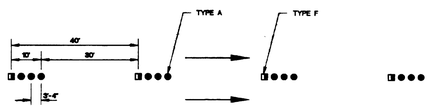
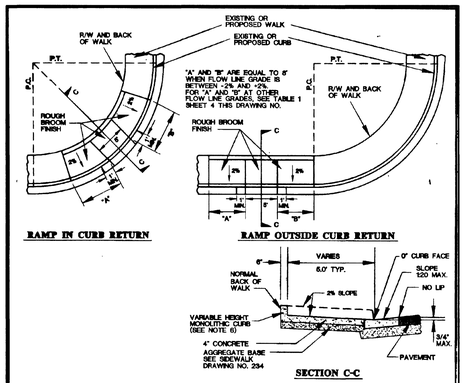


TYPE 4 LANE LINE

(DIVIDED, UNDIVIDED OR ONE-WAY ROADWAY)

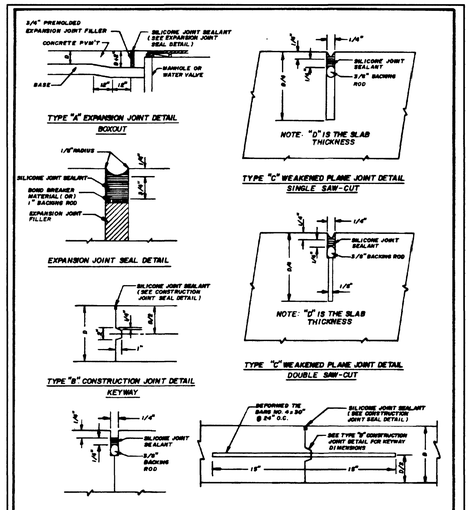
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
633	PAVEMENT MARKERS	TYPICAL LANE LINE DELINEATION
		DATE 4-8-99 | DWG. NO. 244A | PAGE NO. 50A



NOTES:

1. SIDEWALK RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN UNLESS OTHERWISE APPROVED.
2. SIDEWALK RAMPS OUTSIDE OF THE CURB RETURN SHALL BE LOCATED ADJACENT TO THE RETURN UNLESS OTHERWISE APPROVED.
3. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. WHEN CONSTRUCTING RAMP WHERE CURB & GUTTER EXISTS, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER.
5. DETECTABLE WARNING CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN, A HEIGHT OF NOMINAL 0.2 IN AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN AND CONTRASTING VISUALLY WITH ADJOINING SURFACES MAY BE PLACED ON RAMP EXTENDING THE FULL WIDTH AND DEPTH OF THE RAMP.
6. CURB MAY BE PLACED AND IS PREFERRED BEHIND BACK OF WALK IF SUFFICIENT RIGHT-OF-WAY OR EASEMENTS EXIST AND AS APPROVED BY THE ENGINEER.

SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
302	AGGREGATE BASE	SIDEWALK RAMP CASE I
501	CONCRETE	
502	CONCRETE STRUCTURES	
		DATE 12-14-00 | DWG. NO. 235 (1 OF 4) | PAGE 41



SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
409	CONCRETE PAVEMENT	CONCRETE PAVEMENT JOINT DETAILS
707	JOINT MATERIAL	
TT-S-00153A CLASS A SEALANT		
		DATE | DWG NO 233 | PAGE NO. 39

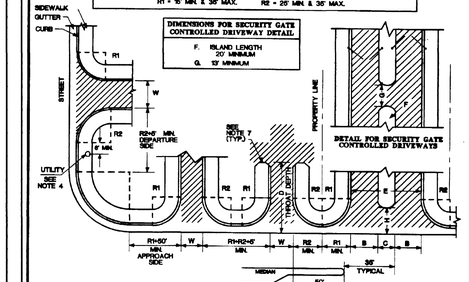
DIMENSIONS

W.	12' MINIMUM FOR ONE-WAY DRIVEWAYS 24' MINIMUM FOR TWO-WAY DRIVEWAYS 40' MAXIMUM	D.	THROAT DEPTH 20' MINIMUM 30' MINIMUM FOR PARKING LOTS OF > 50 CARS/DRIVE 65' MINIMUM FOR PARKING LOTS OF > 150 CARS/DRIVE 100' MINIMUM FOR PARKING LOTS OF > 300 CARS/DRIVE
B.	20' MINIMUM & 25' MAXIMUM		
C.	7' MINIMUM FACE TO FACE		
E.	50' MINIMUM		
H.	5' MINIMUM & 15' MAXIMUM		

R1 = 15' MIN. & 35' MAX. R2 = 25' MIN. & 35' MAX.

DIMENSIONS FOR SECURITY GATE CONTROLLED DRIVEWAY DETAIL

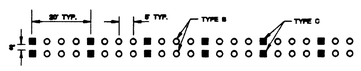
F. ISLAND LENGTH 20' MINIMUM
G. 15' MINIMUM



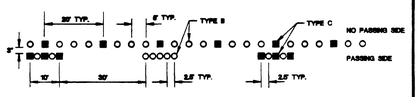
NOTES:

