

- 1 HV BUSHING 44 KV 400 A.
- N.T. #11220 C/W 1 1/2-12 THRD STUD 2 1/2
- 2 LV BUSHING 1.2 KV 4000 A.
- N.T. #1011 SEE DETAIL
- 3 HV BOX C/W OPEN BOTTOM, FRONT ACCESS
HINGED DOOR WITH PADLOCKING PROVISION
- 4 LV BOX 37.5 x 27 x 13 DP C/W BOTTOM
ACCESS PLATE SEE TA-6169 FOR DRILLING
- 5 TOP LIQUID THERM. C/W CONTACTS
- QUALITROL #167-233-01
- 6 PRESSURE RELIEF DEVICE
- QUALITROL #208-60U c/w SHROUD
- 7 PRESSURE-VACUUM GAUGE
- QUALITROL #050-35E
- 8 MAGNETIC OIL GAUGE
- QUALITROL #1-30AC
- 9 TERMINAL BOX (10 x 12) SEE DWG TA-5170
- 10 FUTURE FAN LOCATION
- 11 COOLING RADIATORS
- 12 HANDHOLE c/w BOLTED COVER
- 13 TAP CHANGER HANDLE
- 14 RATING PLATE DWG. NO. TB-6168
- 15 2 S.S. GROUND PADS c/w 1/2" UNC
TAPPED HOLES @ 1-3/4" CTRS
- 16 1" TOP FILTER PRESS CONNECTION, CAPPED
- 17 1" DRAIN VALVE C/W 3/8 SAMPLER
- 18 TRANSFORMER LIFTING LUGS
- 19 BUS DUCT CENTER LINE

REMARKS: _____

REV. _____

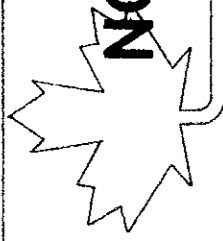
BY: _____

DATE: _____

Northern Transformer
INCORPORATED

PLOT 1=20	DRAWN BY: KW	DATE: 4/11/96	REV. 0
JOB: VERN STEPHENS ELECTRIC	CHECKED BY: <i>WJ</i>	DATE: 04/12/96	S.O. NO. 96-1232
TITLE: 2500 FUT 3333 KVA OIL FILLED TRANSFORMER ONAN FUT ONAF 44000-600Y/347 3 PH 60 HZ 65 °C RISE			
CAMBRIDGE SHOPPING MALL			
DRAWING NO. TB-6167			

TANK SIZE :	32 X 73 X 84	
PAINT :	EQUIPMENT GREEN	
ESTIMATED WTS	lb	kg
CORE & COILS	10977	4979
TANK & FITTINGS	6904	3132
OIL 599 G. 2722 L.	5150	2336
TOTAL	23030	10447



NORTHERN TRANSFORMER

INCORPORATED

ONAN SEALED TRANSFORMER

SERIAL No. DATE OF MFR.

KVA PHASE Hz

IMPEDANCE PERCENT AT ° C

CORE & WINDINGS KGS

TANK & FITTINGS KGS

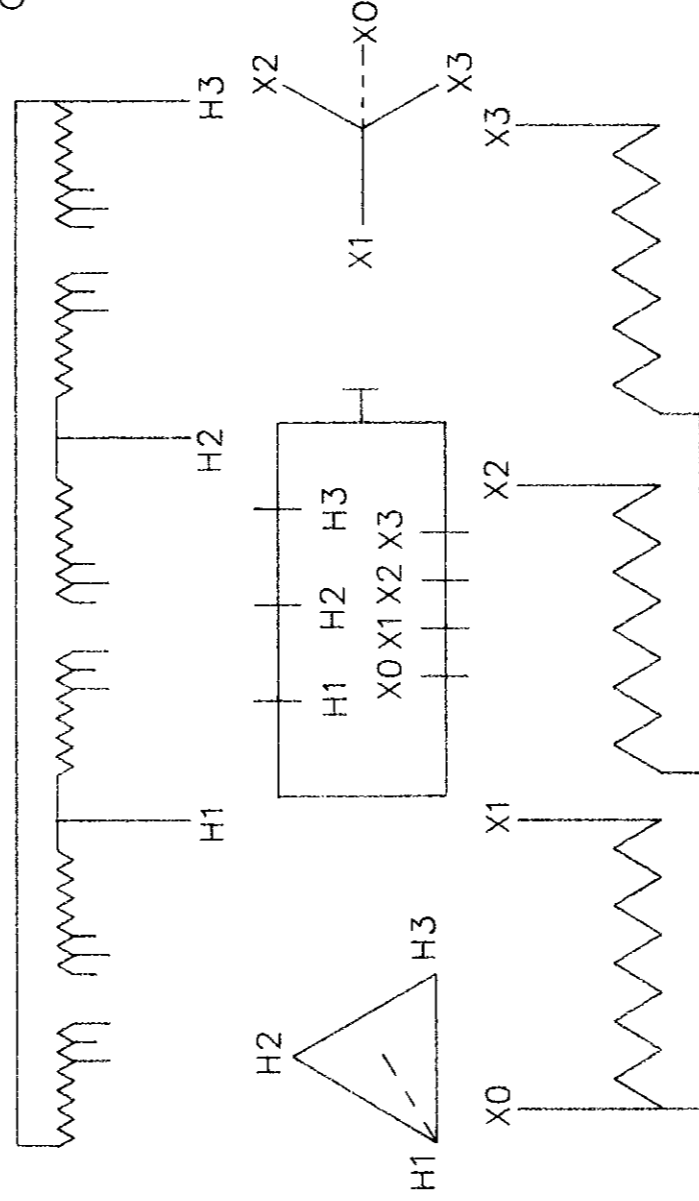
OIL LITRES

TOTAL MASS KGS

SUITABLE FOR ONAF RATING OF KVA

RATING AT AMBIENT OF 0°C KVA

VOLTS	TAP POSN	AMP	BETWEEN	VOLTS	AMP	BETWEEN
46200	1	31.2				
45100	2	32.0				
44000	3	32.8	H1 H2 H3	600	2406	X1 X2 X3
42900	4	33.6				
41800	5	34.5				



CAUTION:

DO NOT OPERATE TAP SWITCH WITH TRANSFORMER ENERGIZED

SPECIFICATION CANADIAN STANDARDS ASSOCIATION C88		
INSULATION LEVEL	HV 250 KV	LV 45 KV
MAXIMUM TEMPERATURE RISE	65°C	
WINDING MATERIAL	LV ALUMINUM	HV COPPER
TANK PRESSURE	+8 PSI / -14.7 PSI / +55 kPa / -101kPa	
PURCHASER'S SERIAL No.		

DESIGN IMPEDANCE: 5.65 %

NOTE: TEST IMPEDANCE WILL

BE ON NAMEPLATE

REV.	REMARKS	BY:	DATE:
Northern Transformer INCORPORATED			
PLOT 1=1	DRAWN BY: KW	DATE: 4/12/96	REV. 0
JOB: VERN STEPHENS		CHECKED BY:	S.O. NO. 96-1232
TITLE: ELECTRIC		DATE: 04/12/96	
NAMEPLATE			

CAMBRIDGE SHOPPING MALL

DRAWING NO. TB-6168