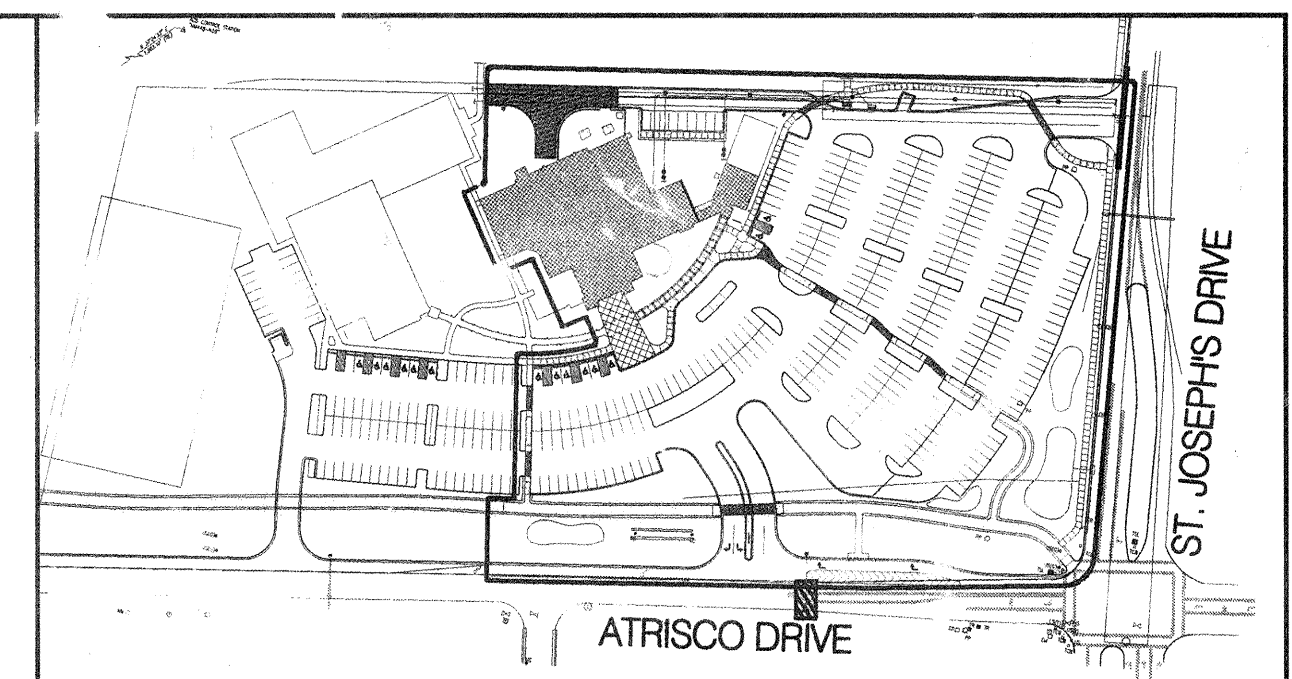


CONSTRUCTION PLANS  
FOR  
St. Joseph on the Rio Grande Parish  
Offsite Infrastructure Plans  
ALBUQUERQUE, NEW MEXICO  
INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2A - 2B	PLAT
3	GRADING PLAN
3A	GRADING PLAN (FOR INFORMATION ONLY)
4	OVERALL UTILITY/PAVING PLAN
5	OVERALL REMOVAL PLAN
	PAVING PLAN AND PROFILE SHEETS
6	ATRISCO DRIVE
7	ST. JOSEPH'S DRIVE
	UTILITY PLAN AND PROFILE SHEETS
8	ST. JOSEPH'S DRIVE
	TRAFFIC CONTROL PLANS
9	OVERALL BARRICADING LAYOUT - PHASE I
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13	LADERA BARRICADING PLAN - PHASE 2
	SPECIAL SIGN
14	FACE DETAILS - PHASE I
15	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
16	TYPICAL TRAFFIC CONTROL & SIGNING STANDARDS (REF. M.U.T.C.D.)

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
- WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.



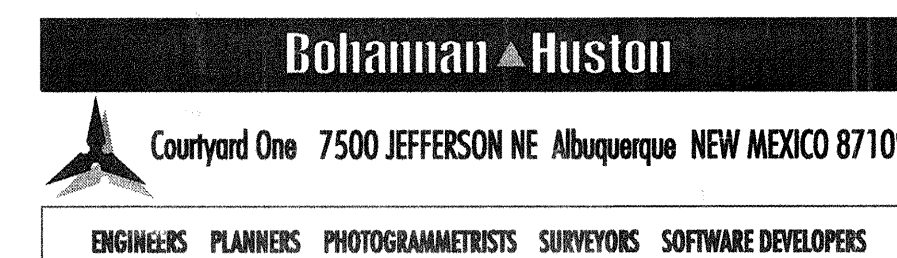
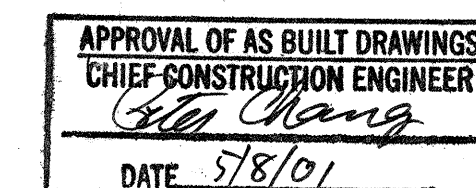
VICINITY MAP  
ZONE MAP NO. G-11

NOTICE TO CONTRACTORS

- 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 AND SHALL INCLUDE UPDATE No.6
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 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. THE 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
- ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS).
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (898-2661) THREE WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI - FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

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 CITY ENGINEER.
- ☒ SIDEWALKS 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.
- ☒ THE REQUESTER OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	5/16/00	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	5-02-00			
		Water/Wastewater	<i>[Signature]</i>	4/20/00			
		Hydrology	<i>[Signature]</i>	4/20/00			
		Parks	<i>[Signature]</i>		City Engineer <i>[Signature]</i> Date 8/8/00		
		Const. Mngmt.	<i>[Signature]</i>				
		Const. Coord.	<i>[Signature]</i>	5/1/00			
DRB Case Number		City Project No.		622381		Sheet 1 of 16	
99-237							



PLAT OF  
TRACTS X-1-A1 & X-1-A2  
UNIVERSITY OF ALBUQUERQUE  
URBAN CENTER  
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO  
FEBRUARY 1998

EX 912 PG 44

LEGAL DESCRIPTION

BEING THAT CERTAIN PARCEL OF LAND SITUATED WITHIN THE TOWN OF ALBUQUERQUE GRANT, WITHIN SECTION 2 (AS PROJECTED), TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, BEING IDENTIFIED AS TRACT X-1-A, UNIVERSITY OF ALBUQUERQUE URBAN CENTER, AS SAID TRACT X-1-A IS SHOWN AND DESIGNATED ON "PLAT OF TRACTS X-1-A & X-1-B, UNIVERSITY OF ALBUQUERQUE URBAN CENTER, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JANUARY 22, 1995, IN VOLUME 95C, FOLIO 228, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED BEING A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF COORS BOULEVARD NW, WHENCE THE ACS CONTROL STATION "M 448-HSB" BEARS N 03°31'27" E, 1,582.60 FEET DISTANCE;

THENCE, S 00°10'12" W, 591.19 FEET DISTANCE TO A POINT ON CURVE;

THENCE, SOUTHWESTERLY, 55.48 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE LEFT (SAID ARC HAVING A RADIUS OF 307.00 FEET), A CENTRAL ANGLE OF 102°11'16" AND A CHORD WHICH BEARS S 02°20'52" W, 55.41 FEET DISTANCE) TO THE POINT OF TANGENCY;

THENCE, S 00°10'12" W, 163.65 FEET DISTANCE TO THE POINT OF CURVATURE;

THENCE, SOUTHWESTERLY, 36.50 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 150.00 FEET, A CENTRAL ANGLE OF 13°56'37" AND A CHORD WHICH BEARS S 07°08'03" W, 36.41 FEET DISTANCE) TO THE POINT OF COMPOUND CURVATURE;

THENCE, SOUTHWESTERLY, 83.35 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 82.00 FEET, A CENTRAL ANGLE OF 85°15'45" AND A CHORD WHICH BEARS S 46°43'41" W, 86.39 FEET DISTANCE) TO THE POINT OF COMPOUND CURVATURE;

THENCE, SOUTHWESTERLY, 47.09 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 250.00 FEET, A CENTRAL ANGLE OF 10°50'16" AND A CHORD WHICH BEARS S 84°45'41" W, 47.22 FEET DISTANCE) TO THE POINT OF TANGENCY ON THE NORTHERLY RIGHT-OF-WAY LINE OF LATERA DRIVE NW;

THENCE, N 89°49'11" W, 315.91 FEET DISTANCE TO THE POINT OF CURVATURE;

THENCE, SOUTHWESTERLY, 436.02 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE LEFT (SAID ARC HAVING A RADIUS OF 3,053.00 FEET, A CENTRAL ANGLE OF 08°10'58" AND A CHORD WHICH BEARS S 86°05'20" W, 435.65 FEET DISTANCE) TO THE POINT OF TANGENCY;

THENCE, S 81°59'51" W, 449.24 FEET DISTANCE TO THE POINT OF CURVATURE;

THENCE, NORTHWESTERLY, 37.84 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 25.00 FEET, A CENTRAL ANGLE OF 85°15'36" AND A CHORD WHICH BEARS N 54°52'21" W, 34.18 FEET DISTANCE) TO THE POINT OF TANGENCY ON THE EASTERLY RIGHT-OF-WAY LINE OF ATISCO DRIVE NW;

THENCE, N 11°41'37" W, 1,009.83 FEET DISTANCE TO THE NORTHWEST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED;

THENCE, S 89°48'20" E, 1,552.22 FEET DISTANCE TO THE NORTHEAST CORNER AND POINT OF BEGINNING OF THE PARCEL OF LAND HEREIN DESCRIBED AND CONTAINING 1,350,137 SQUARE FEET (31.2244 ACRES), MORE OR LESS.

NOTICE OF SUBDIVISION PLAT CONDITIONS

PURSUANT TO SECTION 7 OF THE CITY OF ALBUQUERQUE, NEW MEXICO SUBDIVISION ORDINANCE, THIS PLAT OF LAND IS BEING SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAT AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAT AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.

FUTURE SUBDIVISION OF LANDS WITHIN THIS PLAT, ZONING SITE DEVELOPMENT PLAN APPROVALS, AND DEVELOPMENT PERMITS MAY BE CONDITIONED UPON DEDICATION OF RIGHTS-OF-WAY AND EASEMENTS AND/OR UPON INFRASTRUCTURE IMPROVEMENTS BY THE SUBDIVIDER. THE SUBDIVIDER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS IN ACCORDANCE WITH CURRENT RESOLUTIONS, ORDINANCES AND POLICES IN EFFECT AT THE TIME FOR ANY SPECIFIC PROPOSAL.

THE CITY (AND AMFCA WITH REFERENCE TO DRAINAGE) MAY REQUIRE AND/OR PERMIT EASEMENTS TO BE ADDED, MODIFIED, OR REMOVED WHEN FUTURE PLATS AND/OR SITE DEVELOPMENT PLANS ARE APPROVED.

BY ITS APPROVAL OF THIS SUBDIVISION THE CITY MAKES NO REPRESENTATION OR WARRANTIES AS TO AVAILABILITY OF UTILITIES, OR FINAL APPROVAL OF ALL REQUIREMENTS INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING ITEMS:

WATER AND SANITARY SEWER AVAILABILITY;  
FUTURE STREET DEDICATIONS AND/OR IMPROVEMENTS;  
PARK AND OPEN SPACE REQUIREMENTS;  
DRAINAGE REQUIREMENTS AND/OR IMPROVEMENTS;  
EXCAVATION, FILLING OR GRADING REQUIREMENTS.

ANY PERSON INTENDING DEVELOPMENT OF LANDS WITHIN SUBJECT SUBDIVISION IS CAUTIONED TO INVESTIGATE THE STATUS OF THESE ITEMS.

AT SUCH TIME AS ALL SUCH CONDITIONS HAVE BEEN SATISFACTORILY MET, THE CITY ENGINEER SHALL APPROVE A RECORDABLE DOCUMENT REMOVING SUCH CONDITIONS FROM ALL OR FROM A PORTION OF THE AREA WITHIN THE SUBJECT SUBDIVISION.

Plat & Survey By:

ALBUQUERQUE SURVEYING CO., INC., 2119 Menaul Blvd. N.E., Albuquerque, New Mexico 87107 Ph. (505) 884-2036

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC#:

1-01-060-171484-20846

PROPERTY OWNER OF RECORD: McMahon Nicholas & Mildred W. McMahon

BERNALILLO COUNTY TREASURER'S OFFICE: Pauline Anding 3/12/98

OWNER'S CERTIFICATE

The subdivision shown hereon 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 grant all access, utility and drainage easements shown hereon for the purposes noted. 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.

JOHN T. McMAHON and MILDRED W. McMAHON, as Co-Trustees of the John T. McMahon and Mildred W. McMahon Revocable Trust, dated December 13, 1988

By: John T. McMahon  
JOHN T. McMAHON, Trustee

Dated: Feb 23, 1998

ACKNOWLEDGMENT  
STATE OF NEW MEXICO  
COUNTY OF Bernalillo

The foregoing instrument was acknowledged before me this 23rd day of February, 1998 by John T. McMahon and Mildred W. McMahon, Co-Trustees of the John T. McMahon and Mildred W. McMahon Revocable Trust, on behalf of the Trust.

My commission expires: 12/13/98  
Notary Public

By: Mildred W. McMahon  
MILDRED W. McMAHON, Trustee

Dated: Feb 23, 1998

ACKNOWLEDGMENT  
STATE OF NEW MEXICO  
COUNTY OF Bernalillo

The foregoing instrument was acknowledged before me this 23rd day of February, 1998 by Mildred W. McMahon, Trustee of the John T. McMahon and Mildred W. McMahon Revocable Trust, on behalf of the Trust.

My commission expires: 12/13/98  
Notary Public

MLK LTD. CO., a New Mexico limited liability company

By: Nicholas P. McMahon

Dated: 2/17/98

ACKNOWLEDGMENT  
STATE OF NEW MEXICO  
COUNTY OF Bernalillo

The foregoing instrument was acknowledged before me this 17th day of February, 1998 by Michael L. Kehler, President, MLK LTD. CO., a New Mexico limited liability company, on behalf of the Company.

My commission expires: May 19, 1999  
Notary Public

WESTSIDE LTD. CO., a New Mexico limited liability company

By: JAMES W. ROGERS, Jr., Member

Dated: \_\_\_\_\_

ACKNOWLEDGMENT  
STATE OF NEW MEXICO  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1998 by JAMES W. ROGERS, Jr., Member, WESTSIDE LTD. CO., a New Mexico limited liability company, on behalf of the Company.

My commission expires: \_\_\_\_\_  
Notary Public

Plat & Survey By:

ALBUQUERQUE SURVEYING CO., INC., 2119 Menaul Blvd. N.E., Albuquerque, New Mexico 87107 Ph. (505) 884-2036



PLAT OF  
TRACTS X-1-A1 & X-1-A2  
UNIVERSITY OF ALBUQUERQUE  
URBAN CENTER  
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO  
FEBRUARY 1998

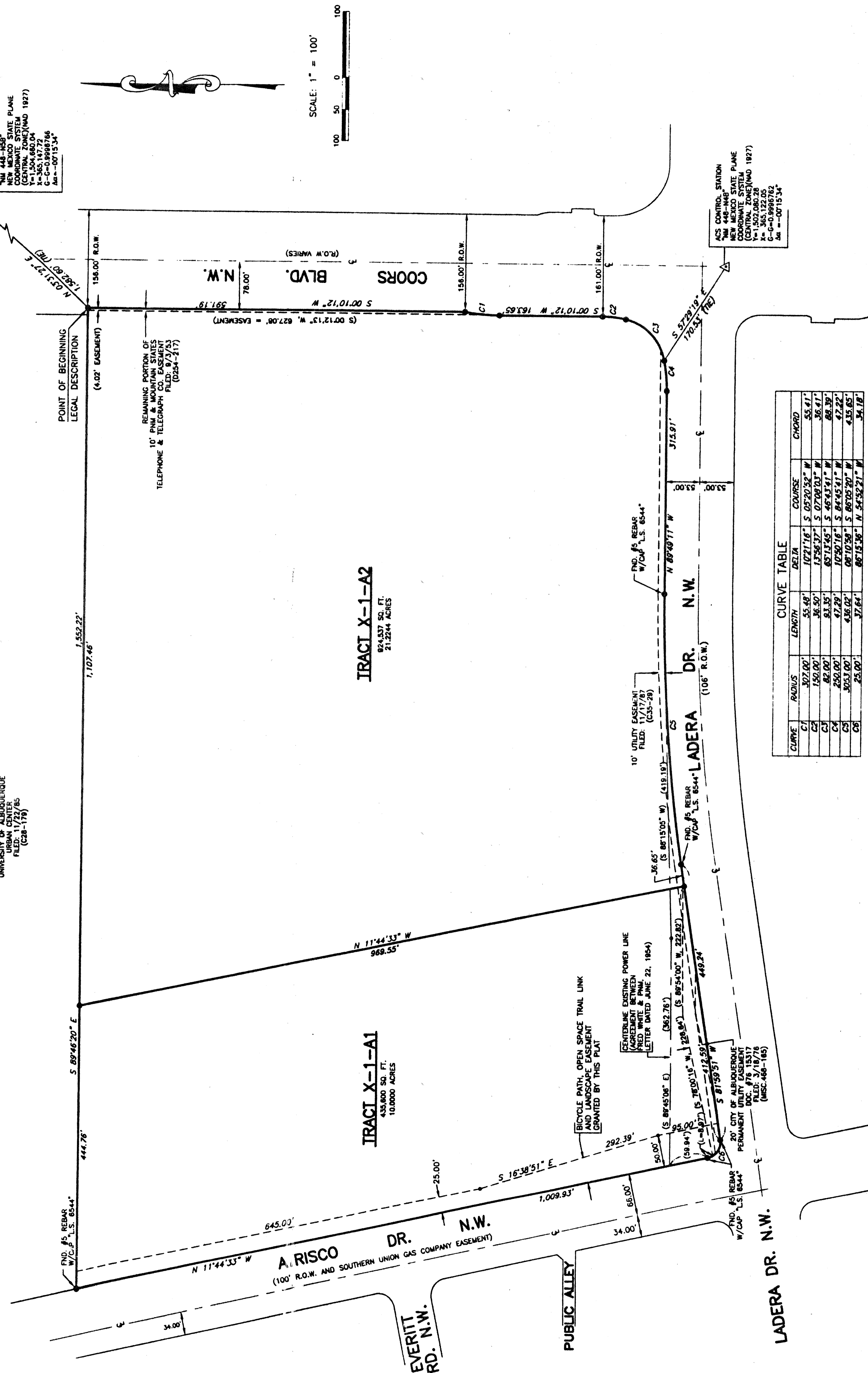
NOTE: TRACT X-1-A2 GRANTS A TEMPORARY PRIVATE BLANKET DRAINAGE EASEMENT FOR THE BENEFIT OF TRACT X-1-A1 UNTIL FUTURE PLATING DEFINES THE PRIVATE EASEMENT ON TRACT X-1-A2, AND SUCH PLATING CREATES AND ESTABLISHES THE PERMANENT DRAINAGE EASEMENT FOR THE BENEFIT OF THE ALBUQUERQUE HYDROLOGY DEPARTMENT. MAINTENANCE OF THE TEMPORARY PRIVATE BLANKET DRAINAGE EASEMENT WILL BE THE RESPONSIBILITY OF TRACT X-1-A2.

