

Figure No.	Figure Title	Page No.
Figure 3.14.f:	Use of spreader beam	97
Figure 3.15:	Example of Precast panel with Earthquake loading	98
Figure 3.16.a:	Transporting single-story panels	99
Figure 3.16.b:	Transporting of long panels	99
Figure 3.16.c:	Equations for Equal Tensile Stresses at top and bottom of member	99
Figure 3.17.a:	Connections	100
Figure 3.17.b:	Connections	101
Figure 3.17.c:	Connections	102
Figure 3.17.d:	Connections	103
Figure 3.17.e:	Connections	104
Figure 3.17.f:	Connections	105
Figure 3.17.g:	Connections	105
Figure 4.1:	Tying of columns-beam connecting columns only and at reentrant corners used as Ties	117
Figure 4.2:	Tying of columns-All beams including secondary beams used as Ties	118
Figure 4.3:	Parts of Typical Steel industrial Building	119
Figure 4.4:	Wall Bracing	120
Table No.	Table Title	Page No.
Table 1.1:	Correlation between SPT Blows & Sand Relative Density	16
Table 1.2:	Soil Classification System	18
Table 1.3:	Soil Properties Correlations	18
Table 1.4:	Rock Fracture State	19
Table 1.5:	Rock Strength Classification	19
Table 1.6:	Sandstone / Conglomerate Properties	19
Table 1.7:	Elastic Parameters for Various Soils	19
Table 1.8:	Carbonate Classification System	22
Table 1.9:	UBC 1997 Soil Profile Class Estimation	26
Table 4.1:	Load Factors and Combinations - BS5950	114
Table 4.2:	Deflection limitation BS5950	115