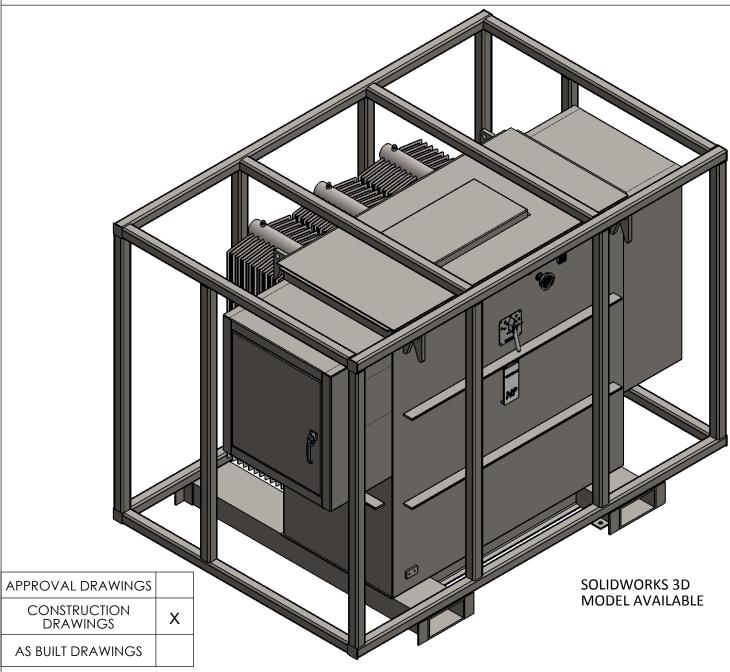


254-772-9740 Fax 254-772-0016 sales@vantran.com www.vantran.com 7711 Imperial Drive P.O.Box 20128 Waco, Texas 76702-0128



SUBSTATION TRANSFORMER 3 PHASE MINERAL OIL FILLED ONAN 65°C RISE 60 HZ

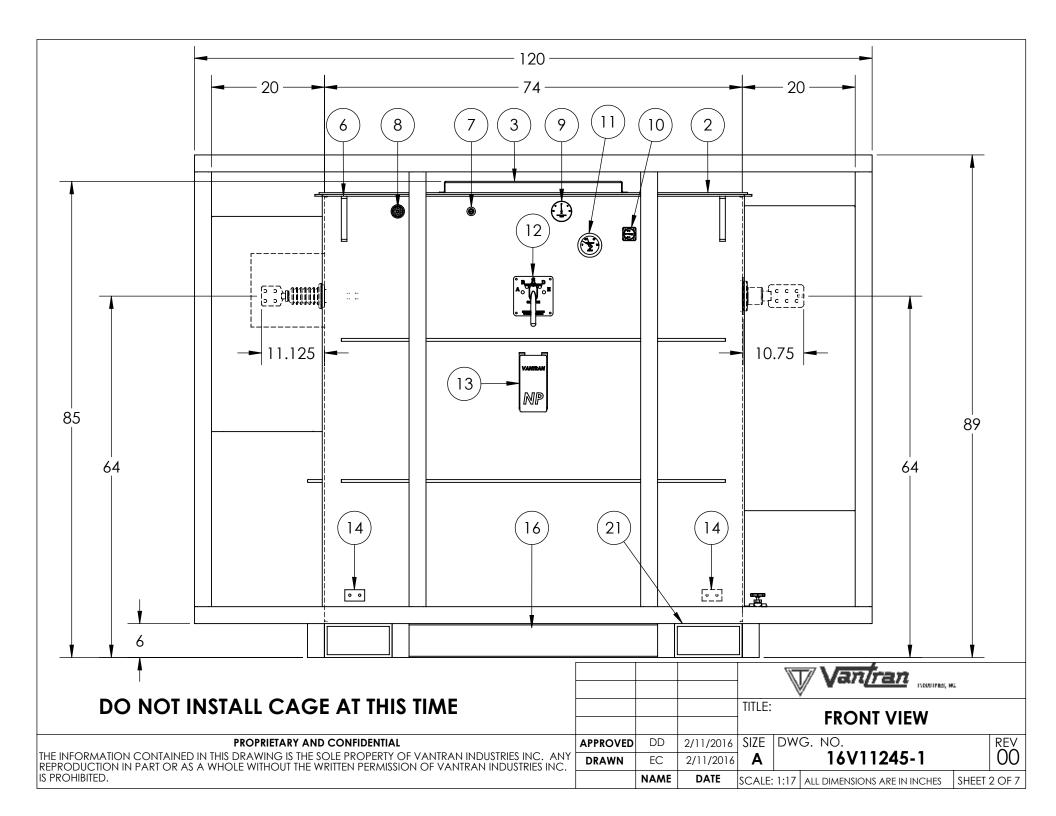
1 EA 2500 kVA - 2400/4160Y/2400 x 7200/12470Y/7200 - 480Y/277 WITH TAPS AT 8320-7970-7620-7200-6928-14400Y-13800Y-13200Y-12470Y-12000Y

