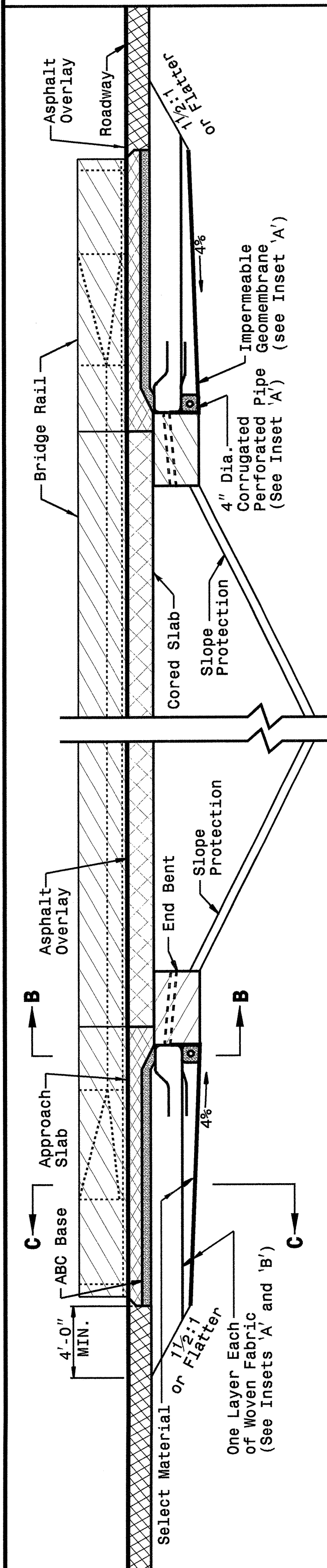


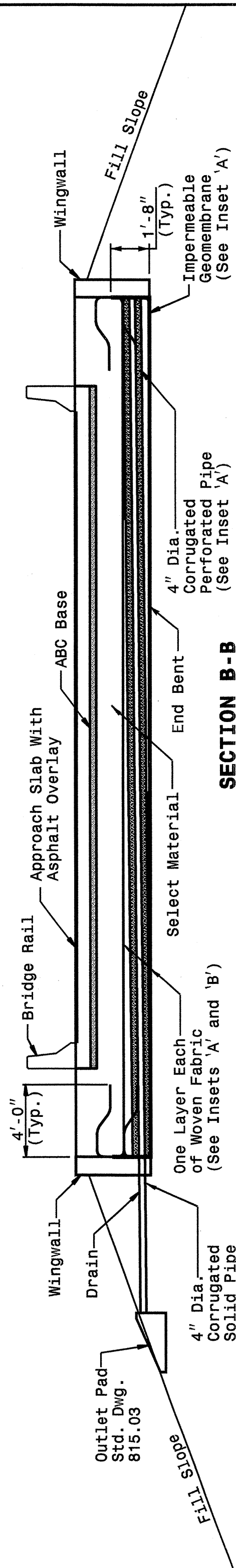
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
CORED SLAB BRIDGES

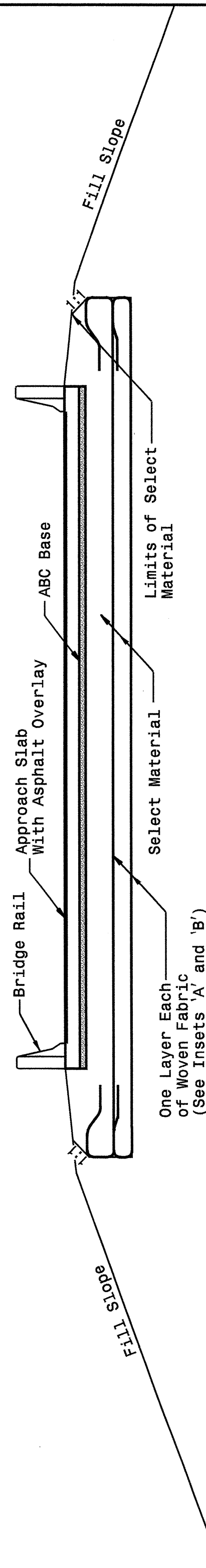
SHEET 3 OF 4
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SECTION A-A



