

ARCHITECTS AND SPECIFIERS CONCRETE MASONRY CHECKLIST

Project Name _____

Project Number _____

- Do drawings indicate the proper location of expansion and control joints on all of the elevations?
- Do drawings contain proper details of expansion and control joints?
- Do drawings indicate compressible fillers, flexible anchor, etc., to compensate for various structural movement?
- Has flashing been properly detailed and located in the appropriate areas?
- Do drawings indicate the type of flashing to be used?
- Are weep holes properly indicated on drawings?
- Do drawings indicate the proper number of wall ties as required by code?
- Do drawings indicate the proper location of wall ties and anchors?
- Do drawings notate the type of insulation that is to be used?
- Do drawings indicate a 3/4" to 1" airspace, with insulation for the cavity wall detail?
- Do drawings indicate locations of all sealants?
- Do drawings indicate "grade" at a minimum of 2" below foundation base flashing?
- Are intricate masonry patterns or ornamental details properly worked out on the drawings?
- Do drawings indicate an integral and/or topical water repellent coating on exterior concrete block walls?
- Do drawings indicate realistic dimensions on details for plumbing and chase walls?
- Did you specify the proper concrete masonry type, which is conducive to its proposed function?
- Did you specify and indicate on the drawings proper fire rating for both the brick and block, if required?
- Did you specify the proper strength of the masonry unit used?
- Did you specify and indicate all special shapes, textures, and colors that might be used?
- Did you specify special conditions to be met when weather conditions are near freezing?
- Did you specify the type of mortar and grout that is to be used?
- Did you specify the proper mixing and procedure mortar and grout?
- Did you specify properly tooled mortar joints?
- Did you specify the tooling of machine made scores?
- Did you specify for all head, bed, and collar joints be filled as solidly as possible?
- Did you specify proper galvanized coatings for metals used in conjunction with masonry?
- Did you specify that cavity wall ties and veneer ties have adequate thickness to fully transfer lateral loads?
- Did you specify that all shelf angles be properly designed to resist torsion, and shimmed to avoid rotation?
- Did you specify all the types of accessories to be used, such as inserts, reglets, etc. and by whom they are to be supplied?
- Did you specify that necessary masonry samples be submitted?
- Did you specify that a mock-up masonry panel (with expansion joint) be built prior to start of construction? Is cleaning of this panel of at least half of this panel indicated?
- Did you specify the proper cleaning procedures for architectural masonry units?
- Did you specify that all copings, sills and cornices are to have a drip edge?
- Did you specify all proper construction tolerances for structural frames and for masonry walls supported on frames?