

GEOMETRIC DESIGN STANDARDS FOR RESIDENTIAL SUBDIVISION STREETS (GS- SSR)
TABLE 3 – ONE-LANE (ONE-WAY) SUBDIVISION STREETS

TRAFFIC	PROJECTED TRAFFIC VOLUME (ADT)	DESIGN SPEED (MPH) (NOT POSTED SPEED)	HORIZONTAL AND VERTICAL CONTROLS Maximum 2:1 cut or fill slope				ROADWAY SECTION CRITERIA						
			MINIMUM CURVE RADIUS (WITHOUT SUPERELEV.)	MAXIMUM % GRADE	MINIMUM SIGHT DISTANCE		SHOULDER AND DITCH ROADWAYS Minimum ditch width (front slope) should be 4 feet or greater, based on slopes of 3:1 (Gentler slopes promote homeowner maintenance of ditches) *Width includes 3' for G.R. installation.				CURB AND GUTTER ROADWAYS		
					STOPPING	INTERSECTION	TOTAL ROADWAY WIDTH	FILL WITH G.R.	CUT OR FILL W/O G.R.	CLEAR ZONE (FROM EDGE OF TRAVELWAY)	CURB TO CURB WIDTH WITH OR WITHOUT PARKING ON ONE SIDE	CLEAR ZONE (FROM FACE OF CURB)	
ONE-WAY (1- LANE)	≤ 400	20	107' (4)	NOTE (2)	95' (5)	90' (6)	Note (7)	5'	2' (1)	6' (3)	NOTE (7)	1.5'	
<p>NOTES:</p> <p>These design standards may also be used for one-way divided pairs, such as subdivision entrances with wide medians.</p> <p>On-street parking is anticipated; a parking lane width not less than 7 feet should be used.</p> <p>Right Of Way requirements can be found in Section B-4.1 Right of Way.</p>							<ol style="list-style-type: none"> 1. *2004 AASHTO Green Book Chapter 5 (Page 384 – Exhibit 5-5) 2. 2004 AASHTO Green Book Chapter 5 (Page 391) 3. Clear zone widths may be reduced with the concurrence of the District Administrator's Designee where terrain or social/environmental impact considerations are appropriate. (AASHTO 2001 Very Low Volume Local Roads Guide Chapter 4, Page 48) 4. AASHTO 2004 Green Book Chapter 3 (Page 151, Exhibit 3-16) 5. AASHTO 2001 Very Low Volume Local Roads Chapter 4 (Page 34, Exhibit 8) 6. AASHTO 2001 Very Low Volume Local Roads Chapter 4 (Page 45, Exhibit 14, August 2002 Errata) 7. For appropriate design values for total roadway width, SEE AASHTO 2001 Very Low Volume Local Roads Guide (Page 20, Exhibit 2). 						

