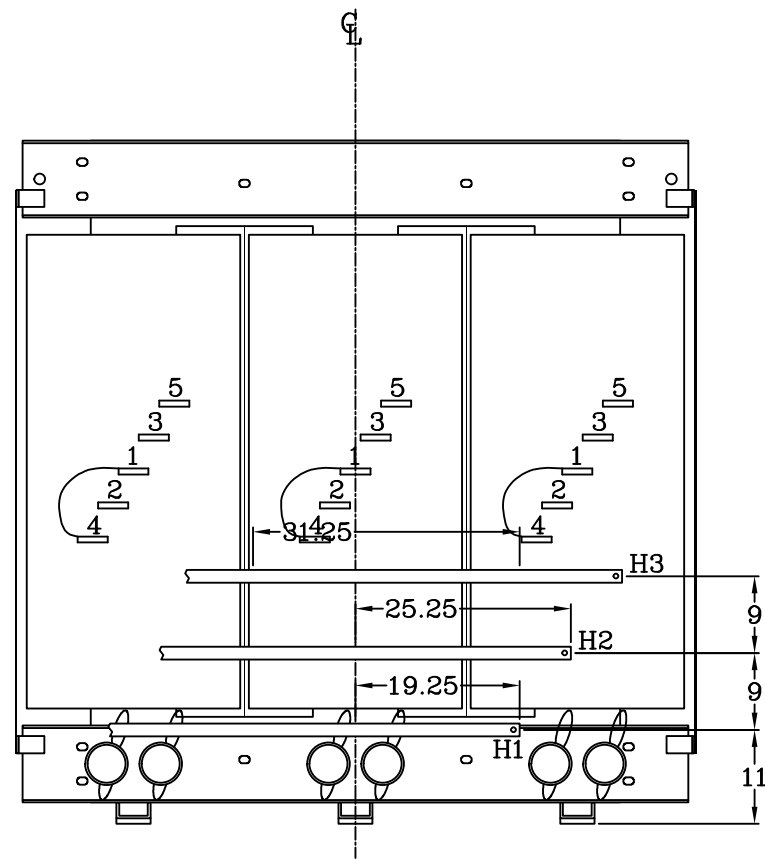
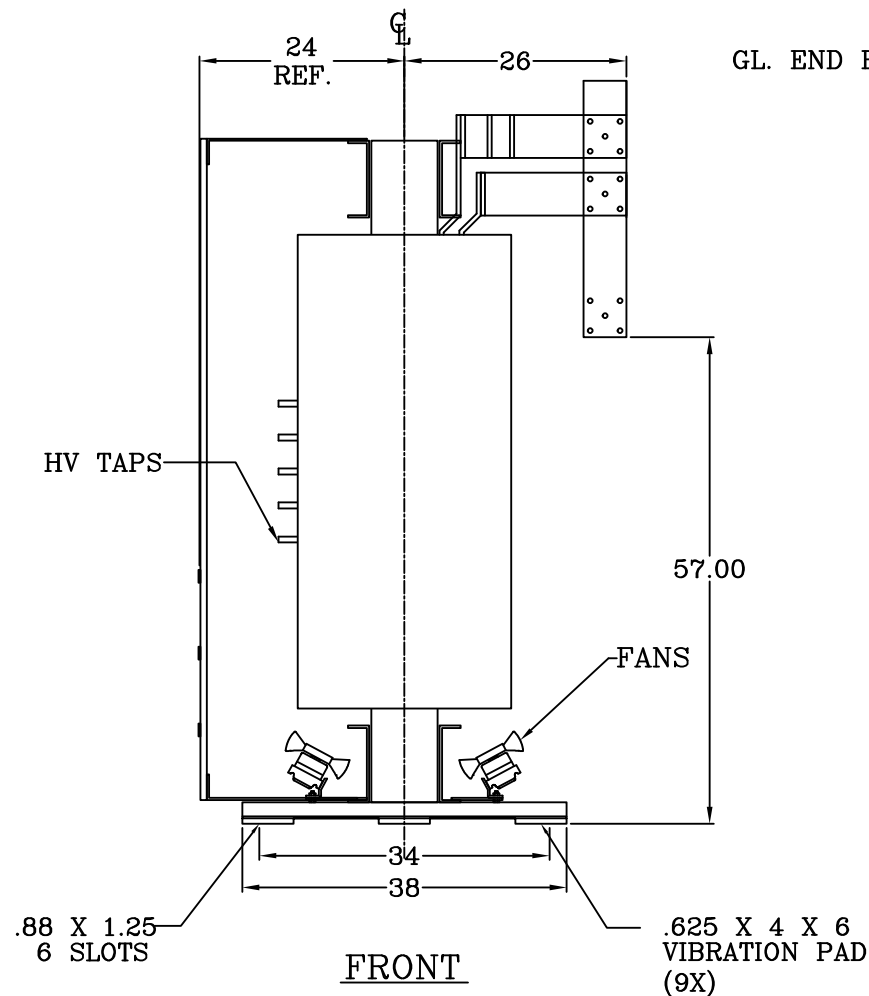
