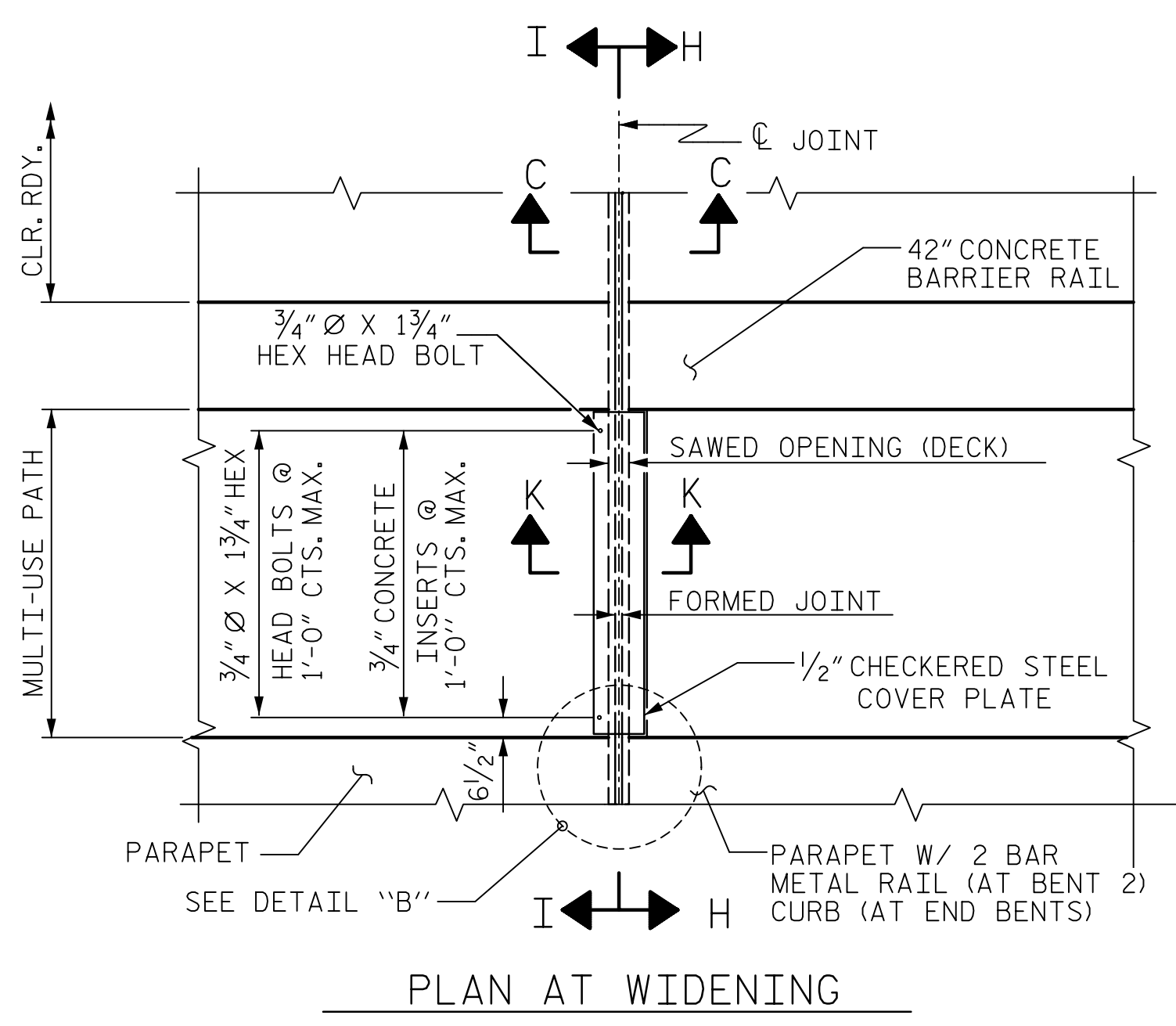
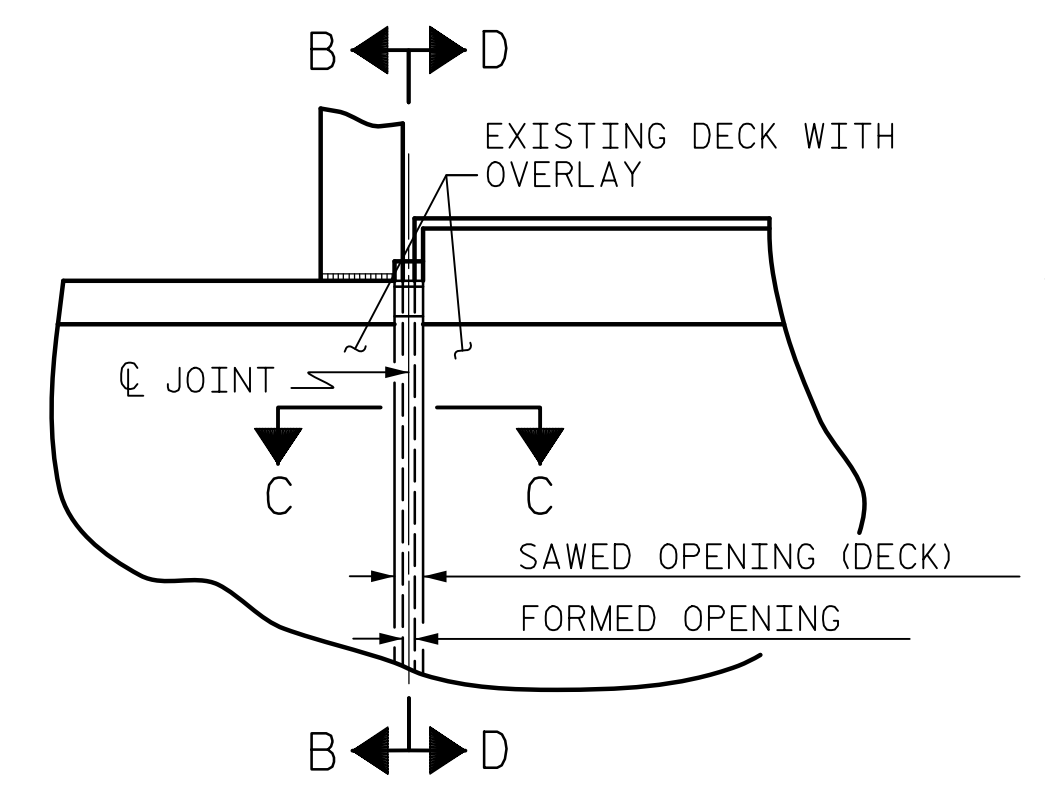


