

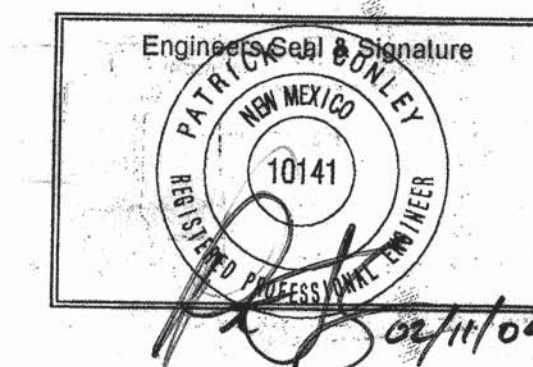
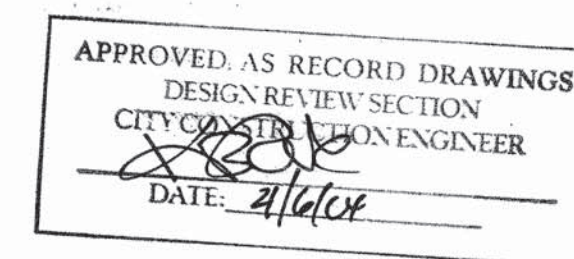
CONSTRUCTION PLANS FOR VISTA DE ARENAL UNIT II SUBDIVISION AT VENTANA RANCH ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
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14	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES (REF. M.U.T.C.D.)

RECORD DRAWINGS

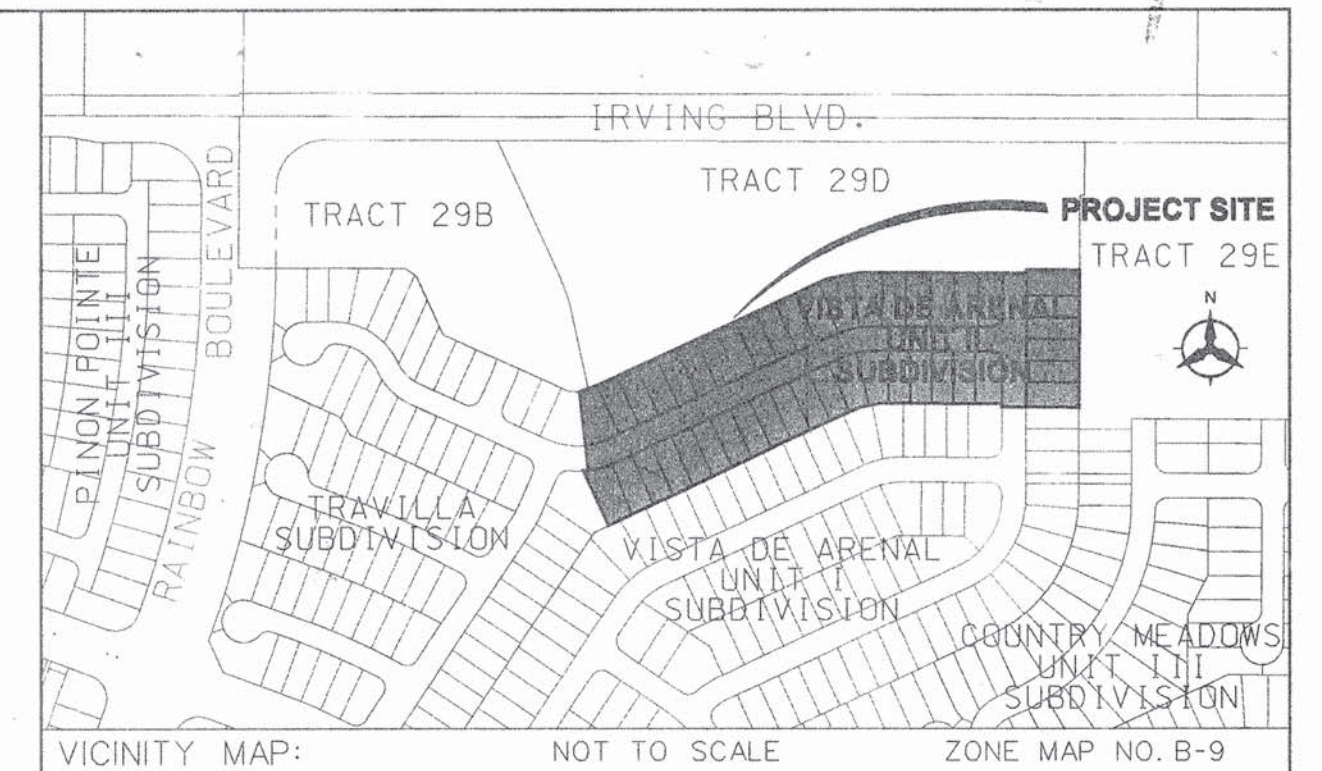
I, PATRICK J. CONLEY of the firm of SMITH ENG. CO.
A Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications, while ~~someone from Smith Engineering Company was onsite~~, 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 Tim Aldrich (Surveyor Name) NMPS number 7719 (PS #).



SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction, that the 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

Timothy Aldrich, P.S. 02-11-04 Date



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. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL PERMANENT 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. 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 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 (888-2661) 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.
- 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.

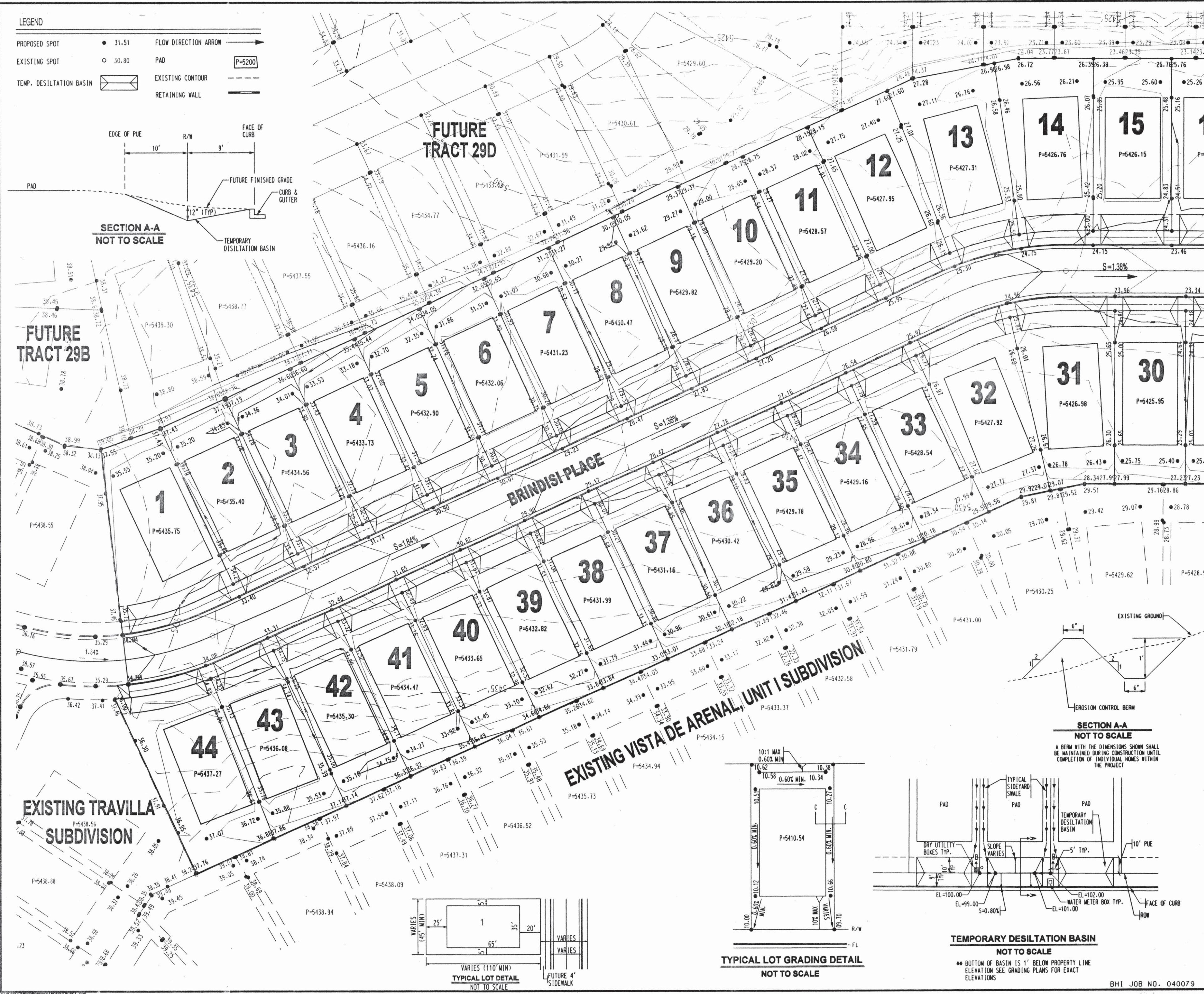
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ 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.
- ☒ 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 REQUESTOR 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.

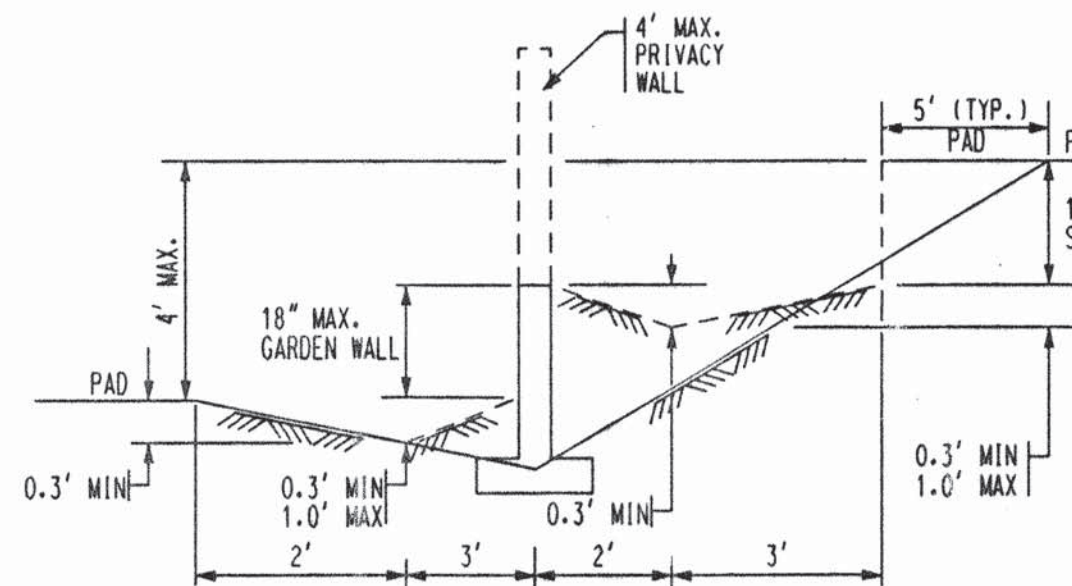
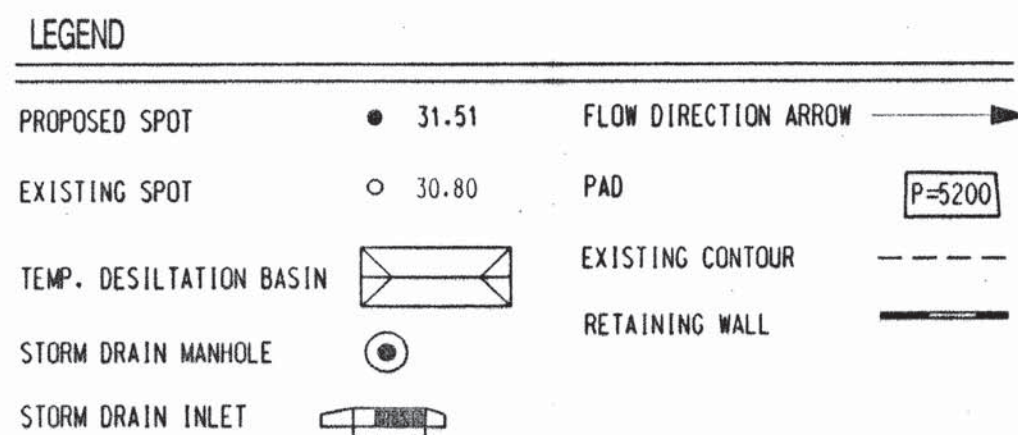
HAB 3-17-04

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman				9-30-03	
		Transportation				9/18/03	
		Water/Wastewater				9/18/03	
		Hydrology				5-18-03	
		CIP				9-30-03	
DRB Case Number		Const. Mngmt.				9-30-03	
		Const. Coord.				9-10-03	
City Project No.		664382		Sheet		1 of 14	

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ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES



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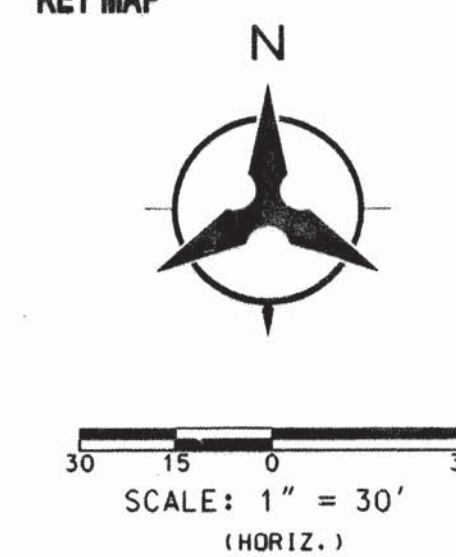
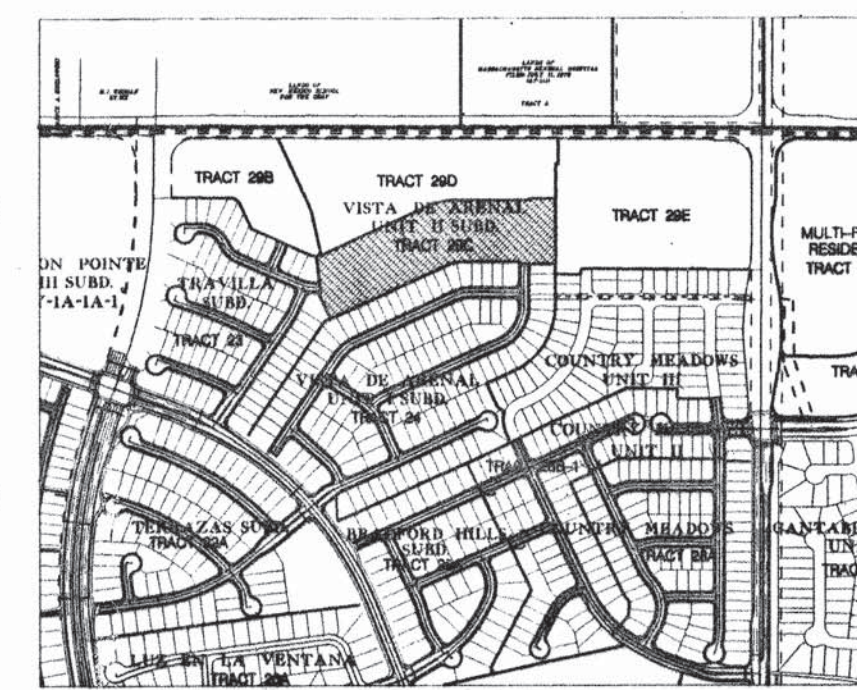


IRVING BLVD.

