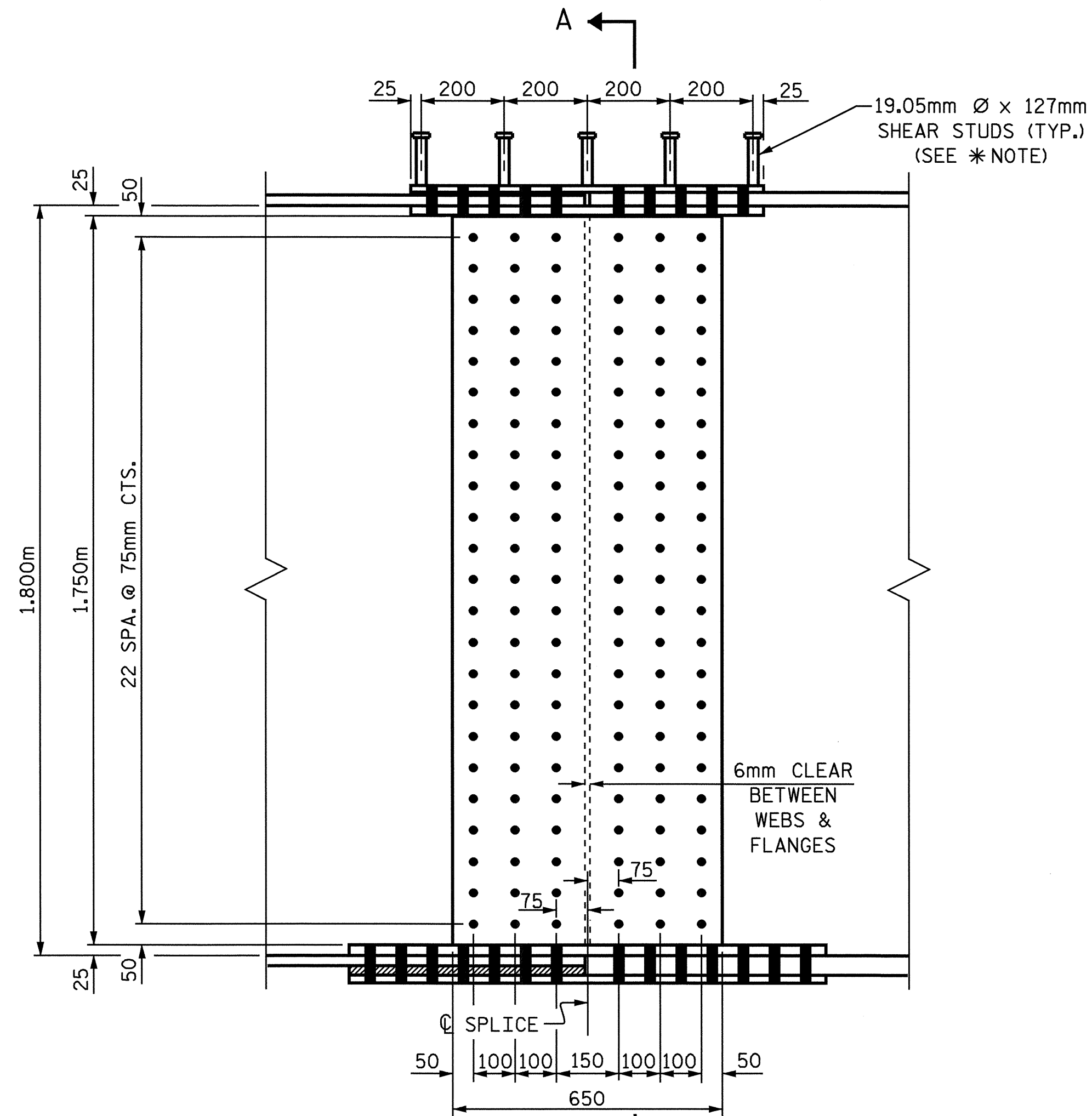
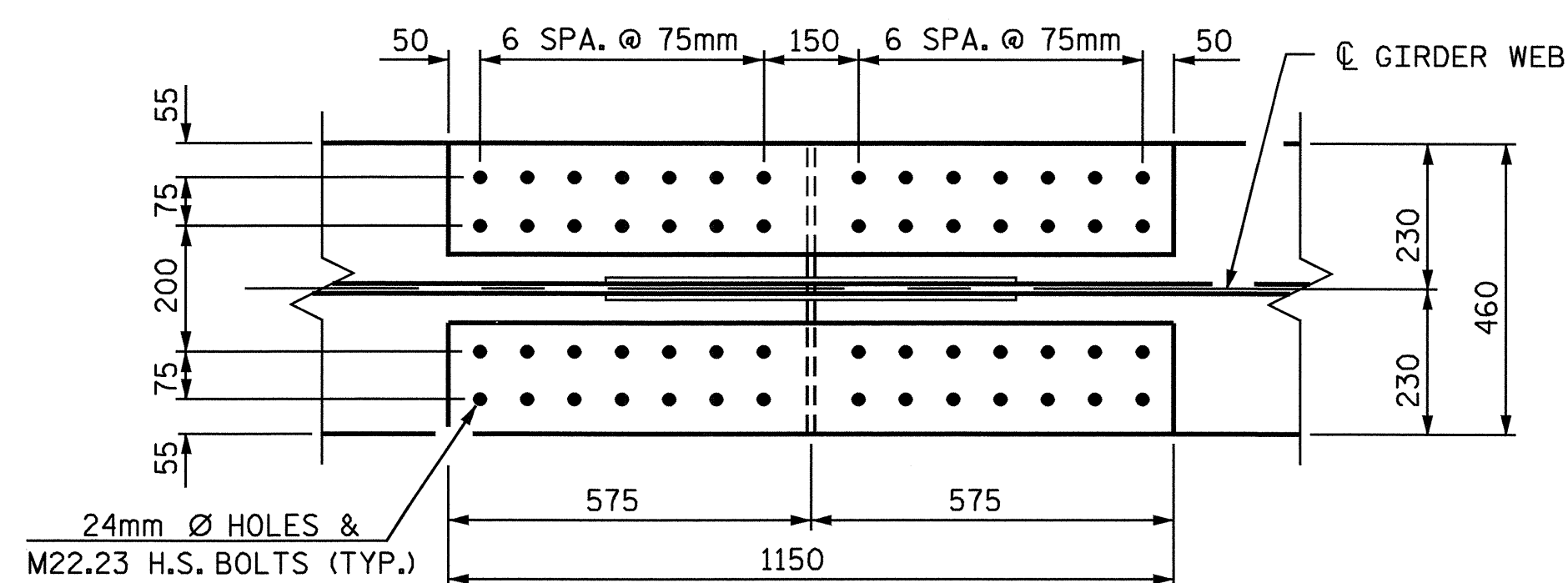


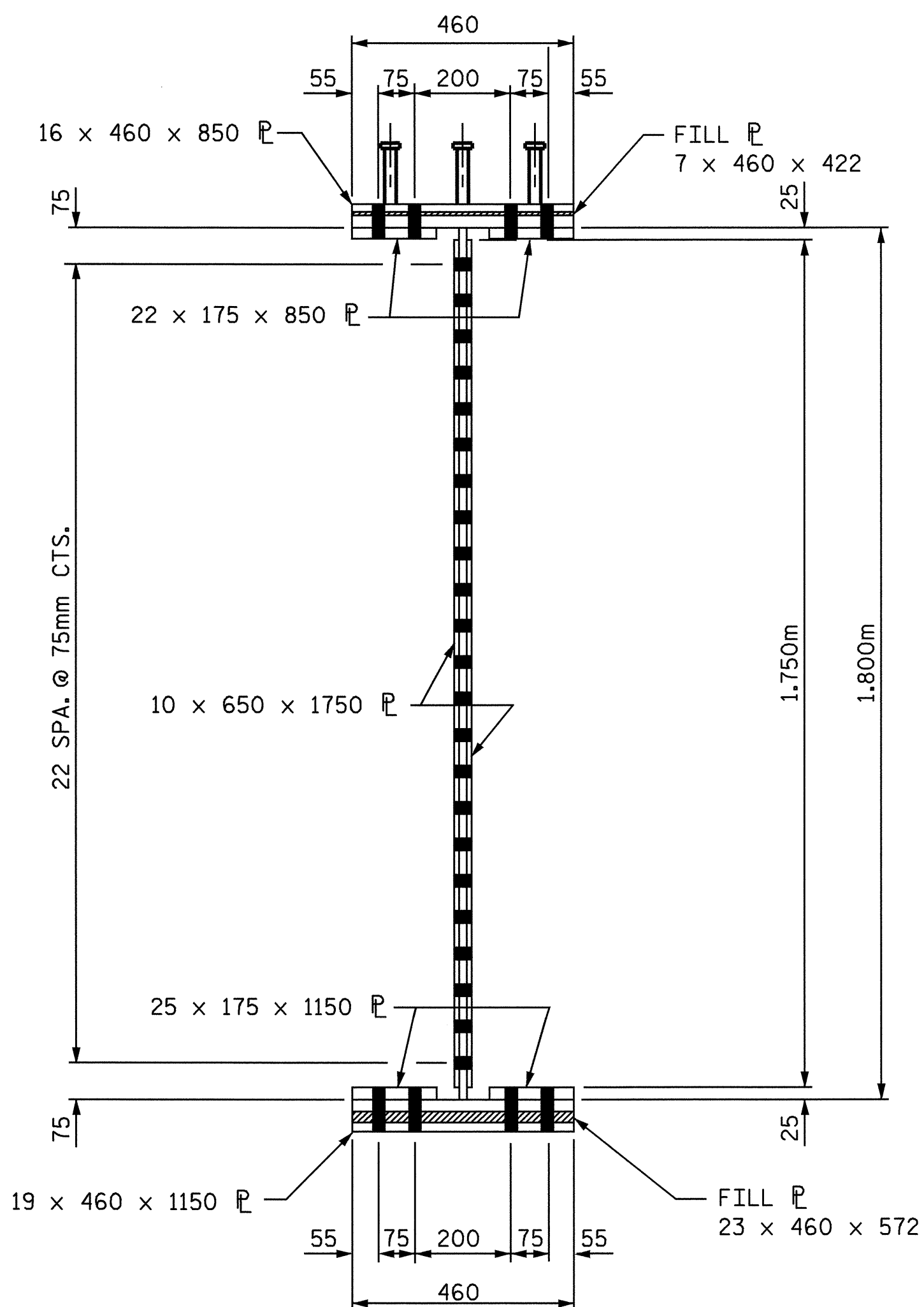
PLAN (TOP OF TOP FLANGE)



ELEVATION



PLAN (TOP OF BOTTOM FLANGE)

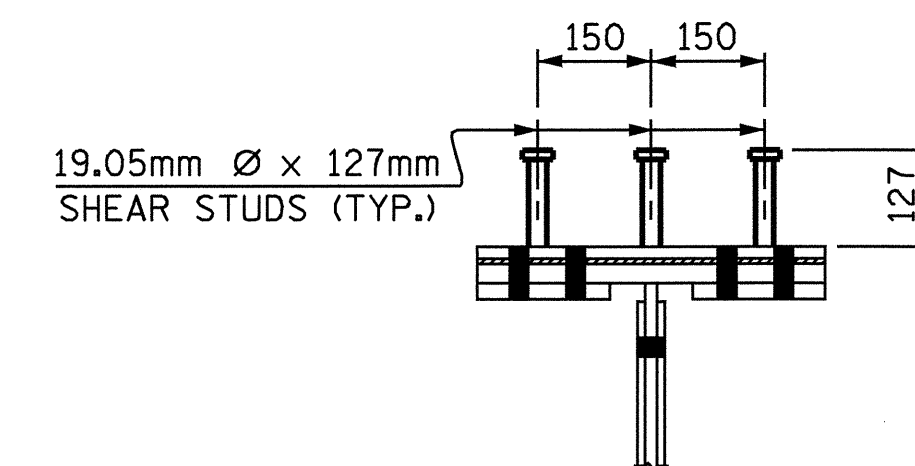


SECTION A-A

DESCRIPTION	SIZE	NO. REQ'D. FOR ONE FIELD SPLICE	TOTAL REQ'D. FOR STRUCTURE
WEB SPLICE PLATE	10 x 650 x 1750	2	10
OUTER SPLICE PLATE TOP FLANGE W/SHEAR STUDS	16 x 460 x 850	1	5
INNER SPLICE PLATE TOP FLANGE	22 x 175 x 850	2	10
FILL PLATE TOP FLANGE	7 x 460 x 422	1	5
FILL PLATE BOTTOM FLANGE	23 x 460 x 572	1	5
INNER SPLICE PLATE BOTTOM FLANGE	25 x 175 x 1150	2	10
OUTER SPLICE PLATE BOTTOM FLANGE	19 x 460 x 1150	1	5

NOTE: 24mm Ø HOLES FOR 22.23mm Ø BOLTS.

* SHEAR STUDS ARE TO BE SHOP WELDED ON TOP OF PLATE BEFORE FIELD ASSEMBLY.

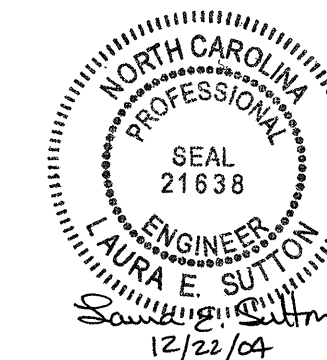


SHEAR STUD DETAIL FOR TOP FLANGE SPLICE PLATE

PROJECT NO. R-0977A
 CHEROKEE COUNTY
 STATION: 18+31.299-LC1B2-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 STRUCTURAL STEEL
 BOLTED FIELD SPLICE



DRAWN BY: A.S. CALLAWAY DATE: 4/19/04
 CHECKED BY: W.D. CRUTCHER DATE: 9/20/04

20-DEC-2004 16:46

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-59
1			3			TOTAL SHEETS
2			4			230

STP #2