



CITY OF ALBUQUERQUE

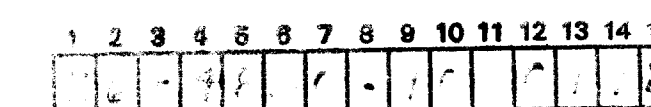
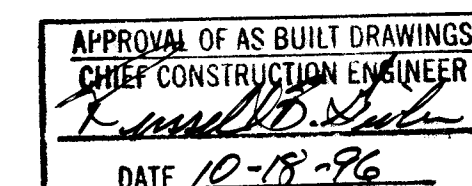
CONSTRUCTION PLANS FOR

WESTERN SKIES DRIVE DRAINAGE IMPROVEMENTS AND SANITARY SEWER REPLACEMENT

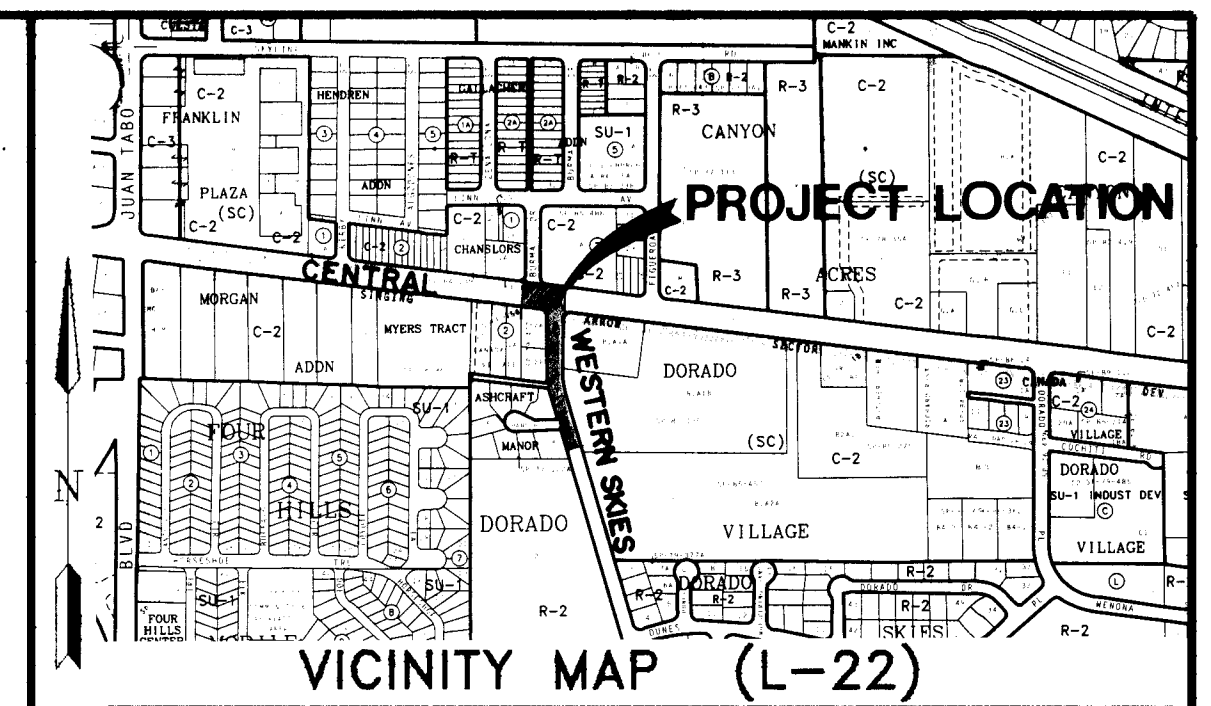
DECEMBER 1995

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RECORD DRAWING
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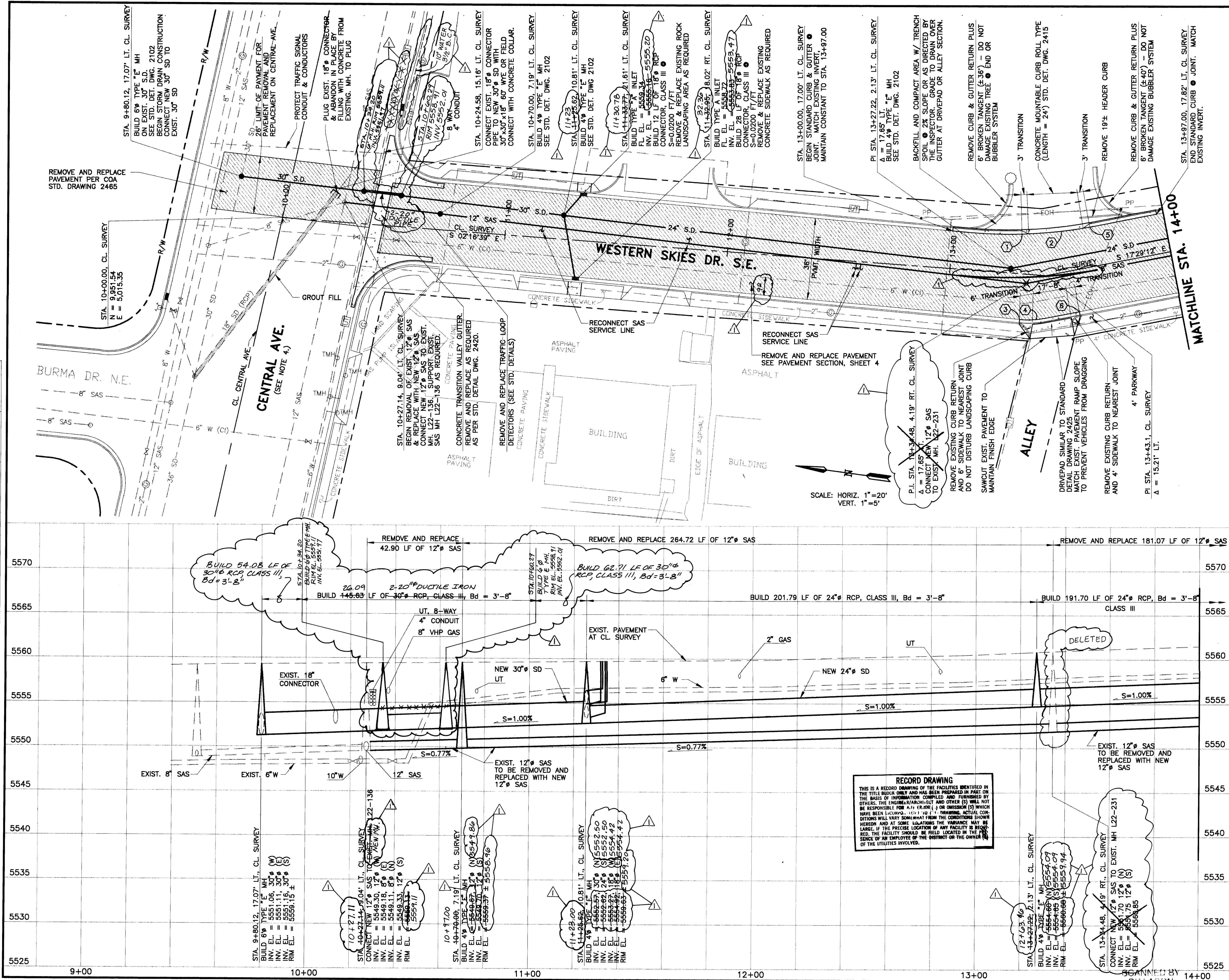


NOT TO SCALE
GENERAL NOTES

- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, INC., 260-1990. FOR LOCATION OF EXISTING UTILITIES.
- 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 AS AMENDED THROUGH UPDATE #6. REFERENCED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING VALVE BOXES, SIDEWALKS, ELECTRIC CONDUIT, MANHOLES, AND CURB & GUTTER DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT CONTRACTOR'S EXPENSE.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES HAS BEEN DETERMINED BY INFORMATION PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITY LINES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES RESULTING FROM FAILURE TO LOCATE ANY AND ALL UTILITIES.
- QUANTITIES SHOWN FOR THE VARIOUS BID ITEMS ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION APPROVED BY THE PROJECT ENGINEER. ALL SALVAGED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL SUPPORT AND MAINTAIN OPERATIONAL ALL UTILITIES EXPOSED DURING TRENCHING AND OTHER CONSTRUCTION OPERATIONS. ALL CONSTRUCTION ACTIVITIES INVOLVING GAS, POWER, WATER, FIBER OPTIC, AND/OR OTHER UTILITY LINES SHALL BE COORDINATED WITH THE OWNER OF THE UTILITY PRIOR TO ANY DISTURBANCE. NO UTILITY SERVICE SHALL BE DISRUPTED WITHOUT FIRST NOTIFYING ALL AFFECTED PARTIES 48 HOURS IN ADVANCE.
- EXISTING SANITARY SEWER MANHOLES WITH LIGHT-WEIGHT, VENTED, MULTIHOLED MANHOLE COVERS SHALL BE UPGRADED PER STANDARD SPECIFICATION SECTION 920 WHEN ENCOUNTERED IN THE CONSTRUCTION AREA. THIS WORK INCLUDES REPLACING THE EXISTING MANHOLE FRAME AND COVER, PLACING A CONCRETE PAD AROUND THE EXISTING MANHOLE, AND REPLACING ADJOINING ASPHALT PAVEMENT.
- ALL WATER VALVE BOXES AND SEWER MANHOLES WITHIN THE NEW PAVEMENT ARE TO BE ADJUSTED TO FINISH GRADE PER COA STANDARD DETAILS.
- STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. REPLACE PAVEMENT TO MATCH EXISTING.
- THREE (3) 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 CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- WHERE STORM DRAIN IMPROVEMENTS ARE SHOWN ALONG WITH SANITARY SEWER REPLACEMENT, THE ENTIRE STREET WIDTH PAVEMENT SHALL BE REMOVED AND REPLACED PER PAVEMENT SECTION SHOWN ON PLANS.



