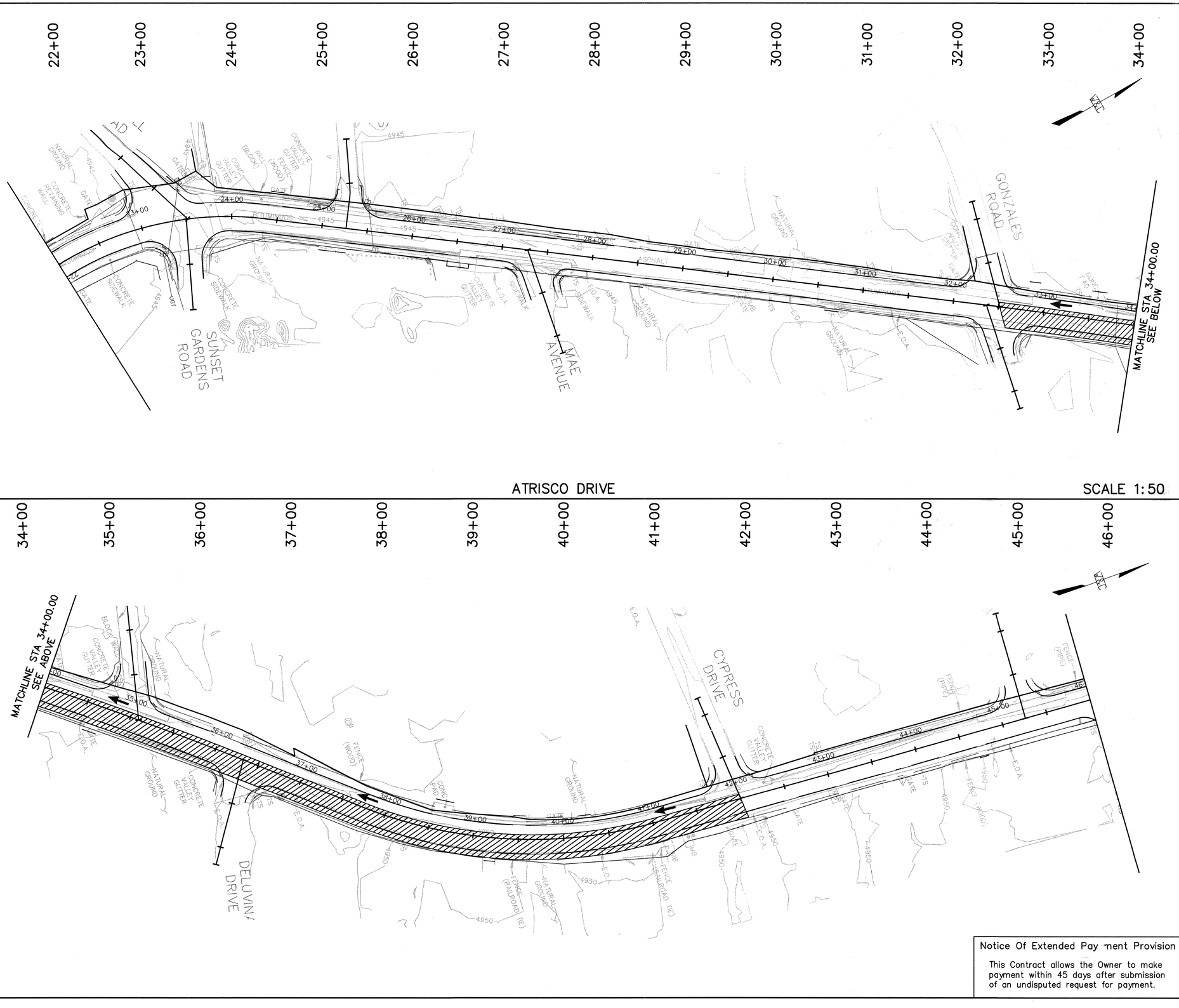


PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| | VERTICAL PANELS |
| | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
INSPECTOR'S ACCEPTANCE — DATE
AS-BUILTS VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL

REVISIONS

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | WILSON & COMPANY, ENGINEERS & ARCHITECTS | |
| | | DESIGNED BY EEA | DATE 2004 |
| | | DRAWN BY STAFF | DATE 2004 |
| | | CHECKED BY EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE D, STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02 | Zone Map No. K—12 | Sheet 6—11 Of

WILSON & COMPANY

Sheet 44 of 67 36/53

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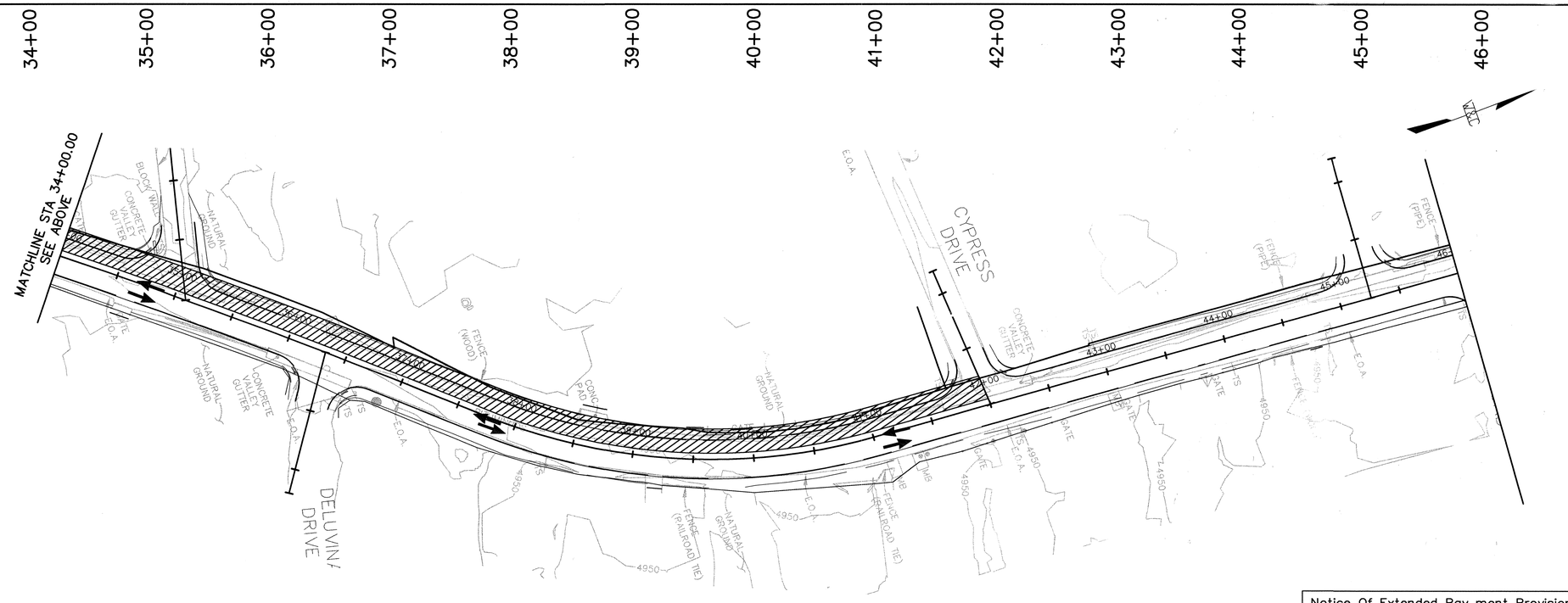
ATRISCO DRIVE

SCALE 1:50




PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⫫ | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE. TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK INSPECTORS — DATE
FIELD ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS COMPILED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

NO. | DATE | REMARKS | BY

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS CONSTRUCTION PHASING PLANS–PHASE D,STAGE–2

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337–02 | Zone Map No. K–12 | Sheet 6–12 Of

WILSON & COMPANY

Sheet 45 of 67 37/53

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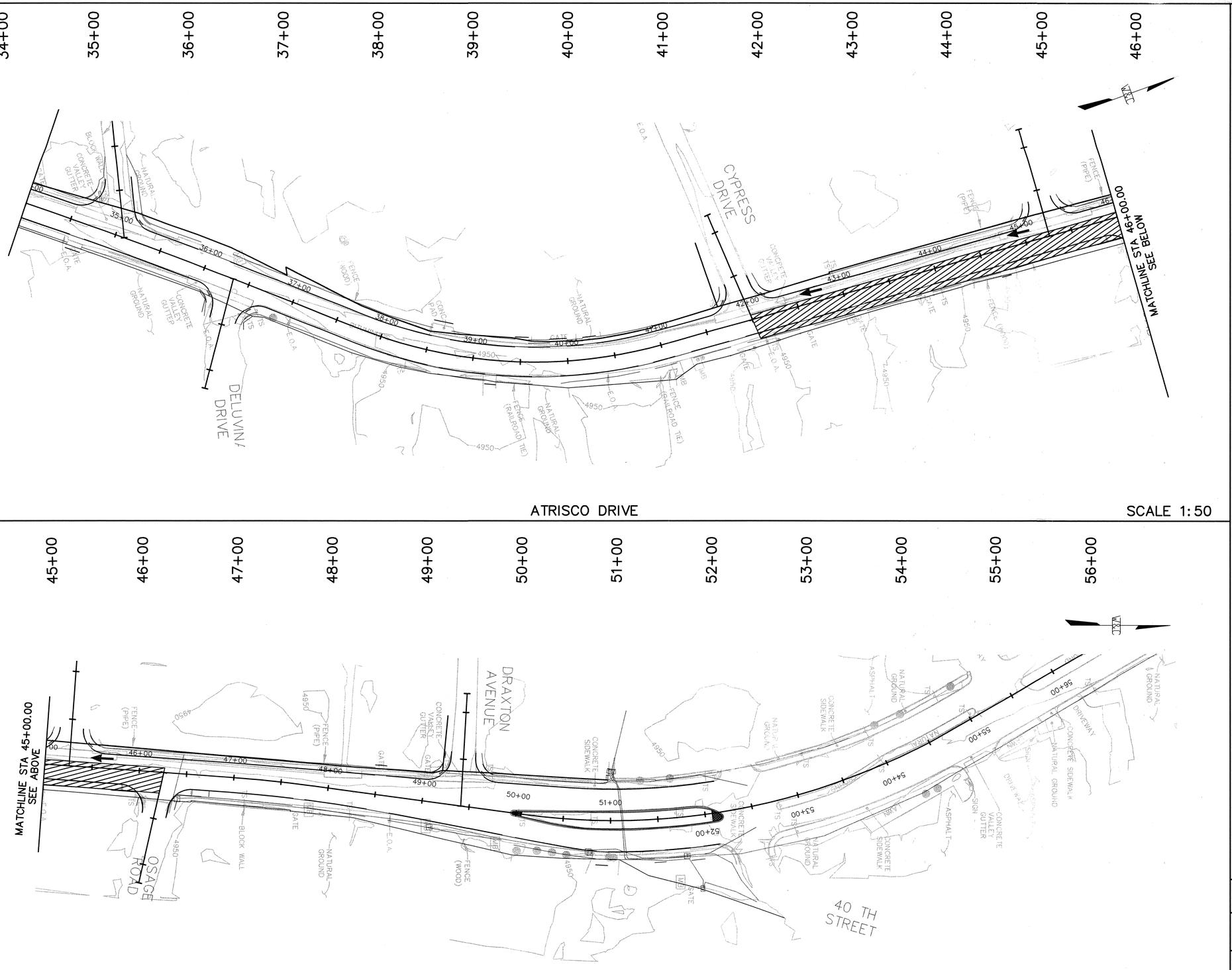


PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊥ | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE.

TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR
WORK INSPECTED BY: DATE
PROJECT ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
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| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE E, STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02 | Zone Map No. K—12 | Sheet 6—13 Of

WILSON & COMPANY

Sheet 46 Of 67

38/53

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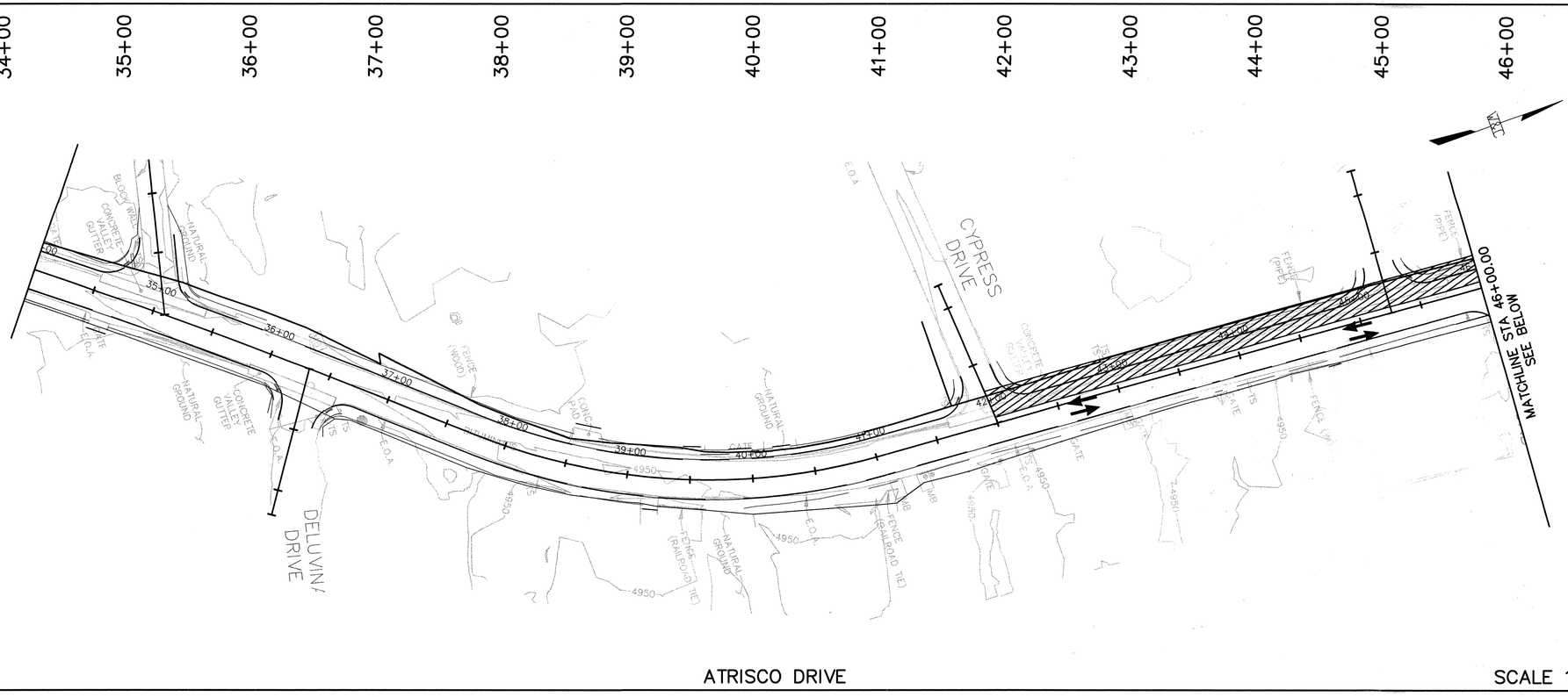


ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊥ | TYPE III BARRICADES |

Notice Of Extended Payment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR — DATE

WORK STARTED BY — DATE

INSPECTORS ACCEPTANCE BY — DATE

AS-BUILT VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

*MICRO-FILM INFORMATION*

RECORDED BY — DATE

NO.

*ENGINEER'S SEAL*

STATE OF NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE E, STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02

Zone Map No. K—12

Sheet 6—14 Of

WILSON & COMPANY

Sheet 47 Of 67

39/53

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ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

2. PAYMENT FOR TEMPORARY &/OR DETOUR PAVEMENT SHALL BE CONSIDERED INCIDENTAL. TO TRAFFIC CONTROL & BARRICADING.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| ⊣ | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

CONTRACTOR

WORK STARTED BY DATE

INSPECTORS

ACCEPTANCE BY DATE

AS-BUILTS

VERIFICATION BY DATE

DRAWINGS

CORRECTED BY DATE

*MICRO-FILM INFORMATION*

RECORDED BY

DATE

NO.

*ENGINEER'S SEAL*

ESTELLE A. ARAGON NEW MEXICO 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS—PHASE F,STAGE—1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337—02

Zone Map No. K—12

Sheet 6—15 Of

WILSON & COMPANY

Sheet 48 Of 67

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Notice Of Extended Pavement Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| | VERTICAL PANELS |
| | TYPE III BARRICADES |

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR

WORK STAKED BY — DATE

WORK INSPECTED BY — DATE

ACCEPTANCE BY

FIELD MODIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS |
|---|---|---|
| | | REVISIONS |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
CONSTRUCTION PHASING PLANS–PHASE F,STAGE–1

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337–02 | K–12 | 6–16 | |

WILSON & COMPANY



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ATRISCO DRIVE

SCALE 1:50

PHASE . REQUIREMENTS

1. CONTRACTOR SHALL LIMIT LANE CLOSURES TO A MAXIMUM OF 500' & UTILIZE FLAGGING OPERATIONS DURING VALLEY GUTTER REMOVAL.

LEGEND:

| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| | TYPE III BARRICADES |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

CONTRACTOR
WORK STARTED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS |
|---|---|---|
| | | REVISIONS |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS-PHASE F,STAGE-1

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02 | Zone Map No. K-12 | Sheet 6-17 Of

WILSON & COMPANY

Sheet 50 Of 67

42/53

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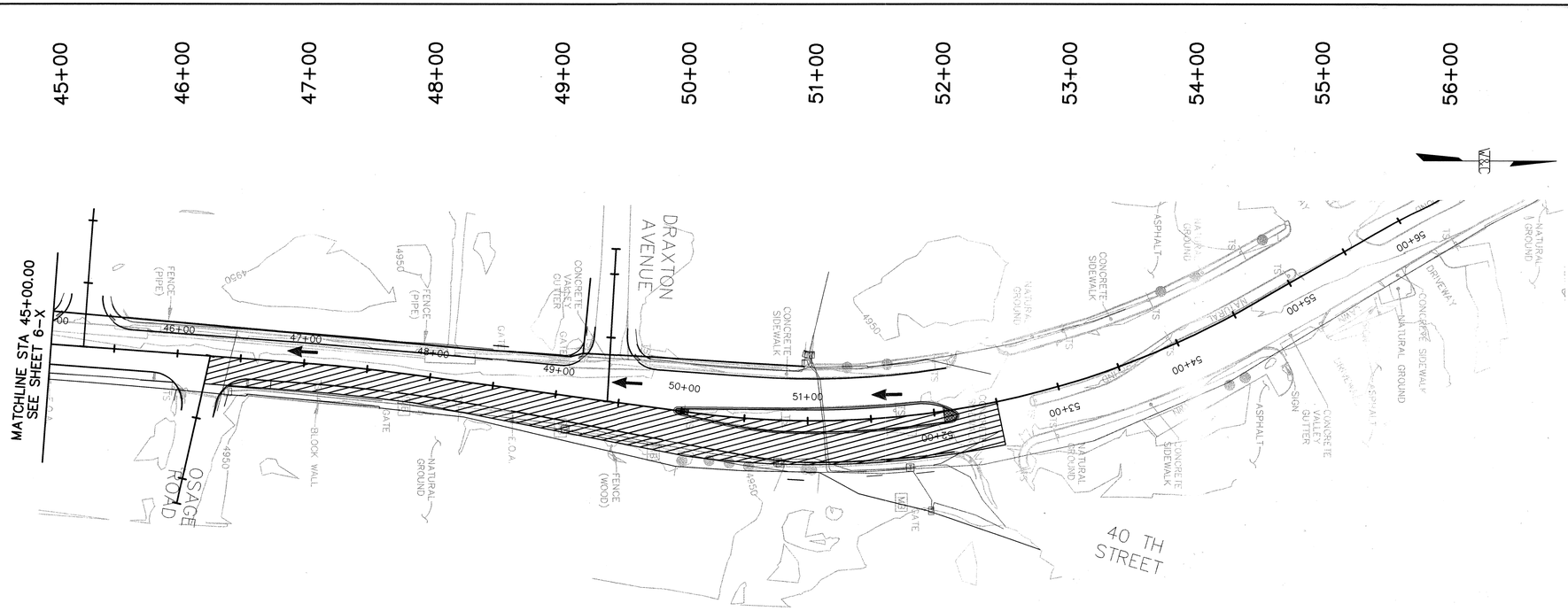


ATRISCO DRIVE

SCALE 1:50

PHASE REQUIREMENTS

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| | |
|---|---|
| | CONSTRUCTION ZONE |
| | TRAFFIC FLOW |
| ▲ | VERTICAL PANELS |
| | TYPE III BARRICADES |

Notice Of Extended Payment Provision

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SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

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AS-BUILT INFORMATION

CONTRACTOR
WORK STARTED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS COMPILED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

ENGINEER'S SEAL

ISAAC F. BENAVIDEZ NEW MEXICO 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | EEA | DATE 2004 |
| DRAWN BY | STAFF | DATE 2004 |
| CHECKED BY | EEA | DATE 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## CONSTRUCTION PHASING PLANS-PHASE F,STAGE-2

Design Review Committee: APPROVE DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 6-18 | |

WILSON & COMPANY

Sheet 51 of 67

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## GENERAL NOTES FOR SIGNING & STRIPING

1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARDS AND SPECIFICATIONS.

2. ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 721 OF THE NMSHTD STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION 2000 EDITION. PAINTING OVER EXISTING STRIPING DOES NOT CONSTITUTE APPROVED STRIPING OBLITERATION.

3. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.

4. THE CONTRACTOR MAY BE REQUIRED BY THE ENGINEER TO PREPARE AS–BUILT DRAWINGS OF THE EXISTING STRIPING PRIOR TO CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE THERFOR.

5. THE DESIGN SPEED FOR THE ROAD IS: 45 MPH. THE DESIGN VEHICLE IS: WB–50. THE POSTED SPEED LIMIT IS: 35 MPH.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS ON FINAL SURFACE COURSE FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THEN 50 FEET APART ALONG THE LINES TO BE STRIPED. THE LAYOUT OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE APPLICATION OF MATERIALS.

7. ALL LINE DIMENSIONS ARE FROM CENTER OF LANE LINE, CENTER OF DOUBLE LANE LINE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

8. THE FINAL LONGITUDINAL STRIPING SHALL BE 0.060–INCHES THICK HOT–SPRAYED THERMOPLASTIC REFLECTORIZED STRIPING PLACED OVER THE TEMPORARY STRIPING WITHIN 14 TO 30 CALENDAR DAYS AFTER COMPLETION OF THE FINAL PAVEMENT SURFACE, OR AS DIRECTED BY THE ENGINEER. ALL OTHER MARKINGS SHALL BE APPLIED AT THE SAME TIME. TEMPORARY STRIPING SHALL BE PAINT UNLESS NOTED OTHERWISE.

