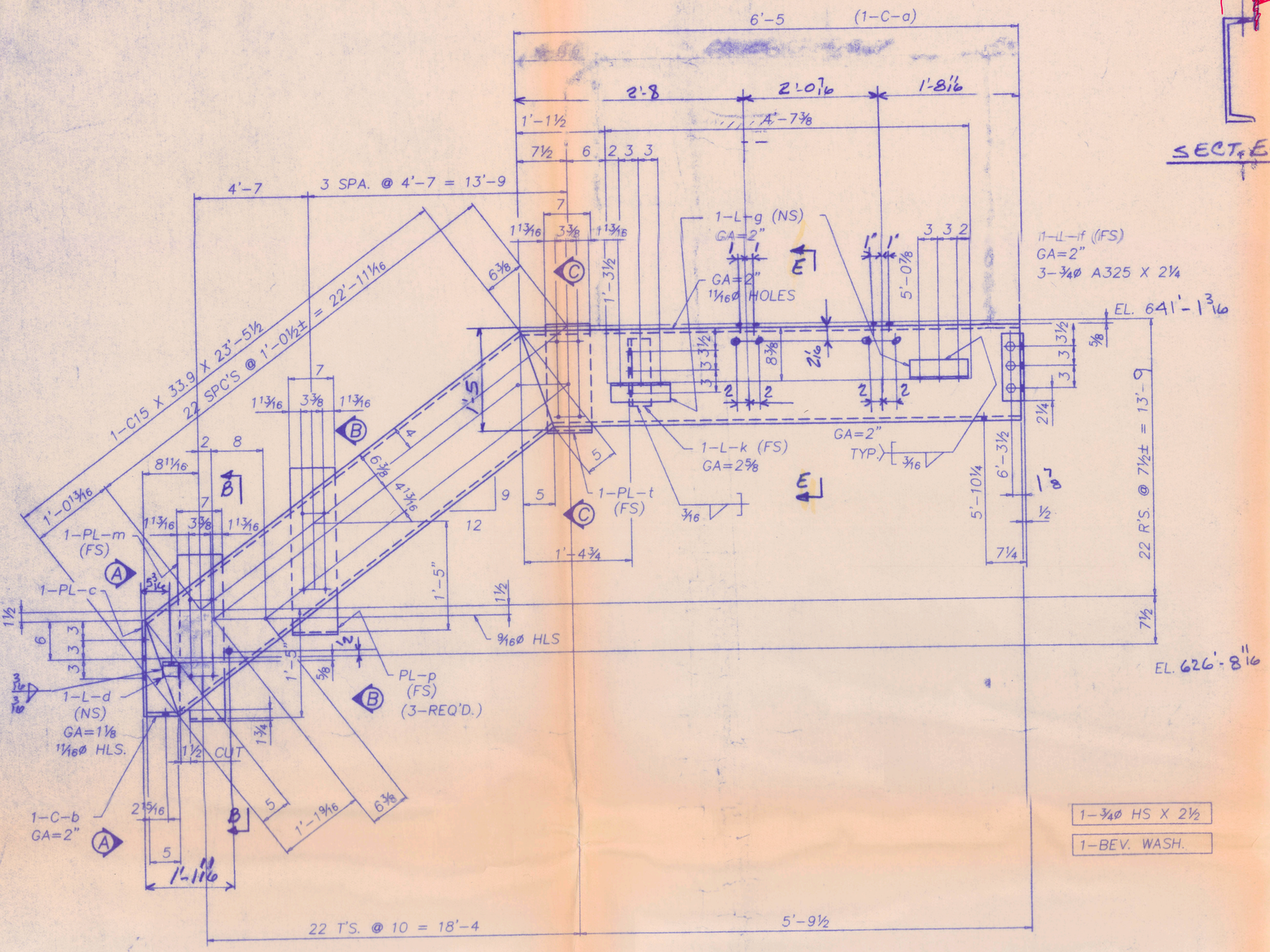
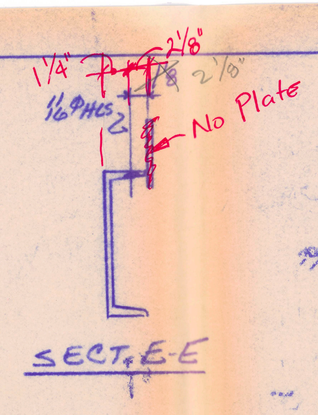


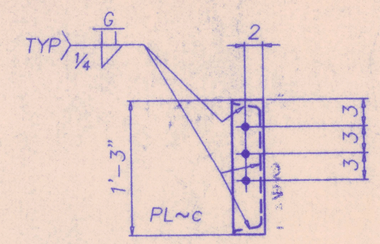
44-1/2Ø A307 FOR TREADS

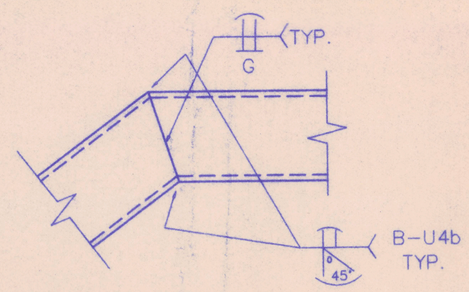
1-3/4Ø HS X 2 1/2

1-BEV. WASH.

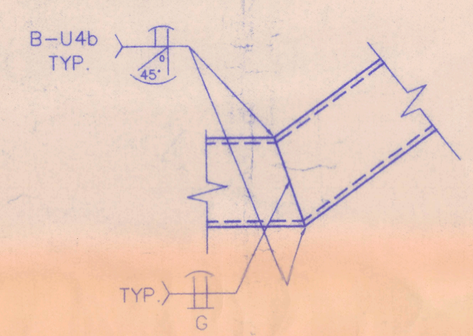


STUB DIMS FOR TREADS		
TREAD NO.	1ST HOLE	2ND HOLE
1	1'-1 9/16	1'-7 15/16
2	2'-2 1/16	2'-8 7/16
3	3'-2 9/16	3'-8 15/16
4	4'-3 1/16	4'-9 7/16
5	5'-3 9/16	5'-9 15/16
6	6'-4 1/16	6'-10 7/16
7	7'-4 9/16	7'-10 15/16
8	8'-5 1/16	8'-11 7/16
9	9'-5 9/16	9'-11 15/16
10	10'-6 1/16	11'-0 7/16
11	11'-6 9/16	12'-0 15/16
12	12'-7 1/16	13'-1 7/16
13	13'-7 9/16	14'-2
14	14'-8 1/16	15'-2 1/2
15	15'-8 9/16	16'-3
16	16'-9 1/16	17'-3 1/2
17	17'-9 9/16	18'-4
18	18'-10 1/16	19'-4 1/2
19	19'-10 9/16	20'-5
20	20'-11 1/16	21'-5 1/2
21	21'-11 9/16	22'-6
22	23'-0 1/8	23'-6 1/2





TYP. MOMENT CONNECTION DETAIL AT TOP OF STRINGER

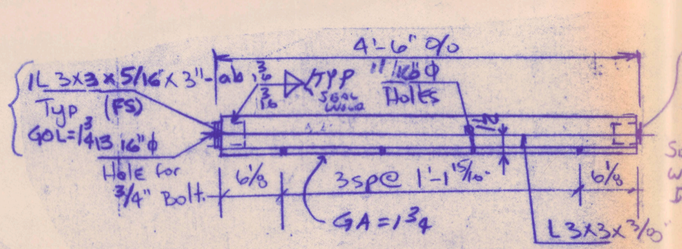


TYP. MOMENT CONNECTION DETAIL AT BOTTOM OF STRINGER

SHOP BILL

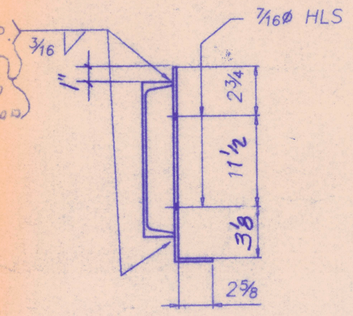
MK	QTY.	DESIGNATION	UNIT WT.	LENGTH FT.	LENGTH INCHES	MARK	NTG	ADD. MAT'L.	REMARKS	ADV. BILL	ORDERED LENGTH	WEIGHT
ONE	1	C15 X 33.9		23	5 1/2	3SS1						795
	1	C15 X 33.9		6	5	a						218
	1	C15 X 33.9		0	5	b						14
	1	PL 5/8 X 3 1/2		1	3	c						6
	1	L2 1/2 X 2 1/2 X 1/4 41		0	3	d						1
	1	L3 X 3 X 5/16 61		0	10 1/2	f						5
	2	L3 X 3 X 5/16 61		0	8 1/2	g					1048#	9
	1	L5 X 3 X 5/16 82		0	10	k						7
	3	3/4Ø A325		0	2				W/NUT & WASHER			2
	1	PL 3/8 X 7		2	6 1/4	m			BENT			21
	3	PL 3/8 X 7		2	6 1/4	p			BENT			63
	1	PL 3/8 X 7		1	8	t			BENT		108#	15
ONE	1	L-3x3x3/8		4	11	3A1					35#	35
2	2	W4 x 13		4	5	3A2						115
8	8	L-3x3x5/16	6.1	0	3 1/4	aa					128#	13
ONE	ONE	L- 3x3x3/8	7.2	4	5	3A3						32
2	2	L-3x3x5/16	6.1	0	3	ab					35#	3
8	8	W4x13		4	5	3A4						460
32	32	L-3x3x5/16	6.1	0	3 1/4	aa					513#	53
	FIELD BOLTS THIS DWG.											
	2	3/4Ø A325		0	2 1/2				W/NUT & WASHER			
	44	1/2Ø A307		0	1 1/8				FOR TREADS W/NUT			9
	2	3/4Ø BEV WASH.										1
	4	1/2Ø A307-(CTSK)		0	2 1/4				W/NUT & BEV. WASH FOR PLATFORM (STSK)			2
	73	1/2Ø A307-(CTSK.)		1	3 4				W/NUT			32
	58	3/4Ø A325		0	1 3 4				W/NUT & WASHER			35
	5	3/4Ø HILTI EXP. BOLT							8" EMBEDMENT			7
	4	1/2Ø A307 CTSK		0	2 1/4				W/NUT			1
	4	1/2Ø BEVEL WASHER										1

1L-ab(F.S.)

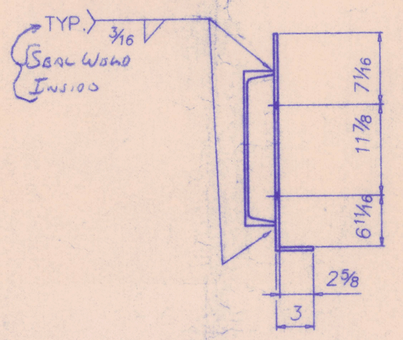


ONE-3A3

2-3/4Ø A325 X 1 3/4
4-1/2Ø CTS BOLTS X 1 3/4

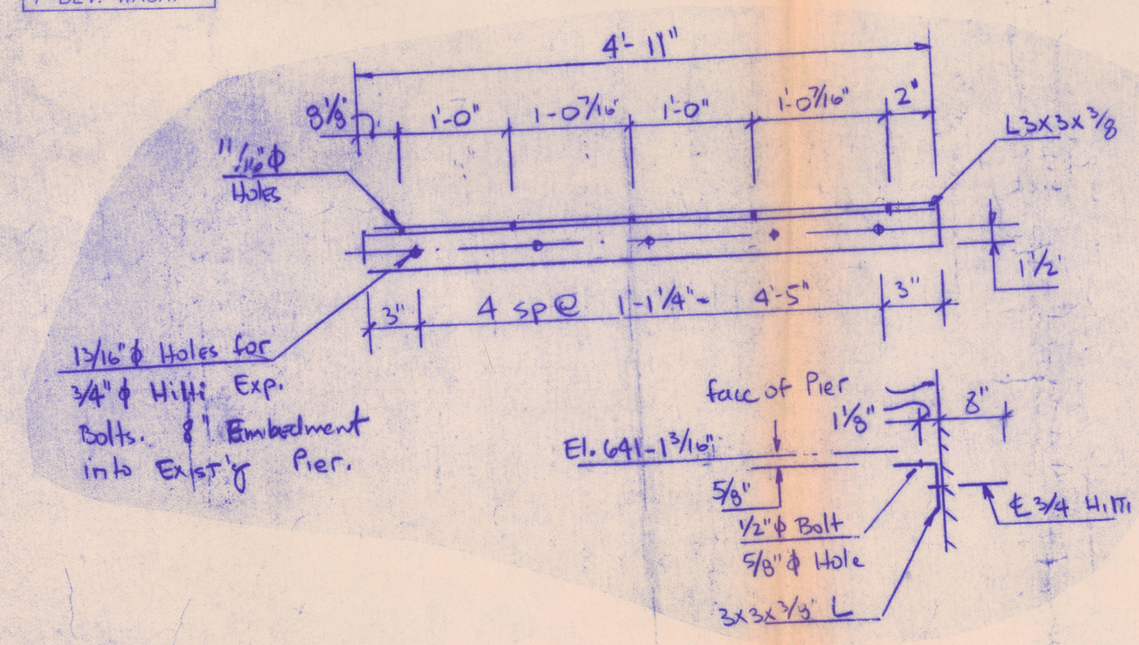


SECTION C~C



SECTION B~B

ONE~3SS1

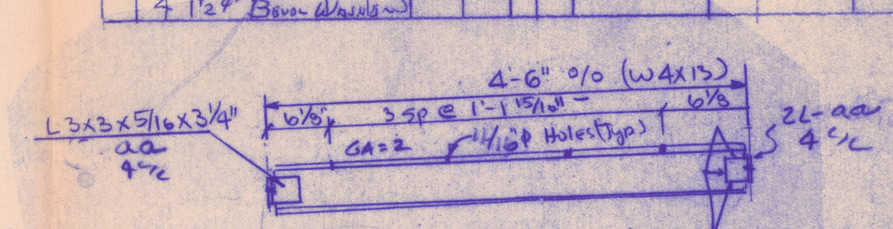


ONE-3A1

5-1/2Ø CTS BOLTS X 1 3/4
5-3/4 E.B.

2-3A2

8-3/4Ø A325 X 1 3/4
16-1/2Ø CTS BOLTS X 1 3/4



8-3A4

32-3/4Ø A325 X 1 3/4
64-1/2Ø CTS X 1 3/4

LOWER PLAT FORM FLOOR BEAM (8 REQ'D)

DISTRICT 2
PRODUCTION OFFICE
Bernadette J. Barth, P.E., Administrator

ACCEPTED_____ ACCEPTED AS NOTED JTB

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 CWN's
2	11/5/97	ATS	APP. 10/20/97 CWN's
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		TOTAL WEIGHT ON DWG.:	STRUCTURAL 1867 BOLTS 88
SHOP PAINT: GALV. PER CMS 711.02			
HOLES: 1 1/16Ø U.N.	BOLTS: 3/4Ø A325 U.N.	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	CONTRACT 97-137	SEQ.	DRAWING 3
CHECKED	DATE			REV. 3

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