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		Billy G. Anderson		12-26-95	
		Transportation		[Signature]		12-13-95	
		Water/Wastewater		[Signature]		12-27-95	
		Hydrology		[Signature]		12-16-95	
		Parks		[Signature]		[Signature]	
Constr. Mngmt.							
City Project No.				Sheet Of			
PROJECT NO. : 4830.90				SHEET 1 of 6			



GENERAL NOTES:

- NO HYDROLOGY WAS PERFORMED FOR THIS DESIGN. THEREFORE THE STORM DRAIN CAPACITY AND HYDRAULIC GRADELINE HAVE BEEN OMITTED. EXISTING DOWNSIDE SYSTEM IN CENTRAL AVE. IS LIMITED. NUMBER OF CATCH BASINS AND PIPE SIZES AS DIRECTED BY THE CITY.
- PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT SECTION, SHEET 4.
- CONTRACTOR SHALL BYPASS FLOW MH TO MH, REMOVING EXISTING 12" SAS, & REPLACING WITH NEW 12" SAS AT SAME GRADE. SANITARY SEWER SERVICE RECONNECTIONS SHALL BE PER STD. SPEC. SECTION 905.
- WORK IN CENTRAL AVENUE SHALL BE PHASED. SEE SPECIAL PROVISIONS IN SPECIFICATIONS.
- A CCTV INSPECTION WAS PERFORMED IN MARCH 1995 FOR THE SEGMENT OF 12" SAS FROM MANHOLE 122-136 TO MANHOLE 122-231. NO CCTV INSPECTION WAS PERFORMED ON THE 12" SAS BETWEEN MANHOLE 122-231 AND MANHOLE 122-333. CONTRACTOR SHALL VERIFY AND RECONNECT ALL THE SAS SERVICE LINES ON THE 12" SAS SCHEDULED TO BE REPLACED.
- STATIONING FOR SAS & SD REFER TO CENTERLINE SURVEY STATIONING, NOT PIPE STATIONING. PROFILE BUILD LENGTHS ARE ACTUAL PIPE LENGTHS.
- REPLACE WESTERN SKIES STRIPING TO MATCH EXISTING: SOLID DOUBLE YELLOW 20' SOUTH OF INTERSECTION; SOLID SINGLE WHITE NORTHBOUND RIGHT TURN 100'; AND CROSSWALK ON WESTERN SKIES DRIVE.

KEYED NOTES:

- STA. 13+31.00, 17.89' LT. CL. SURVEY END STANDARD CURB & GUTTER. BEGIN 3' TRANSITION TO MOUNTABLE CURB ROLL TYPE, COA STD. DET. 2415.
- CURVE DATA @ EDGE OF PAVEMENT
A 16'14'16"
D 28'38'52"
R 200.00'
T 28.53'
L 56.68'
- STA. 13+32.98, 20.64' RT. CL. SURVEY BEGIN TRANSITION TO CONCRETE DRIVEPAD SIMILAR TO STD. DET. 2425.
- CURVE DATA @ EDGE OF PAVEMENT
A 16'35'03"
D 14'14'22"
R 40.00'
T 5.83'
L 11.58'
- STA. 13+66.58, 17.78' LT. CL. SURVEY END 3' TRANSITION FROM MOUNTABLE CURB ROLL TYPE. BEGIN STANDARD CURB & GUTTER.
- STA. 13+54.87, 18.91' RT. CL. SURVEY END TRANSITION TO CONCRETE DRIVEPAD SIMILAR TO STD. DET. 2425.

