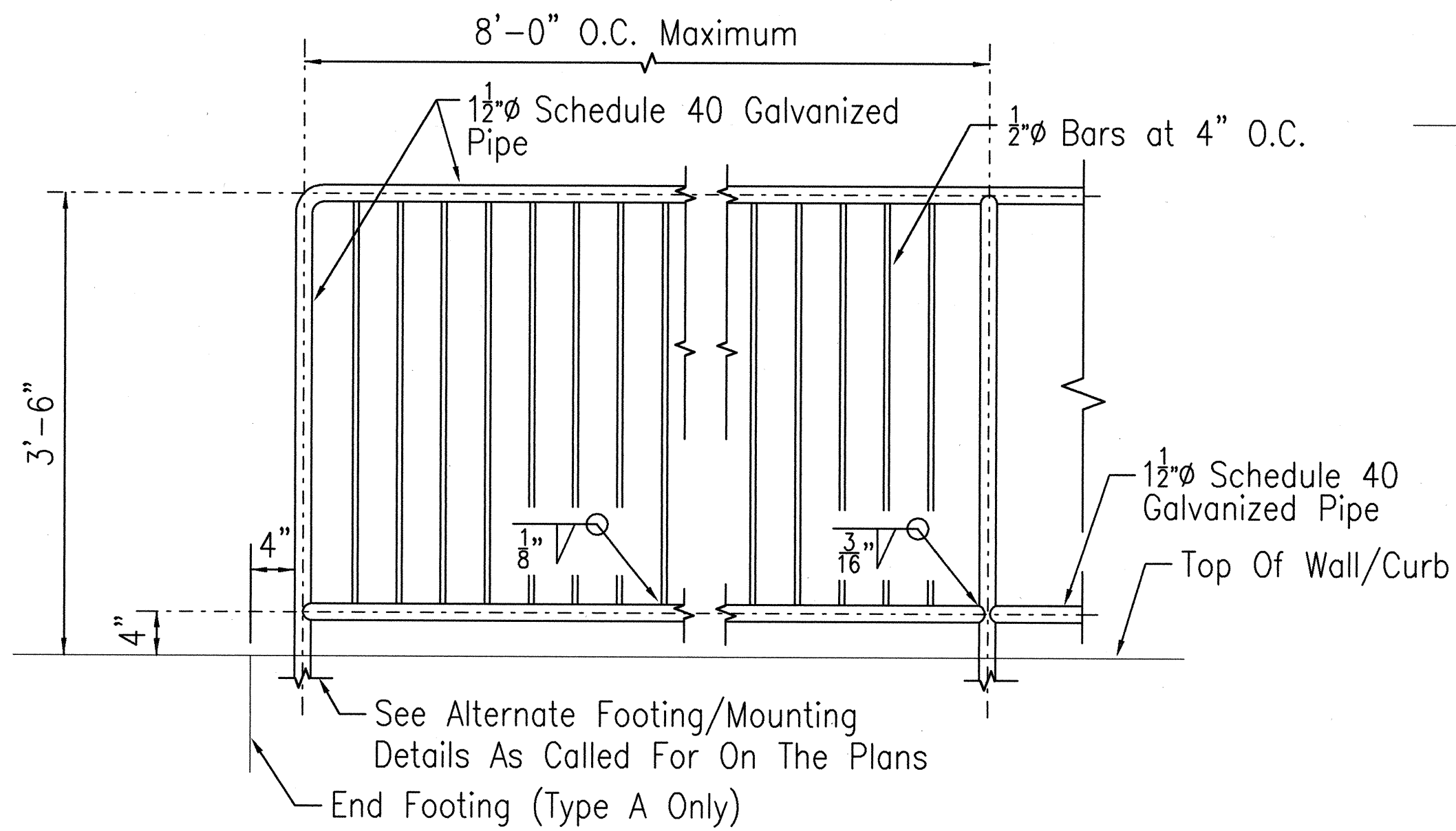
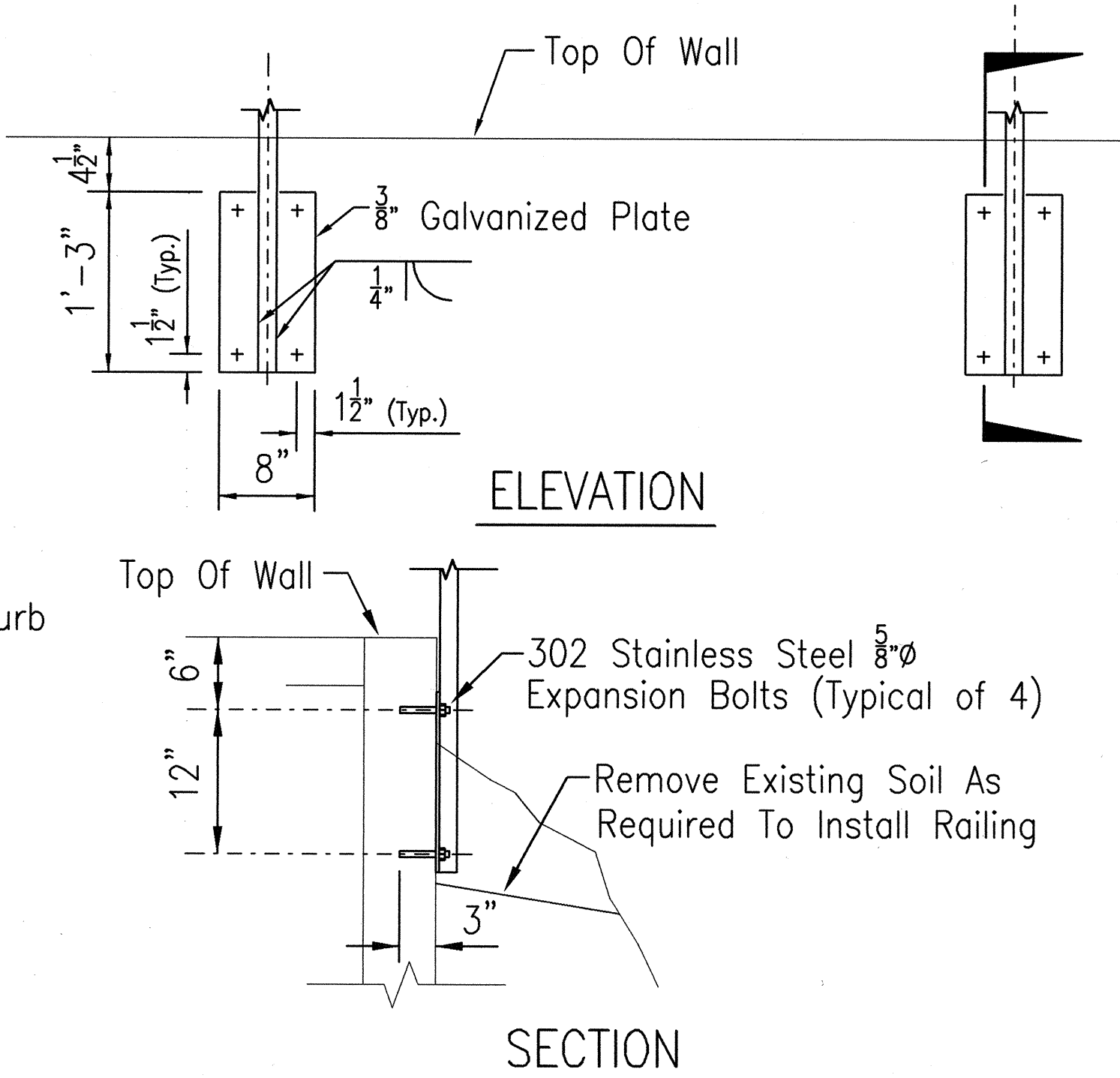


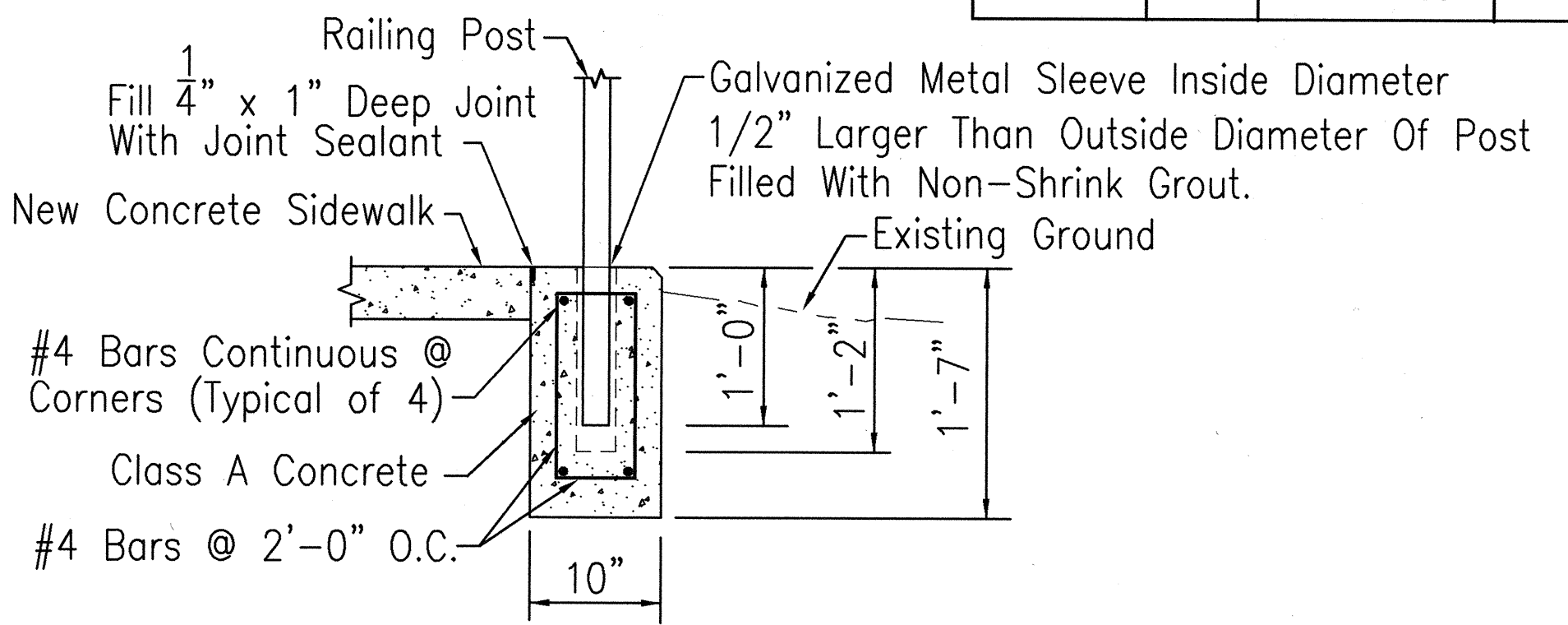
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50B-01-00M	2002	23	40



