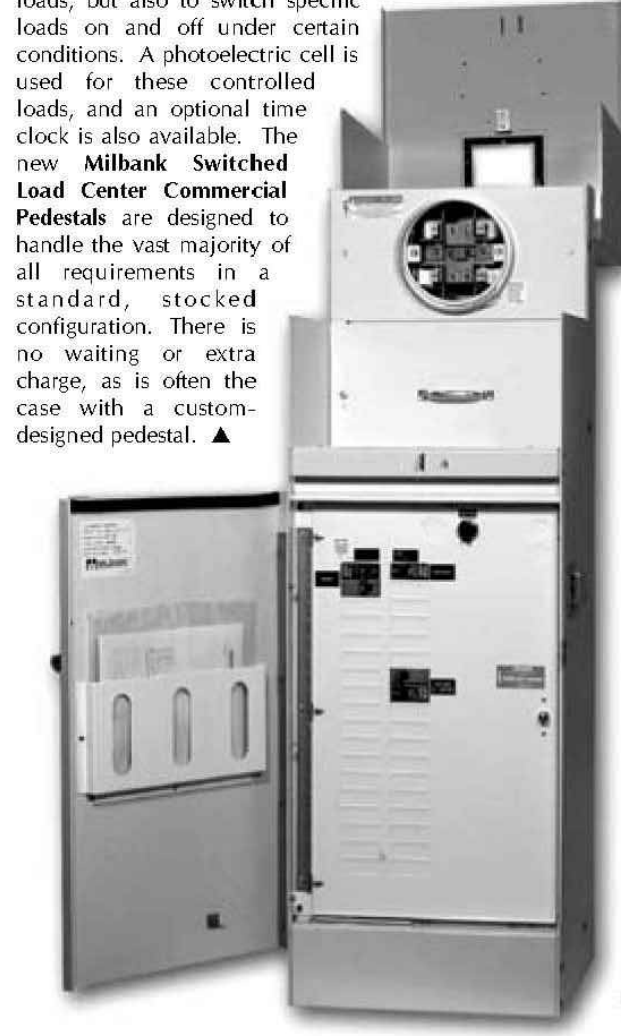


# MILBANK Commercial Pedestals

Milbank commercial pedestals provide a low-cost, effective alternative to the post-and-strut method of providing site power. No longer will a separate meter section, main disconnect, load center and all the nipples, conduit, wire and labor to connect them be required. These units have a single cabinet with all the required utility terminations, meter sockets with test/bypass provisions, main breakers and customer sections. They are factory wired and UL listed as Industrial Control Equipment (File E113855).

Most commercial pedestals are "custom designed" to provide power for various loads. "SL" Series Commercial Pedestals are designed to not only provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available. The new Milbank Commercial Load Center Commercial Pedestals are designed to handle the vast majority of all requirements in a standard, stocked configuration. There is no waiting for extra change, as is often the case with a custom-designed pedestal. ▲



## CP3B "SL" Series Switched Load Center Series 1Ø/3 wire 120/240 or 208Y/120 volt

Typical applications: Traffic signal, parking lot, highway, & athletic field lighting

- Features:**
- These units include everything required for remote site service:
  - NEMA 3R construction
  - Expandable - Load centers allow for future expansion without costly modifications
  - All units feature 200 amp meter socket with optional field-installable fifth terminal kit available
  - 22K ampere interrupting capacity (KAIC) standard
  - Optional mounting base can be embedded in concrete for fast, easy installation
  - Separate sealable and lockable utility termination section
  - Separate sealable and lockable metering section with the option of:
    - EITHER**
    - Milbank ring-type socket with test / bypass blocks (conforms to EUSERC 308)
    - OR**
    - Milbank heavy duty ringless socket with lever bypass
  - A separate sealable and lockable customer section with:
    - PE receptacle, Lexan® window and glare shield
    - Hand-Off-Auto (HOA) switch
    - Contactor controlling a 16-circuit load center for controlled loads
    - Pre-mounted DIN rail and pre-wired connector to add an optional "plug and play" time clock kit
    - A circuit directory to document configuration
  - A load center for "always on" loads that includes:
    - Main circuit breaker
    - Control power circuit breaker
    - Switched load center main breaker
    - Nine (200 amp model) or twelve (100 amp model) blank breaker spaces
    - A circuit directory to document configuration