LEGEND

- PAVEMENT REMOVAL AND REPLACEMENT
- NEW SIDEWALK

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

**TITLE: WESTERN SKIES PLAN & PROFILE
STA. 9+80.12 TO STA. 14+00**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	8430.90	MAP NO.	L-22	SHEET	2	OF	6
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AS BUILT INFORMATION

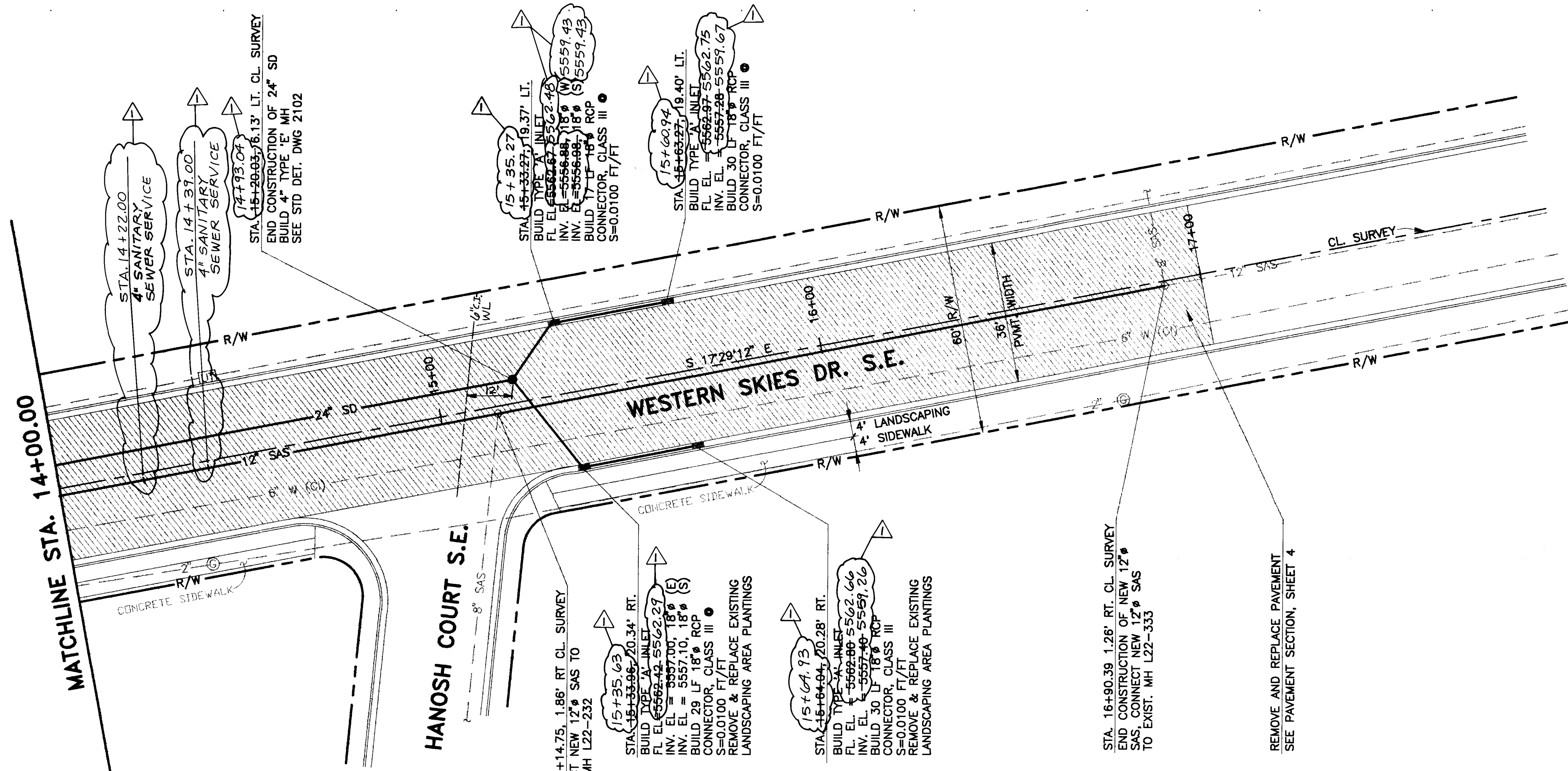
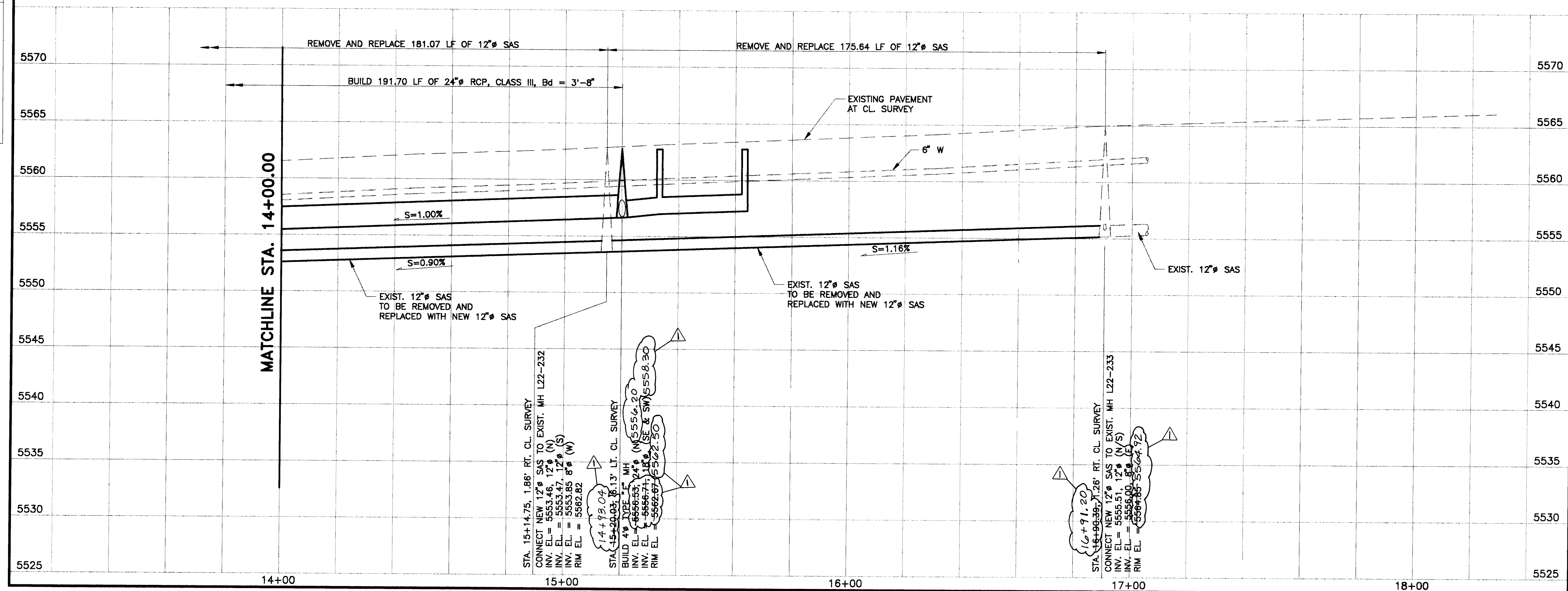
CONTRACTOR	
WORK STATIONED BY	
ACCEPTANCE BY	
FIELD CHECK BY	
DRAWINGS	
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

