

Electrical Services

Presented by: Terry Thayer

HQ Traffic Office

Winter 2008

BZA

RCW = Revised Code of Washington

These are laws written by the state legislature.

The constitution of the State is contained within the first portion of the RCW's.

WAC = Washington Administrative Code

The legislature creates job performance expectations or job duties (RCW's). The state agencies then further define and bring to life these performance expectations through writing these administrative rules.

EUSERC Specifications

WAC 296-46B-230 Wiring and protection -- Services.

001 General service requirements.

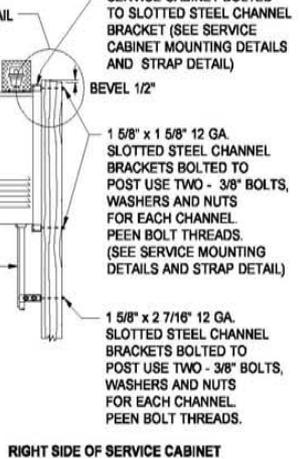
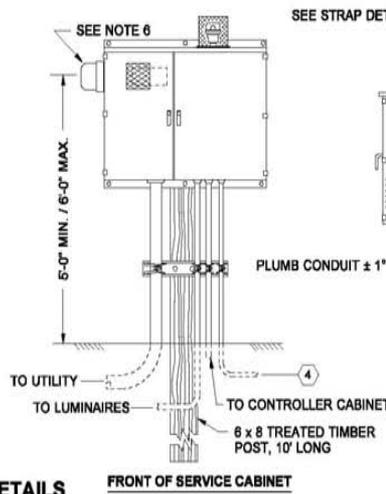
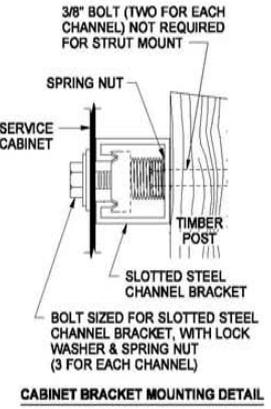
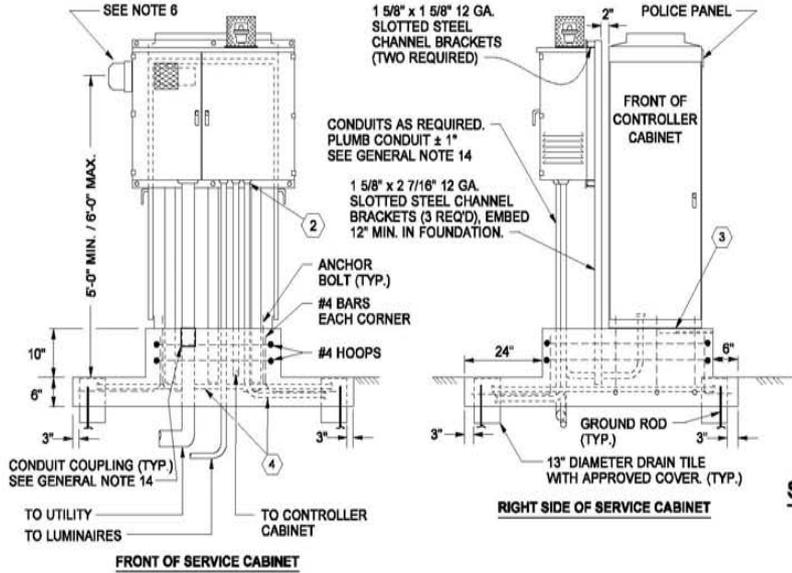
(1) The owner, the owner's agent, or the electrical contractor making the installation **must** consult the serving utility regarding the utility's service entrance requirements for equipment location and meter equipment requirements before installing the service and equipment. Provisions for a meter and related equipment, an attachment of a service drop, or an underground service lateral must be made at a location acceptable to the serving utility. The point of contact for a service drop must permit the clearances required by the NEC.

(3) The height of the center of the service meter must be as required by the serving utility. Secondary instrument transformer metering conductor(s) are not permitted in the service raceway.

042 Service conductor - size and rating.

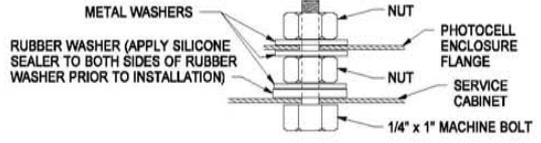
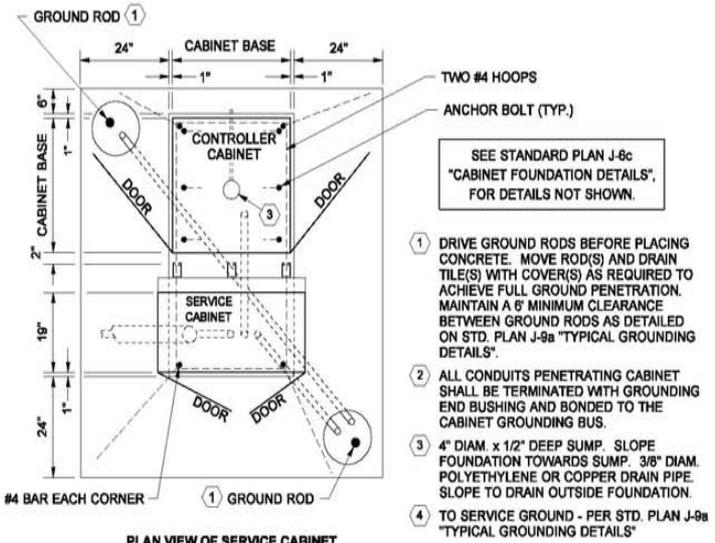
(7) If the service conductors have a lesser ampacity than the overcurrent protection or the equipment rating that they terminate in or on, an identification plate showing the ampacity of the conductors **must** be installed on the service equipment.

[Statutory Authority: RCW [19.28.006](#), [19.28.010](#), [19.28.031](#), [19.28.041](#), [19.28.061](#), [19.28.101](#), [19.28.131](#), [19.28.161](#), [19.28.171](#), [19.28.191](#), [19.28.201](#), [19.28.211](#), [19.28.241](#), [19.28.251](#), [19.28.271](#), [19.28.311](#), [19.28.321](#), [19.28.400](#), [19.28.420](#), [19.28.490](#), [19.28.551](#), 2002 c 249, chapters [34.05](#) and [19.28](#) RCW. 03-09-111, § 296-46B-230, filed 4/22/03, effective 5/23/03.]



