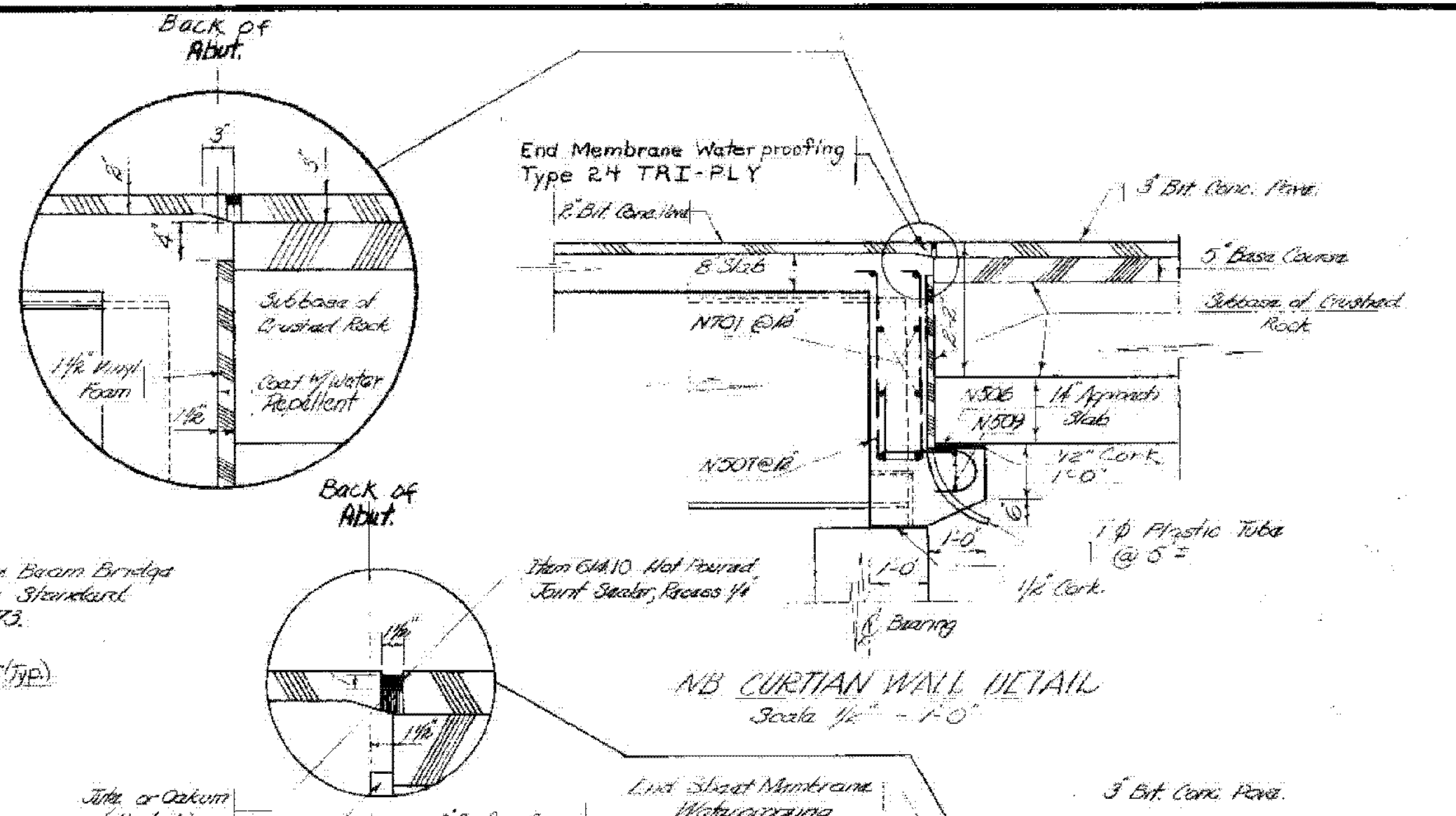
