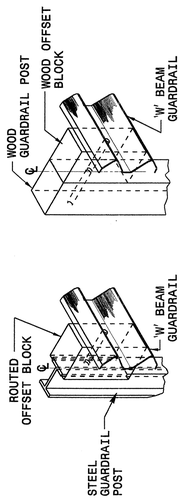
PROJECT REFERENCE NO.	SHEET NO.
B-1303	2-D

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

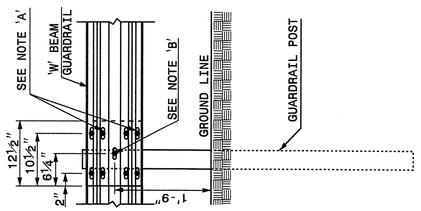
ENGLISH DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 3 OF 7
862D02

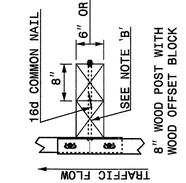
ISOMETRIC VIEWS



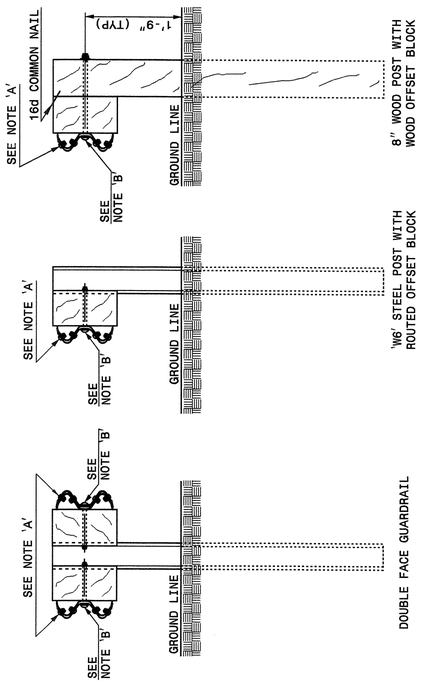
FRONT



PLAN



SIDE



NOTES:
A - ⅝" DIA. BUTTON HEAD SPLICE BOLT 1¼" LONG (8 REQ. PER SPLICE JOINT).
B - ⅝" DIA. BUTTON HEAD BOLT 7½"/8" LONG WITH NUT FOR BOLTING 6"/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR BOLTING 6"/8" ROUTED OFFSET BLOCK TO WOOD POSTS (1 REQ. PER LOCATION)
⅝" 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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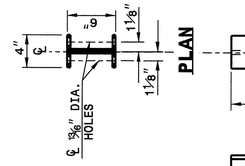
SHEET 4 OF 7
862D02

PLAN



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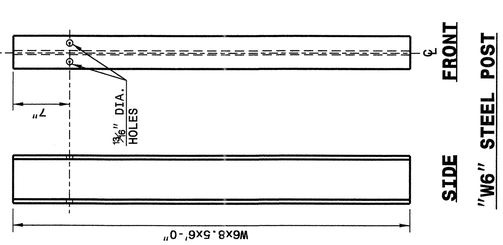
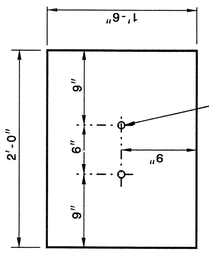


FRONT

"W6" STEEL POST

SOIL PLATE

¼" THICK PLATE



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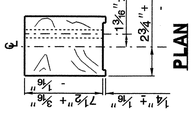

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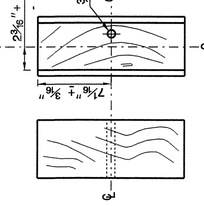
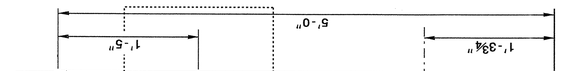


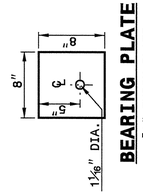
FRONT

ROUTED WOOD
OFFSET BLOCK



STEEL TUBE

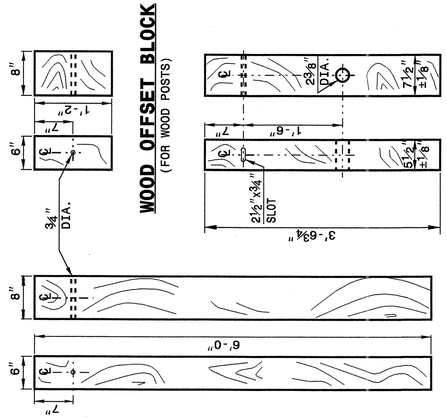
TS 6"X8"XO.1875"



BEARING PLATE

⅝" THICK PLATE

SYSTEM PARTS



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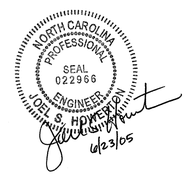
SHEET 4 OF 7
862D02



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

SEE PLATE FOR TITLE

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MODIFIED BY: E.E. WARD DATE: 02-09-03
CHECKED BY: DATE: 10/21/04
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