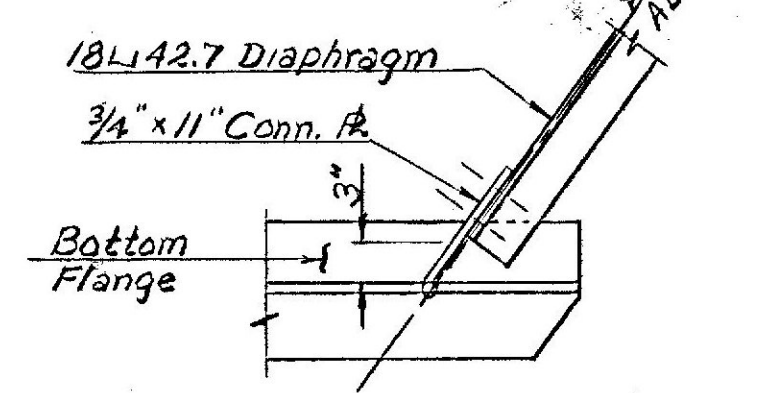


DETAIL A  
Scale: 3/4" = 1'-0"



DETAIL B  
Scale: 3/4" = 1'-0"

BEAM AND LEG LENGTHS*			
Beam 1	28'-11 1/4"	Legs 9-12	41'-0"
Beam 2	28'-11 3/4"	Beam 13	72'-10 5/8"
Beam 3	29'-0 3/16"	Beam 14	72'-11 9/16"
Beam 4	29'-0 1/16"	Beam 15	73'-0 7/16"
Legs 1-4	35'-0"	Beam 16	73'-1 3/8"
Beam 5	72'-10 3/8"	Legs 13-16	35'-0"
Beam 6	72'-11 1/2"	Beam 17	28'-11 7/16"
Beam 7	73'-0 9/16"	Beam 18	28'-11 13/16"
Beam 8	73'-1 9/8"	Beam 19	29'-0 3/16"
Legs 5-8	41'-0"	Beam 20	29'-0 9/16"
Beam 9	47'-10 3/4"		
Beam 10	47'-11 1/2"		
Beam 11	48'-0 3/8"		
Beam 12	48'-1 3/16"		

\* @ Top of Steel Frame

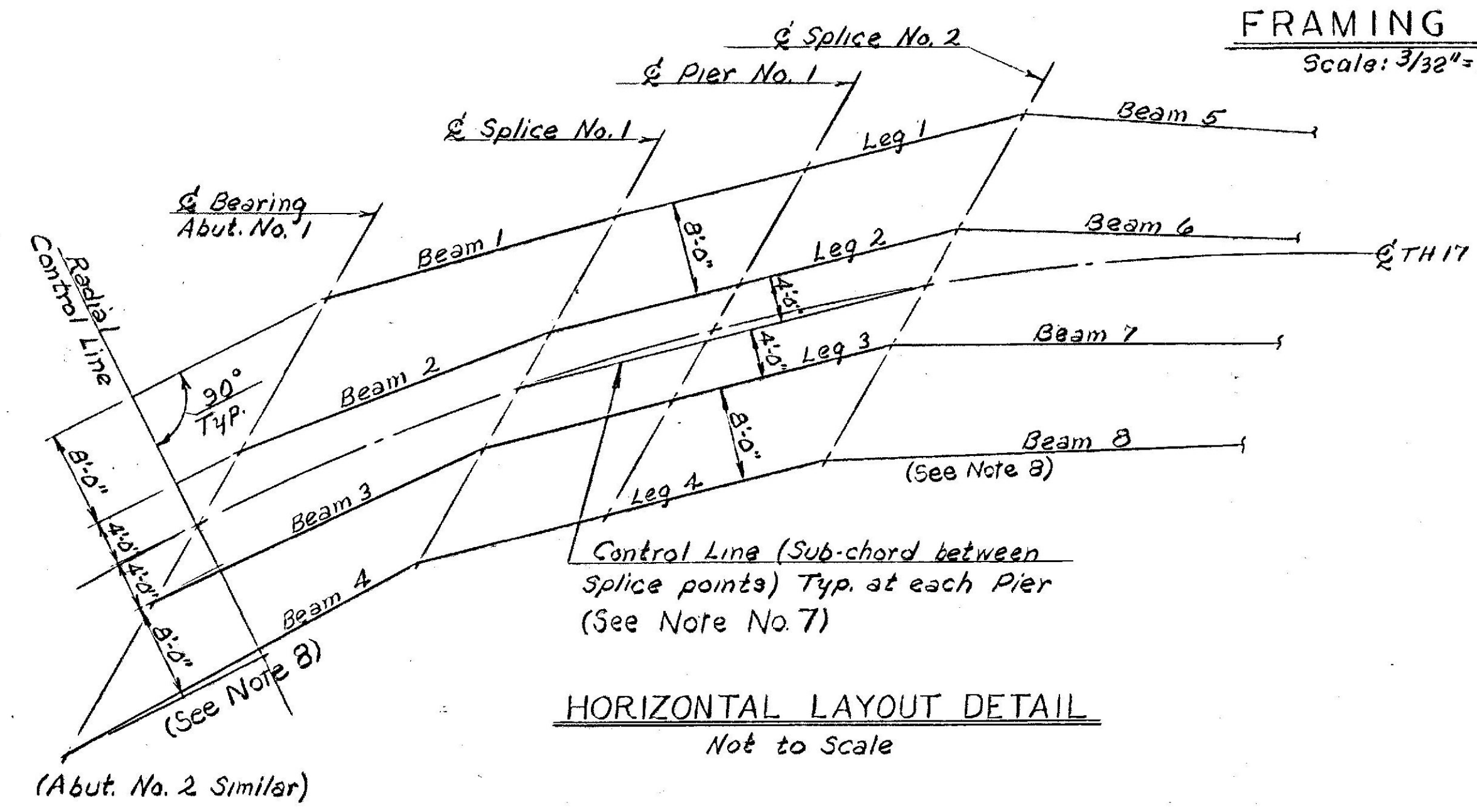
FAIRHAVEN-RUTLAND  
BHF BPNT (10)  
PROJECT BRIDGE #D11  
SHEET 26 OF 28  
FOR INFORMATION ONLY

