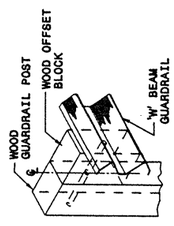
PROJECT REFERENCE NO.	SHEET NO.
38224	2-H

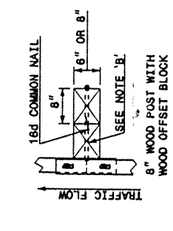
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

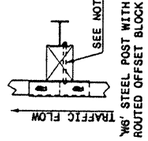
SHEET 3 OF 7
862D02

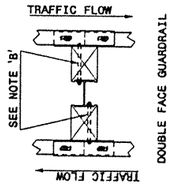


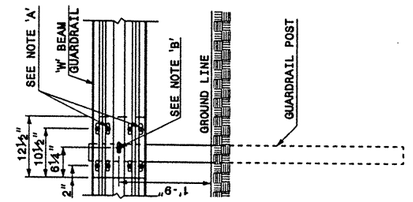
ISOMETRIC VIEWS



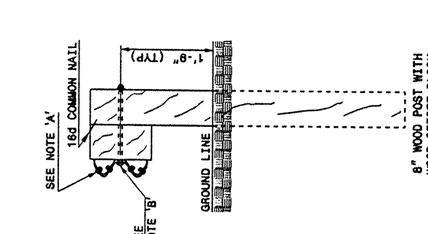
PLAN



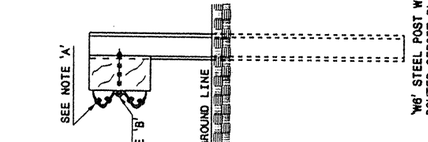


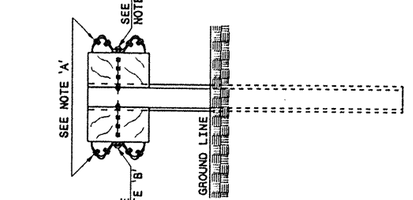


FRONT



SIDE





TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

NOTES:
A - 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
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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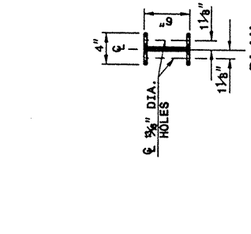
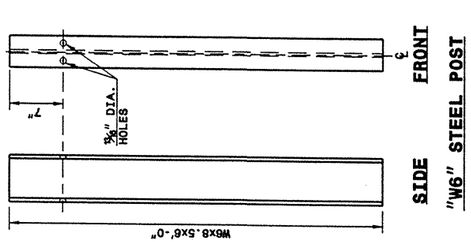
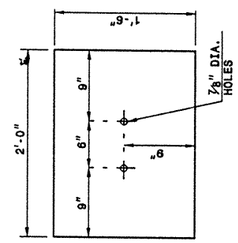
SHEET 4 OF 7
862D02



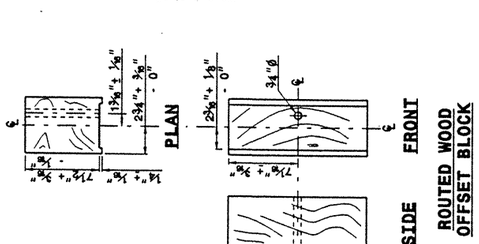
PLAN



SIDE **FRONT**
"W6" STEEL POST

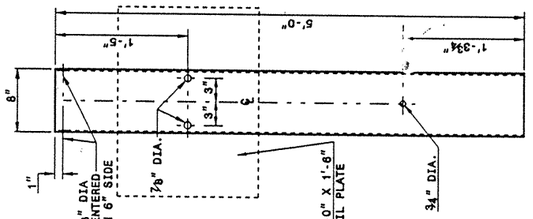


SOIL PLATE
¼" THICK PLATE

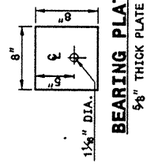


PLAN **SIDE** **FRONT**
ROUTED WOOD OFFSET BLOCK

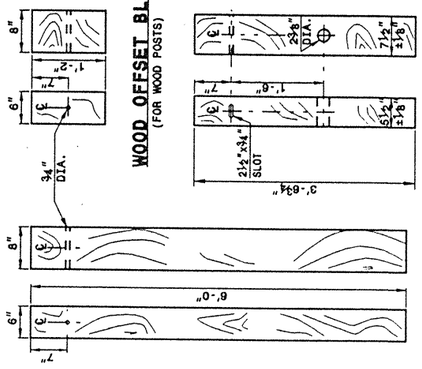
SYSTEM PARTS



STEEL TUBE
TS 6"X8"X0.1875"



BEARING PLATE
⅝" THICK PLATE



WOOD OFFSET BLOCK
(FOR WOOD POSTS)

SHORT WOOD BREAKAWAY POST

STANDARD LINE POST

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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:
FILE SPEC.: /usr/stds/02todetail/english/86202/862d02.dgn

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