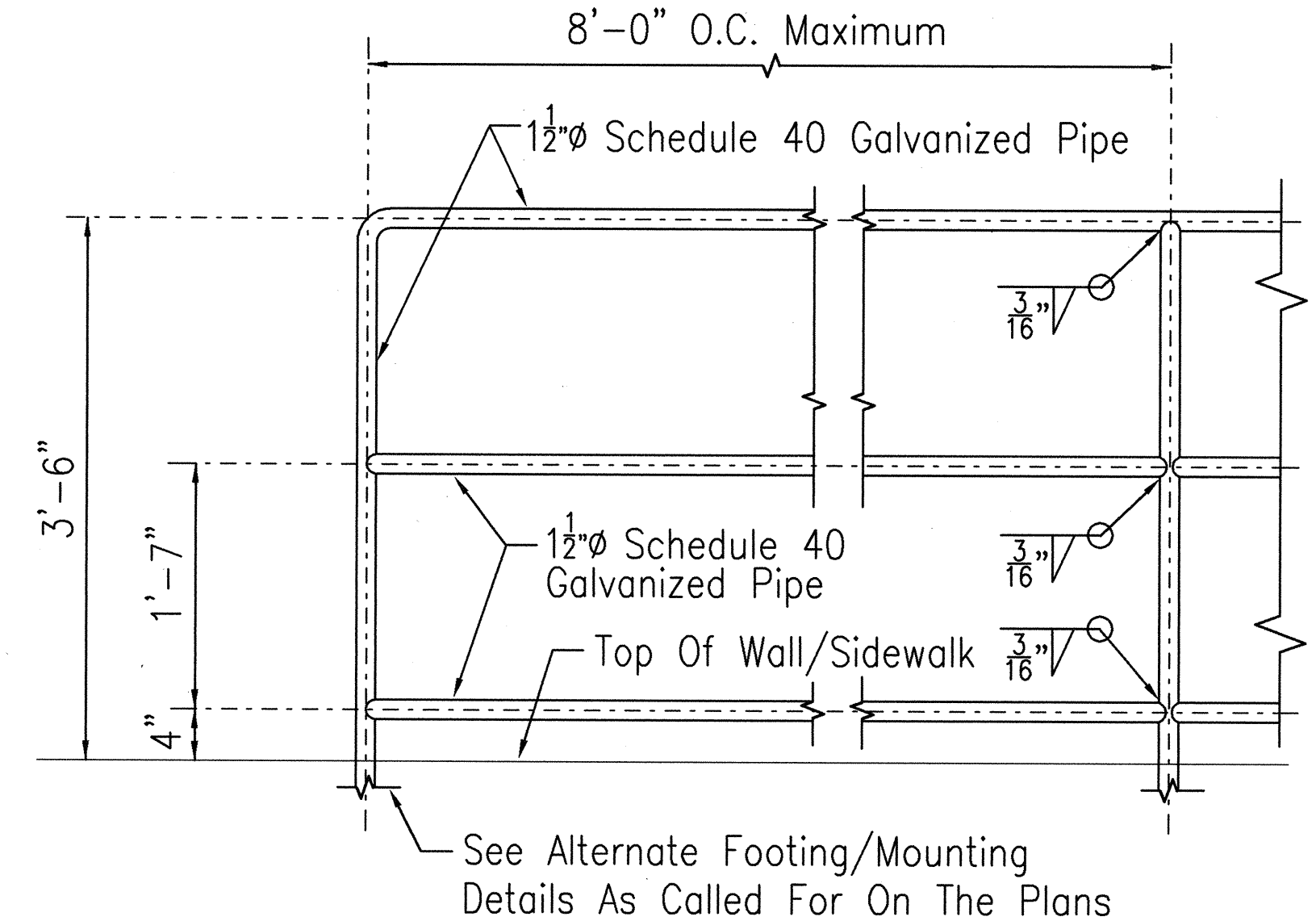
4 TYPE A RAILING DETAIL
C4,C9 C17 SCALE: 1" = 1'-0"



