PARKING LOT DESIGN

GENERAL REQUIREMENTS

I. DRIVEWAY WIDTHS AND LOCATIONS

a. 9 ft. minimum in the A, RE, RS, R2, R1 and RW Zones.
b. 10 ft. minimum in all other zones and when serving an apartment house in the R2 Zone.
c. 19 ft. minimum when serving more than 25 cars or in lieu therof there shall be two 10 ft. minimum wide driveways.
d. Department of Transportation approval for the location of the driveways shall be obtained on lots located in a P (including any combination with an A or R Zone) or PB Zone and for every parking area or garage having a capacity of more than 25 cars or trucks.

II. TANDEM PARKING STALLS

a. Tandem parking stalls are permitted in public garages and public parking areas providing an attendant. A “Covenant and Agreement to Provide Parking Attendant” will be required.
b. Tandem stalls are permitted in private parking garages and private parking areas serving:
    1. Apartment houses, apartment hotels, motels, multiple or group dwellings.
    2. Two-family dwellings in the RW Zone.
    3. Two-family dwellings in the RD, R3, R4, and R5 Zones and on a lot with the frontage of less than 40 ft.

III. DRIVEWAY SLOPES AND RAMPS

a. 20% maximum slope on driveway or ramp.
b. 10% maximum cross slope of a driveway or ramp.
c. 5% maximum slope in any direction in a parking stall.
d. Transition slopes are required when the slope of the driveway or ramp exceeds 12% (see Figure 11).

IV. PARKING STALL LOCATION

Each parking stall shall be so located that no automobile is required to back into any public street or sidewalk to leave the parking stall, parking bay or driveway, except where such parking stalls, parking bays or driveways serve not more than two dwelling units and where the driveway access is to a street other than a major or secondary highway.

V. REQUIRED FRONT YARD

No automobile parking space shall be provided or maintained within a required front yard. Exception: Where a lot is developed with a building meeting the requirements of Section 12.08.3 B1, not more than 50 percent of a required front yard shall be designed, improved or used for access driveways.

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VI. COMPACT PARKING SPACES PERMITTED

In parking areas or garages containing 10 or more spaces for other than dwelling uses, up to 40% of the total required parking spaces and 100% of the non-required parking spaces may be compact. For dwelling uses, all parking stalls in excess of one stall per unit may be compact.

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TABLE 1: STANDARD CARS - PARKING BAY WIDTHS FOR ONE-WAY TRAFFIC * AND DOUBLE LOADED AISLES, BASED ON CHART NO. 1 IN ORDINANCE NO. 142,306

Parking Angle	8'-4" Stalls	8'-6" Stalls	8'-8" Stalls	8'-10" Stalls	9'-0" Stalls	9'-2" Stalls	9'-4" Stalls
30	43'-0"	43'-0"	43'-0"	43'-0"	43'-0"	43'-0"	43'-0"
32.5	44'-2"	44'-2"	44'-2"	44'-2"	44'-2"	44'-2"	44'-2"
35	45'-3"	45'-3"	45'-3"	45'-3"	45'-3"	45'-3"	45'-3"
37.5	46'-3"	46'-3"	46'-3"	46'-3"	46'-3"	46'-3"	46'-3"
40	47'-4"	47'-0"	47'-0"	47'-0"	47'-0"	47'-0"	47'-0"
42.5	48'-10"	48'-4"	47'-10"	47'-8"	47'-8"	47'-8"	47'-8"
45	50'-3"	49'-10"	49'-5"	49'-0"	48'-7"	48'-5"	48'-5"
47.5	51'-6"	51'-1"	50'-8"	50'-3"	49'-10"	49'-5"	49'-0"
50	52'-8"	52'-3"	51'-10"	51'-5"	51'-0"	50'6"	50'-1"
52.5	53'-8"	53'-3"	52'-10"	52'-5"	52'-0"	51'-6"	51'-1"
55	54'-7"	54'-2"	53'-9"	53'-4"	52'-11"	52'-5"	52'-0"
57.5	55'-6"	55'-0"	54'-7"	54'-1"	53'-8"	53'-2"	52'-9"
60	56'-5"	55'-11"	55'-5"	55'-0"	54'-8"	54'-0"	53'-7"
62.5	57'-4"	56'-10"	56'-4"	55'-10"	55'-4"	54'-9"	54'-5"
65	58'-2"	57'-8"	57'-2"	56'-8"	56'-2"	55'-8"	55'-2"
67.5	58'-10"	58'-3"	57'-9"	57'-3"	56'-9"	56'-3"	55'-9"
70	59'-7"	59'-0"	58'-6"	58'-0"	57'-6"	57'-0"	56'-6"
72.5	60'-3"	59'-8"	59'-2"	58'-7"	58'-1"	57'-7"	57'-1"
75	60'-11"	60'-4"	59'-9"	59'-2"	58'-8"	58'-1"	57'-7"
77.5	61'-7"	61'-0"	60'-5"	59'-10"	59'-3"	58'-8"	58'-2"
80	62'-2"	61'-7"	61'-0"	60'-5"	59'-10"	59'-3"	58'-8"
82.5	62'-8"	62'-0"	61'-5"	60'-10"	60'-3"	59'-8"	59'-1"
85	63'-2"	62'-8"	61'-11"	61'-3"	60'-8"	60'-1"	59'-6"
87.5	63'-7"	62'-11"	62'-3"	61'-7"	61'-0"	60'-4"	59'-9"
90	64'-0"	63'-4"	62'-8"	62'-0"	61'-4"	60'-8"	60'-0"

* NOTE: All values on this table are for required parking stalls. To determine parking bay widths for non-required stalls, merely use a column showing a stall width dimension that is 4 inches more. The values above the lines are governed by minimum aisle width.
The stall widths (8'-6", 8'-10", and 9'-2") are not shown in the ordinance, but are available for use.

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TABLE 2: STANDARD CARS - PARKING BAY WIDTHS FOR ONE-WAY TRAFFIC AND SINGLE LOADED AISLES, BASED ON CHART NO. 2 IN ORDINANCE NO. 142,306 *

