

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

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" LONG WITH NUT FOR BOLTING 6" W/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR 3/8" 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.

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SHEET 4 OF 7
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SYSTEM PARTS

WOOD OFFSET BLOCK
(FOR WOOD POSTS)

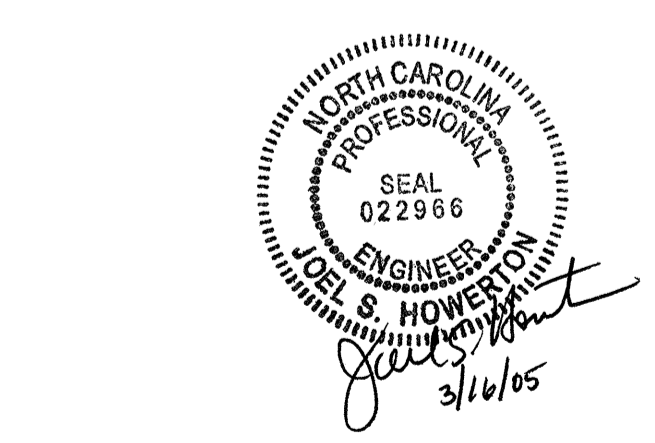
SOIL PLATE
1/4" THICK PLATE

STEEL TUBE
TS 6" X 8" X 0.1875"

BEARING PLATE
3/8" THICK PLATE

ROUTED WOOD OFFSET BLOCK

W6" STEEL POST



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: [Signature] DATE: 4-29-04
FILE SPEC.: /usj/stds/02todetail/english/86202/862d02.dgn

29-APR-2004 10:01
VA:Special Detail\02\ward\stds\02\stds to Special Details/english\862d02\0862d02.dgn
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