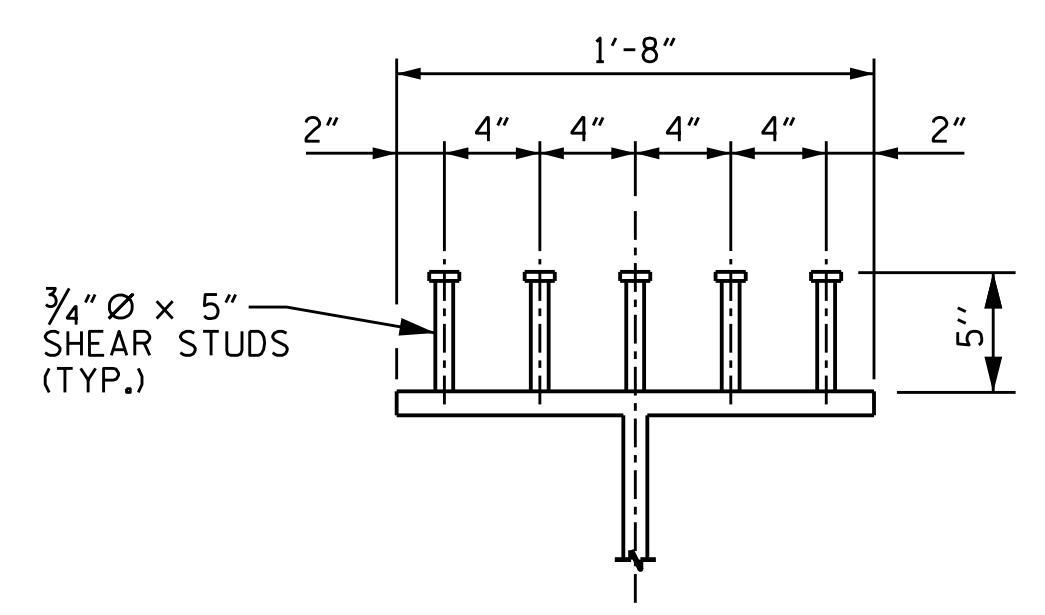
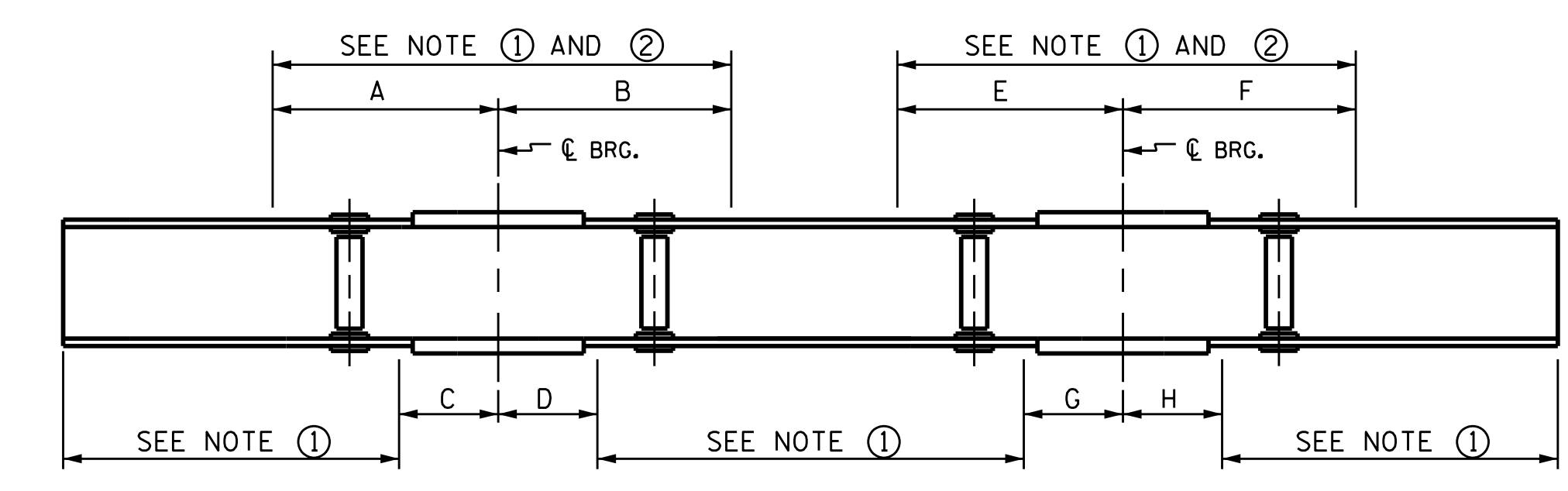


