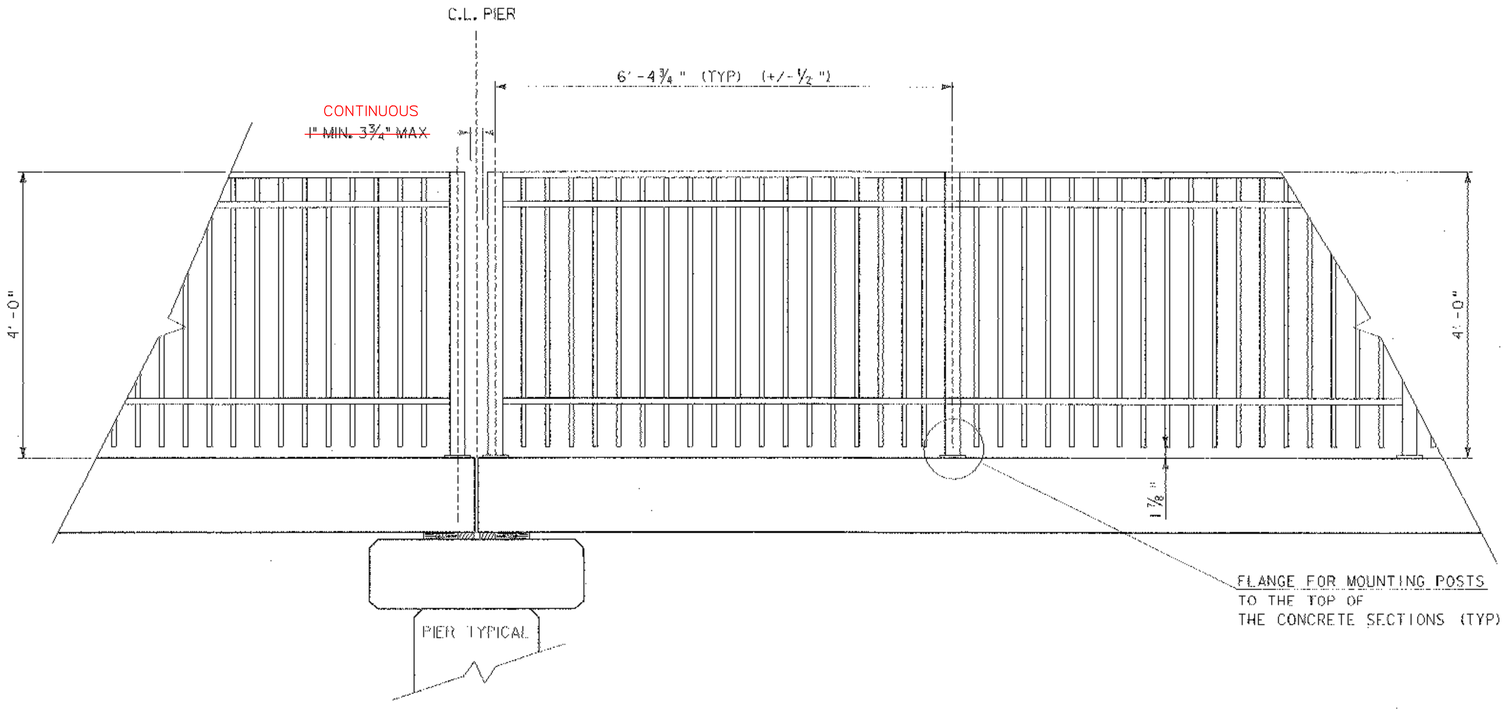

RAIL ELEVATION

SCALE 1" = 1'-0

1 9 6 3 0 1 2

NOTES

RAIL SYSTEM SHALL BE MASTER-HALCO COMMERCIAL CLASSIC PREMIER, ORMANENTAL FENCE OR EQUIVALENT AND SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

All primary fence components; pickets, rails and posts shall be manufactured from coil steel having a yield strength of 50,000 psi.

All primary fence components; pickets, rails and posts shall be galvanized by the hot dip process to meet the requirements of ASTM A526 and shall have a minimum zinc coating thickness of .90 oz/sq. ft. (coating designation G90).

Pickets shall be ¾" sq. 16 ga., cold rolled steel tubing manufactured per ASTM A513.

Rails shall be made of 14 ga., cold rolled steel. The cross-sectional shape of the rails shall conform to the manufacturer's rail design. The cross-sectional outside dimensions of the rails shall be 1-1/2" sq. Each rail shall have a minimum weight of 2.13 pounds per square foot.

Posts shall be 2-1/2" sq., 12 ga., cold rolled steel tubing manufactured per ASTM A513. 2.03 Finish

Galvanized steel fence components shall be subjected to a six-stage wash and pre-treated system which includes a zinc phosphatizer and a non-chromate sealer.

Galvanized steel fence components shall then receive a two-step powder coating applied by the electrostatic spray process. The base coat shall be a thermosetting epoxy powder coating with a minimum coating thickness of 2-4 mils. The top coat shall be a mar-resistant TGIC polyester powder coating with a minimum coating thickness of 2-4 mils.

Color shall be black.

Completed sections shall be capable of supporting a 400 pound load at mid span without permanent deformation.

Gates shall be fabricated using panel material except the uprights which shall be 1-3/4$^{9}/_{32}$ sq. 14 ga. All intersections of gate material shall be joined by welding.

RAIL NOTES ALTERNATE 2

PROJECT NAME:	COLCHESTER
PROJECT NUMBER:	STP BIKE(48)

FILE NAME: /str5/03f038/sf038bdr.dgn	PLOT DATE: 05-AUG-2003
PROJECT LEADER: C. KELLER	DRAWN BY: J. GEORGE
DESIGNED BY: J. GEORGE	CHECKED BY: M.E.M.
sf038rail6.1	SHEET 61 OF 87