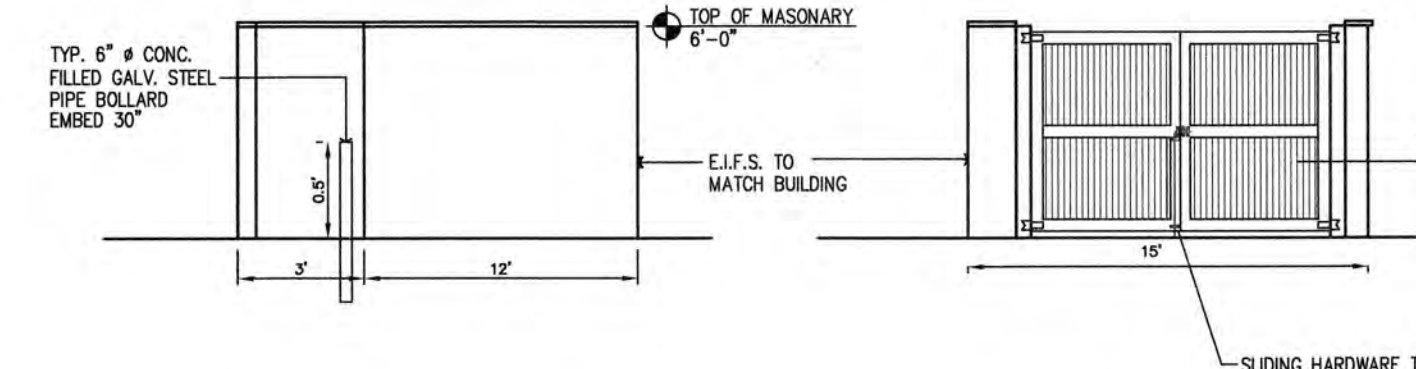


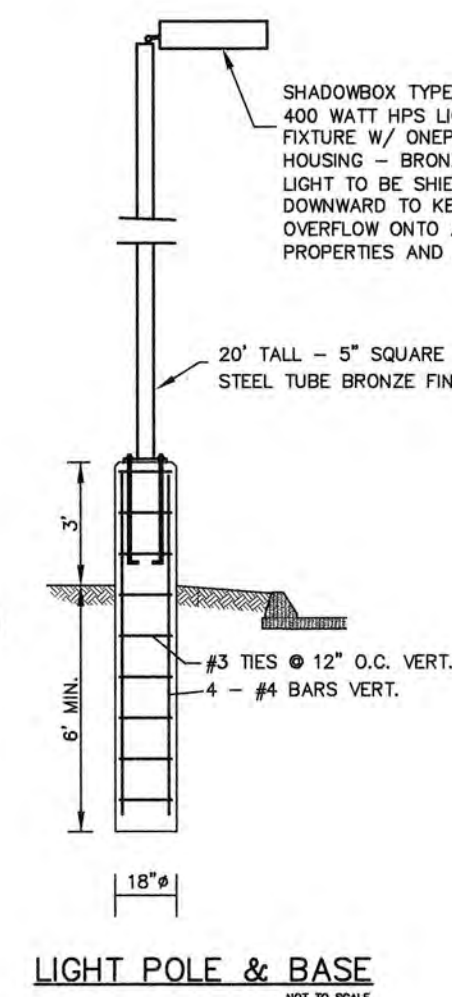
THIS DETAIL HAS BEEN PROVIDED FOR CONCEPTUAL APPROVAL ONLY. EXACT DETAIL OF MATERIAL AND CONSTRUCTION METHODS SHALL BE OUTLINES IN THE ARCHITECTURAL BUILDING PLANS.



