

CONSTRUCTION PLANS
FOR
BRIDGE CROSSING
SUBDIVISION
ALBUQUERQUE, NEW MEXICO

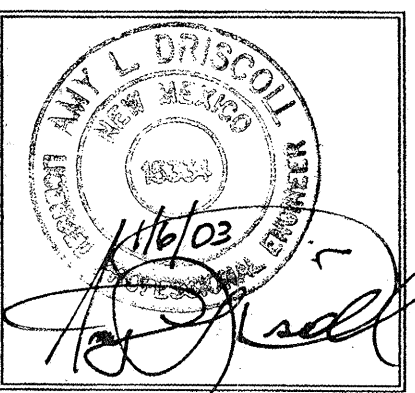
SCANNED BY
MESA REPRO

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-3	PLAT
4	GRADING AND DRAINAGE PLAN
5	PAVING IMPROVEMENTS
6	UTILITY IMPROVEMENTS
7	STORM DRAIN IMPROVEMENTS, WATERLINE IMPROVEMENTS & TRAFFIC CONTROL PLAN
8-9	TRAFFIC CONTROL
10	WATER DETAILS
11	CHANNEL CONNECTION DETAILS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Amy L. Driscoll, NMPE 15334, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Schuler, NMPS number 12651.



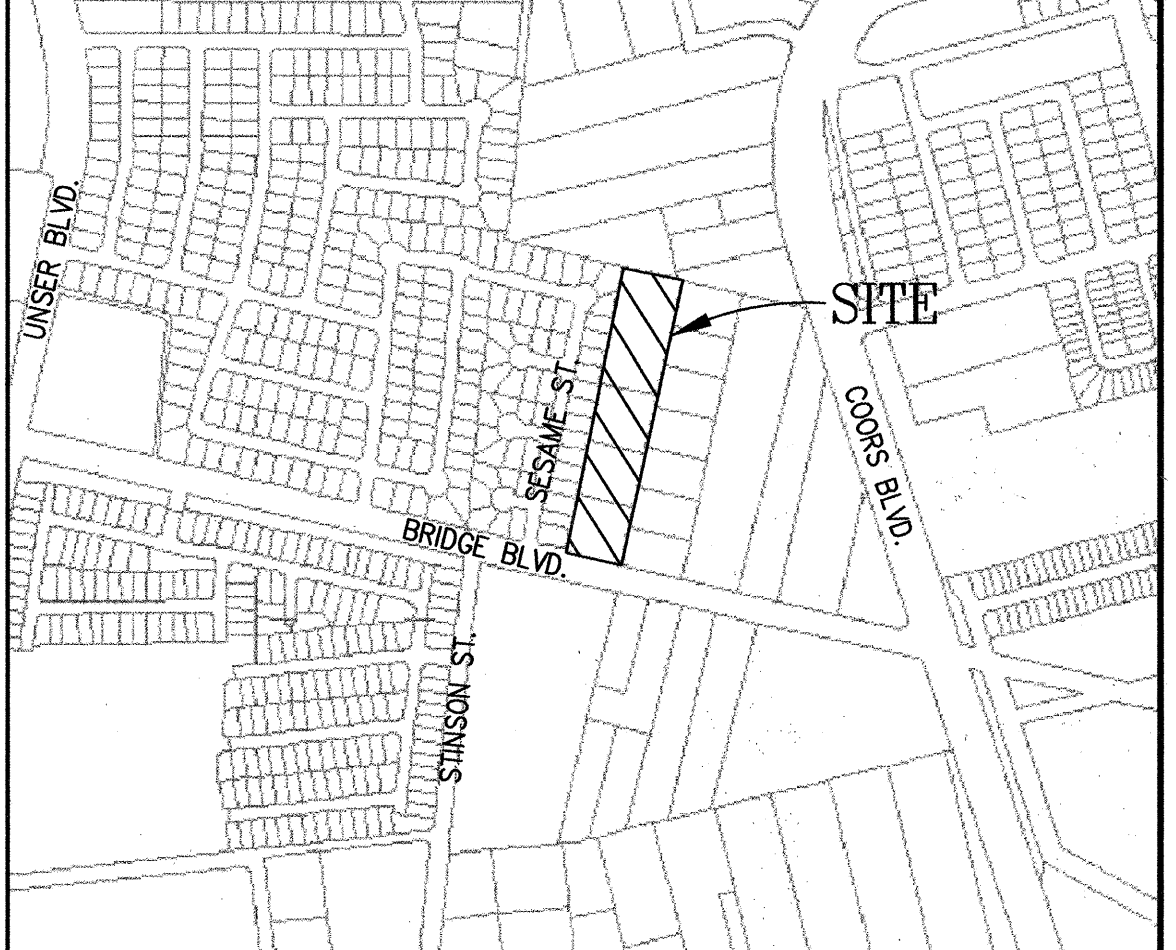
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
[Signature]
DATE: 4/22/05

DRB NO. 1001757

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****			
	DRG CHAIRMAN	<u>[Signature]</u>	<u>10-2-02</u>	APPROVED FOR CONSTRUCTION			
	TRANSPORTATION	<u>[Signature]</u>	<u>9/26/02</u>				
	WATER/WASTEWATER	<u>[Signature]</u>	<u>9/26/02</u>				
	HYDROLOGY	<u>[Signature]</u>	<u>9-26-02</u>				
	CIP	<u>[Signature]</u>	<u>9-26-02</u>				
	CONSTR. MGMT.	<u>[Signature]</u>	<u>10-2-02</u>				
	CONSTR. COORD.	<u>[Signature]</u>	<u>10-2-02</u>				
	CITY PROJECT NO.	<u>691781</u>		SHEET OF		<u>1 11</u>	



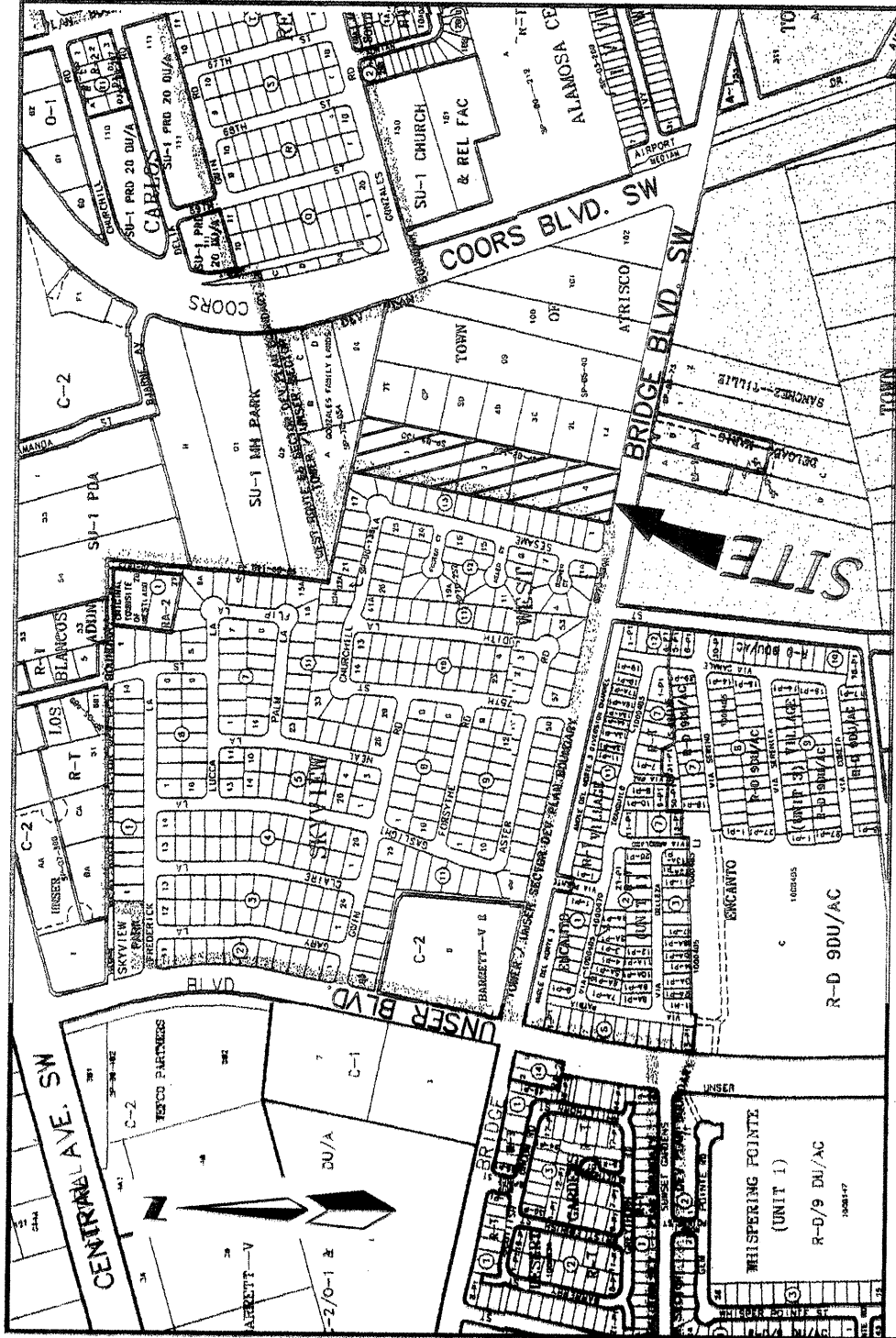
VICINITY MAP ZONE ATLAS L-10-Z
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (266-2859) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
 7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
 8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
 10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
 12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.



LOCATION MAP
SCALE: NONE

SUBDIVISION DATA

Plat Case No.'s
Project # 1001757
Case # 02056-00792
Gross acreage 0.2056-00792
Zone Atlas No. 02056-00792
Zoning K-10-Z & L-10-Z
No. of existing Tracts/Lots 46
No. of Tracts/Lots created 46
Miles of full width streets created 0.18
Area dedicated to the City of Albuquerque 1.0237 AC
Date of Survey April, 2002
Utility Control Location System Log Number 2002150096

FREE CONSENT AND DEDICATION

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets, public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and underground utilities where shown or indicated; and including the right of ingress and egress for construction and maintenance; and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

OWNER: STV INVESTMENTS III, LLC
BY: Tim McNaney, Managing Member

OWNER

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on 7-9-02.
By Tim McNaney, Managing Member of STV INVESTMENT III, LLC
A New Mexico Limited Liability Company on behalf of said company

NOTARY PUBLIC

MY COMMISSION EXPIRES 9-3-2004

OFFICIAL SEAL
SUSAN RASINSKI
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires 9-3-04

LEGAL DESCRIPTION (SEE SHEET 2)

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- Subdivide four lots into 46 residential lots.
- Dedicate Right-of-Way as shown.
- Grant new easements as shown.
- Vacate existing easement as shown.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
- The PNM Gas Services Division for installation, maintenance, and service of natural gas lines, valves and any other equipment and facilities reasonably necessary to provide natural gas.
- Quest for installation, maintenance and service of such lines, cable and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
- Comcast cable for installation, maintenance and service of such lines, cable and other related facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purposes described above, together with the free access to, from and over said easement, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool deck, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking or any structures adjacent to within or near easements shown on this plat.

In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

SURVEYOR'S CERTIFICATION

"I, Timothy Altrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and survey of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

Timothy Altrich, S. No. 7719
Date 07-17-02

Dwg: FPCOVER.dwg Drawn: RICHARD Checked: ALS Sheet 1 of 3
Scale: 1:1 Date: 07/09/02 Job: A02024

DESCRIPTION

A tract of land situated within the Town of Atrisco Grant, projected Sections 22 and 27, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of LOTS 1 THRU 4, LANDS OF CARLOS BARELAS as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on May 19, 1982 in Volume B19, Folio 172, and containing 5.0018 acres more or less.

NOTES:

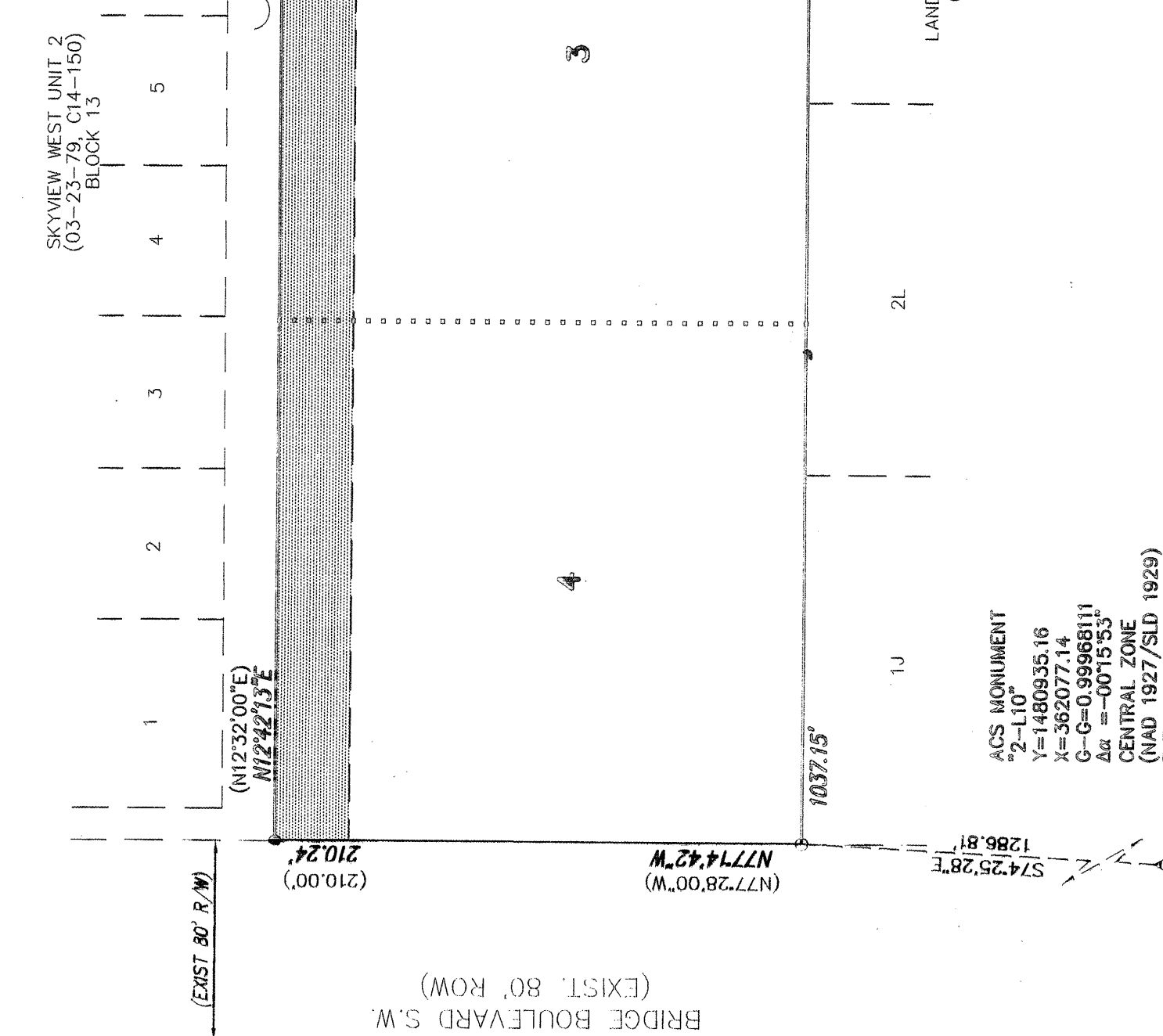
- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances in parenthesis are record.
- Basis of boundary are the following plats (and documents) of record entitled:
PLAT FOR "LANDS OF CARLOS BARELA, LOTS 1 THRU 4" (05-18-82, B19-172)
PLAT FOR "SKYVIEW WEST UNIT 2" (03-23-79, C74-150)
PLAT FOR "LANDS OF MIGUEL SAAVEDRA", (01-17-64, A2-107)
PLAT FOR "GONZALES FAMILY LANDS", (02-08-78, C14-68)
PLAT FOR "TOWN OF ATRISCO GRANT, UNIT 6", (12-05-44, D-118)
all being records of Bernalillo County, New Mexico.
5. Field Survey performed APRIL, 2002.
6. Utility Council Location System Log No.: 2002150096
7. Title Report: provided by Fidelity National Title Insurance Company Commitment No.: 02-8002831-B-IGL (Effective date: 03-25-02)
8. These tracts are affected by a RIGHT-OF-WAY EASEMENT to American Telephone and Telegraph Company, dated December 13, 1929, recorded in Book 112, Page 280, said easement amended by a MODIFICATION EASEMENT, dated January 31, 1973, recorded in Book Misc. 298, Page 635, said easement assigned to the Mountain States Telephone and Telegraph Company by ASSIGNMENT dated December 26, 1974, recorded in Book Misc. 575, Page 928 all being records of Bernalillo County, New Mexico.

