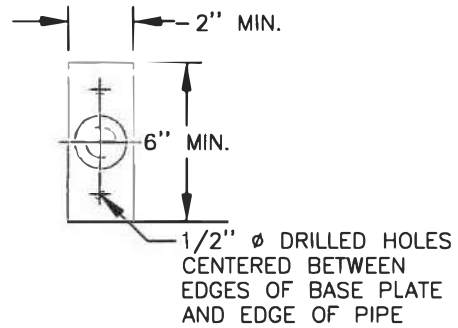
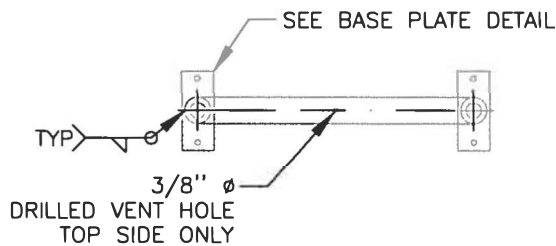


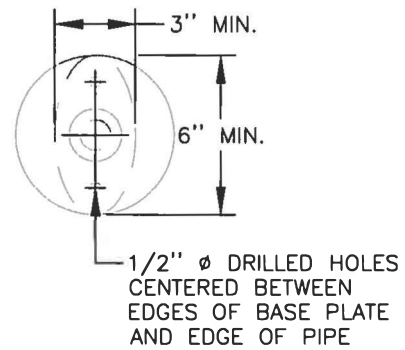
FRONT VIEW



BASE PLATE DETAIL



TOP VIEW




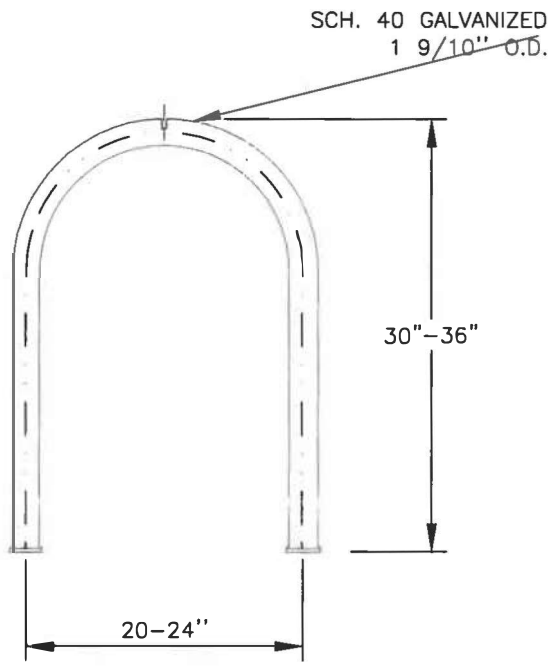
ALT BASE PLATE DETAIL  
(CIRCULAR OR OVAL PLATE)

GENERAL NOTES:

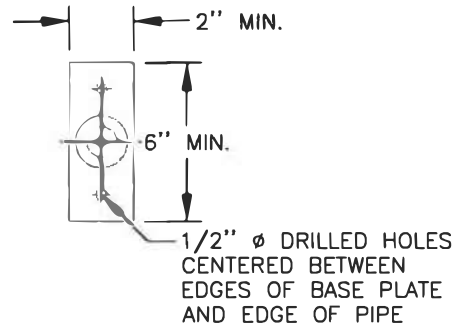
1. RACK INSTALLATION METHOD SHALL COMPLY WITH CITY STANDARD DETAIL ST-21, ST-22, OR ST-23.
2. RACK PLACEMENT SHALL BE AS SHOWN ON THE DRAWINGS.
3. BASE PLATES TO BE 1/4" PLATES, ASTM A-36 OR AISI 1010-1018, GALVANIZED.

SCALE: NTS

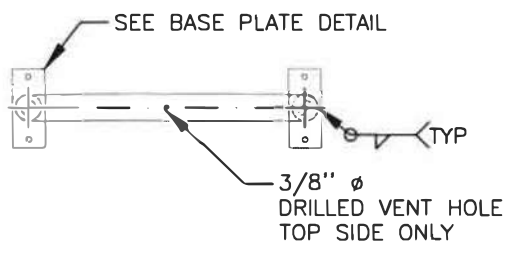
RECORD SIGNED COPY ON FILE  APPROVED  01-28-21 DATE  THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL.	<h1>CITY OF ROUND ROCK</h1>  <h2>CLASS II STYLE BICYCLE PARKING</h2>	DRAWING NO: ST-19 SHEET 1 of 1  
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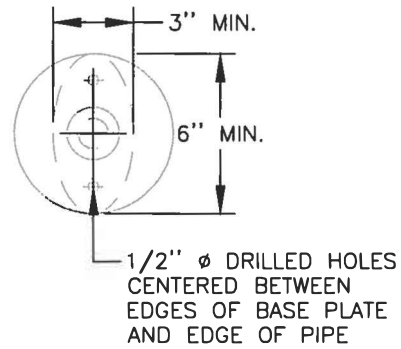
FRONT VIEW



