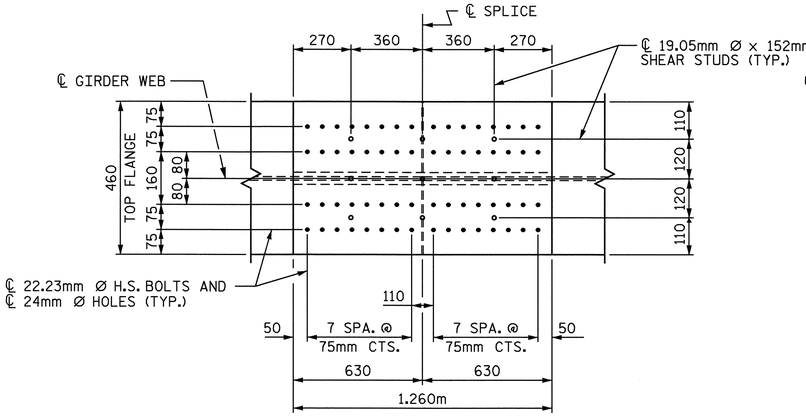
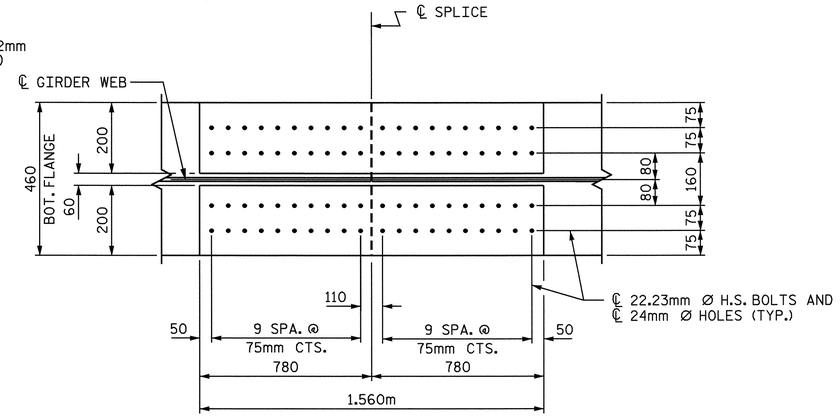
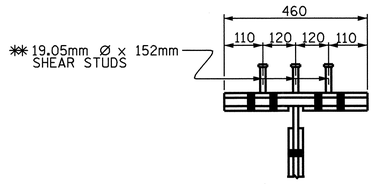


PLAN (TOP OF TOP FLANGE)