PRINTS FOR RECORD

PROPRIETAR
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REPRODUCTIC
PROHIBITED.

<u>P.O #</u> S.O # 16V11245 TRANS.IZ: 5.75% 95 kV-B.I.L. TOTAL WEIGHT 18,000 LBS GAL. OIL 800

TITLE. 3D MODEL
3D MODEL
RY AND CONFIDENTIAL  APPROVED DD 2/11/2016 SIZE DWG. NO.  TO DRAWN FC 2/11/2016 A DWG. NO.  TO DRAWN FC 2/11/2016 A DWG. NO.
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NAME DATE SCALE: 1:22 ALL DIMENSIONS ARE IN INCHES SHEET 1 OF 7



## **VANTRAN**

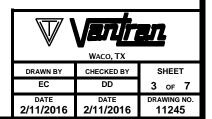
### **WACO, TEXAS**

2500 KVA SUBSTATION TYPE TRANSFORMER MINERAL OIL FILLED THREE-PHASE ONAN 65°C RISE 60-HERTZ

- 1 RADIATORS (FLEXOPLATE) (AS REQUIRED).
- 2 WELDED ON COVER.
- 3 BOLTED ON INSPECTION PLATE.
- TAMPERPROOF REMOVABLE HIGH VOLTAGE TERMINAL CHAMBER CABINET WITH THREE POINT LATCHING LIFT OFF PADLOCKABLE DOOR WITH STAINLESS STEEL HINGES AND OPEN BOTTOM FOR CABLE ENTRANCE. HIGH VOLTAGE TERMINAL CHAMBER SUPPLIED WITH THREE EACH HIGH VOLTAGE BUSHINGS WITH NEMA 4 HOLE SPADE TERMINALS. ONE EACH HIGH VOLTAGE NEUTRAL BUSHING WITH NEMA 4 HOLE SPADE TERMINAL AND REMOVABLE GROUND STRAP.
- TAMPERPROOF REMOVABLE LOW VOLTAGE TERMINAL CHAMBER CABINET WITH THREE POINT LATCHING LIFT OFF PADLOCKABLE DOOR WITH STAINLESS STEEL HINGES AND OPEN BOTTOM FOR CABLE ENTRANCE. LOW VOLTAGE TERMINAL CHAMBER SUPPLIED WITH THREE EACH LOW VOLTAGE BUSHINGS WITH NEMA 6 HOLE SPADE TERMINALS. ONE EACH LOW VOLTAGE NEUTRAL BUSHING WITH NEMA 6 HOLE SPADE TERMINAL AND REMOVABLE GROUND STRAP.
- 6 LIFTING HOOKS (4 EACH REQUIRED).
- 7 AUTOMATIC PRESSURE RELIEF VALVE.
- 8 ONE INCH FILLING PLUG.
- 9 PRESSURE VACUUM GAUGE.
- 10 LIQUID LEVEL GAUGE.
- 11 DIAL TYPE THERMOMETER.
- 12 EXTERNALLY OPERATED NO-LOAD TAPCHANGER PADLOCKABLE IN ANY POSITION.
- 13 DIAGRAMMATIC CORROSION RESISTANT NAMEPLATE.
- 14 TWO EACH STAINLESS STEEL GROUND PADS, ONE ON BACK SIDE OF TANK.
- 15 ONE INCH DRAIN VALVE WITH OIL SAMPLING DEVICE AND FILTER PRESS CONNECTION.
- 16 TRANSFORMER BASE WITH PROVISIONS FOR ROLLING.
- 17 TRANSFORMER FILLED WITH NON-P.C.B. MINERAL OIL AT TIME OF MANUFACTURE.
- 18 EXTERNALLY OPERATED NO-LOAD DELTA-WYE SWITCH.