BASE PLATE DETAIL



TOP VIEW

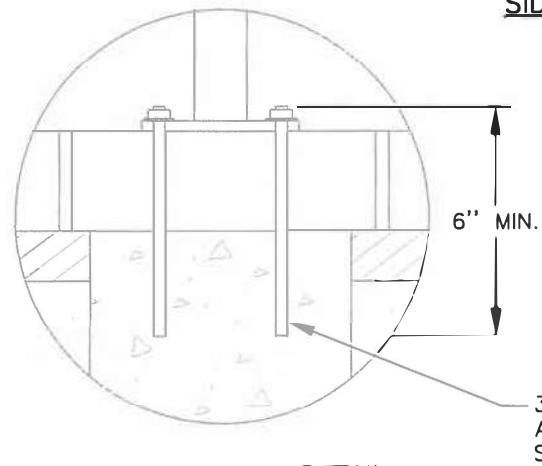
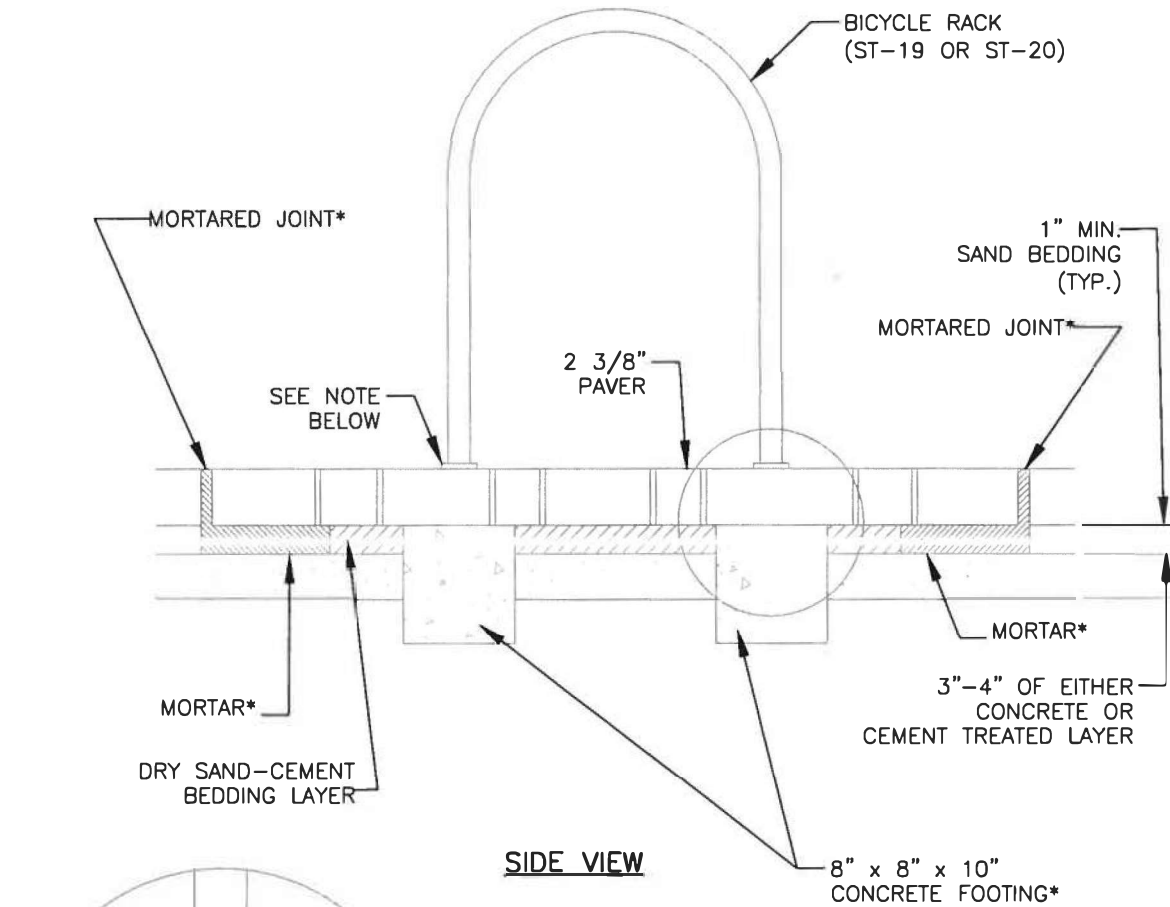


