

Customer:

Code:

Project:

Unit:

Delivery address:

Requested delivery date:

remark / others:

floorfinish in accordance to DIN 18202 ±2 mm required

Execution subject to technical confirmation

attention!
Changes after the release go debited to the client!

Responsible checked and approved for manufacturing!

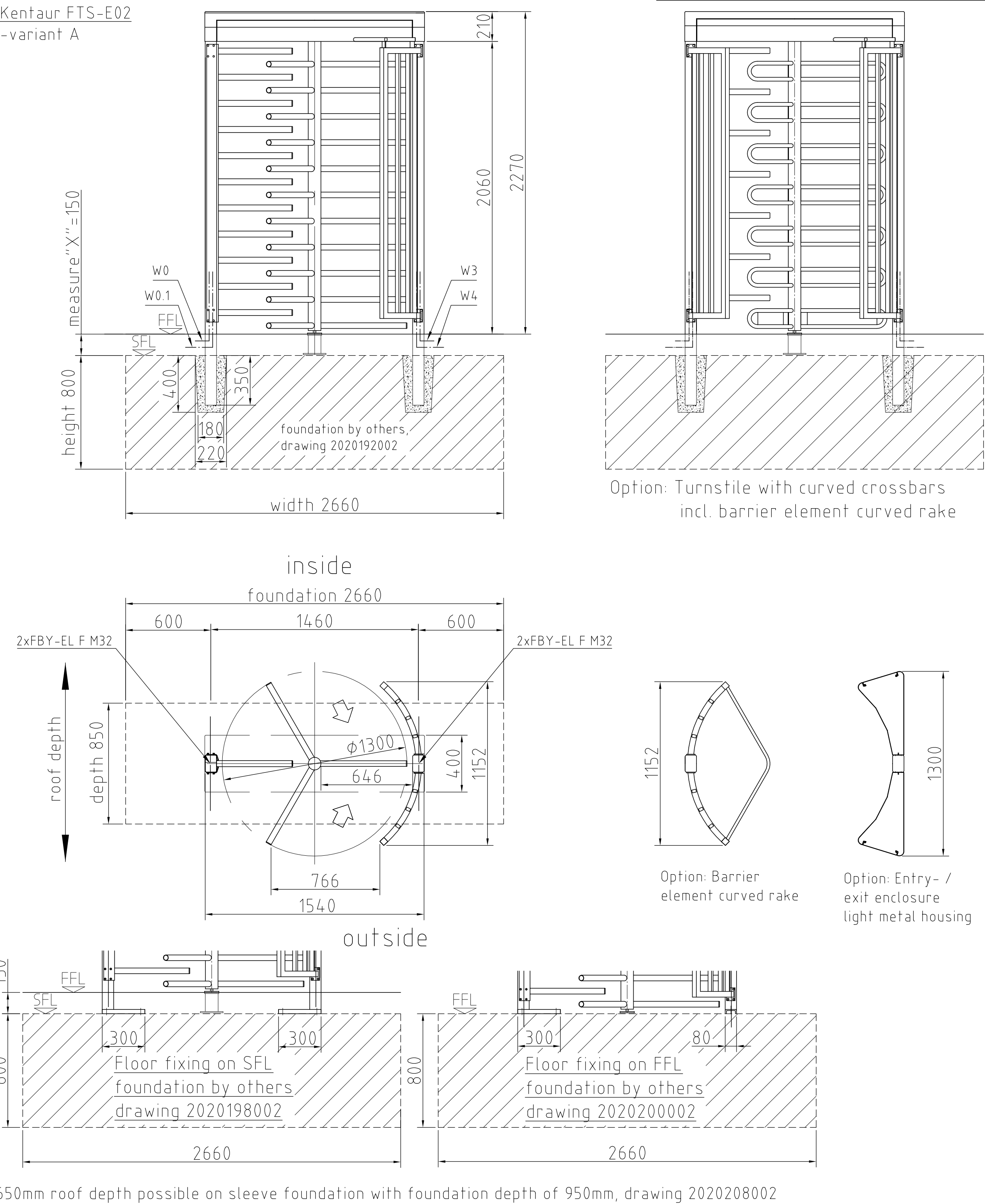
DateSignature

Dimensions to be checked on site

All lines to be flexibly
All lines information are minimum information

W0: Main supply, 100-240VAC / 50-60Hz / 75VA / 3x1,5mm²
W4: Control of the reader system (according to data of the system supplier)
Optional cable details:
W1: Lighting, 220-240VAC / 50Hz / 40W / 3x1,5mm²
W3: -OPL05 Control desk line 2x2x0,34mm² / Cat 5
Trip line shielded and stranded in pairs (only by type 2)
-OPL02 Control desk line 10x2x0,14mm² / 10x2x0,6mm
Trip line shielded and stranded in pairs (only by type 1.1 and 1.2)