PART PLAN - BOTTOM FLANGE



SHEAR STUD DETAILS



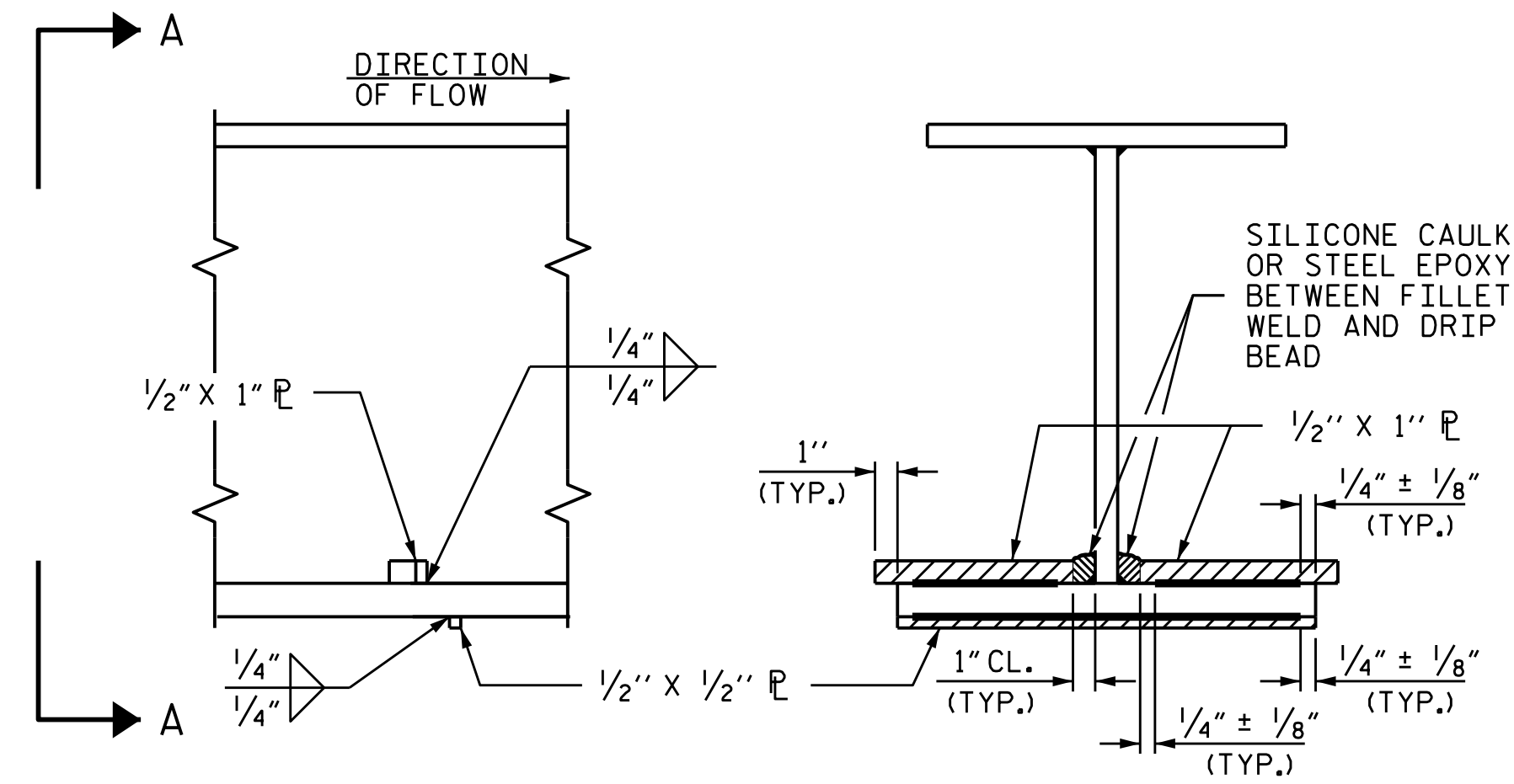
DIMENSIONS								
GIRDER	A	B	C	D	E	F	G	H
1	40'-8"	38'-8"	32'-0"	31'-2"	38'-8"	40'-6"	31'-2"	32'-0"
2	40'-8"	38'-9"	33'-2"	32'-6"	38'-9"	40'-6"	32'-6"	33'-2"
3	41'-4"	39'-3"	33'-2"	32'-4"	39'-3"	41'-2"	32'-4"	33'-2"
4	46'-7"	39'-10"	33'-0"	31'-11"	39'-10"	41'-11"	31'-11"	33'-0"
5	50'-8"	43'-9"	33'-2"	31'-10"	43'-9"	49'-10"	31'-10"	33'-2"