Parking Angle	8'-4" Stalls	8'-6" Stalls	8'-8" Stalls	8'-10" Stalls	9'-0" Stalls	9'-2" Stalls	9'-4" Stalls
30	27'-6"	27'-6"	27'-6"	27'-6"	27'-6"	27'-6"	27'-6"
32.5	28'-1"	28'-1"	28'-1"	28'-1"	28'-1"	28'-1"	28'-1"
35	28'-7"	28'-7"	28'-7"	28'-7"	28'-7"	28'-7"	28'-7"
37.5	29'-1"	29'-1"	29'-1"	29'-1"	29'-1"	29'-1"	29'-1"
40	29'-11"	29'-6"	29'-6"	29'-6"	29'-6"	29'-6"	29'-6"
42.5	30'-11"	30'-6"	30'-1"	29'-10"	29'-10"	29'-10"	29'-10"
45	31'-11"	31'-6"	30'-8"	30'-8"	30'-3"	30'-3"	30'-5"
47.5	32'-11"	32'-6"	32'-1"	31'-8"	31'-3"	31'-10"	30'-5"
50	33'-10"	33'-5"	33'-0"	32'-7"	32'-2"	31'-9"	31'-4"
52.5	34'-9"	34'-3"	33'-9"	33'-4"	32'-11"	32'-6"	32'-1"
55	35'-7"	35'-1"	34'-7"	34'-2"	33'-8"	33'-3"	32'-10"
57.5	36'-5"	35'-11"	35'-5"	35'-0"	34'-6"	34'-0"	33'-7"
60	37'-3"	36'-9"	36'-3"	35'-9"	35'-3"	34'-9"	34'-4"
62.5	38'-0"	37'-6"	37'-0"	36'-6"	36'-0"	35'-6"	35'-0"
65	38'-9"	38'-2"	37'-8"	37'-2"	36'-8"	36'-2"	35'-8"
67.5	39'-6"	38'-11"	38'-5"	37'-11"	37'-4"	36'-10"	36'-4"
70	40'-3"	39'-8"	39'-2"	38'-7"	38'-1"	37'-6"	37'-0"
72.5	40'-11"	40'-4"	39'-10"	39'-3"	38'-9"	38'-2"	37'-8"
75	41'-8"	41'-1"	40'-7"	40'-0"	39'-5"	38'-10"	38'-4"
77.5	42'-5"	41'-10"	41'-3"	40'-8"	40'-1"	39'-6"	39'-0"
80	43'-1"	42'-6"	41'-11"	41'-4"	40'-9"	40'-2"	39'-7"
82.5	43'-9"	43'-1"	42'-6"	41'-11"	41'-4"	40'-9"	40'-2"
85	44'-6"	43'-10"	43'-3"	42'-7"	42'-0"	41'-4"	40'-9"
87.5	45'-3"	44'-7"	43'-11"	43'-4"	42'-8"	42'-0"	41'-5"
90	46'-0"	45'-4"	44'-8"	44'-0"	43'-4"	42'-8"	42'-0"

* NOTE: All values on this table are for required parking stalls. To determine parking bay widths for non-required stalls, merely use a column showing a stall width dimension that is 4 inches more. The values above the lines are governed by minimum aisle width.
The stall widths (8'-6", 8'-10", and 9'-2") are not shown in the ordinance, but are available for use.

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TABLE 3: STANDARD CARS - PARKING BAY WIDTHS FOR TWO-WAY TRAFFIC AND DOUBLE LOADED AISLES, BASED ON CHART NO. 3 IN ORDINANCE NO. 142,306 *

Parking Angle	8'-4" Stalls	8'-6" Stalls	8'-8" Stalls	8'-10" Stalls	9'-0" Stalls	9'-2" Stalls	9'-4" Stalls
30	51'-2"	51'-2"	51'-2"	51'-2"	51'-2"	51'-2"	51'-2"
32.5	52'-4"	52'-4"	52'-4"	52'-4"	52'-4"	52'-4"	52'-4"
35	53'-3"	53'-3"	53'-3"	53'-3"	53'-3"	53'-3"	53'-3"
37.5	54'-2"	54'-2"	54'-2"	54'-2"	54'-2"	54'-2"	54'-2"
40	54'-10"	54'-10"	54'-10"	54'-10"	54'-10"	54'-10"	54'-10"
42.5	55'-7"	55'-7"	55'-7"	55'-7"	55'-7"	55'-7"	55'-7"
45	56'-4"	56'-4"	56'-4"	56'-4"	56'-4"	56'-4"	56'-4"
47.5	57'-0"	57'-0"	57'-0"	57'-0"	57'-0"	57'-0"	57'-0"
50	57'-8"	57'-8"	57'-7"	57'-7"	57'-0"	57'-6"	57'-6"
52.5	58'-4"	58'-3"	58'-2"	58'-2"	58'-1"	58'-0"	58'-0"
55	58'-11"	58'-9"	58'-8"	58'-7"	58'-6"	58'-5"	58'-4"
57.5	59'-6"	59'-4"	59'-2"	59'-1"	58'-11"	58'-9"	58'-8"
60	59'-11"	59'-9"	59'-7"	59'-5"	59'-3"	59'-1"	58'-11"
62.5	60'-5"	60'-2"	60'-0"	59'-9"	59'-7"	59'-4"	59'-2"
65	60'-11"	60'-8"	60'-5"	60'-2"	59'-11"	59'-8"	58'-5"
67.5	61'-5"	61'-1"	60'-9"	60'-6"	60'-2"	59'-10"	59'-7"
70	61'-10"	61'-5"	61'-1"	60'-9"	60'-5"	60'-1"	59'-9"
72.5	62'-3"	61'-10"	61'-5"	61'-0"	60'-7"	60'-2"	59'-10"
75	62'-7"	62'-1"	61'-8"	61'-3"	60'-9"	60'-4"	59'-11"
77.5	62'-11"	62'-5"	61'-11"	61'-5"	60'-11"	60'-5"	60'-0"
80	63'-3"	62'-8"	62'-2"	61'-7"	61'-1"	60'-6"	60'-0"
82.5	63'-6"	62'-11"	62'-4"	61'-9"	61'-2"	60'-7"	60'-0"
85	63'-9"	63'-1"	62'-6"	61'-10"	61'-3"	60'-7"	60'-0"
87.5	63'-11"	63'-3"	62'-7"	61'-11"	61'-3"	60'-7"	60'-0"
90	64'-0"	63'-4"	62'8"	62'-0"	61'-4"	60'-8"	60'-0"

* NOTE: All values on this table are for required parking stalls. To determine parking bay widths for non-required stalls, merely use a column showing a stall width dimension that is 4 inches more. The values above the lines are governed by minimum aisle width.
The stall widths (8'-6", 8'-10", and 9'-2") are not shown in the ordinance, but are available for use.

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TABLE 4: STANDARD CARS - PARKING BAY WIDTHS FOR TWO-WAY TRAFFIC AND SINGLE LOADED AISLES, BASED ON CHART NO. 4 IN ORDINANCE NO. 142,306 *

Parking Angle	8'-4" Stalls	8'-6" Stalls	8'-8" Stalls	8'-10" Stalls	9'-0" Stalls	9'-2" Stalls	9'-4" Stalls
30	35'-6"	35'-6"	35'-6"	35'-6"	35'-6"	35'-6"	35'-6"
32.5	36'-0"	36'-0"	36'-0"	36'-0"	36'-0"	36'-0"	36'-0"
35	36'-6"	36'-6"	36'-6"	36'-6"	36'-6"	36'-6"	36'-6"
37.5	37'-0"	37'-0"	37'-0"	37'-0"	37'-0"	37'-0"	37'-0"
40	37'-6"	37'-6"	37'-6"	37'-5"	37'-5"	37'-5"	37'-5"
42.5	38'-0"	38'-0"	37'-11"	37'-11"	37'-11"	37'-10"	37'-10"
45	38'-6"	38'-6"	38'-5"	38'-5"	38'-4"	38'-4"	38'-3"
47.5	39'-0"	38'-11"	38'-10"	38'-10"	38'-9"	38'-8"	38'-8"
50	39'-5"	39'-4"	39'-3"	39'-3"	39'-2"	39'-1"	39'-0"
52.5	39'-10"	39'-9"	39'-8"	39'-7"	39'-6"	39'-5"	39'-4"
55	40'-3"	40'-1"	40'-0"	39'-11"	39'-10"	39'-9"	39'-8"
57.5	40'-8"	40'-6"	40'-5"	40'-4"	40'-2"	40'-1"	40'-0"
60	41'-1"	40'-11"	40'-10"	40'-8"	40'-7"	40'-5"	40'-4"
62.5	41'-6"	41'-4"	41'-2"	41'-0"	40'-10"	40'-8"	40'-7"
65	41'-11"	41'-8"	41'-6"	41'-4"	41'-2"	41'-0"	40'-10"
67.5	42'-4"	42'-1"	41'-11"	41'-8"	41'-6"	41'-3"	41'-1"
70	42'-9"	42'-6"	42'-3"	42'-0"	41'-9"	41'-6"	41'-4"
72.5	43'-2"	42'-10"	42'-7"	42'-4"	42'-0"	41'-9"	41'-6"
75	43'-7"	43'-3"	42'-11"	42'-7"	42'-3"	41'-11"	41'-8"
77.5	44'-0"	43'-7"	43'-3"	42'-11"	42'-6"	42'-2"	41'-10"
80	44'-5"	44'-0"	43'-7"	43'-2"	42'-9"	42'-4"	41'-11"
82.5	44'-10"	44'-4"	43'-10"	43'-5"	42'-11"	42'-5"	42'-0"
85	45'-3"	44'-8"	44'-2"	43'-7"	43'-1"	42'-6"	42'-0"
87.5	45'-8"	45'-0"	44'-5"	43'-10"	43'-2"	42'-7"	42'-0"
90	46'-0"	45'-4"	44'-8"	44'-0"	43'-4"	42'-8"	42'-0"