- Unless otherwise noted all points are set 5/8" rebar with cap "ALS LS 7719" (TYP).

PROPERTY CORNERS

- FOUND 5/8" REBAR
- FOUND 1" PIPE (TYP)

DEVELOPER EASEMENT VACATED WITH V



DRC #691781

SHEET 2 OF 11

BRIDGE CROSSING SUBDIVISION

PLAT FOR
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2002

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque Subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1994.

Subdivision Case No. 1001757

Planning Director, City of Albuquerque, N.M. Date

City Engineer, City of Albuquerque, N.M. Date

Albuquerque Metropolitan Arroyo Flood Control Authority Date

Transportation Development, City of Albuquerque, N.M. Date

Utility Development Division, City of Albuquerque, N.M. Date

Parks and Recreation Date

City Surveyor, City of Albuquerque, N.M. Date 7-17-02

Property Management, City of Albuquerque, N.M. Date

PNM Gas Date 7-29-02

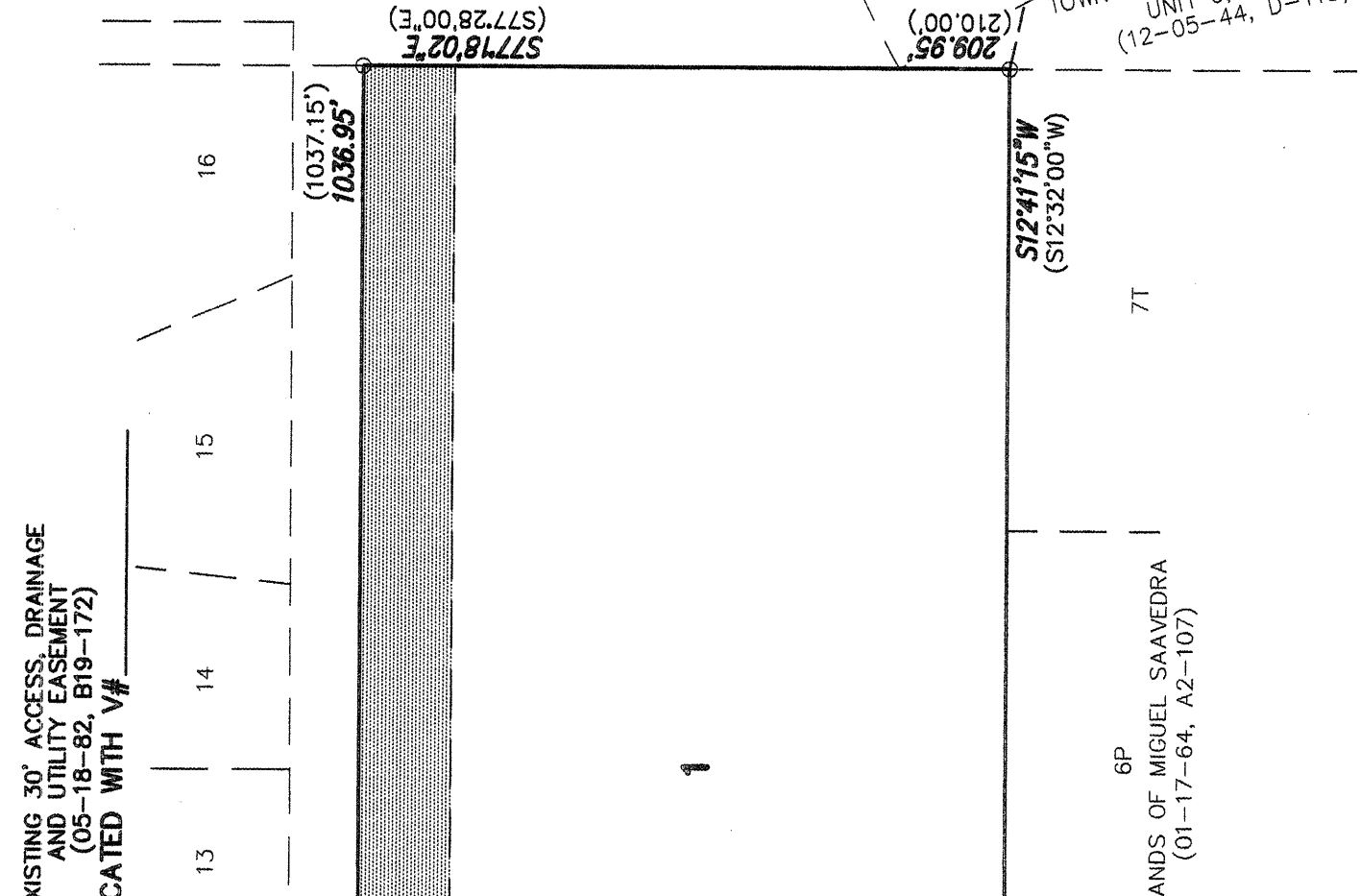
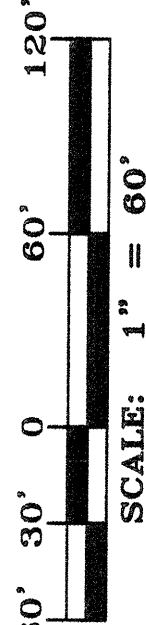
PNM Electric Date 7-29-02

Quest Telecommunications Date 7-31-02

Comcast Cable Date 7-29-02

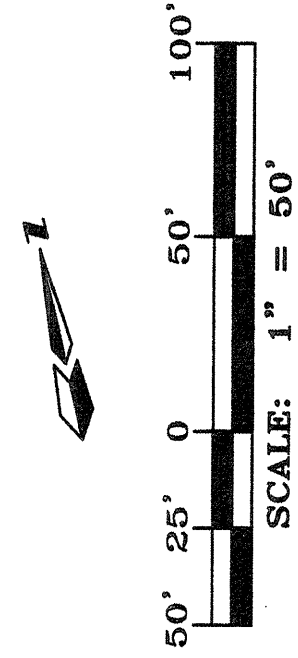
BRIDGE CROSSINGS SUBDIVISION

PLAT FOR
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2002



Dwg: BASE.dwg Drawn: STEPHEN Checked: ALS Sheet 2 of 3
Scale: scale Date: 07/16/02 Job: A02024

PLAT FOR
BRIDGE CROSSING SUBDIVISION
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2002



CURVE	RADIUS	LENGTH	CURVE TABLE			CH-BEARING	CHORD
			DELTA	TANGENT			
C1	40.00	38.66	5522.59"	20.99	N2352'16"E	37.18	
C2	40.00	25.57	3637'19"	13.24	N2707'54"W	25.13	
C3	40.00	25.74	3632'12"	13.33	N5852'39"W	25.30	
C4	40.00	27.19	3857'11"	14.15	S8312'40"W	26.67	
C5	40.00	25.53	3633'52"	13.22	S4527'08"W	25.10	
C6	40.00	37.25	5321'46"	20.10	S0029'19"W	35.92	
C7	40.00	2.46	371'08"	1.23	S2757'09"E	2.46	
C8	25.00	18.50	4223'58"	9.70	N0830'44"W	18.08	
C9	40.00	2.46	371'28"	1.23	N5319'39"E	2.46	
C10	25.00	18.50	4223'58"	9.70	S3353'14"W	18.08	
C11	25.00	39.30	8084'02"	25.03	N8743'18"E	35.39	
C12	25.00	39.24	8055'58"	24.97	S3216'44"E	35.33	
C13	40.00	184.86	28447'36"	43.81	N7718'45"W	59.08	

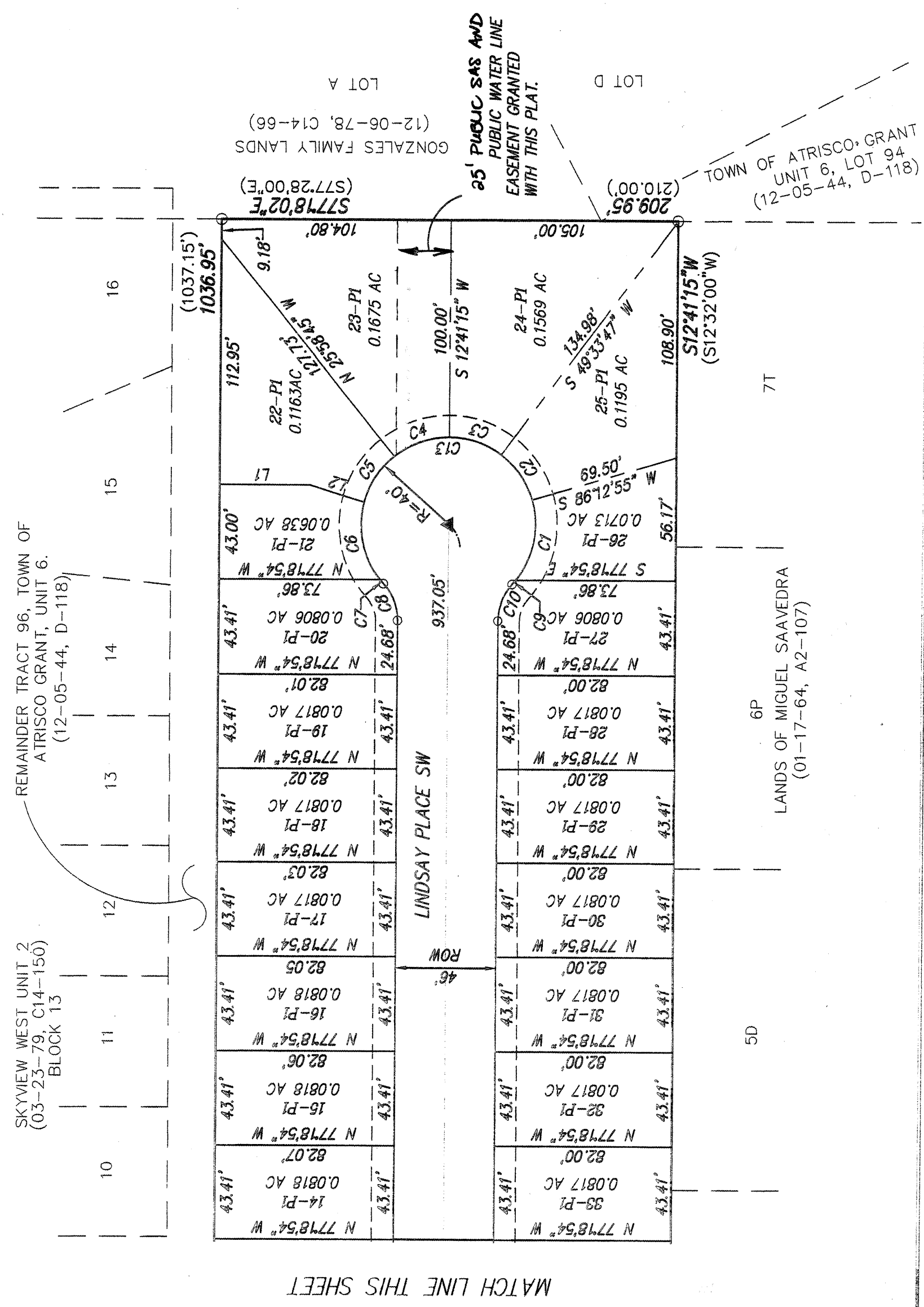
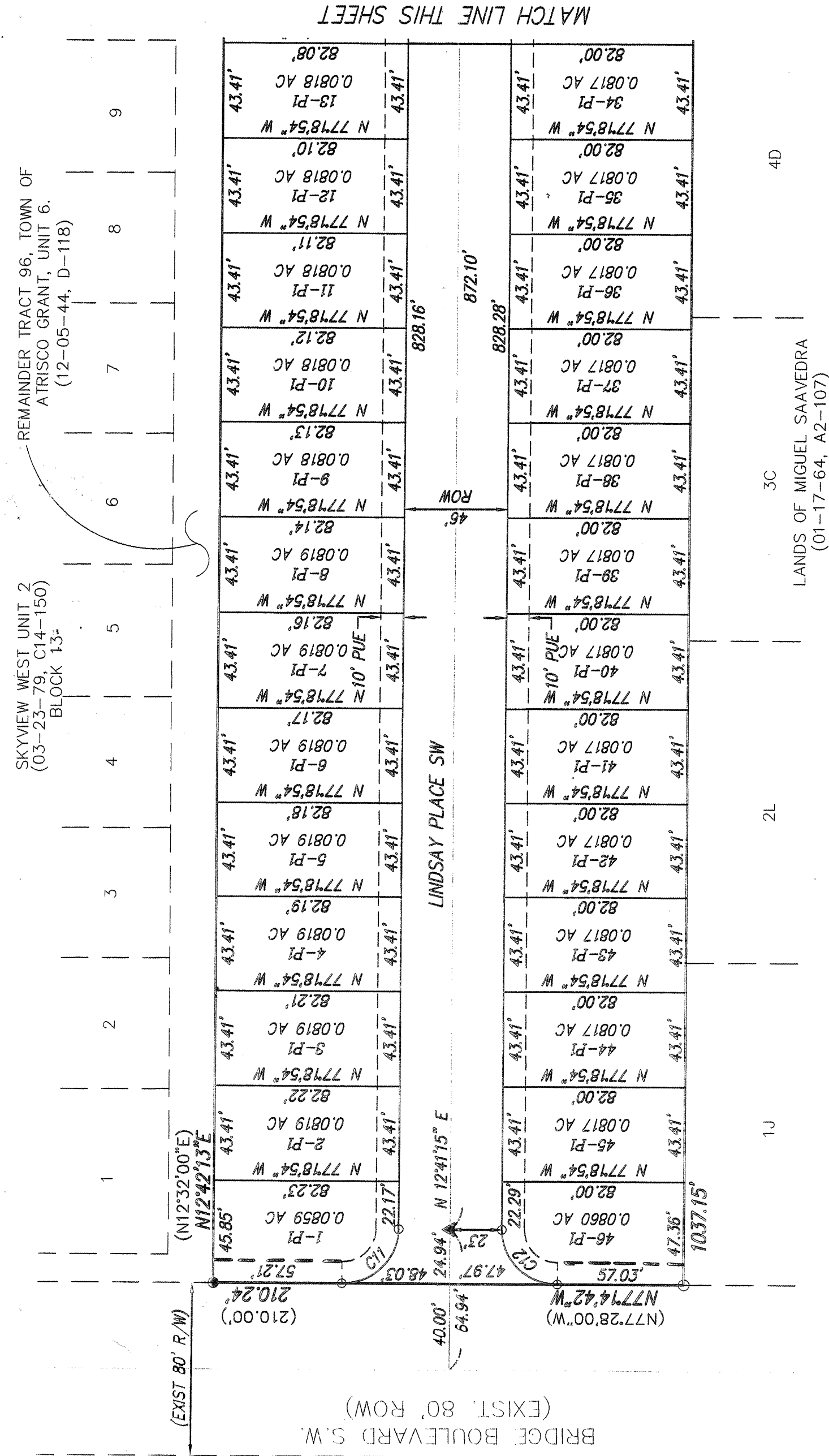
LINE	BEARING	DISTANCE
L1	S7718'54"E	41.07'
L2	S5957'57"E	26.45'

