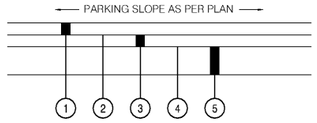


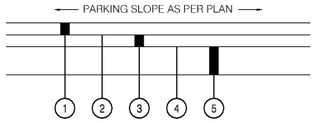
1. 2" TYPE S-9.5B SURFACE COURSE
2. 4" TYPE I-19.0B INTERMEDIATE ASPHALT COURSE.
3. TACK COAT
4. 6" AGGREGATE BASE COURSE (ABC)
5. SUBGRADE TO BE COMPACTED PER SOILS REPORT
6. PROOF-ROLL (PER SOILS REPORT)

HEAVY DUTY ASPHALT PAVING DETAIL

NTS

NOTE: THIS DETAIL TO BE UTILIZED IN AREAS OUTSIDE OF PARKING SPACES.

SEE SOILS REPORT FOR PAVEMENT DESIGN INFORMATION



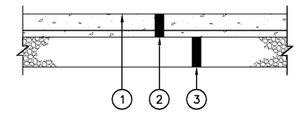
1. 1-1/2" TYPE S-9.5B SURFACE COURSE
2. 2-1/2" TYPE I-19.0B INTERMEDIATE ASPHALT COURSE.
3. TACK COAT
4. 6" AGGREGATE BASE COURSE (ABC)
5. SUBGRADE TO BE COMPACTED PER SOILS REPORT
6. PROOF-ROLL (PER SOILS REPORT)

LIGHT DUTY ASPHALT PAVING DETAIL

NTS

NOTE: THIS DETAIL TO BE UTILIZED IN CAR PARKING SPACES ONLY.

SEE SOILS REPORT FOR PAVEMENT DESIGN INFORMATION



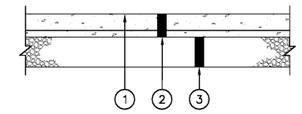
1. MEDIUM BROOM FINISH
2. 6" CONCRETE PAVEMENT, 28 DAY MIN COMPRESSION STRENGTH OF 4,000 PSI W/ 6 x 6 10-10 WWM (PER SOILS REPORT)
3. 6" AGGREGATE BASE COURSE (ABC)

LIGHT DUTY CONCRETE PAVEMENT DETAIL

NTS

NOTE: THIS DETAIL TO BE UTILIZED IN AREAS OUTSIDE OF ENTRANCE DRIVEWAY APRONS AND DUMPSTER PAD.

SEE SOILS REPORT FOR PAVEMENT DESIGN INFORMATION



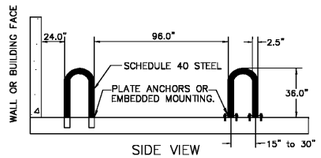
1. MEDIUM BROOM FINISH
2. 8" CONCRETE PAVEMENT, 28 DAY MIN COMPRESSION STRENGTH OF 4,000 PSI W/ 6 x 6 10-10 WWM (PER SOILS REPORT)
3. 6" AGGREGATE BASE COURSE (ABC)

LIGHT DUTY CONCRETE PAVEMENT DETAIL

NTS

NOTE: THIS DETAIL TO BE UTILIZED IN DRIVEWAY APRONS AND DUMPSTER PADS ONLY.

SEE SOILS REPORT FOR PAVEMENT DESIGN INFORMATION



SIDE VIEW

PLAN VIEW

NOTES:

1. BIKE RACKS SHOULD BE INSTALLED AS PER MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.
2. ALTERNATIVE BIKE RACKS OR LOCKERS MAY BE USED BUT ARE SUBJECT TO APPROVAL BY THE CHARLOTTE DEPARTMENT OF TRANSPORTATION.
3. ALL DIMENSIONS SHOWN ARE MINIMUM.
4. PLACEMENT SHOULD BE CANE DETECTABLE AND PLACED OUTSIDE PEDESTRIAN ACCESS ROUTE.

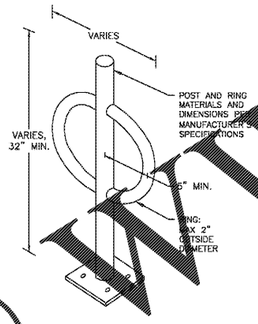
NOT TO SCALE

CHARLOTTE.

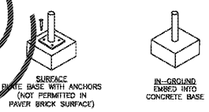
CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ

INVERTED "U" RACK FOR BICYCLE PARKING

STD. NO. 50.20 | REV. 13



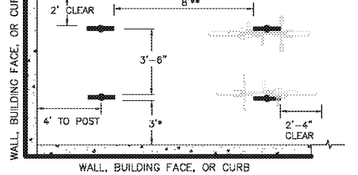
TYPICAL MOUNT OPTIONS:



NOTES:

1. BIKE RACK GENERAL REQUIREMENTS:
   - SHOULD SUPPORT THE BICYCLE UPRIGHT WITHOUT PUTTING STRESS ON THE WHEELS
   - SHOULD ACCOMMODATE A VARIETY OF BICYCLES AND ATTACHMENTS
   - SHOULD ALLOW LOCKING OF FRAME AND AT LEAST ONE WHEEL WITH U-LOCK
   - SHOULD PROVIDE STABILITY AND LONGEVITY FEATURES APPROPRIATE FOR THE INTENDED LOCATION
   - SHOULD BE INTUITIVE
2. BIKE RACKS SHOULD BE INSTALLED PER MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.
3. ALTERNATIVE BIKE RACKS OR LOCKERS MAY BE USED BUT ARE SUBJECT TO APPROVAL OF THE CHARLOTTE DEPARTMENT OF TRANSPORTATION.
   ALL DIMENSIONS SHOWN ARE MINIMUM.
   RACK MUST BE CANE DETECTABLE. RACK AND CLEARANCES SHOWN ARE TO BE OUTSIDE THE PEDESTRIAN ACCESSIBLE ROUTE.

