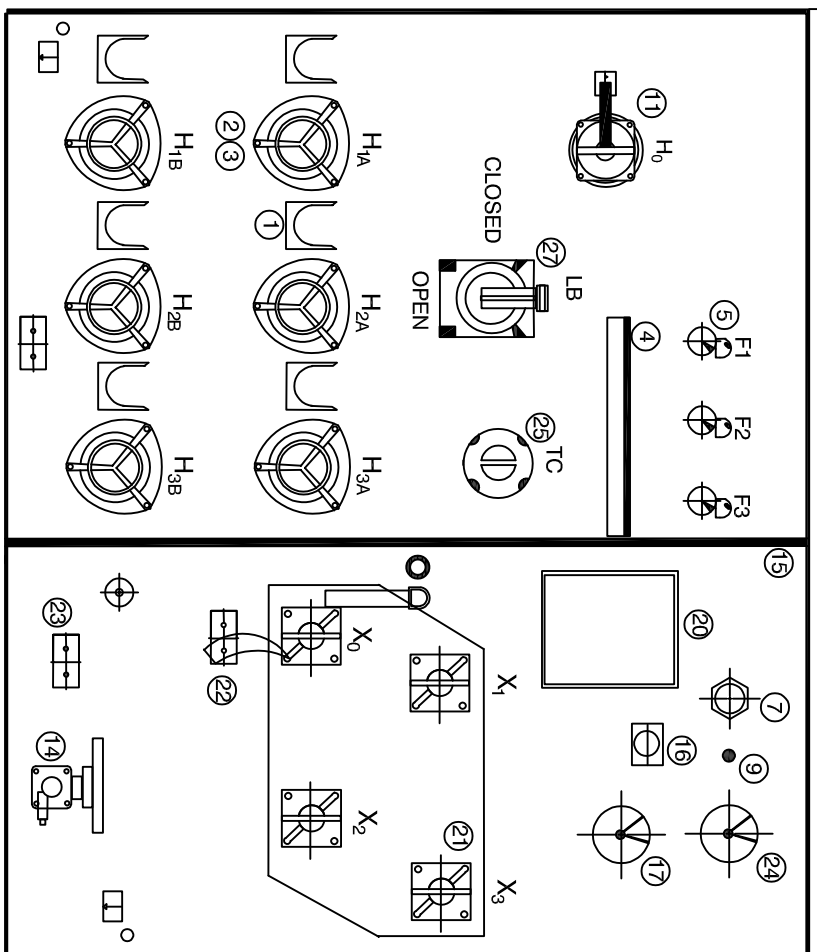
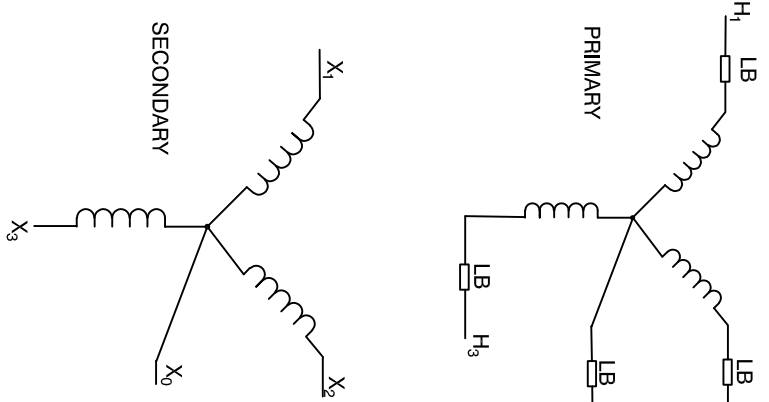


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**SCHEMATIC**



REVISION HISTORY			
REV	ECON	DESCRIPTION	SIGN & DATE
B		REVISED ELEC. AND MECH. SPEC.	TN 09/11/24 JL 09/11/24
C	100824	UPDATED SPEC., REVISED DESCRIPTION & P/N	TN 10/09/24 JL 10/09/24

ITEM	DESCRIPTION	QTY
1	PARKING STAND BRACKET	3
2	H.V BUSHING WELL (35KV, 200A)	3
3	LOADBREAK BUSHING INSERT (35KV, 200A)	3
4	DRIP TRAY	1
5	BAYONET FUSE (PRNT4-23/25)	3
7	1" UPPER FILL VALVE	1
9	PRESSURE RELIEF VALVE	1
11	H0 BUSHING (34KV 125A Spade 2 Hole)	1
14	1" DRAIN VALVE WITH 3/8" SAMPLER	1
15	RIGID BARRIER BETWEEN H.V & LV	1
16	OIL LEVEL INDICATOR (UHZ-01)	1
17	THERMOMETER	1
20	NAMEPLATE (STAINLESS STEEL)	1
21	L.V BUSHING (1250A, 4 HOLE)	4
22	GROUND STRAP COPPER	2
23	GROUND STEEL PADS	4
24	VACUUM PRESSURE GAUGE (YZ-70)	1
25	TAP CHANGER (WSLI13 63 / 35-6x5)	1
27	LOADBREAK SWITCH	1

TECHNICAL DATA	
RATING	500 kVA
PRIMARY VOLTAGE	34.5GRDY/19.92 kV
SECONDARY VOLTAGE	480Y/277 V
FREQUENCY	60 Hz
VECTOR GROUP	YNY0
WINDING MATERIAL	ALUMINIUM
EFFICIENCY	99.05 %
IMPEDANCE	5.75 %
ALTITUDE	≤1,500 m
NO. OF TAP POSITION	5

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	DRWN TN 09/09/24
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	CHKD JM 09/09/24
TOLERANCE INCHES: XXX=±.010 .XX=±.020 TOLERANCE METRICS: .XXX=±.254 .XX=±.51	ENGR JL 09/09/24
ANGLE PROJECTION	APPR JL 09/09/24
DO NOT SCALE DRAWING	

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 ORANGE, CA 92665

**Three-Phase Loop Distribution**  
 Padmount Transformer

SIZE [DIM. NO.]  
**B** CWS-500KVA3PH-34.5

SCALE	NOT_TO_SCALE	SHEET	1	OF	1
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