* GIRDERS ARE NUMBERED FROM LEFT TO RIGHT (LOOKING UPSTATION)

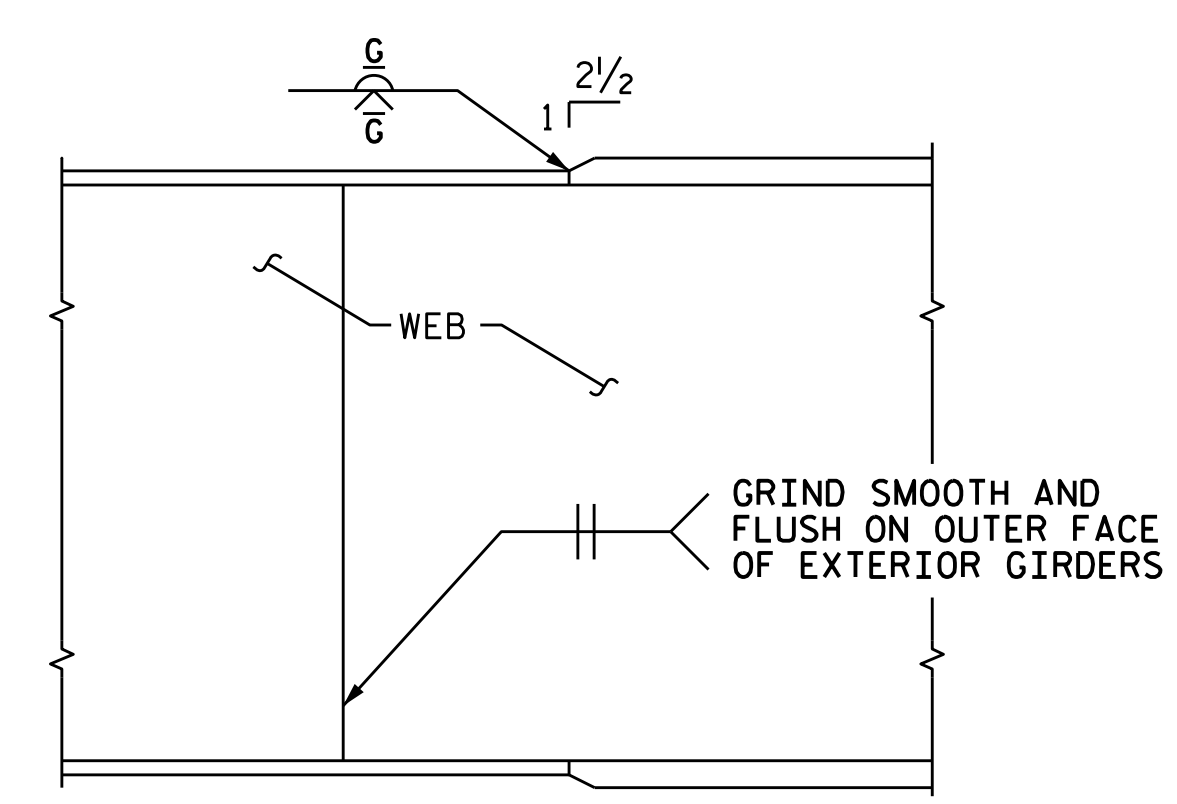
NOTE 1 : CHARPY V-NOTCH TESTS ARE REQUIRED FOR ALL TOP OR BOTTOM FLANGE PLATES WHICH FALL WITHIN THESE LIMITS, ALL WEB PLATES, AND ALL SPLICE PLATES. IF A PERMITTED SHOP FLANGE SPLICE IS NOT USED, CHARPY V-NOTCH TESTS WILL BE REQUIRED FOR THE ENTIRE FLANGE PLATE. FOR CHARPY V-NOTCH TESTS, SEE ARTICLE 1072-7 OF THE STANDARD SPECIFICATIONS.

