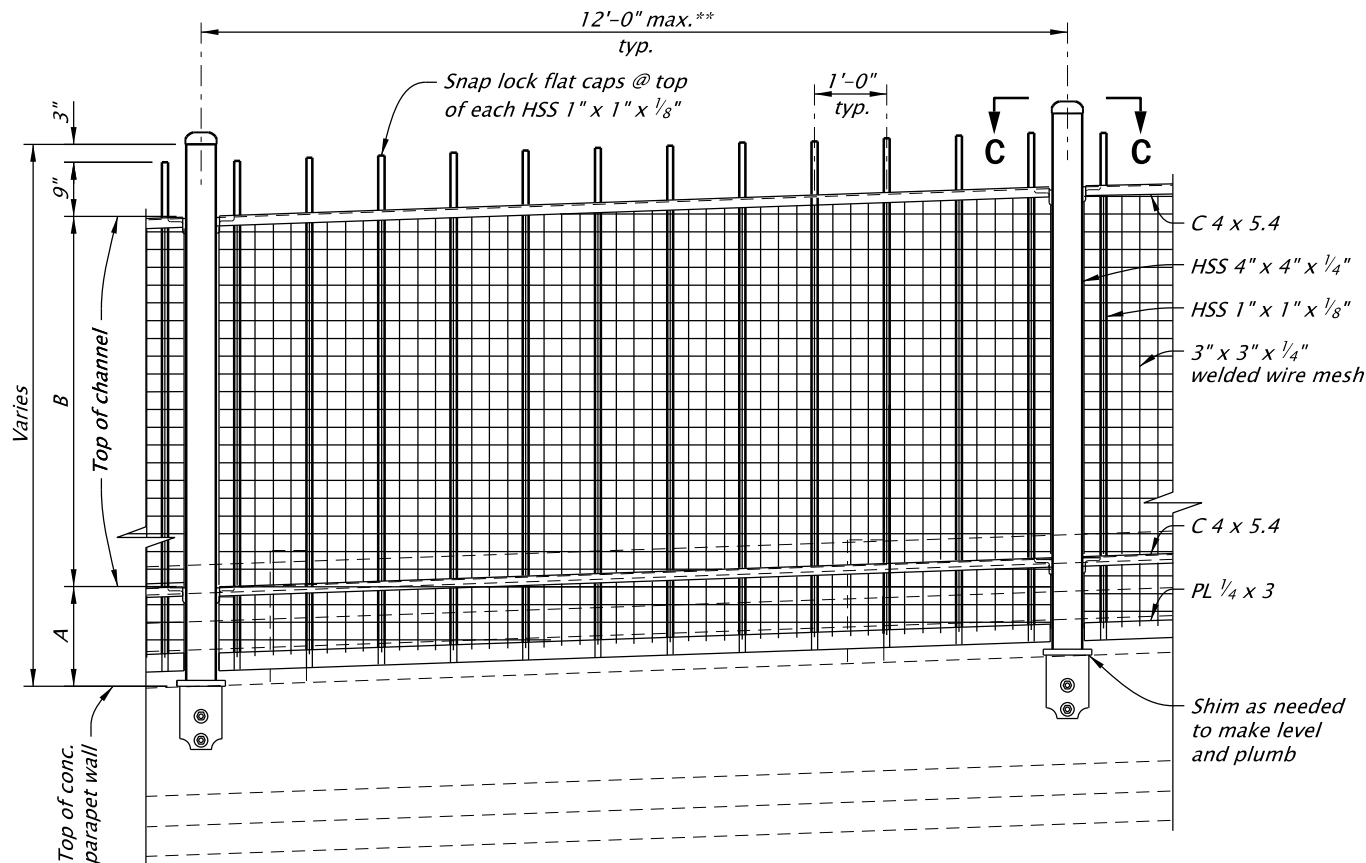




ELEVATION - TYPICAL SCREENING PANEL

Scale: 3/8"=1'-0"

Bridge No.	A	B

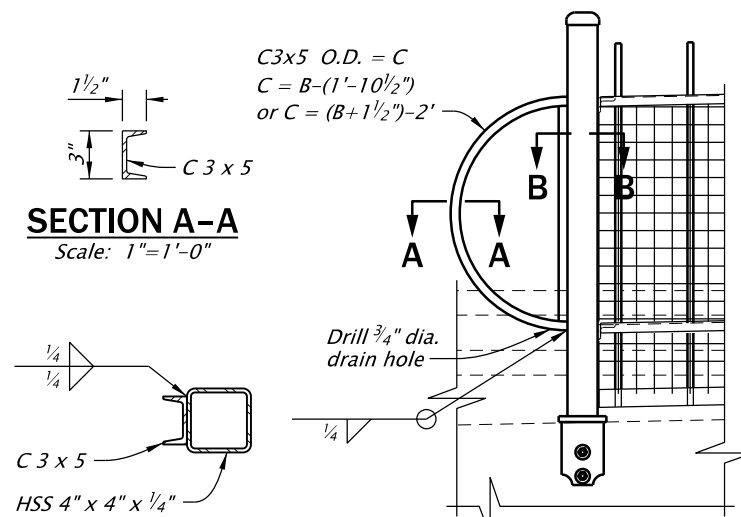
A= 1'-2 1/2" thru 1'-5 1/2"
B= 5'-0 1/2" thru 5'-3 1/2"