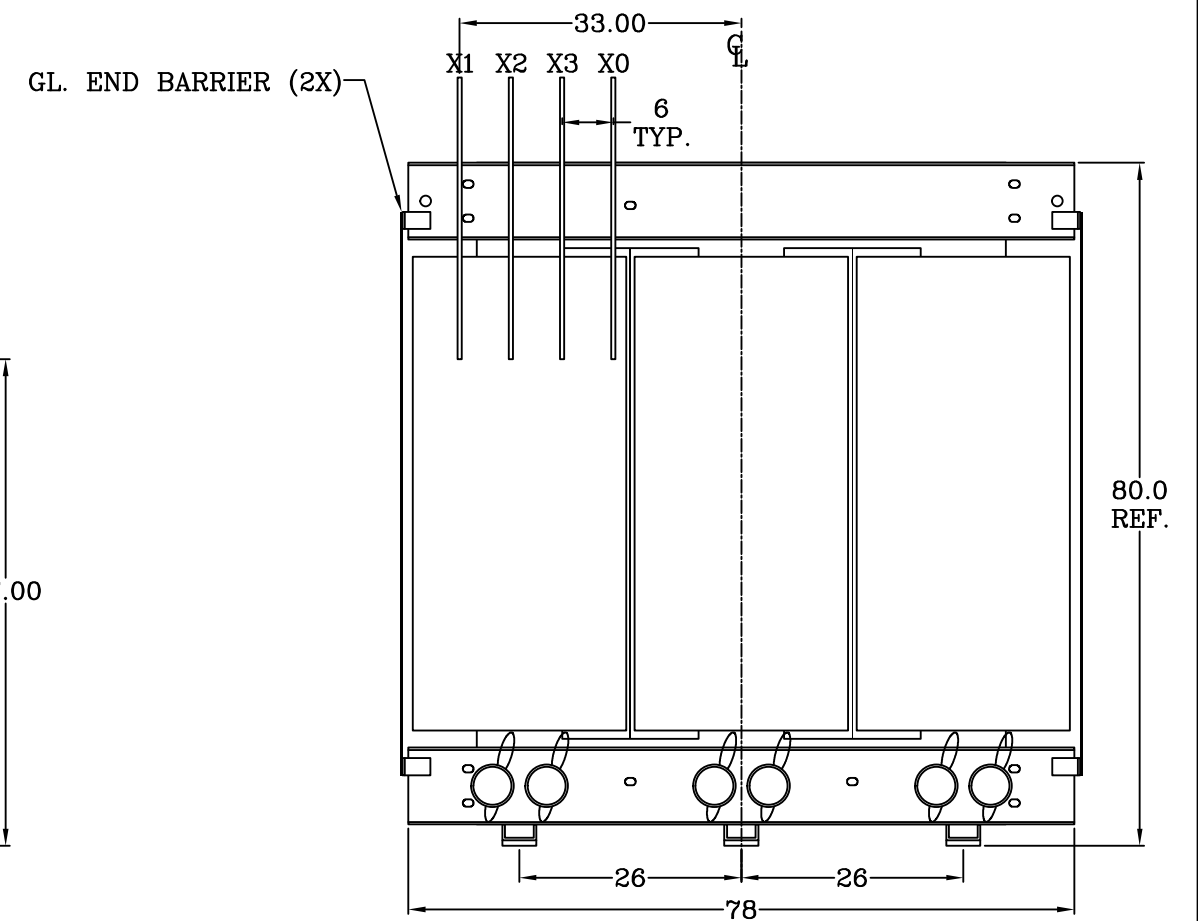