9. ALL FINAL TRANSVERSE MARKINGS SHALL BE HOT–SPRAYED 0.090–INCHES THERMOPLASTIC STRIPING. ALL PAVEMENT ARROWS AND LEGENDS SHALL BE A REFLECTORIZED PERFORMED PLASTIC PAVEMENT MARKING.

10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE COURSE IS PLACED SO THAT THE STRIPING IS OFFSET ONE FOOT CLEAR OF THE CONSTRUCTION JOINT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

11. ALL RAISED PAVEMENT MARKERS SHALL BE INSTALLED SO THAT THE REFLECTIVE FACE OF EACH MARKER IS FACING THE DIRECTION OF TRAFFIC AND IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW.

12. THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE ENGINEER BY SWEEPING AND AIR–JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE TEMPERATURE SHALL NOT BE LESS THEN 50 DEGREES F. FOR THE PLACEMENT OF THERMOPLASTIC STRIPING, AND 40 DEGREES F. FOR THE PLACEMENT OF RAISED PAVEMENT MARKERS (RPMs).

13. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT, STRIPING, MARKING AND MARKERS.

14. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES (MAXIMUM) AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.

15. SIGN NUMBERS ARE TAKEN FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2000 EDITION), STANDARD HIGHWAY SIGNS (1979 & REV.) AND NMDOT SIGN CODE LISTING (1995).

16. ANY SIGNS NOT SHOWN IN PLAN SETS ARE NOT TO BE DISTURBED.

17. CONTACT ALBERT ORTIZ AT 857–8000 EXT. 8601 FOR HANDLING ARRANGEMENTS OF EXISTING SIGNS THAT ARE INDICATED AS TO BE REMOVED AND SALVAGED.

18. ALL NEW SIGNS SHALL MEET THE MINIMUM REQUIREMENTS SPECIFICED IN THE MUTCD 2000.

19. NEW SIGNS SHALL BE MOUNTED ON A SINGLE 12 GAUGE POST, AS MANUFACTURED BY TELSPAR, OR APPROVED EQUAL. POSTS SHALL BE SQUARE WITH DIMENSIONS AS FOLLOWS:
    1 3'4" X 1 3/4" X 10' POST
    2" X 2" X 30" ANCHOR

20. CONTRACTOR SHALL INSTALL A CORRESPONDINGLY SIZED 30–INCH LONG ANCHOR. SIGN POSTS SHOULD BE INSERTED 6–INCHES INTO THE ANCHOR OR PER MANUFACTURER'S RECOMMENDATIONS.

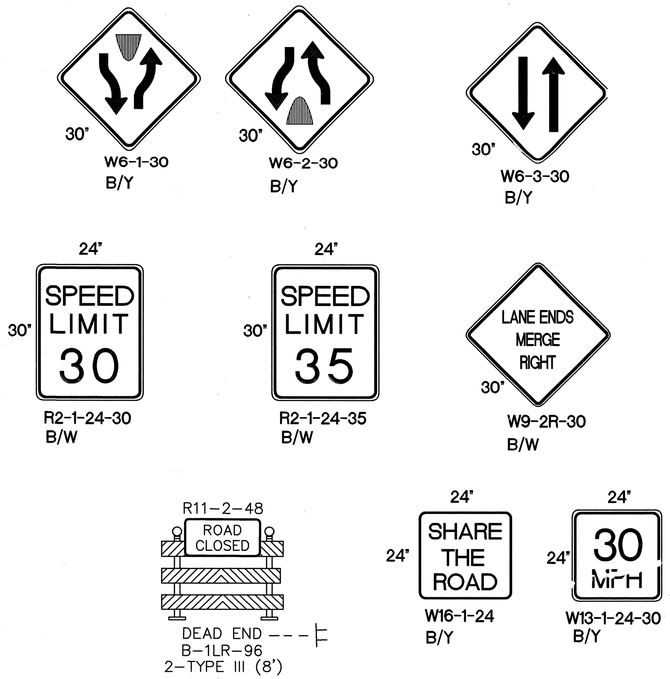
21. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING LOCATIONS WHERE NEW SIGNS WILL BE PLACED. AT THESE LOCATIONS, THE CONTRACTOR SHALL PLACE THE BASE POST AND SLEEVE ADJACENT TO EXISTING SIDEWALKS. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY SIDEWALK DAMAGED BY SIGN POST INSTALLATION. ALL SIDEWALK REPLACEMENT SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT MADE THEREFOR.

22. ALL NEW SIGNS SHALL, AT MINIMUM, USE DIAMOND GRADE REFLECTIVE SHEETING WITH GRAFFITI RESISTANT INKS OR COATING AS APPROVED BY THE TRAFFIC ENGINEER.

23. DISTANCE FROM EDGE OR TRAVELED WAY TO NEAR EDGE OF SIGN SHALL BE AS SHOWN IN THE MUTCD 2000.

24. MOUNTING HEIGHT OF SIGN SHALL BE AS SHOWN IN THE MUTCD 2000.

25. BLOCK NUMBERS FOR SIGNAGE TO BE COORDINATED BY P.M.




SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

BENCH MARKS

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TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.

ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS–BUILT INFORMATION

CONTRACTOR — DATE
WORK INSPECTED BY — DATE
FIELD ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO–FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | SEVEF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PERMANENT SIGNING AND STRIPING

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337–02 | K–12 | 7–1 | |

WILSON & COMPANY



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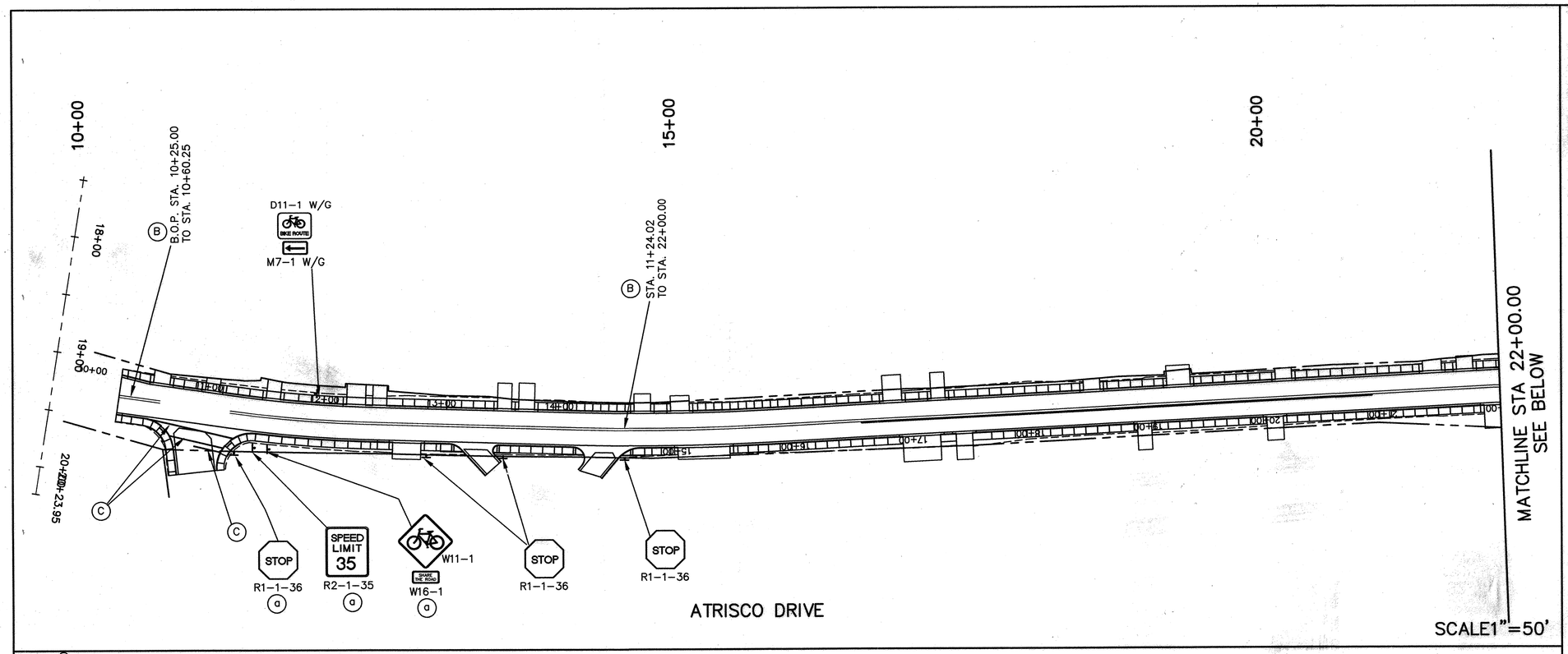
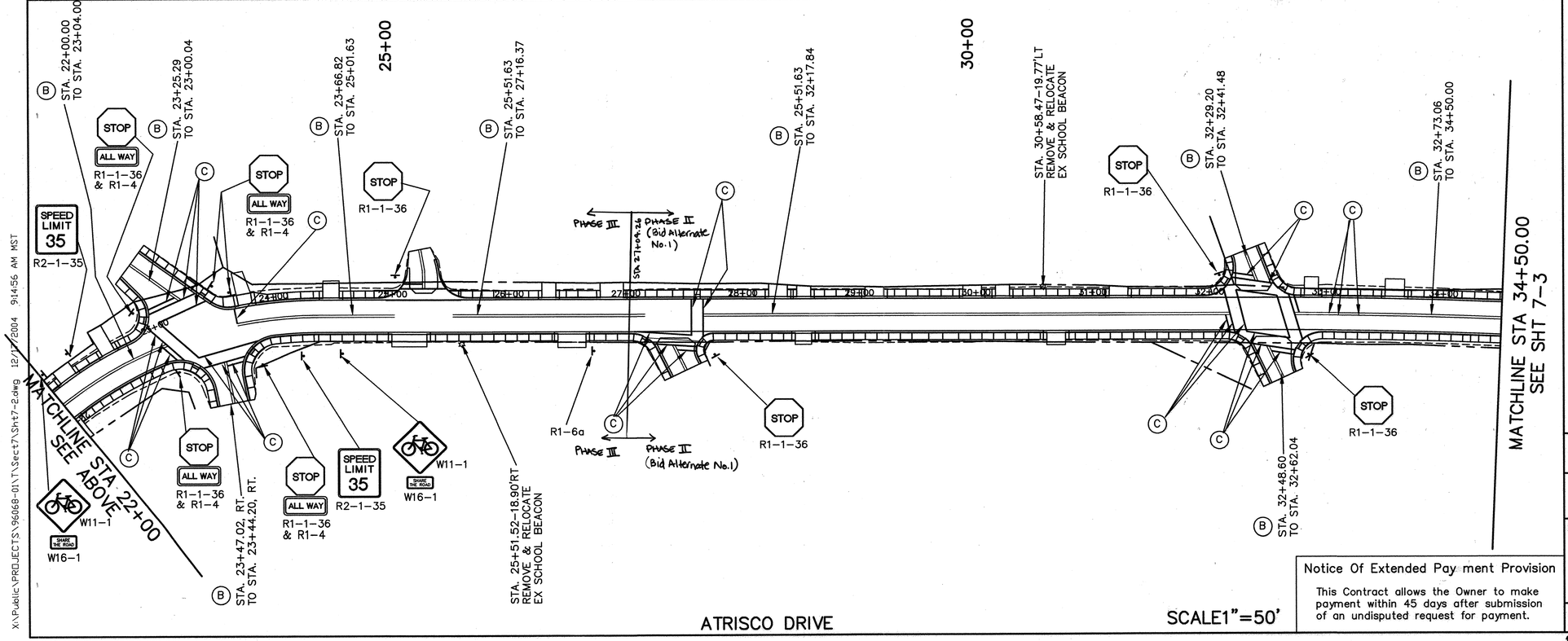


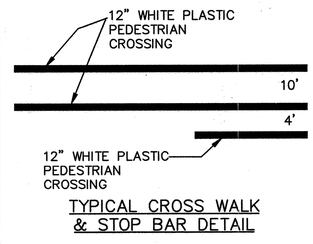

## STRIPING LEGEND

- (A) 4 INCH SOLID WHITE PLASTIC LINE
- (B) 4 INCH SOLID DOUBLE YELLOW PLASTIC LINE
- (C) 12 INCH SOLID WHITE PLASTIC LINE
- (D) 4 INCH SOLID YELLOW PLASTIC LINE

NOTE: ALL EXISTING STREET SIGNS AND STOP SIGNS SHALL BE SALVAGED.

## SIGNING LEGEND

- (a) SPACING OF EACH SIGN SHALL BE A MINIMUM OF 100'




TYPICAL CROSS WALK
& STOP BAR DETAIL

*AS-BUILT INFORMATION*

CONTRACTOR
WORK PERFORMED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
CORRECTED BY — DATE

*MICRO-FILM INFORMATION*

RECORDED BY — DATE
NO.

*BENCH MARKS*

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ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

*ENGINEER'S SEAL*

DEREK D. MEIER — NEW MEXICO — 14504 — REGISTERED PROFESSIONAL ENGINEER — 12/21/04

ANTONIETA C. BOONE — NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS |
|---|---|---|
| 1 | 12/21/04 | ADDED LIMITS OF PHASING |

*REVISIONS*

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | BY | DATE |
|---|---|---|
| DESIGNED BY | EEA | 2004 |
| DRAWN BY | LO STAFF | 2004 |
| CHECKED BY | EEA | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PERMANENT SIGNING & STRIPING
### BOP TO STA 34+50.00

Design Review Committee — DEC 20 2004 — DESIGN REVIEW COMMITTEE
City Engineer Approval — DEC 20 2004 — CITY ENGINEER
Last Design Update — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 7-2 | |

Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

WILSON & COMPANY

Sheet 53 Of 67

45/53

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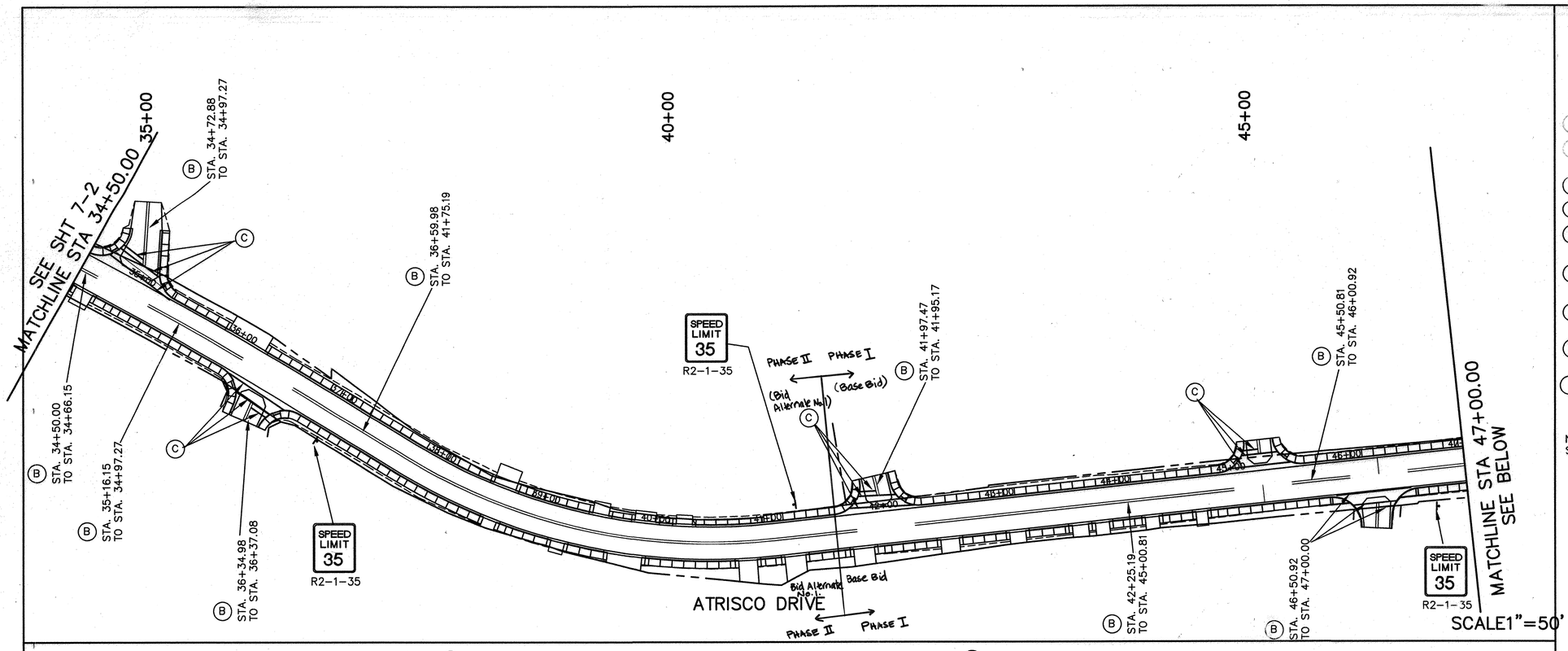
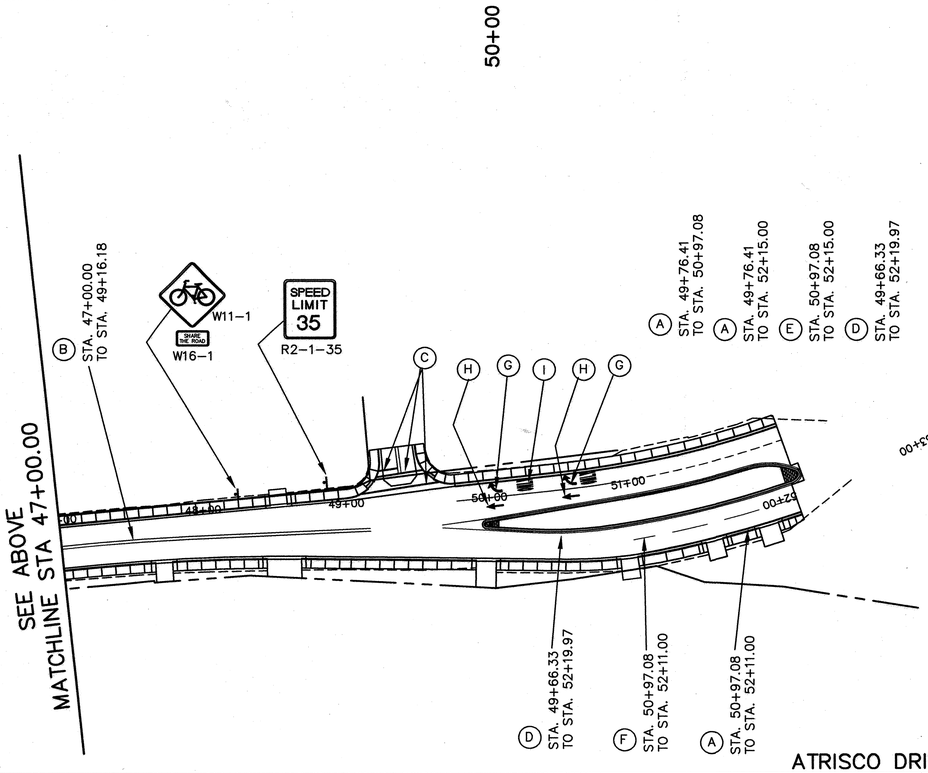
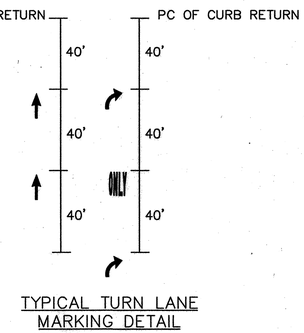



## STRIPING LEGEND

- (A) 4 INCH SOLID WHITE PLASTIC LINE
- (B) 4 INCH SOLID DOUBLE YELLOW PLASTIC LINE
- (C) 12 INCH SOLID WHITE PLASTIC LINE
- (D) 4 INCH SOLID YELLOW PLASTIC LINE
- (E) 4" DOTTED WHITE LINE (3' STRIPE W/7' GAP).
- (F) 4" DASHED WHITE LINE (10' STRIPE W/30' GAP).
- (G) REFLECTORIZED PREFORMED PLASTIC RIGHT TURN ARROW.
- (H) REFLECTORIZED PREFORMED PLASTIC THROUGH ARROW.
- (I) REFLECTORIZED PREFORMED PLASTIC WORD "ONLY".

NOTE: ALL EXISTING STREET SIGNS AND STOP SIGNS SHALL BE SALVAGED.




