

**NOTES:**

1. THE TABLE BELOW SHOWS EXAMPLE OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS.
3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF SCRRRA.
4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT.
5. DIMENSIONS SHOWN ARE NOMINAL.
6. WIRE GAGE TO BE 11 GA. FOR FENCES 6'-0" AND LESS AND 9 GA. FOR FENCES OVER 6'-0" AS DETERMINED BY FIELD CONDITIONS.
7. FOR ADDITIONAL INFORMATION REFER TO CAL TRANS STANDARD SPECIFICATIONS GENERAL PROVISIONS SECTION 80, RIGHT OF WAY AND TRAFFIC CONTROL FACILITIES - FENCING.
8. FENCE POSTS SHALL BE SET IN CONCRETE FOOTINGS INTO SUITABLE SOIL CONFORMING TO THE DETAILS SHOWN ON THIS DRAWING AND CROWNED AT THE TOP TO SHED WATER.
9. PORTLAND CEMENT CONCRETE FOR METAL POST FOOTINGS AND FOR DEADMEN SHALL BE PRODUCED FROM COMMERCIAL QUALITY AGGREGATES AND CEMENT AND SHALL CONTAIN NOT LESS THAN 275KG OF CEMENT PER CUBIC METER.
10. FENCE FABRIC SHALL BE WOVEN INTO 1" MESH.

**FENCE SELECTION CRITERIA**

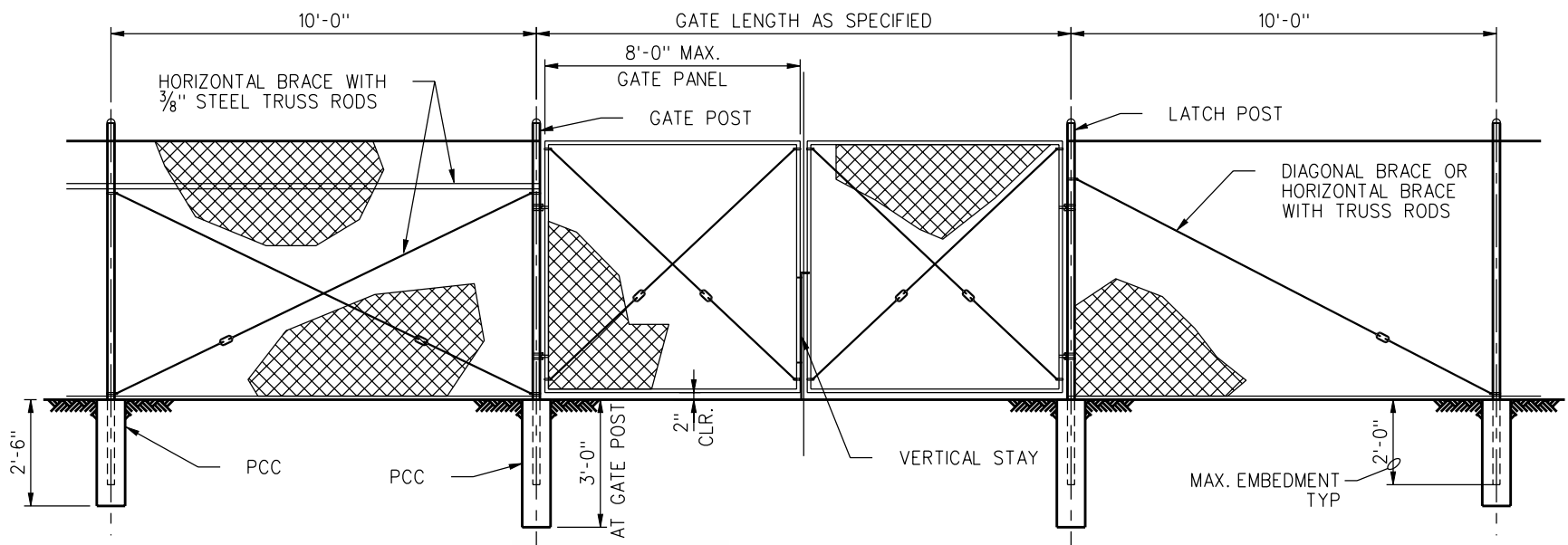
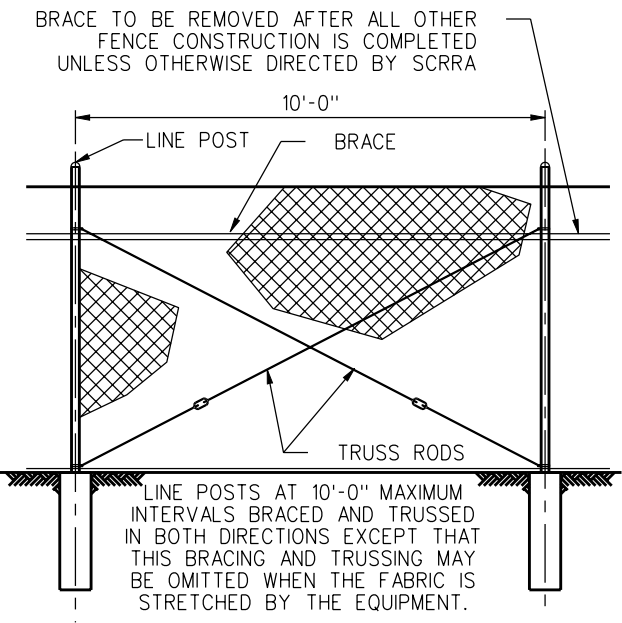
1. CHAIN LINK FENCING SHALL BE USED ONLY FOR MAINTENANCE OF EXISTING CHAIN LINK FENCES.
2. WELDED WIRE MESH FENCING SHALL BE USED FOR ALL RIGHT-OF-WAY FENCES.
3. TUBULAR STEEL FENCING WILL BE USED FOR PROPERTY LEASES AND STORAGE FACILITIES WHERE AESTHETICS ARE A MAJOR CONCERN AND AS DIRECTED BY SCRRRA.
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 SCRRRA. 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 SCRRRA 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.

