

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 REG. PER SPLICE JOINT).
- B - 5/8" DIA. BUTTON HEAD BOLT 7 1/2" / 9" LONG WITH NUT FOR BOLTING 6" / 8" ROUNDED 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 REG. 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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SHEET 4 OF 7 862D02

SYSTEM PARTS

WOOD OFFSET BLOCK (FOR WOOD POSTS)

WOOD OFFSET BLOCK

STEEL TUBE TS 6" X 8" X 0.1875"

BEARING PLATE 5/8" THICK PLATE

SOIL PLATE 1/4" THICK PLATE

ROUTED WOOD OFFSET BLOCK

ROUTED WOOD OFFSET BLOCK

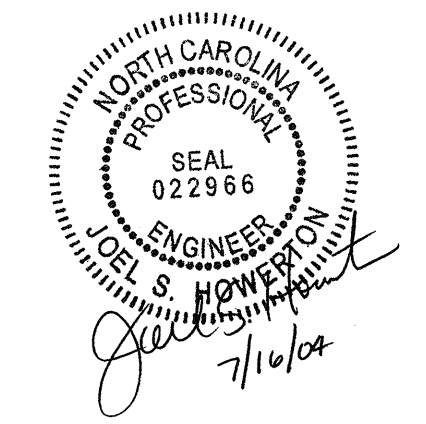
"W6" STEEL POST

"W6" STEEL POST

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

SEE PLATE FOR TITLE

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