NOTES

Slope of screening panels may vary.
See plan sheets for additional details at specific structures.
Screening panels shall match the slope of the bridge ($\pm 1\%$ slope) while maintaining vertical alignment of wire mesh and 1" square tubing.
Fabricate parallelogram panels in 0, 2, 4, 6, 8% step increments.
See [DET3244](#) for Fence Support Details.

WIRE MESH ATTACHMENT NOTES

Provide 3/16" long flare bevel groove welds @ 2'-0" each way to 1" square tubes.
Provide a minimum of 2 welds in mesh below bottom C4 x 5.4.
Wire mesh to be parallel with vertical bars.
Place and weld wire mesh on the outside face of the protective screening.
Maximum 1/4" gap between wire mesh and edge members.

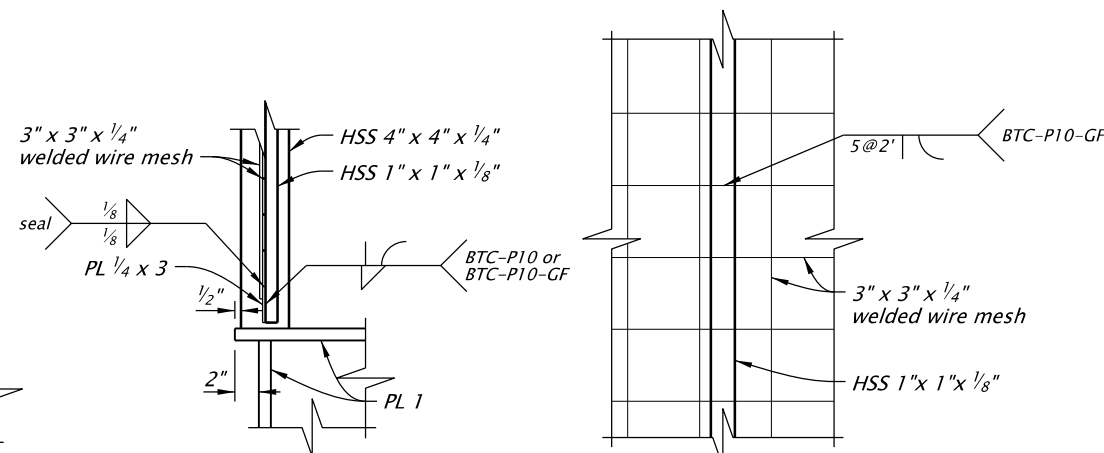


SECTION A-A

Scale: 1"=1'-0"

DETAIL 'A'

Scale: 3/8"=1'-0"

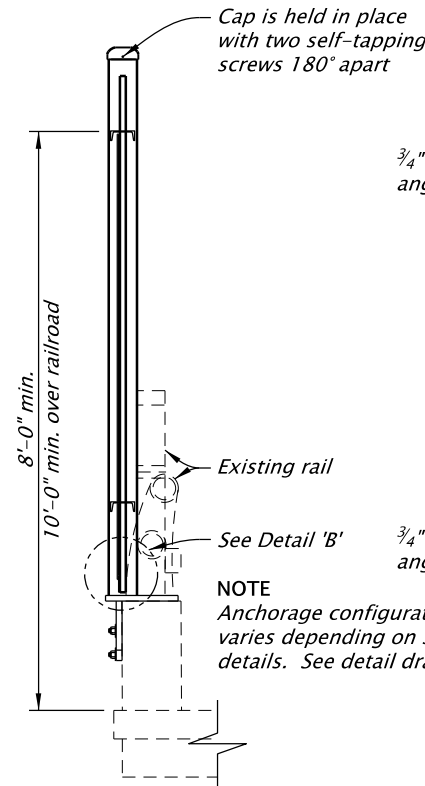


DETAIL 'B'

Scale: 3/4"=1'-0"

