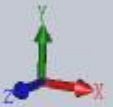
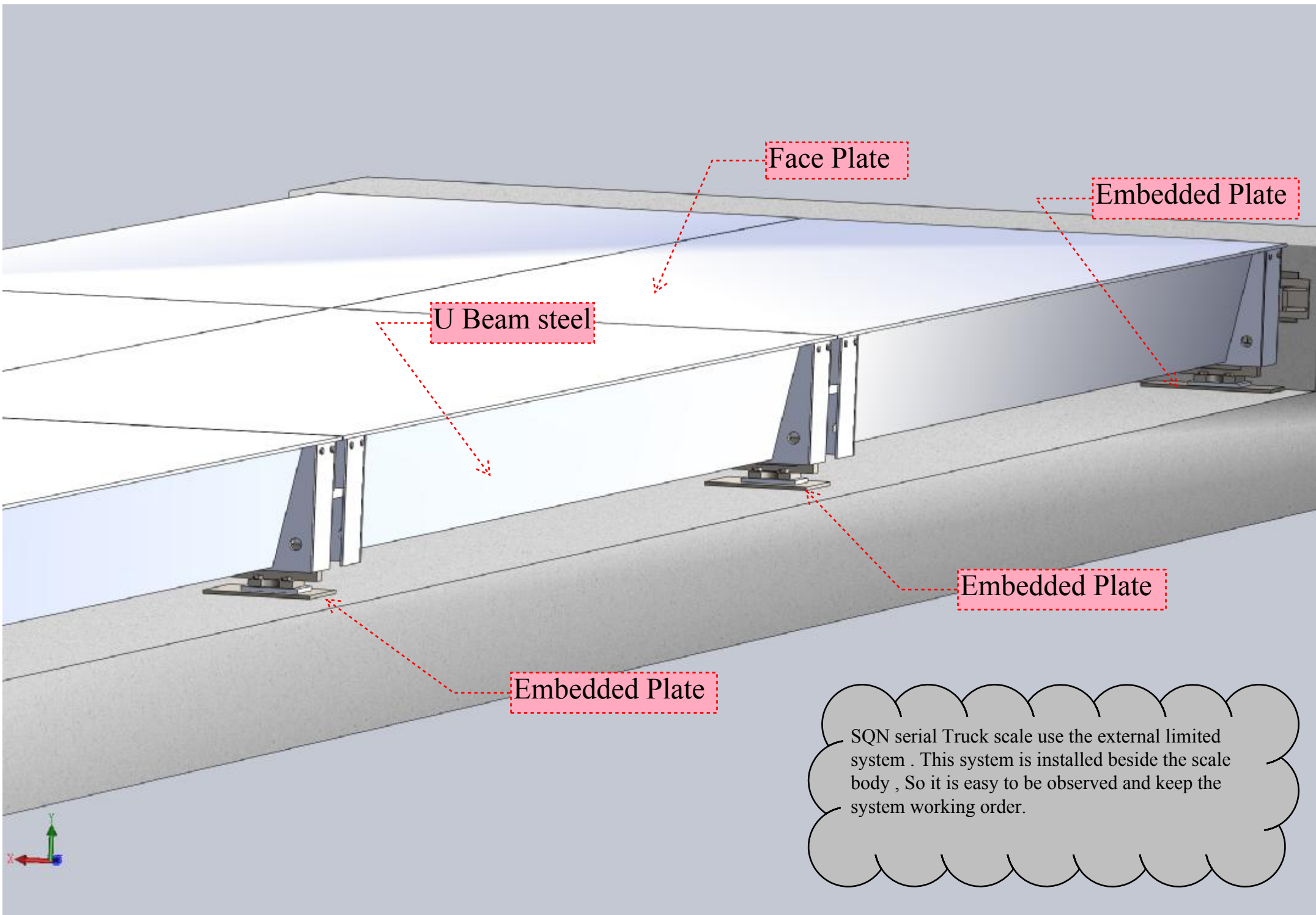


This type of truck scale is designed as no connected cover board. There is no movable board on the surface, so external form is beautiful and dignified. The strong point of the scale-----load cells are coincide with force points. So the turning torque which effected by the axle of the truck is Zero. It makes center of gravity in the scale stable.