#### **PROPRIETARY STATEMENT**

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# **VANTRAN**

# **WACO, TEXAS**

2500 KVA SUBSTATION TYPE TRANSFORMER MINERAL OIL FILLED THREE-PHASE ONAN 65°C RISE 60-HERTZ

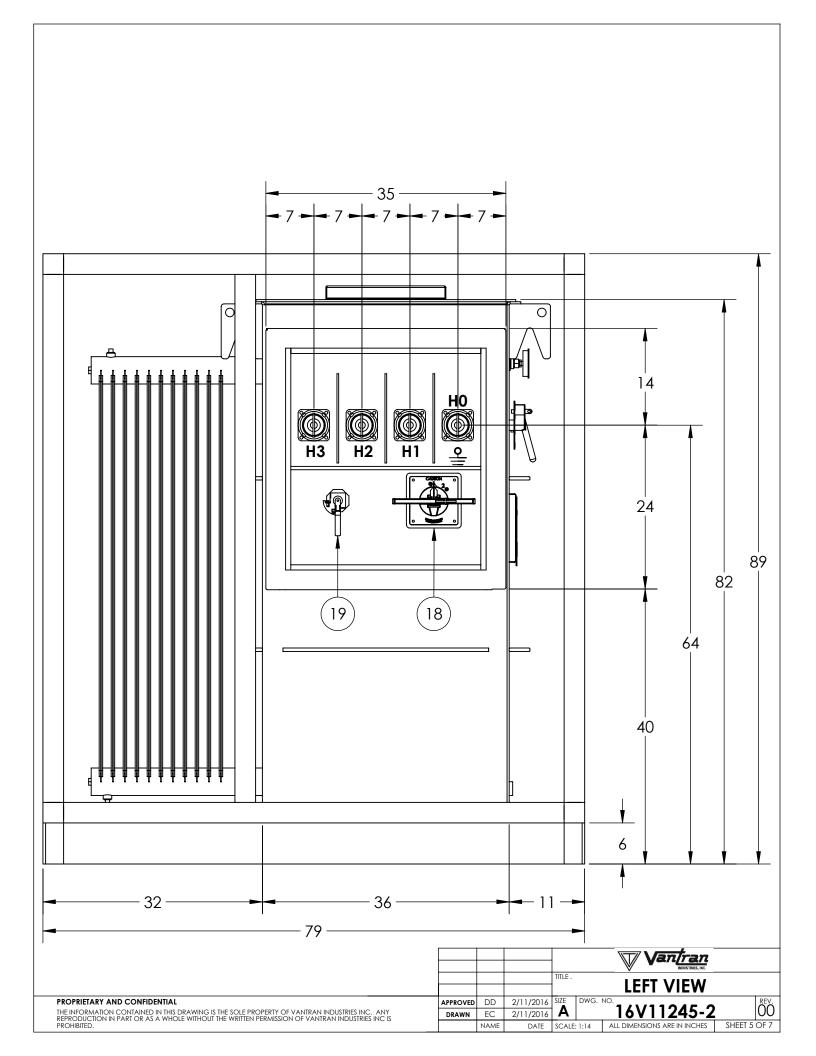
- 19 EXTERNALLY OPERATED NO-LOAD DUAL VOLTAGE SELECTOR SWITCH.
- 20 PROVISIONS FOR JACKING.
- 21 FORK TRUCK LIFTING PROVISIONS.
- 22 BOTTOM OF TRANSFORMER UNDERCOATED TO PREVENT CORROSION.
- 23 SPECIAL 3" FRAME WORK PER DRAWING.
- 24 PAINT COLOR RENTAL WHITE.

