

### 03 / DESIGN OVERVIEW

Our proposed design consists of a multi-component ring which is wider than the current NYC racks, thus offering *multiple* points of contact around the bicycle. This unique diamond-shaped form provides increased stability *and* multiple locking possibilities. In addition, the tapered geometry accommodates bikes of all sizes, providing adequate space for handlebars, pedals and seats.



### 05 / MATERIALS & COMPONENT IDENTIFICATION : SECONDARY

2 pieces are added to the primary casting in post consumer recycled HDPE (high density polyethylene) ideally diverted from NYC's wastestream. It is inexpensive, weather-resistant, and shatter-proof

A wear resistant channel at the top protects both bicycles and the unit. It can be attached with tamper-proof screws, and replaced if necessary without replacing the entire unit

a "cover" made of bent sheet could have the DOT / NYC or the "I bike NY" logo silkscreened on it, thus creating a proprietary, NYC-branded rack. Alternately, these covers can also be customized with a BID logo or even with advertising, which could amortise the cost of the rack.

