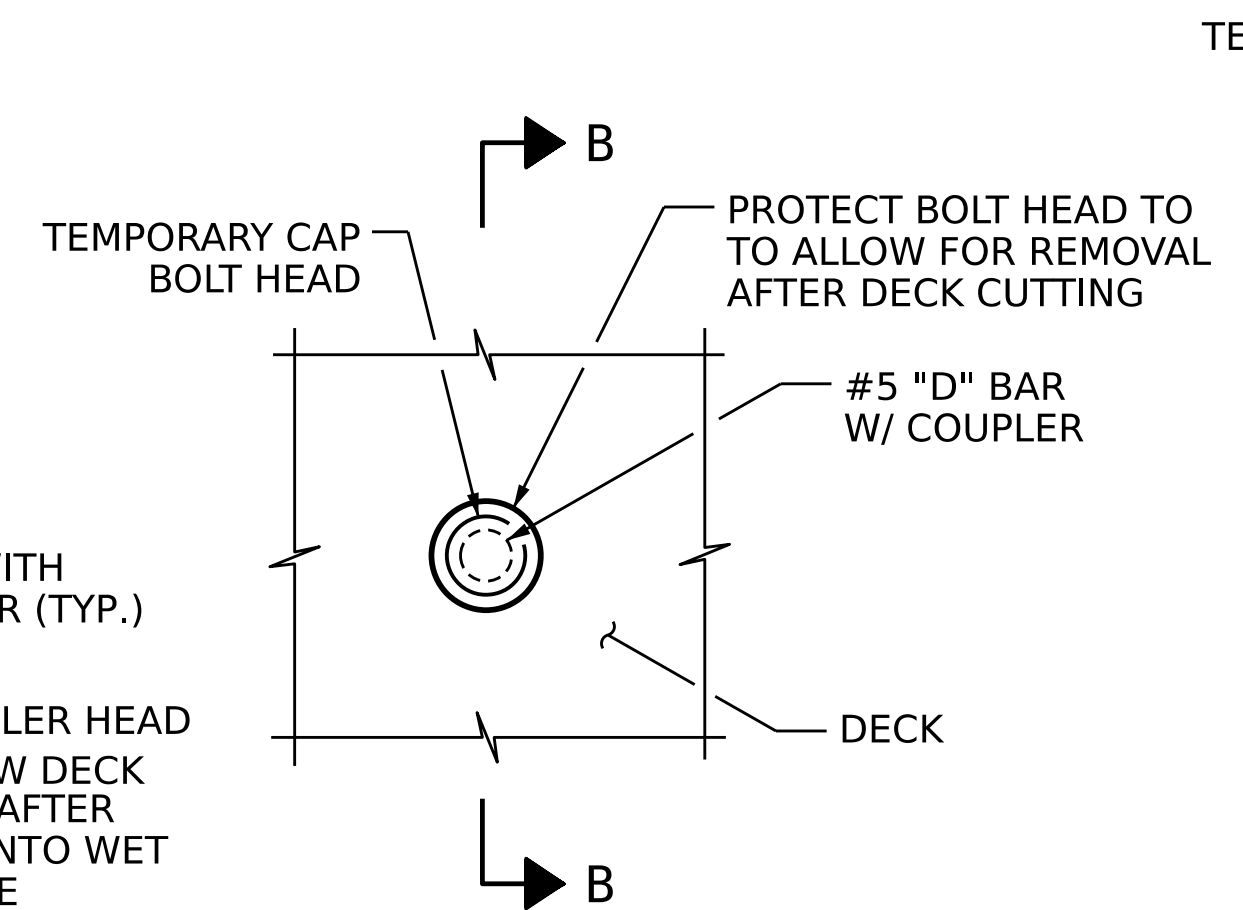
