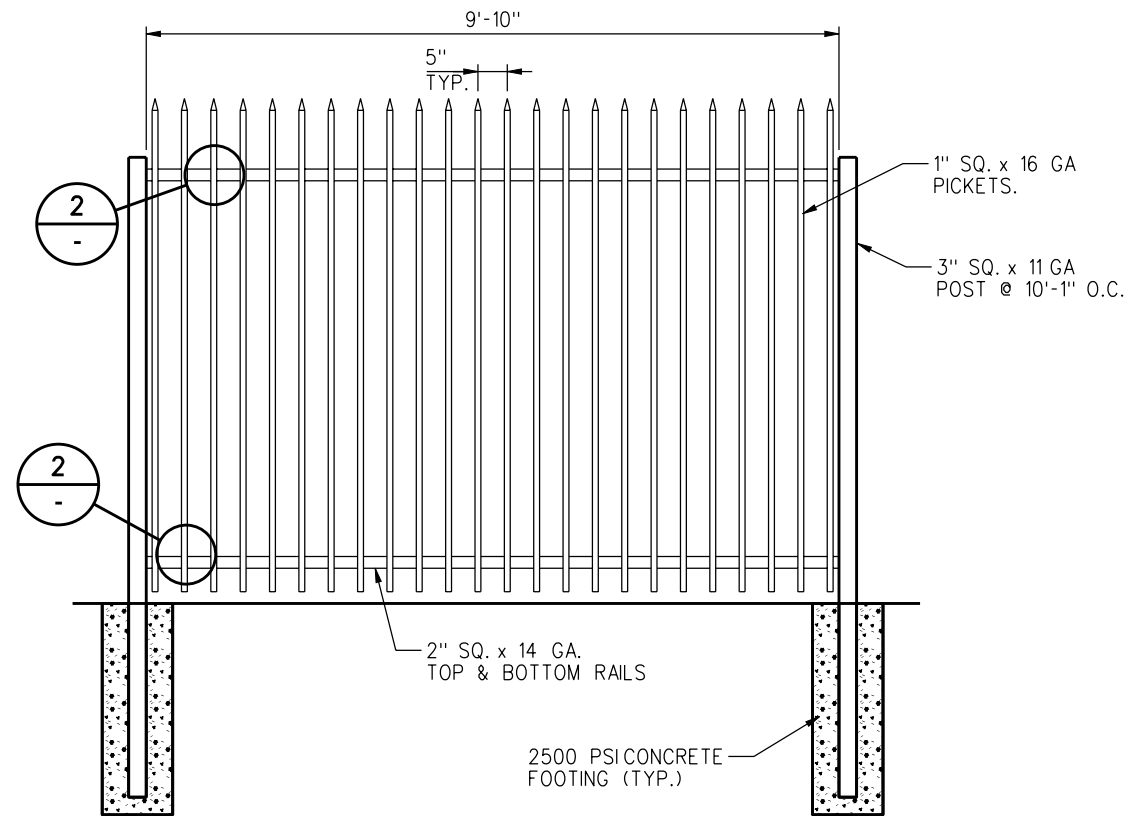


SIDE VIEW
SCALE: 3/4" = 1'-0"



FRONT VIEW
SCALE: 3/4" = 1'-0"

NOTES:

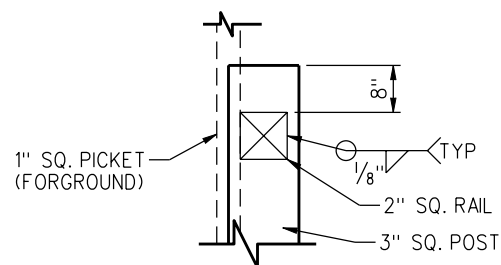
1. ALL STEEL TUBING TO BE H.D. GALVANIZED PER ASTM A123.
2. ALL CONCRETE FOOTINGS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.
3. FINISH GRADE REQUIRED PRIOR TO FENCE INSTALLATION. LOCATION OF START / END POSTS, CORNER POSTS AND GATE POSTS REQUIRED PRIOR TO FENCE INSTALLATION.

