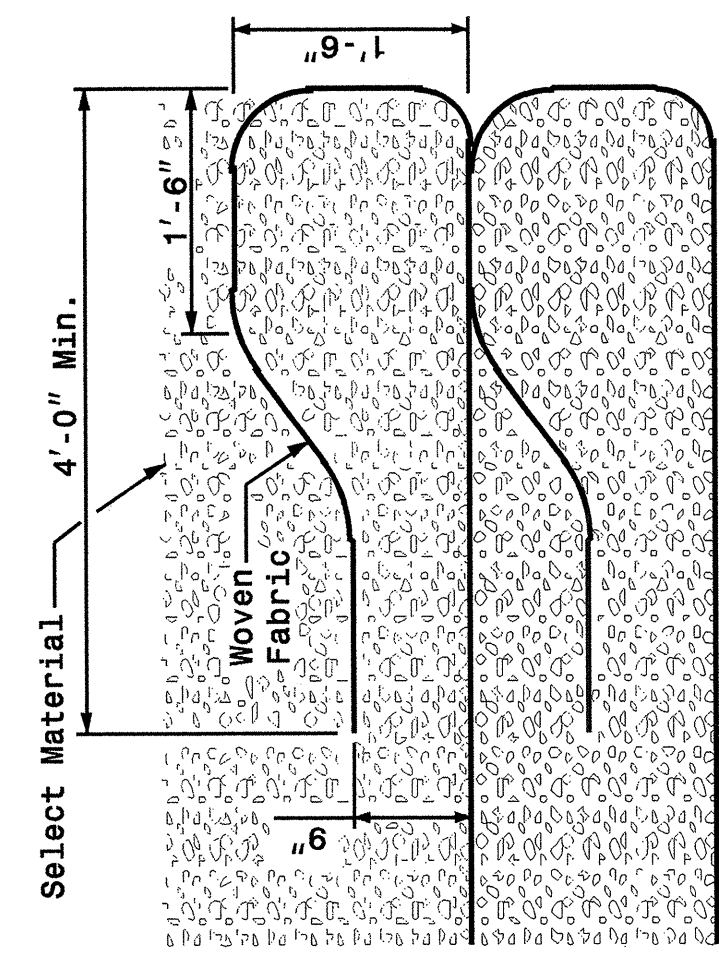


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ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
INSETS AND CHARTS

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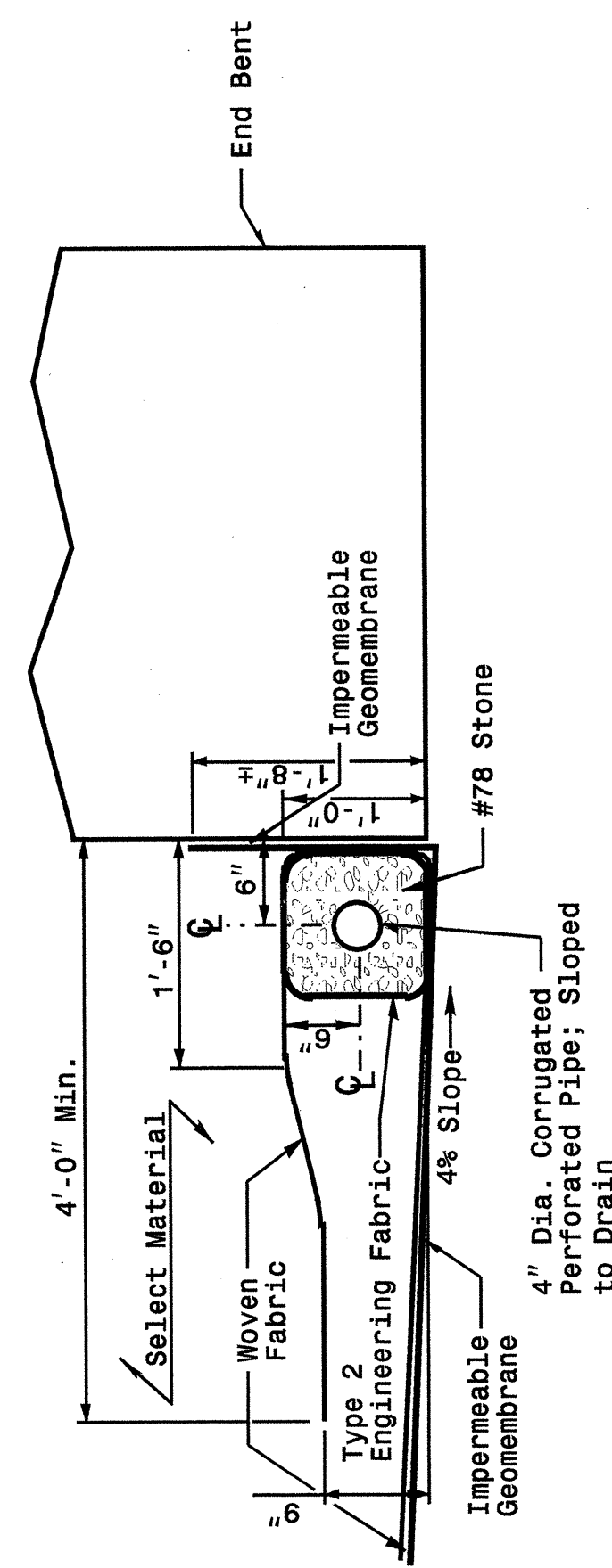