SECTION B-B



SECTION C-C

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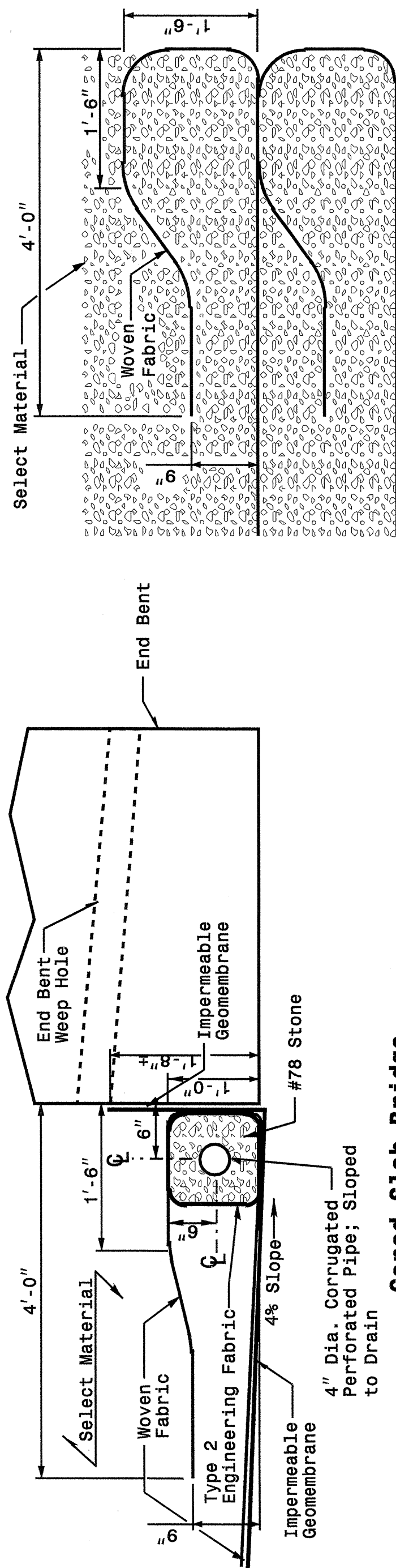
ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
CORED SLAB BRIDGES

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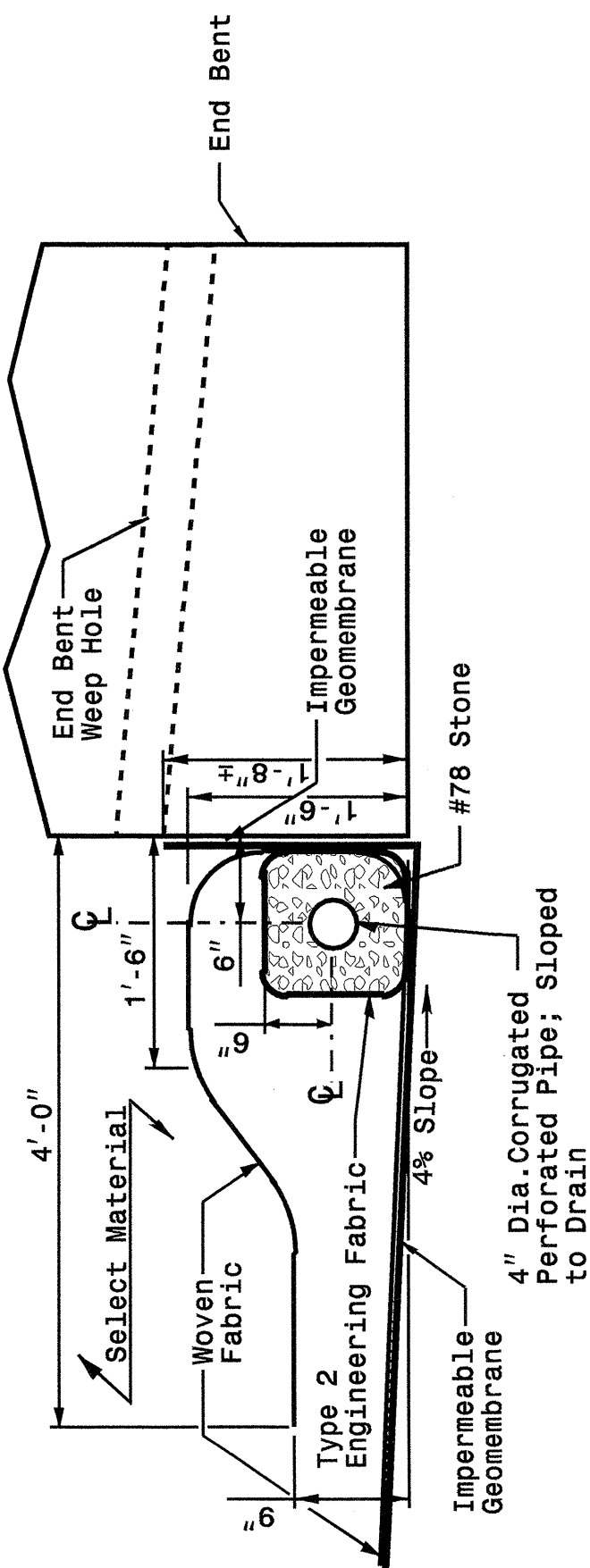
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ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
INSETS AND CHARTS

SHEET 4 OF 4
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Cored Slab Bridge
Showing First Lift and Drains



Girder Bridge
Showing First Lift and Drains

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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

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.

Length of Bridge End Bent Inside Wingwalls

If Bridge Skew is Less Than or Equal to 90°:

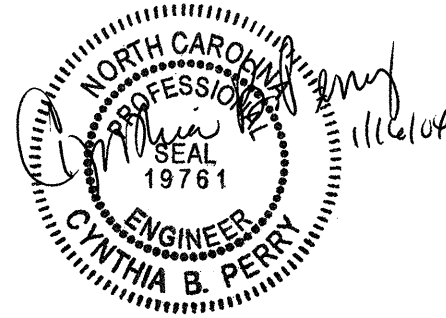
(Roadway Width + 7'-0") = Dis. Between Wingwalls

Sin (Bridge Skew Angle)

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: *[Signature]* DATE: 3-27-03
FILE SPEC.: stds/02stdstodetails/english/422d10.dgn