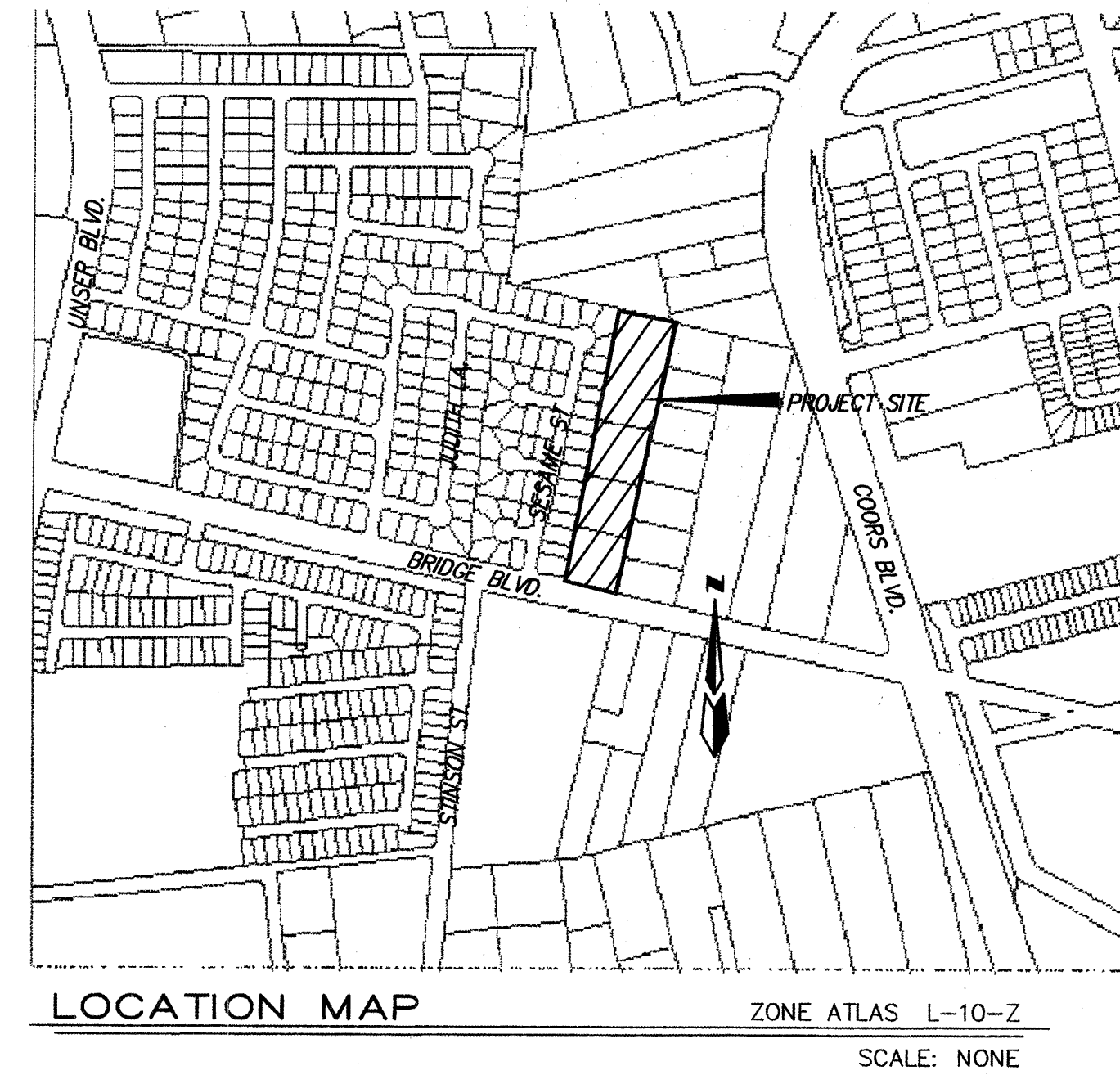
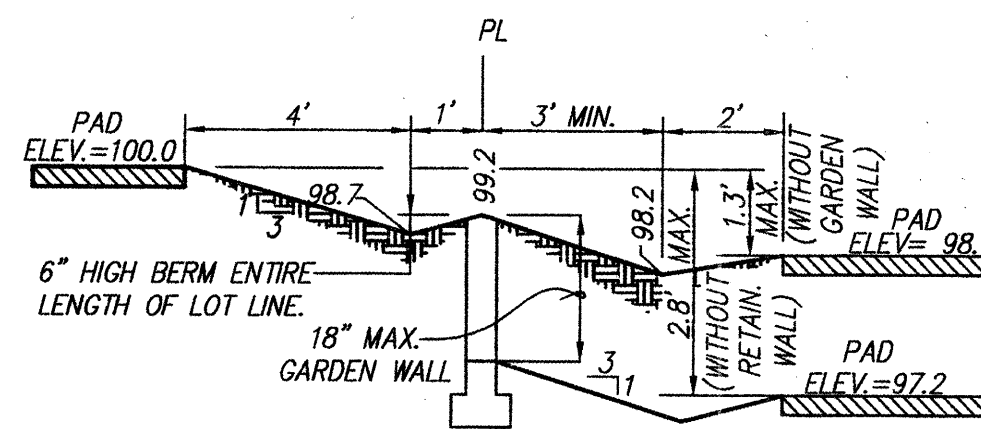
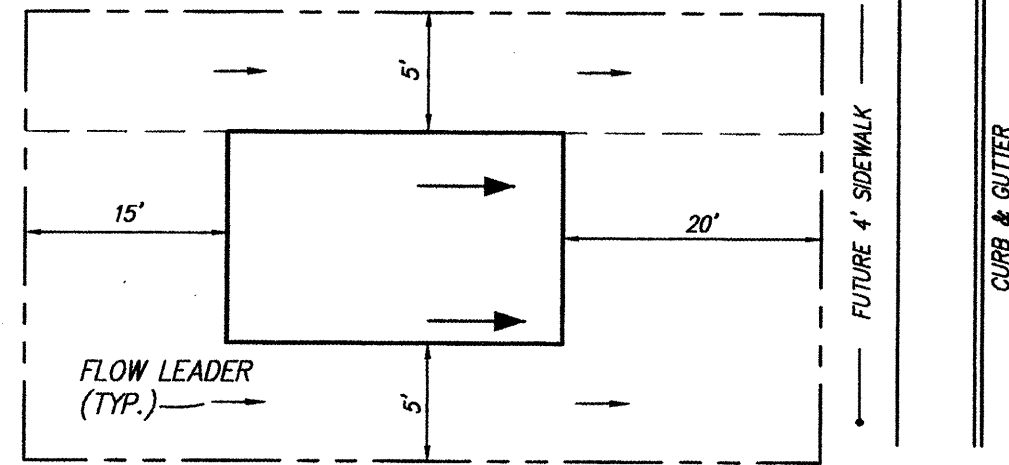
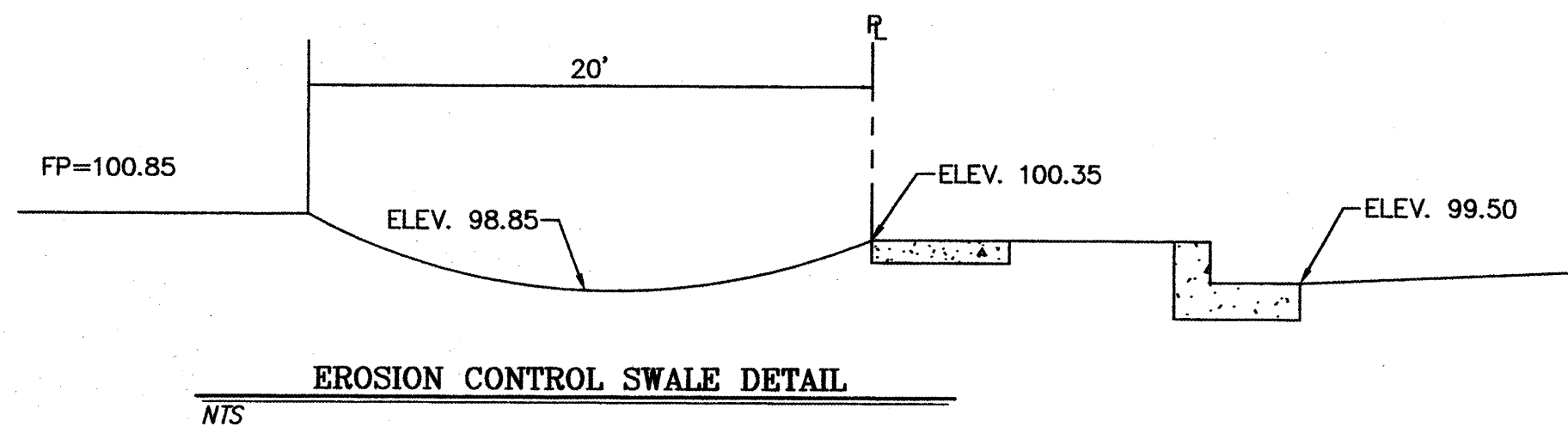
NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "NMPS # 7719".

ABBREVIATIONS
ALL STREETS SHOWN HEREON ARE HEREBY DEDICATED AS PUBLIC RIGHT-OF-WAY

10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT
ROW = RIGHT-OF-WAY

07-17-02





KEY NOTES

- 18" RCP STORM DRAIN PIPE @ 2.27% SLOPE
- SINGLE TYPE "A" INLET
RIM = 57.54, INVERT = 53.50
- 18" RCP STORM DRAIN PIPE @ 1.42% SLOPE
- DOUBLE TYPE "A" INLET
RIM = 57.06, INVERT = 53.00
- 4" TYPE "C" MANHOLE
RIM = 56.73
INVERT(IN) = 52.71
INVERT(OUT) = 52.65
- 24" RCP STORM DRAIN PIPE @ 1.42% SLOPE
- 4" TYPE "C" MANHOLE
RIM = 56.60
INVERT(IN) = 52.02
INVERT(OUT) = 51.87
- 24" RCP STORM DRAIN PIPE
INVERT(OUT) = 51.00
PIPE SHALL MEET CHANNEL AT 15° ANGLE

NOTES:

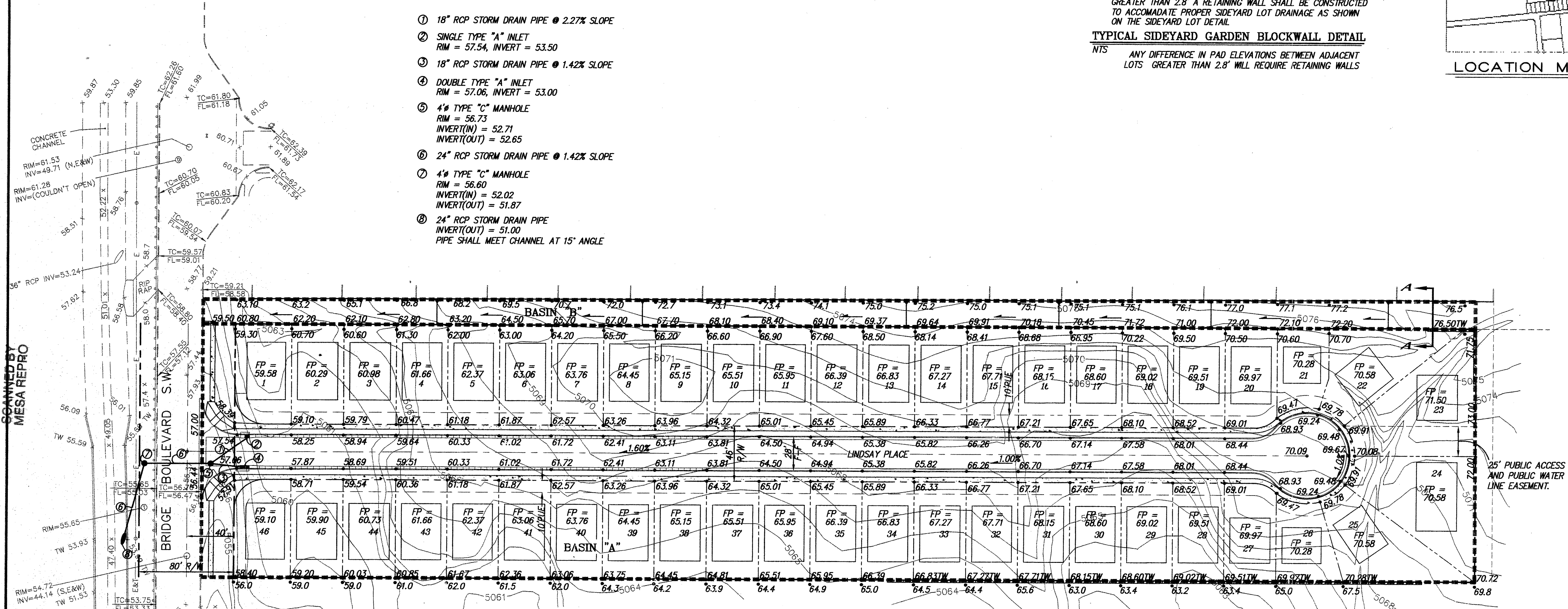
- A BLOCK WALL WILL BE CONSTRUCTED ALONG THE ENTIRE PERIMETER BOUNDARY. (THE DEVELOPER WILL BE RESPONSIBLE FOR ALL PERIMETER WALLS.)
- WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 4.3' AND LESS THAN 2.8' A GARDEN WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
- WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 2.8' A RETAINING WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.

