

## SHOP DRAWING TRANSMITTAL

<b>DATE RETURNED:</b> 04/06/2016	<b>DATE SENT:</b> 03/30/2016	<b>PAGE</b> 1 <b>of</b> 1
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<b>TO/FROM: TEL. #</b>  <b>CHA</b> <b>III WINNERS CIRCLE</b> <b>ALBANY, NY 12205</b> <b>ATTN:</b>	<b>TO/FROM: TEL. # ( )</b> <b>MARK SARGENT</b> <b>PROJECT MANAGER - STRUCTURES</b> <b>1 NATIONAL LIFE DRIVE</b> <b>MONTPELIER, VT 05633-5001</b>
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<b>CHA PROJECT No.20615</b> <b>CONTRACT No. BRF 3000(19)</b> <b>TITLE: RUTLAND CITY (RIPLEY ROAD)</b>	
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<b>SHOP DRAWING DATA: (TO BE FILLED IN BY CONTRACTOR)</b>  <b>TOPIC:            BEARING SHOP DRAWINGS</b> <b>SPECIFICATION:  531</b>	
<i>DO NOT MIX SUBMISSIONS FROM DIFFERENT SPEC DIVISIONS ON THIS FORM. FILL OUT NEW FORM EACH TIME!</i>	<b>FOR CHA'S RECEIVED STAMP.</b>

THE ABOVE NAMED CONTRACTOR HAS EVALUATED EACH ITEM IDENTIFIED IN THIS TRANSMITTAL & CERTIFIES IT TO BE IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

**\*\*THIS SUBMITTAL IS NOT BEING PRESENTED AS A SUBSTITUTION\*\***

**CERTIFIED BY:** \_\_\_\_\_ **TITLE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

ID NUMBER	QUANTITY		DESCRIPTION OF ITEM(S) BEING SUBMITTED <small>(Reference specification section and/or drawing number for each item being submitted)</small>	ENGINEER'S REVIEW STATUS
	SENT	RETURN		
			Bearing Shop Drawings	MCN

**NET** = NO EXCEPTIONS TAKEN                      **MCN** = MAKE CORRECTIONS NOTED                      **R&R** = REVISE AND RESUBMIT  
**REJ** = REJECTED    **SSI** = SUBMIT SPECIFIED ITEM                      **NR** = NOT REVIEWED  
**\*RESUBMIT REQUIRED IF REVIEW STATUS IS R&R, REJ, SSI**

<b>CONTRACTOR'S COMMENTS:</b>  	<b>Engineer's Comments: No Exceptions Taken. See note on drawing.</b>
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**(FOR ENGINEER'S INTERNAL USE ONLY)**

<b>Forwarded To:</b> R HENDERSON	<b>DUE BACK TO CONTRACTOR:</b> _____
<b>Reviewed By:</b> J NAJDOWSKI	<b>DATE SENT:</b> 03/30/2016
<b>Returned to Contractor By:</b> J NAJDOWSKI	<b>DATE RETURNED:</b> 04/06/2016
<b>(ENTER DATE ABOVE)</b>	

KUBRICKY CONSTRUCTION CORP.  
269 BALLARD ROAD

WILTON, NY 12831  
518 792-5864



Rutland City BRF 3000 (2014036)  
SUBMITTAL 85.0

Issued 03/29/16  
Respond by 04/12/16

To

**Timothy Pockette, PE**

Topic BRF3000 (19) Ripley Bridge Bearing Shop Drawings  
Status For Approval

Message Tim,  
Please see attached BRF3000 (19) Ripley Bridge Bearing Shop Drawings for approval.  
  
