



θ = Rack orientation angle, in degrees from perpendicular to face of curb

S^* = Rack spacing as measured parallel to curb, from same location on each rack, in inches

D = Minimum distance from face of curb, in inches

B = Minimum width to provide 66" sidewalk clear, outside of bicycle footprint

* The recommended spacing (S) for racks installed at angles of up to 55° maintains 36" spacing between racks, as measured perpendicular to the rack. At angles greater than 55°, the recommended spacing maintains a minimum of 60" between racks, like in parallel installations.

NOTES:

1. See dwg. for required setbacks from obstructions.
2. All dimensions are minimums and should be exceeded where possible, depending on site-specific conditions.
3. All dimensions are measured from the center of the rack flange to the leading edge of the obstruction.
4. U Rack installed per manufacture

Spacing of Inverted U-Racks Installed on Diagonal
(16.5" rack width, 24" x 76" parked bike footprint)

θ	S^*	D	B
15°	37"	41"	95"
25°	40"	40"	94"
35°	44"	39"	93"
45°	51"	37"	91"
55°	63"	34"	88"
65°	76"	32"	86"
75°		29"	83"
85°		26"	80"

Typical

