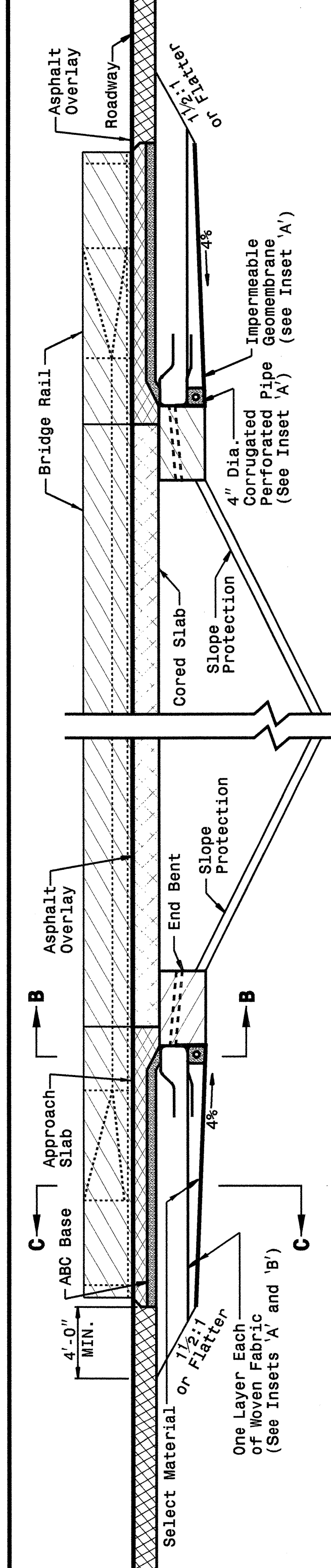
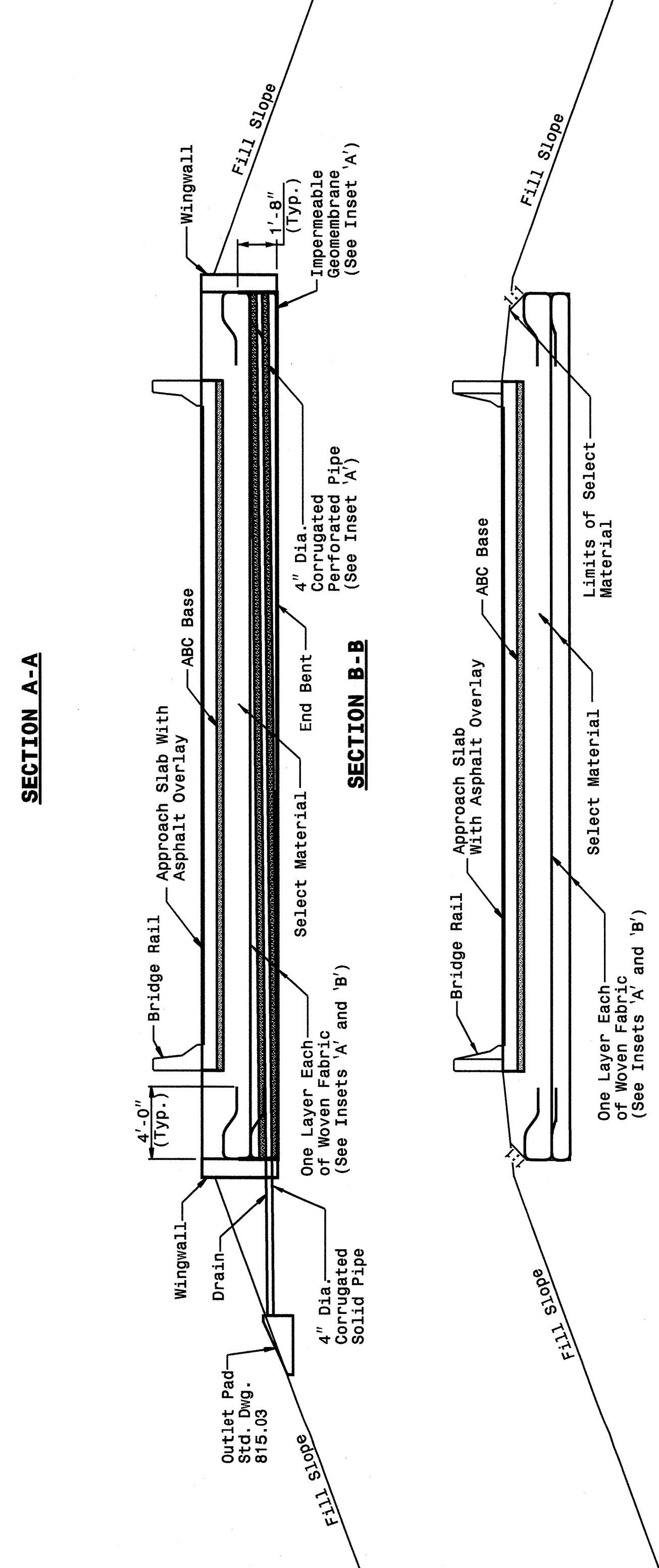


07: APR 2004 16:52  
 W:\APR 2004\16:52\stds\enlish\422d10\422d10.dgn  
 enlish  
 AT 03:21:26

STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.



ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 CORED SLAB BRIDGES



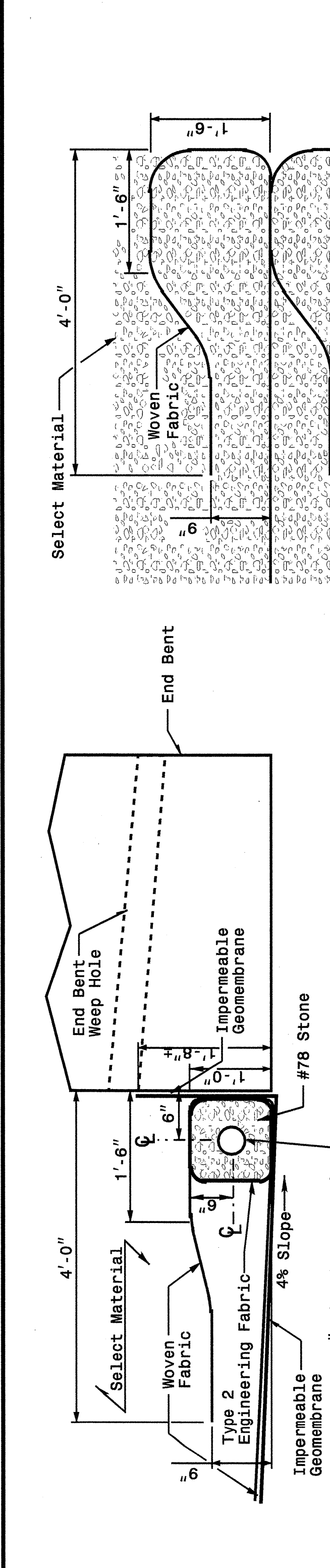
STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 CORED SLAB BRIDGES

