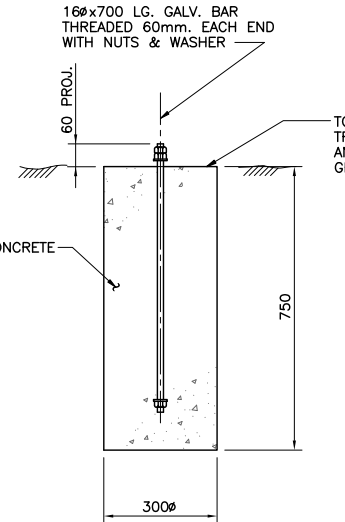
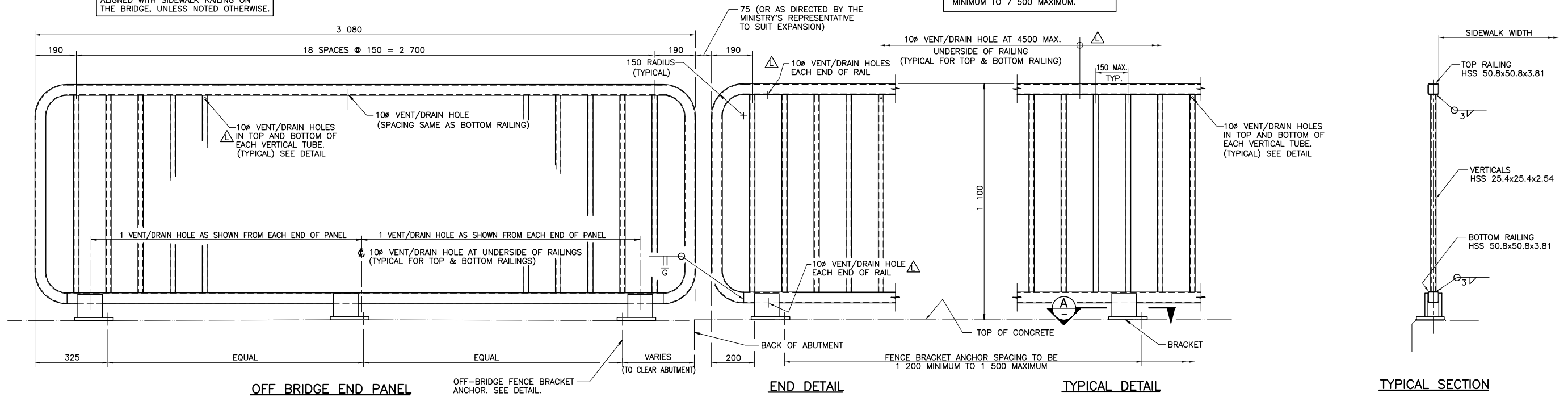
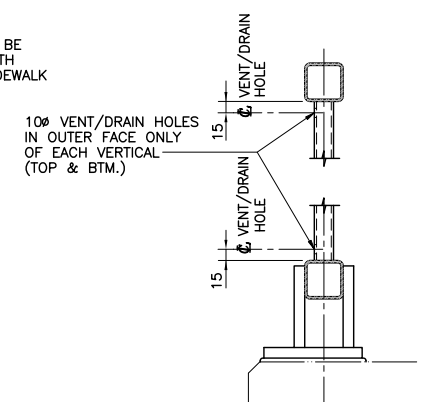


NOTE:
PANEL SECTION OFF BRIDGE TO BE
ALIGNED WITH SIDEWALK RAILING ON
THE BRIDGE, UNLESS NOTED OTHERWISE.