TYPICAL SIDEYARD GARDEN BLOCKWALL DETAIL

NTS ANY DIFFERENCE IN PAD ELEVATIONS BETWEEN ADJACENT LOTS GREATER THAN 2.8' WILL REQUIRE RETAINING WALLS

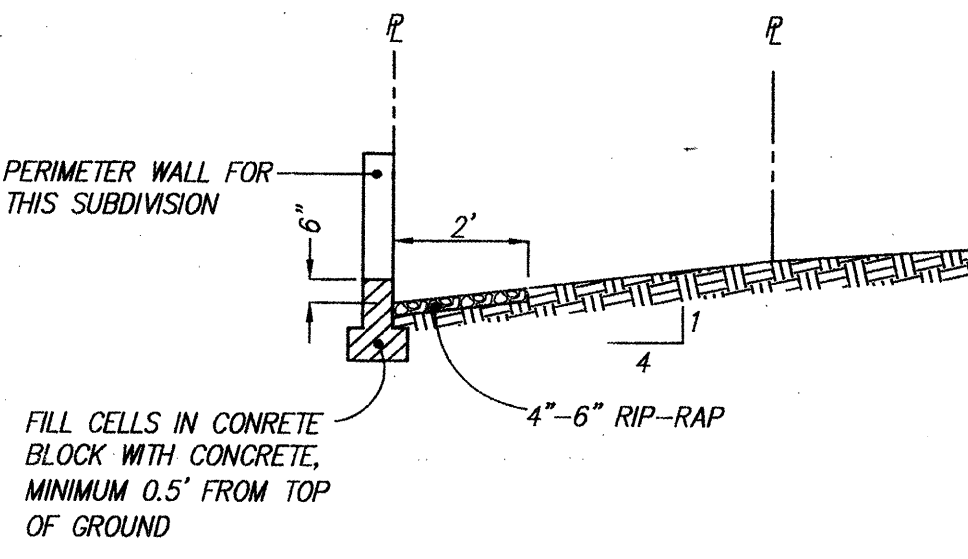
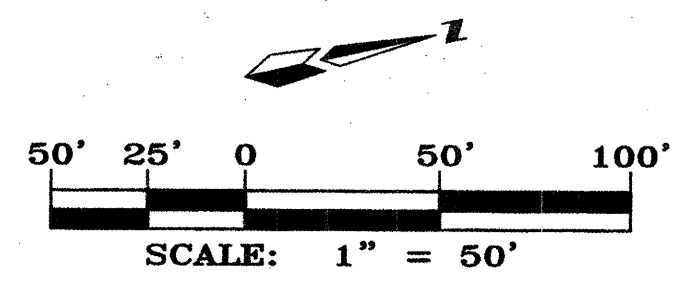
NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
- SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE. THIS SITE IS NOT IN A 100 YEAR FLOOD ZONE PER FIRM MAP PANEL 329.



LEGEND

- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING SAS MANHOLE
- EXISTING STORM SEWER MANHOLE
- EXISTING FENCE
- EXISTING UTILITY
- EXISTING CURB & GUTTER
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- NEW FINISHED PAD ELEVATION
- NEW ROLL CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SPOT ELEVATION
- NEW 3:1 SLOPE
- NEW LOT 20
- NEW TRACT/LOT BOUNDARY
- NEW RIGHT OF WAY
- NEW EASEMENTS
- NEW CENTERLINE OF ROAD
- NEW RETAINING WALL
- NEW FLOW DIRECTION
- NEW SWALE
- NEW SIDEWALK



SECTION A-A BASIN "B" SWALE

CONTRACTOR: FRANKLIN'S		DATE: 05/02	
WORK: BRIDGE CROSSING		DATE: 05/02	
STAMPED BY: CS		DATE: 05/02	
INSPECTED BY: ALD		DATE: 05/02	
FIELD: CS		DATE: 05/02	
DRAWN BY: CS		DATE: 05/02	
CHECKED BY: CS		DATE: 05/02	
RECORDED BY: CS		DATE: 05/02	
NO.:		DATE: 05/02	

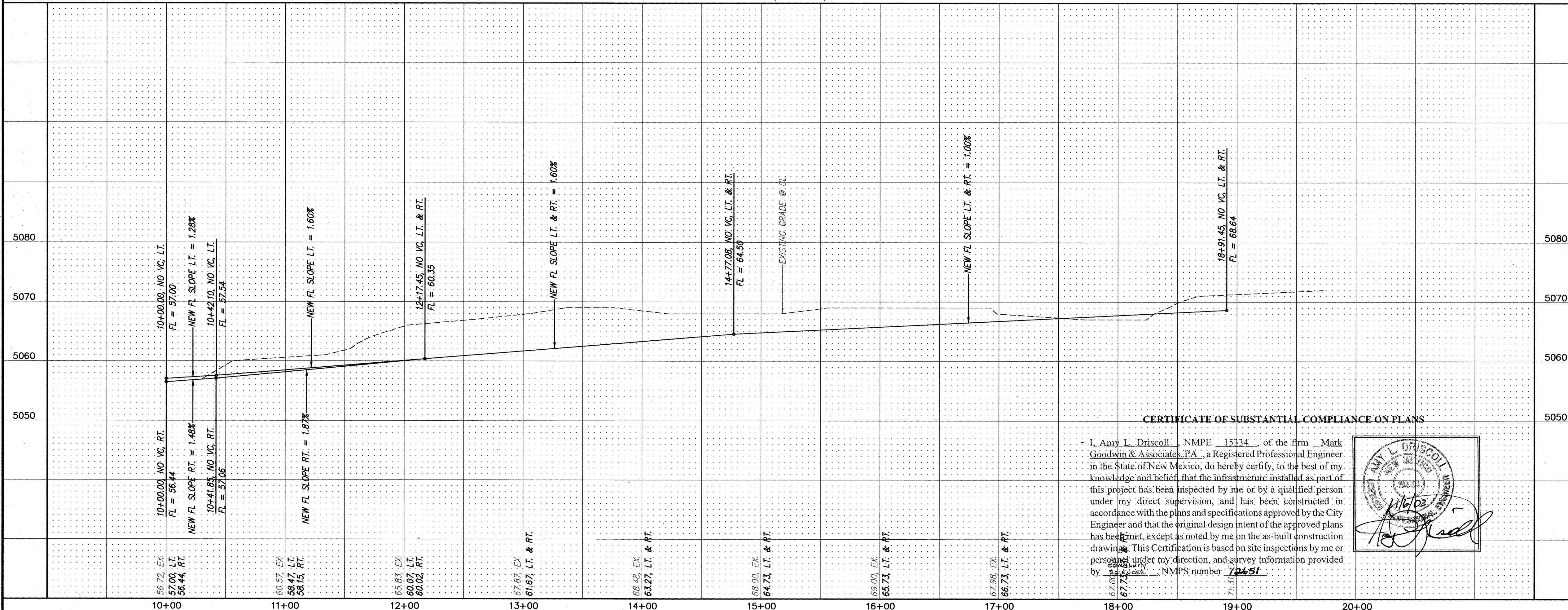
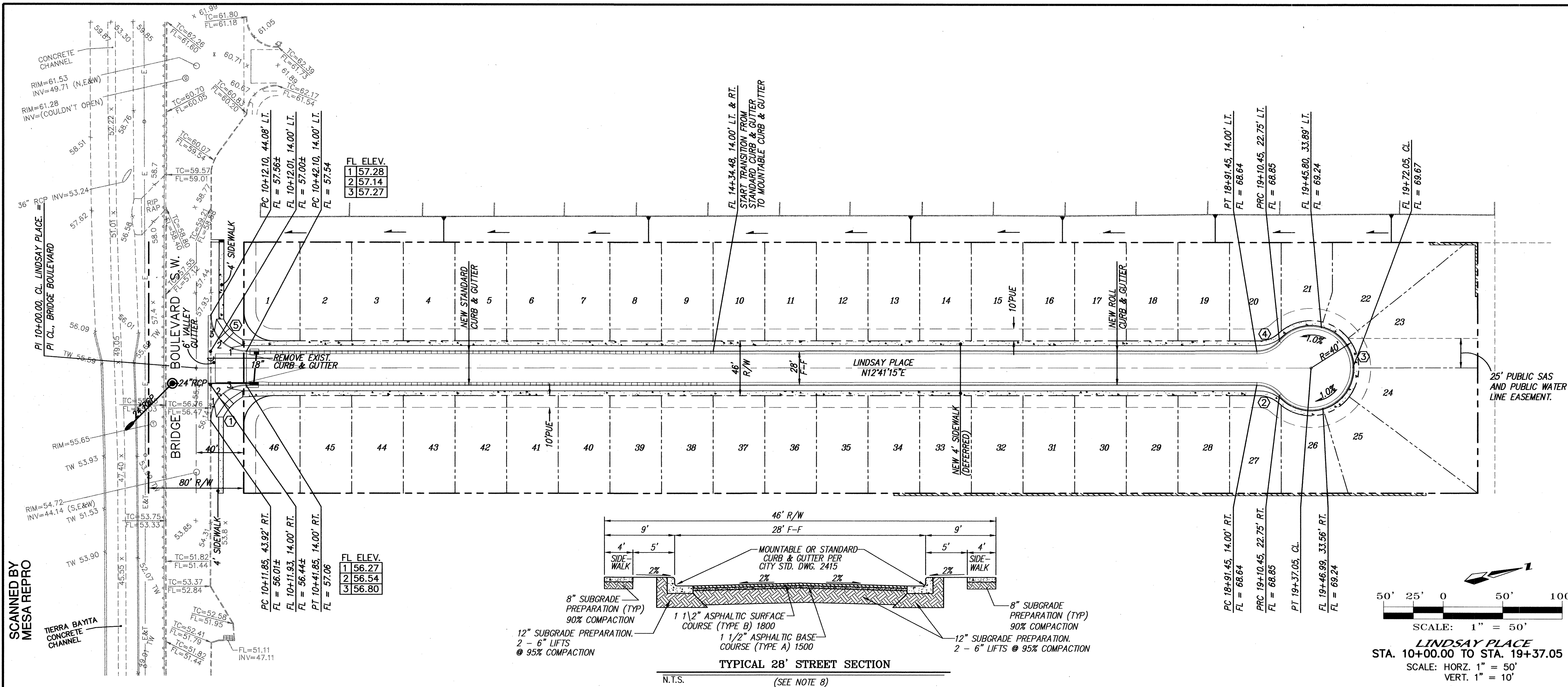
AS BUILT INFORMATION		BENCH MARKS	
CONTRACTOR: FRANKLIN'S		DATE: 05/02	
WORK: BRIDGE CROSSING		DATE: 05/02	
STAMPED BY: CS		DATE: 05/02	
INSPECTED BY: ALD		DATE: 05/02	
FIELD: CS		DATE: 05/02	
DRAWN BY: CS		DATE: 05/02	
CHECKED BY: CS		DATE: 05/02	
RECORDED BY: CS		DATE: 05/02	
NO.:		DATE: 05/02	

SURVEY INFORMATION		ENGINEER'S SEAL	
DATE: 05/02		DATE: 05/02	
BY: CS		DATE: 05/02	
NO.:		DATE: 05/02	

REMARKS		DATE	
DESIGN		05/02	
REVISIONS		05/02	
DATE		05/02	
BY: DMG		DATE: 05/02	
CHECKED BY: DMG		DATE: 05/02	

CITY OF ALBUQUERQUE		PUBLIC WORKS DEPARTMENT	
TITLE: BRIDGE CROSSING		GRADING AND DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	
FOR INFORMATION ONLY		MO./DAY/YR.	
CITY PROJECT NO.		ZONE MAP NO.	
L-10-Z		SHEET 4 OF 11	

SCANNED BY
MESA REPRO



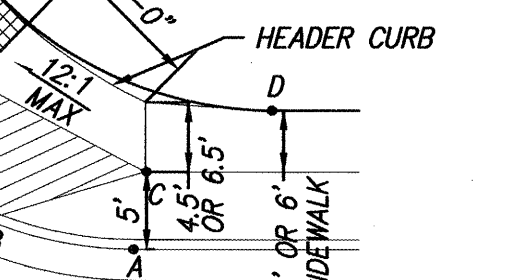
NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
3. ALL 6" VALLEY CUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420.
4. ALL 4" INTERIOR SIDEWALKS ARE DEFERRED.
5. ALL HANDICAP RAMPS ARE PER DETAILS ON THIS SHEET, UNLESS OTHERWISE NOTED.
6. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10 FEET.
7. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50 FEET PER C.O.A. STD. DETAIL #2401.
8. SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 FOR STREETS SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

A = CURB RETURN POINT
B = QUARTER POINT
C = 5' BEHIND FACE OF CURB RETURN
D = RIGHT OF WAY RETURN POINT

GRADE IN THESE AREAS IS NOT CRITICAL.

THIS AREA IS 5' x 5' w/ 50:1 MAX. SLOPE



WHEEL CHAIR RAMP DETAIL

N.T.S. (NOTE: PER C.O.A. STD. DETAIL #2441)

CURVE DATA - DESCRIBES FACE OF CURB

- | | |
|------------------|-----------------|
| ① A = 89°50'19" | ② A = 49°27'30" |
| R = 30.00' | R = 25.00' |
| L = 47.04' | L = 21.58' |
| T = 29.92' | T = 11.51' |
| ③ A = 278°55'00" | ④ A = 49°27'30" |
| R = 35.00' | R = 25.00' |
| L = 170.38' | L = 21.58' |
| T = 29.94' | T = 11.51' |
| ⑤ A = 90°09'41" | |
| R = 30.00' | |
| L = 47.21' | |
| T = 30.08' | |

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

BRIDGE CROSSING LINDSAY PLACE PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE
APPROVED
OCT 22 2002

CITY ENGINEER APPROVAL
APPROVED
OCT 22 2002

CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

691781

L-10

5 11

A2024CBR/A2024-PP1/09-11-02/ACH

SCANNED BY
MESA REPRO

- F:\A02JOBS\A2024CBR\citysign.dwg Thu Sep 12 11:25:29 2002 ACH

-
- The diagram illustrates various traffic control elements and their dimensions, organized into several sections:
- TYPE III BARRICADE:** Shows a barricade with three horizontal panels, each 8" to 12" high. The panels are spaced 5' MIN apart. The top panel is 6" high. The angle of the top panel is 45°. A warning light is mounted on top.
 - CONES:** Shows two types of cones: a standard cone and a larger cone. Both have a height of 28" MIN. The base varies.
 - VERTICAL PANEL:** Shows a vertical panel with a height of 36" MIN. The top panel is 8" to 12" high. The angle of the top panel is 45°. A warning light is mounted on top.
 - HIGH LEVEL WARNING DEVICE:** Shows a high level warning device with a height of 8' MINIMUM. It features a diamond-shaped sign with a cross-hatch pattern and a warning light.
 - TYPE II BARRICADE COLLAPSIBLE:** Shows a collapsible barricade with two horizontal panels, each 8" to 12" high. The panels are spaced 3' MIN apart. The angle of the top panel is 45°. A warning light is mounted on top.
 - BARREL:** Shows a barrel with a height of 5' APPROX. The top panel is 18" MIN high. The angle of the top panel is 45°. A warning light is mounted on top.
 - TYPE I BARRICADE COLLAPSIBLE:** Shows a collapsible barricade with one horizontal panel, 8" to 12" high. The angle of the top panel is 45°. A warning light is mounted on top.
 - TRAFFIC CONTROL ELEMENTS:** A detailed diagram showing the layout of traffic control elements in a work zone. It includes:
 - TERMINATION AREA:** The area where the work zone ends.
 - WORK ZONE:** The area where the work is being performed.
 - BUFFER SPACE:** The space between the work zone and the advance warning area.
 - TYPE III W/ LANE CLOSED:** A sign indicating a lane closure.
 - R11-2a:** A sign indicating a lane closure.
 - W1-6(L):** A sign indicating a lane closure.
 - TAPER AREA (L):** The area where the lane is tapered.
 - ADVANCE WARNING AREA:** The area where the work zone is first indicated.

 W1-1(R) 30 MPH or LESS	 W1-1(L) 30 MPH or LESS	 W1-2(R) 30 MPH or GREATER	 W1-2(L) 30 MPH or GREATER	 W1-3(R) 30 MPH or LESS	 W1-3(L) 30 MPH or LESS	 W1-4(R) 30 MPH or GREATER	 W1-4(L) 30 MPH or GREATER	 W1-6(R)	 W1-6(L)	 W3-1			
 W4-2(R)	 W4-2(L)	 W6-3	 W8-1	 W8-3	 W8-3A	 W8-7	 W13-1	 W12-1	 W8-9a	 W14-2			
 W20-1	 W20-2	 W20-3	 W20-4	 W20-5(R)	 W20-5(L)	 W20-5(2R)	 W20-5(2L)	 W20-5(C)	 W20-7	 W20-7a			
 W1-4bR	 W1-4bL												
 R1-1	 R1-2	 R2-1	 R2-5a	 R2-5b	 R3-1	 R3-2	 R3-3	 R3-7(R)	 R3-7(L)	 R4-7b			
 R4-7b(L)													
 R5-1	 R5-1a	 R6-1(L)	 R6-1(R)	 R7-1	 R11-2	 R11-2a	 R11-4	 M4-8a	 M4-9(R)	 M4-9(L)			
 SPECIAL SIGN 10	 SPECIAL SIGN 10	 SPECIAL SIGN 10	 SPECIAL SIGN 10	ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.							 M4-10(R)	 M4-10(L)	 G20-2

