

Figure 1 PEER-UC Berkeley Shaking Table

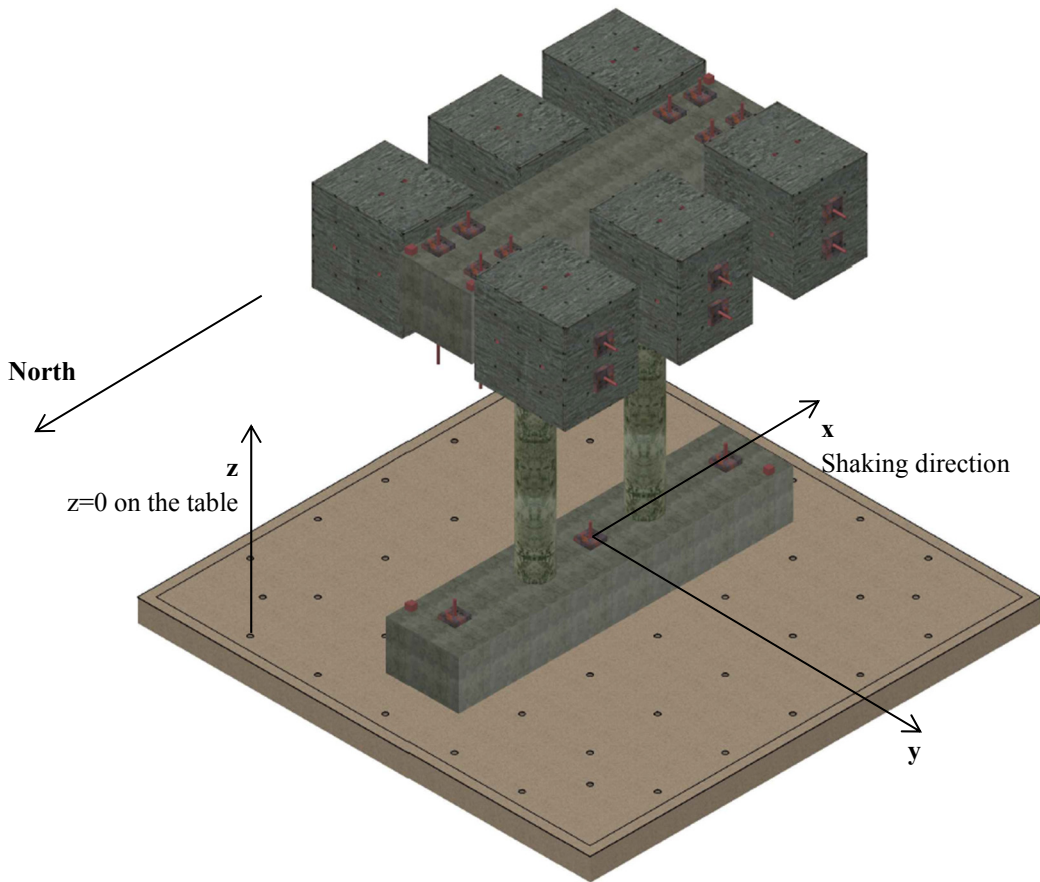


Figure 2 Overview of specimen

Table 1 Specimen component masses

Component		Mass (kg)
Foundation		6555
Column	North	1725
	South	1715
Cap Beam		7060
Inertial Blocks	North-West	3550
	Center-West	3540
	South-West	3540
	North-East	3570
	Center-East	3550
	South-East	3520
Grout Fill		635