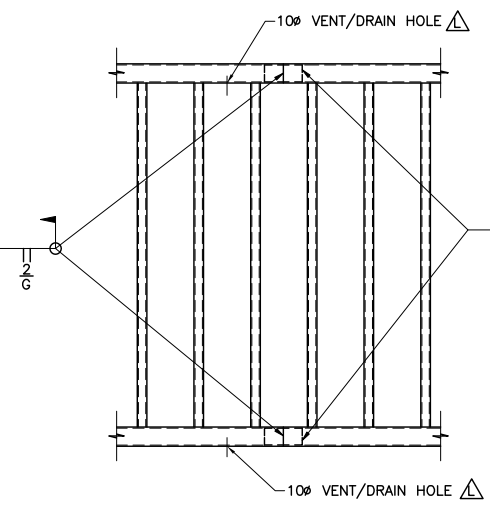
NOTE:
FENCE PANEL LENGTH TO BE 4 500
MINIMUM TO 7 500 MAXIMUM.



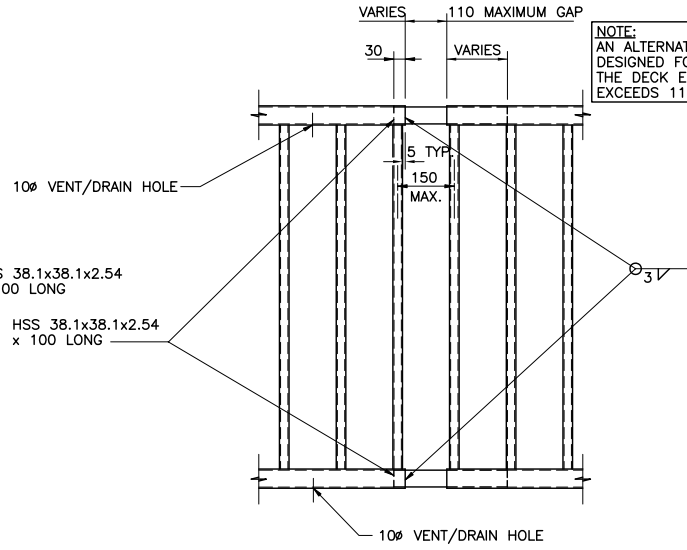
OFF-BRIDGE FENCE BRACKET ANCHOR DETAIL



DETAIL AT VENT/DRAIN HOLES IN VERTICALS
SCALE 1:5



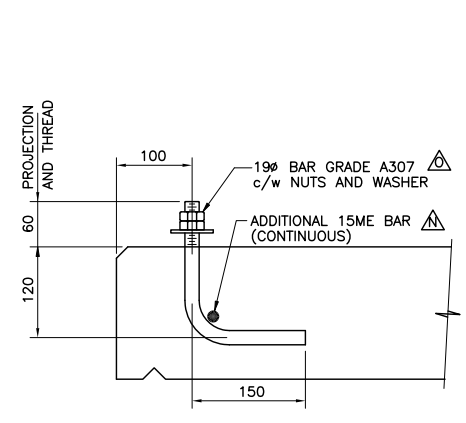
TYPICAL RAIL SPLICE



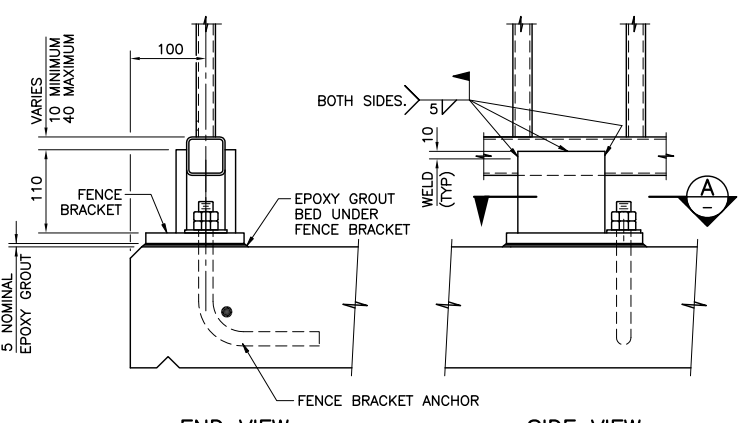
RAIL EXPANSION JOINT

NOTE:
AN ALTERNATE DETAIL MUST BE
DESIGNED FOR LOCATIONS WHERE
THE DECK EXPANSION JOINT GAP
EXCEEDS 110mm

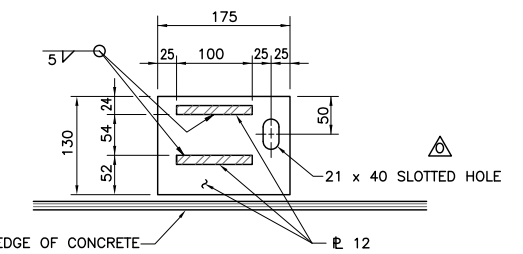
- NOTES:**
- FABRICATION TO BE IN ACCORDANCE WITH M.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 422, 'MISCELLANEOUS STEELWORK'.
 - STEEL SHALL CONFORM TO:
 - ALL HSS TUBING TO BE CAN/CSA G40.21, GRADE 350W OR ASTM A500 GRADE C.
 - ALL OTHER STEEL TO BE CAN/CSA G40.21, GRADE 300W
 - FENCE SECTIONS, BRACKETS AND ANCHORS TO BE GALVANIZED AFTER FABRICATION.
 - GALVANIZING SHALL CONFORM TO CAN/CSA G164M.
 - FIELD CONNECTIONS TO BE WELDED.
 - RAIL ELEMENTS TO BE USED IN CURVES HAVING A RADIUS OF 300 m OR LESS SHALL BE SHOP-FORMED TO THE REQUIRED CURVATURE.
 - FENCE BRACKETS ARE TO BE INSTALLED ON A 5 mm NOMINAL THICK THIXOTROPIC EPOXY LEVELLING COURSE TO ENSURE A COMPLETE BEARING SURFACE.