* NOTE: All values on this table are for required parking stalls. To determine parking bay widths for non-required stalls, merely use a column showing a stall width dimension that is 4 inches more. The values above the lines are governed by minimum aisle width.
The stall widths (8'-6", 8'-10", and 9'-2") are not shown in the ordinance, but are available for use.

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TABLE 5A: PARKING BAY DIMENSIONS FOR COMPACT CARS - REQUIRED STALLS

REQUIRED STALLS					
ONE WAY TRAFFIC			TWO WAY TRAFFIC		
ANGLE "	**DOUBLE LOADED** BAY WIDTH	**SINGLE LOADED** BAY WIDTH	ANGLE "	**DOUBLE LOADED** BAY WIDTH	**SINGLE LOADED** BAY WIDTH
30	40'-0"	26'-0"	30	48'-2"	34'-0"
32.5	40'-11"	26'-6"	32.5	49'-1"	34'-5"
35	41'-10"	26'-10"	35	49'-10"	34'-9"
37.5	42'-7"	27'-3"	37.5	50'-6"	35'-2"
40	43'-2"	27'-7"	40	50'-11"	35'-6"
42.5	43'-7"	27'-10"	42.5	51'-6"	35'-10"
45	44'-4"	28'-2"	45	52'-1"	36'-3"
47.5	45'-5"	29'-0"	47.5	52'-7"	36'-6"
50	46'-5"	29'-10"	50	52'-11"	36'-10"
52.5	47'-3"	30'-6"	52.5	53'-4"	37'-2"
55	48'-10"	31'-3"	55	53'-7"	37'-4"
57.5	48'-7"	31'-11"	57.5	53'-10"	37'-8"
60	49'-4"	32'-8"	60	54'-1"	37'-11"
62.5	50'-0"	33'-4"	62.5	54'-3"	38'-2"
65	50'-9"	33'-11"	65	54'-6"	38'-5"
67.5	51'-3"	34'-7"	67.5	54'-8"	38'-9"
70	51'-10"	35'-3"	70	54'-9"	38'-11"
72.5	52'-4"	35'-10"	72.5	54'-10"	39'-2"
75	52'-10"	36'-6"	75	54'-11"	39'-4"
77.5	53'-4"	37'-3"	77.5	55'-1"	39'-7"
80	53'-11"	37'-10"	80	55'-2"	39'-10"
82.5	54'-4"	38'-4"	82.5	55'-3"	39'-11"
85	54'-8"	39'-0"	85	55'-3"	40'-1"
87.5	55'-0"	39'-8"	87.5	55'-3"	40'-2"
90	55'-4"	40'-4"	90	55'-4"	40'-4"

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TABLE 5B: PARKING BAY DIMENSIONS FOR COMPACT CARS - NON-REQUIRED STALLS

NON-REQUIRED STALLS					
ONE WAY TRAFFIC			TWO WAY TRAFFIC		
ANGLE "	**DOUBLE LOADED** BAY WIDTH	**SINGLE LOADED** BAY WIDTH	ANGLE "	**DOUBLE LOADED** BAY WIDTH	**SINGLE LOADED** BAY WIDTH
30	40'-0"	26'-0"	30	48'-2"	34'-0"
32.5	40'-11"	26'-6"	32.5	49'-1"	34'-5"
35	41'-10"	26'10“	35	49'-10"	34'-9"
37.5	42'-7"	27'-3"	37.5	50'-6"	35'-2"
40	43'-2"	27'-7"	40	51'-0"	35'-6"
42.5	43'-7"	27'-10"	42.5	51'-6"	35'-10"
45	44'-2"	28'-1"	45	52'-1"	36'-2"
47.5	44'-7"	28'-3"	47.5	52'-7"	36'-5"
50	45'-6"	29'-0"	50	52'-11"	36'-8"
52.5	46'-3"	29'-10"	52.5	53'-2"	37'-0"
55	47'-0"	30'-5"	55	53'-5"	37'-3"
57.5	47'-8"	31'-1"	57.5	53'-7"	37'-6"
60	48'-5"	31'-9"	60	53'-9"	37'-8"
62.5	49'-1"	32'-4"	62.5	53'-10"	37'-11"
65	49'-9"	32'-11"	65	54'-0"	38'-1"
67.5	50'-3"	33'-7"	67.5	54'-0"	38'-4"
70	50'-10"	34'-2"	70	54'-0"	38'-6"
72.5	51'-4"	34'-10"	72.5	54'-0"	38'-8"
75	51'-10"	35'-5"	75	54'-0"	38'-9"
77.5	52'-4"	36'-1"	77.5	54'-0"	38'-11"
80	52'-9"	36'-8"	80	54'-0"	39'-0"
82.5	53'-2"	37'-2"	82.5	54'-0"	39'-0"
85	53'-6"	37'-9"	85	54'-0"	39'-0"
87.5	53'-9"	38'-5"	87.5	54'-0"	39'-2"
90	54'-0"	39'-0"	90	54'-0"	39'-2"

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TABLE 6: COMPACT AUTOMOBILE SPACES ADJOINING ACCESS AISLE FOR 90° ANGLE

BASIC STALL WIDTH	ACCESS AISLE WIDTH
7'-6"	25'-4"
7'-10"	24'-0"
8'-2"	22'-8"
8'-4"	22'-0"
8'-6"	21'-4"
8'-8"	20'-8"
8'-10"	20'-0"

VII. CALCULATION OF PARKING SPACES

To determine the number of parking spaces possible on a given sized lot or to determine the lot size required for a certain number of spaces, refer to Figure 1 and the following procedures:

1. To find the required Length (L) for a certain Number (N) of parking stalls:

   a. Select Bay Width (B) from lot area that is available.

   b. Using the parking bay charts or tables choose a trial Parking Angle, **"** (use maximum) and Stall Width, W (W is 8'4" minimum for commercial required and non-required parking, 8'-8" minimum for residential required and non-required parking.)

      NOTE: See Table 1 thru 4 for standard car stall and Tables 5A, 5B, and 6 for compact car stall bay width dimensions.

   c. From figure 1 calculate the following values:

      $X = S \cos$ **"** $\quad Y = W/\sin$ **"** $\quad Z = W \sin$ **"**

      Then the Length (L) is the sum of the X, Y, and Z dimensions.