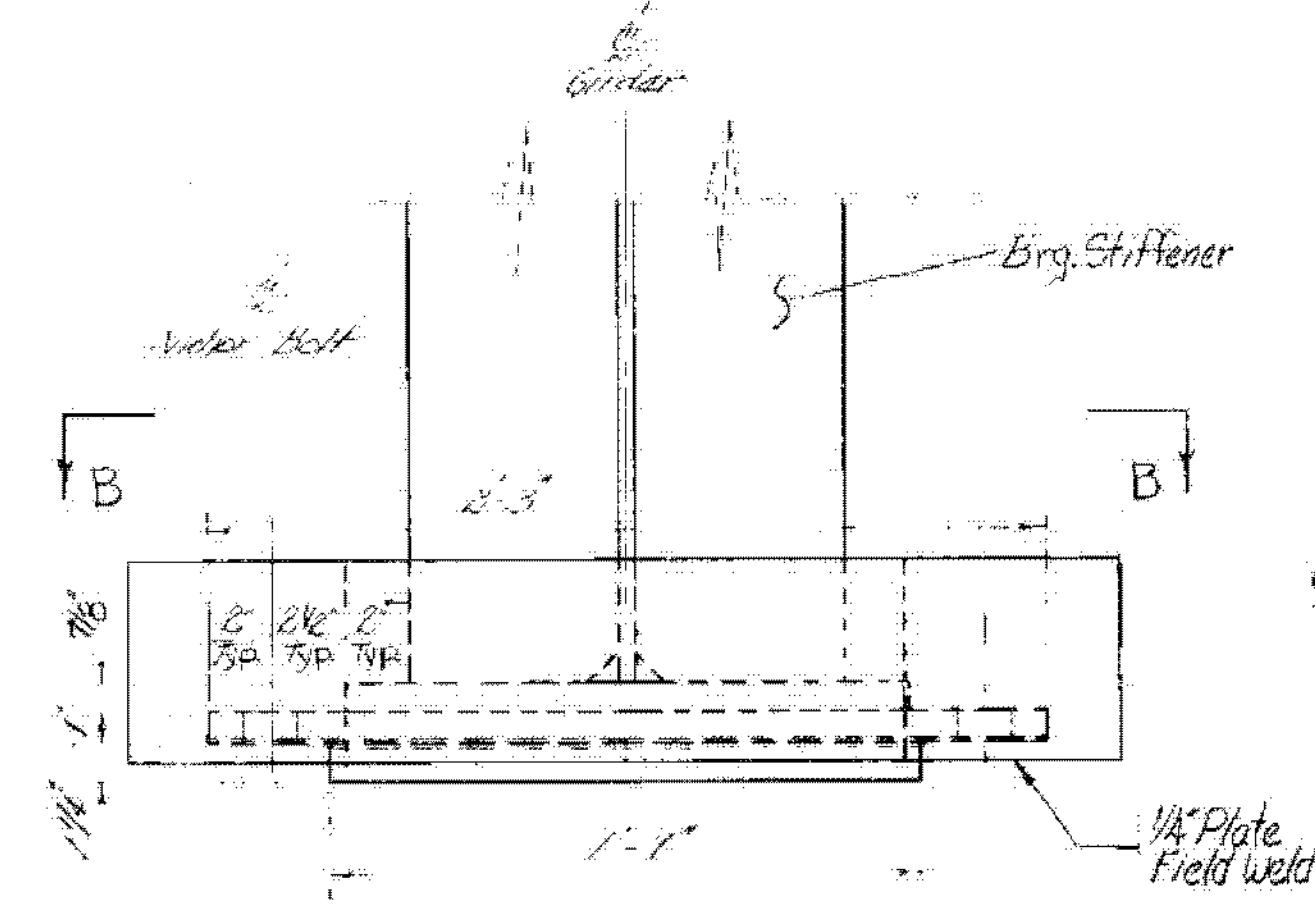