 - FOR FENCES ON PEDESTRIAN OVERPASS RAMPS, THE ENDS OF PANELS AND VERTICAL TUBES SHALL BE PLUMB.



FENCE BRACKET ANCHOR
SCALE 1:5



TYPICAL DETAIL AT FENCE BRACKET
SCALE 1:5



SECTION A
SCALE 1:5

NOTE:
RAILING EXPANSION JOINT TO BE LOCATED AT DECK JOINTS AND AT 30m MAXIMUM SPACING. WHERE THE SPAN BETWEEN DECK JOINTS IS: <30m, NO ADDITIONAL EXPANSION JOINTS; <60m, ADDITIONAL EXPANSION JOINT AT MID SPAN

AUTHORIZED BY

ORIGINAL SIGNED BY P BRETT DIRECTOR OF BRIDGE ENGINEERING DATE 1997-04-21	ORIGINAL SIGNED BY M. CLARK CHIEF HIGHWAY ENGINEER DATE 1997-04-21
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Rev	Date	Description	Init
L	FEB 95	VENT/DRAIN HOLES	BGDC
K	AUG 95	RAIL SPLICE AND PANEL LENGTH	KL
M	FEB 05	REVISED MINISTRY BORDER	WHK
N	DEC 05	GENERAL REVISIONS	DRM
O	JUNE 10	ANCHOR SIZE, EXP. JOINT LOCATIONS, MATERIAL SPEC.	WHK

BRITISH COLUMBIA Ministry of Transportation Bridge Engineering

STANDARD STEEL SIDEWALK FENCE

PREPARED UNDER THE DIRECTION OF ORIGINAL SIGNED BY K W HO ENGINEER OF RECORD SENIOR BRIDGE DESIGN ENGINEER DATE 1997-04-21	DESIGNED CW/KB DATE APR. 92 CHECKED JES DATE APR. 92 DRAWN RYC DATE APR. 92 SCALE 1:10 & AS NOTED NEGATIVE No.	FILE No.	PROJECT No.	REG.	DRAWING No. 2891-1
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