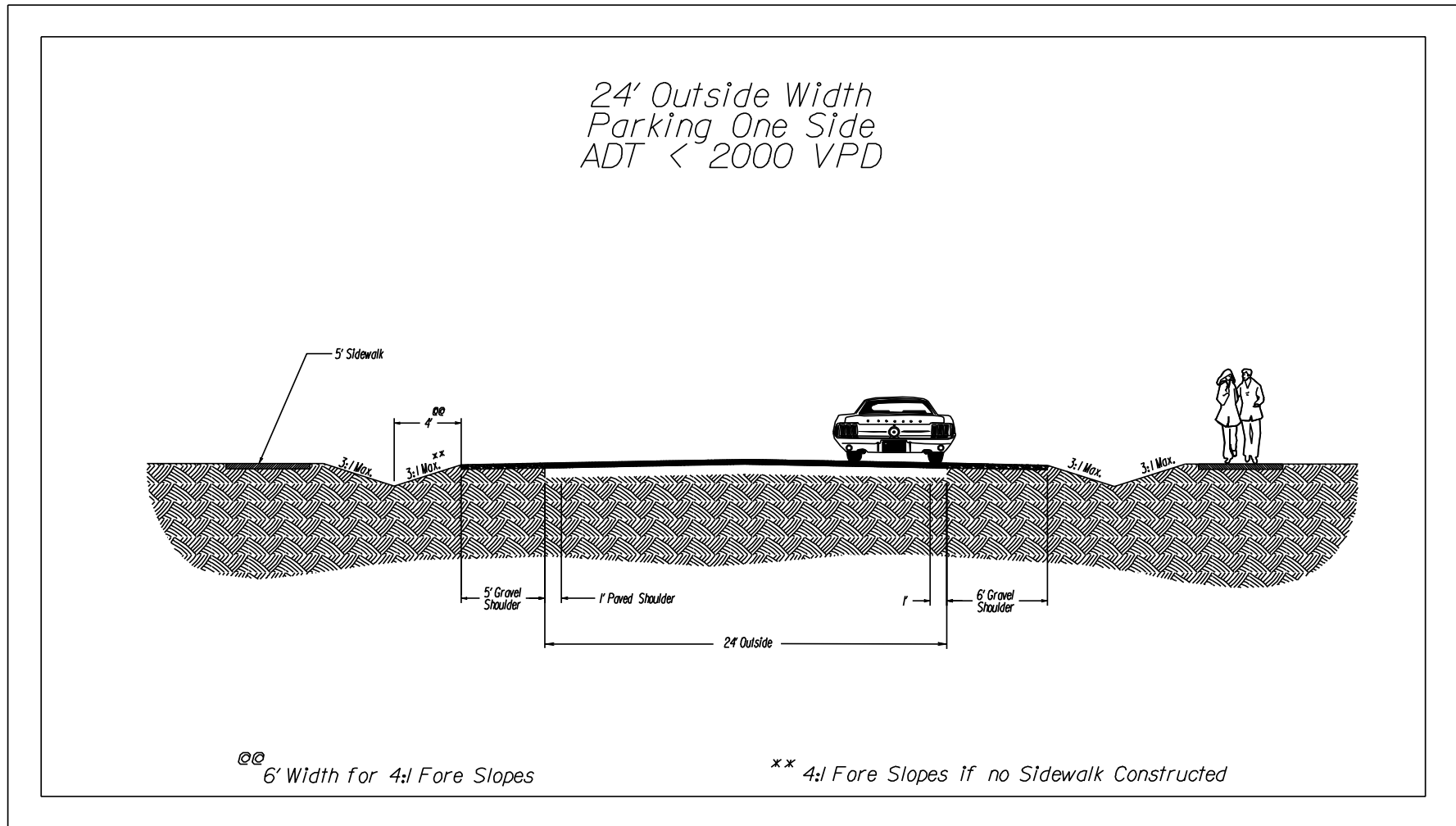


FIGURE 1.1 - 24' OUTSIDE WIDTH PARKING ONE SIDE*

* Added 3/09

