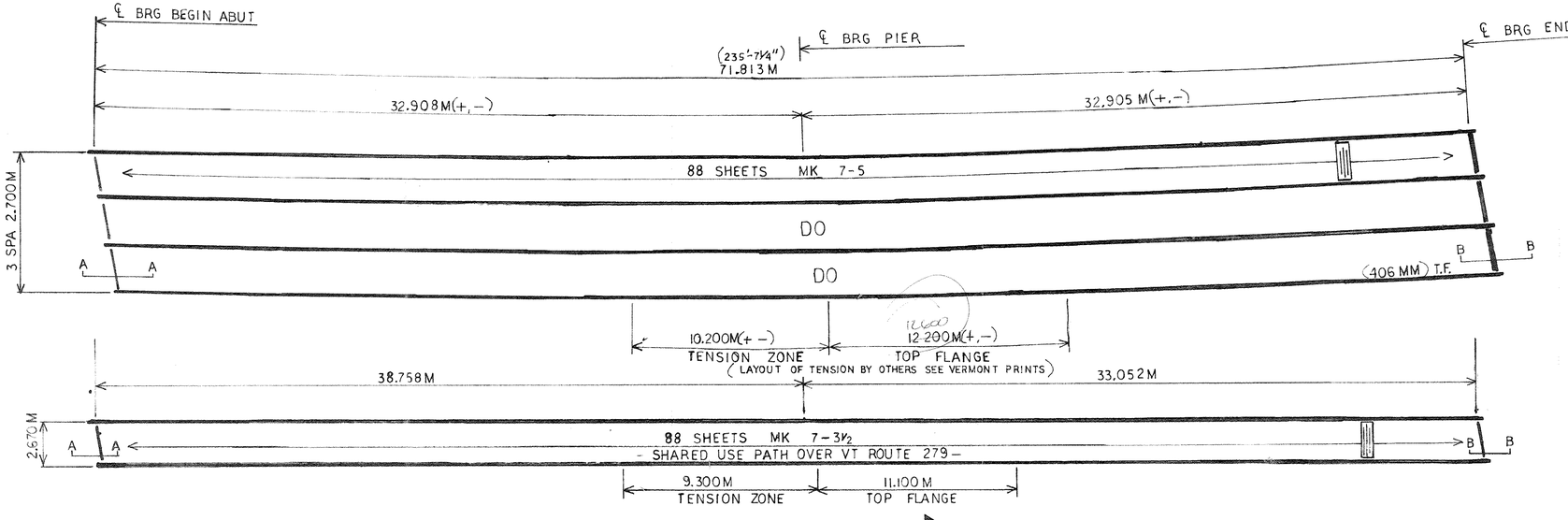
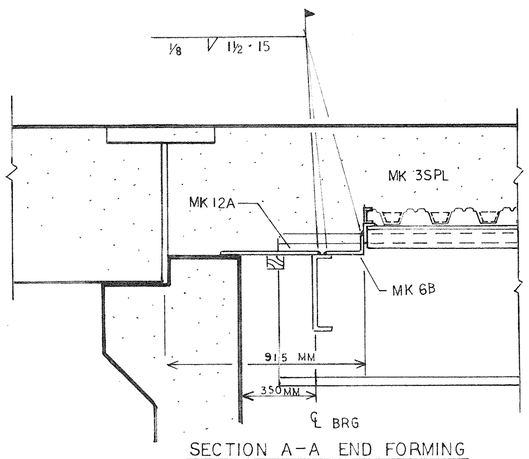
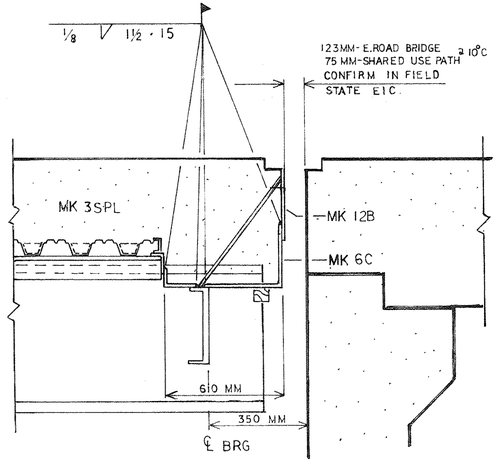
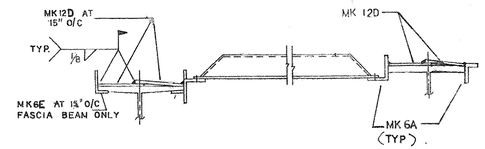




SECTION A-A END FORMING

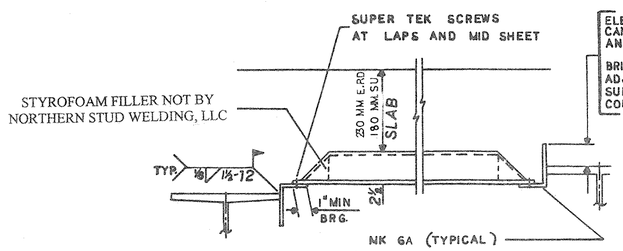


SECTION B-B END FORMING



INFORMATION NOT SHOWN SIMILAR TO TYPICAL COMPRESSION SECTION

TYPICAL TENSION SECTION
NO WELDING TO TOP FLANGE

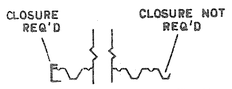


NOTE: BEAM ELEVATIONS DETERMINE PLACEMENT OF SUPPORT L's, "Γ" or "J" POSITION. "Γ" & "J" POSITION SHOWN FOR CLARITY.

TYPICAL COMPRESSION SECTION

ELEVATION VARIES DUE TO CAMBER IRREGULARITIES AND SUPERELEVATION.

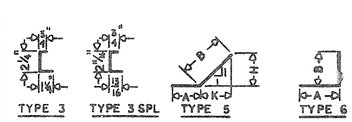
BRIDGFORM ERECTOR TO ADJUST TO PROPER ELEVATION SUPPLIED BY THE GENERAL CONTRACTOR



TYP CLOSURE DETAIL

NOTE:
▨ - TEMP. SUPPORTS MUST BE PLACED BY GEN CONTRACTOR

WARNING
EACH BRIDGFORM SHEET MUST BE FASTENED IMMEDIATELY UPON PLACEMENT TO AVOID HAZARD THAT CAN RESULT FROM LATERAL MOVEMENT OR SUDDEN UPLIFT.



SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	
REVISE AS NOTED RESUBMISSION NOT REQUIRED	✓
REVISE AS NOTED RESUBMISSION REQUIRED	
REJECTED	
DATE	5/8/08
SIGNATURE	

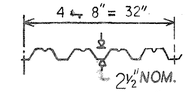
Stantec

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.

STYROFOAM FILLER FOR STAY-IN-PLACE PANS
" STRONGWEB"

Wheeling Corrugated - 2 1/2" deep x 8" pitch
Four (4) pieces of foam required per pan
I've quantity & size of pans required see
Bridge form data - upper right hand corner
Length of foam is 5" less than pan size for end taper.

3 3/4" top W
2 3/8"H
2" Bot. W



PROPERTIES FOR 12" WIDTH

fs = 36,000 PSI

PITCH	I=NOM. OF INERT./IN	S=STRESS IN	GA.
8"	.623	.457	20
8"	.571	.420	21

This drawing and the information contained on it is the property of Northeastern Stud Welding Corporation. It is to be returned if so requested and it is not to be given to others without permission.

SU	ER	BRIDGEFORM ASTM A-653 GRADE E NESW# 1937-1					
QUAN	QUAN	MARK	LENGTH	PITCH	GA.	COATED THK.	UNCOATED THK.
X	266	7-5	7'-5"	8"	20	.039"	.036"
-88	X	7-3½	7'-3½	8"	21	.036"	.033"

STRONGWEB

(BY OTHER) STUD SHEAR CONNECTORS

SU	ER	ACCESSORIES ASTM A-653 GRADE A								
QUAN	QUAN	MARK	LENGTH	PITCH	GA.	A	B	C	H	K
50	147	6A	10'-0"		12	2"	3"			
1	3	6B	10'-0"		12	10"	3"			
1	3	6C	10'-0"		14	14"	6"			
2	4	6D	10'-0"		16	1"	4"			
1	3	12A	10'-0"		12	18"				
1	3	12B	10'-0"		12	6"				
10	25	12C	1'-7"		12	2"				
270	524	12D	0'-8¼"		3/16 BLK	2"				
134	150	6E	0'-2"		12	2"	3"			
528	1596	TEK 3	DECKING SCREWS							

GENERAL NOTES

DESIGN NOTES:

1. Bridge Form Sheets conform to ASTM A653. Grade E accessories conform to ASTM A653 Grade A. A653 is prior A446.
2. All galvanizing conforms to ASTM A924-G165. A924 is prior A525.
3. Reference Dwgs:

ERECTION NOTES:

1. Proper elevation of supports to be the responsibility of the bridge form erector from grades established by the general Contractor.
2. Lay bridge form sheets opposite to direction of pour to prevent leakage of side laps.
3. All sheets shall have a minimum bearing of one inch each end. Center sheets in bay.
4. Welding to be done by AWS Certified Welder.
5. All cutting of form sheets shall be done by saw. The cutting of support accessories shall be done with saw or burning with minimum damage to galvanized coating.
6. No welding to top flanges in tension zones. Iron straps will support forms.
7. Beams should be checked for amount of sweep before bridge form sheets are placed.

MISCLANIOUS NOTES:

1. Concrete shall not be dumped on these forms to a depth greater than 10" above the top of forms.
2. Any additional concrete required due to the use of these forms shall be at the contractor's expense.
3. Calcium chloride (or admixture containing salts) shall not be used in the concrete placed on these forms.
4. Store material on skids placed to eliminate any standing water.
5. Caulking/ taping, if required, will not be by Northern Stud Welding, LLC.
6. Painting of welds used to install Stay-in-Place Metal Forms will not be done by Northern Stud Welding, LLC.

DATE	DESCRIPTION	DATE	SENT FOR

NORTHERN STUD WELDING, LLC
2050 WESTERN AVE
GUILDERLAND, NY 12084

STRUCTURE	EAST ROAD BRIDGE OVER VT ROUTE 279 AND SHARED USE PATH
LOCATION	BENNINGTON, VT. RECEIVED MAY 16 2008
ENGINEER	STATE OF VERMONT
CUSTOMER	J A McDONALD, INC.
MADE BY G BLADEK DATE 3-27-2008 REV 4-28-08	CONTRACT NO. 1937
DRAWING COVERS STAY-IN-PLACE METAL FORMING PLACING PLAN	DRAWING NO. 1937-1