ENGINEERS SEAL

12/15/95

AS CONSTRUCTED	REMARKS	DATE
NO.		

DESIGNED BY	KWW	DATE	9-95
DRAWN BY	MWW	DATE	9-95
CHECKED BY	KWW	DATE	9-95



SCALE: HORIZ. 1"=20'
VERT. 1"=5'

GENERAL NOTES:

1. NO HYDROLOGY WAS PERFORMED FOR THIS DESIGN, THEREFORE THE STORM DRAIN CAPACITY AND HYDRAULIC GRADELINE HAVE BEEN OMITTED. EXISTING DOWNSTEAM SYSTEM IN CENTRAL AVE. IS LIMITED, NUMBER OF CATCH BASINS AND PIPE SIZES AS DIRECTED BY THE CITY.
2. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT SECTION, SHEET 4.
3. CONTRACTOR SHALL BY PASS FLOW MH TO MH, REMOVE EXIST. 12" Ø SAS, AND REPLACE WITH NEW 12" Ø SAS AT SAME GRADE. SANITARY SEWER SERVICE RECONNECTIONS SHALL BE PER STD. SPEC. SEC. 905.
4. A CCTV INSPECTION WAS PERFORMED IN MARCH 1993 FOR THE SEGMENT OF 12" SAS FROM MANHOLE L22-136 TO MANHOLE L22-231. NO CCTV INSPECTION WAS PERFORMED ON THE 12" SAS BETWEEN MANHOLE L22-231 AND MANHOLE L22-333. CONTRACTOR SHALL VERIFY AND RECONNECT ALL THE SAS SERVICE LINES ON THE 12" SAS SCHEDULED TO BE REPLACED.
5. STATIONING FOR SAS & SD REFER TO CENTERLINE SURVEY STATIONING, NOT PIPE STATIONING. PROFILE BUILD LENGTHS ARE ACTUAL PIPE LENGTHS.

