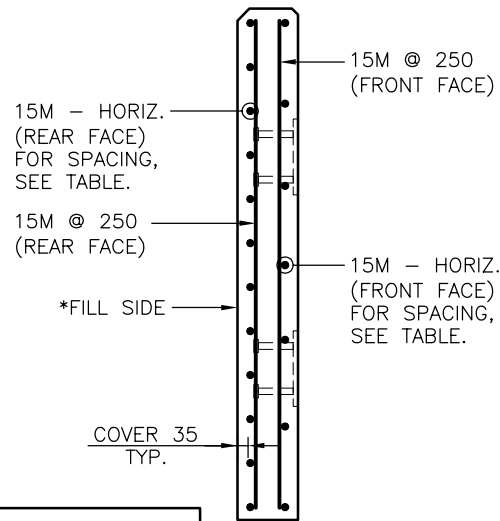


CONNECTION DETAILS



REINFORCEMENT DETAILS

*FILL SIDE OF WALL TO BE CLEARLY MARKED

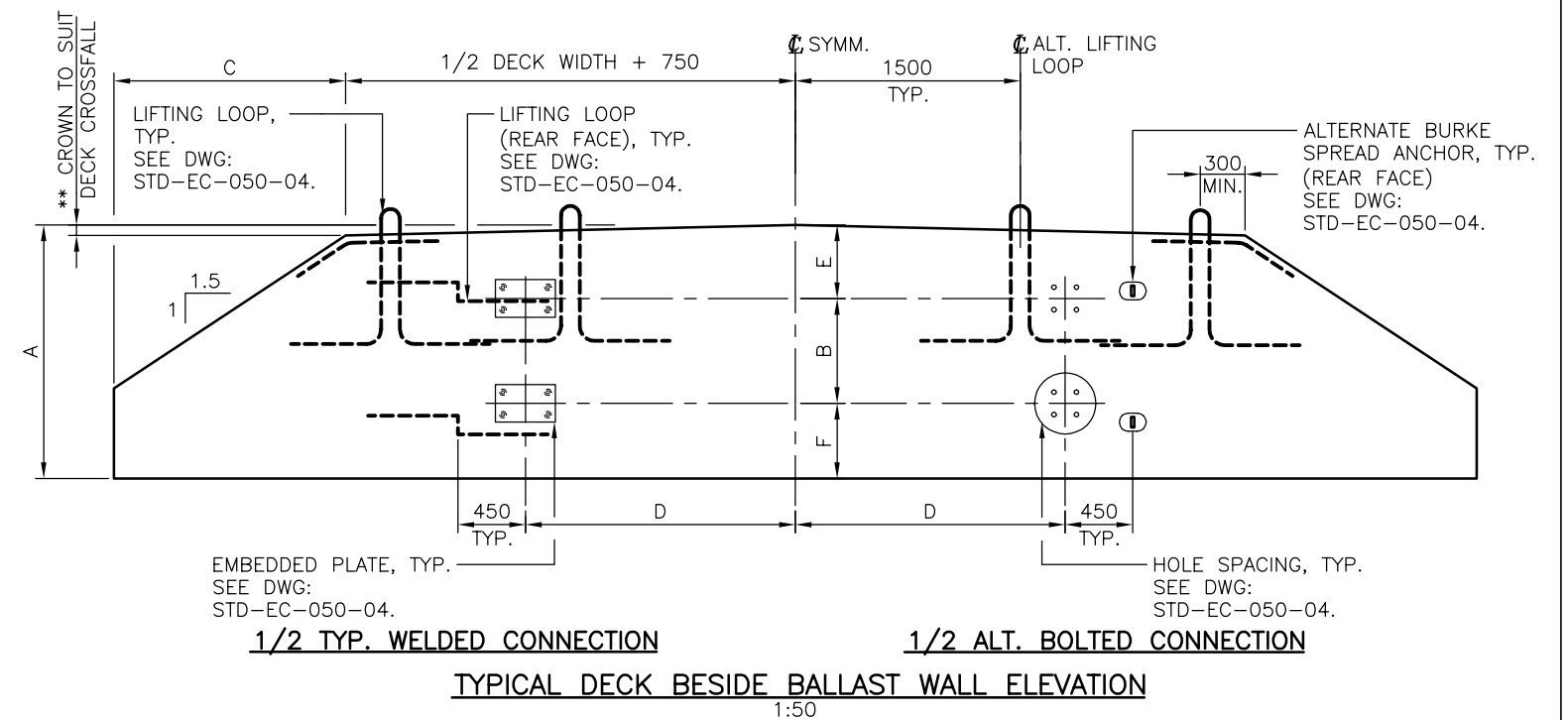
BALLAST WALL DETAILS
1:25

****NOTE:**
TOP OF WALL IS FLAT FOR
TIMBER DECK BRIDGE.

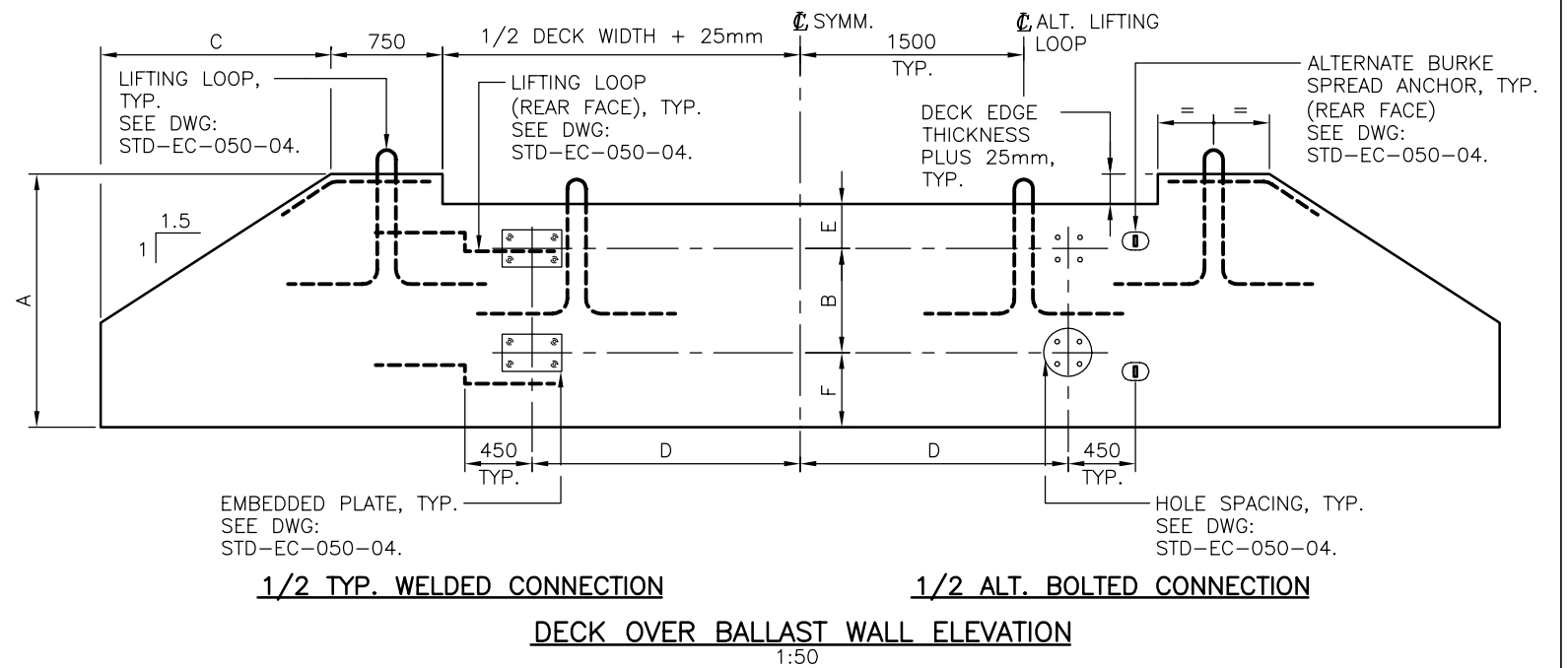
STANDARD DIMENSIONS	
A	TYPICALLY (G + H _G + 250) MINIMUM = (G + H _G + 100)
B	(H _w - 500)
C	1.5 x (A - 470)
D	GIRDER SPACING: 1500 - (14') 1800 - (16')
E	(G + 265) 265 (FOR PUSH-THROUGH DECK)
F	MAXIMUM = 500 MINIMUM = 300 ENSURE NO CONFLICT BETWEEN BOTTOM OF WALL & SUPERSTRUCTURE
G	BCL-625 = 225 L100 = 250 L150 & L165 = 275
LEGEND	G = DECK THICKNESS ON ϕ H _G = OVERALL GIRDER HEIGHT H _w = GIRDER WEB HEIGHT

ASSUME NOT TO SCALE
ORIGINAL SIGNED AND SEALED

DIMENSIONS	SPACING	
	REAR FACE	FRONT FACE
A ≤ 1600	150	250
1600 < A ≤ 2000	125	250
2000 < A ≤ 2400	100	200
2400 < A ≤ 2800	75	150



TYPICAL DECK BESIDE BALLAST WALL ELEVATION
1:50



DECK OVER BALLAST WALL ELEVATION
1:50

DESIGN ENGINEER	0 2 4 6 8 10 meters	Ministry of Forests, Lands and Natural Resource Operations ENGINEERING BRANCH
	SCALE AS SHOWN BAR LENGTH IS 40mm ON ORIGINAL.	
Checked JULIEN HENLEY Date 14/04/01	Drawn ERFUN FARJOO Date 14/04/01	STANDARD BRIDGE DRAWING DRAWING TITLE: CONCRETE BALLAST WALL DETAILS FOR STEEL BRIDGES - SHEET 1
Rev Date DESCRIPTION Init		
DESIGNED BY: HELEN DU, P.ENG.	APPROVED BY:	COORDINATING REGISTERED PROFESSIONAL: HELEN DU, P.ENG.
FILE No.	DRAWING No. STD-EC-050-03	
PROFESSIONAL SEAL	REVISIONS	0