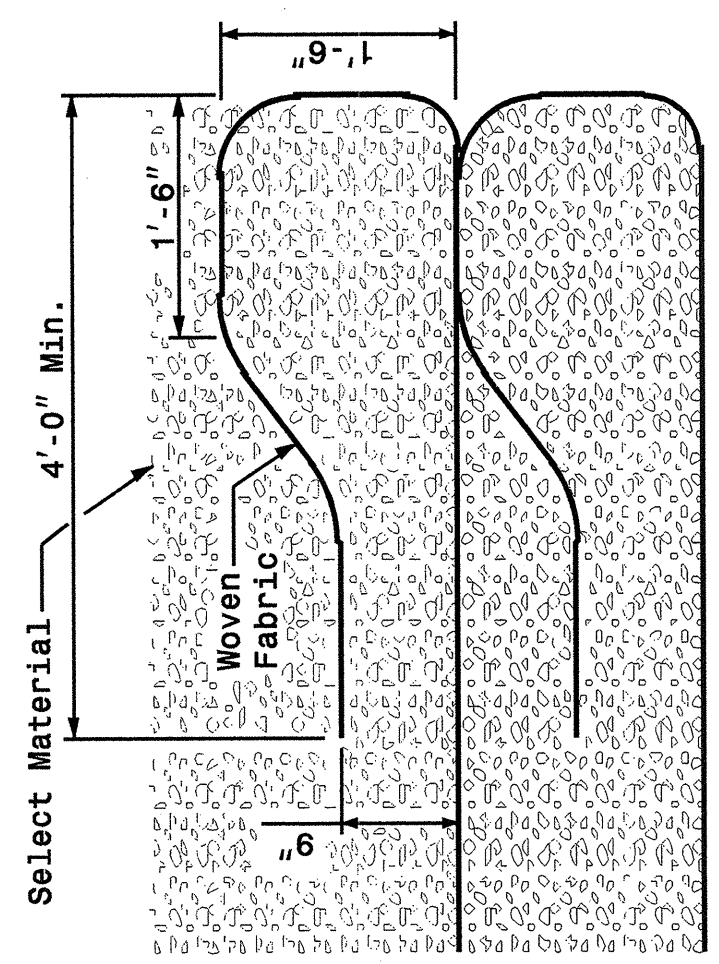


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ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
INSETS AND CHARTS

SHEET 7 OF 7  
**422D10**



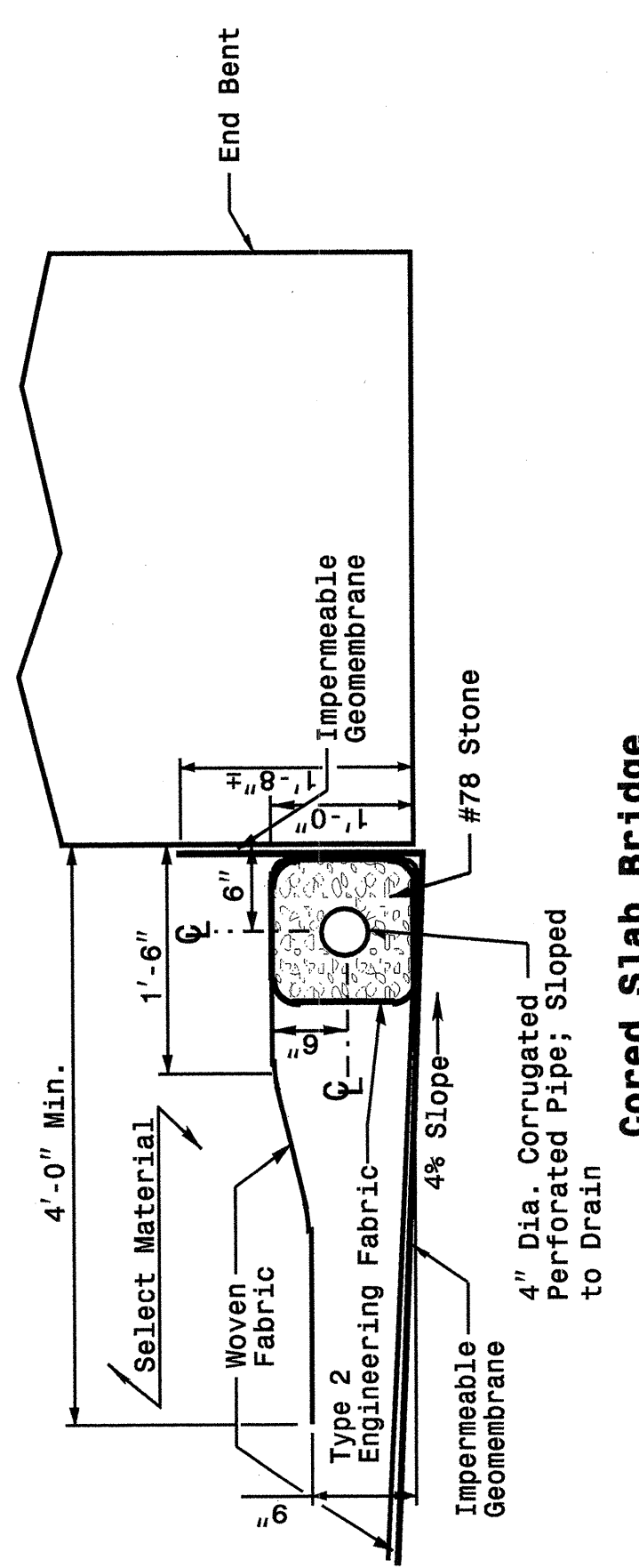
**Typical Fabric Lift and Wrap**  
Showing Second and Above Lifts