LEFT



FRONT



RIGHT

NOTE

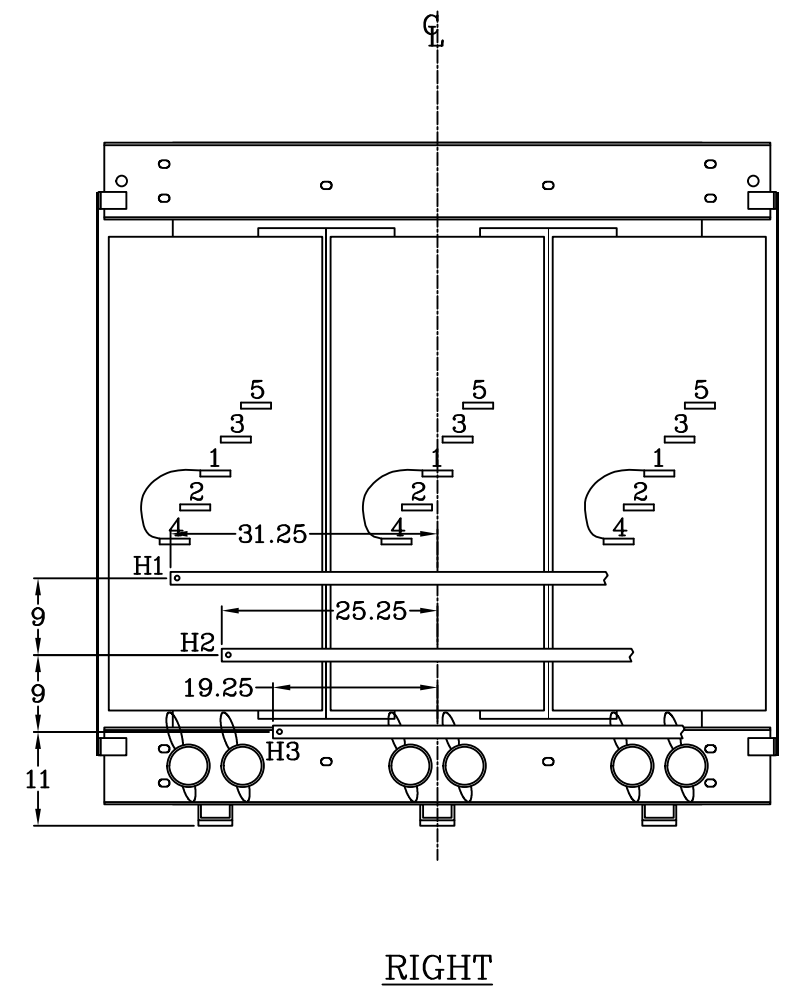
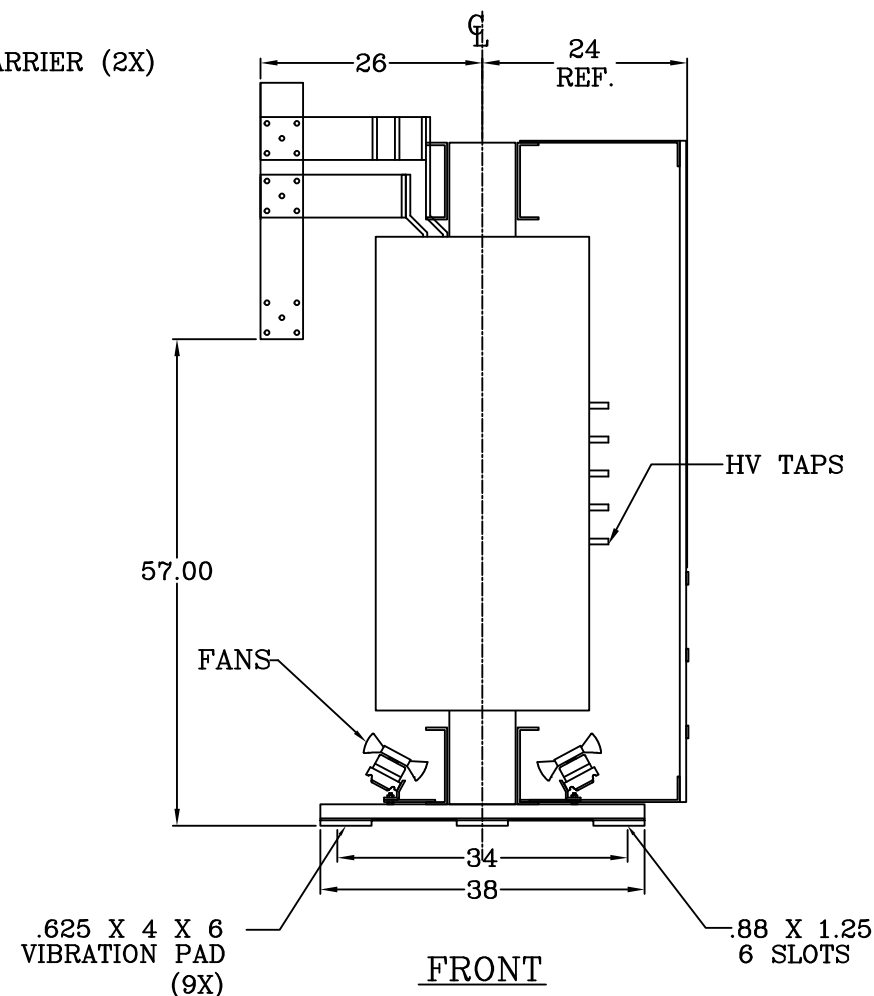
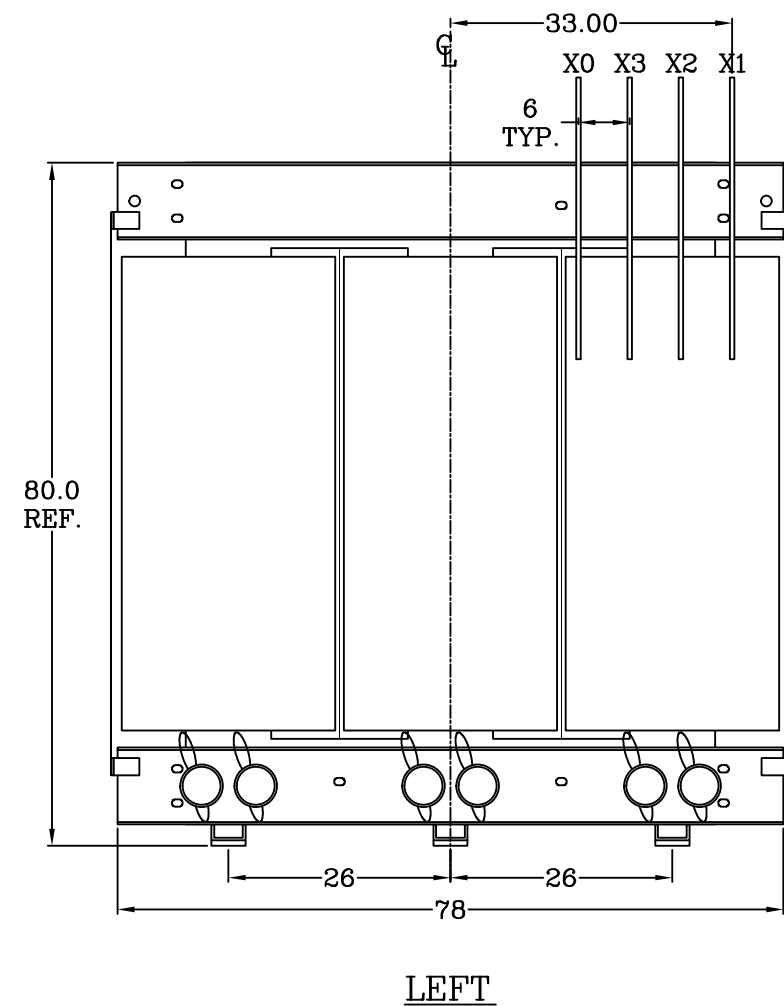
- 1) UNIT WILL BE SHIPPED WITHOUT (1) MIDDLE SIDE PANEL AND WITHOUT LV BUS EXTENSIONS. LV BUS LOCATION WILL BE DETERMINED AT INSTALLATION WHEN EXISTING UNIT IS DE-ENERGIZED. THE LV BUS EXTENSIONS AND REMAINING PANELS WILL BE CREATED AND DELIVERED SEPARATELY.