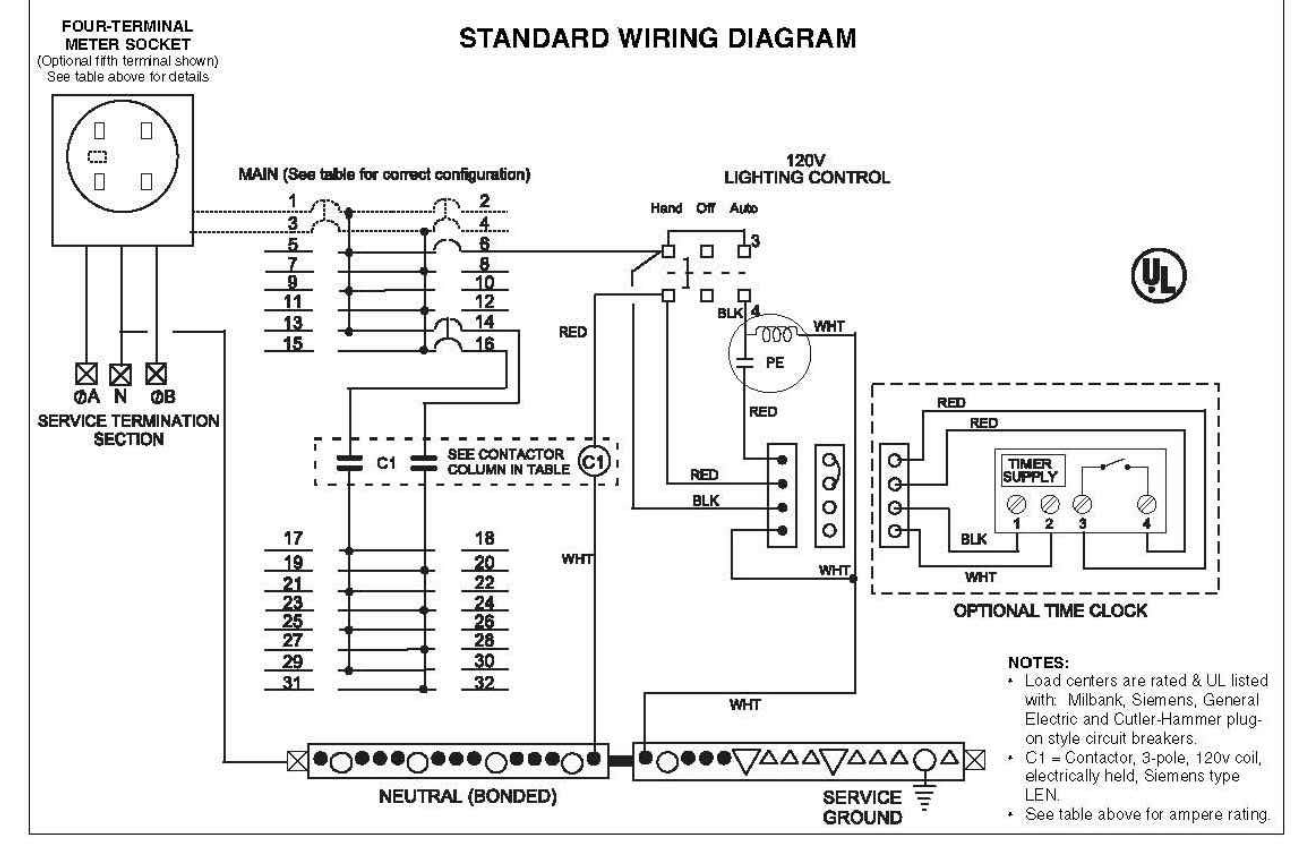
## CP3B "SL" Series Stocking Information & Wiring Diagram MILBANK

AVAILABLE FOR IMMEDIATE DELIVERY:

CATALOG NUMBER	OPTIONAL FIFTH TERMINAL KIT	MAIN CB AMPS	MAIN CB SPACES	CONTACTOR AMPERAGE	METER SOCKET TYPE
CP3B1110A22SL1	105J	100	(1,3)	60	Ring-type meter socket with test / bypass blocks
CP3B1210A22SL1	105J	200	(1,2,3,4)	100	Ring-type meter socket with test / bypass blocks
CP3B5110A22SL1	K3865	100	(1,3)	60	Ringless heavy duty meter socket with lever bypass
CP3B5210A22SL1	K3865	200	(1,2,3,4)	100	Ringless heavy duty meter socket with lever bypass

