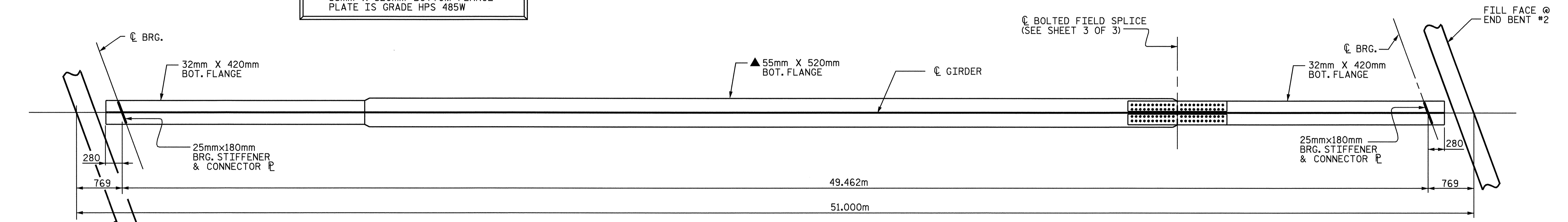
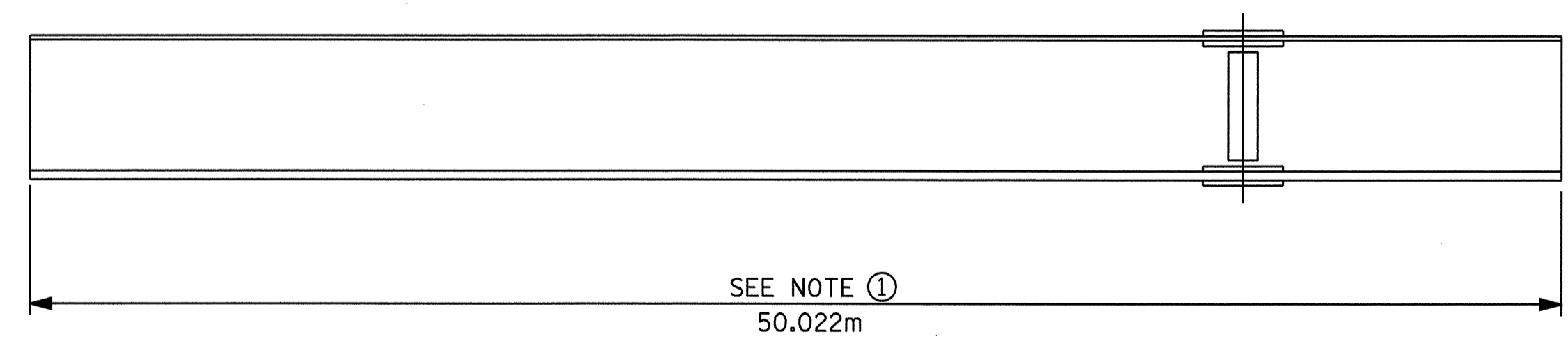


GIRDER ELEVATION

▲ THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE 55mm X 520mm BOTTOM FLANGE PLATE IS GRADE HPS 485W



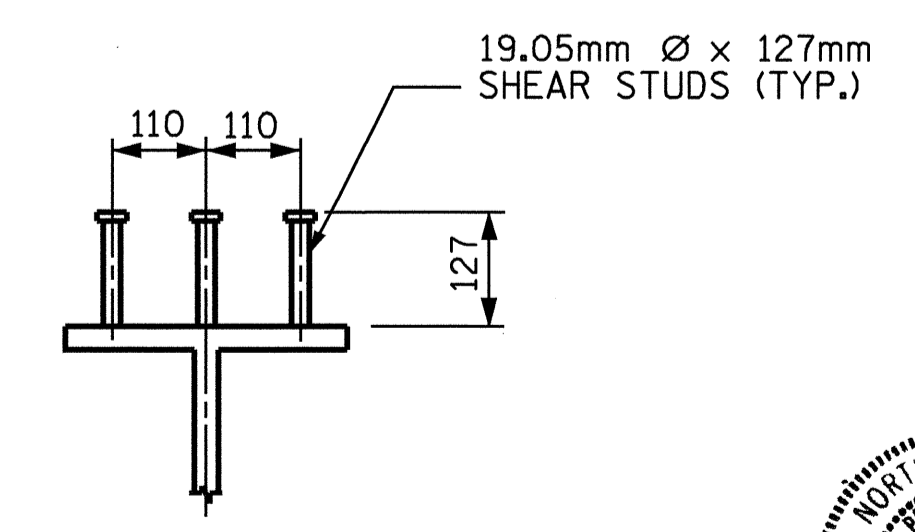
BOTTOM FLANGE DETAIL



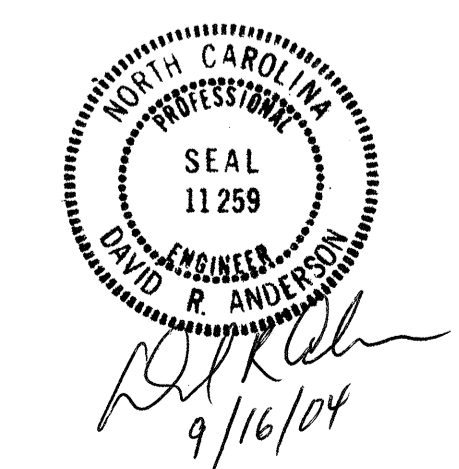
GIRDER MAKE UP

NOTE ① : CHARPY V-NOTCH TESTS WILL BE REQUIRED FOR TOP OR BOTTOM FLANGE PLATE WHICH FALLS WITHIN THESE LIMITS. ALSO, CHARPY V-NOTCH TESTS WILL BE REQUIRED FOR ALL WEB PLATES, WEB SPLICE PLATES AND FLANGE SPLICE PLATES. IF THE PERMITTED SHOP FLANGE SPLICE, AS INDICATED FOR THE TOP FLANGE, IS NOT USED, CHARPY V-NOTCH TESTS WILL BE REQUIRED FOR THE ENTIRE TOP FLANGE PLATE.

CHARPY V-NOTCH TESTS FOR PLATE GIRDERS



SHEAR STUD DETAILS



PROJECT NO. R-513BA
ROBESON COUNTY
 STATION: 138+30.800 -L-
 SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 STRUCTURAL
 STEEL DETAILS
 RIGHT LANE

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS	
1			3			5-153	
2			4			172	

DRAWN BY : N. Q. TRAN DATE : 6-23-03
 CHECKED BY : T. A. WALTER DATE : 3-23-04