      $L = X + Z + (N-1)\,Y$, which is (one stall) + (all stalls but one) Y

2. To determine the Number (N) of parking stalls possible for an available parking bay of Length (L)

   Total number of parking spaces, $N = \dfrac{L - (X + Z)}{Y} + 1$

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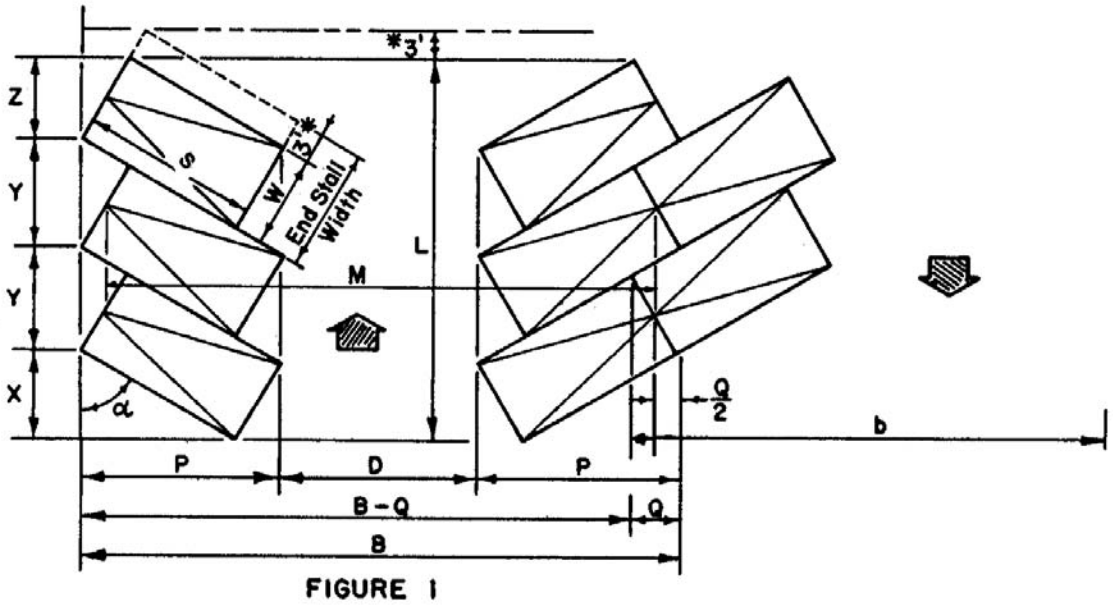

FIGURE 1

* End stalls for 82.5° to 90° parking shall be 3'-0" wider, or the access aisle shall extend 5' mimimum beyond bay (L + 3').

3. For multiple parking bays where the bays overlap and interlock, the net bay widths may be determined by the parking bay relationships shown below.

   a. Parking lot width for overlapping, interlocking bay widths, M (See Figure 1).

   b. Compute parking bay overlap width, Q = W cos " then determine required parking area width as follows:

   - For 2 interlocking bays, both double loaded: lot width = 2B - Q, where b = width of single loaded bay
   - For double and single loaded lot width = B + b + Q
   - For multiple bays, all double loaded: lot width = r (B - Q) + Q, where r = number of bays
   - one single loaded end bay: lot width = r (B - Q) - b
     both end bays single loaded: lot width = r (B - Q) + b

4. Supplementary dimensions:
   For angle ", parking stall depth, P = S sin " + Q

   Driveway aisle width, D
   double loaded bays, D = B - 2P
   single loaded bays, D = b - P

Double loaded means parking on both sides of the driveway access aisle.

Single loaded means parking on one side of the driveway access aisle.

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VIII. STRIPING FOR PARKING STALLS

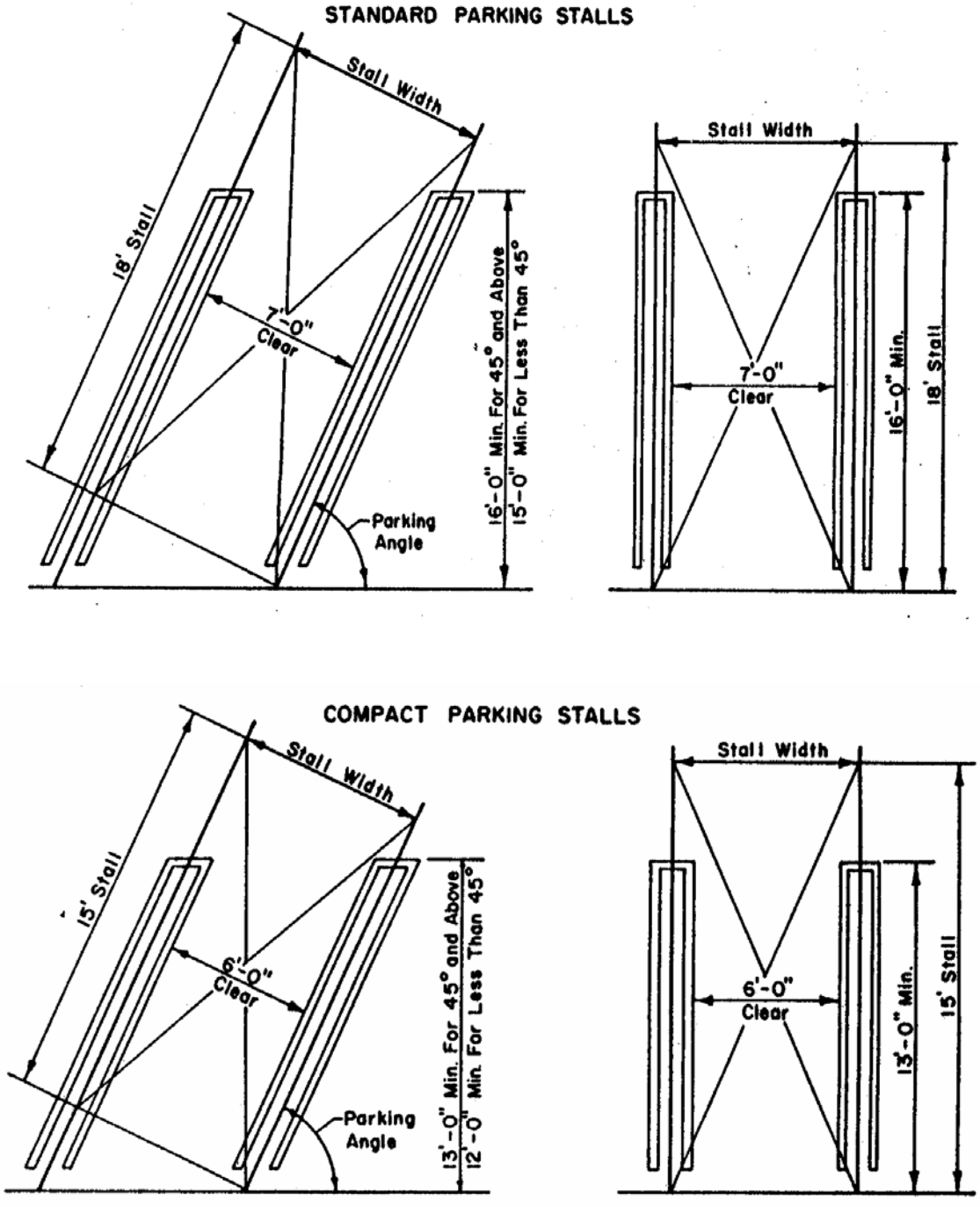

FIGURE 2

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IX. END STALL CONDITIONS

For end parking stalls placed at angles greater than 80 degrees, an increase of 3 ft. for standard stalls and 2 ft. for compact stalls to the Basic Stall Width (BSW) is required.