INSTALLATION PLAN VIEW:



* 5' MINIMUM SEPARATION FROM CURB FACE WHEN INSTALLED ADJACENT TO A CURB WITH "HEAD-IN" AUTOMOBILE PARKING

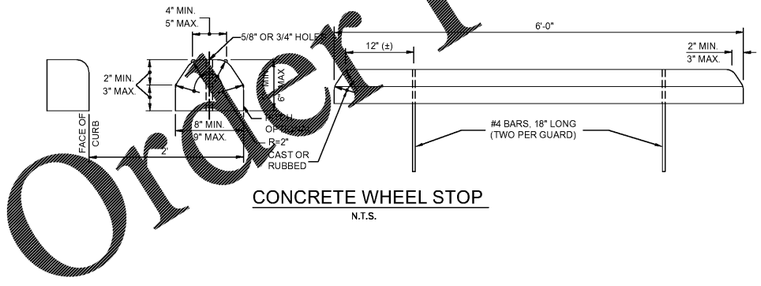
** MEASURED FROM NEAREST VERTICAL COMPONENT OF NEIGHBORING RACK

CHARLOTTE.

CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ

POST AND RING BIKE RACK

STD. NO. 50.21 | REV. 15



CONCRETE WHEEL STOP

N.T.S.

301V, Bike-Shell Bike Locker, 1 Bike Cap., 54"L x 30"Wf x 4"Wb x 74"H, Padlock Handle

Model #301V Bike-Shell Vertical Bike Locker - with integrated floor with rear wheel holder to support bicycle and all installation hardware. Park bikes vertical in a wedge shaped locker.

Bicycle Capacity: 1 bike capacity per locker.

Dimensions: 74"H X 30"WF X 4"WB X 54" Deep

Features: Locking System: Chrome T-Handle Lock with 3 keys per lock and internal locking bar system (standard). Padlock Handle Lock (no charge option) replaces standard lock. Padlocks not included.

Standard Color: Tan or Medium Grey

Molded one piece FRP Composite bike locker. The construction of fiberglass reinforced plastic is highly resistant to impact, stains and will not corrode.

High security with standard key locks recessed in door face and internal locking bar system.

Wedge design provides ultimate flexibility of locker placement at many sites.

Structure and Finish:

Locker shall be manufactured of molded fiberglass reinforced plastic composite with a solid color stipple texture finish. Material shall be E-glass and polyester resin at 35% ratio. Tensile Strength, 18,000 psi. Locker shall be one piece with no external or internal frame and no seams or joints on tops or side walls. Material shall withstand over 300 lb/sqft on roof and 200 lb/sqft on walls/doors. No on site assembly shall be required.

Roof shall be crowned for water run off and all corners shall have a smooth radiused finish. Finish of UV stabilized gelcoat does not need painting, allows solvent removal of graffiti and is resistant to impact and U.V. damage. Two standard colors, Tan & Medium Gray. Custom colors matched to your color sample. Interior divider wall on model 302 shall be sealed OSB exterior board and bottom edge shall be a minimum of 1" above ground level.

Locks and Hardware: Chicago ACI II, 7 pin tumbler Pop Out "T" handle locks with three keys and removable lock cylinders. Internal locking hardware consists of three plated hardened steel cams controlling an extruded aluminum locking bar which engages the door frame over three foot span. High quality custom continuous door hinge will not rust. All fasteners on locking system shall be zinc plated or better. Locker shall anchor in all four corners through base flanges using expansion anchors.

CED CORNELISON ENGINEERING & DESIGN, INC.
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38039 OLD 5TH AVENUE, ZEPHYRHILLS, FL 33542
TEL: 813-788-7835 FAX: 813-788-7062
WWW.CORNELISON-ENG.COM
CERTIFICATE OF AUTHORIZATION 4591

NORTH CAROLINA PROFESSIONAL SEAL 037118 ENGINEER CRAIG L. CORNELISON

9-18-17

CRAIG L. CORNELISON, P.E.
NORTH CAROLINA LICENSE NUMBER: PE037118

NORTH CAROLINA CORNELISON ENGINEERING & DESIGN, INC. NO. C-3793 CERTIFICATE OF AUTHORIZATION

REVISIONS:

CONTRACT DATE:
BUILDING TYPE: MED 54
PLAN VERSION:
SITE NUMBER: 311687
STORE NUMBER: 436563

TACO BELL

3923 SHAKEDOWN STREET
CHARLOTTE, NC 28216

LIVE MAS
MEDIUM 54

CONSTRUCTION DETAILS

C10

This item has been digitally signed and sealed by Craig L. Cornelison, PE. On 09/27/2016.
Printed copies of this document are not considered signed and signature must be verified on any electronic copies.

PLOT DATE: 9-18-17