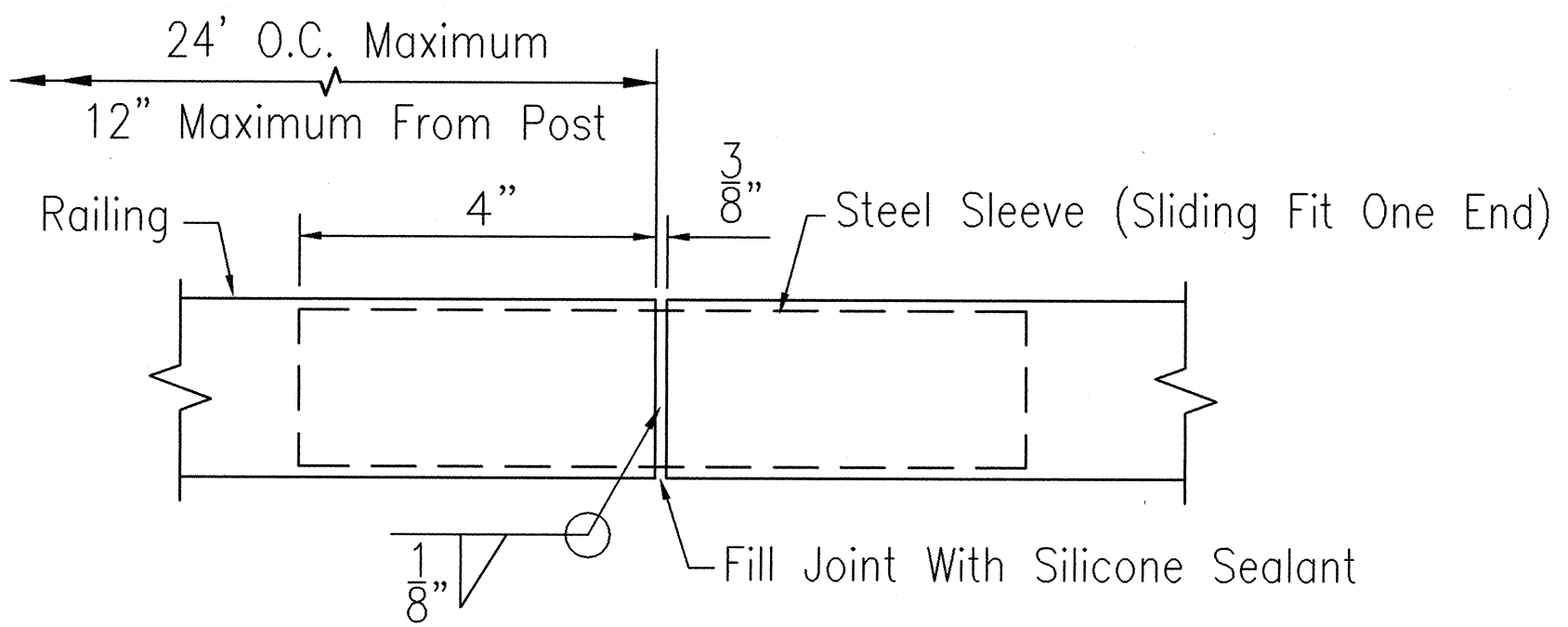
7 RAILING MOUNTING DETAIL
C9 C17 SCALE: 1" = 1'-0"



