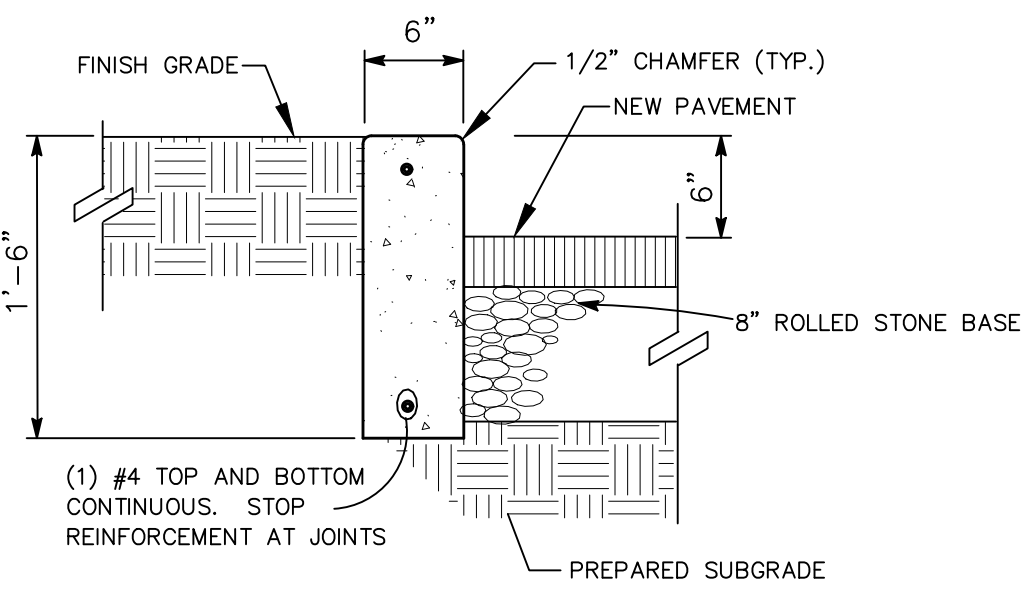
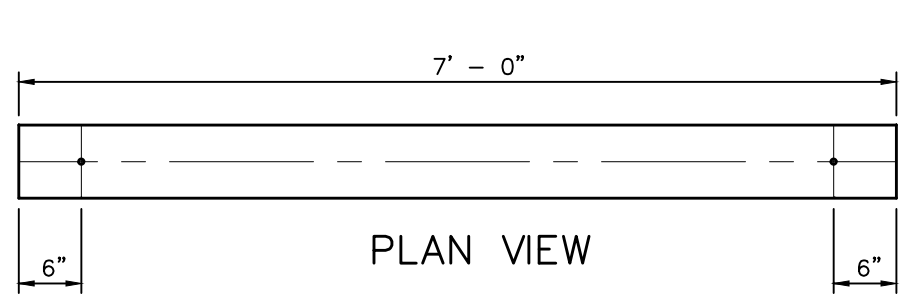