MATERIAL SPECIFICATIONS:

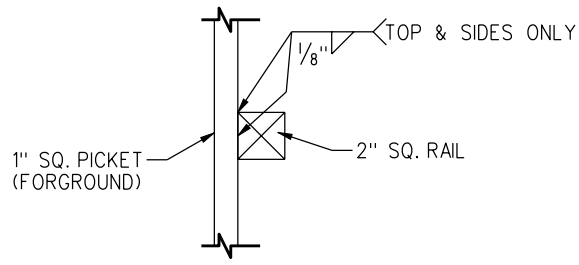
- A. PICKETS: 1 INCH. SQUARE STEEL TUBULAR MEMBERS MANUFACTURED PER ASTM A-500 HAVING A YIELD STRENGTH OF 50,000 PSI. WALL THICKNESS SHALL BE 16 GAUGE. SPACE PICKETS AT 5 INCHES CENTER TO CENTER. ATTACH EACH PICKET TO RAILS BY WELDING WITH GAS METAL ARC METHOD.
- B. RAILS: 2 INCH SQUARE STEEL TUBULAR MEMBERS MANUFACTURED PER ASTM A-500, HAVING A YIELD STRENGTH OF 50,000 PSI. WALL THICKNESS SHALL BE 14 GAUGE. ATTACH EACH RAIL TO POSTS BY WELDING WITH THE GAS METAL ARC METHOD.
- C. POSTS: 3 INCH SQUARE STEEL TUBULAR MEMBERS MANUFACTURED PER ASTM A-500 HAVING A YIELD STRENGTH OF 50,000 PSI. WALL THICKNESS SHALL BE 11 GAUGE. SPACE POSTS AT 10'-1" CENTER TO CENTER.
- D. FINISH: ALL COMPONENTS TO BE GIVEN A 4-STAGE PRE-TREATMENT PROCESS THAT CLEANS AND PREPARES THE GALVANIZED SURFACE FOR THE FINISH COAT. ALL METAL IS THEN TO BE GIVEN A POLYESTER RESIN BASED POWDER COATING APPLIED BY THE ELECTROSTATIC SPRAY PROCESS, TO A THICKNESS OF 2.5 MILS. THE FINISH IS THEN TO BE BAKED IN A 450 DEG. OVEN FOR 20 MINUTES. COLOR FOR FINISH TO BE BLACK.

FENCE SELECTION CRITERIA

1. CHAIN LINK FENCING SHALL BE USED ONLY FOR MAINTENANCE OF EXISTING CHAIN LINK FENCES.
2. WELDED WIRE MESH FENCING SHALL BE USED FOR ALL RIGHT-OF-WAY FENCES.
3. TUBULAR STEEL FENCING WILL BE USED FOR PROPERTY LEASES AND STORAGE FACILITIES WHERE AESTHETICS ARE A MAJOR CONCERN AND AS DIRECTED BY SCRRA.
4. INTER-TRACK FENCING SHALL BE USED BETWEEN THE TRACKS AT ALL STATIONS.
5. CONCRETE BLOCK WALLS SHALL BE USED FOR COMMERCIAL, AND RESIDENTIAL DEVELOPMENTS. REMOVAL OF GRAFFITI ON BOTH SIDES OF THE WALL SHALL BE THE OWNER/ DEVELOPER'S RESPONSIBILITY.
6. TEMPORARY RAILING (TYPE K) WITH WELDED WIRE MESH FENCING SHALL BE USED FOR ALL PARKING LEASES. K-RAIL AND FENCE ANCHORS SHALL BE AS PER CALTRANS STANDARD PLANS T3 AND T4).
7. LANDSCAPE VINES SHALL NOT BE ALLOWED TO GROW ON THE FENCE UNLESS WRITTEN APPROVAL IS GRANTED BY SCRRA. IF LANDSCAPE VINES ARE ALLOWED TO GROW, THEY WILL BE TRIMMED REGULARLY SO THAT THEY WILL NOT EXTEND OVER THE WALL. SAFETY MEASURES REQUIRED BY SCRRA SHALL BE FOLLOWED IN THE TRIMMING OF THE VINES.
8. SIX-INCH OPENINGS AT REGULAR INTERVALS IN FENCES AND WALLS SHALL BE PROVIDED TO DRAIN WATER AWAY FROM TRACKS AND RAILROAD RIGHT-OF-WAY.



DETAIL 1
SCALE: 3" = 1'-0"



DETAIL 2
SCALE: 3" = 1'-0"

PRE-FINAL SUBMITTAL

REV.	DATE	DESCRIPTION	DES.	ENG.
2	05/22/08	ADDED FENCE SELECTION CRITERIA	AC	NDP
1	10/31/05	REVISED TITLE BLOCK	JMS	MEM

DRAWN BY: A. CARLOS DATE: 11/20/02
 APPROVED BY: *Nancy D. Papp*
 MANAGER: CIVIL ENGINEERING
Danell V. Maxey
 DIRECTOR OF ENGINEERING AND CONSTRUCTION

THE SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN SHEET

METROLINK
 SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
 700 SOUTH FLOWER STREET, 26TH FLOOR
 LOS ANGELES, CALIFORNIA 90017

ENGINEERING STANDARDS
 RIGHT OF WAY FENCING
 TUBE STEEL FENCING

STANDARD	5104
SCALE:	AS NOTED
REVISION SHEET	2 1 OF 1
CADD FILE:	ES5104