

- F. Polycarbonate Sheet: Of thickness indicated, manufactured by extrusion process, coated on both surfaces with abrasion-resistant coating:
1. Impact Resistance: 16 ft-lbf/in. (854 J/m) per ASTM D 256, Method A.
 2. Tensile Strength: 9000 lbf/sq. in. (62 MPa) per ASTM D 638.
 3. Flexural Modulus of Elasticity: 340,000 lbf/sq. in. (2345 MPa) per ASTM D 790.
 4. Heat Deflection: 265 deg F (129 deg C) at 264 lbf/sq. in. (1.82 MPa) per ASTM D 648.
 5. Abrasion Resistance: 1.5 percent maximum haze increase for 100 revolutions of a Taber abraser with a load of 500 g per ASTM D 1044.

- G. Applied Vinyl: Die-cut characters from vinyl film of nominal thickness of 3 mils (0.076 mm) with pressure-sensitive adhesive backing, suitable for exterior applications.

2.2 PLAQUES

- A. Cast Plaques: Provide castings free of pits, scale, sand holes, and other defects, as follows:

1. Plaque Material Bronze.
2. Background Texture: Manufacturer's standard stipple texture.
3. Border Style: Projected bevel.
4. Mounting: Concealed studs, noncorroding for substrates encountered.

- B. Plaque Schedule:

1. Plaque Type:
 - a. Plaque Size: 18" x 24".
 - b. Owner will provide design information
 - c. Approximately 450 letters and emblem.

- C. Cast Characters: Produce characters with smooth flat faces, sharp corners, and precisely formed lines and profiles, free of pits, scale, sand holes, and other defects. Cast lugs into back of characters and tap to receive threaded mounting studs. Alloy and temper recommended by sign manufacturer for casting process used and for use and finish indicated. Comply with the following requirements.

1. Character Material: Bronze.
2. Color(s): As selected by Architect from manufacturer's full range.
3. Mounting: Concealed studs, noncorroding for substrates encountered.

- D. Exterior Signage

1. Parish Emblem
 - a. Provide and install computer generated vinyl glue on emblem and signage for all exterior building mounted signs using 10" high letters. Parish emblem shall be 12 ft. diameter, on front and rear of elevator room.
 - b. Provide and install parking lot signs and striping, including entrance and exit signs shown on drawings and handicap signage.