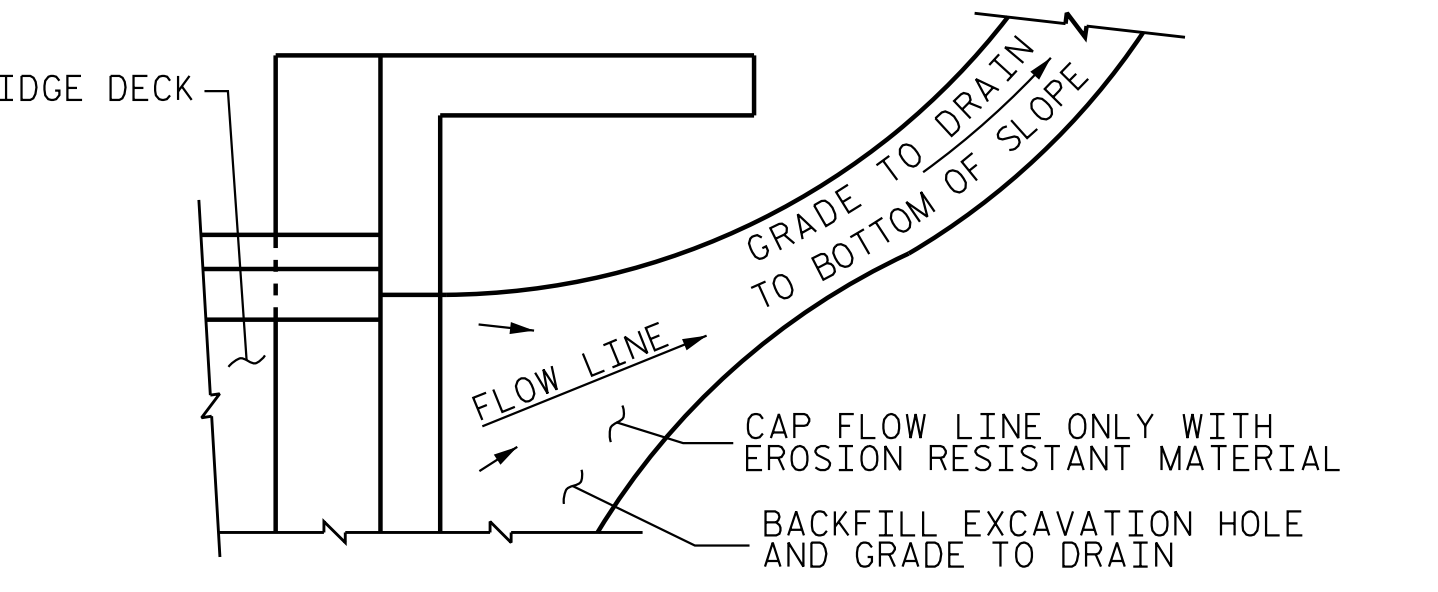
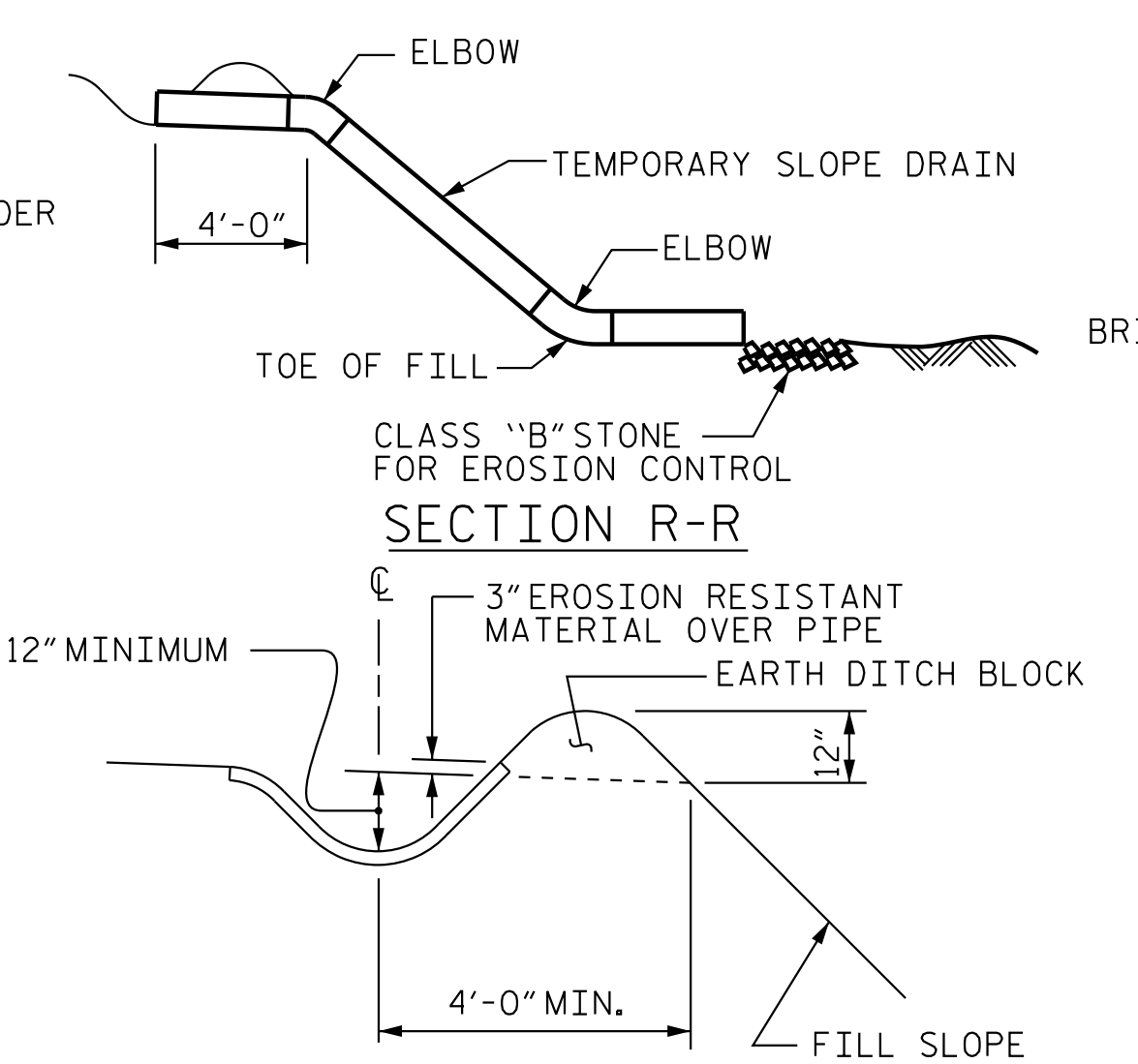
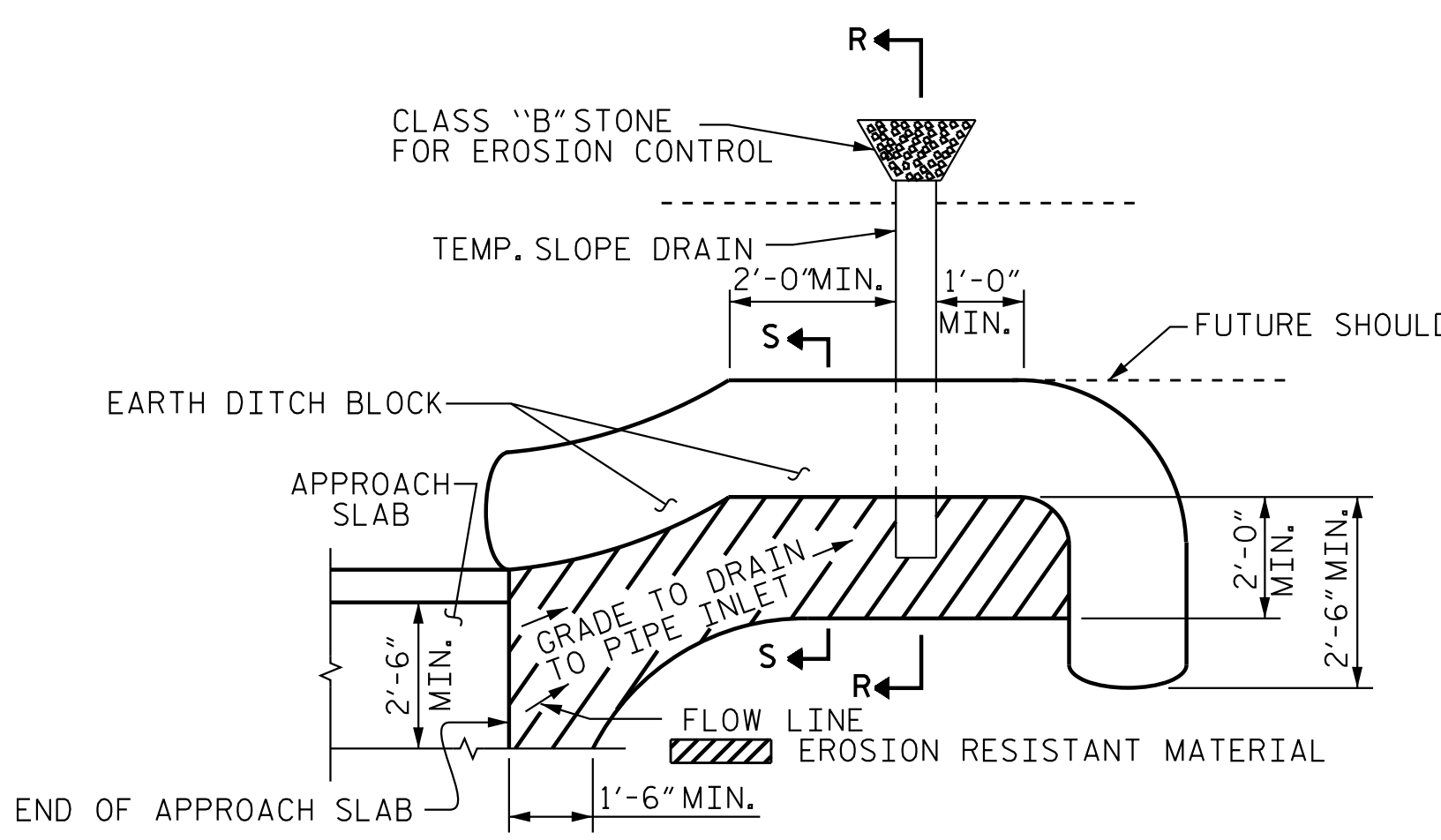


CHORD OFFSETS



NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 2" DEPTH, 2) EROSION CONTROL MAT, OR 3) CONCRETE, AS DIRECTED BY THE ENGINEER. THE SLOPE DRAIN SHALL CONSIST OF A NON-PERFORATED TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.

NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

TEMPORARY BERM AND SLOPE DRAIN DETAILS
(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PROJECT NO. R-2707D
CLEVELAND COUNTY
STATION: 36+78.38 -RAMP A-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
BRIDGE APPROACH
SLAB DETAILS



DocuSigned by:
Victor E. Fraga
11/20/2023

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-43	
1			3			TOTAL SHEETS	
2			4			43	

Stantec
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Fax. (919) 851-7024
www.stantec.com
License No. F-0672

DESIGN ENGINEER OF RECORD: V. E. FRAGA DATE: 05/09/23

ASSEMBLED BY: K. A. WOYAHN DATE: 12/19/22
CHECKED BY: M. B. ISENHOUR DATE: 01/09/23

DRAWN BY: FCJ 11/88
CHECKED BY: ARB 11/88

REV. 6/13 MAA/GM
REV. 12/17 MAA/THC
REV. 5/18 MAA/THC