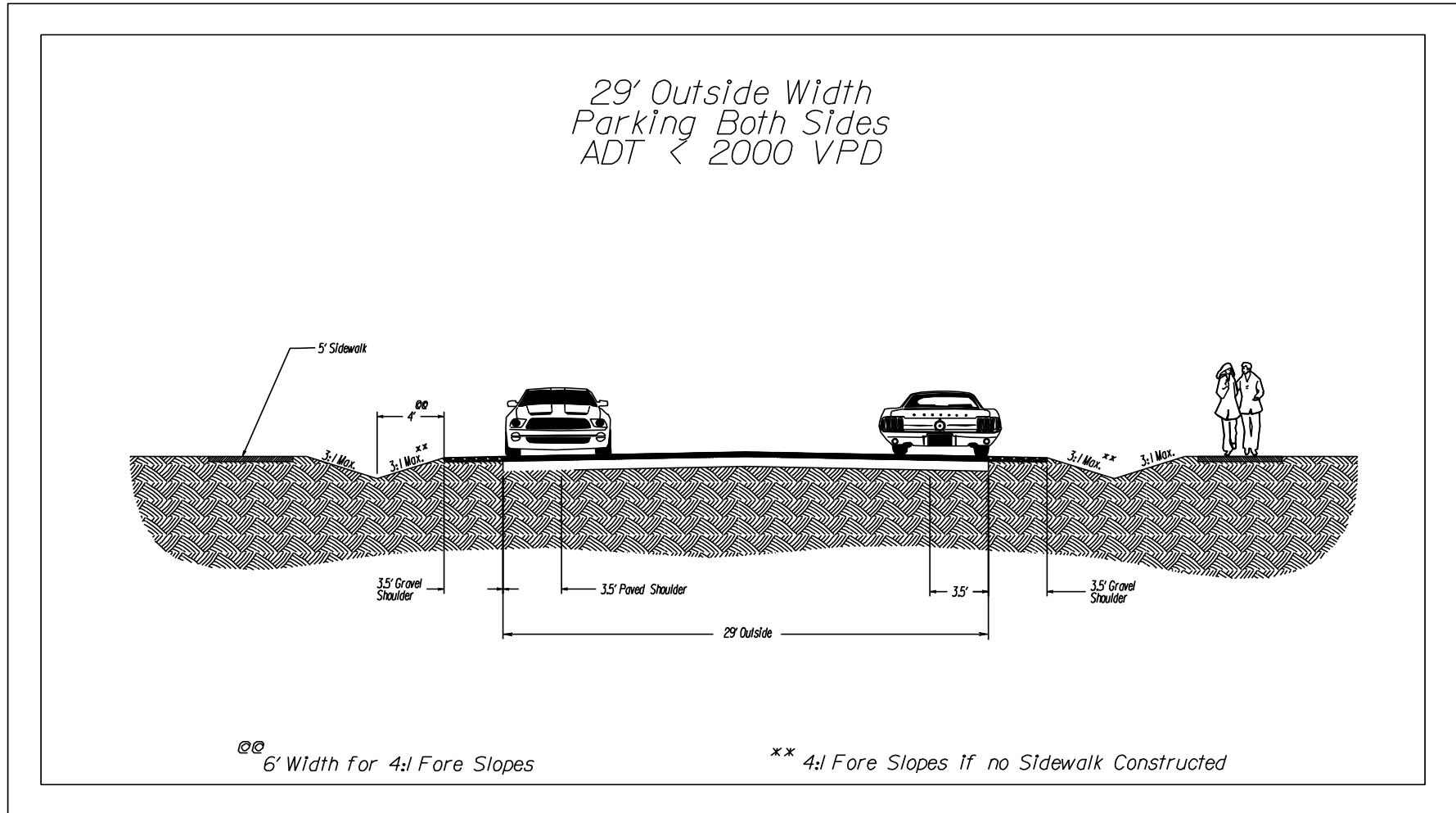


FIGURE 1.2 – 29' OUTSIDE WIDTH PARKING ON BOTH SIDES*

* Added 3/09

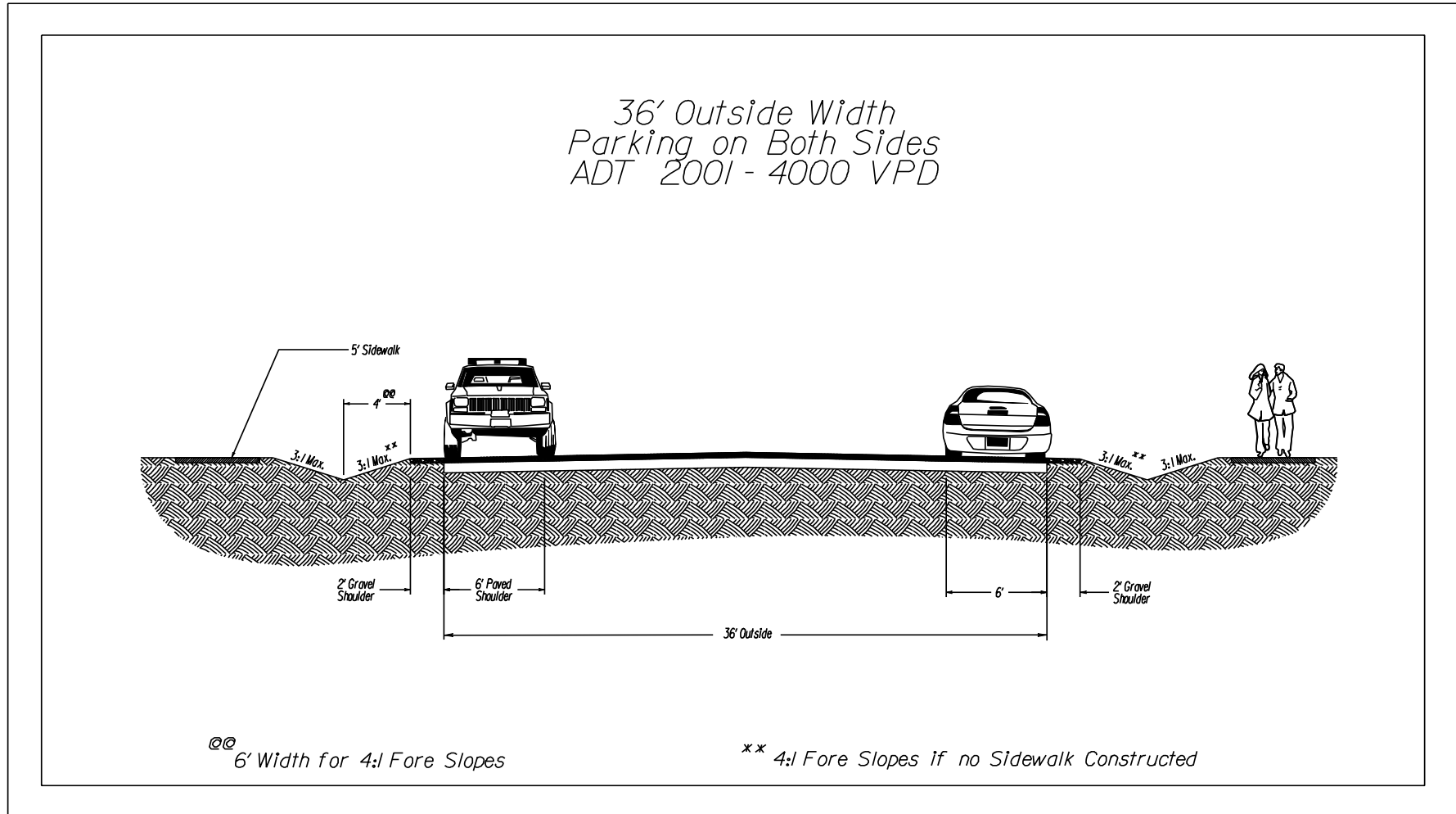


FIGURE 1.3 OUTSIDE WIDTH PARKING ON BOTH SIDES*

* Added 3/09

