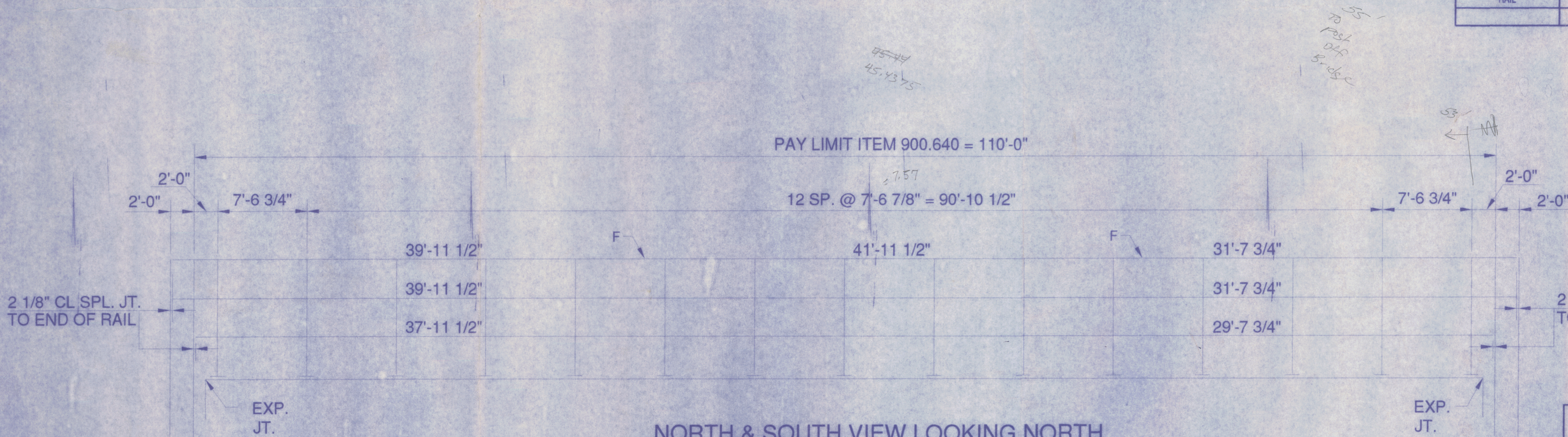
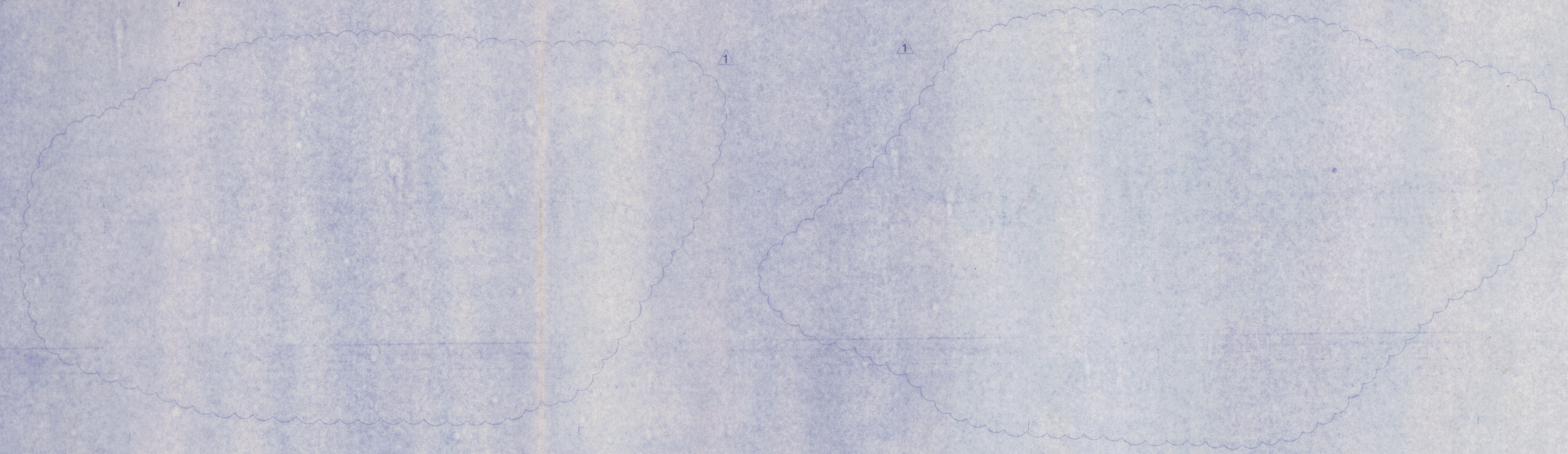




NORTH & SOUTH VIEW LOOKING NORTH
(3 RAIL AMERICAN SERIES)
W/ STD ANCHORAGE

KEY:
F=1/2" FXD. SPL. JT.

