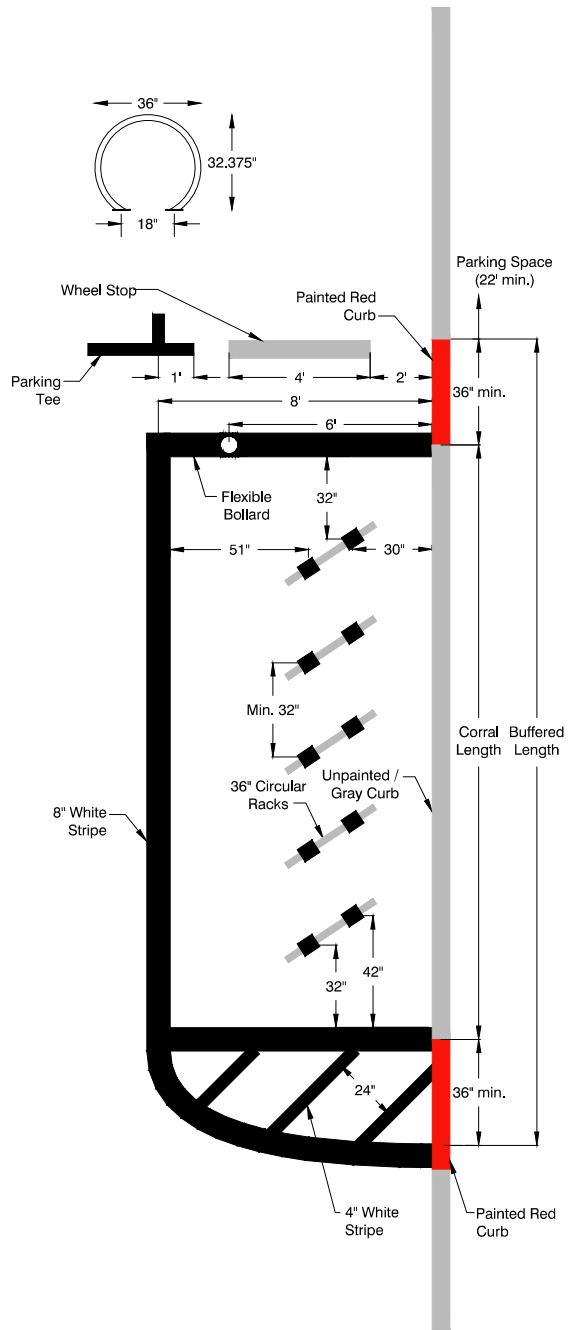
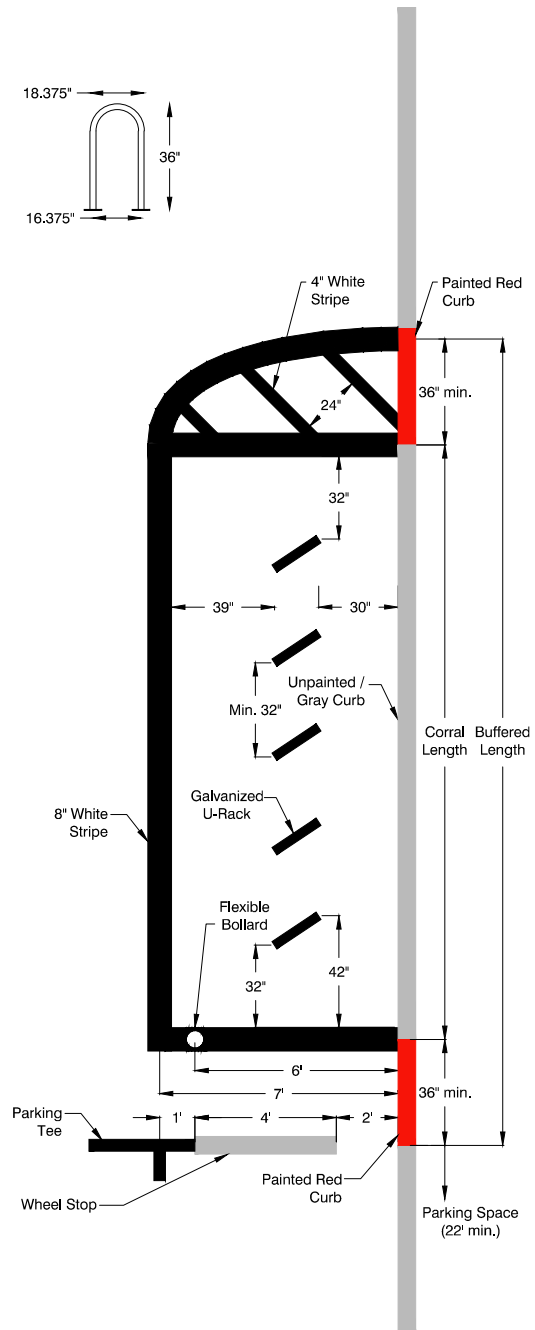


# Typical Corral Layouts

## 8' Corral



## 7' Corral



NOTE: If curb length beyond the minimums is available - and no additional racks can (or are needed to) be installed - the space can be allocated to increase internal or external buffer lengths, or to increase the distance between the racks.