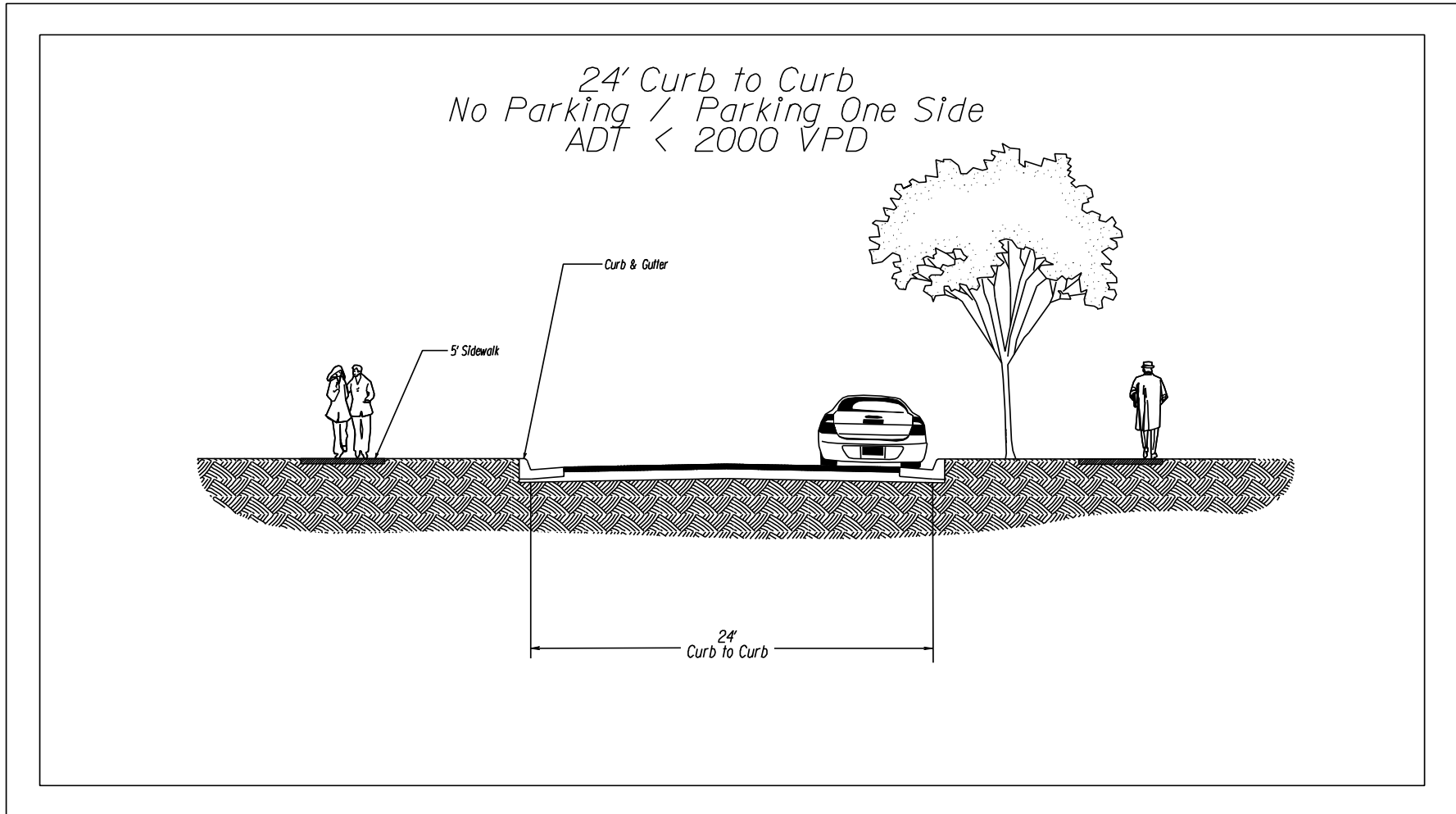


FIGURE 1.4 – 24' CURB TO CURB NO PARKING / PARKING ON ONE SIDE*

* Added 3/09

