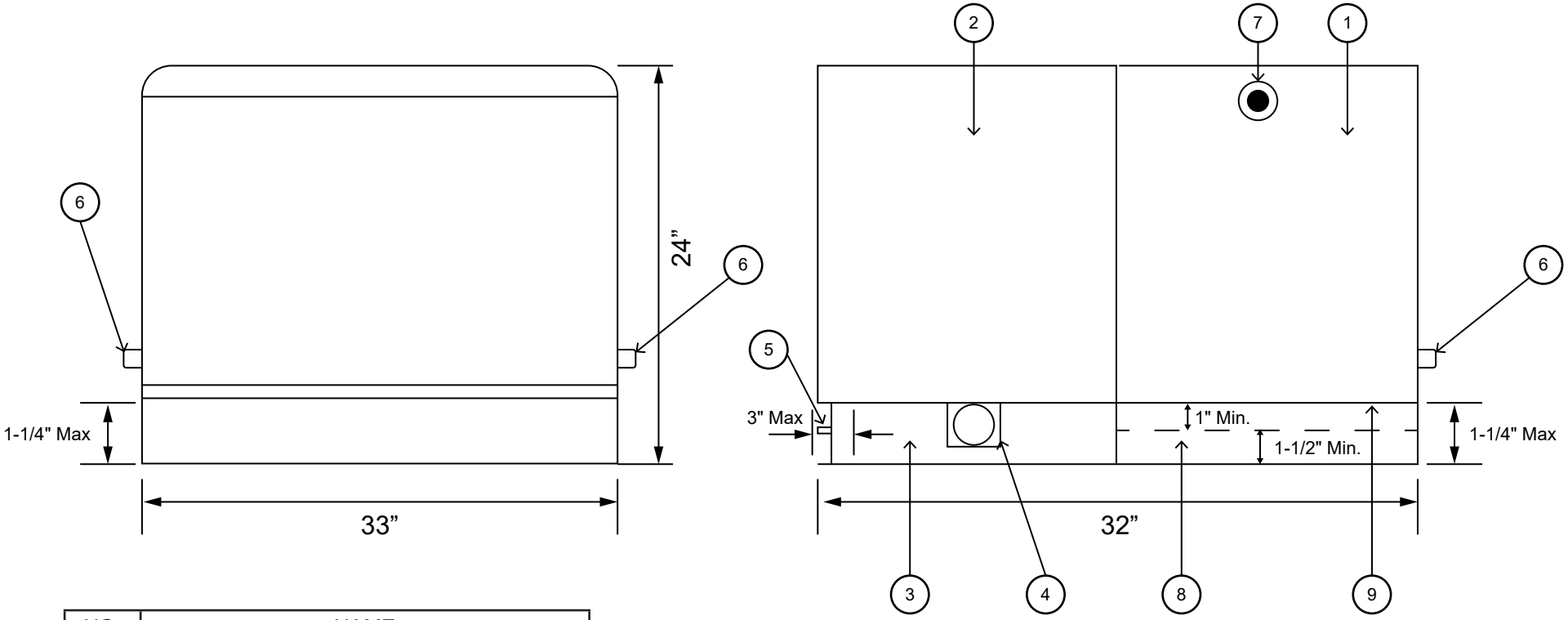


NO.	NAME
1	Transformer Tank
2	Lift-Up Hinged Lid
3	Removable Base Sill, 304 Stainless Steel
4	2" Dia. Access Hole, Centered
5	Pentahead Bolt w/ Padlock Provision
6	Ground Boss, 1/2"-13 UNC x 7/16" Deep
7	Lifting Boss
8	Tank Skirt, 304 Stainless Steel
9	Tank Faceplate, Mild Steel

Approx Weight: 800 lbs.
Approx Fluid Capacity: 110 Gal

Maximum Allowed Depth of Tank + Sill is 41"
Maximum Allowed Width of Tank + Sill is 38"