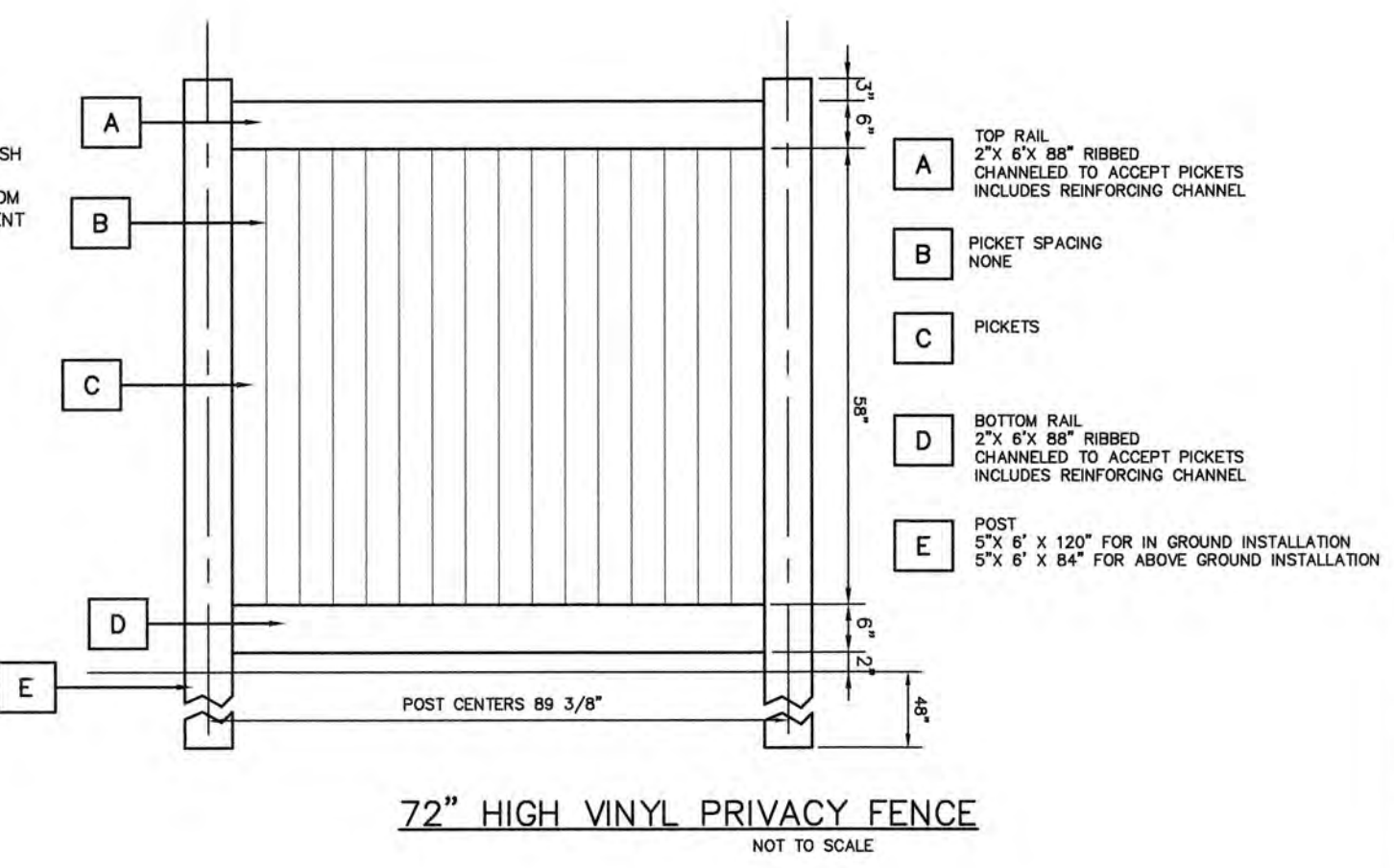
1. TRASH ENCLOSURE PLAN NOT TO SCALE

2. ELEVATION NOT TO SCALE