Kentaur FTS-E02
-variant A



		7		8		9		10		11		12	
Kentaur FTS-E02 Positions-Nr.: 19082015													
Brief description basic equipment													
-Portal width = 1540mm, total height = 2270mm, Passage height = 2060mm, passage width = 646mm													
-Portal and housing made of steel, lockable maintenance openings made of aluminium													
-120° rotating unit: tubular column Ø89mm with each 11 straight crossbars Ø40mm made													
of stainless steel glossy AISI 304 (1.4301, V2A) with black plastic covering caps													
-Barrier element with 11 straight crossbars Ø42mm made of steel													
-Passage enclosure with steel sections													
-Finish: Turnstile in stainless steel glossy, steel elements hot-dip galvanized, aluminium elements in RAL 9006													
-Electric: Control system integrated in the unit, power supply 100-240 VAC 50/60 Hz													
-Installation: In sleeve foundation measure X=150mm													
-Protection class: housing IP33, components conducting supply voltage IP43													
Variant													
☐ variant A (inward right), ☐ variant B (inward left)													
Function													
☐ 19080327 type 0 manual motion, mechanically free in one direction / opposite direction blocked													
☐ 19084200 type 1.1 manual motion, one direction electrically controlled / opposite direction blocked													
☐ 19084201 type 1.2 manual motion, two direction electrically controlled													
☐ 19080328 type 2 power assisted motion, servo-positioning drive / 2 directions electrically controlled													
Function variant for type 0 or type 1.1													
☐ entry blocked / exit accessibly													
☐ entry accessibly / exit blocked													
Behaviour in case of power failure													
-type 1.1: <u>2 direction blocked</u> ☐ entry free / exit blocked ☐ entry blocked / exit free													
-type 1.2: <u>2 direction blocked</u> ☐ 2 directions free													
-type 2: <u>entry blocked</u> ☐ free													
<u>exit free</u> ☐ blocked													
Construktion													
Entry-/exit enclosure													
☐ 19084227 perforated plate décor, pattern infill in stainless steel glossy (diameter of holes 5mm)													
☐ 19084230 glass filling, 8mm laminated glass filling													
☐ 19084224 perforated plate, enclosure with perforated steel plate hot-dip galvanized (diameter of holes 10mm)													
☐ 19080337 stainless steel, housing in stainless steel glossy with lockable front panel inside													
and outside, intended for integration of components provided by customer.													
☐ 19080336 light metal housing plastic coated acc. to RAL with lockable front panel													
inside and outside, intended for integration of components provided by customer.													
☐ 19080335 light metal housing silver anodized with lockable front panel inside													
and outside, intended for integration of components provided by customer.													
Roof D1, roof protection on the unit against climbing over and for weather protection.													
Steel sub-construktion hot-dip galvanized, trapezoidal plate covering in RAL 9002,													
For multiple units we deliver one oversized roof. The distance between the units is 50mm.													
☐ 19084273 Width = 1820mm, depth = 1500mm, height = 130mm													
☐ 19080373 Width = 1820mm, depth = 2770mm, height = 130mm													
☐ 19084292 steel sub-construktion for roof D1 hot-dip galvanized and													
additional powder coated according to RAL.....													
Roof D2, roof protection on the unit against climbing over and for weather protection.													
Steel sub-construktion hot-dip galvanized, trapezoidal plate covering in RAL 9002 with roof fascia													
silver anodized and water drainage in PVC grey. For multiple units we deliver one oversized roof.													
The distance between the units is 50mm. The fascia is continuous. The length is max. 9m.													
☐ 19080380 Width = 2000mm, depth = 2820mm, fascia = 200mm													
☐ 19084278 Width = 2000mm, depth = 3740mm, fascia = 200mm													
Installation with sleeve foundation and reinforced posts only													
☐ 19084279 Width = 2000mm, depth = 4650mm, fascia = 400mm													
Installation with sleeve foundation and reinforced posts only													
☐ 19080630 Steel sub-construktion for roof D2 hot-dip galvanized and													
additional powder coated according to RAL.....													
Roof D3, roof protection on the units against climbing over and for weather protection.													
Steel sub-construktion hot-dip galvanized, trapezoidal plate covering in RAL 9002 with roof fascia													
silver anodized and water drainage in PVC grey, roof underneath aluminium panel cladding in lotus with.													
For multiple units we deliver one oversized roof. The distance between the units is 50mm.													
The fascia is continuous. The length is max. 9m.													
☐ 19080384 Width = 2000mm, depth = 2820mm, fascia = 200mm													
☐ 19084286 Width = 2000mm, depth = 3740mm, fascia = 200mm													
Installation with sleeve foundation and reinforced posts only.													