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

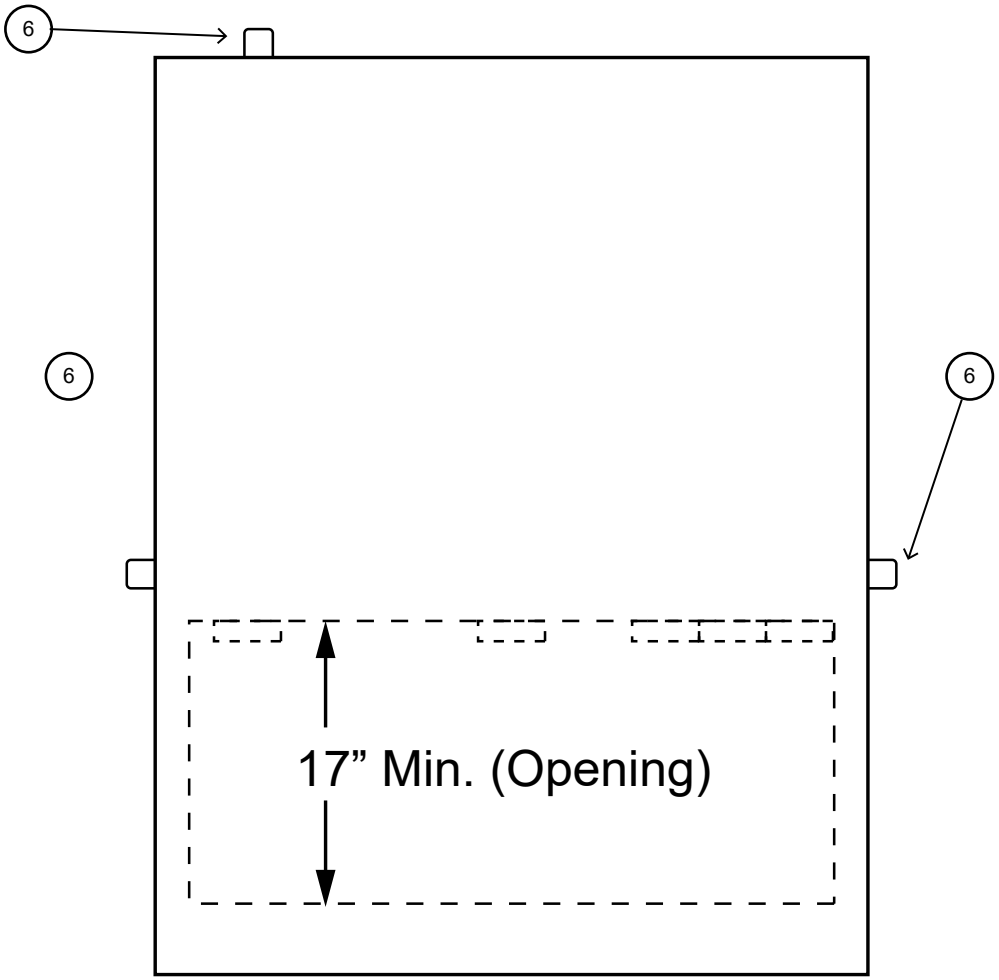
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1