CITYSIGN.DWG 6-11-97

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

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

SPEED MILES PER HOUR	MINIMUM BETWEEN SIGNS	DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

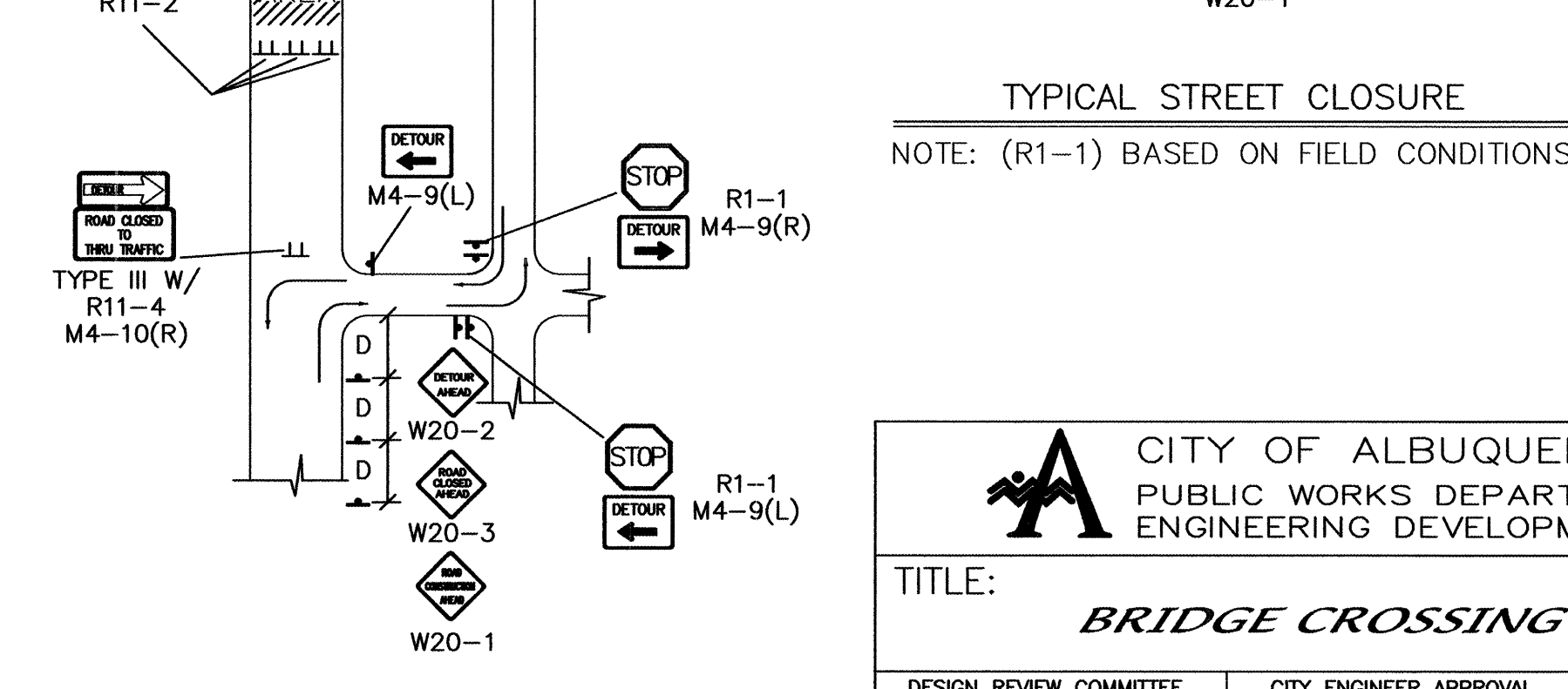
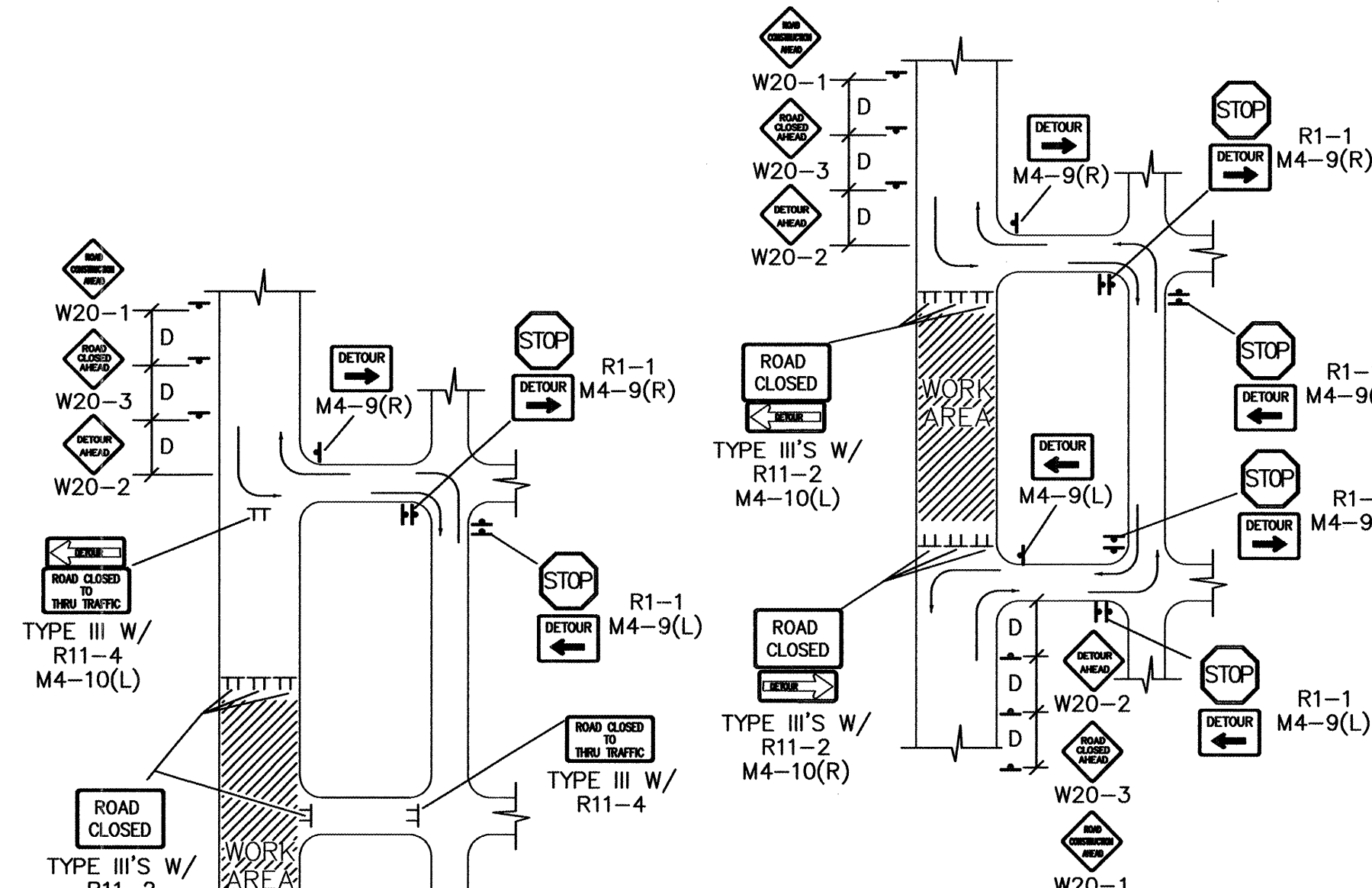
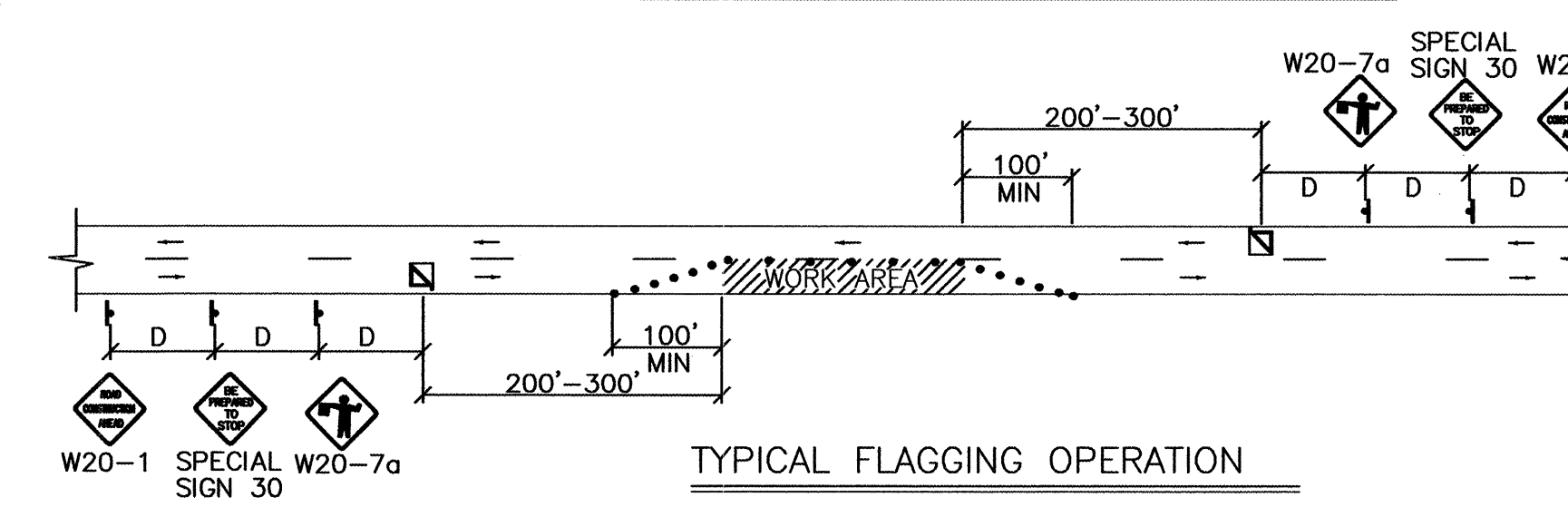
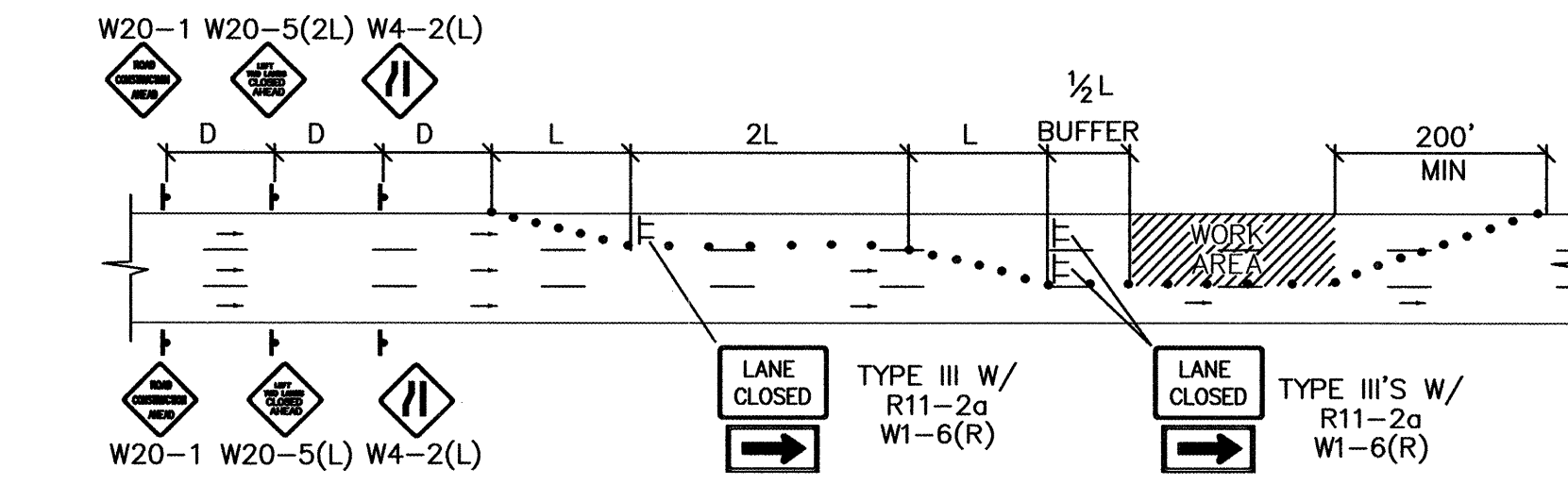
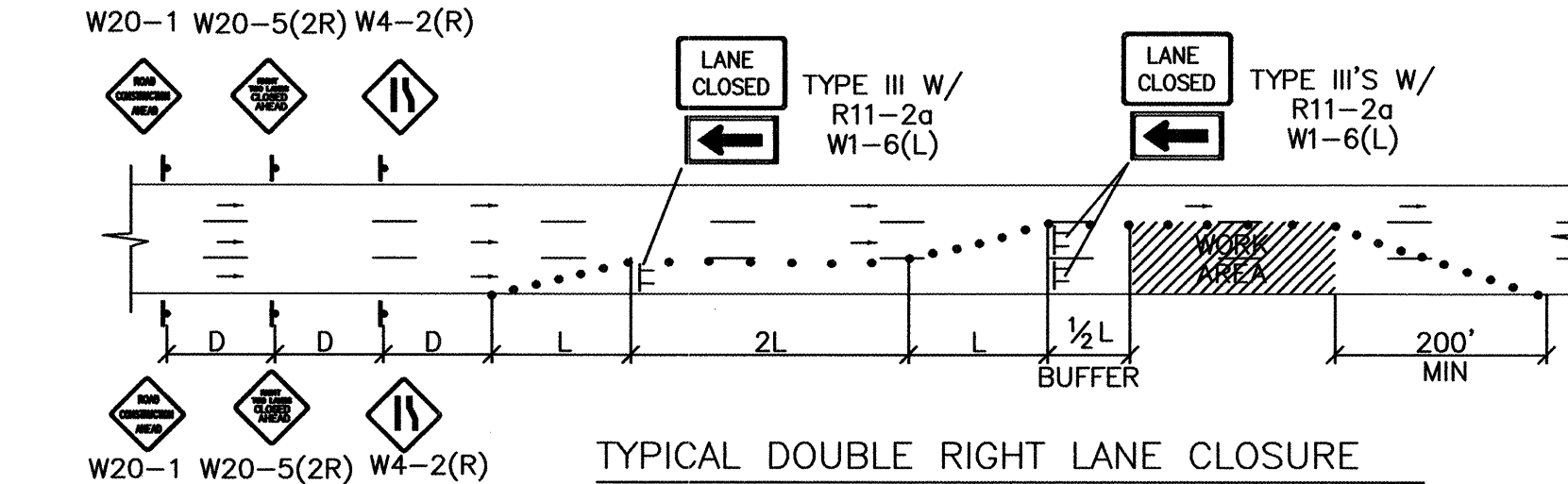
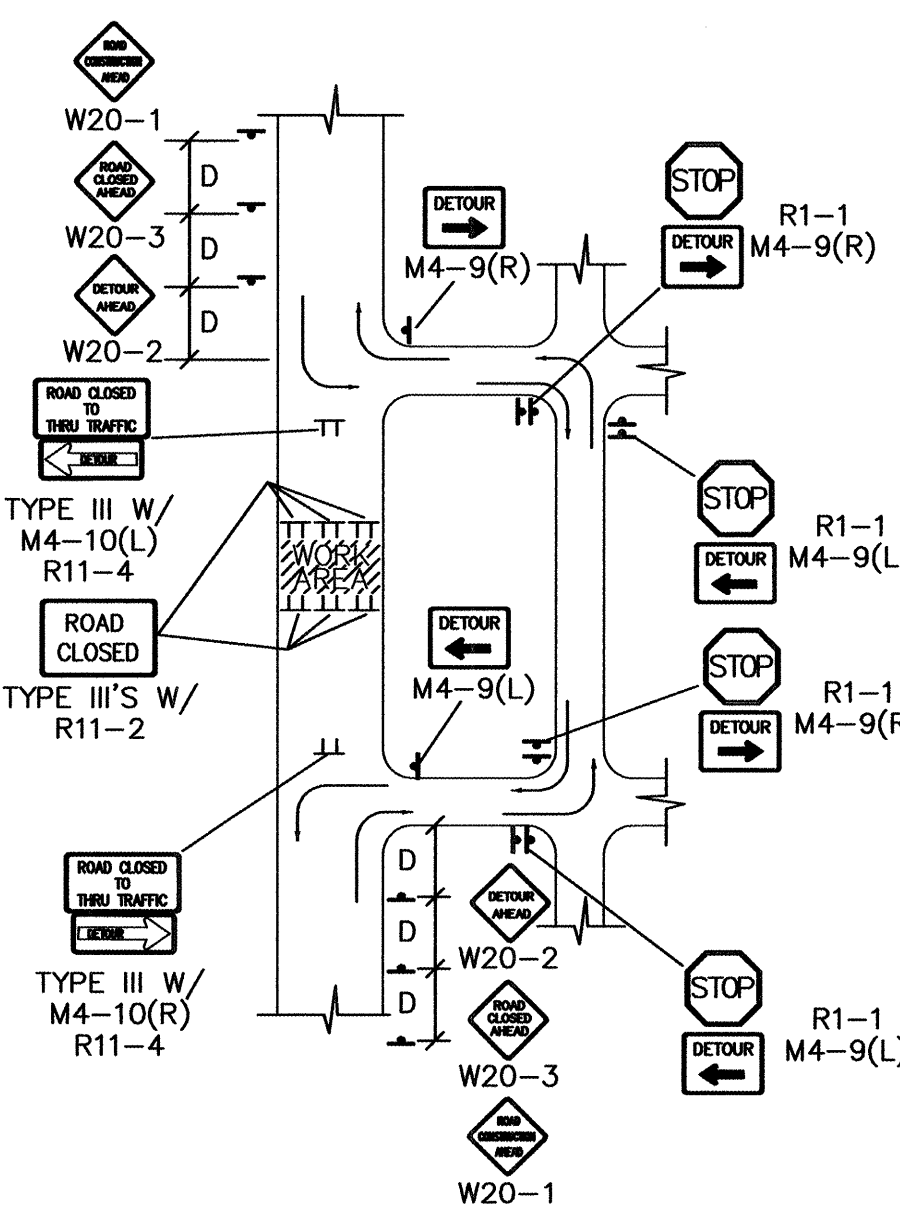
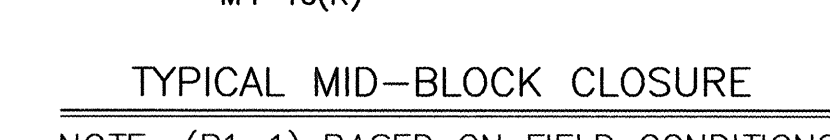
