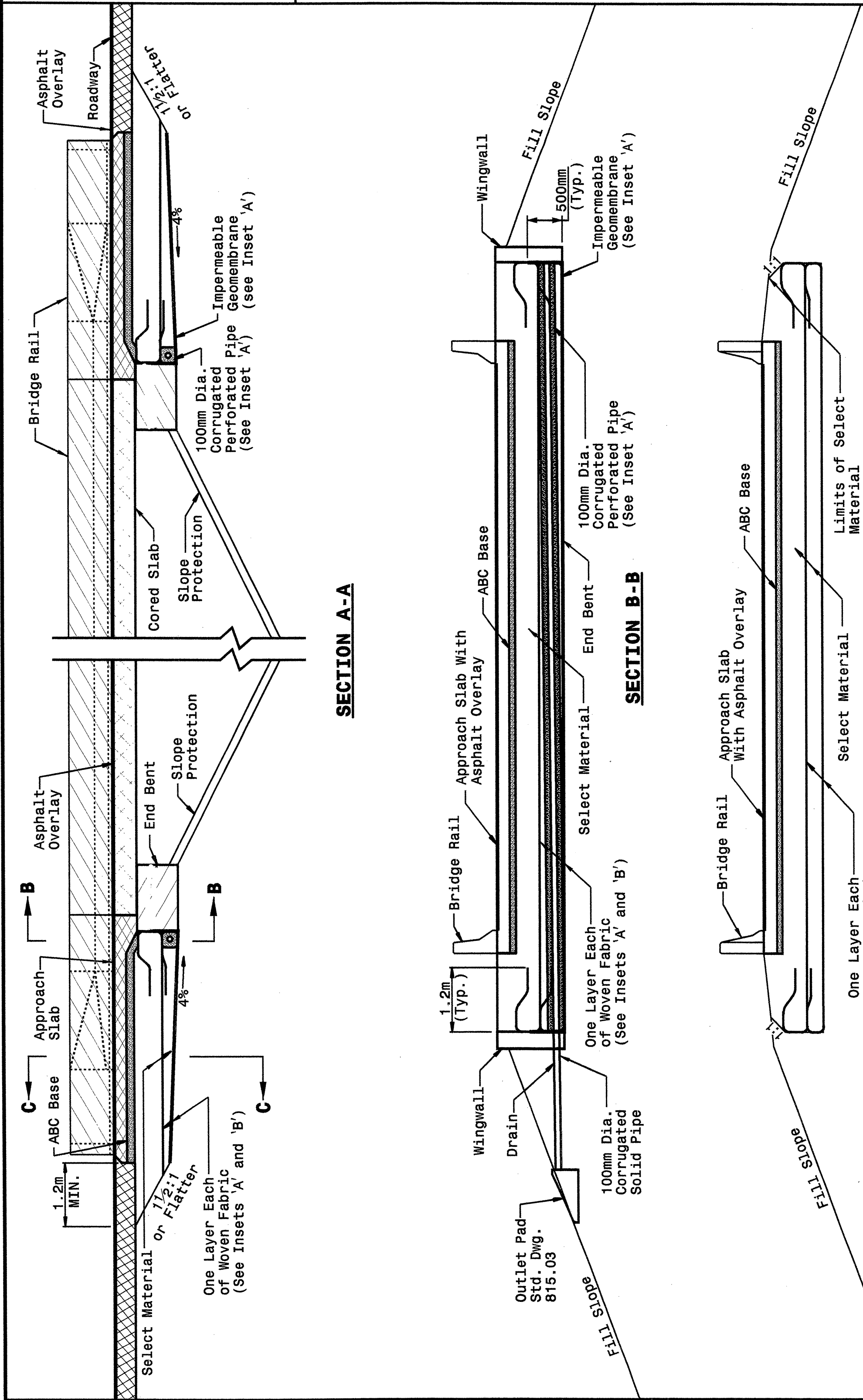


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 ericward AT 05/21/2004

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

METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 CORED SLAB BRIDGES

SHEET 3 OF 4
422D10



Note:
 This drawing is dimensioned in
 millimeters unless otherwise
 depicted within the drawing.

STATE OF
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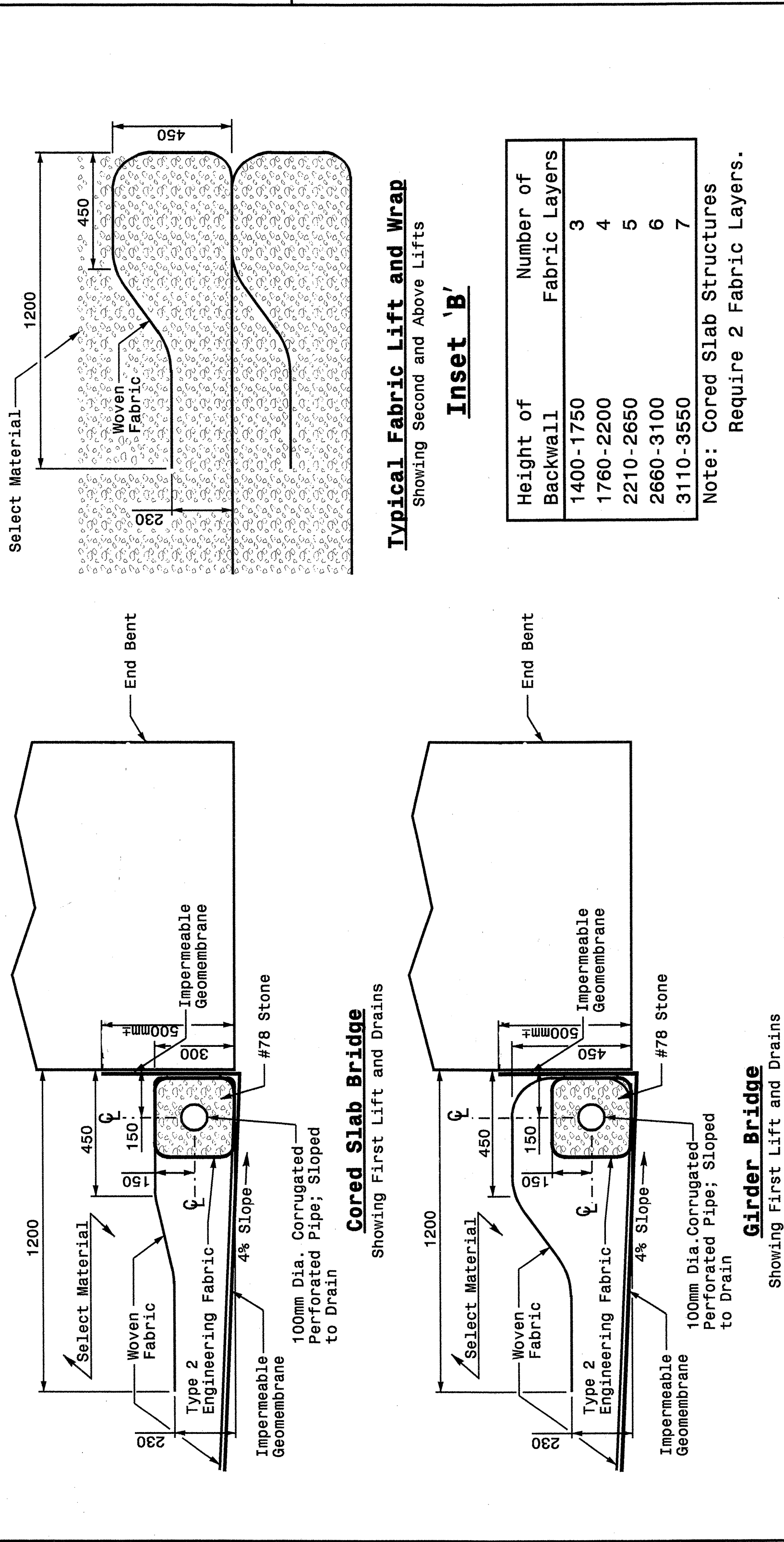
METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 CORED SLAB BRIDGES

SHEET 3 OF 4
422D10

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METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 4 OF 4
422D10



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METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 4 OF 4
422D10

Typical Fabric Lift and Wrap
 Showing Second and Above Lifts
Inset 'B'

| Height of Backwall | Number of Fabric Layers |
|--------------------|-------------------------|
| 1400-1750 | 3 |
| 1760-2200 | 4 |
| 2210-2650 | 5 |
| 2660-3100 | 6 |
| 3110-3550 | 7 |

Note: Cored Slab Structures
 Require 2 Fabric Layers.

Length of Bridge End Bent Inside Wingwalls
 If Bridge Skew is Less Than or Equal to 90°:
 (Roadway Width + 2140mm) / Sin (Bridge Skew Angle) = Dis. Between Wingwalls
 If Bridge Skew is Greater Than 90°:
 (Roadway Width + 2140mm) / 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: 04-07-04
 CHECKED BY: C.B. WARD DATE: 4-12-04
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