TYPICAL TURN LANE MARKING DETAIL
NTS

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SURVEY INFORMATION
FIELD NOTES

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BENCH MARKS
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CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
LEREE D. MEIER — NEW MEXICO — 14504 — REGISTERED PROFESSIONAL ENGINEER
EDWARD J. KELLY — NEW MEXICO — 15781 — REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS |
|---|---|---|
| 1 | 03/24/04 | ADDED LIMITS OF PHASES |

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | BY | DATE |
|---|---|---|
| DESIGNED BY | EEA | 2004 |
| DRAWN BY | LO | STAFF 2004 |
| CHECKED BY | EEA | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## PERMANENT SIGNING AND STRIPING
STA. 34+50.00 TO EOP

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5337-02 | Zone Map No. K-12 | Sheet 7-3 Of

WILSON & COMPANY

Sheet 54 Of 67 46/53

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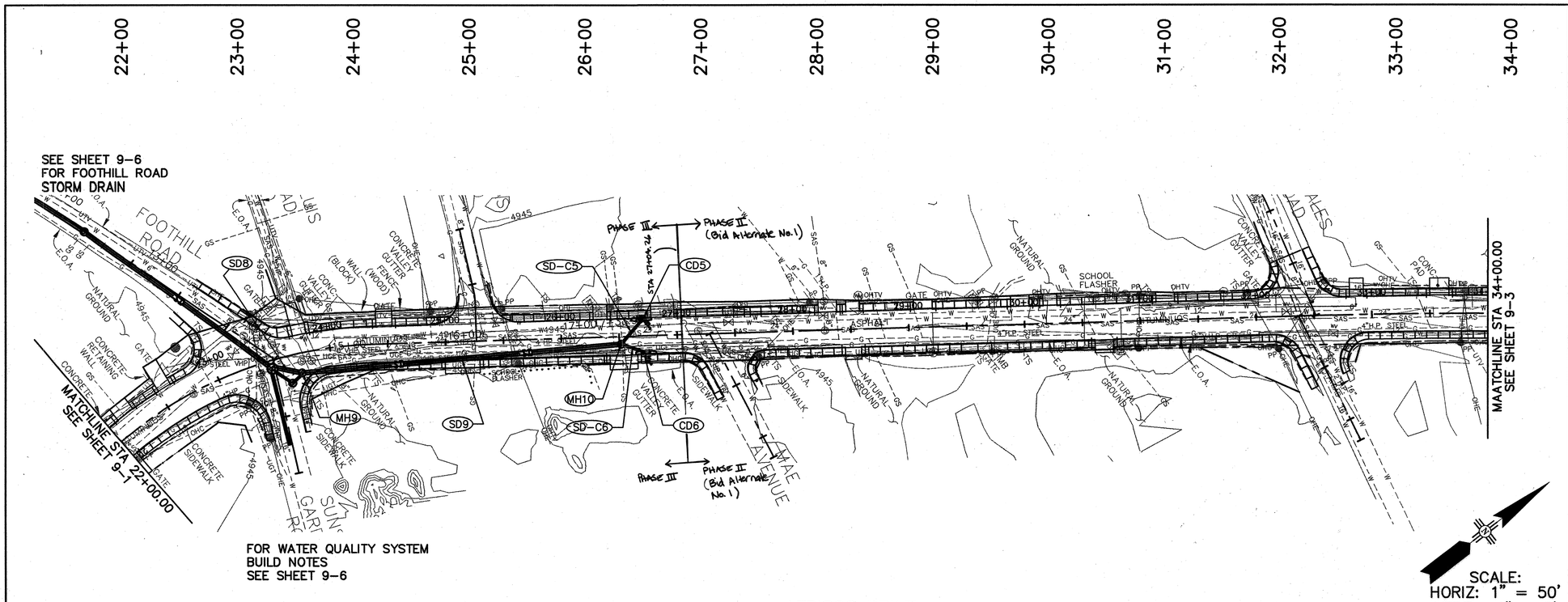


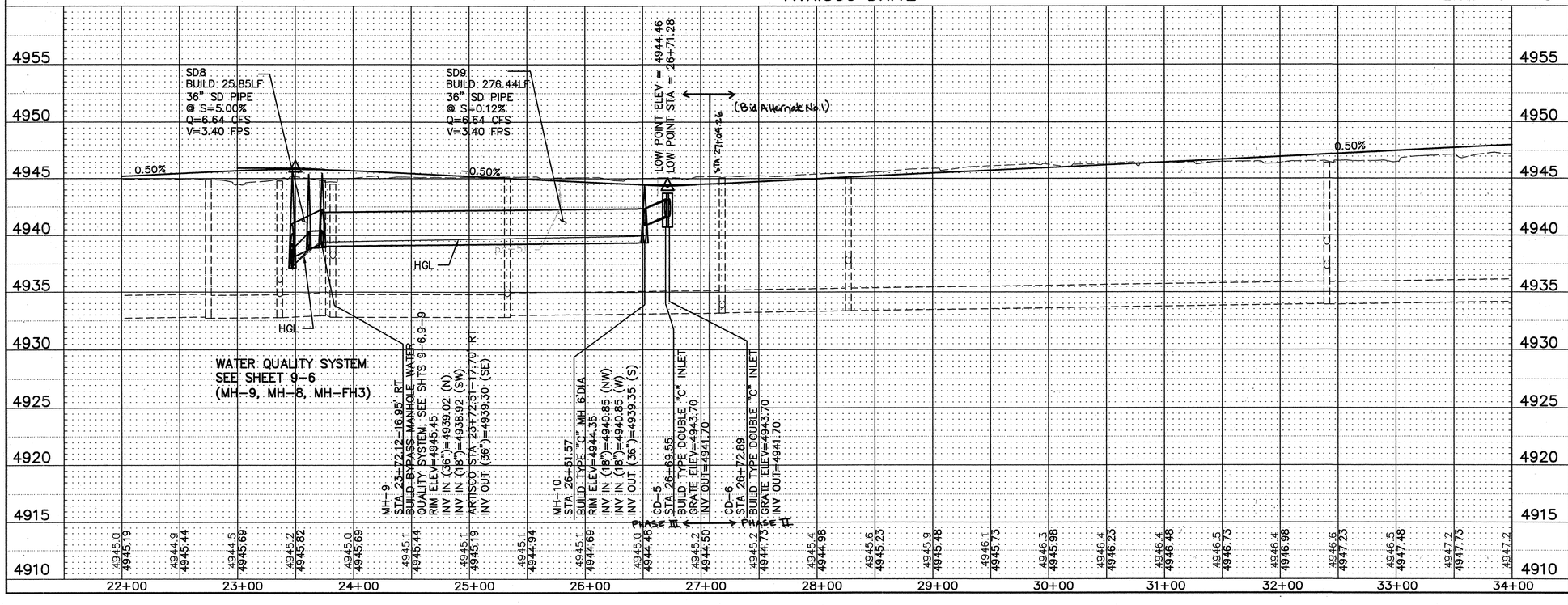


## CONSTRUCTION BUILD NOTES
### CONCRETE DROP INLET

(CD5) STA 26+69.55–15.50' LT
BUILD TYPE DOUBLE "C" INLET
GRATE ELEV=4943.70
INV OUT=4941.70

(CD6) STA 26+72.89–15.50' RT
BUILD TYPE DOUBLE "C" INLET
GRATE ELEV=4943.70
INV OUT=4941.70

## CONSTRUCTION BUILD NOTES
### STORM DRAIN MANHOLE

(MH10) STA 26+51.57–6.57' RT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4944.35
INV IN (18")=4940.85 (NW)
INV IN (18")=4940.85 (W)
INV OUT (36")=4939.35 (S)

(MH-FH3) ARTISCO STA 23+61.87–29.54'RT
FOOTHILL STA 14+53.10–15.21'RT
BUILD TYPE "C" MANHOLE 4' DIA
SEE COA STD DWG 2101
RIM ELEV=4945.22
INV IN (18")=4938.13 (E)
INV OUT (18")=4938.03 (SW)

(MH-9) ARTISCO STA 23+72.12–16.95' RT
BUILD BYPASS MANHOLE WATER QUALITY
SEE SHEET 9-9
RIM ELEV=4945.45
INV IN (36")=4939.02 (N)
INV OUT (18")=4938.92 (SW)
ARTISCO STA 23+72.51–17.70' RT
INV OUT (36")=4939.30 (SE)

## CONSTRUCTION BUILD NOTES
### STORM DRAIN PIPE

(SD8) BUILD 25.85LF OF 36" SD PIPE
@ S=5.00%

(SD9) BUILD 276.44LF OF 36" SD PIPE
@ S=0.12%

(SD-C5) BUILD 26.93LF OF 18" SD PIPE
@ S=3.16%

(SD-C6) BUILD 21.07LF OF 18" SD PIPE
@ S=4.03%

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*AS-BUILT INFORMATION*
CONTRACTOR
WORK STARTED BY / DATE
WORK ACCEPTANCE BY / DATE
FIELD VERIFICATION BY / DATE
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*MICRO-FILM INFORMATION*
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ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*SURVEY INFORMATION*
FIELD NOTES
NO. / BY / DATE

*ENGINEER'S SEAL*
STEVEN E. ARAGON, NEW MEXICO, 15781, REGISTERED PROFESSIONAL ENGINEER

DESIGNED D. MEIER, NEW MEXICO, 14504, REGISTERED PROFESSIONAL ENGINEER, 5/15/08

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 3/2/06 | REVISIONS, MODIFIED LIMITS OF PHASES | DWM |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## STORM DRAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | 9-2 | |

WILSON & COMPANY

Sheet 56 Of 67

47/53

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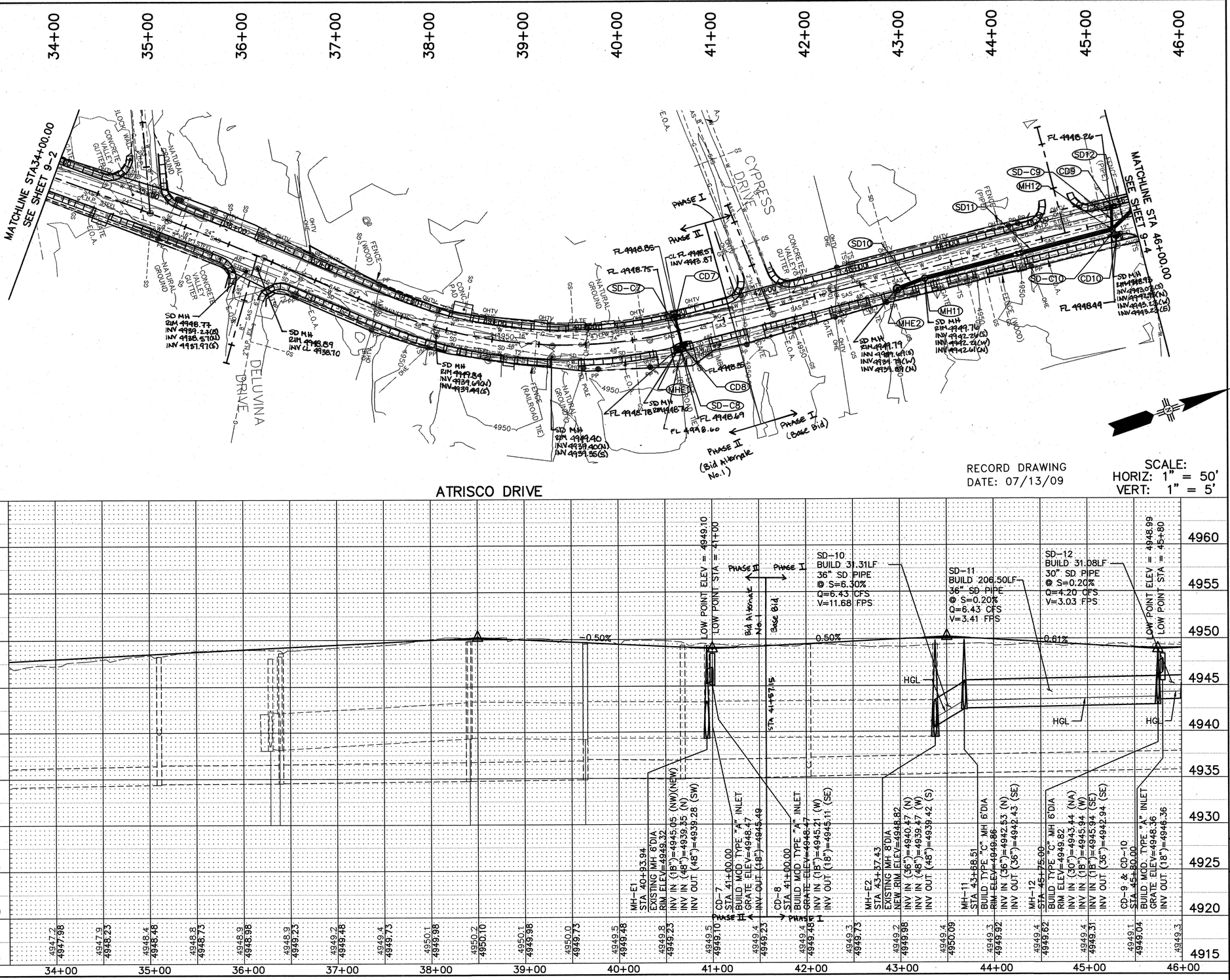


RECORD DRAWING
DATE: 07/13/09

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'

ATRISCO DRIVE




## CONSTRUCTION BUILD NOTES
## CONCRETE DROP INLET

(CD7) STA 41+00.00–15.50' LT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.47
INV OUT(18")=4945.49

(CD8) STA 41+00.00–15.50' RT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.47
INV IN (18")=4945.21 (W)
INV OUT(18")=4945.11 (SE)

(CD9) STA 45+80.00–15.50' LT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.36
INV OUT (18")=4946.36

(CD10) STA 45+80.00–15.50' RT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.36
INV OUT(18")=4946.36

## CONSTRUCTION BUILD NOTES
## STORM DRAIN MANHOLE

(MHE1) STA 40+93.94–19.19' RT
EXISTING MANHOLE 6' DIA
RIM ELEV=4949.32
INV IN (18")=4945.05 (NW)(NEW)
INV IN (48")=4939.35 (N)
INV OUT (48")= 4939.28 (S)

(MHE2) STA 43+37.43–13.75' RT
EXISTING MANHOLE 8' DIA
NEW RIM ELEV=4948.82
INV IN (36")=4940.47 (N)
INV IN (48")=4939.47 (W)
INV OUT (48")= 4939.42 (S)

(MH11) STA 43+68.51–9.97' RT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4949.86
INV IN (36")=4942.53 (N)
INV OUT (36")= 4942.53 (SE)

(MH12) STA 45+75.00–8.54' RT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4948.82
INV IN (30")=4943.44 (NA)
INV IN (18")=4945.94 (W)
INV IN (18")=4945.94 (NE)
INV OUT (36")= 4942.94 (S)

## CONSTRUCTION BUILD NOTES
## STORM DRAIN PIPE

(SD10) BUILD 31.31LF OF 36" SD PIPE @ S=6.30%

(SD11) BUILD 206.50LF OF 36" SD PIPE @ S=0.20%

(SD12) BUILD 31.08LF OF 30" SD PIPE @ S=0.20%

(SD-C7) BUILD 28.00LF OF 18" SD PIPE @ S=1.00%

(SD-C8) BUILD 5.18LF OF 18" SD PIPE @ S=1.16%

(SD-C9) BUILD 22.61LF OF 18" SD PIPE @ S=1.86%

(SD-C10) BUILD 5.93LF OF 18" SD PIPE @ S=7.08%

**Notice Of Extended Payment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|
| 1 | 3/24/05 | ADDED LIMITS OF PHASES | EEA |
| 2 | 7/13/09 | AS-BUILTS (ELEVATION INFO) | STAFF |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## STORM DRAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337–02 | K–12 | 9–3 | |

WILSON & COMPANY

Sheet 57 of 67

48/53

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE. TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: DATE
WORK INSPECTED & ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DAREL D. MEIER
NEW MEXICO
15781
REGISTERED PROFESSIONAL ENGINEER
7-13-09

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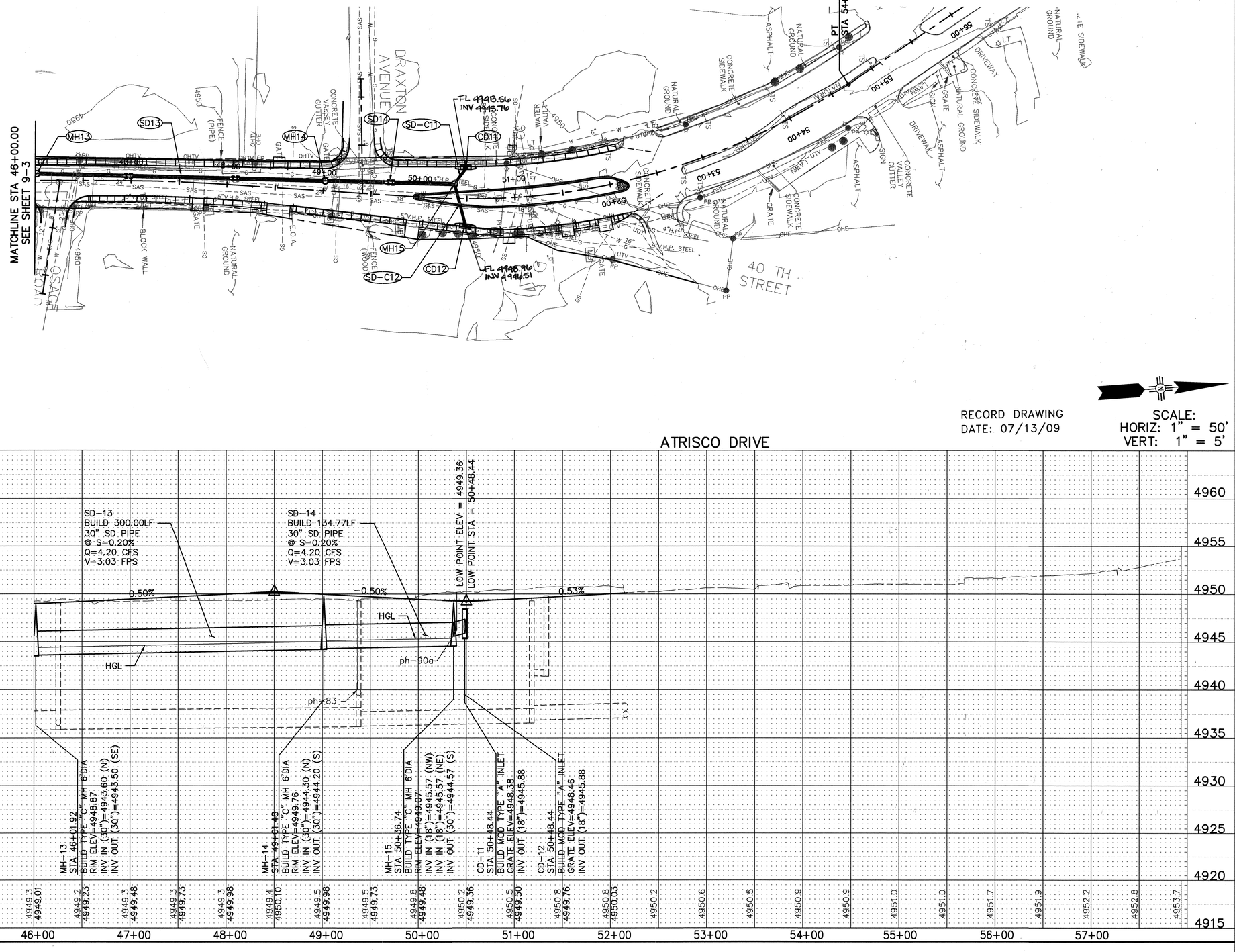


RECORD DRAWING
DATE: 07/13/09

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'




## CONSTRUCTION BUILD NOTES
### CONCRETE DROP INLET

(CD11) STA 50+48.44–32.98' LT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.38
INV OUT (18")=4945.88

(CD12) STA 50+48.44–28.86' RT
BUILD MODIFIED TYPE "A" INLET
GRATE ELEV=4948.46
INV OUT (18")=4945.88

## CONSTRUCTION BUILD NOTES
### STORM DRAIN MANHOLE

(MH13) STA 46+01.92–7.00' LT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4948.87
INV IN (30")=4943.60 (N)
INV OUT (30")= 4943.50 (SE)

(MH14) STA 49+01.48–10.34' LT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4949.76
INV IN (30")=4944.30 (N)
INV OUT (30")= 4944.20 (S)

(MH15) STA 50+36.74–15.23' LT
BUILD TYPE "C" MANHOLE 6' DIA
SEE COA STD DWG 2101
RIM ELEV=4949.07
INV IN (18")=4945.57 (NW)
INV IN (18")=4945.57 (NE)
INV OUT (30")= 4944.57 (S)

## CONSTRUCTION BUILD NOTES
### STORM DRAIN PIPE

(SD13) BUILD 300.00LF OF 30" SD PIPE @ S=0.20%

(SD14) BUILD 134.77LF OF 30" SD PIPE @ S=0.20%

(SD-C11) BUILD 19.39LF OF 18" SD PIPE @ S=1.60%

(SD-C12) BUILD 43.74LF OF 18" SD PIPE @ S=0.71%

**Notice Of Extended Payment Provision**

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## STORM DRAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | 9-4 | |

WILSON & COMPANY

Sheet 58 of 67

49/53

*AS-BUILT INFORMATION*

*BENCH MARKS*
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

CONTRACTOR
WORK STAKED BY — DATE
WORK INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD REVISION BY — DATE
DRAWINGS CORRECTION BY — DATE
*MICRO-FILM INFORMATION*
RECORDED BY — DATE
NO.