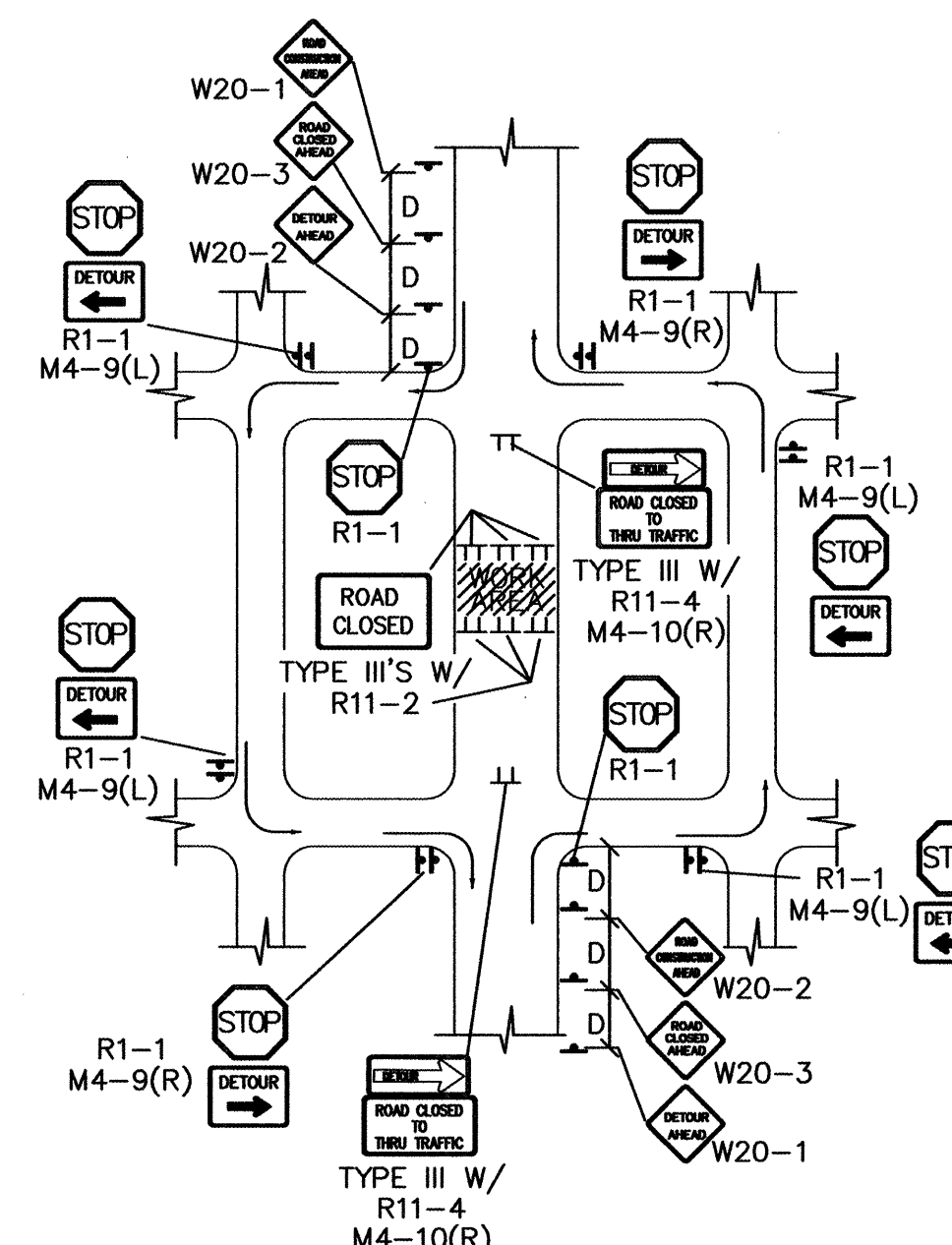
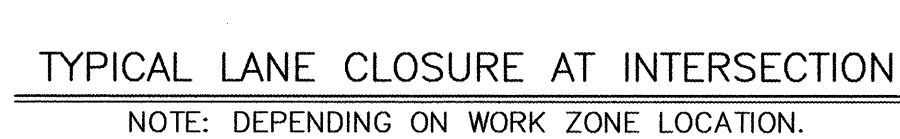
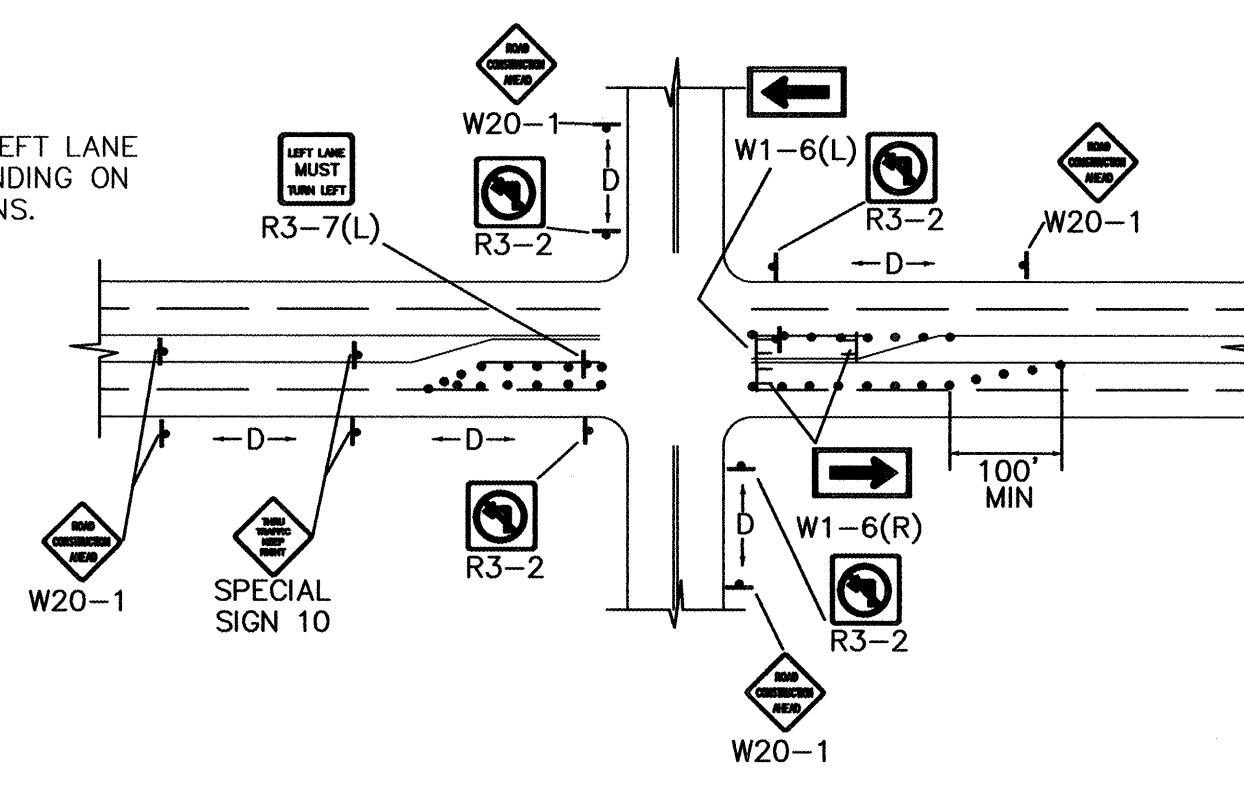
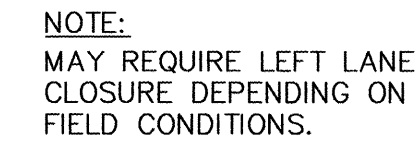
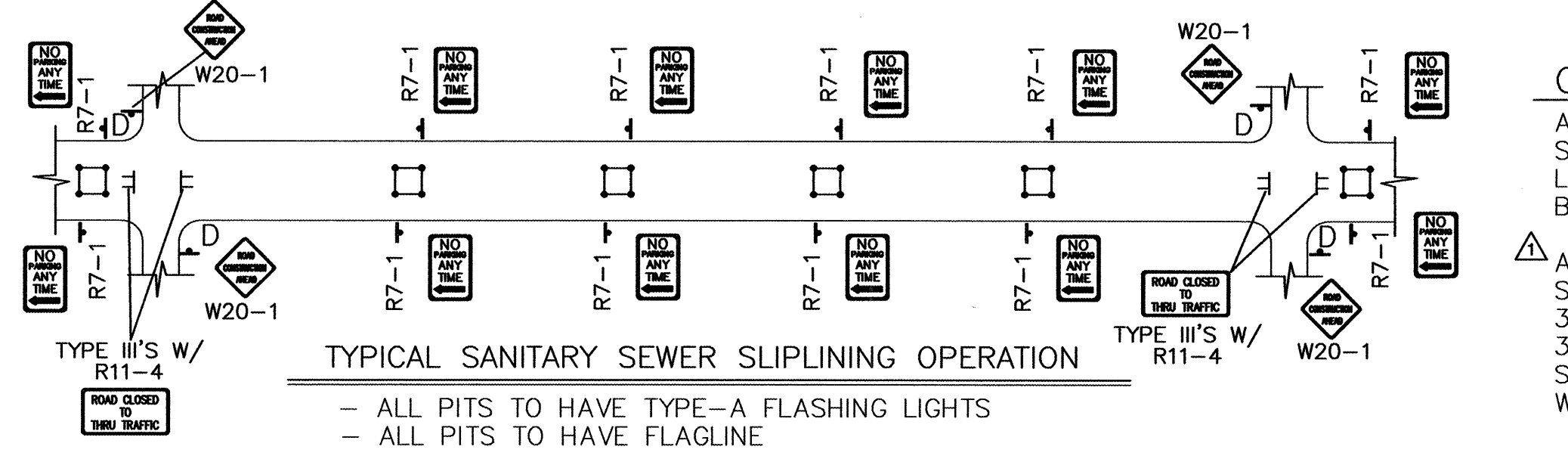
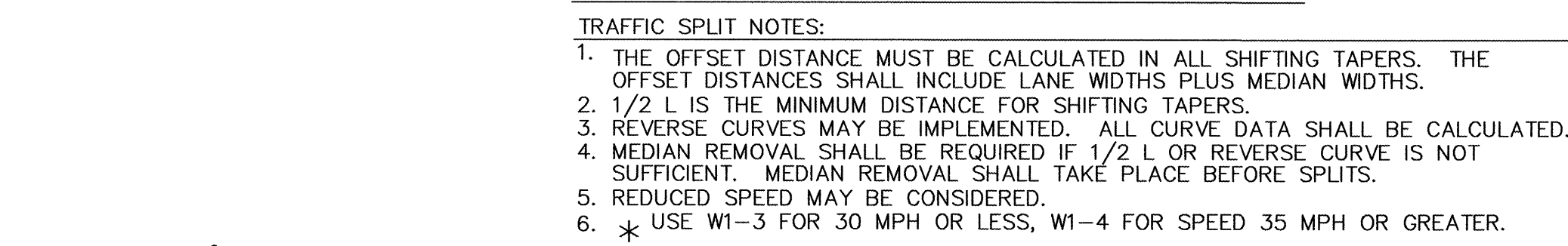
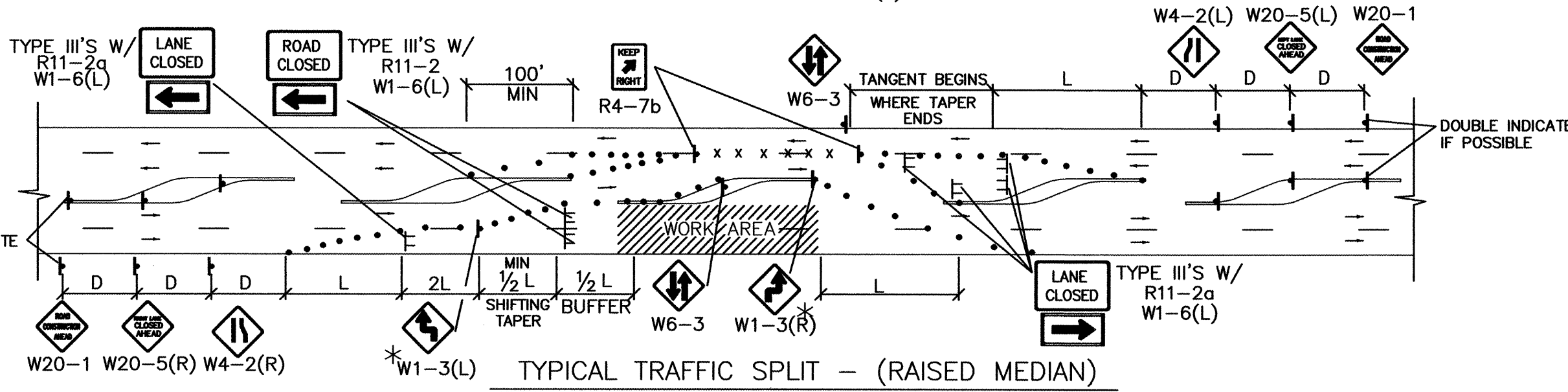
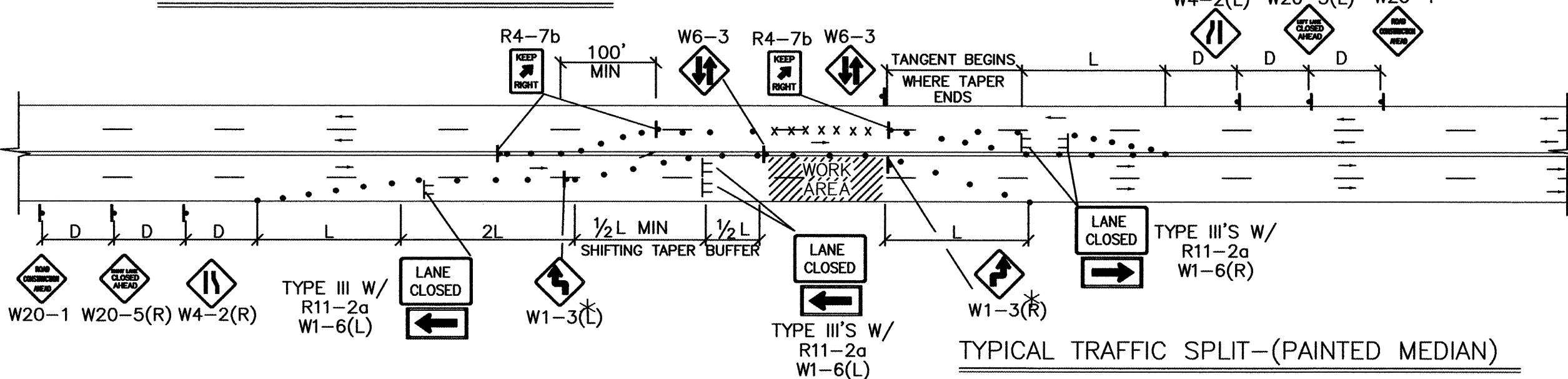
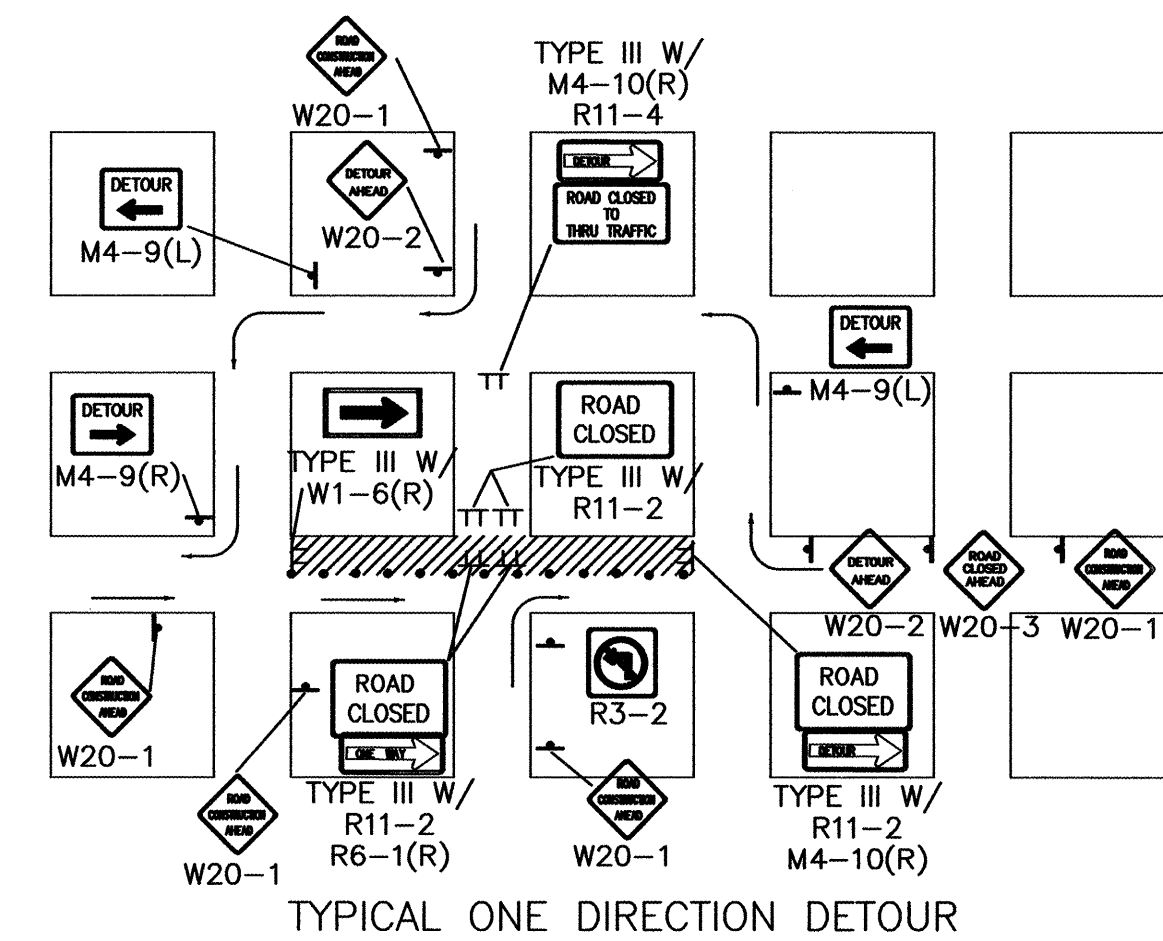
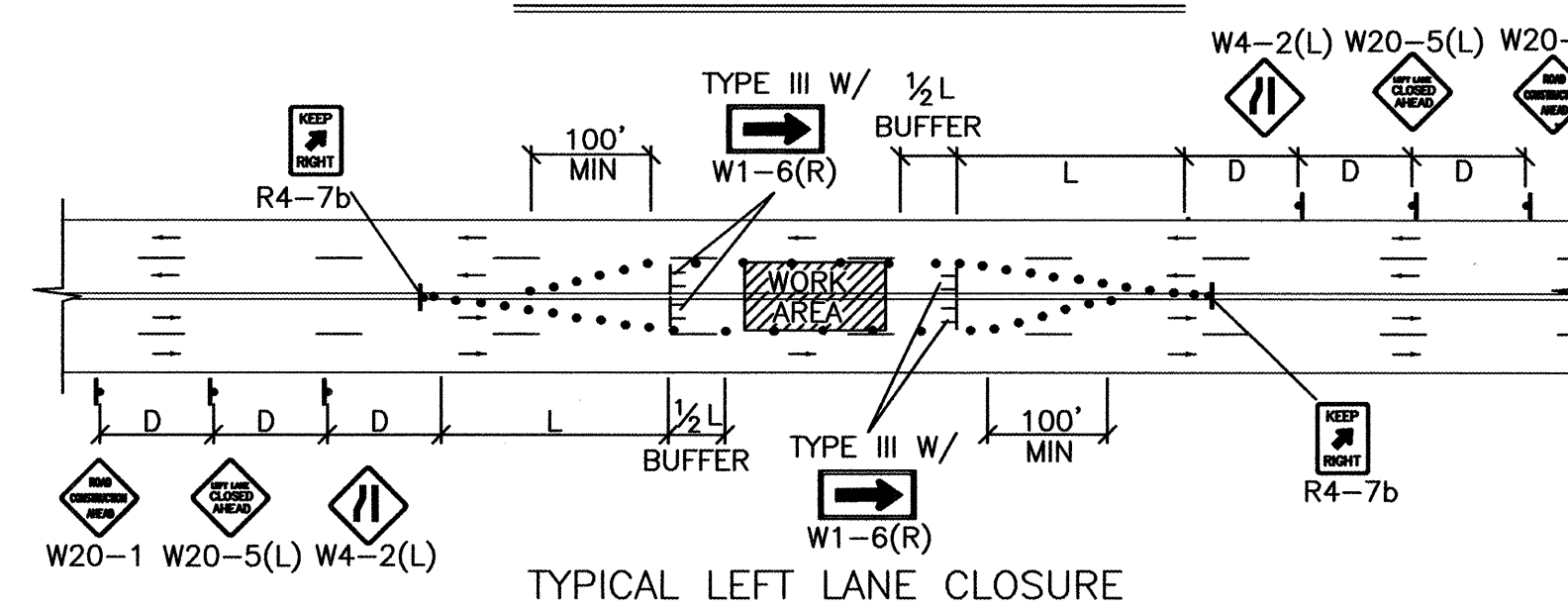
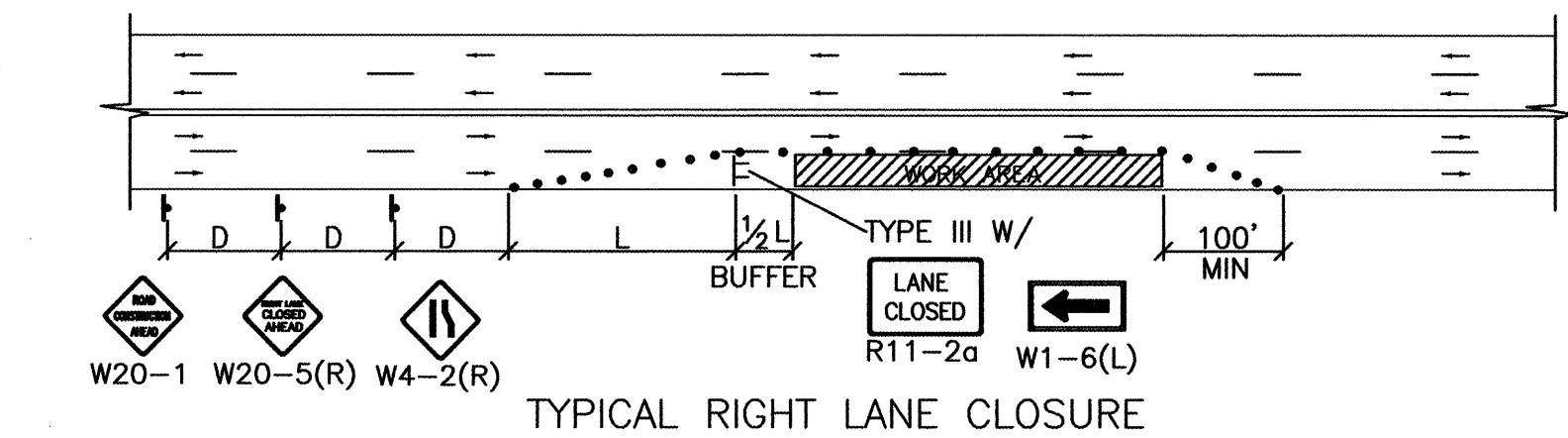
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