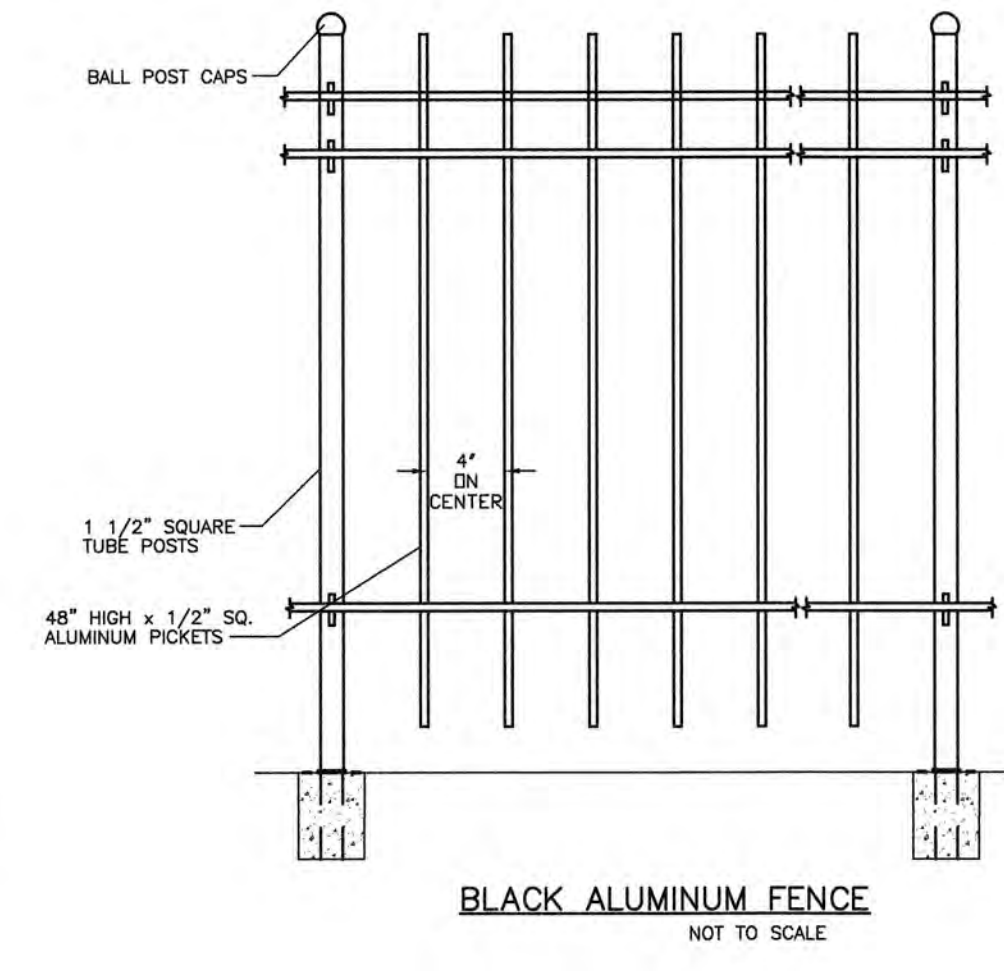
3. ELEVATION NOT TO SCALE



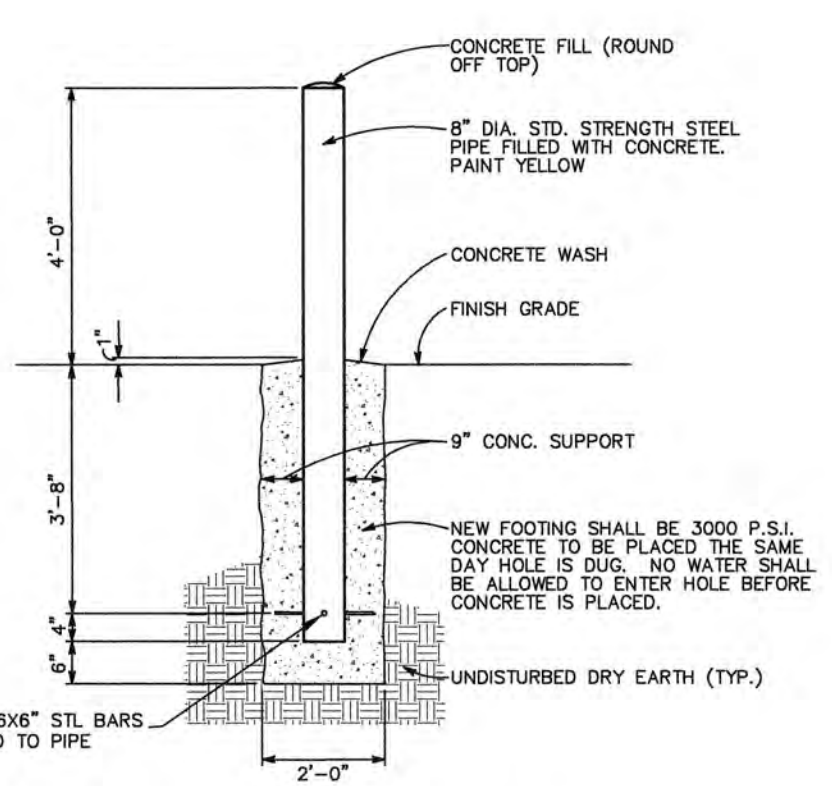
