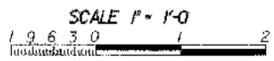
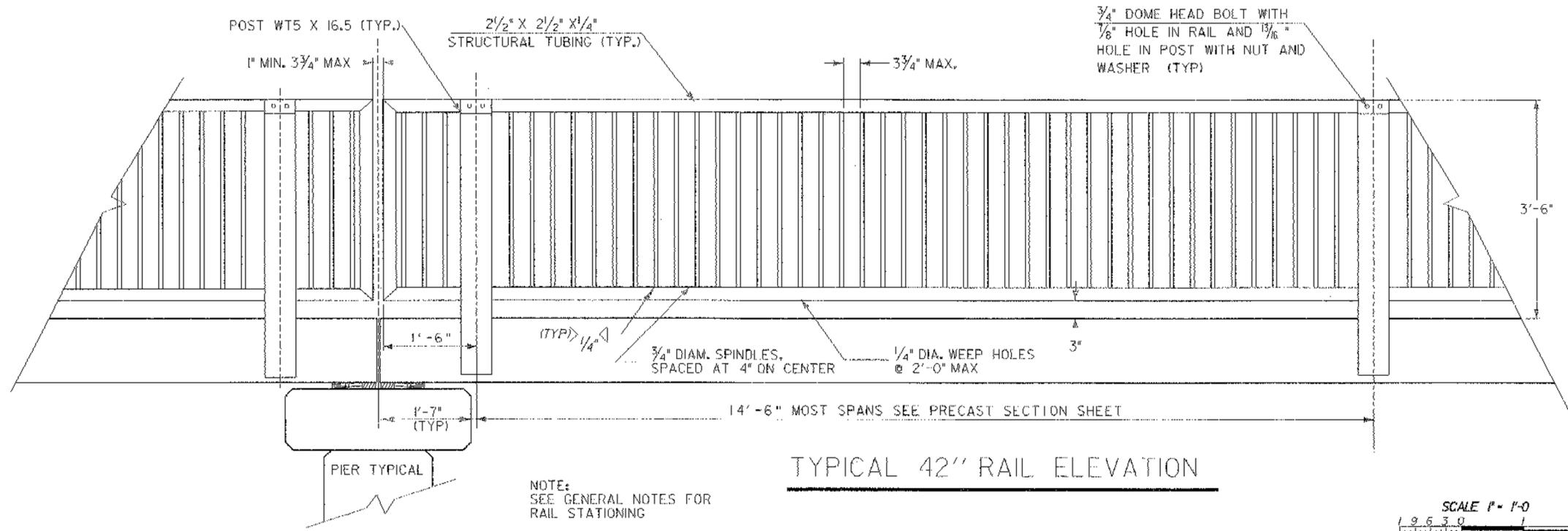


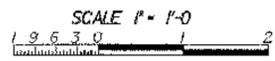
RAIL ELEVATION @ STA 12+15.24



NOT DONE

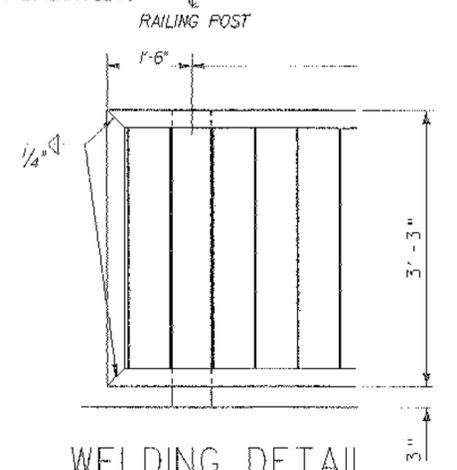


TYPICAL 42" RAIL ELEVATION



NOTES

1. ANCHOR BOLTS, WASHERS AND HEAVY HEX NUTS SHALL BE ONE OF THE FOLLOWING: ASTM A449 OR AASHTO M164 GALV. TO AASHTO M232
2. POSTS, AND SPINDLES SHALL CONFORM TO AASHTO M270, GR 36.
3. STRUCTURAL TUBING RAILS SHALL CONFORM TO ASTM A-500, GRADE B.
4. WELDING SHALL MEET THE REQUIREMENTS OF SECTION 506.10 OF THE STANDARD SPECIFICATIONS
5. UNLESS OTHERWISE NOTED, ANCHOR BOLTS ARE SCREWED INTO GALV. INSERTS CAST INTO THE PRE-CAST CONCRETE SLABS.
6. WHEREVER FEASIBLE, THE HAND RAIL SECTIONS SHALL BE FULL LENGTH (46'-6")
7. VARIATIONS OF THE DETAILS SHOWN MAY BE CONSIDERED, PROVIDED THAT THEY HAVE THE SAME STRENGTH AS THE SYSTEM SHOWN.
8. CUT EDGES SHALL BE GROUND FREE OF BURRS AND RAGGED EDGES. EXPOSED ENDS, IF ANY, SHALL BE COPED.
9. POSTS SHALL BE INSTALLED NORMAL TO GRADE.
10. PEDESTRIAN RAILING SHALL BE PAID FOR UNDER ITEM 525.25, "METAL HAND RAILING (MOD.) (FASCIA MOUNTED PAINTED STEEL)- ALTERNATE 1".
11. ALL MATERIALS PROVIDED UNDER ITEM 525.15, "METAL HAND RAILING (MOD.) (FASCIA MOUNTED PAINTED STEEL)- ALTERNATE 1", AS WELL AS MATERIAL PROVIDED UNDER ITEM NUMBER 620.12, "CHAIN LINK FENCE, 6 FEET (MOD.) (PAINTED STEEL)- ALTERNATE 1", AND ITEM 620.16, "GATE FOR CHAIN-LINK FENCE, 6 FEET (MOD.) (PAINTED STEEL)-ALTERNATE 1", SHALL BE PAINTED IN ACCORDANCE WITH SECTION 513, OF THE SUPPLEMENTAL SPECIFICATIONS. NO GREASING OF THE PAINTED STEEL IS REQUIRED. THE FINAL COLOR OF THESE ITEMS WILL BE BLACK.
12. ALL PAINTING SHALL BE DONE UNDER SHOP CONDITIONS.
13. PAYMENT FOR THE PREPARATION, CONTAINMENT, PAINTING, AND ANY TESTING OF THE COATINGS, SHALL BE INCLUDED IN THE PAY ITEMS LISTED IN NOTE 11, AND SHALL NOT BE PAID FOR SPERATELY.



WELDING DETAIL END OF RAIL UNITS (TYP) **RAIL DETAILS ALTERNATE 1**

PROJECT NAME:	COLCHESTER	PLOT DATE:	05-AUG-2003
PROJECT NUMBER:	STP BIKE(48)	DRAWN BY:	J. GEORGE
FILE NAME:	/str5/03f038/sf038bdr.dgn	CHECKED BY:	M.E.M.
PROJECT LEADER:	C. KELLER	SHEET	53 OF 87
DESIGNED BY:	J. GEORGE		
FILE NAME:	sf038r.dwg		