ALT BASE PLATE DETAIL  
(CIRCULAR OR OVAL PLATE)

GENERAL NOTES:

1. RACK INSTALLATION METHOD SHALL COMPLY WITH CITY STANDARD DETAIL ST-21, ST-22, OR ST-23.
2. RACK PLACEMENT SHALL BE AS SHOWN ON THE DRAWINGS.
3. BASE PLATES TO BE 1/4" PLATES, ASTM A-36 OR AISI 1010-1018, GALVANIZED.

<b>RECORD SIGNED COPY ON FILE</b>  <b>APPROVED</b>  <u>01-28-21</u> <b>DATE</b>  <small>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL.</small>	<h1 style="margin: 0;">CITY OF ROUND ROCK</h1>  <h2 style="margin: 0;">CLASS III STYLE BICYCLE PARKING</h2>	<b>SCALE: NTS</b> <b>DRAWING NO:</b> <b>ST-20</b> <b>SHEET 1 of 1</b>  
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**SIDE VIEW**


**MOUNTING BOLT DETAIL**

3/8"  $\phi$  x 6"  
ANCHOR BOLTS EPOXIED IN PLACE.  
SEE NOTES 7-10 ON SHEET 2 OF 2.

SCALE: NTS

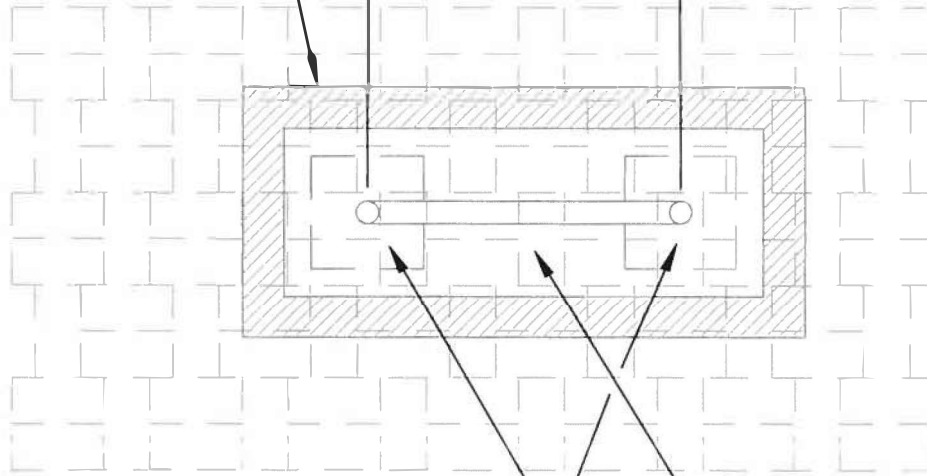
RECORD SIGNED COPY  
ON FILE  
APPROVED  
01-28-21  
DATE  
THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR THE APPROPRIATE  
USE OF THIS DETAIL.

**CITY OF ROUND ROCK**  
**BICYCLE RACK INSTALLATION IN  
CONCRETE PAVER  
SIDEWALK-ALTERNATE 1**

DRAWING NO:  
ST-21.1  
SHEET 1 of 2  


PAVERS WITH MORTAR\*  
BEDDING LAYER – FIRST FULL  
UNITS AWAY FROM FOOTINGS

FOR DIMENSIONS  
SEE DETAIL  
ST-18 OR ST-19



8" x 8" x 10" CONCRETE FOOTING\*

PAVERS WITH DRY SAND-  
CEMENT MIXTURE

TOP VIEW

CONSTRUCTION SEQUENCE:

