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

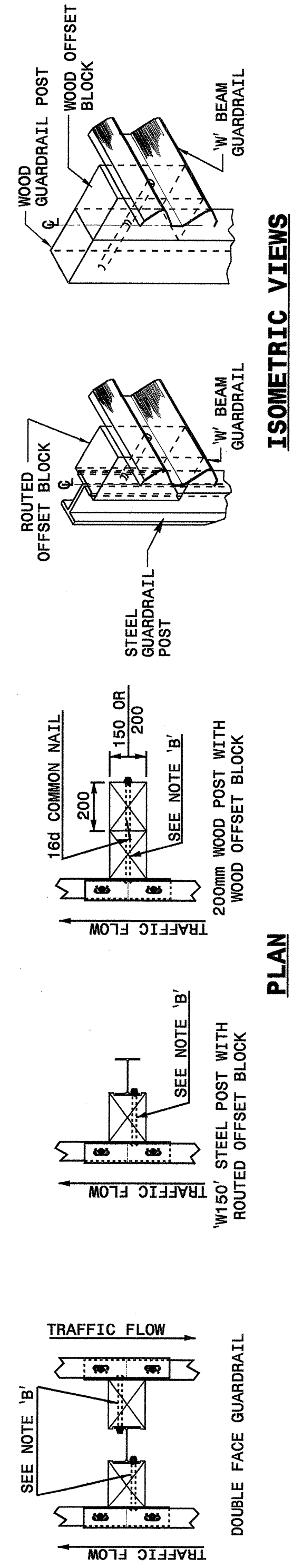
METRIC DETAIL DRAWING FOR
 GUARDRAIL INSTALLATION

SHEET 3 OF 7
862D02

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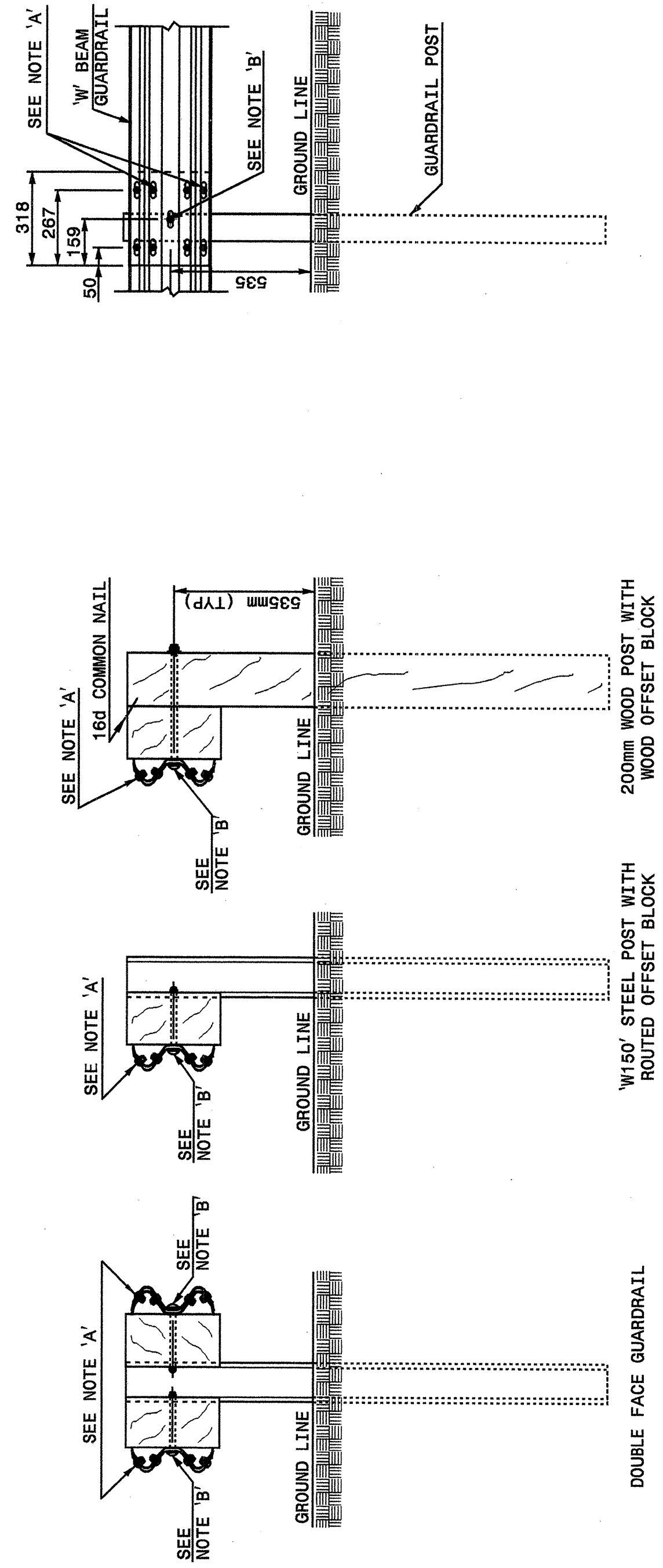
METRIC DETAIL DRAWING FOR
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SHEET 3 OF 7
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ISOMETRIC VIEWS

PLAN



FRONT

SIDE

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.

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

TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

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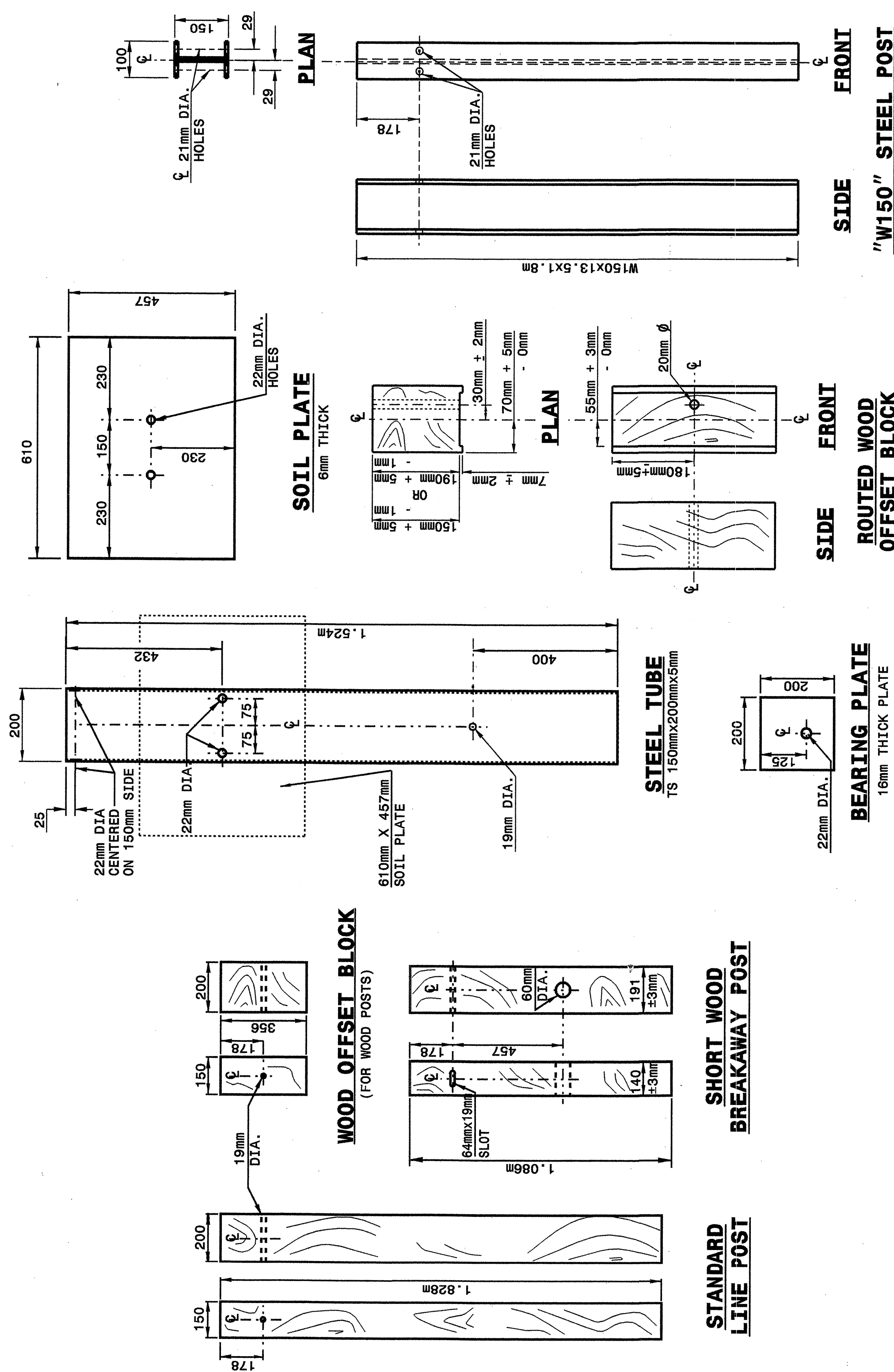
METRIC DETAIL DRAWING FOR
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SHEET 4 OF 7
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METRIC DETAIL DRAWING FOR
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SHEET 4 OF 7
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**DESIGN SERVICES UNIT
 STANDARDS AND SPECIAL DESIGN**
 Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

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