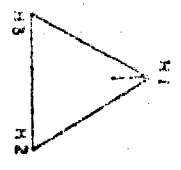


Yorktown 1974 #3206

MOLONEY TRANSFORMER

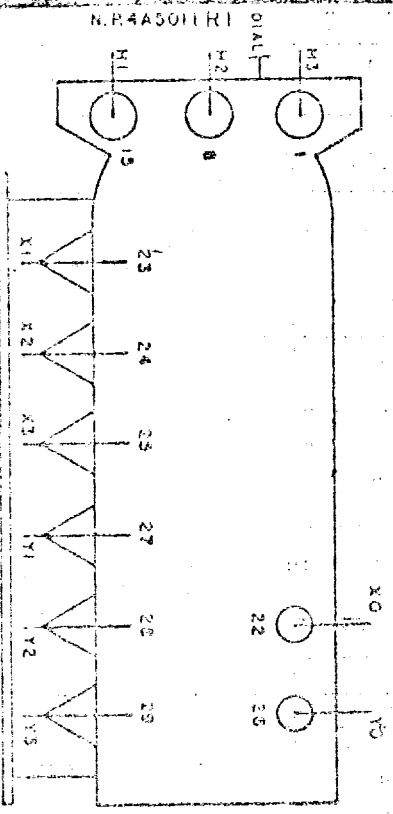


212 K.V. 150 X.V.  
L.V. 95 X.V.  
T.V. 55 X.V.

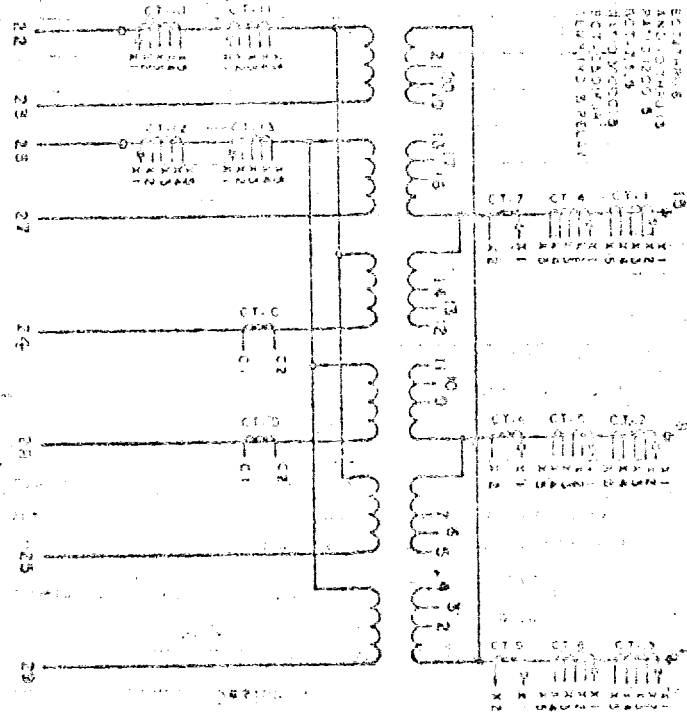
| H.V. AND L.V. CONNECTIONS |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|
| VOLTS                     | AMPS AT 40000 KVA | AMPS AT 25000 KVA | AMPS AT 15000 KVA |
| 25250                     | 930               | 1550              | 2580              |
| 25000                     | 950               | 1580              | 2630              |
| 24375                     | 980               | 1630              | 2720              |
| 23750                     | 1020              | 1680              | 2810              |

| X WINDING CONNECTIONS                 |                   |
|---------------------------------------|-------------------|
| UNITS ON 23, 24, AND 25 NEUTRAL ON 22 |                   |
| VOLTS                                 | AMPS AT 25000 KVA |
| 7200Y                                 | 1603              |

| Y WINDING CONNECTIONS                 |                   |
|---------------------------------------|-------------------|
| UNITS ON 27, 28, AND 29 NEUTRAL ON 26 |                   |
| VOLTS                                 | AMPS AT 20000 KVA |
| 7200Y                                 | 1603              |



LIQUID LEVEL CHANGES .940 INCHES FOR 100 CHANGE IN LIQUID TEMPERATURE.  
OPERATING PRESSURE 75 TO 8 PSI POSITIVE  
TANK IS DESIGNED TO WITHSTAND FULL VACUUM.  
THE 25°C LIQUID LEVEL IS 11.25 INCHES BELOW THE HANGHOLE FLANGE SURFACE.



24000/26980 KVA CONTINUOUS  
32000/35840 KVA CONTINUOUS  
40000/44800 KVA CONTINUOUS  
65/65 C RISE BY RESISTANCE  
HIGH VOLTAGE 25000  
LOW VOLTAGE 7200Y/4160-50% RATED KVA  
TERTIARY VOLTAGE 7200Y/4160-50% RATED KVA  
PERCENT IMPEDANCE AT 24000 KVA  
H TO X H TO Y X TO Y H TO X AND Y  
SERIAL NO. INSTRUCTION BOOK

SELF-COOLED THREE PHASE 60 HERTZ TYPE T  
FORCED-AIR-COOLED  
FORCED-AIR-COOLED  
CLASS OA/FA/FA

UNTANKING 51350 LBS.  
TANK & FITTINGS 30725 LBS.  
GALS. M OIL 24300 LBS.  
TOTAL WEIGHT 106375 LBS.

ST. LOUIS, MO. U.S.A.

DESIGN NO. W0730

DATE

ORDERED BY - VIRGINIA ELECT. POWER  
SHOP ORDER NO 260531

CLIENT ORDER NO 35-103-101

APPROVED BY - J.W.S.  
DRAWING NO. 445011 R1 12X4