1. PLACE BICYCLE RACK ON PAVERS AND MARK LOCATIONS OF BOLT HOLES AND REMOVE BICYCLE RACK.
2. DRILL THE HOLE LOCATIONS. IF CONCRETE IS HIT BELOW THE SAND (REMOVE CARRIAGE RETURN) CEMENT LAYER, ABOUT 4" DOWN THEN SKIP TO TO STEP 10. IF CONCRETE IS NOT PRESENT BELOW PAVERS PROCEED TO STEP 3 AS FOOTINGS WILL HAVE TO BE INSTALLED.
- \*\*3. IDENTIFY LOCATION OF FOOTING.
- \*\*4. MARK AND REMOVE EXISTING PAVERS THAT ARE THE FIRST FULL UNITS AWAY FROM FOOTING LOCATIONS, PLACE MORTAR BEDDING LAYER, MORTAR THE JOINT AND REPLACE/COMPACT THE "MARKED" PAVERS IN APPROPRIATE LOCATIONS.
- \*\*5. MARK AND REMOVE EXISTING PAVERS FROM LOCATION ABOVE FOOTING LOCATIONS.
6. EXCAVATE FOR FOOTINGS AND PLACE CLASS "A" CONCRETE CONCRETE.
7. PLACE DRY SAND-CEMENT BEDDING LAYER, REPLACE THE "MARKED" PAVERS IN APPROPRIATE POSITIONS AND COMPACT THE PAVERS IN PLACE.
8. PLACE BICYCLE RACK ON PAVERS AT APPROPRIATE LOCATIONS AND RE-MARK BOLT HOLES.
9. DRILL BOLT HOLES THROUGH THE PAVERS INTO THE CONCRETE FOOTINGS.
10. INSTALL ANCHOR BOLTS AND EPOXY THEM IN PLACE.
11. INSTALL BICYCLE RACK AND BOLT IN PLACE.
12. TO PREVENT THEFT OF BICYCLE RACK OR BIKES, EXPOSED BOLTS MUST BE DEFORMED AND NUTS RE-TIGHTENED TO PREVENT THEM FROM BEING EASILY UNTHREADED. NUTS SHOULD BE TESTED TO ENSURE THAT THEY CANNOT BE EASILY REMOVED AFTER DEFORMATION.


\* IF NECESSARY, SEE CONSTRUCTION SEQUENCE FOR DETAILS

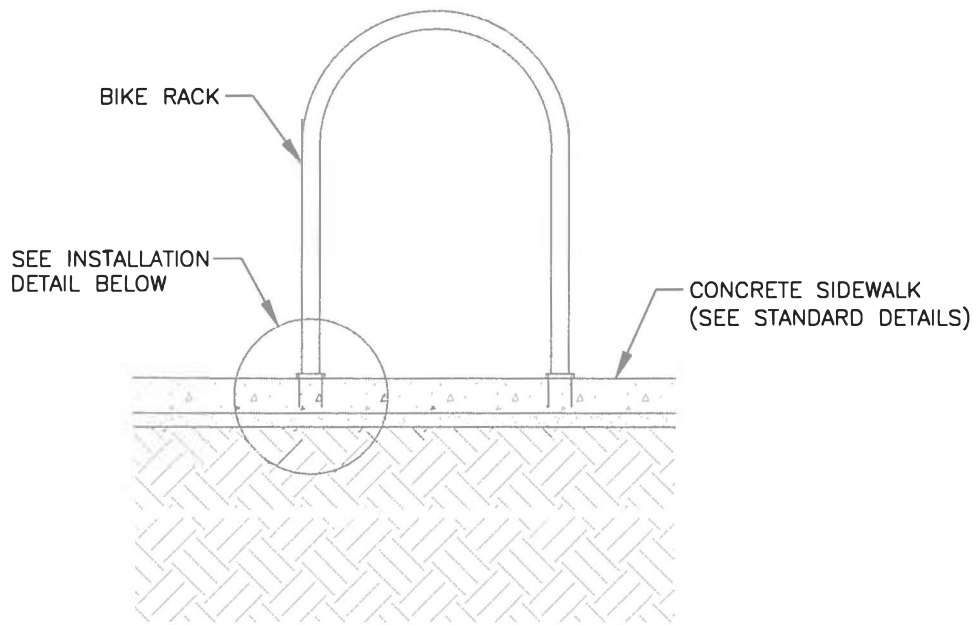
\*\* THESE STEPS ARE REQUIRED FOR EXISTING PAVER SIDEWALKS TO MAINTAIN STRUCTURE AND STABILITY OF ADJOINING PAVERS.