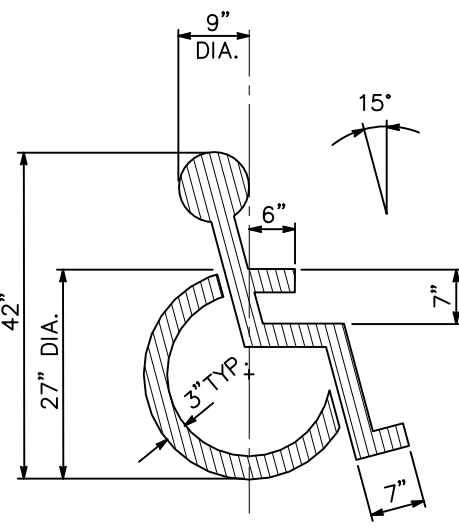


CONCRETE CURB DETAIL
NOT TO SCALE

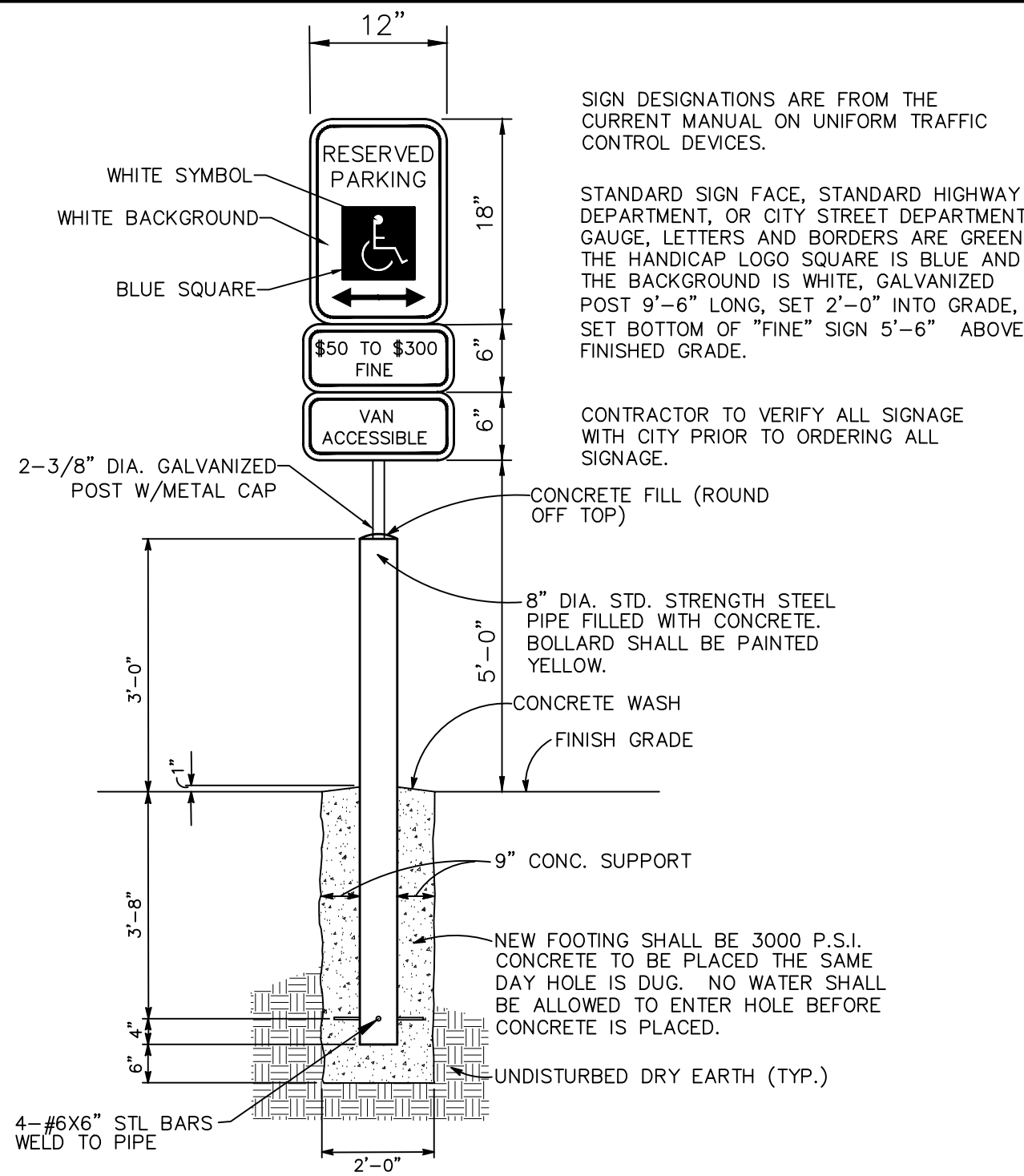


SECTION

PRECAST CONCRETE WHEELSTOP

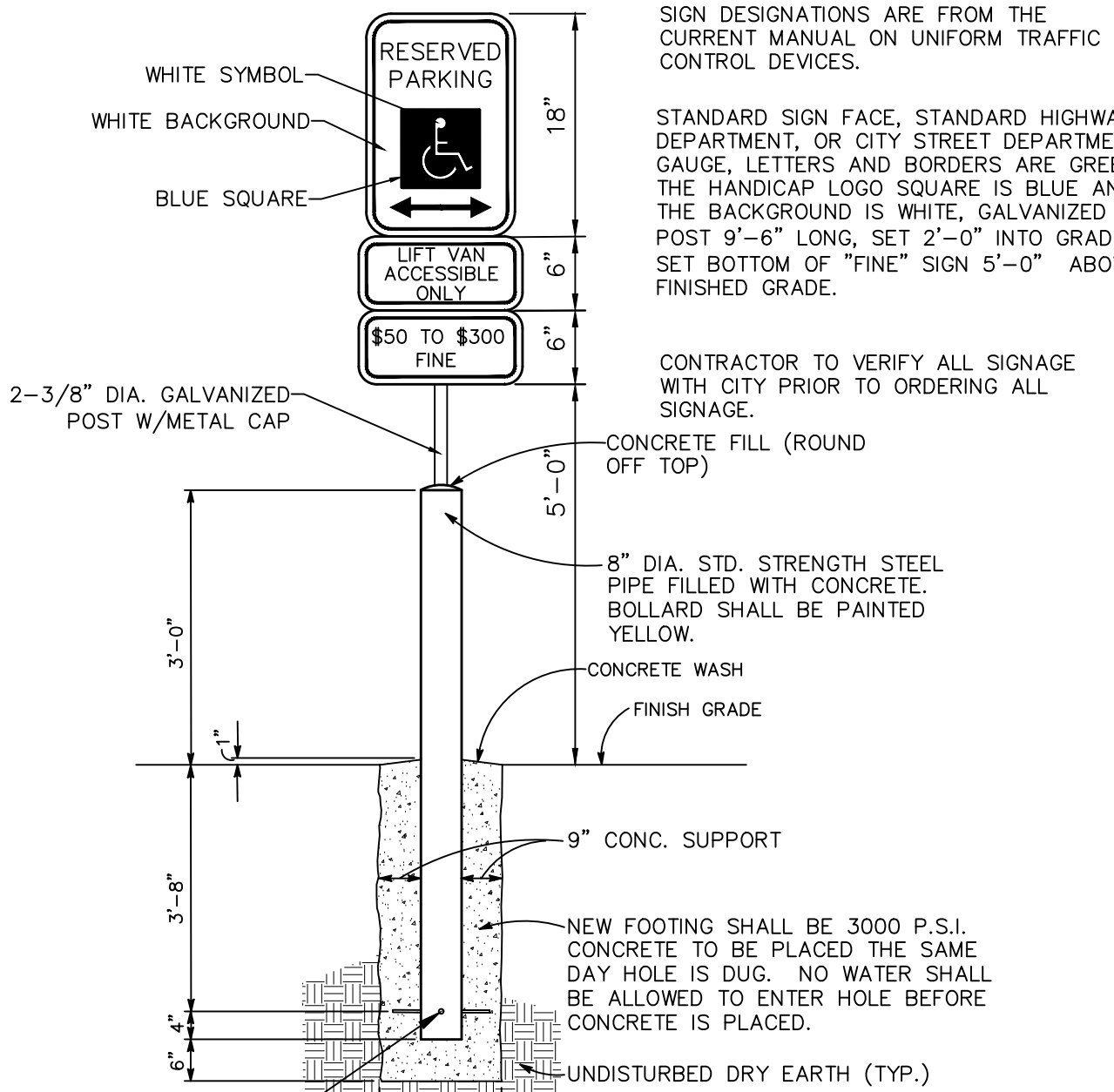


PAINTED ACCESSIBLE
PARKING SYMBOL
NOT TO SCALE

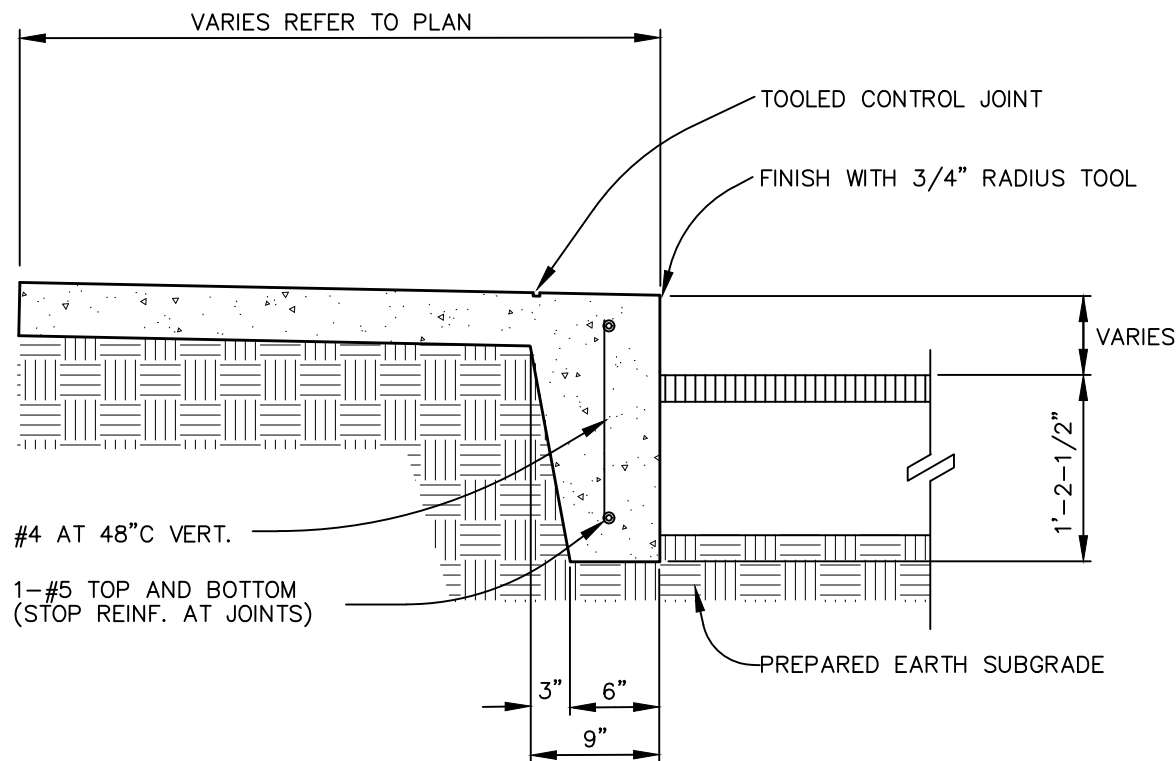


PIPE BOLLARD
ACCESSIBLE CAR PARKING SIGN
NOT TO SCALE

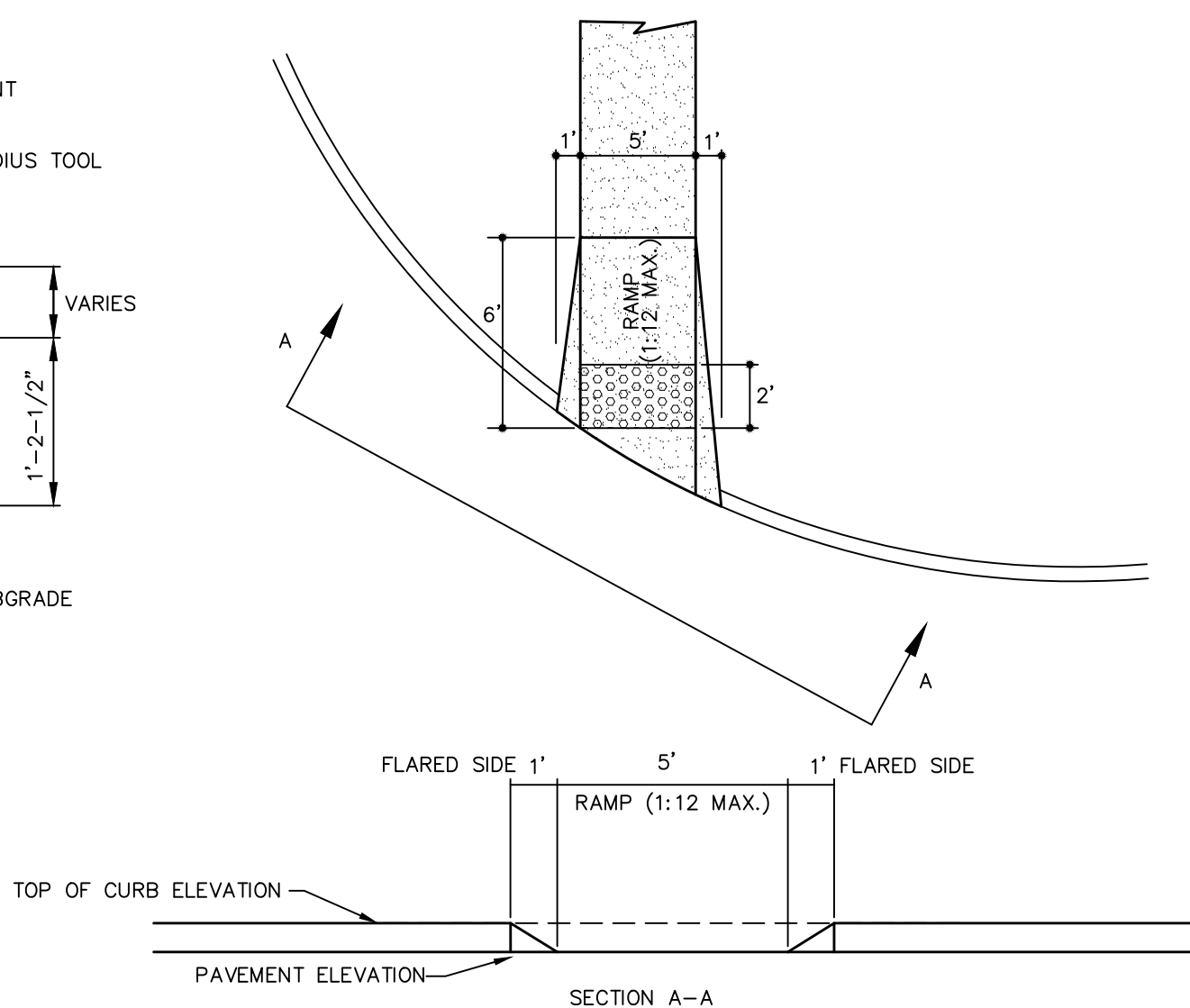
NOTE: SIGN POST AND SIGN BACK SHALL BE PAINTED BLACK.



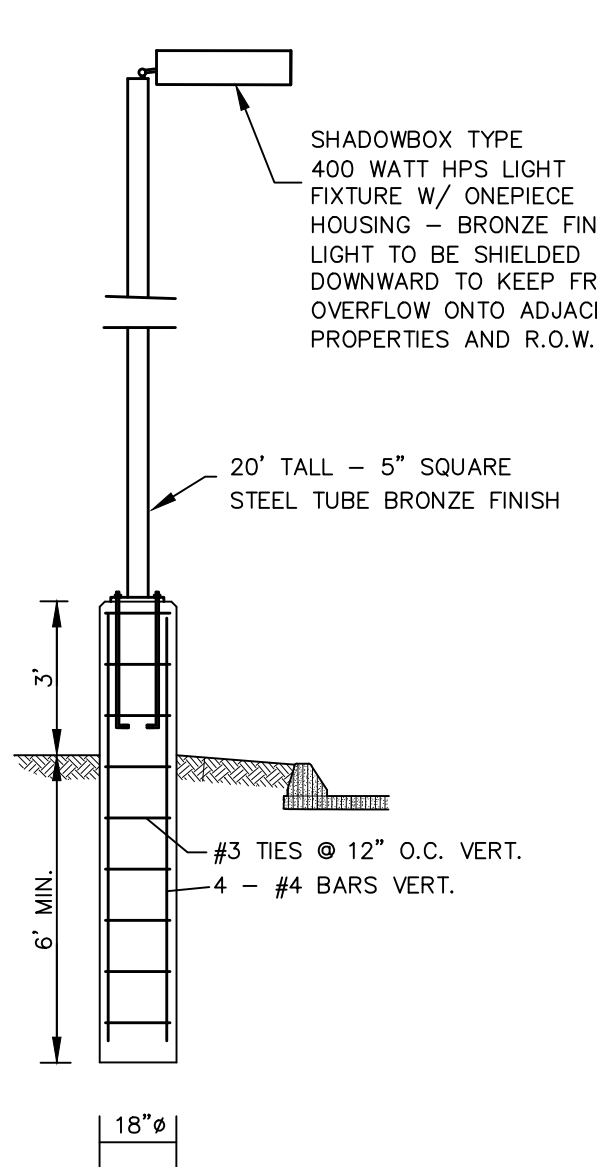
PIPE BOLLARD
ACCESSIBLE VAN PARKING SIGN
NOT TO SCALE