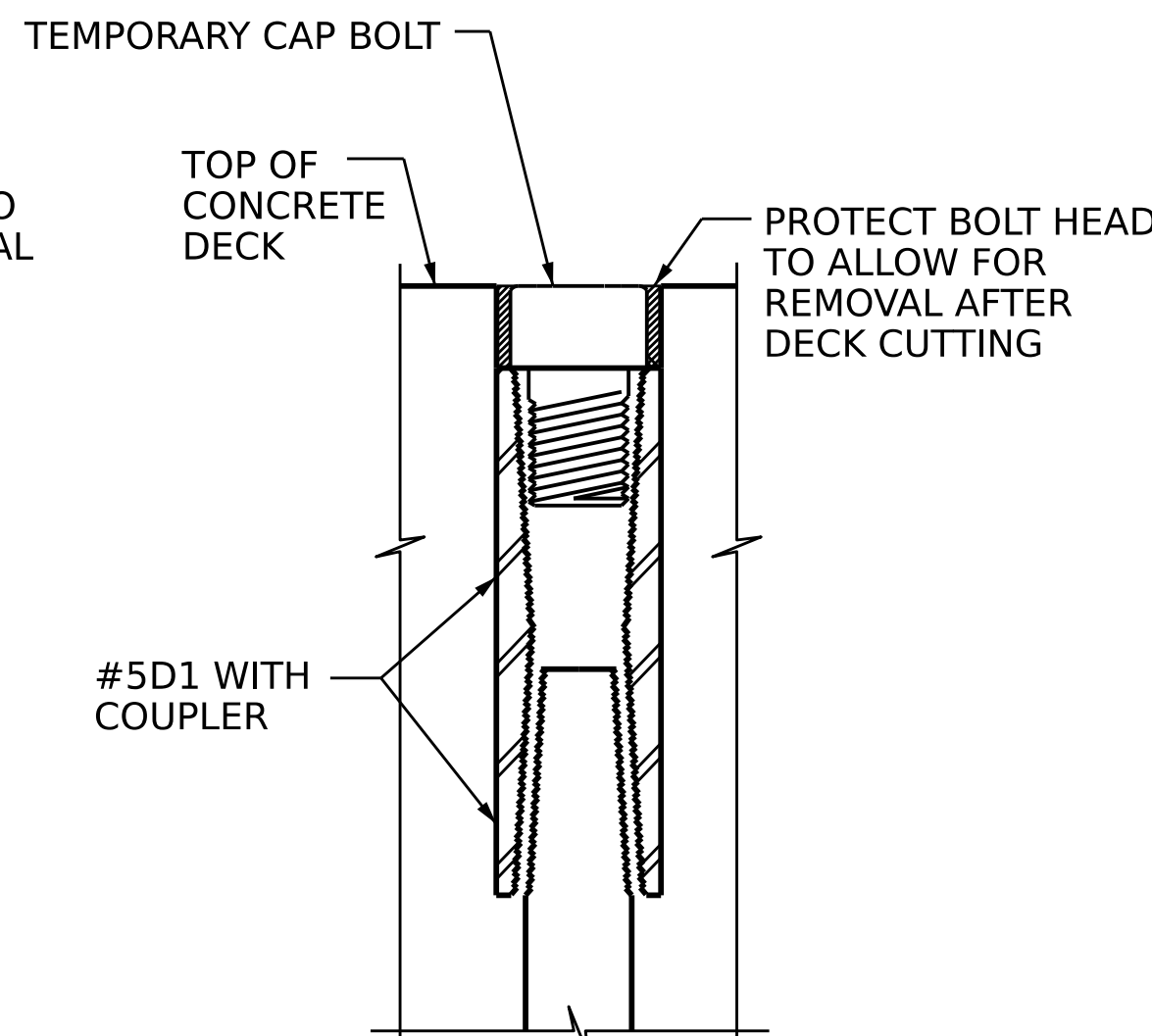


