PROJECT REFERENCE NO.	SHEET NO.
R-2206AA	2-L

METRIC

6/30/2004

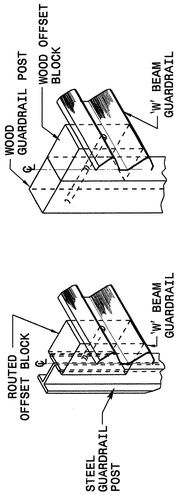
12-JUL-2004 15:07
W:\Special Details\Guardrail\stds\02 Stds to Special Details\metric\86202\0862d02m.dgn
e:\richard 11 x 17.dsz\260

GUARDRAIL INSTALLATION

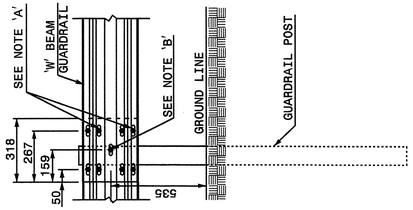
METRIC DETAIL DRAWING FOR

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

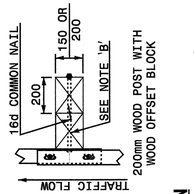
ISOMETRIC VIEWS



FRONT



PLAN



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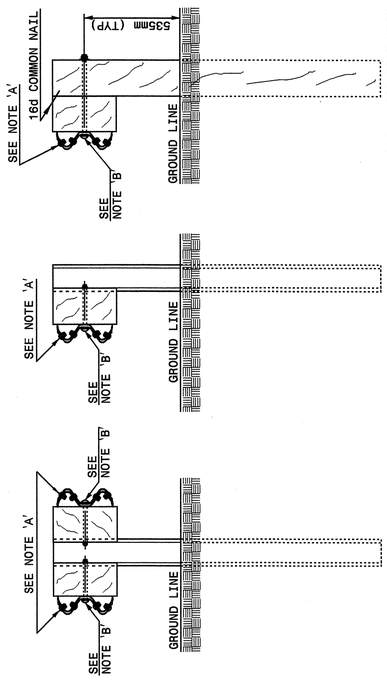
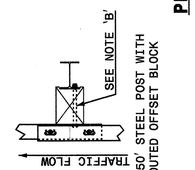
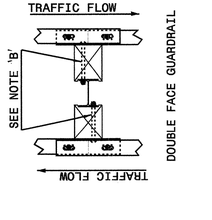






NOTES:
A - 16mm DIA. BUTTON HEAD SPLICE BOLT 32mm LONG WITH STD. WASHER UNDER NUT (8 REQ. PER SPLICE JOINT).
B - 16mm DIA. BUTTON HEAD BOLT 190mm/228mm LONG WITH NUT FOR BOLTING 150mm/200mm ROUTED OFFSET BLOCK TO STEEL POSTS OR 16mm DIA. BUTTON HEAD BOLT 457mm LONG WITH STD. WASHER UNDER NUT FOR BOLTING TO WOOD POSTS (1 REQ. PER LOCATION)
C - FIELD PUNCH HOLES INTO THE GUARDRAIL AS DIRECTED BY THE ENGINEER.

TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

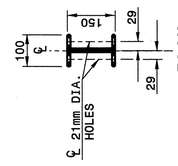
Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

GUARDRAIL INSTALLATION

METRIC DETAIL DRAWING FOR

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

PLAN



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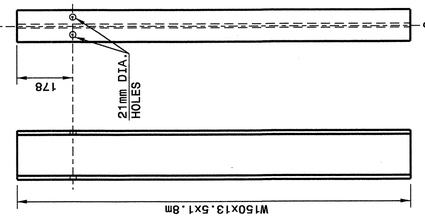
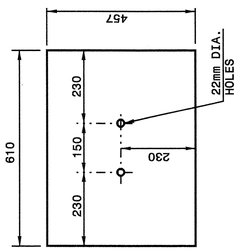


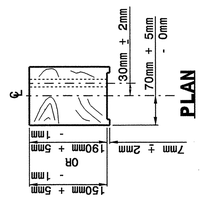
SIDE

"W150" STEEL POST

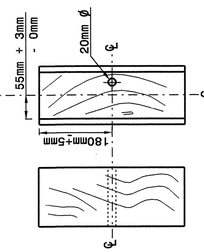


SOIL PLATE

6mm THICK

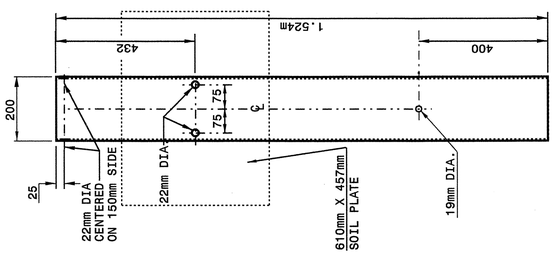


PLAN



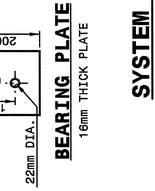
SIDE FRONT

ROUTED WOOD OFFSET BLOCK



STEEL TUBE

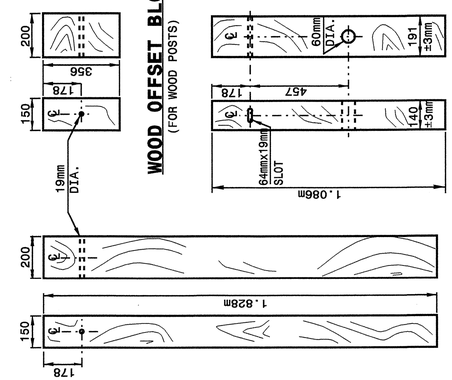
TS 150mmx200mmx5mm



BEARING PLATE

16mm THICK PLATE

SYSTEM PARTS



WOOD OFFSET BLOCK

(FOR WOOD POSTS)

SHORT WOOD BREAKAWAY POST

STANDARD LINE POST

Note:
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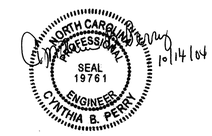

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STD.862.02 DATE:
MODIFIED BY: E.E. WARD DATE: 02-09-03
CHECKED BY: DATE: 7/13/04
FILE SPEC.: /dsr/stds/02todetail/metric/86202/862d02m.dgn