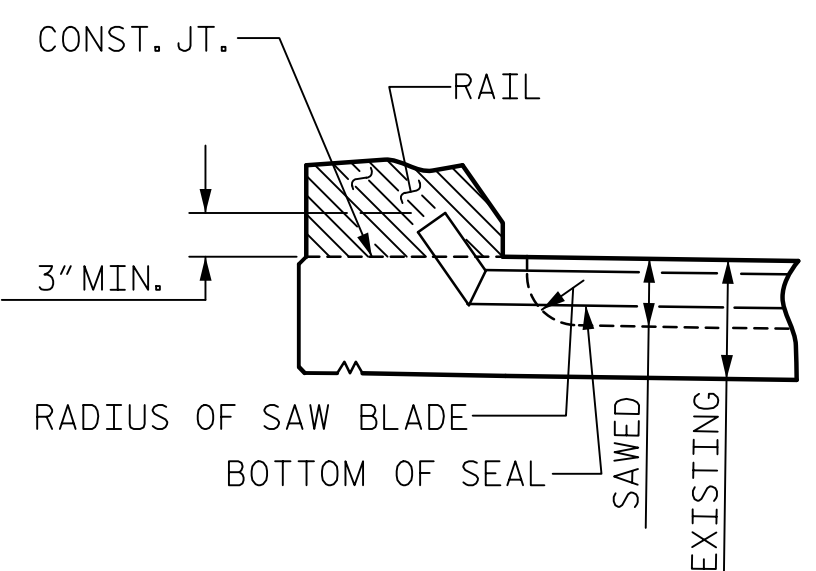
DATE: 2/9/2023 TIME: 12:39:25 PM
USER: jmorris@acem.com DSN: jmorris@acem.com
DRAWN BY: G. COLS CHECKED BY: J.C. MORRISON DESIGNED BY: G. COLS DESIGN CHECKED BY: J.C. MORRISON
DATE: 12/2022 DATE: 12/2022 DATE: 12/2022 DATE: 12/2022



