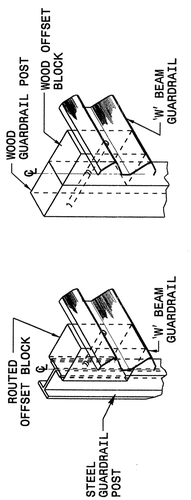
PROJECT REFERENCE NO.	SHEET NO.
B-3205	2-E

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



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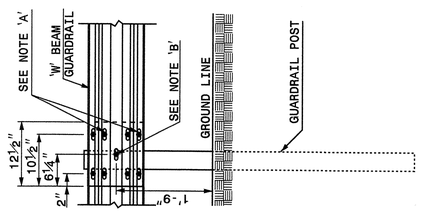
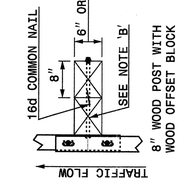


PLAN



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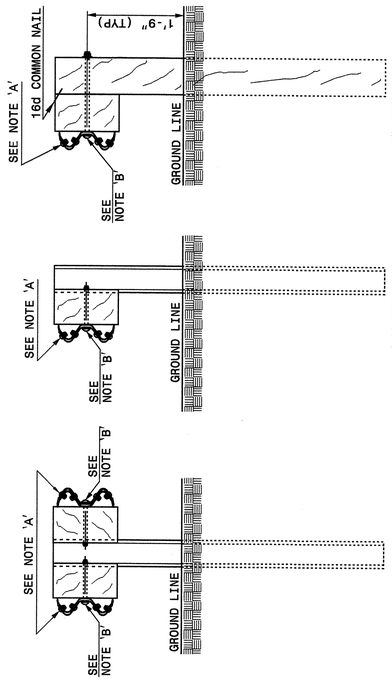


TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

NOTES:
A - ⅝" DIA. BUTTON HEAD SPLICE BOLT 11¼" 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 TO WOOD POSTS (1 REQ. PER LOCATION)
C - FIELD PUNCHING OF HOLES INTO GUARDRAIL SHALL BE AS DIRECTED BY THE ENGINEER.

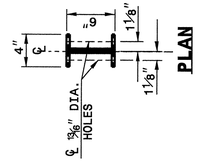
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ENGLISH DETAIL DRAWING FOR **GUARDRAIL INSTALLATION**	SHEET 3 OF 7 — 862D02

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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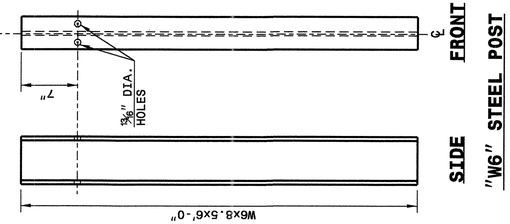
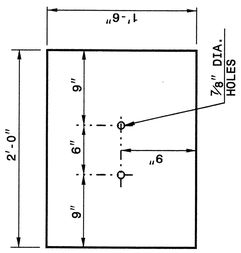


SIDE

"W6" STEEL POST

SOIL PLATE

¼" THICK PLATE



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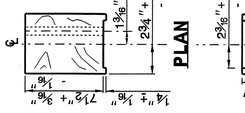

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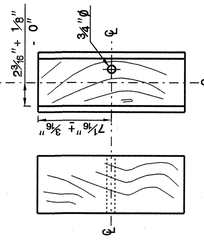
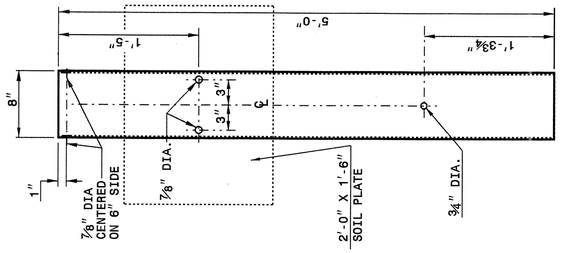


ROUTED WOOD OFFSET BLOCK

SYSTEM PARTS

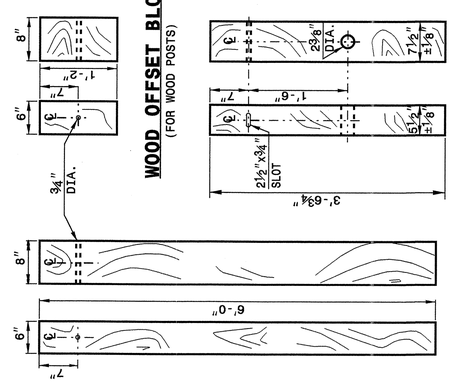


STEEL TUBE

TS 6"X8"X0.1875"

BEARING PLATE

⅝" THICK PLATE



SHORT WOOD BREAKAWAY POST

STANDARD LINE POST

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NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER JOHN S. HOWERTON
7/26/05

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.F. WARD DATE: 02-09-03
CHECKED BY: DATE: 10/21/04
FILE SPEC.: \wsn\stds\02todetail\english\86202\862d02.dgn

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