

GENERAL

1. The building consists of two single story volumes and one two-story volume. Each volume has a roof height and slope requirement.

ROOF DRAINAGE

1. The building is located in a temperate climate with moderate annual rainfall.
2. Only roof slope, gutters, and downspouts are to be used for removal of rainwater.
3. Downspouts should not conflict with any door, window, or clerestory window.
4. Rainwater should not discharge from the edge of an upper roof directly onto a lower roof or from any roof or gutter directly onto the ground.

CONSTRUCTION

1. Finished floor elevation is 0'-0".
2. All roof areas must have a positive slope.
3. The roof over the Reception and Vestibule area shall have a slope between 5:12 and 10:12.
 - The roof and structural assembly is a total of 18 inches thick.
4. The roof over the Manager, Sales and Kitchen shall have a slope between 2:12 and 4:12.
 - The roof and structural assembly is a total of 18 inches thick.
 - The minimum finished ceiling is 10'-0".
5. The roof over the Conference and Office shall have a slope between 2:12 and 4:12.
 - The roof and structural assembly is a total of 18 inches thick.
 - The minimum finished ceiling is 8'-0".
6. The Reception is to have a continuous horizontal clerestory window 36 inches in height located in the existing South wall.
 - The clerestory sill is included in the overall height dimension.
7. Natural light must be provided for all rooms by means of windows, clerestory window, or skylight.
 - Skylights must be provided where no windows are shown and no clerestory window has been specified, excluding the Equip Room and Storage.
 - Provide (2) additional skylights in the Hall and Conference.
8. Flashing must be provided at all roof/wall surface intersections, including chimneys.
 - HVAC condensing units, plumbing vent stacks, exhaust fan vents, skylights, and gutters are self-flashing and require no additional flashing or crickets.

MECHANICAL

1. The HVAC condensing unit must be placed on a roof with a slope of 4:12 or less.

- Maintain a minimum of 3 ft clearance from all roof edges.
 - Do not place in front of the clerestory window.
2. Provide one (1) exhaust fan vent for each toilet room. In addition, provide one exhaust fan vent for the Kitchen.
 3. Provide plumbing vent stacks through roof where required to vent plumbing fixtures.