<u>SPEED LIMIT</u>	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
 W = WIDTH OF OFFSET IN FEET
 S = POSTED SPEED OR OFF-PEAK
 85-PERCENTILE SPEED IN MPH

ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
J.D.L.	ADD. NOTE NO. 27		FIELD NOTES					
J.D.L.	REVISED NOTE NO. 26		NO.	BY	DATE		CONTRACTOR	DATE
J.D.L.	REVISED NOTE NO. 19						WORK STARTED BY	DATE
J.D.L.	REVISED NOTE NO. 11						INSPECTOR'S FIELD VERIFICATION BY	DATE
BY	REMARKS						FIELD CORRECTED BY	DATE
NO.			DATE					
BY			DATE					
REVISIONS			DATE					
DESIGN			DATE					
DESIGNED BY BOHANNAN HUSTON			DATE 5-97					
DRAWN BY BOHANNAN HUSTON			DATE 5-97					
CHECKED BY BOHANNAN HUSTON			DATE 5-97					

 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP		TITLE:											
		<i>BRIDGE CROSSING SUBDIVISION</i>											
DESIGN REVIEW COMMITTEE C.O.A. STANDARD	CITY ENGINEER APPROVAL C.O.A. STANDARD	LAST DESIGN UPDATE	<table border="1"> <tr> <td>MO./DAY/YR.</td> <td>MO./DAY/YR.</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MO./DAY/YR.	MO./DAY/YR.								
MO./DAY/YR.	MO./DAY/YR.												
CITY PROJECT NO. 691781	ZONE MAP NO. L-10	SHEET 8	OF 11										



DATE		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
UPDATE				FIELD NOTES					
MO./DAY/YR.				NO.		BY		DATE	
				J.D.L.				DATE	
		9/24/97		REVISED		GENERAL NOTE		WORK BY	
		NO.		DATE		REMARKS		INSPECTORS	
								ACCEPTANCE BY	
								DRAWINGS	
								CORRECTED BY	
								MICRO-FILM	
								INFORMATION	
								RECORDED BY	
								DATE	
								NO.	

C.O.A. STANDARD

DESIGNED BY BOHANNAN HUSTON DATE 5-97

DRAWN BY BOHANNAN HUSTON DATE 5-97

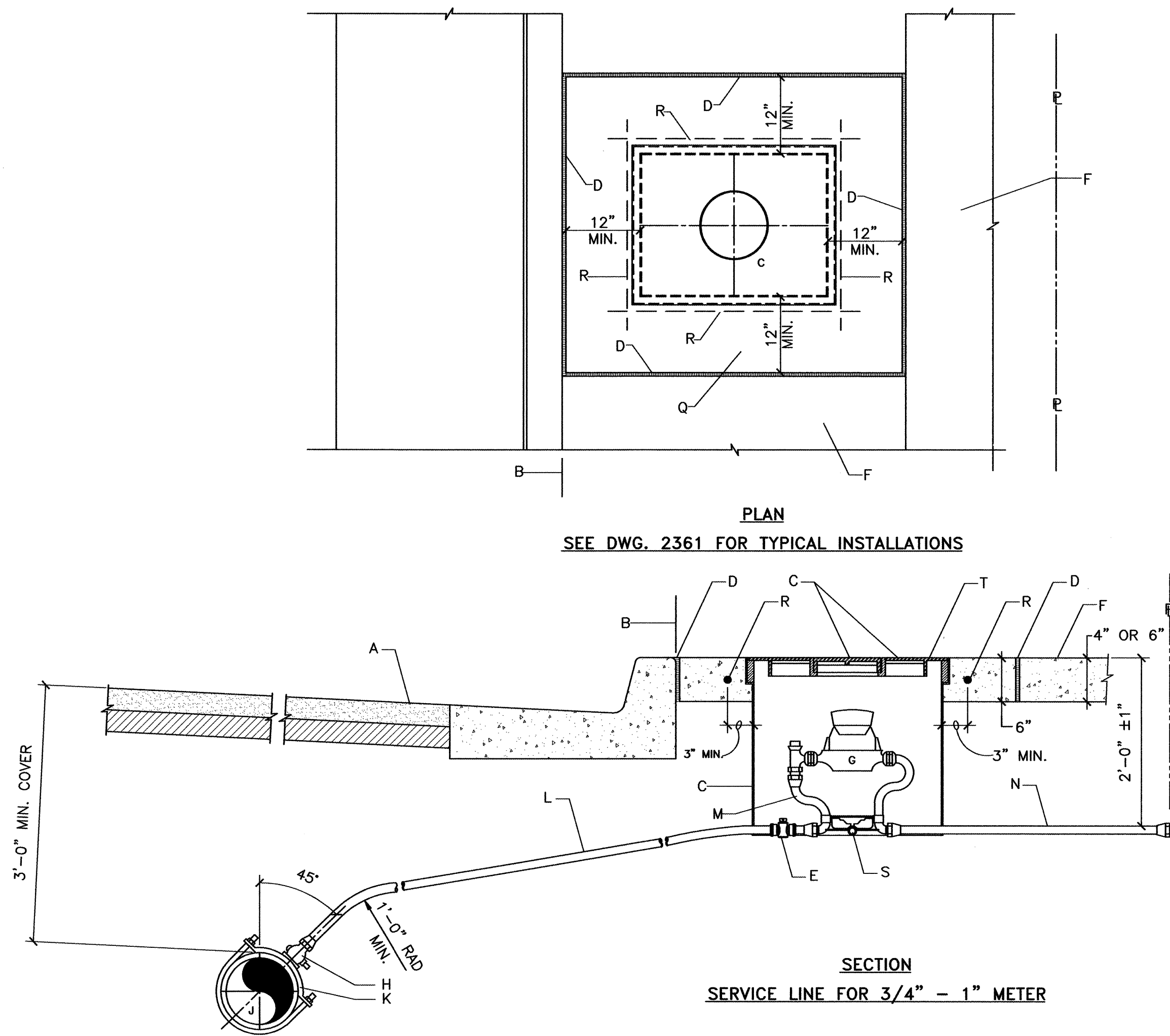
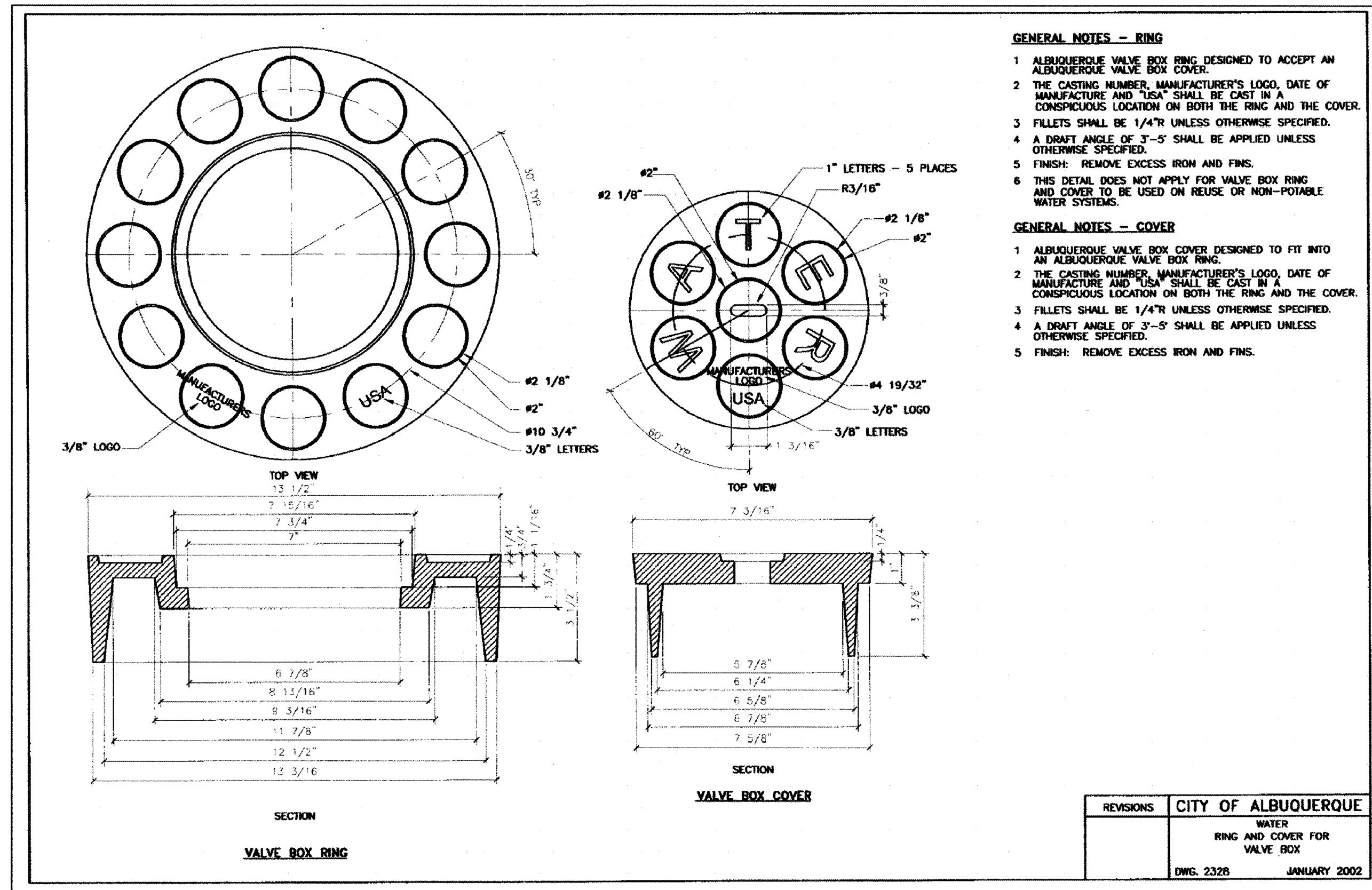
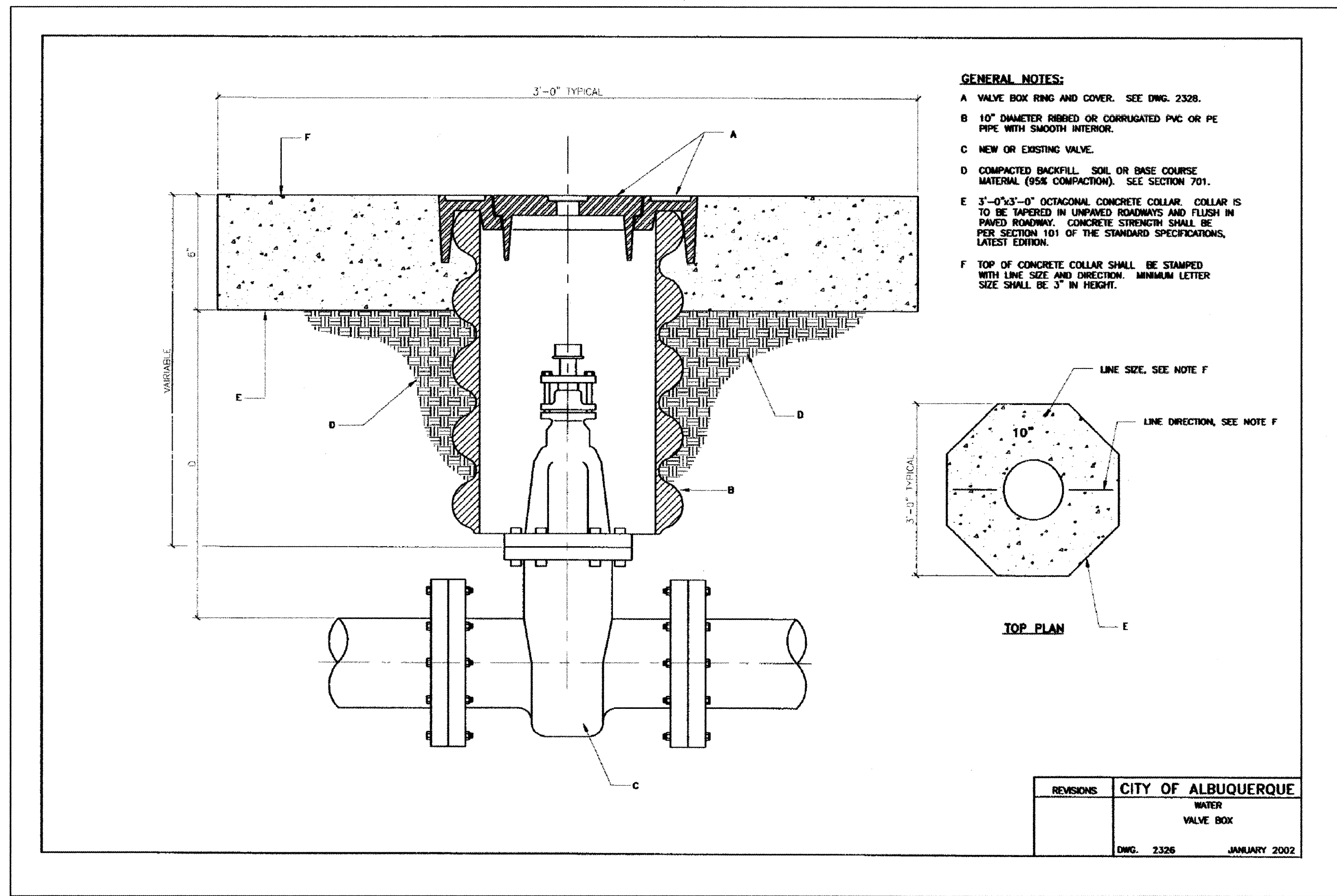
MO./DAY/YR.

MO./DAY/YR.

SHEET OF

F:\A02\005\A2024\CBR\A2024-WAT-DET.dwg Thu Sep 12 11:24:43 2002 ACH

SCANNED BY
MESA REPRO



dmg MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: BRIDGE CROSSING WATER DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
C.O.A. STANDARD	C.O.A. STANDARD
CITY PROJECT NO. 691781	ZONE MAP NO. L-10
SHEET OF 10 11	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR FRANKLIN'S	WORK DATE 9/02	DATE 9/02	DATE 9/02	DATE 9/02	DATE 9/02	DATE 9/02	DATE 9/02
INSPECTOR ALD	INSPECTOR'S DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03
ACCEPTANCE BY CS	ACCEPTANCE BY DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03
DRAWINGS CS	DRAWINGS DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03	DATE 1/03
RECORD BY MICRO-FILM INFORMATION	RECORD BY DATE	DATE	DATE	DATE	DATE	DATE	DATE
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.

C.O.A. STANDARD