DRY SAND-CEMENT BEDDING PLACEMENT:

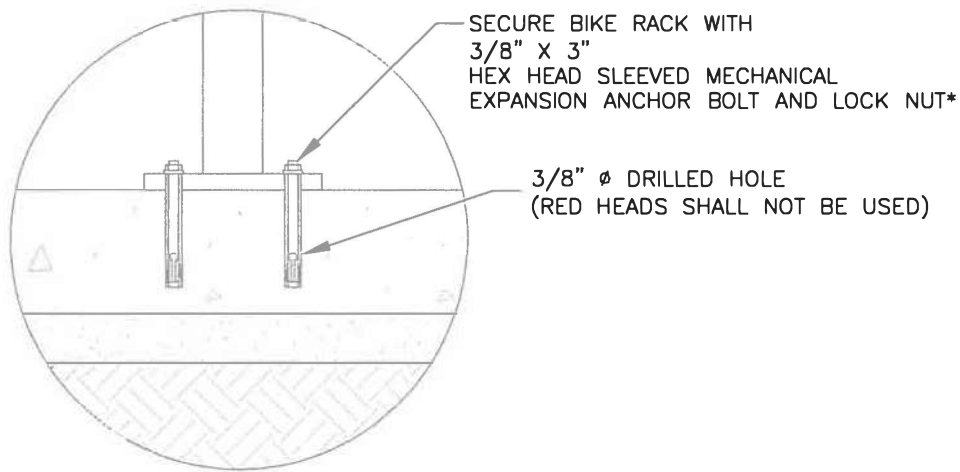
1. MATERIAL COMPOSED OF ONE PART CEMENT AND 3 PARTS SAND.
2. THE DRY MIXTURE SHALL BE LIGHTLY WETTED PRIOR TO PLACEMENT OF PAVERS.
3. AFTER COMPACTION OF PAVERS, JOINTS SHALL BE FILLED WITH DRY SAND-CEMENT.
4. THE COMPLETED JOINTS SHALL BE FOGGED LIGHTLY WITH WATER.

SCALE: NTS

<p>RECORD SIGNED COPY ON FILE</p> <hr/> <p>APPROVED</p> <hr/> <p>01-28-21 DATE</p>	<p><b>CITY OF ROUND ROCK</b></p> <p><b>BICYCLE RACK INSTALLATION IN CONCRETE PAVER SIDEWALK-ALTERNATE 1</b></p>	<p>DRAWING NO: ST-21.2 SHEET 2 of 2</p> 
<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL.</p>		