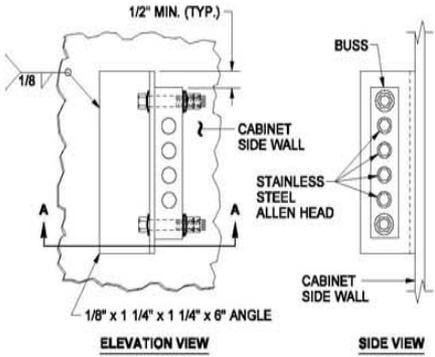
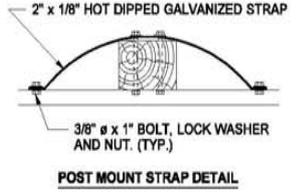
SERVICE CABINET MOUNTING DETAILS

STRUT MOUNT

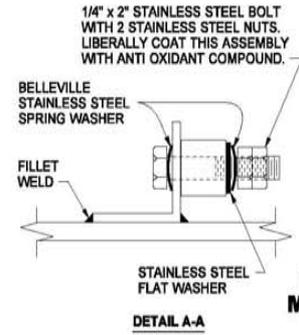


PHOTOCELL ENCLOSURE MOUNTING DETAIL

POST MOUNT



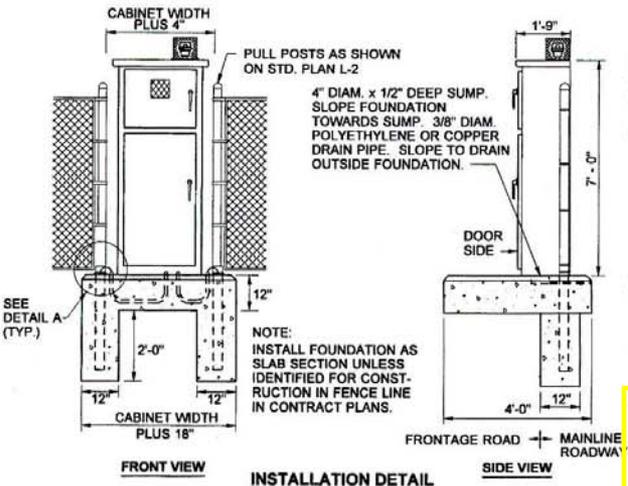
CABINET MAIN BONDING JUMPER DETAIL



SERVICE CABINET TYPE B MODIFIED (0 - 200 AMP TYPE 120/240 SINGLE PHASE) STANDARD PLAN J-3b

SHEET 2 OF 2 SHEETS

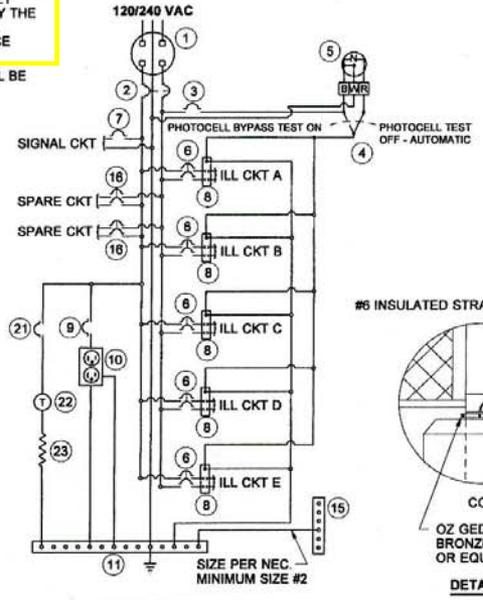
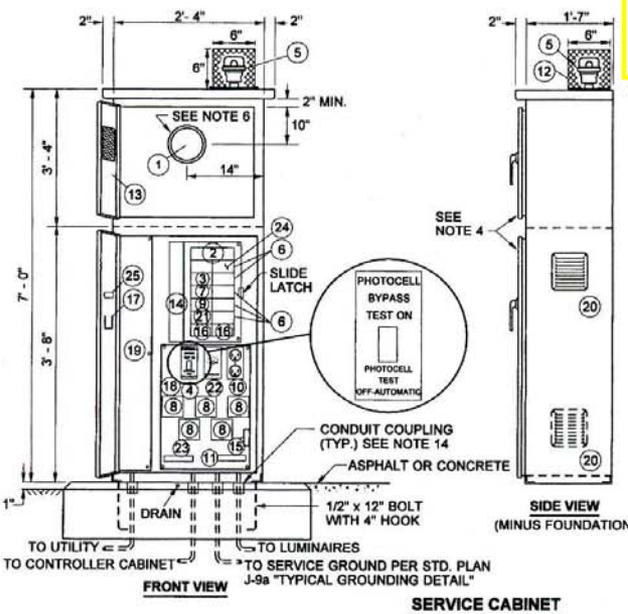
APPROVED FOR PUBLICATION
Harold J. Peterfeso 03-04-05
 STATE DESIGN ENGINEER DATE
 Washington State Department of Transportation