EX. 66" SD
PROJECT # 706381

FUTURE
TRACT 29D

FUTURE
TRACT 29E



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VISTA DE ARENAL UNIT II SUBDIVISION
TRACT 29 AT VENTANA RANCH
GRADING PLAN

DESIGN REVIEW COMMITTEE/CITY ENGINEER APPROVAL

For Information
Only

CITY PROJECT NO.

664382

ZONE MAP NO.

B-9

SHEET

OF

X

X

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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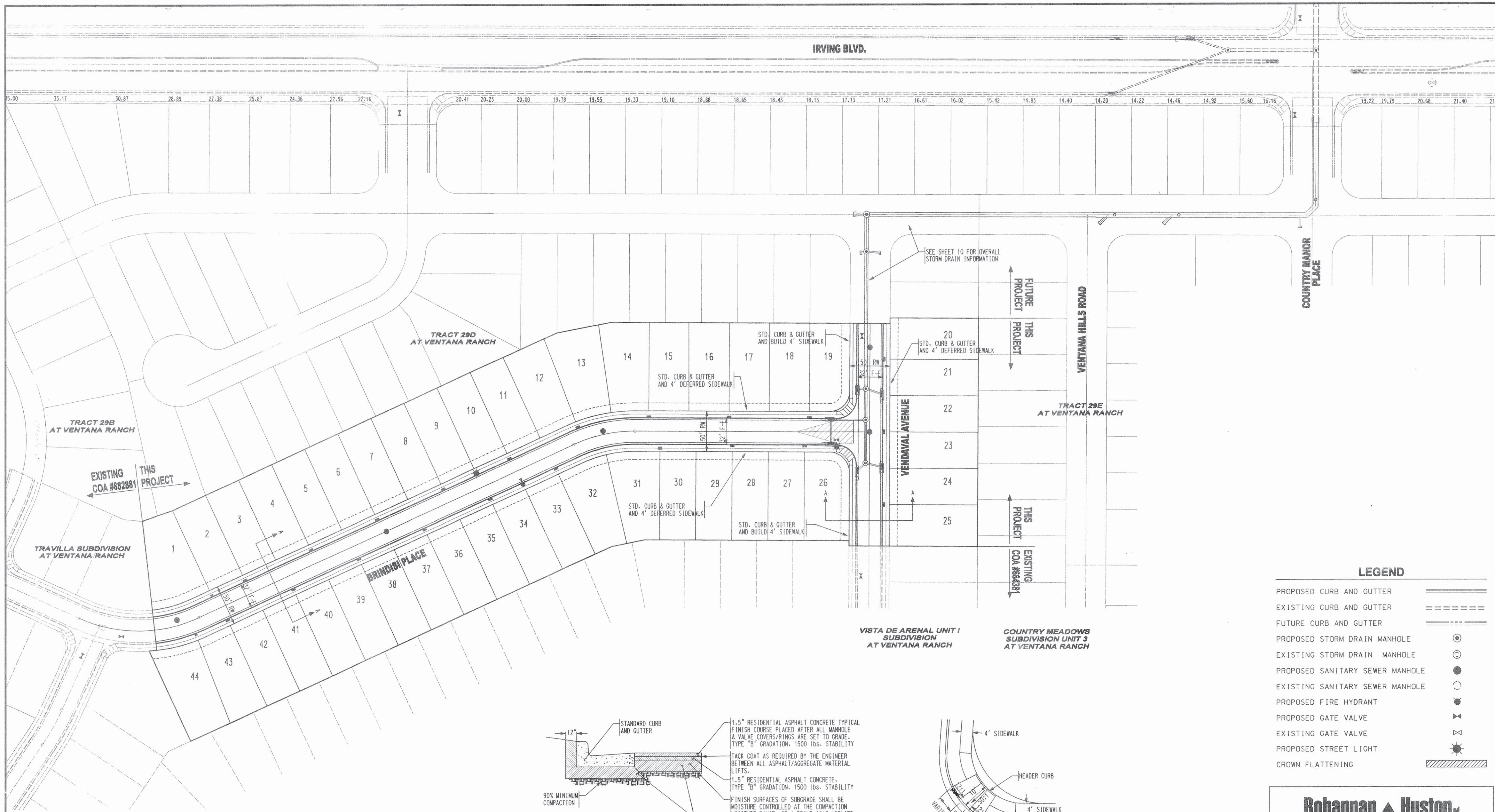
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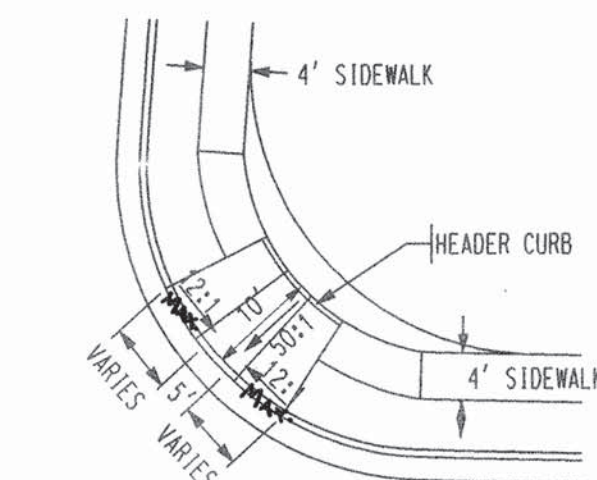
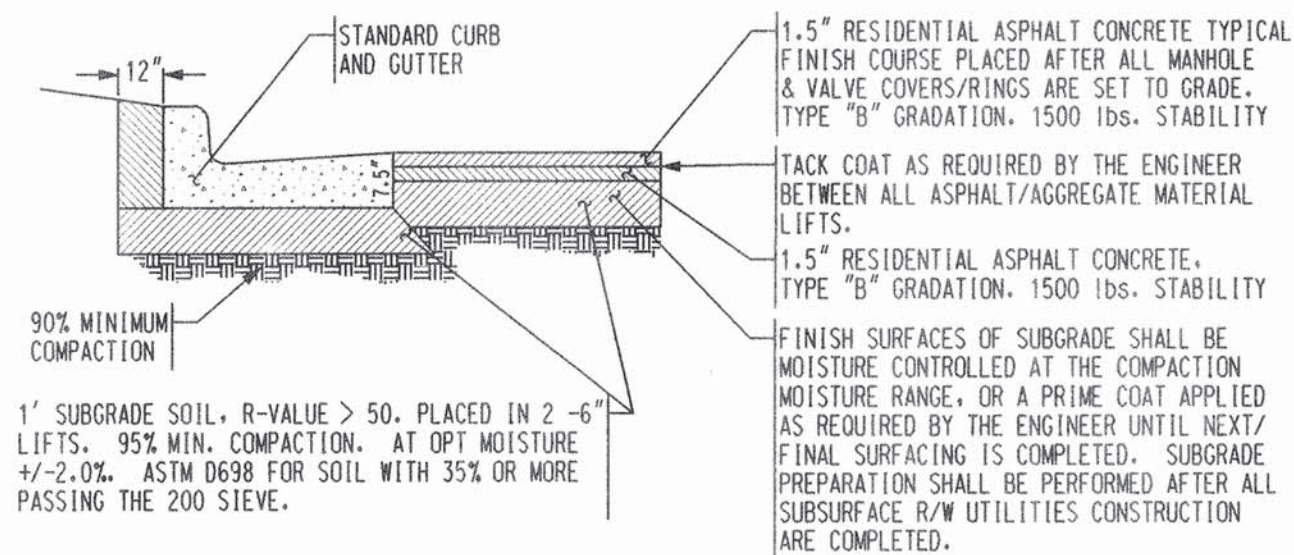
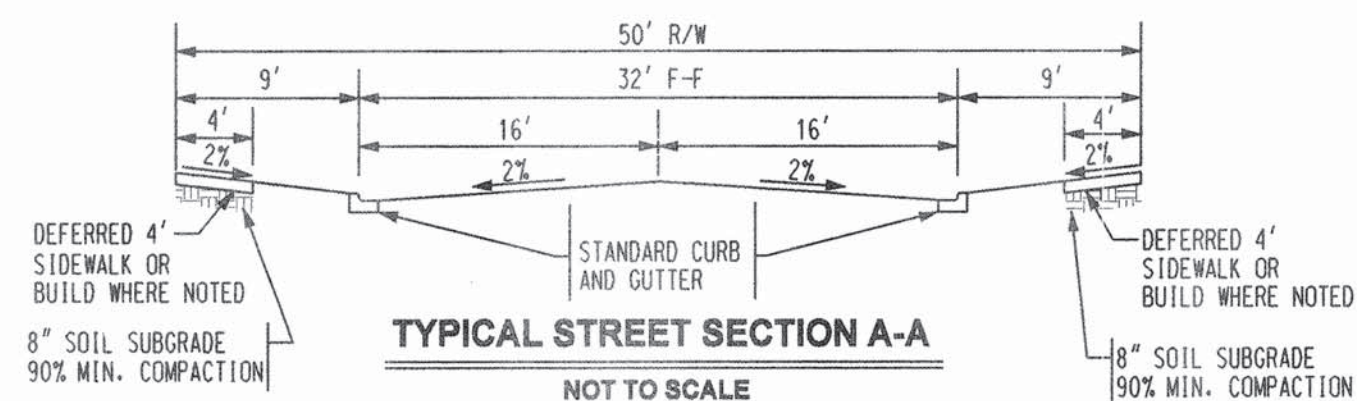


TRAVILLA SUBDIVISION
AT VENTANA RANCH

VISTA DE ARENAL UNIT I
SUBDIVISION
AT VENTANA RANCH

VISTA DE ARENAL UNIT I
SUBDIVISION
AT VENTANA RANCH

COUNTRY MEADOWS
SUBDIVISION UNIT 3
AT VENTANA RANCH



TYPICAL SUBDIVISION PAVEMENT SECTION
(REFER TO COA STD. DWG. 2408)
(EXCEPT TYPE "B" GRADATION SHALL BE USED)
NOT TO SCALE

NOTE:
*SOIL NOT HAVING THE MINIMUM R-VALUE OF 50, SHALL
BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED,
BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR PAVEMENT
SECTION SHALL BE DESIGNED, BY THE CONSULTANT ACCORDING
THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.*

WHEEL CHAIR RAMP DETAIL
SEE MODIFIED STD. DWG. 2441 CASE II
NOT TO SCALE
(AS USED THROUGHOUT
VENTANA RANCH)

LEGEND

- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FUTURE CURB AND GUTTER
- PROPOSED STORM DRAIN MANHOLE
- EXISTING STORM DRAIN MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- PROPOSED STREET LIGHT
- CROWN FLATTENING

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
OVERALL PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
SEP 30 2003	OCT 10 2003		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
664382	B-9	6	14

