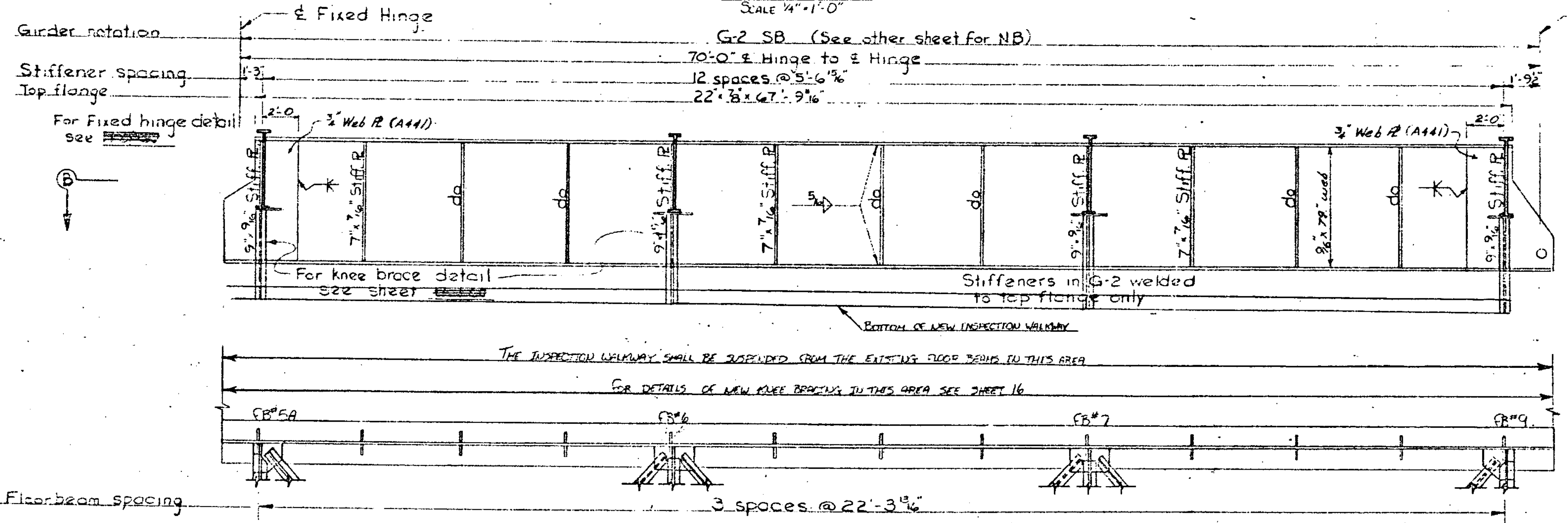