TOP

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

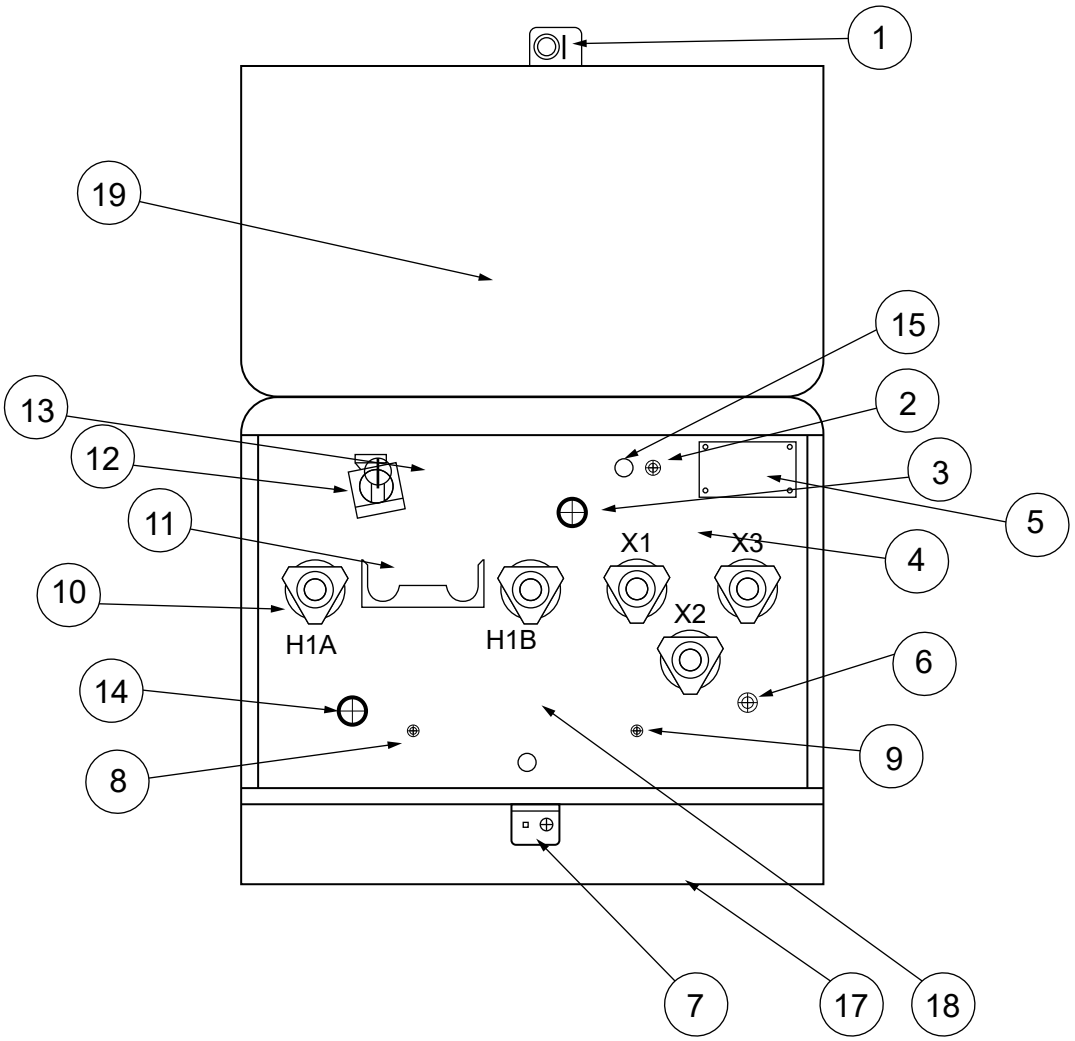
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1



SQ	NAME	QTY	REMARK
1	Lock mechanism	1	Pentahead Bolt
2	Pressure relief valve	1	automatic action
3	oil level indicator	1	Sight Glass Liquid Level Gauge
4	Low Voltage Bushing	3	Copper Stud w/ NEMA Spade
5	Name Plate	1	stainless steel riveted
6	Drain Plug	1	1/2" NPT Port w/ Bolt Plug
7	Padlock Posistion	1	
8	HV Grounding Lug	1	1/2"-13 UNC x 7/16" Deep
9	LV Grounding Lug	1	1/2"-13 UNC x 7/16" Deep
10	High-voltage Bushing Wells	2	200A Well Bushings
11	Parking Stand for Elbow Connectors	1	
12	Bayonet Fuse	1	with drip shield
13	Backup Current Limiting Fuse	1	Oil Immersed in Tank
14	Load Break Switch	1	2-Pos. LBOR
15	Fill Plug	1	1/2" NPT Port w/ Bolt Plug w/o Sampler
16	Thermometer	0	N/A
17	Transformer Base	1	stainless steel
18	Transformer Housing	1	steel
19	Lift Up Lid	1	steel
20	Pressure/Vacuum Gauge	0	N/A