Concrete Foundation
(Refer to the drawings)

SQN
Truck Scale





Face Plate

Embedded Plate

U Beam steel

Embedded Plate

Embedded Plate

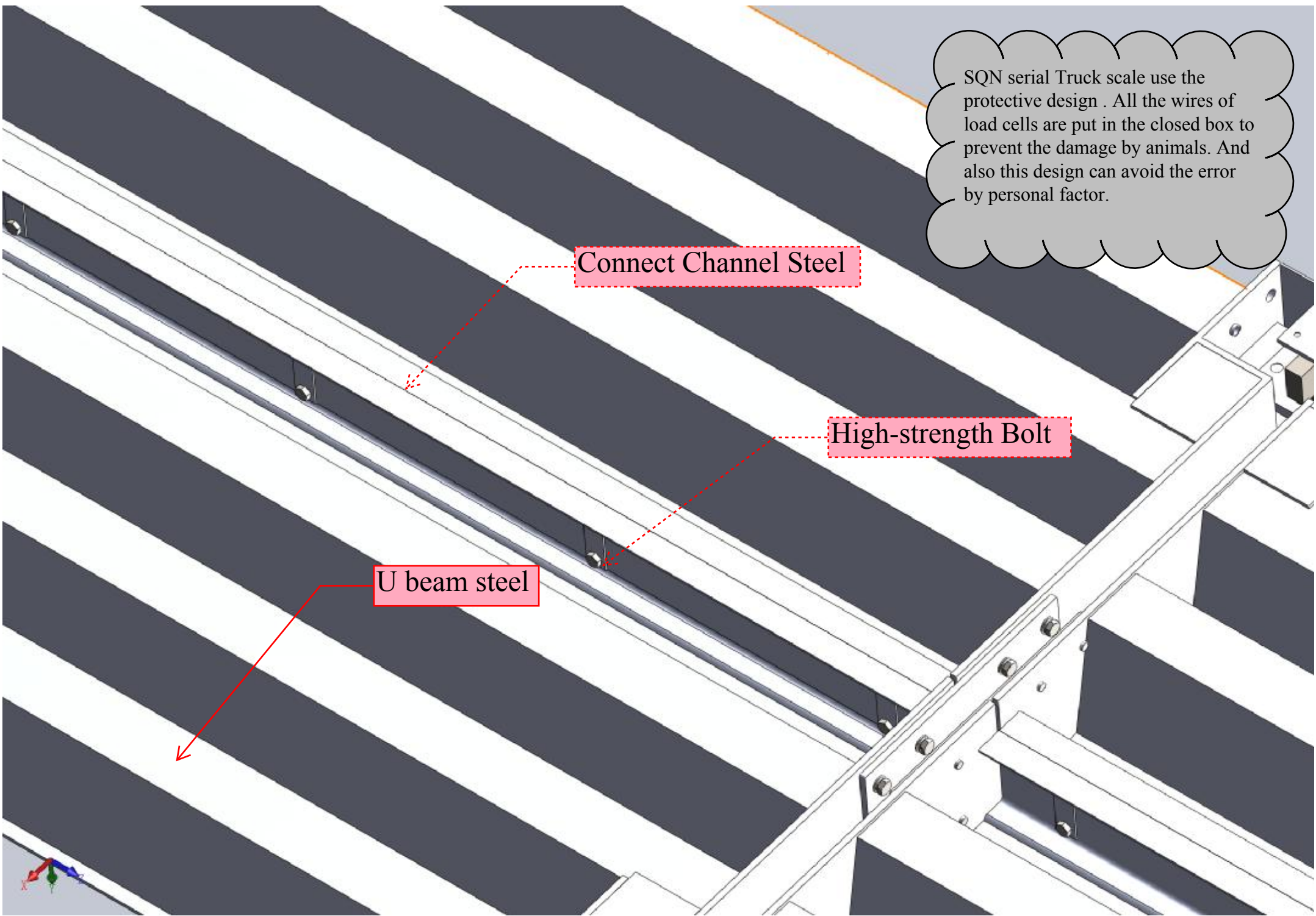
SQN serial Truck scale use the external limited system . This system is installed beside the scale body , So it is easy to be observed and keep the system working order.

SQN serial Truck scale use the protective design . All the wires of load cells are put in the closed box to prevent the damage by animals. And also this design can avoid the error by personal factor.

Connect Channel Steel

High-strength Bolt

U beam steel



High-strength Bolt

SQN serial Truck Scale use the “ball-type” structure load cell. This kind of structure have these advantages :
1. automatic reset and regulation ; 2. good lateral force resistance characteristics.

It makes the scale body forced direction down, with good stability and repeatability . It can makes the scale body stable in very short time. Installation and test is convenient . Grade of Protection is IP68.

Scale Body

Connect Board



The scale body use special moistureproof and seal processing ,the load bearing design : it use Bridge-type load cells , and this kind of load cell can Reduced impact on the accuracy error caused by deformation .

Dowel

Connect Sreews

Hole for hoist



Ground connection of Scale body and power are separated to avoid interruptions . ground resistance is less than 4 Ohm. The scale body connected to the earth screen by special ground wire. Load cells installation use a piece of cooper lines with many shares weaving. This can protect the load cells from the accident current. surge proof junction box can prevent of electric shocks and failures caused by static electricity.

High-strength Limited Bolt

Embedded Plate

Waterproof board

QS load cell

Transition board

Embedded Plate



Limited Board
(Welded on the embedded Plate)
Attention:keep 3mm gap with scale body

Hole for hoist