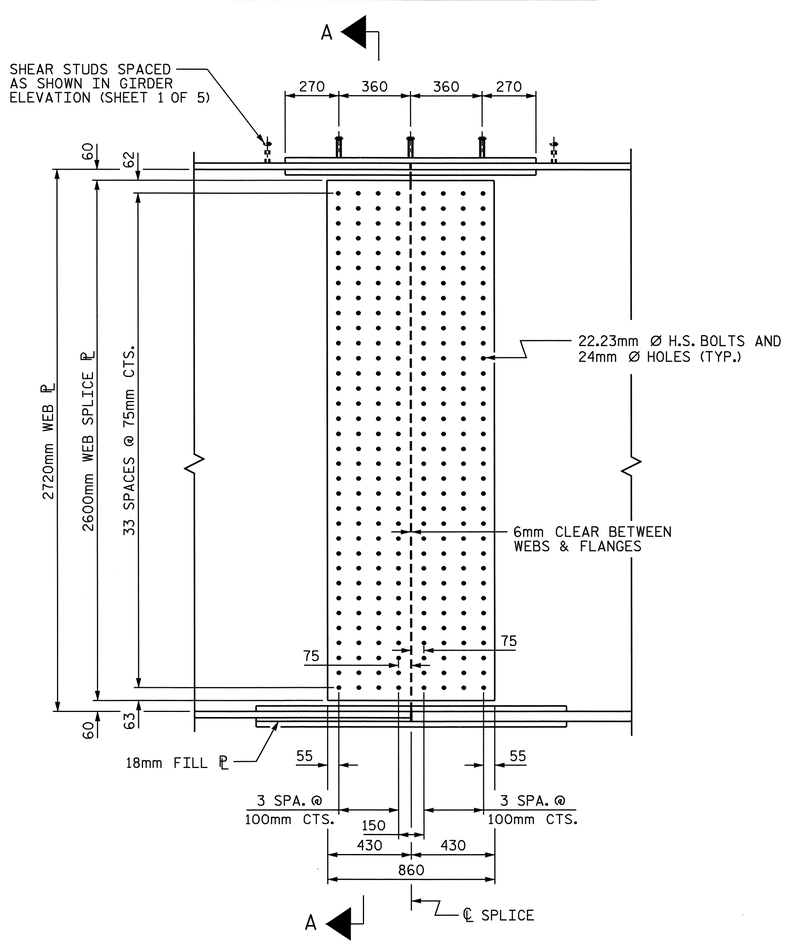


PLAN (TOP OF BOTTOM FLANGE)

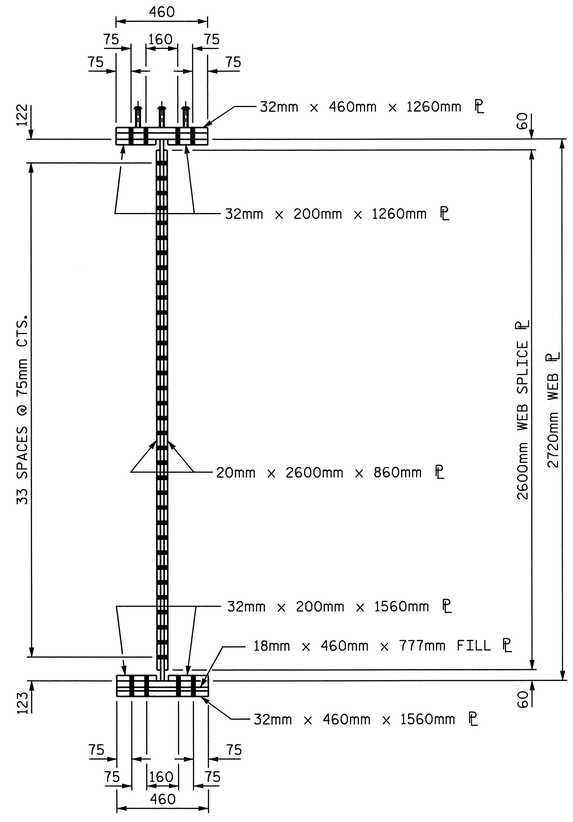


SHEAR STUD DETAIL FOR TOP FLANGE SPLICE PLATE

✱✱ NOTE: SHEAR STUDS ARE TO BE SHOP WELDED ON TOP OF PLATE BEFORE FIELD ASSEMBLY



ELEVATION



SECTION A-A

DESCRIPTION	SIZE	NO. REQ'D. FOR ONE FIELD SPLICE	TOTAL REQ'D. FOR BFS1
WEB SPLICE PLATE	20 x 860 x 2600	2	16
OUTER SPLICE PLATE TOP FLANGE W/SHEAR STUDS	32 x 460 x 1260	1	8
INNER SPLICE PLATE TOP FLANGE	32 x 200 x 1260	2	16
FILL PLATE BOTTOM FLANGE	18 x 460 x 777	1	8
INNER SPLICE PLATE BOTTOM FLANGE	32 x 200 x 1560	2	16
OUTER SPLICE PLATE BOTTOM FLANGE	32 x 460 x 1560	1	8

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

BOLTED FIELD SPLICE DETAILS (TYPE BFS1)

DRAWN BY : T.H. FANG/MAA DATE : 6-04
CHECKED BY : B.N.BARODAWALA DATE : 8-10-04

20-DEC-2004 16:26
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lsutton

NORTH CAROLINA PROFESSIONAL SEAL 16301 ENGINEER TSUNG HSIANG FANG
12/24/04

PROJECT NO. R-0977A
CHEROKEE COUNTY
STATION: 24+60.500 -LC1B-

SHEET 5 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL DETAILS (TYPE BFS1)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-92
1			3			TOTAL SHEETS
2			4			230

STR. #3