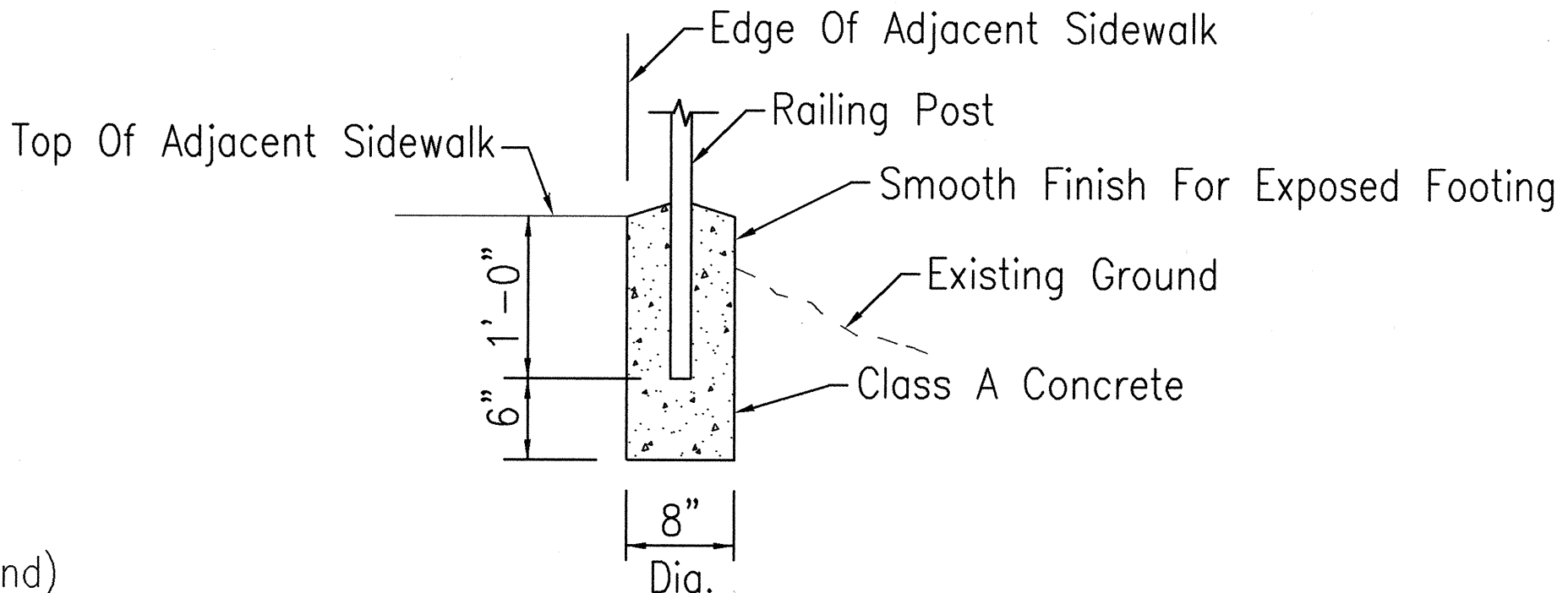
RAILING FOOTING, TYPE A
SCALE: 1" = 1'-0"