☐ 19084287 Width = 2000mm, depth = 4650mm, fascia = 400mm													
Installation with sleeve foundation and reinforced posts only.													
Roof D4, roof protection on the unit against climbing over and for weather protection. Steel sub-construktion													
hot-dip galvanized, curved plexiglass cover, sidewise gutters in steel plate galvanized and water drainage													
in PVC grey. Average snowload 75kg/m², higher snow loads on request. With multiple units a roof is delivered,													
whose number of curved roof corresponds to the number of units. The distance between the roofs is 50mm.													
☐ 19084431 Width = 1760mm, depth = 2000mm, height = 500mm													
☐ 19080995 steel sub-construktion for roof D4 hot-dip galvanized and													
additional powder coated according to RAL.....													
Roof fascia 200 (for roof D2 and D3)													
☐ 19080631 roof fascia 200mm, powder coated according to RAL.....													
☐ 19084322 roof fascia 400mm, powder coated according to RAL.....													
Trapezoidal plate (for roof D1, D2 and D3)													
☐ 19084293 powder coated according to RAL.....													
Water drainage (for roof D2, D3 and D4)													
☐ 19084300 in stainless steel, surface glossy instead of grey for roof.													
☐ 19084299 powder coated according to RAL.....													
Rotating unit constriction													
☐ 19086897 constriction of passage way according to a 90° rotating unit by additional brackets on the bars													
Barrier element curved rake													
☐ 19084233 lock-out with curved barrier element, hot-dip galvanized instead of straight crossbars													
☐ 19084234 lock-out with curved barrier element, powder coated according to RAL instead of straight crossbars													
Turnstile with curved crossbars													
☐ 19086993 in stainless steel AISI 304 (1.4301, V2A) incl. curved barrier element (hot-dip galvanized)													
Rotating unit													
☐ 19084239 in stainless steel AISI 316 (1.4404 or 1.4571, V4A)													
☐ 19087042 plexiglass bars, elements in transparent plexiglass insted of straight cross bars,													
incl. lock-out with curved barrier element (hot-dip galvanized)													
☐ 19081400 in stainless steel additional powder coated according to RAL.....													
Manual unlocking													
☐ 19080387 unlocking by turning lever with profile half cylinder, exchangeable for profile half cylinder													
by the customer for master key system. One lever for each direction (entry/exit), installed in maintenance flap.													
Mechanical lock (only by type 0)													
☐ 19084302 Lock box in stainless steel for mounting on crossbar of turnstile column,													
incl. locking plate fixed to portal post. Profile cylinder provided by customer													
Finish													
☐ 19080349 Portal, housing, enclosure and turnstile completely in stainless steel glossy AISI 304 (1.4301, V2A)													
☐ 19080346 Steel and aluminium parts additionally finished with powder coating according to RAL.....													
Function													
Difference counter (only by type 2)													
☐ 19080338 for 2 directions installed inside of portal housing													
Counter for 1 direction													
☐ 19080329 installed inside of portal housing (incl. micro switch and battery for type 0)													
Random generator (only by type 2)													
☐ 19080321 with average relative selection frequency unrestricted to be parametrised													
☐ 19080323 with horn, for door system with external drive not integrable inside the system													
Electricity													
Power supply plug 24 VDC / 1A (only by type 2)													
☐ 19081868 to supply external nodes (e.g. OPL05, additional I/O board ETS 21), requirement on demand.													
Uninterrupted power supply (not by type 0)													
☐ 19084301 for 100% load appr. 70min. power supply, installed in separate space.													
Planning costs reader installation (not by type 0)													
☐ 19080360 one-time planning costs for similar reader types for technical clarification and drawings													
Installation preparation on flat surface (not by type 0)													
☐ 19080361 rectangular cut-out for readers provided by customer													
Installation plate (to integrate components provided by customer)													
☐ 19081490 installation plate installed in aluminium housing (one side), width = 400mm, height = 500mm													
☐ 19081491 in PEL Telescope, installation plate installed in aluminium housing (one side) with													
telescope rails, width = 400mm, height = 500mm													
Console (not by type 0)													
☐ 19084079 Console 1, plastic in colour of door, W=94/H=94/D=65mm with cut-out Ø 65mm.													
☐ 19081684 Console 1, plastic in RAL 9006, W=94/H=94/D=65mm with cut-out 65mm.													
☐ 19084080 Console 2, aluminium in colour of door, W=140/H=180/D=110mm													
☐ 19081685 Console 2, aluminium in RAL 9006, W=140/H=180/D=110mm													
☐ 19084081 Console 3, aluminium in colour of door, W=140/H=365/D=110mm													
☐ 19081686 Console 3, aluminium in RAL 9006, W=140/H=365/D=110mm													