SECTION THRU DECK
SHOWN AFTER BARS PUSHED INTO GREEN CONCRETE AND #5D2 AND #5D3 UNTHREADED



VIEW A-A

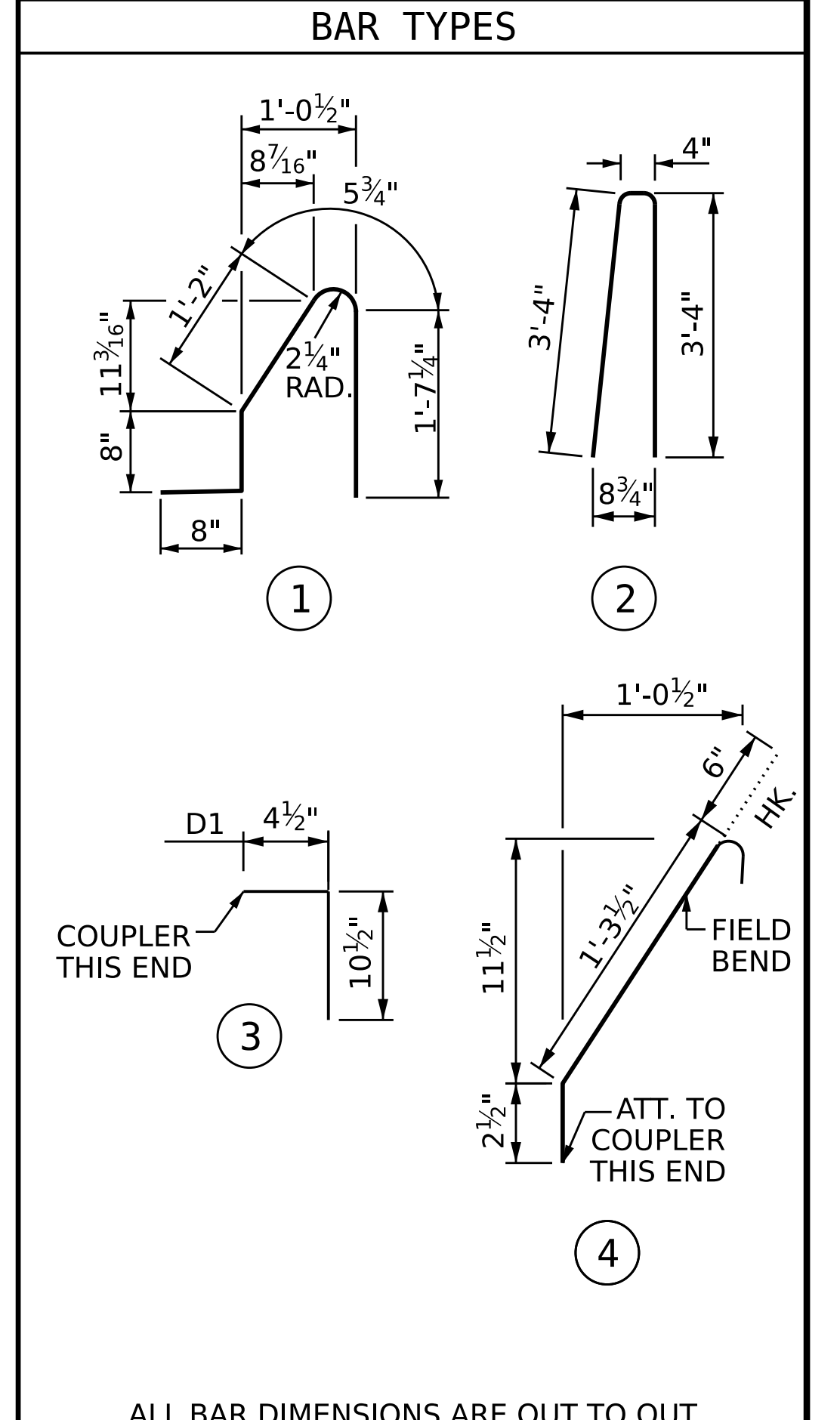


SECTION B-B

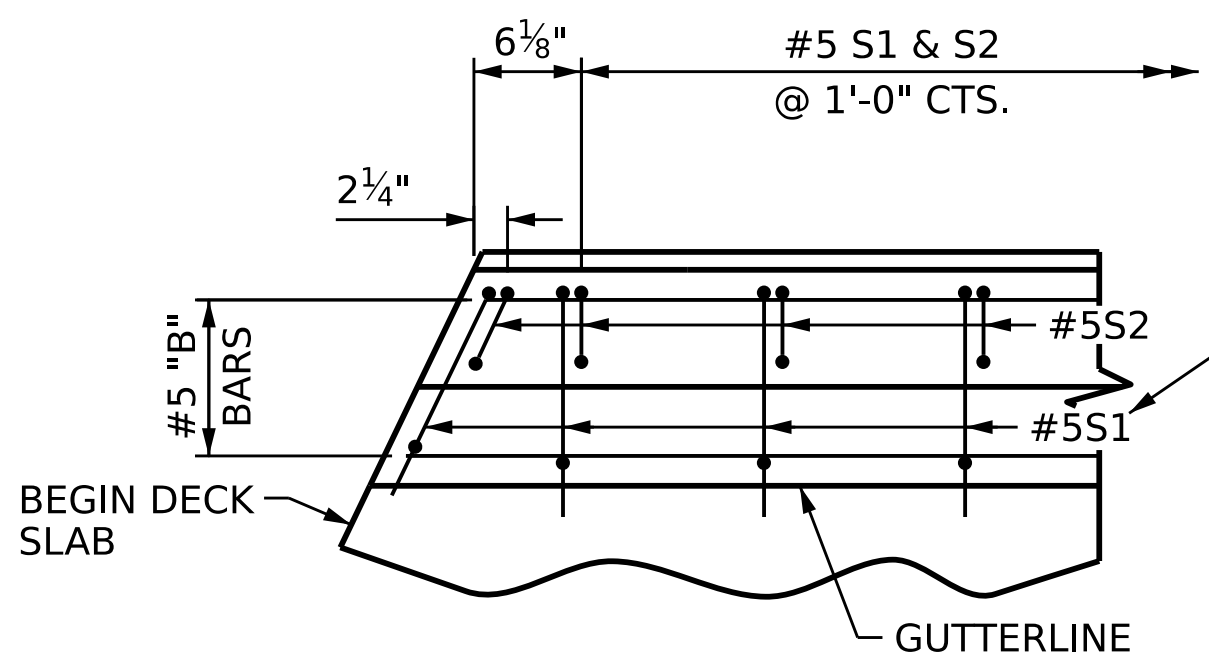
BARRIER COUPLER NOTES:

INSTALL TEMPORARY BOLT INTO COUPLER. BOLT SHALL NOT PROJECT ABOVE THE TOP OF THE DECK.
BOLT HEAD SHALL BE PROTECTED TO ALLOW FOR REMOVAL AFTER CURING OF DECK. ENGINEER SHALL APPROVE METHOD.
COST OF THE TEMPORARY BOLT AND SEALING THE BOLT ARE INCIDENTAL.