NOTE 2 : NO WELDING OF FORMS OR FALSEWORK TO THE TOP FLANGE WILL BE PERMITTED IN THIS REGION

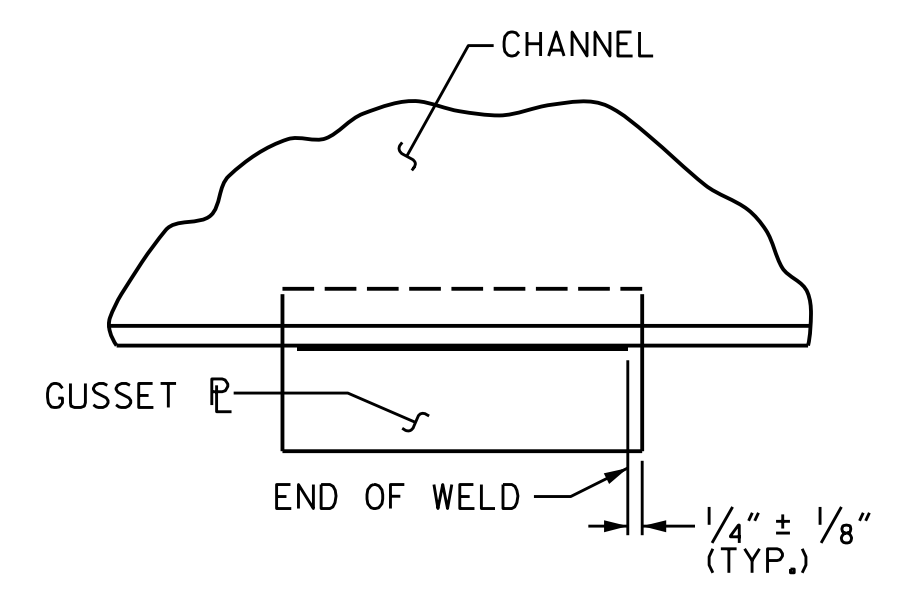
CHARPY V-NOTCH TESTS FOR CONTINUOUS PLATE GIRDERS