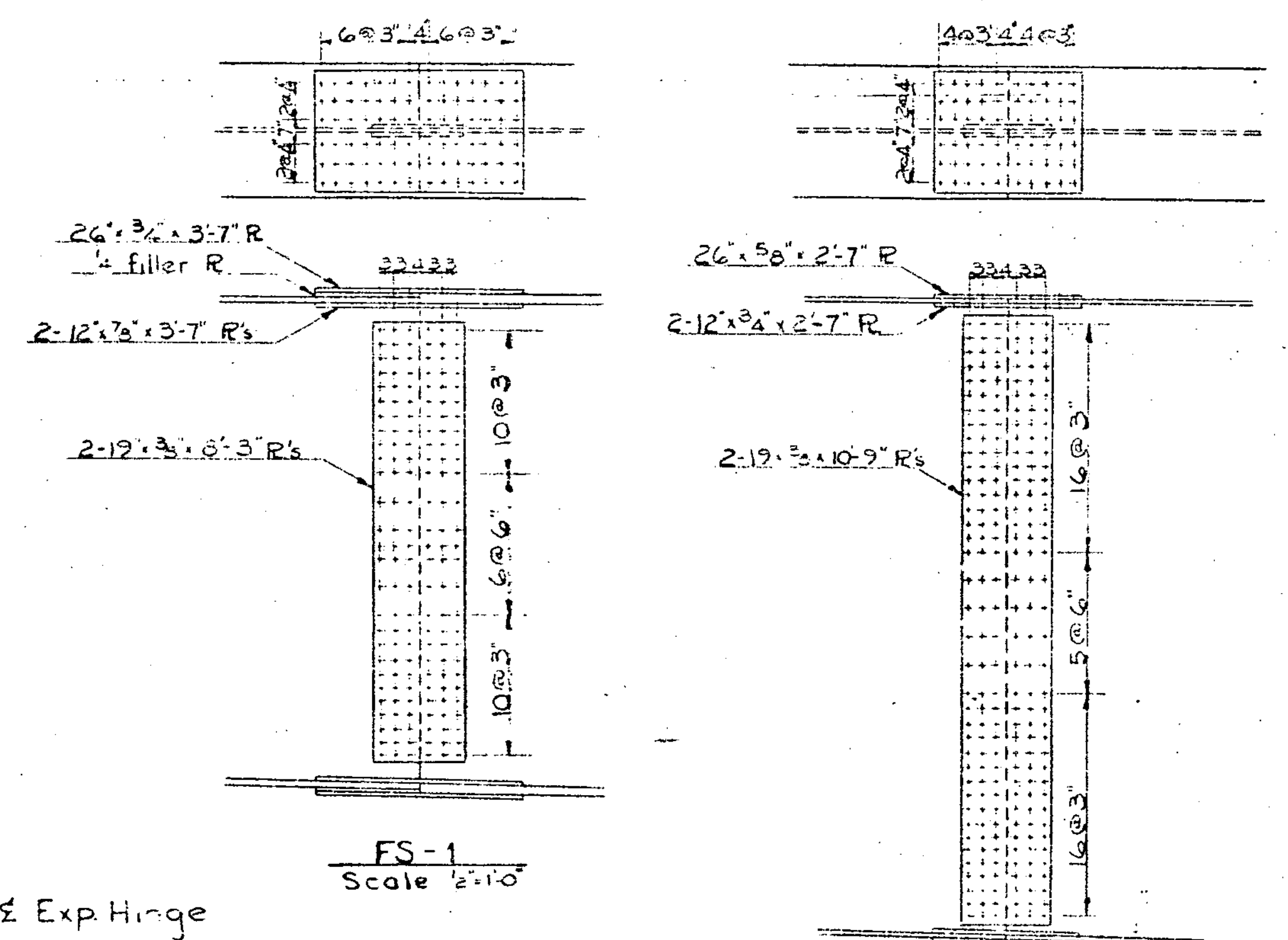




SECTION A-A
SCALE 1/4" = 1'-0"

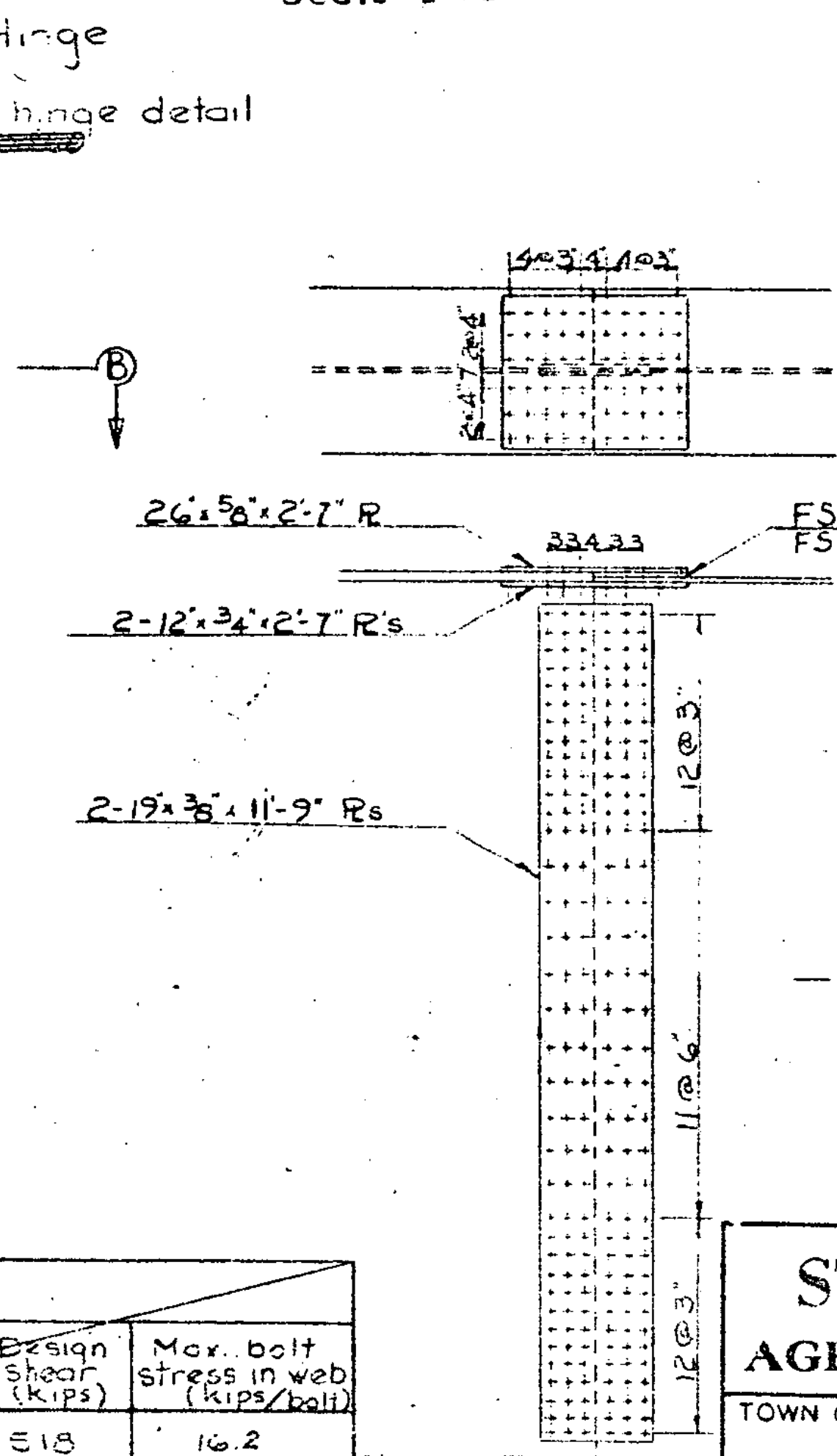


SECTION B-B
SCALE 1/4" = 1'-0"



FS-1
Scale 2" = 1'-0"

FS-2
Scale 2" = 1'-0"



FS-3 & FS-3A
Scale 2" = 1'-0"

NOTES:
Use A36-G2T steel for splice plates.
Use A-325-7/8" high strength shop # field bolts.

SPlice STRESS TABLE						
Splice notation	Girder Resisting moment (ft-kips)	Actual Max. Bending moment (ft-kips)	Actual Max. shear (kips)	Design moment (ft-kips)	Design shear (kips)	Max. bolt stress in web (kips/bolt)
FS-1	9500	4500	213	7130	518	16.2
FS-2	9800	5200	262	7500	677	13.2
FS-3	11,100	5300	310	8300	750	14.2
FS-3A	11,100	4500	448	8300	750	14.2

Note: Splices are designed as friction type connections.

NOTE: THIS SHEET IS FROM THE ORIGINAL PROJECT PLANS AND IS FOR REFERENCE PURPOSES ONLY. THESE BRIDGES WERE BUILT FROM THE PLANS TITLED HARTFORD BRIDGE NUMBER T-41-2(1) (2) DATED 1963.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF HARTFORD BRIDGE NO. 44 N.S.
HIGHWAY NO. 701 LOG STA. _____ SURV. STA. _____

EXISTING GIRDER DETAILS

DESIGNED BY A. G. WOOD DRAWN BY A.B.T.
CHECKED BY D.C. WILEY DATE 7-11-84 BRIDGE DESIGN SUPERVISOR R.S. HAUST DATE 7-84
PROJECT HARTFORD PROJECT NO. IR-91-2(1)
BRIDGE SHEET NO. _____ SHEET 10 OF 30