

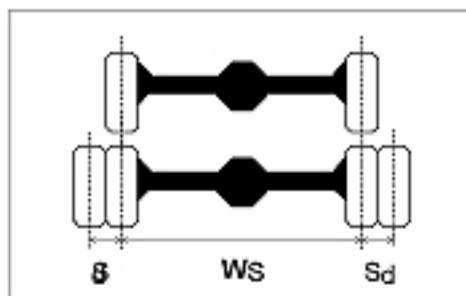
# Floor Slab on Ground Design Information Sheet

Project: \_\_\_\_\_ Size: \_\_\_\_\_ square feet

1. Sub-base: k-value: \_\_\_\_\_ pci, Directly beneath floor is (circle one):  
Sand or gravel or blended sand & gravel or 1 layer poly or 2 layers poly

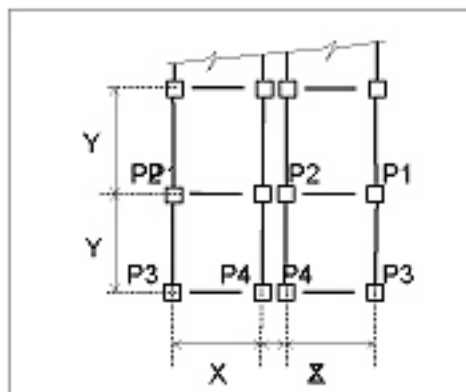
2. Concrete Compressive Strength: \_\_\_\_\_ psi.

3. Lift Truck Capacity: \_\_\_\_\_ lb. Mfr./Model: \_\_\_\_\_ / \_\_\_\_\_  
Maximum Axle Load: \_\_\_\_\_ lb. Tires: Solid or Pneumatic  
Tire Width: \_\_\_\_\_ in.; Pressure: \_\_\_\_\_ psi  
Wheel spacings:  
Ws: \_\_\_\_\_ in., Sd: \_\_\_\_\_ in.



4. Should floor be designed for vehicle traffic across floor joints? Yes or No

5. Storage Rack Loads: Design Post Loads (lb.):  
P1: \_\_\_\_\_, P2: \_\_\_\_\_, P3: \_\_\_\_\_, P4: \_\_\_\_\_  
Base Plate: \_\_\_\_\_ by \_\_\_\_\_ in.



- Spacings (in.):  
X: \_\_\_\_\_, Y: \_\_\_\_\_, Z: \_\_\_\_\_ (Z can be zero) Should floor be designed for posts located adjacent to floor joints? Yes or No

6. Uniformly Distributed Load (psf): \_\_\_\_\_ Set aisle widths? Yes or No  
If set aisle width: Width(s): \_\_\_\_\_ ft

7. Line Load (i.e. wall supported on floor): \_\_\_\_\_ plf, Line Load width: \_\_\_\_\_ in  
Should floor be designed for wall located adjacent to floor joints? Yes or No

8. Interior or Exterior application \_\_\_\_\_

9. Maximum joint spacing: Length x Width \_\_\_\_\_ ft x \_\_\_\_\_ ft.

10. Temperature gradient between top and bottom floor surface: \_\_\_\_\_ ° F.

11. Age of floor when above design loads are applied (3, 7, 14, 28 or 90 days): \_\_\_\_\_ days

12. For estimating shrinkage stresses: Relative humidity: \_\_\_\_\_ water/cement ratio: \_\_\_\_\_

By: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