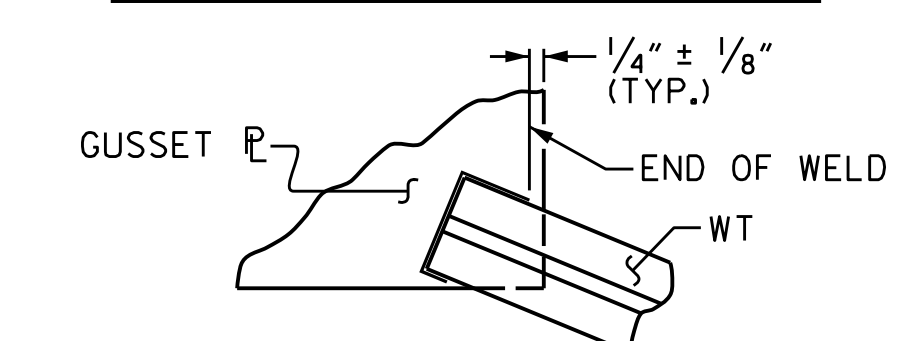
DRIP BEAD DETAILS



TYPICAL FLANGE AND WEB BUTT JOINT



TYPICAL GUSSET PLATE CONNECTION



TYPICAL "TEE" TO GUSSET PLATE CONNECTION

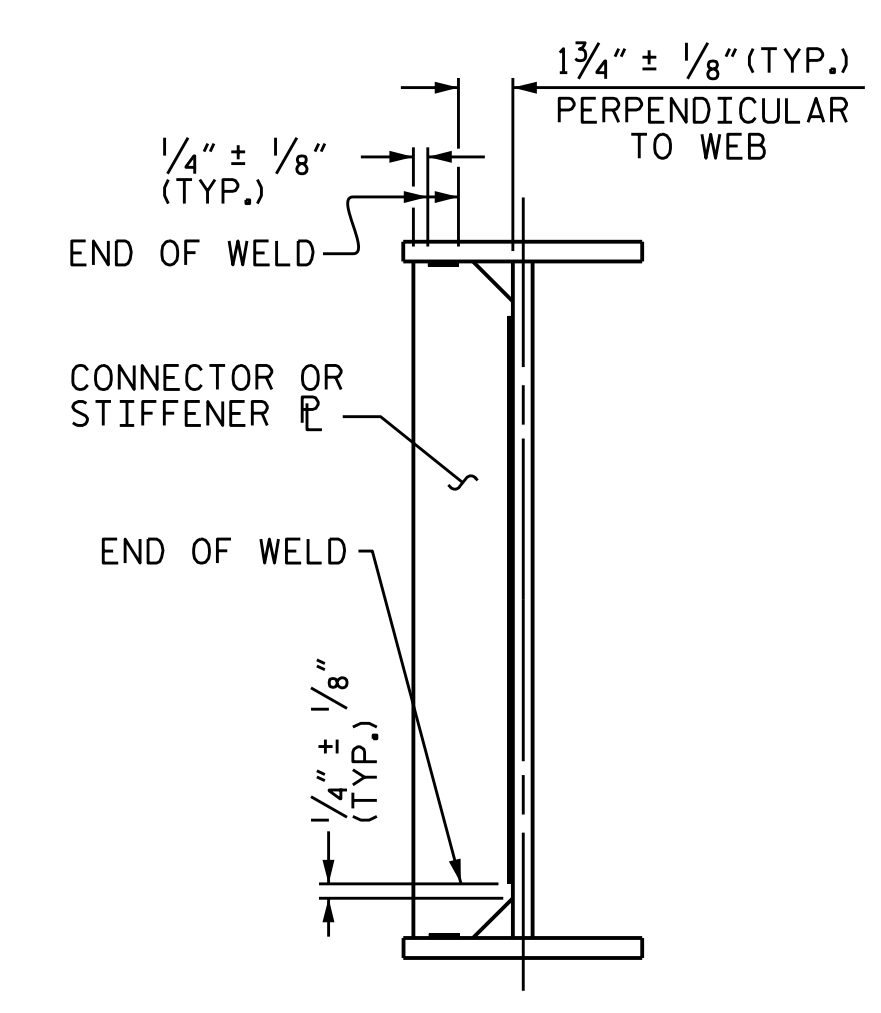
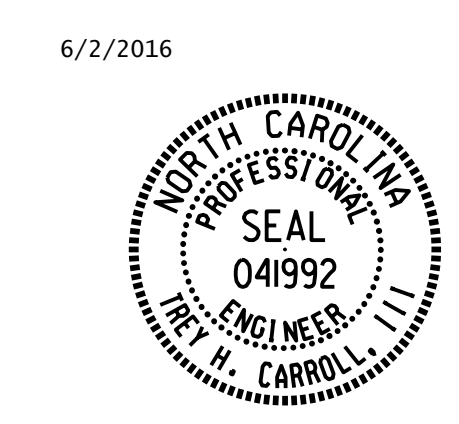


PLATE GIRDER
TYPICAL STIFFENER OR CONNECTOR PLATE CONNECTIONS

WELD TERMINATION DETAILS

PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-
SHEET 3 OF 4 STEEL ALTERNATE



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

DRAWN BY : K. WHITE DATE : FEB 2016
CHECKED BY : T. H. CARROLL DATE : MAR 2016
DESIGN ENGINEER OF RECORD: T. H. CARROLL DATE : MAY 2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-240
1			3			TOTAL SHEETS
2			4			278

*****SYSTEM*****
*****DCN*****
*****USERNAME*****