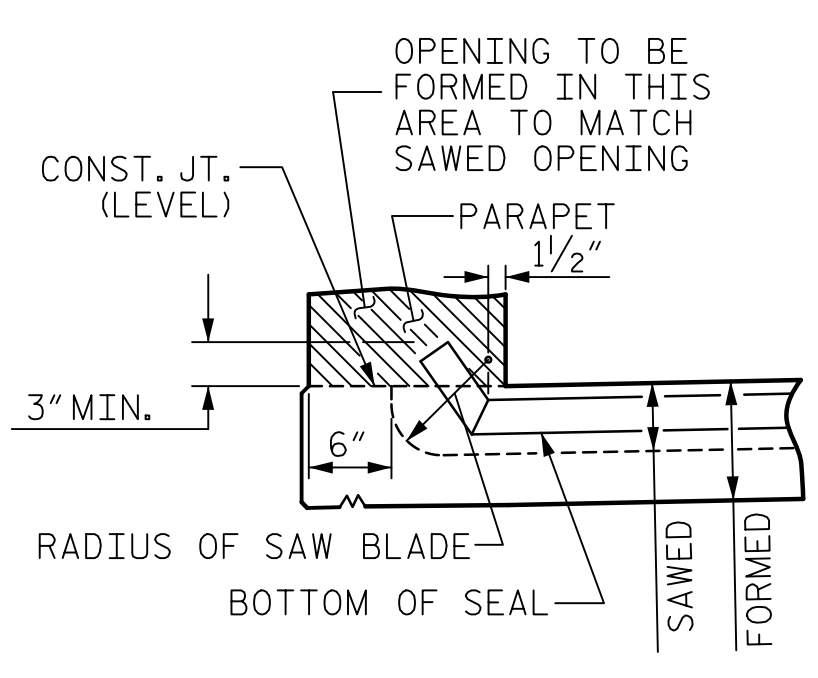
PLAN AT WIDENING



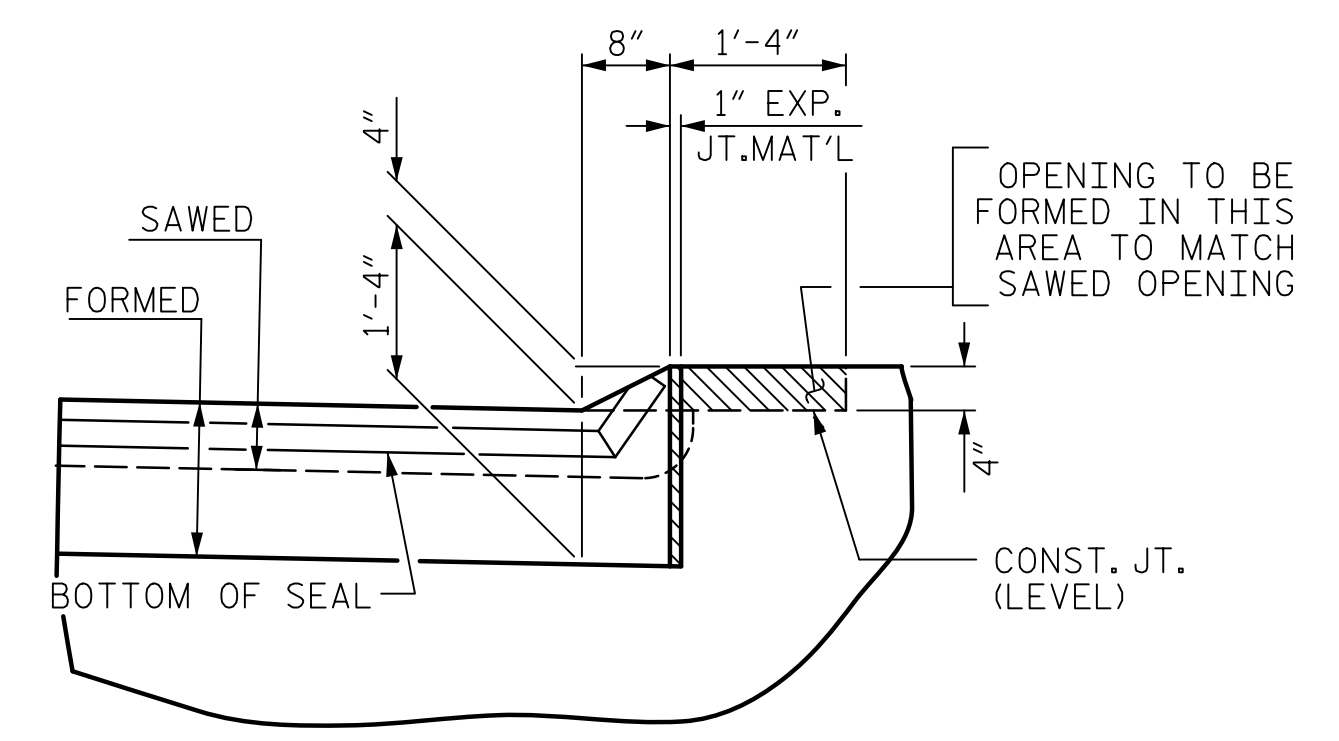
PLAN AT EXISTING BARRIER
SHOWN AT END BENT, SIMILAR AT BENT 2