*SURVEY INFORMATION*
FIELD NOTES
NO. | BY | DATE

*ENGINEER'S SEAL*
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
15781
07/13/09

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 2 | 7/13/09 | AS-BUILTS (ELEVATION INFO) | NM |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

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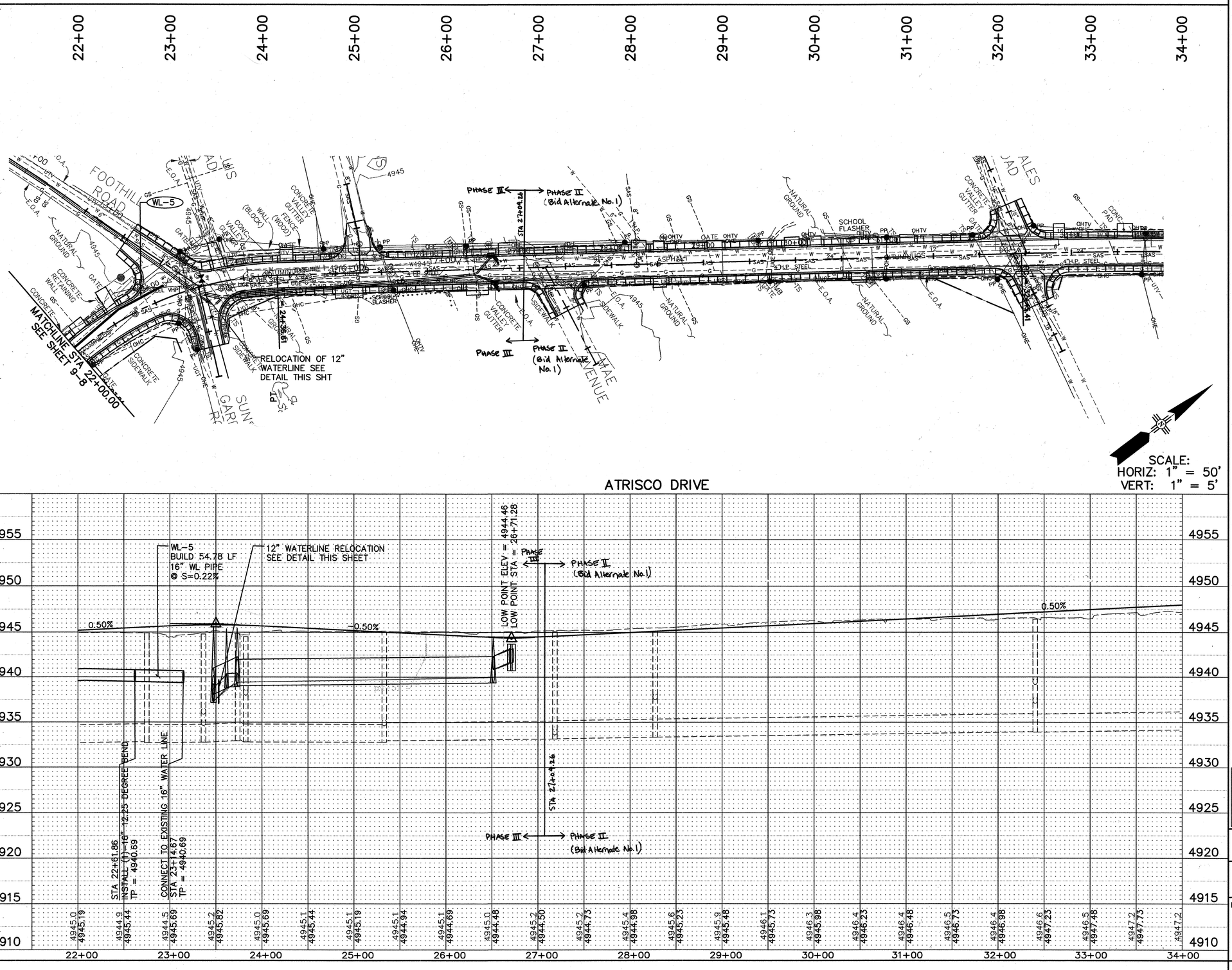
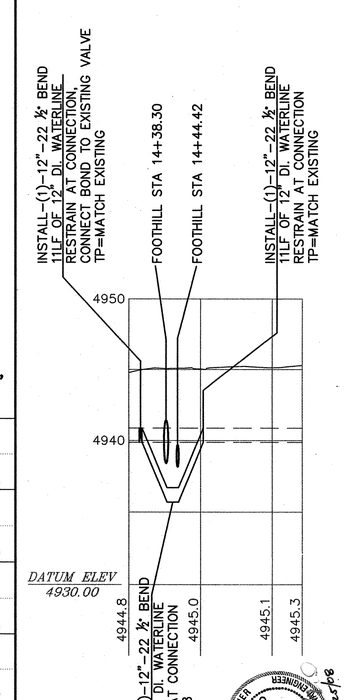



CONSTRUCTION BUILD NOTES
WATER LINE

(WL-5) BUILD 54.78 LF OF 16" WL PIPE @ S=0.22%
CONNECT TO EXISTING 16" WL PIPE
CONTRACTOR SHALL VERIFY AS-BUILT LOCATION OF EXISTING 16" WATER LINE




12" WATERLINE RELOCATION DETAIL
SCALE= 1:1

Notice Of Extended Payment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

BENCH MARKS
THE STA. IS A. ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.32 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: DATE
INSPECTED BY: DATE
ACCEPTANCE BY
FIELD VERIFICATION BY: DATE
DRAWINGS REVISED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

ENGINEER'S SEAL
JEFFREY D. MEIER NEW MEXICO 14504 REGISTERED PROFESSIONAL ENGINEER
8/16/05

| NO. | DATE | REMARKS |
|---|---|---|
| 1 | 8/24/05 | ADDED LIMITS OF PAVING |

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY STAFF DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## WATER LINE PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | 9-8 | |

WILSON & COMPANY

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# POTHOLE INFORMATION

| Pothole # | Station | Offset | Size | Type | Material | Top of pipe |
|---|---|---|---|---|---|---|
| 2 | 10+56.32 | 17.16 | 16" | WL | AC | 60" |
| 4 | 10+73.44 | 5.05 | 2" | GAS | Wrapped Metallic | 47" |
| 5A | | | 1" | UGT | Direct Buried Cable | 67" |
| 5B | | | 2" | GAS | Wrapped Metallic | 52" |
| 6 | 17+94.20 | -5.00 | 16" | WL | Metallic | 37" |
| 8 | 18+06.31 | -2.05 | 2" | GAS | Wrapped Metallic | 32" |
| 9-1A | | | 6" | WL | Cast Iron | 60" |
| 9-1B | | | 2 1/2" | UGT | White PVC | 24" |
| 10 | 18+10.53 | -7.16 | 2" | UGT | Grey PVC | 15" |
| 11 | 18+13.85 | -9.66 | ? | WL | Concrete Kickblock | 58" |
| 12 | 18+16.69 | -11.41 | 30" | WL | Concrete | 40" |
| 13 | 18+39.95 | -29.60 | 1" | UGT | Direct Buried Cable | 31" |
| 14A | | | 12" | WL | AC | 77" |
| 14B | | | 2" | UNKNOWN | Metallic | 39" |
| 19 | 14+44.50 | -0.65 | 2" | GAS | Wrapped Metallic | 27" |
| 20 | 14+82.68 | -6.01 | sas | | | |
| 22 | 14+85.22 | -17.66 | 6" | VHP-GAS | Wrapped Metallic | 38" |
| 24 | 14+85.70 | -14.57 | 16" | WL | AC | 48" |
| 25 | 14+86.71 | -12.74 | 12" | WL | Metallic | 34" |
| 26 | 15+16.55 | -0.96 | 2" | GAS-sevice | Wrapped Metallic | 34" |
| 27 | 16+67.31 | 0.04 | | WL | | |
| 28 | 17+51.41 | 0.03 | 2" | CATV | PVC | 36" |
| 28 | 17+51.41 | 0.03 | 1" | WL-Service | PVC | 32" |
| 29 | 19+12.05 | 0.02 | 1 1/2" | GAS | Wrapped Metallic | 44" |
| 30 | 20+41.21 | 0.00 | 16" | WL | AC | 62" |
| 32A | | | | UGT | White PVC | 28" |
| 33B | | | | UGT | Direct Buried Cable | 26" |
| 32-1 | | | 1 1/2" | GAS | Wrapped Metallic | 44" |
| 33A | | | 16" | WL | AC | 57" |
| 33B | | | 2" | UGT | White PVC | 35" |
| 33C | | | 2" | UGT | Grey PVC | 35" |
| 33D | | | 3/4" | UGT | Direct Buried Cable | 37" |
| 35-1 | | | 5" | GAS | Wrapped Metallic | 41" |
| 36 | 22+07.08 | 4.11 | 16" | WL | AC | 48" |
| 39 | 22+97.75 | 15.81 | 5" | HP-GAS | Wrapped Metallic | 31" |
| 40 | 23+23.48 | 17.55 | | hp-gas | | |
| 41A | | | 5" | GAS | Wrapped Metallic | 33" |
| 41B | | | 2" | GAS | Wrapped Metallic | 27" |
| 42B | | | 16" | WL | Metallic | 96" |
| 44A | | | 5" | GAS | Wrapped Metallic | 28" |
| 44B | | | 2" | GAS | Wrapped Metallic | 48" |
| 45 | 23+55.50 | 20.06 | 12" | WL | Metallic | 44" |
| 47 | 23+97.89 | 14.67 | 5" | HP-GAS | Wrapped Metallic | 38" |
| 48 | 24+50.45 | 18.91 | 4" | UGT | White PVC | 31" |
| 49 | 25+25.02 | 13.91 | | gs | | |
| 49 | | | 5" | GAS | Wrapped Metallic | 26" |
| 50A | | | 5" | GAS | Wrapped Metallic | 21" |
| 50B | | | 4" | UGT? | White PVC | 29" |
| 51 | 25+78.40 | 10.81 | 2" | UGE | Grey PVC | 16" |
| 53 | 26+45.56 | 6.35 | | gs | | |
| 52A | | | 5" | GAS | Wrapped Metallic | 19" |
| 52B | | | 5" | GAS | Wrapped Metallic | 31" |
| 54A | | | 5" | GAS | Wrapped Metallic | 39" |
| 54B | | | 1 1/2" | GAS -Crossing | Wrapped Metallic | 37" |
| 55 | 26+60.22 | -3.1 | | SAS | | |
| 56 | 26+62.59 | 10.72 | 2" | UGE | Grey PVC | 17" |
| 57 | 26+65.15 | 11.69 | 5" | GAS | Metallic | 19" |
| 58 | 26+65.58 | -9.09 | 12" | WL | Metallic | 51" |
| 59 | 26+69.66 | -17.71 | 16" | WL | AC | 35" |
| 60 | 27+09.50 | -2.94 | | sas/wl | | |
| 61 | 27+30.96 | -9.58 | | wl/wl | | |
| 62 | 28+38.76 | -0.37 | 1 3/4" | HP-GAS | Wrapped Metallic | 45" |
| 64 | 30+51.73 | 1.15 | | sas/uge | | |
| 65 | 40+52.08 | 1.14 | | sas/gs | | |
| 64A | | | 2" | UGE | Grey PVC | 19" |
| 64B | | | 5" | GAS | Wrapped Metallic | 42" |
| 69 | 41+00.00 | -6.83 | 16" | WL | AC | 54" |
| 70 | 40+99.95 | -7.45 | 5" | GAS | Wrapped Metallic | 30" |
| 72A | | | 5" | GAS - Main | Wrapped Metallic | 33" |
| 72B | | | 1 1/2" | GAS - Service | Wrapped Metallic | 30" |
| 75A | | | 1" | WL | Copper | 33" |
| 75B | | | 5" | GAS Main | Wrapped Metallic | 35" |
| 77 | 45+79.10 | -9.48 | 14" | GAS | Wrapped Metallic | 26" |
| 77-1 | | | 4" | GAS | Wrapped Metallic | 36" |
| 79 | 46+00.86 | -6.39 | | WL | | |
| 79A | | | 16" | WL | Metallic | 33" |
| 79B | | | 5" | GAS | Wrapped Mettalic | 46" |
| 81A | | | 5" | GAS-Main | Wrapped Metallic | 46" |
| 81B | | | 2" | GAS-Cross | Wrapped Metallic | 43" |
| 82 | 46+60.91 | -5.72 | 1" | WL- Cross | Copper | 29" |
| 83 | 49+36.75 | -11.75 | 8" | SAS | Concrete | 105" |
| 84A | | | 5" | GAS | Wrapped Metallic | 41" |
| 84B | | | 1" | GAS | Wrapped Metallic | 40" |
| 84C | | | 2" | GAS | Wrapped Metallic | 36" |
| 84D | | | 5" | GAS | Wrapped Metallic | 42" |
| 88 | 50+31.84 | -15.21 | 5" | GAS | Wrapped Metallic | 35" |
| 89 | 50+36.87 | -14.82 | - | GAS | - | - |
| 90 | 50+40.00 | -4.07 | | WL | | |
| 90A | | | 16" | WATER | Wrapped Metallic | 55" |
| 90B | | | 4" | UNKNOWN | Metallic | 44" |
| 92-1 | | | 5" | GAS | Wrapped Metallic | 30" |
| 93A | | | 2" | UGT | Conduit | 32" |
| 93B | | | 1/2" | UGT | Direct Buried Cable | 33" |
| 94 | 15+51.30 | -17.83 | 6" | VHP-GAS | Wrapped Metallic | 40" |
| 95 | 17+23.04 | -13.35 | 6" | VHP-GAS | Wrapped Metallic | 41" |
| 96A | | | 6" | GAS | Wrapped Metallic | 41" |
| 96-1 | | | 16" | WL | AC | 51" |
| 98 | 20+55.04 | -4.63 | 2" | CATV | PVC | 36" |
| 99 | 22+91.63 | -12.42 | | ugtv | | |

* Note - Stationing & Offset for Potholes 2 thru 13 is relative to Hooper centerline, where all others are relative to Atrisco centerline. Stationing & Offset locations are not given for various potholes where horiztontal location was not known. These potholes are therefore not shown on the Ex. Utility Sheets, but can be located on the Storm Drain and Water Line Plan & Profile Sheets.

## UTILITY CONTACT LIST:

**PNM ELECTRIC**

MARK A. BOUCHARD, MS-ES61
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e-MAIL: mboucha@pnm.com
4201 EDITH BLVD. NE
ALBUQUERQUE NM 87107

**PNM GAS**

JEFF ROMANOWSKI
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e-MAIL: jromano@pnm.com
4625 EDITH BLVD. NE
ALBUQUERQUE NM 87107

**QWEST - TELECOMMUNICATIONS**

DAVID MULLER
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e-MAIL: dmuller@qwest.com
201 3RD ST. NW
ALBUQUERQUE NM 87102
PH (505) 245-6587
MARY ANN JOJOLA

**COA -STORM DRAINAGE**

DAN HOGAN
PH (505) 768-2778
e-MAIL: dhogan@cabq.gov
MANAGER, STORM DRAINAGE DESIGN
P.O. BOX 1293
ALBUQUERQUE NM 87103

**COMCAST - CABLE TV**

RITA ERICKSON
PH (505) 761-6235
e-MAIL: rita_erickson@cable.comcast.com
4611 MONTBEL PL NE
ALBUQUERQUE NM 87107
e-MAIL: mike_mortus@cable.comcast.com
MIKE MORTUS
PH (505) 761-6252

**(CITY OF ALBUQUERQUE)**
**COA - WATER & SAS**

GREG OLSON
PH (505) 768-2719
e-MAIL: golson@cabq.gov
PRINCIPAL ENGINEER, UTILITY DEVELOPMENT
P.O. BOX 1293
ALBUQUERQUE NM 87103

WARNING - ALL EXISTING UTILITY LINE LOCATIONS THAT ARE SHOWN ON THESE PLANS ARE DONE IN A "BEST APPROXIMATION OF ACTUAL" MANNER ONLY, AND SOME UTILITY LINES MAY EXIST WHERE NONE ARE NOW CURRENTLY SHOWN. THE LOCATIONS OF ANY SHOWN EXISTING UTILITY LINES ARE BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. SUCH LOCATIONS OF UTILITY LINES ARE SUPPLEMENTED BY THE POTHOLE LOCATING INFORMATION GIVEN ON THIS SHEET.

NOTWITHSTANDING THE POTHOLE LOCATING INFORMATION ON THIS SHEET, THE ENGINEER HAS NOT UNDERTAKEN A FULL COMPLETE FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE , IDENTIFY , AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION , WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH THE STATE'S "ONE-CALL" PROCEDURES, OR OTHERWISE.

**Notice Of Extended Pay ment Provision**

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

*SURVEY INFORMATION*
FIELD NOTES
NO. | BY | DATE

*BENCH MARKS*
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*
CONTRACTOR
WORK STAKED BY: DATE
INSPECTORS NOTIFICATIONS BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY: DATE
*MICRO-FILM INFORMATION*
RECORDED BY
NO. DATE

*ENGINEER'S SEAL*
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 15781

*REVISIONS*
NO. | DATE | REMARKS | BY

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY EEA DATE 2004
DRAWN BY DAP DATE 2004
CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
## UTILITY INFORMATION SHEET

Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. COA 5337-02 | Zone Map No. K-12 | Sheet 10-1 Of

WILSON & COMPANY

Sheet 64 Of 67

51/53

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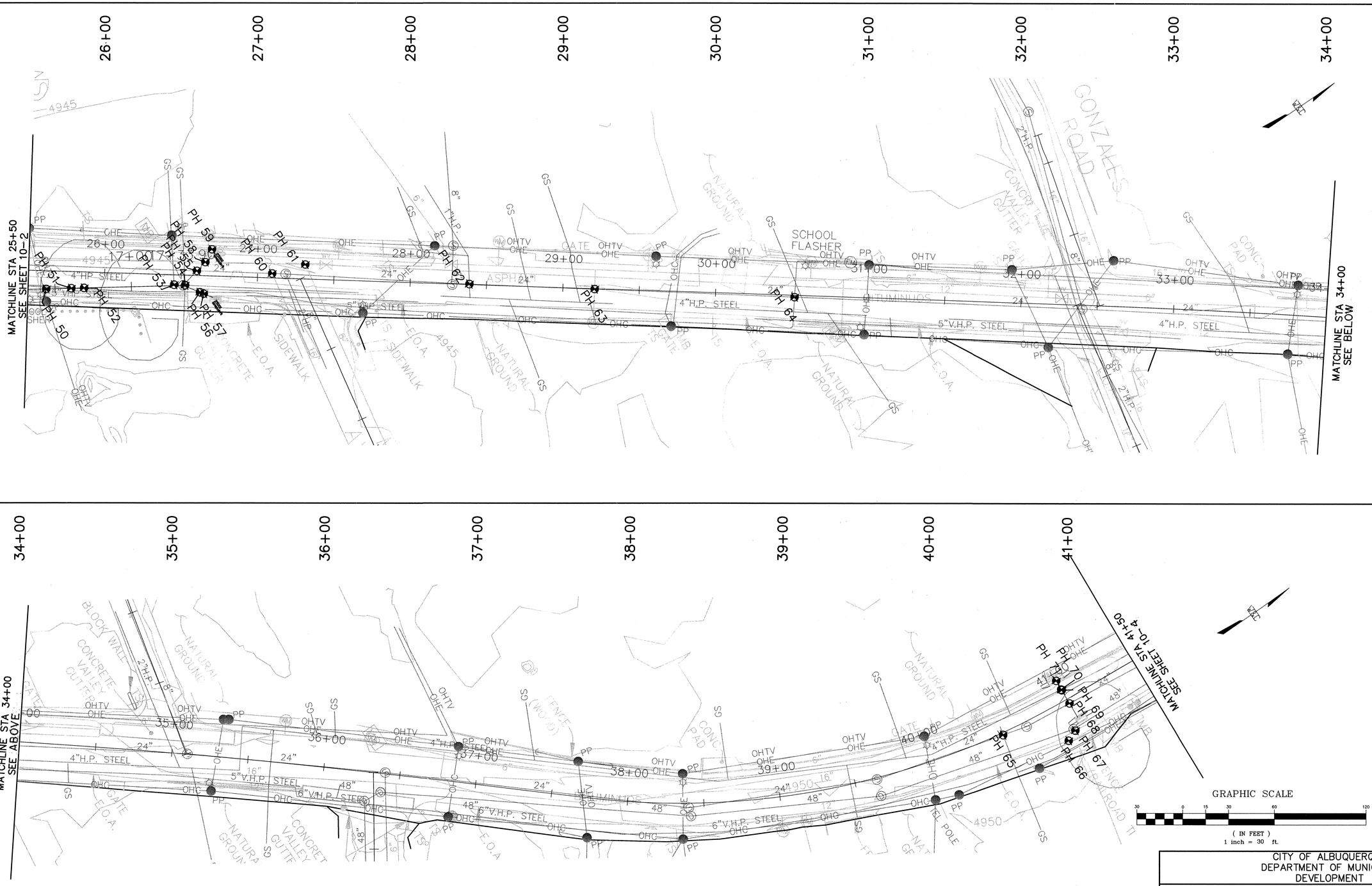


Notice Of Extended Pay ment Provision

This Contract allows the Owner to make payment within 45 days after submission of an undisputed request for payment.

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

BENCH MARKS

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AS-BUILT INFORMATION

CONTRACTOR
WORK STARTED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS COMPLETED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS REVISIONS | BY |
|---|---|---|---|

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | | |
|---|---|---|---|
| DESIGNED BY | EEA | DATE | 2004 |
| DRAWN BY | STAFF | DATE | 2004 |
| CHECKED BY | EEA | DATE | 2004 |

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ATRISCO DRIVE CORRIDOR IMPROVEMENTS
EX. UTILITY SHEETS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE | APPROVED DEC 20 2004 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 5337-02 | K-12 | 10-3 | |

WILSON & COMPANY

Sheet 66 Of 67

52/53

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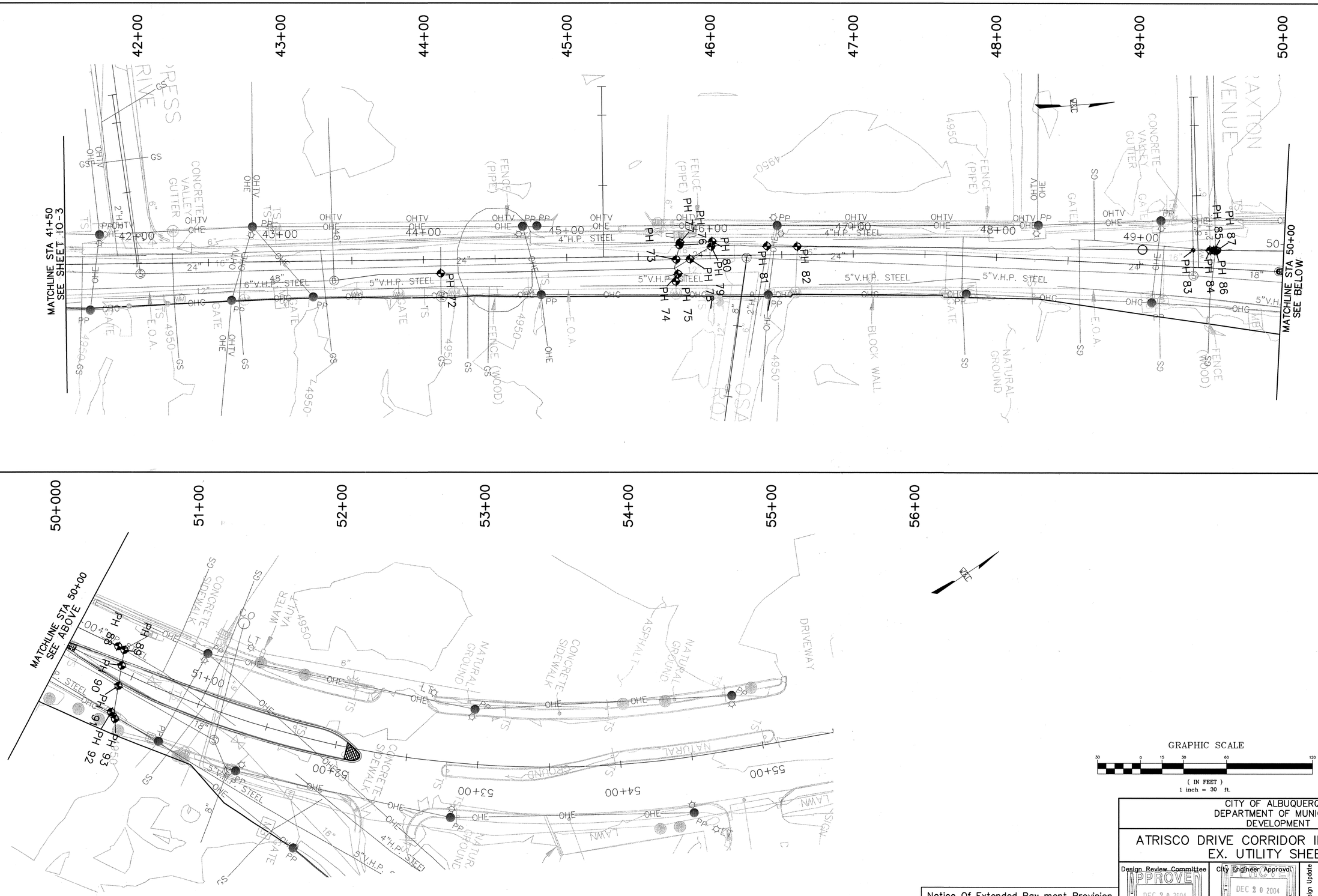


GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.

## SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

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## AS-BUILT INFORMATION

CONTRACTOR

WORK ACCEPTED BY — DATE

ASPECTS ACCEPTANCE BY — DATE

FIELD VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

ENGINEER'S SEAL

NEW MEXICO 15781 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY EEA DATE 2004

DRAWN BY STAFF DATE 2004

CHECKED BY EEA DATE 2004

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

# ATRISCO DRIVE CORRIDOR IMPROVEMENTS
# EX. UTILITY SHEETS

Notice Of Extended Pay ment Provision

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Design Review Committee: APPROVED DEC 20 2004 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 20 2004 CITY ENGINEER

Last Design Update: Mo./Day/Yr. —— Mo./Day/Yr. ——

City Project No. 5337-02

Zone Map No. K-12

Sheet Of 10-4

WILSON & COMPANY

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53/53

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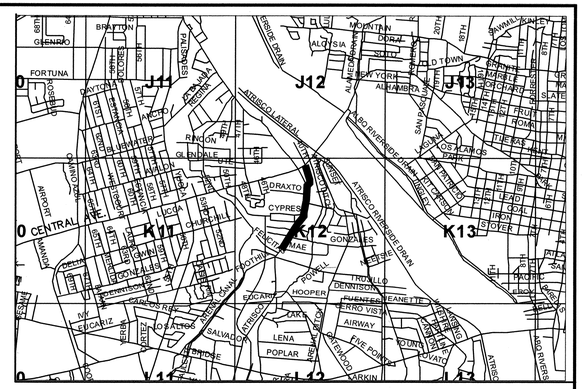
# CONSTRUCTION PLANS
# FOR
# ATRISCO DRIVE S.W. CORRIDOR IMPROVEMENTS

# WATERMAIN REPLACEMENT




VICINITY MAP
ZONE ATLAS MAP NO. K-12-Z

## INDEX

| SHEET NO. | DESCRIPTION |
|---|---|
| W1 | COVER SHEET |
| W2 | GENERAL NOTES |
| W3 | LEGEND |
| W4 | GEOMETRIC AND HORIZONTAL CONTROL |
| W5 | WATER SHUTOFF PLAN |
| W6 | WATERLINE THRUST RESTRAINT DETAILS |
| W7–W10 | WATERMAIN PLAN & PROFILES |
| W11 | WATERMAIN DETAIL PLANS |
| W11a | AS-BUILT NOTES |

**CERTIFICATION:**
THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH THE INFORMATION FURNISHED BY CONSTRUCTION, CONTRACTING & MANAGEMENT, INC. TO REFLECT THE CONSTRUCTION AS ACTUALLY ACCOMPLISHED.

DEREK D. MEIER NEW MEXICO 14504 REGISTERED PROFESSIONAL ENGINEER 1/29/09

WILSON & COMPANY, INC.
RECORD DRAWINGS

| REV | SHEETS | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
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| | | | | | | | |

ENGINEERS STAMP & SIGNATURE

KEITH A. REED NEW MEXICO 13304 LICENSED PROFESSIONAL ENGINEER 11-17-08

| APPROVALS | ENGINEER | DATE |
|---|---|---|
| DRC Chairman | | |
| Transportation | | |
| Water/Wastewater | | |
| Hydrology | | |
| Parks | | |
| Constr. Mngmt. | | |
| Constr. Coord. | | |

APPROVED FOR CONSTRUCTION

City Engineer Date

**City Project No.** COA 5337-02

Sheet W1 Of 11


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


WCEA FILE NO. 0710022100

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## GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION, REVISION 7.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM INC., (260-1990), FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL ALSO CALL TRAFFIC ENGINEERING AT 857-8000 FOR LOCATION OF TRAFFIC INTERCONNECT WIRING AND OTHER TRAFFIC SIGNAL EQUIPMENT.

3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE COMPLETED ONLY BY THE COUNTY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE ANEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

4. THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT OF WAY LIMITS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.

5. THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES INCLUDING IRRIGATION BOTH PUBLIC & PRIVATE. IT SHALL BE HIS/HER RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS/HER RESPONSIBILITY TO PROTECT AND PRESERVE ALL UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD HE/SHE BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES HE/SHE SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.

6. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.

7. THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.

8. IF IT BECOMES NECESSARY THE CONTRACTOR SHALL COORDINATE WITH PNM ELECTRIC FOR ANY UNFORESEEN CONFLICTS, AS RELOCATIONS SHOULD BE COMPLETE PRIOR TO CONSTRUCTION. CALL JIM HILL (241-3581).

9. THE CONTRACTOR SHALL NOTIFY WATER UTILITY DIVISION OF PUBLIC WORKS (PH. 857-8200) AND THE CITY OF ALBUQUERQUE FIRE DEPARTMENT AT LEAST FIVE (5) WORKING DAYS IN ADVANCE OF ANY DAY THAT FIRE HYDRANTS WILL BE TAKEN OUT OF AND RETURNED TO SERVICE. REFER TO SECTION 18 (GENERAL CONDITONS) OF SPECIFICATIONS.

10. THE CONTRACTOR SHALL FIELD VERIFY ALL WATERLINE CONNECTIONS TO EXISTING FACILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO ALLOW OBTAINING CORRRECT ADAPTERS AND OTHER FITTINGS.

11. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVE PADS, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER COA STANDARDS AT THEIR OWN EXPENSE.

12. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT IN A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. PRIOR TO LAYING NEW PAVEMENT, THE EXPOSED EXISTING ASPHALT EDGE SHALL BE TACK COATED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PLACEMENT OF HE PAVEMENT.

13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS IN AN ENVIRONMENTALLY ACCEPTABLE MANNER. ALL SALVAGED MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH SECTION 801.15 OF THE STANDARD SPECIFICATIONS.

14. LIMITATION ON COMPACTION EQUIPMENT: THE CONTRACTOR SHALL BE RESTRICTED TO A 35 TON (MAXIMUM) NON-VIBRATORY ROLLER FOR COMPACTION IN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR PERMANENT STRUCTURES AS REQUIRED AND APPROVED BY THE PROJECT MANAGER.

15. TEMPORARY WATER SERVICE IS TO BE PROVIDED FOR ANY RESIDENCE, SCHOOL OR BUSINESS WHICH WILL BE OUT OF SERVICE FOR MORE THAN FOUR HOURS.

16. THE CONTRACTOR SHALL MAINTAIN ALL TRENCHES IN A SAFE CONDITION PROTECTING THE WORKERS AND THE GENERAL PUBLIC. TRENCH PROTECTION SHALL BE IN ACCORDANCE WITH O.S.H.A. 29CFR 1926.650 SUBPART P. EXCAVATIONS SHALL BE SLOPED, BRACED OR SHORED AS REDQUIRED BY O.S.H.A. REGULATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY, AND FOR KNOWLEDGE AND COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS. NO ADDITIONAL COMPENSATION WILL BE MADE THEREFORE.

17. ALL OPEN EXCAVATIONS SHALL BE BACKFILLED OR ADDEQUATELY FENCED AT THE END OF EACH WORK DAY TO PREVENT SMALL CHILDREN AND/OR VEHHICLES FROM ENTERING THE EXCAVATIONS. ALL OPEN EXCAVATIONS SHALL VE BACKFILLED OER DWEEKENDS AND WHEM THE CONTRACTOR IS NOT WORKING THE FOLLOWING DAY.

18. LOCATIONS OF PIPES AND OTHER UTILITIES ARE ESTIMATED. CONTRACTOR TO ADJUST ELEVATION OF NEW WATER LINE DURING CONSTRUCTION TO MISS THESE UTILITIES. CONTRACTOR TO MARK THEIR EXACT LOCATION ON THE AS-BUILT DRAWINGS AS THEY ARE ENCOUNTERED.

19. WATER SERVICE LINES LOCATED IN PRESSURE ZONES OW, IW, AND IE THAT ARE TO BE REPLACED SHALL HAVE A DUAL CHECK VALVE INSTALLED ON THEM INSIDE THE METER BOX. THIS APPLIES TO THE FOLLOWING STREETS/AREAS ON THIS PROJECT: ALL

20. UNSUITABLE MATERIAL: IF UNSUITABLE MATERIAL OCCURS THE REMOVAL AND DISPOSAL, INCLUDING HAULING, OF SUCH UNSUITABLE MATERIAL, AS DESCRIBED IN SECTION 202 EXCAVATION OF THE COA STANDARD SPECIFICATIONS, WILL BE PAID FOR UNDER THE ITEM 202.010 EXCAVATE AND DISPOSE OF UNSUITABLE MATERIAL, COMPLETE.

21. EARTHWORK: EARTHWORK (EXCEPT UNSUITABLE MATERIAL, SEE NOTE 20) FOR THIS PROJECT SHALL BE PAID AS PER SECTION 202 ROADWAY EXCAVATION, NAMELY 202.8 SELECT MATERIAL AND 202.7 SURPLUS MATERIAL, OF THE COA STANDARD SPECIFICATIONS AND BID ITEMS 202.011 EXCAVATE AND DISPOSE OF UNCLASSIFIED MATERIAL, COMPLETE; 202.012 EXCAVATION, PLACEMENT, AND COMPACTION OF SELECT MATERIAL, CIP. HAULING IS CONSIDERED AS INCLUDED IN THESE ITEMS AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE. SURPLUS UNCLASSIFIED MATERIAL SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE PROJECT ENGINEER AS PER SECTION 202.7 SURPLUS MATERIAL OF THE COA STANDARD SPECIFICATIONS. IF THE CONTRACTOR CHOOSES AN ALTERNATE CONSTRUCTION PHASING PLAN OTHER THAN THE ONE DETAILED IN THESE PLANS, THE CONTRACTOR SHALL DEVELOP AN EARTHWORK PHASING PLAN DETAILING CUT AND FILL, SURPLUS, STOCKPILING (IF REQUIRED), AND BORROW (IF REQUIRED) AND SUBMIT IT TO THE PROJECT ENGINEER TWO (2) WEEKS PRIOR TO BEGINNING EARTHWORK OPERATIONS. ANY ADDITIONAL COST FOR THE ALTERNATE PLAN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. BERNALILLO COUNTY WILL MAKE NO ADDITIONAL MEASUREMENT OR PAYMENT.

22. REMOVALS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS AT THE LOCATIONS WITHIN THE LIMITS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR THE ITEMS LISTED UNDER THE REMOVALS SECTION OF THE BID SCHEDULE AND ANY OTHER "REMOVE AND DISPOSE" ITEMS LISTED IN THE BID SCHEDULE. HAULING OF REMOVALS AND DISPOSED MATERIAL SHALL BE CONSIDERED AS INCIDENTAL TO THE PROJECT.

23. MAINTENANCE OF AS-BUILT PLANS: THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

24. CLEANING OF STRUCTURES: STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

## GENERAL NOTES CONTINUED

25. VIBRATION MONITORING AND VIDEO TAPING: VIBRATION MONITORING AND VIDEO TAPING SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES AS DEFINED IN THIS GENERAL NOTE AND AS DIRECTED BY THE PROJECT MANAGER. "STRUCTURES" IS DEFINED AS BRIDGES, CULVERTS, CATCH BASINS, DROP INLETS, RETAINING WALLS, CRIBBING, MANHOLES, ENDWALLS, BUILDINGS, SEWERS, SERVICE PIPES, UNDER DRAINS, FOUNDATION DRAINS, AND OTHER SUCH FEATURES THAT MAY BE ENCOUNTERED IN THE WORK. THE CONSTRUCTION AREA AND AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION SHALL ALSO BE VIDEO TAPED. VIBRATION MONITORING, VIDEO-TAPING, AND RELATED WORK SHALL BE PERFORMED ACCORDING TO THE SPECIFICATIONS INCLUDED IN THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS OF THE CONTRACT BOOK AND PAID FOR AT THE LUMP SUM CONTRACT PRICE FOR ITEM 1600.001 VIBRATION MONITORING, COMPLETE.

26. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY. GRAFFITI REMOVAL IS CONSIDERED INCIDENTAL TO THE PROJECT.

27. CONTRACTOR SHALL NOT OPERATE VALVES OR ISOLATE ANY PORTION OF THE WATER DISTRIBUTION, COLLECTOR, OR TRANSMISSION SYSTEM. SEVEN (7) WORKING DAYS PRIOR TO ANY WORK ON THE EXISTING PUBLIC WATER UTILITIES, THE CONTRACTOR SHALL CONTACT THE WATER UTILITY DIVISION AND SUBMIT A PERMIT FOR A WATER SHUT-OFF OR TURN-ON.
SEE SECTION 18 OF : THE STANDARD SPECIFICATIONS".

28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. AT LEAST FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLIMITATION OF THE NON-PRESSURIZED CONNECTION PLAN.

29. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS QWN EXPENSE, ALL PERMITS NECCESSARY FOR CONSTRUCTION.

30. CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT AND NECESSARY PERSONAL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PERMATORELY.

31. THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 14 FEET FROM THE EDGE OF DRIVING LANE. THE CONTRACTOR SHALL NOT STORE EQUIPMENT AND/OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERTY SHELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHEILDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN INSTALLATION, AND REMOVAL OF SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT NO SEPERATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

32. THOUGHOUT THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL MEDIA INFORMED OF CONSTRUCTION ACTIIUITIES WHICH WILL IMPEDE THE NORMAL FLOW OF TRAFFIC.

SURVEY INFORMATION
FIELD NOTES

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NO.

ENGINEER'S SEAL
KEITH A. REED — NEW MEXICO — 11/17/07 — LICENSED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

Water Utility Authority
ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
GENERAL NOTES

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337-02 | Zone Map No. K-12 | Sheet W2 Of 11

WILSON & COMPANY

# LEGEND

## EXISTING

- SAS — SANITARY SEWER
- WL — WATER LINE
- G — GAS LINE
- SD — STORM DRAIN
- T — TELEPHONE LINE
- UT — UNDERGROUND TELEPHONE LINE
- UE — UNDERGROUND ELECTRICAL LINE
- TC — TRAFFIC SIGNAL CONDUIT
- CURB & GUTTER
- TELEPHONE BOX
- MANHOLE
- WATER VALVE
- WM — WATER METER
- SAS SERVICE W/ CAP
- STORM INLET
- FIRE HYDRANT
- PP — POWER POLE
- PB — PULL BOX
- LIGHT POLE
- TREE/SHRUB
- 5094 — INTERMEDIATE CONTOUR
- 5095 — INDEX CONTOUR
- PAVEMENT REMOVAL

## PROPOSED

- SAS — SANITARY SEWER
- W — WATER LINE
- G — GAS LINE
- SD — STORM DRAIN
- ELECTRICAL CONDUIT
- WHEELCHAIR RAMP
- CROWN REDUCTION
- SIDEWALK
- FOC / EOP — FACE OF CURB / EDGE OF PAVEMENT
- CENTER LINE
- MANHOLE
- WATER VALVE
- WATER SERVICE
- SAS SERVICE W/ CAP
- STORM INLET
- FIRE HYDRANT
- LIGHT POLE

AS-BUILT INFORMATION

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| | | |

ENGINEER'S SEAL

KEITH A. REED — NEW MEXICO — 13301 — PROFESSIONAL ENGINEER — LICENSED PROFESSIONAL SURVEYOR — 11/17/08

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | KAR | DATE NOV. 08 |
| DRAWN BY | STAFF | DATE NOV. 08 |
| CHECKED BY | KAR | DATE NOV. 08 |

Water Utility Authority

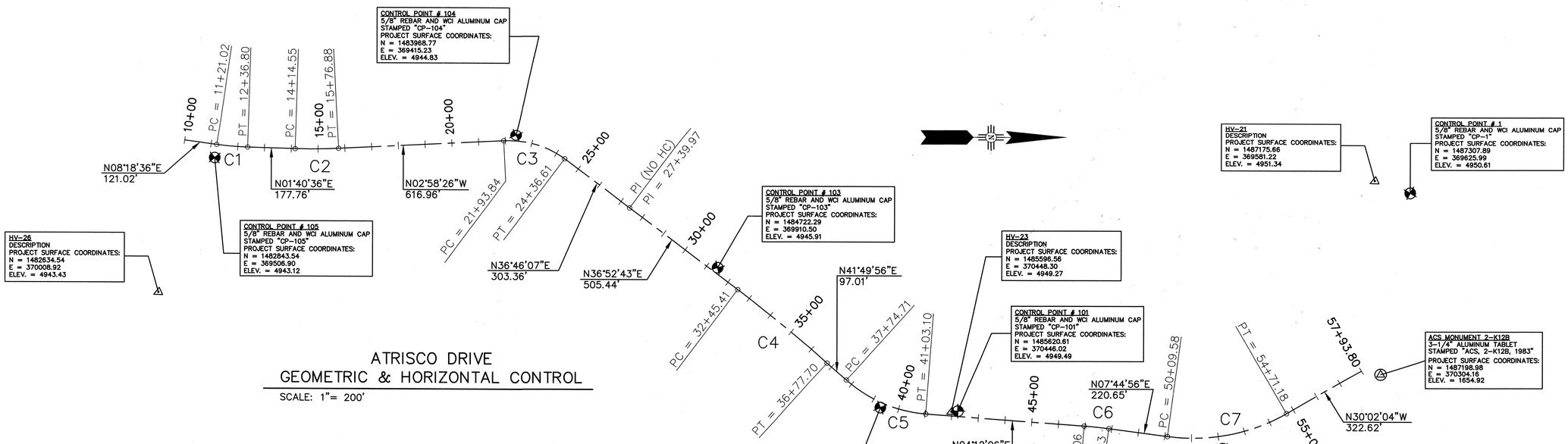
ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
LEGEND

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | W3 | 11 |

WILSON & COMPANY




## ATRISCO DRIVE
## GEOMETRIC & HORIZONTAL CONTROL

SCALE: 1"= 200'

| CENTERLINE OF CONSTRUCTION ATRISCO DRIVE | | | | | PROJECT GROUND COORDINATES (FT) | |
|---|---|---|---|---|---|---|
| REF. | DESCRIPTION | STATION | BEARING | DISTANCE | NORTHING | EASTING |
| 3-2 | BOP | 10+00.00 | | | 1482731.3875 | 369438.9337 |
| 3-2 | COURSE FROM BOP (NO HRZ. CURVE) TO PC CURVE NO. 1 | | N08°18'36"E | 121.02' | | |
| 3-2 | PC CURVE NO. 1 | 11+21.02 | | | 1482851.1415 | 369456.4250 |
| 3-2 | PI CURVE NO. 1 | 11+78.98 | | | 1482908.4839 | 369464.8004 |
| 3-2 | PT CURVE NO. 1 | 12+36.80 | | | 1482966.4100 | 369466.4960 |
| 3-2 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 2 | | N01°40'36"E | 177.76' | | |
| 3-2 | PC CURVE NO. 2 | 14+14.55 | | | 1483144.0910 | 369471.6968 |
| 3-2 | PI CURVE NO. 2 | 14+95.76 | | | 1483225.2654 | 369474.0729 |
| 3-2 | PT CURVE NO. 2 | 15+76.88 | | | 1483306.3653 | 369469.8598 |
| 3-2 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 3 | | N02°58'26"W | 616.96' | | |
| 3-2 | PC CURVE NO. 3 | 21+93.84 | | | 1483922.4931 | 369437.8526 |
| 3-3 | PI CURVE NO. 3 | 23+20.34 | | | 1484048.8221 | 369431.2900 |
| 3-3 | PT CURVE NO. 3 | 24+36.61 | | | 1484150.1556 | 369507.0106 |
| 3-3 | COURSE FROM PT (NO HRZ. CURVE) TO PI POINT | | N36°46'07"E | 303.36' | | |
| 3-3 | PI NO HRZ. CURVE | 27+39.97 | | | 1484393.1617 | 369688.5950 |
| 3-3 | COURSE FROM PI (NO HRZ. CURVE) TO PC CURVE NO. 4 | | N36°52'43"E | 505.44' | | |
| 3-3 | PC CURVE NO. 4 | 32+45.41 | | | 1484797.4691 | 369991.9209 |
| 3-4 | PI CURVE NO. 4 | 34+61.69 | | | 1484970.4745 | 370121.7157 |
| 3-4 | PT CURVE NO. 4 | 36+77.70 | | | 1485131.6258 | 370265.9649 |
| 3-4 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 5 | | N41°49'56"E | 97.01' | | |
| 3-4 | PC CURVE NO. 5 | 37+74.71 | | | 1485203.9057 | 370330.6639 |
| 3-4 | PI CURVE NO. 5 | 39+45.07 | | | 1485330.8429 | 370444.2874 |
| 3-4 | PT CURVE NO. 5 | 41+03.10 | | | 1485500.7474 | 370456.7697 |
| 3-4 & 3-5 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 6 | | N04°12'06"E | 592.96' | | |
| 3-5 | PC CURVE NO. 6 | 46+96.06 | | | 1486092.1174 | 370500.2154 |
| 3-5 | PI CURVE NO. 6 | 47+42.51 | | | 1486138.4383 | 370503.6184 |
| 3-5 | PT CURVE NO. 6 | 47+88.93 | | | 1486184.4599 | 370509.8807 |
| 3-5 | COURSE FROM PT (NO HRZ. CURVE) TO PC CURVE NO. 7 | | N07°44'56"E | 220.65' | | |
| 3-5 | PC CURVE NO. 7 | 50+09.58 | | | 1486403.0947 | 370539.6310 |
| 3-5 | PI CURVE NO. 7 | 52+49.12 | | | 1486640.4558 | 370571.9294 |
| 3-5 | PT CURVE NO. 7 (END CL STATIONING) | 54+71.18 | | | 1486847.8390 | 370452.0310 |

| CURVE TABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | EXTERNAL | MID-ORD | DOC |
| C1 | 115.77' | 1000.00' | 57.95' | 06° 38'00" | 1.68' | 1.67' | 5 °43'46" |
| C2 | 162.33' | 2000.00' | 81.21' | 04° 39'01" | 1.65' | 1.65' | 2 °51'53" |
| C3 | 242.77' | 350.00' | 126.50' | 39° 44'33" | 22.16' | 20.84' | 16° 22'13" |
| C4 | 432.29' | 5000.00' | 216.28' | 04° 57'13" | 4.68' | 4.67' | 1 °08'45" |
| C5 | 328.39' | 500.00' | 170.36' | 37° 37'50" | 28.23' | 26.72' | 11 °27'33" |
| C6 | 92.86' | 1500.00' | 46.45' | 03° 32'49" | 0.72' | 0.72' | 3 °49'11" |
| C7 | 461.61' | 700.00' | 239.55' | 37° 46'59" | 39.85' | 37.71' | 8 °11'06" |

