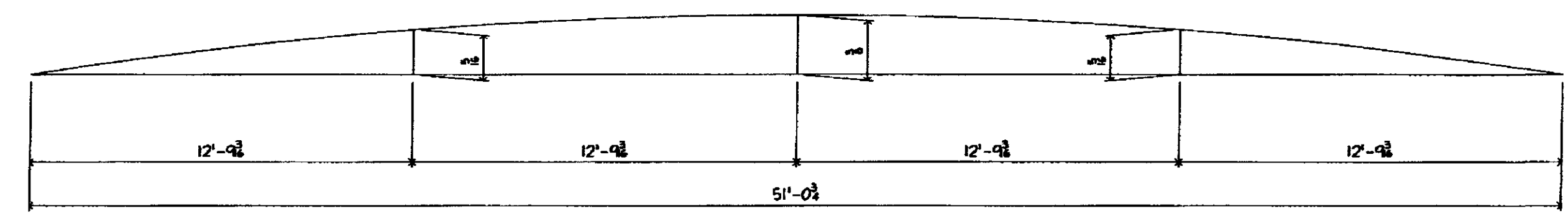
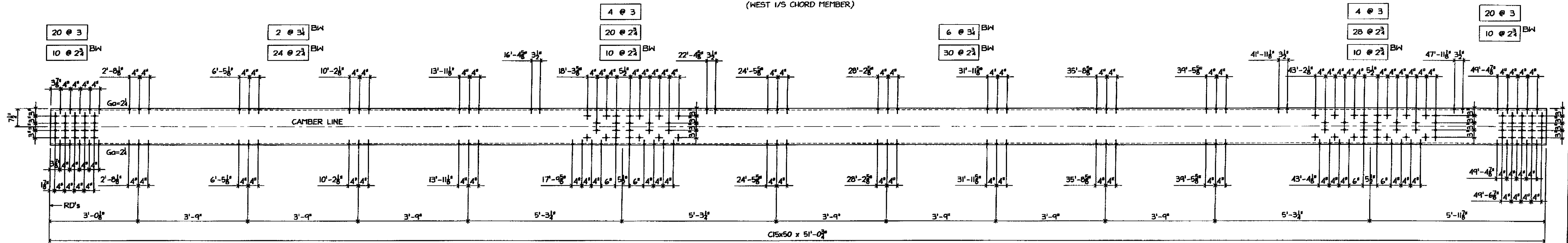
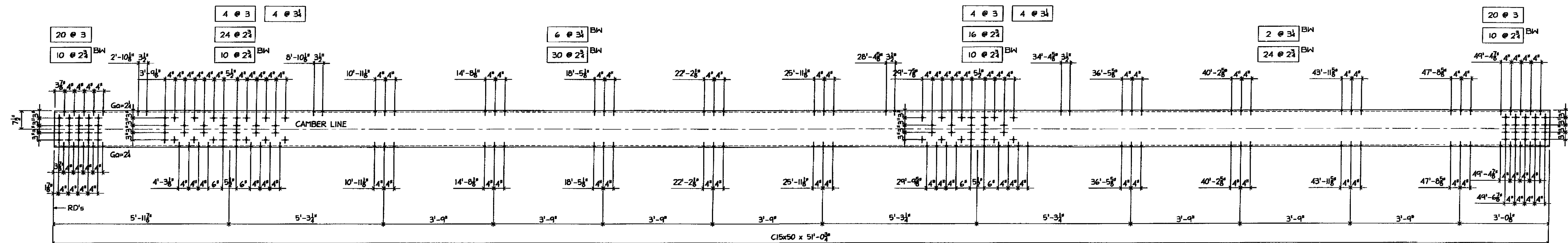


BILL OF MATERIAL

MARKS	SHIP	TEMP	QTY	MATERIAL	FT	IN	GR.	REMARK'S
451			ONE	C15x50	51	0 3/4		CVN, FCM
452			ONE	C15x50	51	0 3/4		CVN, FCM



SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	7
REVISE AS NOTED	
RESUBMISSION NOT REQUIRED	
REVISE AS NOTED	
RESUBMISSION REQUIRED	
REJECTED	

DATE: 3/24/09

SIGNATURE: [Signature]

REVIEW BY STANTEC IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DESIGN. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, FABRICATION AND CONSTRUCTION METHODS, COORDINATION OF SUB-TRADES, DETAIL DESIGN OF COMPONENTS, AND ERRORS OR OMISSIONS ON SHOP DRAWINGS.

GALVANIZING NOTES:

- ALL WELDS SHALL BE SEALED
- VENT AS REQUIRED
- COMPLETE FINAL ASSEMBLY OF BOLTED ITEMS AFTER GALVANIZING WIRE-BRUSH ALL CONTACTING SURFACES TO A DULL-GRAY APPEARANCE PRIOR TO ASSEMBLY

FB THIS DWG

188- 3/8 x 2 1/2 (A325 GALV) BOLT w/NBW
 88- 3/8 x 2 1/2 (A325 GALV) BOLT w/NBW
 96- 3/8 x 3 (A325 GALV) BOLT w/NBW
 16- 3/8 x 3 1/2 (A325 GALV) BOLT w/NBW
 8- 3/8 x 3 1/2 (A325 GALV) BOLT w/NBW

MATL:

- ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 270 GRADE 50 (UNLESS NOTED)
- 'CVN' INDICATES CHARPY 'V' NOTCH TESTED.
- 'FCM' INDICATES 'FRACTURE CRITICAL MEMBER'

WELD: E70xx

HOLES: 1/8" UNO

PREP: SSPC-SP8

PAINT: GALVANIZED AND AIR COOLED (NOT QUENCHED) (SEE GALVANIZING NOTES)

3/11/09 PER APPL COMMENTS DATED 3/06/09

ARC ENTERPRISES, INC.
KINGFIELD, MAINE

PROJECT: STATE OF VERMONT - AGENCY OF TRANSPORTATION
 BRIDGE No 31 - RICHMOND, VERMONT

SCALE: NTS	APPROVED BY:	DRAWN BY: XAJ
DATE: 2/18/09	CHKD. BY: CMDS-DBZ	

BRIDGE @ HIGHWAY #1 OVER WINOOSKI RIVER
 CHORD MEMBER DETAILS

T BUCK CONSTRUCTION DWG NO 09-113 - 04