GENERAL NOTES

- 200 AMP TYPE 120/240 1ø SERVICE CABINET**
- SEE STD. SPECIFICATION 9-28.24, SERVICE CABINETS.
 - HINGES SHALL HAVE STAINLESS STEEL OR BRASS PINS.
 - CABINETS SHALL BE RATED NEMA 3R AND SHALL INCLUDE TWO RAIN TIGHT VENTS.
 - METERING EQUIPMENT DOOR SHALL BE PAD LOCKABLE. EACH DOOR SHALL BE GASKETED. INSTALL BEST CX CONSTRUCTION CORE ON BOTTOM DOOR. SEE DOOR HINGE DETAIL, STANDARD PLAN J-3b. CONCEALED HEAVY DUTY STAINLESS STEEL LIFT OFF HINGES ARE ALLOWED AS AN ALTERNATIVE TO DOOR HINGE DETAIL SHOWN ON STANDARD PLAN J-3b. UPPER DOOR SHALL HAVE 2 HINGES AND LOWER DOOR SHALL HAVE 3 HINGES. THE LOWER DOOR SHALL HAVE A TWO POSITION DOOR STOP ASSEMBLY.
 - THE FOLLOWING EQUIPMENT WITHIN THE SERVICE ENCLOSURE SHALL HAVE AN APPROPRIATELY ENGRAVED PHENOLIC NAME PLATE ATTACHED WITH SCREWS OR RIVETS:
KEY NUMBERS 2, 3, 4, 6, 7, 8, 9, 16 AND 21.
KEY NUMBER 4 NAME PLATE SHALL READ: "PHOTOCELL BYPASS TEST ON" AND "PHOTOCELL TEST OFF-AUTOMATIC". SEE SERVICE CABINET DETAIL.
 - METERING ARRANGEMENTS VARY WITH DIFFERENT SERVING UTILITIES. THE UTILITY MAY REQUIRE METER BASE MOUNTING IN THE ENCLOSURE, ON THE SIDE OR ON THE BACK OF THE ENCLOSURE. THE UTILITY MAY REQUIRE THE DIMENSION BETWEEN THE DOOR AND THE FRONT OF THE SAFETY SOCKET BOX TO BE LESS THAN THE 11 INCHES SHOWN IN THE LEFT SIDE- SAFETY SOCKET BOX MOUNTING DETAIL. SEE STANDARD PLAN J-3b FOR SAFETY SOCKET BOX DETAIL. THE CONTRACTOR SHALL VERIFY THE SERVING UTILITY'S REQUIREMENTS PRIOR TO FABRICATION OF AND INSTALLING THE SERVICE EQUIPMENT.
 - DIMENSIONS SHOWN ARE MINIMUM AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS SIZES OF EQUIPMENT INSTALLED.
 - ALL BUSSWORK SHALL BE HIGH GRADE COPPER AND SHALL EQUAL OR EXCEED THE MAIN BREAKER RATING. ALL BREAKERS SHALL BOLT ONTO THE BUSSWORK. JUMPERING OF BREAKERS SHALL NOT BE ALLOWED. BUSSWORK SHALL ACCOMMODATE ALL FUTURE EQUIPMENT AS SHOWN IN THE BREAKER SCHEDULE.
 - THE PHOTOCELL UNIT SHALL BE CENTERED IN THE PHOTOCELL ENCLOSURE TO PERMIT 360 DEGREE ROTATION OF THE PHOTOCELL WITHOUT REMOVAL OF THE PHOTOCELL UNIT OR PHOTOCELL ENCLOSURE.
 - ALL INTERNAL WIRE RUNS SHALL BE IDENTIFIED WITH "TO - FROM" CODED TAGS LABELED WITH THE CODE LETTERS AND/OR NUMBERS SHOWN ON THE SCHEDULES. APPROVED PVC OR POLYOLEFIN WIRE MARKING SLEEVES SHALL BE USED.
 - ALL NUTS, BOLTS AND WASHERS USED FOR MOUNTING THE PHOTOCELL ENCLOSURE SHALL BE STAINLESS STEEL.
 - A 1% TOLERANCE IS ALLOWED FOR ALL DIMENSIONS.
 - THE PHOTOCELL CIRCUIT SHALL BE INSTALLED IN FLEX CONDUIT WITHIN THE METER COMPARTMENT.
 - INSTALL CONDUIT COUPLINGS ON ALL CONDUITS. PLACE COUPLINGS FLUSH WITH TOP OF CONCRETE FOUNDATION.
 - SEE PLANS FOR BREAKER SCHEDULE.
 - SEAL CABINET TO FOUNDATION WITH A 1/2" BEAD OF SILICONE. APPLY SILICONE TO DRY SURFACE ONLY.
 - THE METER BASE PORTION OF THIS SERVICE WAS DESIGNED TO MEET METERING PORTION OF EUSERC DRAWING 308 REQUIREMENTS.

- KEY**
- METER BASE PER SERVING UTILITY REQUIREMENTS. AS A MINIMUM, THE METER BASE SHALL BE SAFETY SOCKET BOX WITH FACTORY INSTALLED TEST BYPASS FACILITY THAT MEETS THE REQUIREMENTS OF EUSERC DRAWING 308.
 - MAIN BREAKER (SEE BREAKER SCHEDULE)
 - PHOTOCELL BREAKER (SPST 15 AMP - 120/240 VOLT)
 - TEST SWITCH (SPDT SNAP ACTION, POSITIVE CLOSE, 15 AMP - 120/277 VOLT "T" RATED)
 - PHOTOELECTRIC CONTROL, STD. SPEC. 9 - 29.11(2)
 - BRANCH BREAKER (SEE BREAKER SCHEDULE)
 - SIGNAL BREAKER (SEE BREAKER SCHEDULE)
 - CONTACTOR (SEE BREAKER SCHEDULE)
 - RECEPTACLE BREAKER (SPST 20 AMP - 120/240 VOLT)
 - RECEPTACLE, GROUNDED (GFCCI 20 AMP - 125 VOLT)
 - NEUTRAL BUSS, 14 LUG COPPER
 - PHOTOCELL ENCLOSURE - ENCLOSURE TO BE FABRICATED FROM 5/8" EXPANDED STEEL MESH WITH WELDED SEAMS AND MOUNTING FLANGES. HOT DIP GALVANIZED AFTER FABRICATION. TYPE 6052 - H32 ALUMINUM WITH 5/8" x 5/8" OPENINGS EQUIVALENT TO 5/8" EXPANDED STEEL MESH MAY BE USED AS ALTERNATIVE MATERIAL. SEE PHOTOCELL ENCLOSURE MOUNTING DETAILS, STANDARD PLAN J-3b.
 - HINGED FRONT FACING DOOR WITH 4" x 4" MIN. POLISHED WIRE GLASS WINDOW.
 - HINGED DEAD FRONT WITH 1/4 TURN FASTENERS OR SLIDE LATCH.
 - CABINET MAIN BONDING JUMPER. BUSS SHALL BE 4 LUG TINNED COPPER. SEE CABINET MAIN BONDING JUMPER DETAIL, STANDARD PLAN J-3b.
 - SPARE BRANCH BREAKER (DPST 20AMP- 120/240 VOLT)
 - METAL WIRING DIAGRAM HOLDER
 - REMOVABLE EQUIPMENT MOUNTING PAN
 - 6" x 6" MIN. UNDERGROUND FEED - SERVICE WIREWAY (LEFT REAR CORNER)
 - SCREENED VENTS, 2 REQUIRED, 1 EACH SIDE, LOUVERED PLATES.
 - HEATER BREAKER (SPST 15 AMP - 120/240 VOLT)
 - THERMOSTAT, 40°F CLOSURE - 3 DIFFERENTIAL
 - STRIP HEATER (100 WATT NOMINAL), WITH TERMINAL STRIP COVER.
 - 24 CIRCUIT PANEL BOARD - MINIMUM SIZE WITH SEPARATE MAIN BREAKER.
 - LABEL CABINET WITH BUSSWORK RATING.



