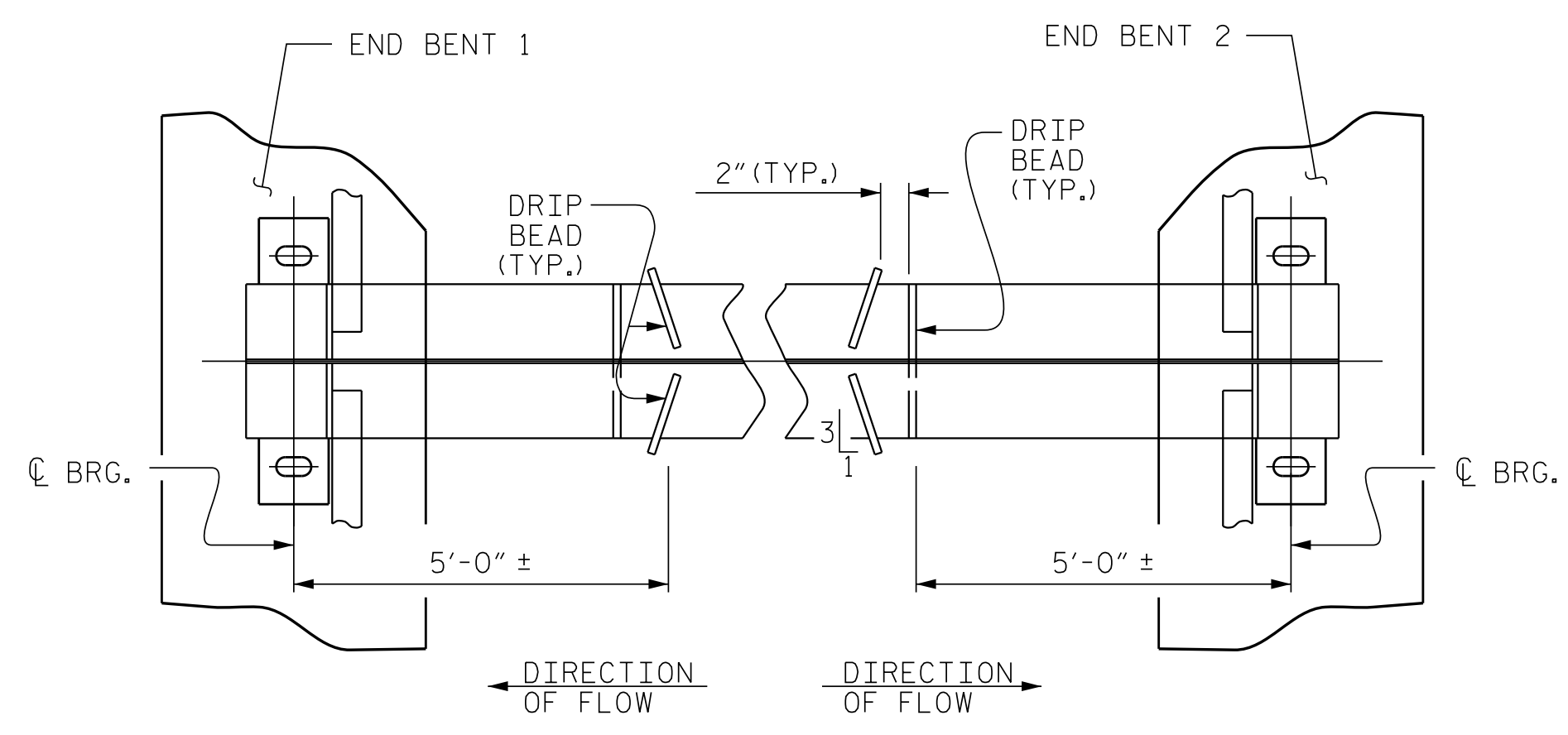


GIRDER MAKE-UP

CHARPY V - NOTCH TESTS FOR CONTINUOUS PLATE GIRDERS

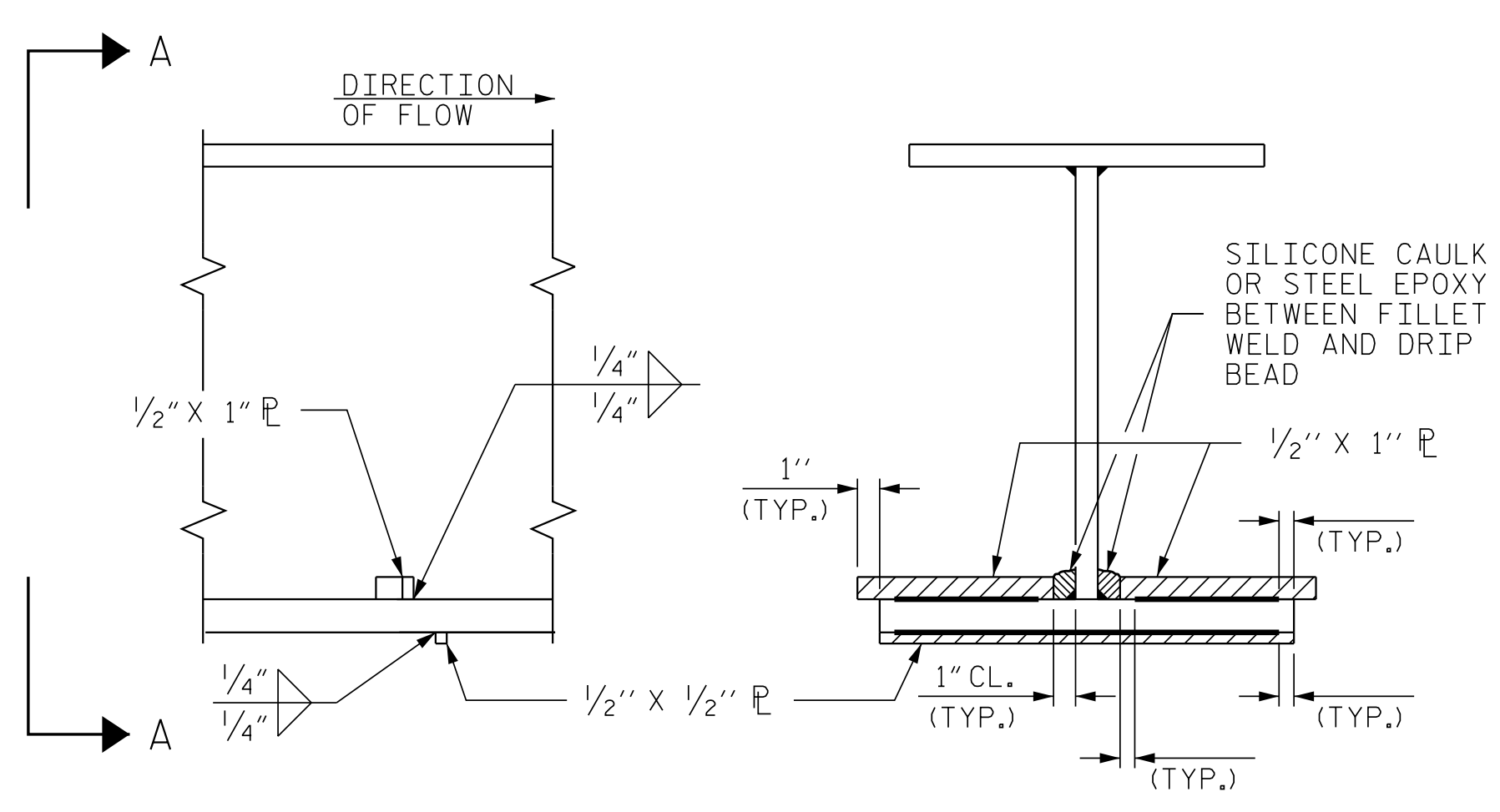
CHARPY V-NOTCH NOTES:

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 1072-9 OF THE STANDARD SPECIFICATIONS.
2. NO WELDING OF FORMS OR FALSEWORK TO THE TOP FLANGE WILL BE PERMITTED IN THIS REGION.

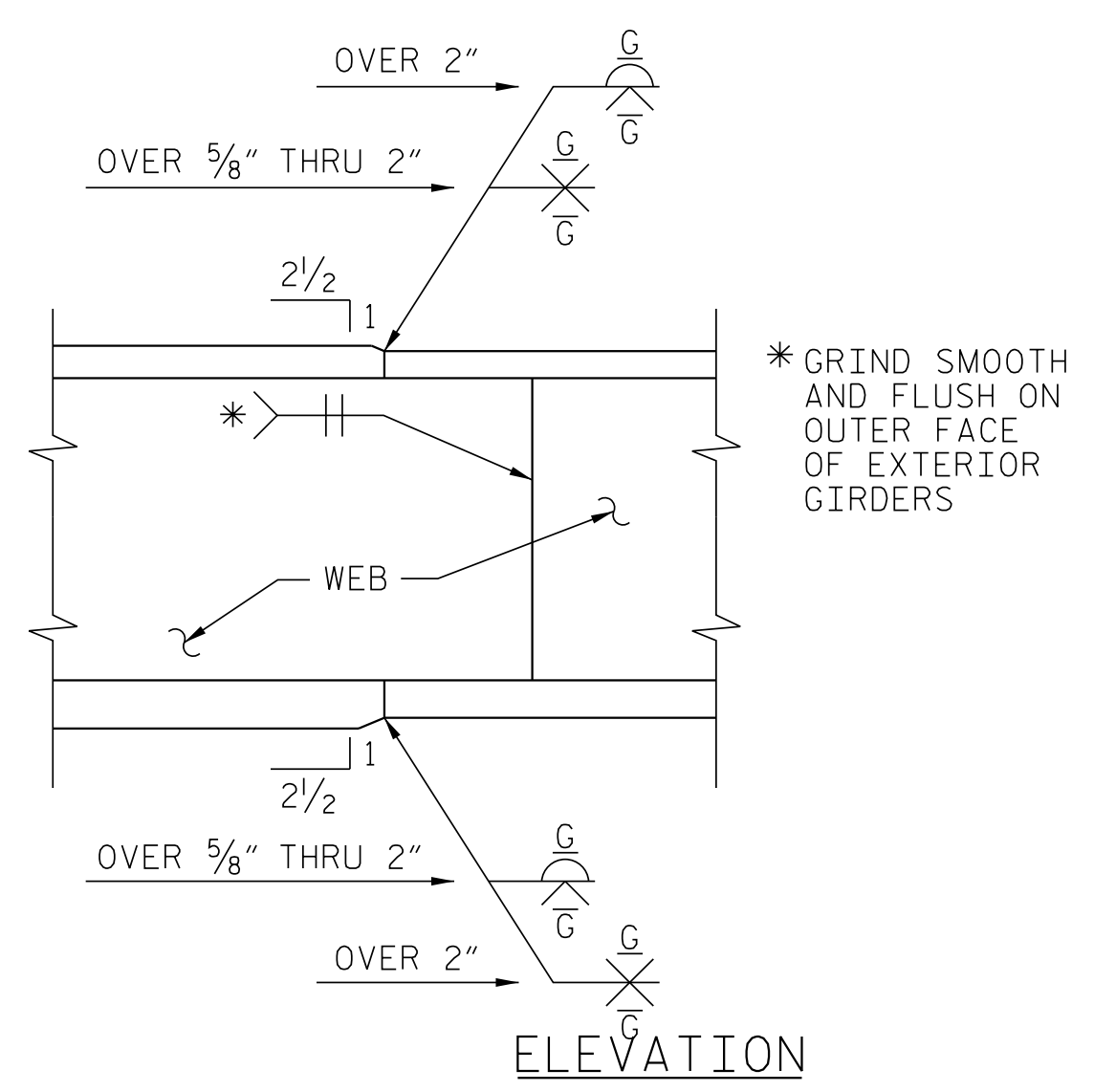


PART PLAN - BOTTOM FLANGE

GIRDER	A	B	C	D	E	F	G	H	I	J	K
1	69'-11 ⁵ / ₈ "	72'-1 ¹ / ₂ "	71'-11 ¹ / ₂ "	69'-11 ⁵ / ₈ "	110'-11 ³ / ₈ "	28'-11 ⁷ / ₈ "	28'-2 ¹³ / ₁₆ "	131'-9"	28'-2 ⁷ / ₈ "	28'-6"	111'-5 ¹ / ₄ "
2	66'-2 ⁵ / ₁₆ "	63'-2 ¹ / ₈ "	63'-1 ⁵ / ₁₆ "	66'-1"	109'-3 ⁵ / ₁₆ "	29'-1 ¹¹ / ₁₆ "	28'-4 ³ / ₁₆ "	129'-4 ⁵ / ₁₆ "	28'-6 ¹³ / ₁₆ "	28'-9 ³ / ₄ "	109'-7 ⁷ / ₈ "
3	60'-11 ⁵ / ₁₆ "	58'-2 ⁷ / ₁₆ "	58'-1 ⁵ / ₁₆ "	60'-11 ⁵ / ₁₆ "	107'-4 ⁷ / ₁₆ "	29'-7 ¹ / ₂ "	28'-8 ⁷ / ₈ "	126'-9 ³ / ₈ "	28'-10 ³ / ₁₆ "	29'-5 ⁵ / ₁₆ "	107'-6 ⁷ / ₁₆ "
4	58'-9 ⁹ / ₁₆ "	57'-6 ¹ / ₁₆ "	57'-4 ⁵ / ₈ "	58'-10 ³ / ₈ "	107'-1 ¹³ / ₁₆ "	28'-4 ¹ / ₂ "	27'-5 ⁵ / ₁₆ "	127'-2 ¹ / ₁₆ "	27'-8 ³ / ₄ "	28'-1 ⁵ / ₁₆ "	107'-4 ³ / ₈ "
