

Comply with the following requirements to develop the reflected ceiling plan:

SUSPENDED CEILING SYSTEM

1. Provide a 2 ft X 4 ft grid with lay-in acoustical tiles in all spaces, excluding the Waiting Area. The Waiting Area shall have a finished gypsum board ceiling.
2. All ceiling heights are 9 ft above the finished floor.
3. Typical walls terminate 6 inches above the finished ceiling; bearing walls and fire-rated walls extend to the bottom of the floor deck above.

LIGHTING SYSTEM

Lighting layouts should be efficient and should minimize overlighting and underlighting.

1. For all spaces except the Waiting Area, use only recessed fluorescent fixtures to provide uniform light distribution with a light level of approximately 70 footcandles measured at desk level (3 ft above the finished floor).
2. For the Waiting Area, use only recessed incandescent fixtures to provide uniform light distribution with a light level of approximately 70 footcandles measured at desk level (3 ft above the finished floor).

HVAC SYSTEM

The space is served by the supply and return risers within the shaft indicated on the floor plan. The HVAC system should provide for uniform air distribution with an economical duct layout conforming to the following restrictions:

1. Provide a minimum of one supply diffuser and one return-air grille in each space. An acceptable air distribution pattern includes one supply diffuser and one return-air grille for every 165 ft² of floor area (or portion thereof) in each space. Use the ID Tab in the software to aid in room square footage calculations.
2. Connect each supply diffuser to the rigid supply duct system with flexible duct.
 - Do not exceed 10 ft for flexible duct lengths.
3. Return-air grilles are open to the ceiling space, which serves as a return-air plenum.
 - Connect the plenum to the return riser with rigid duct.
4. Protect duct openings in fire-rated walls with fire dampers.
5. Flexible ducts fit through joist webs.
6. Rigid ducts fit under beams, in spaces between joists, and in a zone that extends 2 ft on either side of beams and bearing walls in plan view.
 - Rigid ducts do not fit through joists or between the bottom of joists and the ceiling.

LIGHTING DIAGRAM

Follow Lighting Diagram from Original Program.

