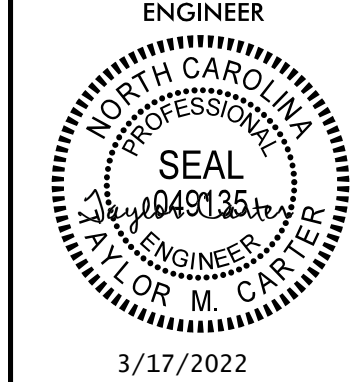

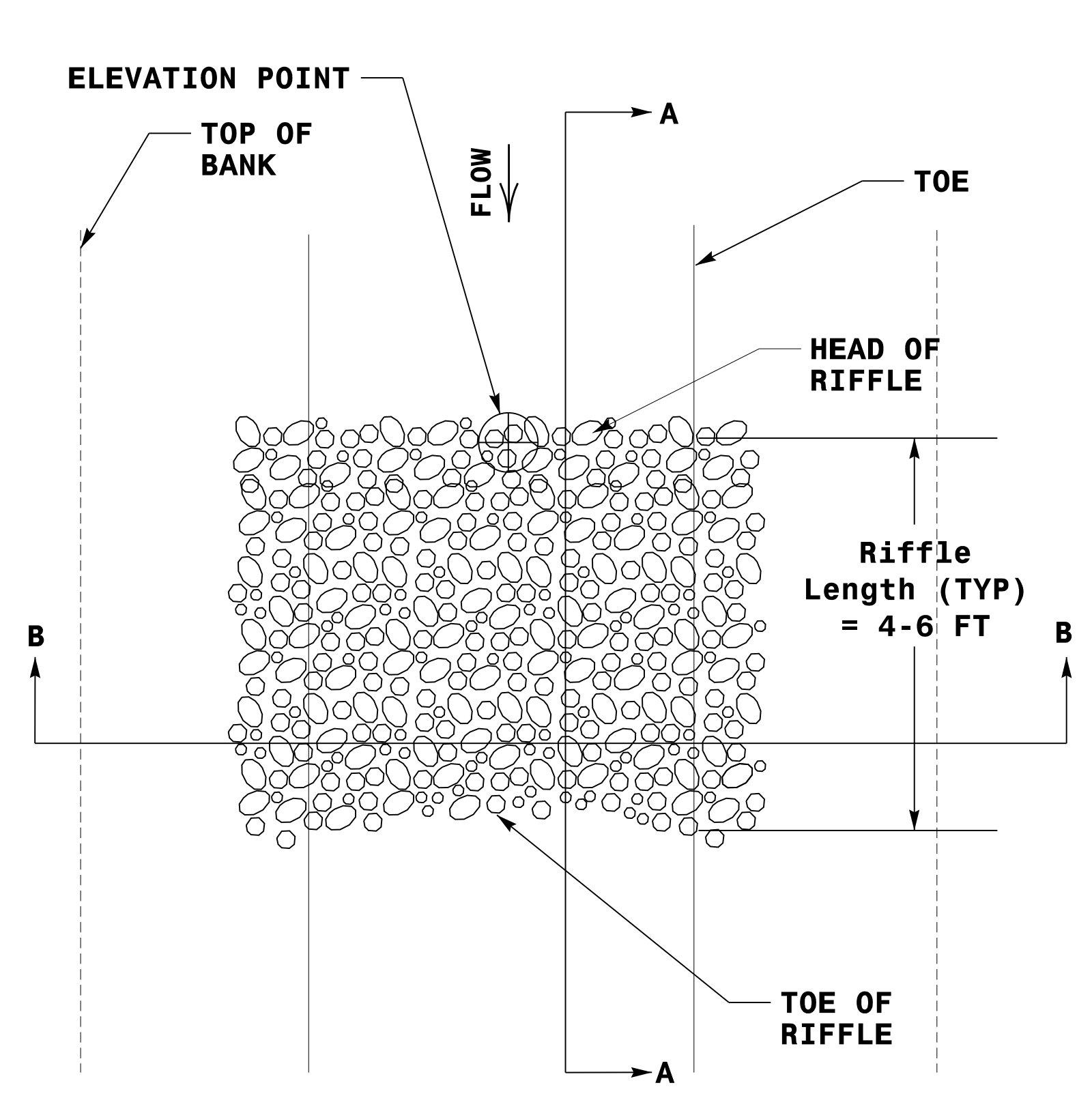
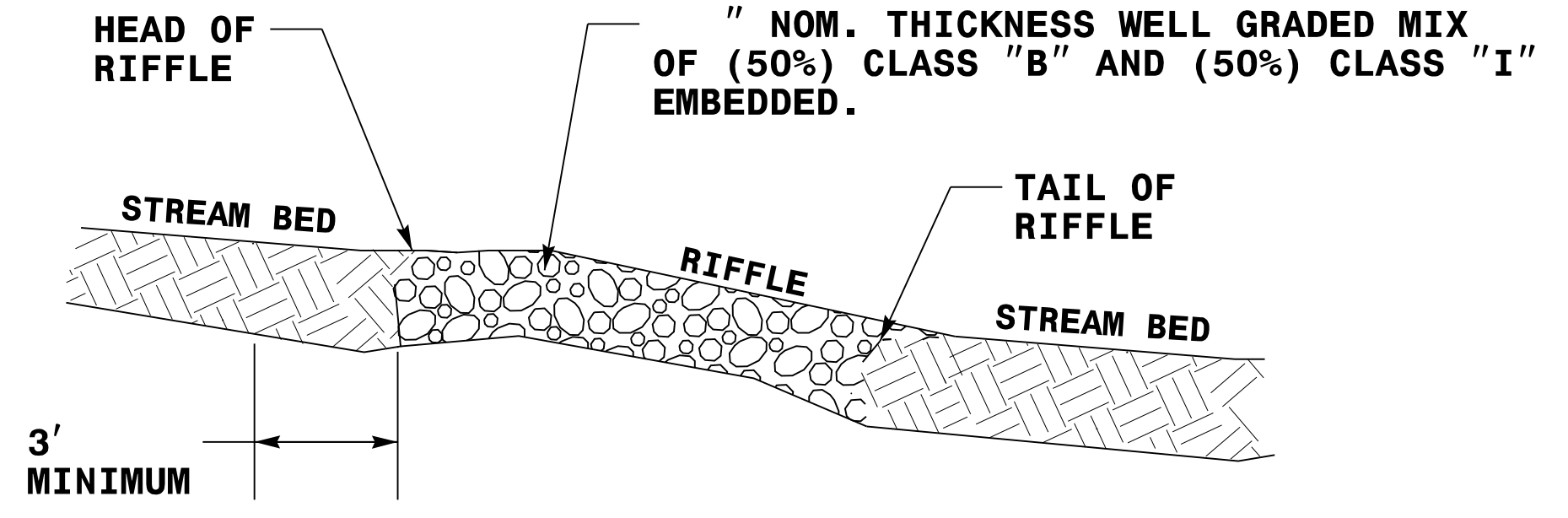


