

## PARKING STALL GEOMETRY DETAIL

SEE STD PLAN NO. R-210 FOR TYPICAL PARKING LAYOUT.														
PARKING ANGLE (DEGREES)	STALL WIDTH PERPENDICULAR TO STALL LINES	STALL WIDTH PARALLEL TO AISLE	LENGTH OF STALL LINE	STALL DEPTH PERPENDICULAR TO AISLE	AISLE WIDTH BETWEEN STALL LINES (SEE NOTE 1)	STALL DEPTH INTERLOCKING	MODULE, WALL TO INTERLOCK	MODULE, INTERLOCK TO INTERLOCK	MODULE, INTERLOCK TO CURB	BUMPER, OVERHANG (TYPICAL)	OFFSET	SETBACK	CROSS AISLE (ONE WAY)	CROSS AISLE (TWO WAY)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	N
45°	9.0	12.7	27.5	19.5	12	16.5	48.0	45	46.0	2.0	6.4	13.1	14	24
	9.5	13.4	27.5	19.5	11	16.5	47.0	44	45.0	2.0	6.4	13.1	14	24
	C	8.0	11.3	22.5	16.0	11				2.0			14	24
	H	13.0	18.3	27.5	19.5	11				2.0			14	24
	V	16.0	22.5	32.0	22.6	12				2.0			14	24
60°	9.0	10.4	23.7	20.5	16	18.5	55.0	53	53.7	2.3	2.6	9.3	14	24
	9.5	11.0	23.7	20.5	15	18.5	54.0	52	51.7	2.3	2.6	9.3	14	24
	C	8.0	9.3	19.5	16.7	14				2.3			14	24
	H	13.0	15.0	23.7	20.5	15				2.3			14	24
	V	16.0	18.5	26.9	23.3	16				2.3			14	24
75°	9.0	9.3	20.9	20.0	23	19.0	62.0	61	59.5	2.5	.6	4.8	14	24
	9.5	9.8	20.9	20.0	22	19.0	61.0	60	58.5	2.5	.6	4.8	14	24
	C	8.0	8.3	17.0	16.3	18				2.5			14	24
	H	13.0	13.5	20.9	20.0	22				2.5			14	24
	V	16.0	16.6	23.2	22.4	24				2.5			14	24
90°	9.0	9.0	19.0	19.0	26	19.0	66	66	66	2.5	0	0	14	24
	9.5	9.5	19.0	19.0	25	19.0	63	63	63	2.5	0	0	14	24
	C	8.0	8.0	15.0	15.0	22				2.5		0	14	24
	H	13.0	13.0	18.5	18.5	25				2.5		11	14	24
	V	16.0	16.0	20.0	20.0	24				2.5			14	24

### NOTES:

1. AISLE WIDTH MAY BE REQUIRED TO BE WIDER IF MULTIPLE UTILITY LINES ARE LOCATED WITHIN THE AISLE CORRIDOR.
2. C = COMPACT SPACE. EACH SPACE SHALL BE IDENTIFIED BY PAINTING "COMPACT" ON PAVEMENT.
3. H = HANDICAP SPACE, SEE WASHINGTON STATE REGULATIONS FOR BARRIER FREE FACILITIES.
4. V = HANDICAP VAN ACCESSIBLE SPACE, SEE WASHINGTON STATE REGULATIONS FOR BARRIER FREE FACILITIES.



APPROVED BY	L. OLIVE
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REF STD SPEC	

**DEPARTMENT OF PUBLIC WORKS  
STANDARD DETAILS**

**PARKING LOT DETAIL**

STANDARD DETAIL  
NUMBER

**R-250**