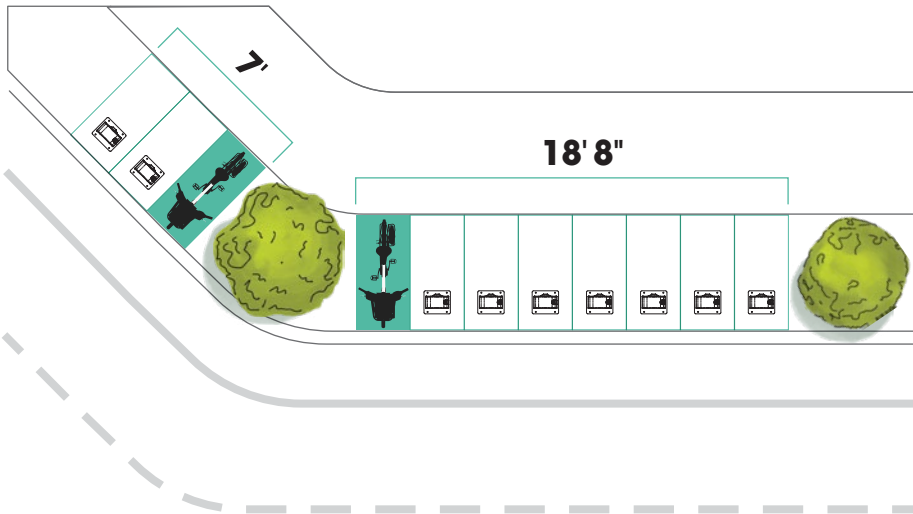
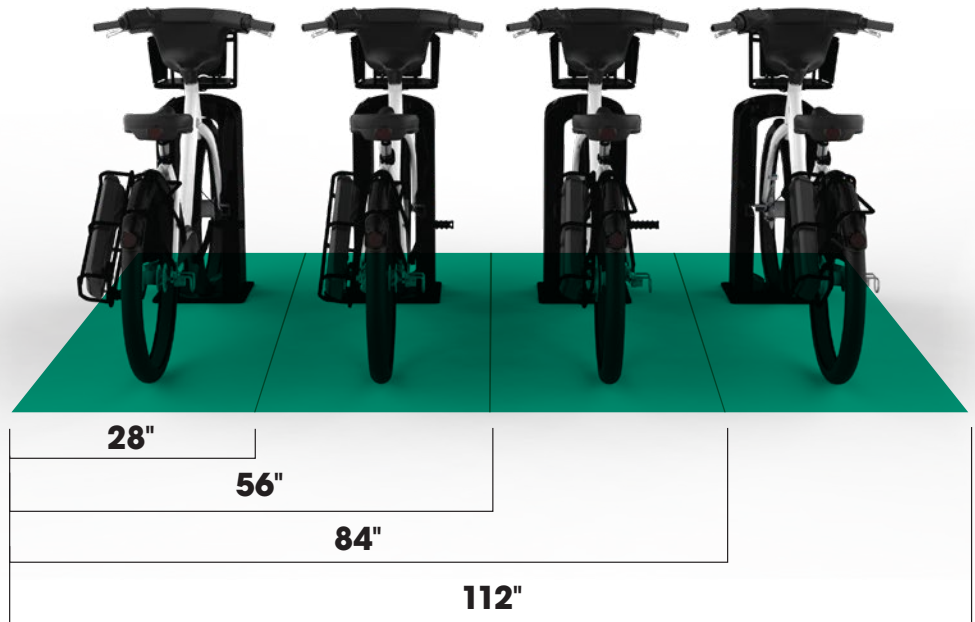
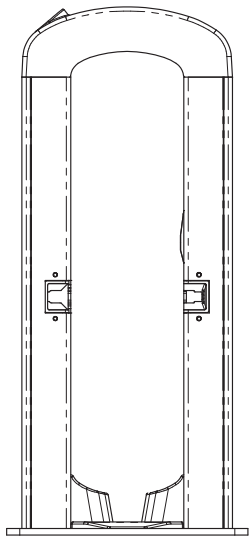




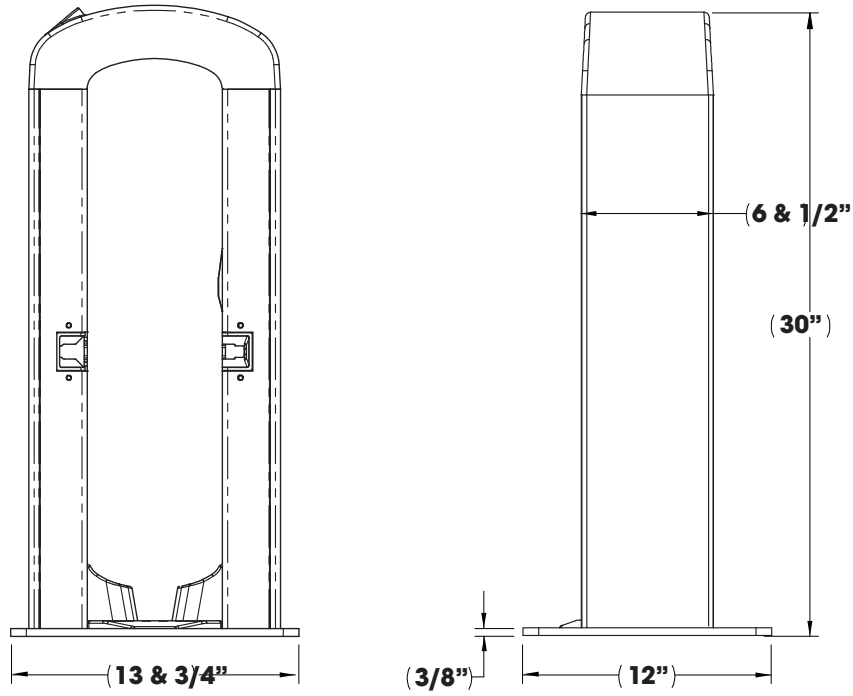
3.0 STATION PLANNING



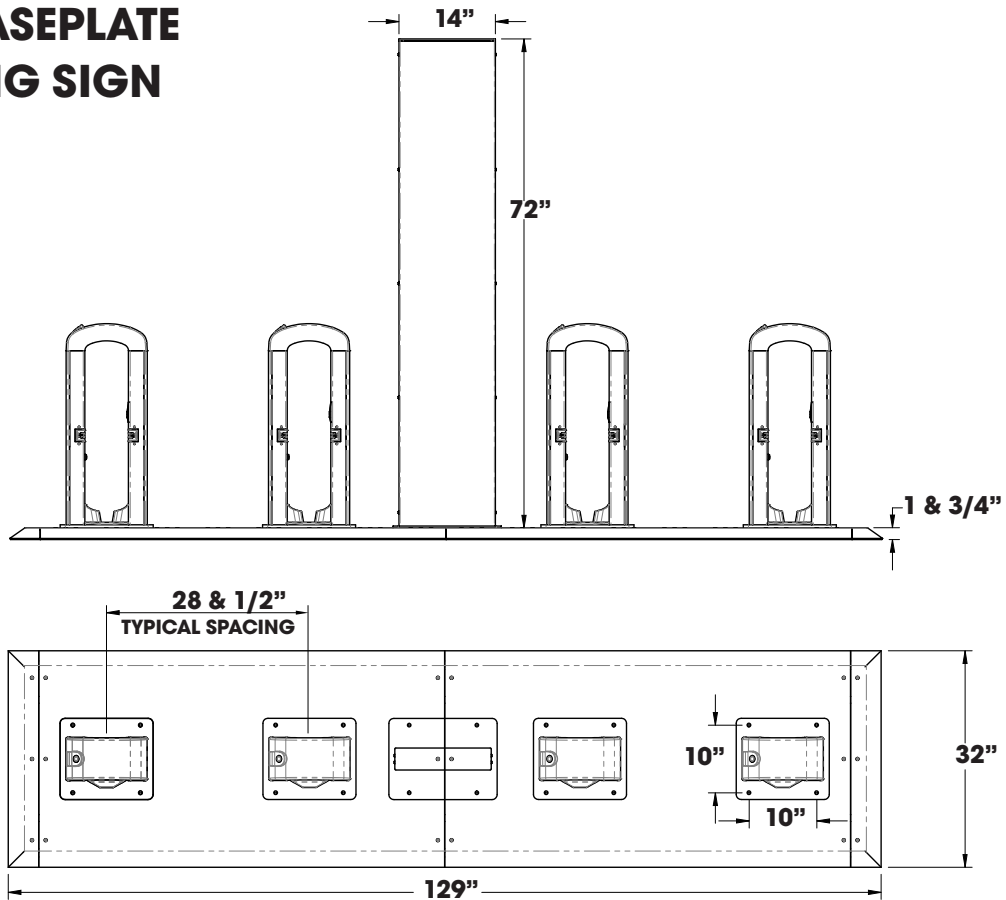
QUICK KEY:

# OF DOCKS	MIN. WIDTH
5	140" (11' 8")
6	168" (14')
7	196" (16' 4")
8	224" (18' 8")
9	252" (21')
10	280" (23' 4")
11	308" (25' 8")
12	336" (28')

3.0 DIMENSIONS



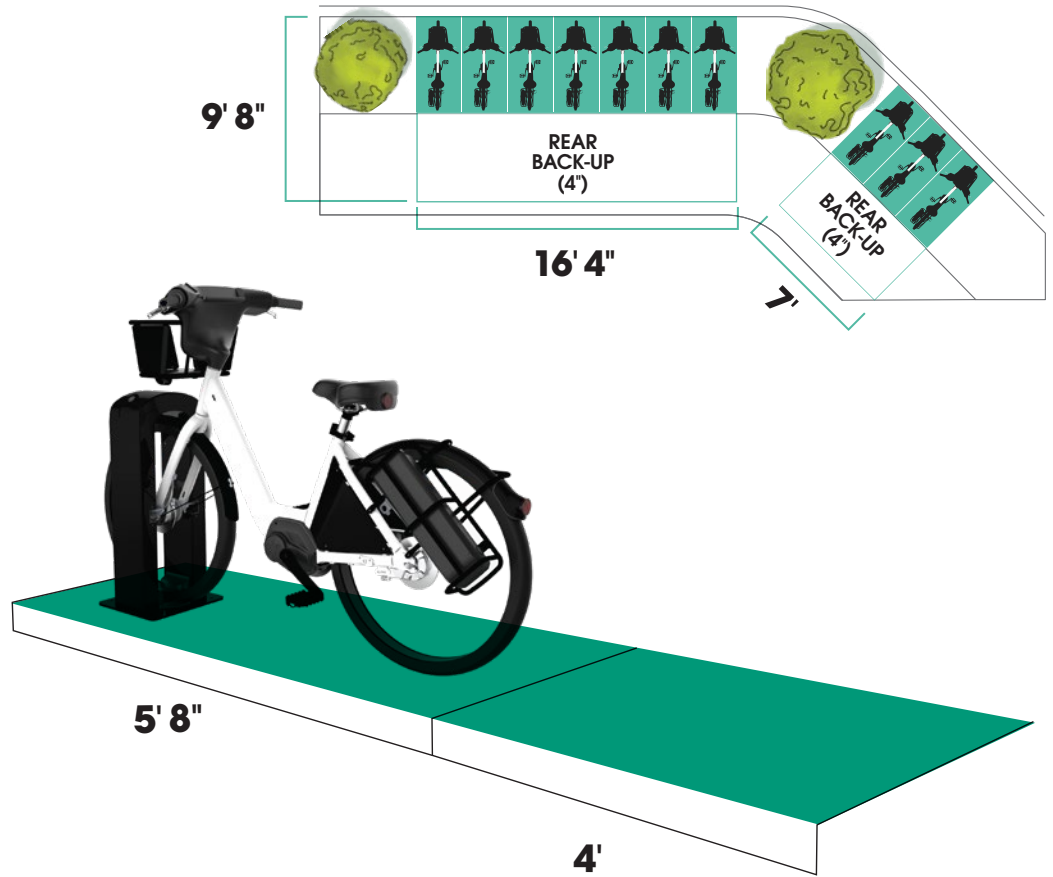
OPTIONAL BASEPLATE & WAYFINDING SIGN



STATION DEPTH

- Single-sided stations must have at least 5'8" of space (this includes a 6" front tire overhang) plus a recommended 4' back-up zone totaling 9'8".

- Double-sided stations must have at least 8'6" of space plus a recommended 4' back-up zone on each side totaling 16'6".

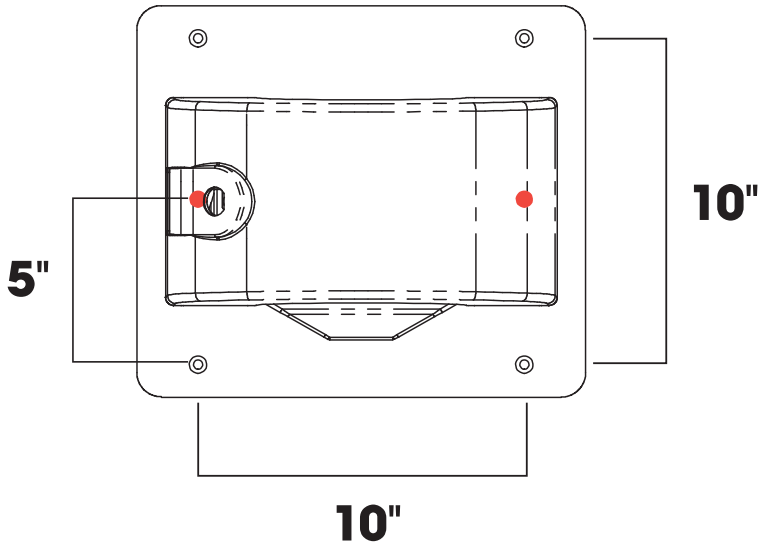


22.5° TO STREET (SPACE SAVER)

- Docks can be rotated 22.5 degrees to reduce footprint depth by 4-5"



INSTALLING THE DOCK INTO CONCRETE



Mounting Holes:

There are 4 external holes that are equally spaced out by 10".

In red, you will find two additional hidden holes (within the leg) that can be used for added security, but are not required.

SUGGESTED INSTALL TOOLS



Tools:

- T25 security torx hand driver
- M18 Fuel SDS+ Rotary Hammer*
- M18 Fuel 2spd impact driver

* We Strongly recommend the use of a "Rotary Hammer" over a "Hammer Drill" due to its harder preforming Hammer aspect, cutting drill time in half.

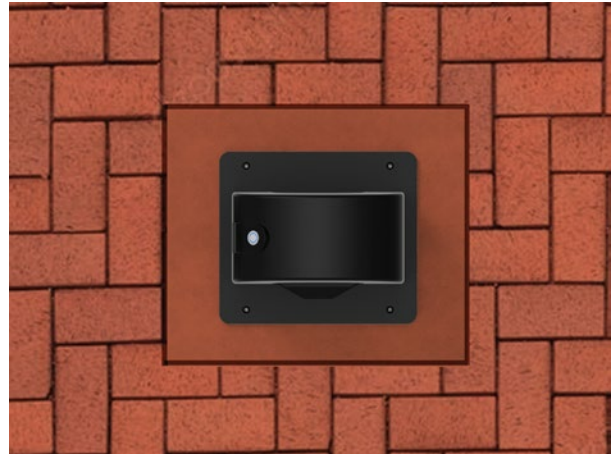
Bits & Hardware:

- 2 3/4" x 1/4" tapcon concrete screws (security torx)
- 3/16" x 8" Masonry SDS+ Bit
- T27 security torx impact bit

INSTALLING INTO PAVERS & ASPHALT

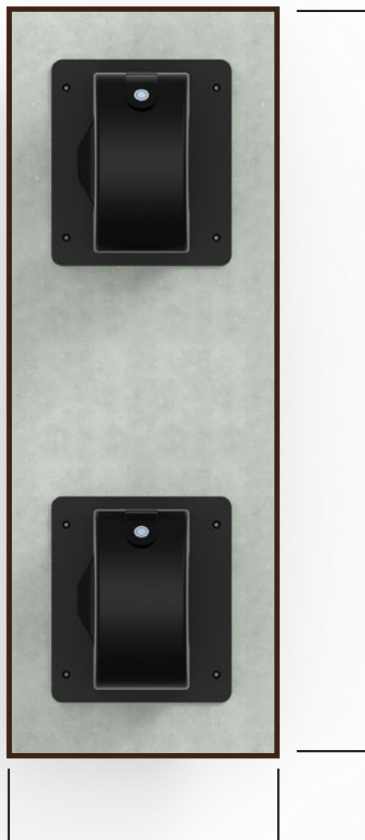
The only difference here is that you will need to pour concrete pads*. BCycle suggests offsetting the pad at least 4" from the mounting holes to ensure the concrete won't crumble around the edges (See diagram to the right).

*We highly recommend using a concrete that meets or exceeds 2500 psi.



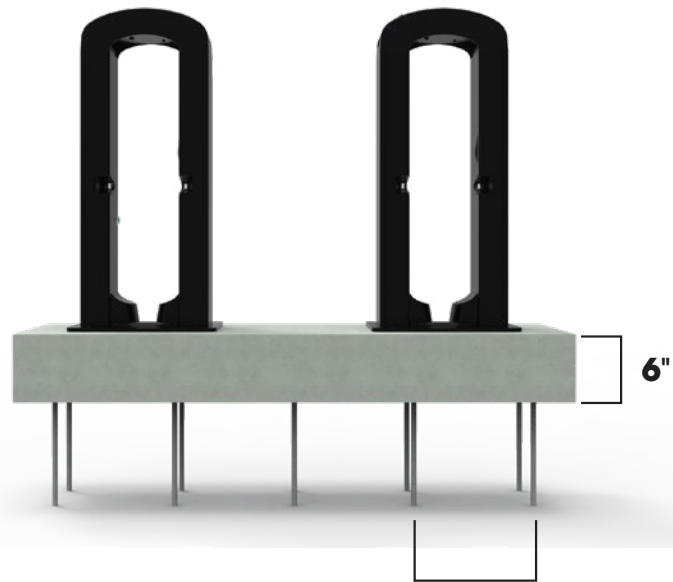
SUGGESTED CONCRETE PAD SPEC'S

Below are the suggested dimensions for a concrete pad to withhold maximum force on dock. For maximum effectiveness with pavers, we suggest using rebar spikes.



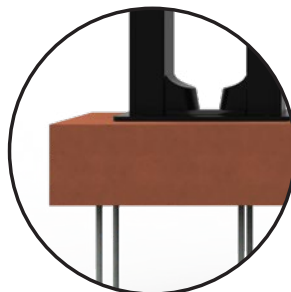
49 & 3/4"

18"



6"

11"



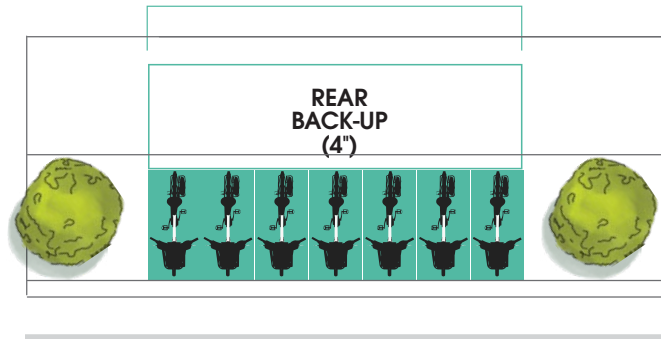
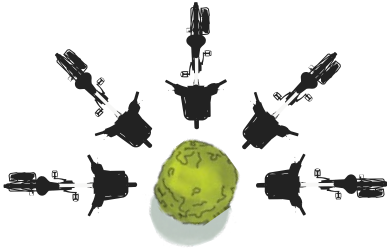
OPT'L COLOR ADDITIVES:

Dye can be added to the concrete to make it coexist with existing foundation (shown in brick red).

CONFIGURATION EXAMPLES:

PERPENDICULAR TO STREET (TYPICAL)

16' 4"



QUICK KEY

STATION WIDTH

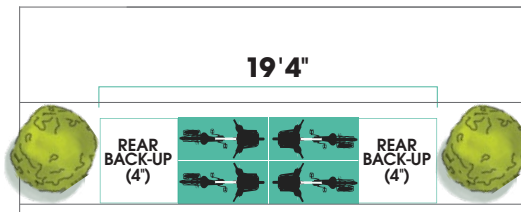
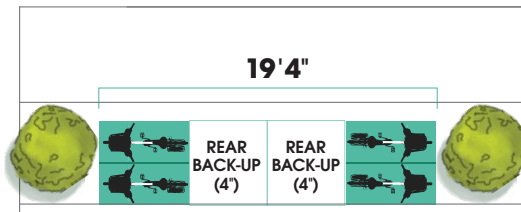
# OF DOCKS	MIN. WIDTH
1	28" (2' 4")
2	56" (4' 8")
3	84" (7')
4	112" (9' 4")
5	140" (11' 8")
6	168" (14')
7	196" (16' 4")
8	224" (18' 8")
9	252" (21')
10	280" (23' 4")
11	308" (25' 8")
12	336" (28')

STATION DEPTH

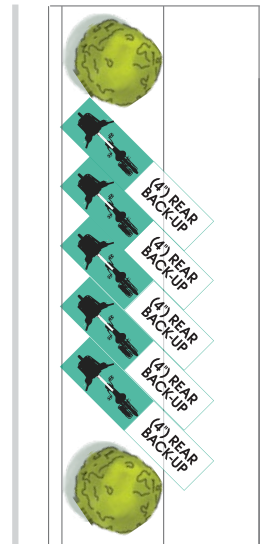
The depth of the dock with a bike is 5'8"

4 feet minimum needed behind the bike for the rear back up zone

PARALLEL TO STREET (ATYPICAL)



45° TO STREET (SPACE SAVER)



MOCK-UPS





DOCK

Dimensions	13 & 3/4" x 12" x 30 & 1/4"
Color	Black
Integrated Base and Leg Material	Aluminum
Exposed Fasteners	Bryce security - Proprietary tool - Stainless Steel
Top Cap Material	ASA (ABS like material with higher UV resistance, less yellowing and greater mechanical strength)
Manual latch release	SouthCo - Tubular key cam lock with T0001 key standard
HMI	Piezo switch with multi-color LED
Striker & Tire Guides / Wheel Chock	Glass filled nylon 6

INTERNAL COMPONENTS

Latches	SouthCo (stainless steel) - R4-EM outdoor rated (IP54)
Battery	Lithium Ion - Rechargeable
RFID Reader (Bike)	LF
RFID Reader (User)	LF/HF
PCB Main Board	Custom modular board design
Antenna	Antenova LTE antenna w/ u.FL connector
Embedded Modem	Quectel BG95 M3 ! LTE module for multi-regional use - Cat M1/NB2
Communication protocol	Cellular CAT M1/NB
Firmware Capabilities	OTA & USB

AFTERMARKET ADD-ONS

Static Wayfinding	Aluminum / Dual sided / Vinyl graphic application / 14" x 72"
Non-Bolted Baseplate	Aluminum plates / steel ballast / 4 bike single-sided. 6 bike dual-sided
Additional Battery	Doubles battery life, plugs directly into PCB board
BBT Module	Modular electronics, plugs directly into PCB board / Plug 'n' Play