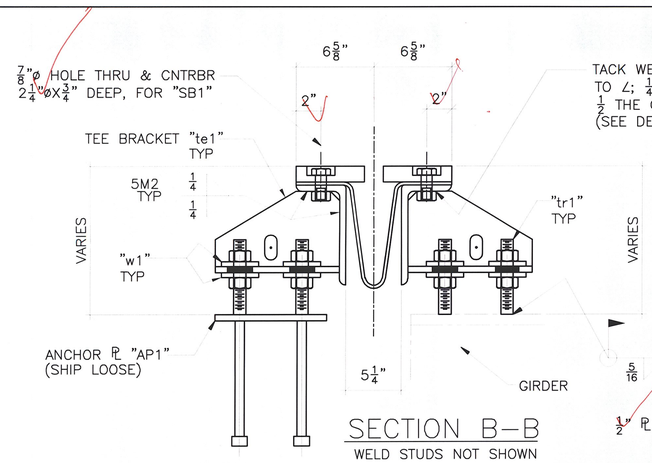
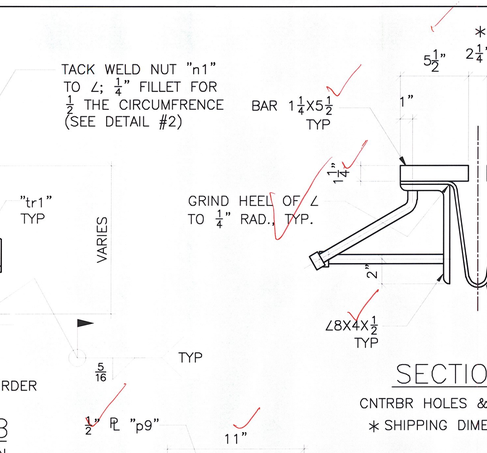
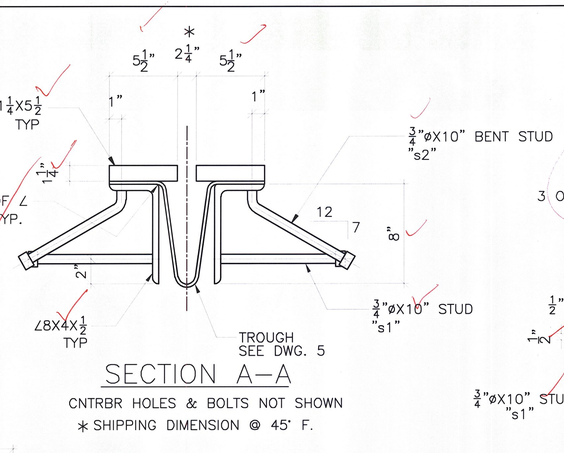


SECTION B–B

WELD STUDS NOT SHOWN



20–TEE BRACKET "te1"

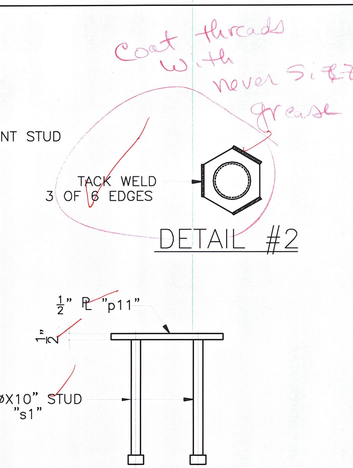


SECTION A–A

CNTRBR HOLES & BOLTS NOT SHOWN

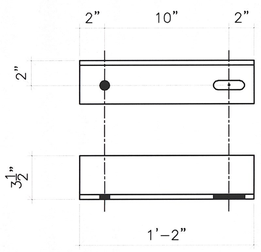
∗ SHIPPING DIMENSION @ 45° F.

160–3/8" WASHER "w1"

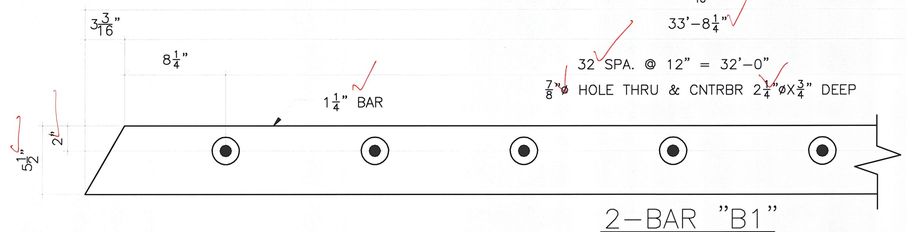


10–ANCHOR PL "AP1"

PLAIN MAT'L (NO GALV. REQ'D)



10–∠3 1/2X3 1/2X3/8, "SA1"



2–BAR "B1"

2–BAR "B2"

$\sqrt{(3\frac{3}{16})^2+(5\frac{1}{2})^2} = 6\frac{3}{8}$

$\sin^{-1}\left(\frac{3\frac{3}{16}}{6\frac{3}{8}}\right) = 30°$

RECEIVED
CK'T. BY SSS CK'D BY MEM
JAN 26 2010
RESUBMIT ____ APPROVED AS NOTED
BY ____ DATE 2/5/2010

BILL OF MATERIAL

SHIP	SHIP MARK	NO. PCS.	PIECE MARK	DESCRIPTION	LENGTH	REMARKS	MAT'L
1	EJ1			EXPANSION JOINT			
		1	a1	∠8X4X1/2	38'–3 11/16		
		1	a2	∠8X4X1/2	38'–3 11/16		
		2	B1	PL 1 1/4X5 1/2	33'–11 7/16		
		38	s1	3/4"ø CONC. STUD	0'–10		
		38	s2	3/4"ø CONC. STUD	0'–10		
		66	SB1	3/4"ø BOLT	0'–2 1/4	A325	
		66	n1	3/4"ø NUT		A563	
		10	p9	PL 1/2X8	0'–11	ASS'Y te1	
		10	p10	PL 1/2X6	0'–11	ASS'Y te1	
		80	w1	PL 3/8X3	0'–3		
		40	tr1	1"ø ALL THREAD	0'–7	A307	
				W/(2) NUTS EA.		A563	
1	EJ2			EXPANSION JOINT			
		1	a3	∠8X4X1/2	38'–3 13/16		
		1	a4	∠8X4X1/2	38'–3 13/16		
		2	B2	PL 1 1/4X5 1/2	33'–11 9/16		
		38	s1	3/4"ø CONC. STUD	0'–10		
		38	s2	3/4"ø CONC. STUD	0'–10		
		66	SB1	3/4"ø BOLT	0'–2 1/4	A325	
		66	n1	3/4"ø NUT		A563	
		10	p9	PL 1/2X8	0'–11	ASS'Y te1	
		10	p10	PL 1/2X6	0'–11	ASS'Y te1	
		80	w1	PL 3/8X3	0'–3		
		40	tr1	1"ø ALL THREAD	0'–7	A307	
				W/(2) NUTS EA.		A563	
10	AP1			ANCHOR PLATE		PLAIN MAT'L	
		10	p11	PL 1/2X8	0'–9		
		40	s1	3/4"ø CONC. STUD	0'–10		
	NP1	2		5/32"X36" PREFORMED FABRIC	36'–4	3–PLY	
				1/16"X3" BUTYL RUBBER TAPE			
		2	db1	5/32"X1/4" PREFORMED FABRIC	0'–7"	3–PLY	
		4	SB3	1/2"ø GALV. BOLT	0'–1	W/N&(2)W	
				SHIPPING MATERIAL			
		10	SA1	∠3 1/2X3 1/2X3/8	1'–2		
		20	SB2	3/4"ø BOLT	0'–3 1/2	A325	

ERECTION BOLTS W/H.H.N.				WASHERS		FINISH
QUAN.	SIZE	LENGTH	TYPE	FLAT	BEV.	GALV. AASHTO M232

FINISH	HOT DIPPED GALVANIZED
MATERIAL	AASHTO M270 GR. 36
HOLES	AS NOTED
ELECTRODES	PER W.P.S.
WELDS	AS NOTED
SURFACE PREP	SSPC–SP8

FOR APPROVAL ONLY

NO	DATE	DESCRIPTION	BY

REVISIONS

ARC ENTERPRISES, INC.

ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 120 KINGFIELD, ME. 04947
PHONE: (207) 265–2646 – FAX: (207) 265–4054

DRAFTER	JAC	EXPANSION JOINT DETAILS	PROJECT NO. BRS 0284(14)
DATE	1/8/10	VERMONT AGENCY OF TRANSPORTATION TOWNS OF MORETOWN–MIDDLESEX, U.S. RTE. 2 MAJOR. COLL.	DWG. NO. 7
CHECKED	MTD	G.C. WINTERSET, INC.	
JOB	#09–200		