1. COMMERCIAL AND MULTI-FAMILY DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING NUMBERS 224, 225, 228 & 233.
2. LOCAL ORDINANCES MAY APPLY AND SHALL HAVE PREFERENCE.
3. THE TOTAL WIDTH "W" OF DRIVEWAY CURB OPENINGS SHALL NOT EXCEED 60% OF FRONT FOOTAGE.
4. NO DRIVEWAY SHALL BE LOCATED WITHIN 5 FEET OF A LIGHT POLE (UNLESS APPROVED BY THE ENTITY TRAFFIC ENGINEER), FIRE HYDRANT, MAIL BOX, ABOVE-GROUND ELECTRICAL TRANSFER BOX, OR BLOCK WALL HIGHER THAN 2 FEET.
5. THE CENTERLINES OF DRIVEWAYS ON OPPOSITE SIDES OF THE STREET AT A MEDIAN OPENING SHOULD BE ±10' FROM EACH OTHER. WHEN A PROPERTY LINE FALLS IN A MEDIAN OPENING A JOINT DRIVEWAY AGREEMENT SHALL BE REQUIRED OR NO DRIVEWAY WILL BE ALLOWED.
6. GEOMETRICS APPLY TO NEW CONSTRUCTION ONLY, AND MAY VARY IN EXISTING DEVELOPMENTS SUBJECT TO APPROVAL OF THE ENGINEER.
7. HANDICAPPED ACCESSIBLE SIDEWALKS SHALL BE PROVIDED ADJACENT TO DRIVEWAYS TO THE P.C. OF THE CURB RETURN, MINIMUM.

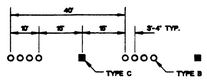
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
		COMMERCIAL AND MULTI-FAMILY DRIVEWAY GEOMETRICS
		DATE 8-12-99 | DWG. NO. 222A | PAGE NO. 28A



TYPE 1 CENTERLINE

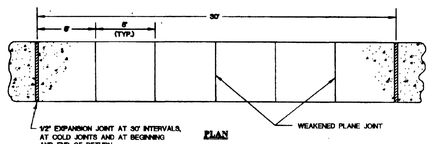


TYPE 2 CENTERLINE



TYPE 3 CENTERLINE

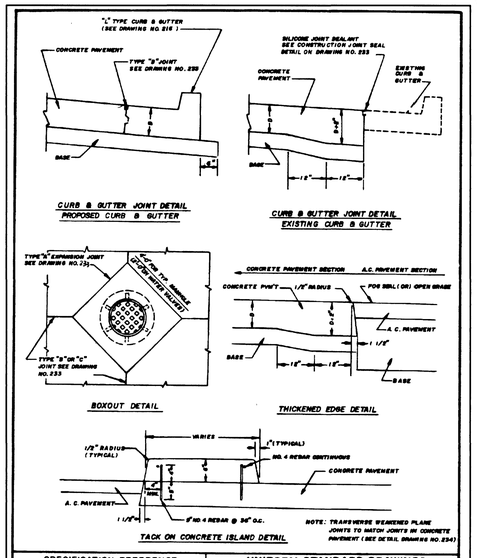
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
633	PAVEMENT MARKERS	TYPICAL CENTERLINE DELINEATION
		DATE 5-11-93 | DWG. NO. 244 | PAGE NO. 50



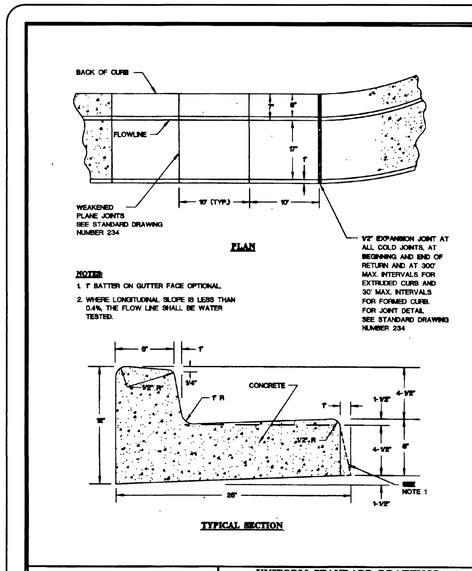
NOTES:

1. ON ALL CURB RETURNS A 1/2" EXPANSION JOINT SHALL BE CONSTRUCTED BETWEEN THE BACK OF CURB AND THE SIDEWALK FOR THE ENTIRE LENGTH OF THE RETURN.
2. THE TYPE II AGGREGATE BASE THICKNESS IS SHOWN ON THE TYPICAL SECTION DRAWINGS 202 - 207.
3. LONGITUDINAL WEAKENED PLANE JOINT REQUIRED AT MIDPOINT OF SIDEWALK 10' OR WIDER.

SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
302	AGGREGATE BASE	SIDEWALK
501	CONCRETE	
502	CONCRETE STRUCTURES	
707	JOINT MATERIAL	
		DATE 12-14-00 | DWG. NO. 234 | PAGE NO. 40



SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
409	CONCRETE PAVEMENT	CONCRETE PAVEMENT CONSTRUCTION DETAILS
501	CONCRETE	
505	REINFORCING STEEL	
TT-S-00153A CLASS A SEALANT		
		DATE | DWG NO. 232 | PAGE NO. 38



SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
501	CONCRETE	"L" TYPE CURB AND GUTTER
502	CONCRETE STRUCTURES	
707	JOINT MATERIAL	
		DATE 12-14-00 | DWG. NO. 216 | PAGE NO. 22

REV	DESCRIPTION	BY	DATE	AGEN. APP.	DATE

PROJ NO: AZ01002
DESIGN: RAC/LG
DATE: 09/26/01
SCALE: AS SHOWN
FILE: FS44_14

PROFESSIONAL ENGINEER - STATE OF NEVADA
ALLEN E. PAVELKA
No. 9029
STAMP DATE: 9-26-01

AZTEC ENGINEERING
3320 N Buffalo Dr. # 106, Las Vegas, NV 89129
Tel (702) 396-3426 Fax (702) 396-3758
Email: aztec@azteceng.com

CITY OF LAS VEGAS
FIRE STATION NO. 44

CONSTRUCTION DETAILS IV

SHEET
C-14
14 OF 20 SHEETS

CLV DRAWING NO.
630.97

34839

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