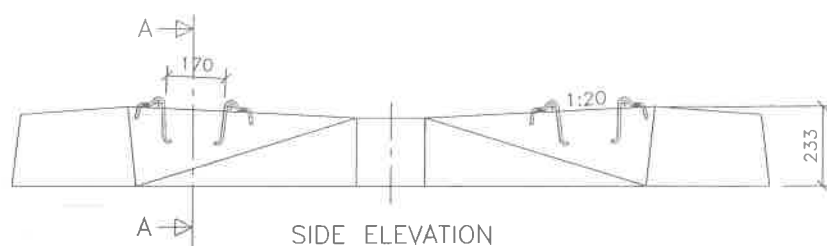
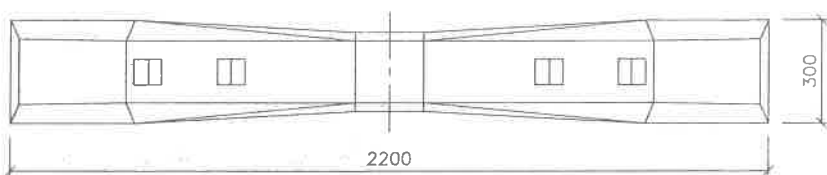


## Heavy haul sleepers

### PY sleeper



SIDE ELEVATION



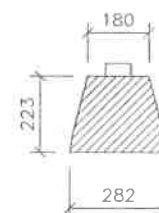
PLAN VIEW

Use: 48kg/m, 57kg/m, S60kg/m, UIC60kg/m rail

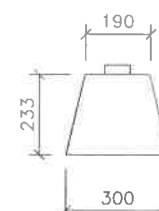
Weight:  $\pm 280$ kg

Type of fastener: 20mm Pandrol "e" clip

Type of shoulder: pressed steel (galvanised & ungalvanised)

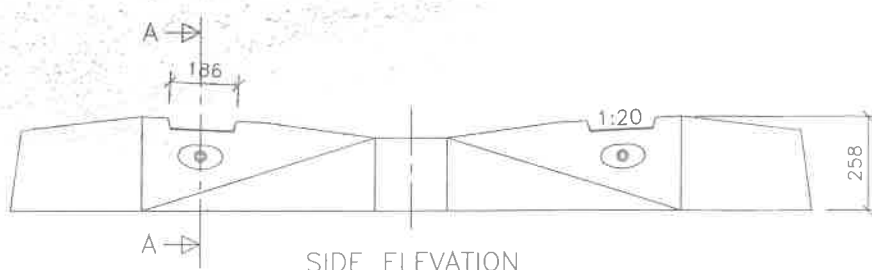


SECTION A-A

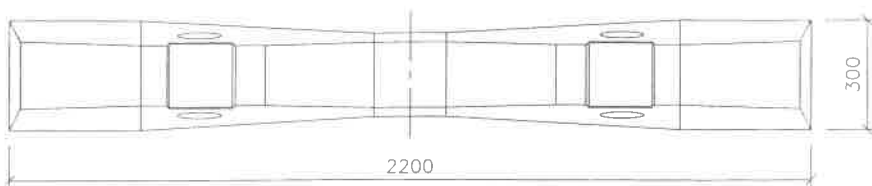


END VIEW

### FY sleeper



SIDE ELEVATION

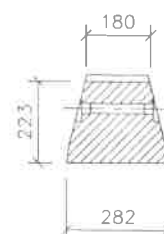


PLAN VIEW

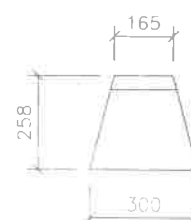
Use: 48kg/m, 57kg/m, S60kg/m rail

Weight:  $\pm 290$ kg

Type of fastener: Fist



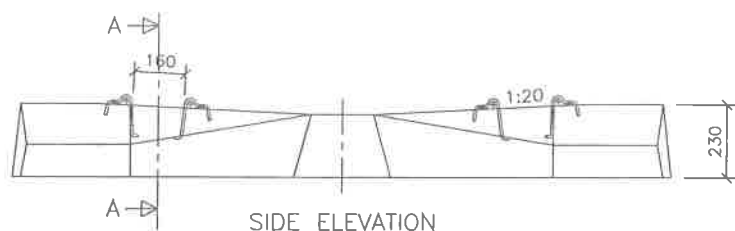
SECTION A-A



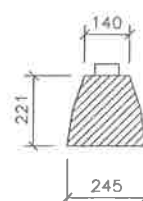
END VIEW

# Mainline sleepers

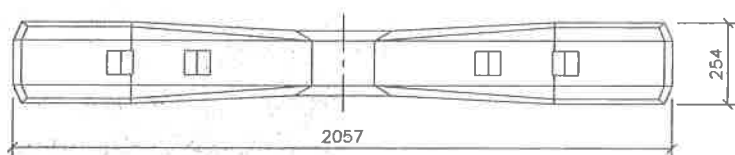
## P2 sleeper



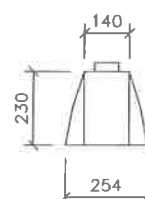
SIDE ELEVATION



SECTION A-A



PLAN VIEW



END VIEW

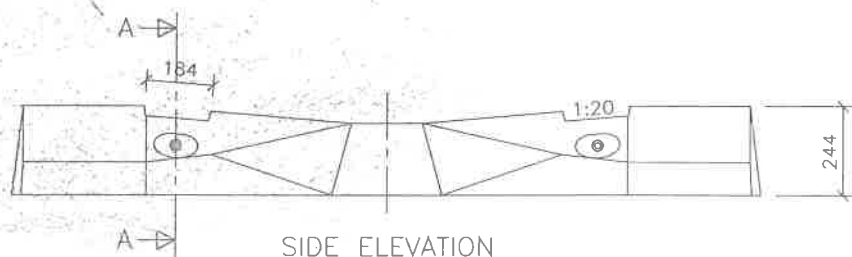
Use: 40kg/m, 48kg/m, 57kg/m rail

Weight:  $\pm 230$ kg

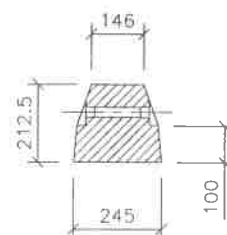
Type of fastener: 20mm Pandrol "e" clip

Type of shoulder: pressed steel (galvanised & ungalvanised)

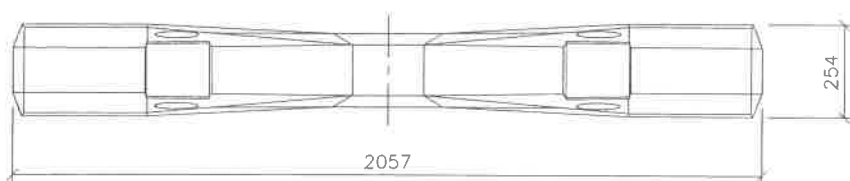
## F4 sleeper



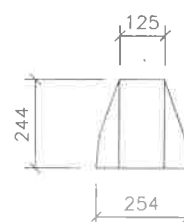
SIDE ELEVATION



SECTION A-A



PLAN VIEW



END VIEW

Use: 40kg/m, 48kg/m, 57kg/m rail

Weight:  $\pm 235$ kg

Type of fastener: Fist