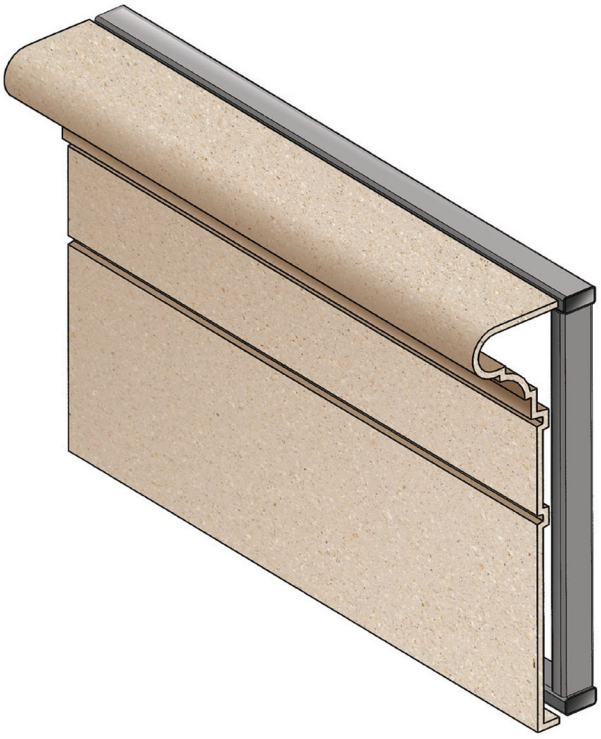
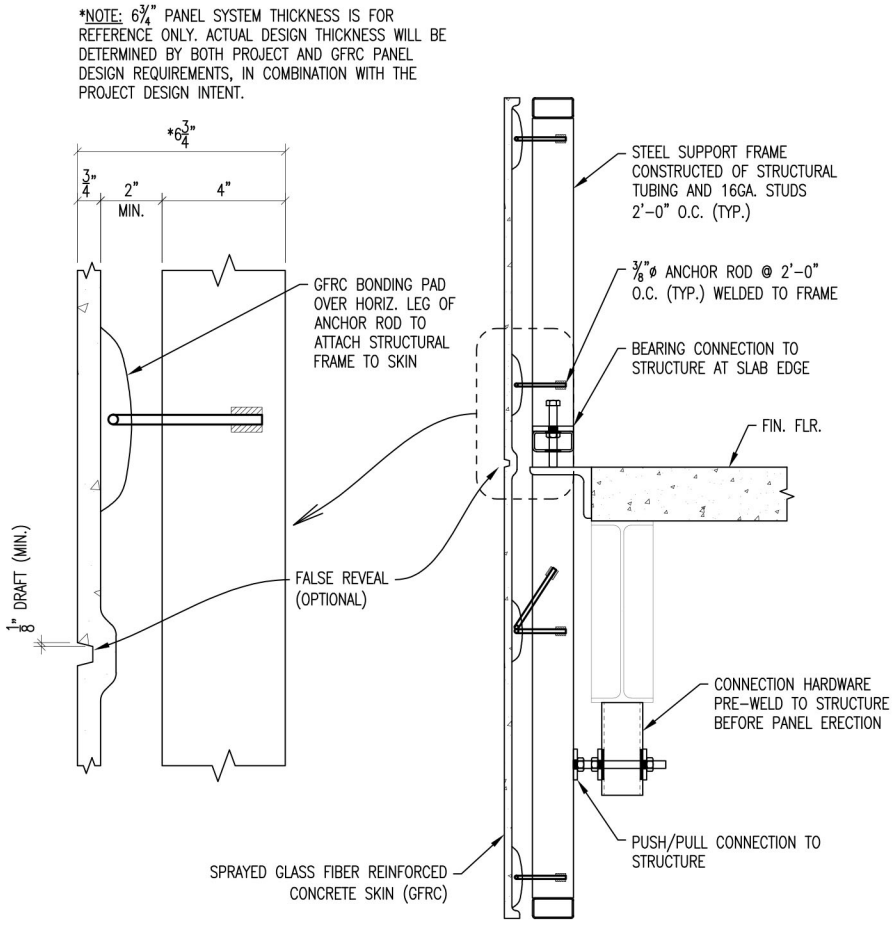
WILLIS CONSTRUCTION CO. INC.
PRE-CAST CONCRETE PRODUCTS

GLASS FIBER REINFORCED CONCRETE

PRODUCT DATA SHEET





GFRC SPANDREL PANEL SECTION
(CONCEPTUAL)

GFRC provides designers with a lightweight and cost-effective skin choice with almost limitless design options. GFRC is a composite panel that consists of a 3/4" thick fiber reinforced cementitious skin attached to a steel frame. The overall minimum thickness is 7". This lightweight panel system that averages 20 pounds per square foot, is well known for its ability to be produced in very ornate shapes. Its light weight also means that structural steel costs for high rise buildings can be less expensive. The GFRC frame may also be used to place insulation and attach interior finishes, saving additional costs for interior stud framing. Since the skin is fabricated in a spray process, providing multiple colors in the same panel is an economical design option. Light and Heavy sandblast finishes can also provide a contrasting look within the same panel. Form liners may be used to make GFRC emulate other building materials like wood, limestone, brick, or almost any unique form shape the designer might create for a specific project. Adhering granite or Limestone veneers to the face of GFRC is a design option that takes full advantage of the speed with which this prefabricated panel system can be installed and the moisture barrier that GFRC provides. The structural frame typically consists of structural tube members. L or T Shaped galvanized pins are welded to the structural frame and the frame is set so that the horizontal legs of the pins just touch the back of the GFRC. The same GFRC material is placed over the horizontal legs of each pin to bond the frame and skin.