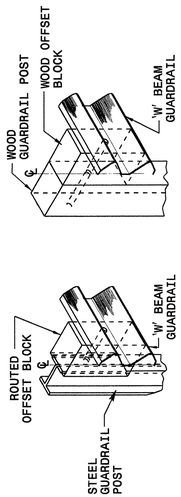
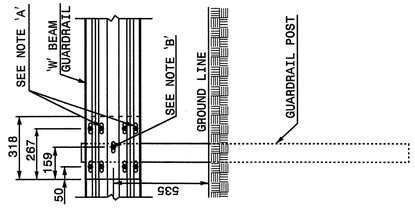
METRIC



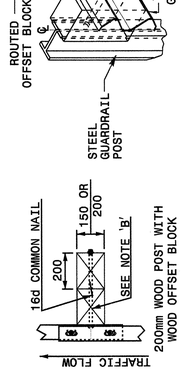
## ISOMETRIC VIEWS



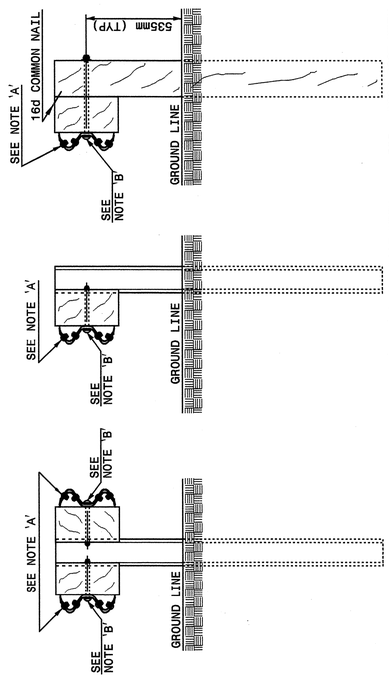

## FRONT




## PLAN




## 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.

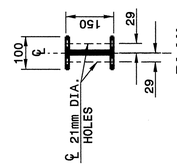
## TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

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

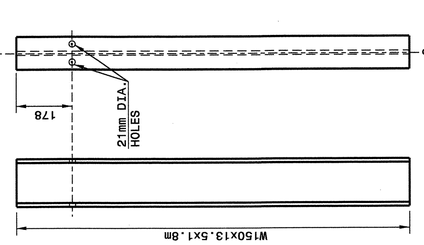




## PLAN




## FRONT

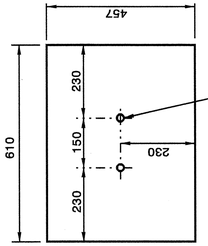



## SIDE

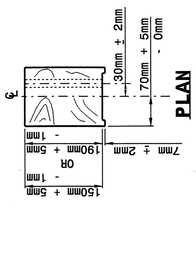
## "W150" STEEL POST

## SOIL PLATE

6mm THICK



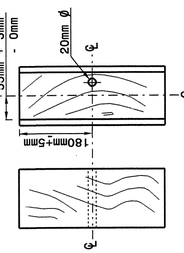

## PLAN



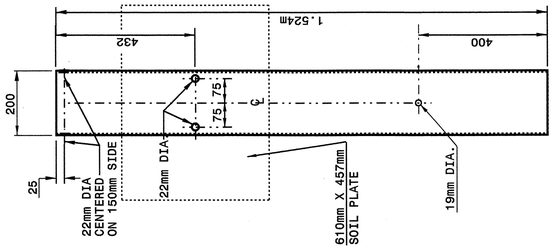

## SIDE

## FRONT

## ROUTED WOOD OFFSET BLOCK




## SYSTEM PARTS

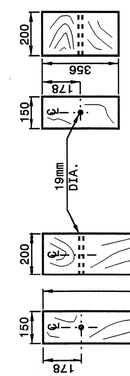



## STEEL TUBE

TS 150mmx200mmx5mm

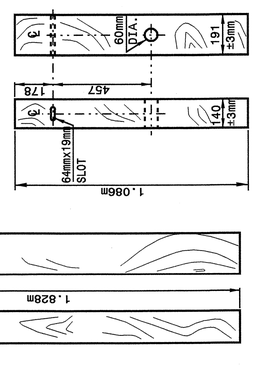
## BEARING PLATE

16mm THICK PLATE

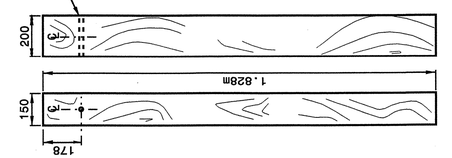



## WOOD OFFSET BLOCK

(FOR WOOD POSTS)




## SHORT WOOD BREAKAWAY POST




## STANDARD LINE POST

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



NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER JOEL S. HOWERTON 12/22/04

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: 7/3/06
FILE SPEC.: /dsr/stds/02todetail/metric/86202/862d02m.dgn

12-JUL-2004 15:07
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