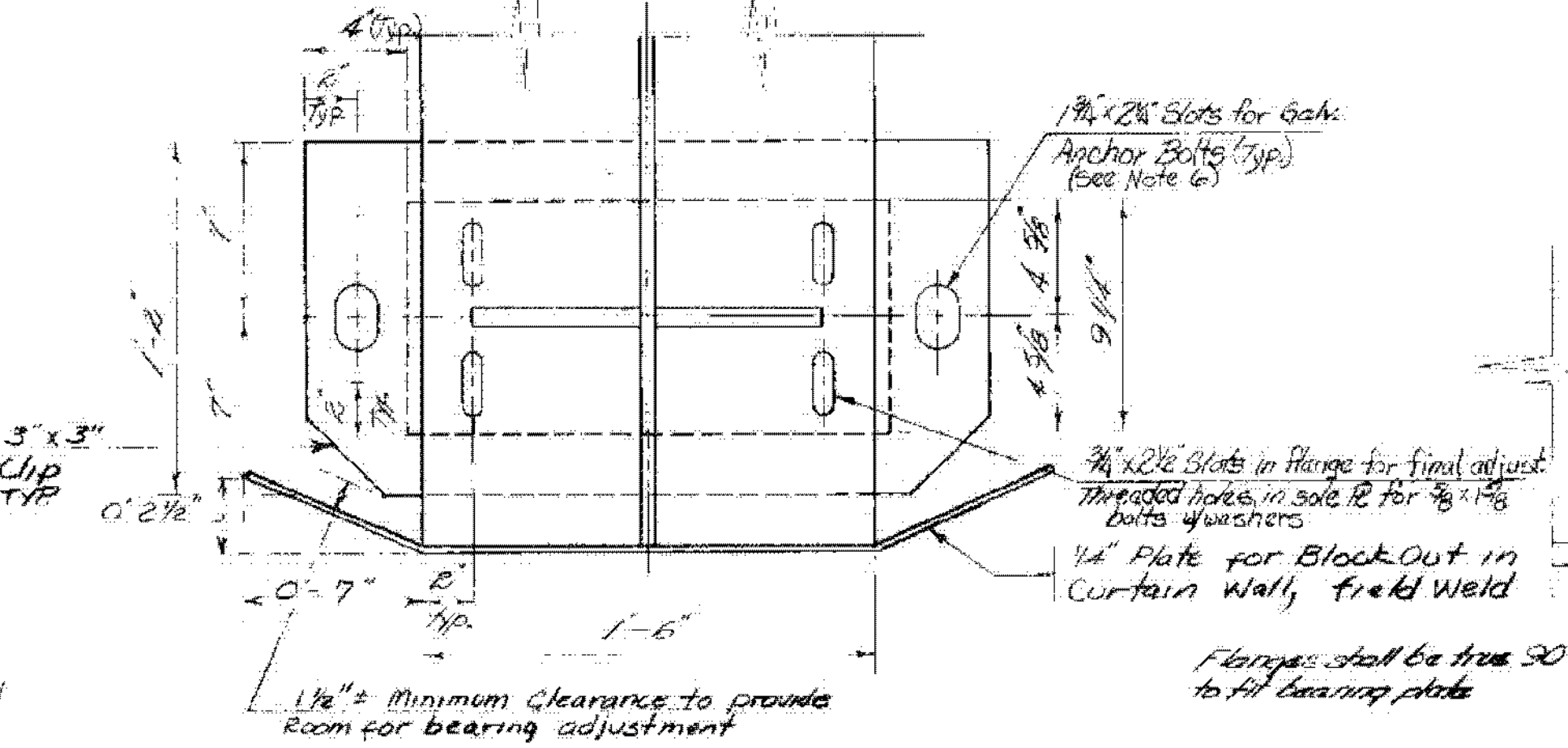
SB TYPICAL BRIDGE SECTION  
Scale 3/8" = 1'-0"