5	62'-8"	67'-4 ¹ / ₄ "	67'-3 ¹ / ₁₆ "	63'-0 ⁵ / ₁₆ "	106'-0 ⁵ / ₁₆ "	28'-0 ¹ / ₁₆ "	26'-7"	127'-0 ¹ / ₂ "	26'-9 ⁷ / ₈ "	27'-6 ¹ / ₁₆ "	106'-6 ¹ / ₄ "



DRIP BEAD DETAILS



TYPICAL FLANGE AND WEB BUTT JOINT

PROJECT NO. R-5516
 CRAVEN COUNTY
 STATION: 32+25.84 -YEB01-
 75+13.29 -L-
 SHEET 2 OF 5

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4/12/2017
 NORTH CAROLINA PROFESSIONAL SEAL
 SEAL 030474
 ENGINEER JOHN C. MORRISON

DocuSigned by:
 John C. Morrison
 A2FDE142C82F4AB

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			51
2			4			

DRAWN BY : N. K. BROWN DATE : 03/16
 CHECKED BY : J. C. MORRISON DATE : 03/16
 DESIGN E.O.R. : J. C. MORRISON DATE : 05/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DATE: 4/7/2017 TIME: 2:59:54 PM
 USER: jcmr1603c DGN: R:\6328444_Sigcom_Road\MO_Technical\MOB_Structure\Cada\MO_L095_S19_A8516_SML_S502.dgn