

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

ENGLISH DETAIL DRAWING FOR GUARDRAIL INSTALLATION

862D02 SHEET 3 OF 7

**ISOMETRIC VIEWS**

**FRONT**

**SIDE**

**PLAN**

**TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES**

NOTES:  
 A - 5/8" DIA. BUTTON HEAD SPLICE BOLT 1 1/4" LONG (8 REQ. PER SPLICE JOINT).  
 B - 5/8" DIA. BUTTON HEAD BOLT 7 1/2"/9" LONG WITH NUT FOR BOLTING 6"/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR 6"/8" ROUTED OFFSET BLOCK TO WOOD POSTS (1 REQ. PER LOCATION)  
 C - FIELD PUNCHING OF HOLES INTO GUARDRAIL SHALL BE AS DIRECTED BY THE ENGINEER.

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**FRONT**

**SIDE**

**PLAN**

**SOIL PLATE**

**STEEL TUBE**

**WOOD OFFSET BLOCK**

**SHORT WOOD BREAKAWAY POST**

**BEARING PLATE**

**SYSTEM PARTS**

28-APR-2004 10:01 AM Special Details\english\862d02-0862d02.dgn erickward AT 05212268



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

**SEE PLATE FOR TITLE**

ORIGINAL BY: 2002 STD.862.02 DATE:  
 MODIFIED BY: E.E. WARD DATE: 02-09-03  
 CHECKED BY: J. S. Hopper DATE: 4-29-04  
 FILE SPEC.: /usr/stds/02todetail/english/86202/862d02.dgn