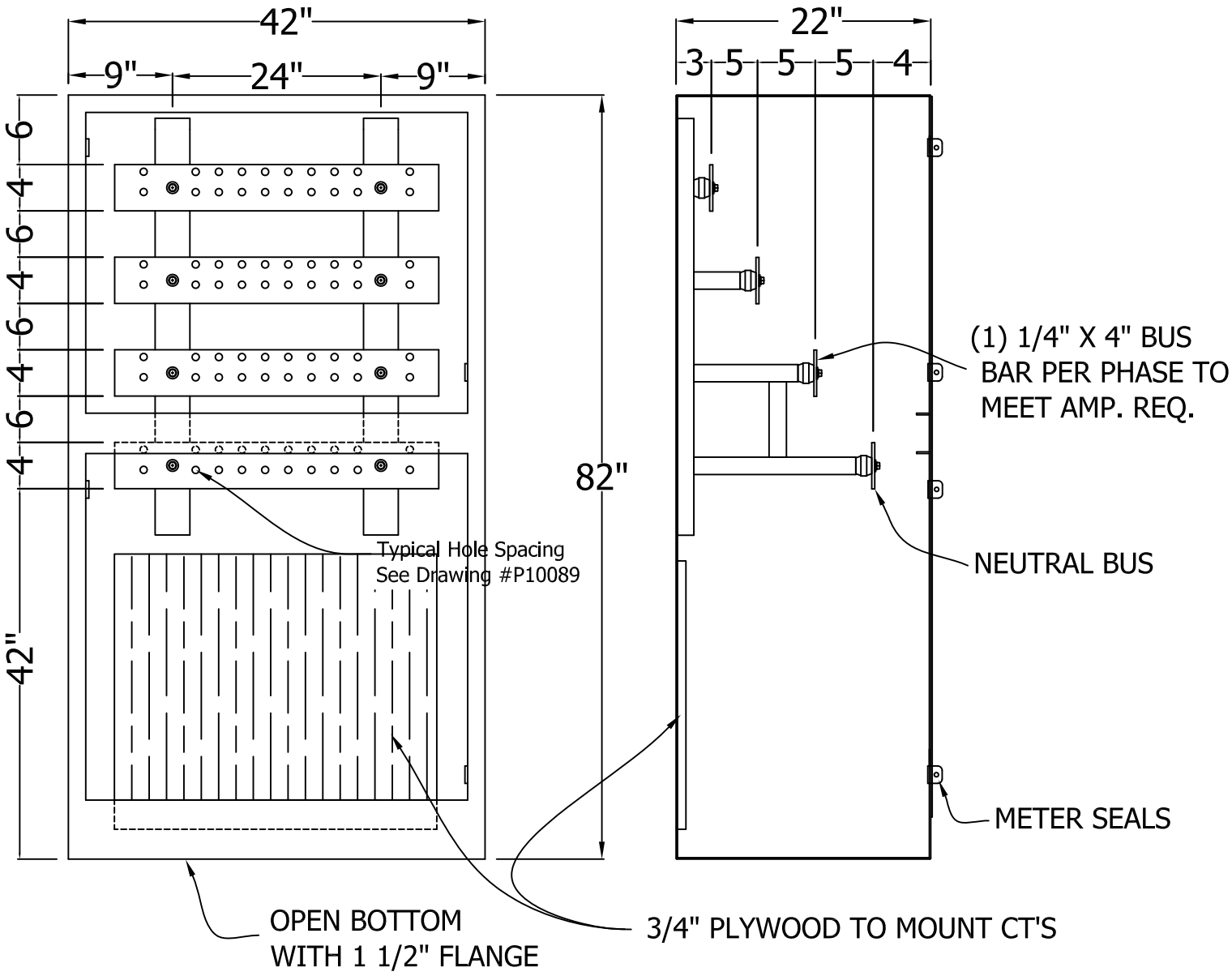
TECHNICAL SPECIFICATIONS



FRONT VIEW
(SHOWN WITH COVERS REMOVED)

SIDE VIEW
(SHOWN WITH COVERS IN PLACE)

(FOR ADDITIONAL INFORMATION SEE DRAWING #P10089.)

DWG. TITLE:	SMECO C/T BUSBAR CABINET FOR SERVICE CABLE TERMINATION 400 - 1000 Amp	
DWG. NO.: P10086	PART NO.: SMCTB101/3	DATE: 7/9/13

N.J. SULLIVAN CO., INC.
P.O. BOX 438, STERLING, VIRGINIA 20167
Phone: (703)-464-5944 Fax: (703)-464-5992
www.njsullivan.com

Technical Specification

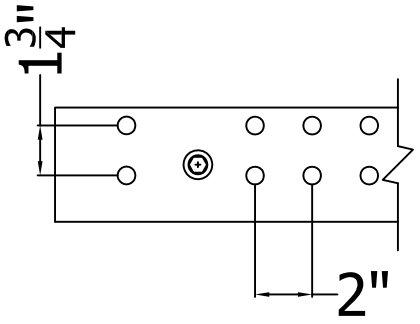
1 - CABINET FABRICATION IS A WELDED CONSTRUCTION IN ACCORDANCE WITH NEMA 1 AND 3R SPECIFICATIONS. MATERIAL IS 12 GAUGE G-90 GRADE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A924. ALL JOINTS AND SEAMS ARE WELDED THEN REFINISHED WITH GALVANIC COATING TO PRESERVE FINISH.

2 - BUSBARS ARE FABRICATED FROM SILVER PLATED C110 ELECTROLYTIC TOUGH PITCH COPPER CONFORMING TO ASTM B133, AND B187. ELECTRICAL CONDUCTIVITY IS 101% IACS. BUSS BARS ARE PUNCHED TO ACCOMMODATE STANDARD 2 HOLE HIGH-PRESS LUGS.

3 - ALL STANDOFF INSULATORS ARE MOLDED OF UL RECOGNIZED FLAME RESISTANT FIBERGLASS-REINFORCED THERMOSET POLYESTER MOLDING COMPOUND WITH THREADED INSERTS AT EACH END. UL RECOGNIZED ACCORDING TO UL STANDARD FOR SAFETY 891.

4 - BUSBAR SUPPORT BRACKETS CONSTRUCTED OF 3" STEEL "C" CHANNEL AND $1\frac{1}{2}$" SQ. TUBING CONFORMING TO ASTM A36.

5 - ALL HARDWARE USED FOR FABRICATION IS PLATED STEEL.



Typical NEMA spacing
for 2 hole lug. ($\phi\,\frac{5}{8}$" Holes)

Busbar Detail

PART NUMBER	USAGE	AMPERAGE RATING	CABINET DIMENSIONS			BUS BAR SIZE
			HEIGHT	WIDTH	DEPTH	
SMCTB101	INDOOR	400 - 1000	82"	42"	22"	(1) 1/4" x 4"
SMCTB103	OUTDOOR					
SMCTB201	INDOOR	1001 - 2000	82"	42"	22"	(2) 1/4" x 4"
SMCTB203	OUTDOOR					
SMCTB301	INDOOR	2001 - 3000	90"	48"	22"	(2) 1/4" x 6"
SMCTB303	OUTDOOR					

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