ENGINEERS SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		HORIZONTAL & VERTICAL CONTROL STATION (4-L22) IS A 3 1/4" ALUMINUM CAP SET FLUSH IN THE CURB AND IS STAMPED, "4-L22, 1986". STATION IS LOCATED ON THE SOUTHWEST CORNER OF CENTRAL AVE. & WHISPERING SANDS ACCESS RD., APPROX. 800' EAST OF THE INTERSECTION OF CENTRAL AVE. & WESTERN SKIES DR. (ELEV. 5583.83)		CONTRACTOR STAKED BY INSPECTOR'S FIELD NAME BY VERIFICATION BY CORRECTED BY	
				NO.	DATE				
△	01/19/96	AS CONSTRUCTED							
REVISIONS									
DESIGN									
DESIGNED BY		KWM	DATE	9-95					
DRAWN BY		KWM	DATE	9-95					
CHECKED BY		KWM	DATE	9-95					
MICRO-FILM INFORMATION									
RECORDED BY					DATE				
NO.									

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

**TITLE: WESTERN SKIES DRIVE PLAN & PROFILE
STA. 14+00 TO STA. 16+90.39**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	
DRC CHAIRMAN	B. G. B.	95	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	4830.90	MAP NO.	L-22	SHEET	3	OF	
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WESTERN SKIES DRIVE CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES:

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GENERAL NOTES:

- CONSTRUCTION NOTES:

- ## WESTERN SKIES DRIVE

LEGEND



CONSTRUCTION AREA

—

TYPE III BARRICADE

CONSTRUCTION WARNING SIGN

GENERAL NOTES:

1. ACCESS FOR APARTMENT RESIDENTS ON WESTERN SKIES DR. SHALL BE TO THE SOUTH VIA SINGING ARROW AVE.
2. CENTRAL AVENUE PAVEMENT REPLACEMENT SHALL MATCH EXISTING SECTION PLUS 2" AC PAVEMENT. SEE COA STD. DWG. 2465.

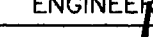
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: MISCELLANEOUS DETAILS & TRAFFIC
CONTROL PLAN - WESTERN SKIES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	 		WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO.	4830.90		MAP NO.	L-22	
			SHEET 4 OF 6		

SCANNED @
BY LASON

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (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. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 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 TRAVELLED 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 OCCUPANCY 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.

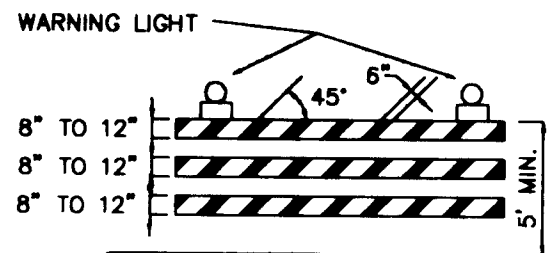
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC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

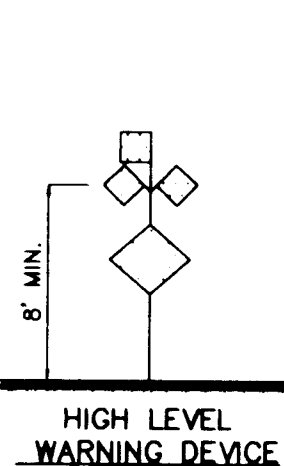
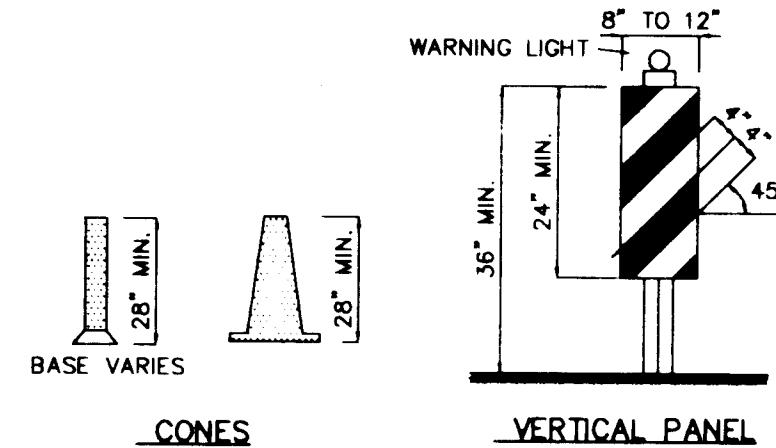
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