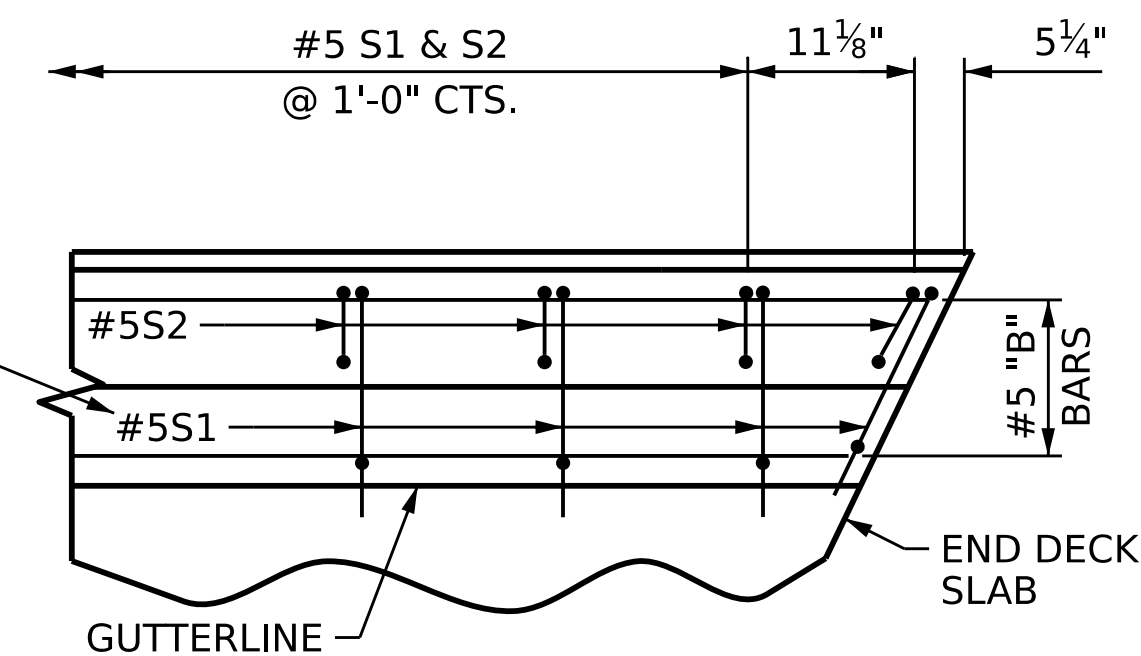
BILL OF MATERIAL					
CONCRETE BARRIER RAIL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	330	5	STR	19'-8"	6,769
* B2	66	5	STR	12'-6"	860
* B3	66	5	STR	9'-0"	620
* S1	474	5	1	4'-7"	2,266
* S2	711	5	2	7'-0"	5,191
* D1	474	5	3	1'-3"	618
* D2	237	5	4	2'-0"	494
* D3	237	5	STR	3'-3"	803
* EPOXY COATED REINFORCING STEEL					17,621 LBS.
CLASS AA CONCRETE					96.3 C.Y.
CONCRETE BARRIER RAIL					708.1 L.F.



ALL BAR DIMENSIONS ARE OUT TO OUT.

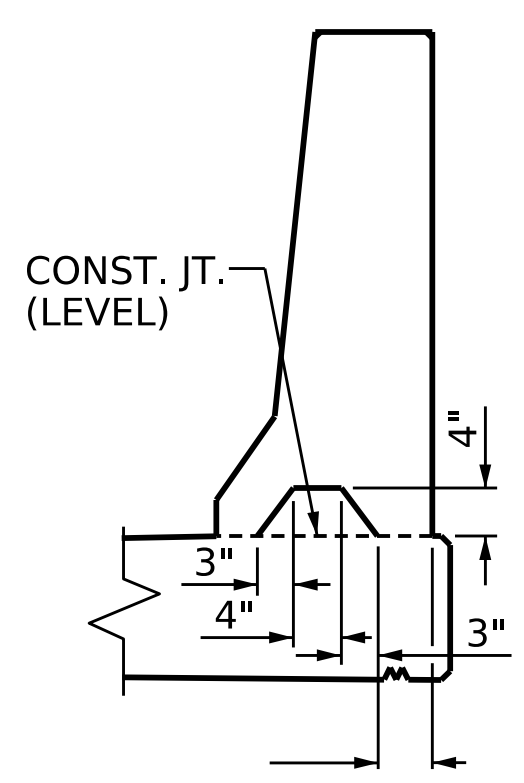


PLAN @ END BENT 1
(END BENT 2 SIMILAR BUT MIRRORED)

