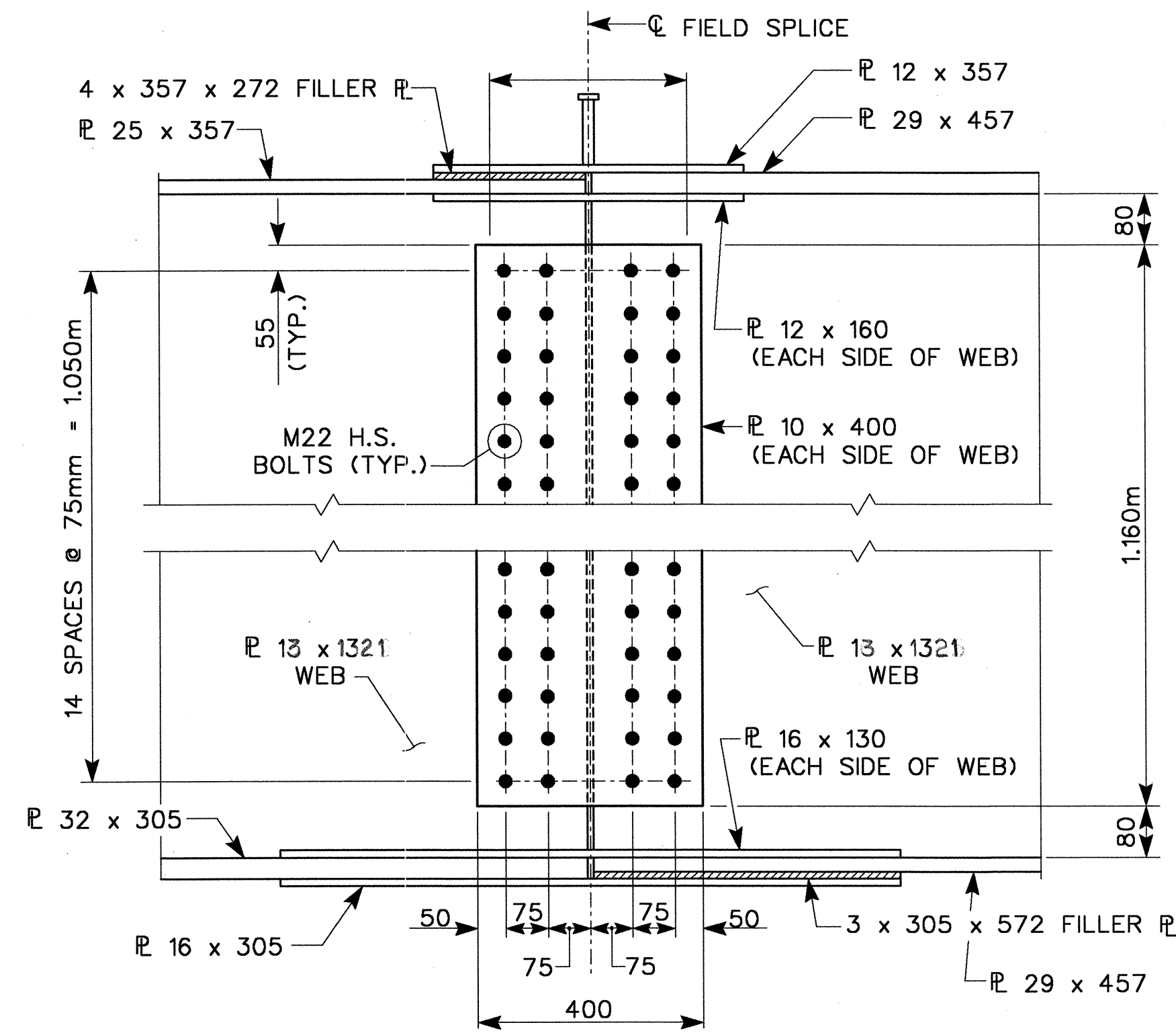
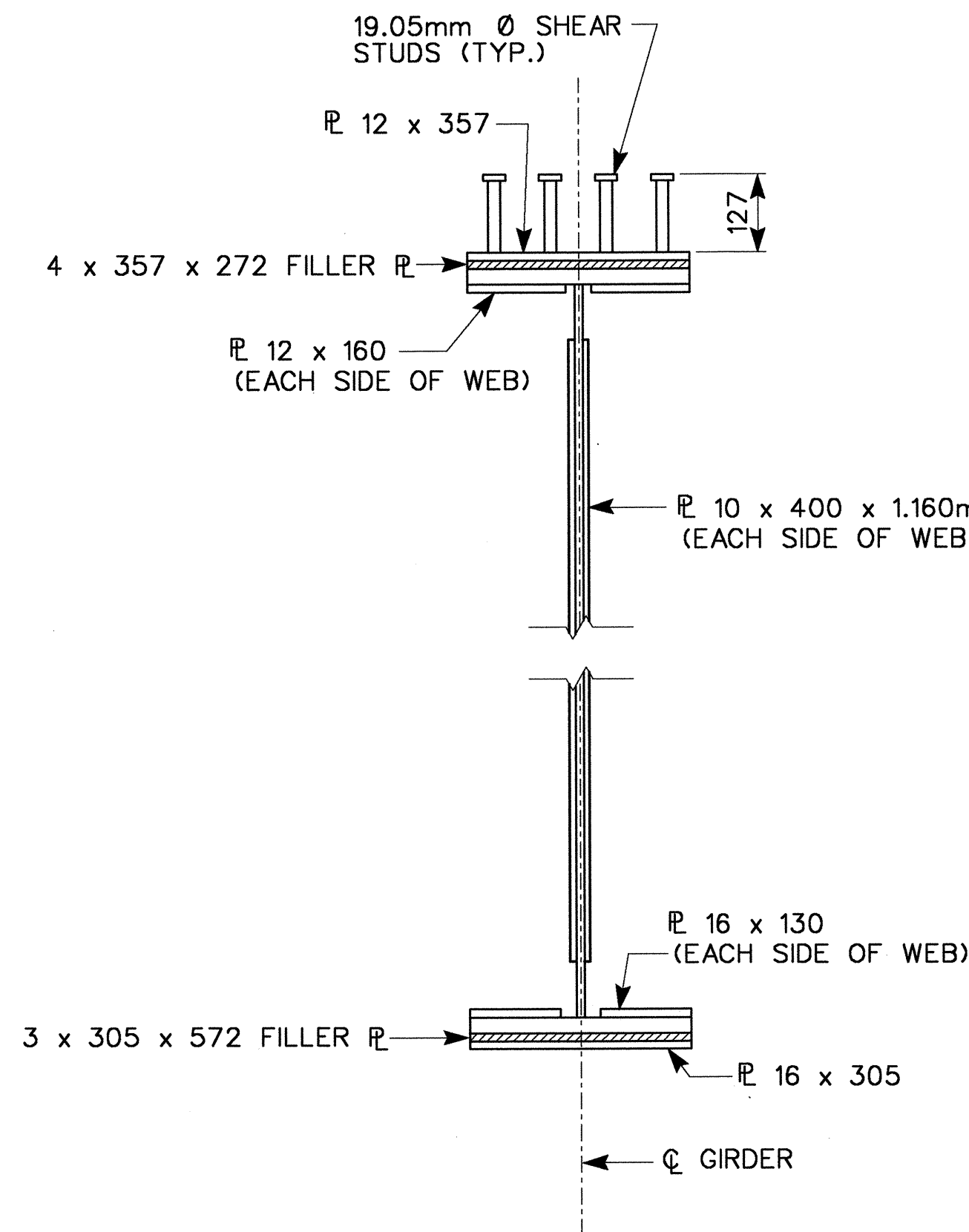


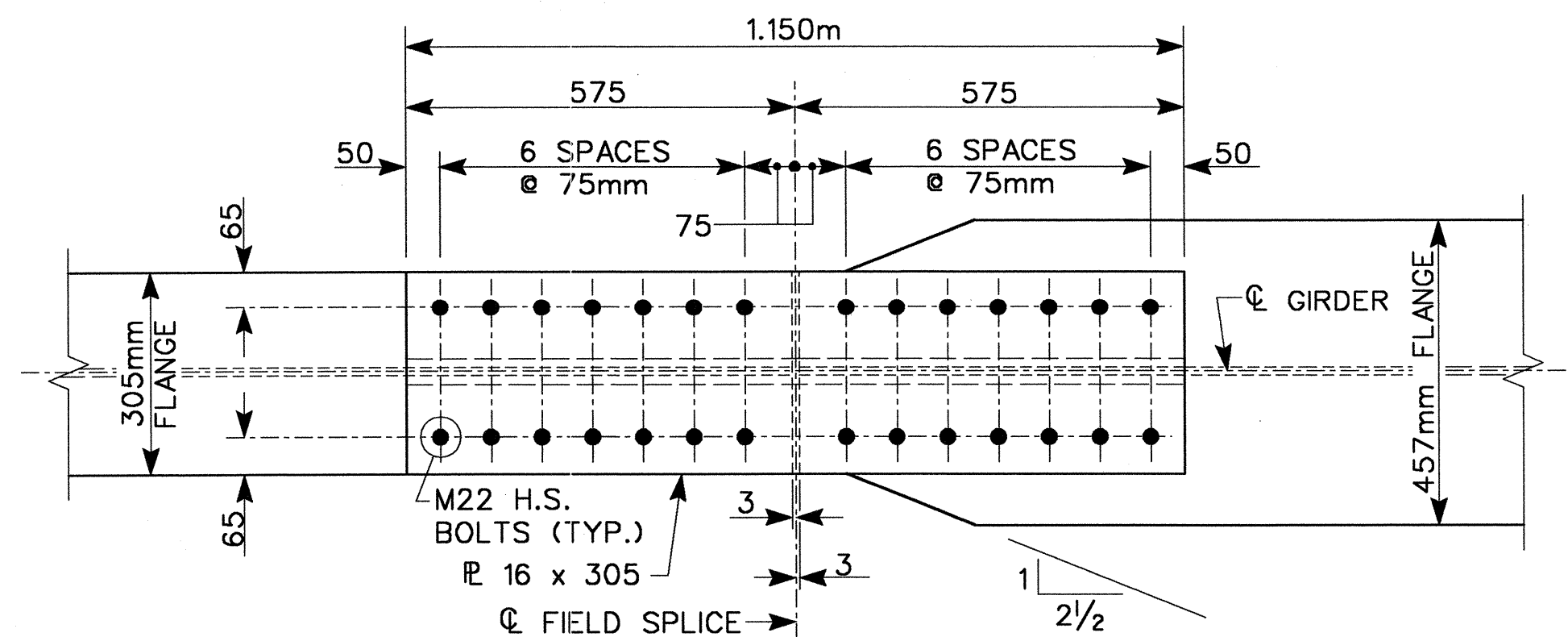
PLAN OF TOP FLANGE @ FIELD SPLICE



ELEVATION



SECTION THRU FIELD SPLICE



PLAN OF BOTTOM FLANGE @ FIELD SPLICE

STRUCTURAL STEEL NOTES

SHOP SPLICES ARE PERMITTED TO LIMIT THE MAXIMUM REQUIRED FLANGE PIECE LENGTHS TO 18m AND WEB PIECE LENGTHS TO 14m. PERMITTED FLANGE AND WEB SHOP SPLICES SHALL NOT BE LOCATED WITHIN 4.5m OF MAXIMUM DEAD LOAD DEFLECTION OR INTERMEDIATE BEARINGS. KEEP 610mm MINIMUM BETWEEN WEB AND FLANGE SHOP SPLICES. KEEP 150mm MINIMUM BETWEEN CONNECTION PLATE OR INTERMEDIATE STIFFENER WELDS AND WEB OR FLANGE SHOP SPLICES.

BEARING STIFFENERS ARE TO BE PLACED NORMAL TO THE WEB OF THE GIRDER AND SHALL BE PLUMB

STUDS ON GIRDERS MAY BE SHIFTED UP TO 25mm AS NECESSARY TO CLEAR FLANGE SPLICE WELDS.

ALL DIMENSIONS SHOWN ARE HORIZONTAL OR VERTICAL UNLESS OTHERWISE NOTED.

ALL FIELD CONNECTIONS TO BE 22.23mm ϕ HIGH STRENGTH BOLTS, UNLESS OTHERWISE NOTED.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 345W AND PAINTED IN ACCORDANCE WITH SYSTEM 4 OF ARTICLE 442-7 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

ENDS OF GIRDERS SHALL BE PLUMB.

SEE "SUPERSTRUCTURE STRUCTURAL STEEL DETAILS" SHEET FOR CHARPY V-NOTCH TEST REQUIREMENTS AND NOTES.

CONNECTOR PLATES FOR INTERMEDIATE DIAPHRAGMS (D2) SHALL BE PLACED NORMAL TO THE GIRDER FLANGES AND SHALL BE ORIENTED WITH RESPECT TO THE GIRDER WEB AS SHOWN ON THE "FRAMING PLAN" SHEET. CONNECTOR PLATES ARE NOT REQUIRED ON THE OUTSIDE OF EXTERIOR GIRDERS.

PROJECT NO. R-2552B

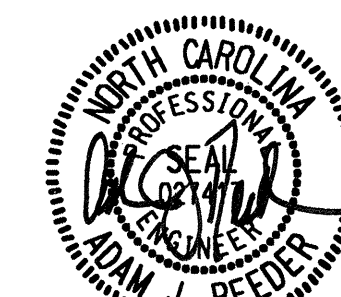
JOHNSTON COUNTY

STATION: 65+51.880 -L-
14+25.318 -Y7-

SHEET 3 of 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
FIELD SPLICE DETAILS AND
STRUCTURAL STEEL NOTES



1-13-04

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

S-11
TOTAL SHEETS
431



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FAX (919) 876-6848

DRAWN BY: AR DATE: 8/03

CHECKED BY: JL DATE: 8/03