**SERVICE CABINET TYPE D
(0 - 200 AMP TYPE
120/240 SINGLE PHASE)
STANDARD PLAN J-3c**

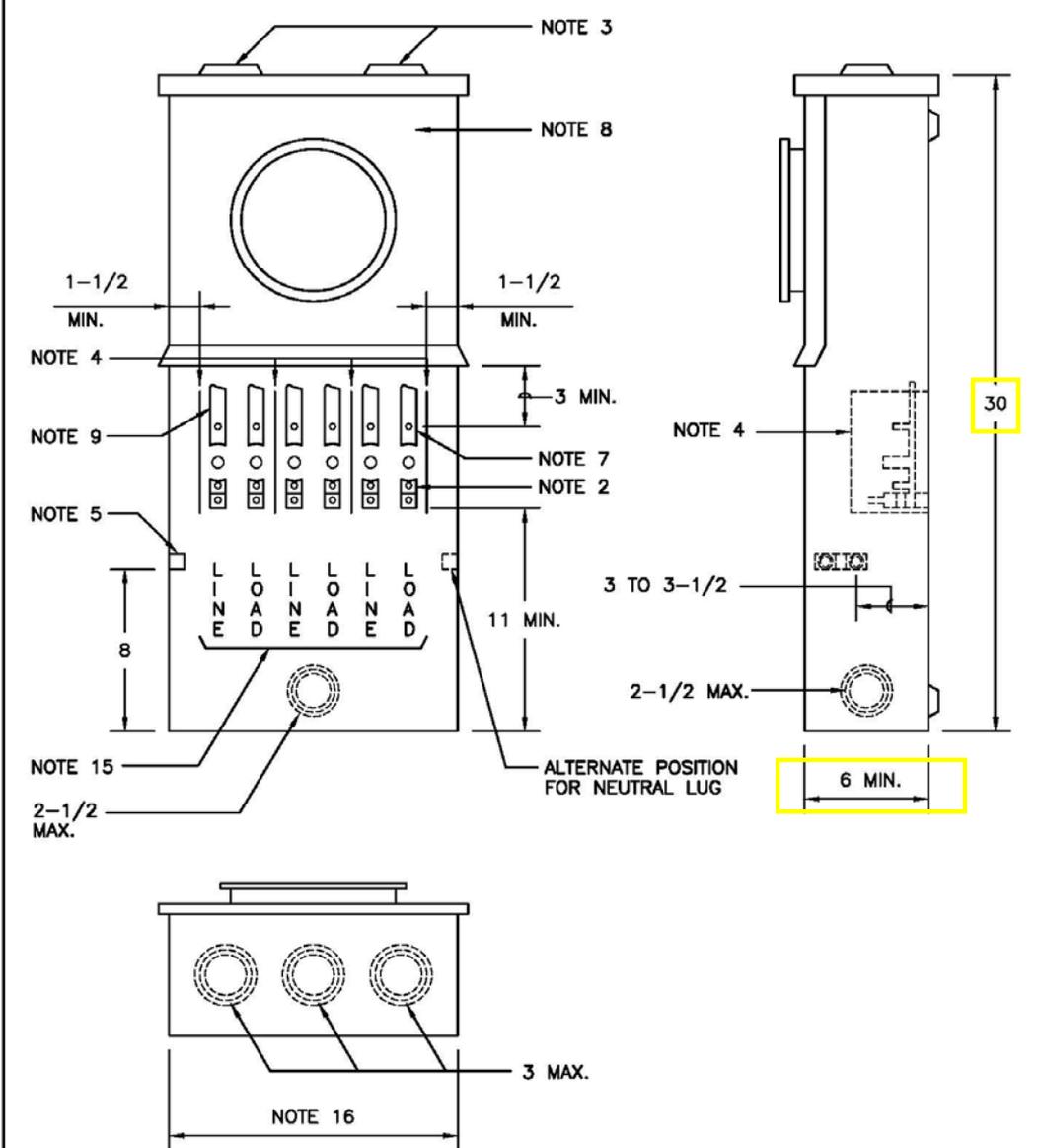
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold Peterson 6-24-02

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



ALL DIMENSIONS SHOWN ARE IN INCHES

REV.	DATE	DESCRIPTION		
3	08/97	REVISE LUG DESIGNATION IN NOTE 2 - PROJECT #961120		
SCALE N.T.S.	SAFETY SOCKET BOX WITH FACTORY INSTALLED TEST-BYPASS FACILITIES, 200 AMPERE, 0-600 VOLTS		SHT 1 OF 2	
DATE 08/97			ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE	DWG NO. 305

NOTES:

1. This device may be used for commercial, multi-family residential (not separately metered) and other types of occupancies.
2. Cable terminating facilitates shall be aluminum bodied mechanical lugs with a range of No. 1/0 AWG through No. 250 KCMIL.
3. Hubs capped off if used for underground feed.
4. Rigid insulating barriers.
5. Insulated bondable vertical lay-in, double neutral lug with No. 250 KCMIL wire capacity, mounted on either sidewall.
6. Test-bypass blocks shall be bussed or wired to socket jaws or terminals.
7. Upper test connector studs.
8. All panels shall be independently removable. Meter panel shall be provided with a sealing ring and the meter socket shall be rigidity mounted on support and attached to the meter panel. Test-bypass compartment cover panel shall be sealable and permanently labeled: "DO NOT BREAK SEALS. NO FUSES INSIDE".
9. Test-bypass block detail on Dwg. 312.
10. For 3-phase, 4 wire, connect 7th jaw to body of neutral lug with No. 12 Min. copper wire, white in color.
11. For 3-phase, 4 wire delta, identify right hand test-bypass block (2 poles) as power leg. Identification to be orange in color.
12. For 3-phase, 3 wire, install bus to connect line and load poles together at top of center test-bypass block and connect 5th jaw to this bus, using No. 12 Min. copper wire. Color shall be other than white, gray, green or orange.
13. For 1-phase, 3 wire, provide two test-bypass blocks mounted in the outer positions and a four jaw socket.
14. For 1-phase, 3 wire, 120/208 volt, provide two test-bypass blocks mounted in the outer positions and a five jaw socket. Connect 5th jaw of meter socket to body of neutral lug with a No. 12 Min. copper wire, white in color.
15. Decals on inside back of enclosure in 3/4 inch minimum block letter labeling.
16. Minimum width of access opening shall be 11-1/2 inches.