Thanks,  
Mike

Courtesy Copy

**Volker H.D. Burkowski**

From

**MICHAEL MARTIN**

Signed by

Date

03-29-2016

Proceed as Indicated

Date

Owner Authorized Representative



**CASCO BAY STEEL STRUCTURES, INC.**  
 ONE WALLACE AVENUE  
 SOUTH PORTLAND, Maine 04106  
 PH: (207) 780-6722 FAX: (207) 780-6726

**TRANSMITTAL**

**598-TR-07**

Date: March 29, 2016

Project: Rutland, VT TH-10 Ripley Road Truss  
 Project No: BRF 3000 (19)  
 CBSS Project No: 598

To: Mike Martin  
 Kubricky Construction Group  
 269 Ballard Road  
 Wilton, NY 12831

Subject: Bearing Shop Drawings for Approval 1 Set Electronic

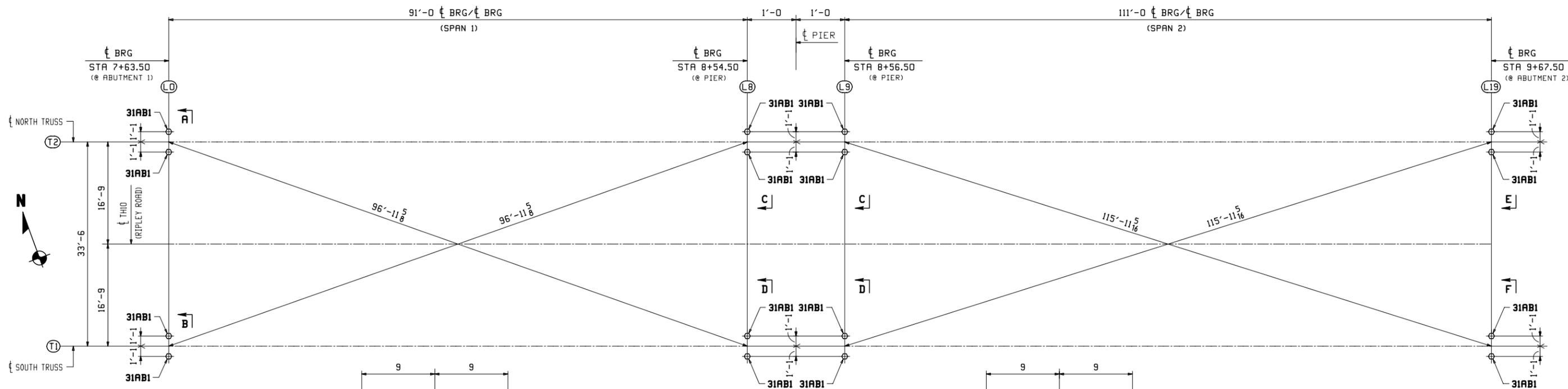
Sent Via: Email

Drawings in this submittal: 2 TOTAL

E7, 31  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Notes:  
 \_\_\_\_\_  
 Bearing drawings for approval.  
 \_\_\_\_\_  
 \_\_\_\_\_

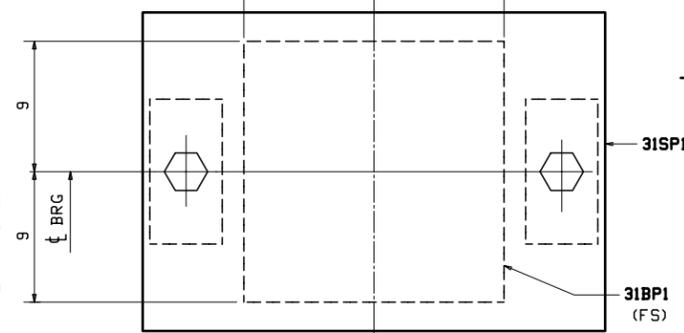
Signed: Andy Carrell  
 Andy Carrell  
 Project Manager



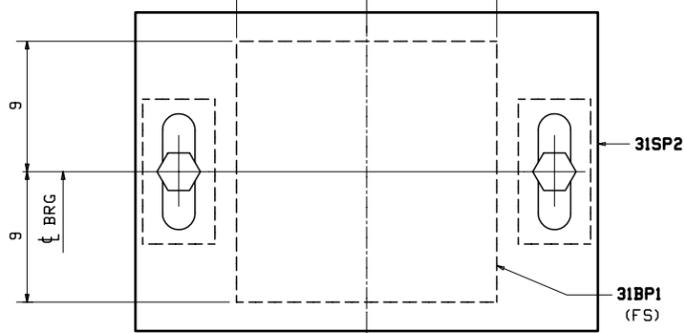
- NO EXCEPTION TAKEN
- MAKE CORRECTIONS NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR THE 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.

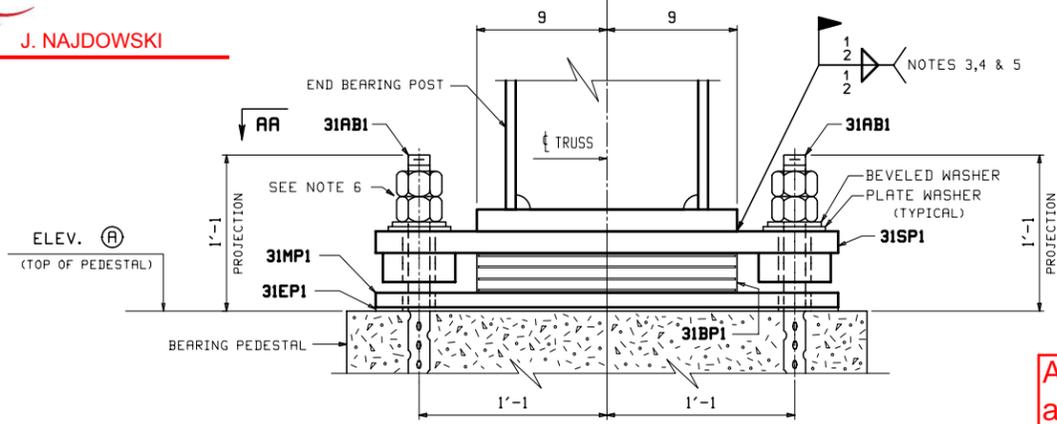
DATE 4/6/16 BY J. NAJDOWSKI



SECTION -AA  
(BEARING POST NOT SHOWN FOR CLARITY)

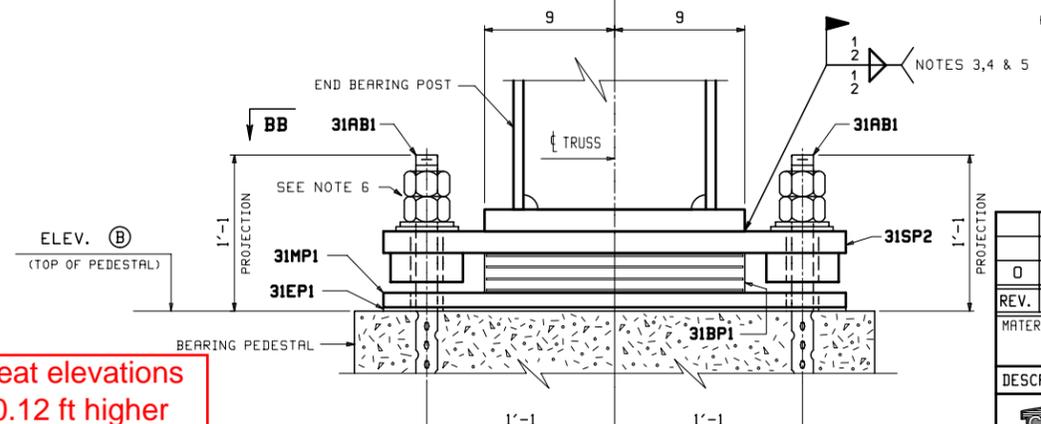


SECTION -BB  
(BEARING POST NOT SHOWN FOR CLARITY)



SECTIONS @ ABUTMENTS  
(FIXED BEARING)

SECTION	ELEVATION (A)
(@ ABUT. 1) A	523.07
(@ ABUT. 1) B	523.71
(@ ABUT. 2) E	521.77
(@ ABUT. 2) F	522.41



SECTIONS @ PIER  
(EXPANSION BEARING)

SECTION	ELEVATION (B)
C	524.32
D	524.96

- NOTES:
- ALL DIMENSIONS ARE GIVEN HORIZONTALLY IN THE FINAL POSITION OF BRIDGE.
  - FOR GENERAL NOTES SEE DWG. GNI.
  - DURING WELDING, SURFACES IN CONTACT WITH THE ELASTOMER SHALL BE RESTRICTED TO 200 DEGREES FAHRENHEIT AND SURFACES IN CONTACT WITH PTFE SHALL BE RESTRICTED TO 300 DEGREES FAHRENHEIT.
  - THE WELDS FOR THE SOLE PLATE CONNECTION SHOULD ONLY BE ALONG THE LONGITUDINAL TRUSS AXIS. TRANSVERSE JOINTS SHOULD BE SEALED WITH AN ACCEPTABLE CAULKING MATERIAL.
  - GALVANIZING THAT HAS BEEN DAMAGED SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780 STANDARD PRACTICE FOR REPAIR OF DAMAGED HOT DIP GALVANIZED COATINGS, ANNEX A2.
  - ANCHOR BOLTS WITH TWO NUTS SHALL USE THE FOLLOWING PROCEDURE: INSTALL THE LOWER NUT IN CONTACT WITH TOP OF SOLE PLATE AND THEN BACK OFF 1/2 TURN. INSTALL UPPER NUT SNUG TIGHT TO PREVENT LOWER NUT FROM LOOSENING.

All seat elevations are 0.12 ft higher than in the truss design calculation submittal (sheet J-3). Please correct seat elevations, revise bearing height, or explain discrepancy.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						

MATERIAL: \_\_\_\_\_ SURFACE PREP. & PAINT: \_\_\_\_\_ HOLES: \_\_\_\_\_ SHOP BOLTS: \_\_\_\_\_

DESCRIPTION: ANCHOR BOLT FRAMING PLAN & BEARING DETAILS

CASCO BAY STEEL STRUCTURES, INC.  
1 WALLACE AVE. SOUTH PORTLAND, ME 04106  
PHONE (207) 780-6722 FAX. (207) 780-6726

STRUCTURE: TH-10 OVER OTTER CREEK PONY TRUSS BRIDGE

LOCATION: RUTLAND CITY, VERMONT

PROJ NO. BRF 3000 (19)

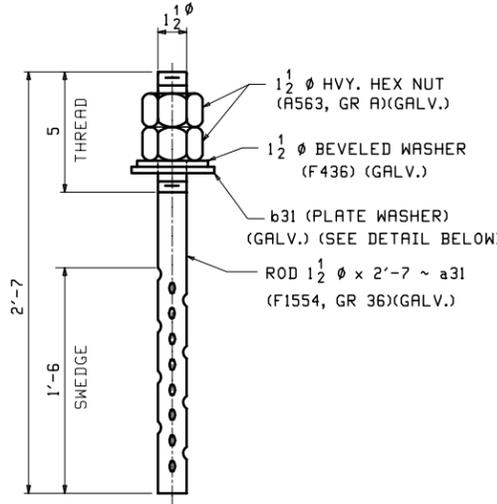
CUSTOMER: KUBRICKY CONSTRUCTION CORP.

DRAWN: RB DATE: 3/29/16

CHKD: WJL DATE: 3/29/16

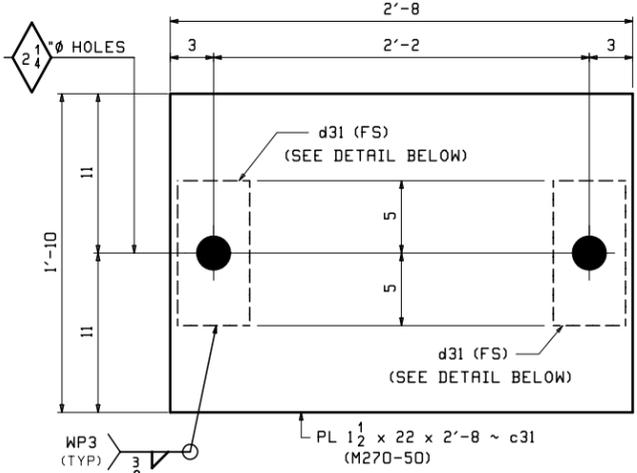
JOB NO. 598 DWG NO. E7

REV.