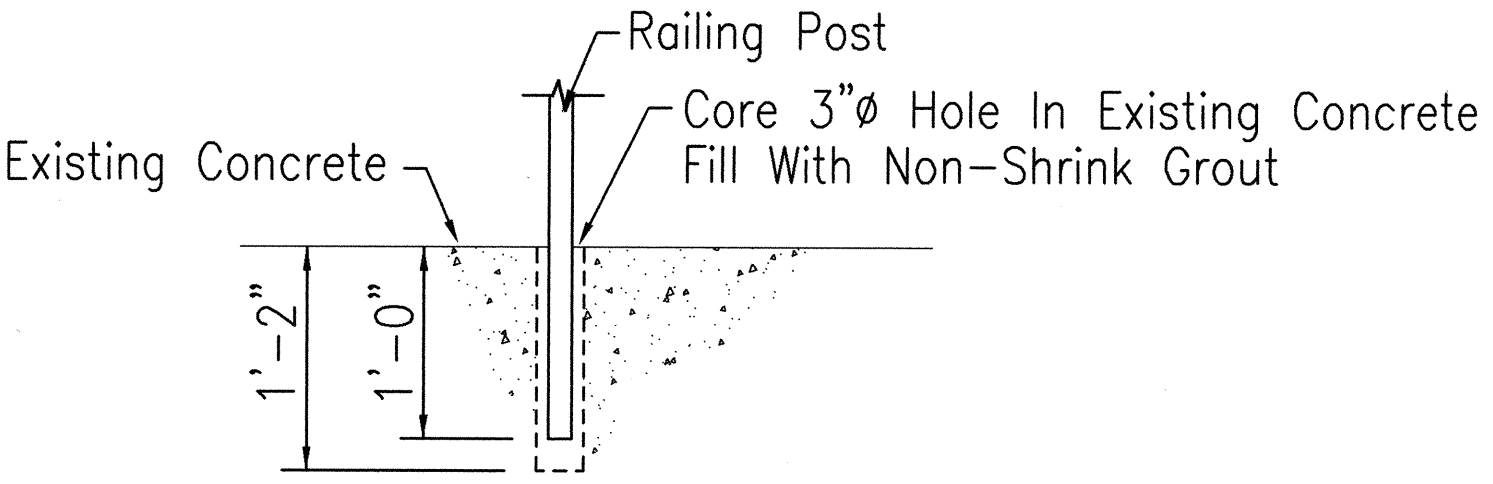
5 TYPE B RAILING DETAIL
C14,C15 C17 SCALE: 1" = 1'-0"



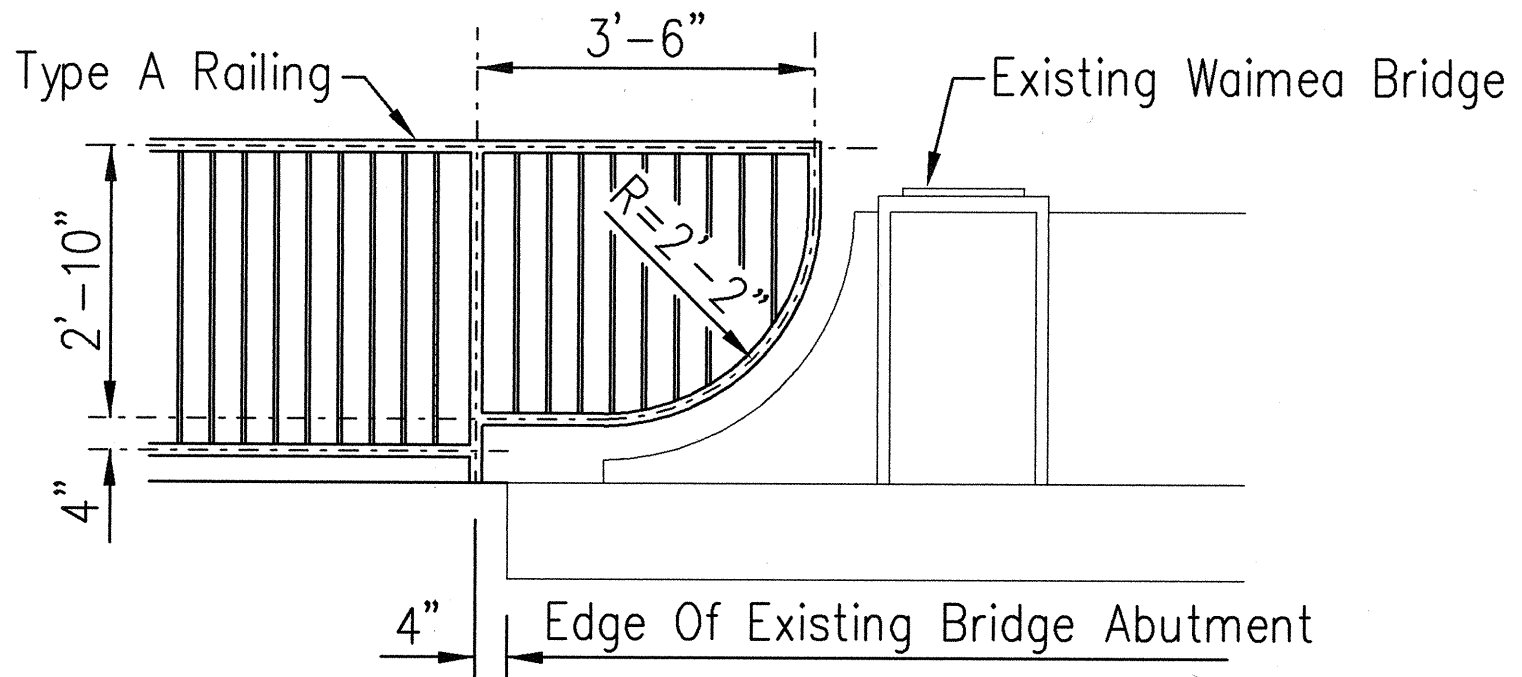
8 TYPICAL RAILING EXPANSION JOINT
S2,C17 C17 Not To Scale