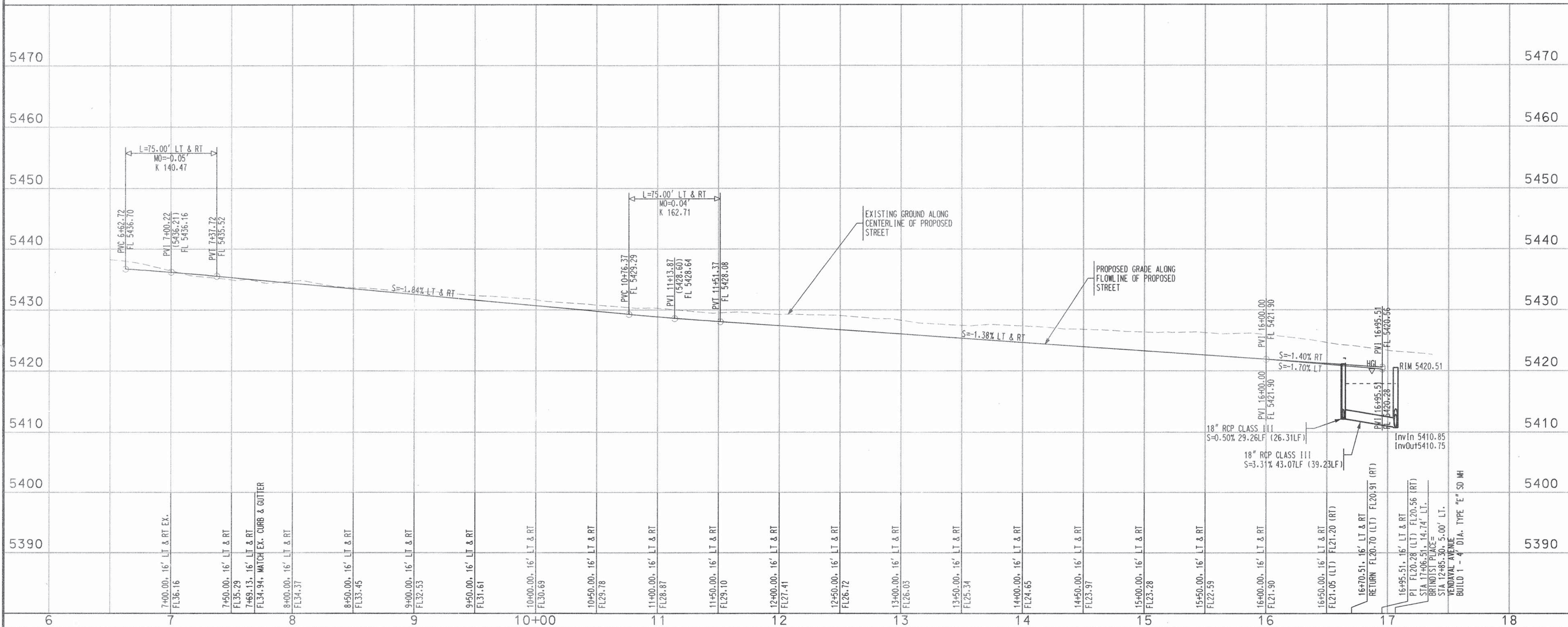
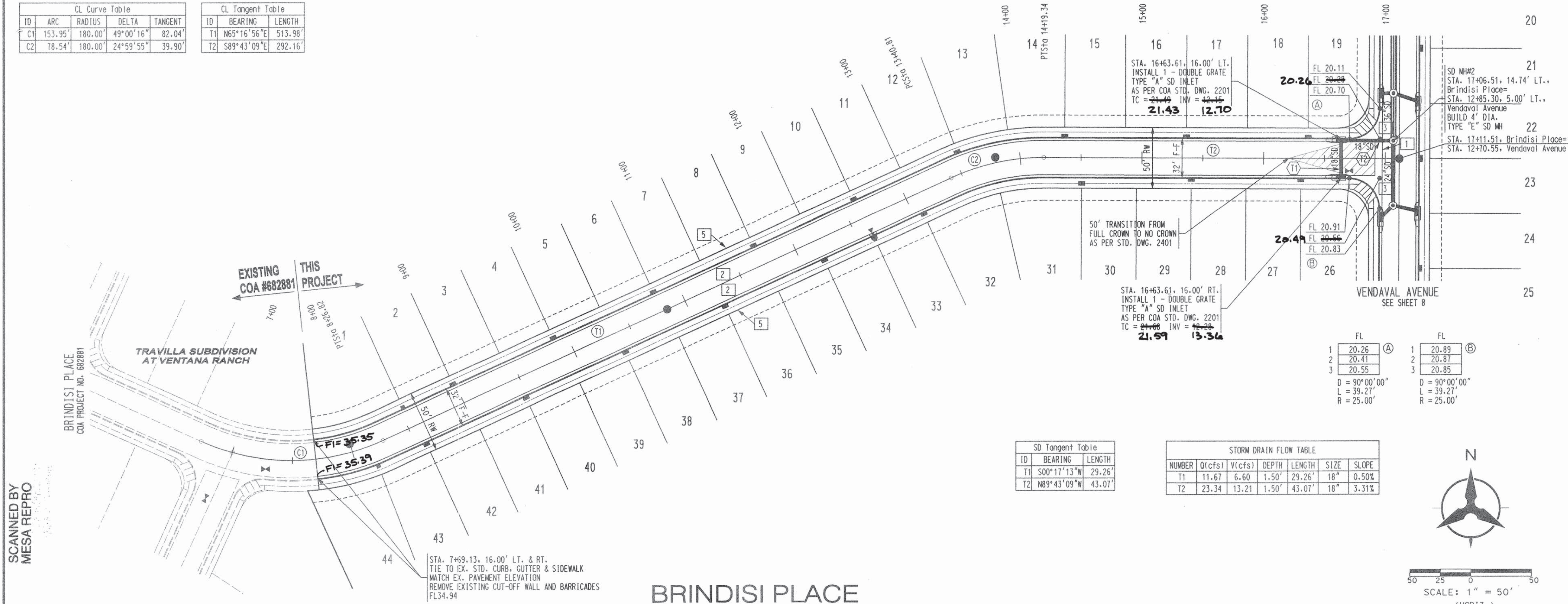
ENGINEER'S SEAL SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	NO.	DATE	CONTRACTOR	DATE
1	5/22/03	1	5/22/03	CONTRACTOR	DATE
2	5/22/03	2	5/22/03	INSPECTOR'S	DATE
3	5/22/03	3	5/22/03	ACCEPTANCE BY	DATE
4	5/22/03	4	5/22/03	VERIFICATION BY	DATE
5	5/22/03	5	5/22/03	RECORDED BY	DATE
6	5/22/03	6	5/22/03	NO.	DATE



NO.	DATE	REMARKS	PLT	BY
1	5/22/03	ADDED RETAINING WALL DETAIL SHEET		
2	5/22/03	DESIGN		
3	5/22/03	REVISIONS		
4	5/22/03	DESIGN		
5	5/22/03	DESIGN		
6	5/22/03	DESIGN		

CL Curve Table					CL Tangent Table		
ID	ARC	RADIUS	DELTA	TANGENT	ID	BEARING	LENGTH
C1	153.95'	180.00'	49°00'16"	82.04'	T1	N65°16'56"E	513.98'
C2	78.54'	180.00'	24°59'55"	39.90'	T2	S89°43'09"E	292.16'

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NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF 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 GRADES 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.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

KEYED GENERAL NOTES

- INSTALL 6" CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- INSTALL WHEELCHAIR RAMP AS PER MODIFIED STD. DWG. 2441, CASE II WITH ALTERNATE SECTION AA AND AS PER DETAIL SHEET 6
- BUILD 4' SIDEWALK AS PER STD. DWG. 2430
- DEFERRED 4' SIDEWALK

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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP
 VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
 PAVING PLAN & PROFILE
 BRINDISI PLACE

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL
 SEP 30 2003
 OCT 10 2003
 CITY ENGINEER

ENGINEER'S SEAL
 REGISTERED PROFESSIONAL ENGINEER
 14674
 10/03

AS-BUILT INFORMATION
 CONTRACTOR: Sundance
 INSPECTOR'S: AIS
 ACCEPTANCE BY: AIS
 VERIFICATION BY: AIS
 DATE: 10/10/03
 DATE: 10/10/03
 DATE: 10/10/03

FIELD NOTES
 NO. BY DATE
 NO. BY DATE
 NO. BY DATE

REMARKS
 REVISIONS
 DESIGN

NO. DATE
 DESIGNED BY: PLT/GMM
 DRAWN BY: SAR/GMM
 CHECKED BY: PLT

DATE
 DATE 07/2003
 DATE 07/2003
 DATE 07/2003

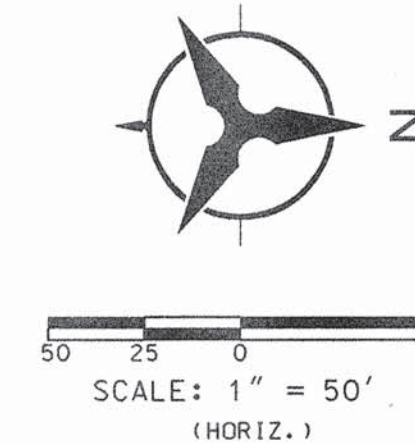
CITY PROJECT NO. 664382
ZONE MAP NO. B-9
SHEET 7 **OF** 14

ID	BEARING	LENGTH
T1	N00°16'51"E	141.67'
T2	N00°16'51"E	135.00'

ID	BEARING	LENGTH
T1	N45°13'00"E	13.44'
T2	N76°41'00"W	20.02'
T3	N00°16'51"E	53.12'
T4	N00°16'51"E	38.70'
T5	N89°01'48"E	9.52'
T6	N71°41'57"W	20.51'
T7	N00°16'51"E	171.00'
T8	N79°06'44"E	9.68'
T9	N84°31'02"W	19.59'
T10	N00°16'51"E	46.07'

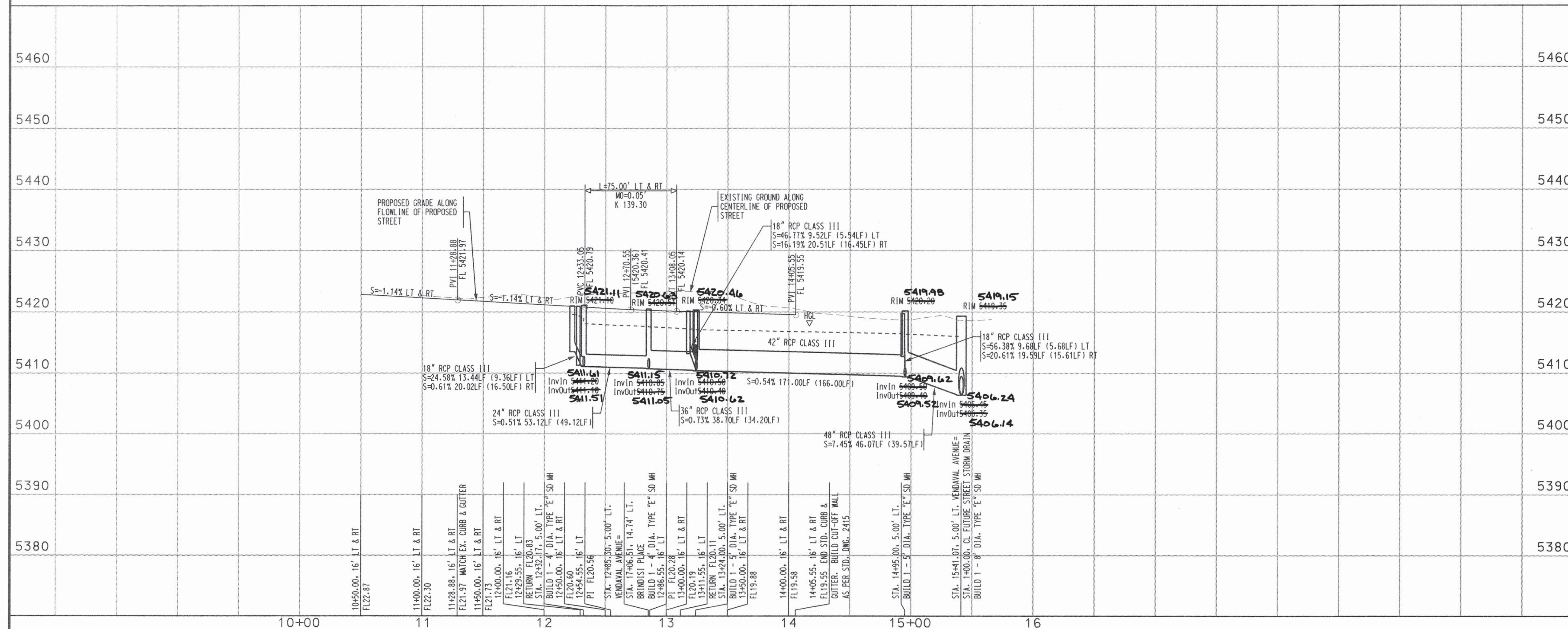
NUMBER	Q(cfs)	V(cfs)	DEPTH	LENGTH	SIZE	SLOPE
T1	10.02	22.75	0.45'	13.44'	18"	24.58%
T2	10.02	5.67	1.50'	20.02'	18"	0.61%
T3	20.04	6.38	2.00'	53.12'	24"	0.51%
T4	43.38	8.88	1.96'	38.70'	36"	0.73%
T5	12.15	30.20	0.42'	9.52'	18"	46.77%
T6	12.15	20.64	0.55'	20.51'	18"	16.19%
T7	67.68	8.73	2.63'	171.00'	42"	0.54%
T8	8.03	28.59	0.32'	9.68'	18"	56.38%
T9	8.03	20.02	0.42'	19.59'	18"	20.61%
T10	83.74	24.82	1.25'	46.07'	48"	7.45%

- NOTES
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VENDAVAL AVENUE



KEYED GENERAL NOTES

- INSTALL 6" CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- INSTALL WHEELCHAIR RAMP AS PER MODIFIED STD. DWG. 2441, CASE II WITH ALTERNATE SECTION AA AND AS PER DETAIL SHEET 6
- BUILD 4' SIDEWALK AS PER STD. DWG. 2430
- DEFERRED 4' SIDEWALK

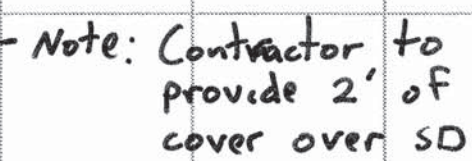
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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP
 VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
 PAVING PLAN & PROFILE
 VENDAVAL AVENUE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 30 2003	APPROVED OCT 10 2003		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	



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- ① BACKFILL COMPACTED PER COA STD SPECIFICATIONS
- ② 24" SUBGRADE COMPACTED TO 95% ASTM D-1557. COMPACT IN LIFTS NOT EXCEEDING 8" LOOSE.
- ③ 4' DIA. MANHOLE RISERS AS REQUIRED.

