

Technical Requriement

- 1. The allowed bearing capacity of the groundsill f ≥ 100k pa(i.e. 10t/m). The groundsill strengthening requirement: the bearing capacity of each preburied foundation plate should be ≥ 25t, the endlong long should bear ≥ 5t. When the foundation plate is beared with weight, there should be no phenomenon of sinking or lossing.
- 2. In the drawing all the sizes are in mm, " Φ " is $\rm\,I\,$ degree reinforcing steel bar, " Φ " is $\rm\,II\,$ reinforcing steel bar.
- 3. The bottom of the girder of the foundation and the bottom of the ramp should have a 100 thick C10 concrete layer. After the earth is compacted, there should have a layer of detritus as in the drawing. In the other part of the ramp, there should be a layer of 250 thick detritus under the concrete plate. The concrete used in the foundation and ramp are all C30.
- 4.The right angle at end of the foundation should be buried with 50^*50^* δ 5 mm angle steel welded with $\Phi 8$ bracing for protection. It is suggested that on top of the ramp, there should be a gap in each 2m and filled with asphaltum and woodwool board, and on top fill with asphaltum.
- 5. C30 concrete pouring is prefered to be poured once, and the error the load cell center(the foundation plate center) and the catercorner, the size of the four sides of the foundation and the catercorner, the size of the load cell bearing center and the four sizes of the foundation and the catercorner should not be more than +5mm.
- 6. the follwing requirment should be met: the surface of the foundation plate should be on the same level, the error between them should not be over 3mm. the levelness of the surface should not be over 5/1000. The foundation should be buried solid and should be no room with the concrete. The center line of the foundation plate should be kept clear for check before installation.
- 7.2" wire pipe is for connecting the signal wire to the loading room, the length should be fixed according to the place of the loading room, the pipe should not be more than 6m normally, the turning should be smooth, or it will be hard to go through the wire.
- 8. The four side of the room should have enough place for the cranes to lift and place the truck scales and for installation. If the customer needs to build a fence on the two sides of the truck scale, you should do that after the installation and make sure of the drainage or construct a awning.
- 9. Neverins tall the truck until the foundation is 100 % dry.
- 10. the loading room is better to be away from the foundation, the loading room should have three pin AC power connecting to the earth. The power used by the truck scale should be connected to the earth.