REV.	DATE	DESCRIPTION	
3	08/97	REVISE LUG DESIGNATION IN NOTE 2 - PROJECT #961120	
SCALE	SAFETY SOCKET BOX WITH FACTORY INSTALLED TEST-BYPASS FACILITIES, 200 AMPERE, 0-600 VOLTS		SHT 2 OF 2
N.T.S.			DWG NO.
DATE	ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE		
08/97			305

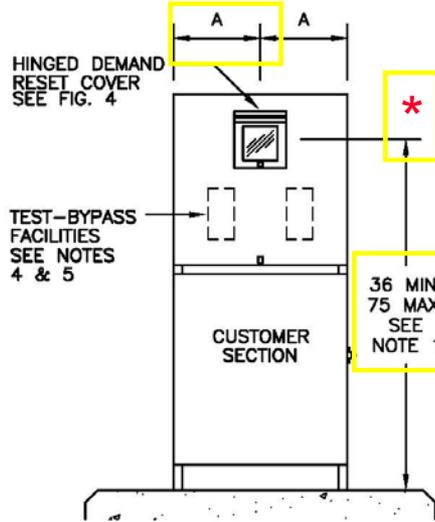


FIGURE 1
FRONT VIEW

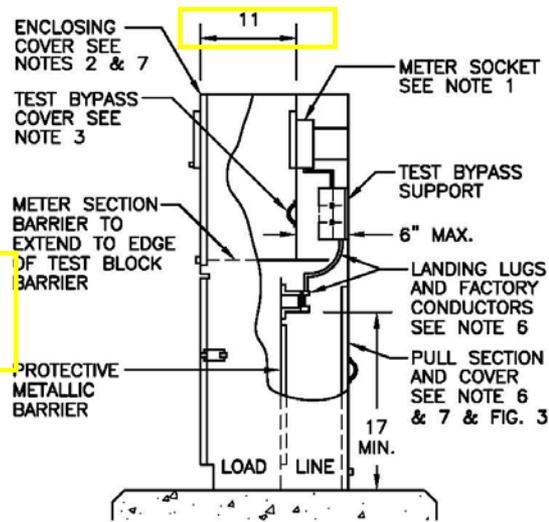


FIGURE 2
SIDE VIEW

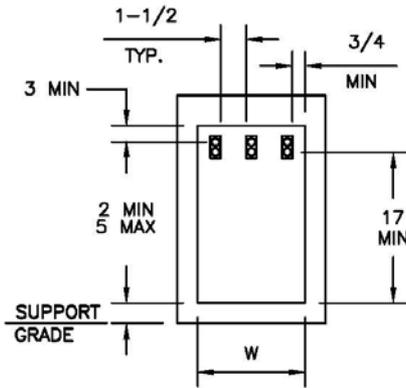


FIGURE 3
WIREWAY PULL SECTION

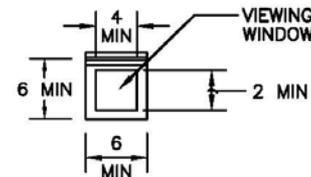


FIGURE 4
HINGED DEMAND RESET
WITH POLYCARBONATE VIEWING

TABLE 1 - MINIMUM DIMENSIONS

SERVICE	W *	A **
1 PHASE	10-1/2	10
3 PHASE	12-1/2	

* SEE NOTE 6
** SEE NOTE 2

NOTES:

1. The meter panel shall be provided with a sealing ring and the meter socket shall be rigidly mounted on a support and attached to the meter panel. Ringless sockets are not acceptable. Meter height is measured from the center of the meter-socket.

ALL DIMENSIONS SHOWN ARE IN INCHES

REV.	DATE	DESCRIPTION
2	12/05	REVISED NOTES ON SHEET 2 & ADDED DIMENSION WORD TO FIGURE 4-#040812 & #040505
SCALE	COMMERCIAL FIXED TOP SERVICE PEDESTALS 0-200 AMPERES 0-600 VOLTS	
N.T.S.		
DATE	ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE	
10/98		

drawing from 2007 EUSERC manual.

* Dimension omitted from EUSERC 2007 drawing – see EUSERC 2004 drawing.

2. The meter socket shall be enclosed and the enclosing cover shall meet the following conditions:
 - a. Constructed with fixed top and sides with access to the metering compartment provided through a hinged door. The hinged door shall be equipped with a device to hold the door in the open position at 90 degrees or more.
 - Note: "A" and "B" dimensions are measured from the center of the meter socket to the access opening return flanges.
 - b. Equipped with a lifting handle.
 - c. Sealable and lockable with a padlock having a 5/16-inch lock shaft.
 - d. Provided with a demand reset cover with a viewing window (see fig. 4). The reset cover shall be sealable and lockable with a padlock having a 5/16-inch lock shaft.
3. Test-bypass compartment covers shall be sealable and fitted with a lifting handle. Covers exceeding 16 inches in width shall require two lifting handles.
4. Test-bypass blocks with rigid barriers shall be furnished, installed and wired or bussed to the meter socket by the manufacturer. Connection sequences shall be LINE-LOAD from left to right and clearly identified by 3/4 inch minimum block letter labeling. See Drawings 311 and 312 for test-bypass block details.
5. Test-bypass shall be installed with the following clearances:
 - a. 3-inches of vertical clearance from the upper test connector stud to the upper compartment access opening and 3-inches from the center of the cable terminal screw to the lower compartment access opening.
 - b. 1-1/2 inches of side clearance from the rigid insulating barriers to the compartment sides and 1 inch to the compartment access openings.
6. When a neutral is required for metering or testing, an insulated neutral terminal shall be provided behind the test-bypass compartment cover. The terminal shall be readily available when the cover is removed and shall be connected to the neutral terminal in the pull section by a minimum size no. 8 copper wire.
7. The terminating pull section shall:
 - a. Comply with minimum dimensions shown in Table 1 (The "W" dimension is measured between the access opening return flanges), accept a minimum 3 inch conduit, and the cover shall be equipped with a lifting handle.
 - b. Be equipped with a aluminum-bodied, mechanical lugs, with a range of No. 6 AWG through 250 KCMIL, for termination of the service conductors. Insulated cable or bus shall be installed between the termination lugs and the test-bypass facilities.
 - c. Have a protective metallic barrier (16 gauge minimum) provided between the pull section and the customer distribution section. There shall be a 1/4 inch minimum clearance between the customer section wall and barrier to prevent screws and bolts from protruding into the pull section.
8. Utility compartments covers (i.e., meter cover, demand reset cover, and pull section) shall be sealable and lockable with a padlock having a 5/16 inch lockshaft.
9. Internal equipment attached to the outer walls of the enclosure shall be secured in place with devices that may not be loosened from the outside. Screws or bolts requiring special tools for installation or removal are not acceptable.
10. For structural mounting and support of the pedestal consult the serving agency.

REV.	DATE	DESCRIPTION
2	12/05	REVISED NOTES ON SHEET 2 & ADDED DIMENSION WORD TO FIGURE 4-#040812 & #040505
SCALE N.T.S.	COMMERCIAL FIXED TOP SERVICE PEDESTALS 0-200 AMPERES 0-600 VOLTS	
DATE 10/98	ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE	SHT 2 OF 2 DWG NO. 309 REV. 2

drawing from 2007 EUSERC manual.

*EUSERC 2004 drawing.