LIGHT POLE & BASE NOT TO SCALE



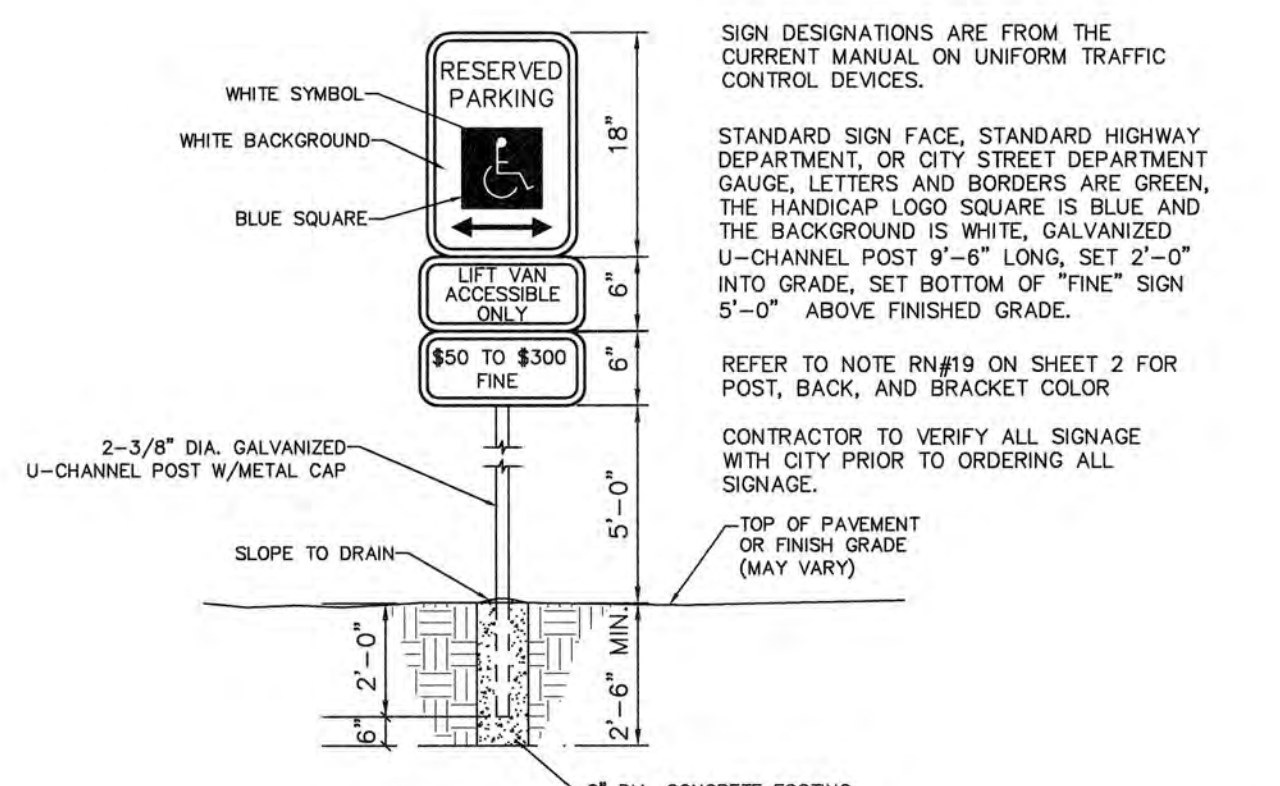
72" HIGH VINYL PRIVACY FENCE NOT TO SCALE



BLACK ALUMINUM FENCE NOT TO SCALE

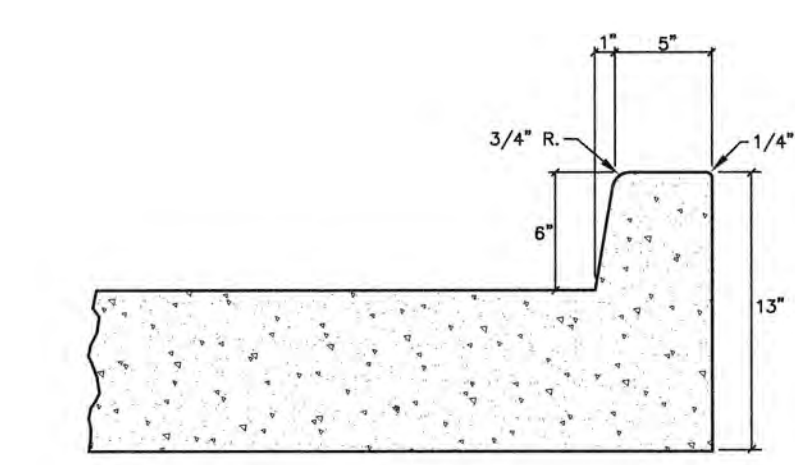


PIPE BOLLARD DETAIL NOT TO SCALE

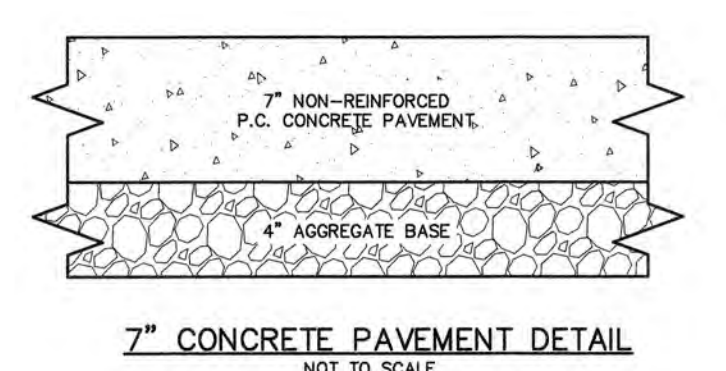


RESERVED PARKING SIGN NOT TO SCALE

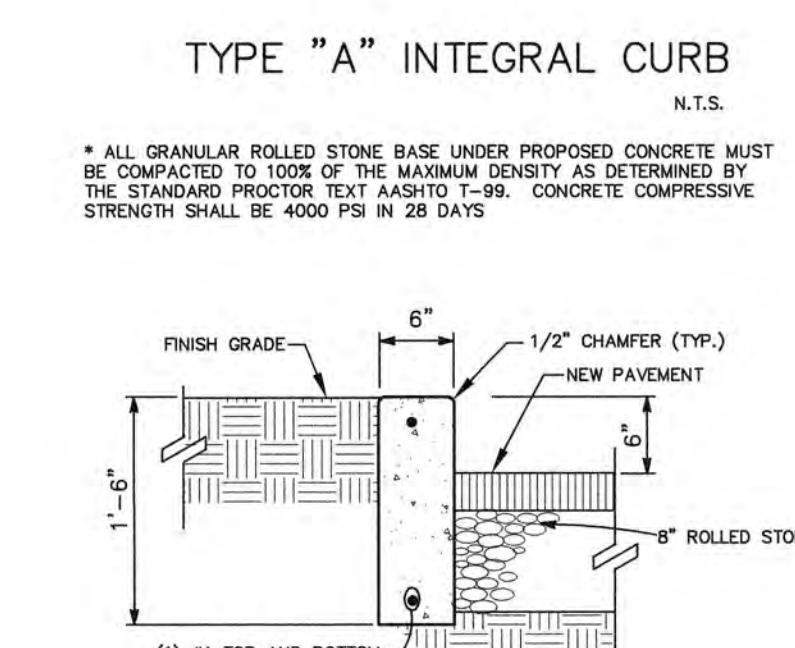
ACCESSIBLE VAN PARKING SIGN NOT TO SCALE



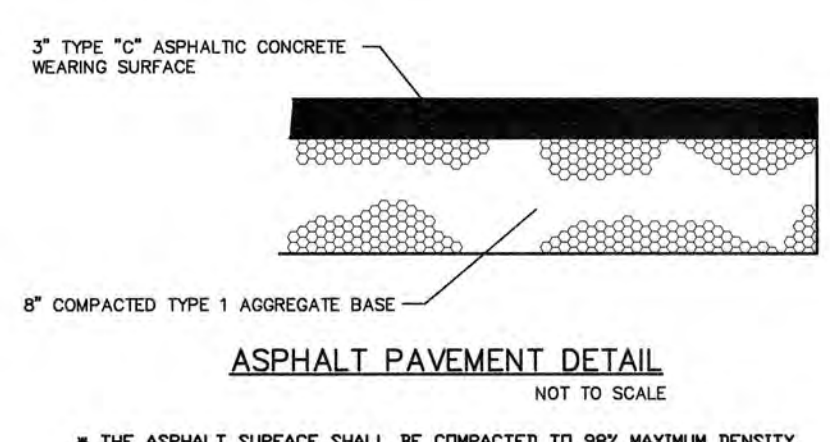
ASPHALT PAVEMENT DRIVE AISLE DETAIL NOT TO SCALE



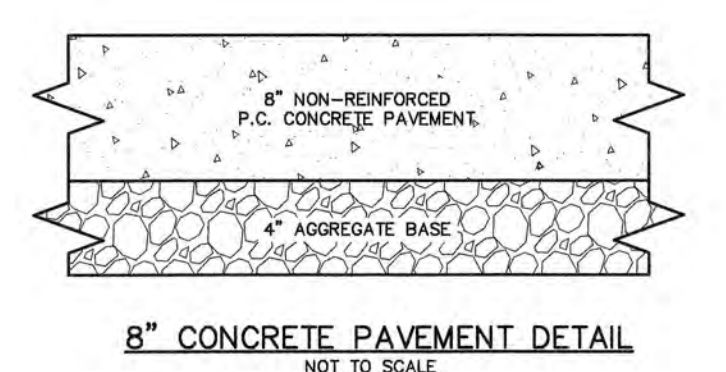
7" CONCRETE PAVEMENT DETAIL NOT TO SCALE



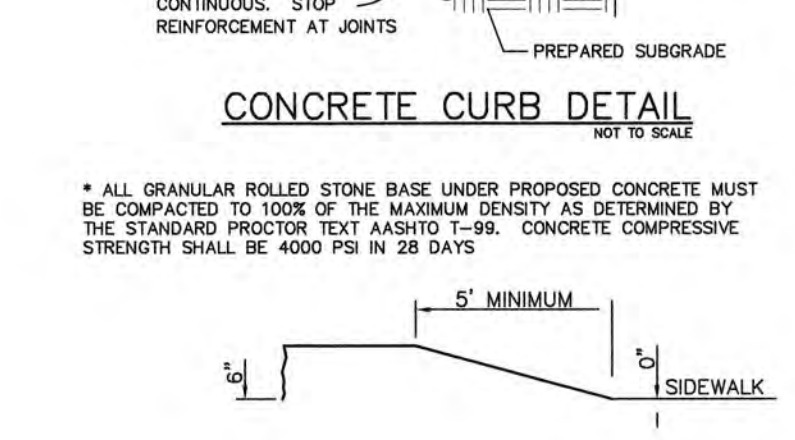
TYPE "A" INTEGRAL CURB N.T.S.



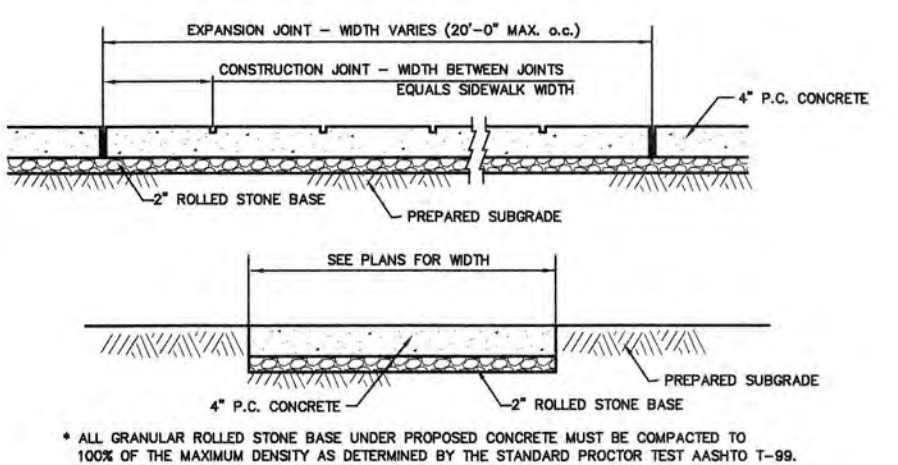
ASPHALT PAVEMENT DETAIL NOT TO SCALE



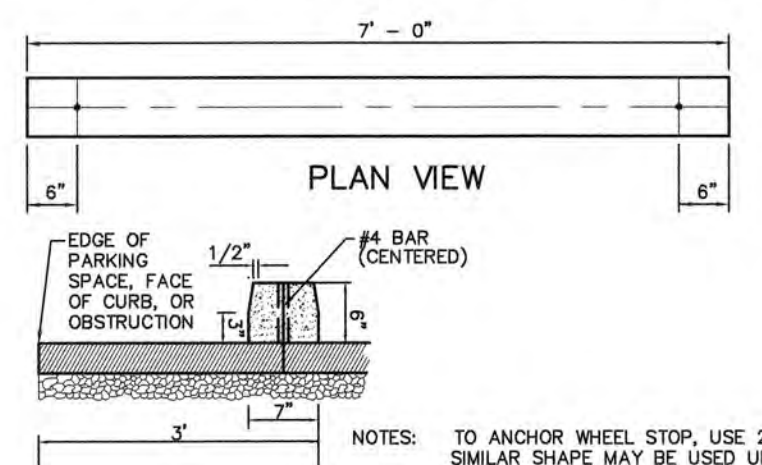
8" CONCRETE PAVEMENT DETAIL NOT TO SCALE