SECTION D-D



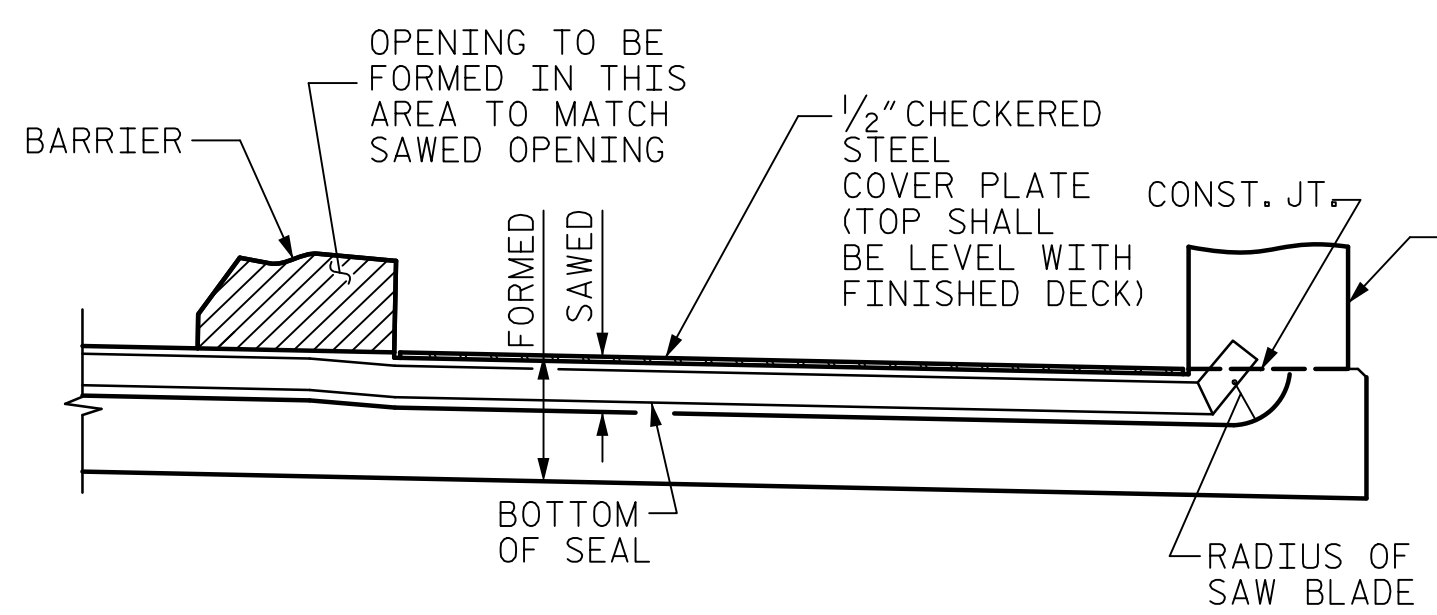
SECTION A-A



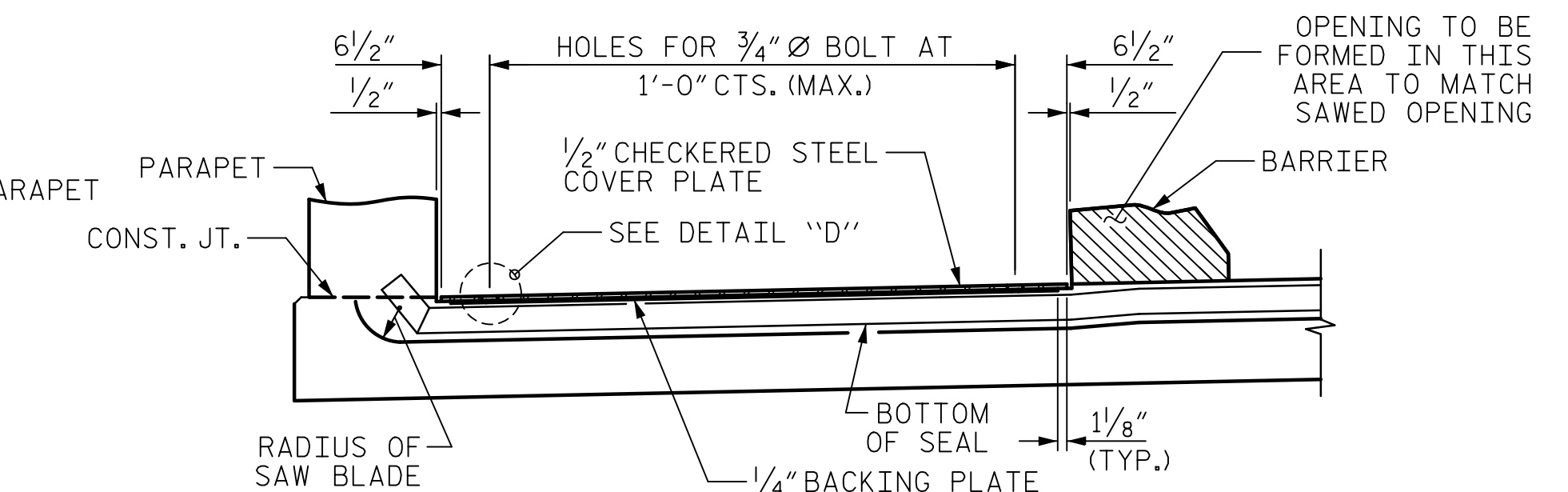
SECTION B-B

FOAM JOINT SEAL DETAILS

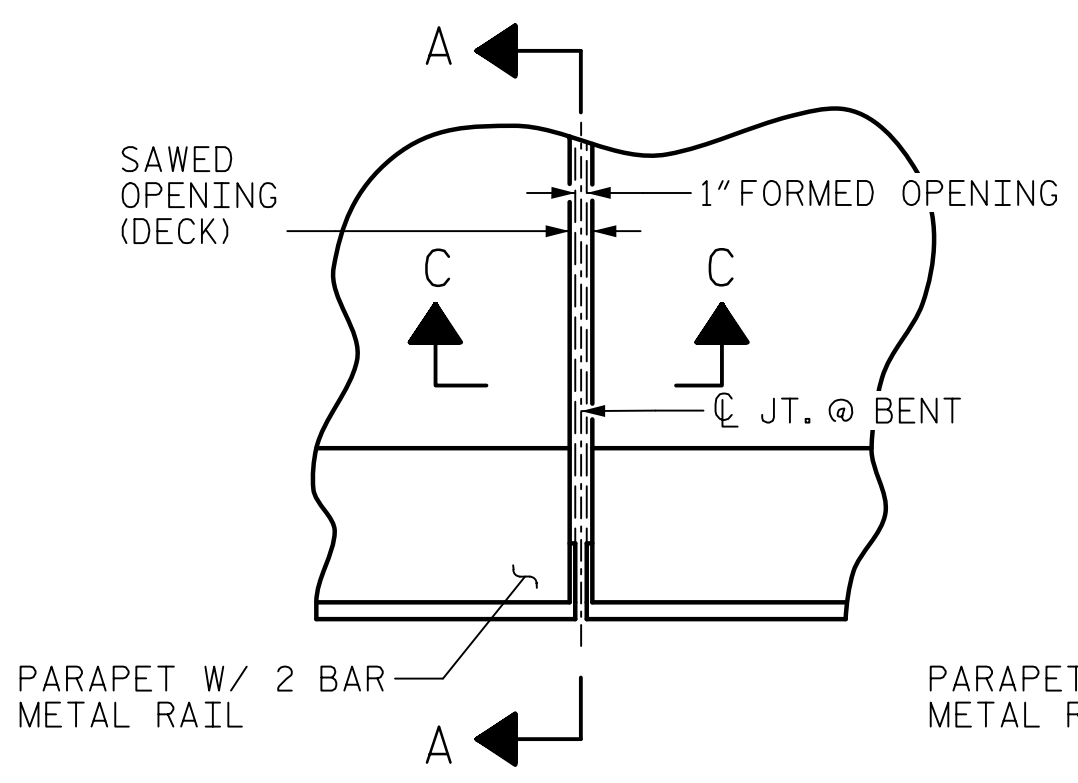
FOAM JOINT SEAL TO BE CUT, HEAT WELDED AND TURNED UP PARALLEL TO SLOPED FACE OF THE PARAPET.



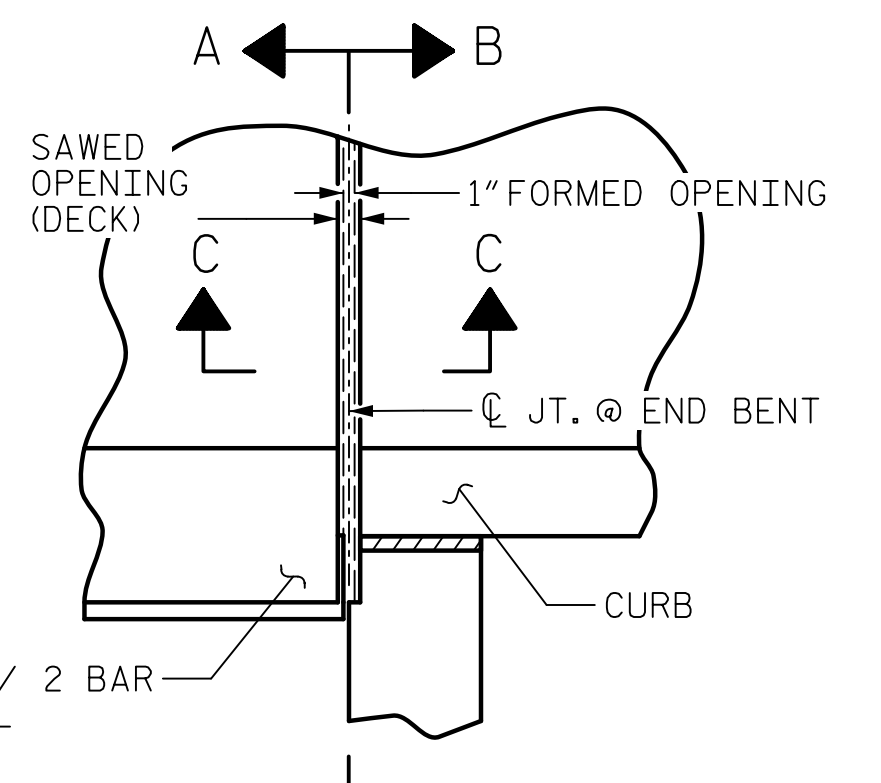
SECTION H-H
SHOWN AT INTERIOR BENT
SIMILAR AT END BENT



SECTION I-I



PLAN AT INTERIOR BENT



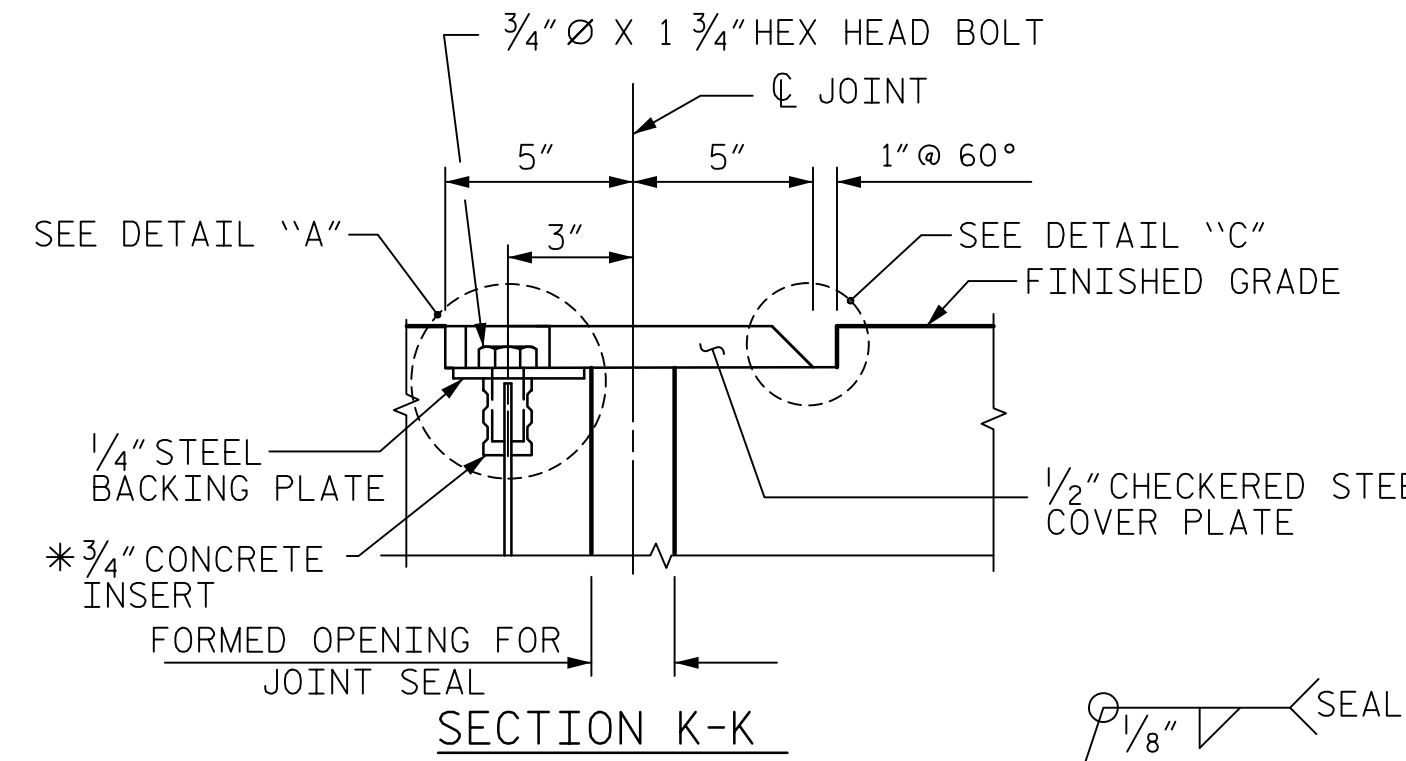
PLAN AT END BENT

DETAIL 'B'

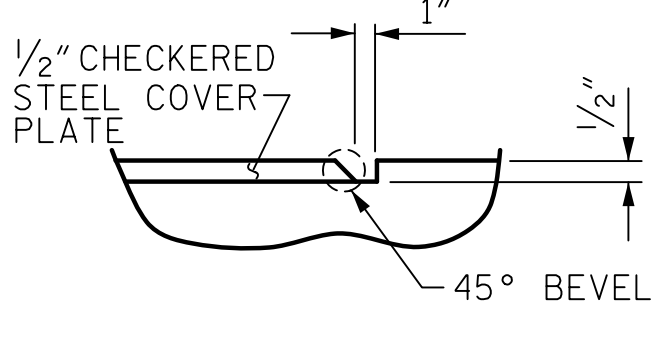
SIDEWALK COVER PLATE, ANCHOR BOLTS, BACKING PLATE, AND RECESS NOT SHOWN

COVER PLATE SYSTEM NOTES:

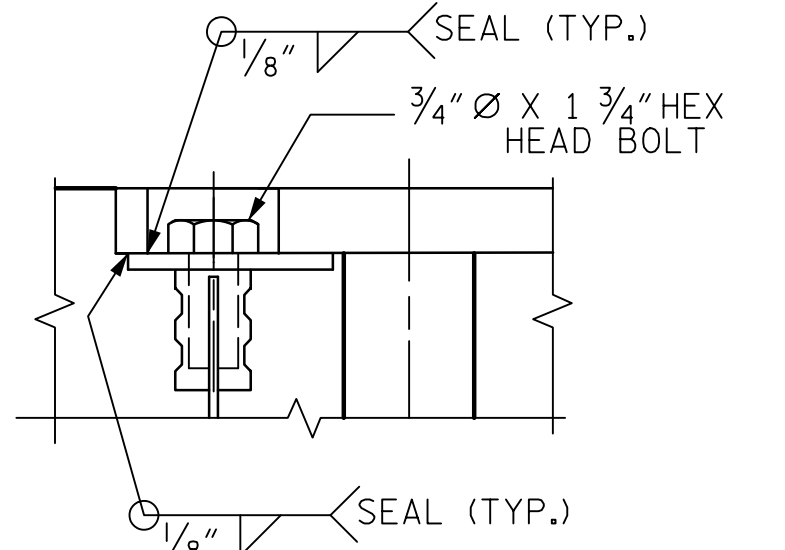
- * THE 3/4" CONCRETE INSERTS SHALL BE CLOSED-END FERRULES WITH LOOPED WIRE STRUTS ATTACHED TO THEM. THE INSERTS SHALL CONFORM TO AASHTO M169, GRADE 12L14 AND SHALL HAVE A TENSILE WORKING LOAD CAPACITY OF 3000 LBS.
- THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 36 OR APPROVED EQUAL. AFTER FABRICATION, THE PLATES SHALL BE COMMERCIALY BLAST CLEANED AND EITHER COATED WITH A MINIMUM THICKNESS OF 4 MILS (DRY) OF ZINC-RICH PAINT, GALVANIZED OR METALLIZED TO A MINIMUM THICKNESS OF 6 MILS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
- THE 3/4" DIAMETER HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.
- NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR "FOAM JOINT SEALS".



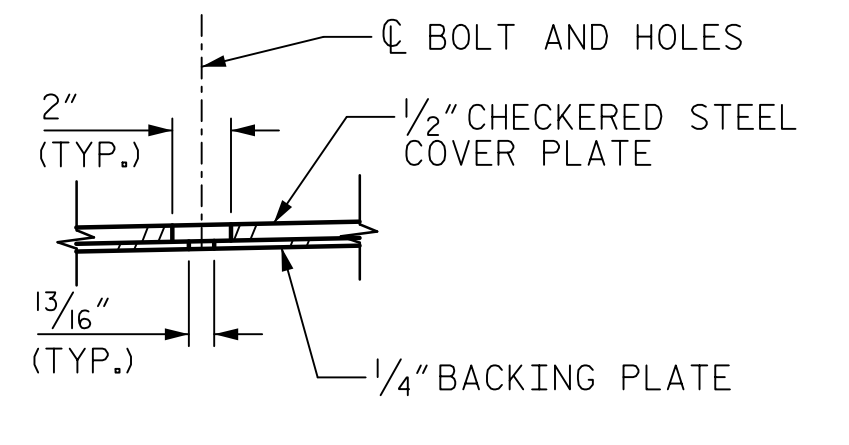
SECTION K-K



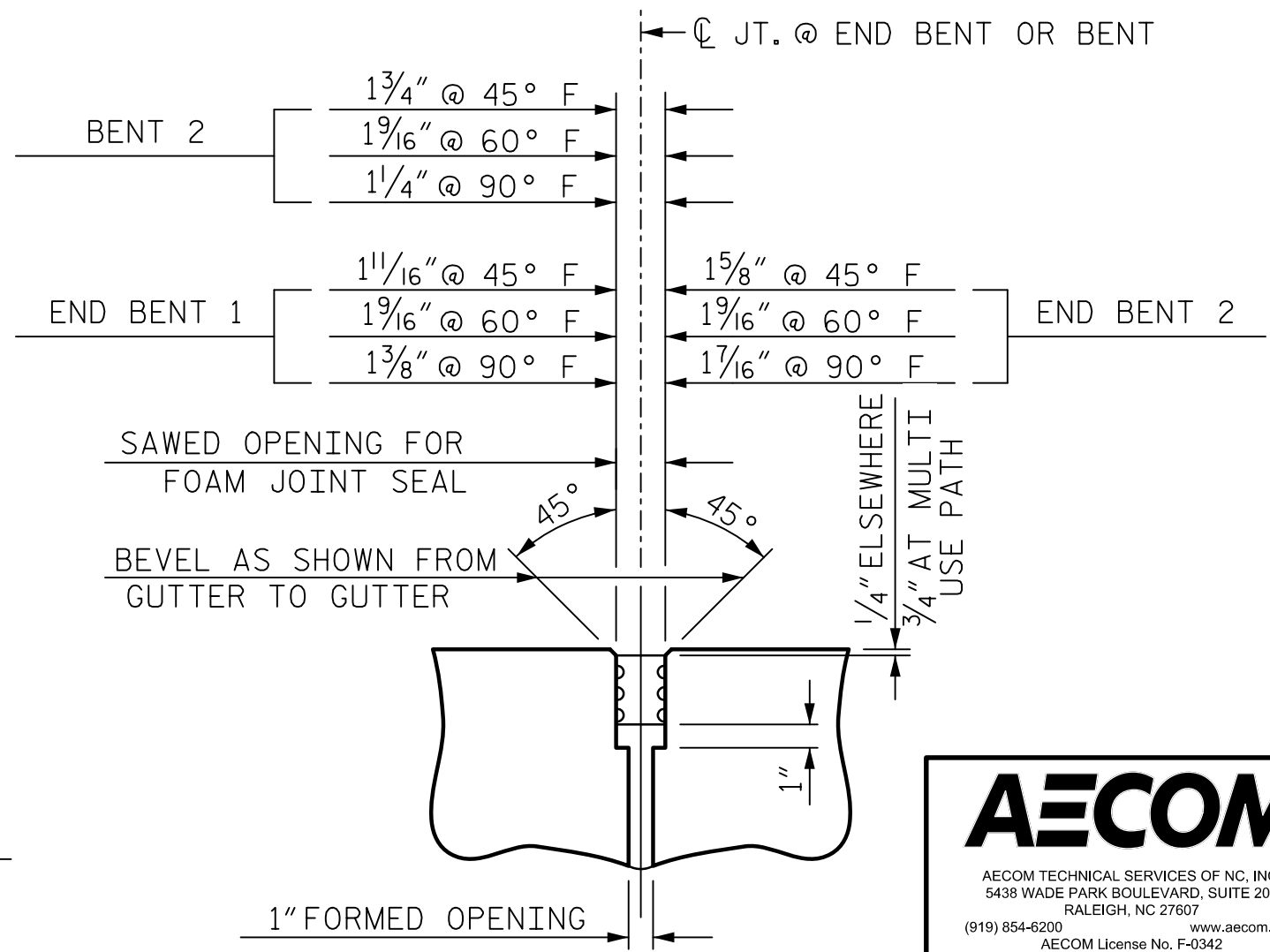
DETAIL 'C'



DETAIL 'A'



DETAIL 'D'

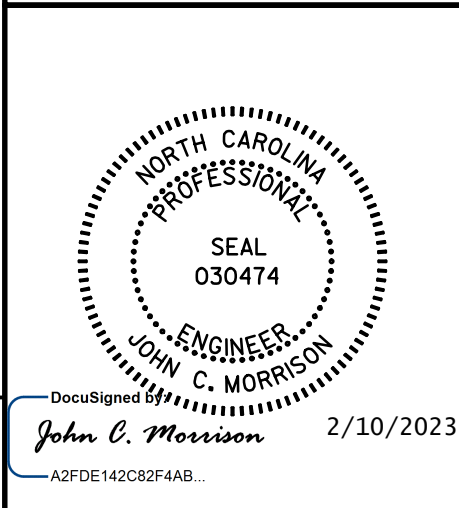


SECTION C-C
FOAM JOINT SEAL
(EXPANSION)

FOAM JOINT SEAL NOTES:

- THE NOMINAL UNCOMPRESSED SEAL WITH OF THE FOAM JOINT SEAL SHALL BE 2".
- FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.
- FOAM JOINT SEALS SHALL NOT BE INSTALLED UNTIL PC OVERLAY IS COMPLETE.
- ELASTOMERIC CONCRETE IS NOT REQUIRED.

PROJECT NO. U-5748
WAKE COUNTY
STATION: 24+88.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
FOAM JOINT SEAL
DETAILS
(NORTHBOUND LANES)

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-34	
1			3			TOTAL SHEETS	
2			4			119	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by: John C. Morrison 2/10/2023