NOTE:
THE HORIZONTAL COORDINATE SYSTEM IS LOCAL, GROUND MODIFIED FROM NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1927. ELEVATIONS SHOWN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. THE COMBINED SCALE FACTOR FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES IS 0.999682746

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
SETH A. REED — NEW MEXICO — 15081 — REGISTERED PROFESSIONAL ENGINEER — 11-17-04

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR — DATE NOV. 08
DRAWN BY STAFF — DATE NOV. 08
CHECKED BY KAR — DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
GEOMETRIC & HORIZONTAL CONTROL

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | W4 | 11 |

WILSON & COMPANY

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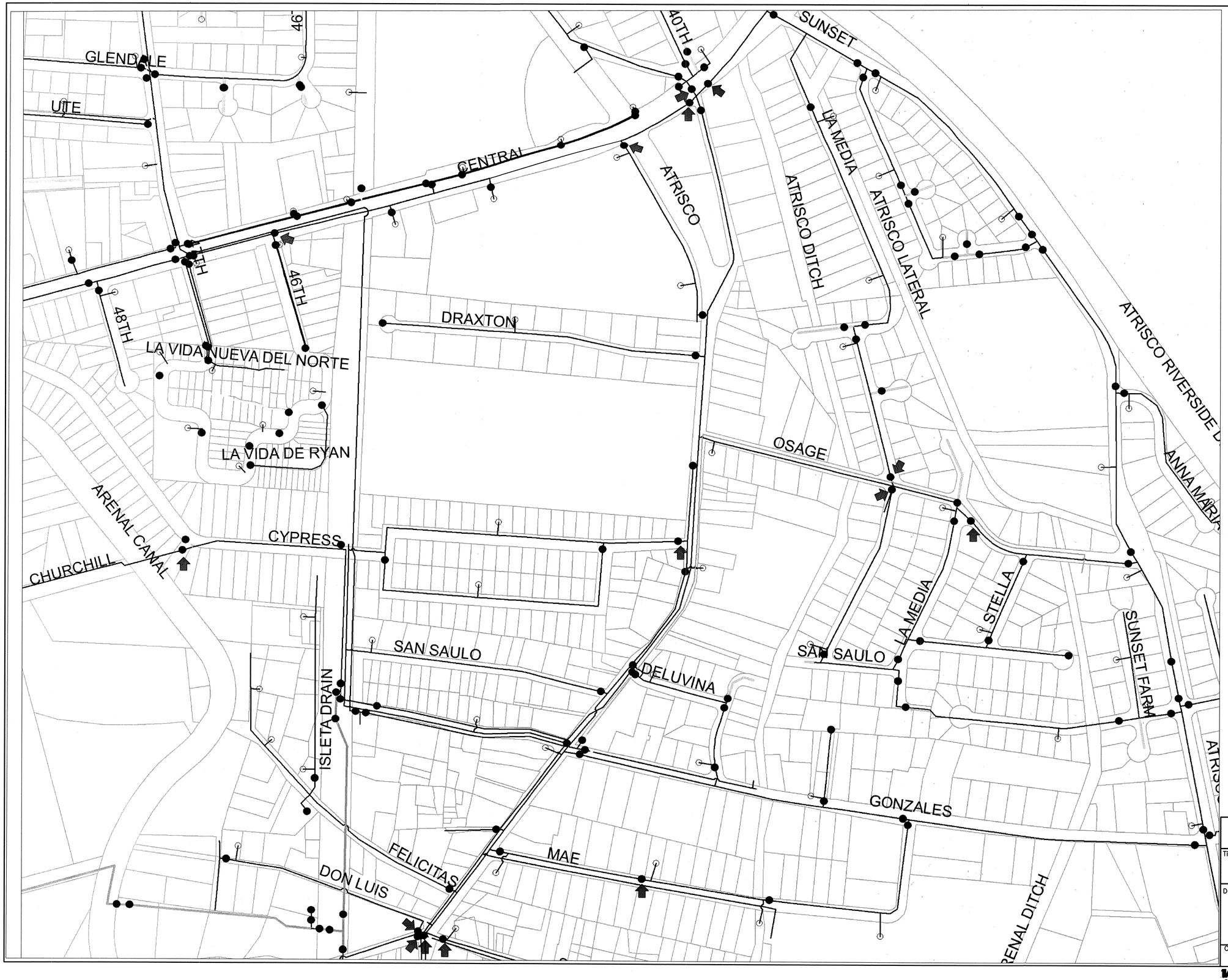



1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUT-OFF. AT LEAST (7) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF THE NON-PRESSURIZED CONNECTION PLAN.

LEGEND

WATER VALVE TO BE SHUT OFF DURING INSTALLATION/CONNECTION OF NEW WATER LINE.

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS, 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*AS-BUILT INFORMATION*

| | |
|---|---|
| CONTRACTOR | |
| WORK STAKED BY | DATE |
| CONSTRUCTION ACCEPTANCE BY | DATE |
| VERIFICATION BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| RECORDED BY | DATE |
| NO. | |

*MICRO-FILM INFORMATION*

*ENGINEER'S SEAL*

KEITH A. REED, NEW MEXICO, 11-17-08, LICENSED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | *REVISIONS* | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS

| | | |
|---|---|---|
| DESIGNED BY | KAR | DATE NOV. 08 |
| DRAWN BY | STAFF | DATE NOV. 08 |
| CHECKED BY | KAR | DATE NOV. 08 |

ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATER VALVE SHUT-OFF PLAN

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | W5 | 11 |

WILSON & COMPANY

# MECHANICALLY RESTRAINED JOINT DETAILS

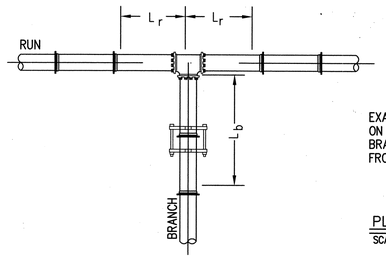
## TEES – PVC PIPE

| Nom. Pipe Size | Branch Size 6" | | | | Branch Size 8" | | | | Branch Size 10" | | | | Branch Size 12" | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' |
| | Restrained Length $L_b$, Feet for a Specified $L_r$ | | | | | | | | | | | | | | | |
| 6" | 46' | 21' | 1' | 1' | 76' | 56' | 36' | 17' | 101' | 85' | 69' | 53' | 128' | 114' | 100' | 86' |
| 8" | 36' | 4' | 1' | 1' | 67' | 42' | 16' | 1' | 94' | 73' | 52' | 31' | 120' | 103' | 85' | 67' |
| 10" | 26' | 1' | 1' | 1' | 58' | 27' | 1' | 1' | 85' | 59' | 34' | 8' | 113' | 90' | 68' | 46' |
| 12" | 17' | 1' | 1' | 1' | 49' | 13' | 1' | 1' | 77' | 47' | 17' | 1' | 105' | 79' | 53' | 26' |

## TEES – DUCTILE IRON PIPE

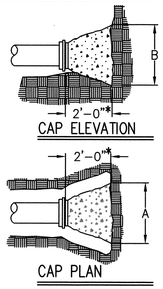
| Nom. Pipe Size | Branch Size 6" | | | | Branch Size 8" | | | | Branch Size 10" | | | | Branch Size 12" | | | | Branch Size 16" | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' |
| | Restrained Length $L_b$, Feet for a Specified $L_r$ | | | | | | | | | | | | | | | | | | | |
| 16" | 1' | 1' | 1' | 1' | 22' | 1' | 1' | 1' | 40' | 15' | 1' | 1' | 59' | 36' | 14' | 1' | 94' | 76' | 58' | 41' |

FJO: Restraint required at Fitting Joint Only
$L_r$ = Length of Pipe along the run that is free of Joints

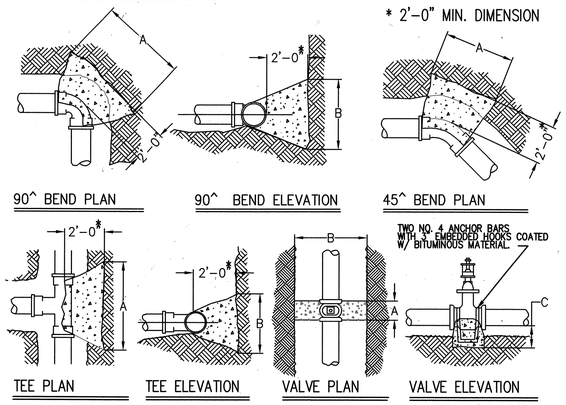



EXAMPLE: FOR AN 8" PVC RUN WITH $L_r$ = 5 FEET ON AN 8" TEE, RESTRAIN ALL JOINTS ON THE PVC BRANCH THAT ARE LESS THAN 67 FEET FROM THE FITTING JOINT ALONG THE BRANCH.

PLAN VIEW
SCALE: NTS




# THRUST BLOCK DETAILS




BEARING SURFACE AGAINST UNDISTURBED EARTH. – MINIMUM DIMENSIONS

| NOM. PIPE SIZE | 90^ ELBOW | | 45^ ELBOW | | TEES, PLUGS, CAPS, | |
|---|---|---|---|---|---|---|
| | A | B | A | B | A | B |
| 6" | 2' – 0" | 2' – 0" | 2' – 0" | 2' – 0" | 2' – 6" | 2' – 6" |
| 8" | 3' – 0" | 3' – 0" | 2' – 0" | 2' – 0" | 2' – 6" | 2' – 6" |
| 10" | 3' – 6" | 3' – 6" | 3' – 0" | 3' – 0" | 3' – 0" | 3' – 0" |
| 12" | 4' – 0" | 4' – 0" | 3' – 6" | 3' – 6" | 3' – 6" | 3' – 6" |
| 16" | | | | | | |

| VALVES | | | |
|---|---|---|---|
| | A | B | C |
| 6" | 0' – 8" | 2' – 6" | 0'–8" |
| 8" | 0' – 9" | 2' – 8" | 0'–8" |
| 10" | 0' – 10" | 2' –10" | 0'–8" |
| 12" | 0' – 10" | 3' – 0" | 0'–8" |
| 16" | | | |

22½^ AND 11¼^ ELBOW USE A=2' AND B=2' FOR ALL NOMINAL PIPE SIZES 12" OR LESS.

BLOCKING SHALL BE PLACED AGAINST UNDISTURBED EARTH ONLY. FOR DISTURBED EARTH USE TIE RODS PLUS CONCRETE BLOCKING.

THE "B" DIMENSION FOR VALVES IS BASED ON THE RECOMMEND TRENCH WIDTH DEFINED IN AWWA C600.

# GENERAL NOTES:

1. MECHANICALLY RESTRAINED JOINTS SHALL BE USED FOR RESTRAINING NEW WATER LINES.
2. CONCRETE THRUST BLOCKING WILL BE USED WHERE SPECIFICALLY IDENTIFIED ON THE PLANS AT ALL VALVES, AT ALL FIRE HYDRANTS, AND WHERE REQUIRED MECHANICAL JOINT RESTRAINT DISTANCES ARE GREATER THAN FIELD CONDITIONS ALLOW.
3. ALL CONNECTIONS AT FITTINGS SHALL BE RESTRAINED.
4. ALL MECHANICALLY RESTRAINED JOINTS SHALL HAVE A MINIMUM PIPE LENGTH OF 20 FEET EACH SIDE OF JOINT. ANY PIPE JOINTS LESS THAN 20 FT. WILL REQUIRE ENGINEERING REVIEW
5. IN NO CASE SHALL DRY CONCRETE THRUST BLOCKING BE USED FOR JOINT RESTRAINT.
6. SPECIAL CONSIDERATION MAY BE REQUIRED TO MEET CERTAIN FIELD CONDITIONS. RESTRAINT LENGTHS MAY EXTEND INTO EXISTING WATER MAINS, REQUIRING RESTRAINED FITTINGS TO BE PLACED AT EXISTING WATERLINE JOINTS FOR THE LENGTH SPECIFIED IN THE TABLES ON THIS SHEET.
7. DESIGN ASSUMPTIONS FOR MECHANICALLY RESTRAINED JOINTS: FOR SITUATIONS DIFFERING FROM THESE ASSUMPTIONS CONSULT THE DESIGN ENGINEER.

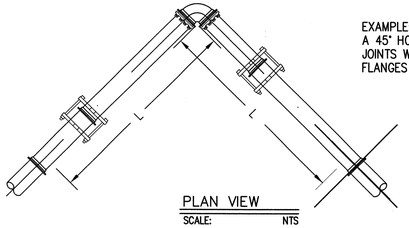
SAFETY FACTOR: 1.5 TO 1.
PRESSURE: 150 psi (1034 kPa) (FIRELINES REQUIRE 200 psi (1379 kPa)
SOIL TYPE: SM – SILTY SANDS
PIPE: AS NOTED
TRENCH TYPE 4 Per AWWA C600
PIPE BEDDED IN 4 INCHES OF SAND, COMPACTED TO 80% TO TOP OF PIPE)
BURIAL DEPTH: 3' (0.9 m) TO TOP OF PIPE

## HORIZONTAL BENDS – PVC PIPE

| Nom. Pipe Size | Bend Angle | | | |
|---|---|---|---|---|
| | 11-1/4^ | 22-1/2^ | 45^ | 90^ |
| | Restrained Length, L, Feet | | | |
| 6" | 3' | 6' | 12' | 27' |
| 8" | 4' | 7' | 15' | 35' |
| 10" | 5' | 9' | 18' | 42' |
| 12" | 5' | 10' | 20' | 49' |

## HORIZONTAL BENDS – DUCTILE IRON PIPE

| Nom. Pipe Size | Bend Angle | | | |
|---|---|---|---|---|
| | 11-1/4^ | 22-1/2^ | 45^ | 90^ |
| | Restrained Length, L, Feet | | | |
| 16" | 6' | 11' | 22' | 51' |




EXAMPLE: FOR AN 8" PVC PIPE WITH A 45^ HORIZONTAL BEND, RESTRAIN ALL JOINTS WITHIN 15 FEET OF THE FLANGES ON THE BEND FITTING.

PLAN VIEW
SCALE: NTS

## VERTICAL OFFSETS PVC PIPE

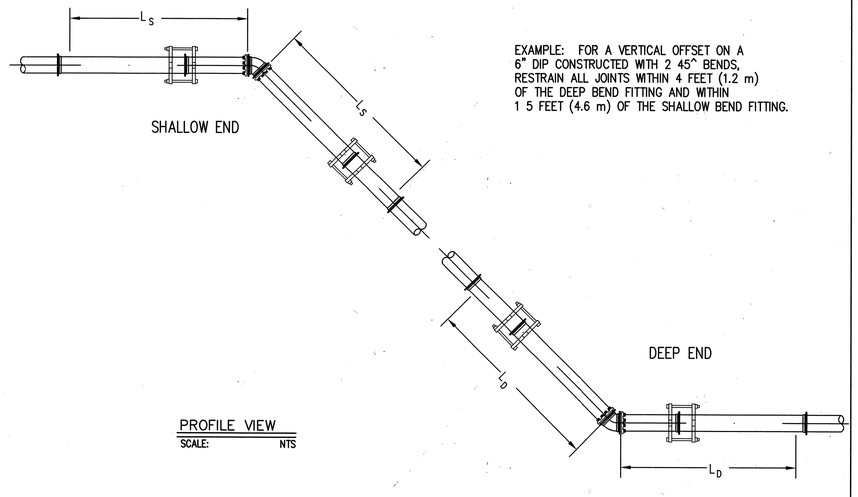
Additional Design Parameters
Shallow end depth = 3.0'
Deep end depth = 6.0'

| Nom. Pipe Size | 22-1/2^ Bend | | 45^ Bend | |
|---|---|---|---|---|
| | Restrained Length | | | |
| | Deep End $L_D$, Feet | Shallow End $L_S$, Feet | Deep End $L_D$, Feet | Shallow End $L_S$, Feet |
| 6" | 3' | 15' | 6' | 31' |
| 8" | 4' | 20' | 8' | 40' |
| 10" | 5' | 23' | 10' | 48' |
| 12" | 6' | 27' | 11' | 57' |

## VERTICAL OFFSETS DUCTILE IRON PIPE

Additional Design Parameters
Shallow end depth = 3.0'
Deep end depth = 6.0'

| Nom. Pipe Size | 22-1/2^ Bend | | 45^ Bend | |
|---|---|---|---|---|
| | Restrained Length | | | |
| | Deep End $L_D$, Feet | Shallow End $L_S$, Feet | Deep End $L_D$, Feet | Shallow End $L_S$, Feet |
| 16" | 6' | 23' | 12' | 46' |




EXAMPLE: FOR A VERTICAL OFFSET ON A 6" DIP CONSTRUCTED WITH 2 45^ BENDS, RESTRAIN ALL JOINTS WITHIN 4 FEET (1.2 m) OF THE DEEP BEND FITTING AND WITHIN 1 5 FEET (4.6 m) OF THE SHALLOW BEND FITTING.

PROFILE VIEW
SCALE: NTS

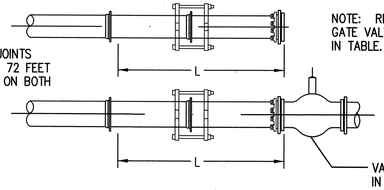
## DEAD ENDS GATE VALVES OR END CAPS PVC PIPE

| Nom. Pipe Size | Restrained Length L |
|---|---|
| 4" | 52' |
| 6" | 74' |
| 8" | 96' |
| 10" | 115' |
| 12" | 136' |

## DEAD ENDS GATE VALVES OR END CAPS DUCTILE IRON PIPE

| Nom. Pipe Size | Restrained Length L |
|---|---|
| 16" | 111' |

These Lengths May be used Where Enough New Pipe Exists to Install the Restraint Joints Along a Straight Pipe Run.




EXAMPLE: RESTRAIN ALL JOINTS ON AN 8" PVC PIPE WITHIN 72 FEET (22.0 m) OF THE FLANGES ON BOTH SIDES OF A GATE VALVE.

NOTE: RESTRAIN BOTH SIDES OF GATE VALVE FOR DISTANCE SHOWN IN TABLE.

PLAN VIEW

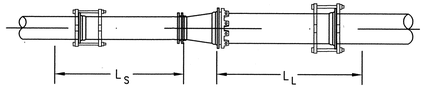
## REDUCER PVC PIPE

| Nominal Pipe Size | Unobstructed Straight Run Length, Feet Restrained | |
|---|---|---|
| | ($L_S$) Small Pipe Side | ($L_L$) Large Pipe Side |
| 6" X 4" | FJO | 38' |
| 8" X 4" | FJO | 69' |
| 8" X 6" | FJO | 41' |
| 10" X 6" | FJO | 71' |
| 10" X 8" | FJO | 39' |
| 12" X 8" | FJO | 72' |
| 12" X 10" | FJO | 40' |

FJO: Restraint required at Fitting Joint Only

## REDUCER DUCTILE IRON PIPE

| Nominal Pipe Size | Unobstructed Straight Run Length, Feet Restrained | |
|---|---|---|
| | ($L_S$) L small | ($L_L$) L large |
| 16" X 6" | FJO | 94' |
| 16" X 8" | FJO | 81' |
| 16" X 10" | FJO | 66' |
| 16" X 12" | FJO | 48' |




EXAMPLE: FOR A 6" REDUCER ON A 10" DUCTILE IRON PIPE, RESTRAIN ALL JOINTS ON THE 10" PIPE WITHIN 34 FEET (10.4 m) OF THE FLANGE ON THE FITTING. RESTRAINING THE JOINTS ON THE 6" PIPE IS OPTIONAL.