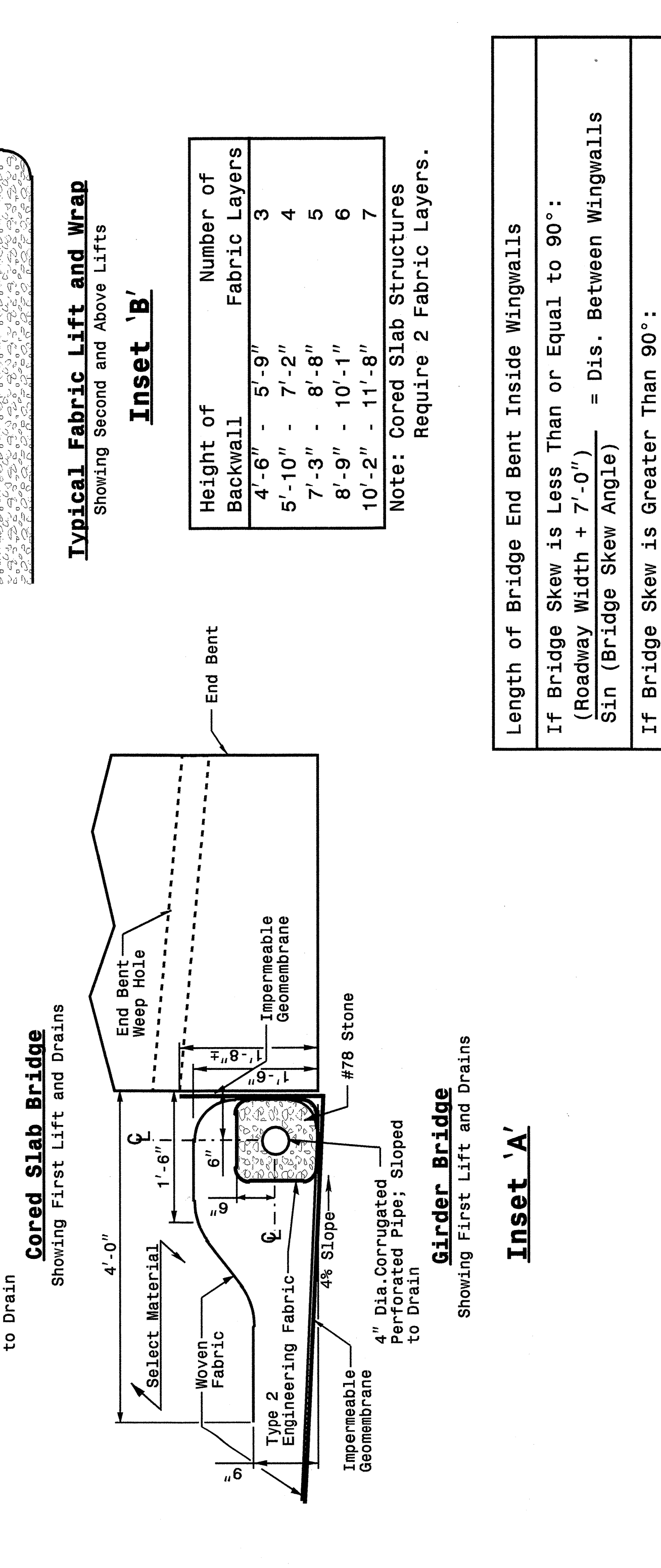
SHEET 3 OF 4  
**422D10**

SHEET 3 OF 4  
**422D10**

STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.



ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 INSETS AND CHARTS



STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 INSETS AND CHARTS

SHEET 4 OF 4  
**422D10**

SHEET 4 OF 4  
**422D10**

**Length of Bridge End Bent Inside Wingwalls**  
 If Bridge Skew is Less Than or Equal to 90°:  
 (Roadway Width + 7'-0")  
 Sin (Bridge Skew Angle) = Dis. Between Wingwalls

If Bridge Skew is Greater Than 90°:  
 (Roadway Width + 7'-0")  
 Cos (Bridge Skew Angle - 90°) = Dis. Between Wingwalls

**DESIGN SERVICES UNIT**  
**STANDARDS AND SPECIAL DESIGN**  
 Office 919-250-4128 FAX 919-250-4119

**SEE PLATE FOR TITLE**

ORIGINAL BY: 2002 STANDARDS DATE: 01-15-02  
 MODIFIED BY: E.E. WARD DATE: 03-26-03  
 CHECKED BY: DATE: 4-12-04  
 FILE SPEC.: stds/02stdstdetails/english/422d10.dgn