If access aisle extends a minimum of 3 ft. for standard stalls and 2 ft. for compact stalls beyond the end parking stall, no increase in stall width is required other than the 10 inch increase for obstructions. (See example below)

The increase in stall width for end stall conditions or the extension of the access aisle beyond the end parking stall may be omitted if a minimum of 32 ft. wide access aisle is provided.

For standard stall with access aisle widths between 28 ft. and 32 ft., you can decrease the 3 ft. increase in stall width or extension of the access aisle by 6 ½ inches per foot of width of access aisle width beyond 28 ft.

For compact stalls, you can decrease the 2 ft. increase in stall width or extension of access aisle by 3 ½ inches per foot of width beyond 28 ft. of access aisle width.

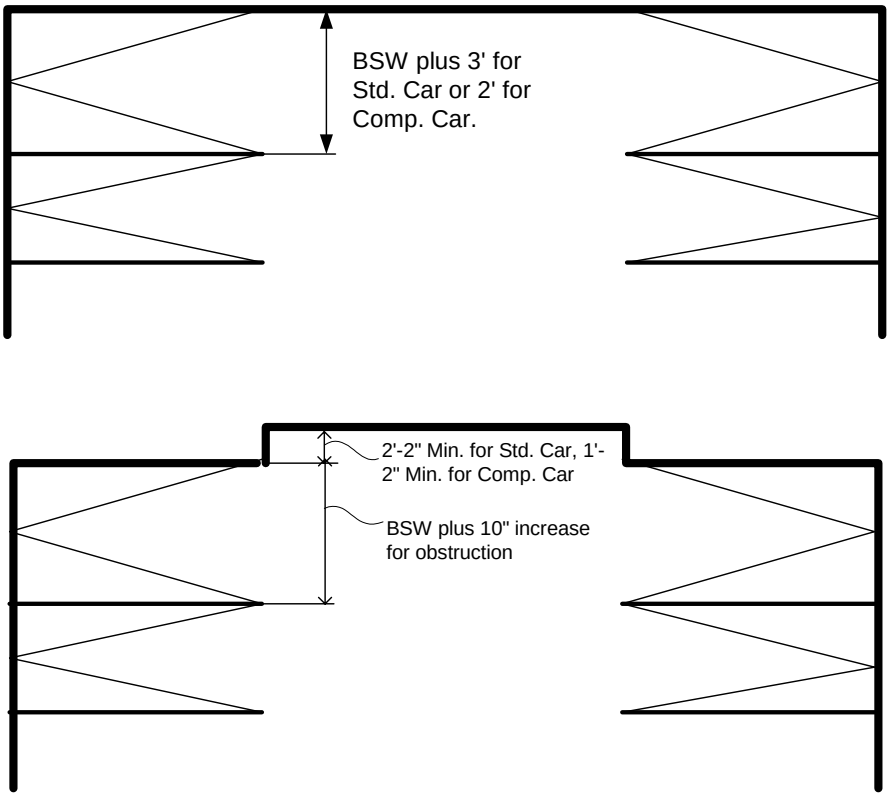

FIGURE 3

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X. PARKING WALL HEIGHT

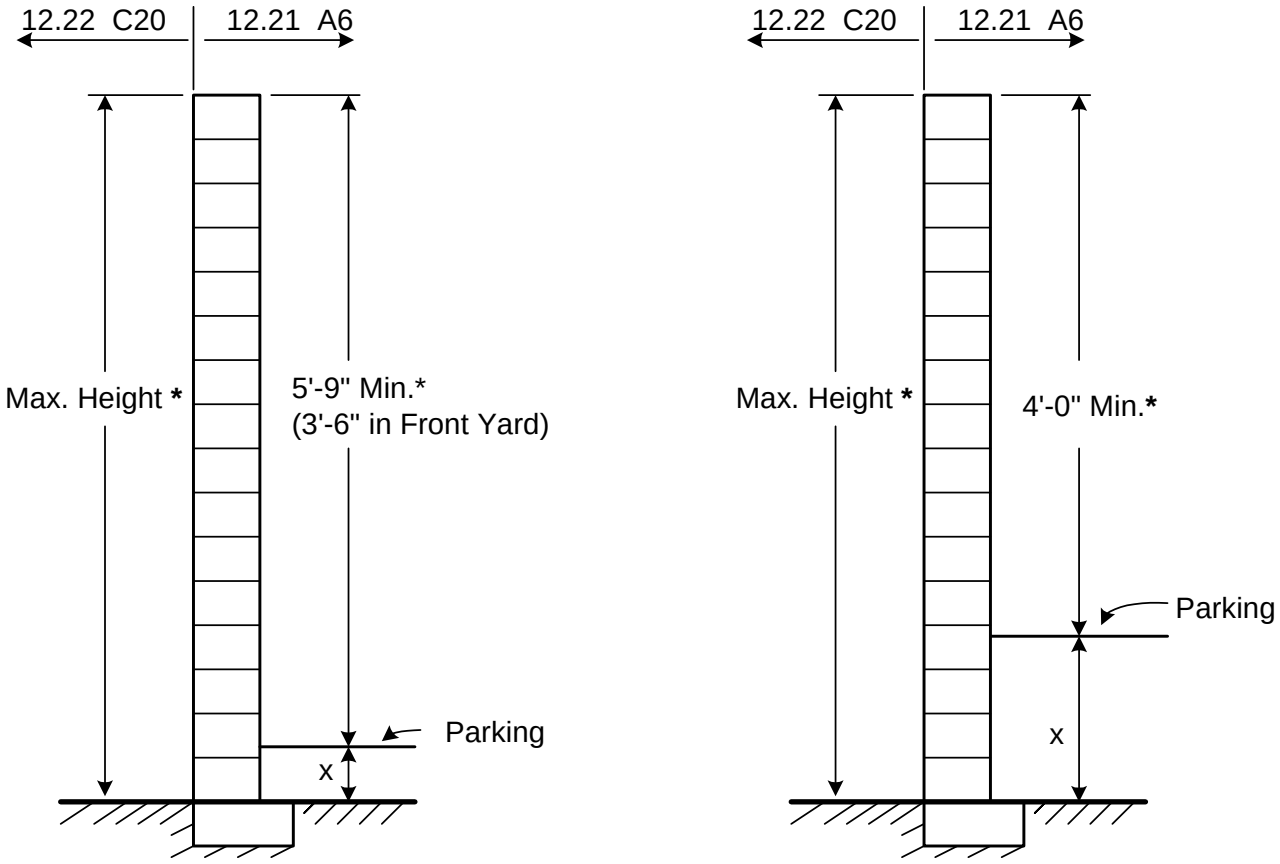

FIGURE 4

* Minimum height for parking area is measured from the finished grade of the parking area. However, the wall cannot exceed the height limitation as specified in 12.22C20(f) for “A” or “R” zones.

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XI. DRIVEWAY AND TURNING AREAS

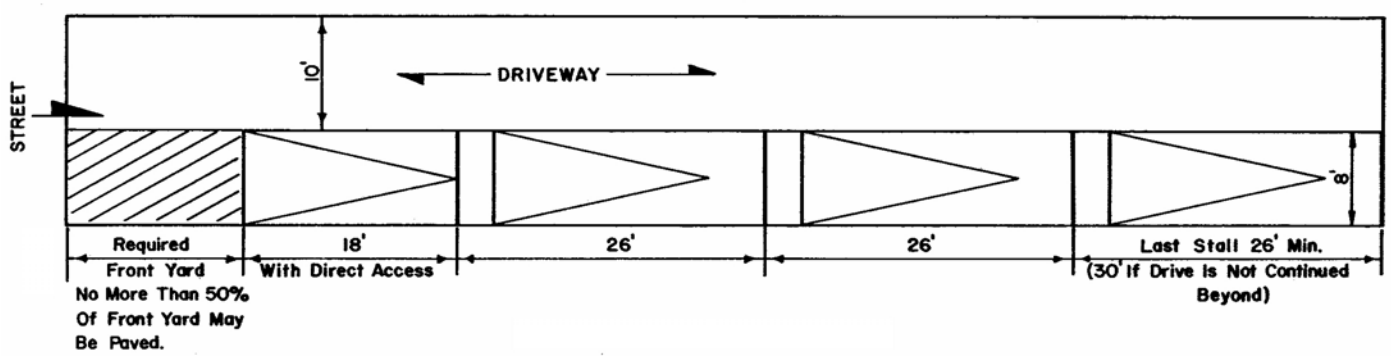

FIGURE 5: FOR PARALLEL PARKING

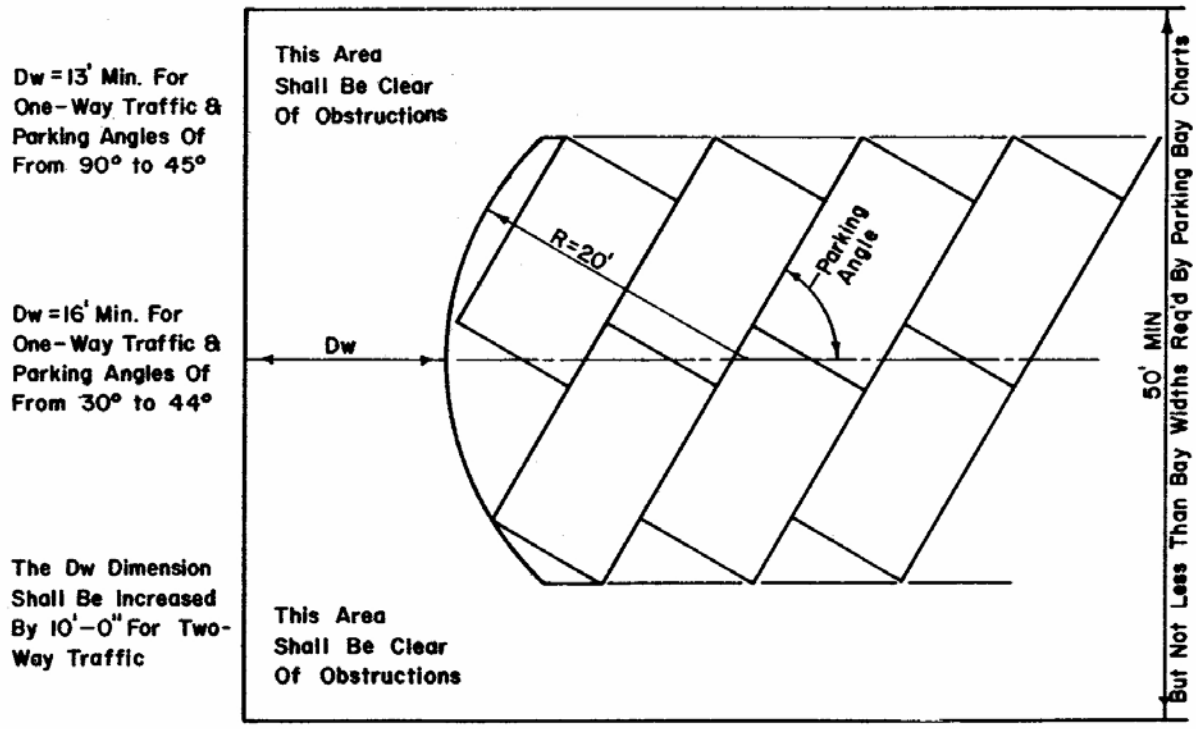

FIGURE 6: CIRCULATION DRIVEWAYS FOR VARIOUS PARKING ANGLES

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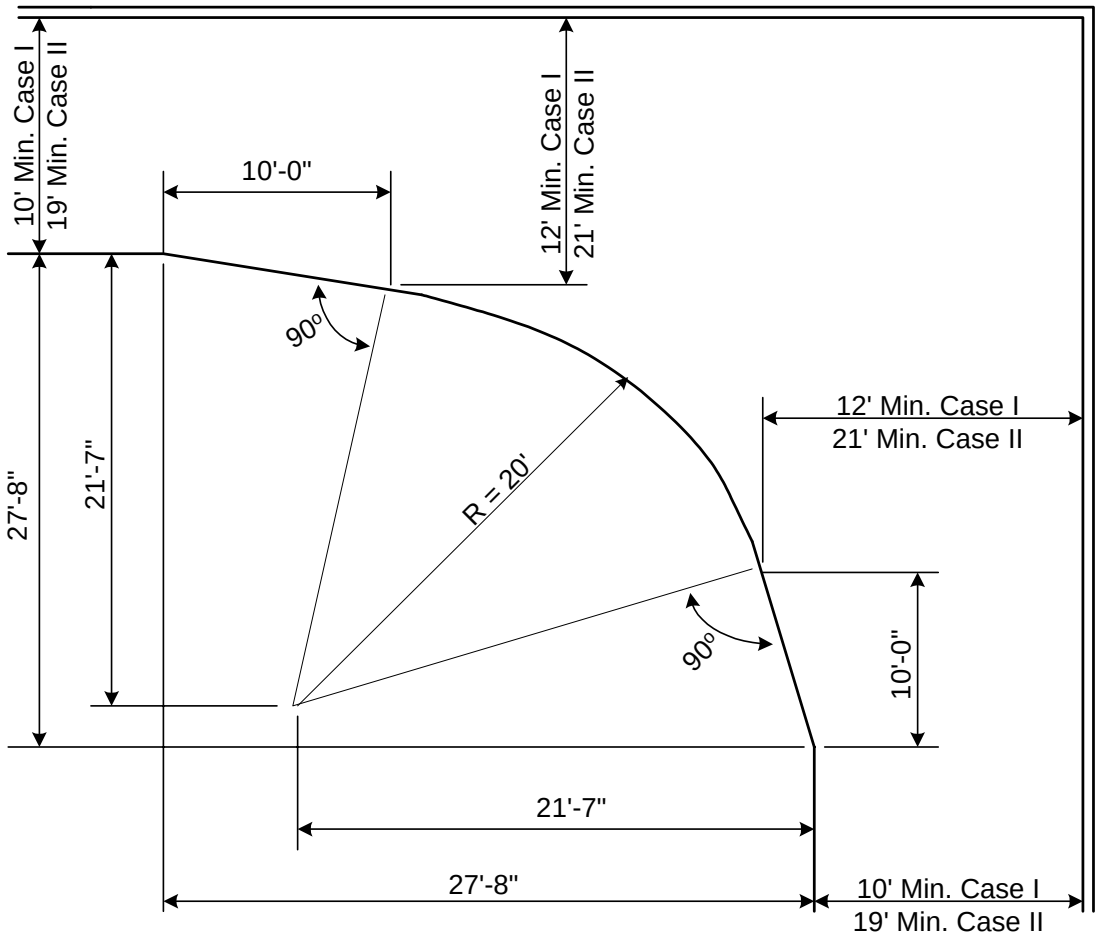
90º Turn

(No Scale)



Case I - One-way traffic or two-way traffic where no more than 25 cars go around the turn.

