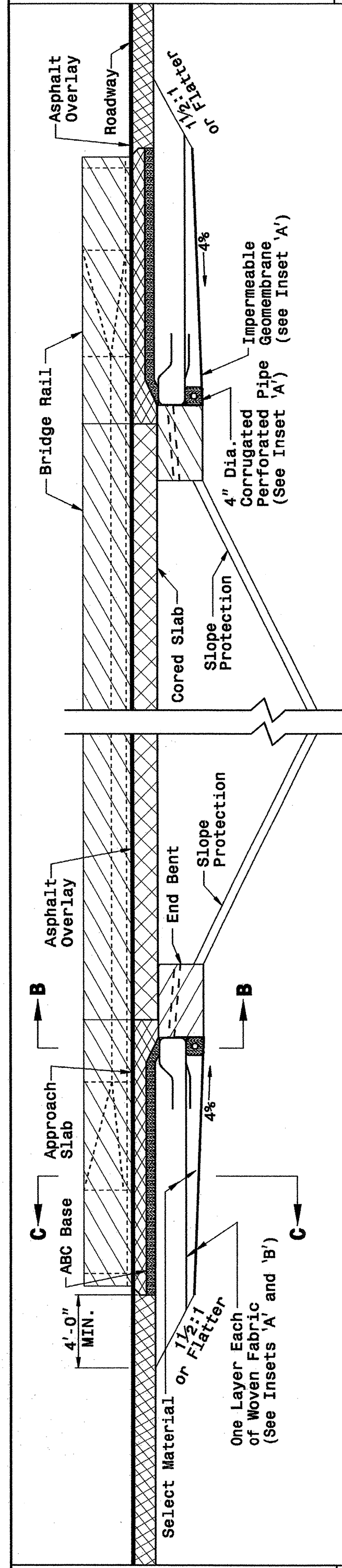


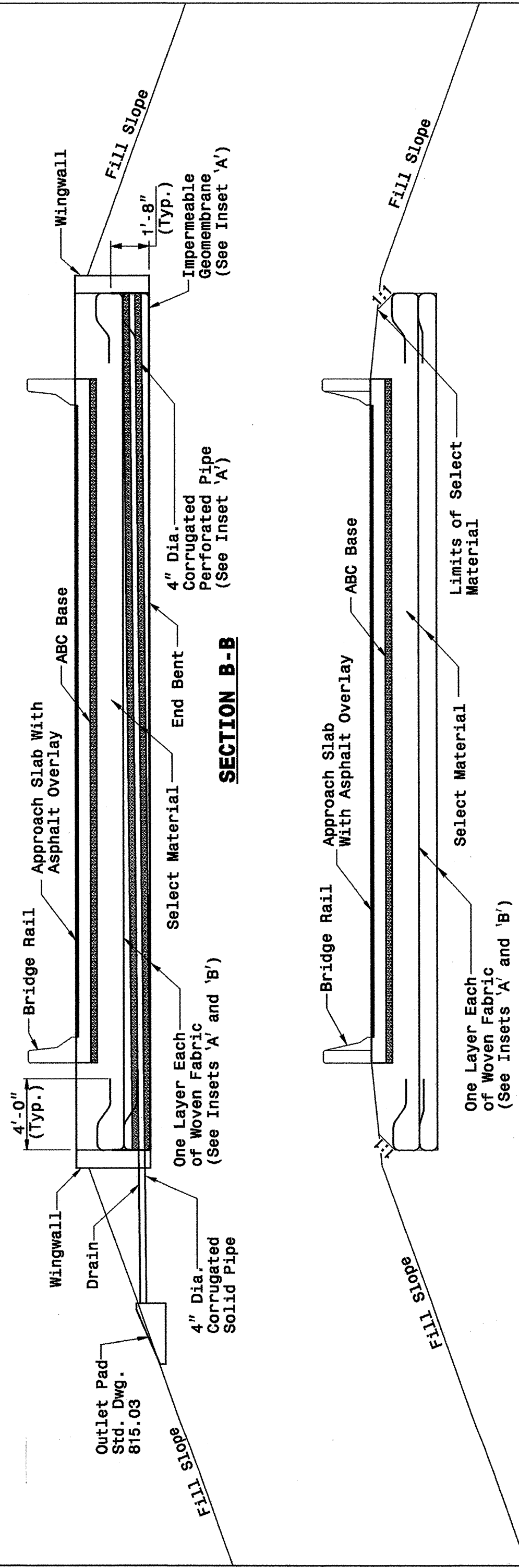
STATE OF
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 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 CORED SLAB BRIDGES

SHEET 3 OF 4
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SECTION A-A



SECTION C-C

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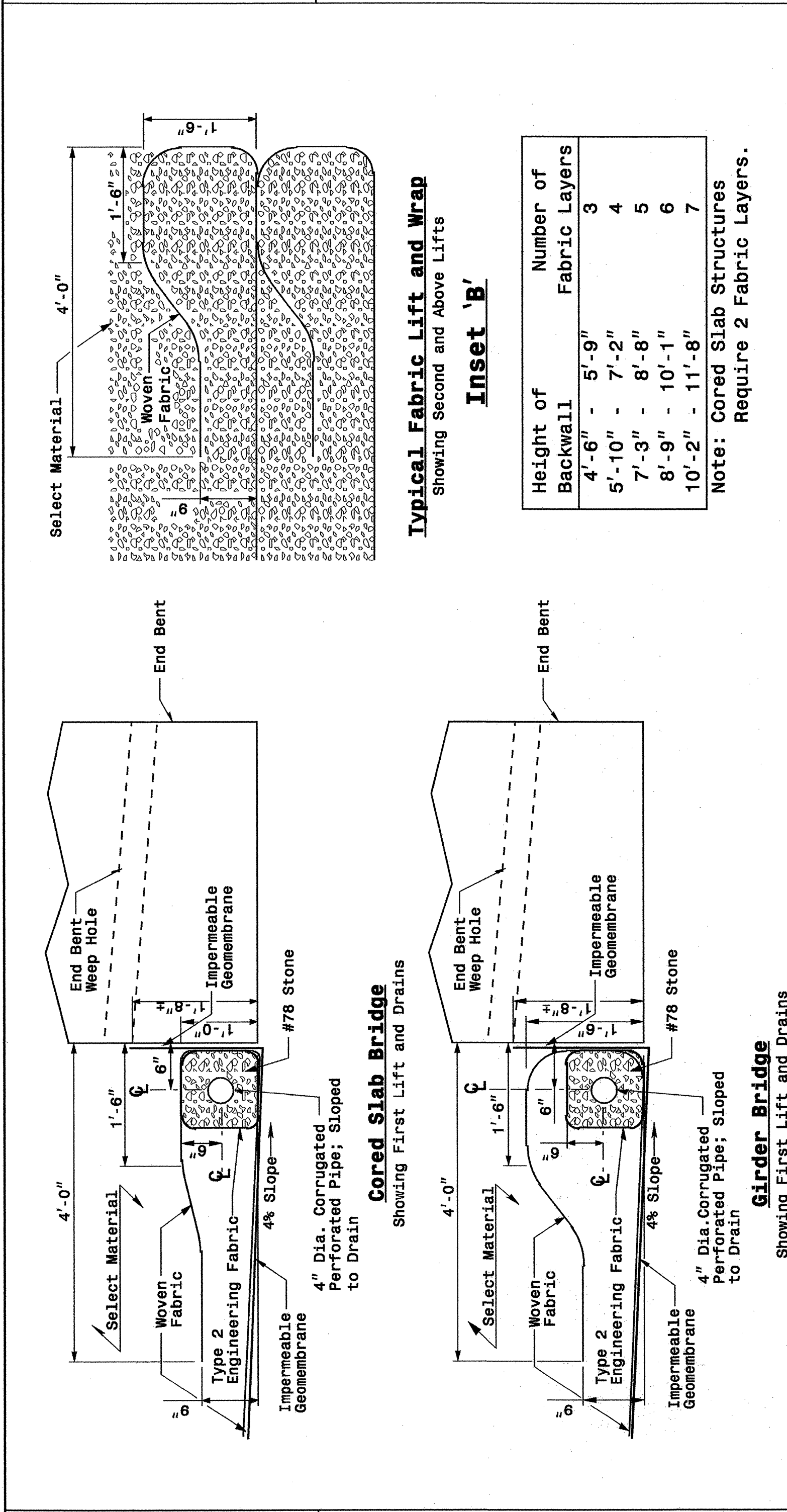
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SHEET 3 OF 4
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ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 4 OF 4
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Typical Fabric Lift and Wrap
 Showing Second and Above Lifts
Inset 'B'

Height of Backwall	Number of Fabric Layers
4'-6" - 5'-9"	3
5'-10" - 7'-2"	4
7'-3" - 8'-8"	5
8'-9" - 10'-1"	6
10'-2" - 11'-8"	7

Note: Cored Slab Structures
 Require 2 Fabric Layers.

Inset 'A'

Length of Bridge End Bent Inside Wingwalls
 If Bridge Skew is Less Than or Equal to 90°:
 $(\text{Roadway Width} + 7'-0") \div \sin(\text{Bridge Skew Angle}) = \text{Dis. Between Wingwalls}$
 If Bridge Skew is Greater Than 90°:
 $(\text{Roadway Width} + 7'-0") \div \cos(\text{Bridge Skew Angle} - 90^\circ) = \text{Dis. Between Wingwalls}$

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

SEE PLATE FOR TITLE

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