

PART 1 - GENERAL

- 1.1 SHOP DRAWINGS .1 Submit shop drawings in accordance with Section 01 33 00.
- .2 Drawings to include electrical detail of panel, branch breaker type, quantity, ampacity and enclosure dimension.

PART 2 - PRODUCTS

- 2.1 PANELBOARDS .1 Panelboards: product of one manufacturer.
- .1 Install circuit breakers in panelboards before shipment.
- .2 Sequence phase bussing with odd numbered breakers on left and even on right, with each breaker identified by permanent number identification as to circuit number and phase.
- .3 Panelboards: mains, number of circuits, and number and size of branch circuit breakers as indicated.
- .4 Two (2) keys for each panelboard and key panelboard alike.
- .5 Copper bus with neutral of same ampere rating as mains.
- .6 Mains: suitable for bolt-on breakers.
- .7 Trim with concealed front bolt and hinges.
- .8 Trim and Door Finish: baked or air dried grey enamel.

- 2.2 BREAKERS
- .1 Breakers: to Section 26 28 21 - Moulded Case Circuit Breakers.
 - .2 Breakers with thermal and magnetic tripping in panelboards except as indicated otherwise.
 - .3 Lock-on devices for breakers as indicated.
- 2.3 EQUIPMENT IDENTIFICATION
- .1 Provide equipment identification in accordance with Section 26 05 00 - Common Work Requirements
 - .2 Nameplate for each panelboard size 4 engraved as indicated.
 - .3 Nameplate for each circuit in distribution panelboards size 2 engraved as indicated on drawings.
 - .4 Complete circuit directory with typewritten legend showing location and load of each circuit.

PART 3 - EXECUTION

- 3.1 INSTALLATION
- .1 Locate panelboards as indicated and mount securely, plumb, true and square, to adjoining surfaces.
 - .2 Mount panelboards to height specified in Section 26 05 00 - Common Work Requirements.
 - .3 Connect loads to circuits.
 - .4 Connect neutral conductors to common neutral bus with respective neutral identified.