TRACT A-1-A  
UNIVERSITY OF ALBUQUERQUE  
RECORDING STATE  
FILED: 11/27/95  
(028-176)

TRACT X-1-A1  
UNIVERSITY OF ALBUQUERQUE  
RECORDING STATE  
FILED: 11/27/95  
(028-176)

ACS CONTROL STATION  
NAD 83 - NAD 29  
TRANSFORMED STATE PLANE  
COORDINATE SYSTEM  
(CENTRAL ZONE) (NAD 1983)  
Easting: 100,000.00  
Northing: 1,000,000.00  
Zone: 10N  
Datum: NAD 83

ACS CONTROL STATION  
NAD 83 - NAD 29  
TRANSFORMED STATE PLANE  
COORDINATE SYSTEM  
(CENTRAL ZONE) (NAD 1983)  
Easting: 100,000.00  
Northing: 1,000,000.00  
Zone: 10N  
Datum: NAD 83







Bohannan & Huston  
Civil Engineers  
1500 Jefferson NE, Albuquerque, NM 87109  
Tel: 278-1111  
Fax: 278-1112

**Saint Joseph on the Rio Grande**  
Albuquerque, New Mexico

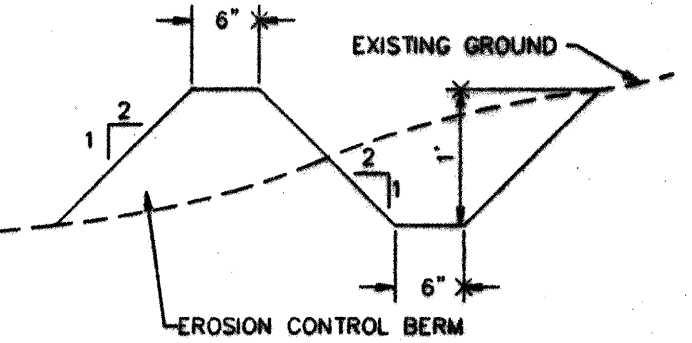
PROJECT NO: 99520A03  
DRAWN BY: BS  
CHECKED BY: KGP  
DATE: 07/16/99  
REVISIONS:  
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△  
FINAL  
GRADING & DRAINAGE  
PLAN

**GENERAL NOTES**

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT PREPARED BY GEO-TEST, INC. DATED 11/12/98.
3. 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.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL SHEET 3 AND SETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO FLOWLINE OR FINISH GRADE UNLESS OTHERWISE NOTED. TA=TOP ASPHALT TS=TOP SIDEWALK
6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
7. ROUGH GRADING WITHIN PUBLIC R.O.W. ALONG ATRISCO DRIVE N.W. WILL BE INCLUDED IN THIS CONTRACT, INCLUDING DRAINAGE SWALES, BERMS AND CULVERTS.

**KEYED GENERAL NOTES**

- 1 STANDARD CURB AND GUTTER AS PER COA STD DWG 2415
- 2 MEDIAN CURB AND GUTTER AS PER COA STD DWG 2415
- 3 6" PINNED CURB AND GUTTER TYPE 1 (TYP. ON ISLANDS) AS PER COA STD DWG 2415
- 4 TEMPORARY ASPHALT CURB (PHASE 1)
- 5 TRANSITION FROM STANDARD CURB AND GUTTER TO 6" MEDIAN CURB AND GUTTER
- 6 FUTURE STANDARD CURB AND GUTTER AS PER COA STD DWG 2415
- 7 FUTURE MEDIAN CURB AND GUTTER AS PER COA STD DWG 2415
- 8 FUTURE 6" PINNED CURB AND GUTTER TYPE 1 (TYP. ON ISLANDS) AS PER COA STD DWG 2415
- 9 ASPHALT AND TOP OF SIDEWALK ARE FLUSH, THIS LOCATION

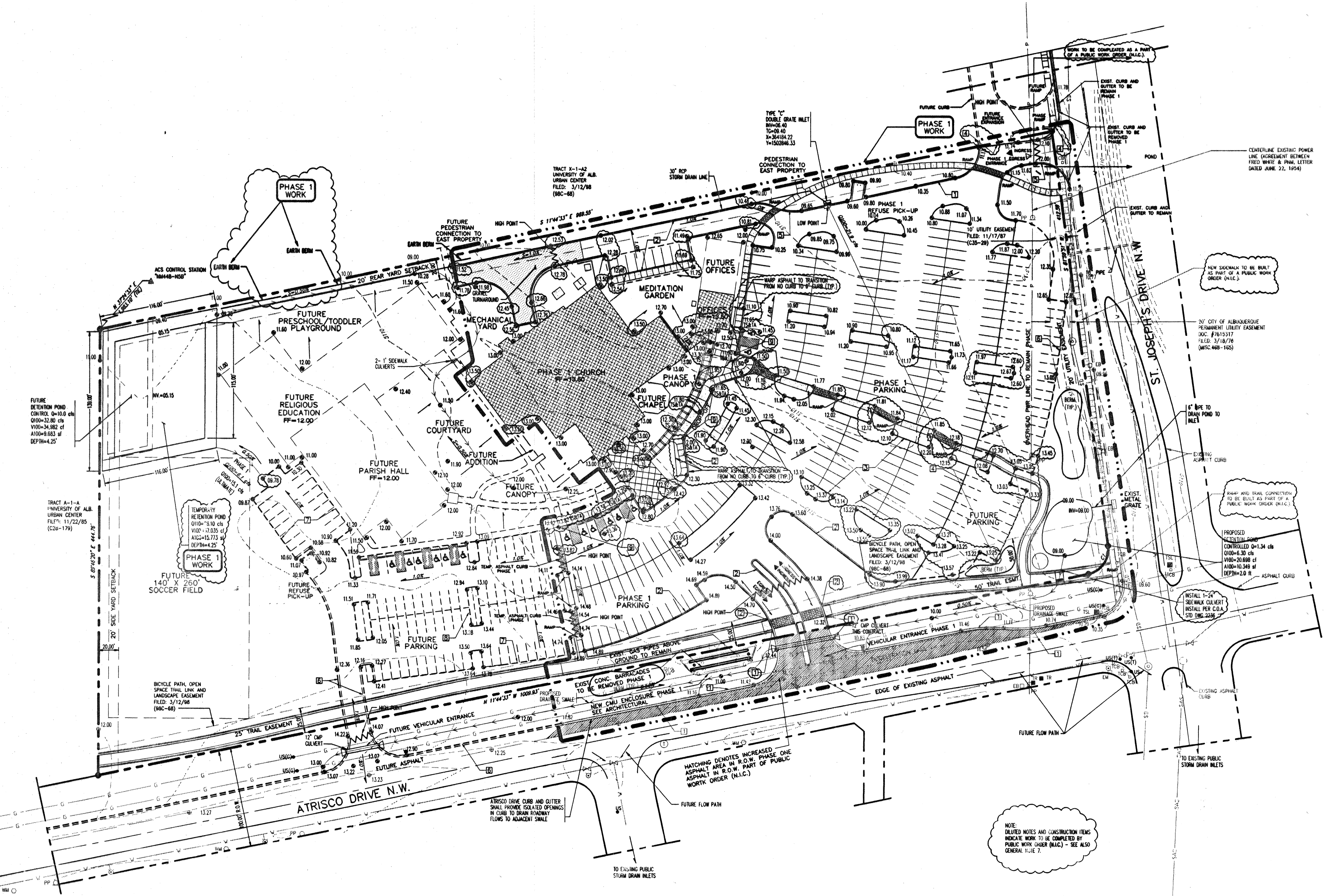
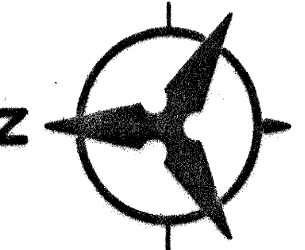


**TYPICAL EROSION CONTROL SECTION**  
N.T.S.

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED ALONG THE PROPERTY LINE DURING CONSTRUCTION, UNTIL COMPLETION OF THE PROJECT.

DESIGNED IN ACCORDANCE WITH MASTER DRAINAGE PLAN FOR ALTURA WEST AND ARCHDIOCESE OF SANTA FE PROPERTIES NEAR ST. PIUS HIGH SCHOOL OCTOBER 21, 1997

ROUGH GRADING	(+0.5')
APPROVED FOR ROUGH GRADING	
DATE	

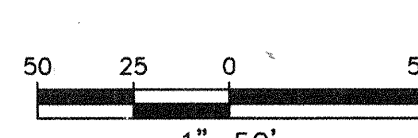
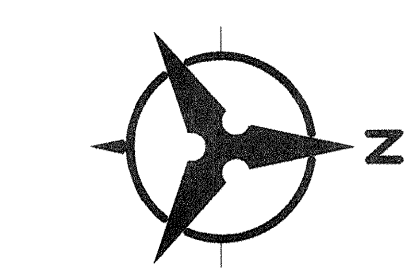
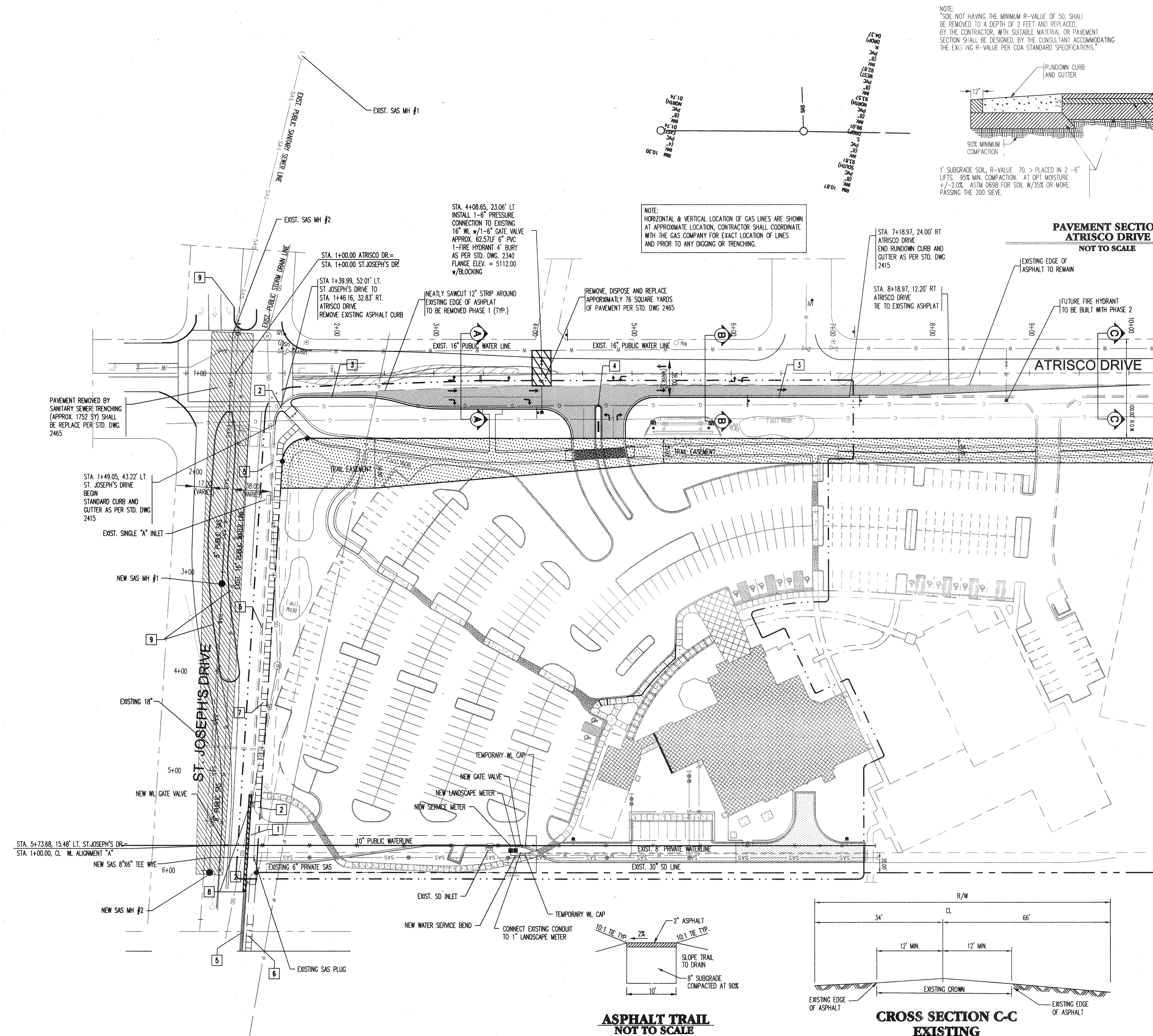


NOTE: DELAYED NOTES AND CONSTRUCTION ITEMS INDICATE WORK TO BE COMPLETED BY PUBLIC WORK ORDER (N.I.C.) - SEE ALSO GENERAL NOTE 7.









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ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

<b>CITY OF ALBUQUERQUE</b> <b>PUBLIC WORKS DEPARTMENT</b> <b>ENGINEERING DEVELOPMENT GROUP</b> St. Joseph on the Rio Grande Parish Overall Utility/Paving Plan	
Design Review Committee APPROVED MAY 10 2000 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED AUG 7 2000 CITY ENGINEER
City Project No. 622381	Zone Map No. G-11
Sheet 4	Of 16

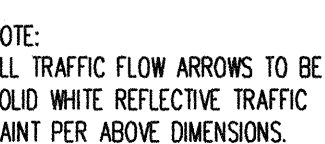
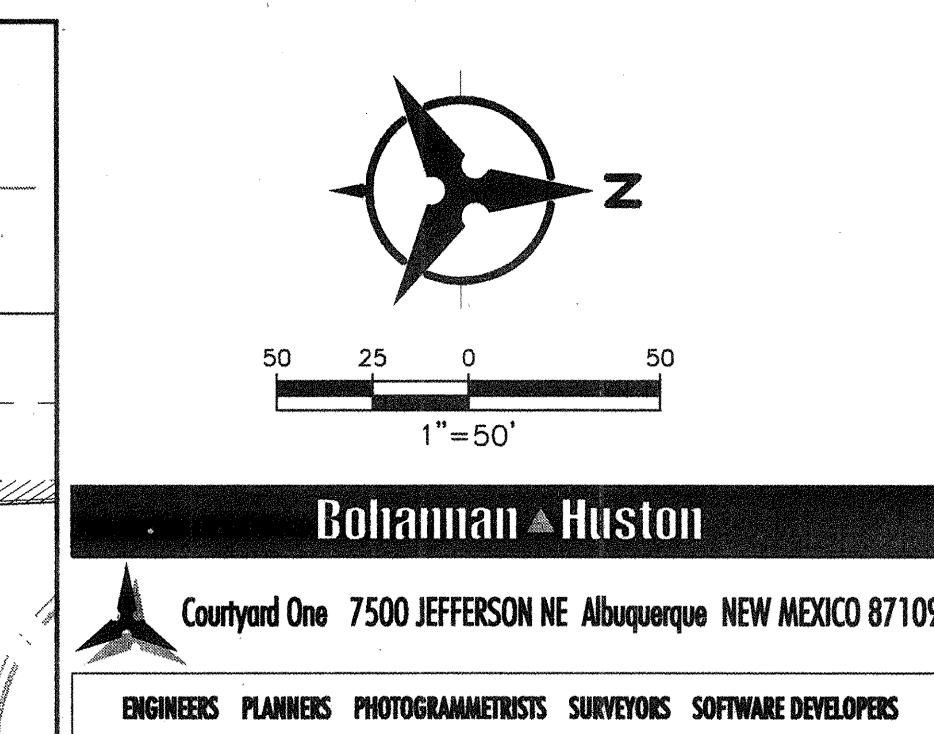
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS BRASS TABLET STAMPED "JOSEF"	DATE	FIELD NOTES	DATE		
WORK	DATE	GEOGRAPHIC POSITION (NAD 1927)	DATE	BY	DATE		
STAMPED BY	DATE	N.M. STATE PLANE COORDINATES	DATE	NO.	DATE		
FIELD ACCEPTANCE BY	DATE	CENTRAL ZONE X=366,686.82	DATE		DATE		
DRAWINGS	DATE	Y=1,502,246.75	DATE		DATE	REVISIONS	
CORRECTED BY	DATE	GROUND TO GRID FACTOR	DATE		DATE		
RECORDED BY	DATE	DELTA ALPHA = 0.001524"	DATE		DATE		
NO.	DATE	NGVD 1929 ELEVATION = 5113.852'	DATE		DATE		



$$1'' = 20'$$


1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

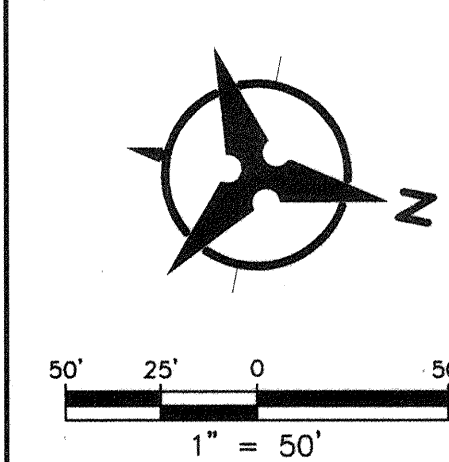
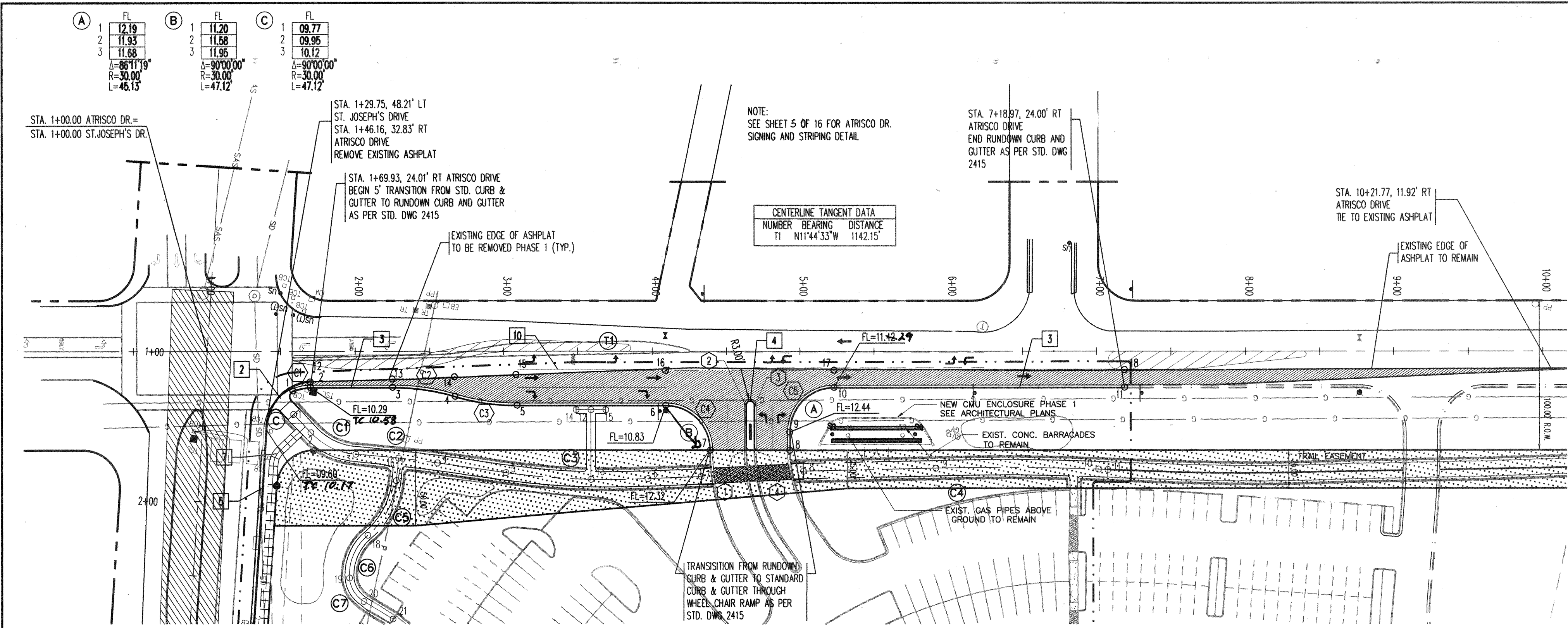
1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL WHEELCHAIR RAMP AS PER PER SHEET '7' OF 16
3. RUNDOWN CURB & GUTTER AS PER STD. DWG. 2415
4. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
5. EXISTING CURB AND GUTTER TO REMAIN
6. FUTURE 6' SIDEWALK
7. BUILD 6' SIDEWALK
8. EXISTING CURB AND GUTTER TO BE REMOVED (PHASE 1)
9. EXISTING ASPHALT CURB


$$1'' = 30'$$

- NOTE:  
REFER TO STREET CROSS  
SECTIONS FOR STRIPING  
WIDTHS, SEE SHEET 4 OF 16

- 
- W1-4L-36





CURB COORDINATE DATA			
PT #	DESC.	X	FL ELEVATION
1	PC	363777.70	1502572.69
2	PT	363781.21	1502571.63
3	PC	363770.00	1502627.56
4	PRC	363767.33	1502669.90
5	PT	363764.65	1502712.24
6	RETURN	363744.30	1502810.15
7	RETURN	363767.57	1502845.62
8	PT	363756.57	1502898.48
9	RETURN	363744.82	1502896.04
10	RETURN	363709.35	1502919.32
11	END OF CURB	363669.47	1503111.18

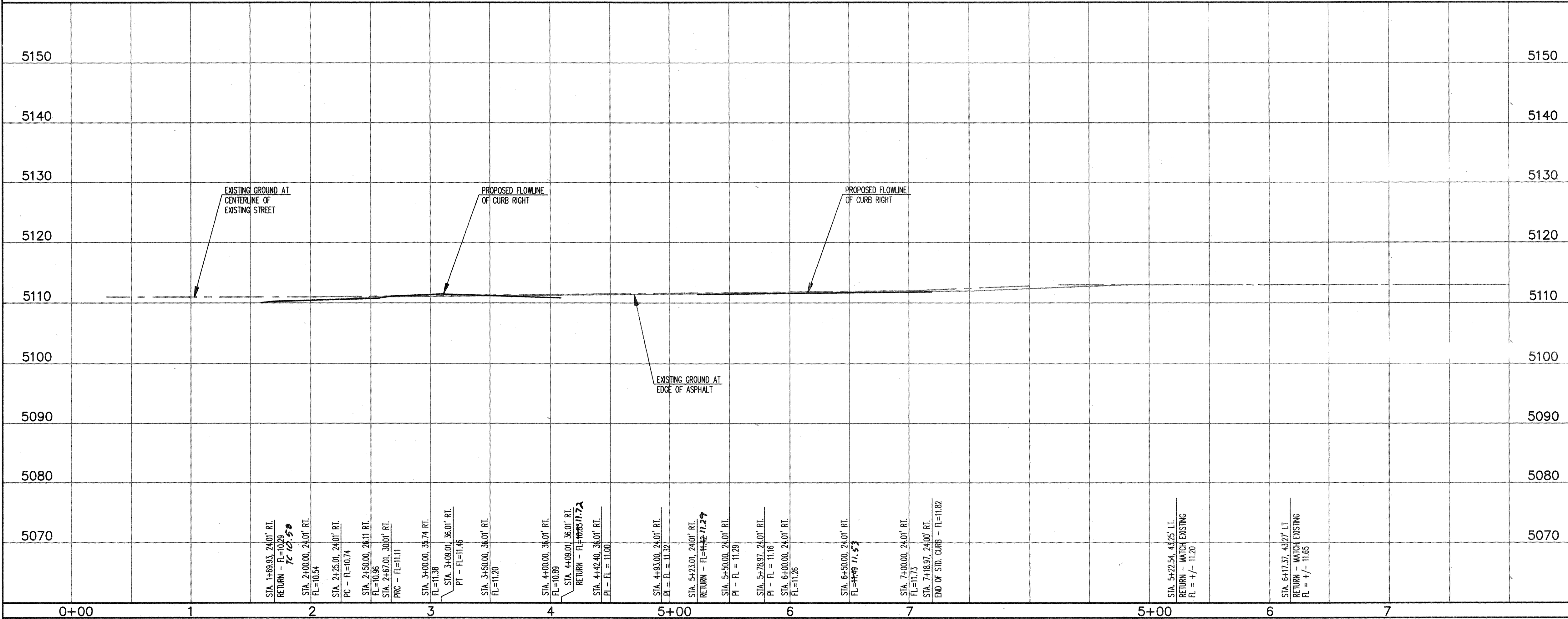
EDGE OF ASPHALT COORDINATE DATA			
PT #	X	Y	FL ELEVATION
1	363777.70	1502572.77	10.35
2	363781.21	1502628.24	10.90
3	363754.69	1502666.37	11.35
4	363744.76	1502707.37	11.55
5	363721.55	1502805.39	11.59
6	363698.20	1502916.98	11.39
7	363658.05	1503108.79	11.69

CURB CURVE DATA			
CURVE #	RADIUS	ARC LENGTH	TANGENT
C1	37.38'	11.94'	6.02'
C2	150.24'	42.57'	21.43'
C3	146.63'	42.58'	21.44'
C4	30.00'	47.12'	30.00'
C5	29.79'	47.21'	30.21'

TRAIL CENTERLINE COORDINATE DATA			
PT #	X	Y	FL ELEVATION
1	363801.14	1502566.31	1502771.20
2	363810.80	1502580.03	1502761.74
3	363818.76	1502612.45	1502751.95
4	363813.23	1502667.20	1502771.53
5	363810.02	1502713.94	1502771.53
6	363794.38	1502808.31	1502642.55
7	363785.76	1502843.03	1502631.20
8	363768.10	1502910.33	1502625.03
9	363748.18	1502997.11	1502637.67
10	363726.51	1503105.03	1502659.22
11	363725.44	1503111.23	

TRAIL CENTERLINE CURVE DATA			
CURVE #	RADIUS	ARC LENGTH	TANGENT
C1	45.74'	34.18'	17.93'
C2	858.15'	55.03'	27.53'
C3	523.88'	95.80'	48.03'
C4	2000.00'	110.09'	55.06'
C5	55.00'	42.22'	22.21'
C6	35.00'	32.59'	17.58'
C7	20.00'	19.27'	10.46'

# ATRISCO DRIVE



### NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADE SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

### POINTS DATA

PT#	X	Y	FL ELEVATION
1	363762.68	1502869.11	12.50
2	363733.31	1502863.01	49
3	363732.08	1502868.88	11.65
4	366761.46	1502874.99	12.51

### KEYED NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 7 OF 16
- RUNDOWN CURB & GUTTER AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- EXISTING CURB AND GUTTER TO REMAIN
- FUTURE 6' SIDEWALK
- BUILD 6' SIDEWALK
- EXISTING CURB AND GUTTER TO BE REMOVED (PHASE 1)
- EXISTING ASPHALT CURB
- 4" REFLECTIVE WHITE PLASTIC STRIPE

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ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP  
St. Joseph on the Rio Grande Parish  
PAVING PLAN & PROFILE  
ATRISCO DRIVE

Design Review Committee  
APPROVED  
MAY 10 2000  
DESIGN REVIEW COMMITTEE

City Engineer Approval  
APPROVED  
MAY 8 2000  
CITY ENGINEER

City Project No.	622381	Zone Map No.	G-11	Sheet	6	Of	16
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### AS-BUILT INFORMATION

CONTRACTOR	DATE	BY	DATE
DATE	DATE	DATE	DATE

### BENCH MARKS

ACCS BRASS TABLET STAMPED "JOSEPH"	DATE	BY	DATE
DATE	DATE	DATE	DATE

### SURVEY INFORMATION

DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE

### FIELD NOTES

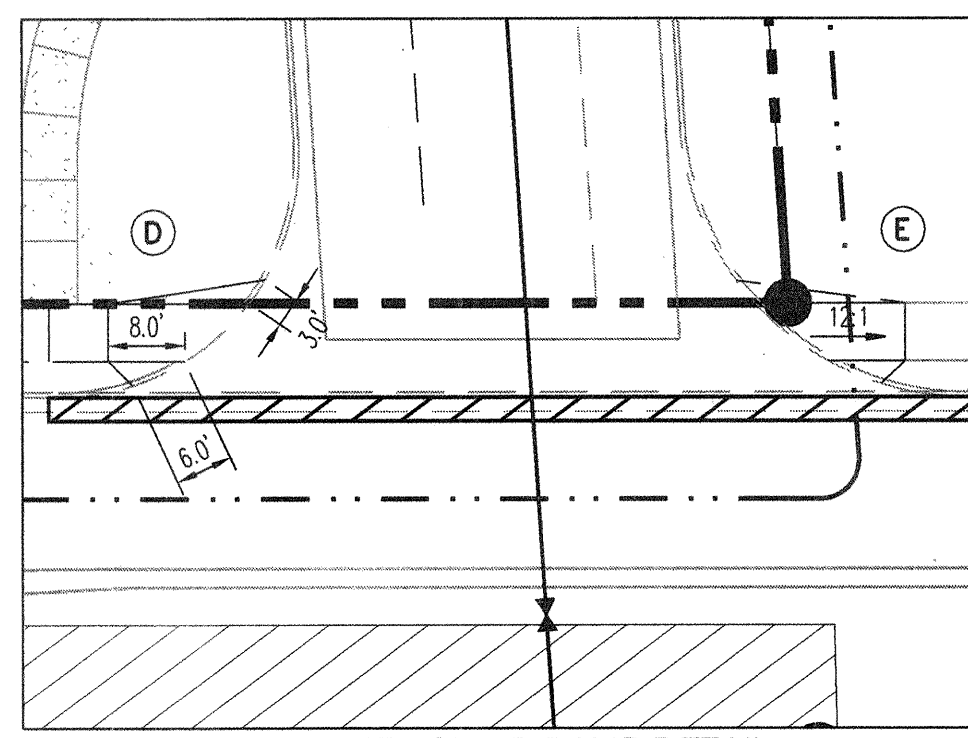
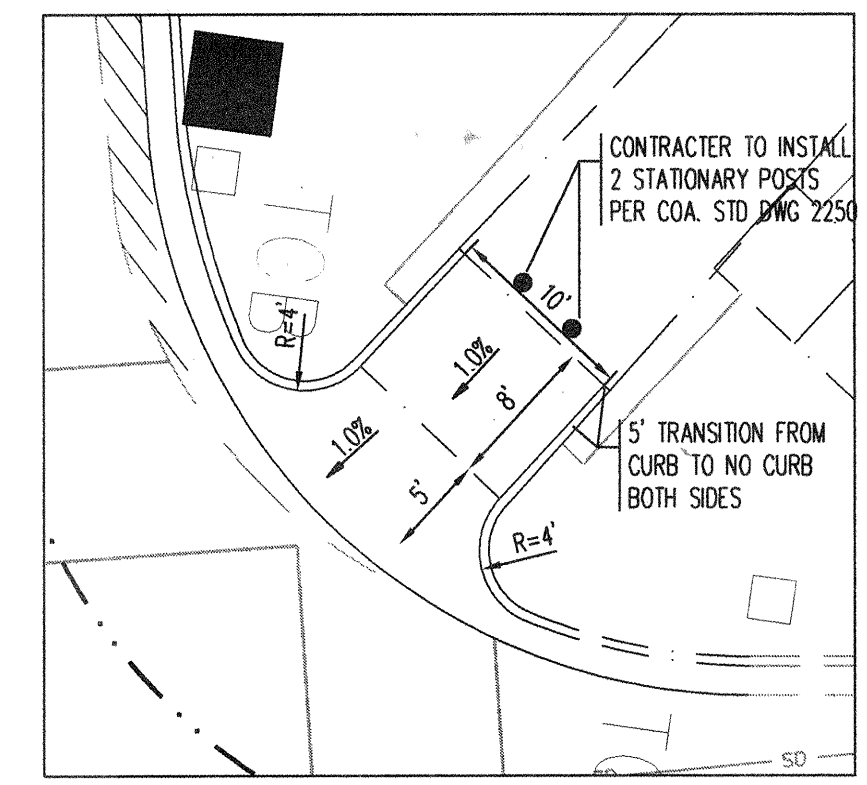
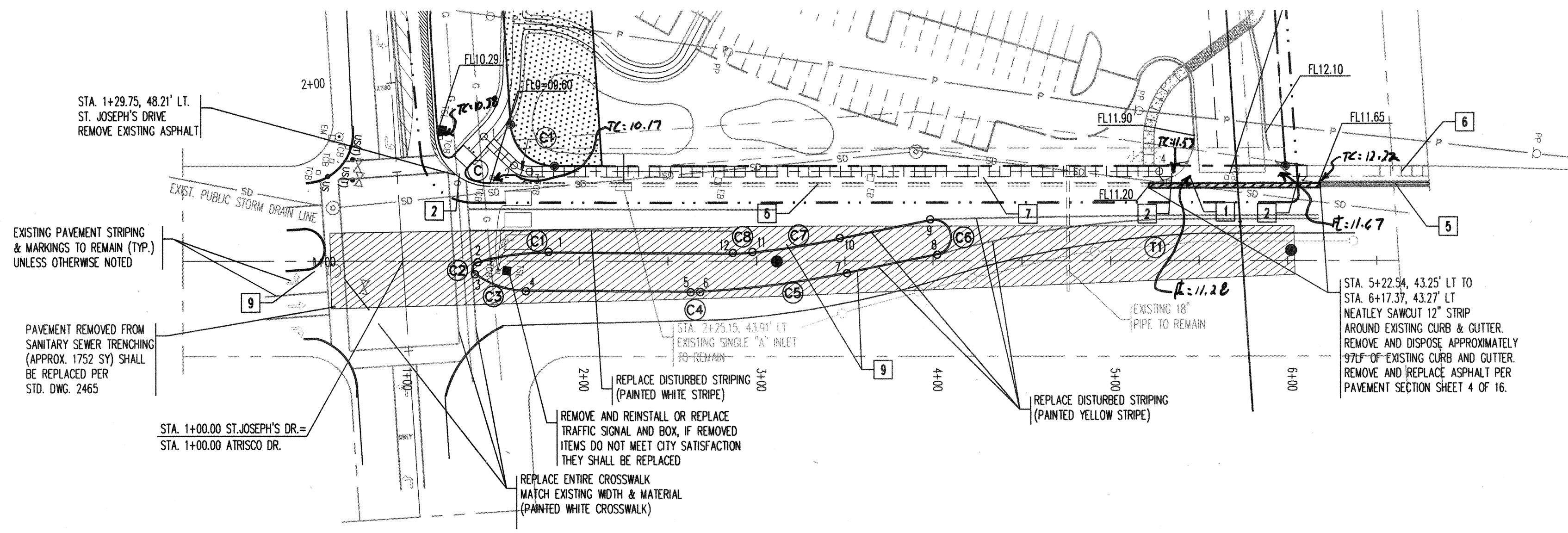
DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE

### ENGINEER'S SEAL

REMARKS	REVISIONS	DESIGN
DATE	DATE	DATE
DATE	DATE	DATE

Designed By: KGP  
Drawn By: BS  
Checked By: KGP





CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N81°59'52"E	562.28'

CURVE DATA		
PT #	X	Y
1	363853.07	1502516.89
2	363813.57	1502505.89
3	363813.30	1502498.68
4	363843.31	1502493.36
5	363935.45	1502505.83
6	363940.68	1502506.68
7	364021.53	1502528.49
8	364070.87	1502545.91
9	364064.21	1502564.77
10	364014.86	1502547.35
11	363966.82	1502532.89
12	363955.97	1502530.81

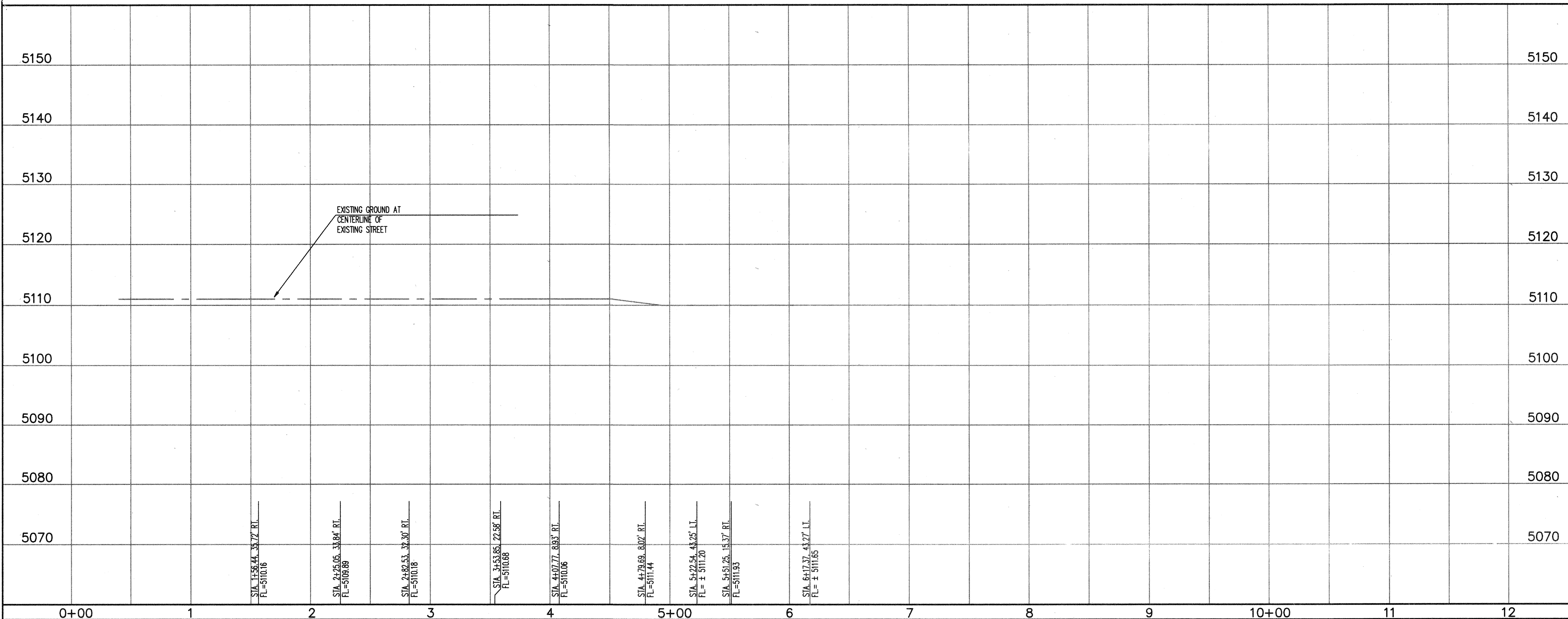
MEDIAN COORDINATE DATA		
PT #	X	Y
1	363853.07	1502516.89
2	363813.57	1502505.89
3	363813.30	1502498.68
4	363843.31	1502493.36
5	363935.45	1502505.83
6	363940.68	1502506.68
7	364021.53	1502528.49
8	364070.87	1502545.91
9	364064.21	1502564.77
10	364014.86	1502547.35
11	363966.82	1502532.89
12	363955.97	1502530.81

MEDIAN CURVE DATA				
CURVE #	RADIUS	ARC LENGTH	TANGENT	DELTA
C1	150.00'	41.13'	20.70'	15°42'40"
C2	4.00'	8.99'	8.35'	128°48'01"
C3	50.00'	30.97'	16.00'	35°29'19"
C4	100.00'	5.30'	2.65'	0°30'18"
C5	552.00'	83.81'	41.99'	08°41'58"
C6	10.00'	31.42'	0.00'	180°00'00"
C7	532.00'	50.19'	25.11'	05°24'19"
C8	100.00'	11.05'	5.53'	06°19'55"

SIDEWALK CENTERLINE COORDINATES DATA		
PT #	X	Y
1	363807.68	1502575.60
2	363826.91	1502562.05
3	363836.20	1502559.80
4	364188.40	1502609.32

SIDEWALK CENTERLINE CURVE DATA			
CURVE #	RADIUS	ARC LENGTH	DELTA
C8	13.00'	9.79'	5.14'
			43°09'56"

## ST. JOSEPH'S DRIVE



### NOTES

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- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

### KEYED NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEELCHAIR RAMP AS PER DETAIL THIS SHEET
- RUNDOWN CURB & GUTTER AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- EXISTING CURB AND GUTTER TO REMAIN
- FUTURE 6' SIDEWALK
- BUILD 6' SIDEWALK
- EXISTING CURB AND GUTTER TO BE REMOVED (PHASE 1)
- EXISTING ASPHALT CURB

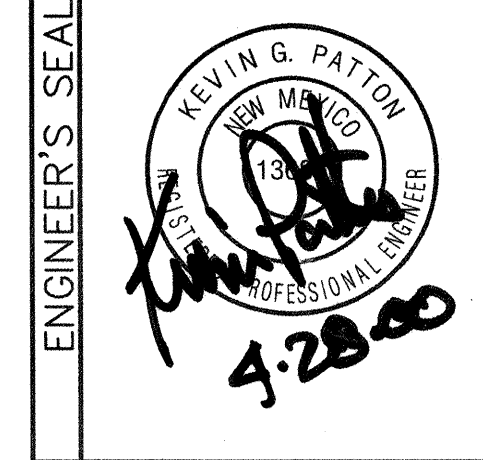
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Countywide One 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP  
St. Joseph on the Rio Grande Parish  
PAVING PLAN & PROFILE  
ST. JOSEPH'S DRIVE

