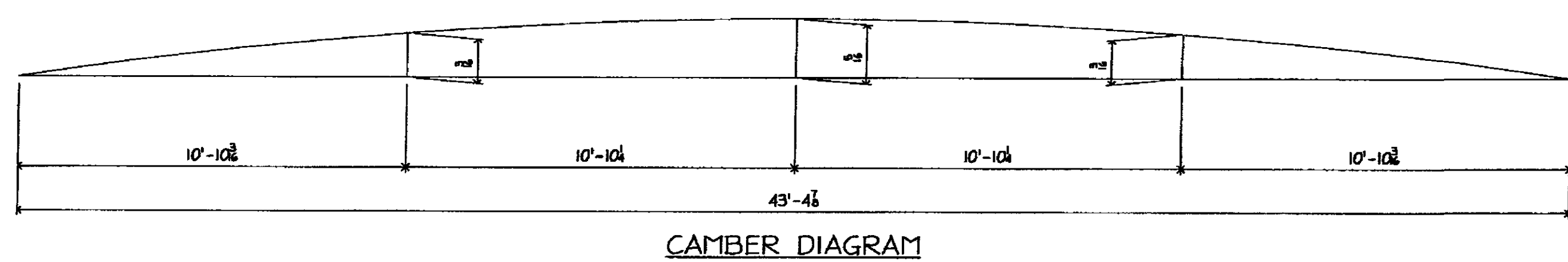
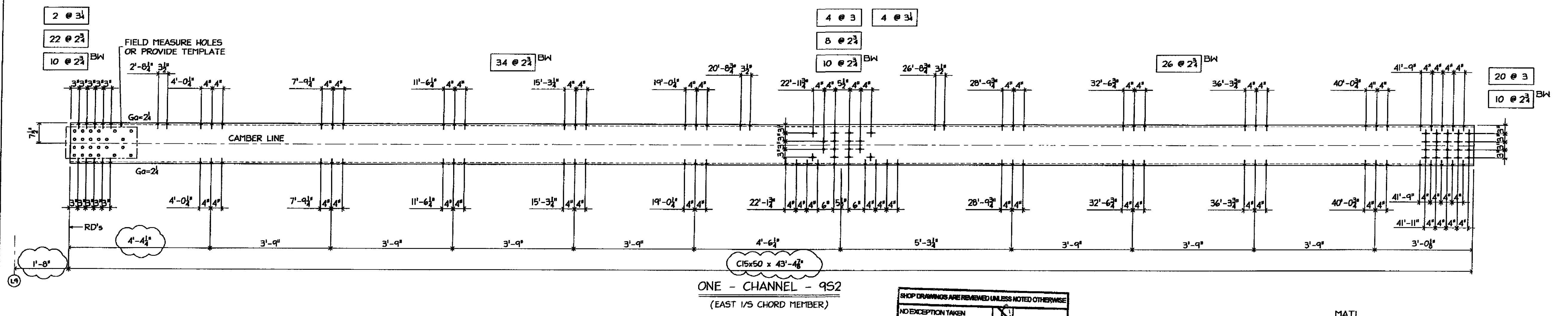
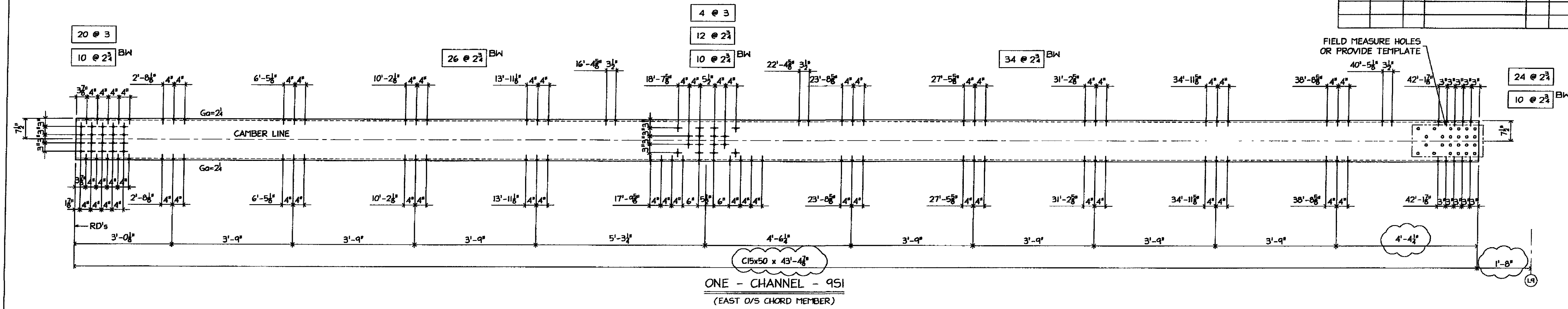


BILL OF MATERIAL						
MATERIAL	QTY	MATERIAL	FT	IN	GR	REMARKS
951	ONE	C15x50	43	4 1/2		CVN, FCM
952	ONE	C15x50	43	4 1/2		CVN, FCM



SHOP DRAWINGS ARE REVISED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	<input checked="" type="checkbox"/>
REVISIONS NOTED	<input type="checkbox"/>
RESUBMISSION NOT REQUIRED	<input type="checkbox"/>
REVISIONS NOTED	<input type="checkbox"/>
RESUBMISSION REQUIRED	<input type="checkbox"/>
REJECTED	<input type="checkbox"/>

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.

NOTE: FIELD VERIFY/PROVIDE ALL DIM'S INDICATED THIS [Symbol]

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
 180- 3/8 x 2 1/2 (A325 GALV.) BOLT w/N&W
 66- 3/8 x 2 1/2 (A325 GALV.) BOLT w/N&W
 48- 3/8 x 3 (A325 GALV.) BOLT w/N&W
 6- 3/8 x 3 1/2 (A325 GALV.) BOLT w/N&W

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: 1/2" 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: [Signature] DRAWN BY: KAJ

DATE: 2/18/09 CHKD. BY: CMO5-DB2

BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
 CHORD MEMBER DETAILS

T BUCK CONSTRUCTION DWG NO 09-113 - 09