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

PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



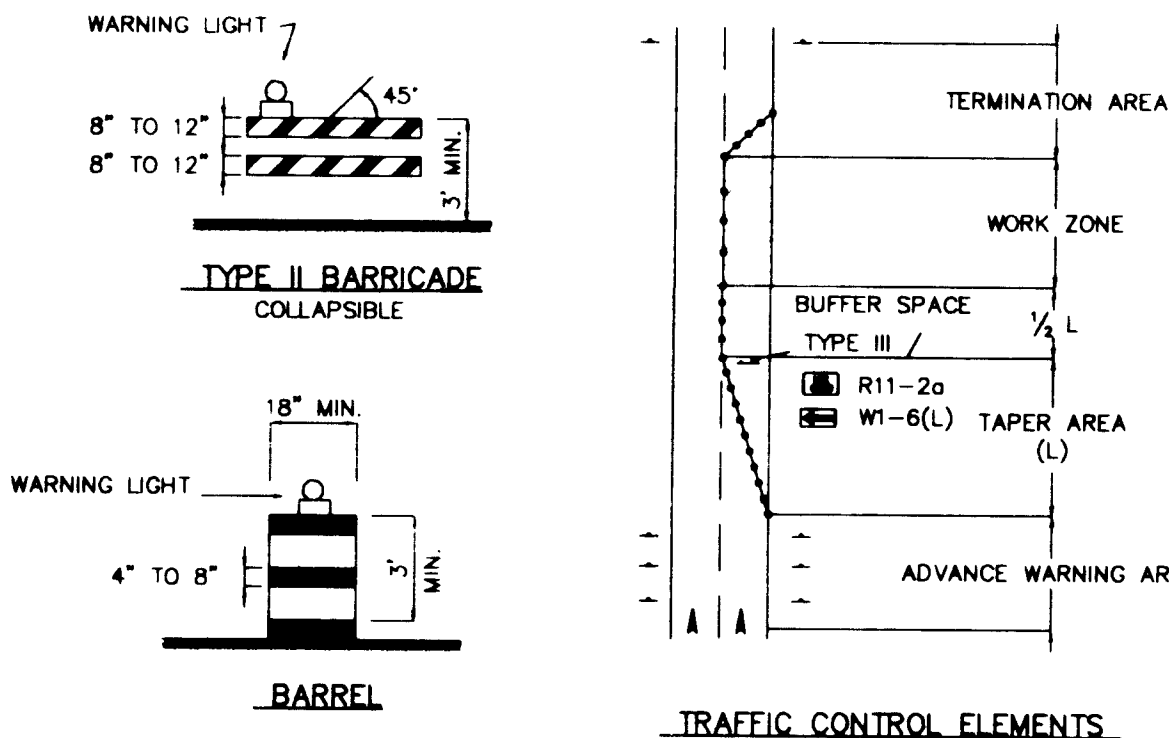
TYPE III BARRICADE



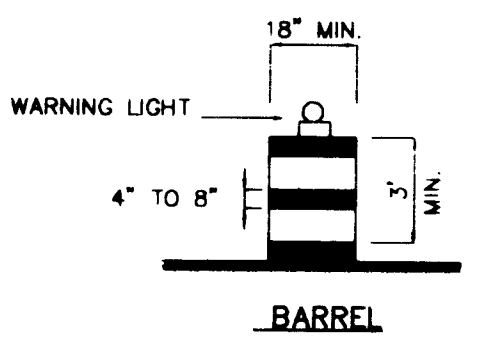
LEGEND

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

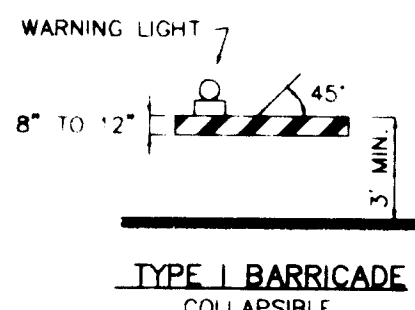
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.



