Bicycle Rack Campus Guidelines

Sheet: 1 of 3

SIDE ELEVATION VIEW

NOTES:
1. ALL STEEL TO BE HOT-DIPPED GALVANIZED.
2. SPRAY ALL JOINTS WITH GALVANIZED SPRAY AFTER WELDING.
3. OVERALL WIDTH MAY VARY BY 2", OVERALL RADIUS MAY VARY BY 1".

2-3/8" OD, SCHED. 40 PIPE, .154" THICK, TYP.
BASE PLATE FLATBAR, TYP.

PLAN VIEW

NOTES:
1. HOOP SPACING FOR ALL RACKS TO BE 30" OC.
2. PROVIDE MOUNTING HOLES AT BASE PLATE FLATBAR.

BICYCLE RACK LENGTHS

<table>
<thead>
<tr>
<th># OF HOOPS</th>
<th>BIKE CAPACITY</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4</td>
<td>36&quot;</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>66&quot;</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>96&quot;</td>
</tr>
</tbody>
</table>
1. SURFACE MOUNT ON CONCRETE SLAB OR RECESS RACK AND MOUNT ON ISOLATED FOOTING.
2. RECESSED RACKS MAY USE BRICK PAVERS, CONCRETE MOSAIC OR ROCK/ GRAVEL TO CONCEAL BASE PLATE; HOWEVER, VERTICAL DISTANCE BETWEEN FINISHED PAVED SURFACE AND TOP OF RACK SHALL NOT BE LESS THAN 32".
3. BICYCLES ARE APPROXIMATELY 6 FT IN LENGTH AND IDEALLY FOR MAXIMUM STABILITY CENTERED ON RACK TO RECEIVE SUPPORT AT TWO PLACES ACROSS FRAME WHEN PARKED. PREFERABLY, PAVEMENT PATTERNS MAY SUGGEST THIS PLACEMENT BY INDICATING A PATTERN APPROXIMATELY 2 FT ON EITHER SIDE AND APPROXIMATELY 1 FT ON ENDS. SEE DRAWING ABOVE.
4. ALTHOUGH RACKS ARE DESIGNED FOR CENTER RACK PLACEMENT, COMMON USAGE MAY INVOLVE SUPPORT AND ENGAGEMENT OF FRONT WHEEL ONLY. DESIGNERS SHOULD PLAN FOR ALTERNATIVE ALBEIT NOT IDEAL PLACEMENT ALLOWING ADDITIONAL SPACE SO PASSAGE OF TRAFFIC (FOOT, BIKE, OR VEHICLE) IS NOT IMPEDED. SEE SECTION DRAWING ABOVE.
PAVING & RACK PLACEMENT NOTES:
1. SURFACE MOUNT ON CONCRETE SLAB OR RECESS RACK AND MOUNT ON ISOLATED FOOTING.
2. RECESSED RACKS MAY USE BRICK PAVERS, CONCRETE MOSAIC OR ROCK/ GRAVEL TO CONCEAL BASE PLATE; HOWEVER, VERTICAL DISTANCE BETWEEN FINISHED PAVED SURFACE AND TOP OF RACK SHALL NOT BE LESS THAN 32".
3. BICYCLES ARE APPROXIMATELY 6 FT IN LENGTH AND IDEALLY FOR MAXIMUM STABILITY CENTERED ON RACK TO RECEIVE SUPPORT AT TWO PLACES ACROSS FRAME. PREFERABLY, PAVEMENT PATTERNS MAY SUGGEST THIS PLACEMENT BY INDICATING A PATTERN APPROXIMATELY 2 FT ON EITHER SIDE AND APPROXIMATELY 1 FT ON ENDS. SEE DRAWING ABOVE.
4. ALTHOUGH RACKS ARE DESIGNED FOR CENTER RACK PLACEMENT, COMMON USAGE MAY INVOLVE SUPPORT AND ENGAGEMENT OF FRONT WHEEL ONLY. DESIGNERS SHOULD PLAN FOR ALTERNATIVE ALBEIT NOT IDEAL PLACEMENT ALLOWING ADDITIONAL SPACE SO PASSAGE OF TRAFFIC (FOOT, BIKE OR VEHICLE) IS NOT IMPEDED. SEE SECTION DRAWING ABOVE.