

**SITE/FOUNDATION**

1. The site has no seismic activity and wind pressures are negligible.
2. The soils and foundation system should be assumed adequate for all standard and normal loads.
3. The distribution of concentrated or special loads need not be considered.

**CONSTRUCTION/MATERIALS**

1. Structural steel/open web steel joist construction has been chosen for the roof structure type.
2. Steel beam sections are to be rolled or built-up.
3. Excluding the Reception area, the metal roof deck is capable of carrying design loads on spans up to and including 3'-6". The metal roof deck over the Reception is capable of carrying design loads on spans up to and including 5'-0".
4. Joists are sized to carry roof loads only.
5. Beams can span a maximum of 35'.

**GENERAL REQUIREMENTS**

1. All portions of the roof framing are flat.
2. Cantilevers are prohibited.
3. Structural members must not extend beyond the building envelope, except to frame the designated porch.
4. Columns may be located within walls, including the clerestory window wall. Columns may not be located in window walls.
5. Walls shown on the background floor plan may be designated as bearing walls. Additional bearing walls are not allowed.
6. Lintels are required to be shown in bearing walls only. Other lintels shall not be indicated.
7. The openings located between the Cafeteria's and the Reception must be unobstructed and column-free.
8. The Cafeteria's must be column-free.
9. The window walls and the clerestory windows extend to the underside of the structure above. All other openings have a head height of 7 ft above finish floor.
10. The roof over the high ceiling spaces must be higher than the roof over the low ceiling spaces.
  - The Cafeteria's requires a high ceiling with top of structure height of 20 ft.
  - The Reception requires a high ceiling with top of structure height of 30 ft
  - The remaining spaces require a low ceiling with a top of structure height of 12 ft.
11. The structure must accommodate (2) clerestory windows. One shall be located along the full length of the West wall of the Western Cafeteria. One shall be located along the full length of the East wall of the Eastern Cafeteria.