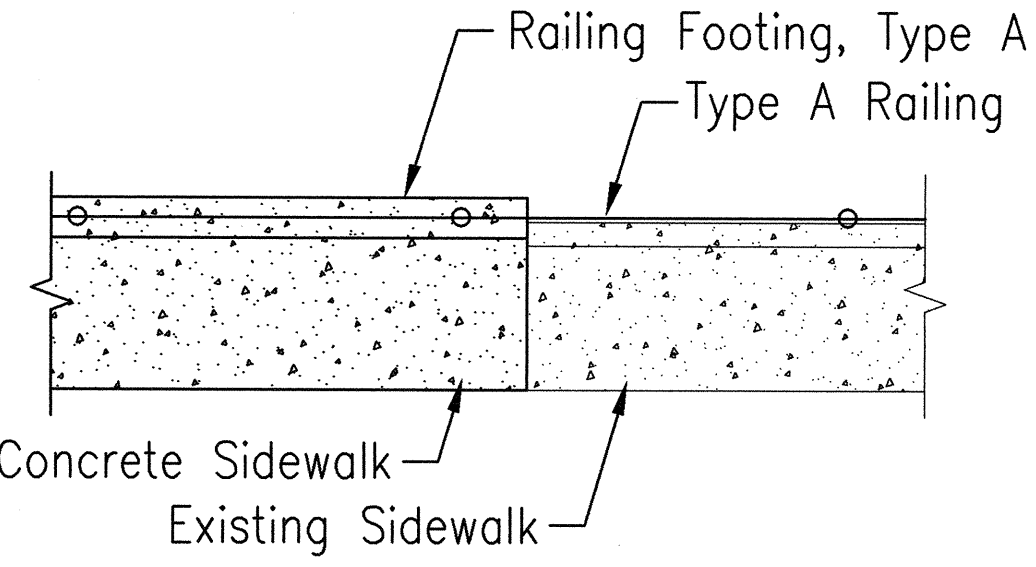
RAILING FOOTING, TYPE B
SCALE: 1" = 1'-0"



RAILING FOOTING, TYPE C
SCALE: 1" = 1'-0"



6 RAIL TERMINATION AT WAIMEA BRIDGE
C9 C17 SCALE: 1/2" = 1'-0"



9 TRANSITION DETAIL
C9 C17 SCALE: 1/4" = 1'-0"

- Notes:
- For Railing Expansion Joint Locations See Detail 8
 - Railing Shall Be Galvanized After Fabrication.

PM : GKC
OPER : LSA/GKC/MAM/PT*
REVISED : 04/09/01

DATE : 07/03/00
PLOT SCALE : 1" = 1'
FILE : 9930-C17.DWG
JOB NO. : 9930

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: *June J. Nakamura*
DATE: 12/14/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAILING DETAILS

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge To Waimea Canyon Drive
Project No. 50B-01-00M

Scale: As Noted Date: 12/13/00
SHEET NO. C17 OF C23 SHEETS