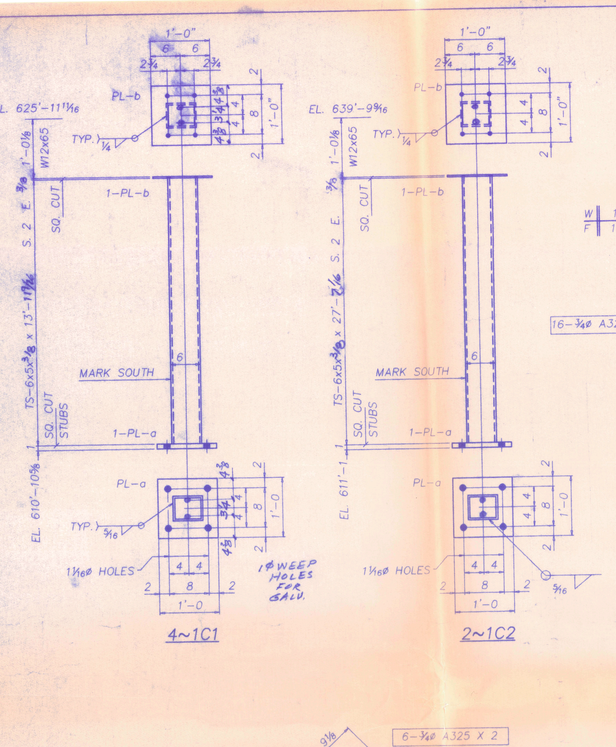

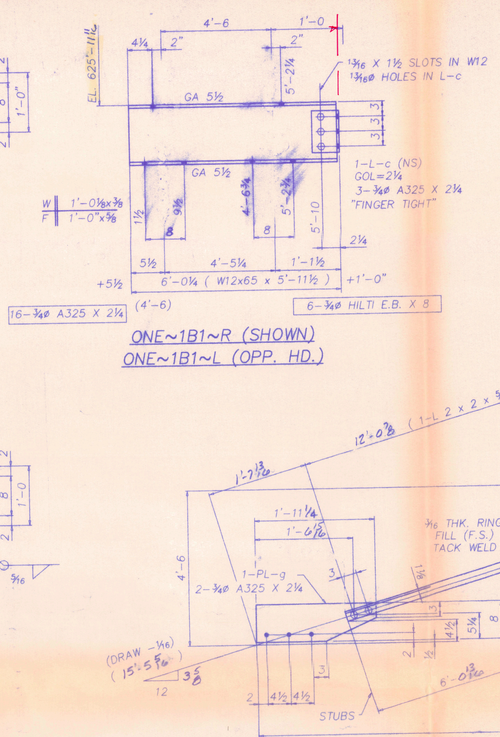

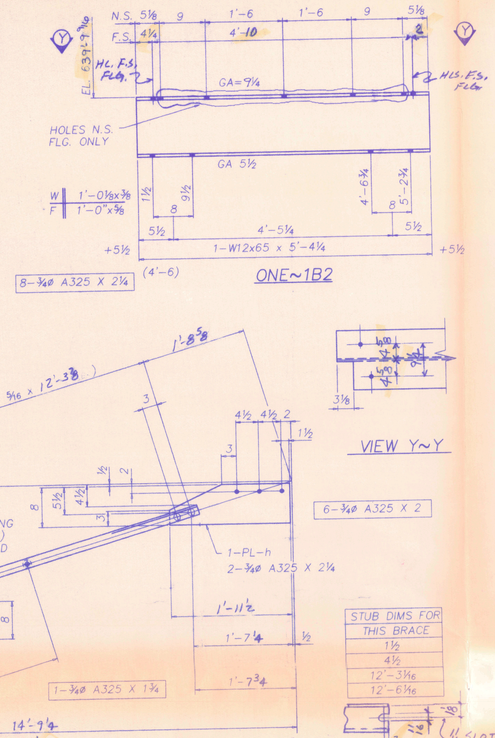

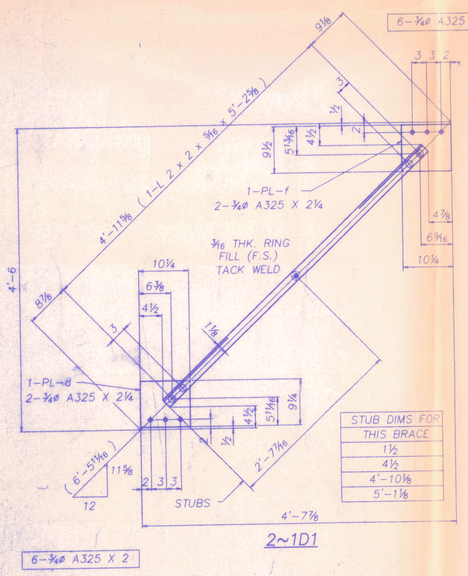

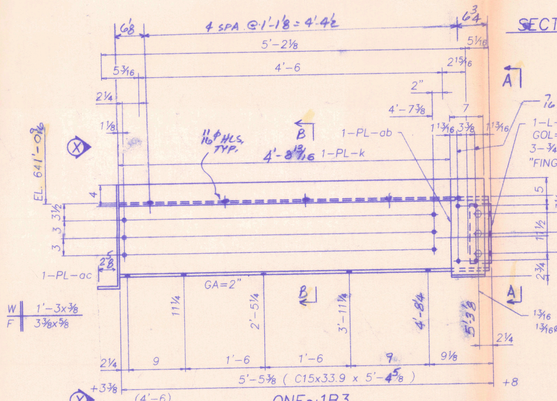

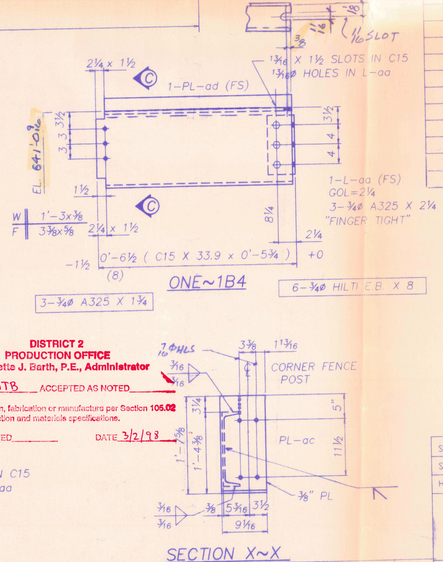

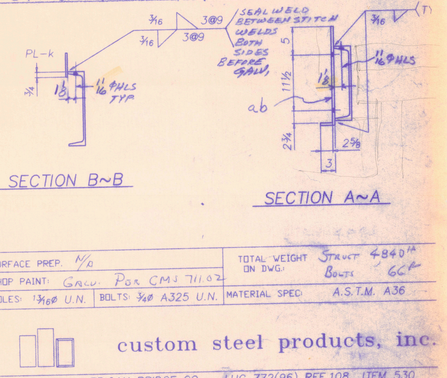

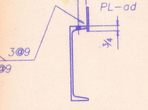

SHOP BILL

PIECE	QTY.	DESIGNATION	UNIT WT.	LENGTH FT.	LENGTH INCHES	MARK	BOLT G	ADD. MAT'L	REMARKS	ADV. BILL	ORDERED LENGTH	WEIGHT
	4	T.S. 6 X 5 X 5/8	25.47	13	1[illegible]	1C1			S. 2 E.			1392
	4	PL 1 X 12		1	0	a						163
	4	PL 3/8 X 12		1	0	b						51
											1606	
	2	T.S. 6 X 5 X 3/8	27	7	1/2	1C2			S. 2 E.			1382
	2	PL 1 X 12		1	0	a						81
	2	PL 3/8 X 12		1	0	b						20
											1489	
	ONE	W12 X 65		5	11 1/2	1B1 R			(SHOWN)			387
	ONE	W12 X 65		5	11 1/2	1B1 L			(OPP. HD.)			387
	2	L 4 X 4 X 5/16		0	10	c						14
	6	3/4ø A325		0	2				W/NUT & WASHER			4
											855	
	ONE	W12 X 65		5	4 1/4	1B2						348
											348	
	2	L2 X 2 X 5/16	3.32	5	2 3/8	1D1						41
	2	PL 3/8 X 9 1/4		0	10 1/4	d						20
	2	PL 3/8 X 9 1/2		0	10 1/2	f						21
	8	3/4ø A325		0	2 1/4				W/NUT & WASHER			5
	2	3/4 THK. RING FILL~1/16 I.D.										2
											87	
	2	L2 X 2 X 5/16	3.32	12	3 3/8	1D2						97
	2	PL 3/8 X 7 7/8		1	11 1/4	g						38
	2	PL 3/8 X 8		1	11 1/2	h						40
	8	3/4ø A325		0	2 1/4				W/NUT & WASHER			5
	2	3/4 THK. RING FILL~1/16 I.D.										2
											182	
	ONE	C15 X 33.9		5	4 5/8	1B3						183
	1	L 4 X 4 X 5/16		1	0	aa						8
	3	3/4ø A325		0	2				W/NUT & WASHER			1
	1	PL 5/16 X 4		4	8 3/8	k						20
	1	PL 3/8 X 7		1	9 7/8	ab						13
	1	PL 3/8 X 9 1/16		1	9 7/8	ac			BENT			17
											292	
	ONE	C15 X 33.9		0	5 3/4	1B4						16
	4	L 4 X 4 X 5/16		1	0	aa						8
	3	3/4ø A325		0	2				W/NUT & WASHER			2
	1	PL 5/16 X 4		0	7 1/2	aa						3
											29	
		FIELD BOLTS THIS DWG.										
	5	3/4ø A325		0	1 3/4				W/NUT & WASHER			3
	30	3/4ø A325		0	2				W/NUT & WASHER			19
	24	3/4ø A325		0	2 1/4				W/NUT & WASHER			16
	5	3/4ø A325		0	2 3/4				W/NUT & WASHER			4
	5	3/4 BEV. WASHERS										1
	15	3/4ø HILTI E.B.		0	8							21
	5	1/2ø A307 (STK)		0	1 3/4				W/NUT & WASHER			1
	5	1/2 Beveled Washers										1

STUB DIMS FOR THIS BRACE
1 1/2
4 1/2
12'-3 1/16
12'-6 1/16

STUB DIMS FOR THIS BRACE
1 1/2
4 1/2
4'-10 1/8
5'-1 1/8

FIELD BOLTS THIS DWG.			
5	3/4ø A325	0 1 3/4	W/NUT & WASHER
30	3/4ø A325	0 2	W/NUT & WASHER
24	3/4ø A325	0 2 1/4	W/NUT & WASHER
5	3/4ø A325	0 2 3/4	W/NUT & WASHER
5	3/4 BEV. WASHERS		
15	3/4ø HILTI E.B.	0 8	
5	1/2ø A307 (STK)	0 1 3/4	W/NUT & WASHER
5	1/2 Beveled Washers		

DISTRICT 2
PRODUCTION OFFICE
Bernadette J. Barth, P.E., Administrator
ACCEPTED JTB ACCEPTED AS NOTED
for construction, fabrication or manufacture per Section 105.02 of the construction and materials specifications.
NOT ACCEPTED DATE 3/2/98

NO.	DATE	BY	DESCRIPTION
3	12/15/97	ATS	APP. 11/25/97 CHN'G.
2	11/5/97	ATS	APP. 10/20/97 CHN'G.
1	9/12/97	ATS	REV. OF 8/12/97

REVISION

Alpine Tech. Services Inc.
270-B Saxonburg Blvd.
Cheswick, PA. 15024
(412)767-4966

1350

SURFACE PREP. N/A
SHOP PAINT: Grav. Par CMS 711.02
HOLES: 13/16ø U.N. BOLTS: 3/4ø A325 U.N.
TOTAL WEIGHT ON DWG: Struct 4840#, Bolts 66#
MATERIAL SPEC: A.S.T.M. A36

custom steel products, inc.

CUSTOMER: AMERICAN BRIDGE CO. - LUC 772(96) REF.108 ITEM 530
DESCRIPTION: STAIRWAY FOR ANTHONY WAYNE BRIDGE
MADE EEM DATE 4-24-97
CHECKED DATE
CONTRACT 97-137
SEQ.
DRAWING 1
RE 3