50320-AE

"X" TERMINAL DETAIL .50" X 5" ALUMINUM	"H" TERMINAL DETAIL .25" X 1.5" ALUMINUM

REV.	02	CHECKED BY	DS	DATE	8/12/16
		OLSUNELECTRICSCORPORATION RICHMOND, ILLINOIS			
REVISIONS: 02		APPROVED BY:			DRAWN BY: DS
DIMENSIONS IN INCHES					DATE: 8/12/16
DRAWING TITLE: DRY TYPE TRANSFORMER SPECIFICATIONS AND DIMENSIONAL DATA					DRAWING NUMBER: A72409-2

REV 2) CORRECTED HV AND LV TERMINAL LOCATIONS. DS 9/14/16
 REV 1) UPDATED LV AND HV TERMINAL LOCATIONS BASED ON NEW MEASUREMENTS. DS 8/25/16



NOTE

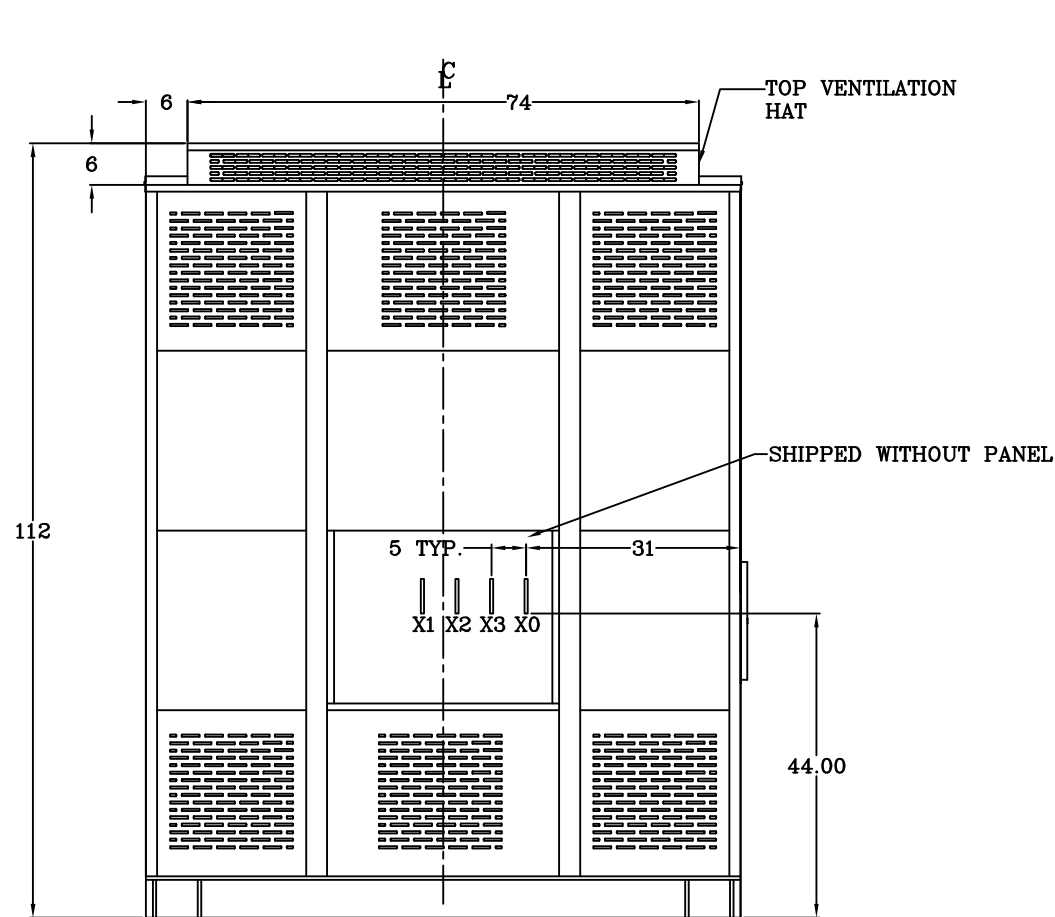
- 1) UNIT WILL BE SHIPPED WITHOUT (1) MIDDLE SIDE PANEL AND WITHOUT LV BUS EXTENSIONS. LV BUS LOCATION WILL BE DETERMINED AT INSTALLATION WHEN EXISTING UNIT IS DE-ENERGIZED. THE LV BUS EXTENSIONS AND REMAINING PANELS WILL BE CREATED AND DELIVERED SEPARATELY.