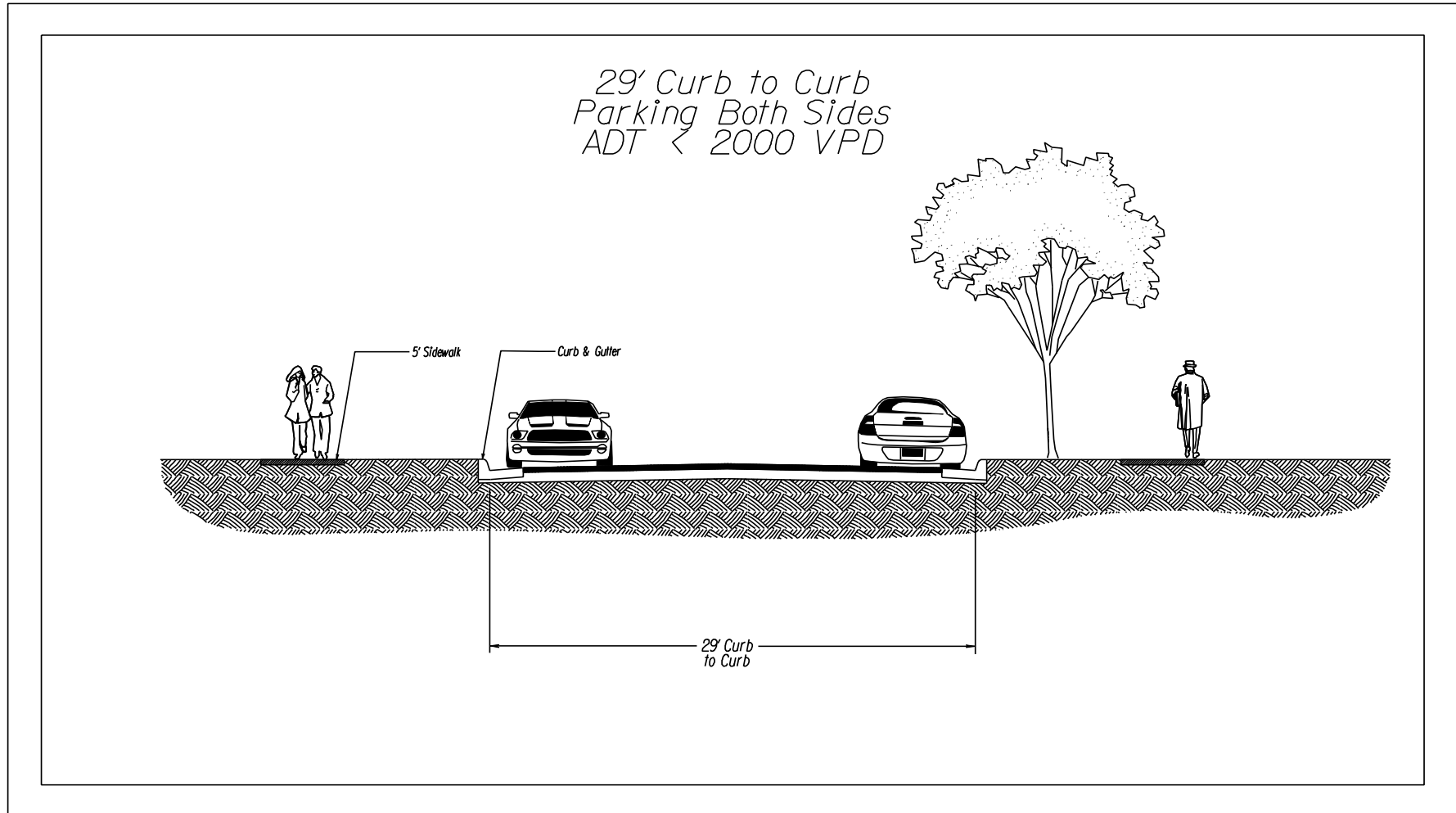


FIGURE 1.5 – 29' CURB TO CURB PARKING ON BOTH SIDES*

* Added 3/09

