

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

ENGLISH DETAIL DRAWING FOR GUARDRAIL INSTALLATION

SHEET 3 OF 7 862D02

**ISOMETRIC VIEWS**

**PLAN**

**FRONT**

**SIDE**

**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 5/8" DIA. BUTTON HEAD BOLT 18" LONG WITH STD. WASHER UNDER NUT FOR BOLTING TO WOOD POSTS (1 REQ. PER LOCATION)

C - FIELD PUNCHING OF HOLES INTO GUARDRAIL SHALL BE AS DIRECTED BY THE ENGINEER.

**TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES**

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ENGLISH DETAIL DRAWING FOR GUARDRAIL INSTALLATION

SHEET 4 OF 7 862D02

**SYSTEM PARTS**

**FRONT**

**SIDE**

**PLAN**

**WOOD OFFSET BLOCK**

**SOIL PLATE**

**STEEL TUBE**

**ROUTED WOOD OFFSET BLOCK**

**W6" STEEL POST**

**STANDARD LINE POST**

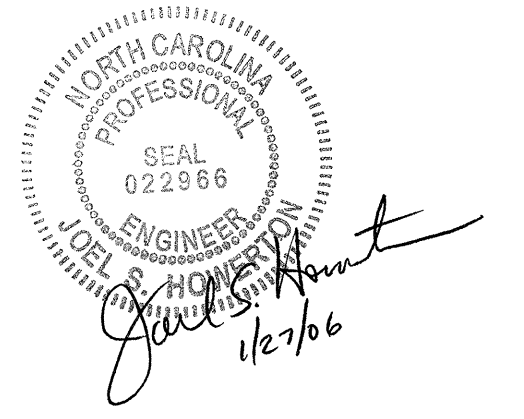
**SHORT WOOD BREAKAWAY POST**

**BEARING PLATE**

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

SEE PLATE FOR TITLE

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