Purpose:
The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard’s section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. General Requirements
   a. Provide copper ground bus in each panelboard
   b. Panelboards shall be fully rated. Series rating is not permitted
   c. Cabinet Front: Surface or flush type cabinet front with concealed hinge, and flush lock all keyed alike.
      i. For surface mounted panels, provide hinged trim construction.
      ii. For flush mounted panels, provide door-in-door type trim construction.
   d. Provide typed circuit directory for each branch circuit and distribution panelboard.

2. Distribution Panelboards
   a. Square D I-line panelboards
   b. Breakers 400A and larger shall be equipped with adjustable electronic trip units.
      i. All settings on electronic trip units shall be independently adjustable.

3. Branch Circuit Panelboards
   a. Square D Type NF (480Y/277 volts) or Type NQ (208Y/120 volts).
   b. Molded Case Circuit Breakers: Bolt on type.
      i. Do not use tandem circuit breakers.
      ii. Do not use handle ties.
   c. Cabinet box (nominal dimensions): 6 inches deep; 20 inches wide.