50320-AE

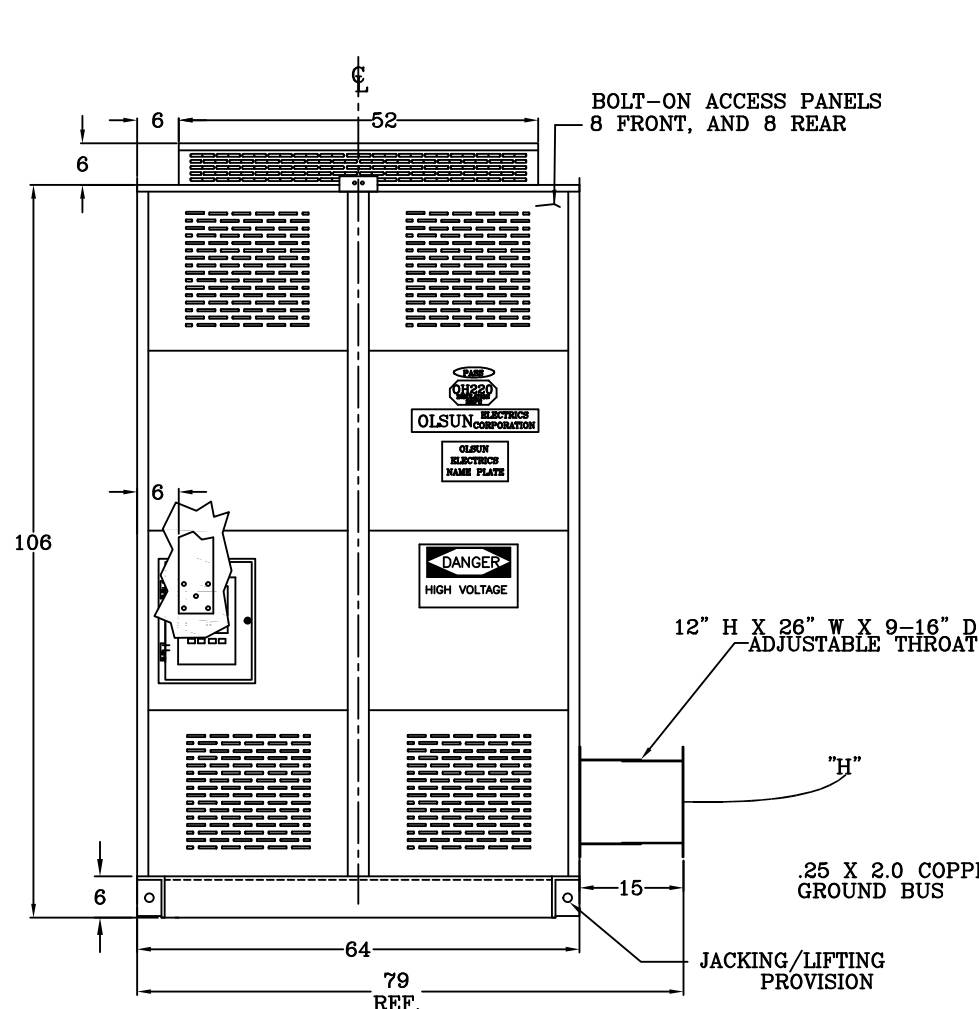
"X" TERMINAL DETAIL .50" X 5" ALUMINUM	"H" TERMINAL DETAIL .25" X 1.5" ALUMINUM

REV.	03	CHECKED BY	DS	DATE	7/20/16
		OLSUNELECTRICSCORPORATION RICHMOND, ILLINOIS			
REVISIONS: 03		APPROVED BY:			DRAWN BY: DS
DIMENSIONS IN INCHES					DATE: 7/20/16
DRAWING TITLE: DRY TYPE TRANSFORMER SPECIFICATIONS AND DIMENSIONAL DATA					DRAWING NUMBER: A72387-2

