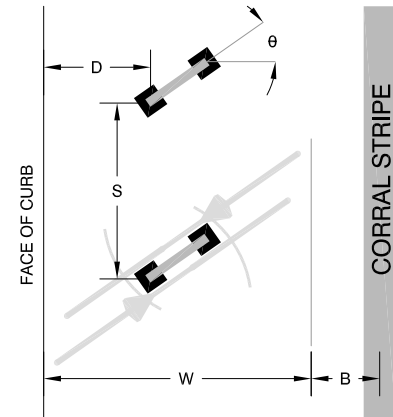


INVERTED U-RACKS

| U-Racks (16.5" Flange-to-flange, 24" x 76.5" Parked Bike Footprint) | | | | |
|---|-------|-------|-------|-------|
| Θ | S | W | D | B |
| 0° | 36" | 76.5" | 30" | 7.5" |
| 15° | 37.5" | 74.5" | 29.5" | 9.5" |
| 25° | 39.5" | 71.5" | 28.5" | 12.5" |
| 35° | 44" | 67" | 26.5" | 17" |
| 40° | 47" | 64" | 26" | 20" |
| 45° | 51" | 61" | 24.5" | 23" |
| Parallel to FC | 60" | 24" | 12" | 60" |



Θ = Rack Orientation angle, in degrees from perpendicular to face of curb.

S = Rack spacing, in inches from center of flange to center of flange, parallel to face of curb.

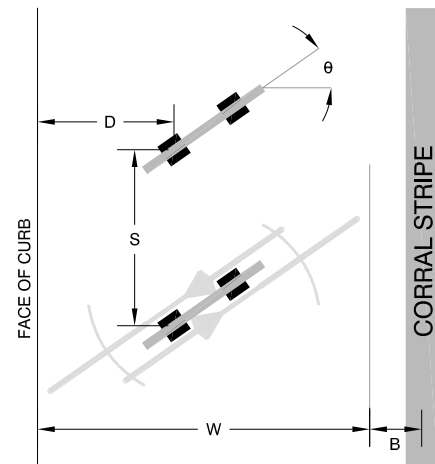
W = Width of bicycle footprint extension into roadway, in inches from face of curb.

D = Minimum distance from face of curb, in inches from face of curb to center of rack flange.

B = Buffer distance from footprint to corral edge, in inches from extent of bicycle footprint to corral stripe (NOTE: Corrals with U-racks are 7' wide from face of curb to corral stripe).

CIRCULAR RACKS

| Circular Racks (18" Flange-to-flange, 24" x 94" Parked Bike Footprint) | | | | |
|--|-------|-------|-------|-------|
| Θ | S | W | D | B |
| 0° | 36" | 94" | 38" | 2" |
| 15° | 37.5" | 91.5" | 37" | 4.5" |
| 25° | 39.5" | 87.5" | 35.5" | 8.5" |
| 35° | 44" | 81.5" | 33.5" | 14.5" |
| 40° | 47" | 77.5" | 32" | 18.5" |
| 45° | 51" | 73.5" | 30.5" | 22.5" |
| Parallel to FC | 76" | 24" | 12" | 72" |



Θ = Rack Orientation angle, in degrees from perpendicular to face of curb.

S = Rack spacing, in inches from center of flange to center of flange, parallel to face of curb.

W = Width of bicycle footprint extension into roadway, in inches from face of curb.

D = Minimum distance from face of curb, in inches from face of curb to center of rack flange.

B = Buffer distance from footprint to corral edge, in inches from extent of bicycle footprint to corral stripe (NOTE: Corrals with circular racks are 8' wide from face of curb to corral stripe).



CITY OF OAKLAND

BUREAU OF ENGINEERING AND CONSTRUCTION
BICYCLE FACILITIES PROGRAM
250 FRANK H. OGAWA PLAZA, SUITE 4344 * OAKLAND CA, 94612
(510) 238-3466 * FAX (510) 238-7415

BICYCLE RACK SPACING GUIDE

SHEET 3 OF 6

**BIKE CORRAL
DETAILS**

SCALE: NTS

DWG. NO.

DATE: JUL 2016

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