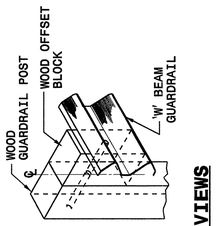
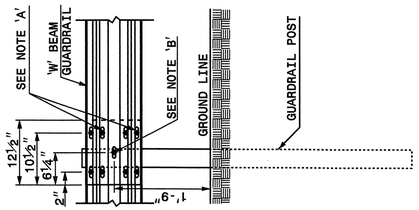
PROJECT REFERENCE NO.	SHEET NO.
B-3639	2-B

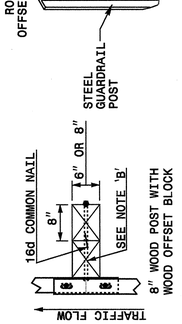
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.



ISOMETRIC VIEWS

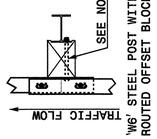


FRONT

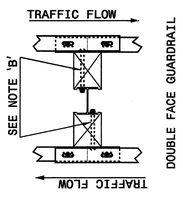


8" WOOD POST WITH WOOD OFFSET BLOCK

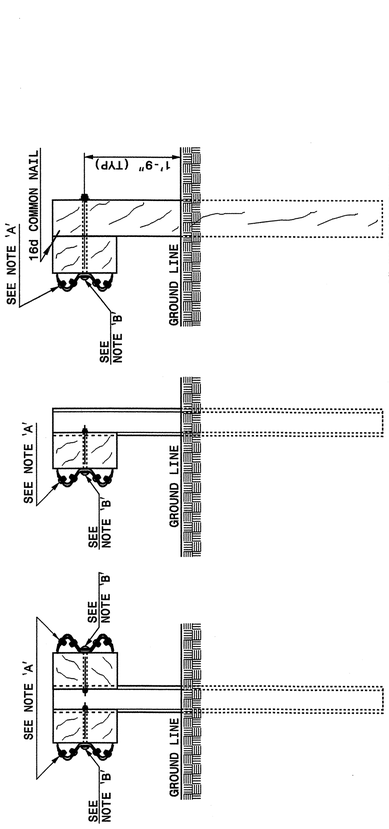
PLAN



'W6' STEEL POST WITH ROUTED OFFSET BLOCK



DOUBLE FACE GUARDRAIL



SIDE

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
⅝" DIA. BUTTON HEAD BOLT 18" LONG WITH STD. WASHER UNDER NUT FOR BOLTING 6"/8" 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

STATE OF
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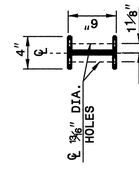
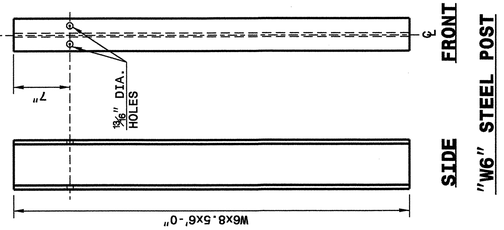


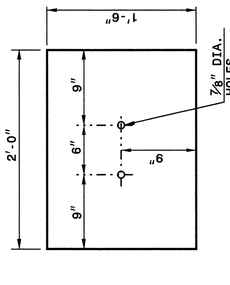
PLAN



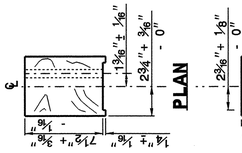
FRONT

SIDE

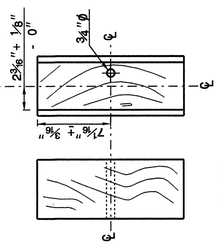
"W6" STEEL POST



SOIL PLATE
¼" THICK PLATE



PLAN

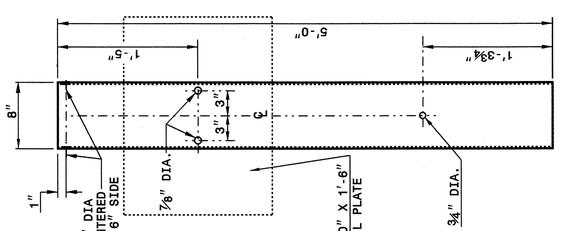


SIDE

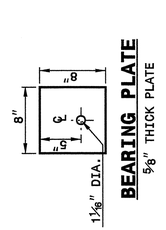
FRONT

ROUTED WOOD OFFSET BLOCK

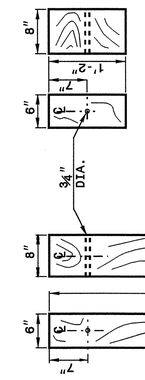
SYSTEM PARTS



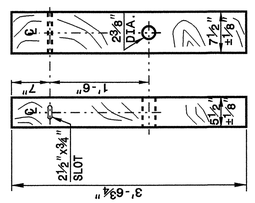
STEEL TUBE
TS 6"x8"x0.1875"



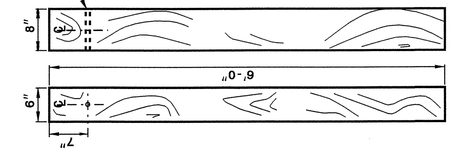
BEARING PLATE
⅝" THICK PLATE



WOOD OFFSET BLOCK
(FOR WOOD POSTS)



SHORT WOOD BREAKAWAY POST



STANDARD LINE POST

PROJECT 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: DATE: 10/21/04
FILE SPEC.: W:\sp\stds\02todetail\english\86202\862d02.dgn

19-OCT-2004 11:39
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