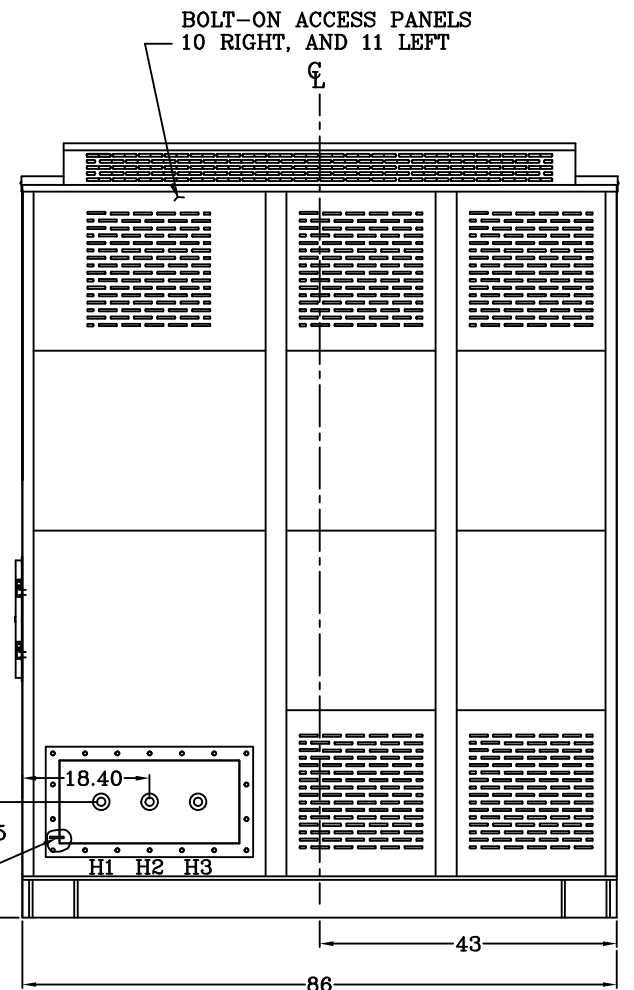
REV 3) CORRECTED HV AND LV TERMINAL LOCATIONS. DS 9/14/16
 REV 2) UPDATED LV AND HV TERMINAL LOCATIONS BASED ON NEW MEASUREMENTS. DS 8/25/16
 REV 1) REDUCED WIDTH OF C&C FROM 79.5" TO 78". REDUCED MOUNTING FOOT SPACING FROM 26.5" TO 26". INCREASED HEIGHT OF C&C FROM 78.5" TO 80". DS 8/12/16



LEFT



FRONT



RIGHT

SPECIFICATIONS

- 1) ALUMINUM WOUND
- 2) 220°C INSULATION
- 3) NEMA 1 INDOOR ENCLOSURE WITH ANSI 61 GRAY POWDER COAT FINISH
- 4) COMPLETE FAN COOLING WITH TECSYSTEMS T2612B TEMPERATURE CONTROLLER
- 5) COMPLIANT TO EFFICIENCY REQUIREMENTS OF DOE 10 CFR PART 431
- 6) UL/cUL LISTED, UL FILE E143467
- 7) (3) 15kV DISTRIBUTION CLASS LIGHTNING ARRESTERS
- 8) MARK UNIT: 1R

NOTE

- 1) LV CONNECTIONS TO BE FIELD TESTED BY OLSUN AND MORSE
- 2) HV THROAT WILL BE SUPPLIED IF REQUIRED
- 3) UNIT WILL BE SHIPPED WITHOUT (1) MIDDLE SIDE PANEL AND WITHOUT LV BUS EXTENSIONS. LV BUS LOCATION WILL BE DETERMINED AT INSTALLATION WHEN EXISTING UNIT IS DE-ENERGIZED. THE LV BUS EXTENSIONS AND REMAINING PANELS WILL BE CREATED AND DELIVERED SEPARATELY.

* DESIGN IMPEDANCE= 5.75%

	OLSUN ELECTRICS CORPORATION RICHMOND, ILLINOIS	DRY TYPE TRANSFORMER CLASS AA/FA						
KVA	2000/2666	3 PHASE	HERTZ	60	%IZ	*	°C RISE	80
H.V.	13200 Δ	95 KV BIL	AMPS	87.5/116.6	WGT.	12000	LBS.	
L.V.	480Y/277	10 KV BIL	AMPS	2406/3207	NO.	A72363		

