

- $\Theta$  = 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.

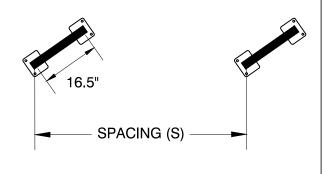
## Spacing of Inverted U-Racks Installed on Diagonal (16.5" rack width, 24" x 76" parked bike footprint)

Typical

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

## NOTES:

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



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**ENGINEERING DIVISION** 

B-A02 BIKE RACK

**ANGLED** 

APPROVED BY: SN APPROVE DATE 1/

DETAIL CODE

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