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

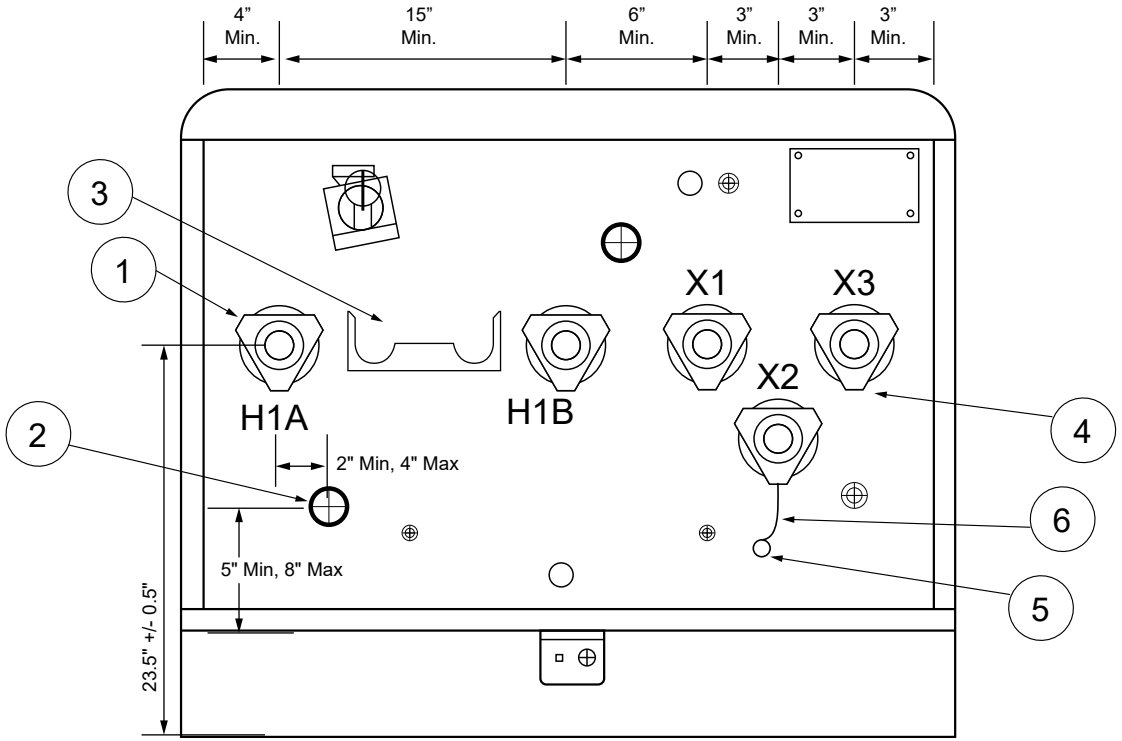
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

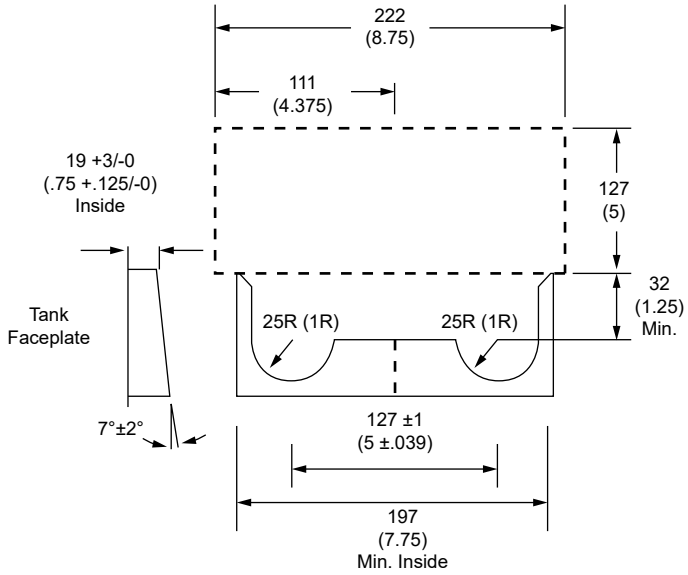
		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1



Double parking stand



NO.	NAME	BIL	KV RATING	AMPERAGE	REMARK
1	HV Bushing Wells	125 kV	25 kV	200A	Well Bushings w/ Inserts
2	Load Break Switch	125 kV	25 kV	200A	2-Pos. LBOR
3	Double Parking Stand				
4	LV Bushings	125 kV	1.2 kV		5/8-11 x 1.25" Copper Stud
5	X2 Ground Boss				1/2"-13 UNC x 7/16" Deep
6	X2 Ground Strap Copper				Copper, X0 to Tank

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

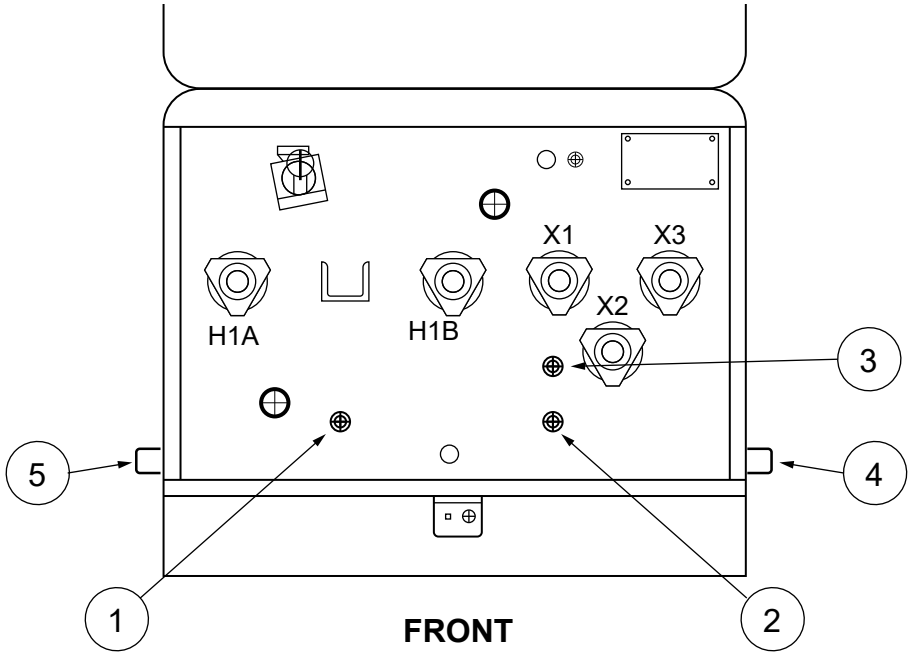
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

