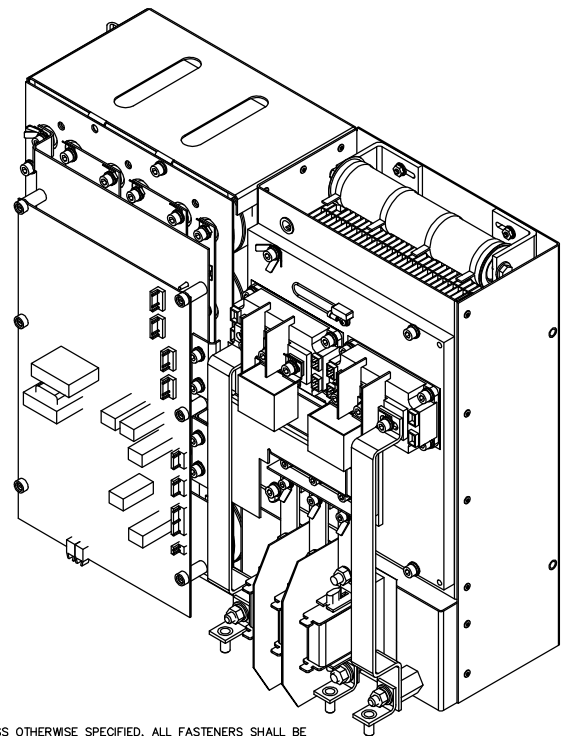
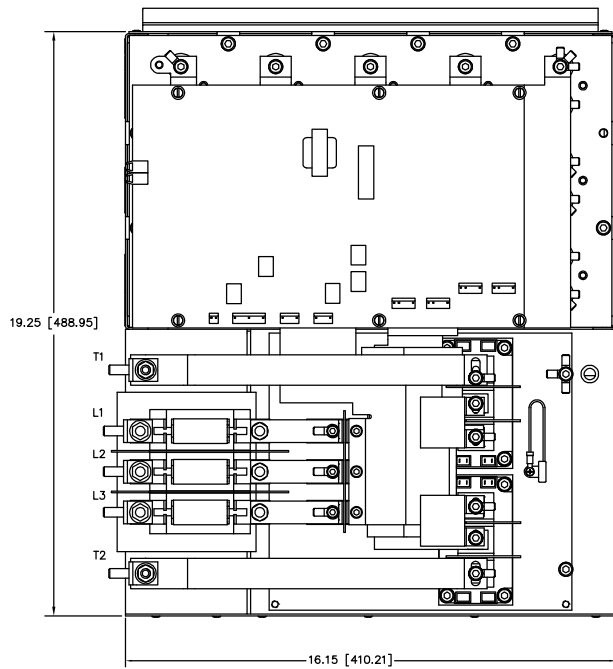
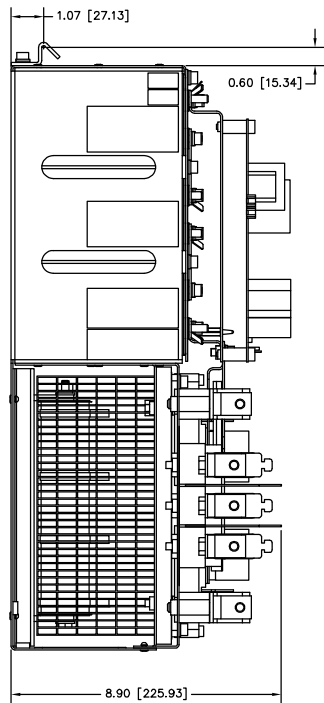


A B C D E F H J K L M N P R S T



NOTES:

- UNLESS OTHERWISE SPECIFIED, ALL FASTENERS SHALL BE TORQUED PER SIEMENS PROCEDURE MFI003.
- UNIT TO BE BUILT IN ACCORDANCE WITH SIEMENS WORKMANSHIP STANDARD MFI PROCEDURES.
- THE ELECTROLYTIC CAPACITORS HAVE MULTIPLE MANUFACTURERS. DO NOT MIX MANUFACTURERS WITHIN THE SAME CELL.
- APPLY BURNDY PENETROX ITEM 75 TO ALL BUS TO BUS, IGBT TO BUS, AND DIODE TO BUS CONNECTIONS. APPLY IT CAREFULLY BECAUSE PENETROX IS CONDUCTIVE.
- CLEAN HEAT SINK SURFACE PER MFI-017.
- FOLLOW SCREEN PROCESS TO APPLY THE THERMAL COMPOUND TO THE IGBT AND DIODE BASEPLATES BEFORE BEING MOUNTED TO THE HEAT SINK, OR USE 1&J FISNAR MODEL 7300 PASTE APPLICATION MACHINE TO APPLY THE COMPOUND TO THE IGBT AND DIODE BASEPLATES. THEN FOLLOW THE IGBT AND DIODE MOUNTING INSTRUCTIONS FOR PROPER TIGHTENING PROCEDURES.
- ANY CELL ASSEMBLY P/N THAT END IN .ANZD, MUST BE ASSEMBLED WITH STAINLESS STEEL HARDWARE.

CELL P/N	ANODIZED CELL (Y/N)	IGBT MANUFACTURE	CELL CURRENT RMS
A1A4608C0.140	NO	POWEREX	140 AMP
A1A4608C0.140ANZD	YES	POWEREX	140 AMP
A5E0275629B	NO	INFINEON	140 AMP
A5E02756301	YES	INFINEON	140 AMP

- 0 - HAND TIGHTEN ONLY
- 18 - TORQUE TO 18 IN/LB
- 40 - TORQUE TO 40 IN/LB



REV NO.	05769	06124	06448	06590	06681	07298	08124	08596	09564	09616	09751	11230	79C14621	79C29321	79C46771	<small>THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SIEMENS LARGE DRIVES - A AND MAY NOT BE COPIED, REPRODUCED, OR DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF SIEMENS LARGE DRIVES - A. IT IS PROVIDED AS IS FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST. © 2009 SIEMENS ALL RIGHTS RESERVED.</small>	<small>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MM. INTERPRET DRAWING PER ISO 1101:2004. DATE 2/3/99. USE TILL-2000. USE TILL-2000. USE TILL-2000. TOLERANCES: DIM ± .0125 ANGLES ± .006. SURF ANGLE PROJECTION.</small>	<small>SCALE 1:2 LAYER DATE 2/3/99 DWGNO DPR E. NOVACK CUSTYR SIEMENS DRA STD</small>	SIEMENS Energy and Automation, Inc. Large Drives - A	TITLE ASSY NBH 140A CELL	DWG NO A1A4608C0	REV 1 BP
REVISIONS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P							