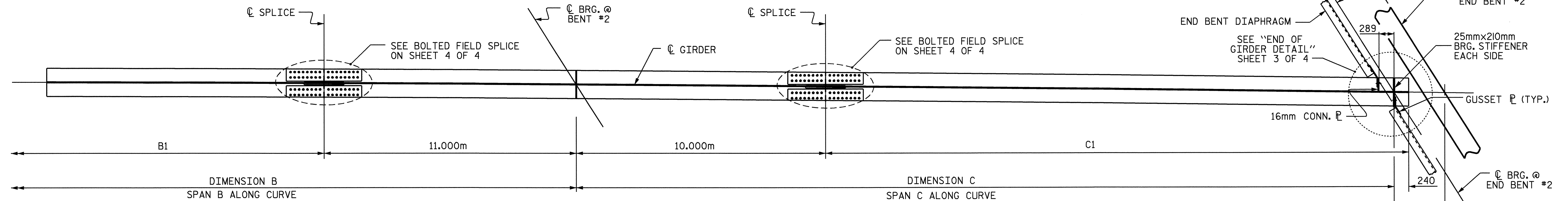
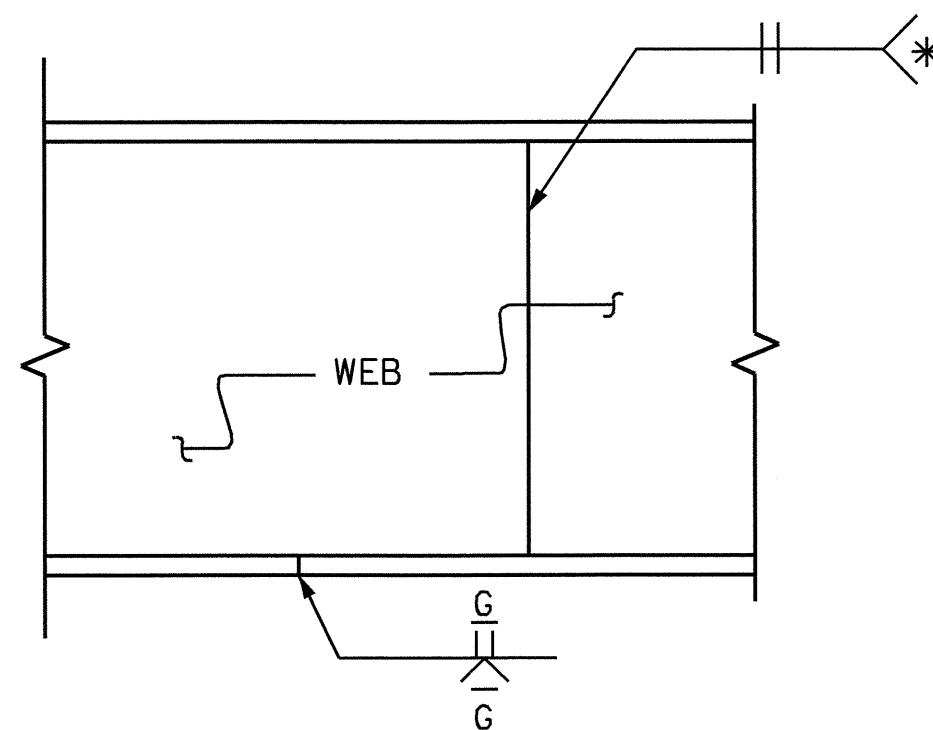


CURVED GIRDER ELEVATION



BOTTOM FLANGE DETAIL

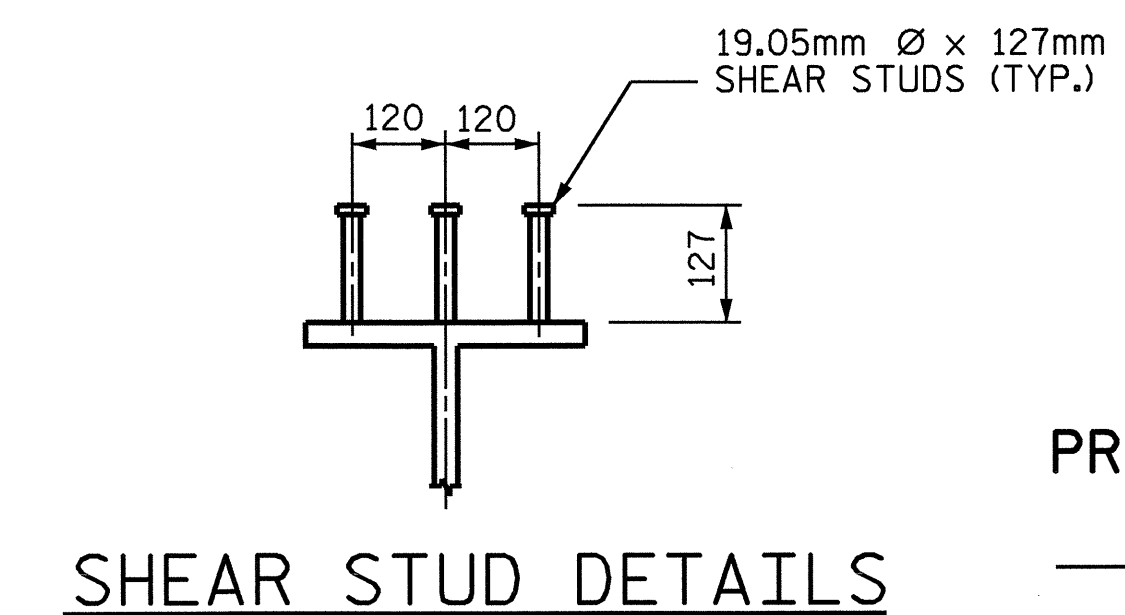


ELEVATION

* GRIND SMOOTH AND FLUSH ON OUTER FACE OF EXTERIOR BEAMS /GIRDERS

TYPICAL FLANGE & WEB BUTT JOINT

CURVED GIRDER DIMENSIONS													
GDR.#	RADIUS	AI	BI	CI	DI	D2	SI	S2	S3	DIM A	DIM B	DIM C	DIM D
1	1743.540m	28.472m	24.079m	28.446m	833mm	861mm	92mm	140mm	66mm	38.232m	46.079m	38.206m	122.997m
2	1740.180m	28.503m	24.120m	28.484m	834mm	862mm	123mm	160mm	104mm	38.263m	46.120m	38.244m	122.107m
3	1736.820m	28.535m	24.162m	28.522m	835mm	863mm	155mm	181mm	142mm	38.295m	46.162m	38.282m	122.219m
4	1733.460m	28.566m	24.204m	28.561m	835mm	864mm	186mm	202mm	181mm	38.326m	46.204m	38.321m	122.331m



PROJECT NO. R-0977A
CHEROKEE COUNTY
 STATION: 41+19.524-LREV-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
 PROFESSIONAL SEAL
 16301
 ENGINEER
 TUNG HSIUNG FANG
 12/22/04

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						
SUPERSTRUCTURE STRUCTURAL STEEL DETAILS SPANS B & C						
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-137
1			3			TOTAL SHEETS
2			4			230

DRAWN BY : T. H. FANG/BNB DATE : 7-21-03
 CHECKED BY : MIKE ALLEN DATE : 11-04