H.V. TAP	VOLTS
1-2	13860
2-3	13530
1-4	13200
3-4	12870
4-5	12540

POLARITY

HIGH VOLTAGE

LOW VOLTAGE

COMPLIANT TO DOE 10 CFR PART 431
DE-ENERGIZE TRANSFORMER BEFORE CHANGING TAPS

50320-AE

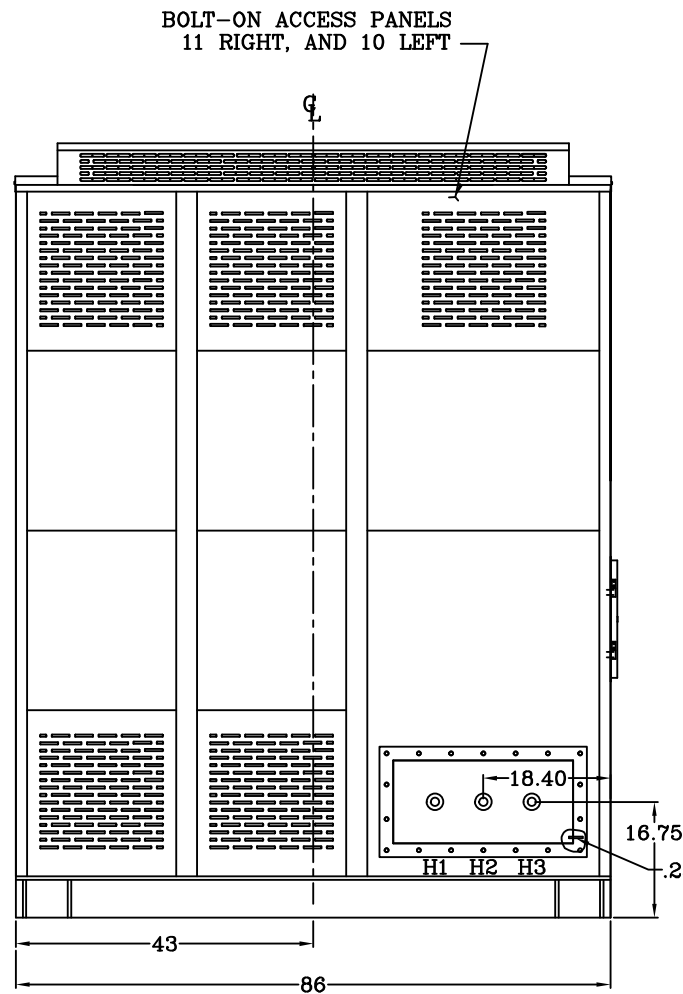
"X" TERMINAL DETAIL
.50" X 5" ALUMINUM

REV.2 - LOWERED HV THROAT BY 9.25". THROAT NOW ADJUSTABLE FROM 9" TO 16". ADJUSTED LV BUS DIMENSIONS.
- 09/14/16 DS

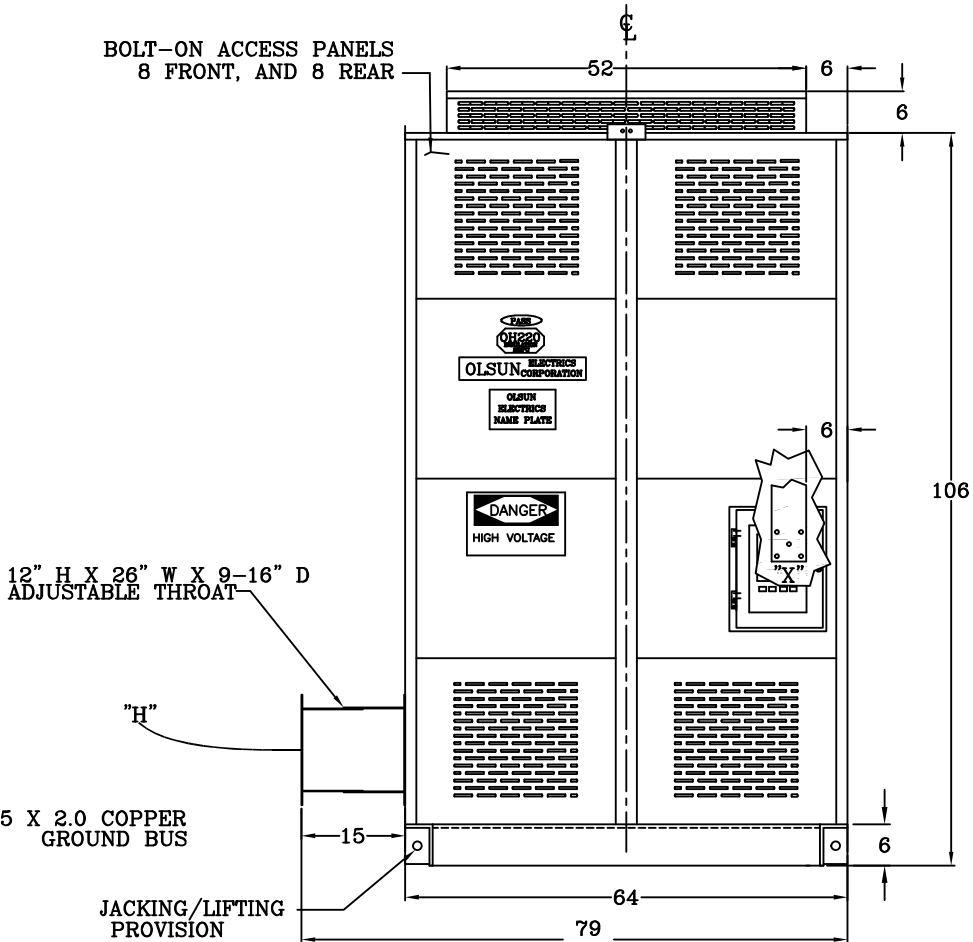
REV.1 - REVISED BUS AND CUSTOMER TERMINATIONS - 08/29/16 DS

REV.	02	CHECKED BY	TLP	DATE	7/15/16
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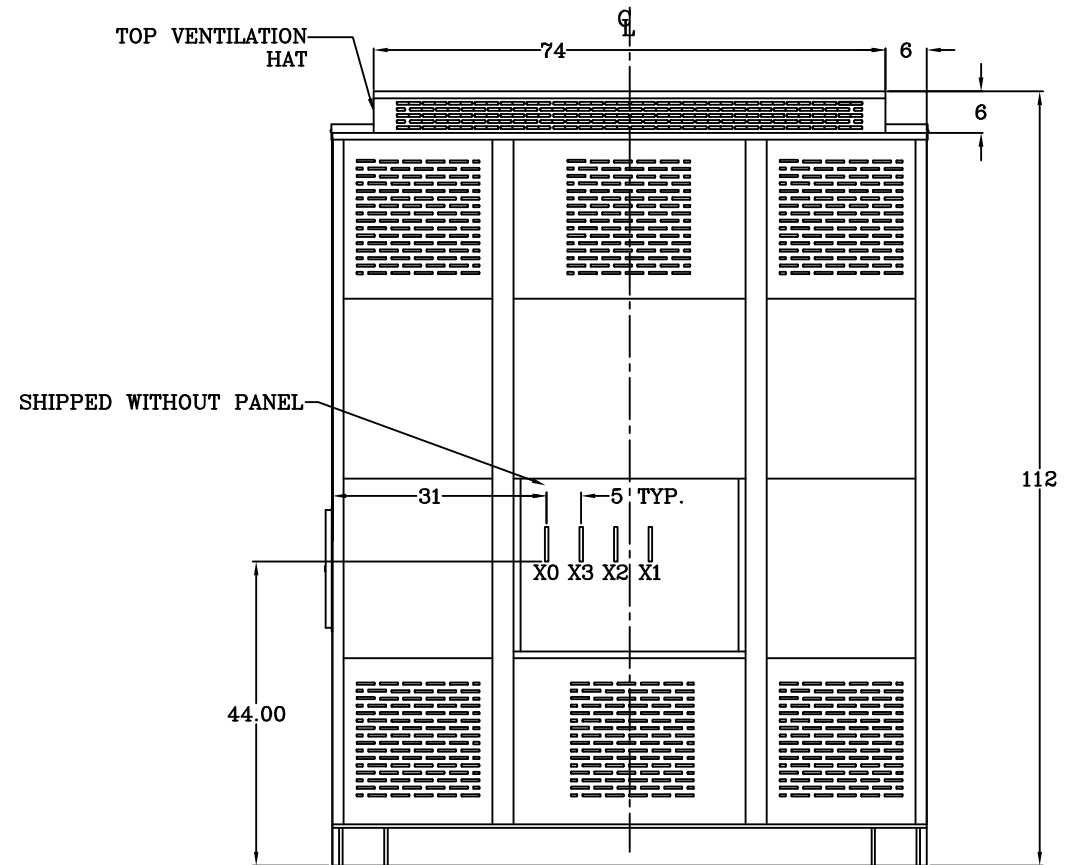
	OLSUN ELECTRICS CORPORATION RICHMOND, ILLINOIS	
REVISIONS: 02	APPROVED BY:	DRAWN BY: DS
DIMENSIONS IN INCHES		DATE: 7/15/16
DRAWING TITLE: DRY TYPE TRANSFORMER SPECIFICATIONS AND DIMENSIONAL DATA		DRAWING NUMBER: A72363



LEFT



FRONT



RIGHT

SPECIFICATIONS

- 1) ALUMINUM WOUND
- 2) 220°C INSULATION
- 3) NEMA 1 INDOOR ENCLOSURE WITH ANSI 61 GRAY POWDER COAT FINISH
- 4) COMPLETE FAN COOLING WITH TECSYSTEMS T2612B TEMPERATURE CONTROLLER
- 5) COMPLIANT TO EFFICIENCY REQUIREMENTS OF DOE 10 CFR PART 431
- 6) UL/cUL LISTED, UL FILE E143467
- 7) (3) 15kV DISTRIBUTION CLASS LIGHTNING ARRESTERS
- 8) MARK UNIT: 8A-L

NOTE

- 1) LV CONNECTIONS TO BE FIELD TESTED BY OLSUN AND MORSE
- 2) HV THROAT WILL BE SUPPLIED IF REQUIRED
- 3) UNIT WILL BE SHIPPED WITHOUT (1) MIDDLE SIDE PANEL AND WITHOUT LV BUS EXTENSIONS. LV BUS LOCATION WILL BE DETERMINED AT INSTALLATION WHEN EXISTING UNIT IS DE-ENERGIZED. THE LV BUS EXTENSIONS AND REMAINING PANELS WILL BE CREATED AND DELIVERED SEPARATELY.

* DESIGN IMPEDANCE= 5.75%

		ELECTRICS CORPORATION		DRY TYPE TRANSFORMER CLASS AA/FA				
RICHMOND, ILLINOIS								
KVA	2000/2666	3 PHASE	HERTZ	60	%IZ	*	°C RISE	80
H.V.	13200 Δ	95 KV BIL	AMPS	87.5/116.6	WGT.	12000	LBS.	
L.V.	480Y/277	10 KV BIL	AMPS	2406/3207	NO.	A72543		

H.V. TAP	VOLTS
1-2	13860
2-3	13530
1-4	13200
3-4	12870
4-5	12540

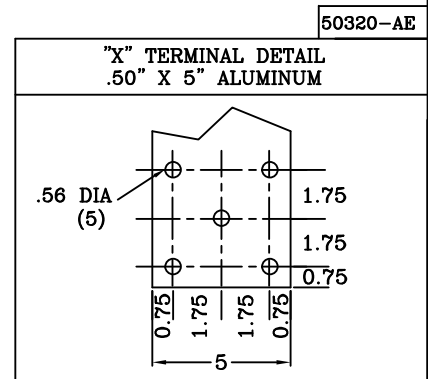
POLARITY

HIGH VOLTAGE

LOW VOLTAGE

COMPLIANT TO DOE 10 CFR PART 431

DE-ENERGIZE TRANSFORMER BEFORE CHANGING TAPS



REV.	00	CHECKED BY	TLP	DATE	10/19/16
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		ELECTRICS CORPORATION	
RICHMOND, ILLINOIS			
REVISIONS: 00	APPROVED BY:	DRAWN BY: DS	
DIMENSIONS IN INCHES		DATE: 10/19/16	
DRAWING TITLE: DRY TYPE TRANSFORMER SPECIFICATIONS AND DIMENSIONAL DATA		DRAWING NUMBER: A72543	