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ENGINEERING **SPATIAL DATA** **ADVANCED TECHNOLOGIES**

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
PAVING PLAN & PROFILE
FUTURE STREET STORM DRAIN

[illegible]

CITY PROJECT NO.	664382	ZONE MAP NO.	B-9	SHEET	9	OF	14
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[illegible]

LEGEND

PROPOSED SANITARY SEWER MANHOLE	
EXISTING SANITARY SEWER MANHOLE	
PROPOSED FIRE HYDRANT	
EXISTING FIRE HYDRANT	
PROPOSED GATE VALVE	
EXISTING GATE VALVE	
PROPOSED SANITARY SEWER LINE	SAS
EXISTING SANITARY SEWER LINE	SAS
PROPOSED WATER LINE	W
EXISTING WATER LINE	W
PROPOSED STREET LIGHT	
PROPOSED WATER METER SERVICE	
PROPOSED STREET LIGHT	

APPROVED BY NMUI 7-10-03
DATE

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ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
OVERALL UTILITY PLAN

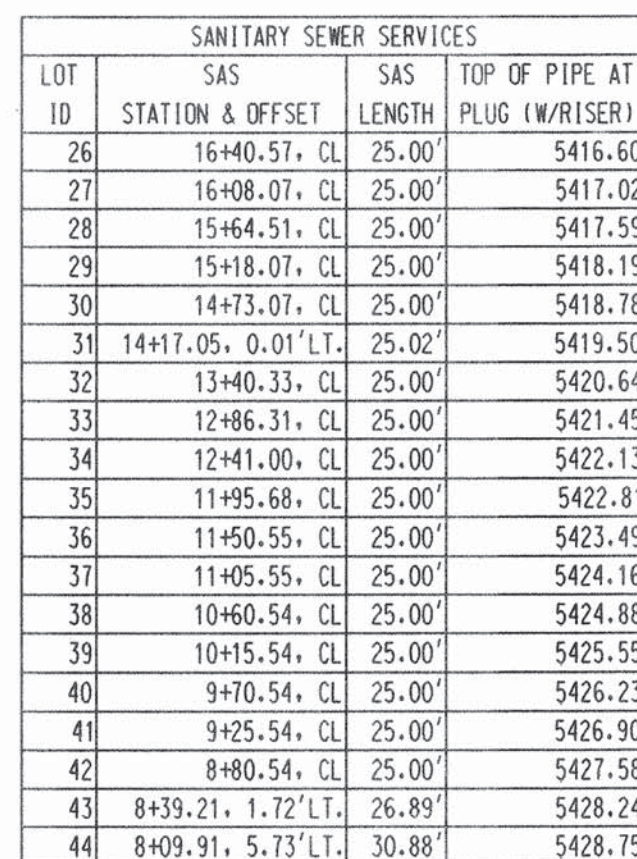
CITY PROJECT NO.	664382	ZONE MAP NO.	B-9	SHEET	10	OF	14
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BHI JOB NO. 040079

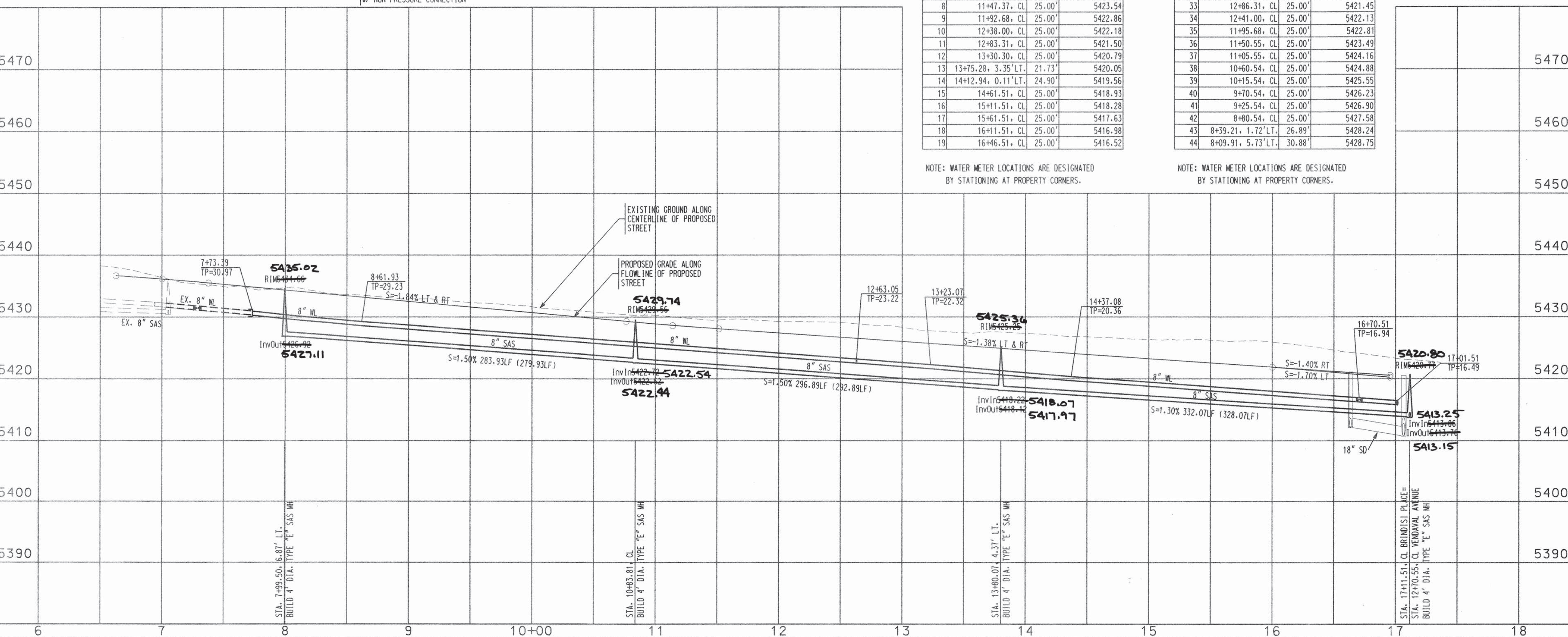
664382

ZONE MAP NO.	SHEET	OF
B-9	10	14

WL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C2	50.18'	250.00'	11°30'00"	25.17



NOTE: WATER METER LOCATIONS ARE DESIGNATED
BY STATIONING AT PROPERTY CORNERS.



BHI JOB NO. 040079

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 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' 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.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART F.

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
								FIELD NOTES		ACS BRASS TABLET "2-BIT0 1980"		CONTRACTOR SUNDAKE STARTED BY AIS INSPECTOR'S AIS FIELD ADJUSTANCE BY 982 VERIFICATION BY AIS CORRECTED BY AIS MICRO-FILM INFORMATION RECORDED BY _____ DATE _____ NO. _____	
				NO.									
NO.		DATE		REMARKS		BY							
				REVISIONS									
				DESIGN									
DESIGNED BY		PLT/GMM		DATE		07/2003							
DRAWN BY		SAR/GMM		DATE		07/2003							
CHECKED BY		PLT		DATE		07/2003							

QUERQUE
RTMENT
OPMENT GROUP
AT VENTANA RANCH
FILE

MO./DAY/YR.		MO./DAY/YR.	
SHEET		OF	
11		14	

SAS Tangent Table			WL Tangent Table		
ID	BEARING	LENGTH	ID	BEARING	LENGTH
T1	N00°16'51"E	126.67'	T3	N00°16'51"E	116.67'
T2	N00°16'51"E	105.15'	T4	N00°16'51"E	189.45'

SANITARY SEWER SERVICES				
LOT	SAS	LENGTH	TOP OF PIPE AT	PLUG (W/RISER)
20	13+70.70, CL	25.00'	5416.29	
21	13+38.20, CL	25.00'	5416.10	
22	12+93.20, CL	25.00'	5415.83	
23	12+48.20, CL	25.00'	5415.48	
24	12+03.20, CL	25.00'	5415.21	
25	11+54.79, CL	25.00'	5414.92	

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

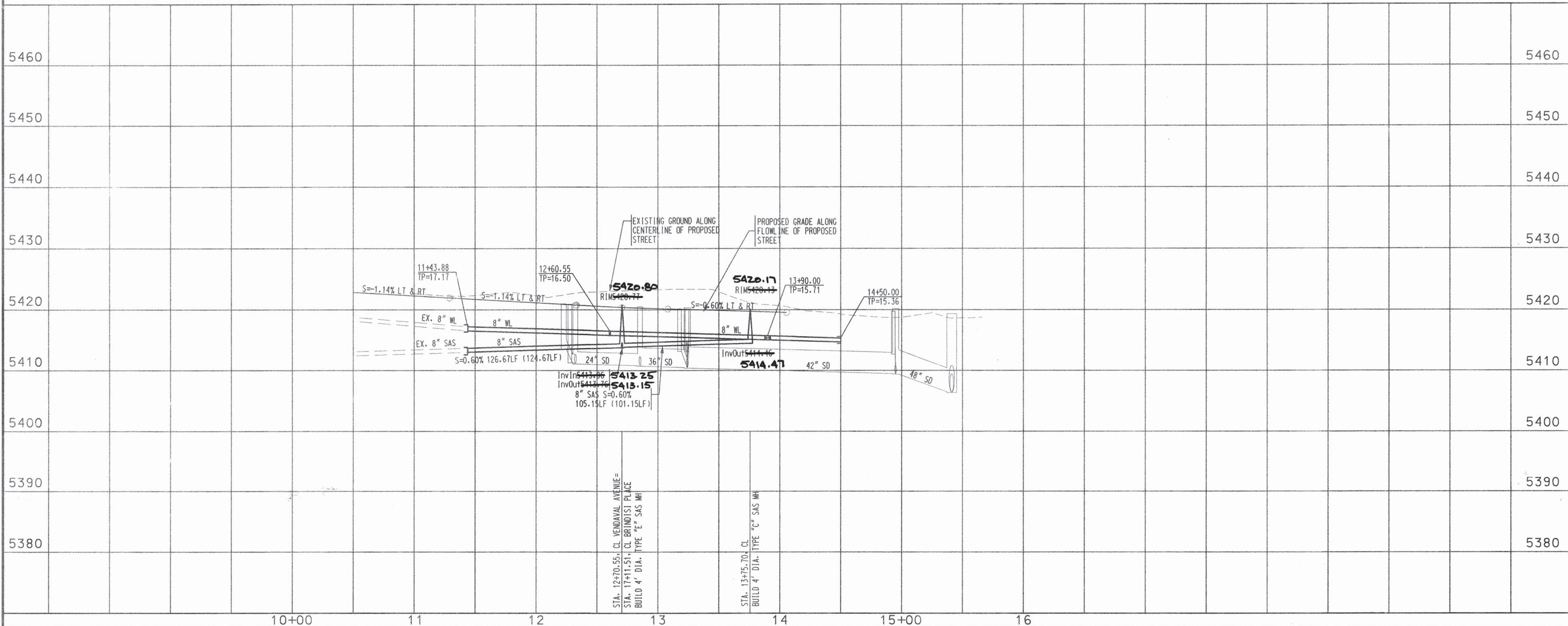
NOTES

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SCALE: 1" = 50' (HORIZ.)

VENDAVAL AVENUE



APPROVED BY NMUI 7-10-03 DATE

Bohannon & Huston
 Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP
 VISTA DE ARENAL UNIT II SUBD. AT VENTANA RANCH
 UTILITY PLAN & PROFILE
 VENDAVAL AVENUE

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL
 APPROVED SEP 30 2003
 DESIGN REVIEW CITY ENGINEER
 LAST DESIGN UPDATE
 OCT 10 2003

CITY PROJECT NO. 664382 ZONE MAP NO. B-9 SHEET 12 OF 14

AS-BUILT INFORMATION		BENCH MARKS		ENGINEER'S SEAL SURVEY INFORMATION		FIELD NOTES	
CONTRACTOR	SUNDANCE	ACS BRASS TABLET "2-B10 1980"		NO.	DATE	NO.	DATE
WORKED BY	ALS	GEOGRAPHIC POSITION (NAD 1927)		BY		BY	
INSPECTOR'S ACCEPTANCE BY	ALS	N.M. STATE PLANE COORDINATES		NO.	DATE	NO.	DATE
VERIFICATION BY	ALS	(CENTRAL ZONE)		NO.	DATE	NO.	DATE
DRAWINGS BY	ALS	X=357.543.73 Y=1.527.976.48		NO.	DATE	NO.	DATE
CHECKED BY	ALS	GROUND TO GRID FACTOR = 0.99966354		NO.	DATE	NO.	DATE
RECORDED BY		DELTA ALPHA = -00°16'30"		NO.	DATE	NO.	DATE
NO.		NGVD 1929 ELEVATION = 5429.35		NO.	DATE	NO.	DATE



NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		PLT/GMM	
		SAR/GMM	
		PLT	
		DATE 07/2003	
		DATE 07/2003	
		DATE 07/2003	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE 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 WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

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

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

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

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

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

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

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

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

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

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

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

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, 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.

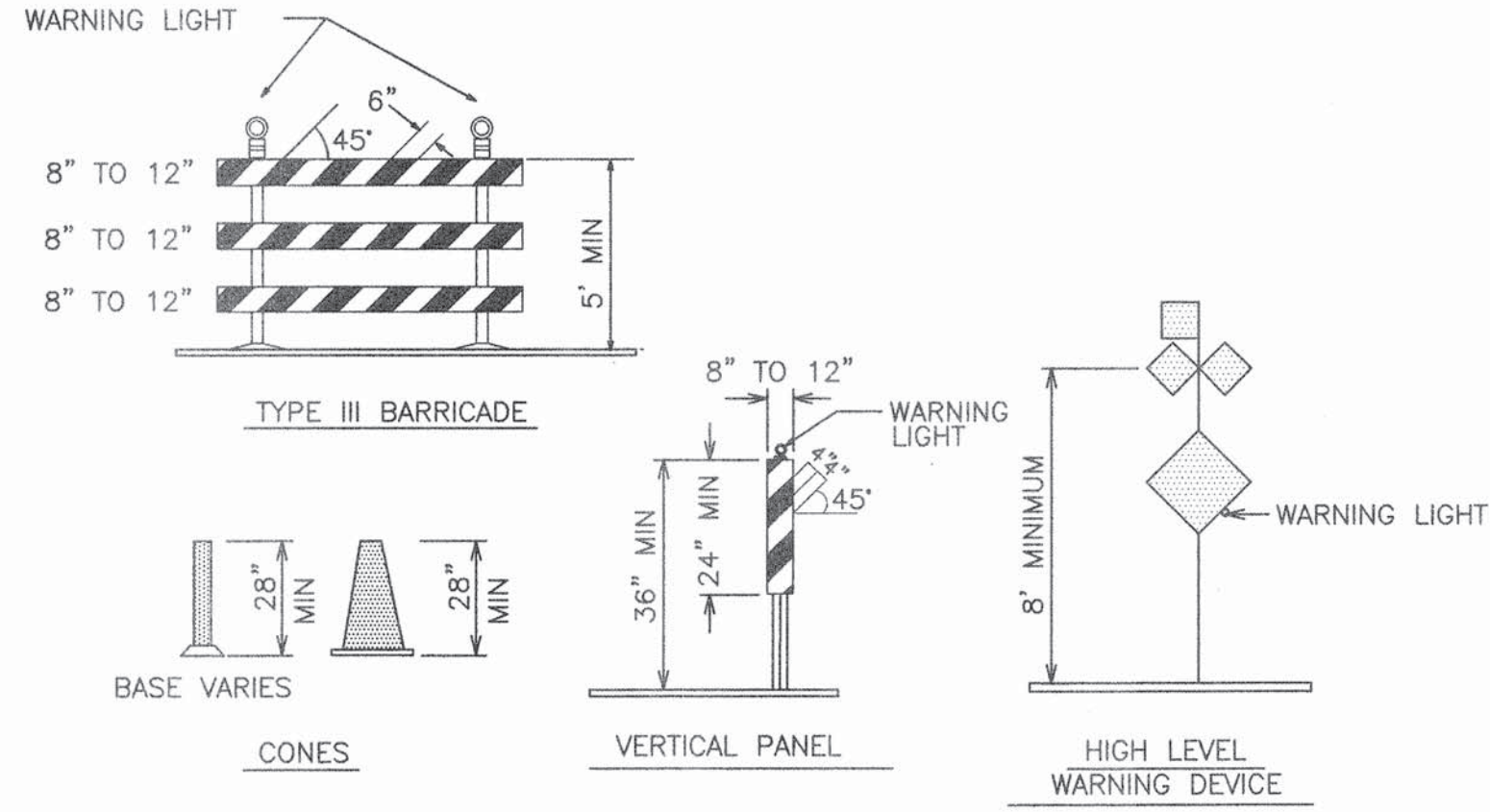
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

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

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

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



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

TAPER CRITERIA

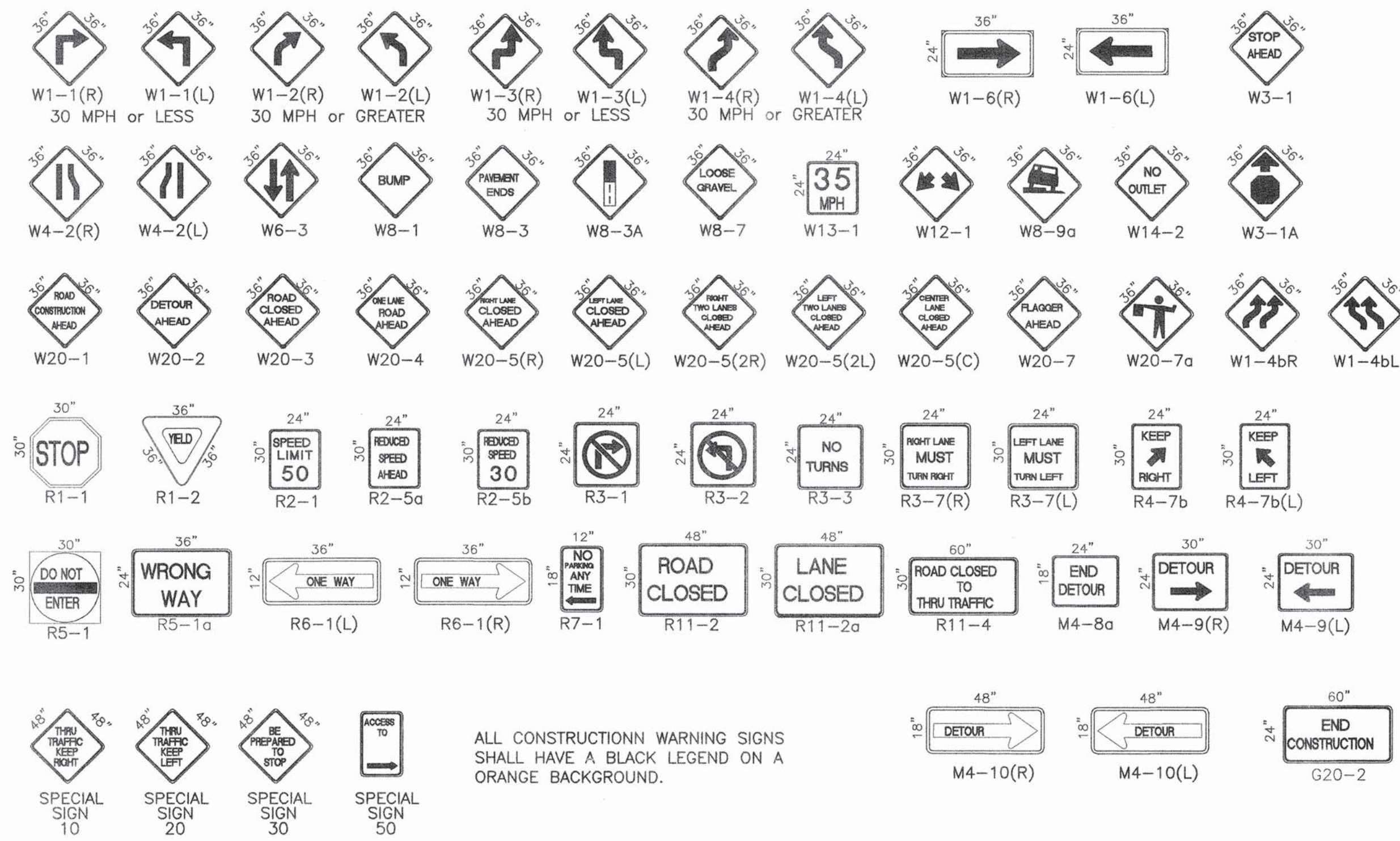
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

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

SIGN FACE DETAILS



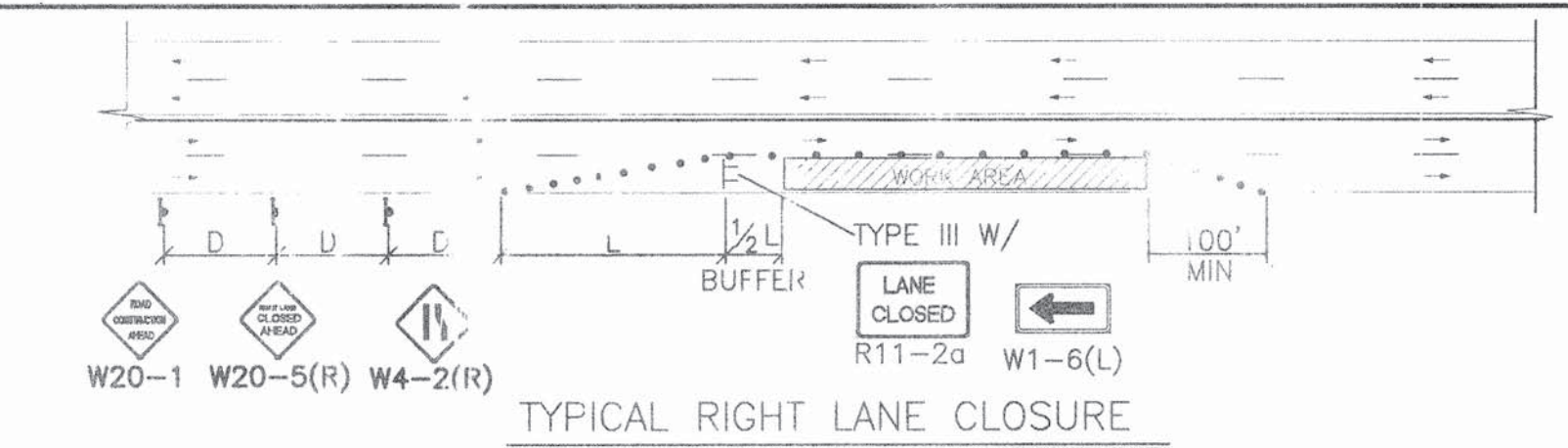
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

AS-BUILT INFORMATION		CONTRACTOR: Sundance		DATE: 2/04	
INSPECTOR: ALS		DATE: 2/04		DATE: 2/04	
FIELD OFFICE: ALS		DATE: 2/04		DATE: 2/04	
MICRO-FILM INFORMATION		RECORDED BY: ALS		DATE: 2/04	
NO.		RECORDED BY: ALS		DATE: 2/04	
BENCH MARKS		DATE: 2/04		DATE: 2/04	
SURVEY INFORMATION		DATE: 2/04		DATE: 2/04	
FIELD NOTES		DATE: 2/04		DATE: 2/04	
ENGINEER'S SEAL		DATE: 2/04		DATE: 2/04	
COA STD		DATE: 2/04		DATE: 2/04	
REMARKS		DATE: 2/04		DATE: 2/04	
DESIGN		DATE: 2/04		DATE: 2/04	
By: ALS		DATE: 2/04		DATE: 2/04	
No. ALS		DATE: 2/04		DATE: 2/04	
Designed By: COA		DATE: 2/04		DATE: 2/04	
Drawn By: COA		DATE: 2/04		DATE: 2/04	
Checked By: COA		DATE: 2/04		DATE: 2/04	

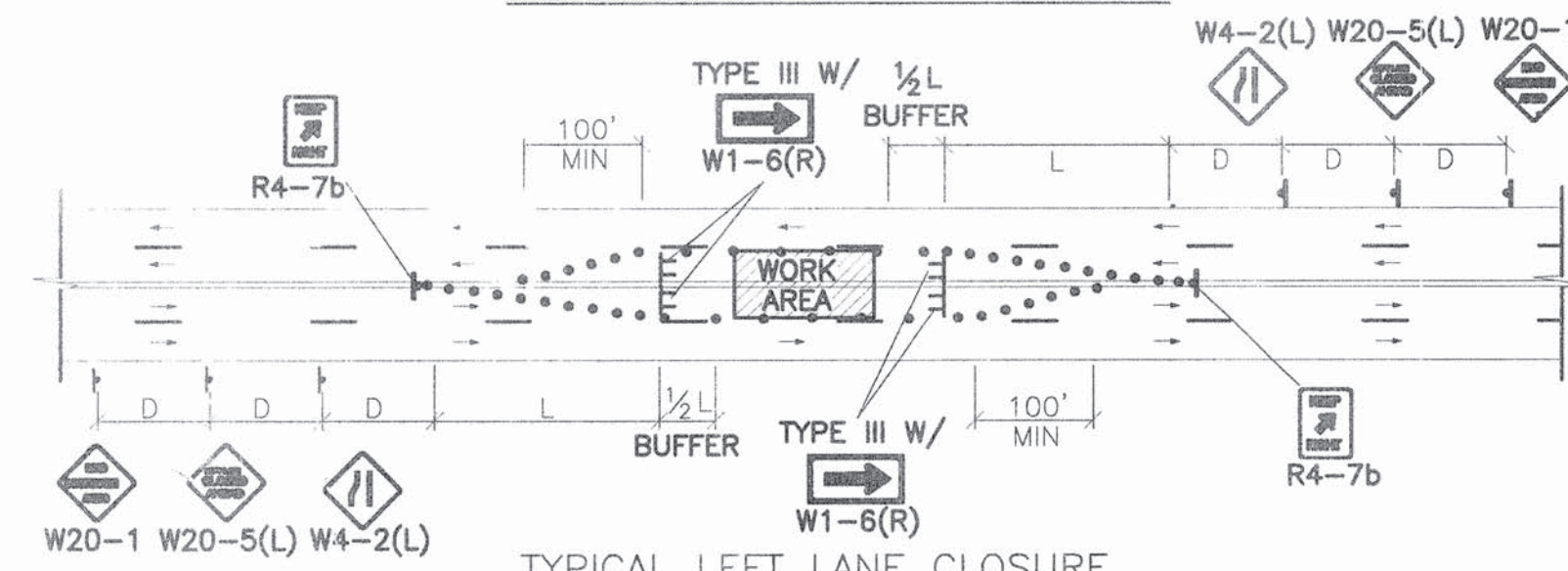
Bohannon & Huston
Courtland | 7500 Jefferson St. NE Albuquerque, NM 87109-4395
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
VISTA DE ARENAL UNIT II SUBD. AT VENTATA RANCH
SIGNING & CONSTRUCTION
TRAFFIC CONTROL STANDARDS

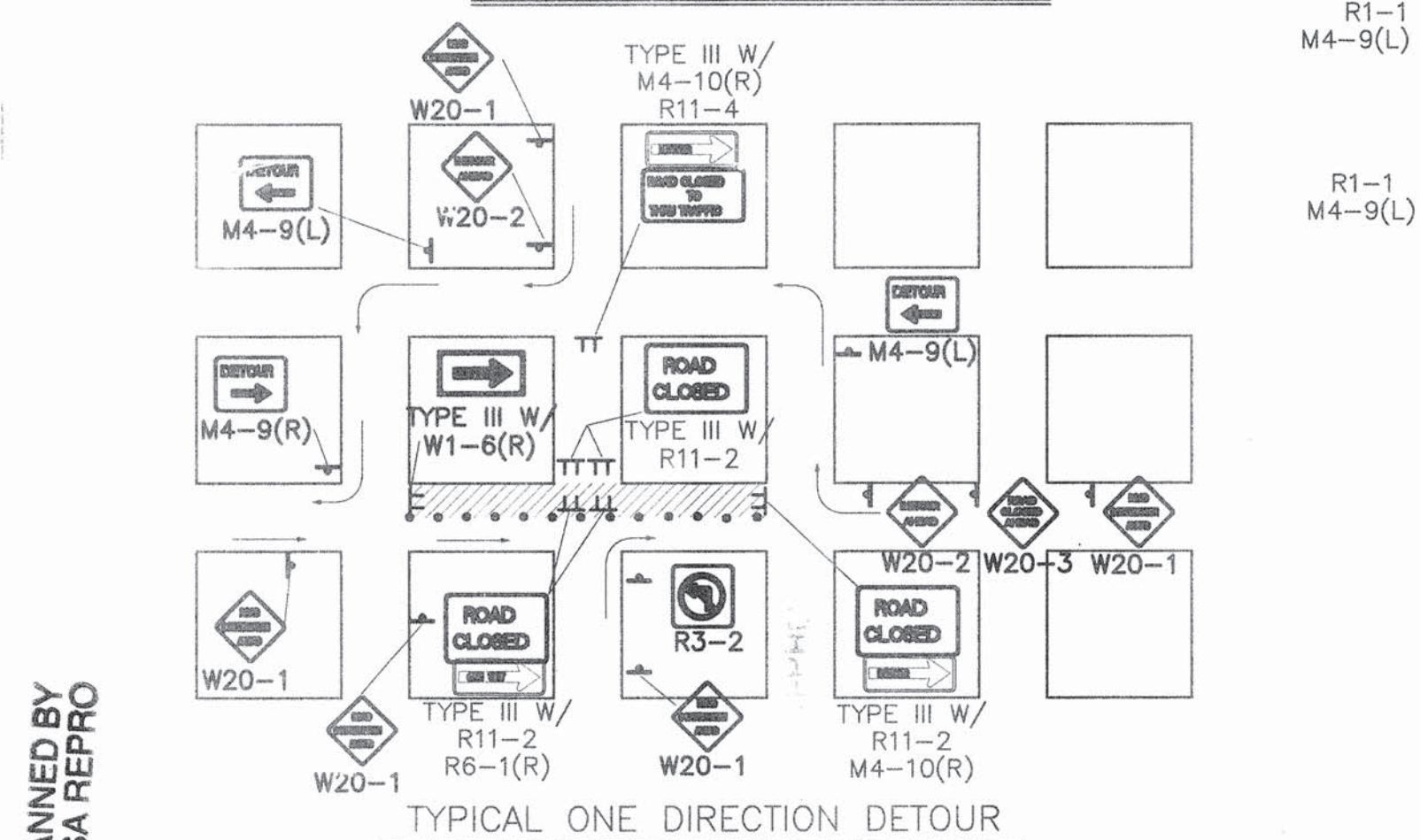
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 664382	Zone Map No. B-9	Sheet 13	Of 14



