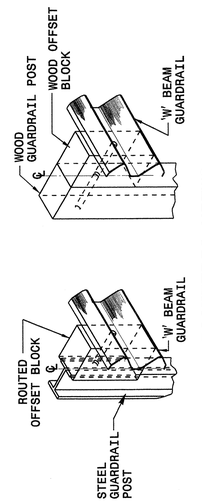
PROJECT REFERENCE NO.	SHEET NO.
B-3690	2-D

5/14/99

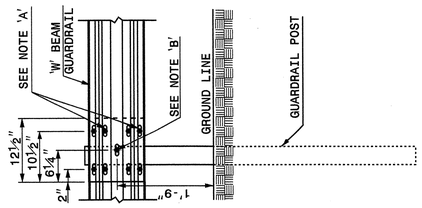
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

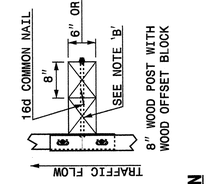
SHEET 3 OF 7
862D02



ISOMETRIC VIEWS

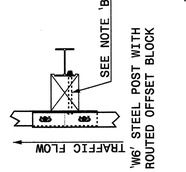


FRONT

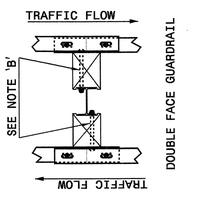


8" WOOD POST WITH WOOD OFFSET BLOCK

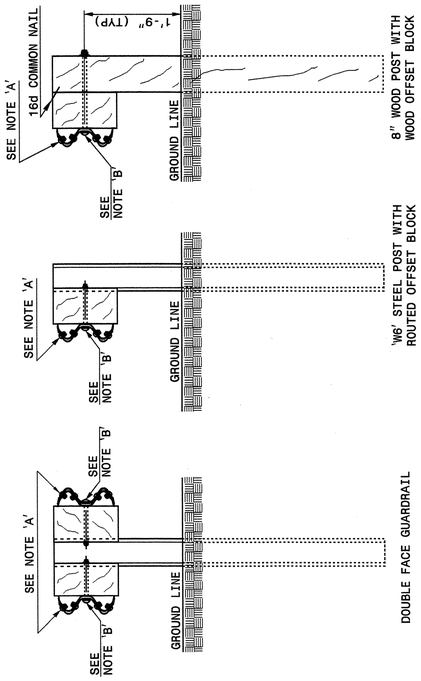
PLAN



'W6' STEEL POST WITH ROUTED OFFSET BLOCK



DOUBLE FACE GUARDRAIL



8" WOOD POST WITH WOOD OFFSET BLOCK

SIDE

'W6' STEEL POST WITH ROUTED OFFSET BLOCK

DOUBLE FACE GUARDRAIL

TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

NOTES:
A - ⅝" DIA. BUTTON HEAD SPLICE BOLT 1¼" LONG (8 REQ. PER SPLICE JOINT).
B - ⅝" DIA. BUTTON HEAD BOLT 7½"/9" LONG WITH NUT FOR BOLTING 6"/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR BOLTING 6" LONG WITH STD. WASHER UNDER NUT FOR BOLTING TO WOOD POSTS (1 REQ. PER LOCATION)
C - 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.

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SHEET 4 OF 7
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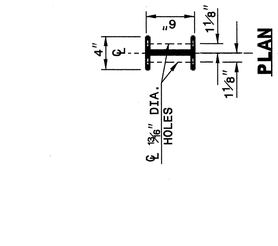
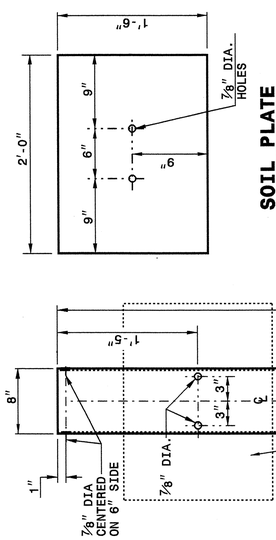
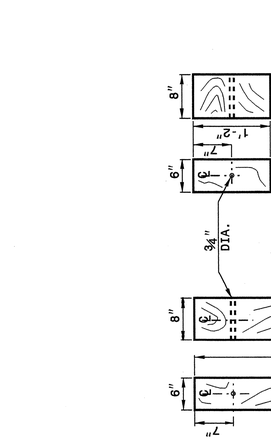
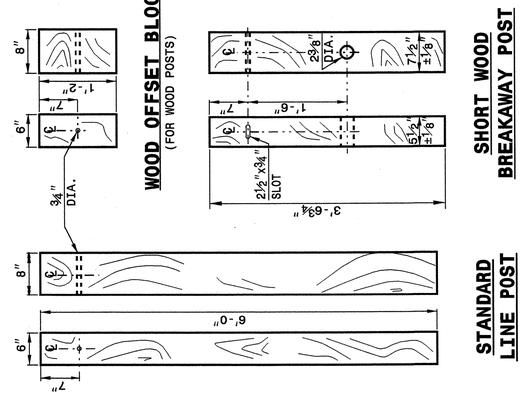






SYSTEM PARTS



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SHEET 4 OF 7
862D02

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

SEE PLATE FOR TITLE

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