Design Review Committee  
APPROVED  
MAY 10 2003  
DESIGN REVIEW COMMITTEE

City Engineer  
APPROVED  
CITY ENGINEER

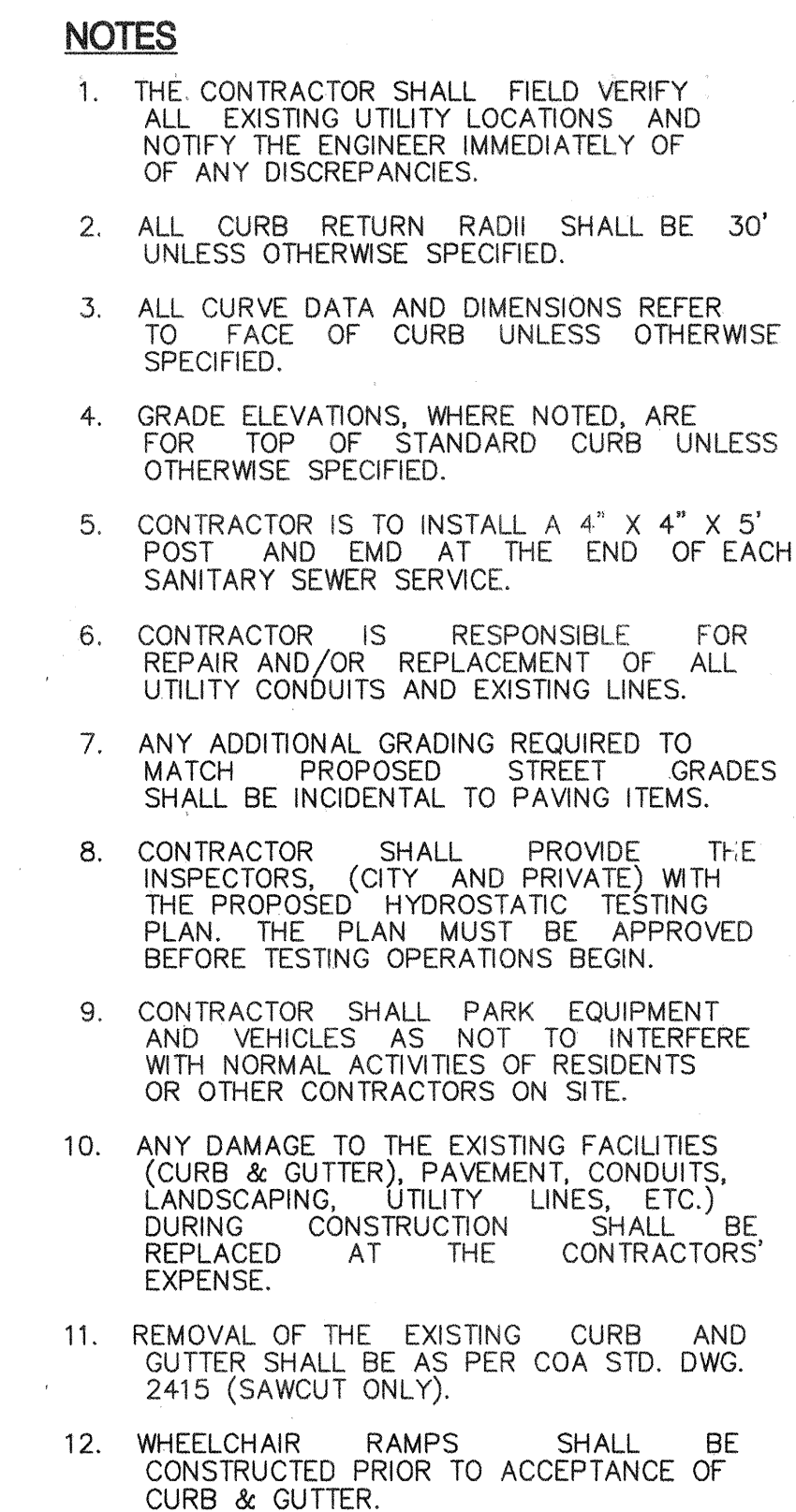
City Project No. 622381  
Zone Map No. G-11  
Sheet 7 of 16



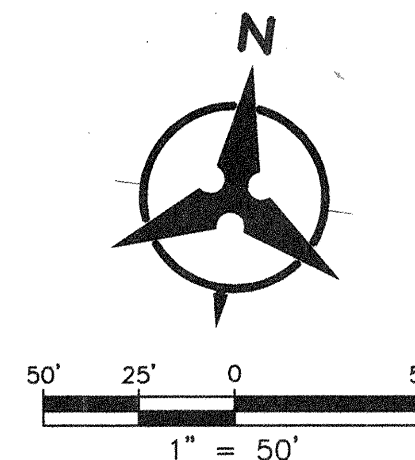
ENGINEER'S SEAL	
NO.	DATE
1	4-28-03

REVISIONS	
No.	Date
1	4-28-03



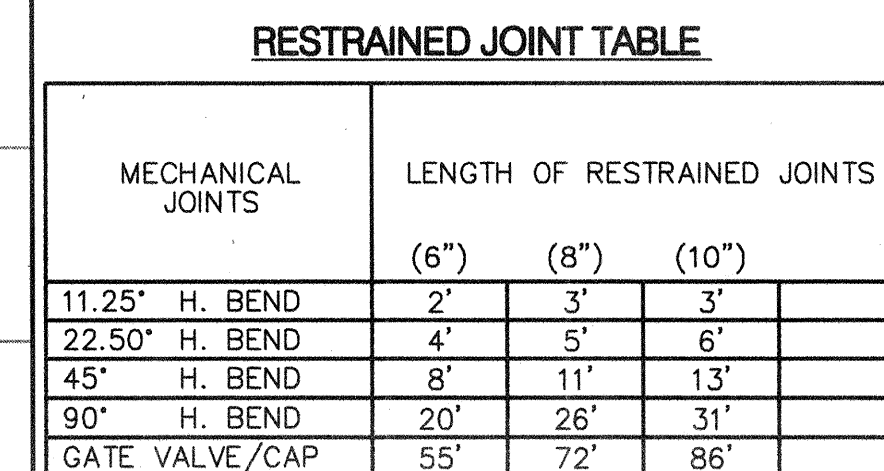


SAS LINE: SDR-35 PVC  
WATER LINE: C900-PVC



SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N80°48'20"E	250.00'
T2	N80°48'20"E	275.49
T3	N80°48'20"E	15.01'
T4	N11°44'33"W	44.27'

# WATERLINE ALIGNMENT "A"



1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS, UNLESS SPECIFIED DIFFERENTLY IN THE PLANS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 5 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

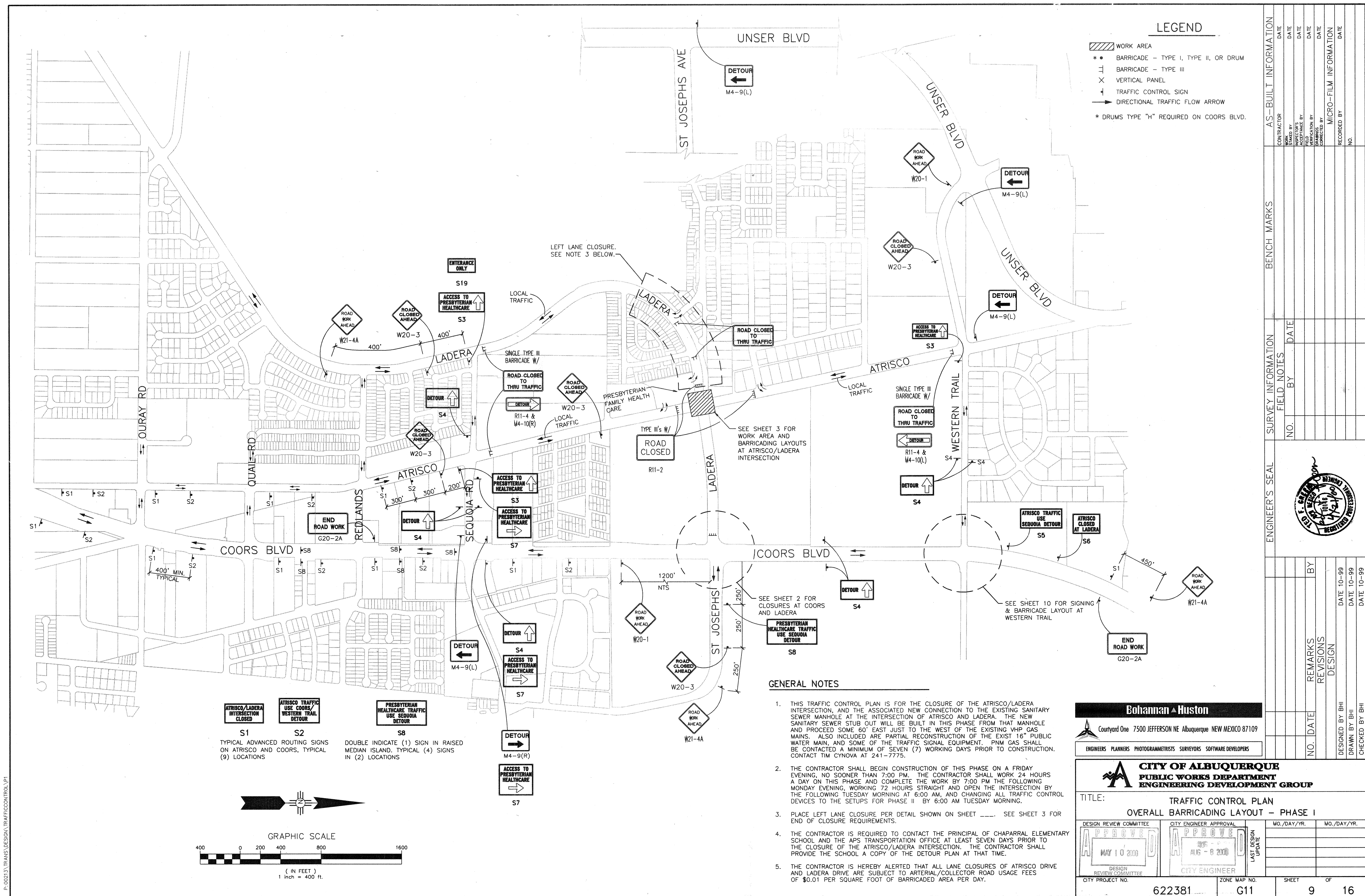
 Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

St. Joseph on the Rio Grande Parish  
UTILITY PLAN & PROFILE  
ST. JOSEPH'S DRIVE

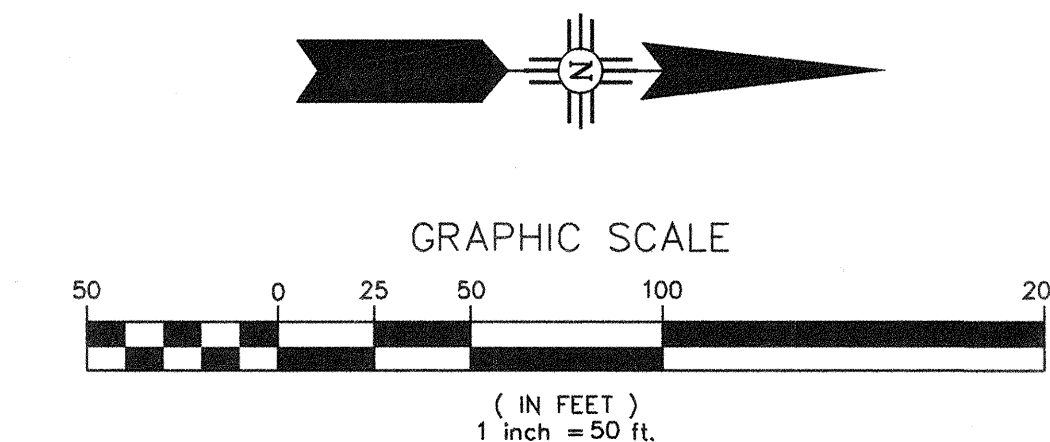
<b>Design Review Committee</b> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>APPROVED</b>  MAY 10 2006    DESIGN REVIEW COMMITTEE </div>		<b>City Engineer Approval</b> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>APPROVED</b>  AUG - 8 2006    CITY ENGINEER </div>		<b>Mo./Day/Yr.</b>      		<b>Mo./Day/Yr.</b>      	
City Project No. <b>622381</b>		Zone Map No. <b>G-11</b>		Sheet <b>8</b> Of <b>16</b>			



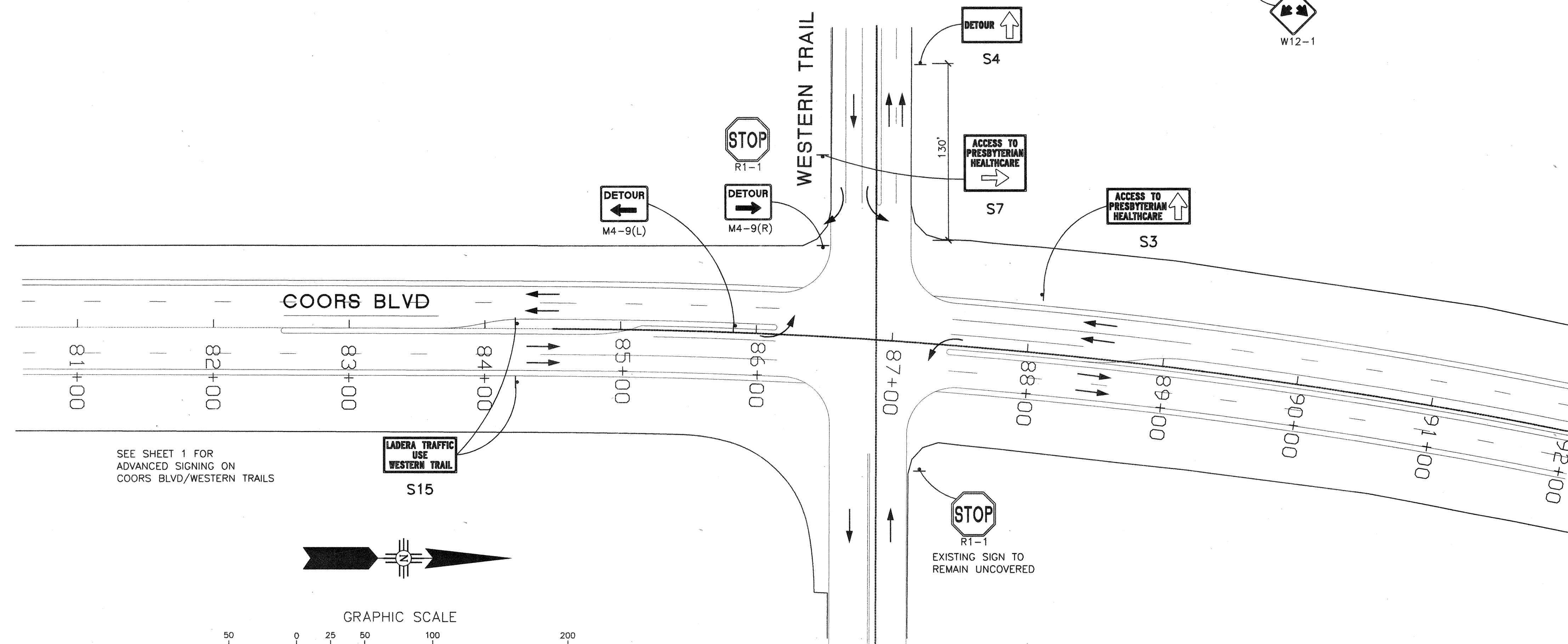
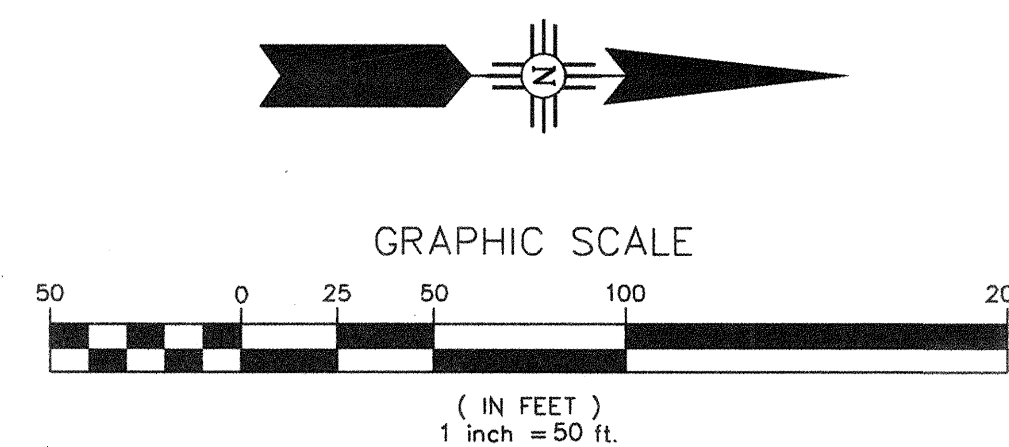




SEE SHEET 1 FOR  
ADVANCED SIGNING ON  
COORS BLVD/ST JOSEPHS



SEE SHEET 1 FOR  
ADVANCED SIGNING ON  
COORS BLVD/WESTERN TRAILS



- LEGEND**
- WORK AREA
  - BARRICADE - TYPE I, TYPE II, OR DRUM
  - BARRICADE - TYPE III
  - VERTICAL PANEL
  - TRAFFIC CONTROL SIGN
  - DIRECTIONAL TRAFFIC FLOW ARROW
  - COVER EXISTING SIGN
  - \* DRUMS TYPE "H" REQUIRED ON COORS BLVD.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE		
MARKED BY	DATE	BY	DATE	BY	DATE		
FIELD BY	DATE	NO.	DATE	NO.	DATE		
REVISIONS BY	DATE	NO.	DATE	NO.	DATE		
REVISIONS BY	DATE	NO.	DATE	NO.	DATE		
REVISIONS BY	DATE	NO.	DATE	NO.	DATE		
REVISIONS BY	DATE	NO.	DATE	NO.	DATE		
REVISIONS BY	DATE	NO.	DATE	NO.	DATE		
MICRO-FILM INFORMATION		RECORDING INFORMATION		RECORDING INFORMATION		RECORDING INFORMATION	
RECORDED BY	DATE	NO.	DATE	NO.	DATE	RECORDING INFORMATION	
RECORDED BY	DATE	NO.	DATE	NO.	DATE	RECORDING INFORMATION	
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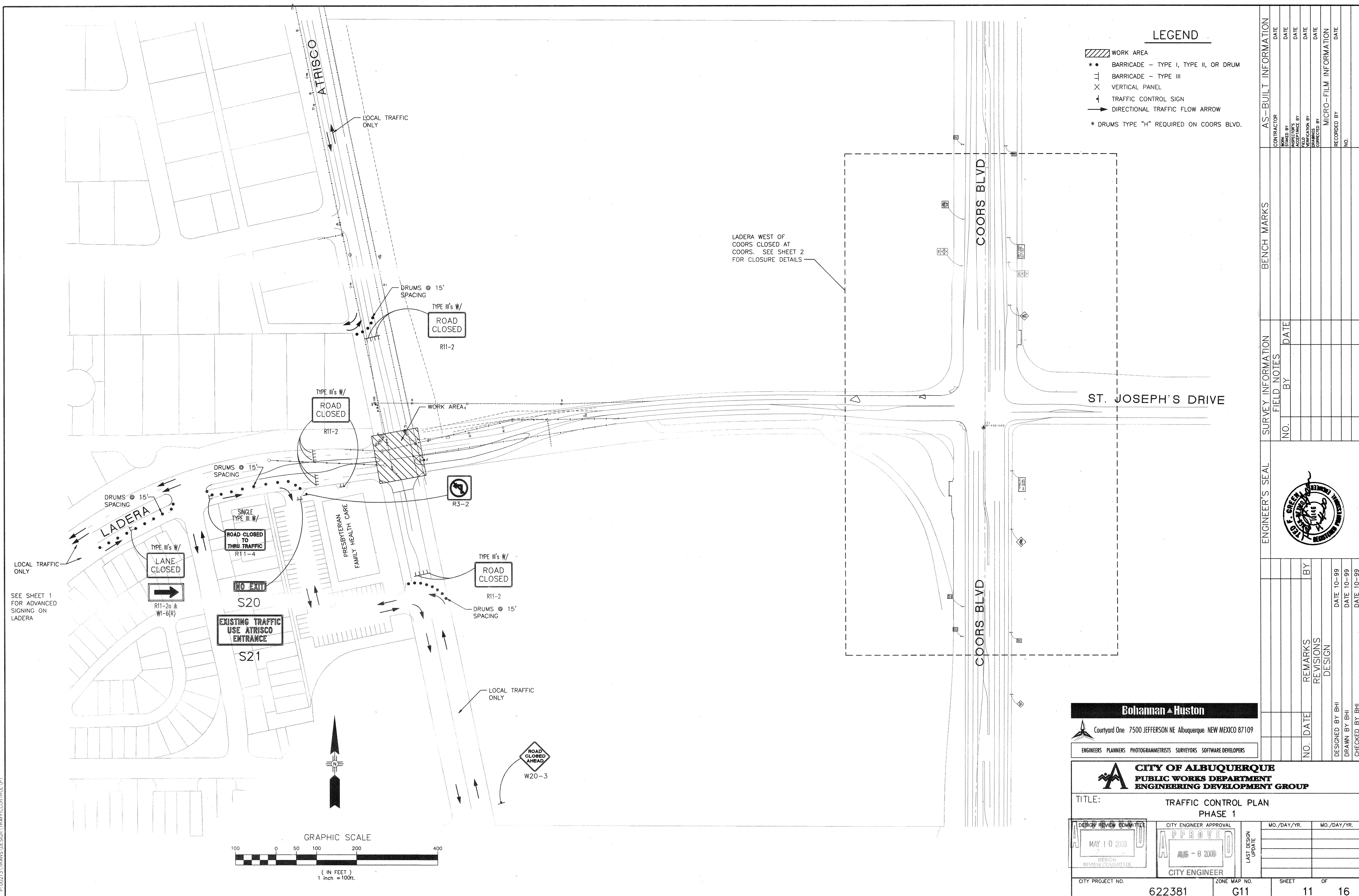
**Bohannon & Huston**  
 Courtyard One 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
 ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

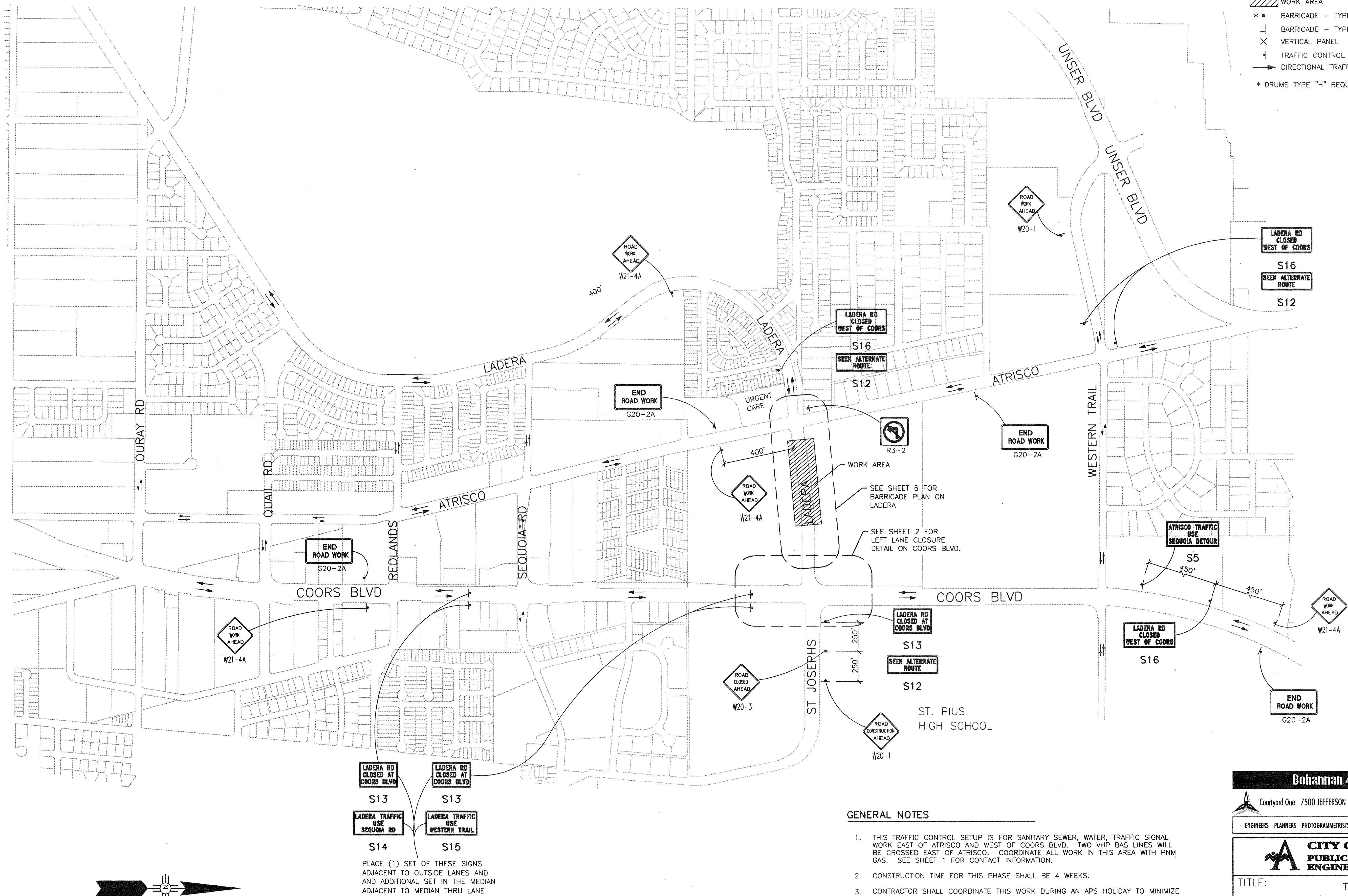
TITLE: **TRAFFIC CONTROL PLAN**  
**COORS/LADERA BARRICADING PLAN - PHASE 1**

DESIGN REVIEW COMMITTEE APPROVED MAY 10 2000 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED AUG - 8 2000 CITY ENGINEER	MO./DAY/YR. ____/____/____	MO./DAY/YR. ____/____/____
CITY PROJECT NO. <b>622381</b>		ZONE MAP NO. <b>G11</b>	SHEET <b>10</b> OF <b>16</b>









LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR DRUM
- BARRICADE - TYPE III
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTIONAL TRAFFIC FLOW ARROW
- \* DRUMS TYPE "H" REQUIRED ON COORS BLVD.

GENERAL NOTES

- THIS TRAFFIC CONTROL SETUP IS FOR SANITARY SEWER, WATER, TRAFFIC SIGNAL WORK EAST OF ATRISCO AND WEST OF COORS BLVD. TWO VHP BAS LINES WILL BE CROSSED EAST OF ATRISCO. COORDINATE ALL WORK IN THIS AREA WITH PNW GAS. SEE SHEET 1 FOR CONTACT INFORMATION.
- CONSTRUCTION TIME FOR THIS PHASE SHALL BE 4 WEEKS.
- CONTRACTOR SHALL COORDINATE THIS WORK DURING AN APS HOLIDAY TO MINIMIZE IMPACTS TO ADJACENT SCHOOL FACILITIES AND TRAFFIC.
- THE CONTRACTOR SHALL EXPEDITE AND COMPLETE ALL WORK ON PHASE 1 PRIOR TO BEGINNING PHASE 2 CONSTRUCTION AND PLACING BARRICADING AND SIGNING FOR PHASE 2.

**Bohannon & Huston**  
Courtney One 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL PLAN  
OVERALL BARRICADING LAYOUT - PHASE 2

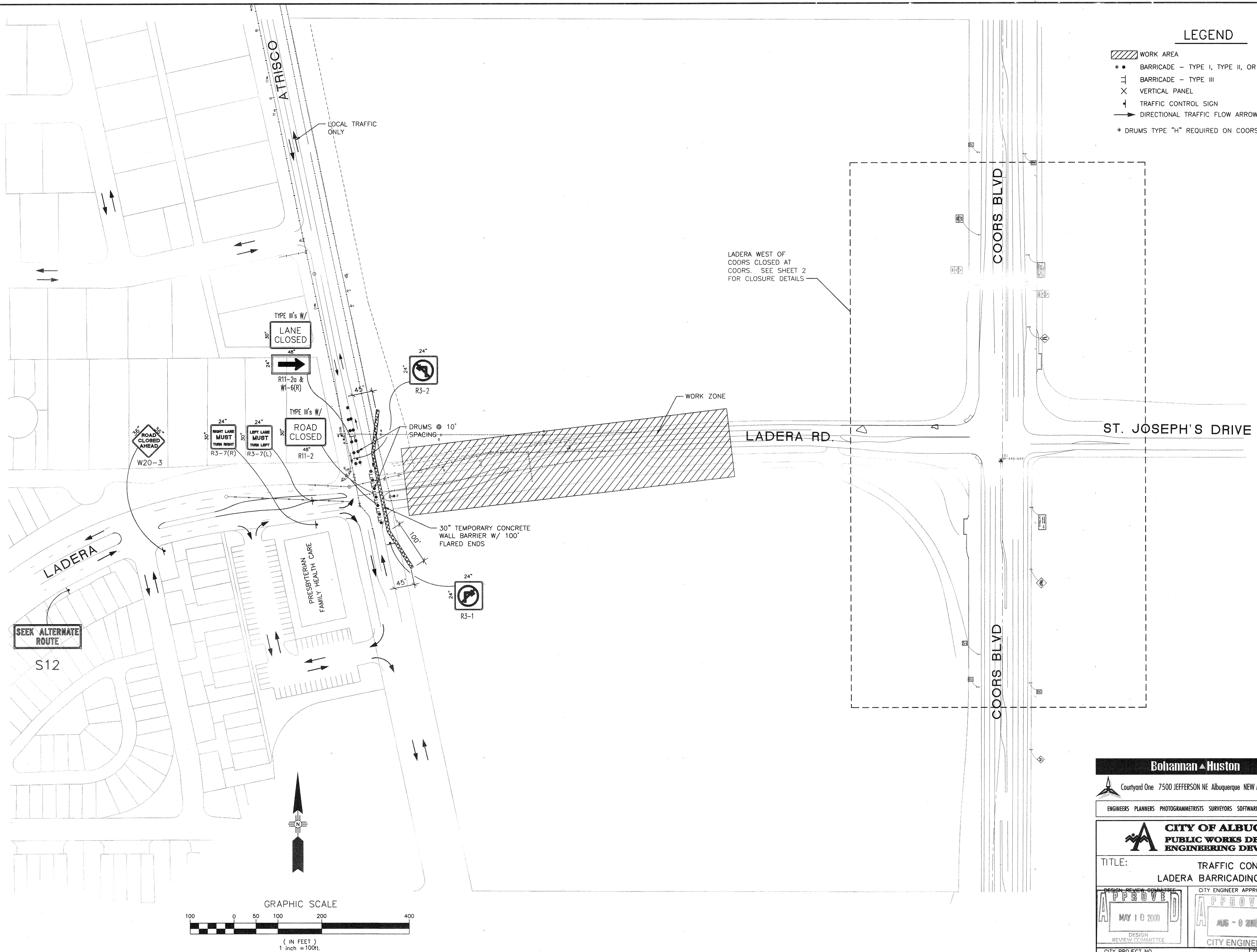
DESIGN REVIEW COMMITTEE APPROVED MAY 10 2000 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED AUG - 6 2000 CITY ENGINEER	MO./DAY/YR. LAST DESIGN UPDATE	MO./DAY/YR.
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QTY PROJECT NO. 622381	ZONE MAP NO. G11	SHEET 12	OF 16
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		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
				FIELD NOTES				CONTRACTOR	
				BY		DATE		DATE	
				NO.				STAKED BY	
								INSPECTOR'S	
								DATE	
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LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR DRUM
- BARRICADE - TYPE III
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTIONAL TRAFFIC FLOW ARROW
- \* DRUMS TYPE "H" REQUIRED ON COORS BLVD.

ENGINEER'S SEAL										SURVEY INFORMATION										BENCH MARKS									
										FIELD NOTES																			
										NO.					BY					DATE									
NO. DATE										REMARKS										BY									
										REVISIONS																			
										DESIGN																			
DESIGNED BY BHI										DATE 10--99																			
DRAWN BY BHI										DATE 10--99																			
CHECKED BY BHI										DATE 10--99																			
PROJECT GROUP																													
PHASE 2																													
MO./DAY/YR.															MO./DAY/YR.														
SHEET															OF														
13															16														



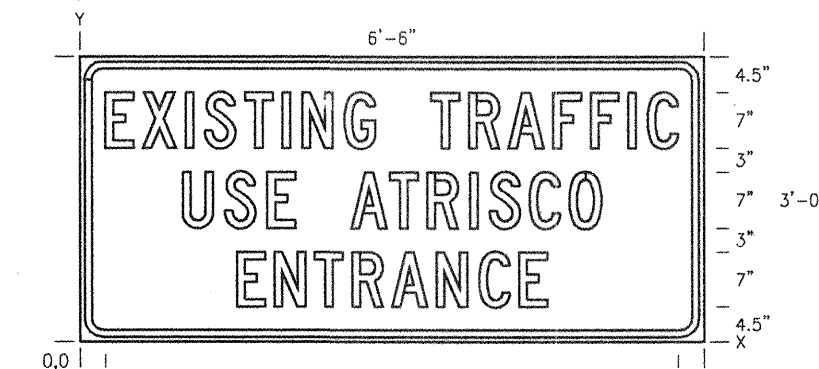
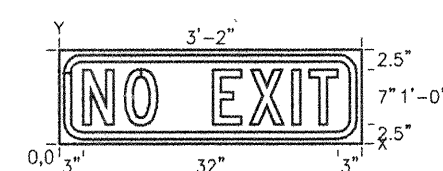
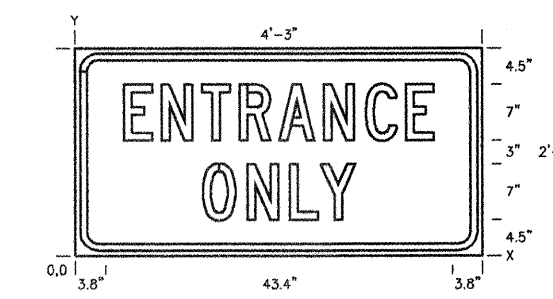
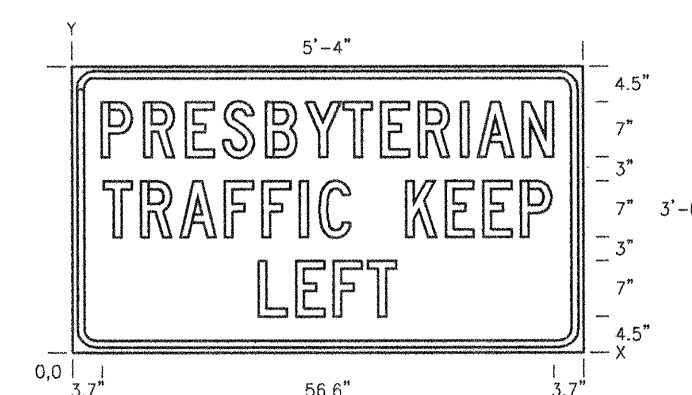
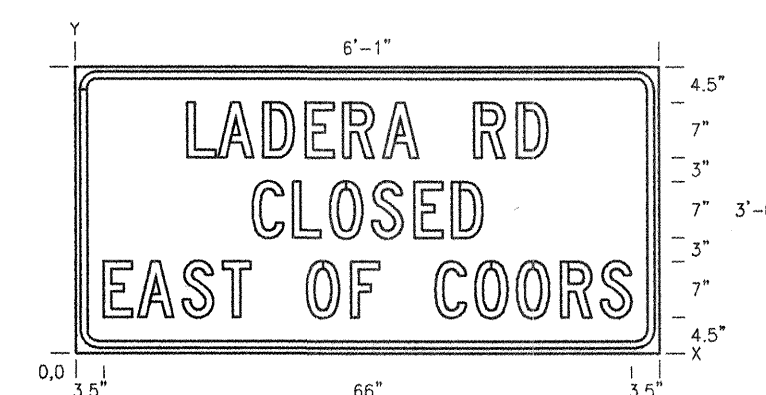
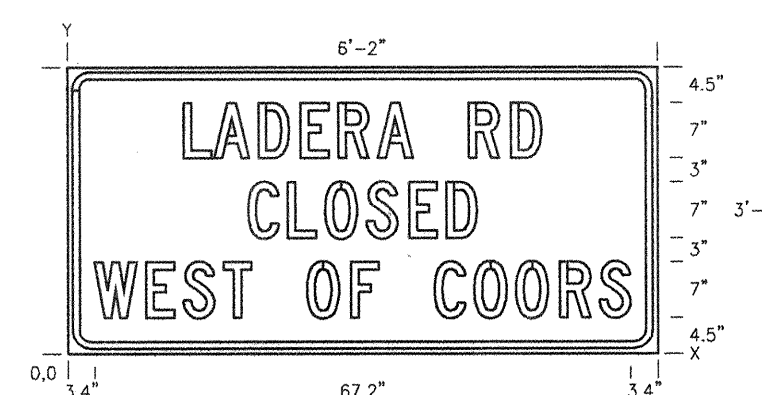
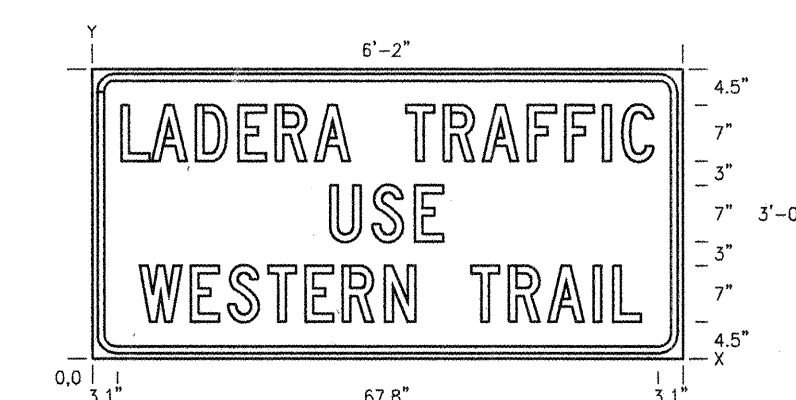
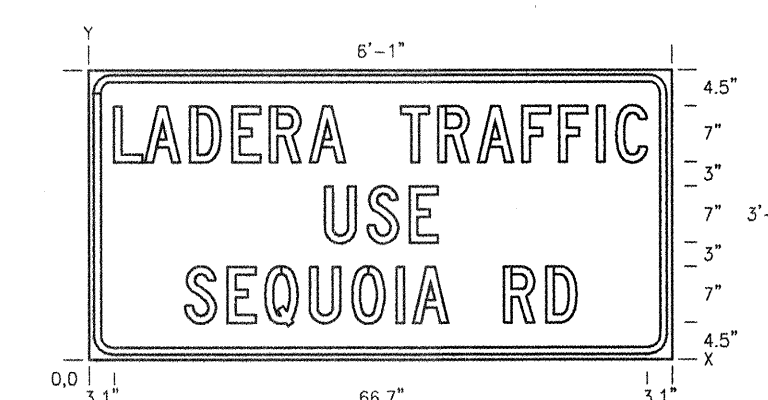
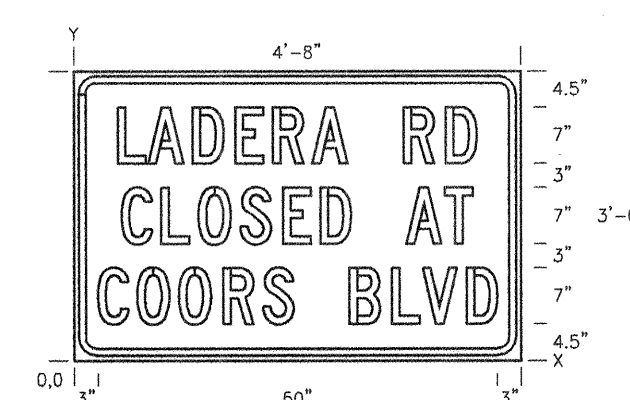
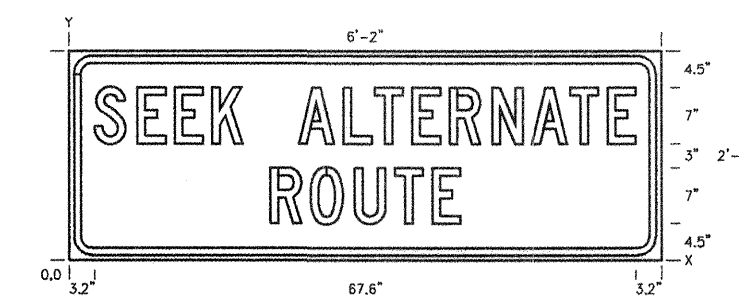
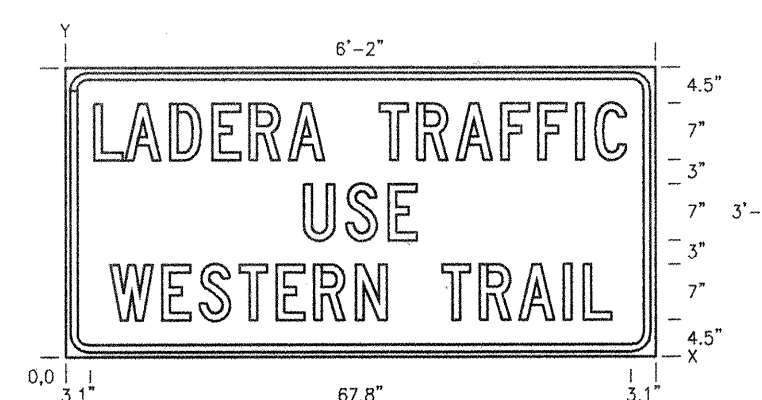
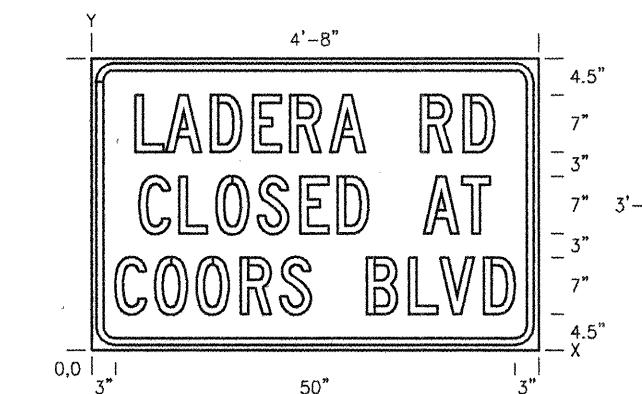
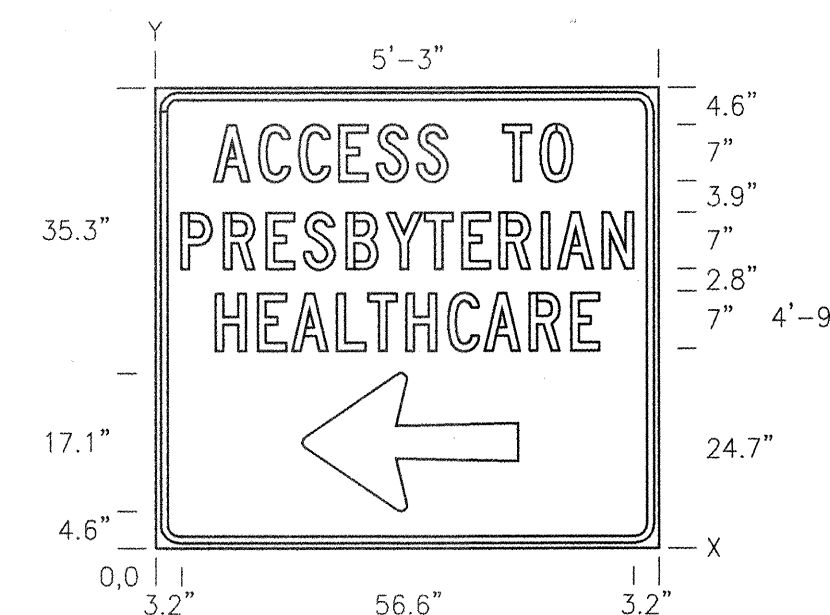
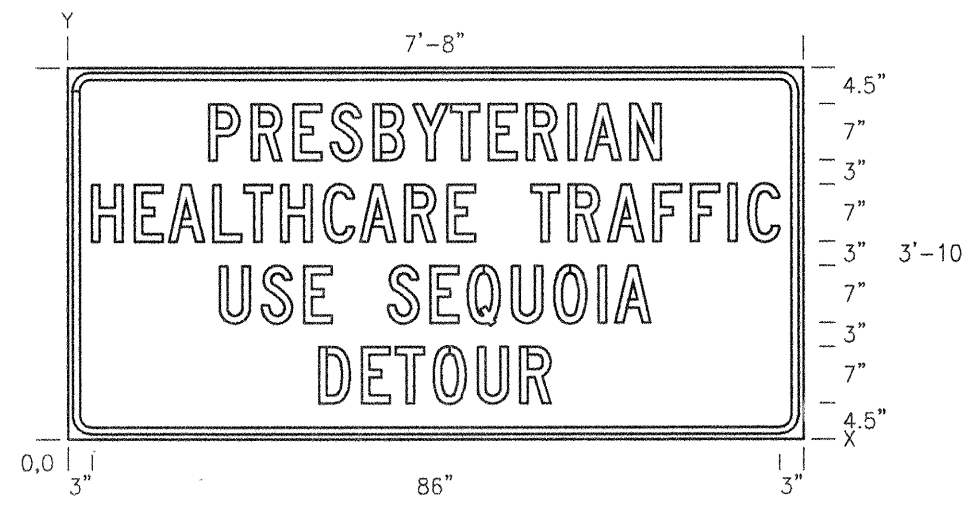
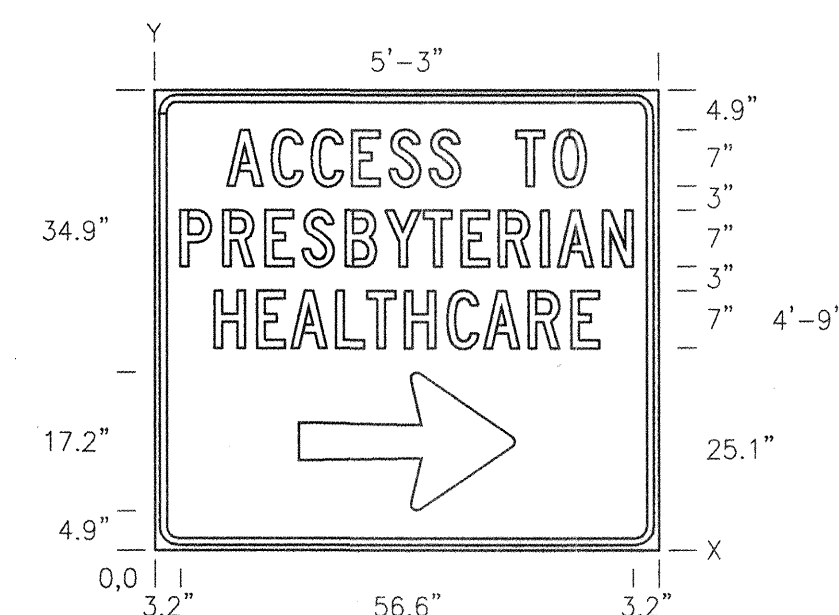
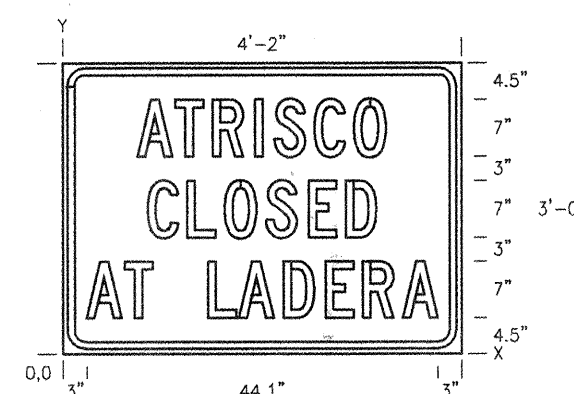
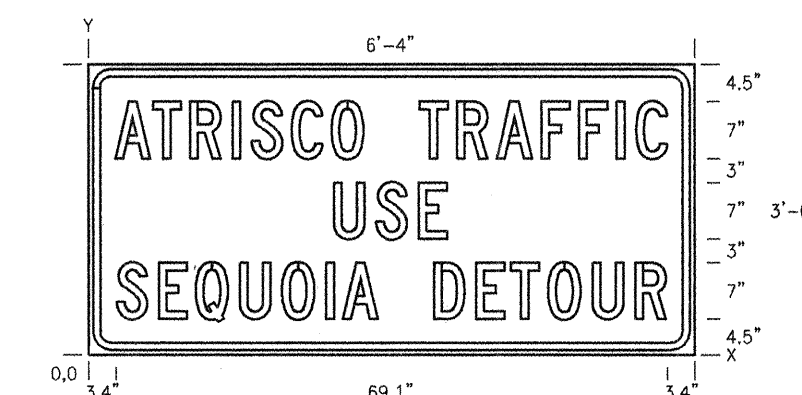
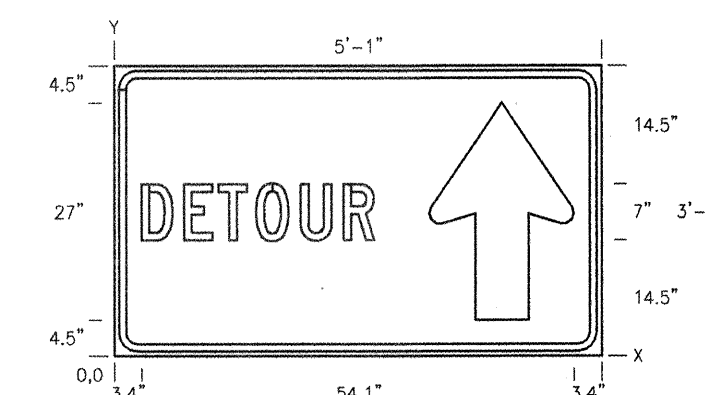
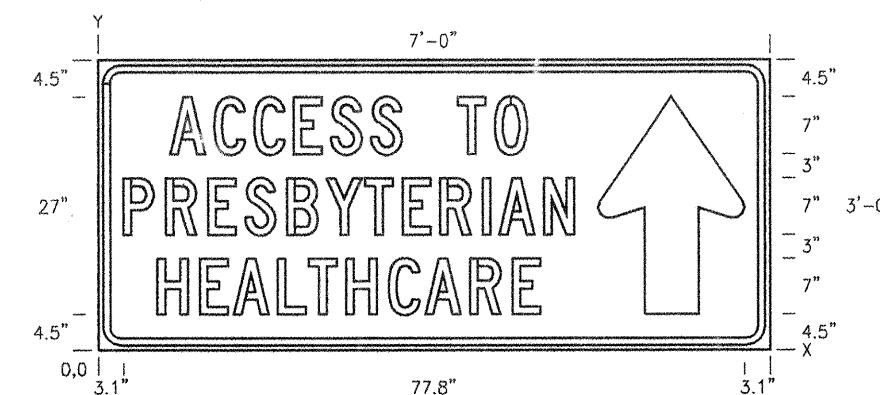
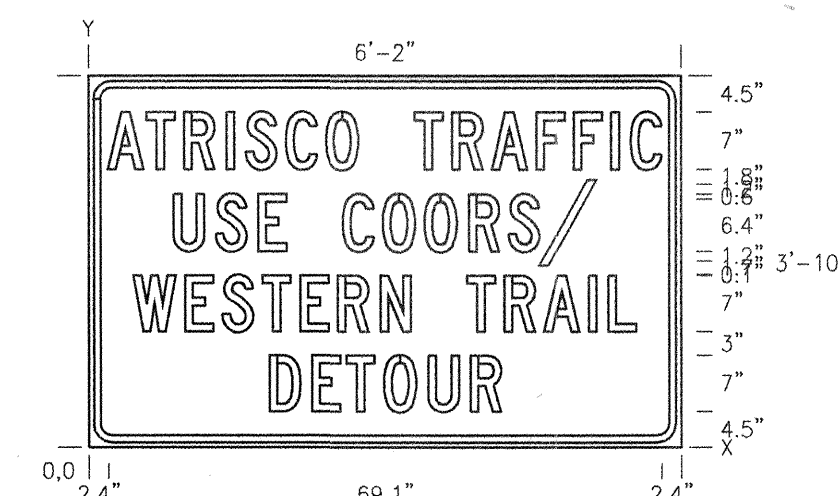
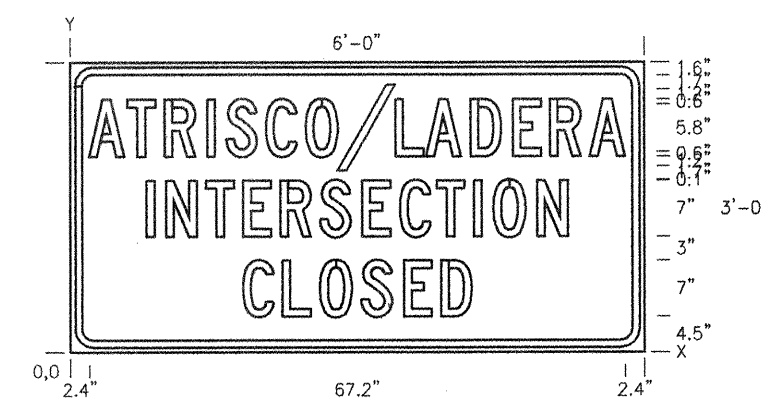
**Bohannon & Huston**  
Court yard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

TITLE: TRAFFIC CONTROL PLAN  
LADERA BARRICADING PLAN -PHASE 2

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAY 10 2000 DESIGN REVIEW COMMITTEE	APPROVED AUG - 8 2000 CITY ENGINEER		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
622381	G11	13	16





NOTE: ALL CONSTRUCTION  
SIGNING SHALL HAVE BLACK  
LETTERS ON AN ORANGE  
BACKGROUND AND CONFORM  
TO CURRENT MUTCD REQUIREMENTS

Bohannon ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

 **CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

TITLE: SPECIAL SIGN  
FACE DETAILS - PHASE I

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
<b>A P P R O V E D</b>  MAY 10 2000  DESIGN REVIEW COMMITTEE		<b>A P P R O V E D</b>  AUG - 8 2000  CITY ENGINEER			

CITY PROJECT NO.	623381	ZONE MAP NO.	G11	SHEET	14	OF	16
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SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION	
NO.	FIELD NOTES BY DATE		CONTRACTOR	DATE
			WORK STARTED BY	DATE
			ACCEPTANCE BY	DATE
			FIELD VERIFICATION BY	DATE
			DRAWINGS CORRECTED BY	DATE
			MICRO-FILM INFORMATION	
			RECORDED BY	DATE
			NO.	

[illegible][illegible]



CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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

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

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

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

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

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

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

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

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

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

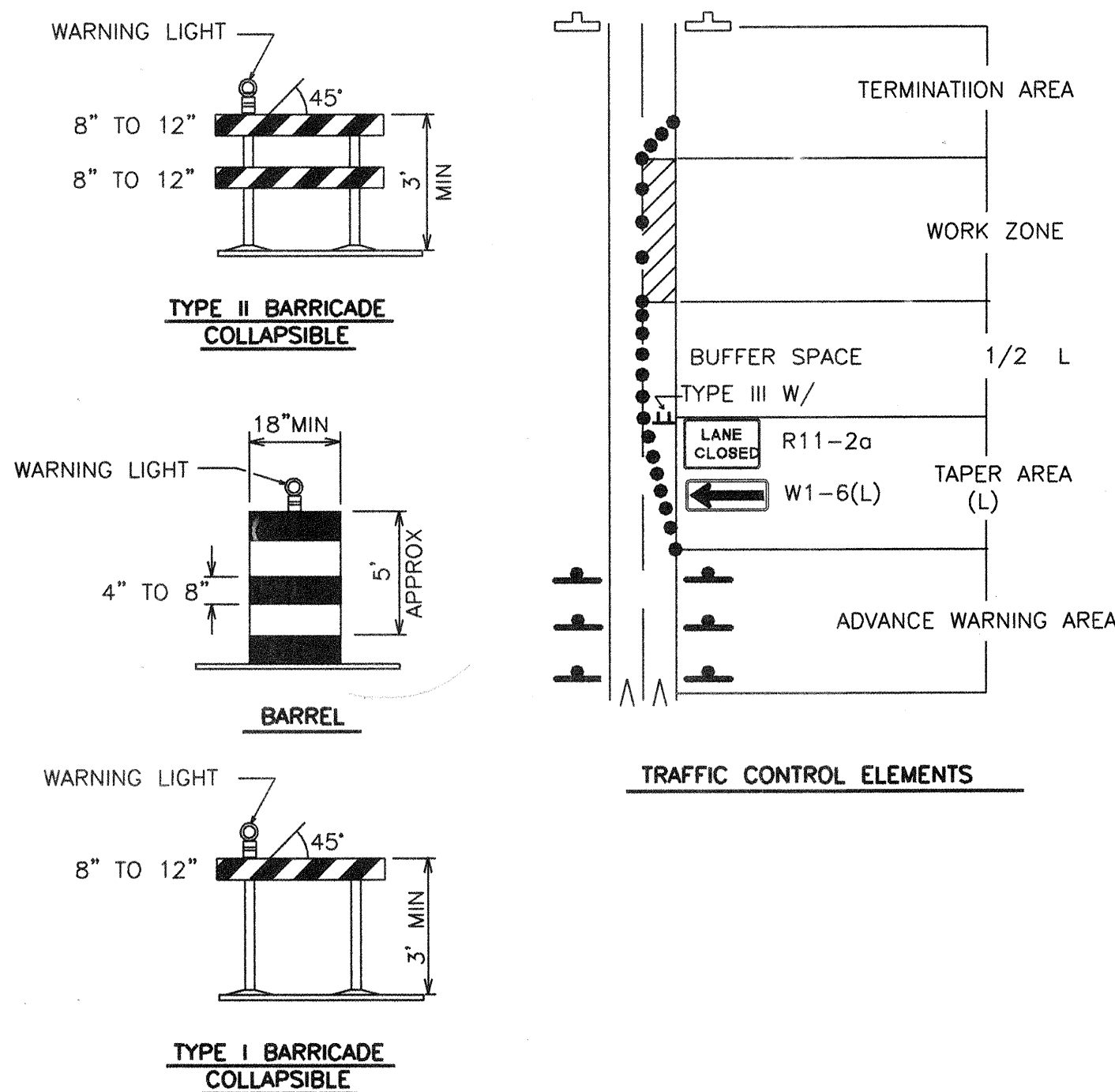
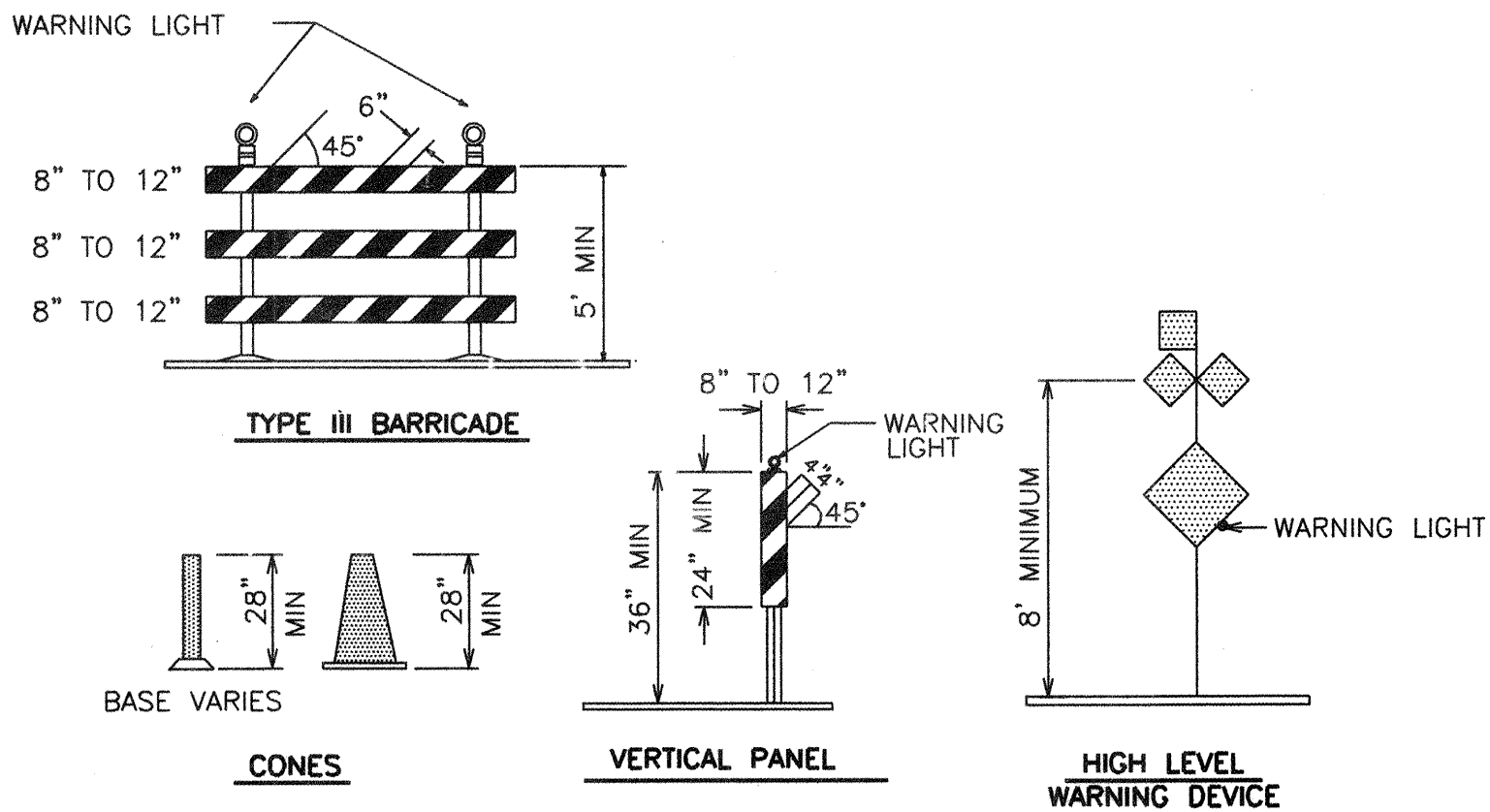
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:  
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.  
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.  
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR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

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

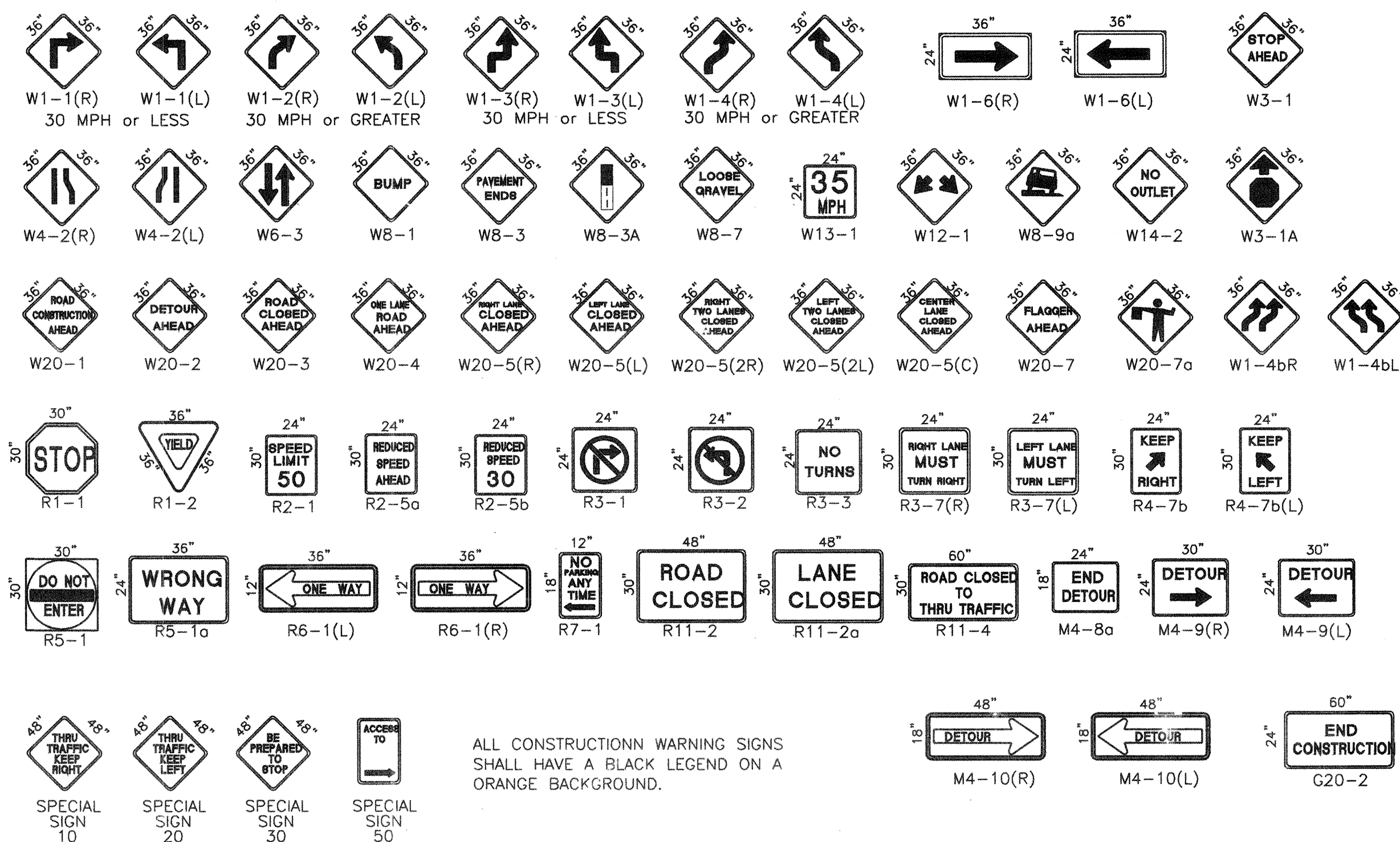
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

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

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.



SIGN FACE DETAILS



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

LEGEND

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

TAPER REQUIREMENT

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

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

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

TAPER CRITERIA

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

TAPER LENGTH COMPUTATION

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

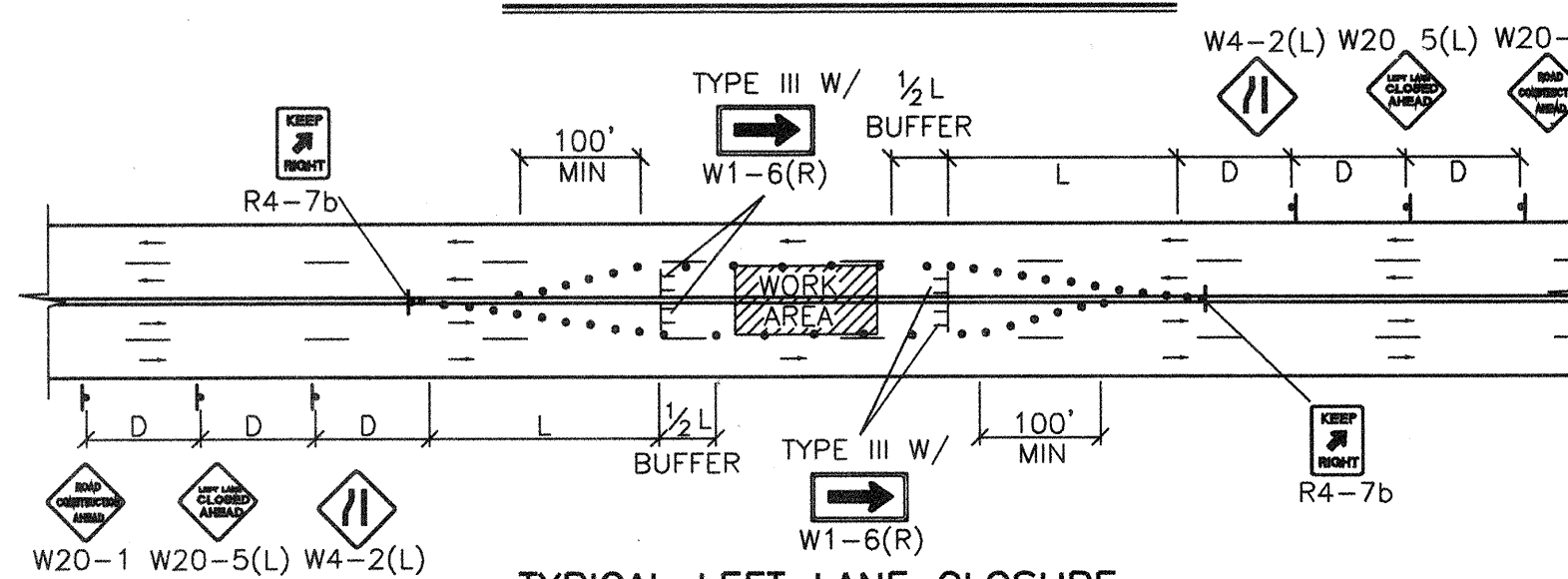
L = TAPER LENGTH  
W = WIDTH OF OFFSET IN FEET  
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

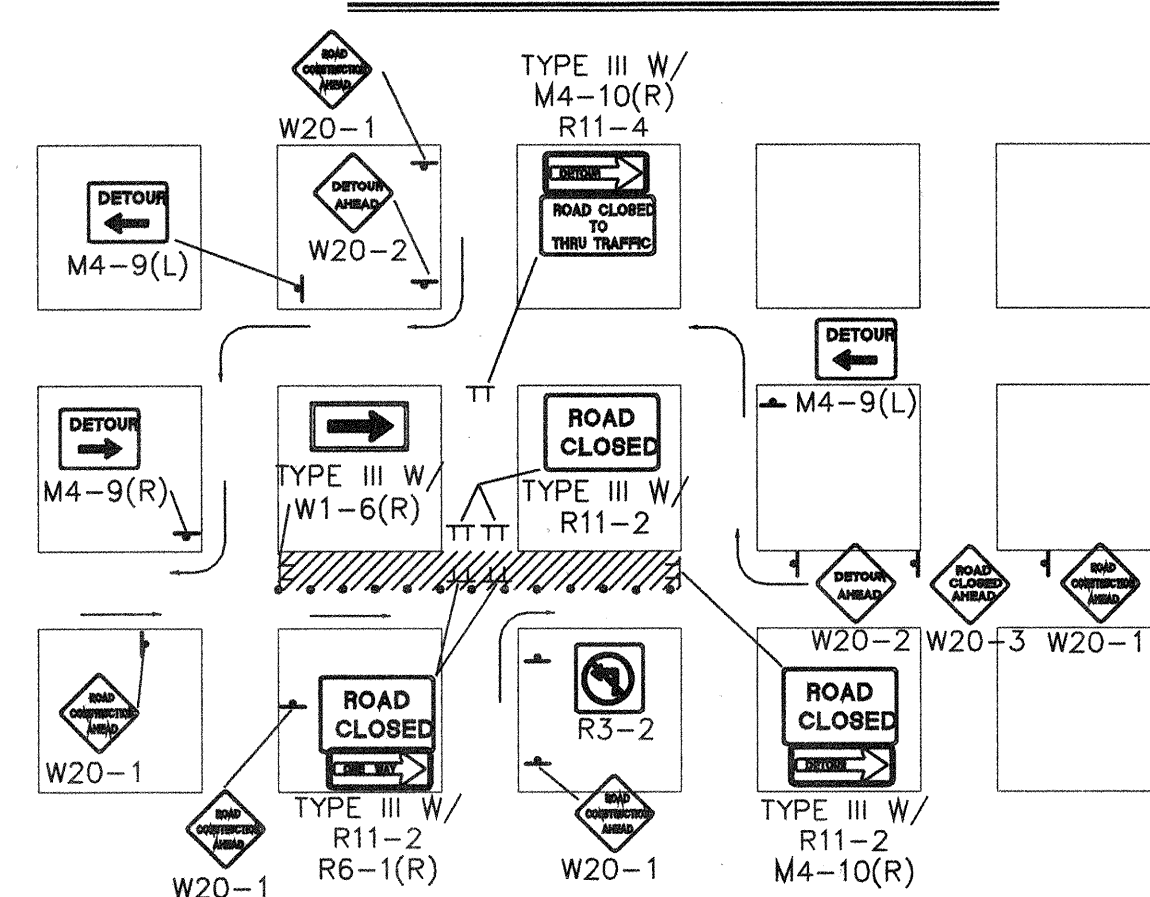
TITLE: TRAFFIC CONTROL  
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
COA	STD		
CITY PROJECT NO. XXXXXX		ZONE MAP NO. F11/G11	SHEET 15 OF 16

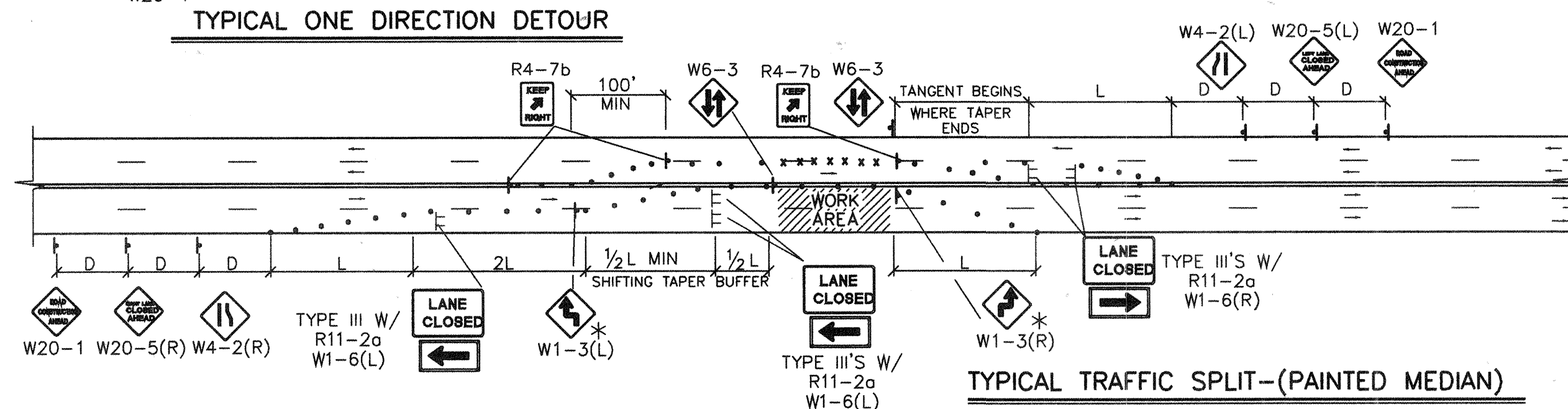




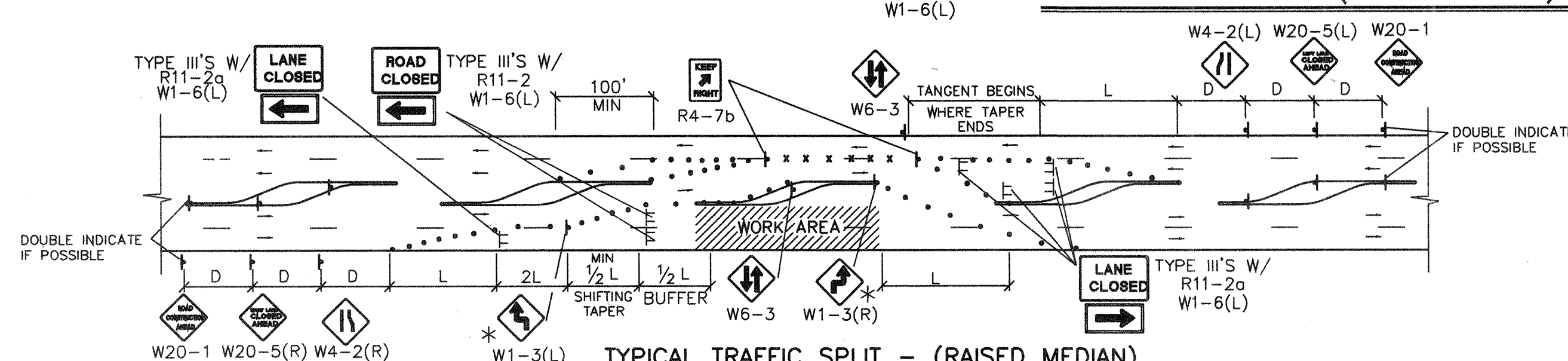
### TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR

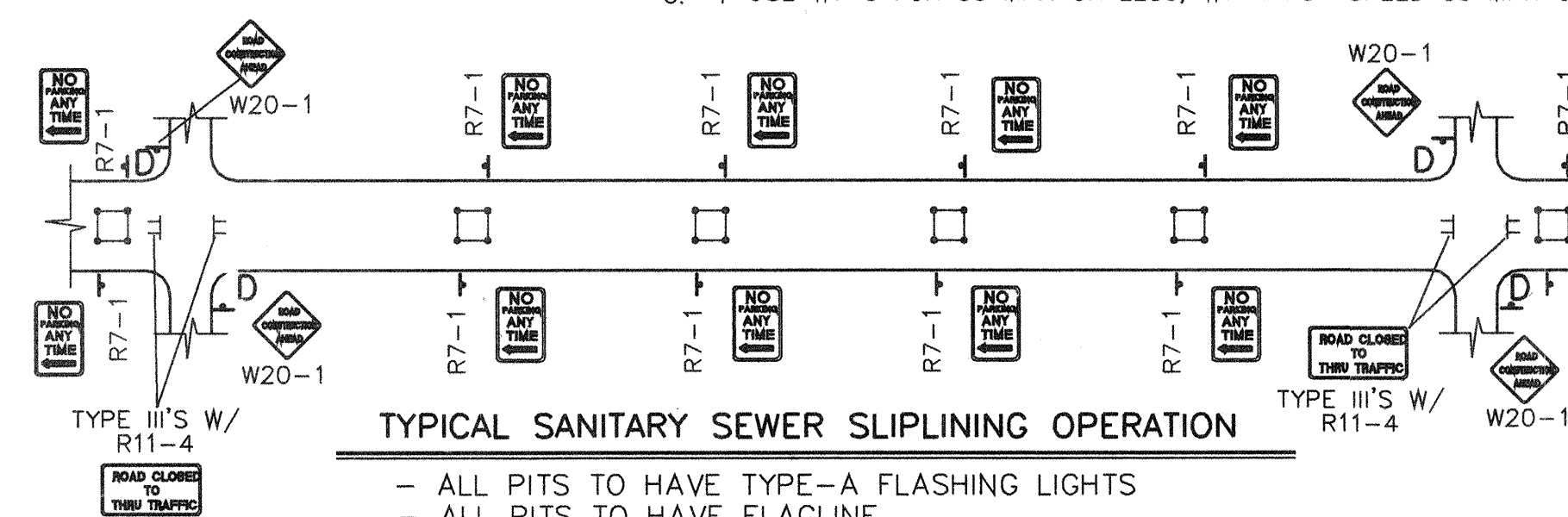


TYPICAL TRAFFIC SPLIT--(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

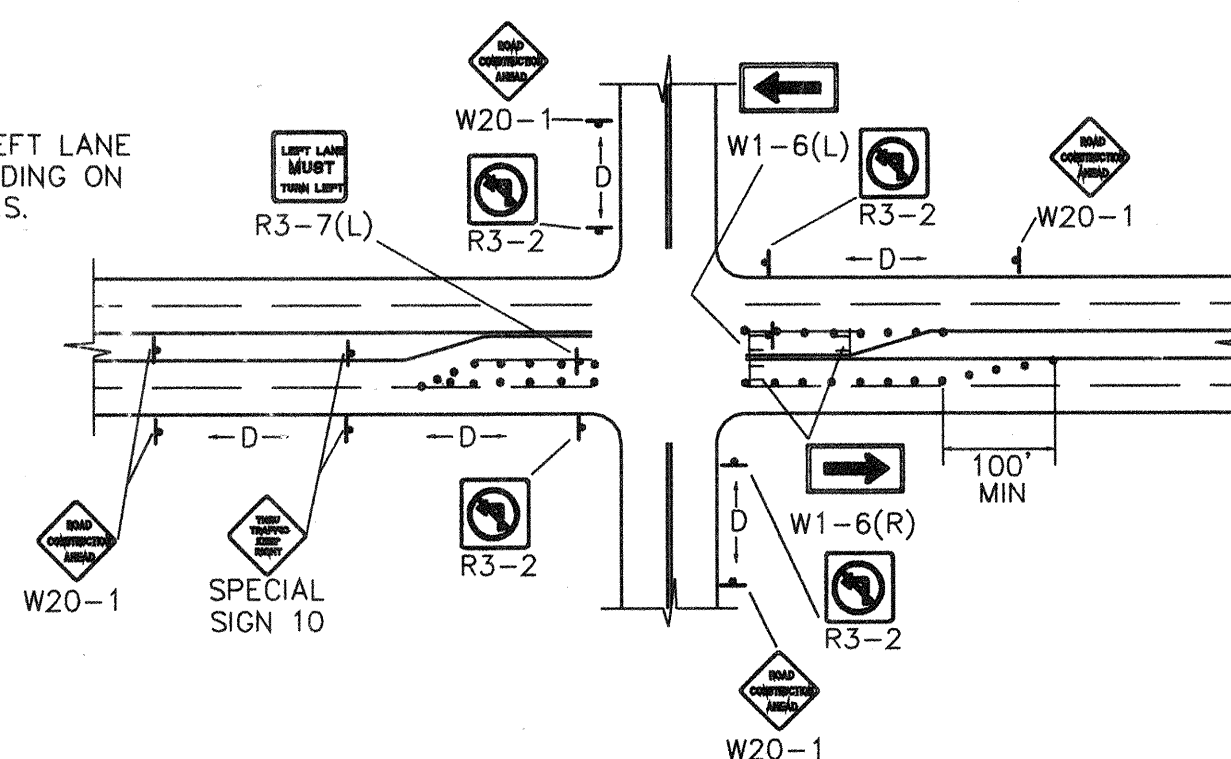
- TRAFFIC SPLIT NOTES:**
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
  2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
  3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
  4. MEDIAN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