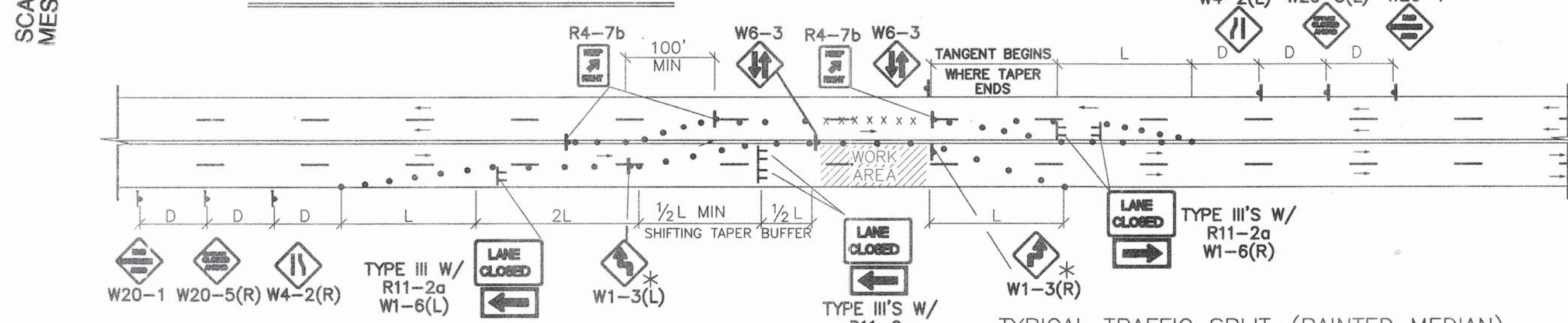
TYPICAL RIGHT LANE CLOSURE



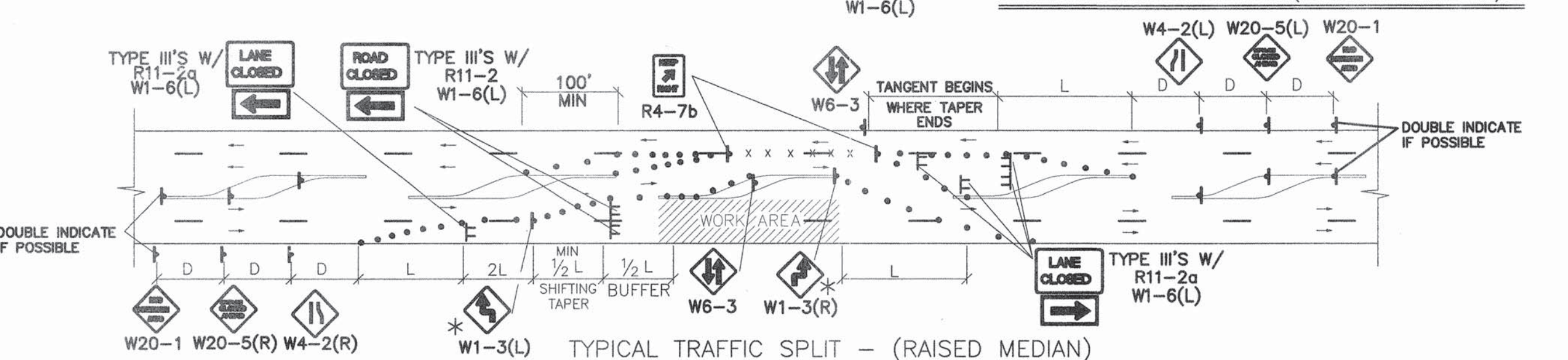
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



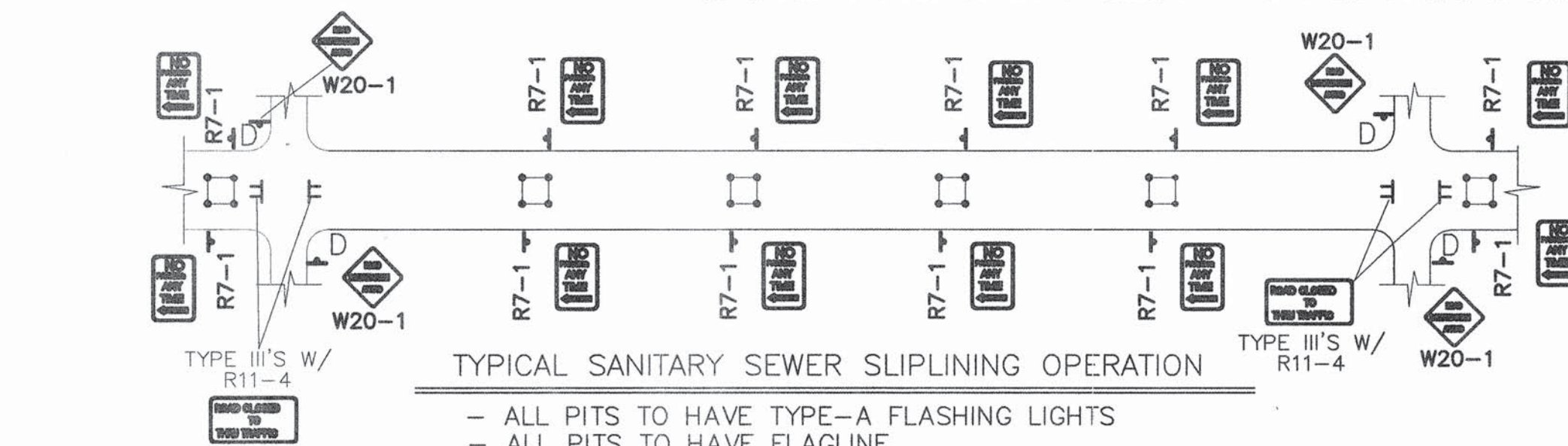
TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



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

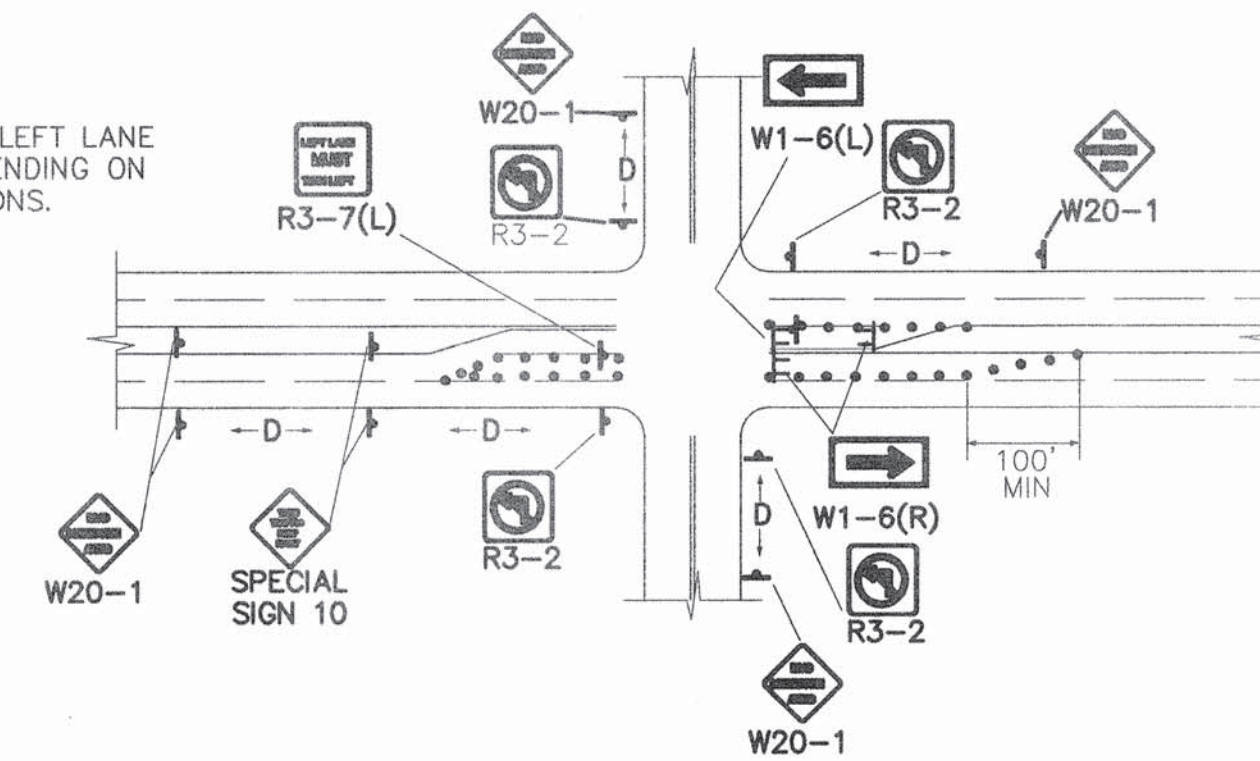
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

GENERAL NOTE:

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

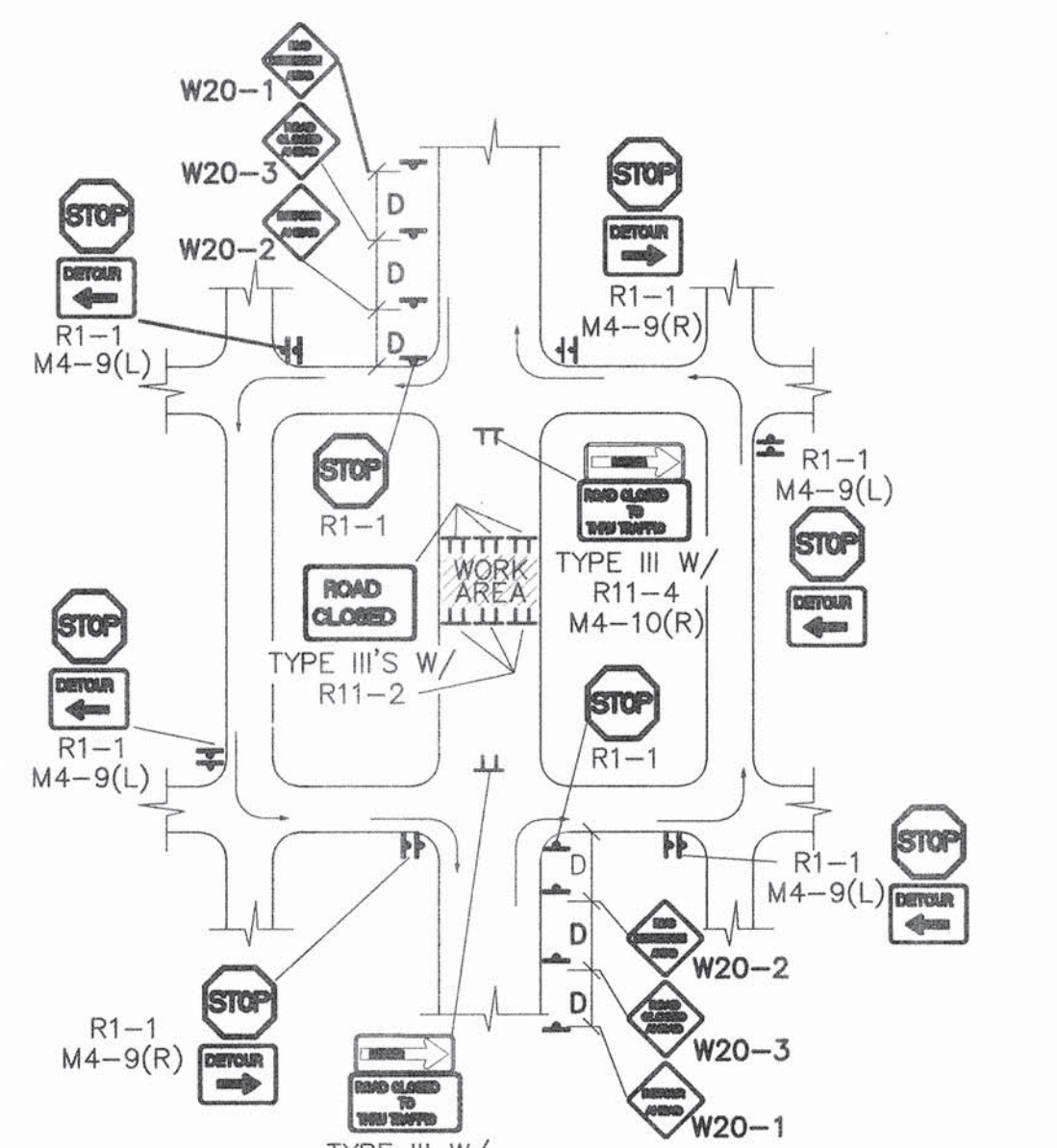
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

