

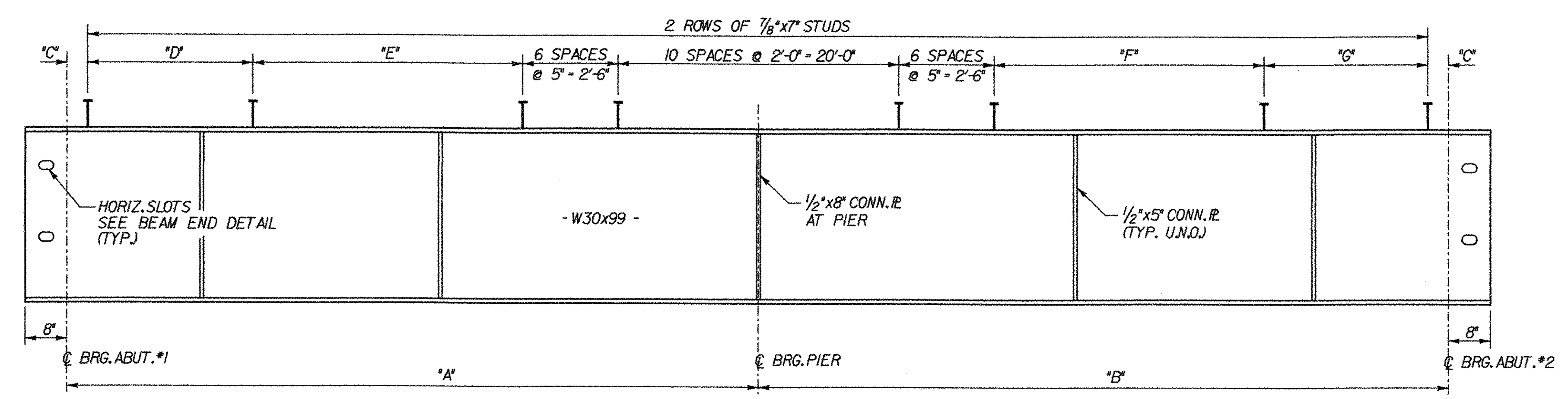
BEAM END DETAIL
SCALE 1" = 1'-0"
1 9 6 3 0

FRAMING PLAN
SCALE 1/4" = 1'-0"
1 0 2 4 6

BEAM DIMENSION TABLE								
BEAM NO.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	STUDS/BEAM
1	47'-5 3/16"	51'-4 9/16"	2 1/16"	19 SPACES @ 6'-9'-6"	33 SPACES @ 9'-24'-9"	39 SPACES @ 9'-29'-3"	20 SPACES @ 6'-10'-0"	268
2	48'-0 1/8"	50'-2 3/8"	4 1/4"	19 SPACES @ 6'-9'-6"	34 SPACES @ 9'-25'-6"	36 SPACES @ 9'-27'-0"	21 SPACES @ 6'-10'-6"	266
3	48'-7 1/16"	48'-11 3/16"	4 5/16"	19 SPACES @ 6'-9'-6"	35 SPACES @ 9'-26'-3"	34 SPACES @ 9'-25'-6"	21 SPACES @ 6'-10'-6"	264
4	49'-2"	47'-9 1/4"	1 1/8"	20 SPACES @ 6'-10'-0"	36 SPACES @ 9'-27'-0"	33 SPACES @ 9'-24'-9"	20 SPACES @ 6'-10'-0"	264

NOTES:

1. ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50W STEEL, UNPAINTED.
2. FOR CAMBER AND DEAD LOAD DEFLECTION DIAGRAM, SEE SHEET 21.
3. FOR DIAPHRAGM DETAILS, SEE SHEET 21.
4. THE ENDS OF THE BEAMS SHALL BE VERTICAL IN THE ERECTED POSITION.
5. THE CONNECTION PLATES SHALL BE PERPENDICULAR TO THE FLANGES AND THE WEBS.
6. FOR DRIP PLATE DETAILS, SEE SHEET 21.
7. CHARPY V-NOTCH TESTING IS REQUIRED OF ALL W30x99 BEAMS IN ACCORDANCE WITH 714.01.



TYPICAL BEAM ELEVATION
NOT TO SCALE

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of	NORWICH	Bridge No. 46	
Highway No.	T.H. 3	Log Sta.	
		Surv. Sta.	
TOWN HIGHWAY NO. 3 OVER OMPOMPANOOSUC RIVER			
FRAMING PLAN			
Designed By	S. BURBANK	Drawn By	A. THIBAUT
Checked By	M. CHENETTE	Date	12/03
		Bridge Design Supervisor	M. CHENETTE Date 12/03
PROJECT	NORWICH	PROJECT NO.	TH2-9625
DH CAD Filename: ...Norw-frame.dgn		Plot Date:	03/31/2004
Bridge Sheet No.		Sheet	20 of 40