FRAMING PLAN  
Scale: 3/32" = 1'-0"

BEAM & LEG COORDINATES*					
Point	North	South	Point	North	South
101	3762.123	3949.430	151	3983.326	3935.676
102	3754.750	3956.133	152	3975.898	4002.165
103	3747.077	3962.837	153	3968.470	4008.654
104	3739.404	3969.540	154	3961.042	4015.144
111	3790.842	3954.898	231	4003.756	4000.415
112	3783.218	3961.593	232	3996.328	4006.904
113	3775.593	3968.287	233	3988.901	4013.394
114	3767.969	3974.981	234	3981.473	4019.884
211	3807.506	3958.155	161	4023.265	4004.941
212	3799.882	3964.849	162	4015.837	4011.430
213	3792.257	3971.543	163	4008.410	4017.919
214	3784.633	3978.237	164	4000.982	4024.409
121	3825.192	3961.612	171	4094.057	4022.276
122	3817.567	3968.306	172	4086.630	4028.766
123	3809.943	3974.999	173	4079.202	4035.256
124	3802.319	3981.693	174	4071.774	4041.746
131	3896.534	3976.137	241	4111.491	4026.677
132	3889.021	3983.001	242	4104.064	4033.167
133	3881.508	3989.865	243	4096.637	4039.657
134	3873.995	3996.729	244	4089.210	4046.147
221	3916.057	3980.648	181	4127.992	4030.844
222	3908.544	3987.512	182	4120.565	4037.334
223	3901.031	3994.376	183	4113.138	4043.824
224	3893.518	4001.240	184	4105.711	4050.314
141	3936.613	3983.081	191	4156.008	4036.133
142	3929.100	3989.945	192	4148.581	4042.623
143	3921.587	3996.809	193	4141.154	4049.113
144	3914.074	4003.673	194	4133.727	4055.603

NOTES

- For General Notes, see BR 1101.
- For Diaphragm Details, see Std. SCB-D7-67.
- For Pier Diaphragm Details, see BR 1108.
- All shop connections for Diaphragms shall be 5/16" fillet welds. All field connections shall be 1/8" φ high-strength bolts.
- ε Pier is defined as the intersection of ε Frame Leg and top of steel frame.
- Frames are bent at each splice point.
- Legs between splice points are of equal length and are parallel to each other.
- Beams are of unequal lengths and are not parallel to each other.
- Lengths of end beams are measured from ε bearing at abutments to ε splice.
- Lengths of legs and intermediate beams are measured from ε splice to ε splice.
- ε bearing lines at abutments, ε Pier lines and ε splice lines are parallel to each other. ε bearing lines at piers are not parallel to each other.



HORIZONTAL LAYOUT DETAIL  
Not to Scale

EXAMPLE SHEETS

Added Horizontal Layout Detail and Beam & Leg Coordinates Table, Revised Detail A.  
W. Tripp 10-29-69

VERMONT  
STATE HIGHWAY DEPARTMENT  
TOWN OF CASTLETON  
U.S. ROUTE 4

TH-17 RELOC. OVER U.S. RTE.4 RELOC.  
SUPERSTRUCTURE DETAILS

MCFARLAND-JOHNSON  
CONSULTING ENGINEERS  
BINGHAMTON, NEW YORK

DESIGNED WDS CHECKED REC DATE 7-12-68  
DRAWN RMG IN CHARGE HGC SCALE AS SHOWN  
PROJECT NO. FO20-1(7) SH 49 OF 206

CONTRACT NO. BR. 1107