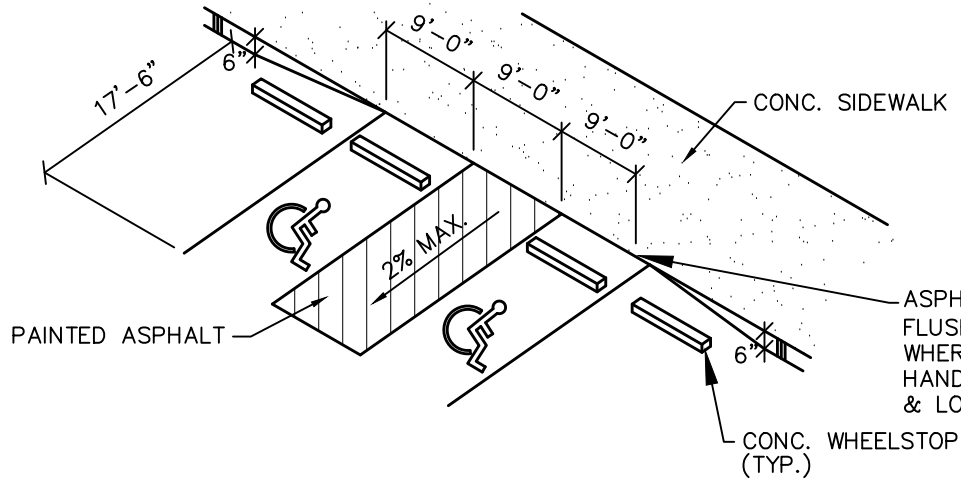
TURNED DOWN CONCRETE WALK
NOT TO SCALE



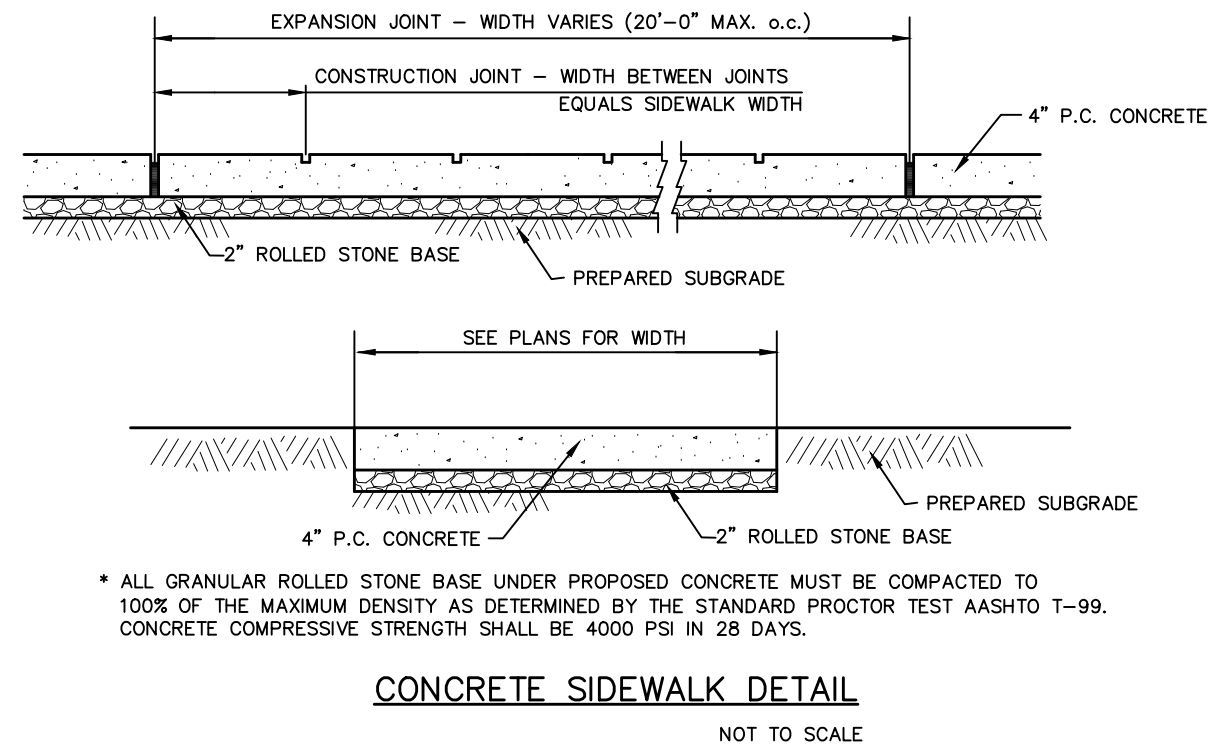
HANDICAPPED RAMP DETAIL
NOT TO SCALE



LIGHT POLE & BASE
NOT TO SCALE



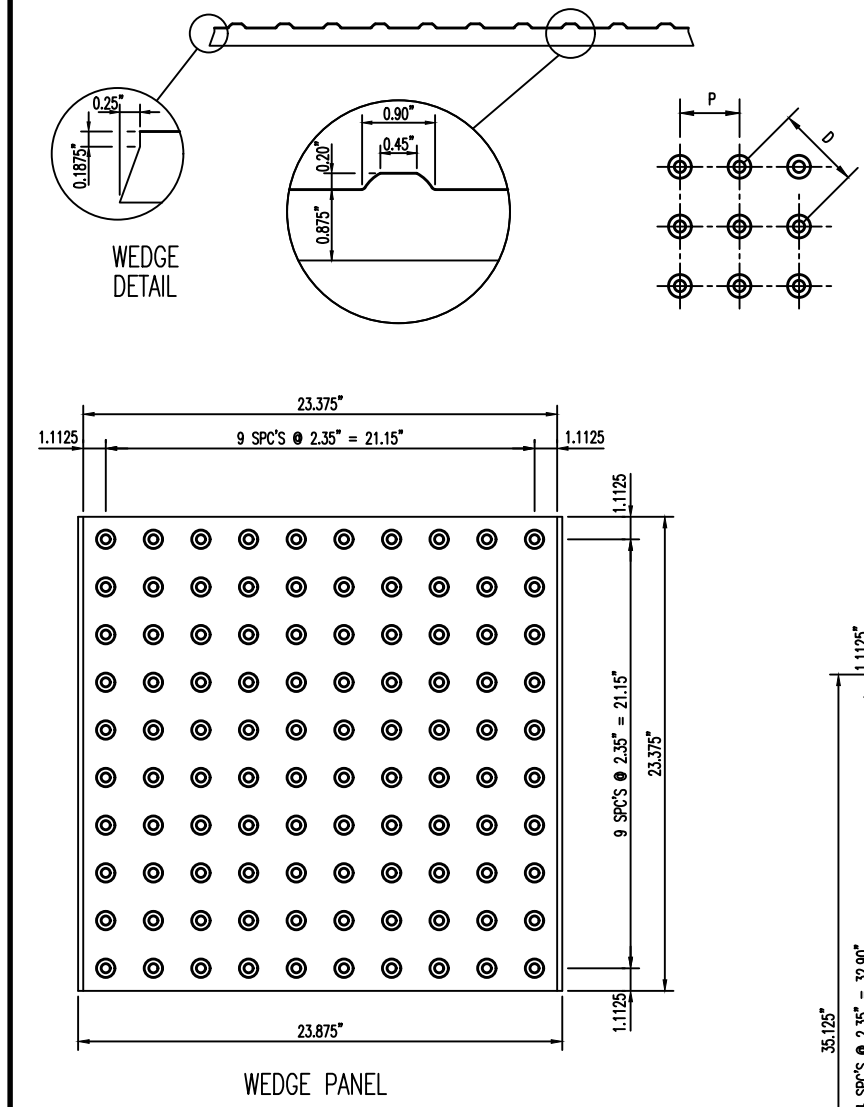
FLUSH PAVEMENT DETAIL
NOT TO SCALE



CONCRETE SIDEWALK DETAIL
NOT TO SCALE

CASTinTACT™ Warning Panels are the latest innovation in detectable warning systems. A long term solution meeting both state and federal guidelines for handicap detection. CASTinTACT Warning Panels are designed for exterior use at the bottom of curb ramps and other locations such as depressed corners, raised crosswalks and raised intersections, borders of median and islands, at edge of transit platforms and where railroad tracks cross the sidewalk to warn people with visual impairments of potential hazards. Detectable warnings must be installed across the full width of ramps, and 24" minimum in length up the ramp. CASTinTACT Warning Panels are integrally colored to provide visual contrast with the adjacent walking surface.

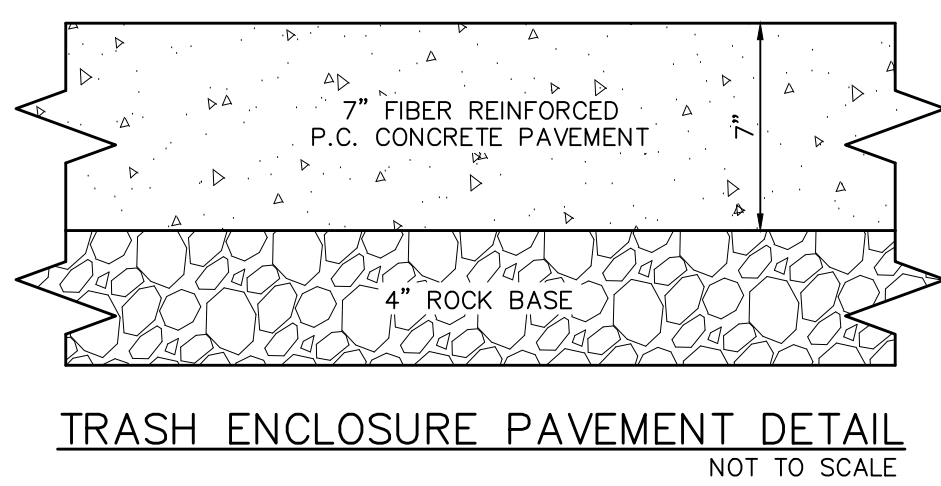
CASTinTACT™ are cementitious based concrete panels with the same co-efficient of expansion as the concrete base. 7/8" thick high strength concrete reinforced with stainless steel prestress strands resulting in a high strength and crack resistant panel. Abrasion resistant truncated domes are achieved with an engineered mix design of granite and quartz aggregate that produces an average compressive strength of 10,000 psi (69 MPa). CASTinTACT are quality controlled manufactured to produce a dense, freeze thaw durable panel. Architectural concrete finished for safe wet and dry slip resistance. Concrete surfaces are easily maintained and cleaned with pressure washing.



