

Heavy Duty 3-Bike Wave Bike Rack, 2 3/8" OD Model: 536-1001
Specifications Page 1

Product Details:
 Dimensions Length 18.38" / Depth 2.375" / Height 36" (46" In Ground) / Mounting Plates 6"
 Weight Surface Mount: 32-lbs In-ground: 36-lbs
 Styling Contemporary
 Capacity Holds 3 Bikes
 Finish Durable baked-on powder coat, high-grade galvanized steel, or electrostatically oven cured SealGuard™
 Construction Heavy-Duty 2 3/8" O.D. Steel

Mounting Types:
 Surface: Bolts through bottom plate into pre-drilled concrete into ground anchors. Use appropriate length and size bolt for local requirements.
 IG = In-Ground: Embedded in hole filled with concrete. Depth of the hole varies depending on local code.
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Specifications Page 2

BIKE RACK DETAIL

616.8.10 (TA-10) Lane Closure on Two-Lane Highways With Edgelines Using Flaggers - MT

SPEED (mph)	SIGN SPACING (ft.)	SHOULDER (ft.)	LANE (ft.)	OPTIONAL BUFFER LENGTH (ft.)	CHANNELIZER SPACING (ft.)	WORK AREAS
0-35	200	-	-	280	-	40
40-45	350	-	-	400	-	80
50-55	500	-	-	560	-	80
60-70	1000	-	-	840	-	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

TA-10 1/18

TRASH ENCLOSURE (BY OTHERS)
NOT TO SCALE
** CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR CONSTRUCTION OF TRASH ENCLOSURE

PLAN
 12'-6"
 11'-5"
 6"- CONC. FILLED FENCE POST
 4"- HIGH CONCRETE FILLED PIPE BOLLARD
 6"- CONC. SLAB W/ 6x6 WT. 4x4x1.4 WWF
 17'-0"

ELEVATION
 4" SOLID CMU CAP
 8" SPLIT-FACE CMU BLOCK, PAINT GLIDDEN "GRIMMY GREY" (A2007)
 6"- CONC. FILLED FENCE POST
 VINYL GATE W/ LATCH

USPS APPROVED SPECIFICATIONS - CONCRETE PAD (MULTIPLE UNIT)

CLUSTER BOX UNIT (CBU) -ANCHORING METHODS-

CBU's must be level and mounted firmly in concrete, using one of the following methods.

- The J-bolt method is the preferred method of installation of CBU's on concrete pads; however, the J-bolt pattern must be accurate with the CBU pedestal plate. When using J-bolts, in order to prevent any damage or accidents that could result from the exposed bolts, consideration should be given as to the time lapse between pouring the concrete and the actual installation. Expansion anchors must be installed in accordance with the manufacturer's instructions.
- The use of anchor bolts for the installation of CBU's on concrete pads is also acceptable as long as the methods described below are followed.
 - Hilti Kwik bolt II, 1/2" diameter X 5-1/2" overall length
Catalog Number: 000-453-696, KB II 12-512
Stainless Steel Catalog Number: 000-454-744
Minimum embedment in concrete must be no less than 3-1/2"
 - ITW Ramset Redhead Trubolt, galvanized, 1/2" diameter X 7" overall length
 - Rawl Stud, 1/2" diameter X 5 1/2" overall length, galvanized.
Catalog Number: 7324
Minimum embedment in concrete must be no less than 4"

CLUSTER BOX UNIT (CBU) -CONCRETE PAD REQUIREMENTS-
- ALL FREE STANDING PADS MUST BE 8" THICK -

1 UNIT	SINGLE PAD	4' X 4'
2 UNITS	DOUBLE PAD	4' X 7'
3 UNITS	TRIPLE PAD	4' X 10'
4 UNITS	QUAD PAD	4' X 13'

*** WHEN PLACING A PARCEL LOCKER AT ANY CBU LOCATION, INCREASE THE PAD SIZE BY AN ADDITIONAL 4' X 4'***

POSTAL SERVICE DETAILS FOR MULTI-UNIT CBU PLACEMENT

PROJECT TITLE:
FALLON CREST TOWNHOMES

ENGINEERING SURVEYING
221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 928-1718

REFERENCE DRAWINGS ONLY, ENGINEERS SEAL DOES NOT APPLY TO THESE DETAILS

REVISIONS	
8-15-19	city comments
9-3-19	city comments

Developer / Owner:
CORPORATE GROUP INC.
2500 S. OLD HWY 94, SUITE 200
ST. CHARLES, MO. 63303
636-946-0761

CONSTRUCTION DETAILS

P+Z No. # 19-005136
Approval Date: July 18, 2019
City No. #
Page No. 11 of 20