CONCRETE CURB DETAIL NOT TO SCALE



CONCRETE SIDEWALK DETAIL NOT TO SCALE



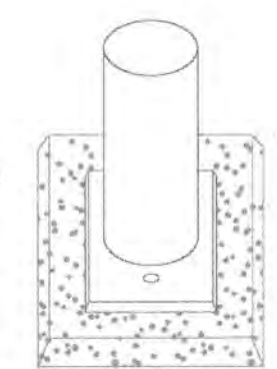
PRECAST CONCRETE WHEELSTOP SECTION

U-Rack Bike Rack Specifications Page 1

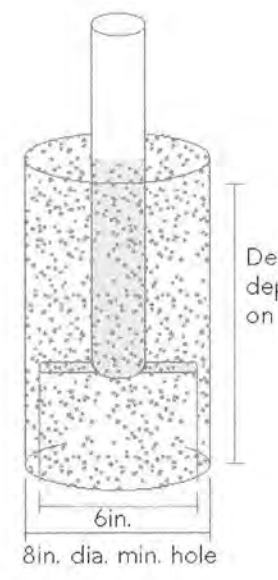


**Product Details:**  
 Dimensions: Length 24" / Depth 1.9" / Height 36" (46" In Ground) / Mounting Plates 6"  
 Weight: Surface Mount: 19-lbs In-ground: 22-lbs  
 Styling: Contemporary  
 Capacity: Holds 2 Bikes  
 Finish: Durable baked-on powder coat or hot dipped galvanized  
 Construction: Standard-Duty 1.5" Schedule 40 Pipe (1.9" OD) Steel

**Surface Mount:**  
 Bolts through bottom plate into pre-drilled concrete into ground anchors. Use appropriate length and size bolt for local requirements.



**In-ground Mount:**  
 Embedded in hole filled with concrete. Depth of the hole varies depending on local code.



BICYCLE RACK DETAIL NOT TO SCALE

\* BIKE RACK MUST BE IN ACCORDANCE WITH BIKE USA STANDARDS

616.8.33 (TA-33) Lane Closure on Left or Right Lane on Divided Highway-MT

SPEED	SIGN SPACING (ft)		TAPER LENGTH (ft)		OPTIONAL BUFFER LENGTH (ft) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)		Tapers	Buffer Work Areas
0-35	-	200	70	245	250	3.5	50
40	-	500	90	320	305	4.0	100
45	-	500	150	540	360	4.5	100
50-55	-	1000	185	660	495	5.0	100
60-70	SA = 1000, SB = 1500, and SC = 2840	-	235	840	730	6.0	100

ROADWAY TYPE	SIGN HEIGHT	SIGN POST	MAXIMUM WORK ZONE LENGTH (L)	Channelizer		Protective Vehicle	
				Truck or Trailer Mounted Arrow Panel	Sign	Truck Mounted Attenuator (TMA)	Protective Vehicle
URBAN	1' Portable	7' Post	1 M.	1' Portable	7' Post	1' Portable	7' Post
RURAL DIVIDED	1' Portable	7' Post	2 M.	1' Portable	7' Post	1' Portable	7' Post

A protective vehicle shall be used while work is in progress. The protective vehicle shall be equipped with a TMA and flashing arrow panel and positioned at least 150 ft. in advance of the work space. The protective vehicle may be eliminated if the roadway is posted at 45 mph or below, the work vehicle is positioned in advance of the work space, and the work vehicle is equipped with a flashing arrow panel and uses activated rotating lights or strobe lights.

All vehicles, equipment, workers and their activities should be restricted to one side of the pavement.

The open lane shall be provided with a 10 ft. minimum driving surface at all times. This may include a portion of the shoulder, provided the shoulder is of adequate strength to handle traffic.

For short duration operations, signs and channelizers may be reduced or eliminated.

For mobile operations where workers are on foot and move with the operation, channelizers may be reduced or eliminated.

For operations in which channelizers are not used, the arrow mode shall be displayed on any flashing arrow panel located downstream of the taper.

Supplemental warning methods may be used to call attention to the work zone.

Additional warning signs shall be erected at each intersection with another state highway within the work zone. Upon the discretion of the supervisor, additional warning signs may be erected at other intersections within the work zone.

