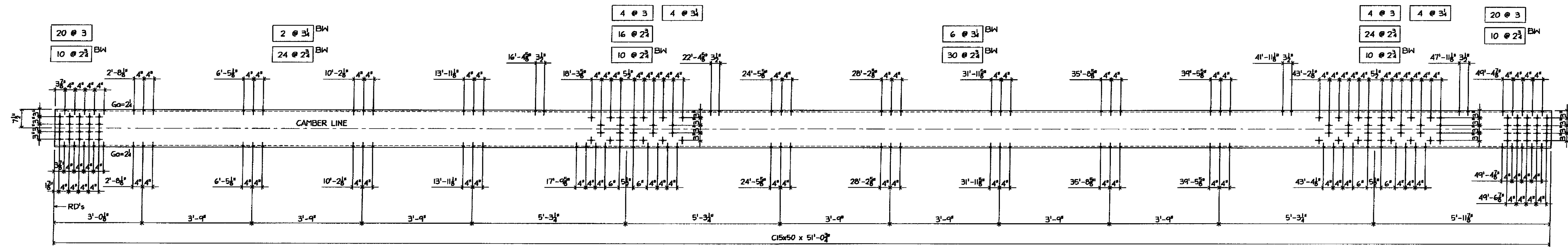
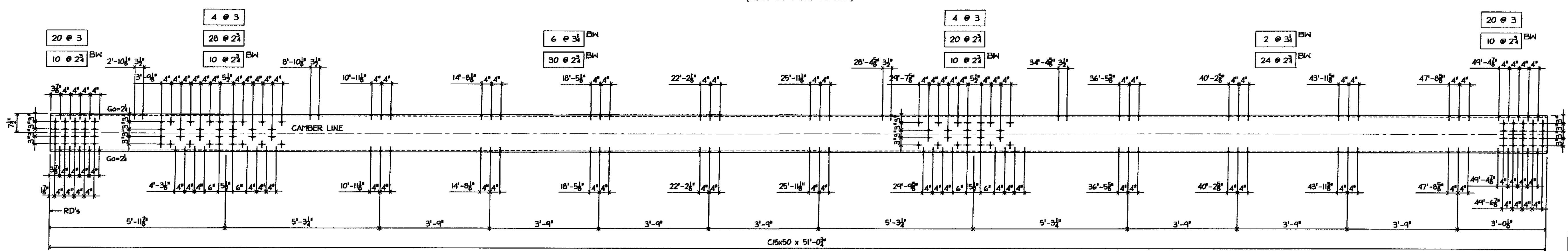


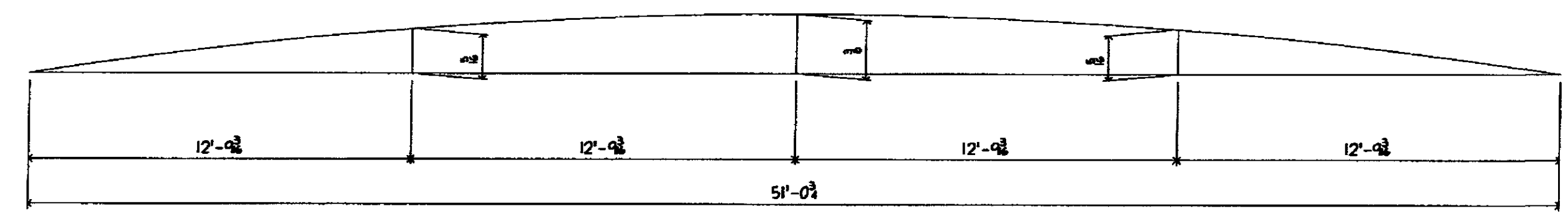
BILL OF MATERIAL								
MARKS	SHIP	TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
851			ONE	C15x50	51	0 3/4		CVN, FCF
852			ONE	C15x50	51	0 3/4		CVN, FCF



ONE - CHANNEL - 851
(WEST 1/5 CHORD MEMBER)



ONE - CHANNEL - 852
(WEST 0/5 CHORD MEMBER)



CAMBER DIAGRAM

REVISIONS	
NO EXCEPTION TAKEN	
REVISIONS NOTED	
RESUBMISSION NOT REQUIRED	
REVISIONS NOTED	
RESUBMISSION REQUIRED	
REJECTED	
DATE	3/24/09
SIGNATURE	744
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
 1 ALL WELDS SHALL BE SEALED
 2 VENT AS REQUIRED
 3 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 3/4 (A325 GALV) BOLT w/NBW
 88- 3/8 x 2 3/4 (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
 1 ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 270 GRADE 50 (UNLESS NOTED)
 2 'CVN' INDICATES CHARPY 'V' NOTCH TESTED.
 3 '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: KAJ
DATE: 2/18/09	CHKD. BY: CM05-082	
BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER CHORD MEMBER DETAILS		
T BUCK CONSTRUCTION	DWG NO	09-113 - 08