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



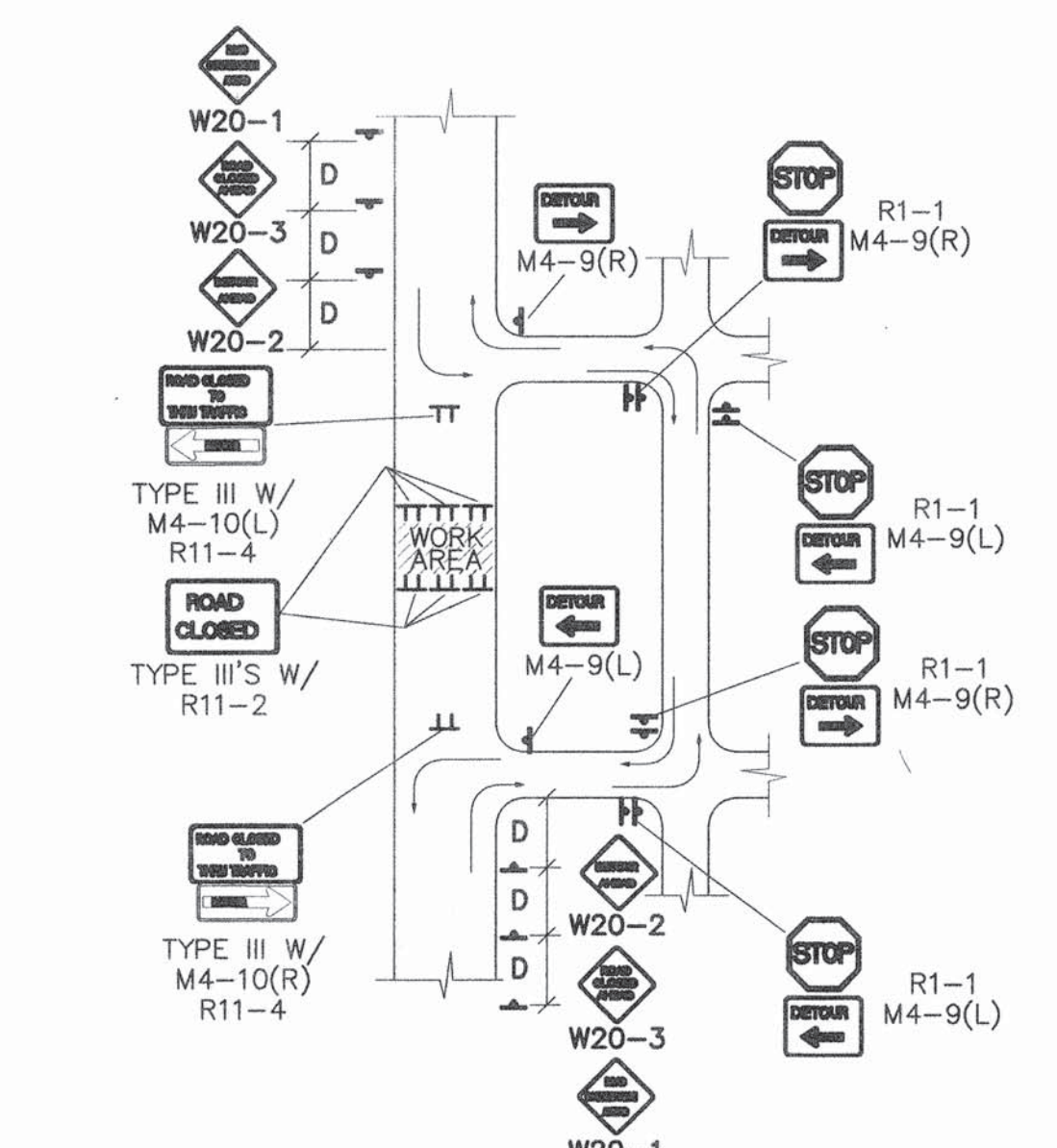
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



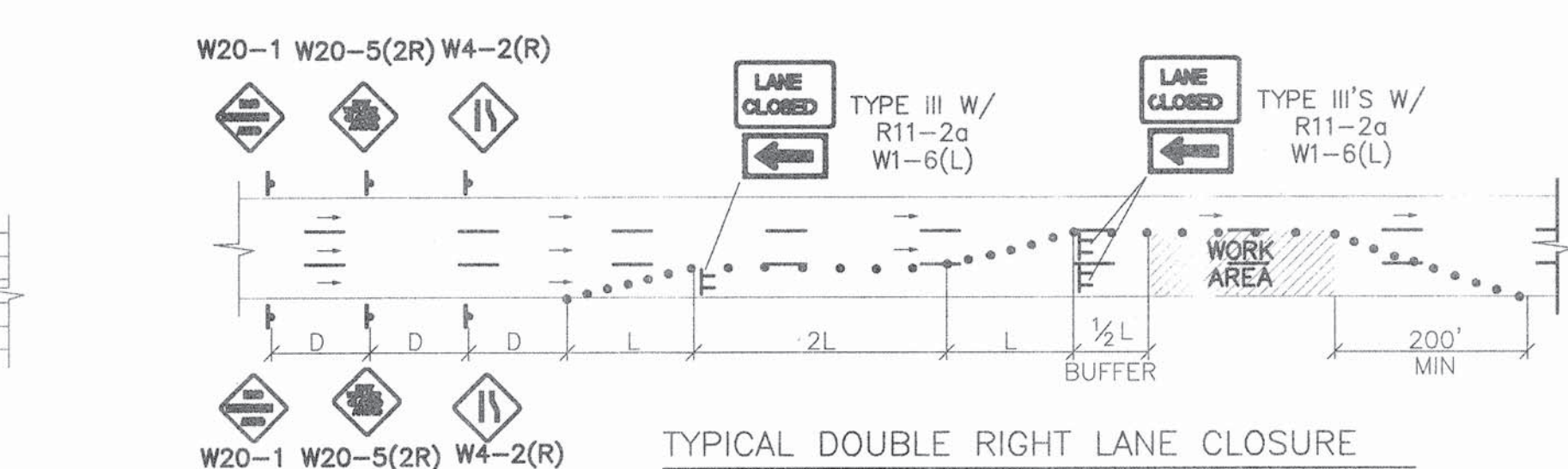
TYPICAL MID-BLOCK CLOSURE

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

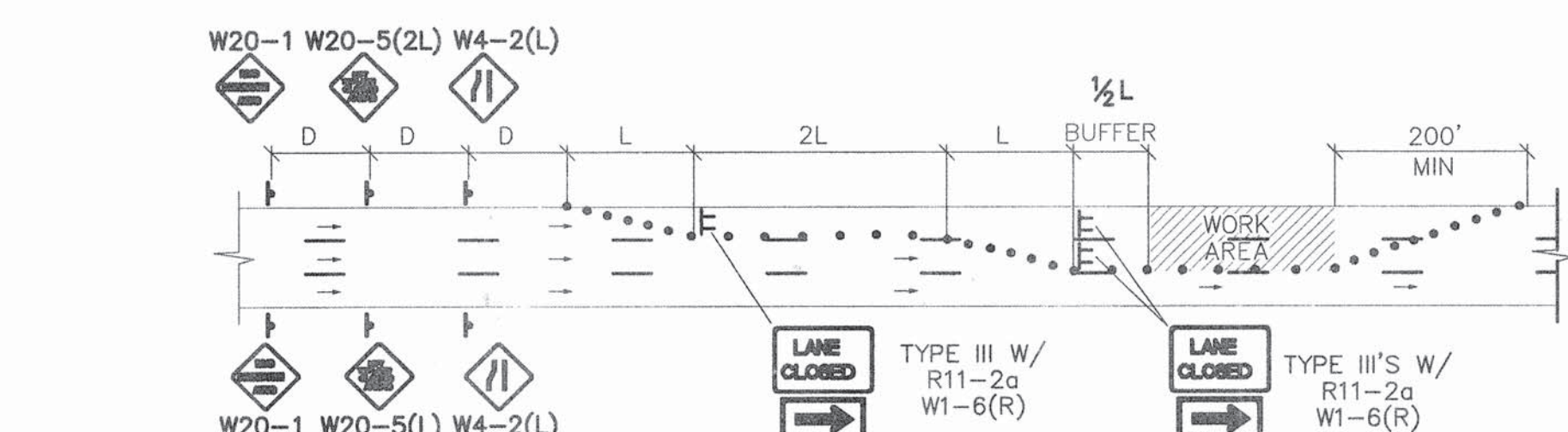


TYPICAL STREET CLOSURE

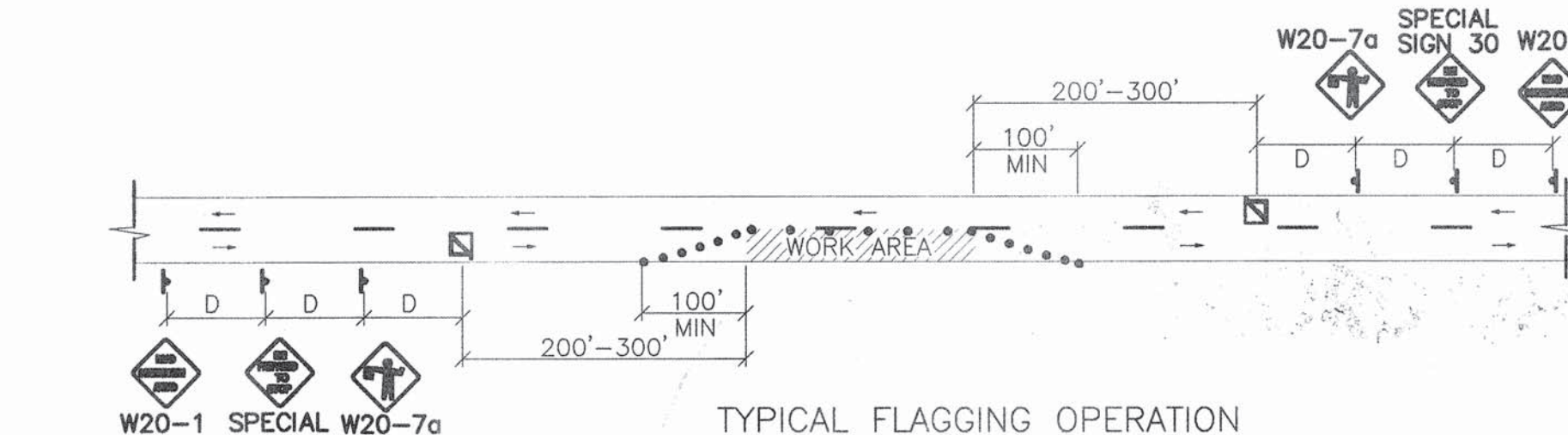
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



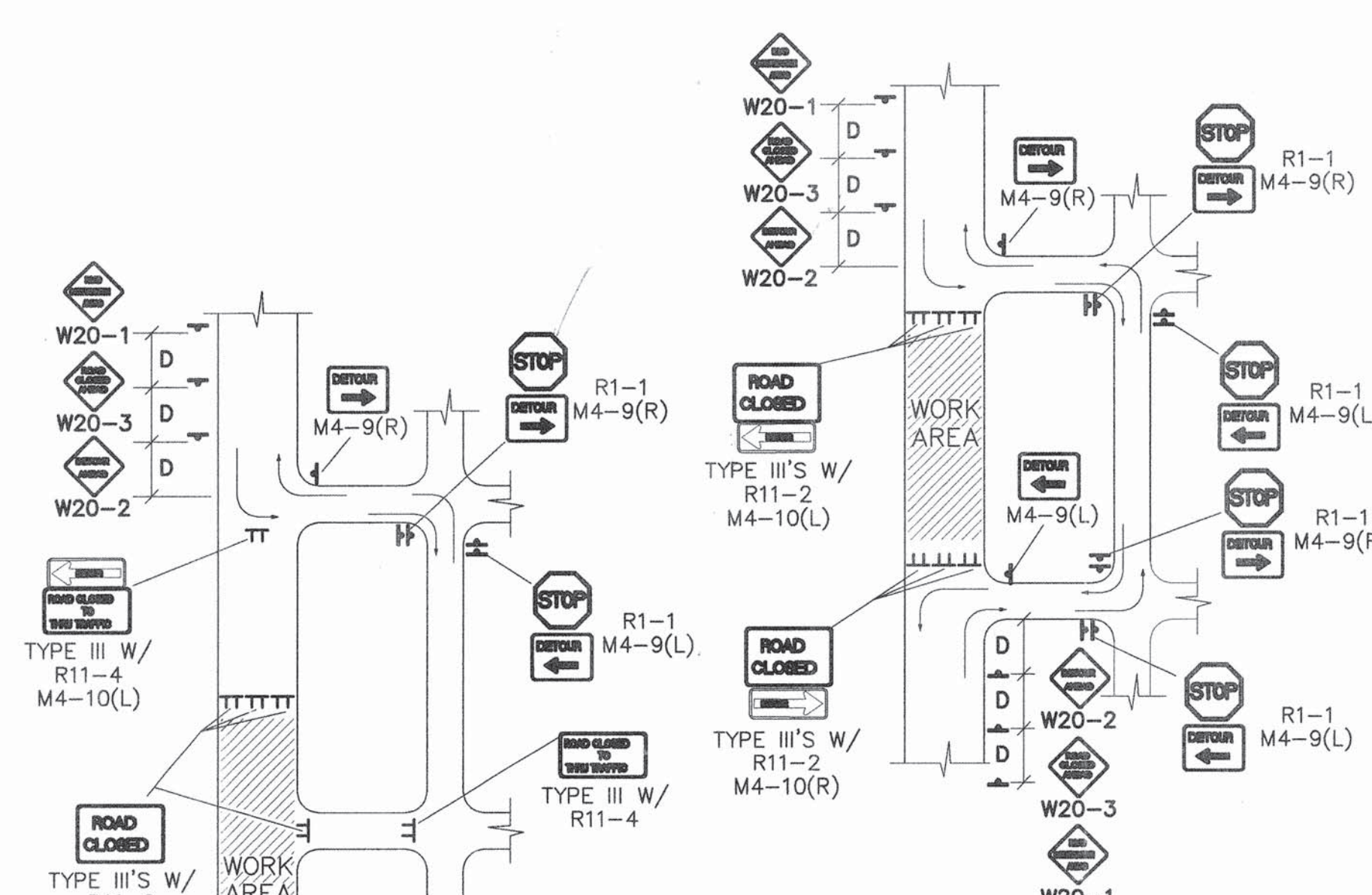
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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

Bohannon & Huston

Courtyard 1 7600 Jefferson St. NE Albuquerque, NM 87109-4395
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

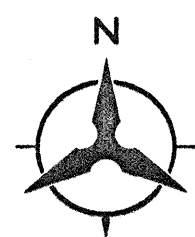
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