**TYPICAL MEMBER DIMENSIONING ( SEE NOTES )**

FENCE HEIGHT	LINE POSTS			END, LATCH & CORNER POSTS			BRACES			
	ROUND I.D.	"H"	ROLL FORMED	ROUND I.D.	ROLL FORMED		ROUND I.D.	"H"	ROLL FORMED	
6'-0" & LESS	1/2"	1 7/8" x 1 5/8"	1 7/8" x 1 5/8"	2"	3 1/2" x 3 1/2"	2" x 1 3/4"	1/4"	1/2" x 1 5/16"	1 5/8" x 1/4"	1 3/4" x 1/4"
OVER 6'-0"	2"	2 1/4" x 2"	2" x 1 3/4"	2 1/2"	3 1/2" x 3 1/2"	2 1/2" x 2 1/2"	1/4"	1/2" x 1 5/16"	1 5/8" x 1/4"	1 3/4" x 1/4"

**FABRIC TYPES:**

TYPE CL-4 = 48" FABRIC.  
TYPE CL-6 = 72" FABRIC.



**GATE POST 6'-0" AND LESS**

GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FT.
UP THRU 6'	2 1/2"	4.95
OVER 6' THRU 12'	4"	10.79
OVER 12' TO 18'	5"	14.62
OVER 18' TO 24' MAX.	6"	18.97

**GATE POST OVER 6'-0"**

GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FT.
UP THRU 6'	3"	7.58
OVER 6' THRU 12'	5"	14.62
OVER 12' TO 18'	6"	18.97
OVER 18' TO 24' MAX.	8"	28.55

ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS. LARGER SIZES MAY BE USED ON APPROVAL OF SCRRRA.

PRE-FINAL SUBMITTAL

REV.	DATE	DESCRIPTION	DES.	ENG.
3	05/22/08	REVISED NOTES AND ADDED FENCE SELECTION CRITERIA	AC	NDP
2	10/31/05	REVISED TITLE BLOCK	JMS	MEM
1	04/10/04	REVISED NOTE 1 AND ADDED NOTES 8 & 9	AC	MEM

DRAWN BY: A. CARLOS DATE: 11/20/02

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

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

**ENGINEERING STANDARDS**

RIGHT OF WAY FENCING  
CHAIN LINK FENCE

STANDARD	5106
SCALE:	1/2" = 1'-0"
REVISION SHEET	3 OF 1
CADD FILE:	ES5106