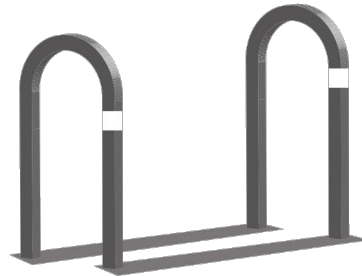
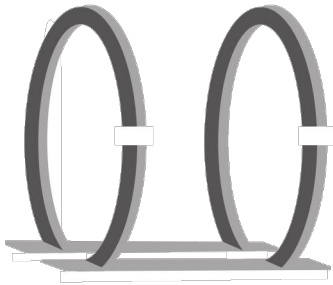
# Corral Details

## CORRAL LOCATION REQUIREMENTS

1. A signed agreement documenting the business or organization responsible for street sweeping and debris removal is required prior to corral installation. (Street sweeping in the corral and along the adjacent curb out to 20 ft in both directions shall be performed by hand.)
2. Corrals must be a minimum 50' from a storm drainage inlet to accommodate PWA Hydro-Vac vehicles. (PWA Drainage Division shall review proposed corral locations.)
3. Where parallel parking adjoins the corral, the stall should be a minimum of 22' in length.
4. Any rack within the corral must be a minimum of 6' from any fire hydrant and a minimum of 4' away from any in-ground utility covers (manholes, gate pots, etc).
5. Where located at far side of a bus stop, the corral shall begin 15' minimum after AC Transit flag.
6. Racks cannot be installed in asphalt or concrete that is in poor repair.

## BIKE RACK SPECIFICATIONS

1. If installed in asphalt (typical for in-street), bike racks must be mounted on flanges (minimum of two loops per flange).
2. In corrals that are less than 8' wide, an 18" inverted U rack (Welle WSH36xx or equal) should be used. In corrals that are at least 8' wide, a 36" wide circular rack (Welle Circular or equal) may be used. (Both racks are 18" wide as measured from center of the base plate flange.)
3. Typical installations (shown, previous page): Racks oriented at 35° angle, diagonal left. Racks may be installed perpendicular to the face of curb if the corral is 8' or wider.
4. Four inch white reflective tape should be adhered to the "leg" of each bike rack loop adjacent to the travel lane (shown below).



Rack Types: Two-loop, flange-mounted, square-tube, galvanized steel; U- and circular-styles w/ 4" white reflective tape adhered to the travel lane side of the rack footer.

### Recommended Corral Edge Treatments (x)

Adjoining Feature	█	●	▨
	Wheel Stop	Flexible Bollard	Buffer Striping
Crosswalk			X
Driveway			X
Intersection			X
Parking Space	X	X	

NOTE: The curb along the length of the corral should be painted gray.

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# CORRAL RACK LAYOUT DETAILS BASED ON CORRAL/BUFFER LENGTHS, # OF LOOPS, RACK SPACING

**DIAGONAL ORIENTATION (35° angle)**

**PERPENDICULAR ORIENTATION**

## CIRCULAR RACKS (36" WIDE)

# loops	Corral length	Min buffered length	# loops	Corral length	Min buffered length
		<b>Recommended minimum spacing: 36"</b>			
5	18'-6"	24'-6"	5	16'-10"	22'-10"
6	21'-6"	27'-6"	6	19'-8"	25'-8"
7	24'-6"	30'-6"	7	22'-6"	28'-6"
8	27'-6"	33'-6"	8	25'-4"	31'-4"
9	30'-6"	36'-6"	9	28'-2"	34'-2"
10	33'-6"	39'-6"	10	31'-0"	37'-0"
		<b>Minimum spacing: 34"</b>			
5	17'-8"	23'-8"	5	16'-10"	22'-10"
6	20'-6"	26'-6"	6	19'-8"	25'-8"
7	23'-4"	29'-4"	7	22'-6"	28'-6"
8	26'-2"	32'-2"	8	25'-4"	31'-4"
9	29'-0"	35'-0"	9	28'-2"	34'-2"
10	31'-10"	37'-10"	10	31'-0"	37'-0"

## INVERTED U RACKS (18" WIDE)

# loops	Corral length	Min buffered length	# loops	Corral length	Min buffered length
		<b>Recommended minimum spacing: 34"</b>			
5	17'-8"	23'-8"	5	16'-10"	22'-10"
6	20'-6"	26'-6"	6	19'-8"	25'-8"
7	23'-4"	29'-4"	7	22'-6"	28'-6"
8	26'-2"	32'-2"	8	25'-4"	31'-4"
9	29'-0"	35'-0"	9	28'-2"	34'-2"
10	31'-10"	37'-10"	10	31'-0"	37'-0"
		<b>Minimum spacing: 32"</b>			
5	16'-10"	22'-10"	5	16'-0"	22'-0"
6	19'-6"	25'-6"	6	18'-8"	24'-8"
7	22'-2"	28'-2"	7	21'-4"	27'-4"
8	24'-10"	30'-2"	8	24'-0"	30'-0"
9	27'-6"	33'-6"	9	26'-8"	32'-8"
10	30'-2"	36'-2"	10	29'-4"	35'-4"

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