



NO EXCEPTION TAKEN  
 REJECTED  
 MAKE CORRECTIONS NOTED  
 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 5/9/12 BY PKL/d

BILL OF MATERIALS									
SHOP BILL								MATERIAL ASTM A709-50 T2 U.N.O.	
LINE	SEQ	SHIPPING PCS	ASSEMBLY PCS	MARK	SHAPE	DESCRIPTION	LENGTH	REMARKS	
							ft in		
1									
2	✓	✓		M30A	W	16 x 45	19 6 3/8		
3									
4	✓	4		x35a	L	5 x3 1/2 x 3/8	1 10		
5	✓	4		x35b	L	5 x3 1/2 x 3/8	1 10		
6									
7		2		x42a	PL	3/8 X 21 1/4	2 6		
8									
9		28		sb7-225	BOLT	7/8 #	2 1/4	1nd/2nd	A325
10		20		sb7-275	BOLT	7/8 #	2 3/4	1nd/2nd	A325
11									
12									
13									
14	✓	2		M30B	W	16 x 45	19 6 3/8		
15									
16	✓	4		x35a	L	5 x3 1/2 x 3/8	1 10		
17	✓	4		x35b	L	5 x3 1/2 x 3/8	1 10		
18									
19		2		x42a	PL	3/8 X 21 1/4	2 6		
20									
21		28		sb7-225	BOLT	7/8 #	2 1/4	1nd/2nd	A325
22		20		sb7-275	BOLT	7/8 #	2 3/4	1nd/2nd	A325
23									
24									

ALL HOLES TO BE PUNCHED U.N.O.

- LEGEND:**
- ⊕ = CENTERLINE
  - CTR'D = CENTERED
  - C/C = CENTER TO CENTER
  - FLG = FLANGE
  - TOP = TOP
  - BTM = BOTTOM
  - RDFH = 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
  - SHP'G BOLT = SHIPPING BOLT
  - ⊕ = SHIPPING BOLT
  - 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 UPPER STEEL PAINT SYSTEM PER GN1.
- CLEAN AND PRIME BOLTED PARTS PRIOR TO ASSEMBLY.
- PRIMER ONLY, WITHIN 3" FROM ALL OPEN HOLES, (A307) SHIPPING 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. NO PAINT ON (A307) SHIPPING BOLTS AND NUTS.

**NOTES:**

- FOR GENERAL NOTES SEE DRAWING GN1.
- ALL BOLTS THIS SHEET TO BE FULLY TORQUED UNLESS NOTED AS (A307) SHIPPING BOLTS.
- INSTALL WASHER UNDER HEAD OF BOLT AS WELL AS NUT. ADDITIONAL WASHER IS NOT REQUIRED FOR (A307) SHIPPING BOLTS.
- ALL HOLES MARKED "⊗" OR "⊗" ARE TO BE FIELD DRILLED HOLES. DO NOT SHOP DRILL.

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

A	NO.	DATE	RC	BY	FOR APPROVAL	REVISION
		04/20/12				

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

DRAWING TITLE  
**UPPER STEEL (U2-U4 & U14-U16)**

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 SPEC DATE: 03/16/12  
 BOLTS: A325 U.N.O. DR.BY: RC JOB NO. 1156  
 WELDS: AWS D1.5 CHK.BY: SG DWG NO. 30