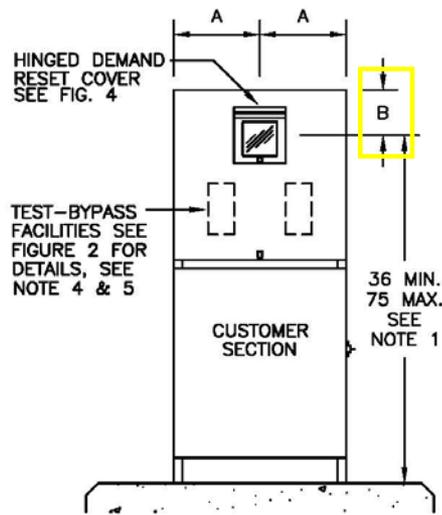


FIGURE 1
FRONT VIEW

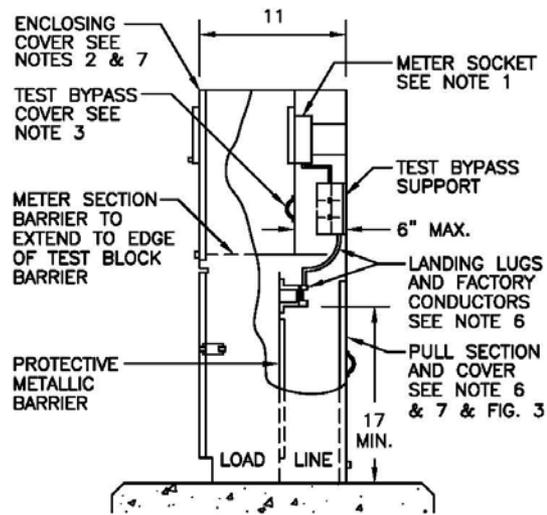


FIGURE 2
SIDE VIEW

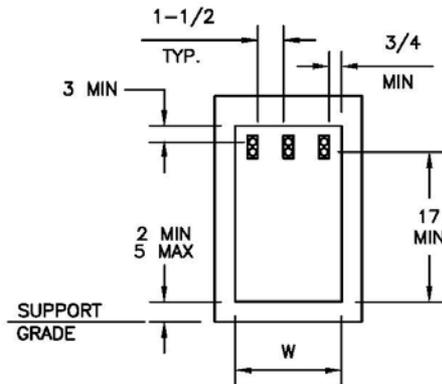


FIGURE 3
WIREWAY PULL SECTION

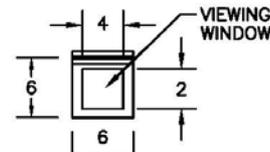


FIGURE 4
HINGED DEMAND RESET
WITH POLYCARBONATE VIEWING

TABLE 1 - MINIMUM DIMENSIONS

SERVICE	W*	A**	B**
1 PHASE	10-1/2	10	9
3 PHASE	12-1/2	10	9

* SEE NOTE 6 & 7
** SEE NOTE 2 & 7

NOTES:

- The meter panel shall be provided with a sealing ring and the meter socket shall be rigidly mounted on a support and attached to the meter panel. Ringless sockets are not acceptable. Meter height is measured from the center of the meter-socket.

ALL DIMENSIONS SHOWN ARE IN INCHES

REV.	DATE	DESCRIPTION		
	1/99	REVISION ADDED MIN. DIMENSION TO TABLE 1		
SCALE	N.T.S.	COMMERCIAL FIXED TOP SERVICE PEDESTALS 0-200 AMPERES 0-600 VOLTS	SHT 1 OF 2	
DATE	10/98		DWG NO.	REV.
		ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE	309	

2. The meter socket shall be enclosed and the enclosing cover shall meet the following conditions:
 - a. The cover shall have a fixed top and sides with access to the metering compartment provided through a hinged door. The hinged door shall be equipped with a device to hold the door in the open position at 90 degrees or more.
- Note: "A" and "B" dimensions are measured from the center of the meter socket to the access opening return flanges.
3. Test-bypass compartment covers shall be sealable and fitted with a lifting handle. Covers exceeding 16 inches in width shall require two lifting handles.
 4. Test-bypass blocks with rigid barriers shall be furnished, installed and wired or bussed to the meter socket by the manufacturer. Connection sequences shall be LINE-LOAD from left to right and clearly identified by 3/4 inch minimum block letter labeling. See Drawings 311 and 312 for test-bypass block details.
 5. Test-bypass shall be installed with the following clearances:
 - a. 3-inches of vertical clearance from the upper test connector stud to the upper compartment access opening and 3-inches from the center of the cable terminal screw to the lower compartment access opening.
 - b. 1-1/2 inches of side clearance from the rigid insulating barriers to the compartment sides and 1 inch to the compartment access openings.
 6. The terminating pull section shall:
 - a. Comply with minimum dimensions shown in Table 1 (The "W" dimension is measured between the access opening return flanges), accept a minimum 3 inch conduit, and the cover shall be equipped with a lifting handle.
 - b. Be equipped with a aluminum-bodied, mechanical lugs, with a range of No. 6 AWG through 250 KCML, for termination of the service conductors. Insulated cable or bus shall be installed between the termination lugs and the test-bypass facilities.
 - c. Have a protective metallic barrier (16 gauge minimum) provided between the pull section and the customer distribution section. There shall be a 1/4 inch minimum clearance between the customer section wall and barrier to prevent screws and bolts from protruding into the pull section.
 7. Utility compartments covers (i.e., meter cover, demand reset cover, and pull section) shall be sealable and lockable with a padlock having a 5/16 inch lockshaft.
 8. Internal equipment attached to the outer walls of the enclosure shall be secured in place with devices that may not be loosened from the outside. Screws or bolts requiring special tools for installation or removal are not acceptable.
 9. For structural mounting and support of the pedestal consult the serving agency.

REV.	DATE	DESCRIPTION		
	1/99	REVISION ADDED MIN. DIMENSION TO TABLE 1		
SCALE	N.T.S.	COMMERCIAL FIXED TOP SERVICE PEDESTALS 0-200 AMPERES 0-600 VOLTS		SHT 2 OF 2
DATE	10/98			ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE
				REV.





MAIN DISCONNECT

MAIN DISCONNECT

THESE CIRCUIT BREAKERS
PROTECT THE CIRCUITS FROM
OVERCURRENT CONDITIONS
DO NOT REWIRE THEM

ILLUM A

ILLUM C

ILLUM B

ILLUM D



LIGHT CNTRL

SIGNAL

RECP.

