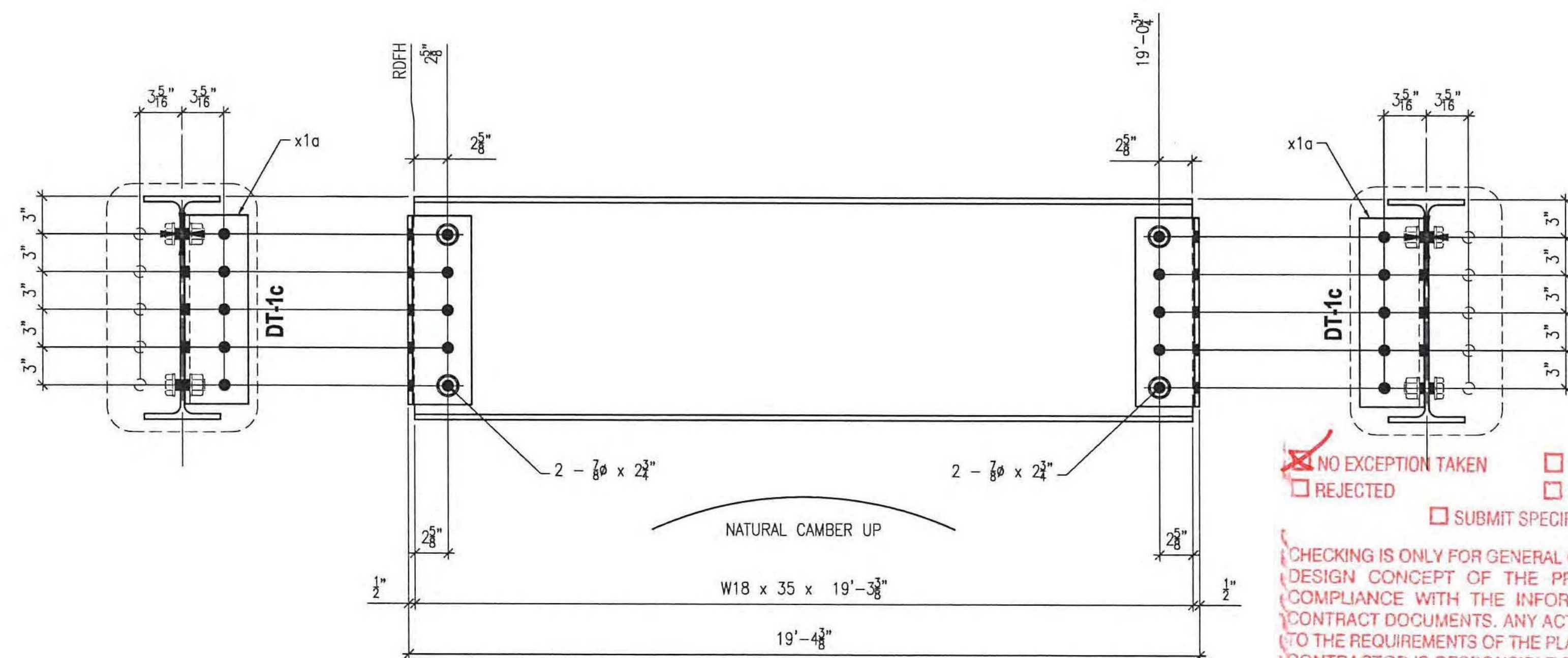


4 REQ'D ~ Mk. S4A (S1)

LIFTING WEIGHT
723.1
lbs



32 REQ'D ~ Mk. S4B (S4)

LIFTING WEIGHT
705.6
lbs

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

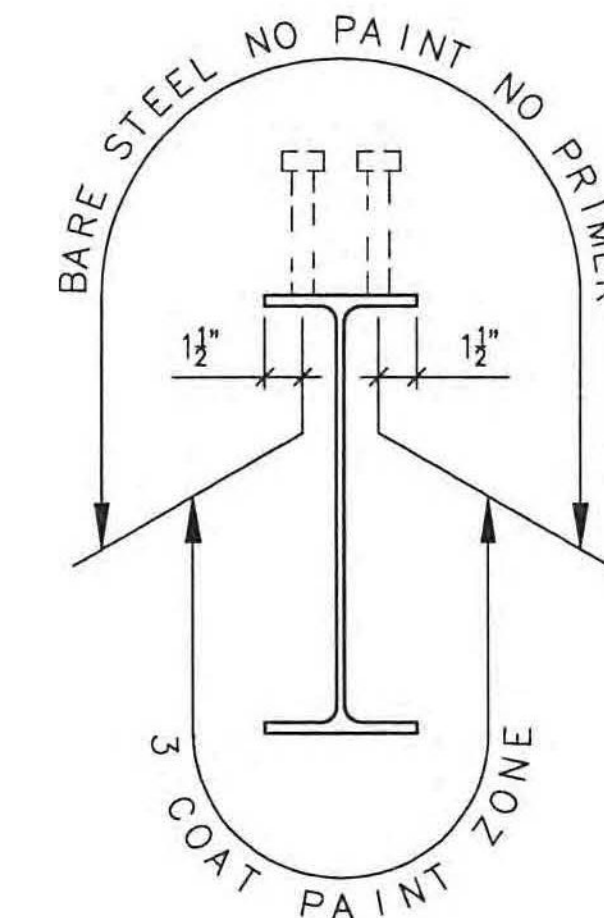
CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED 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: PKR/CH

BILL OF MATERIALS

SHOP BILL										MATERIAL ASTM A709-50 T2 U.N.O.			
LINE	SEQ	SHIPPING INDEX	ASSEMBLY INDEX	MARK	SHAPE	DESCRIPTION	LENGTH		REMARKS	MATL GRADE	MATL REMARK	WEIGHT	HEAT NO
							ft	in					
1													
2													
3	4			S4A	W	18 x 35	19	9 3/8			2769.4		
4													
5				B	x1a	L	5 x 5 x 3/8	1	J		123.0		
6													
7		16		sb7-275	HSB	7/8 # HS BOLT	2 3/4		1nd/2nd	A325 ONLY			
8											100K lbs	2892.4	
9													
10													
11	32			S4B	W	18 x 35	19	9 3/8			21595.0		
12													
13		64		x1a	L	5 x 5 x 3/8	1	J			984.0		
14													
15		128		sb7-275	HSB	7/8 # HS BOLT	2 3/4		1nd/2nd	A325 ONLY			
16											100K lbs	22579.0	
17													
18													
19													
20													

ALL HOLES TO BE DRILLED



TYPICAL FLOOR BEAM AND STRINGER PAINTING DIAGRAM

LEGEND:

- CL = CENTERLINE
- CTR'D = CENTERED
- C/C = CENTER TO CENTER
- FLG = FLANGE
- TOP = TOP
- BTM = BOTTOM
- RDHF = 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.
- NO PAINT ON "SNUG TIGHT" BOLTS AND NUTS.

NOTES:

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

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 (STRINGERS)

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: 09/15/11
 BOLTS: A325 GALV U.N.O. DRWN BY: RC JOB NO. 1156
 WELDS: AWS D1.5 CHK BY: SG DWG NO. 4