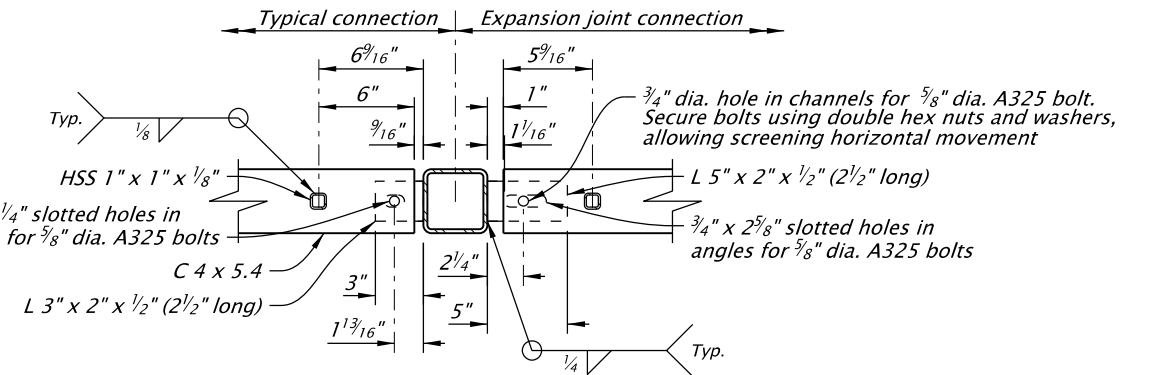
WIRE MESH ATTACHMENT

Scale: 1 1/2"=1'-0"

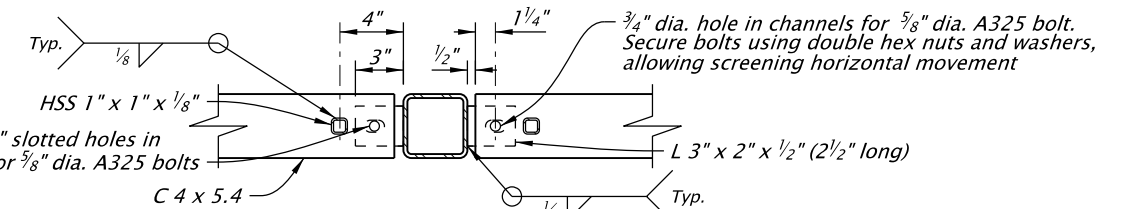


SECTION C-C

Scale: 3/8"=1'-0"



TYPICAL EXPANSION JOINT CONNECTION DETAIL



TYPICAL CONNECTION DETAIL

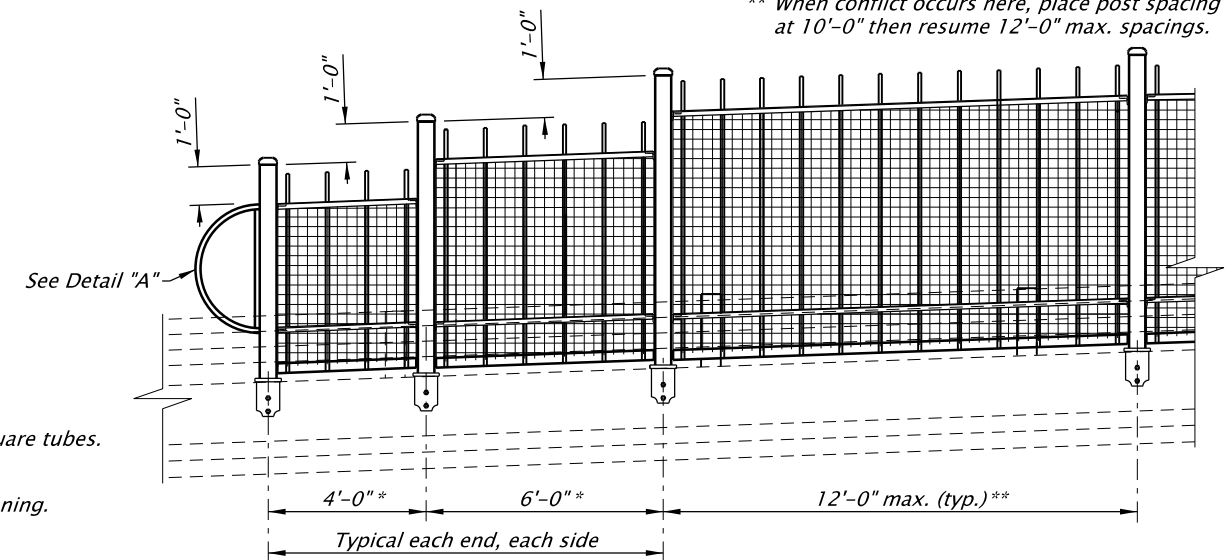
SECTION C-C

Scale: 1"=1'-0"

NOTES

* When conflict occurs here, place end post spacing at 5'-0" and 5'-0" (second choice) or 6'-0" and 6'-0" (third choice).

** When conflict occurs here, place post spacing at 10'-0" then resume 12'-0" max. spacings.



SCREENING PANEL STEP DETAIL

Scale: 1"=5'

Accompanied by drawing [DET3244](#)

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION



ENGINEERING AND
TECHNICAL SERVICES BRANCH

ORNAMENTAL PROTECTIVE
SCREENING MISCELLANEOUS
FENCE DETAILS

DETAIL NO.

DET3243