TYPE II BARRICADE



BARREL



TYPE I BARRICADE

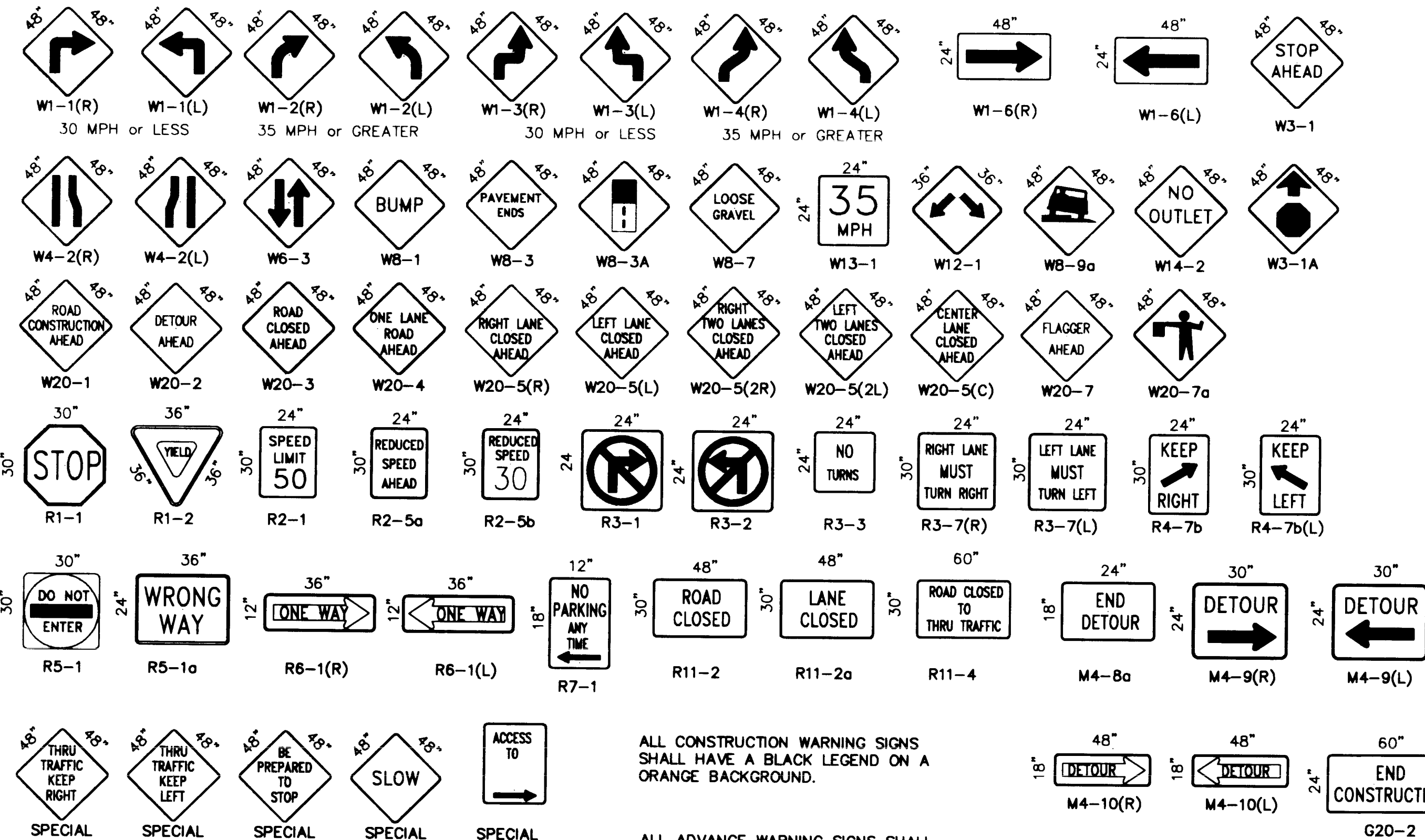
TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (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 FOR ADVANCE WARNING SIGN SERIES

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

SIGN FACE DETAILS



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	$L = \frac{WS^2}{60}$
45 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

26-48301.9010597

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **WESTERN SKIES**
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. **4830.90** MAP NO. **L-22** SHEET **5** OF **6**