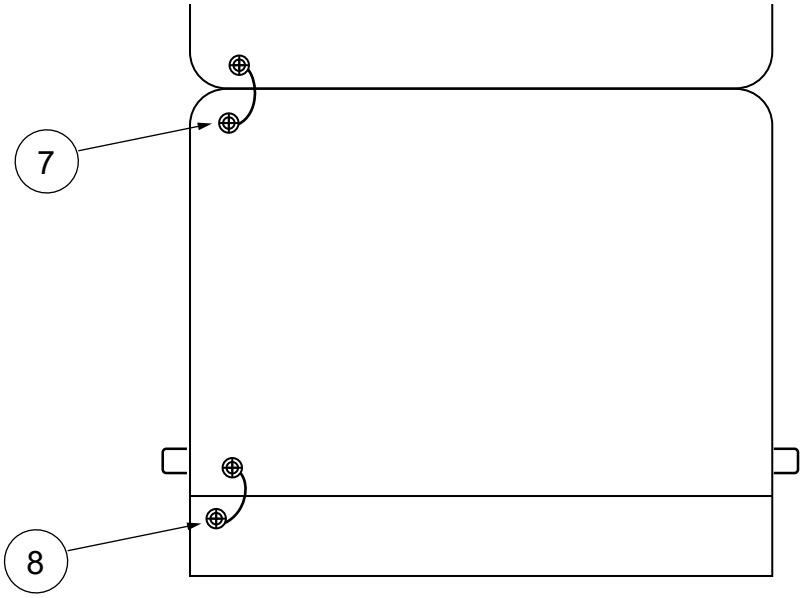
		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1



FRONT



FRONT

NO.	NAME	QTY	REMARK
1	HV Ground Boss	1	1/2”-13 UNC x 7/16” Deep
2	LV Ground Boss	1	1/2”-13 UNC x 7/16” Deep
3	X2 Ground Boss	1	1/2”-13 UNC x 7/16” Deep
4	External Ground Boss, Right	1	1/2”-13 UNC x 7/16” Deep
5	External Ground Boss, Left	1	1/2”-13 UNC x 7/16” Deep
6	External Ground Boss, Rear	1	1/2”-13 UNC x 7/16” Deep
7	Tank to Lid Ground	1	4 AWG Flexible Copper Braid Ground Strap
8	Tank to Sill Ground	1	4 AWG Flexible Copper Braid Ground Strap

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

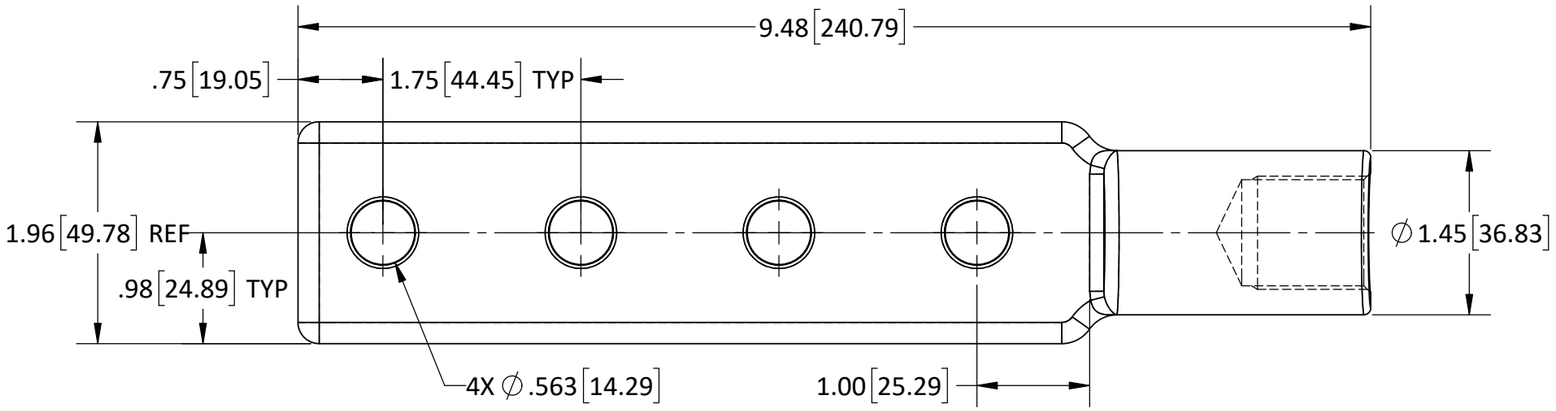
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