HEATER

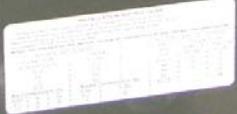
MANUFACTURED BY
BROWNFIELD
MANUFACTURING, INC.
1828 BICKFORD AVE. SNOHOMISH, WA 98290
(360) 568-0572
www.brownfieldmfg.com

120/240 VOLTS

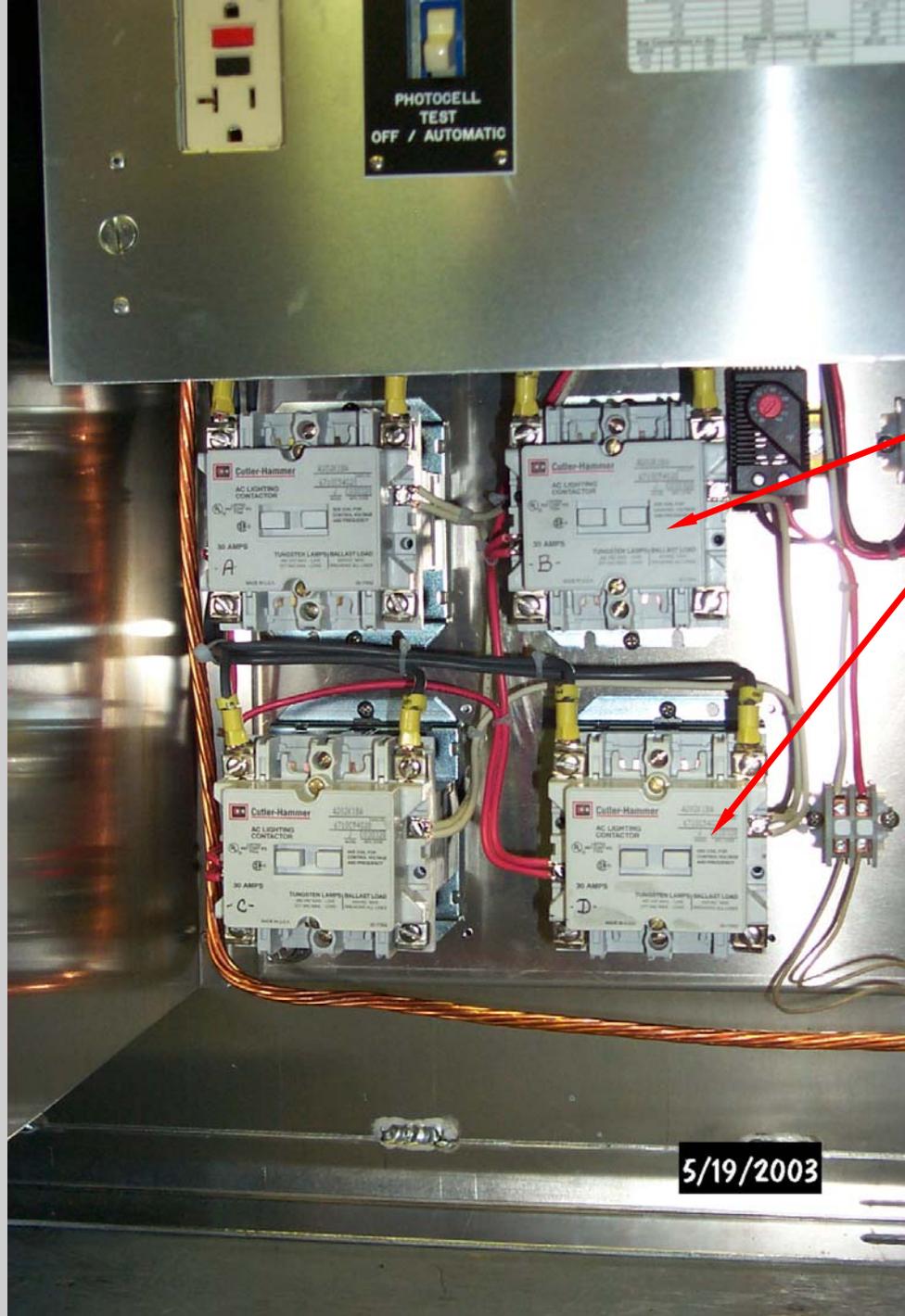


PHOTOCELL
BYPASS
TEST ON

PHOTOCELL
TEST
OFF / AUTOMATIC

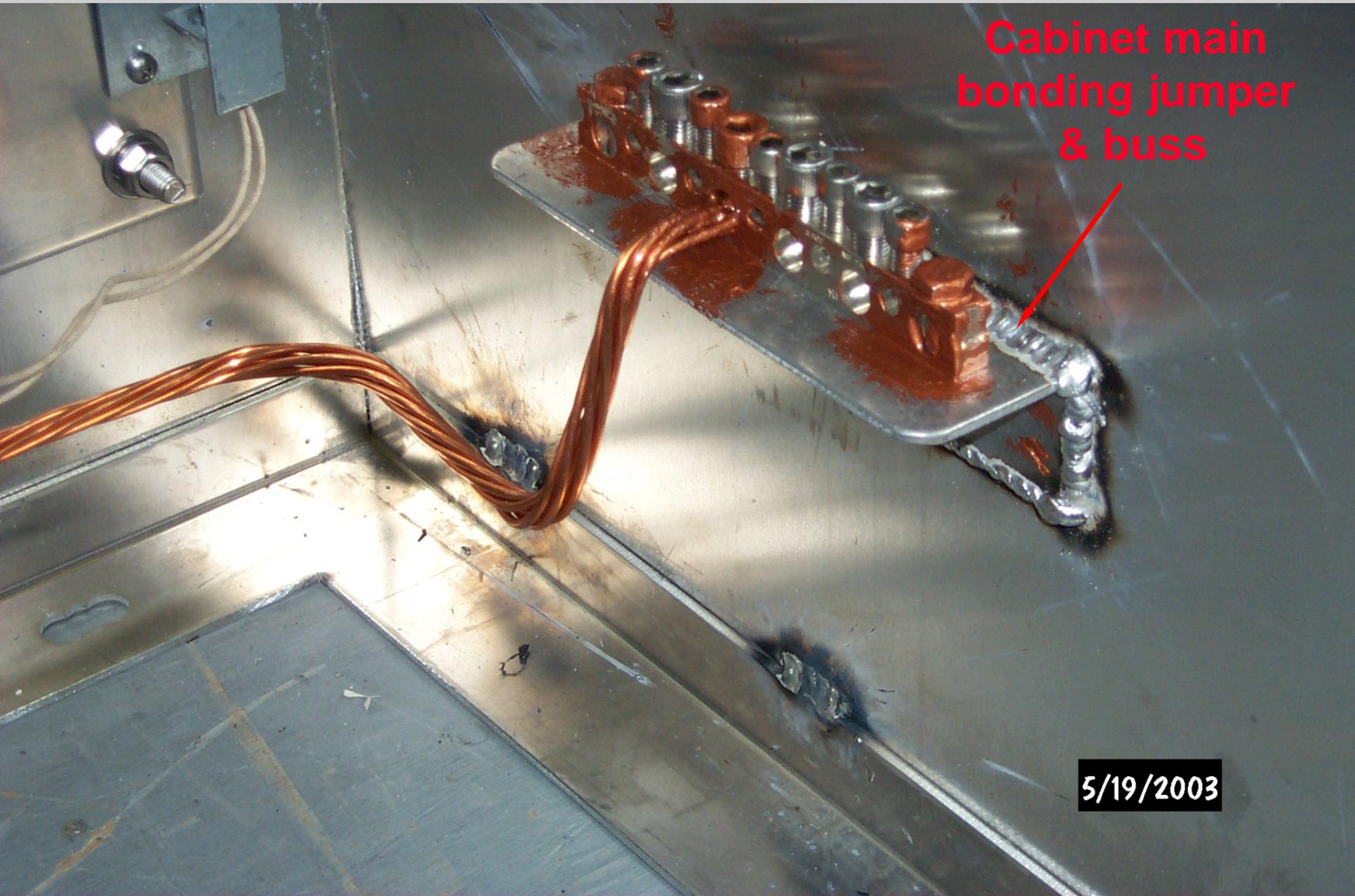


5/19/2003



Lighting contactors

5/19/2003



Cabinet main bonding jumper & buss

5/19/2003



6/16/2003



MAIN DISCONNECT



MAIN DISCONNECT
120/240 VOLT

ILLUM A



LIGHT CTRL

SIGNAL

REC



PHOTOCELL BYPASS TEST ON
PHOTOCELL TEST OFF / AUTOMATIC



CAUTION



MANUFACTURED BY
BROWNFIELD
MANUFACTURING
1425 BUCKFORD AVE. SEASIDE, MA 01978
(360) 568-0572
www.brownfield.com

MANUFACTURED BY
BROWNFIELD
MANUFACTURING
1425 BUCKFORD AVE. SEASIDE, MA 01978
(360) 568-0572