ENERGY REDUCTION RIFFLE

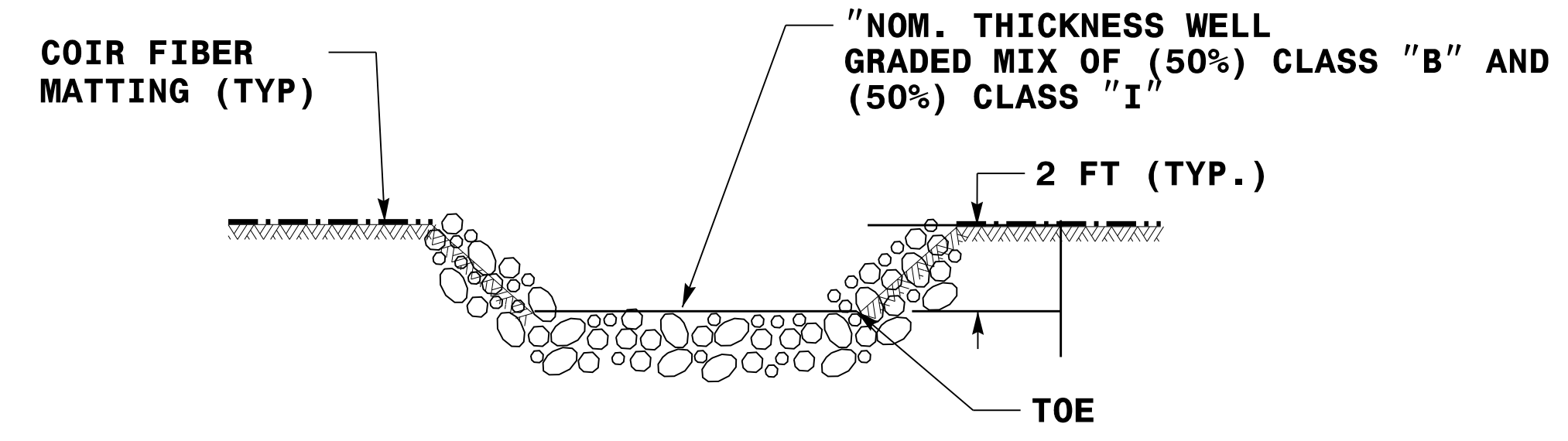
PROJECT REFERENCE NO. B-3186 / B-5898	SHEET NO. 2D-2
HYDRAULICS ENGINEER  3/17/2022	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St. Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



PLAN VIEW



SECTION A-A



SECTION B-B

STATION	ELEVATION
43+32 RT -L-	2566.3 FT
44+12 RT -L-	2567.8 FT
44+45 RT -L-	2568.0 FT
44+95 RT -L-	2568.5 FT
45+45 RT -L-	2569.3 FT
46+45 RT -L-	2570.6 FT
47+45 RT -L-	2571.8 FT
48+45 RT -L-	2572.8 FT
49+45 RT -L-	2573.9 FT
50+43 RT -L-	2574.3 FT
50+95 RT -L-	2575.3 FT
51+45 RT -L-	2576.6 FT
51+95 RT -L-	2578.0 FT
52+45 RT -L-	2579.5 FT
52+45 RT -L-	2580.9 FT
53+90 RT -L-	2584.6 FT
54+11 RT -L-	2585.6 FT
54+34 RT -L-	2586.9 FT

QUANTITY ESTIMATE PER E.R.R.
 EST. 5 TONS CLASS B RIP RAP
 EST. 5 TONS CLASS I RIP RAP

NOTE
 SEE TABLE FOR ELEVATION POINT DATA
 PER STRUCTURE ON PLANS
 EACH STRUCTURE EMBEDDED IN ORDER TO NOT
 IMPEDE AQUATIC ORGANISM PASSAGE
 OPTION FOR INCLUDING LIVE STAKES ON FLOODPLAIN
 BENCHES. SEE STREAMBANK REFORESTATION DETAIL.
 NATIVE MATERIAL IS SUBJECT TO APPROVAL BY THE
 ENGINEER AND MAY BE SUBJECT TO PERMIT CONDITIONS.

PLOT DRIVER: NCDOT...color_eng_50.plt
 USER: TCARTER
 DATE: 3/10/2022
 TIME: 9:59:26 AM
 FILE: NCDOT\NCDOT-B3186-T02.c...6.0.CAD.BIM\6.2.Work_In_Progress\B-3186-B-5898\Drainage\B3186-B5898-HYD.DETA\I.S.dgn

REVISIONS