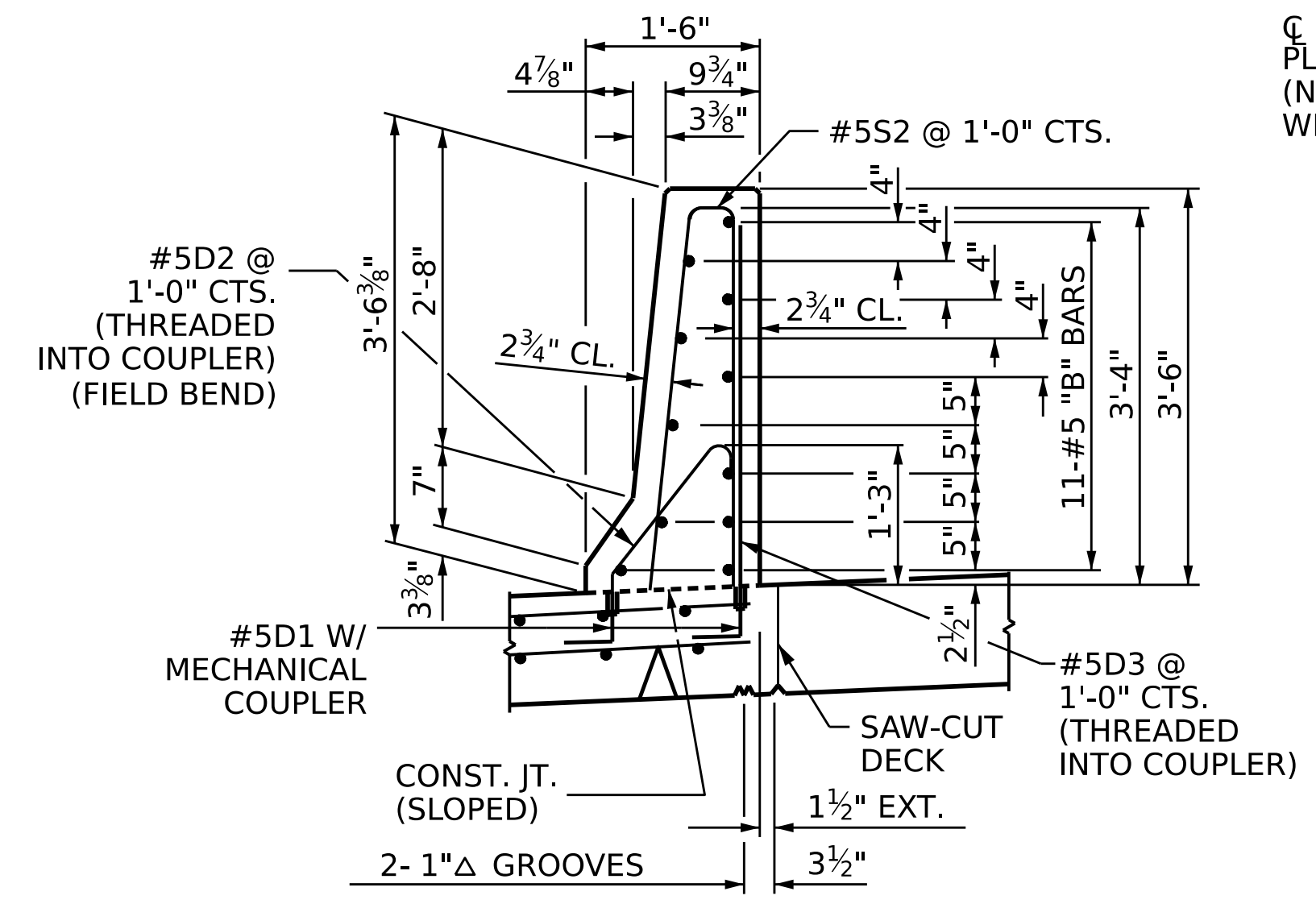


PLAN @ END BENT 2
(END BENT 1 SIMILAR BUT MIRRORED)

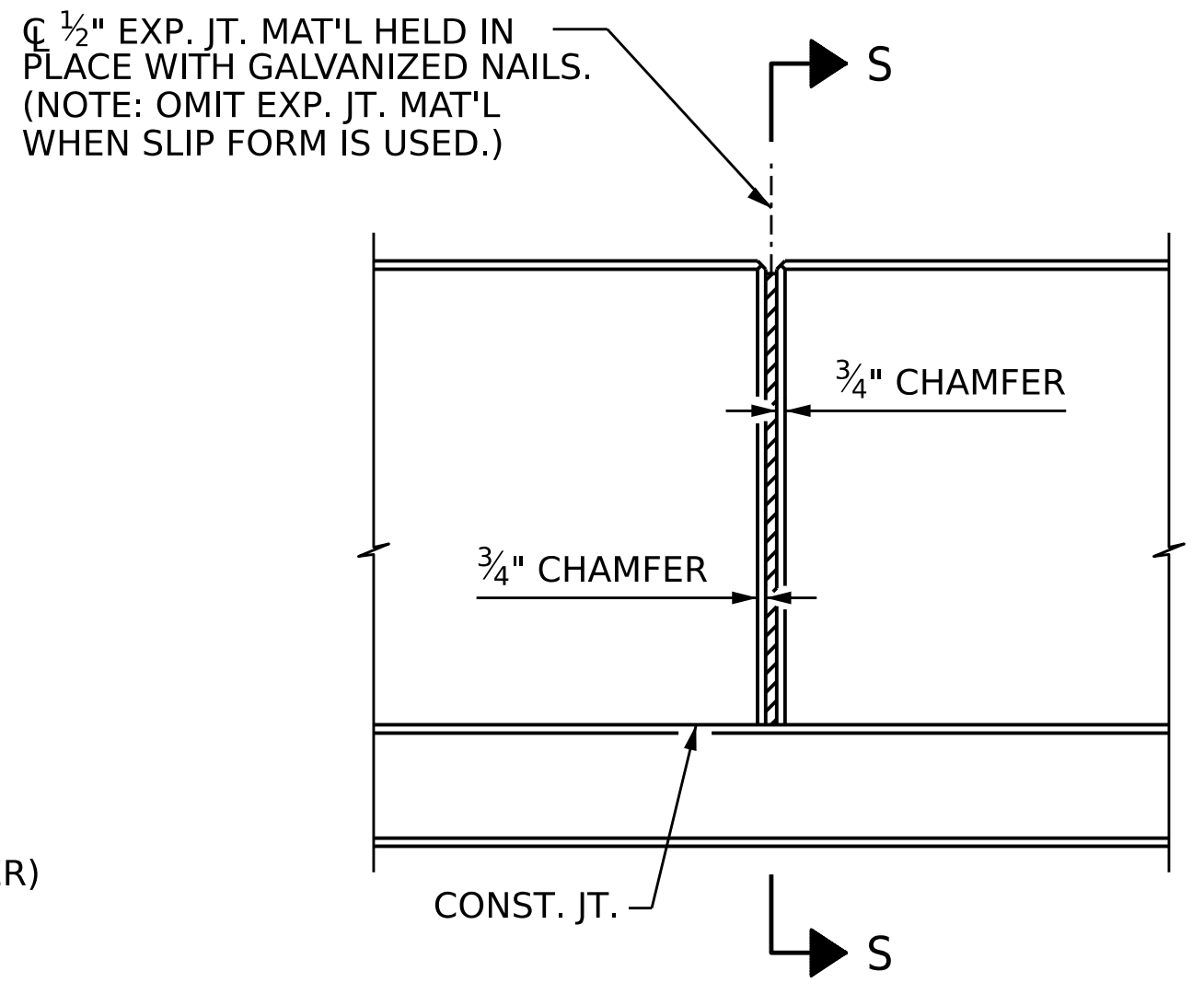
* FOR STAGE III CONCRETE BARRIER RAIL, S1 BARS ARE REPLACED WITH D1 (PAIRS), D2, AND D3 BARS



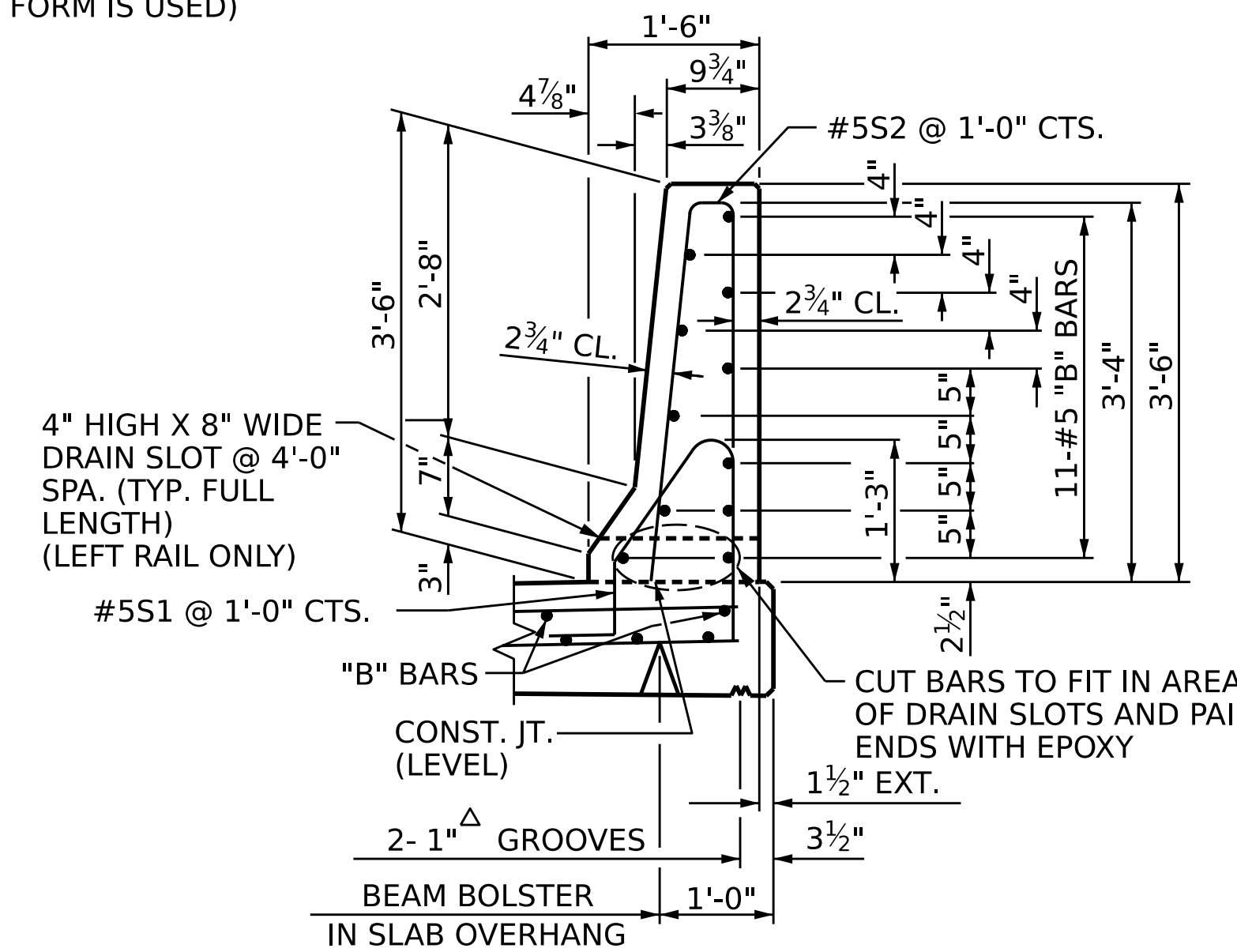
SECTION S-S
AT DAM IN OPEN JOINT (THIS IS TO BE USED ONLY WHEN SLIP FORM IS USED)



SECTION B-B
(RIGHT RAIL STAGE III)



ELEVATION AT EXPANSION JOINTS



SECTION A-A
(RIGHT RAIL STAGE I AND LEFT RAIL STAGE II)

BARRIER RAIL DETAILS

PROJECT NO. **B-3186 / B-5898**
HAYWOOD COUNTY
STATION: **24+70.00 -L LT-**
SHEET 2 OF 2

AECOM
AECOM TECHNICAL SERVICES OF NC, INC.
5438 WADE PARK BOULEVARD, SUITE 200
RALEIGH, NC 27607
(919) 854-6200 www.aecom.com
AECOM License No. F0242

DESIGNED BY: *[Signature]*
DATE: 04/19/23
CHECKED BY: *[Signature]*
DATE: 04/19/23

10/13/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-26
1			3			TOTAL SHEETS 50
2			4			

DRAWN BY: T.E. NEAL	DATE: 06/2023
CHECKED BY: J.C. MORRISON	DATE: 06/2023
DESIGN ENGINEER OF RECORD: D. TUTTLE	DATE: 06/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED