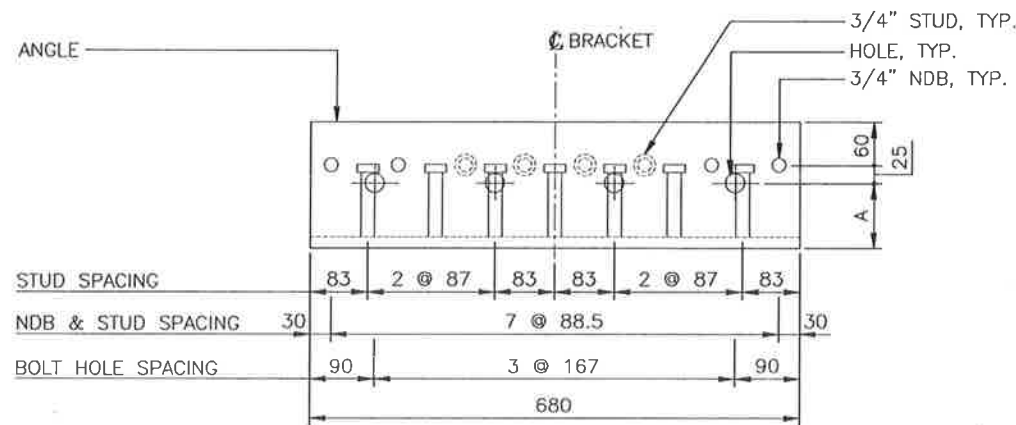
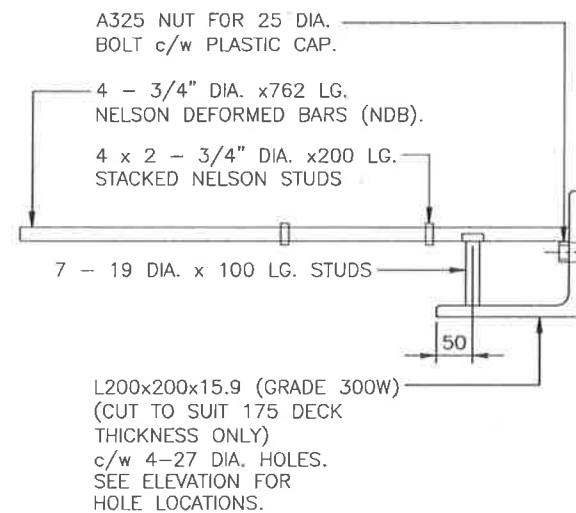


INSERT PLAN  
1:10

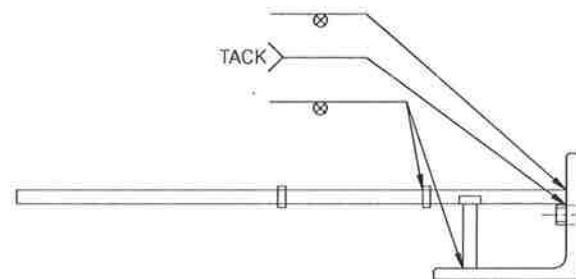


INSERT ELEVATION  
1:10

DECK THICKNESS	A
175	90
200	115
225	140



DETAIL 1  
1:10



DETAIL 1  
1:10  
(WELDING ONLY)

NOTES:

GENERAL

- INSERTS HAVE BEEN DESIGNED TO MEET THE CRITERIA FOR CONTAINMENT LEVEL CL-3 AS DEFINED BY THE MINISTRY.

MATERIALS

- STEEL: STUDS TO ASTM A108 - GRADE 1015, 1018 OR 1020.

NELSON DEFORMED BARS (NDB) TO ASTM A108 - GRADE 1010 - 1020, - MIN. Fy = 485 MPa.

ANGLE TO CSA G40.21M - GRADE 300W (GALVANIZED)

NUTS TO ASTM A325 TYPE 3

- STEEL FABRICATION:

WELDING:

- SHOP WELDING IN ACCORDANCE WITH CSA W59 FABRICATOR TO BE CERTIFIED FOR DIVISION 1, 2 OR 3 IN ACCORDANCE WITH CSA W47.1.

- HARDWARE:

- INSERTS TO BE GALVANIZED TO CSA G164, MINIMUM 610 g/m<sup>2</sup>, AFTER FABRICATION.

ASSUME NOT TO SCALE

SCALE AS SHOWN

Designed J.B. Date 2013/08/02  
Checked J.H. Date 2013/08/02  
Drawn W.B. Date 2013/08/02

Rev	Date	DESCRIPTION	Init
1	2013/10/21	ISSUED TO CLIENT	

REVISIONS

BRITISH COLUMBIA  
The Best Place on Earth

MINISTRY OF FORESTS, LANDS & NATURAL RESOURCE OPERATIONS

STANDARD BRIDGE DRAWING

STANDARD STEEL GIRDER BRIDGE WITH CL3 COMPOSITE DECK  
CL - 3 INSERT DETAILS

ORIGINAL SIGNED and SEALED BY:  
JULIEN HENLEY

DESIGN ENGINEER  
DATE: JULIEN HENLEY

FILE No.:

APPROVED BY:

MOF ENGINEER  
DATE:

DRAWING No. STD-EC-010-04

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CANCEL PRINTS BEARING PREVIOUS LETTER