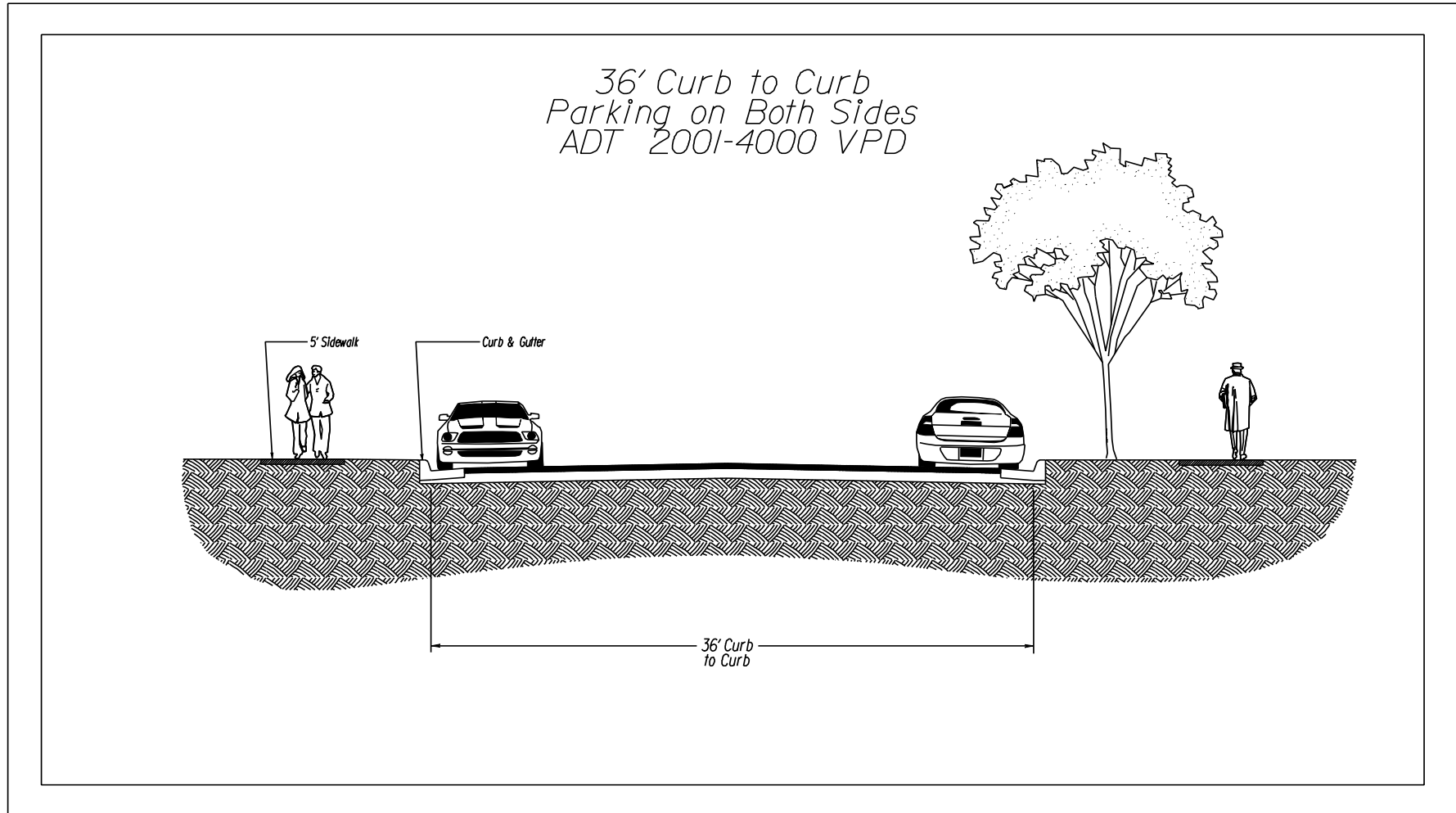


FIGURE 1.6 – 36' CURB TO CURB PARKING ON BOTH SIDES*

* Added 3/09