### TYPICAL SANITARY SEWER SLIPLINING OPERATION

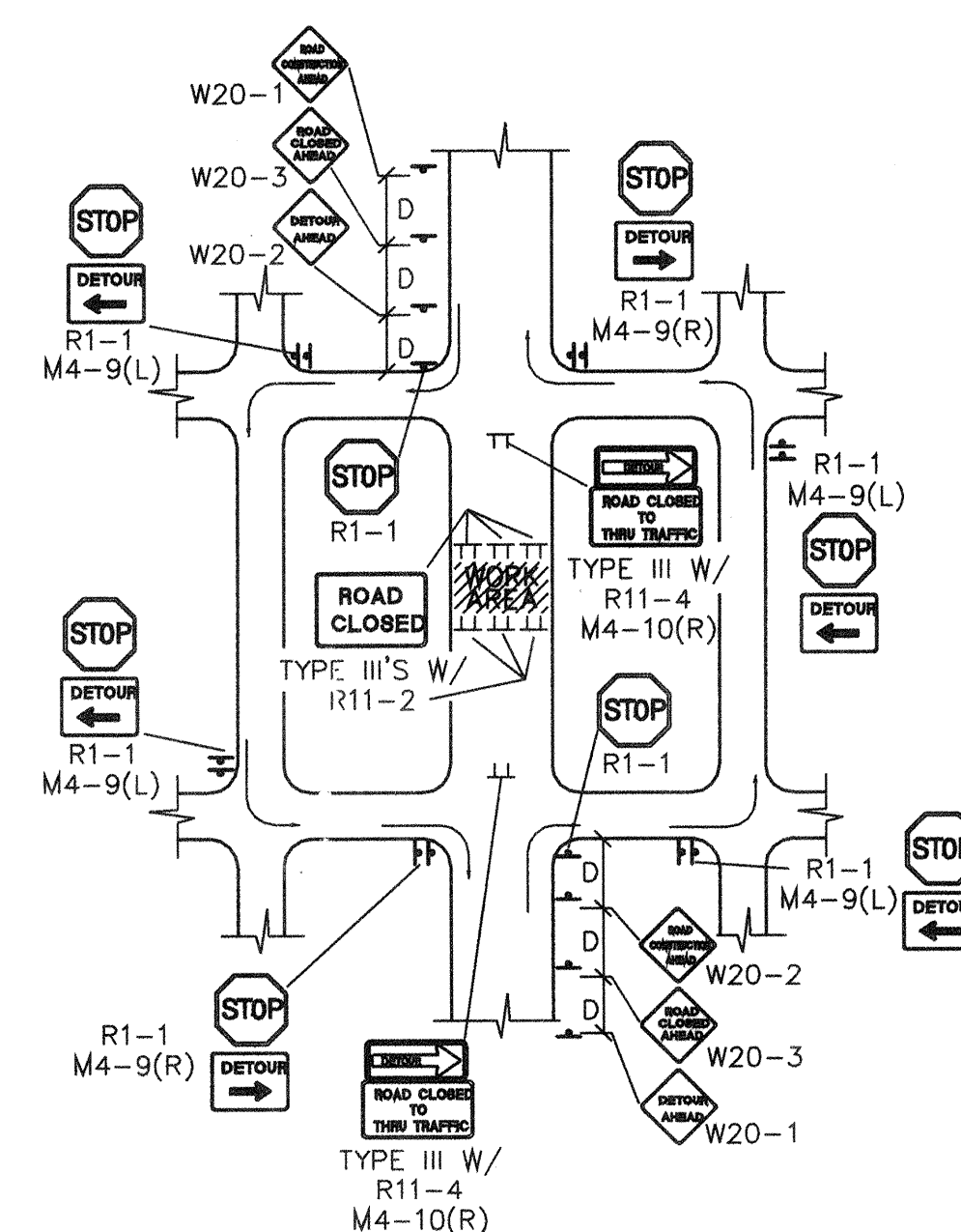
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

NOTE:  
MAY REQUIRE LEFT LANE  
CLOSURE DEPENDING ON  
FIELD CONDITIONS.



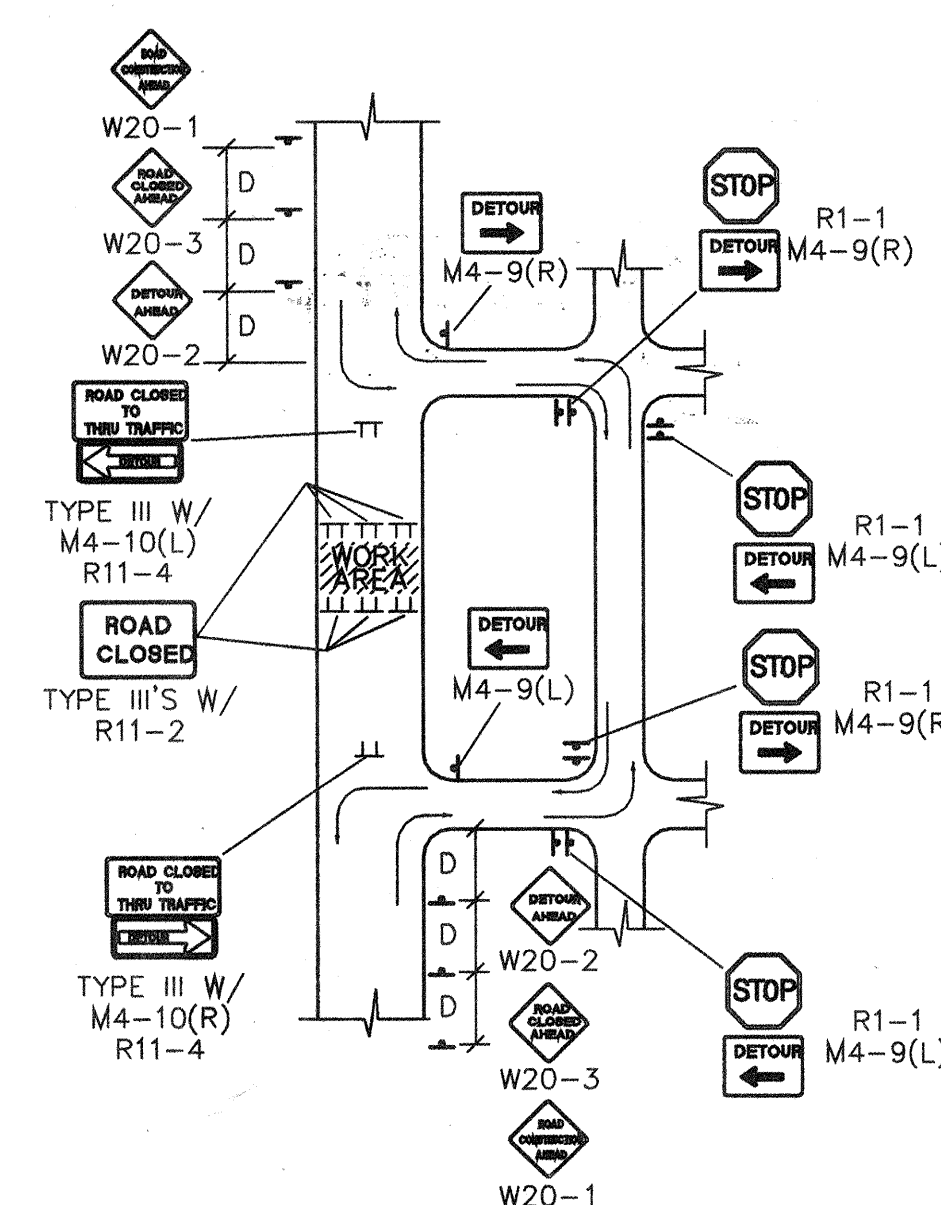
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



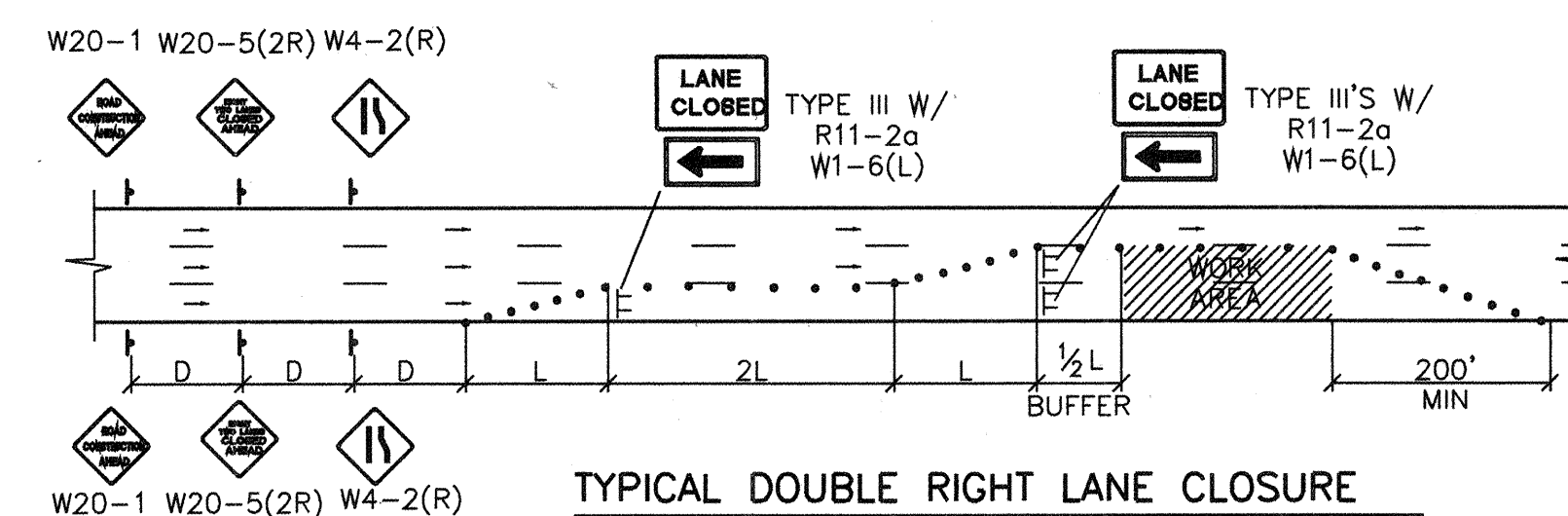
### TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS

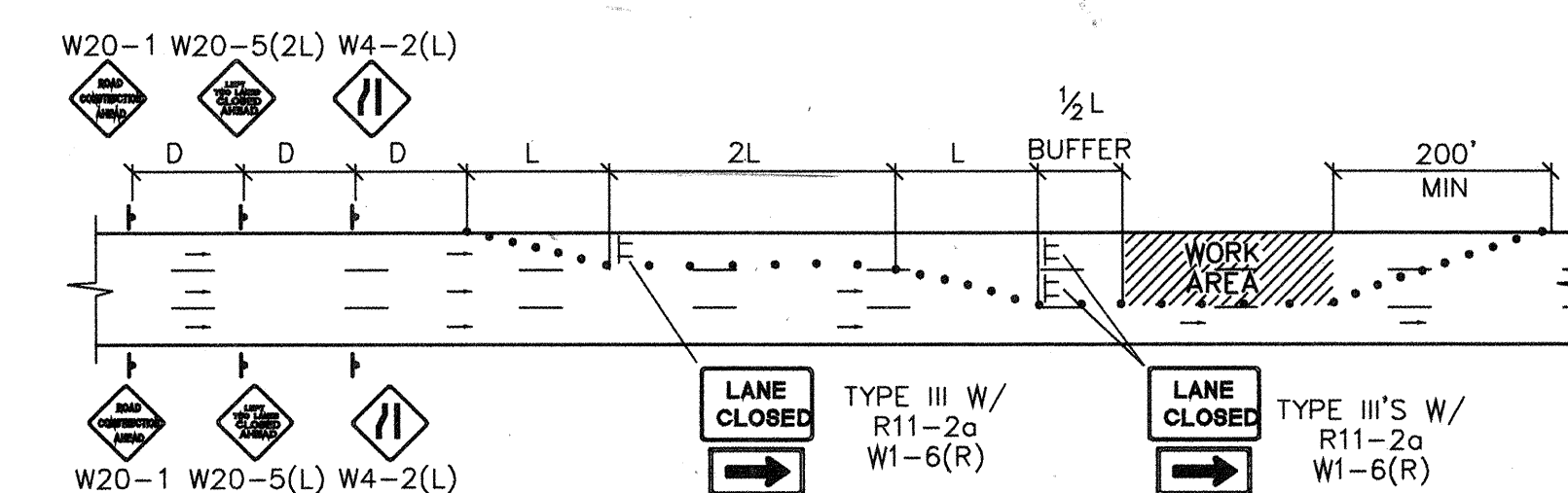


### TYPICAL STREET CLOSURE

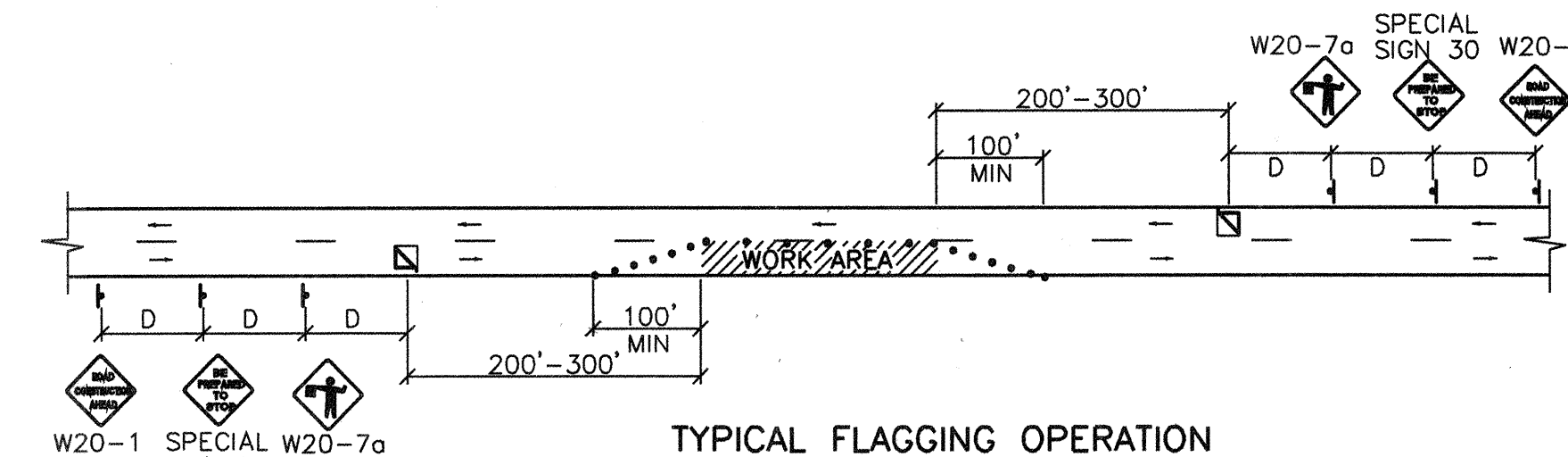
NOTE: (R1-1) BASED ON FIELD CONDITIONS



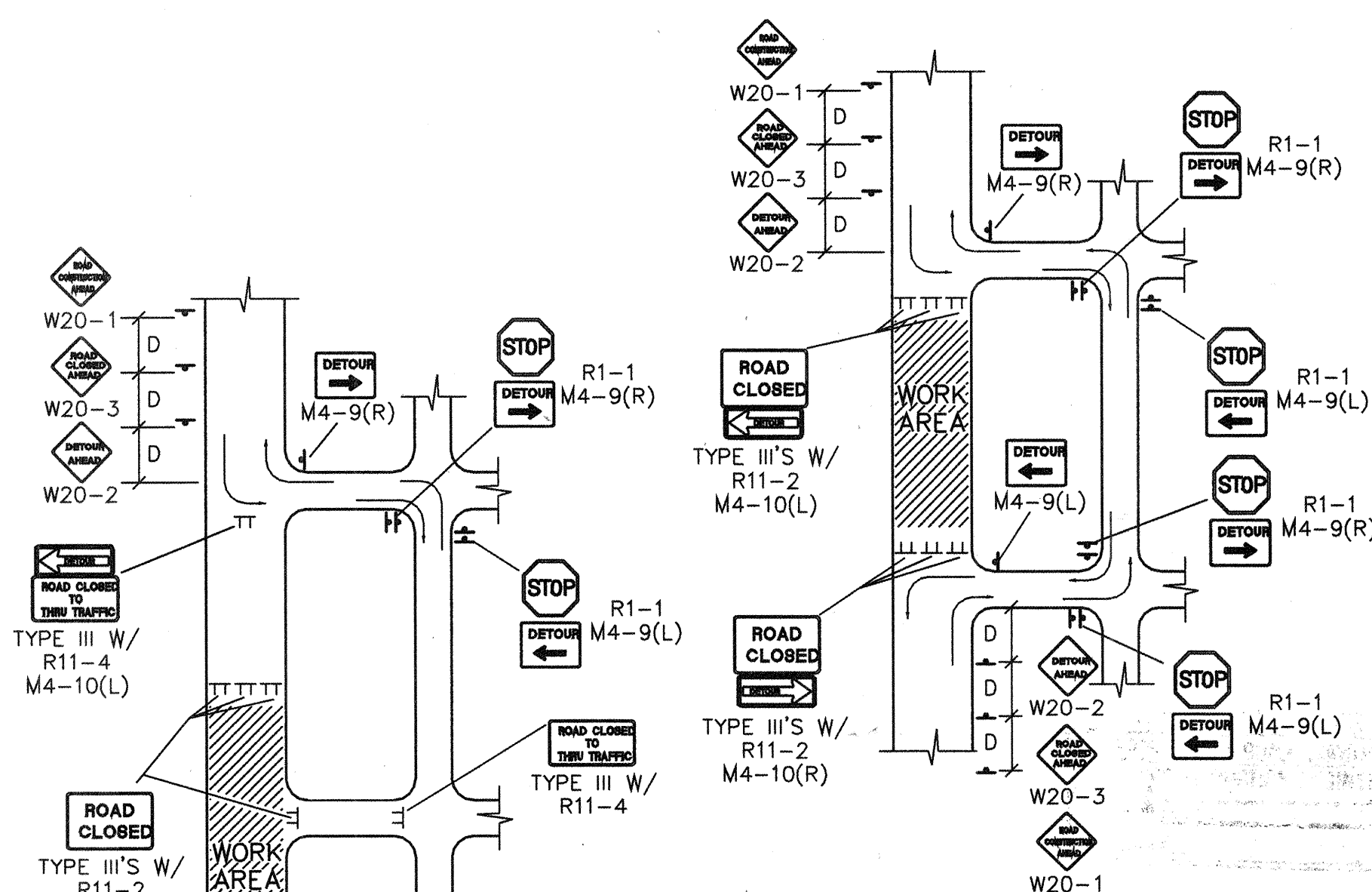
### TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

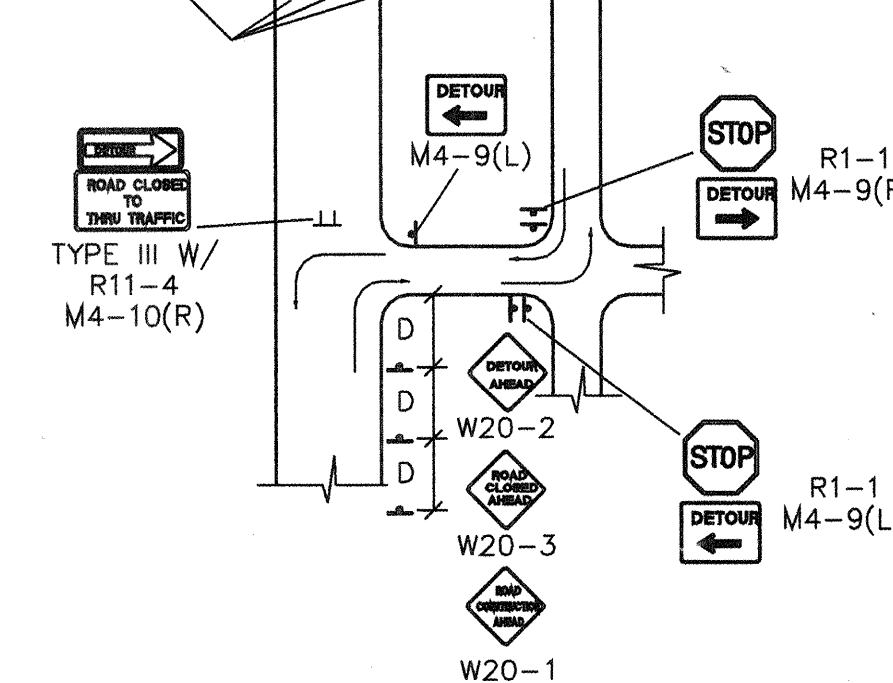


## TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



### TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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