Accessories

Accessories	Description
CP-TC7D	7-day time clock kit
CP-TC24H	24-hour time clock kit
CP-TCWIRE	Male four-pin connector and wiring harness for use with time clocks other than above
105J	Fifth terminal kit for use with ring-type meter sockets
K3865	Fifth terminal kit for use with ringless meter sockets
CP-16PDMNT-CALT	Pedestal mounting base (includes mounting hardware)
CP-ABK5/8	Anchor bolt kit (includes four 5/8" x 11" x 18" anchor bolts)



## MILBANK Commercial Pedestal: Specifications

The service pedestal provided shall be Milbank type (Catalog Number). The pedestal shall be of NEMA type 3R rainproof construction and shall be UL listed as "Enclosed Industrial Control Equipment" (UL 508). External construction shall comply with UL50 requirements and shall be of galvanized steel with light green #14072 Federal Specification 595 polyurethane industrial grade powder paint of 1.7 mil minimum thickness. Internal construction shall be galvanized steel and 1.7 mil minimum thickness polyurethane industrial grade powder coat painted or bare aluminum. All external fasteners, nuts, screws and bolts shall be stainless steel. No fasteners except sealing screws shall be removable by external access. Hinges shall be stainless steel and of the continuous piano hinge type.

The pedestal mounting bolts shall not be externally visible or accessible. The pedestal shall be offered with an optional base designed to be embedded in concrete. Either pedestal mounting base or anchor bolt kit is required for installation.

The service pedestal must have separate isolated sections for metering equipment, utility termination and customer equipment. The metering section must be pad-lockable and sealable and have a hinged swing back hood with an integral hinged polycarbonate sealable window for access to demand meters. An external namplate shall be permanently attached to the hood. A stainless steel handle shall be provided on the front exterior of the hood.

The utility termination section must be pad-lockable and sealable and shall have a stainless steel handle provided on a lift-off cover. Sufficient clearance shall be provided for a 4-inch diameter conduit for utility cables. Utility landing lugs shall be UL listed and shall accommodate #6 - 350 kcmil conductors.

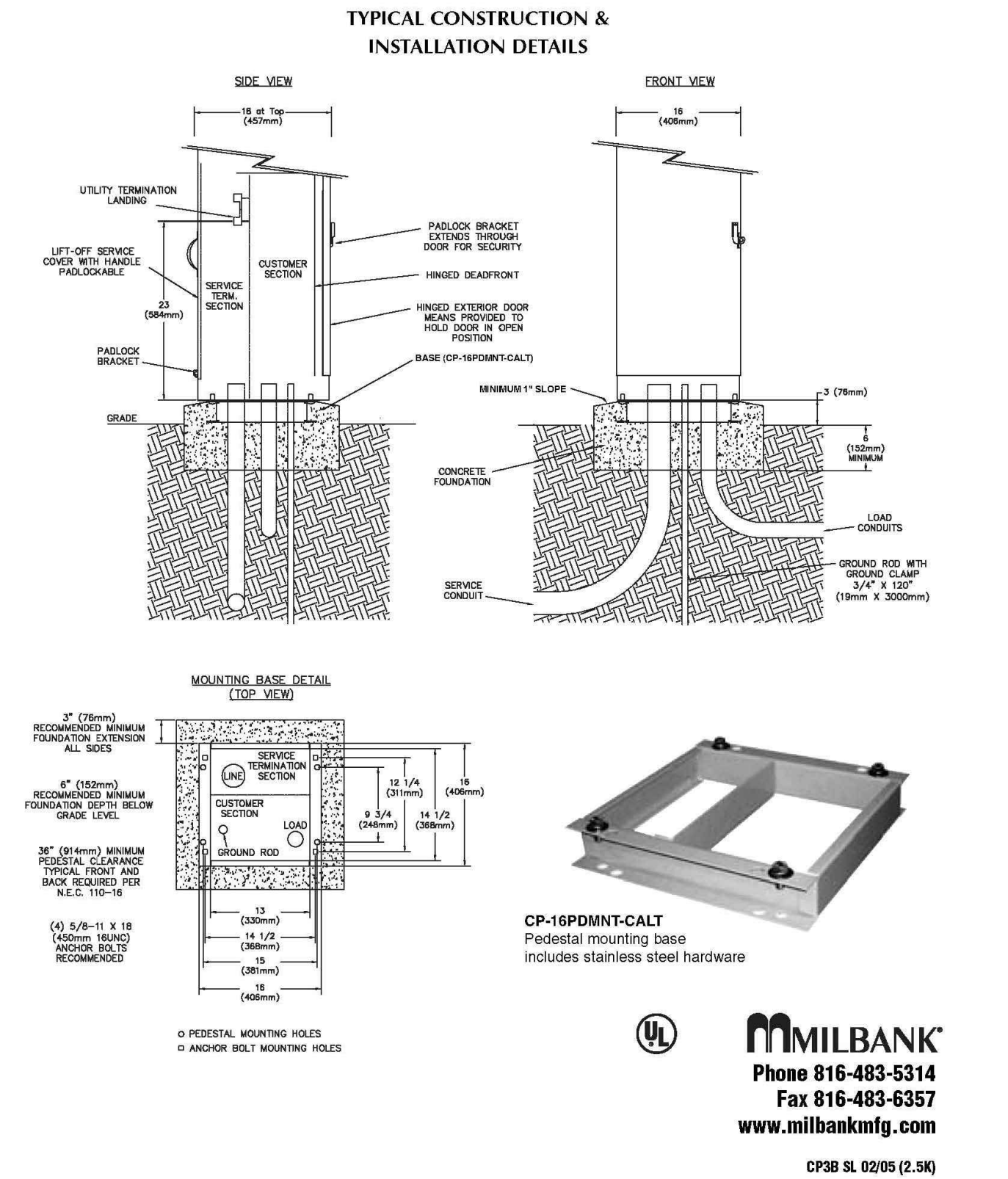
The customer compartment door must be pad-lockable and shall have provisions to hold the door in an open position. A print pocket on the inside of the door shall hold all wiring schematics and instructions in a clear, weatherproof sleeve. Required UL labeling shall be located on the inside of the customer door. Distribution and control equipment shall be behind an internal dead-front door with a quarter-turn securing latch and be hinged to open more than 90 degrees. The deadfront door shall be hinged on the same side as the customer section door.