PLAN VIEW
SCALE: NTS

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
NOTICE TO PROCEED
ACCEPTANCE BY
VERIFICATION BY
DRAWINGS CORRECTED BY
RECORDED BY
DATE

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MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

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FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
KEITH A. REED
NEW MEXICO
11-17-08
REGISTERED PROFESSIONAL ENGINEER

REVISIONS
NO. | DATE | REMARKS | BY

WILSON & COMPANY, ENGINEERS & ARCHITECTS
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ALBUQUERQUE BERNALILLO COUNTY
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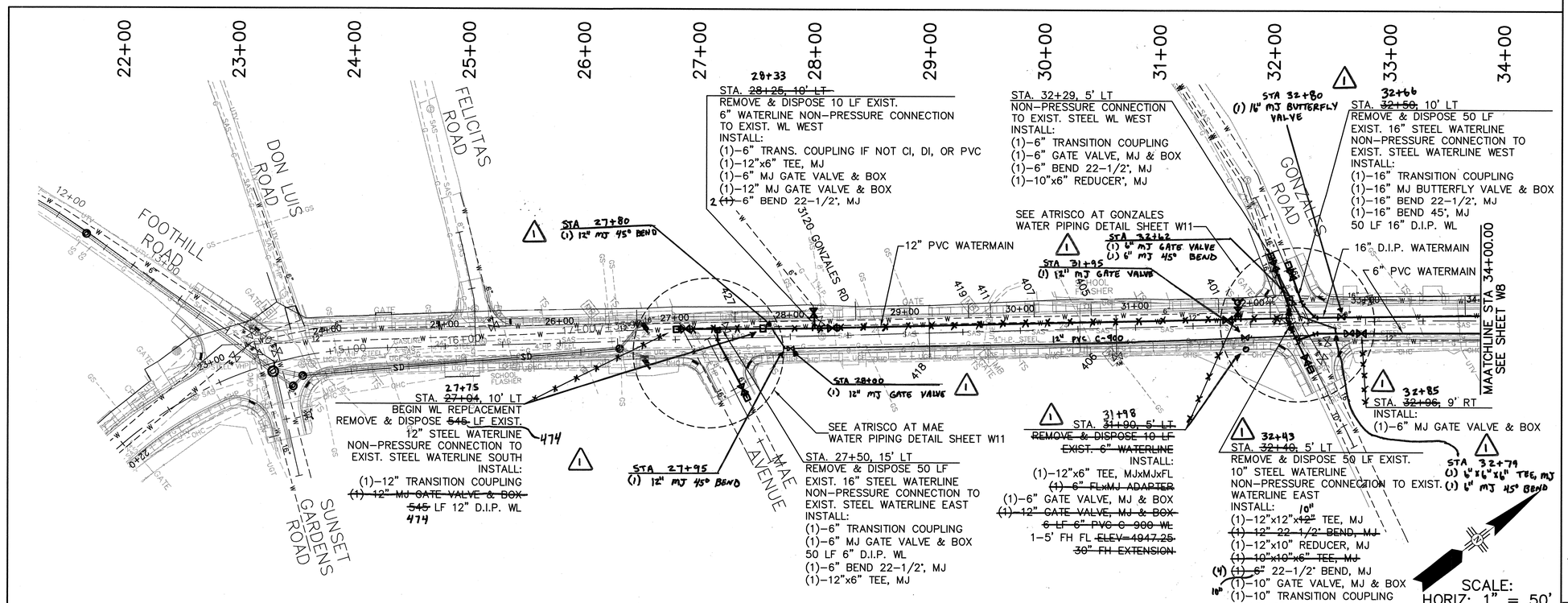
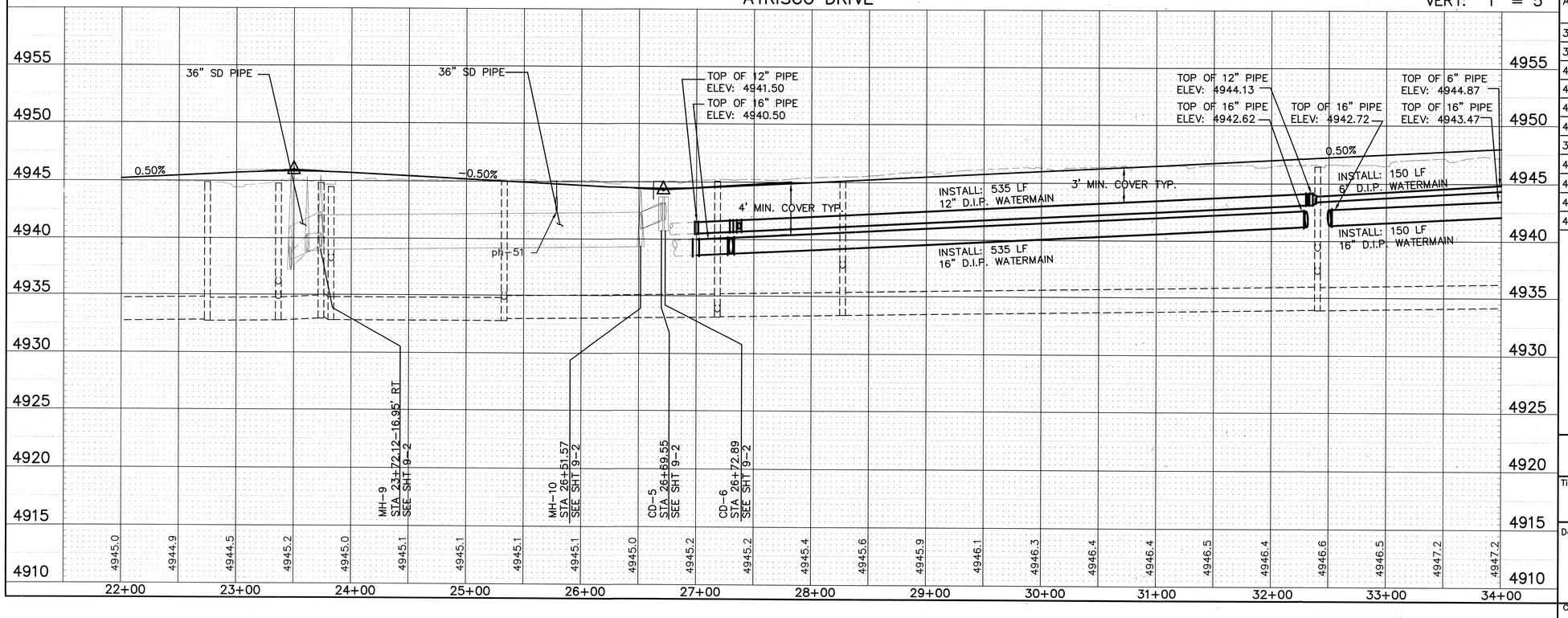
Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERLINE THRUST RESTRAINT DETAILS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337–02
Zone Map No. K–12
Sheet W6 Of 11

WILSON & COMPANY




1. METER BOX REPLACEMENT AND METER BOX RELOCATION SHALL BE PER C.O.A. STD. DWG. 2362 PER THE FOLLOWING SCHEDULE:

| ADDRESS | METER SIZE | REPLACE BOX | RELOCATE BOX |
|---|---|---|---|
| 373 ATRISCO DR | 3/4" | X | X |
| 390 ATRISCO DR | 3/4" | X | X |
| 401 ATRISCO DR | 3/4" | X | X |
| 405 ATRISCO DR | 3/4" | X | X |
| 406 ATRISCO DR | 3/4" | X | X |
| 407 ATRISCO DR | 3/4" | X | X |
| 3120 GONZALES RD | 3/4" | X | X |
| 411 ATRISCO DR | 3/4" | X | X |
| 418 ATRISCO DR | 3/4" | X | X |
| 419 ATRISCO DR | 3/4" | X | X |
| 427 ATRISCO DR | 3/4" | X | X |

RECORD DRAWING
DATE: 04/13/09

AS-BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / DATE
WORK ACCEPTED BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
MICRO-FILM INFORMATION
RECORDED BY / DATE
NO.

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS. 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV = 4954.92 FT. (3rd ORDER) (NGVD 29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
KEITH A. REED
NEW MEXICO
14017
REGISTERED PROFESSIONAL ENGINEER
11/17/08

C.L.L.

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 4/13 | AS-BUILTS | |

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
Water Utility Authority
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERMAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337-02 | Zone Map No. K-12 | Sheet W7 Of 11

WILSON & COMPANY

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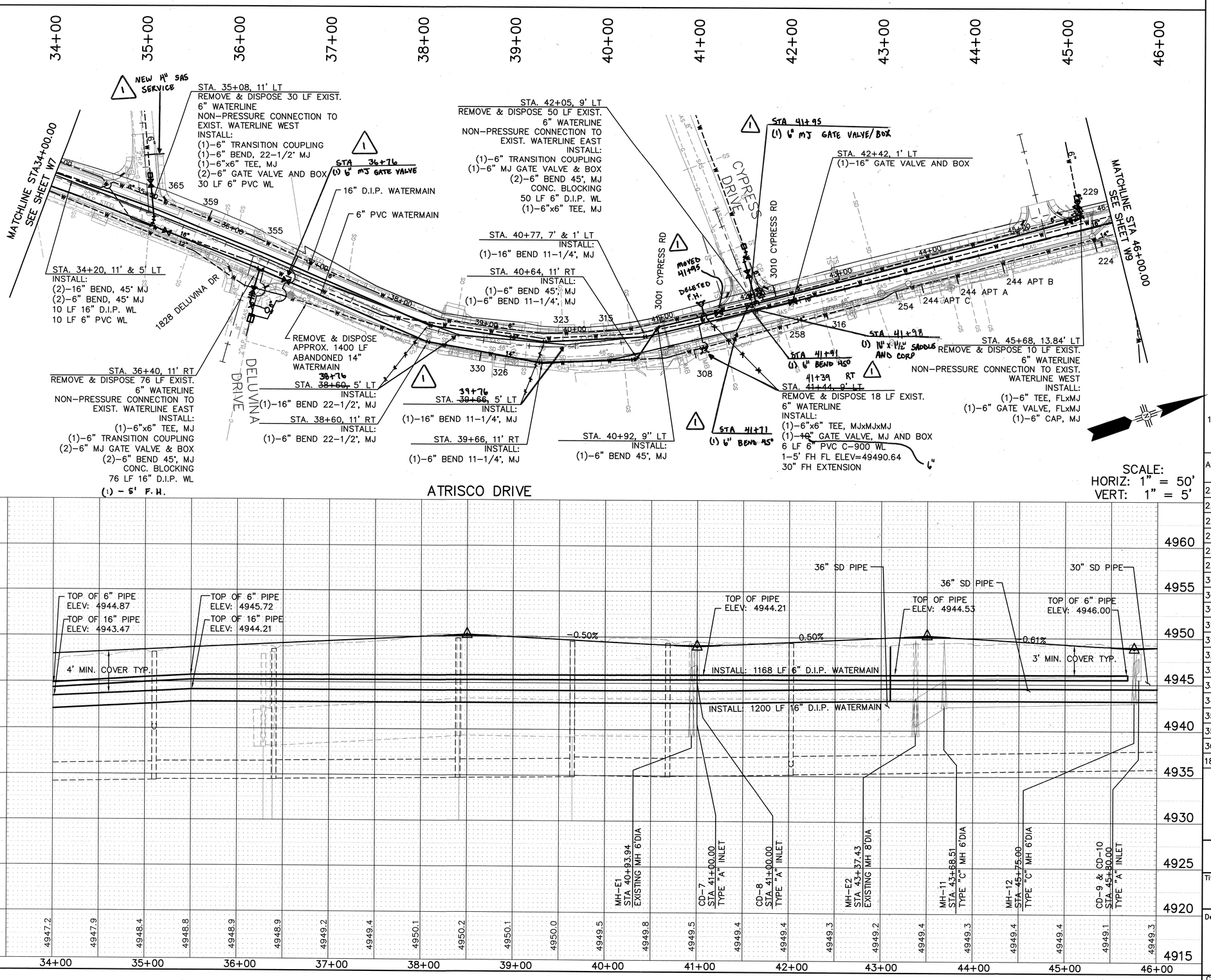


1. METER BOX REPLACEMENT AND METER BOX RELOCATION SHALL BE PER C.O.A. STD. DWG. 2362 PER THE FOLLOWING SCHEDULE:

| ADDRESS | METER SIZE | REPLACE BOX | RELOCATE BOX |
|---|---|---|---|
| 229 ATRISCO DR | 1" | X | X |
| 229 ATRISCO DR | 4" | | |
| 244 APT A ATRISCO | 3/4" | X | X |
| 244 APT B ATRISCO | 3/4" | X | X |
| 244 APT C ATRISCO | 3/4" | X | X |
| 258 ATRISCO DR | 3/4" | X | X |
| 308 ATRISCO DR | 3/4" | X | X |
| 3001 CYPRESS RD | 3/4" | X | X |
| 3010 CYPRESS RD | 3/4" | X | X |
| 311 ATRISCO DR | 3/4" | X | X |
| 315 ATRISCO DR | 3/4" | X | X |
| 323 ATRISCO DR | 3/4" | X | X |
| 326 ATRISCO DR | 3/4" | X | X |
| 330 ATRISCO DR | 3/4" | X | X |
| 345 ATRISCO DR | 3/4" | X | X |
| 355 ATRISCO DR | 3/4" | X | X |
| 359 ATRISCO DR | 3/4" | X | X |
| 365 ATRISCO DR | 3/4" | X | X |
| 1828 DELUVINA DR | 1" | X | X |

RECORD DRAWING
DATE: 04/13/09

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
WORK INSPECTED BY
ACCEPTANCE BY
VERIFICATION BY
DRAWINGS DRAWN BY
MICRO-FILM INFORMATION
RECORDED BY
NO.
DATE

BENCH MARKS
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ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

SURVEY INFORMATION
FIELD NOTES BY
NO. DATE

ENGINEER'S SEAL
KEITH A. REED
NEW MEXICO
11,787
REGISTERED PROFESSIONAL ENGINEER

AS-BUILTS
CLL
NO. DATE REMARKS BY
REVISIONS
WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

Water Utility Authority
ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERMAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337-02
Zone Map No. K-12
Sheet W8 Of 11

WILSON & COMPANY

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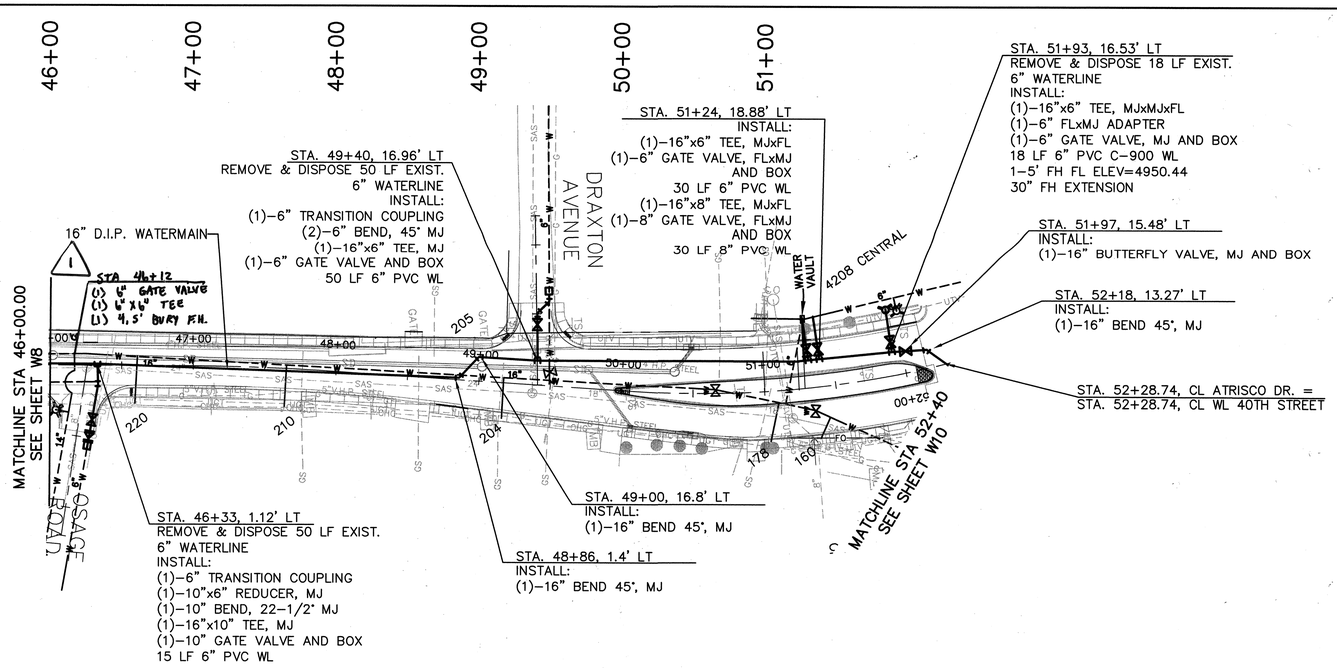


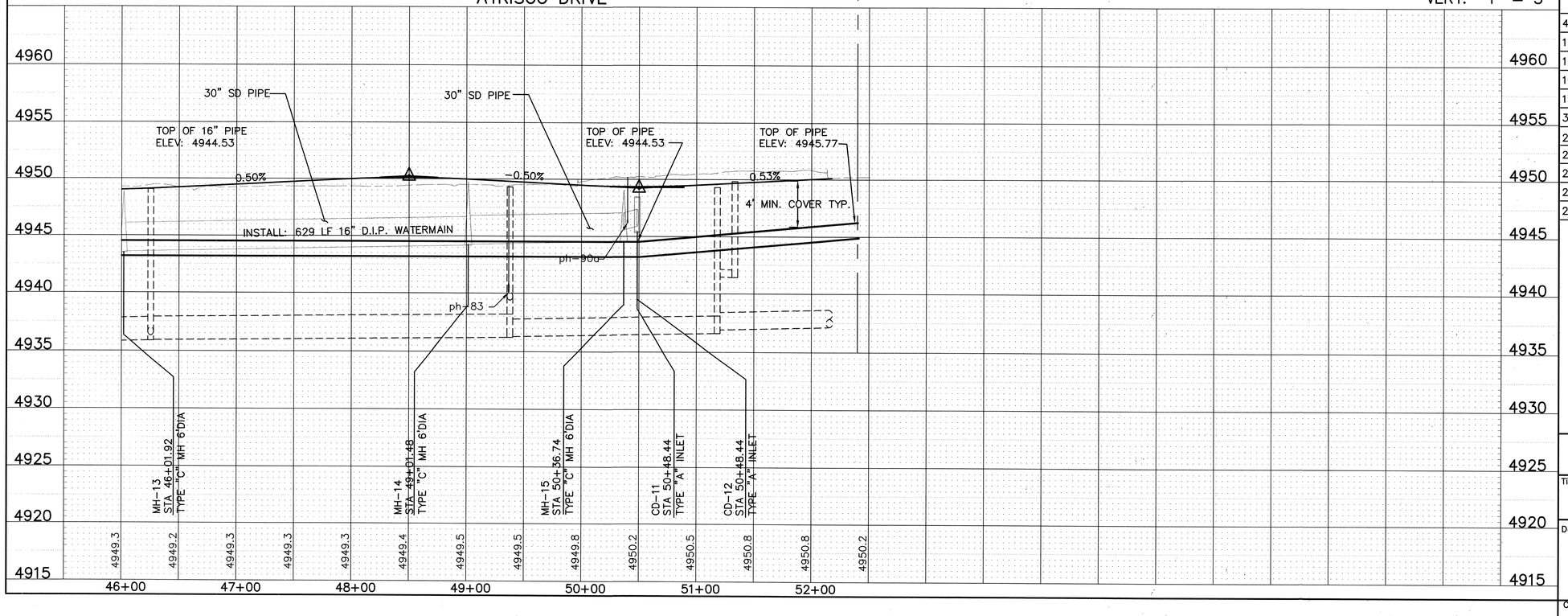


SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'

1. METER BOX REPLACEMENT AND METER BOX RELOCATION SHALL BE PER C.O.A. STD. DWG. 2362 PER THE FOLLOWING SCHEDULE:

| ADDRESS | METER SIZE | REPLACE BOX | RELOCATE BOX |
|---|---|---|---|
| 4208 CENTRAL SW | 4" | | |
| 156 ATRISCO DR | 3/4" | X | X |
| 158 ATRISCO DR | 3/4" | X | X |
| 160 ATRISCO DR | 3/4" | X | X |
| 178 ATRISCO DR | 3/4" | X | X |
| 3015 DRAXTON | 1" | X | X |
| 201 1/2 ATRISCO DR | 1" | X | X |
| 204 ATRISCO DR | 3/4" | X | X |
| 205 ATRISCO DR | 1" | X | X |
| 210 ATRISCO DR | 3/4" | X | X |
| 220 ATRISCO DR | 3/4" | X | X |

RECORD DRAWING
DATE: 04/13/09

*AS-BUILT INFORMATION*

CONTRACTOR
WORK STARTED BY / DATE
WORK COMPLETED / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
RECORDED BY / DATE
NO.

*BENCH MARKS*

THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS. 2-K12B. 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION. ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

*SURVEY INFORMATION*

FIELD NOTES
NO. | BY | DATE

*ENGINEER'S SEAL*

KEITH A. REED, NEW MEXICO, 14844, REGISTERED PROFESSIONAL ENGINEER

*MICRO-FILM INFORMATION*

CLL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 9/13 | AS-BUILTS | CLL |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERMAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337-02
Zone Map No. K-12
Sheet W9 Of 11

WILSON & COMPANY

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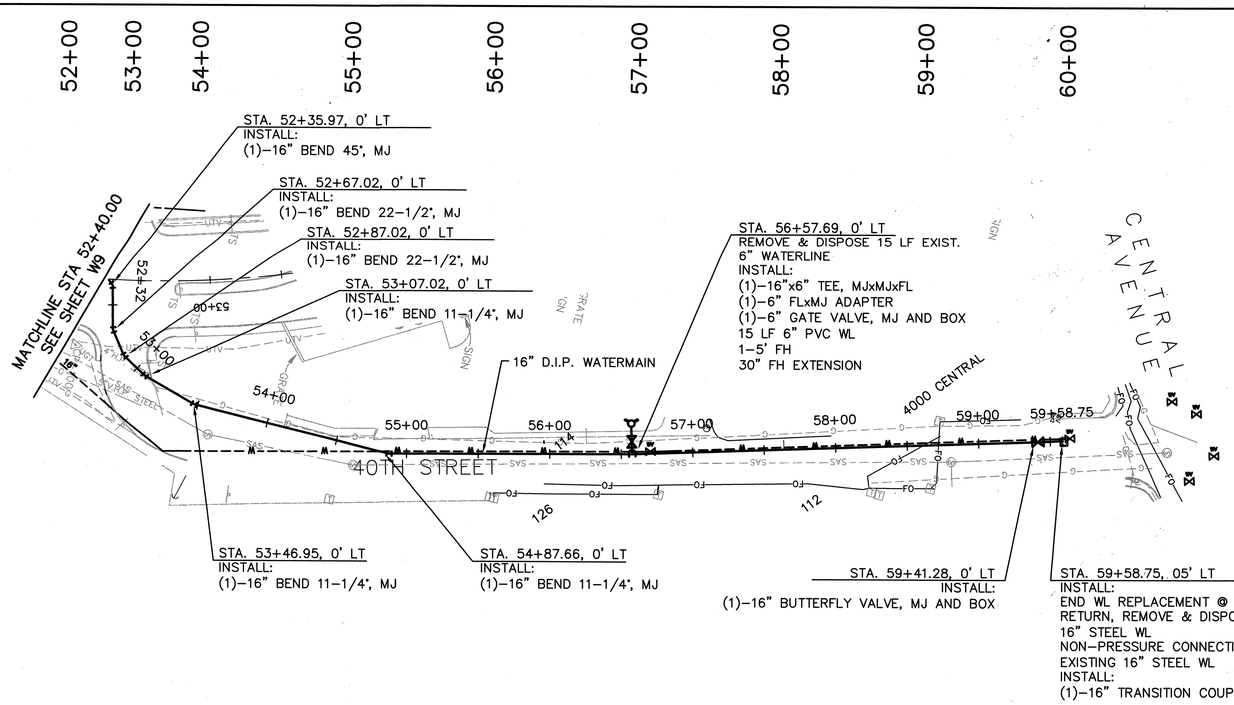
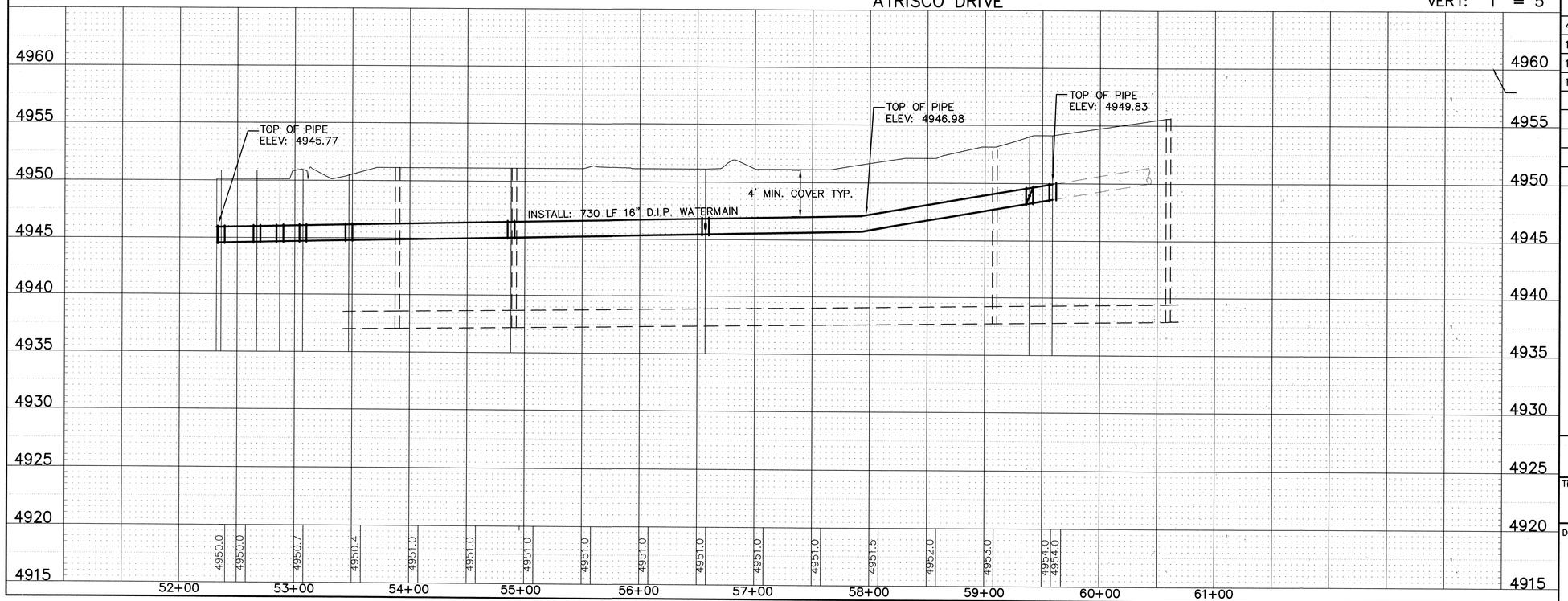



SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'




1. METER BOX REPLACEMENT AND METER BOX RELOCATION SHALL BE PER C.O.A. STD. DWG. 2362 PER THE FOLLOWING SCHEDULE:

| ADDRESS | METER SIZE | REPLACE BOX | RELOCATE BOX |
|---|---|---|---|
| 4000 CENTRAL SW | 3/4" | X | X |
| 112 ATRISCO DR | 1" | X | X |
| 114 ATRISCO DR | 1" | X | X |
| 126 ATRISCO DR | 3/4" | X | X |

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
WORKING DAYS
ACCEPTANCE BY — DATE
FIELD LOCATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE. TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
KEITH A. REED
NEW MEXICO
13348
LICENSED PROFESSIONAL ENGINEER
11/17/08

NO. | DATE | REMARKS | BY
REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR — DATE NOV. 08
DRAWN BY STAFF — DATE NOV. 08
CHECKED BY KAR — DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERMAIN PLAN & PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

City Project No. COA 5337–02 | Zone Map No. K–12 | Sheet W10 | Of 11

WILSON & COMPANY

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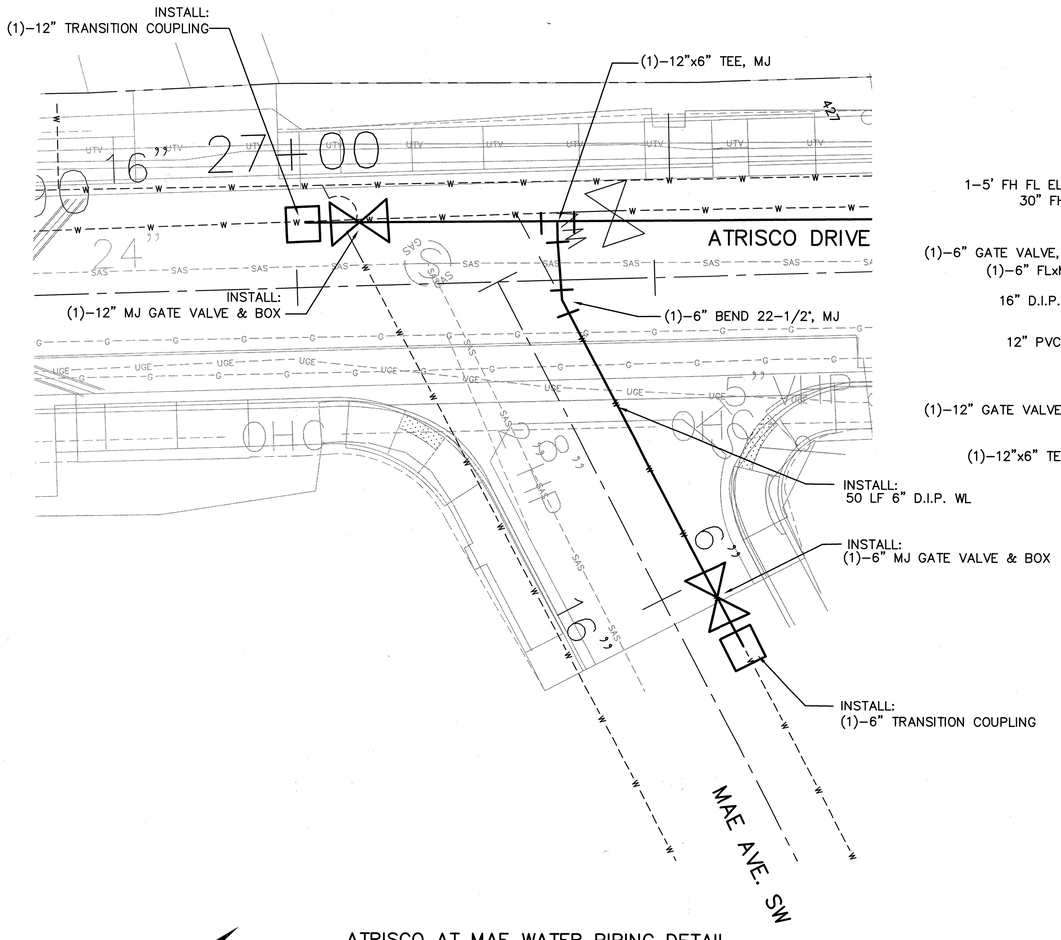
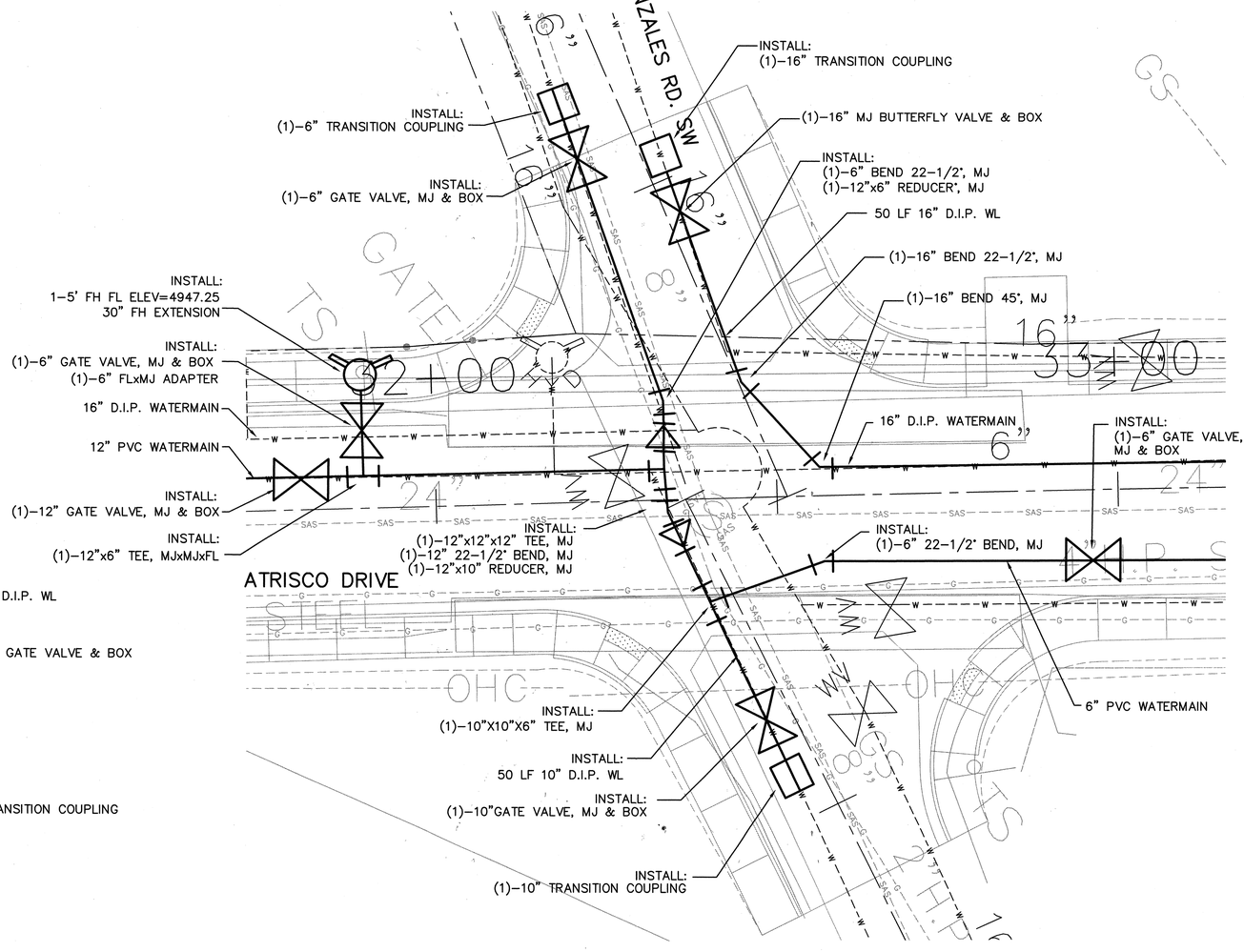



ATRISCO AT MAE WATER PIPING DETAIL

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'




ATRISCO AT GONZALES WATER PIPING DETAIL

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'

## AS–BUILT INFORMATION

CONTRACTOR
WORK STAKED BY / DATE
CONSTRUCTION ACCEPTANCE BY / DATE
FIELD VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE

## MICRO–FILM INFORMATION

RECORDED BY / DATE
NO.

## BENCH MARKS

THE STA. IS A ACS 3–1/4" ALUMINUM TABLET STAMPED "ACS, 2–K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTRX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

## SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

## ENGINEER'S SEAL

KEITH A. REED
NEW MEXICO
13564
PROFESSIONAL ENGINEER
11.17.08
LICENSED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
Water Utility Authority
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS
WATERMAIN DETAIL PLANS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337–02 | K–12 | W11 | 11 |

WILSON & COMPANY

M:\TRN\07-100-221-00\CADD\SHEETS\712S100DTL_PLNS.dwg 11/17/2008 7:31:31 AM MST

① (1) 16" Solid sleeve MJ
Sta 42+02
Lt 14' from B/C to c/p

② (1) 16"x1½" Saddle
(1) 1½" Corp to Bleed Air from 16" DI w.l.
Sta 41+98
Lt 14' from B/C to c/p

③ (1) 16" Solid Sleeve MJ
Sta 41+92
Lt 14' from B/C to c/p

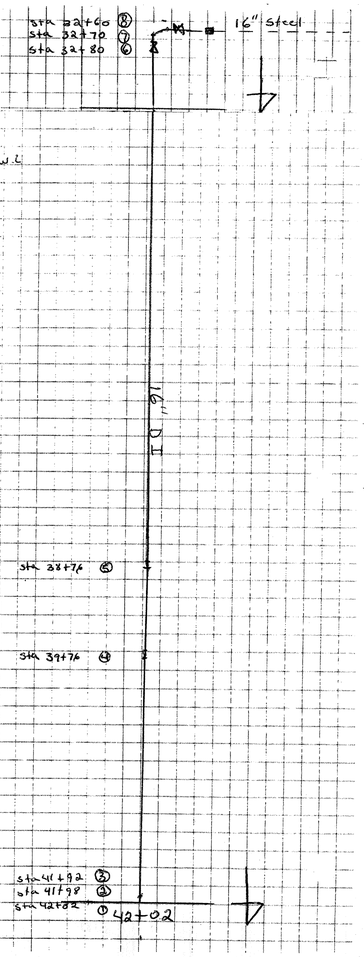
④ (1) 22½° Bend MJ
Sta 39+76
Lt 13' from B/C to c/p

⑤ (1) 22½° Bend MJ
Sta 38+76
Lt 10' from B/C to c/p

⑥ (1) 16" BFV MJ
Sta 32+80
Lt 10' from B/C to c/p

⑦ (1) 45° Bend MJ
Sta 32+70
Lt 10' from B/C to c/p

⑧ (1) 45° Bend MJ
(1) BFV 16" MJ
(1) 16" transition coupling
Sta 32+60




ATRISCO DRIVE S.W. CORRIDOR IMP
City Project No COA 5337-02

① (1) ⑥ 6"x6"x6" MJ tee
(3) 6" Gate valve MJ
(2) 6" Bend 45° MJ
(1) 6" transition coupling
Sta 42+00
Lt 13' from B/C to c/p

② (1) 6" Gate valve MJ
Sta 41+95
Lt 13' from B/C to c/p

③ (1) 6" 45° Bend MJ
Sta 41+91
Lt 13' from B/C to c/p

④ (1) 6" 45° Bend MJ
Sta 41+71
Rt 5' from B/C to c/p

⑤ (1) 6"x6"x6" MJ tee
(1) 6" Gate valve MJ
(1) 5' F H
Sta 41+39
Rt 5' from B/C to c/p

⑥ (1) 6" 11¼° Bend MJ
Sta 39+66
Rt 5' from B/C to c/p

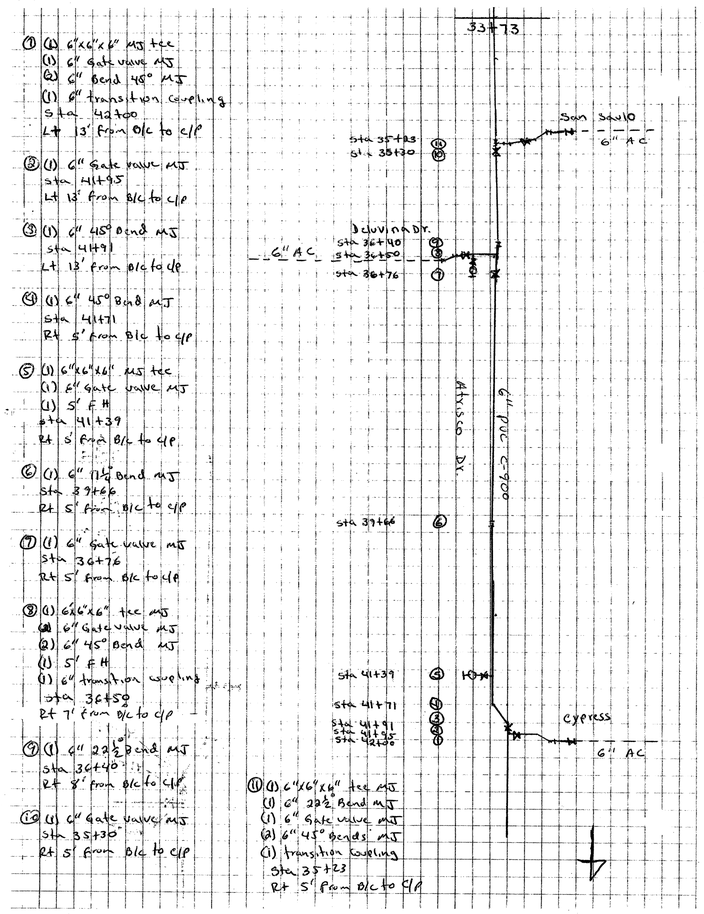
⑦ (1) 6" Gate valve MJ
Sta 36+76
Rt 5' from B/C to c/p

⑧ (1) 6"x6"x6" tee MJ
(1) 6" Gate valve MJ
(2) 6" 45° Bend MJ
(1) 5' F H
(1) 6" transition coupling
Sta 36+50
Rt 7' from B/C to c/p

⑨ (1) 6" 22½° Bend MJ
Sta 36+40
Rt 8' from B/C to c/p

⑩ (1) 6" Gate valve MJ
Sta 35+30
Rt 5' from B/C to c/p

⑪ (1) 6"x6"x6" tee MJ
(1) 6" 22½° Bend MJ
(1) 6" Gate valve MJ
(2) 6" 45° Bends MJ
(1) transition coupling
Sta 35+23
Rt 5' from B/C to c/p




ATRISCO DRIVE S.W. CORRIDOR IMP
City Project No. COA 5337-02

⑫ 6" Gate valve MJ
Sta 32+85
Rt 6' from B/C to c/p

⑫ 6"x6"x6" tee MJ
(1) 6" 22½° Bend MJ
(1) 6" Gate valve MJ
(3) 6" 45° Bend MJ
(1) transition coupling 6"
Sta 32+79
Rt 6' from B/C to c/p

⑭ (1) 12"x6" Reducer MJ
Sta 32+69
Rt 6' from B/C to c/p

⑮ (1) 12"x12"x10" tee MJ
(1) 10" 45° Bend MJ
(1) 10" Gate valve MJ
(1) 10" transition coupling
Sta 32+43
Lt 6' from B/C to c/p

⑯ (1) 12"x12"x6" tee MJ
(1) 6" Solid sleeve
(1) 6" Gate valve MJ
(1) 5' F H
Sta 31+98
Rt 6' from B/C to c/p

17 (1) 12" Gate valve MJ
Sta 31+95
Rt 6' from B/C to c/p

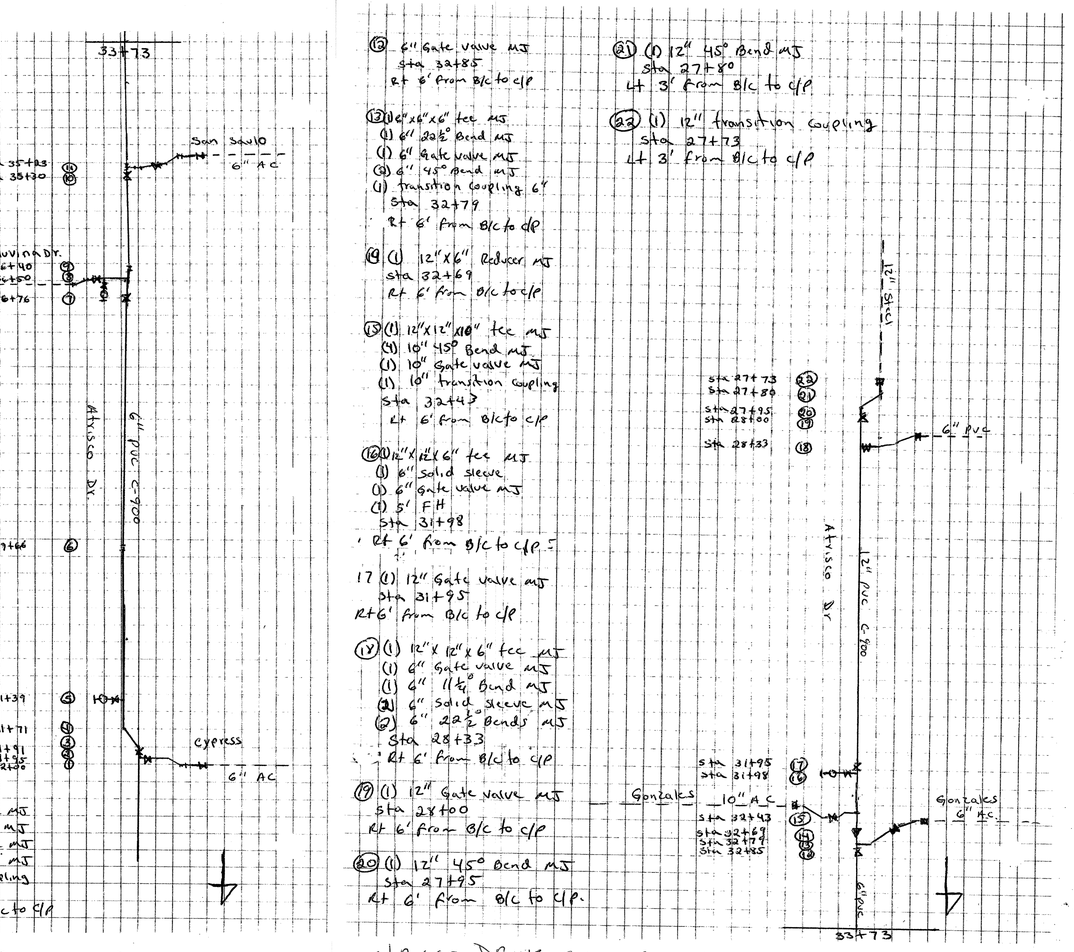
⑰ (1) 12"x12"x6" tee MJ
(1) 6" Gate valve MJ
(1) 4" 11¼° Bend MJ
(1) 6" Solid sleeve MJ
(2) 6" 22½° Bends MJ
Sta 28+33
Rt 6' from B/C to c/p

⑱ (1) 12" Gate valve MJ
Sta 28+00
Rt 6' from B/C to c/p

⑳ (1) 12" 45° Bend MJ
Sta 27+95
Rt 6' from B/C to c/p.

㉑ (1) 12" 45° Bend MJ
Sta 27+80
Lt 3' from B/C to c/p

㉒ (1) 12" transition coupling
Sta 27+73
Lt 3' from B/C to c/p




ATRISCO DRIVE S.W. CORRIDOR IMP
City Project No. 5337-02

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

BENCH MARKS
THE STA. IS A ACS 3-1/4" ALUMINUM TABLET STAMPED "ACS. 2-K12B, 1983" SET FLUSH WITH THE TOP OF CURB. THE STA. IS LOCATED 1.8 mi. WEST OF DOWNTOWN ALBQ. TO REACH THE STA. FROM THE WEST END OF OLD TOWN BRIDGE, TRAVEL WEST ON CENTRAL AVE. 0.2 mi. TO THE INTX. OF CENTRAL AVE. & ATRISCO DR. THE STA. IS AT THE SE CORNER OF THE INTERSECTION.
ELEV.= 4954.92 FT. (3rd ORDER) (NGVD 29)

AS-BUILT INFORMATION

| | |
|---|---|
| CONTRACTOR | |
| WORK ACCEPTED BY: | DATE |
| ACCEPTANCE BY: | DATE |
| FIELD VERIFICATION BY: | DATE |
| DRAWINGS CORRECTED BY: | DATE |
| RECORDED BY | DATE |
| NO. | |

ENGINEER'S SEAL
KEITH A. REED, NEW MEXICO, 13304, LICENSED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY KAR DATE NOV. 08
DRAWN BY STAFF DATE NOV. 08
CHECKED BY KAR DATE NOV. 08

ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

Title: ATRISCO DRIVE CORRIDOR IMPROVEMENTS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| COA 5337-02 | K-12 | W11a | 11 |

WILSON & COMPANY