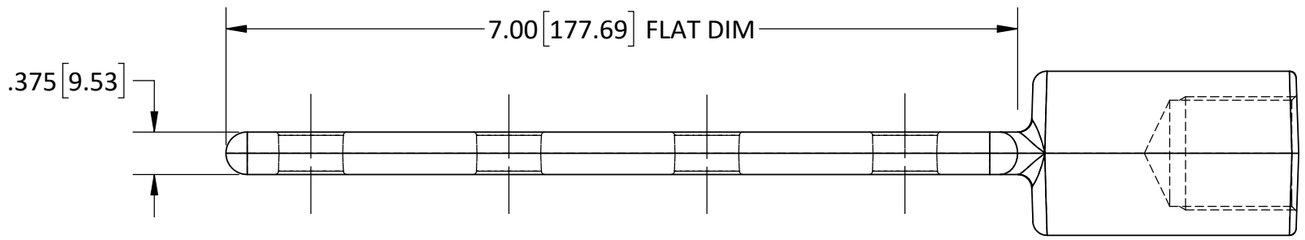
LARSON MAGNETICS

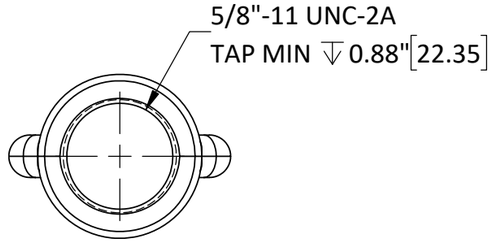
		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1







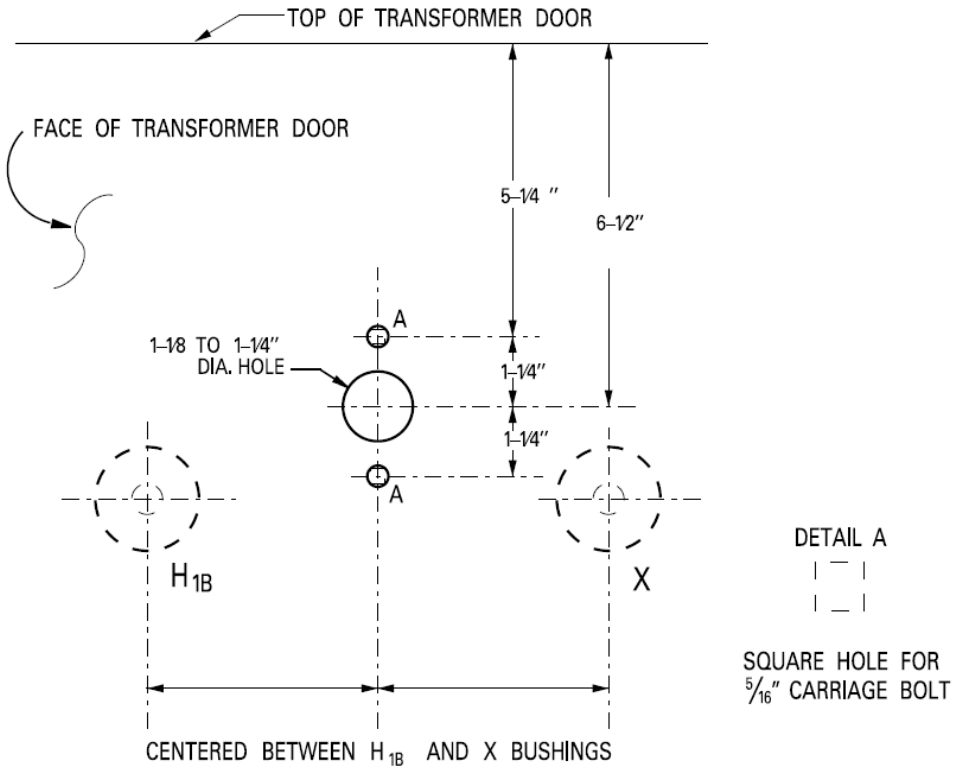
For approval / preliminary design only. Not for order build specific

Designed by:	Checked by:	Approved by:	k.V.A:	Votage:	Date:	Scale:	Note! Do not scale copies

LARSON ELECTRONICS

SKU:
MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

Drg. No. :	Code:	Paper:	Rev.	Sheet:



Mounting provisions for customer provided fault indicator on the front face of the transformer hinged door. This mounting provision includes (3) punched holes in the door as per the above diagram. A 12ga steel cover plate finished in same finish as the transformer to be attached to the inside of the door using (2) 5/16" x 1" stainless steel carriage bolts through holes "A." This internal cover plate will be punched with round holes. The cover plate will extend a minimum of 1" beyond the punched holes to provide a sealing lip when attached. The holes in the plate and the holes in the lid cover door are to be punched prior to coating to ensure the holes are coated properly for corrosion resistance.

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

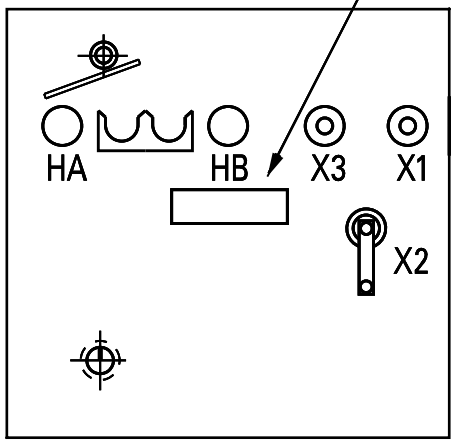
LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

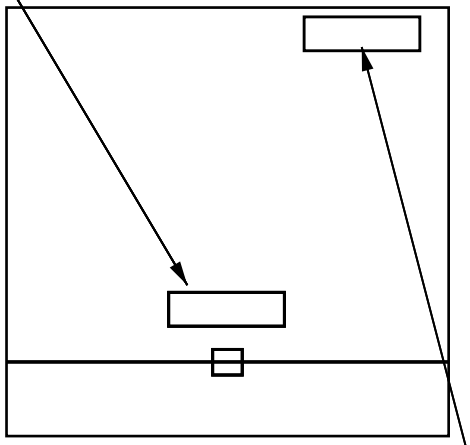
SIZE	DWG. NO.	REV
A		

5 4 3 2 1

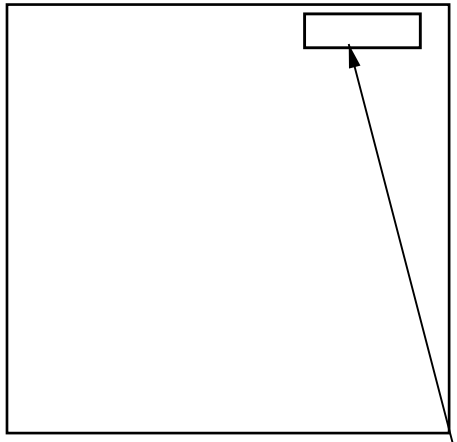
LOCATION OF DANGER LABEL (INSIDE THE TERMINATING COMPARTMENT OF THE PADMOUNT TRANS.)



LOCATION OF WARNING LABEL (FRONT OF PADMOUNT TRANS. JUST ABOVE LOCKING LATCH)



LOCATION OF SECONDARY NAMEPLATE



LOCATION OF TEMPORARY BARCODE LABEL (BACK OF PADMOUNT TRANS.)

For approval / preliminary design only. Not for order build specific

TITLE:

MT-PML-R20-1P-GMA-50KVA-SZ-LT-DF-Z6-BB-CZ-1B2-M1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

LARSON MAGNETICS

		NAME
	DRAWN	
	CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING		

SIZE	DWG. NO.	REV
A		

5 4 3 2 1