**BASIC INSTALLATION**




**INSTALLATION DETAIL**

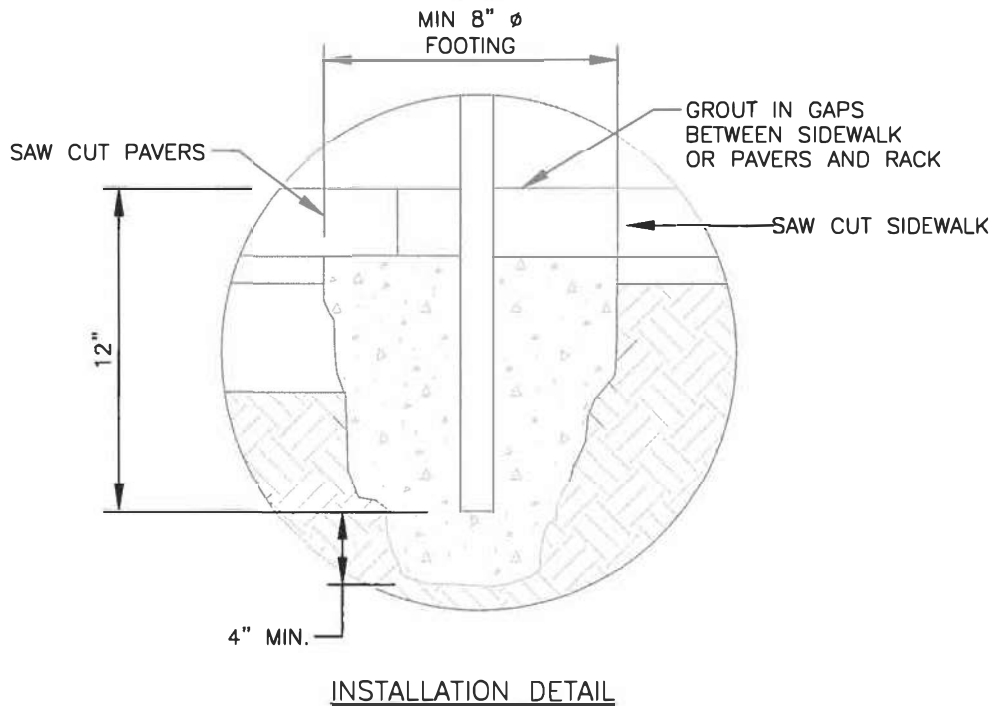
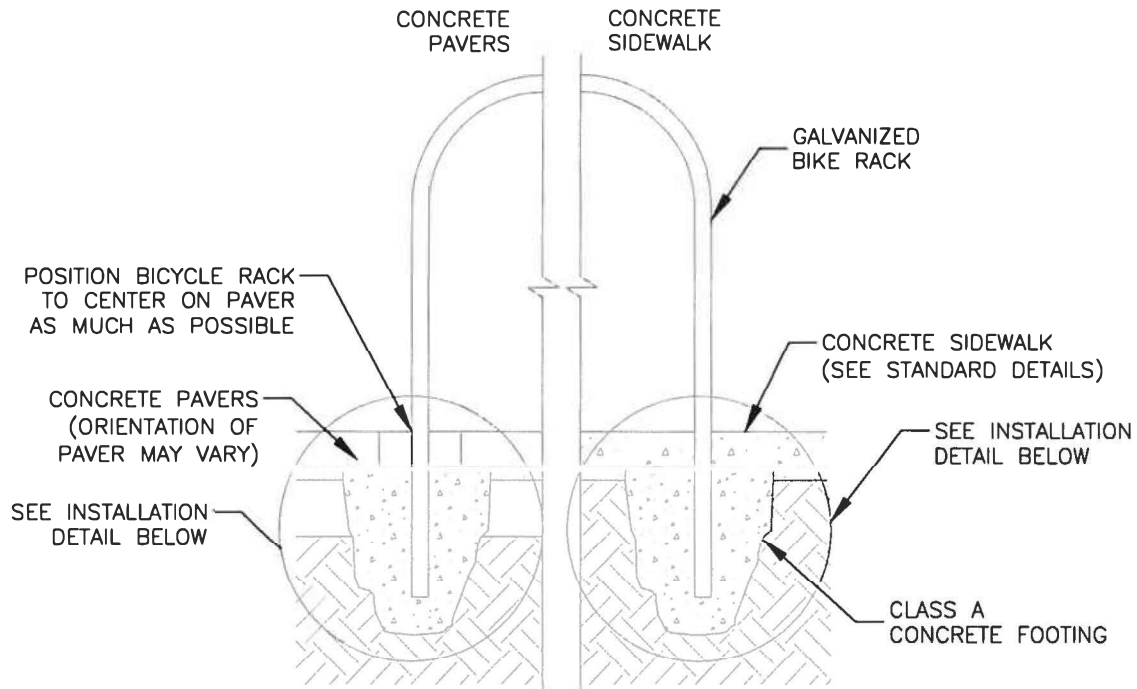
**GENERAL NOTES:**

1. RACKS SHALL COMPLY WITH CITY STANDARD DETAIL ST-19 OR ST-20.
2. RACK PLACEMENT SHALL BE AS SHOWN ON THE DRAWINGS.

\*TO PREVENT THEFT OF BICYCLE RACK OR BIKES, EXPOSED BOLTS MUST BE DEFORMED AND NUTS RE-TIGHTENED TO PREVENT THEM FROM BEING EASILY UNTHREADED. NUTS SHOULD BE TESTED TO ENSURE THAT THEY CANNOT BE EASILY REMOVED AFTER DEFORMATION.

**SCALE: NTS**


<b>RECORD SIGNED COPY ON FILE</b>  <b>APPROVED</b>  <b>01-28-21</b>  <b>DATE</b>	<b>CITY OF ROUND ROCK</b>	<b>DRAWING NO: ST-22 SHEET 1 of 1</b>
<b>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL.</b>	<b>BICYCLE RACK INSTALLATION IN CONCRETE SIDEWALK-ALTERNATE 1</b>	



**GENERAL NOTES:**

1. RACKS SHALL COMPLY WITH CITY STANDARD DETAIL ST-19 OR ST-20.
2. RACK PLACEMENT SHALL BE AS SHOWN ON THE DRAWINGS.

**SCALE: NTS**

RECORD SIGNED COPY ON FILE APPROVED	<b>CITY OF ROUND ROCK</b>	DRAWING NO: ST-23 SHEET 1 of 1
01-28-21 DATE	<b>BICYCLE RACK INSTALLATION IN SIDEWALKS-ALTERNATE 2</b>	
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL.		