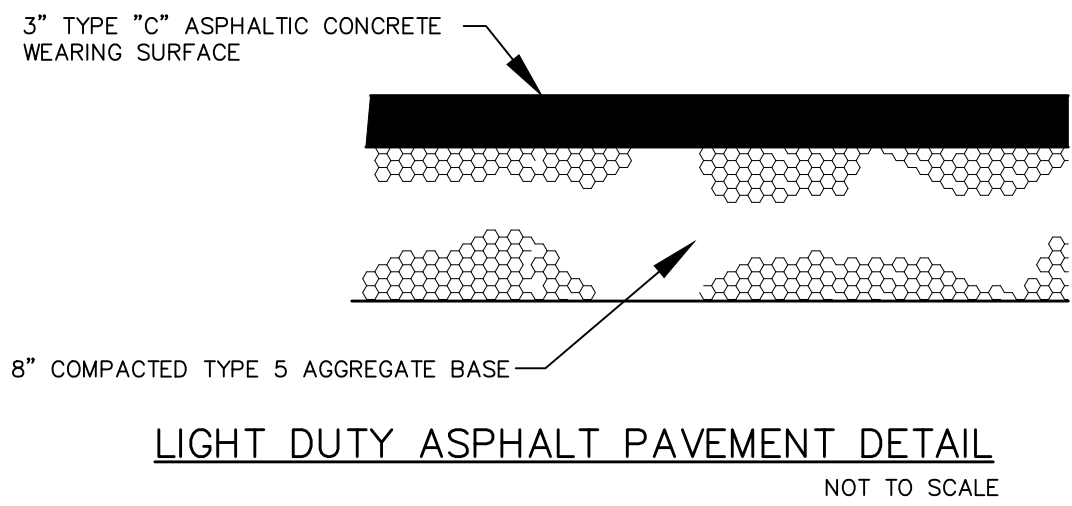
DOMES SPECIFICATIONS
Americans with Disabilities Act 4.29.2 Standards
Dome Base = 0.9" (23 mm)
Dome Top = 0.45" (12mm)
Dome Height = 0.2" (5 mm)
Dome Spacing (P) = 2.35" (60mm)
Dome Diag. Spacing (D) = 3.32" (85mm)
PANEL SPECIFICATION
Panel Thickness = 0.875" (22mm)
Avg. Panel PSI = 10,000 (69 MPa) ASTM C39
Reinforcement = 304 Stainless Steel 1/16"
7x7 4" OC both directions and faces.
Final prestress forces after loss, 300 lbs per
Tendon, net panel prestress force 172 psi in both
Directions.
Slip Resistance = 0.80 ASTM D 2047 Modified

PANEL SIZES AVAILABLE
Wedge Edge Panel includes 1'x2', 2'x2', 2.5'x2', 3'x2'
Square Edge Panel includes 2'x2', 3'x2' and 4'x2'
Stocking colors are yellow, red, black and white.
Custom colors special order.