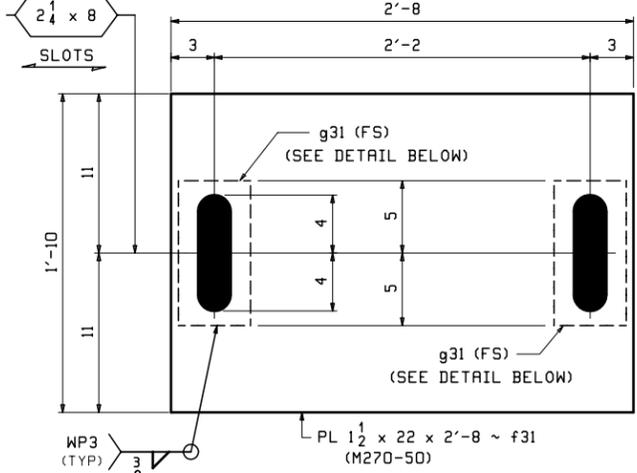


**16 ~ ANCHOR BOLTS ~ 31AB1**  
(@ FIXED & EXPANSION BEARING)

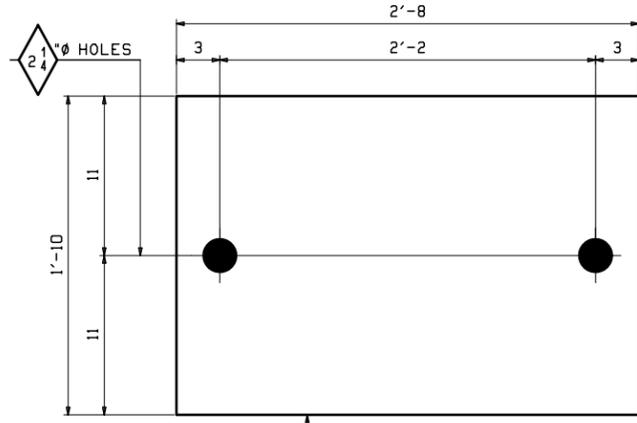
SEE NOTE "GA"



**4 ~ SOLE PLATES ~ 31SP1**  
(@ FIXED BEARING)

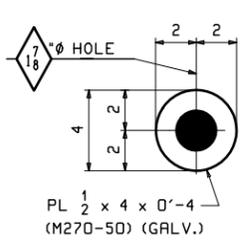


**4 ~ SOLE PLATES ~ 31SP2**  
(@ EXPANSION BEARING)

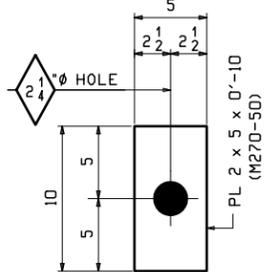


**8 ~ MASONRY PLATES ~ 31MP1**  
(@ FIXED & EXPANSION BEARING)

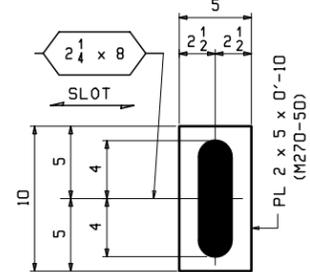
SEE NOTE "GC"



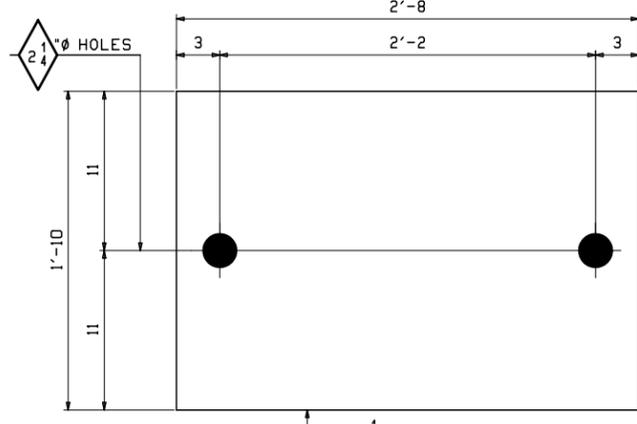
**16 ~ PLATES ~ b31**  
(@ PLATE WASHER)



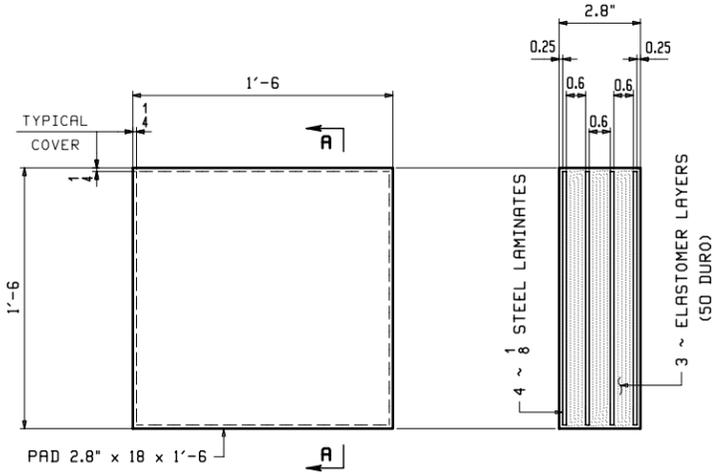
**8 ~ PLATES ~ d31**  
(SHEAR BLOCK @ FIXED BEARING)



**8 ~ PLATES ~ g31**  
(SHEAR BLOCK @ FIXED BEARING)



**8 ~ PADS ~ 31EP1**  
(@ FIXED & EXPANSION BEARING)



**8 ~ BEARING PADS ~ 31BP1**  
(@ FIXED & EXPANSION BEARING)

SECTION A-A

NOTE "GA"  
GALVANIZE ANCHOR BOLTS, HEAVY HEX NUTS & STANDARD BEVELED WASHERS IN ACCORDANCE WITH ASTM A153.  
GALVANIZE PLATE WASHERS IN ACCORDANCE WITH ASTM A123.

NOTE "GB"  
GALVANIZE SOLE PLATE ASSEMBLY AFTER WELDING SHEAR BLOCK IN ACCORDANCE WITH ASTM A123.

NOTE "GC"  
GALVANIZE MASONRY PLATES IN ACCORDANCE WITH ASTM A123.

ABM INFO		BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.		
PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH FT	INCHES	REMARKS	WT	PROCUREMENT NOTES
		31AB1	16		ANCHOR BOLTS			SEE NOTE "GA"	21	
7	F		16	a31	1/2" Ø ROD	2	7	F1554-GRADE 36 (SMEDGED)	16	
7	G		16	b31	PL 1/2 x 4	0	4		2	
7	H		32		1/2" Ø HHN			A563 (GR-A)	1	
7	J		16		BEVEL WASH FOR 1/2" WSB			F436	0.26	
		31SP1	4		SOLE PLATES			SEE NOTE "GB"	328	
7	B		4	c31	PL 1/2 x 22	2	8		299	
7	C		4	d31	PL 2 x 5	0	10		28	
		31SP2	4		SOLE PLATES			SEE NOTE "GB"	328	
7	B		4	f31	PL 1/2 x 22	2	8		299	
7	C		4	g31	PL 2 x 5	0	10		28	
					MASONRY PLATES					
7	D	31MP1	8		PL 1x22	2	8	GALV.	200	
					PADS					
7	L	31EP1	8		PAD 1/8 x 22	2	8	NEOPRENE		
					BEARING PADS					
7	N		8	31BP1	PAD 2.8"x18	1	6	50 DURO		

- NO EXCEPTION TAKEN
- MAKE CORRECTIONS NOTED
- REJECTED
- REVISE AND RESUBMIT
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DATE 4/6/16 BY J. NAJDOWSKI

NOTES:  
1. FOR GENERAL NOTES SEE DWG. GNI.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						
		MATERIAL: AS NOTED				SHOP BOLTS: NONE
		SURFACE PREP. & PAINT: SEE DWG. GNI				
		HOLES: AS NOTED				
DESCRIPTION: BEARING DETAILS						
STRUCTURE: TH-10 OVER OTTER CREEK PONY TRUSS BRIDGE		DRAWN: RB		DATE: 3/29/16		
LOCATION: RUTLAND CITY, VERMONT		CHKD: WJL		DATE: 3/29/16		
PROJ NO. BRF 3000 (19)		JOB NO. 598		DWG NO. 31		
CUSTOMER: KUBRICKY CONSTRUCTION CORP.				REV.		

Date: 4/6/16  
 Title: 2D  
 User: jna  
 Job: 3000 (19)  
 Rev: 1