Typical Fabric Lift and Wrap
Showing Second and Above Lifts

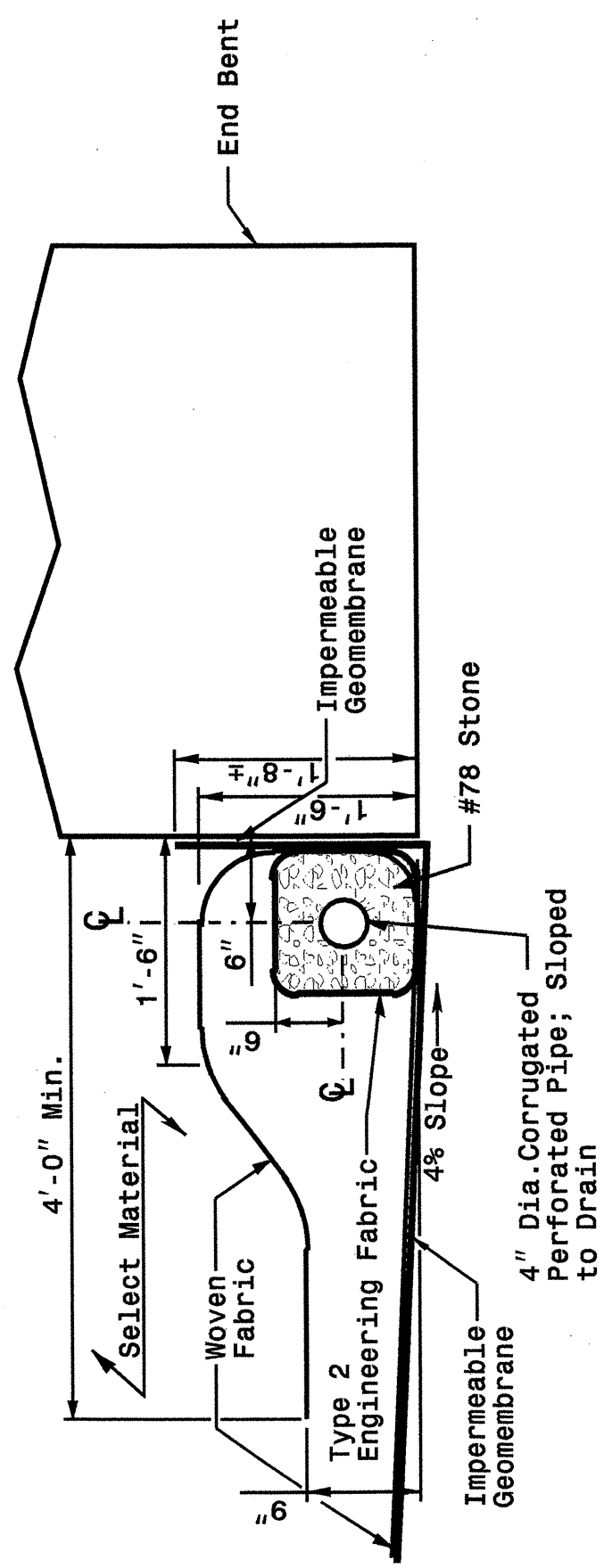
Inset 'B'

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.



Cored Slab Bridge
Showing First Lift and Drains



Girder Bridge
Showing First Lift and Drains

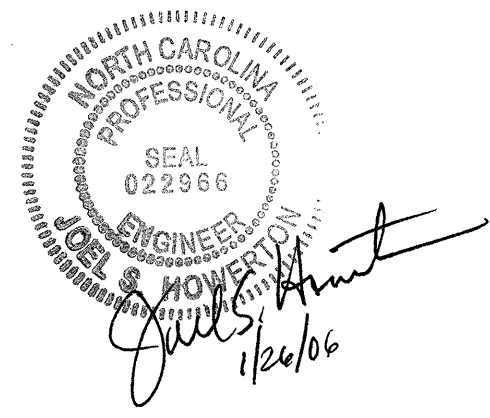
Inset 'A'

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

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SHEET 7 OF 7
422D10



PROJECT 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: 09-12-05
CHECKED BY: *Joel S. Hunt* DATE: 9/20/05
FILE SPEC.: stds\02stdstodetails\english\422d10.dgn

20-SEP-2005 08:49 C:\projects\stds\02-stds-to-special-details\english\422d10\0422d10.dgn