

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 - 9/8" DIA. BUTTON HEAD SPLICE BOLT 1 1/4" LONG WITH STD. WASHER UNDER NUT (8 REQ. PER SPLICE JOINT).
- B - 9/8" DIA. BUTTON HEAD BOLT 7 1/2" LONG WITH 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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SYSTEM PARTS

SOIL PLATE 1/4" THICK PLATE

STEEL TUBE 18 6" X 8" X 0.1875"

BEARING PLATE 5/8" THICK PLATE

WOOD OFFSET BLOCK (FOR WOOD POSTS)

STANDARD LINE POST

SHORT WOOD BREAKAWAY POST

PLAN

FRONT

SIDE

FRONT

SIDE

FRONT

SIDE

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SEE PLATE FOR TITLE

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