



ABM INFO		SHOP BILL				JOB NO. 250	DRG. NO. J1
PAGE	LINE	NO.	DESCRIPTION	FT	IN	REMARKS	WEIGHT
	1		EXP. JNT. ASSY			EJ-S	
	1		EXP. JNT. ASSY	36	0	EJ-N	
		4	L 2x4x2	36	0		
		4	BAR 5x14	16	1		
		4	DO	16	1		
		20	R 2x8	10	bc1		
		20	R 4x6	10	bd1		
		128	3/8" HS. BOLTS	24	mal		
		128	3/8" ANGLE STUDS	24	mal		
		144	3/8" ANGLE STUDS	10	mcl		
	2		PREPARED FROM	37	0	mf1	
	4		TRAP 16 x 3	37	0		
	20		1/2" THREADED ROBS	7		TS1	
		100	1/2" HEX NUTS			TS2	
		100	BAR 3x3	3	W1	WASHER	
		4	3/8" ANGLE STUDS	1	SUP	WASHER	
		1	4x4x1/2" ANGLE STUD	1	Obsal		
		3	3/8" HS BOLTS	3		W/WASHER	
CURBS							
		4	R 3x13 1/2	1	104	cp1	
		4	DO	1	63	cp1a	
		4	DO	1	73	cp1b	
		4	R 3x12 1/2	1	96	cp2	
		4	DO	1	64	cp2a	
		4	R 3x9 3/4	1	74	cp2b	
		4	DO	1	98	cp3	
		4	DO	1	64	cp3a	
		4	R 3x9 3/4	1	98	cp4	
		4	DO	1	58	cp4a	
		4	R 3x9 3/4	1	108	cp5	
		4	R 3x8 3/4	1	108	cp6	
		64	3/8" HS BOLTS	24	mal		
		64	3/8" ANGLE STUDS	24	mal		
		24	3/8" ANGLE STUDS	10	mcl		
		16	3/8" HS BOLTS	24	mal		
		16	3/8" ANGLE STUDS	7	mal		
		8	4x4x3/8	1	84	cp12	
		24	R 3x5 3/8	5	sp1		
		24	R 3x4	4	sp2		

PAY ITEM 516.10

OUT FOR APPROVAL	2/6/05										
OUT FOR APPROVAL	01/30/05										
ISSUED TO SHOP											
FIELD & OFFICE											
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	PROJECT NO. INT-089-12 (29) STATE BRIDGE NO.										
	MATERIAL: 1/2" THREADED RODS ELECTRODES: 3/8" HOLES: AS NOTED SHOP BOLTS: 3/8"										
	SURFACE PREP. & PAINT:										
	GALVANIZED AFTER FAB										
DESCRIPTION:	EXP. JNT. @ PIER	DRAWN BY:	JPF	DATE:	1-05						
JOB:	BRIDGE 51S @ 51N	CHKD BY:	EJ.								
	189 OVER U.S. ROUTE 2	APPROV BY:									
	1100 BOSTON, VT 05401	Q.A.									
CUSTOMER:	WINTERSET INC.										
	CASCO BAY STEEL STRUCTURES, INC.	JOB NO.:	250	DRG. NO.:	J1						
	75 SPRING HILL ROAD SACO, MAINE 04072	PHONE:	(207) 282-7360	FAX:	(207) 282-1179						

TVGA CONSULTANTS

NO EXCEPTIONS TAKEN REJECTED
 SURVIVE AS CORRECTED
 REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents. Such review does not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to the fabrication processes or to techniques of construction, and for coordination of the work of all trades.

BY: BAC
DATE: 7/10/05

WORK THIS DWG. W/DWG. J1A

ANCHOR FERRULE DETAIL - mbl