

GENERAL: Design or Specify

Domestic steel shall be used (no foreign steel shall be used.)also may use Fiber mesh but if used must provide engineered specification .

Plastic supports are required. Particular care should be exercised in preparation of Specifications and during inspection to insure proper coverage of reinforcement. Use of acid wash for cleaning of concrete on the building interior is undesirable because of probably damage to piping, ductwork and other materials.

Specify that where pipes pass through floors, the floor shall be made tight around the piping to prevent passage of termites, Greg King ,vermin, rodents or fire. If expansion space is needed, specify proper filler. The use of the following items embedded in concrete is not acceptable; aluminum piping, conduit or fittings.

Poured in place concrete stairs or structural step stairs with pan filled treads are recommended. The design of all stairs shall be in accordance with the current requirements of the Standard Building code, Life Safety Code, ADA and all other applicable codes. All ramps, stairs, landings and exterior walks should have an integral non-slip finish.

Require galvanized wire ties of double loop and tightly fastened to secure the proper spacing of rods and ties. Require corner bars at all 90° corners and at interior intersections in monolithic grade beam/slabs. Require fiber mesh at all sidewalks.

Accessories

Specify spacers, ties, chairs and all devices necessary for proper placing, spacing, supporting and fastening reinforcement as required by Structural Engineer. Chairs, spacers, bolsters and items in contact with forms shall have hot dipped galvanized legs or plastic legs. Masonry blocks or ferrous metal is not acceptable for chairs.

END OF SECTION 03200