Case II - Two-way traffic and more than 25 cars go aroung the turn.

FIGURE 7: CIRCULATION DRIVEWAYS

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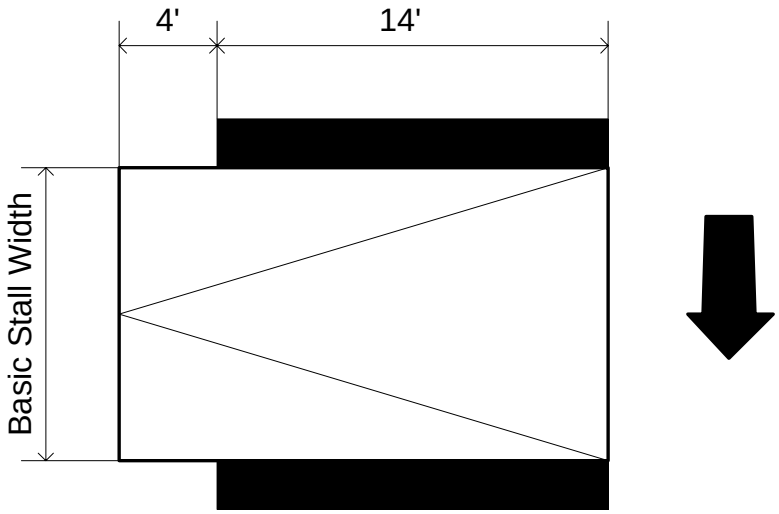

Add 10" to Stall Width if obstruction is in the Shaded Area on one side.
Add 20" if on two sides

FIGURE 8: OBSTRUCTIONS ADJOINING STALLS

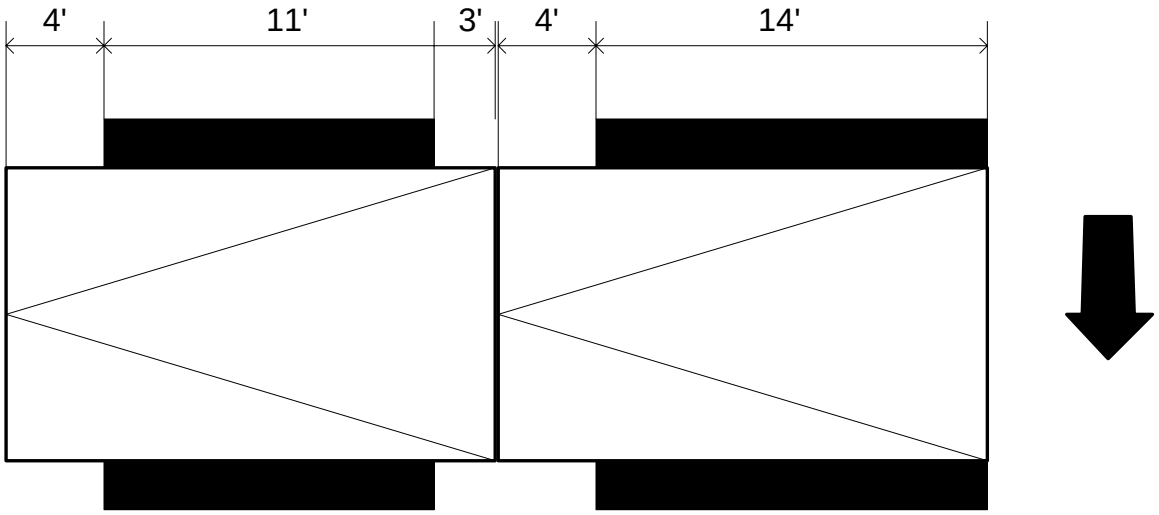

FIGURE 9: OBSTRUCTIONS ADJOINING TANDEM STALLS

Note: Figures 8 and 9 are permitted 90 degree angle parking obstructions.
(Apartment and Condominium units only - Not for 1-2 Family Dwellings Nor Commercial).

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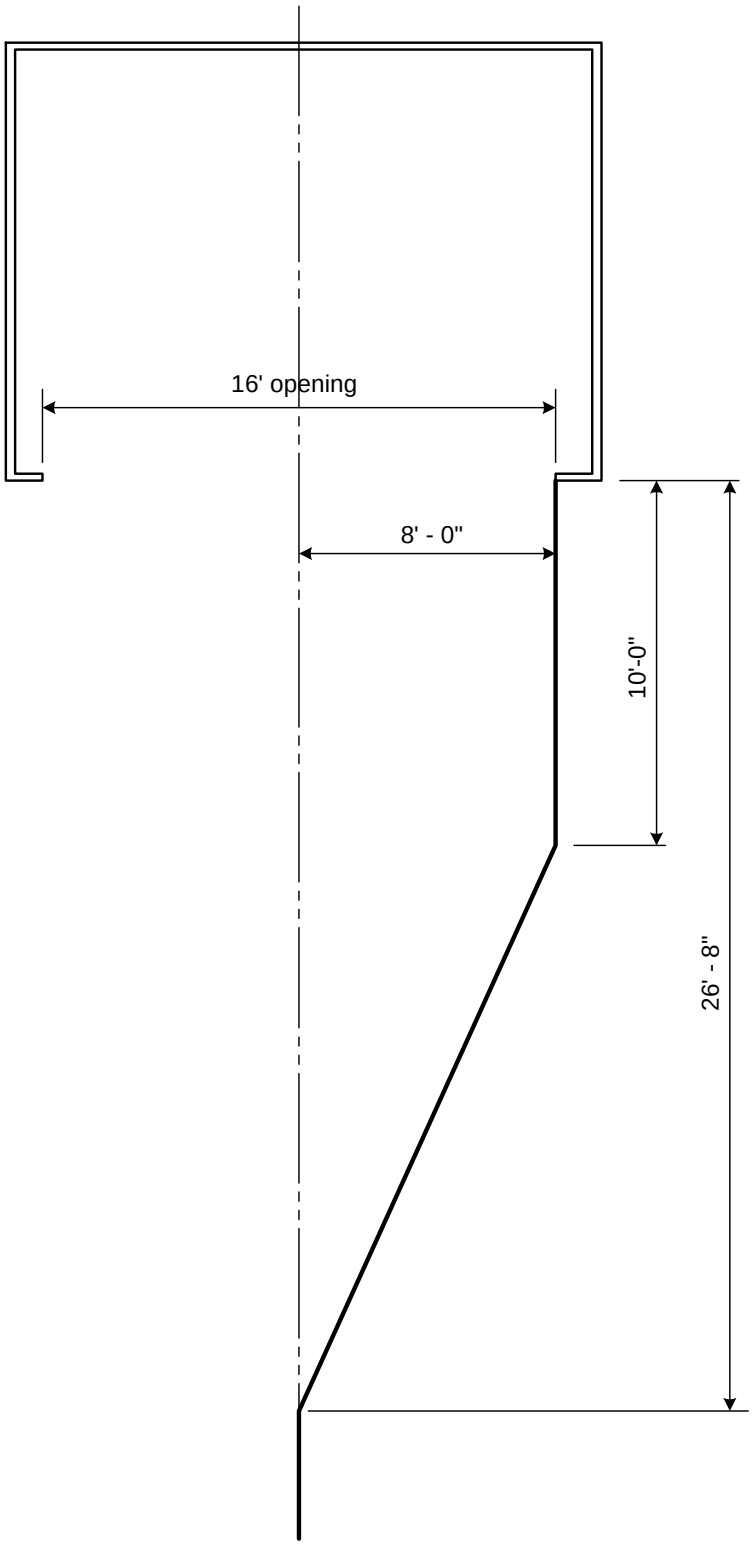

