

SECTION 26 24 16

PANELBOARDS

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS

N/A

PART 2 - PRODUCTS AND MATERIALS

- ◆ Panelboard - Requirements
 - Install panel boards with at least 25% spare space and capacity for future circuit breakers and loads.
 - All new electrical panels to be double hinged.
 - All panel boards to be labeled with panel number and "fed from" location.
 - When adding additional loads to an existing panel, designer is to comply with NEC 220.87 which may require a 30 day load study.
 - Provide a printed panel schedule indicating circuit descriptions and overall panel calculated load for all new panels. Place printed schedule inside the panel door.

PART 3 - EXECUTION

- ◆ Field Quality Control
 - Infrared Scanning: After Substantial Completion, but not more than 60 days after Final Acceptance, perform an infrared scanning of each panelboard with a CCDOA inspector present. Remove panel fronts so joints and connections are accessible to portable scanner.
 - Instrument: Use an infrared scanning device designed to measure temperature or to detect significant deviations from normal values. Provide calibration record for device.
 - Record of Infrared Scanning: Prepare a certified report that identifies the panelboards checked and describes scanning results. Include notation of deficiencies detected, remedial action taken, and observations after remedial action.

END OF SECTION