ALL DIMENSIONS MUST BE FIELD VERIFIED
PRIOR TO FABRICATION BY CONTRACTOR

BILL OF MATERIAL					
MARK OR USE	QTY.	SHAPE	SHAPE		REMARKS
			FT.	IN.	
ITEM NO. 900.640					
RAIL	4	T.S. 6"x6"x3/16" WALL	41	11 1/2	A500 GR B *
RAIL	4	T.S. 6"x6"x3/16" WALL	39	11 1/2	A500 GR B W/EXP. SLOTS @ ONE END *
RAIL	4	T.S. 6"x6"x3/16" WALL	31	7 3/4	A500 GR B W/EXP. SLOTS @ ONE END *
FIXED SPLICE	8	T.S. 5"x5"x5/16" WALL	2	3	A500 GR B w/3-PL 1/4"x4"x2'-2" A36 CVN A370
EXP. SPLICE	8	T.S. 5"x5"x5/16" WALL	3	0	A500 GR B W/3-PL 1/4"x4" A36 CVN A370
SPLICE BOLT	64	3/4"Ø HEX BOLT		7 1/2	A325 w/N, 2FW
RAIL	2	T.S. 5"x3"x1/4" WALL	41	11 1/2	A500 GR B *
RAIL	2	T.S. 5"x3"x1/4" WALL	37	11 1/2	A500 GR B W/EXP. SLOTS @ ONE END *
RAIL	2	T.S. 5"x3"x1/4" WALL	29	7 3/4	A500 GR B W/EXP. SLOTS @ ONE END *
FIXED SPLICE	4	BAR 2 1/8"x4 1/4"	2	3	A572 GR50
EXP. SPLICE	4	BAR 2 1/8"x4 1/4"	3	0	A572 GR50
SPLICE BOLT	32	3/4"Ø HEX BOLT		4 1/2	A325 w/N, 2FW
RAIL POST BOLT	120	7/8"Ø ROUND HEAD BOLT		8	A325W/N,SQW,LW
L CLIP	30	L 5"x5"x5/8"		6 1/8	A572 GR50
L POST BOLT	60	3/4"Ø HEX BOLT		2 1/4	A325 W/N,LW
L RAIL BOLT	30	3/4"Ø HEX BOLT		8	A325 W/N,LW
POST	30	W6X25X2'-7 3/4"	2	9	A572 GR50 W/PL 1 1/4"x10"x 1'-2"
ANCHOR PLATE	30	PL 3/8"x10"	1	2	A36
ANCHOR STUD	120	1"Ø FULLY THREADED	1	2	A449 W/4N, 4FW

BILL OF MATERIAL					
MARK OR USE	QTY.	SHAPE	SHAPE		REMARKS
			FT.	IN.	
ITEM NO. 900.620 TRANSITION					
RAIL	4	T.S. 5"x3"x1/4" WALL	4	5 3/4	A500(710-23)W/5'-0" FLAREBACK.



* DROP WEIGHT TEAR TEST PER ASTM E436

RECEIVED
CHK'D BY JEL OK'D BY JAG
JAN 23 2010
RESUBMIT APPROVED
BY kmh DATE 3/9/10

REVISED PER VT. STATE REVIEW REMOVED DETAILS		DESCRIPTION:	
2/16/10	DATE:	BRIDGE RAILING LAYOUT	
DRAWN BY: ESB		DATE: 1/27/10	CHECKED BY: DCK
STATE OF VERMONT AGENCY OF TRANSPORTATION HIGHWAY TH 43 (BR. 33) OVER WARDBORO BROOK IN THE TOWN OF JAMAICA IN WINDHAM COUNTY		SHEET NO. 1 OF 3	
CONT. NO. BRO 1442 (27)		GEN. CONT. RENAUD BROTHERS, INC.	
ERECTOR: RENAUD BROTHERS, INC.		FABRICATOR: PH. (315)738-8312	
DI HIGHWAY SIGN & STRUCTURE CORPORATION P.O. BOX 123140 GREENMAN AVE. NEW YORK MILLS, N.Y. 13417		JOB NO. R15-03	