VISTA DE ARENAL UNIT II SUBD. AT VENTATA RANCH
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
664382	B-9	14	14

BHI JOB #040079 DATE: JULY,2003



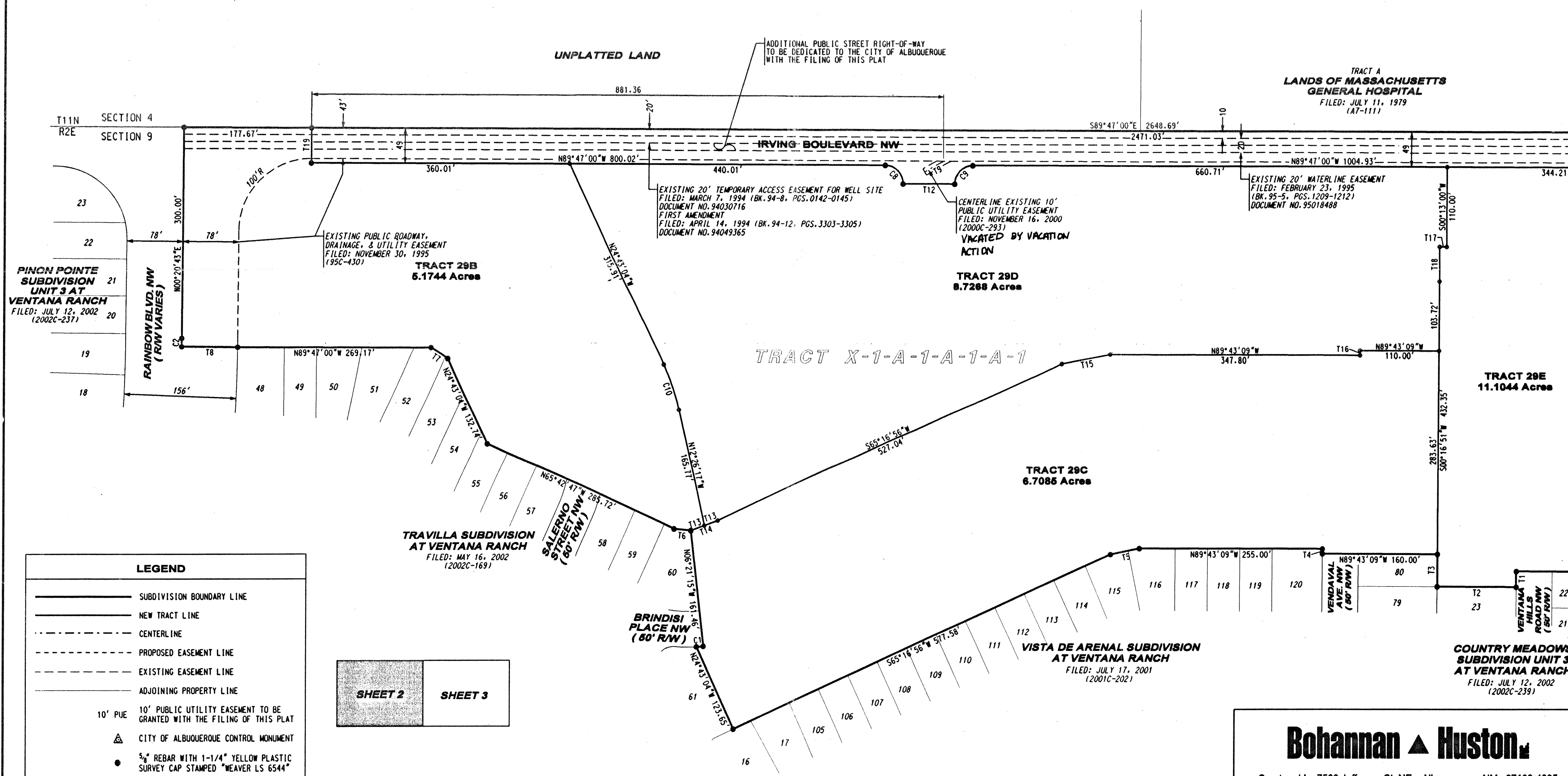
SCALE: 1" = 100'

ID	DELTA	TANGENT	ARC	RADIUS	CHORD	CHORD BRG
C1	02°39'42"	4.76'	9.52'	205.00'	9.52'	N84°58'36"E
C2	00°18'56"	6.20'	12.40'	2250.00'	12.40'	N00°30'11"E
C3	06°43'22"	64.32'	128.48'	1095.00'	128.41'	N03°38'32"E
C4	90°03'51"	100.11'	157.19'	100.00'	141.50'	N44°45'05"W
C5	10°35'54"	14.93'	29.78'	161.00'	29.74'	N84°29'03"W
C6	10°35'53"	26.53'	52.90'	286.00'	52.83'	N84°29'03"W
C7	89°56'09"	24.97'	39.24'	25.00'	35.34'	S45°14'55"W
C8	90°03'51"	25.03'	39.30'	25.00'	35.38'	N44°45'04"W
C9	89°56'09"	24.97'	39.24'	25.00'	35.34'	S45°14'56"W
C10	12°16'53"	33.89'	67.51'	314.96'	67.38'	S18°34'41"E

ID	BEARING	DISTANCE
T1	S00°16'51"W	21.67'
T2	N89°43'09"W	110.00'
T3	N00°16'51"E	45.00'
T4	N00°16'51"E	6.67'
T5	S78°26'51"W	41.08'
T6	N84°29'17"W	23.44'
T7	N56°09'06"W	28.21'
T8	N89°20'20"W	78.00'
T9	S60°56'21"W	29.93'
T10	N89°43'09"W	50.53'
T11	N89°47'00"W	37.00'
T12	N89°49'40"W	72.00'
T13	S70°34'43"W	19.94'
T14	S70°34'43"W	39.88'
T15	S79°18'30"W	68.34'
T16	S00°16'51"W	6.96'
T17	N89°47'00"W	9.79'
T18	S00°13'00"W	50.00'
T19	S00°13'00"W	49.00'



**BULK PLAT OF
TRACTS 29B, 29C, 29D & 29E
VENTANA RANCH**
(A REPLAT OF TRACT X-1-A-1-A-1-A-1
COUNTRY MEADOWS SUBDIVISION UNIT 3
AT VENTANA RANCH)
ALBUQUERQUE, NEW MEXICO
APRIL, 2003



LEGEND	
	SUBDIVISION BOUNDARY LINE
	NEW TRACT LINE
	CENTERLINE
	PROPOSED EASEMENT LINE
	EXISTING EASEMENT LINE
	ADJOINING PROPERTY LINE
10' PUE	10' PUBLIC UTILITY EASEMENT TO BE GRANTED WITH THE FILING OF THIS PLAT
	CITY OF ALBUQUERQUE CONTROL MONUMENT
	5/8" REBAR WITH 1-1/4" YELLOW PLASTIC SURVEY CAP STAMPED "WEAVER LS 6544"

SHEET 2 **SHEET 3**

Bohannon & Huston
 Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
 ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

2740

TANGENT DATA

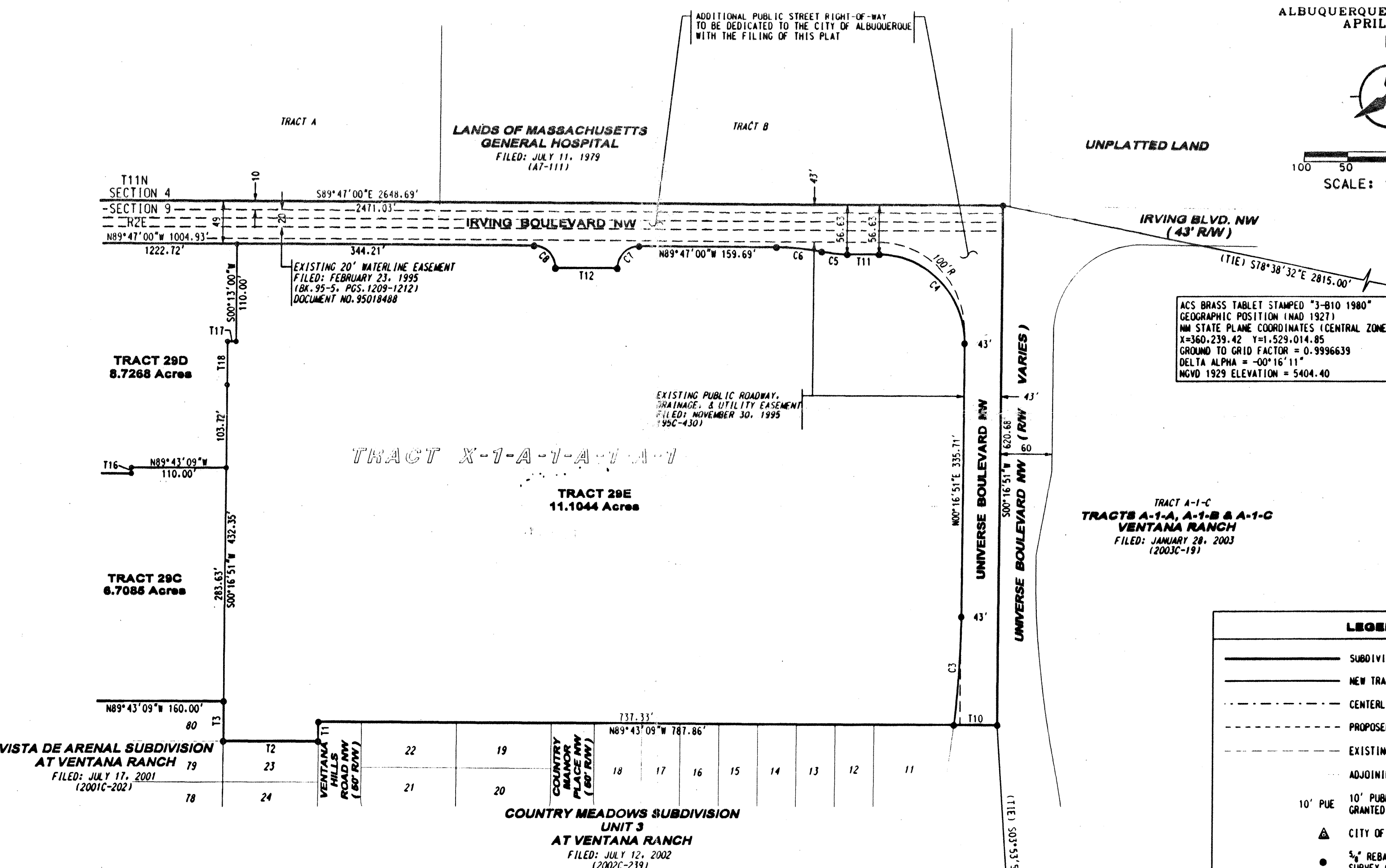
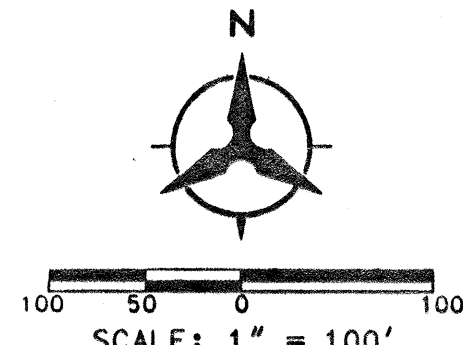
ID	BEARING	DISTANCE
T1	S00°16'51"W	21.67'
T2	N89°43'09"W	110.00'
T3	N00°16'51"E	45.00'
T4	N00°16'51"E	6.67'
T5	S78°26'51"W	41.08'
T6	N84°29'11"W	23.44'
T7	N56°09'06"W	28.21'
T8	N89°20'20"W	78.00'
T9	S60°56'21"W	29.93'
T10	N89°43'09"W	50.53'
T11	N89°47'00"W	37.00'
T12	N89°49'40"W	72.00'
T13	S70°34'43"W	19.94'
T14	S70°34'43"W	39.88'
T15	S79°18'30"W	68.34'
T16	S00°16'51"W	6.96'
T17	N89°47'00"W	9.79'
T18	S00°13'00"W	50.00'
T19	S00°13'00"W	49.00'

CURVE DATA

ID	DELTA	TANGENT	ARC	RADIUS	CHORD	CHORD BRG
C1	02°39'42"	4.76'	9.52'	205.00'	9.52'	N84°58'36"E
C2	00°18'56"	6.20'	12.40'	2250.00'	12.40'	N00°30'11"E
C3	06°43'22"	64.32'	128.64'	1095.00'	128.41'	N03°38'32"E
C4	90°03'51"	100.11'	157.19'	100.00'	141.50'	N44°45'05"W
C5	10°35'54"	14.93'	29.78'	161.00'	29.74'	N84°29'03"W
C6	10°35'53"	26.53'	52.90'	286.00'	52.83'	N84°29'03"W
C7	89°56'09"	24.97'	39.24'	25.00'	35.34'	S45°14'55"W
C8	90°03'51"	25.03'	39.30'	25.00'	35.38'	N44°45'04"W
C9	89°56'09"	24.97'	39.24'	25.00'	35.34'	S45°14'56"W
C10	12°16'53"	33.89'	67.51'	314.96'	67.38'	S18°34'41"E



**BULK PLAT OF
TRACTS 29B, 29C, 29D & 29E
VENTANA RANCH**
(A REPLAT OF TRACT X-1-A-1-A-1-A-1
COUNTRY MEADOWS SUBDIVISION UNIT 3
AT VENTANA RANCH)
ALBUQUERQUE, NEW MEXICO
APRIL, 2003



ACS BRASS TABLET STAMPED "3-B10 1980"
GEOGRAPHIC POSITION (NAD 1927)
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X=360,239.42 Y=1,529,014.85
GROUND TO GRID FACTOR = 0.9996639
DELTA ALPHA = -00°16'11"
NGVD 1929 ELEVATION = 5404.40

LEGEND	
	SUBDIVISION BOUNDARY LINE
	NEW TRACT LINE
	CENTERLINE
	PROPOSED EASEMENT LINE
	EXISTING EASEMENT LINE
	ADJOINING PROPERTY LINE
	10' PUE 10' PUBLIC UTILITY EASEMENT TO BE GRANTED WITH THE FILING OF THIS PLAT
	CITY OF ALBUQUERQUE CONTROL MONUMENT
	3/4" REBAR WITH 1-1/4" YELLOW PLASTIC SURVEY CAP STAMPED "HAEVER LS 6544"

ACS BRASS TABLET STAMPED "2-B10 1980"
GEOGRAPHIC POSITION (NAD 1927)
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X=357,543.73 Y=1,527,976.48
GROUND TO GRID FACTOR = 0.99966354
DELTA ALPHA = -00°16'30"
NGVD 1929 ELEVATION = 5429.35

Bohannon & Huston
Court yard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES