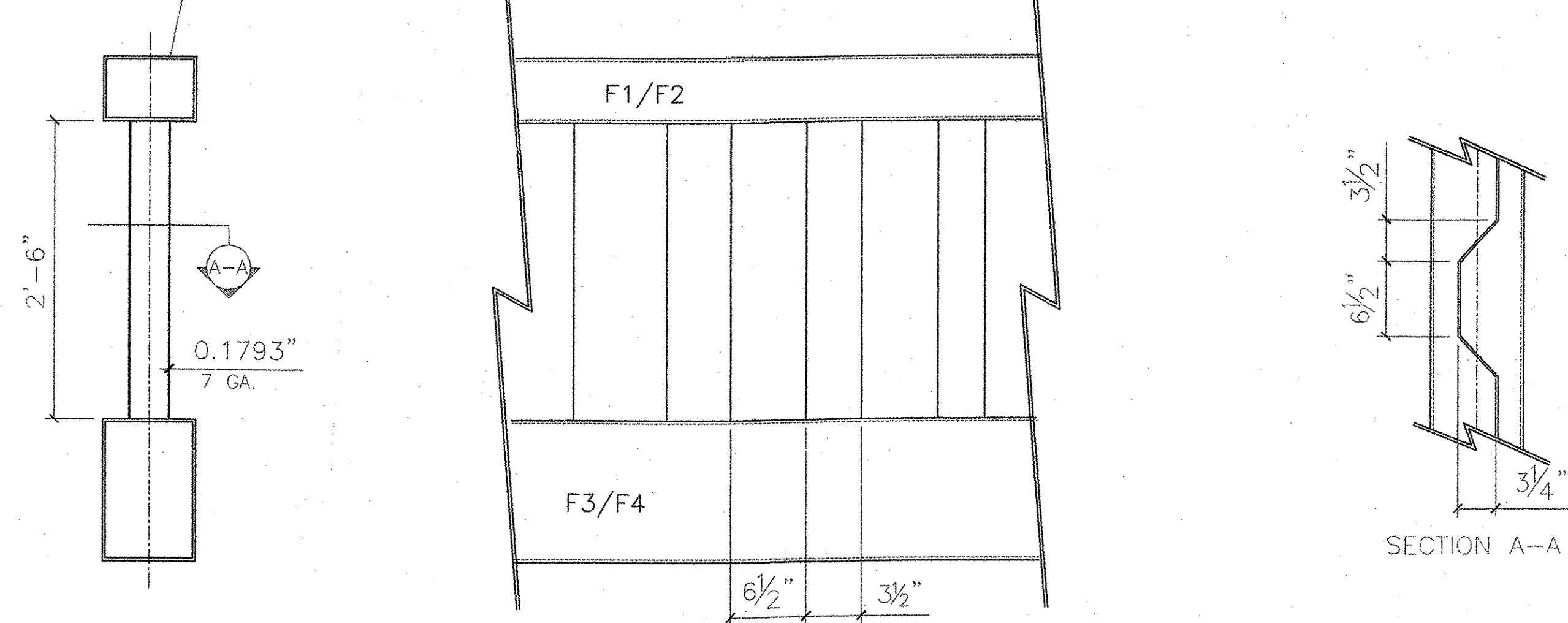


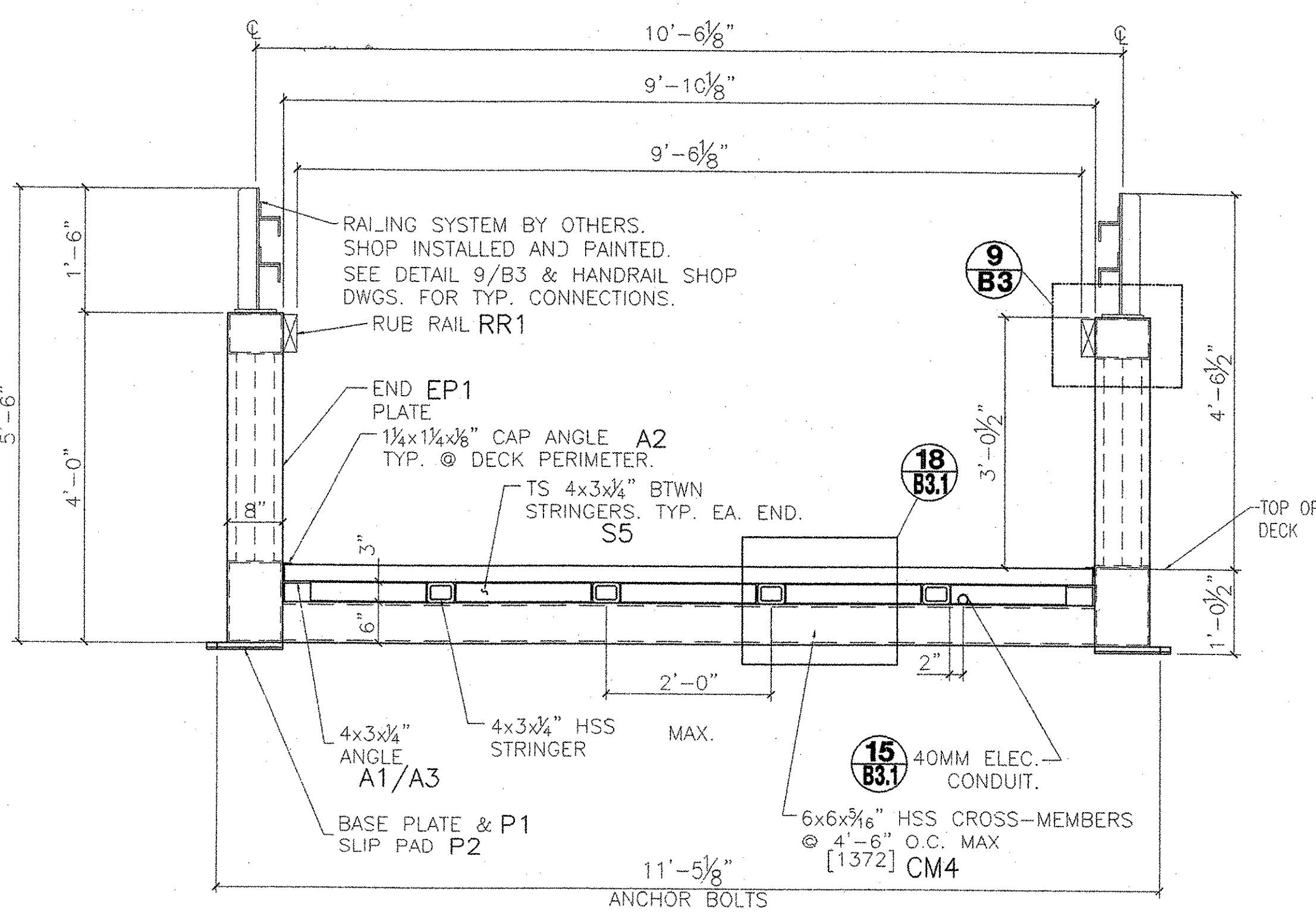
1 BRIDGE TYPICAL SECTION

SEE PLANS FOR TUBE STEEL SIZING



DETAIL OF CORRUGATED EAGLESPAN BEAM

SEE ALSO **14 B3**

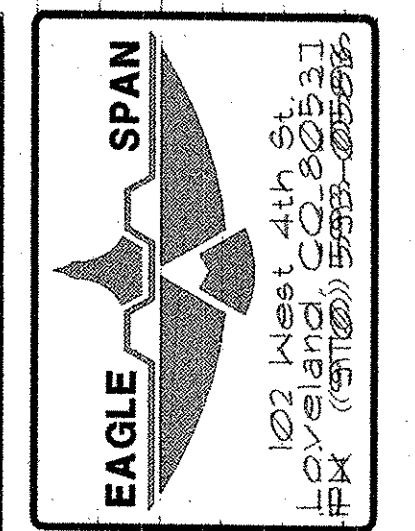
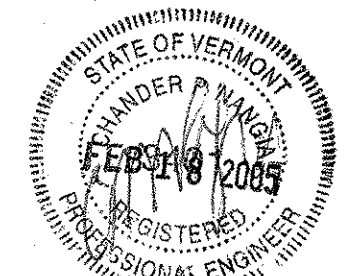


2 BRIDGE TYPICAL END VIEW

MATERIALS LIST

MK #	QTY	MAT	DIMENSIONS	LENGTH / EA.	WT/FT	TTL LF	TTL WT	MINIMUM YIELD STRENGTH (KSI)
F1A	1	TS	8.0000 x 6.0000 x 0.3750	40'- 8 3/4"	32.58	40.7	1326.98	46.00
F2A	1	TS	8.0000 x 6.0000 x 0.3750	49'- 6 1/4"	32.58	49.5	1613.39	46.00
F3A	1	TS	12.0000 x 8.0000 x 0.2500	40'- 9 5/8"	32.83	40.8	1331.37	46.00
F4A	1	TS	12.0000 x 8.0000 x 0.2500	49'- 5 1/2"	32.83	49.5	1613.83	46.00
F1B	1	TS	8.0000 x 6.0000 x 0.3750	40'- 8 9/16"	32.58	40.7	1326.45	46.00
F2B	1	TS	8.0000 x 6.0000 x 0.3750	49'- 6 5/8"	32.58	49.6	1614.41	46.00
F3B	1	TS	12.0000 x 8.0000 x 0.2500	40'- 7 15/16"	32.83	40.7	1326.78	46.00
F4B	1	TS	12.0000 x 8.0000 x 0.2500	49'- 7 7/16"	32.83	49.6	1619.09	46.00
CM1	18	TS	6.0000 x 6.0000 x 0.3125	9'- 10"	23.34	177.0	4131.18	46.00
CM2	2	TS	6.0000 x 6.0000 x 0.3125	9'- 10"	23.34	19.7	459.02	46.00
CM3	2	TS	6.0000 x 6.0000 x 0.3125	4'- 5 5/16"	23.34	8.9	207.39	46.00
CM4	2	TS	6.0000 x 6.0000 x 0.3125	13'- 3 1/4"	23.34	26.5	619.48	46.00
T1	16	TS	2.0000 x 2.0000 x 0.2500	10'- 7 1/2"	5.41	170.0	919.70	46.00
T2	2	TS	2.0000 x 2.0000 x 0.2500	10'- 4 5/8"	5.41	20.8	112.37	46.00
T3	2	TS	2.0000 x 2.0000 x 0.2500	6'- 8 3/4"	5.41	13.5	72.81	46.00
S1	2	TS	4.0000 x 3.0000 x 0.2500	42'- 6 9/16"	10.51	85.1	894.34	46.00
S2	2	TS	4.0000 x 3.0000 x 0.2500	44'- 2 11/16"	10.51	88.4	929.59	46.00
S3	2	TS	4.0000 x 3.0000 x 0.2500	45'- 10 7/8"	10.51	91.8	964.95	46.00
S4	2	TS	4.0000 x 3.0000 x 0.2500	47'- 7"	10.51	95.2	1000.20	46.00
S5	10	TS	4.0000 x 3.0000 x 0.2500	2'- 5 3/4"	10.51	24.8	260.56	46.00
A1	4	L	4.0000 x 3.0000 x 0.2500	40'- 10 1/2"	5.80	163.5	948.30	36.00
A3	4	L	4.0000 x 3.0000 x 0.2500	48'- 10"	5.80	195.3	1132.93	36.00
A2	4	L	1.2500 x 1.2500 x 0.1250	49'- 1 1/2"	1.01	196.5	198.47	36.00
EP1	4	FB	0.7500 x 10.0000 x 0.0000	4'- 0"	25.52	16.0	408.32	36.00
SP1	4	FB	1.0000 x 8.0000 x 0.0000	4'- 8"	27.20	18.7	507.73	50.00
P1	4	FB	0.7500 x 10.0000 x -	0'- 10"	25.52	3.3	85.07	36.00
P2	4	UHMWP	0.2500 x 10.0000 x -	0'- 10"	1.00	3.3	3.33	N/A
W30A	2	WEB	30.0000 x 0.1800 x -	51'-	19.50	102.0	1989.00	30.00
W30B	2	WEB	30.0000 x 0.1800 x -	61'-	19.50	123.8	2414.75	30.00
PAN	100	SCREW	#10 x 2.0000 x -	2		0.0	5.00	N/A
TEK5	1300	SCREW	#12 x 3.5000 x -	3 1/2		0.0	15.00	N/A
TEK5	100	SCREW	#12 x 2.5000 x -	2 1/2		0.0	8.00	N/A
RR1	18	WOOD	2.0000 x 6.0000 x -	10'- 0"	2.00	180.0	360.00	N/A
CNDT	10	CONDUIT	1.5000 x EMT x -	10'- 0"	0.50	100.0	50.00	N/A
DECK	149	DECK	3.0000 x 8.0000 x -	9'- 9 1/4"	3.75	1455.9	5459.45	N/A
RAIL	2	RAIL	0.0000 x 0.0000 x -	88'- 0"	11.17	176.0	1965.92	N/A
BOLTS	28	A490	1.0000 x 3.5000 x -	0'- 3 1/2"	1.00	8.2	28.00	N/A

TOTAL WEIGHT POUNDS **37923.13**



WHITCOMB CONSTR.
WHESTONE BROOK PATH
PEDESTRIAN BRIDGE
REDTILEBROOK, VT

REVISIONS

DATE	REV.	DESCRIPTION
1/8/04	0	FOR OWNER APPROVAL
1/21/04	1	CUSTOMER CHANGES
9/3/04	2	RE-SUBMITTAL
10/12/04	3	RE-SUBMITTAL
2/17/05	5	AS MANUFACTURED

BIG R
MANUFACTURING, LLC
PO BOX 1290
GREELEY, COLORADO
PH: (970) 356 9600
FAX: (970) 356 3041

DRAWN: MD6
DATE: 1/1/04
CHECKED: SFP
DATE: 1/8/04
APPROVED: SFP

REV. **5**
PROJECT NO. **24-775E**
SHEET NO. **B2**