

BILL OF MATERIALS													
LINE	SEQ	SHIPPING CHECKS	ASSEMBLY CHECKS	MARK	SHAPE	DESCRIPTION	SHOP BILL			MATERIAL ASTM A709-50 T2 U.N.O.			
							LENGTH		REMARKS	MATL GRADE	MATL REMARK	WEIGHT	HEAT NO
							ft	in					
1													
2													
3	5			F2A	W	27 x 146	34	7 3/4			A709-50 F2		25291.5
4													
5		40		x1a	L	5 x 5 x 3/8	1	J					615.0
6		10		x1d	L	5 x 5 x 3/8	1	2					143.5
7													
8		10		x2g	L	4 x 4 x 1/2	2	0 1/4			A709-50 F2		258.7
9		10		x2f	L	4 x 4 x 1/2	2	0 1/4			A709-50 F2		258.7
10													
11		185		sb7-3	BOLT	7/8 #		J	1in/2in		A325 GR5		
12												100k lbs	26567.3
13													
14													
15													
16													
17													
18													
19													
20													

**ALL HOLES TO BE DRILLED**

- LEGEND:**
- ⊕ = CENTERLINE
  - CTR'D = CENTERED
  - C/C = CENTER TO CENTER
  - FLG = FLANGE
  - TOP = TOP
  - BTM = BOTTOM
  - RDH = RUNNING DIMENSIONS FROM HERE
  - = FIELD BOLTS
  - (QUANTITY) DIAMETER x LENGTH
  - ⊕ = ALTERNATE HOLE DIAMETER
  - TYP = TYPICAL
  - N/S = NEAR SIDE
  - F/S = FAR SIDE
  - B/S = BOTH SIDES
  - BTS = BOLT TO SHIP
  - ◇ = TEMPORARY BOLT FOR SHIPPING
  - D.O.R. = DIRECTION OF ROLL
  - T2 = CHARPY V-NOTCH TESTING REQUIRED
  - F2 = FRACTURE CRITICAL MATERIAL
  - ⊗ = FIELD DRILLED HOLE
  - ⊗ = FIELD DRILLED HOLE

**PAINT NOTES:**

- ALL ITEMS THIS SHEET TO RECEIVE FLOOR SYSTEM PAINT SYSTEM PER GN1.
- CLEAN AND PRIME BOLTED PARTS PRIOR TO ASSEMBLY.
- PRIMER ONLY, WITHIN 3" FROM ALL OPEN HOLES, "SNUG TIGHT" BOLTS AND NUTS, OR TO NEAREST EDGE OR PERPENDICULAR SURFACE (WHICHEVER IS LESS) UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL TORQUED BOLTS TO RECEIVE COMPLETE PAINT SYSTEM NOTED.

**NOTES:**

- FOR GENERAL NOTES SEE DRAWING GN1.
- ALL BOLTS THIS SHEET TO BE TORQUED.
- INSTALL WASHER UNDER HEAD OF BOLT AS WELL AS NUT
- ALL HOLES MARKED "⊗" OR "⊗" ARE TO BE FIELD DRILLED HOLES. DO NOT SHOP DRILL.

- NO EXCEPTION TAKEN
- MAKE CORRECTIONS NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF HIS WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

DATE 3/30/12 BY CHA PKh/d

READ THIS DRAWING IN CONJUNCTION WITH 2A

**THIS DRAWINGS CONTAINS FCM MATERIAL**

ALL DIMENSIONS HAVE BEEN ACCEPTED/FIELD VERIFIED  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	DATE	BY	REVISION
1	03/28/12	RC	ISSUED FOR FINAL APPROVAL
F	03/15/12	RC	NOTES UPDATED AND BOLTS REVISED TO A325 GALV
D	03/06/12	SG/RC	REVISED PER NEW CONTRACT DWGS ISSUED FOR APP'L

**STS STEEL, INC.**  
ENGINEERS \* FABRICATORS \* ERECTORS  
Ph: (518) 370-2693 FAX: (518) 370-2696

**DRAWING TITLE**  
FLOOR SYSTEM (FLOOR BEAMS)

PROJECT No. US RT 2 BRIDGE No 24 FEDERAL AID No.  
ENGINEER : CHA  
CUSTOMER : Harrison & Burrows Bridge Constructors, Inc.  
PROJECT : RICHMOND, VT - TRUSS BRIDGE REHAB  
RICHMOND, VT

HOLES: 15/16" U.N.O. PAINT PER PS-5 DATE: 09/15/11  
BOLTS: A325 GALV U.N.O. DRWN BY: RC JOB NO. 1156  
WELDS: AWS D1.5 CHK BY: SG DWG NO. 2B