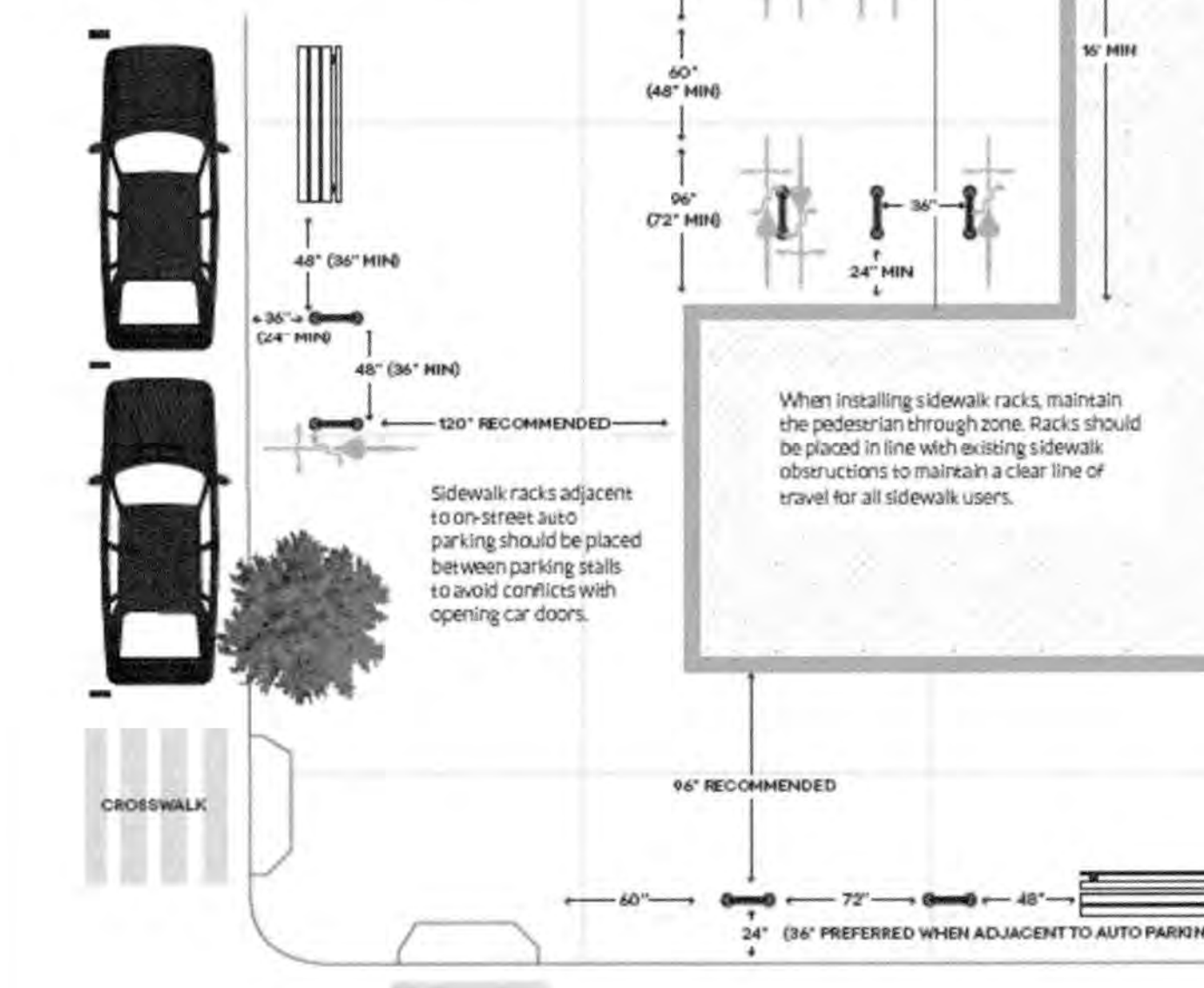
For long-term operations, EPG 616.6.2.2 Flags and Advance Warning Rail System.

\* ONLY ONE LANE OF MEXICO ROAD WILL BE CLOSED AT ANY POINT IN TIME.



PLACEMENT

The following minimum spacing requirements apply to some common installations of fixtures like inverted-U or post-and-rings racks that park one bicycle roughly centered on each side of the rack. Recommended clearances are given first, with minimums in parentheses where appropriate. In areas with tight clearances, consider wheelwell-secure racks (page 6), which can be placed closer to walls and constrain the bicycle footprint more reliably than inverted-U and post-and-rings racks. The footprint of a typical bicycle is approximately 6' x 2'. Cargo bikes and bikes with trailers can extend to 10' or longer.



**PROJECT TITLE:**  
 Construction Plans for  
 Tyke Town Development Centers  
 8368 Mexico Road  
 St. Peters, MO 63376

**ENGINEERING SURVEYING**  
 221 Point West Blvd.  
 St. Charles, MO 63301  
 636-928-9502  
 FAX 636-928-1718



**DISCLAIMER OF RESPONSIBILITY**  
 I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

STATE OF MISSOURI  
 LARRY DAVID  
 REGISTERED PROFESSIONAL ENGINEER  
 NUMBER 00003434  
 5/6/18

Larry D. Walker  
 Civil Engineer  
 Engineers License No. 2007020343  
 Box Engineering Company, Inc.  
 Missouri State Certificate of Authority  
 Engineering #000655  
 Missouri State Certificate of Authority  
 Surveying #000144

**REVISIONS**

NO.	DATE	DESCRIPTION
04-16-18	18	CITY COMMENTS
05-03-18	18	REV. BASIN DETAILS
05-07-18	18	CITY COMMENTS

**Developer / Owner:**  
 Tyke Town Properties, LLC  
 P.O. Box 81  
 Troy, Missouri 63379  
 636-462-5380

**P+Z No.** 17-012955

**Approval Date:** 02-01-18

**City No.** #

**Page No.** 15 of 15

**CONSTRUCTION DETAILS**