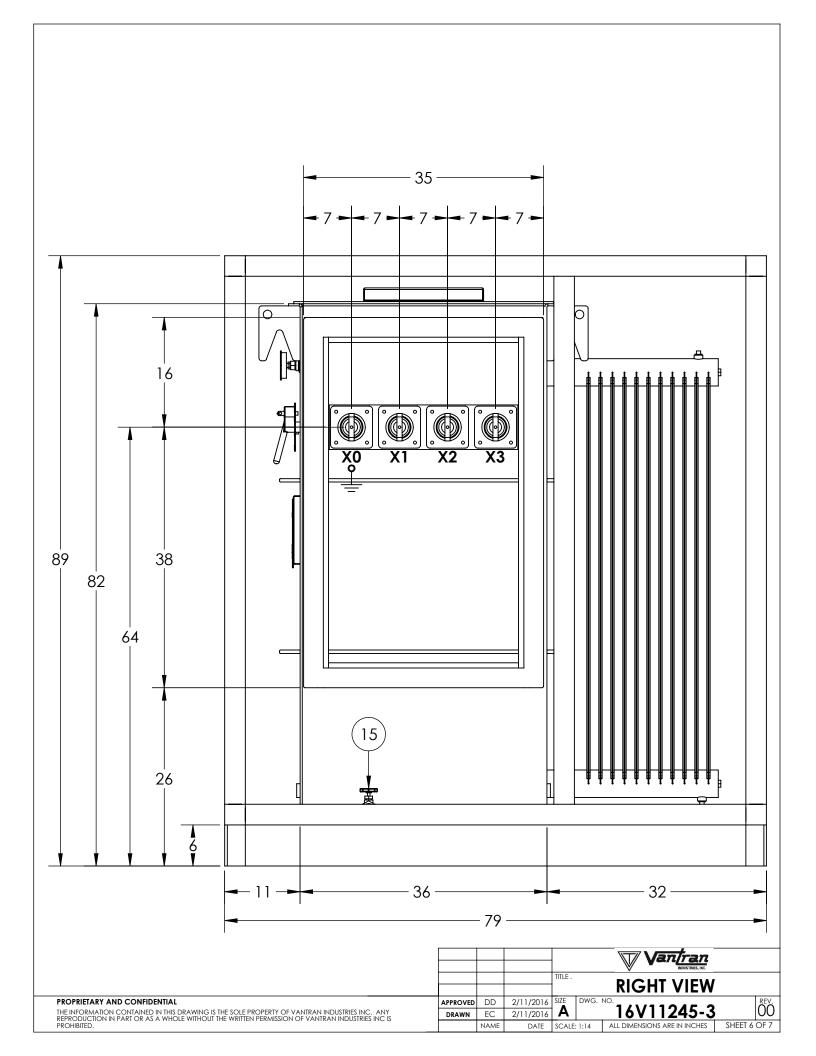
## PROPRIETARY STATEMENT

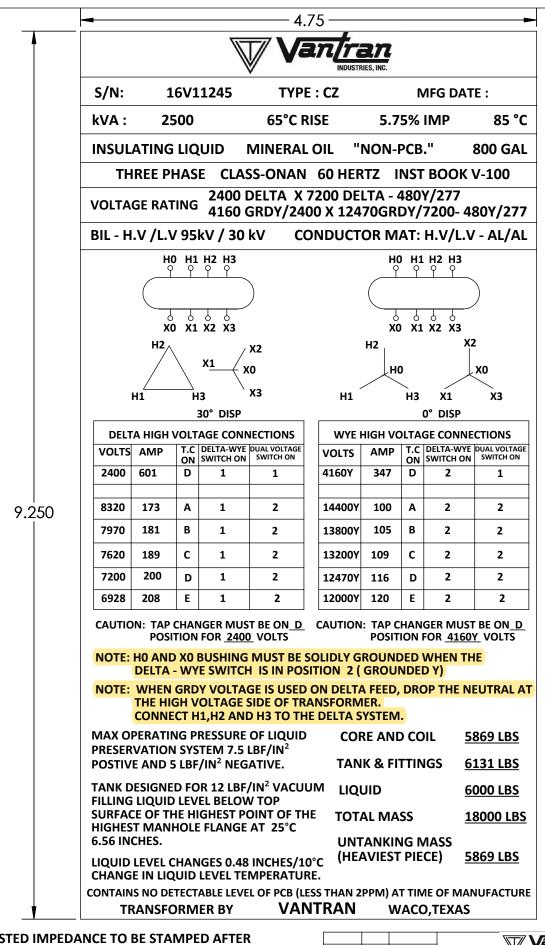
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EC	EC	4 of 7							
DATE 2/11/2016	DATE 2/11/2016	DRAWING NO. 11245							







NOTE: TESTED IMPEDANCE TO BE STAMPED AFTER TRANSFORMER TESTING

**TARGETED IMPEDANCE: 5.75% ± 7.5%** 

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			Vaniran				
			TITLE .		NAMEPLATE		
APPROVED	DD	2/11/2016	SIZE	DWG.			REV.
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