All distribution and control equipment shall be factory wired using 600 volt wire sized to NEC and UL requirements.

The service pedestal shall be rated 120/240 volt 1Ø/3 Wire or 208Y/120 volt 1Ø/3 Wires.

Utility requirements for this equipment vary. Always consult the serving utility for their requirements before ordering or installing this equipment.

## CP3B "SL" Series Installation



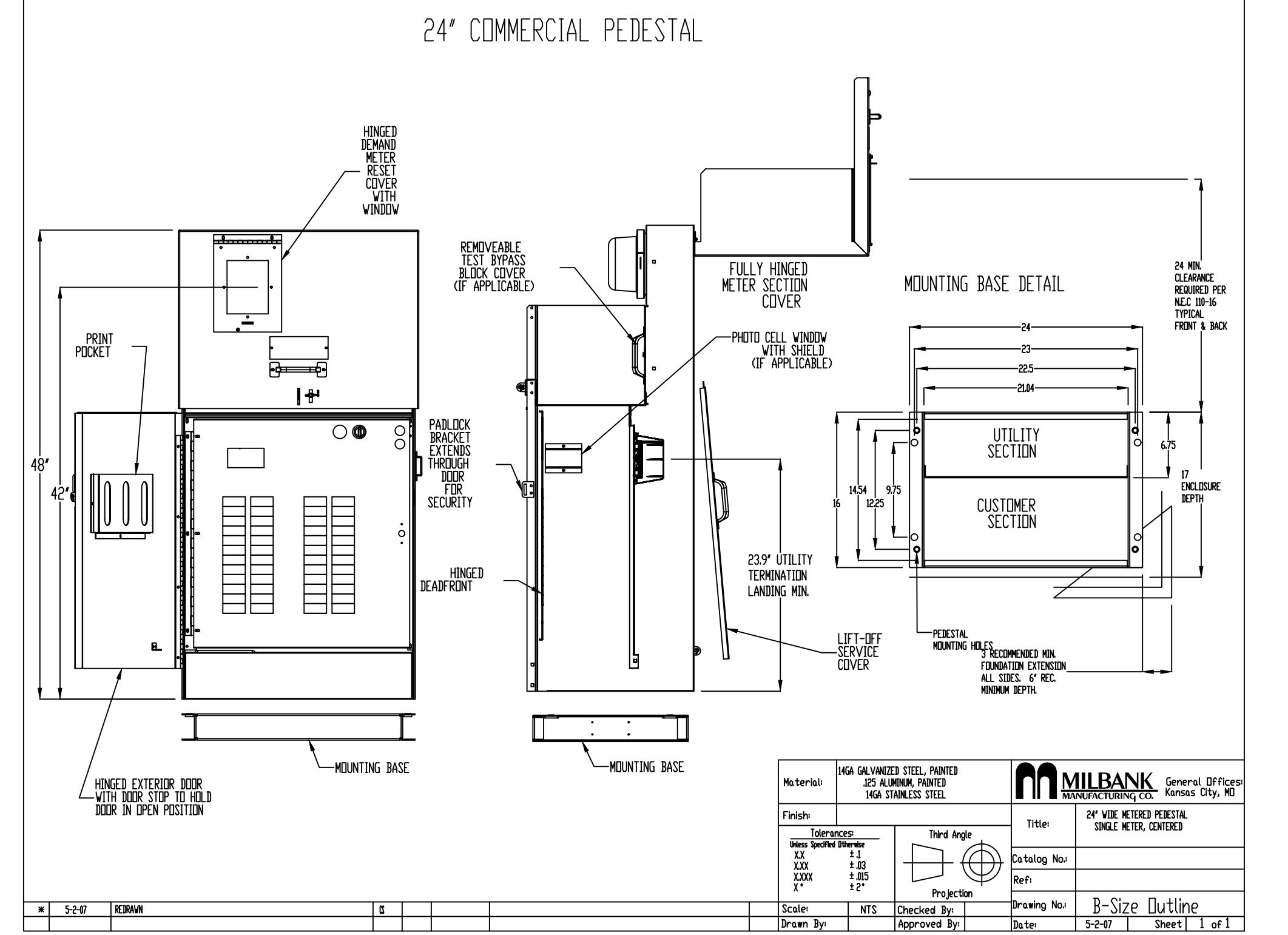
### Explanation of Underground Service Pedestal Model Numbers:

REV 8-8-06

CP2B CP3A CP3B 5111KB50BZSP1

- Meter Sockets**
  - 0 = No sockets
  - 1 = 1 Ring type socket with test bypass provision
  - 2 = 2 Ring type sockets with test bypass provision
  - 3 = 1 Ring type socket with 1 "what test" bypass provision
  - 4 = 1 Ring type socket with lever test bypass provision
  - 5 = 1 Ringless socket with lever test bypass provision
  - 6 = 2 Ringless sockets with lever test bypass provision
  - 7 = 1 Ringless socket with manual bypass provision
  - 8 = 1 Bolt on meter with manual bypass provision
  - 9 = 1 Ringless socket with horn bypass provision
  - 0 = No rating
  - 1 = 100amps
  - 2 = 200amps
  - 3 = 125amps
  - 4 = 400amps (Non EUSERC)
- Amperage**
- System Voltage**
  - 0 = 120V, 1Ø, 2W (4 Jaw)
  - 1 = 120/240V, 1Ø, 3W (4 Jaw)
  - 2 = 208Y/120V, 1Ø, 3W (4 Jaw + 105J)
  - 3 = 240/480V, 1Ø, 3W (4 Jaw)
  - 4 = 480Y/277V, 1Ø, 3W (4 Jaw + 105J)
  - 5 = 208Y/120V, 3Ø, 4W (7 Jaw)
  - 6 = 240/480V, 3Ø, 4W (7 Jaw)
  - 7 = 240/480V, 3Ø, 3W (5 Jaw)
  - 8 = 480Y/277V, 3Ø, 4W (7 Jaw)
  - 9 = 480Y/277V, 3Ø, 3W (5 Jaw)
  - A = No rating
  - B = 480/240V, 3Ø, 4W (7 Jaw)
  - C = 120/240V, 1Ø, 3W (5 Jaw)
  - D = 240/480V, 1Ø, 3W (5 Jaw)
  - E = 480V, 1Ø, 3W (4 Jaw)
- Service/Main Disconnect**
  - 0 = No Main (max 6 disconnect per unit)
  - 1 = (1) Circuit Breaker Main
  - 2 = (2) Circuit Breaker Service Disconnects
  - 3 = (1) T-Fuse Switch Main
  - 4 = (3) Circuit Breaker Service Disconnects
  - 5 = (1) 4-Pole Main (100A Max.)
  - 6 = (1) 4-Pole Main (100A Max.)
  - 7 = (1) 4-Pole 100A / (1) 2-Pole 100A
  - A = (2) Circuit Breaker Service Disconnects with Interlock
  - B = (2) T-Fuse Switch Service Disconnects
- Distribution Interior** (loadcenters use plug-in o'b's; panelboards use o'b's on o'b's)
  - A = (2) 8 circuit loadcenters metered, (1) 8 circuit loadcenter un-metered
  - B = (2) 24 circuit loadcenters
  - C = (1) 24 circuit panelboard
  - D = (1) 12 circuit panelboard (loadcenter types H & K only)
  - E = (1) 30 circuit panelboard
  - F = (1) 18 circuit panelboard
  - G = (1) 30 circuit loadcenter
  - H = (2) 12 circuit loadcenters
  - J = No interior end no branch breakers (Main Only)
  - K = (1) 14 circuit loadcenter metered, (1) 4 circuit loadcenter un-metered
  - L = Distribution block(s) Only