- NOTES
- The movement @ each bearing due to Dead load Elongation is expected to be approx. 3/8" towards the respective approach slabs.
  - Expansion device bearing pad & anchor bolts shall be centered @ 45°F and shall be offset 1/8" toward approach slab for each 15° change in temp. above 45°F.
  - Details of the T.F.E. expansion bearings shall conform to Section 731.05 of Std. Specifications except that the T.F.E. surface may be unfilled in lieu of the filled as specified.
  - Structural Steel in expansion bearing devices shall conform to A.A.S.H.O. M222 (A.S.T.M. A588).
  - Expansion bearing device is designed for a working stress of 1000 p.s.i. and shall have a maximum coefficient of friction of 0.06.
  - Anchor bolts shall be 1/2" dia x 1'-8" long wedge bolts with hex nut & 3/8" washer. The wedge bolts shall be threaded 4" and have a projection of 5" above bridge seat elevations. (Bolts to be galvanized)
  - Expansion Bearings, including anchor bolts, shall be painted for the unit price but per pound for them 506.31, Structural Steel. (Make Sure)

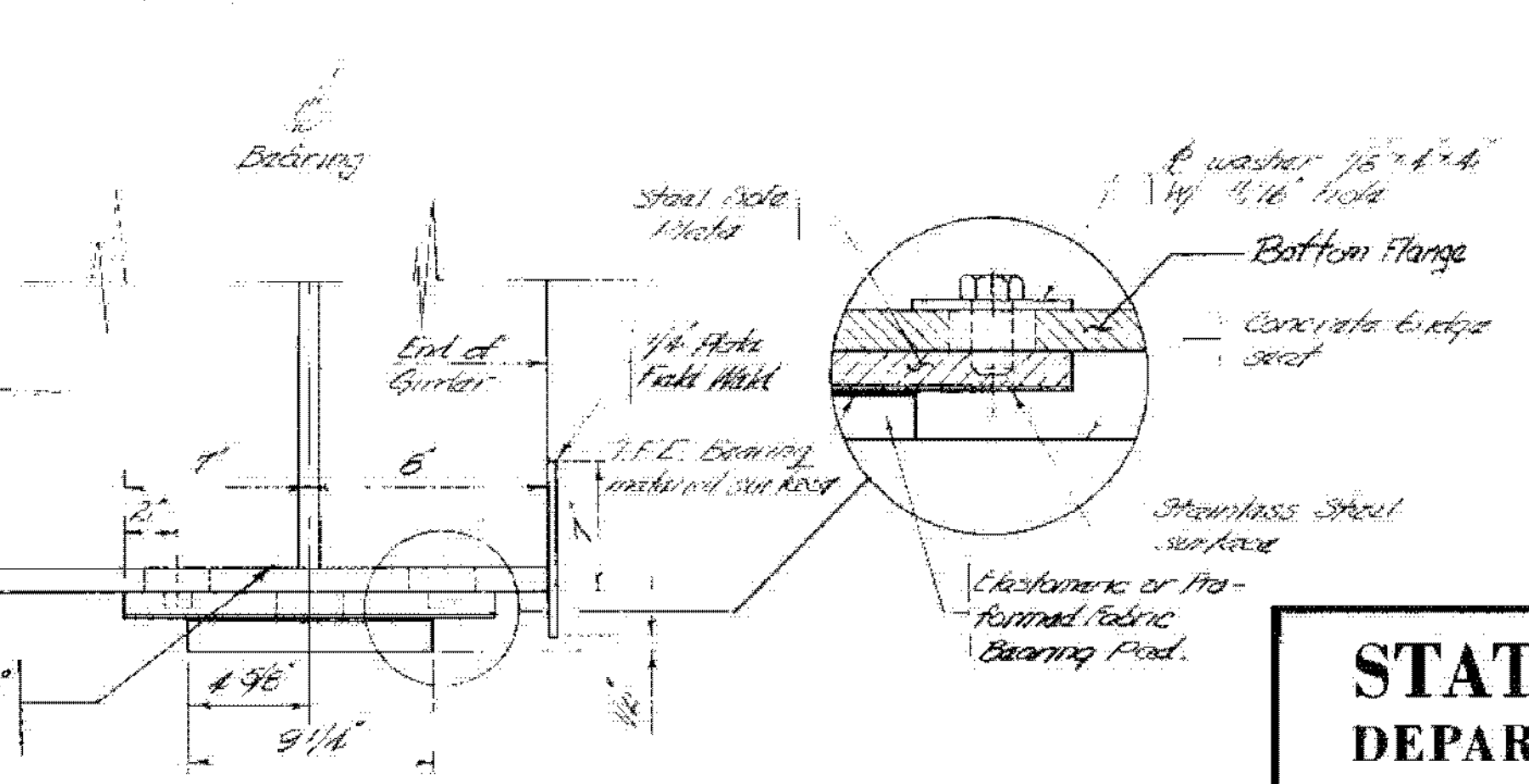


Front Elevation



Section BB

EXPANSION BEARING DEVICE  
Typ. all brgs. NB and SB - NTS-



Side Elevation

1-91 BRIDGES 81N&S  
WATERFORD - ST. JOHNSBURY  
IM MEMB(32)  
SHEET 17 OF 43  
FOR REFERENCE ONLY

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

TOWN OF WATERFORD	Bridge No. 9
Log Sta.	
HIGHWAY NO. 191	Surv. Sta. 6812+0
INT. RTE 91 NB & SB Over Ramps S to E	
SB Typical Sect., Bearing Device Details	
Designed by N. Denton	Drawn by C. Witham
Checked by JRB & NRD, date 3-15-70	Bridge Design Supervisor R. Humpal, date 3-70
PROJECT Barnat - St. Johnsbury	PROJECT NO. (88) E.A.C.I. 91-8(59)
Bridge Sheet No. BR407	Sheet 119 h of 358