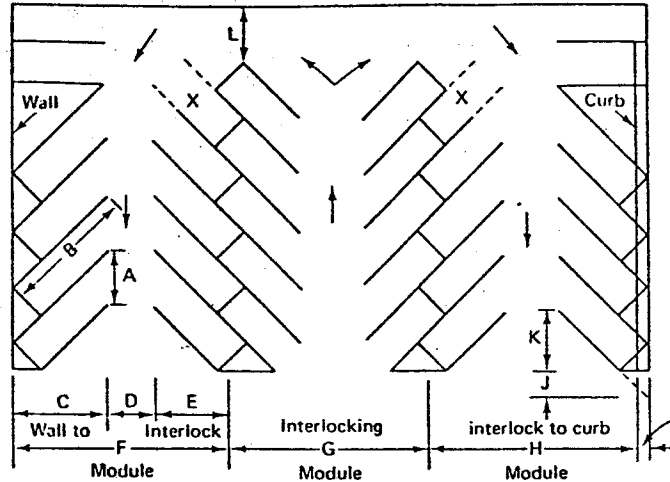




X = Stall not accessible in certain layouts

Parking layout dimensions (in ft) for 8'6" stalls
at various angles

Dimension	80°	70°	60°	50°	45°	40°	30°	20°
A Stall Width, Parallel to Aisle	8' 8"	9' 1"	9' 10"	11' 1"	12' 0"	13' 3"	17' 0"	24' 10"
B Stall Length of Line	21' 6"	23' 1"	25' 0"	27' 2"	28' 6"	30' 2"	34' 9"	43' 4"
C Stall Depth to Wall	21' 2"	21' 8"	22' 0"	20' 9"	20' 2"	19' 4"	17' 4"	14' 10"
D Aisle Width (bet. Stall Lines)	24' 0"	20' 0"	14' 6"	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"
E Stall Depth, Interlock	20' 5"	20' 3"	20' 0"	18' 1"	17' 2"	16' 2"	13' 9"	10' 10"
F Module, Wall to Interlock	65' 7"	61' 11"	56' 6"	50' 10"	49' 4"	47' 6"	43' 1"	37' 8"
G Module, Interlocking	64' 10"	60' 6"	54' 6"	48' 2"	46' 4"	44' 4"	39' 6"	33' 8"
H Module, Interlock to Curb Face	63' 1"	59' 6"	54' 2"	48' 8"	47' 4"	46' 0"	42' 1"	36' 8"
I Bumper Overhang (Typical)	2' 6"	2' 5"	2' 4"	2' 2"	2' 0"	1' 6"	1' 0"	1' 0"
J Offset	0' 3"	1' 1"	2' 10"	4' 7"	6' 0"	7' 9"	12' 9"	21' 11"
K Setback	3' 6"	6' 10"	9' 7"	12' 10"	14' 2"	15' 4"	17' 3"	18' 9"
L Cross Aisle (One-way)	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

- (1) Where bumpers overhang planters or raised walkways, depth of parking stalls may be reduced by Bumper Overhang, I.
- (2) Aisle Width, D, is given for one-way. If two-way is desired, increase to 20' 0" minimum.
- (3) Cross Aisle Width, L, is given for one-way. If two-way is desired, increase to 24' 0" minimum.

ENGINEERING DEPARTMENT

CITY OF MERCED, CALIF

ANGLE PARKING LAYOUT

TC-10

DRAWN:

APPROVED BY:

DATE

ENG.

Steven M. Stroud

6-4-82

REVISED

CITY ENGINEER

SHEET

OF