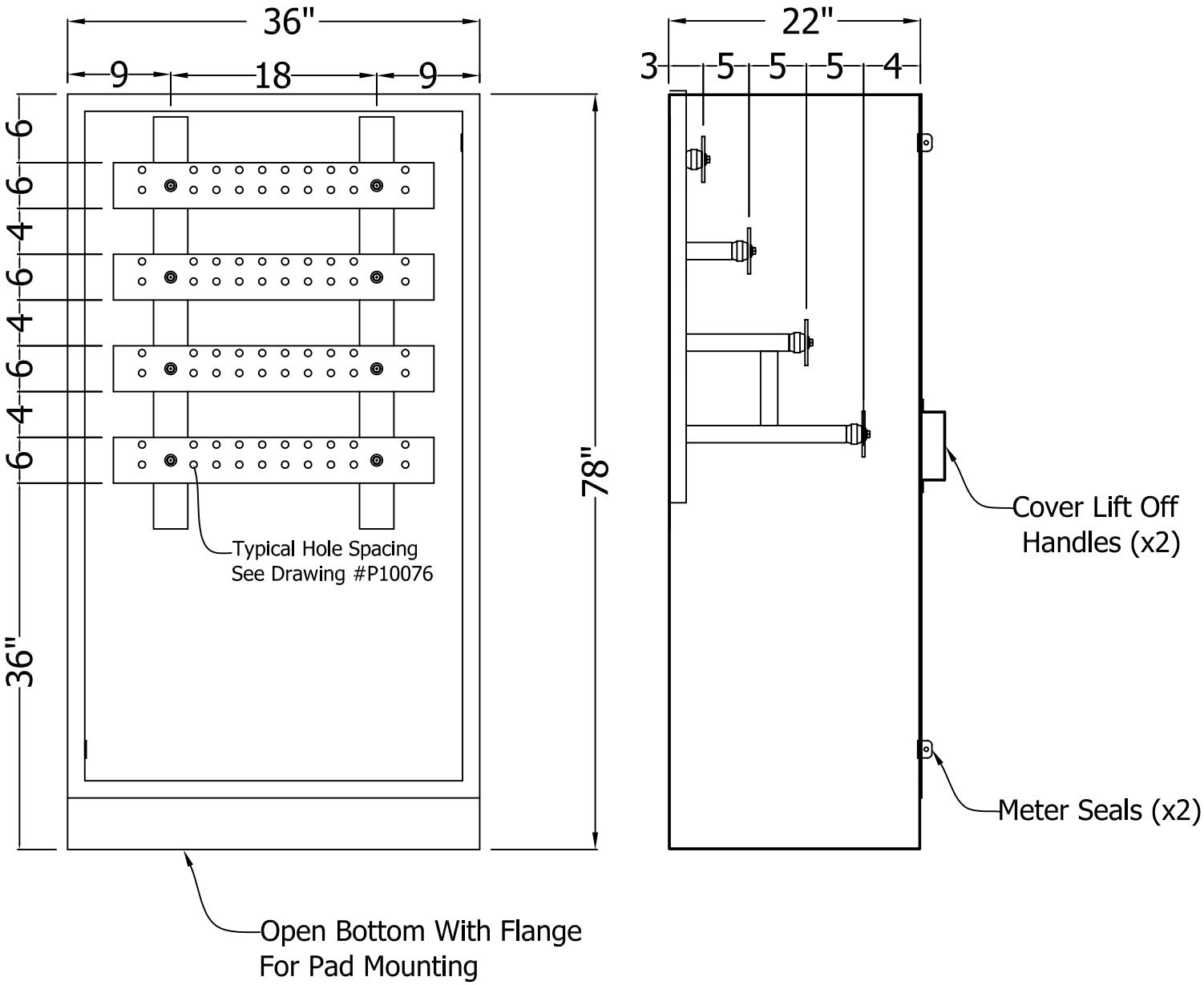
Technical Specification



Front View
(Shown with cover removed)

Side View
(Shown with cover in place)

(For additional information see drawing #P10076.)

DWG. TITLE:	SMECO BUSBAR CABINET FOR SERVICE CABLE TERMINATION 2001 - 3000 Amp	
DWG. NO.: P10075	PART NO.: SMBC301 : INDOOR SMBC303 : OUTDOOR	DATE:

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

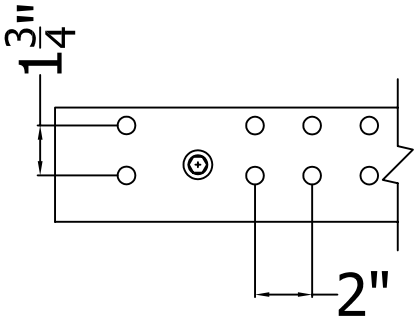
1 - CABINET FABRICATION IS A WELDED CONSTRUCTION IN ACCORDANCE WITH NEMA 1 AND 3R SPECIFICATIONS. MATERIAL IS 12 GAUGE G-90 GRADE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A924. ALL JOINTS AND SEAMS ARE WELDED THEN REFINISHED WITH GALVANIC COATING TO PRESERVE FINISH.

2 - BUSSBARS 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 ACCOMODATE 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		
			HEIGHT	WIDTH	DEPTH
SMBC101	INDOOR	200 - 1000	$58\frac{1}{2}$"	36"	22"
SMBC103	OUTDOOR				
SMBC201	INDOOR	1001 - 2000	66"	36"	22"
SMBC203	OUTDOOR				
SMBC301	INDOOR	2001 - 3000	78"	36"	22"
SMBC303	OUTDOOR				

DWG. TITLE: SMECO BUSBAR CABINET FOR SERVICE CABLE TERMINATION

DWG. NO.: P10076

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