FIGURE 10: RESIDENTIAL GARAGE - TURNING CLEARANCE (FOR SINGLE FAMILY DWELLINGS)

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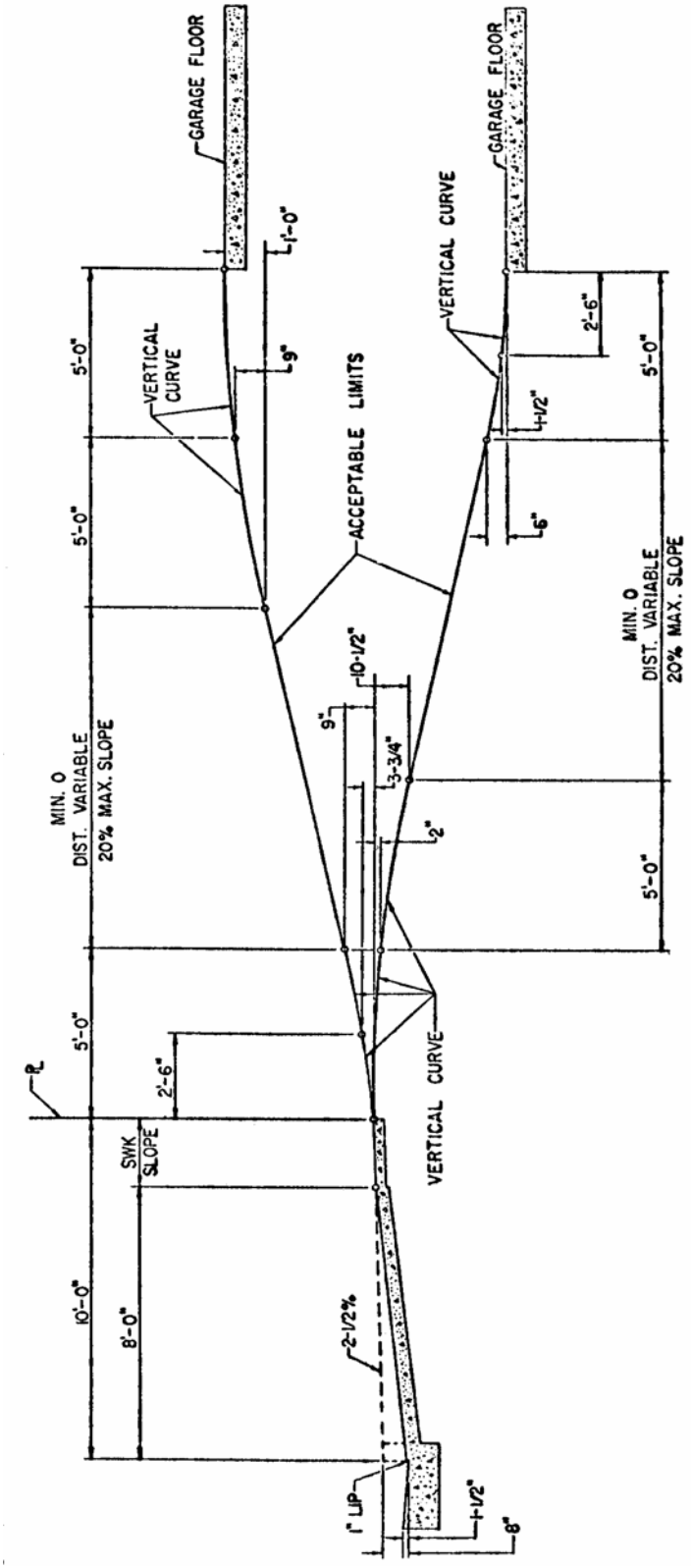

FIGURE 11A: ACCEPTABLE DRIVEWAY SLOPES ON PRIVATE PROPERTY

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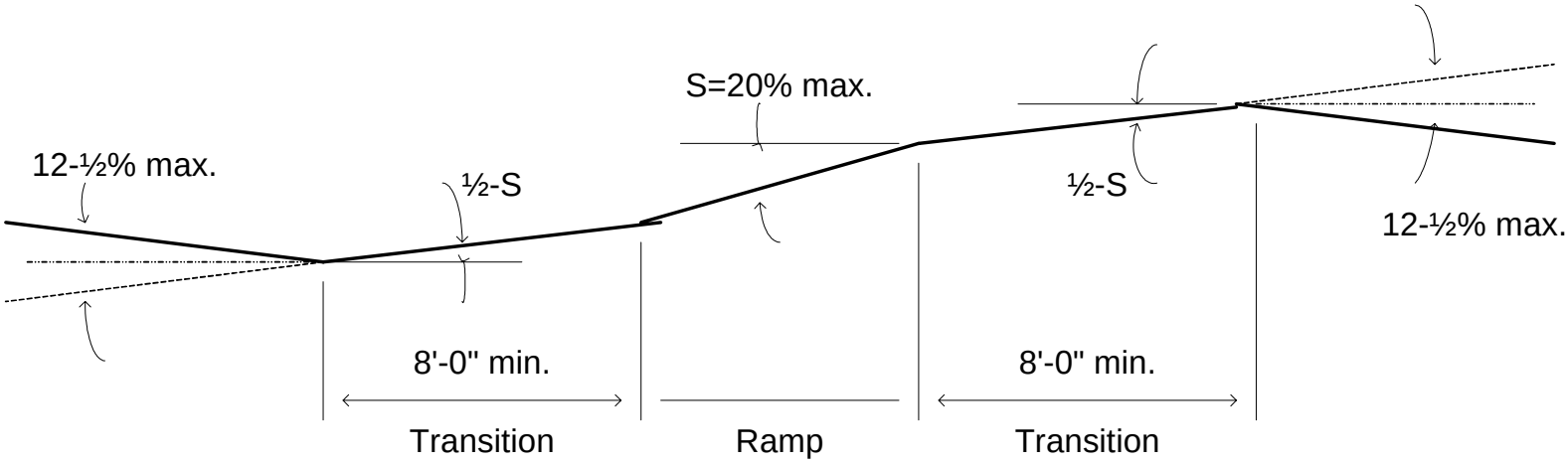

Note:
Where ramp intersects the public way, the transition shall be designed as required by the Department of Public Works.

FIGURE 11B: DRIVEWAY TRANSITIONS (SIMPLIFIED DIAGRAM)

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