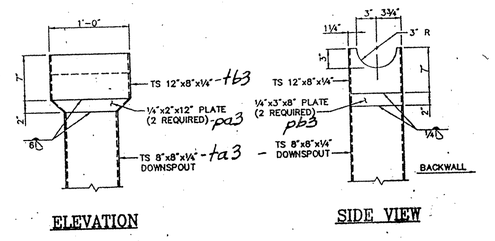
AEM INFO		SHOP BILL							JOB NO. 048	DRG. NO. 3-X
PAGE	LINE	NO.		DESCRIPTION	FT	IN	ASSEM. MARK	SHIPPING MARK	REMARKS	WEIGHT
		2		DOWNSPOUTS				DS1-R		
			2	TS 8x8x1/4	15	0 ±	ta3		A501 or A501	
			2	TS 12x8x1/4		7	tb3		Do	
			4	PL 4x2	1	0	pa3			
			4	PL 4x3		8	pb3			
		4		BAR 4x3/8	2	6 ±		SA1	BEND	
		4		Do	1	3		SB1		
		8		1/2" ϕ THREADED ROD		11		AB1		
			16	1/2" ϕ HEX NUTS						
			16	1/2" ϕ WASHERS						

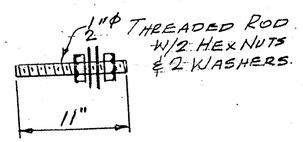
PAY ITEM 506.60
EXTRA



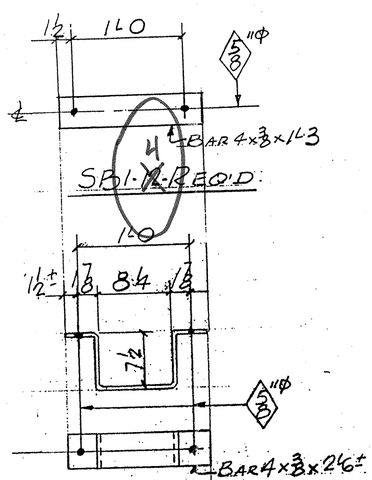
ELEVATION

SIDE VIEW

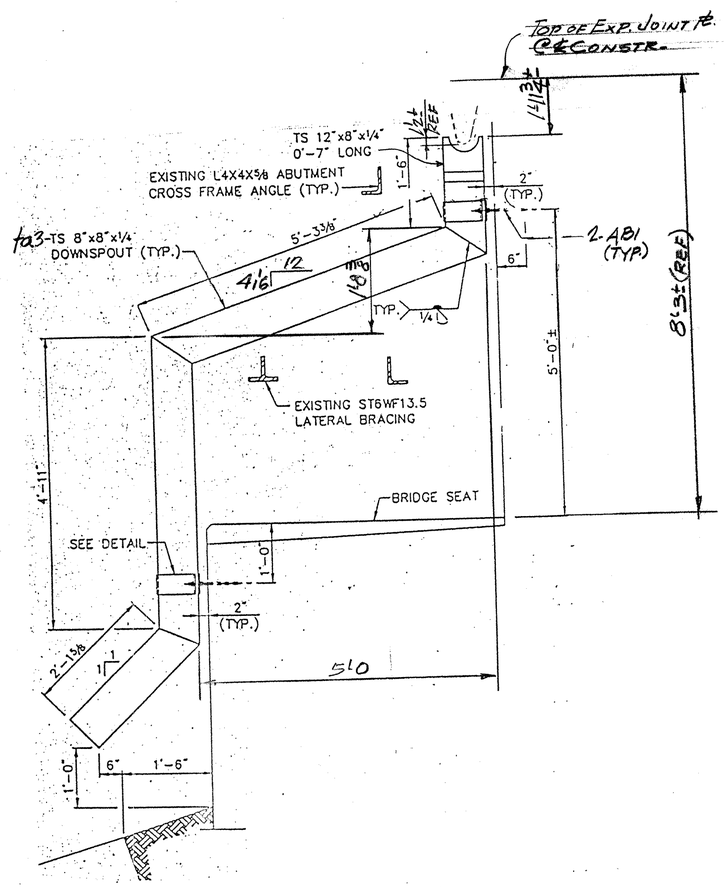
HOPPER DETAILS



AB1 - 8 REQ'D.



SA1 - 4 REQ'D



DS1-R - 2 REQ'D.

REVISED DOWNSPOUTS FOR S.B. Bridge
JGC

SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☐ REVISE AND RESUBMIT ✓ APPROVED AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THIS SHOP DRAWING DURING REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH CONTRACT DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR THE PURPOSE OF MINIMUM CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, and Scientists Six Bedford Farms, Kitton Rd., Bedford, NH 03102 603 644 0888

Job Number: 50699
Reviewed By: KRC
Date: 2/15/00

OUT FOR APPROVAL		2-1-00								
OUT FOR APPROVAL										
ISSUED TO SHOP										
FIELD & OFFICE										
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER

PROJECT NO. IR-089-1(13) STATE PROJECT NO. 11N & 11S

MATERIAL: AASHTO-M270 GR. 36 ELECTRODES: PER PROC. HOLES: AS NOTED SHOP BOLTS:

SURFACE PREP. & PAINT:

GALVANIZED AFTER FAB. - PER ASTM-A123 (AASHTO-M-111)

DESCRIPTION: REVISED DOWNSPOUTS (SB)

JOB: I-89 - NB & SB OVER WHITE RIVER, VT. 14 & NECR HARTFORD, VT.

CUSTOMER: WINTERSET INC.

	DRAWN BY	DATE
	JPF	1-00
	CHKD BY	
	EJ	
	APPROV BY	
	Q.A.	

CASCO BAY STEEL STRUCTURES, INC.
5 INDUSTRY ROAD SOUTH PORTLAND, ME. 04106
PHONE (207) 772-2533 FAX. (207) 772-0580

JOB NO.	DRG. NO.
048	3-X
114	REV. △

NEW PHONE 207 787-7360 207 787-1179