

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 - 7/8" DIA. BUTTON HEAD SPlice BOLT 11/4" LONG (8 REQ. PER SPlice JOINT).
- B - 5/8" DIA. BUTTON HEAD BOLT 7 1/2" LONG WITH NUT FOR BOLTING 6 7/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR 5/8" DIA. BUTTON HEAD BOLT 16" 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

WOOD OFFSET BLOCK (FOR WOOD POSTS)

SOIL PLATE 1/4" THICK PLATE

STEEL TUBE TS 6 X 6 X 0.1875

ROUTED WOOD OFFSET BLOCK

"W6" STEEL POST

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SHEET 4 OF 7 862D02

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

SEE PLATE FOR TITLE

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