  - M = Metered and un-metered lug-up breakers
  - N = Metered lug-up breakers
  - O = (1) 8 circuit metered, (1) 8 circuit un-metered, (1) 12 circuit metered
  - P = (1) 30 circuit metered
  - Q = Unmetered lug-up breakers (Type A)
  - R = (1) circuit plug-on breaker interior
  - W = (2) 8-circuit plug-on breaker interior
  - X = Not Provided
  - Y = (1) 42 circuit load center (Min 30" tall dead front)
  - Z = (1) circuit loadcenter metered, (1) 8 circuit loadcenter un-metered
  - 1 = (1) 8 circuit loadcenter
  - 2 = (2) 8 circuit loadcenter
  - 3 = (1) 12 circuit loadcenter
  - 4 = (1) 12 circuit loadcenter and (1) 8 circuit loadcenter
  - 5 = (1) 16 circuit loadcenter
  - 6 = Lug-Up Main & Branch Breakers only
  - 7 = (1) 8 circuit loadcenter, (1) 16 circuit loadcenter
  - 8 = Triable switch (Output)
  - 9 = (1) 24 circuit loadcenter
  - 0 = (1) 16 circuit loadcenter
- Enclosure Size**
  - A = CP3B Single, 16" x 17" x 48" (TYPE B)
  - B = CP3B Double, 24" x 17" x 48" (TYPE C)
  - C = CP3B, 8" x 18" x 48" (TYPE II)
  - D = CP3B, 30" x 24" x 48" (TYPE A)
  - E = CP3A, 12" x 9" x 64" (TYPE A)
  - F = CP3B, 44" x 49" x 64"
  - G = CP3B, 16" x 17" x 41" (No meter sockets - Low profile)
  - H = CP3B, 12" x 9" x 64" (Reversed meter section)
  - I = CP3B, 16" x 17" x 48" (No test block - Short hood)
  - J = CP3B, 24" x 17" x 48" (No test block section)
  - K = CP3B, 16" x 17" x 52" (No meter sockets - Low profile)
  - L = CP3B, 32" x 20" x 50" (Meter & test block provision)
  - M = CP3B, 16" x 17" x 48" (Reversed meter section)
  - N = CP3B, 24" x 17" x 41" (No meter sockets - Low profile)
  - O = CP3B, 6" x 16" x 48"

MILBANK PEDESTAL SPECIFICATION: CATALOG NUMBER: CP3B5111KB14BZSP1 24"W x 17"D x 48"H TYPE 3R ENCLOSURE 50K SCCR 120/240V 1PH 3W 100AMP T/JAW RINGLESS SKT W/ LEVER BYPASS 4 CIRCUIT METERED LOAD CENTER & (1) 4 CIRCUIT UNMETERED LOAD CENTER (8) 20A 1P C/B'S



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14270.00-016 Drawing File: M:\2014\14270.00 - 015 - Waterfront Addition Site Lighting\Electrical Files\14270.00 - E1x.dwg Project No: 11407-E650 CAPITAL IMPROVEMENT PROJECT WATERFRONT ADDITION SITE LIGHTING ELECTRICAL SCHEDULES & DETAILS

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