**Inset 'B'**

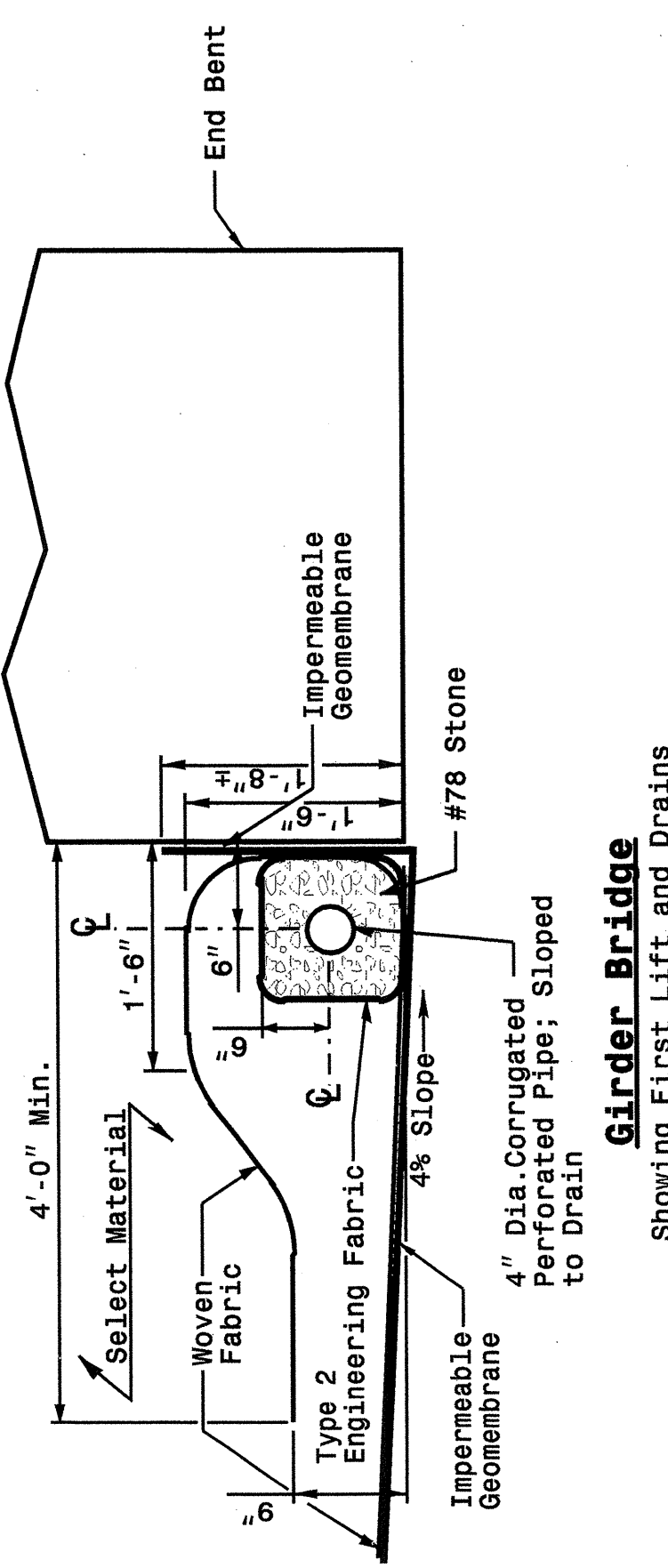
Height of Backwall	Number of Fabric Layers
4'-6" - 5'-9"	3
5'-10" - 7'-2"	4
7'-3" - 8'-8"	5
8'-9" - 10'-1"	6
10'-2" - 11'-8"	7

Note: Cored Slab Structures Require 2 Fabric Layers.

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



**Cored Slab Bridge**  
Showing First Lift and Drains



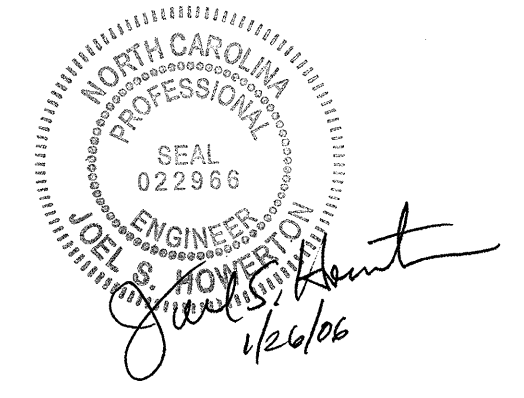
**Girder Bridge**  
Showing First Lift and Drains

**Inset 'A'**

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ENGLISH DETAIL DRAWING FOR  
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INSETS AND CHARTS

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: J.S. Ward DATE: 9/26/05  
FILE SPEC.: sds/02stdstodetails/english/422d10.dgn

20-SEP-2005 08:49 S:\Contracts\Contractors\Special Details\ward\stds\02 Stds to Special Details/english\422d10\0422d10.dgn  
enward AT PS22223