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 JHowerton - N1 CSP-24293

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

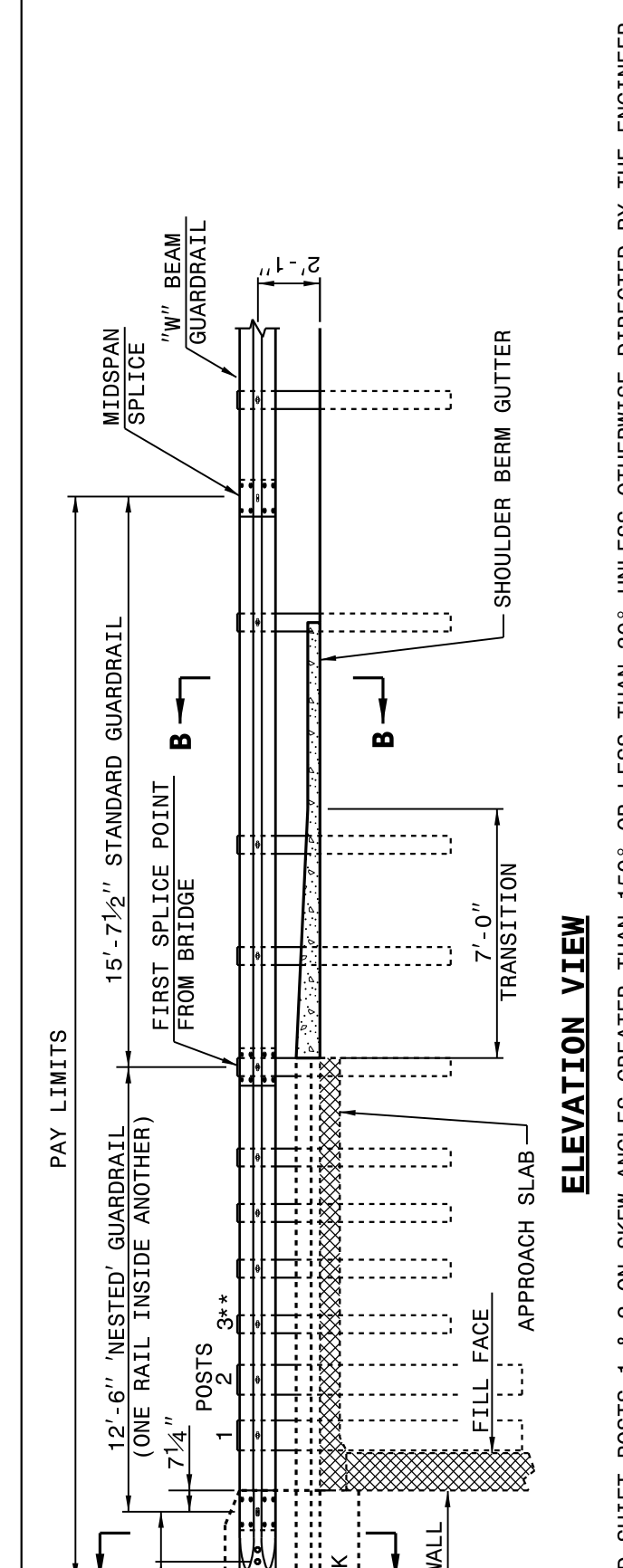
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
 GUARDRAIL ANCHOR UNIT TYPE B-83

