

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

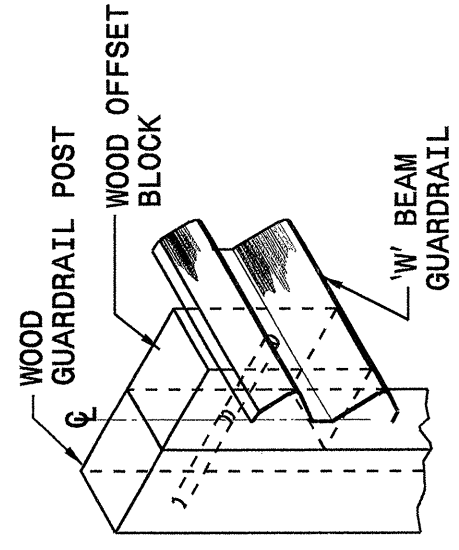
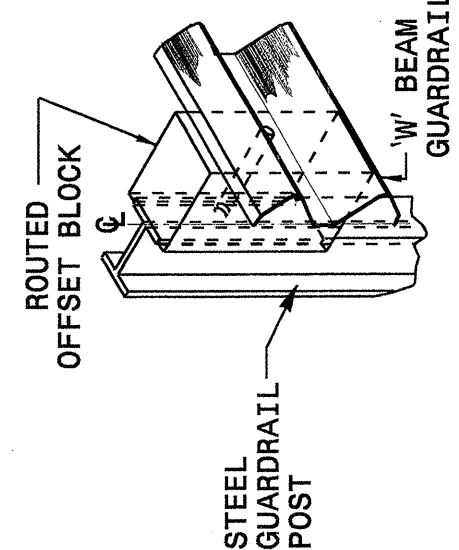
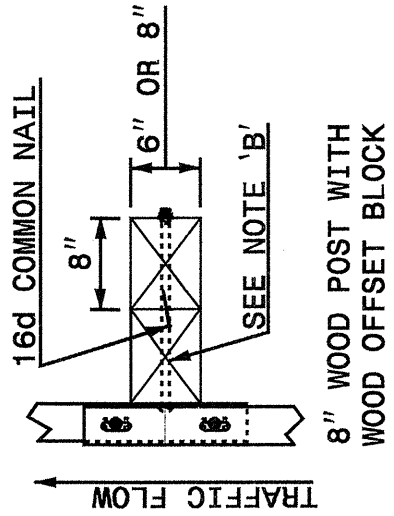
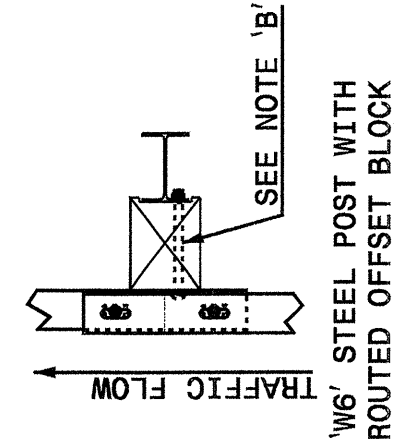
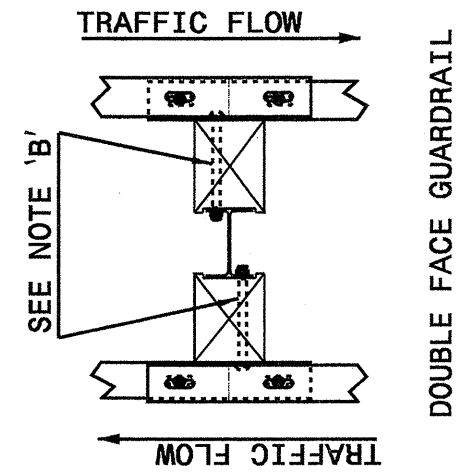
ENGLISH DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 3 OF 7
862D02

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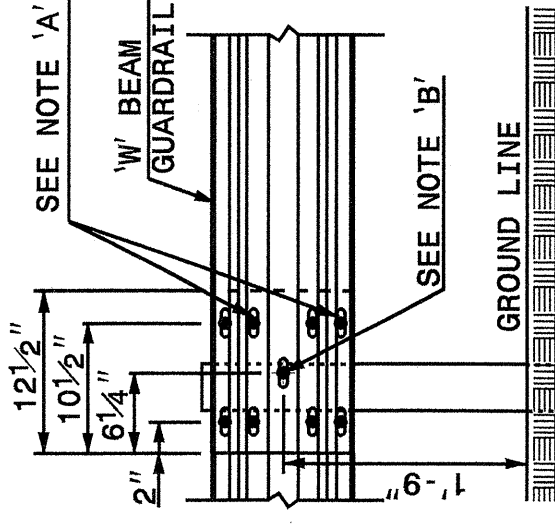
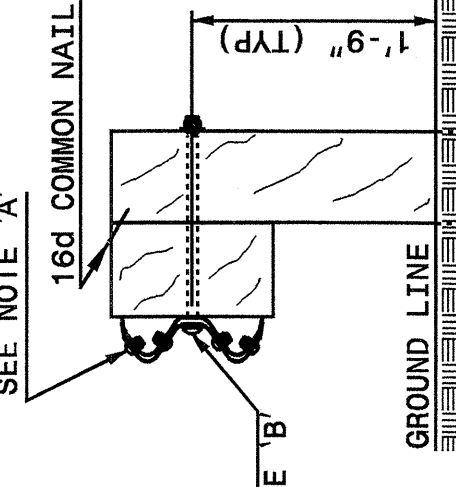
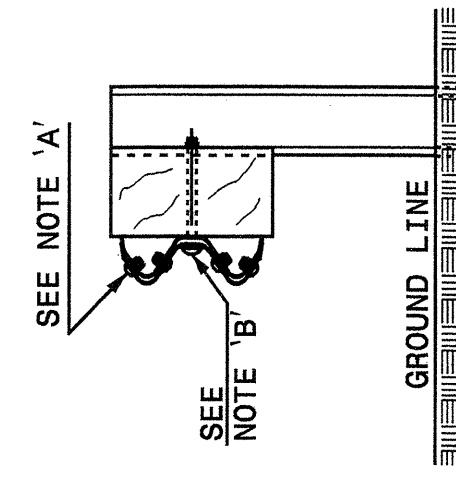
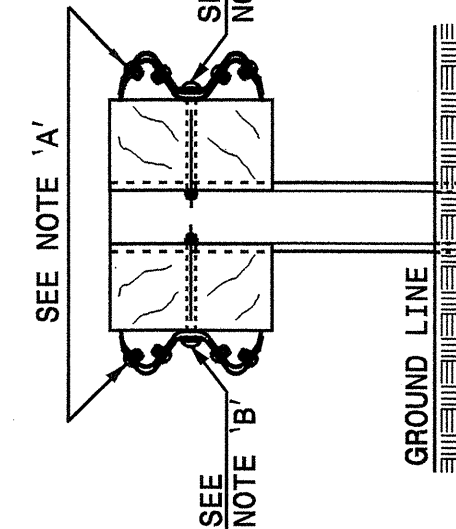
ENGLISH DETAIL DRAWING FOR
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SHEET 3 OF 7
862D02



PLAN

ISOMETRIC VIEWS



SIDE

FRONT

- NOTES:
A - 5/8" DIA. BUTTON HEAD SPLICE BOLT 1 1/4" LONG WITH STD. WASHER UNDER NUT (8 REQ. PER SPLICE JOINT).
B - 5/8" DIA. BUTTON HEAD BOLT 7 1/2"/9" LONG WITH NUT FOR BOLTING 6"/8" ROUTED OFFSET BLOCK TO STEEL POSTS OR 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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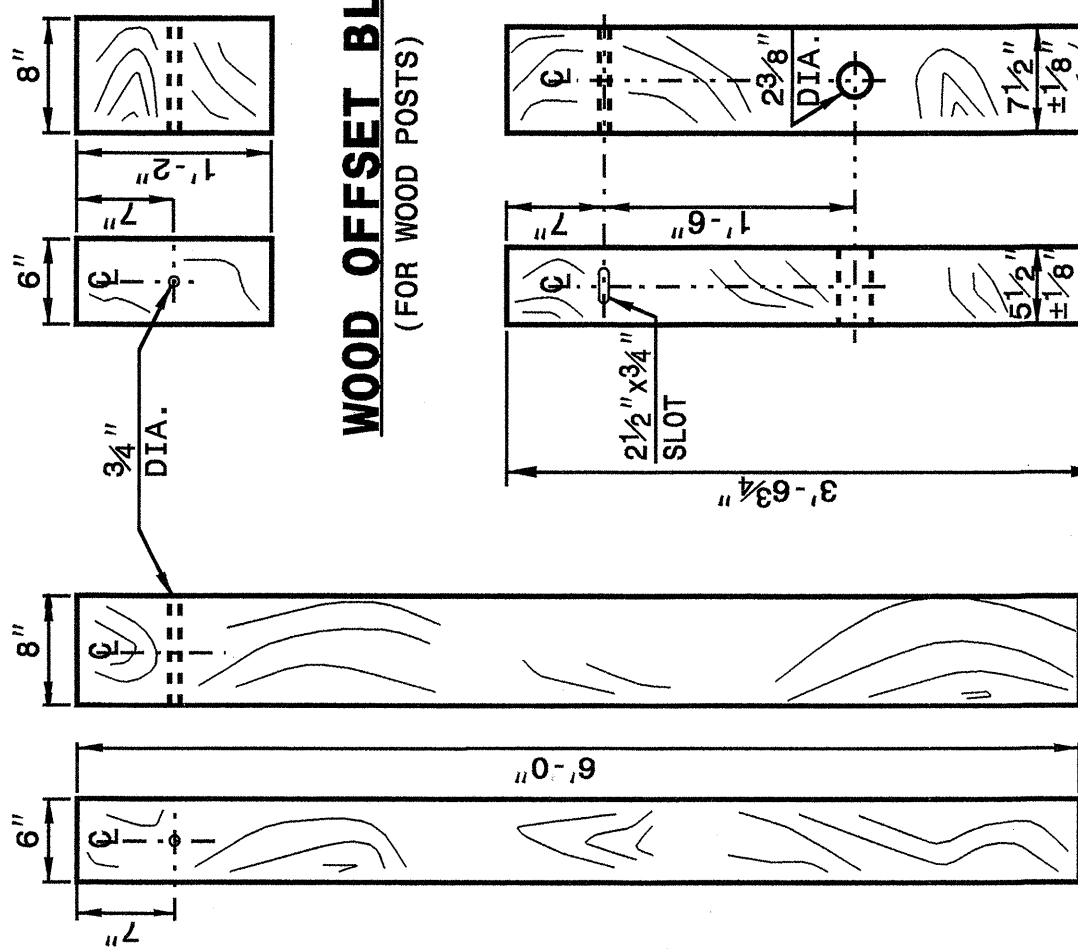
ENGLISH DETAIL DRAWING FOR
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SHEET 4 OF 7
862D02

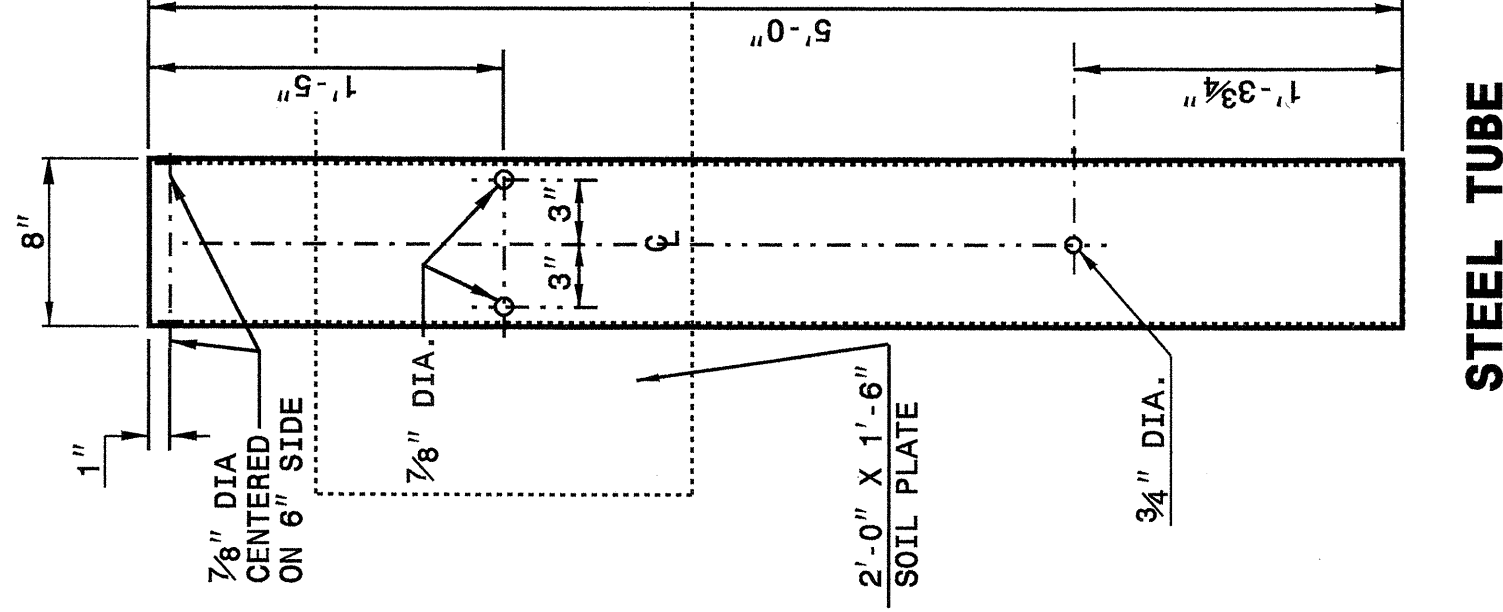
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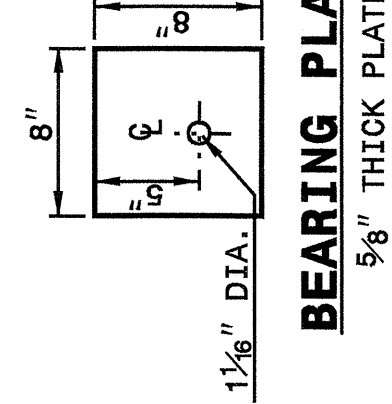
WOOD OFFSET BLOCK
(FOR WOOD POSTS)



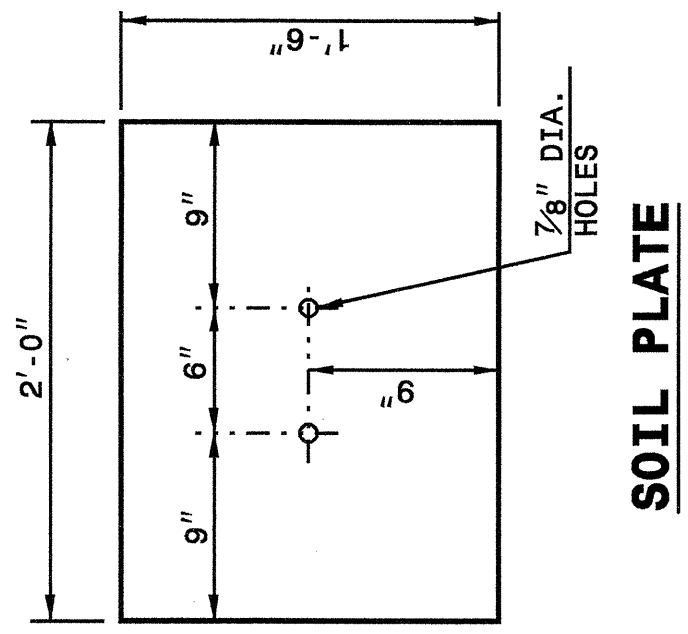
STEEL TUBE
TS 6"x8"x0.1875"

STANDARD
LINE POST

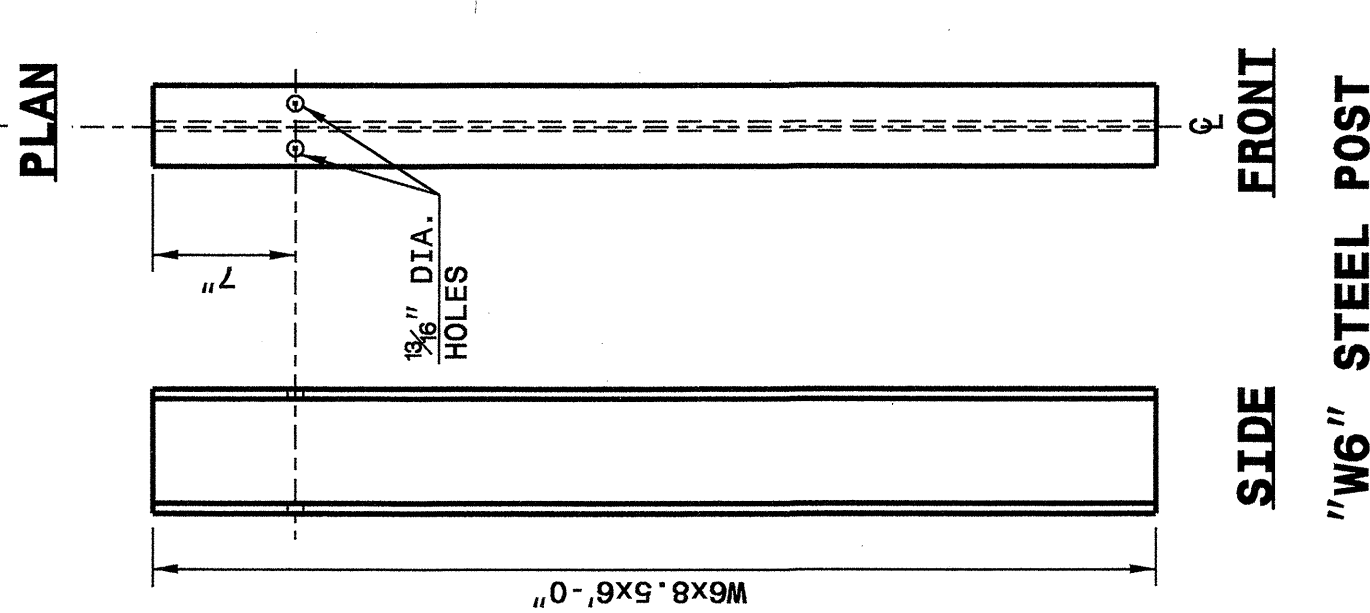
SHORT WOOD
BREAKAWAY POST



BEARING PLATE
5/8" THICK PLATE



SOIL PLATE
1/4" THICK PLATE



ROUTED WOOD
OFFSET BLOCK

"W6" STEEL POST

SYSTEM PARTS

DESIGN 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: *Eric Ward* DATE: 5-02
FILE SPEC.: /usr/std/02todet/1/english/86202/862d02.dgn

