

- ii. In Zone AO, all new construction and substantial improvements shall have the lowest floor elevated above the highest adjacent grade at least as high as one (1) foot above the depth number specified in feet on the FIRM or, if no depth number is specified on the FIRM, at least as high as three (3) feet; or, together with attendant utility and sanitary facilities, floodproofed so that below one (1) foot above the base flood elevation:
 - a. The structure is watertight with walls substantially impermeable to the passage of water and
 - b. The structure has structural components with the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.

A registered professional engineer or architect shall certify that the standards of this subsection are satisfied. A floodproofing certificate shall be provided to the floodplain administrator as set forth in Section 4.

C. Space Below Lowest Floor

- i. Require for all new construction and substantial improvements that fully enclosed areas below the lowest floor are usable solely for parking of vehicles, building access or storage. The area below lowest floor subject to flooding shall be a maximum of four (4) feet in height measured from the bottom of the floor joists, unless used for parking vehicles. When the area below the lowest floor is used for the parking of vehicles, the Village of Boys Town may require the owner to sign a non-conversion agreement and file it with the County Register of Deeds. A non-conversion agreement may only be used for attached garages or parking areas below elevated buildings at the discretion of the Village of Boys Town. Fully enclosed areas below the lowest floor (excluding basements) and below one (1) foot above the base flood elevation shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect or meet or exceed the following minimum criteria:
 - a. A minimum of two openings having a net total area of not less than one (1) square inch for every one (1) square foot of enclosed space,
 - b. The bottom of all openings shall not be higher than one (1) foot above grade, and
 - c. Openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they allow the automatic entry and exit of floodwaters.

D. Accessory Structures

- i. Structures accessory to a principal building may have the lowest floor below one foot above base flood elevation provided that the structure complies with the following requirements:
 - a. The structure shall not be used for human habitation.
 - b. The use of the structure must be limited to parking of vehicles or storage of