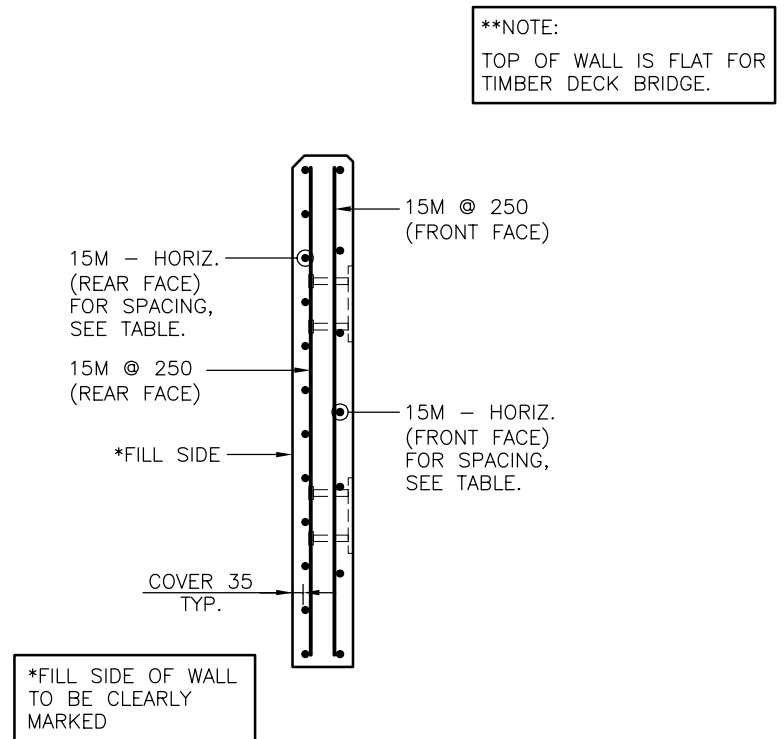


**CONNECTION DETAILS**



**REINFORCEMENT DETAILS**

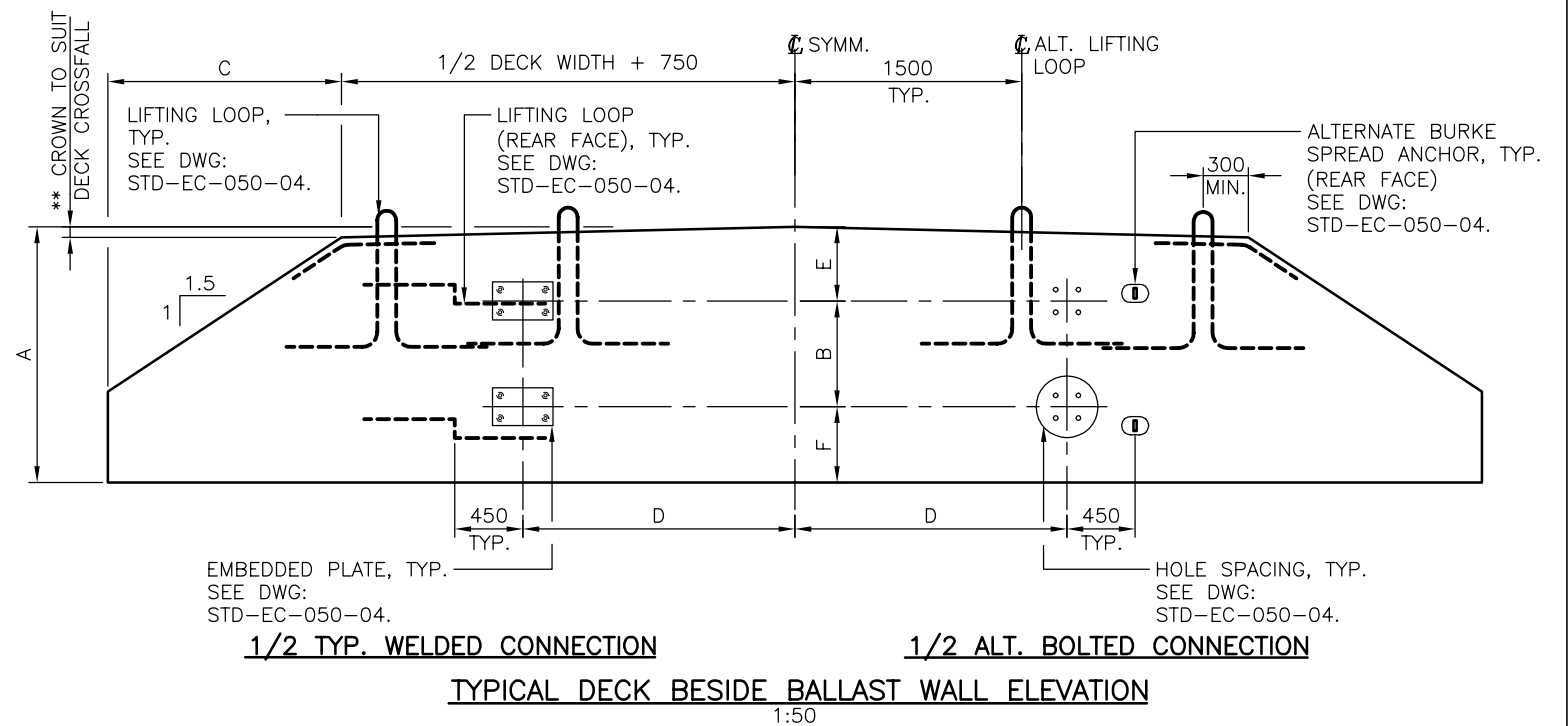
**BALLAST WALL DETAILS**  
1:25

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

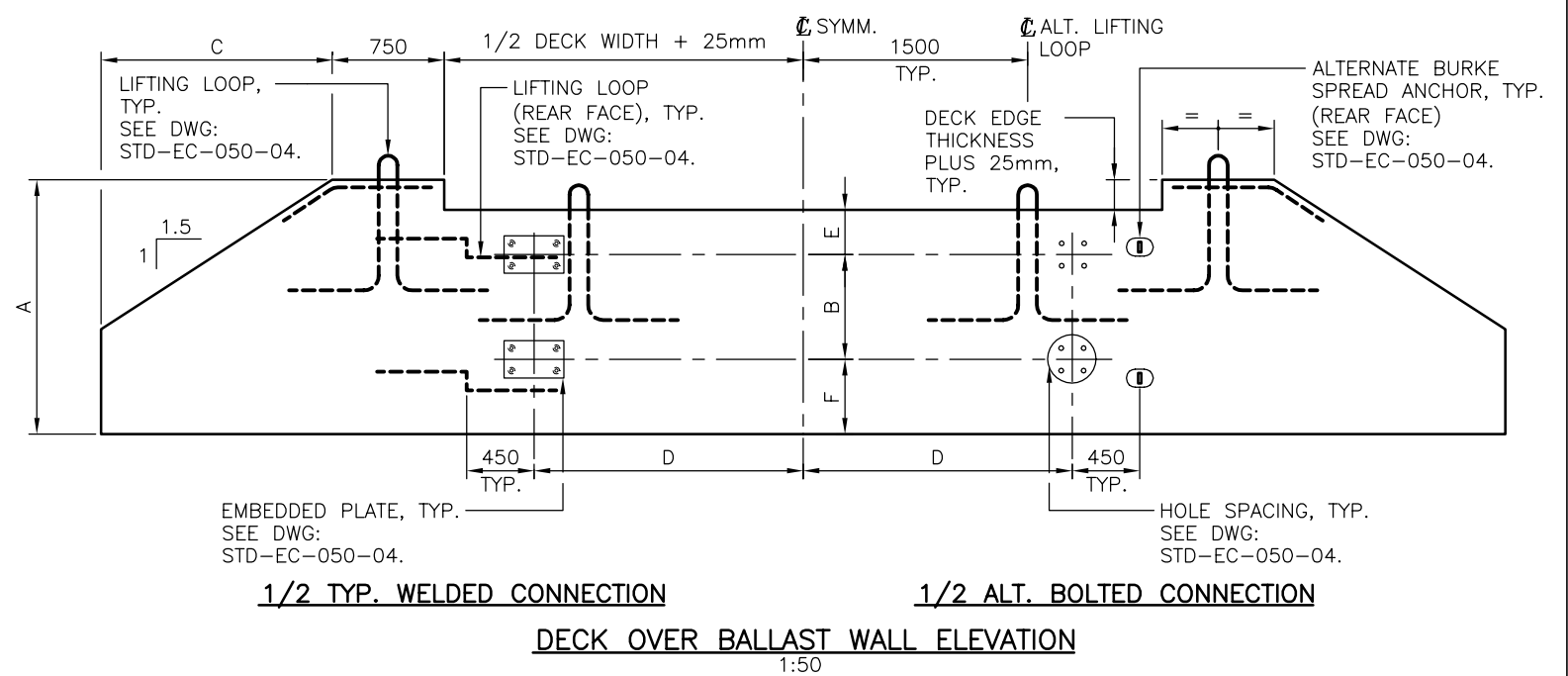
STANDARD DIMENSIONS	
A	TYPICALLY (G + H <sub>G</sub> + 250) MINIMUM = (G + H <sub>G</sub> + 100)
B	(H <sub>w</sub> - 500)
C	1.5 x (A - 470)
D	GIRDER SPACING: 1500 - (14') 1800 - (16')
E	(G + 265) 265 (FOR PUSH-THROUGH DECK)
F	MAXIMUM = 500 MINIMUM = 300 ENSURE NO CONFLICT BETWEEN BOTTOM OF WALL & SUPERSTRUCTURE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

**ASSUME NOT TO SCALE  
NOT FOR CONSTRUCTION**

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
	0 20 40 mm	
PROFESSIONAL SEAL	SCALE AS SHOWN	<b>STANDARD BRIDGE DRAWING</b> DRAWING TITLE: CONCRETE BALLAST WALL DETAILS FOR STEEL BRIDGES - SHEET 1
	Checked JULIEN HENLEY Date 14/04/01 Drawn ERFUN FARJOO Date 14/04/01	
	BAR LENGTH IS 40mm ON ORIGINAL.	DESIGNED BY: HELEN DU, P.ENG.
	REVISIONS	APPROVED BY:
		COORDINATING REGISTERED PROFESSIONAL: HELEN DU, P.ENG.
		FILE No.
		DRAWING No. STD-EC-050-03