

**Acceptance / Approval**  
 Following a detailed review we hereby confirm that this drawing is in accordance with contractual agreements and is accepted without modifications. You are authorized to start design engineering and production immediately.

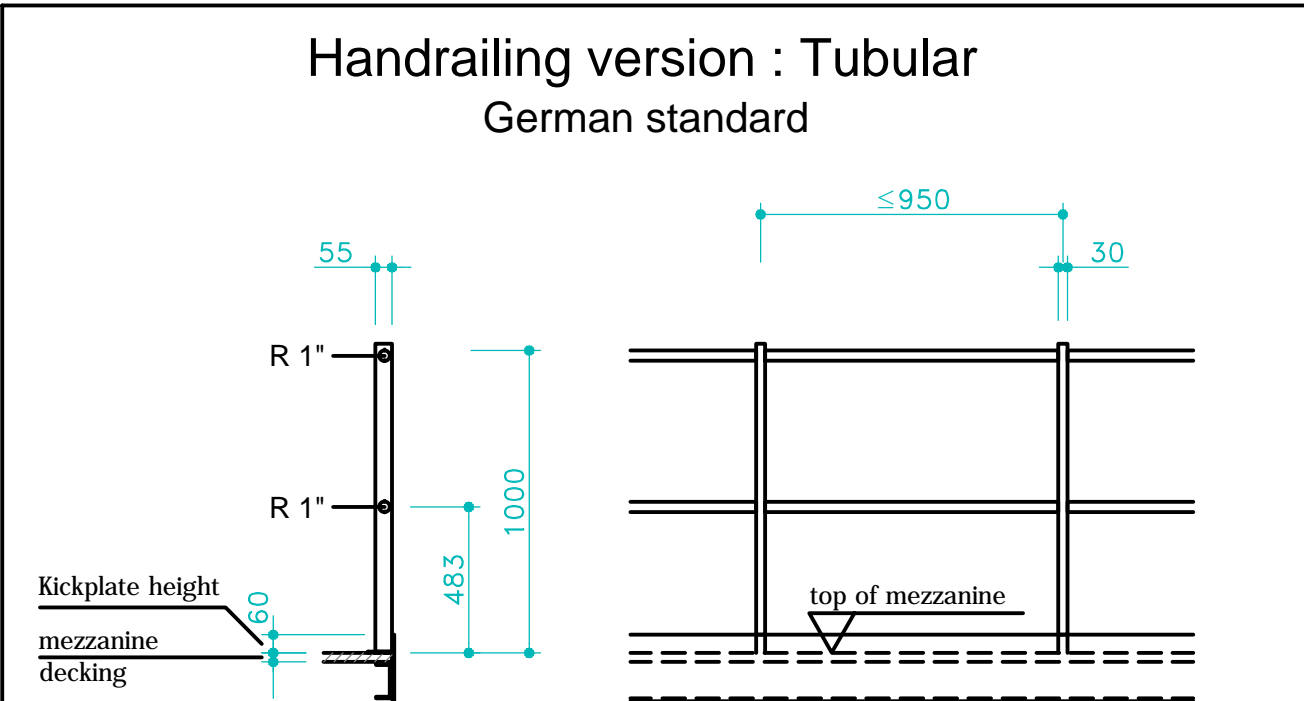
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 company stamp      place, date      authorized signature

**SCHÄFER**

Multi-level installation with mezzanine  
 order-nr.: 1866455      installed: 2014  
 max. load capacity by uniformly distributed load:  
 main aisles: 800 kg/m      picking aisles: 300 kg/m  
 shelving type: R3000      dividing shelf: 100/150/200mm  
 bay load: 2800 kgs

Manufacturers Fritz Schäfer GmbH D-57299 Neukirchen/Germany

Section A-A according drawing nr.: 01-0146813-10004



The modular shelving mezzanine is designed for further extension of 3th mezzanine level and 4th racking level, upper edge 3th mezzanine level = +8089 mm (load situation identical with 1st and 2nd mezzanine levels)

RWG = Mesh back panel  
 RWA = Outer back panel  
 SWI = Side panel  
 SWA = Outer side panel  
 KV = SSI-cross brace

Picking aisles are designed for picking trolleys traffic, max. 300 kg per trolley

# = rack frames only in 1st. rack level height = 2384 mm (not mezzanine supporting)

Mezzanine covering  
 Main aisle: Mesh gratings 44x11 mm, height = 30 mm  
 Picking aisle: Mesh grating 44x11 mm, height = 30 mm

All non-galvanized mezzanine Parts are painted silver-grey RAL7001!

u.d. load capacity:

main aisle	: 300 kg/m <sup>2</sup>
main aisle between X1 and X2:	800 kg/m <sup>2</sup>
picking aisle	: 300 kg/m <sup>2</sup>
bay load/level	: 700 kg

steel mesh panels 44x11 mm  
 Pallet-gate  
 kick board  
 kick board & hand rail

Row	Zone description	Dimensions (foot plates (mm))	Foot plate area (m <sup>2</sup> )	Effective area (m <sup>2</sup> )	Characteristic (permissible macro-mechanical weight)	Local pressure under the foot plate (kN/m <sup>2</sup> )	Design (permissible macro-mechanical weight)	Local pressure under the foot plate (kN/m <sup>2</sup> )
4.4.1	Mezzanine: Column C100	100	80	144	64,63	78,82	1,176	130,000
4.4.1	Mezzanine: Column C100	200	100	200	83,79	98,87	1,180	130,000
4.4.1	Mezzanine: Upright frames double	65	80	104	37,8	33,60	0,889	47,040
4.4.1	Mezzanine: Upright frames single	65	80	52	18,9	20,46	1,083	20,641

Regaleinrichtung mit Zwischenbühne, R3000      Shelving system with mezzanine, R3000  
 Stellplan 1. Regalebene      layout 1st level

Rev.	Description	Date	Author
E	Änderung gemäß E-Mail 15.07.2014	16.07.2014	Reichen, Viktor
D	Änderung gemäß E-Mail 10.07.2014	10.07.2014	Reichen, Viktor
C	Änderung gemäß E-Mail 07.07.2014	07.07.2014	Reichen, Viktor
B	Änderung gemäß E-Mail 03.07.2014	03.07.2014	Reichen, Viktor

Project: 01-0146813-10001 E