☐ 19084418 Console 2 or 3 in stainless steel instead of aluminium (additional charge)													
Plastic resp. Stainless steel front panel (not by type 0)													
☐ 19084257 plastic panel in RAL 9006 resp. stainless steel for consoles 2 and 3 instead of aluminium.													
Coins (not by type 0)													
☐ 19084269 coins for coin-acceptor unit (price per 100 pieces)													
Coin-acceptor unit (not by type 0)													
☐ 19084268 electromechanical, with collection box, installed in aluminium housing or console for coins													
☐ 19081566 electronical, with collection box, installed in aluminium housing or console for Euro or coins													
Push-button (not by type 0)													
☐ 19080363 for manual single release (integrated in flat surface, thus secured against vandalism)													
Electro key switch (not by type 0)													
Intended for flush-mountedsocket installation e.g. in a console 2 or column													
☐ 19080371 for manuel single release (profile cylinder provided by customer). One contact													
☐ 19080371 for manuel permanent release (profile cylinder provided by customer). One contact													
Operating panel													
☐ 19084259 (only by type 1.1 and type 1.2) OPL 02 without I/O board for installation in flush-mounted-socket													
with grey single installation frame. Outer dimension: 80mm x 80mm. Film keypad with six pushbuttons and six													
green LEDs. Maximum of four functions to be parameterised (details to be found in document 30078)													
☐ 19084434 (only by type 2) OPL 05 for installation in flush-mounted socket with grey single installation frame.													
Outer dimension: 80mm x 80mm. Film keypad with six pushbuttons and six green LEDs													
Functions to be parameterised (details to be found in document 30078)													
☐ 19084260 single housing for surface installation grey (not by type 0)													
☐ 19084261 double housing for surface installation grey (not by type 0)													
☐ 19084262 triple housing for surface installation grey (not by type 0)													
☐ 19084263 double frame grey (not by type 0)													
☐ 19084264 triple frame grey (not by type 0)													
Signal device (not by type 0)													
☐ Installation in maintenance openings													
☐ Installation in light metal housing													
☐ 19084265 Signal device LED arrow-cross pictograph red/green (Ø90mm) on both sides installed in the													
housing, long life cycle, 11 years half-life, intensive luminosity. Installation in convex surface on request													
☐ 19080000 LED arrow-cross pictograph 45° red/green (Ø90mm) Description see order no.: 19084265													
☐ 19080365 signal device red/green Ø 35mm on both sides, installed in housing													
Lighting													
☐ 19084297 fluorescent tubes, 2 lighting tubes arranged in walking direction for roof D1													
(depth min. 2770mm) or D2 (depth 2820mm). Power consumption 18W													
☐ 19084298 integrated in panels, 2 lighting units arranged in walking direction for roof D3, power consumption 18W													
☐ 19084296 energy-saving, 2 lighting units arranged in walking direction for roof D1, D2, D4													
power consumption 9W, luminosity=60W, life cycle appr. 8000h													
Twilight switch													
☐ 19081630 for lighting activation													
Additional I/O board (only by type 2)													
☐ 19084051 the I/O extension board has 6 potential-free inputs and outputs each to connect													
components by others (e.g. operating panel)													
☐ 19081790 with plastic box, the I/O extension board has 6 potential-free inputs and outputs each													
to connect components by others (e.g. operating panel)													
End wiring distributor (only by type 2)													
☐ 19081800 to connect maximum four OPL05 or I/O boards for the control of maximum eight networking units													
Installation													
Pre-assembled turnstile unit													
☐ 19084303 Turnstile will be assembled and programmed at the factory (only FFL and SFL floor fixing).													
Attention: regard installation heigh!! To be transported in closed lorry!													
Floor fixing													
☐ 19080357 floor fixing on finished floor level FFL measure x=0													
(if floor can be doweled, installation of roof is possible up to 2820mm)													
☐ 19080358 floor fixing on structural floor level SFL measure X= 150mm													
(if floor can be doweled, installation of roof is possible up to 2820mm)													
☐ 19080359 special measure, floor fixing on structural floor level SFL measure X<200mm													
(if floor can be doweled, installation of roof is possible up to 2820mm)													
Index Änderung													
KABA													
Kaba Gallenschutz GmbH Tel.: 07223/286-0													
Nikolaus-Otto-Str. 1 x D-77815 Bühl Fax: 07223/286-111													
Client													
Project													
Date Name scale Title													
sign. 09.01.2002 MLZ 1:20 Kentaur FTS-E02													
check. 01.09.2008 H+S													
Drawing No. 200 8944 002F													
Job-No.													
protection mark under DIN 34-2-E substitute for													
replaced by													