SHEET 6 OF 7
862D03

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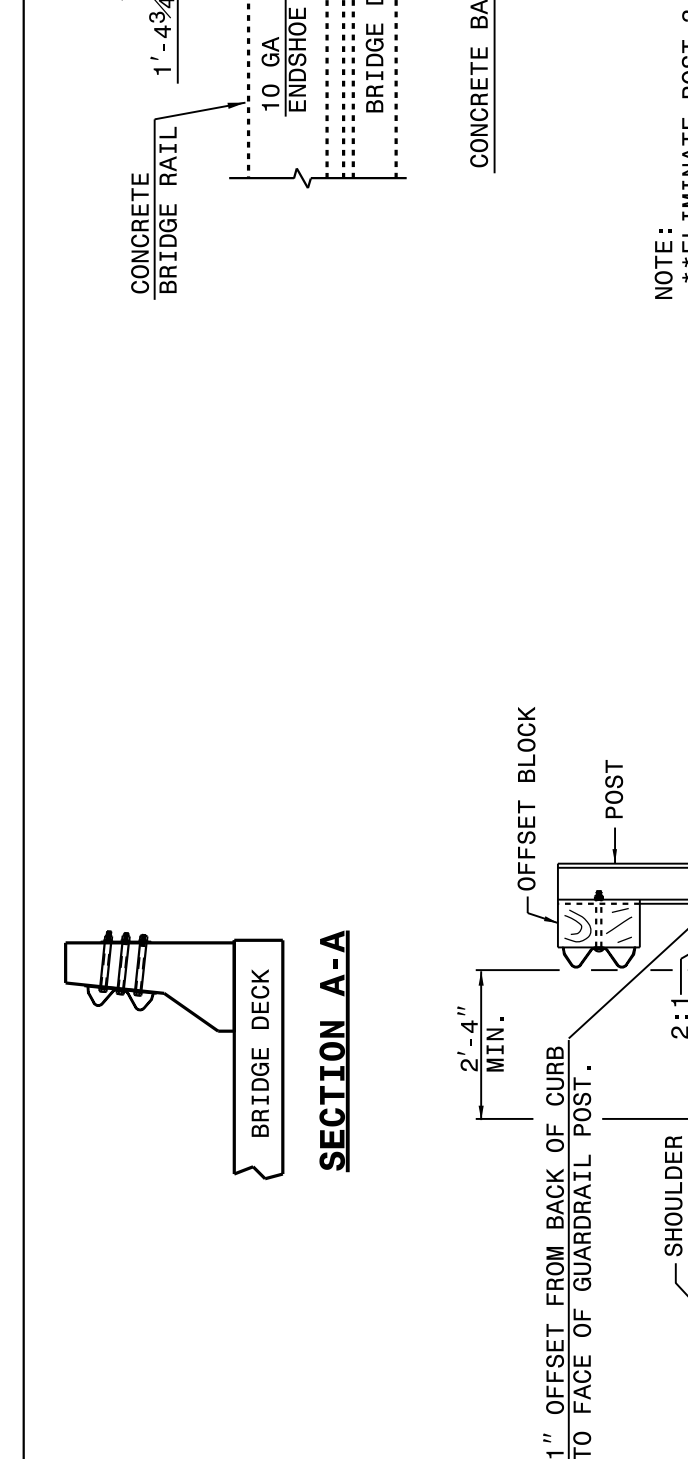
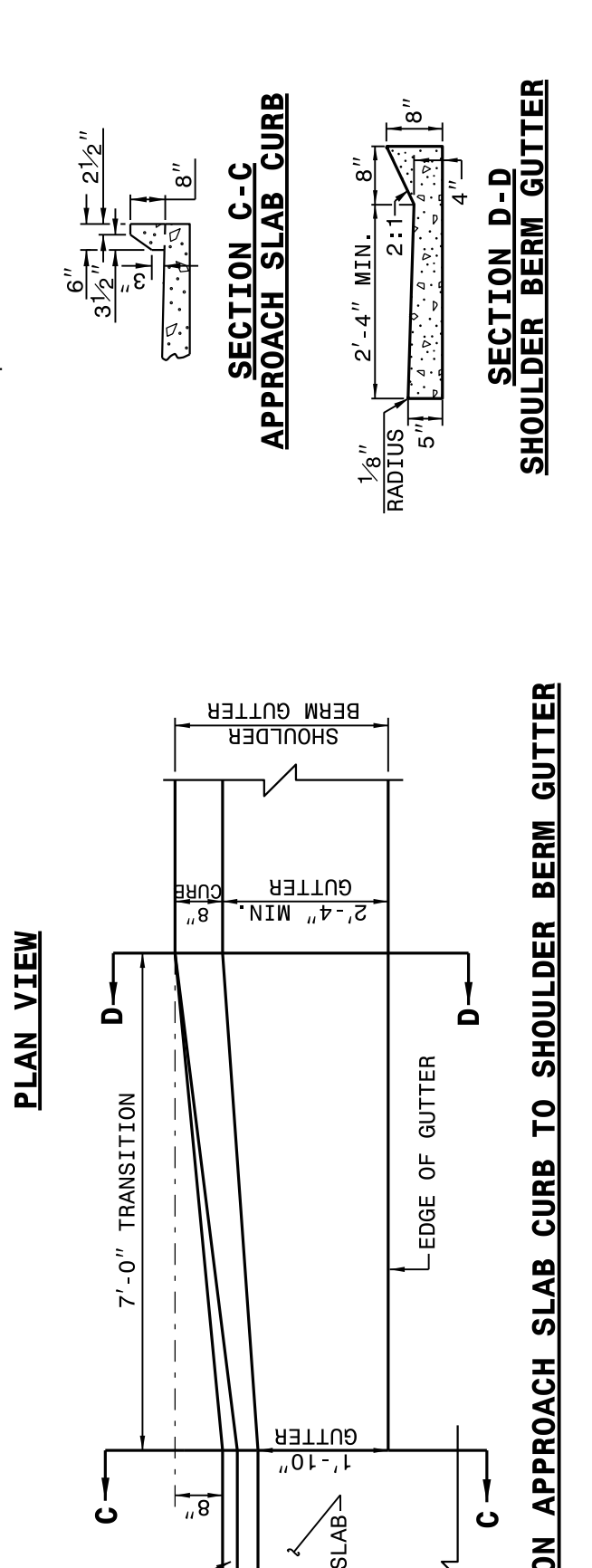
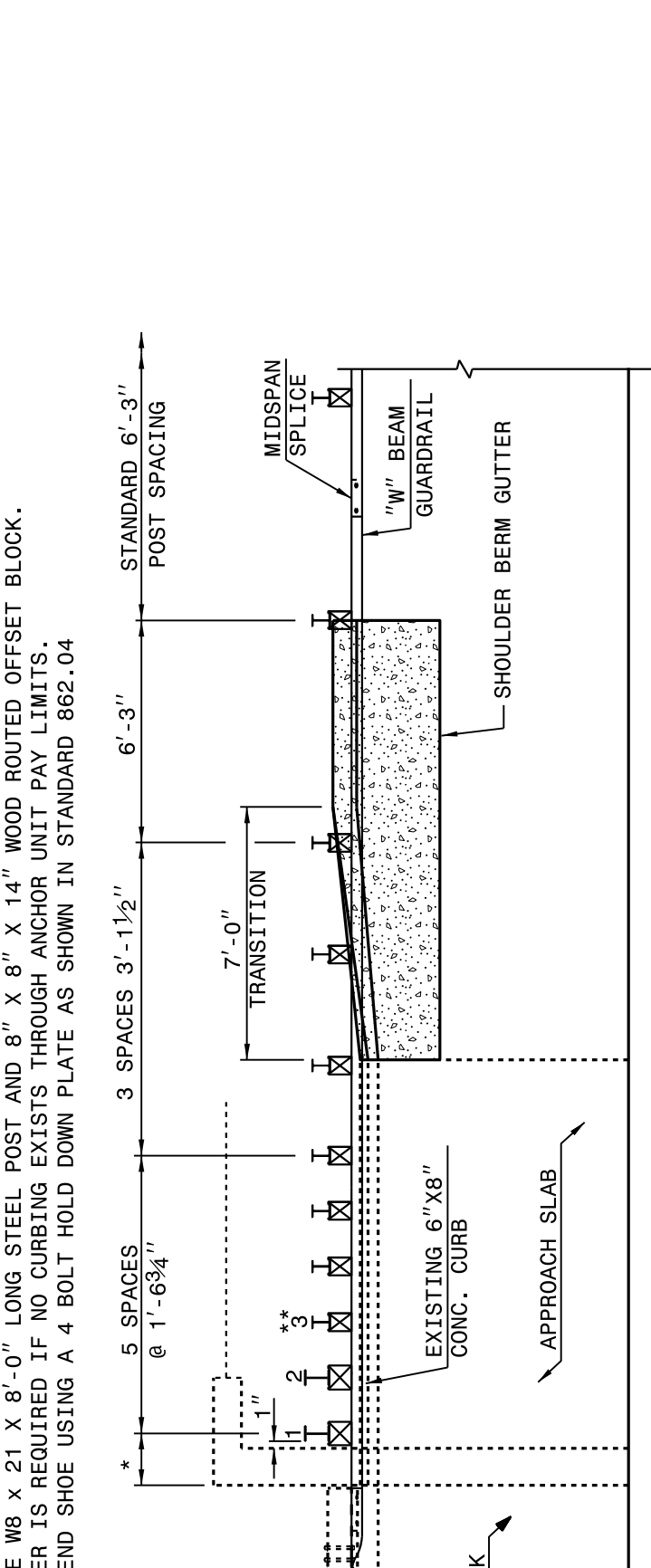
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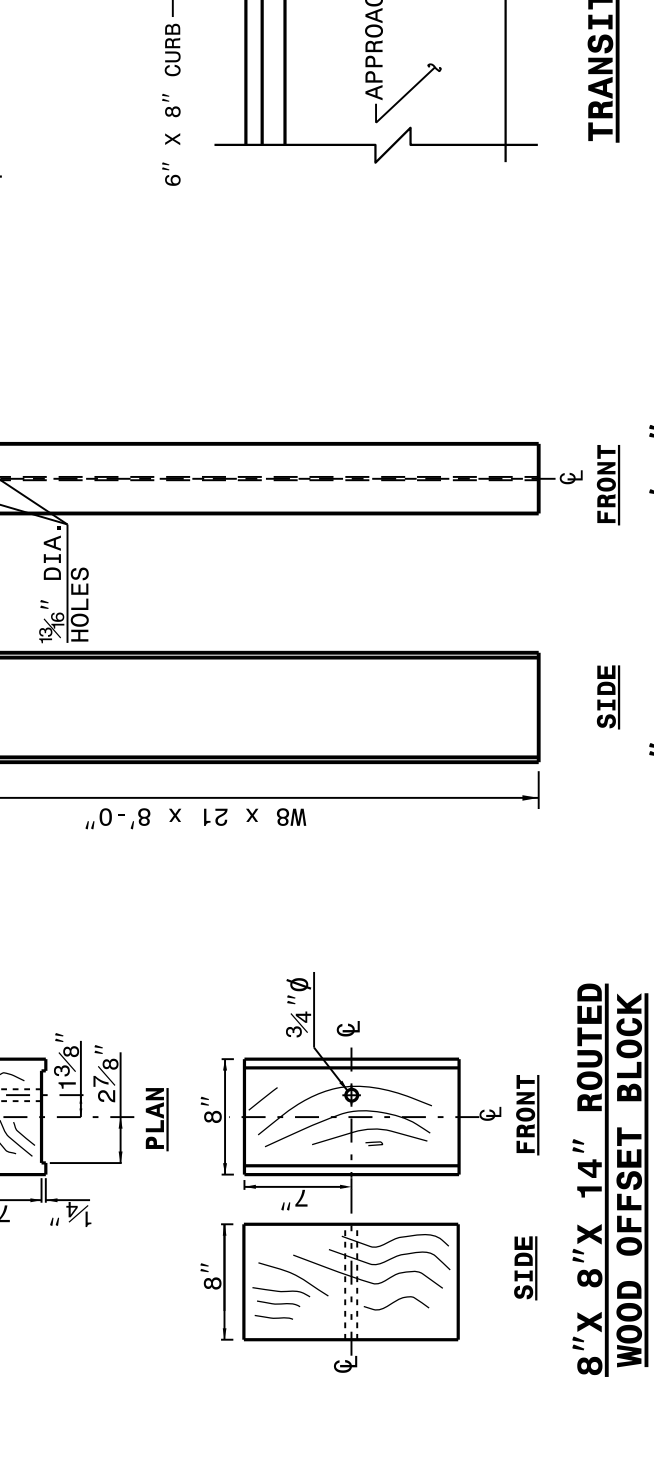
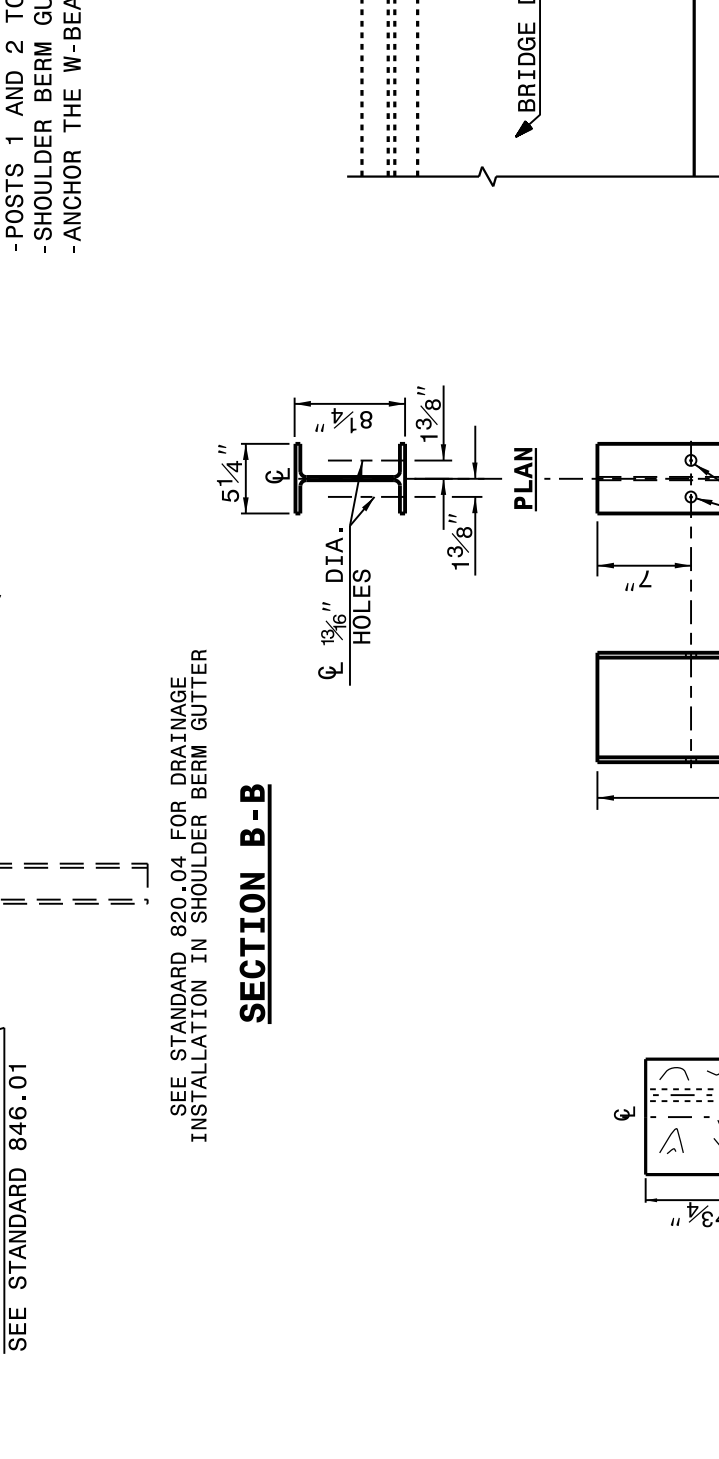


ELEVATION VIEW

NOTE:
 **ELIMINATE POST 3 AND SHIFT POSTS 1 & 2 ON SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 *MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
 -USE NO WOOD POSTS WITHIN THE GUARDRAIL ANCHOR UNIT LIMITS.
 -POSTS 1 AND 2 ARE TO BE 21' X 8" LONG STEEL POST AND 8" X 8" X 14" WOOD ROUTED OFFSET BLOCK.
 -SHOULDER BERM GUTTER IS REQUIRED IF NO CURBING EXISTS THROUGH ANCHOR UNIT PAY LIMITS.
 -ANCHOR THE W-BEAM END SHOE USING A 4 BOLT HOLD DOWN PLATE AS SHOWN IN STANDARD 862.04



1" OFFSET FROM BACK OF CURB TO FACE OF GUARDRAIL POST.
 SEE STANDARD 846.01



SEE STANDARD 820.04 FOR DRAINAGE INSTALLATION IN SHOULDER BERM GUTTER

SECTION B-B
 W8 X 21 X 8'-0"
 STEEL POST

SECTION C-C
 8" X 8" X 14" ROUTED WOOD OFFSET BLOCK

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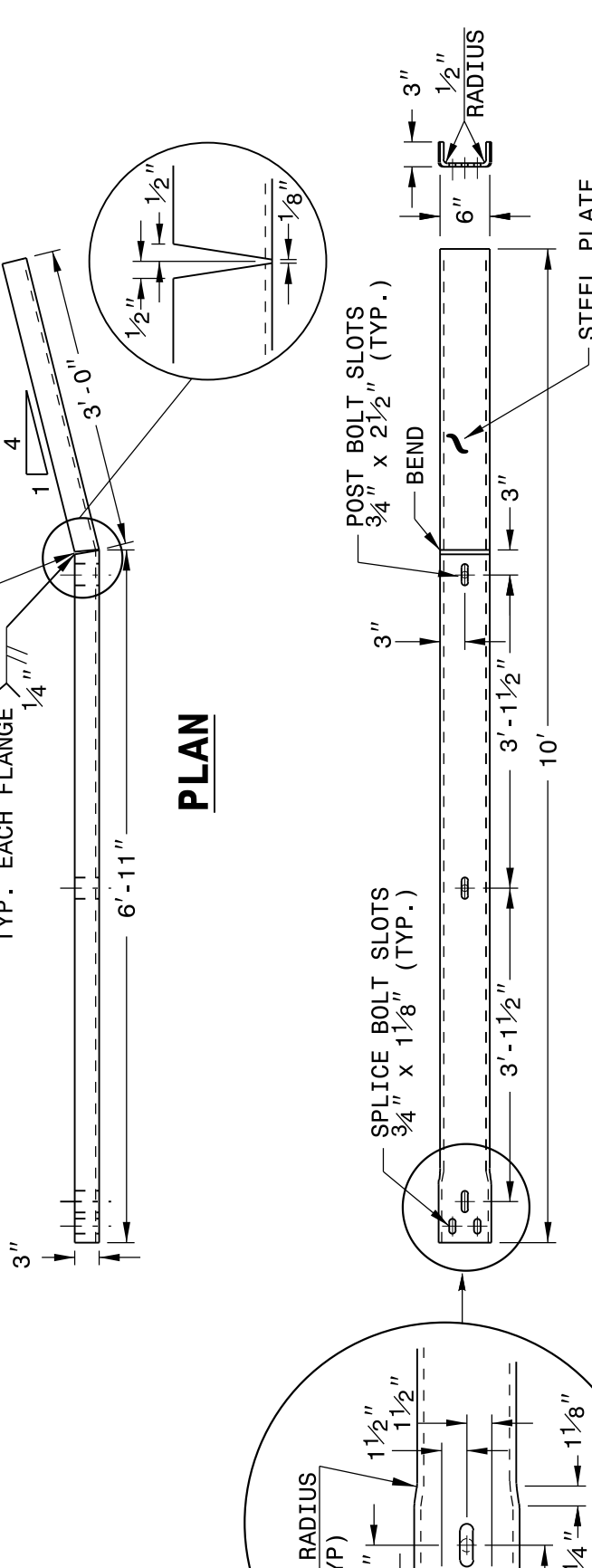
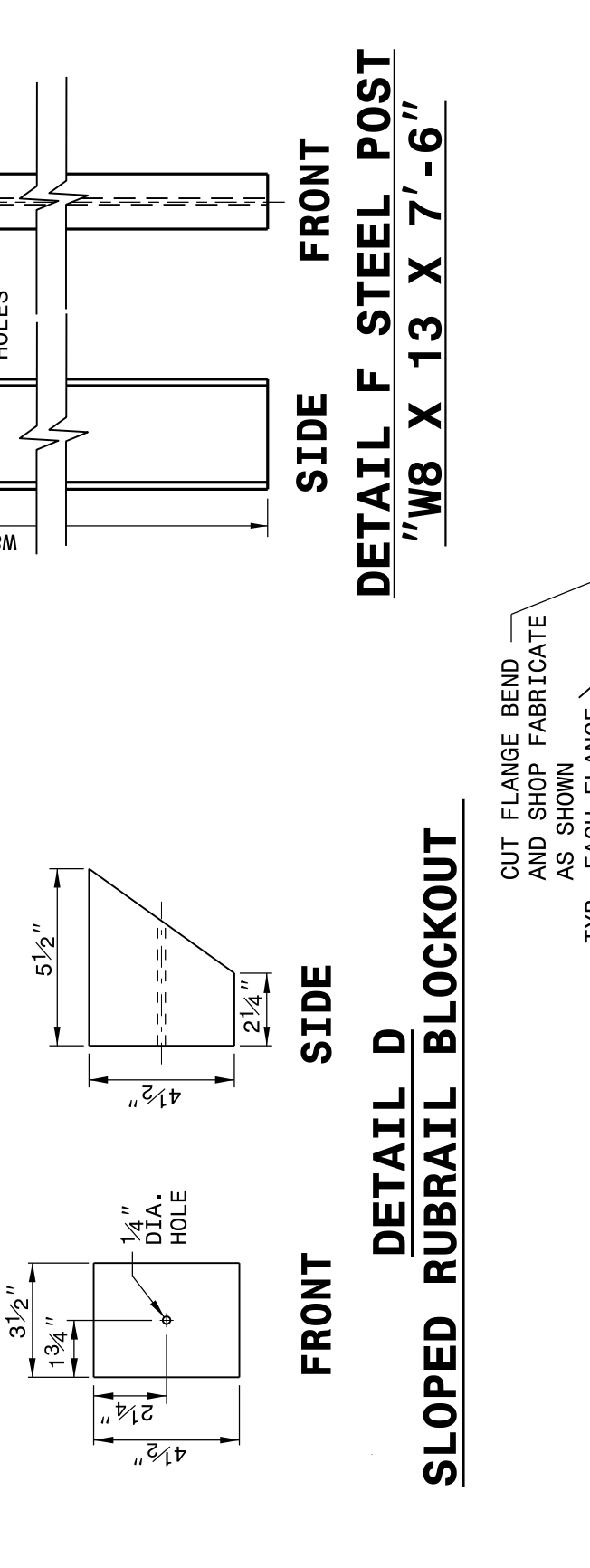
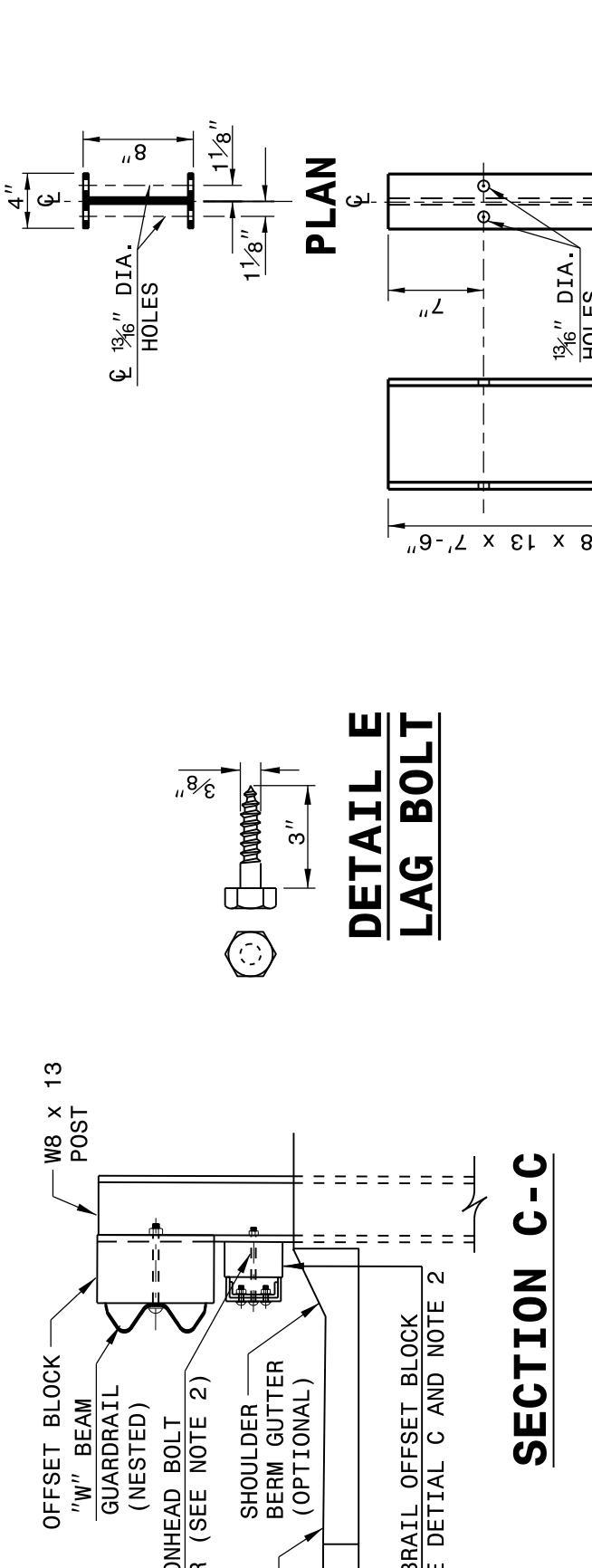
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNIT
 GUARDRAIL ANCHOR UNIT TYPE B-77
 FOR F-SHAPE BARRIER

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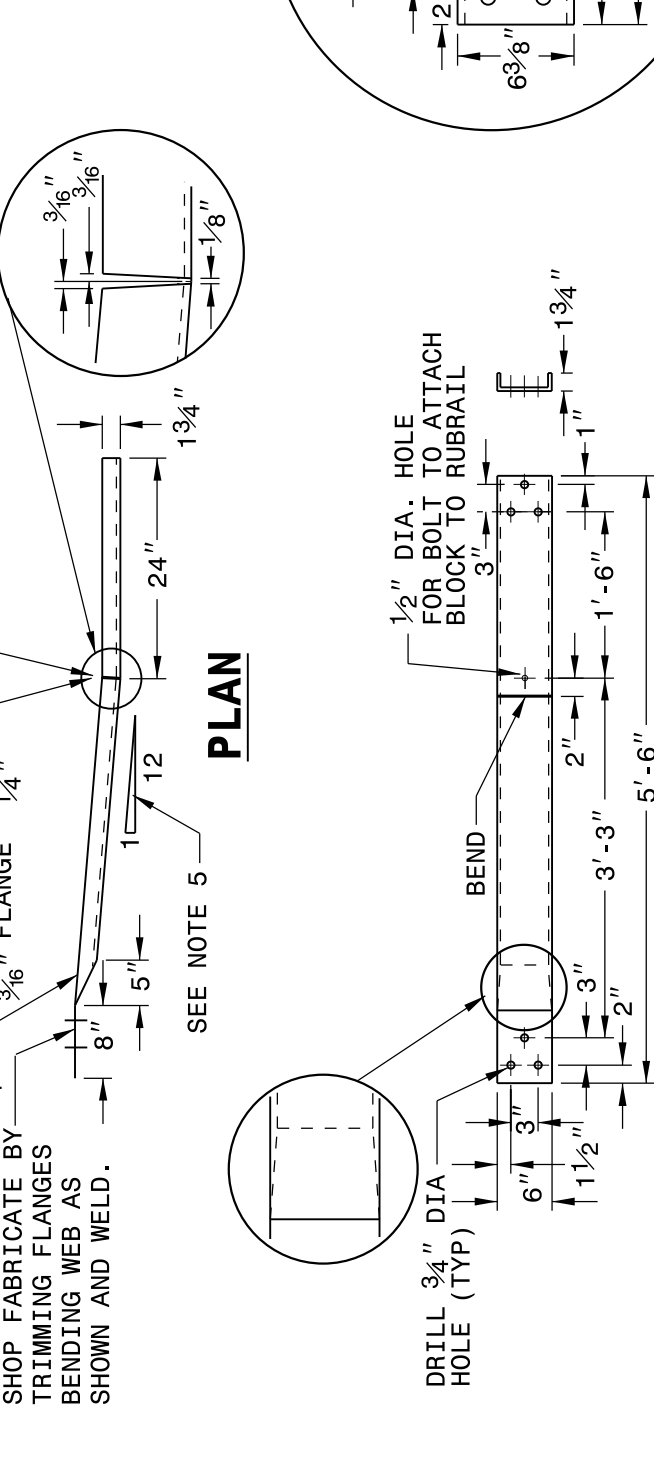
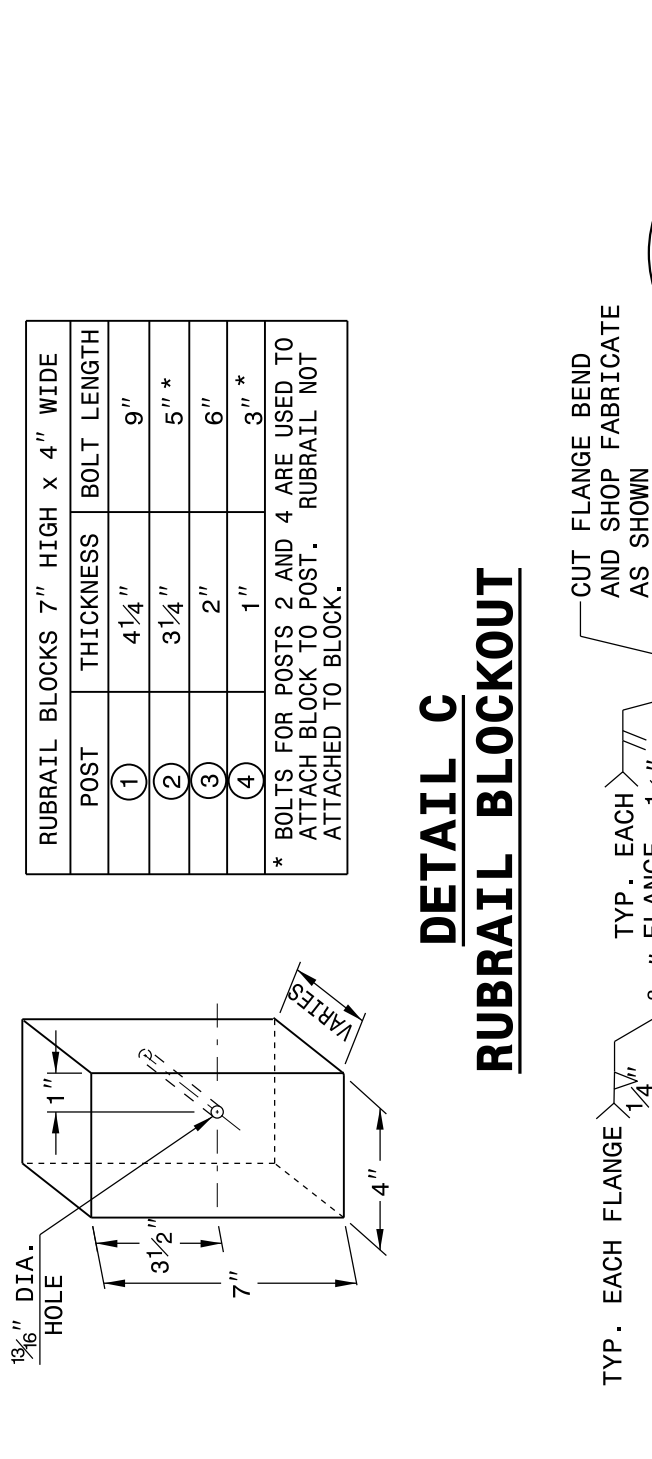
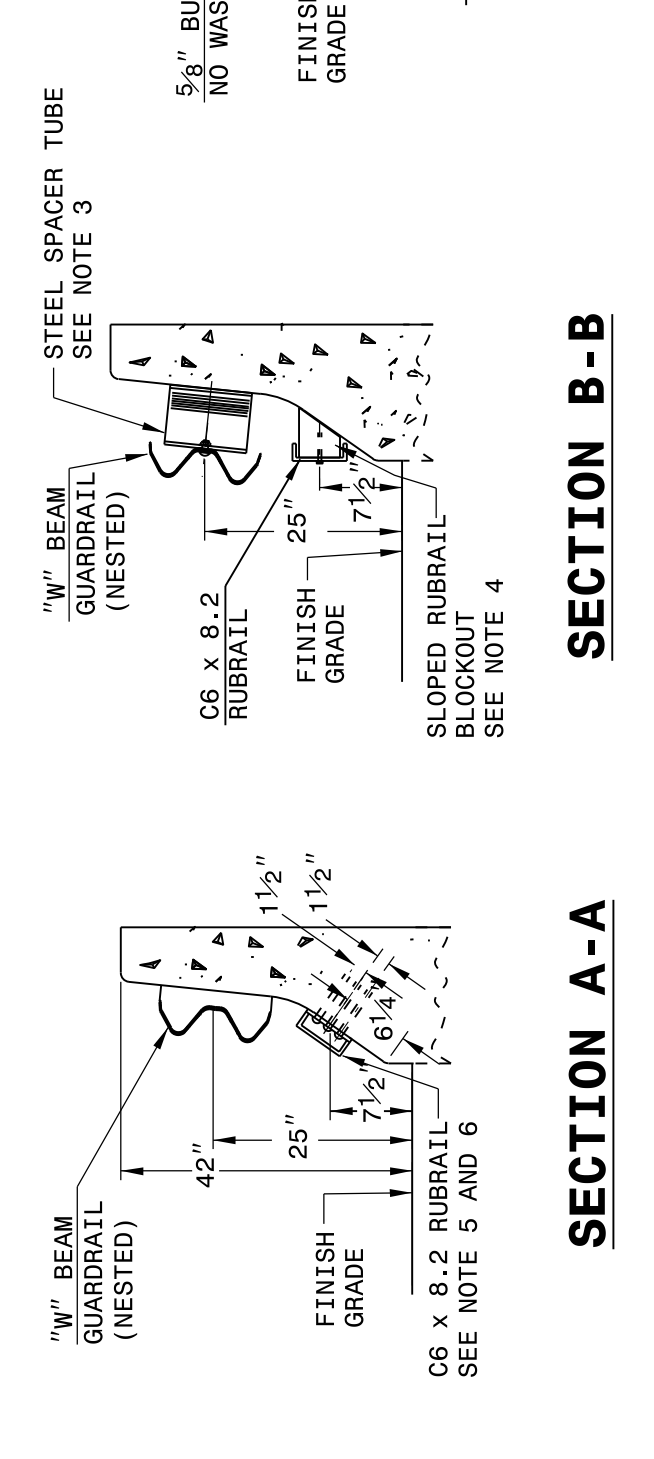
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SECTION A-A
 W8 X 13 X 7'-6"
 SLOPED RUBRAIL BLOCKOUT

SECTION B-B
 C6 X 8.2
 RUBRAIL

SECTION C-C
 W8 X 13 X 7'-6"
 SLOPED RUBRAIL BLOCKOUT



SECTION A-A
 W8 X 13 X 7'-6"
 SLOPED RUBRAIL BLOCKOUT

SECTION B-B
 C6 X 8.2
 RUBRAIL

SECTION C-C
 W8 X 13 X 7'-6"
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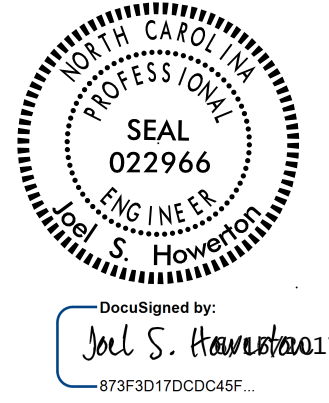
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CONTRACT STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

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