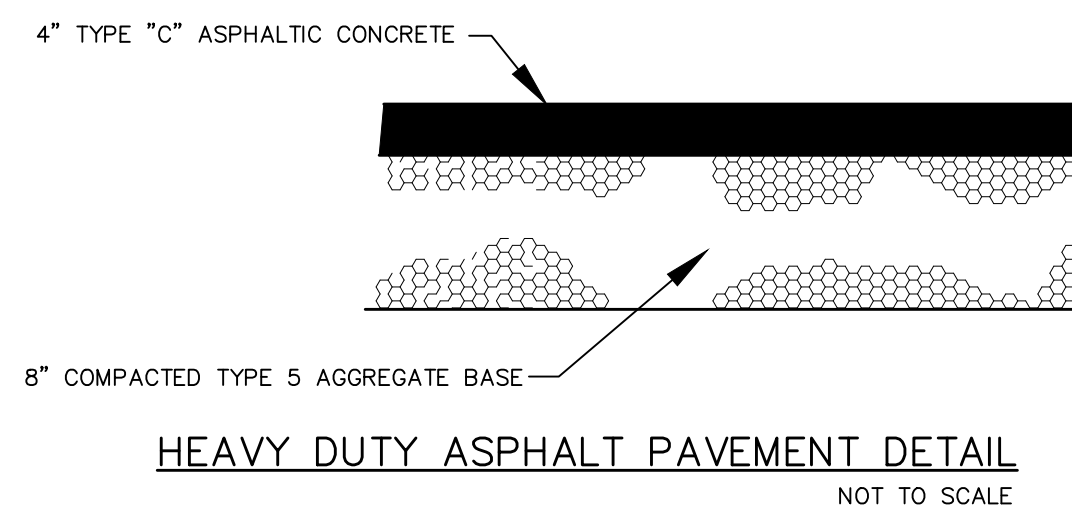
TYPICAL DETAIL OF DETECTABLE WARNING SURFACE
NOT TO SCALE



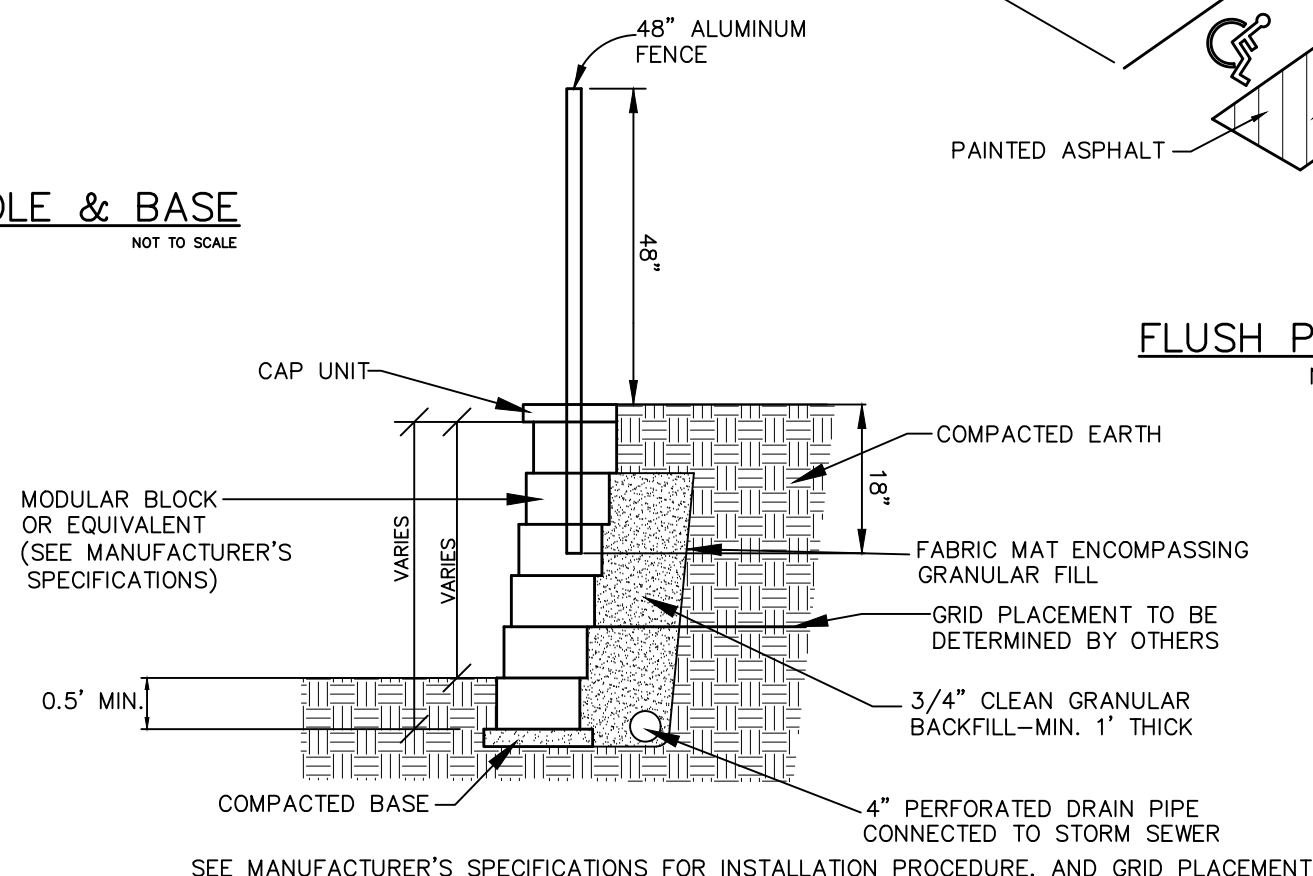
TRASH ENCLOSURE PAVEMENT DETAIL
NOT TO SCALE



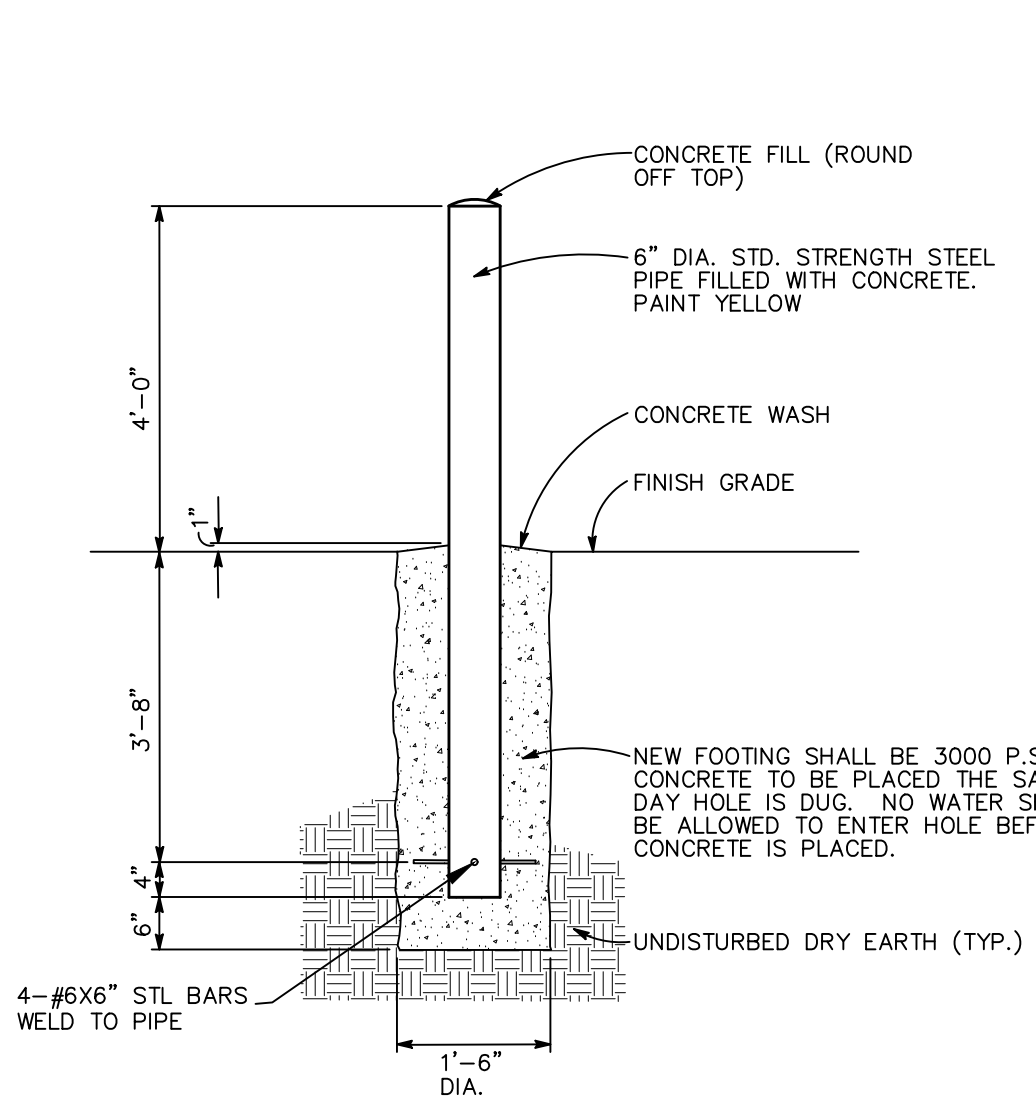
LIGHT DUTY ASPHALT PAVEMENT DETAIL
NOT TO SCALE



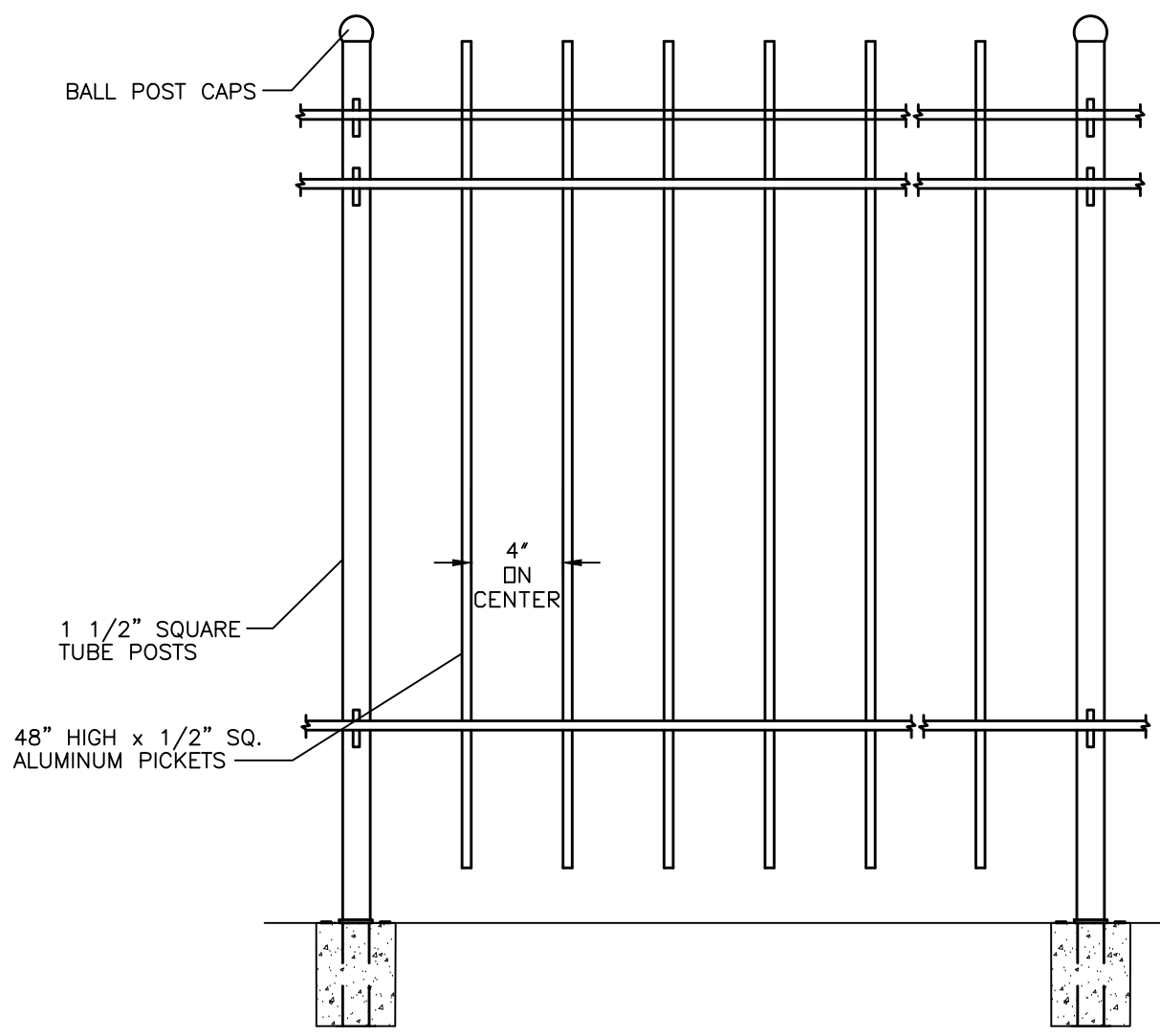
HEAVY DUTY ASPHALT PAVEMENT DETAIL
NOT TO SCALE



MODULAR BLOCK CONCRETE RETAINING WALL
(RETAINING WALL DESIGN BY OTHERS) NOT TO SCALE



PIPE BOLLARD DETAIL
NOT TO SCALE

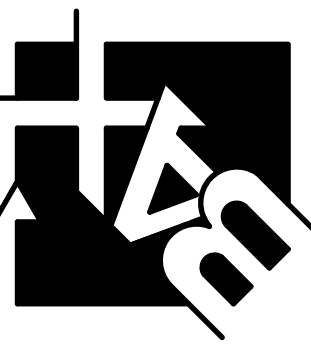


BLACK ALUMINUM FENCE
NOT TO SCALE

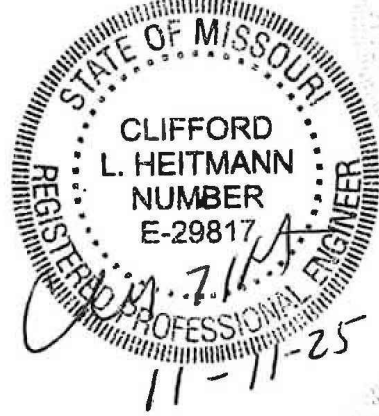
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

PROJECT TITLE:
Back On Track Veterinary Clinic
O'Fallon, MO 63366

**ENGINEERING
PLANNING
SURVEYING**
221 Point View Blvd.
St. Charles, MO 63301
636-928-5562
FAX 928-1718



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



Clifford L. Heitmann
Civil Engineer
E29817

REVISIONS

10-08-25	CITY COMMENTS
10-14-25	PWSD2 COMMENTS
10-29-25	CITY COMMENTS
11-11-25	CITY COMMENTS

Developer / Owner:
Back On Track Veterinary Clinic
O'Fallon, MO 63366

P+Z No. #23-007755
Approval Date: 04/03/2025

City No.

Page No.

C13

DETAILS

Issue Date: 07/16/2025
Project #: 22-18841