PROJECT REFERENCE NO.	SHEET NO.
B-3649	2-D

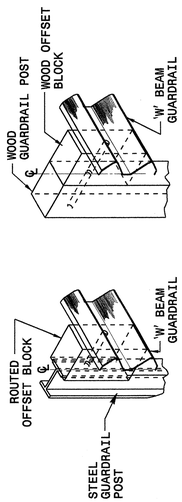
5/14/99

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

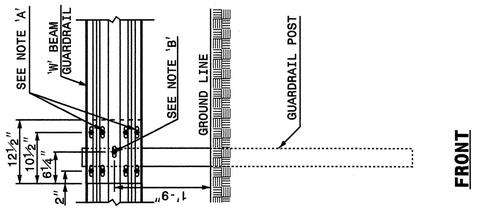
ENGLISH DETAIL DRAWING FOR **GUARDRAIL INSTALLATION**

SHEET 3 OF 7 — **862D02**

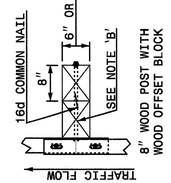
ISOMETRIC VIEWS

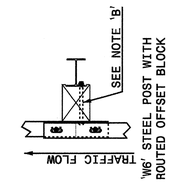


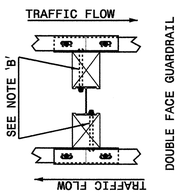
FRONT



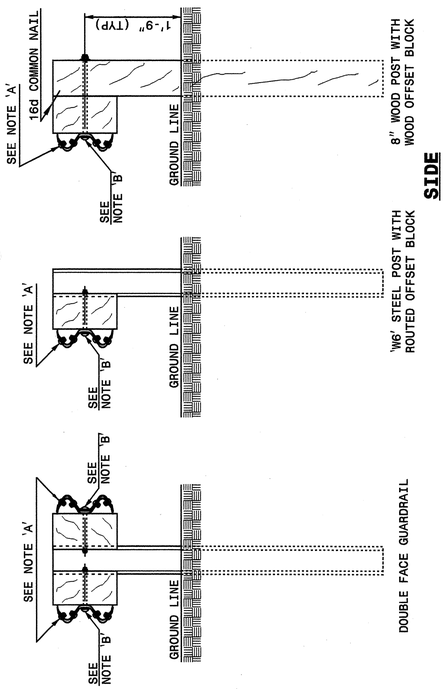
PLAN







SIDE



NOTES:
A - 5/8" DIA. BUTTON HEAD SPLICE BOLT 1¼" LONG WITH STD. WASHER UNDER NUT (8 REQ. PER SPLICE JOINT).
B - 5/8" DIA. BUTTON HEAD BOLT 7½"/9" 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)
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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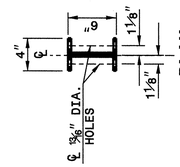
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR **GUARDRAIL INSTALLATION**

SHEET 4 OF 7 — **862D02**

PLAN



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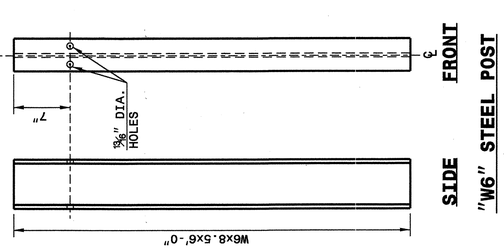
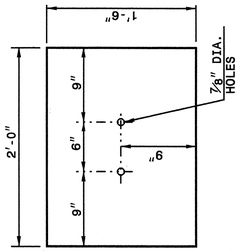


SIDE

"W6" STEEL POST

SOIL PLATE

¼" THICK PLATE



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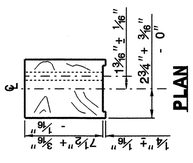

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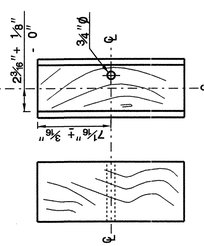
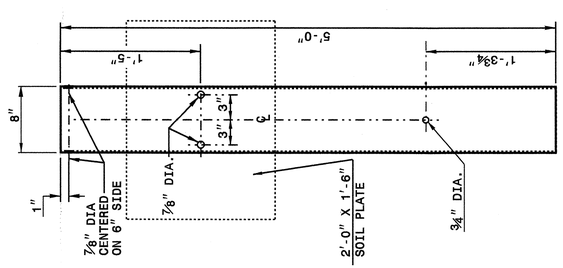


SIDE

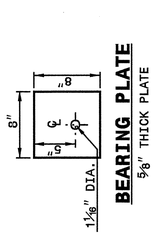
ROUTED WOOD OFFSET BLOCK

SYSTEM PARTS



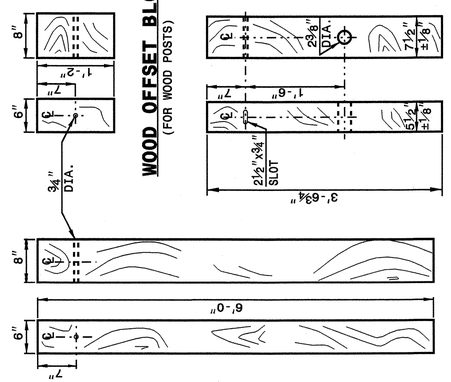
STEEL TUBE

TS 6"x8"xO.1875"



BEARING PLATE

⅝" THICK PLATE



WOOD OFFSET BLOCK

(FOR WOOD POSTS)

SHORT WOOD BREAKAWAY POST

STANDARD LINE POST

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DESIGN 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: 3-03
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