www.brownfield.com

6/16/2003

120/240 VOLTS

Capacity



CAUTION
Before servicing
check tightness of all
connections.

Table with technical specifications and wiring information.

MANUFACTURED BY
BROWNFIELD
MANUFACTURING INC.
1828 BICKFORD AVE., BROWNSVILLE, TX 77804
(360) 568-0572
www.brownfieldmfg.com

6/16/2003

53, 1/2" FLANGE
90 (2), SUPER ROOM

3/4"



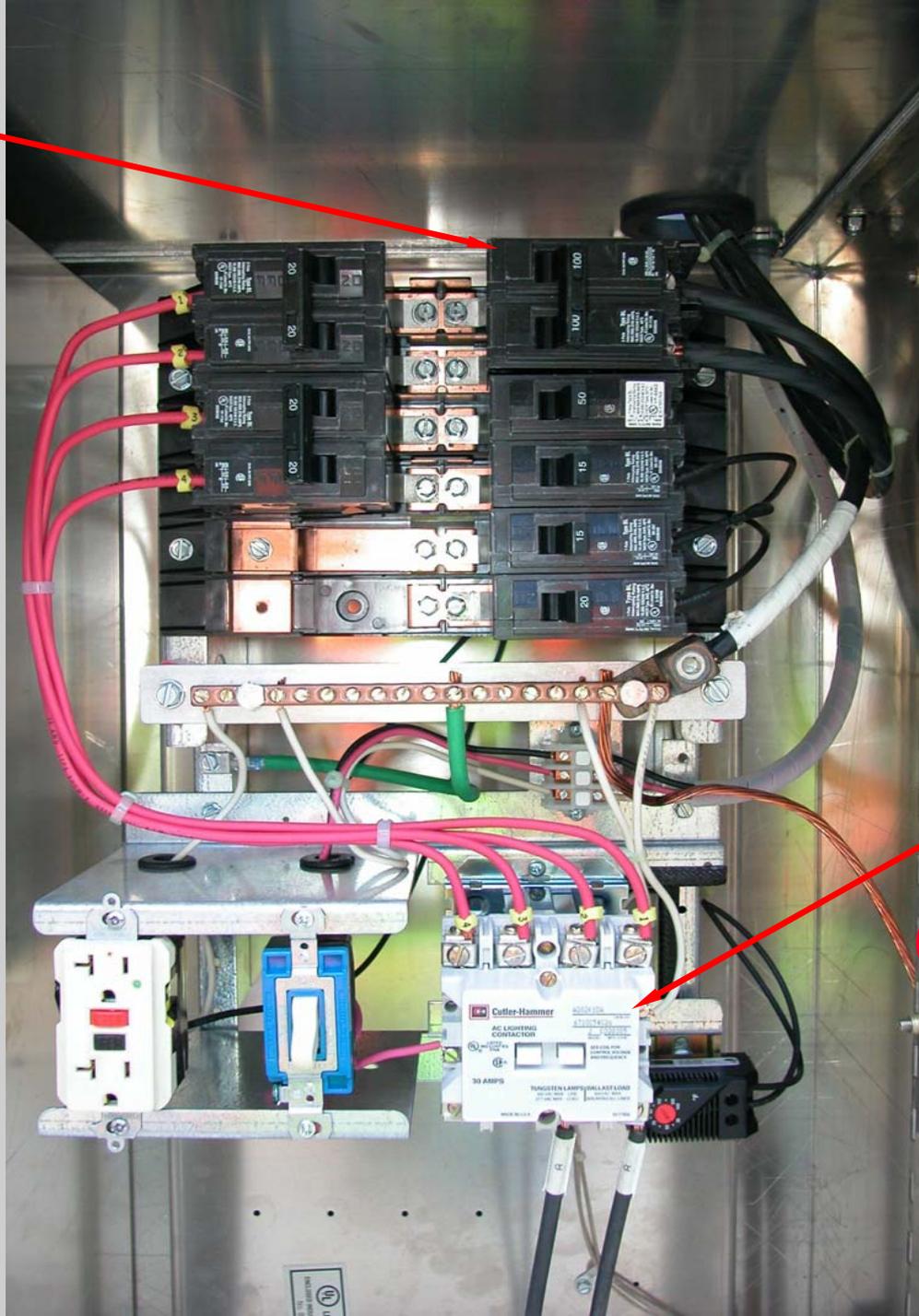
This slotted steel channel is specified as 1-5/8" x 2-7/16" not 1-5/8" x 1-5/8"

6/16/2003



6/16/2003

Back-fed
main breaker
(not acceptable)



Dual circuit
contactor
(not acceptable)

Wow – that's one tall garbage can!!



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5 4:43 PM



I didn't know there was a ditch here!

If you have any questions, please
contact Terry Thayer at:
360-705-7290