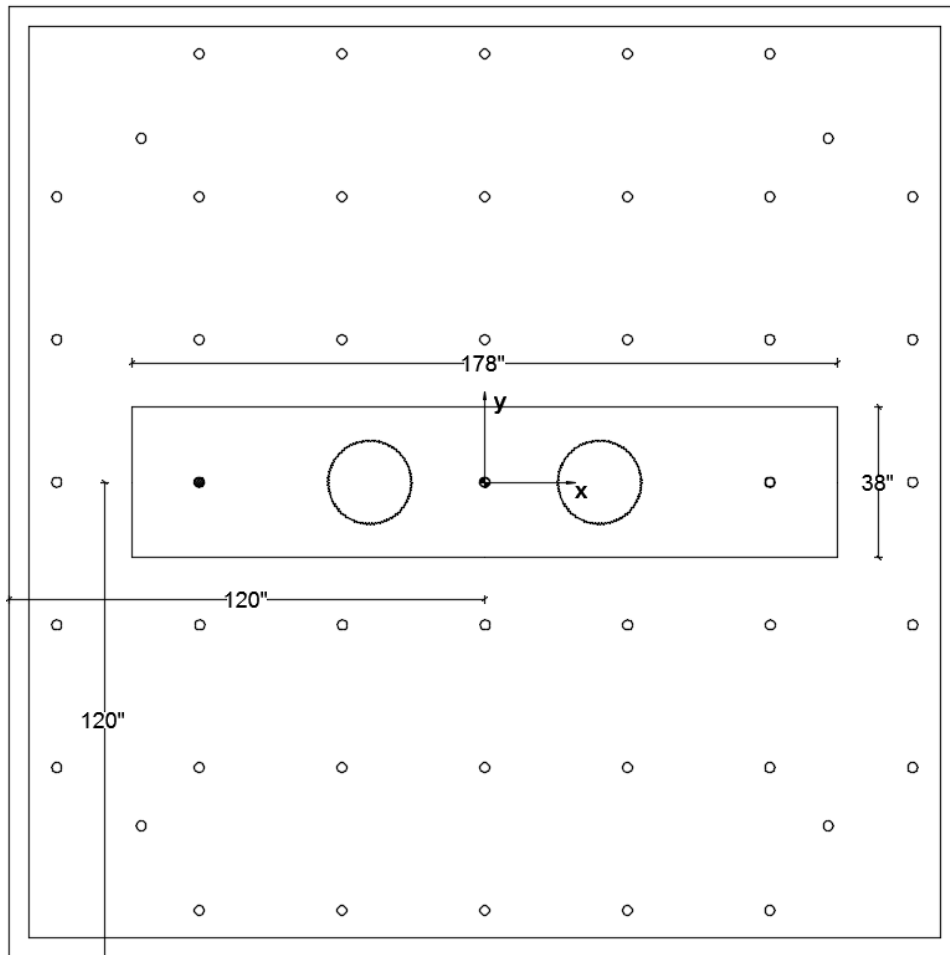


Figure 3 Foundation Layout

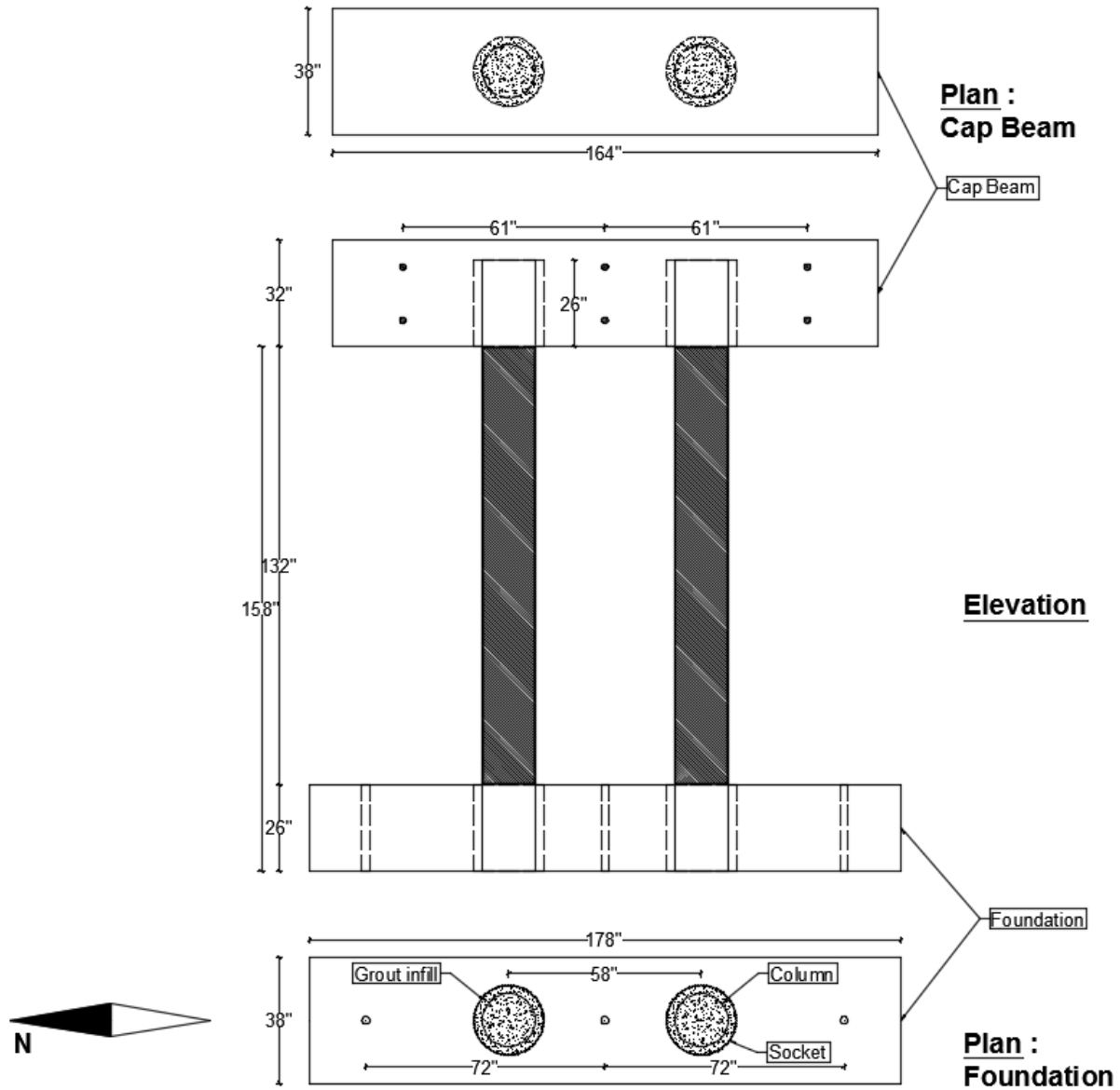


Figure 4 Specimen Overview, no Inertia blocks



(a) Socket detail in foundation



(b) Socket reinforcement detail in cap beam



(c) Assembled reinforcement cage, cap beam

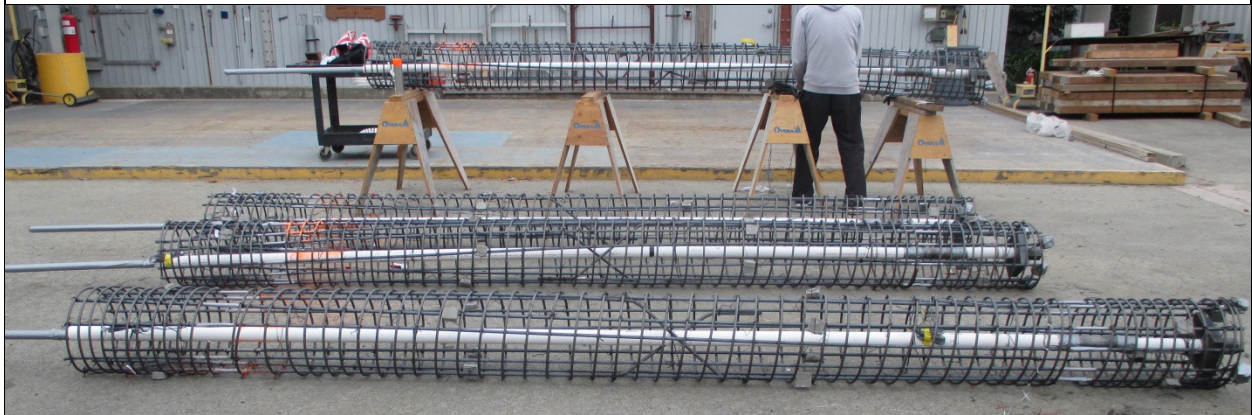
Figure 5 Construction of foundation and cap beam



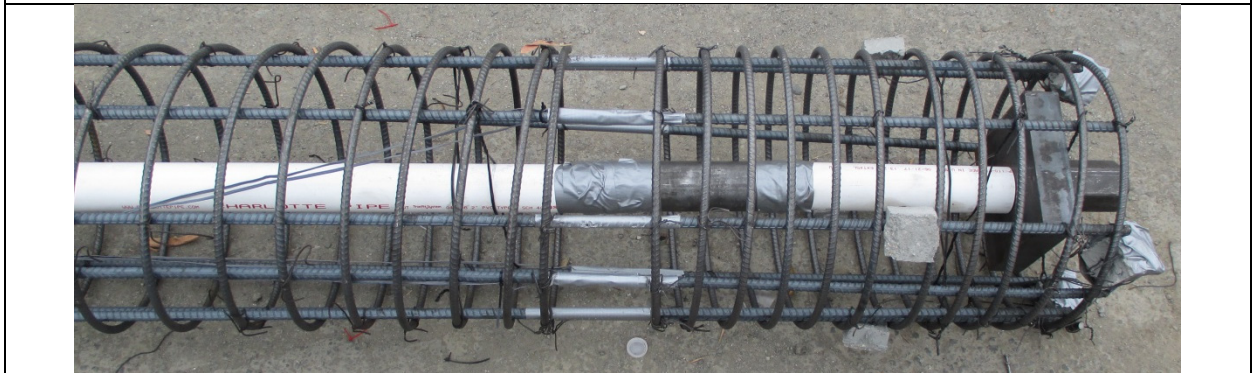
(a) Column steel shells



(b) Weld beads at column ends



(c) Column reinforcement cages



(d) Mild steel debonding detail



(e) Concrete pouring setup

Figure 6 Column construction



Figure 7 Specimen assembly: Preparing the rocking interface



Figure 8 Column installation



Figure 9 Grouting column-foundation connection



Figure 10 Installation of cap-beam



Figure 11 Preparation for grouting the column-cap-beam connection



Figure 12 Grouting column-bent-cap connection



Figure 13 Installation of inertia blocks



Figure 14 Completed specimen with restraint frames