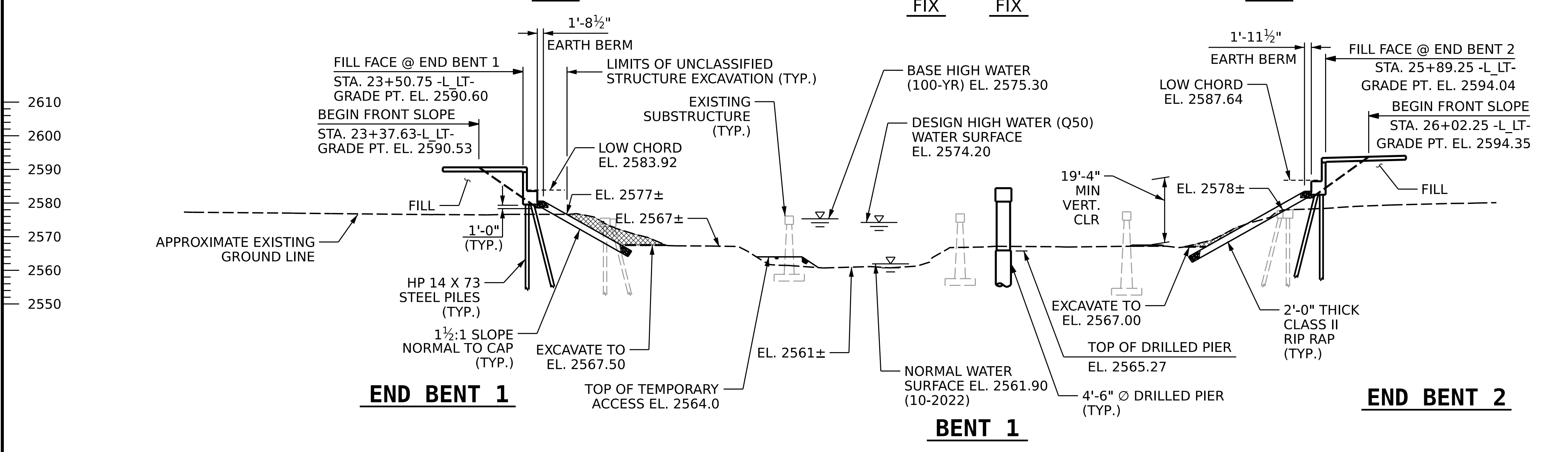


22+50 23+00 23+50 24+00 24+50 25+00 25+50 26+00 26+50

(-)5.4970% (+)3.7074%
PI = 21+50.00
EL. = 2576.43'
VC = 1260'

GRADE DATA -L LT-



I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

UNCLASSIFIED STRUCTURE EXCAVATION

HYDROGRAPHIC DATA

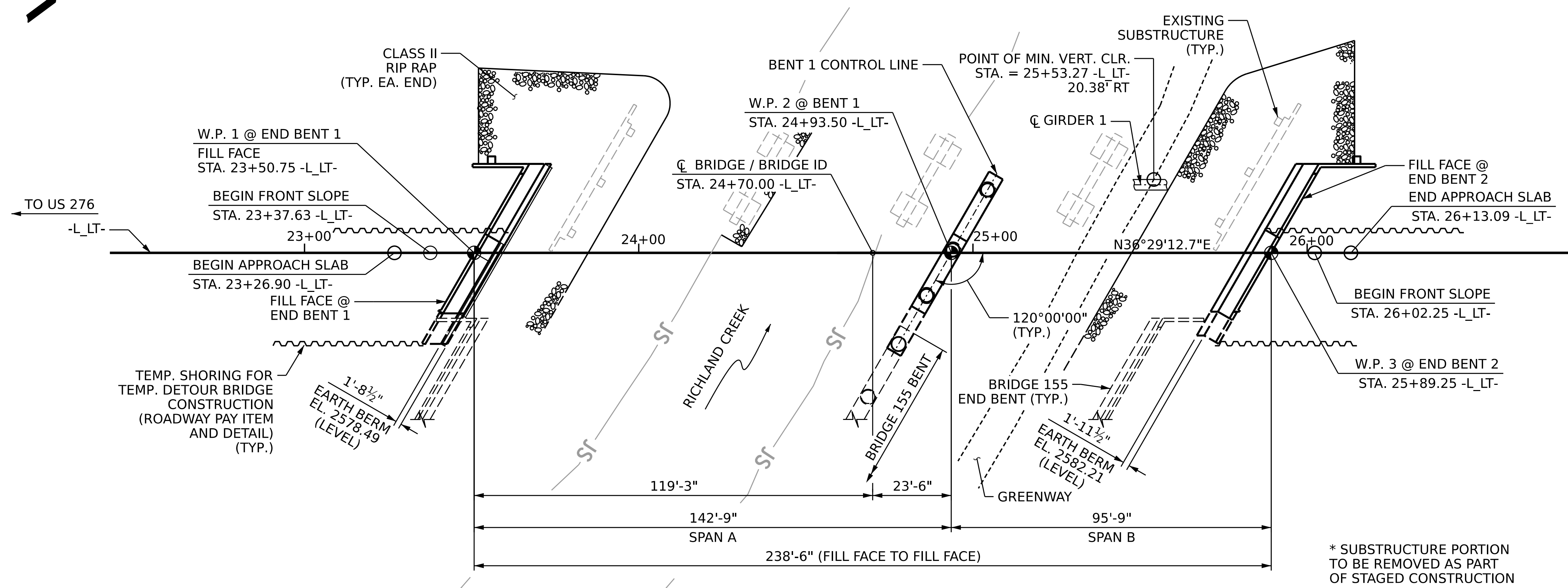
DESIGN DISCHARGE = 8,700 CFS
FREQUENCY OF DESIGN FLOOD = 50 YR.
DESIGN HIGH WATER ELEVATION = 2574.2
DRAINAGE AREA = 56.9 SQ. MI.
BASE DISCHARGE (Q100) = 10,300 CFS
BASE HIGH WATER ELEVATION = 2575.3

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE = 42,000 CFS
FREQUENCY OF OVERTOPPING FLOOD = + 500 YR.
OVERTOPPING FLOOD ELEVATION AT STA. 22+72.00 -L_LT- = 2591.8 FT.

SECTION ALONG -L-

(SECTIONS AT BENTS AND END BENTS ARE AT RIGHT ANGLES)



PROJECT NO. B-3186 / B-5898
HAYWOOD COUNTY
STATION: 24+70.00 -L_LT-
SHEET 1 OF 4 REPLACES BRIDGE NO. 430158

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON US74 WB/ US23 SB
OVER RICHLAND CREEK BETWEEN
US276 AND US19

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. **S3-01**
TOTAL SHEETS 50

DRAWN BY : M.L. CATER DATE : 04/2023
CHECKED BY : D. TUTTLE DATE : 04/2023
DESIGN ENGINEER OF RECORD: D. TUTTLE DATE : 06/2023

PLAN
(END BENT PILES NOT SHOWN FOR CLARITY)

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED