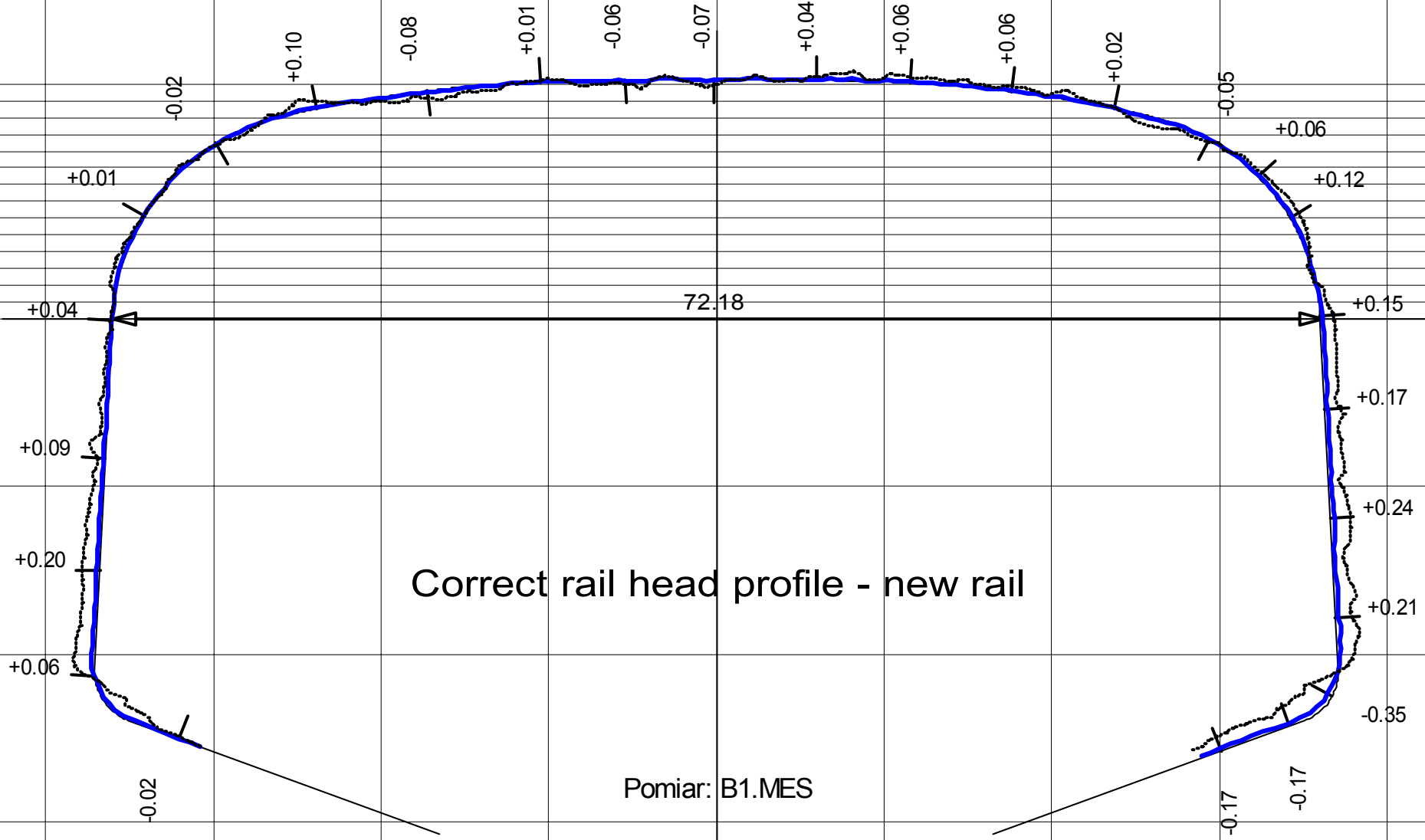


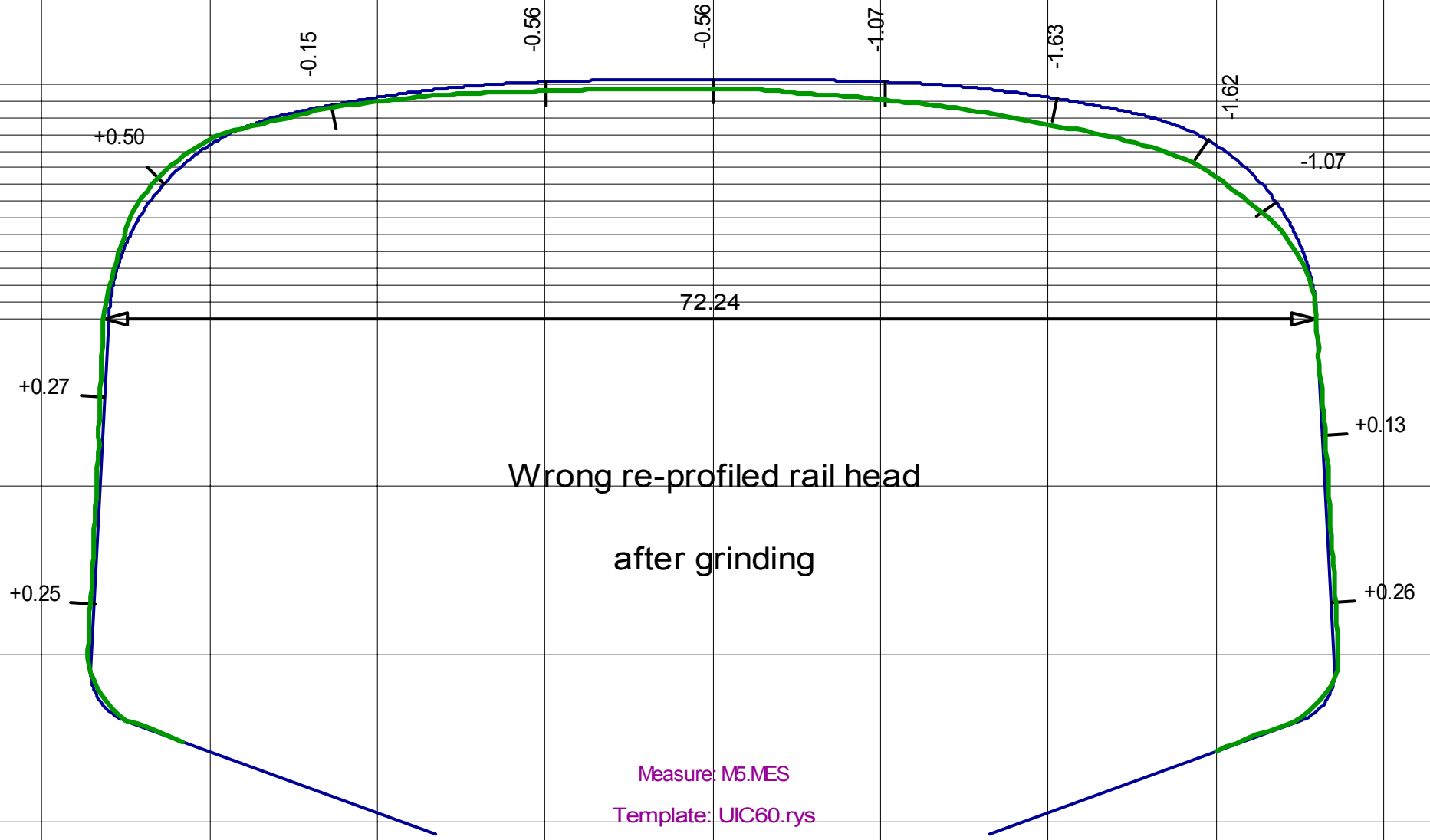
SIATKA 10\*10mm



Correct rail head profile - new rail

Pomiar: B1.MES

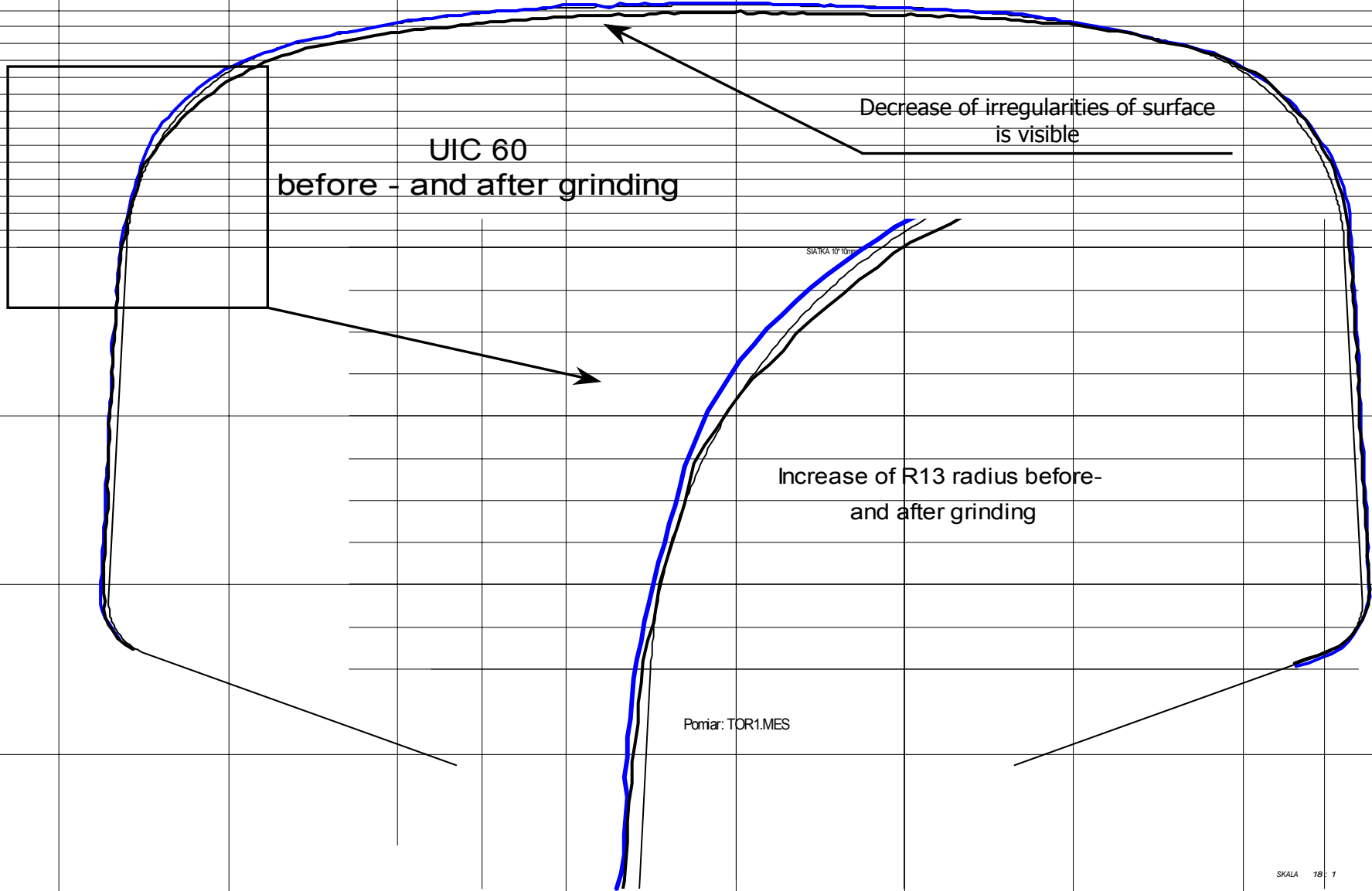
SIATKA 10\*10mm



Wrong re-profiled rail head  
after grinding

Measure: M5.MES  
Template: UIC60.rys

SIATKA 10\*10mm



UIC 60  
before - and after grinding

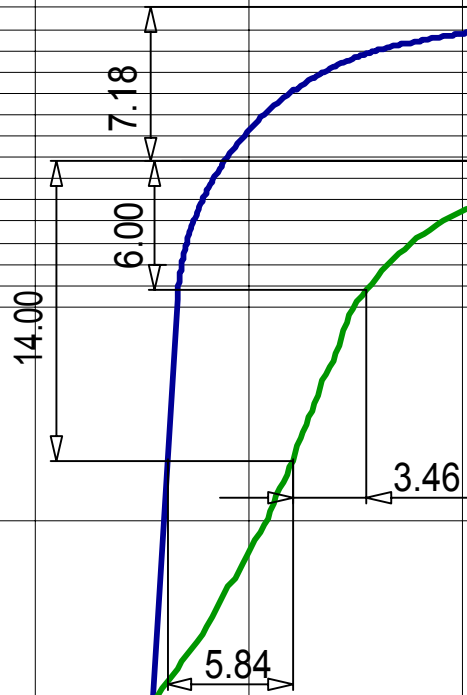
Decrease of irregularities of surface  
is visible

Increase of R13 radius before-  
and after grinding

Pomiar: TOR1.MES

SKALA 10 : 1

SIATKA 10\*10mm



Wear parameters :  
Ws = 7.18 mm  
gs = 5.84 mm  
qrs = 3.46 mm

Moment of inertia in x-x axis = 1547.326 cm<sup>4</sup>  
Moment of inertia in y-y axis = 296.691 cm<sup>4</sup>  
Sectional modulus in y-y axis = 46.8 cm<sup>3</sup>  
Sectional modulus of head = 206.4 cm<sup>3</sup>  
Sectional modulus of foot = 230.3 cm<sup>3</sup>  
Transverse section area = 57.65 cm<sup>2</sup>  
Rail head surface area = 25.05 cm<sup>2</sup>  
Centre of area : x= 0.85 , y = 67.19