

**BILL OF MATERIALS**

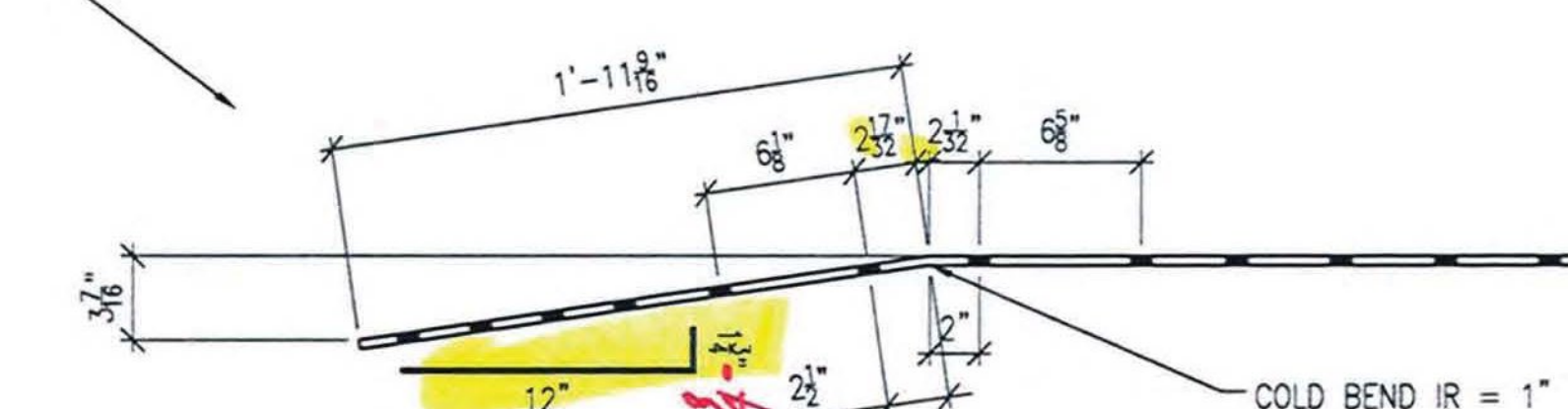
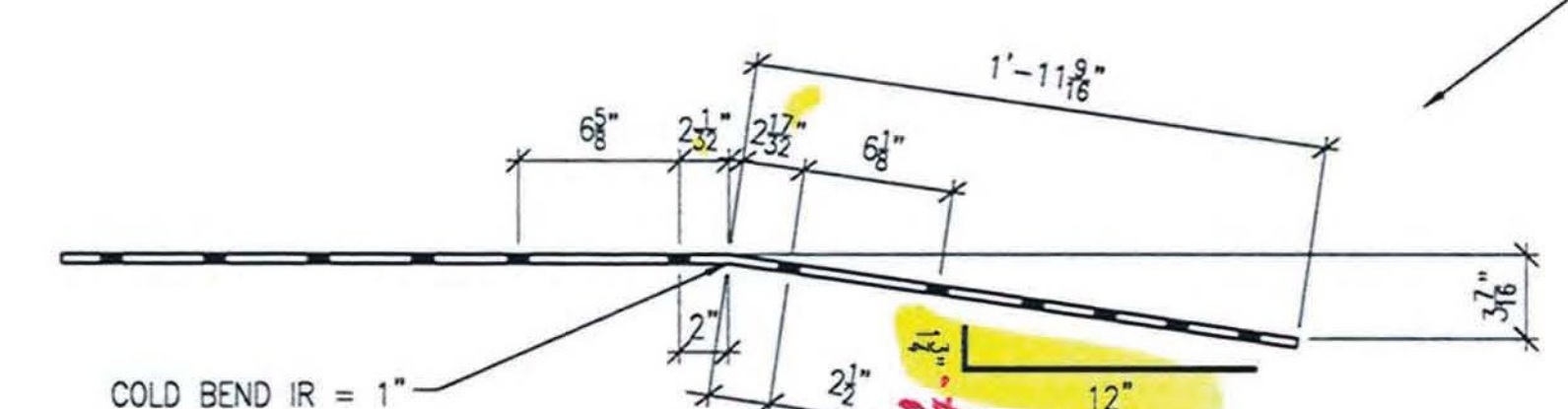
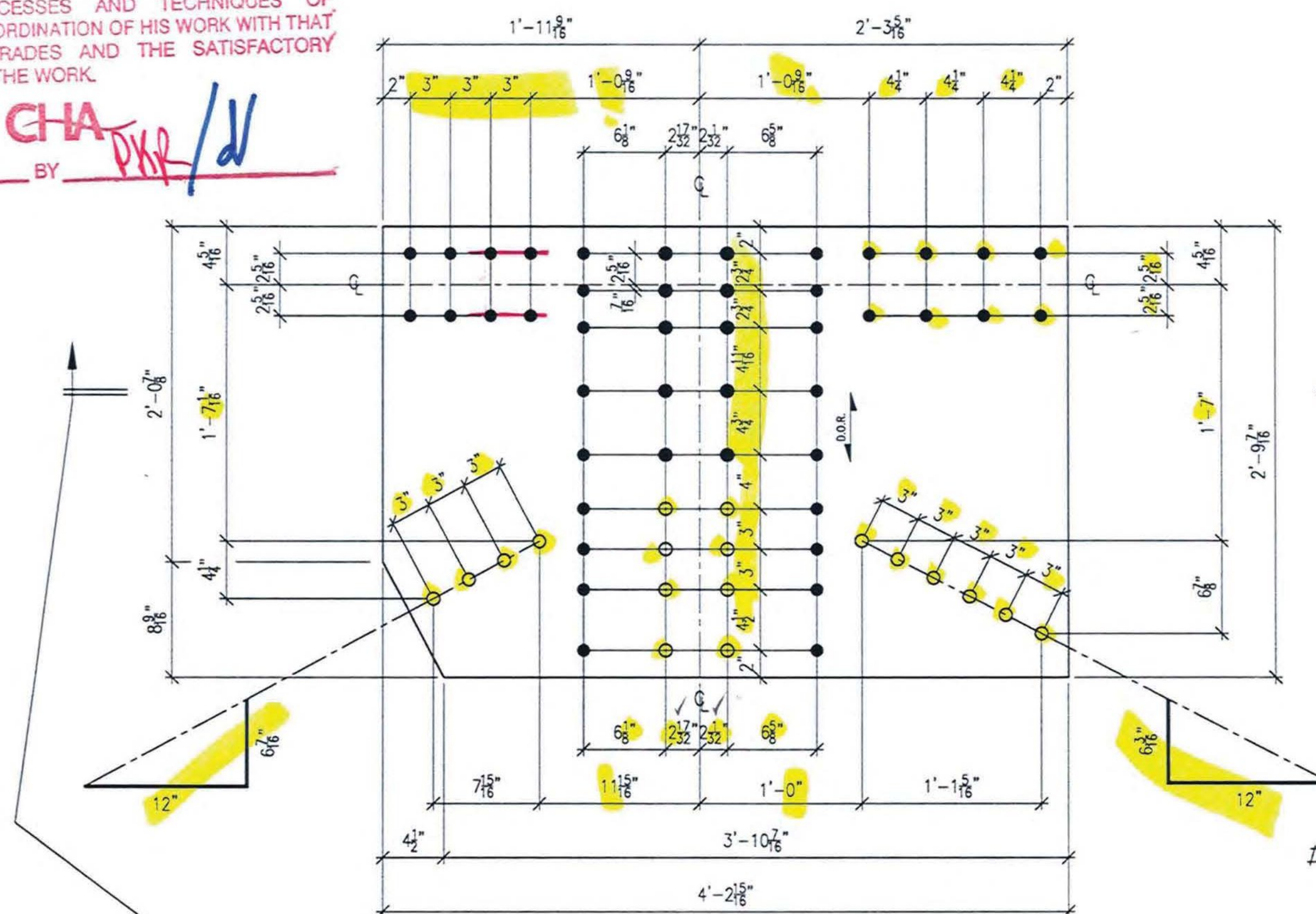
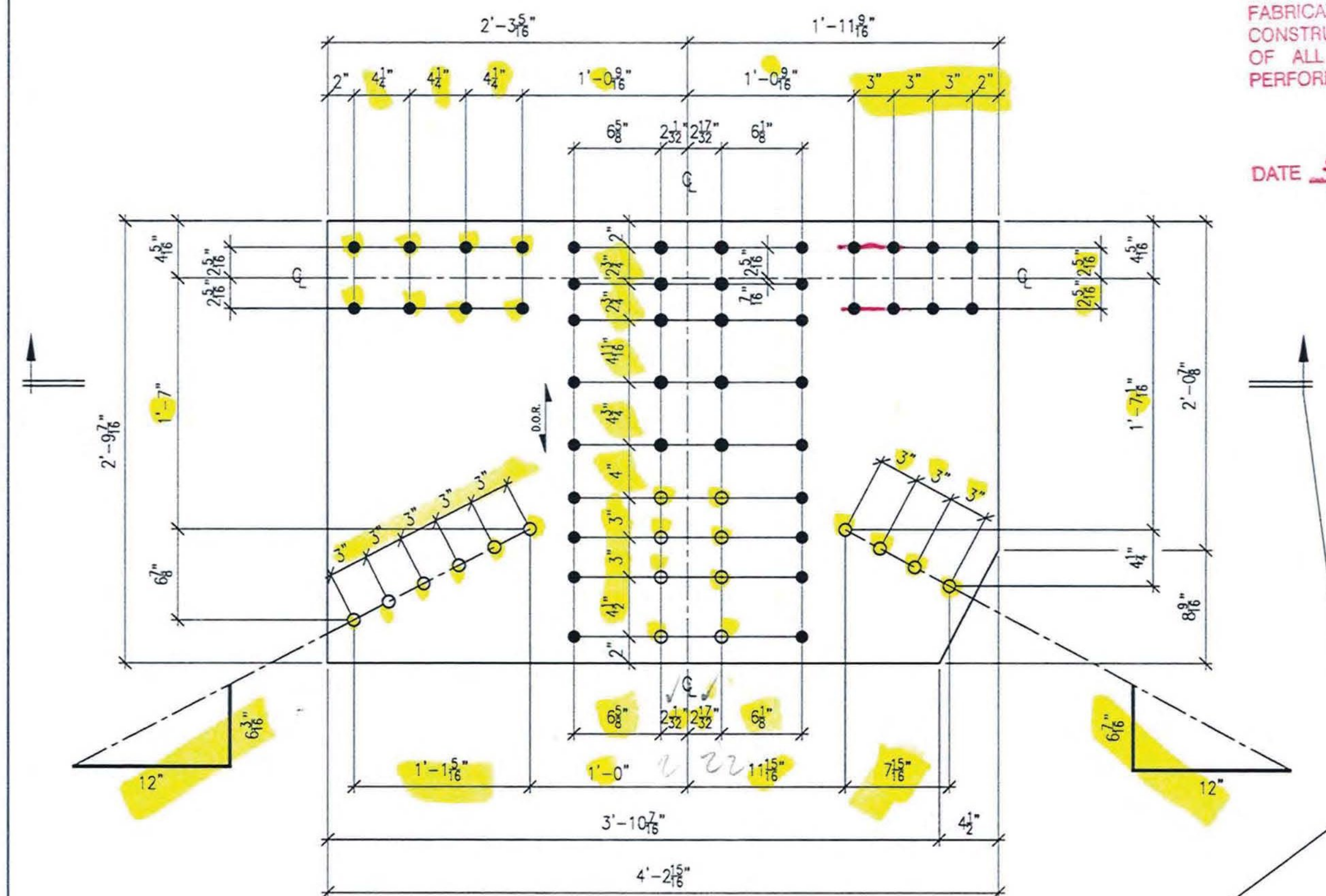
SHOP BILL								MATERIAL ASTM A709-50 T2 U.N.O.					
LINE	SEQ	SHIPPING PCS	ASSEMBLY PCS	MARK	SHAPE	DESCRIPTION	LENGTH		REMARKS	MATL GRADE	MATL REMARK	WEIGHT	HEAT NO
							ft	in					
1													
2	ONE			M37A	PL	3/8 x 33 7/16	4	2 15/16	SSR				
3													
4	ONE			M37B	PL	3/8 x 33 7/16	4	2 15/16	SSR				
5													

ALL HOLES TO BE PUNCHED U.N.O.

- 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 5/9/12 BY CHA PKR/d



ONE REQ'D ~ Mk. M37A

LIFTING WEIGHT ? lbs

U4 FOOT

ONE REQ'D ~ Mk. M37B

LIFTING WEIGHT ? lbs

U4 FOOT

- LEGEND:**
- CL = CENTERLINE
  - CTR'D = CENTERED
  - C/C = CENTER TO CENTER
  - FLG = FLANGE
  - TOP = TOP
  - BTM = BOTTOM
  - RDFH = RUNNING DIMENSIONS FROM HERE
  - FB = 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
  - FZ = FRACTURE CRITICAL MATERIAL
  - ⊗ = FIELD DRILLED HOLE
  - ⊗ = FIELD DRILLED HOLE

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

- 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.

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 (BOT GUSSET @ U4 & U14)

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: 03/01/12  
BOLTS: A325 U.N.O. DR.BY: RC JOB NO. 1156  
WELDS: AWS D1.5 CWL.BY: SG DWG NO. 37