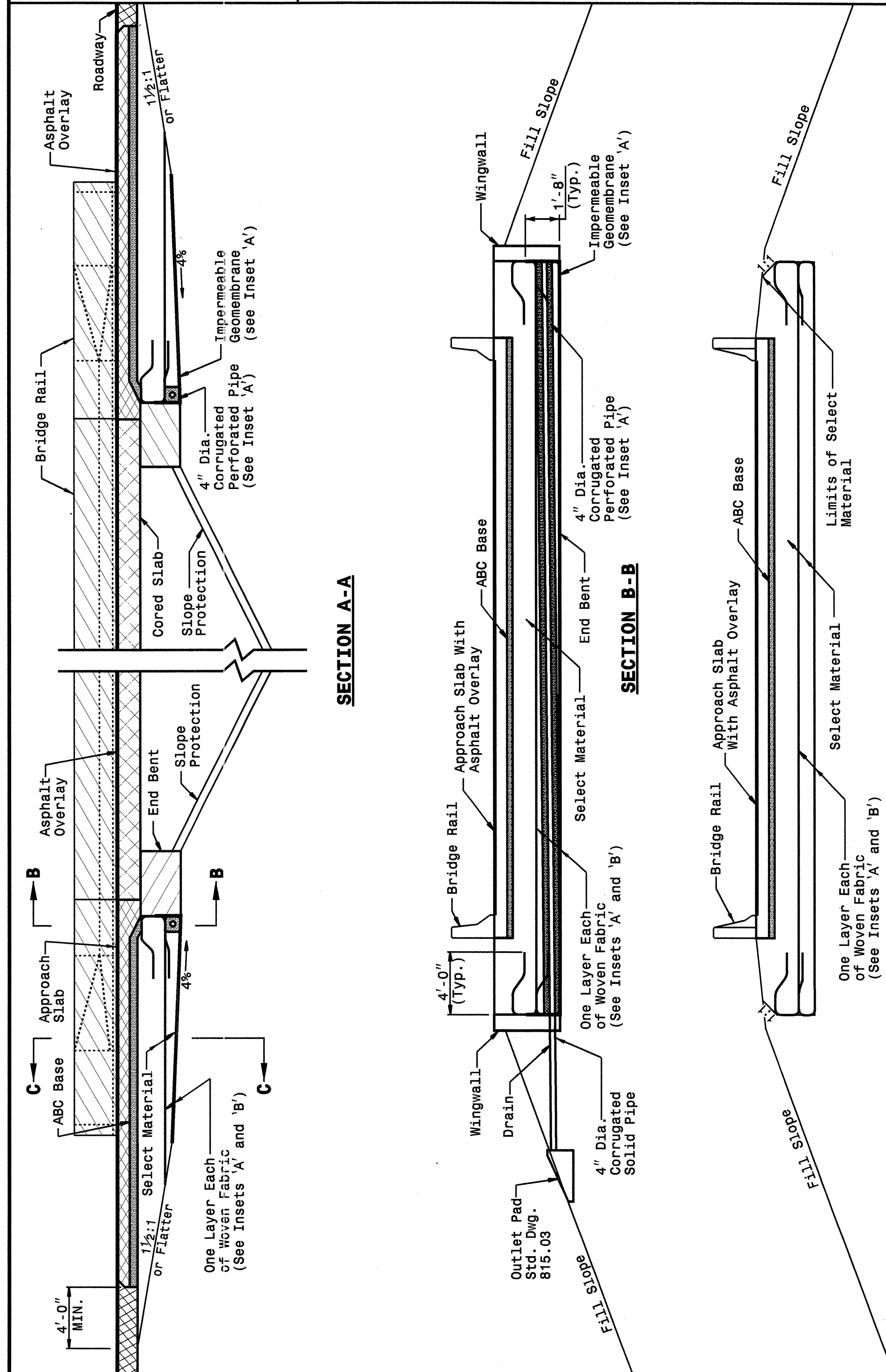


STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 CORED SLAB BRIDGES

SHEET 3 OF 4  
**422D10**



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

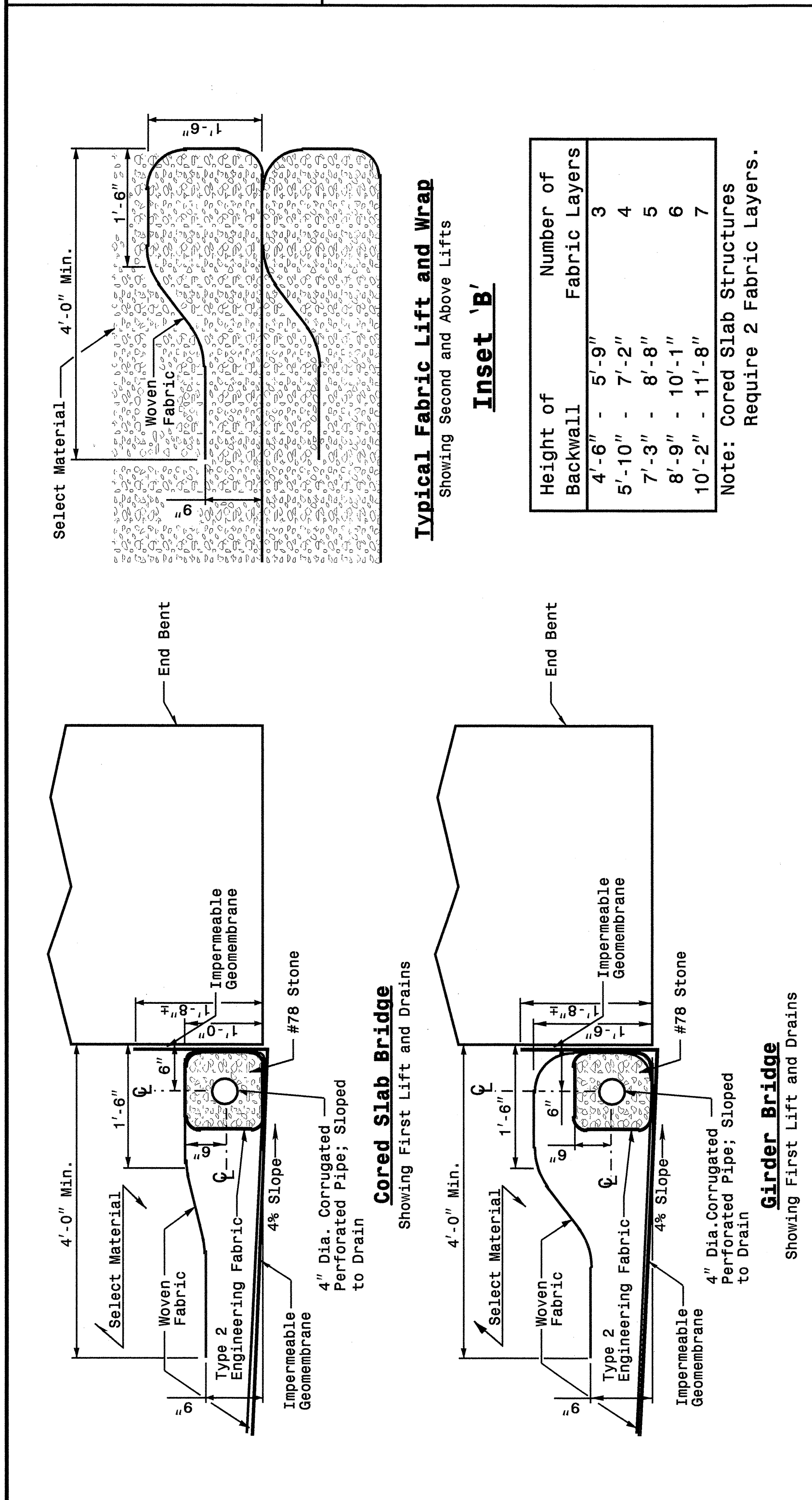
ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 CORED SLAB BRIDGES

SHEET 3 OF 4  
**422D10**

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

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

SHEET 4 OF 4  
**422D10**



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

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

SHEET 4 OF 4  
**422D10**

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

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: 09-15-04  
 CHECKED BY: DATE: 9/16/04  
 FILE SPEC.: stds\02stdstodetails/english\422d10.dgn

