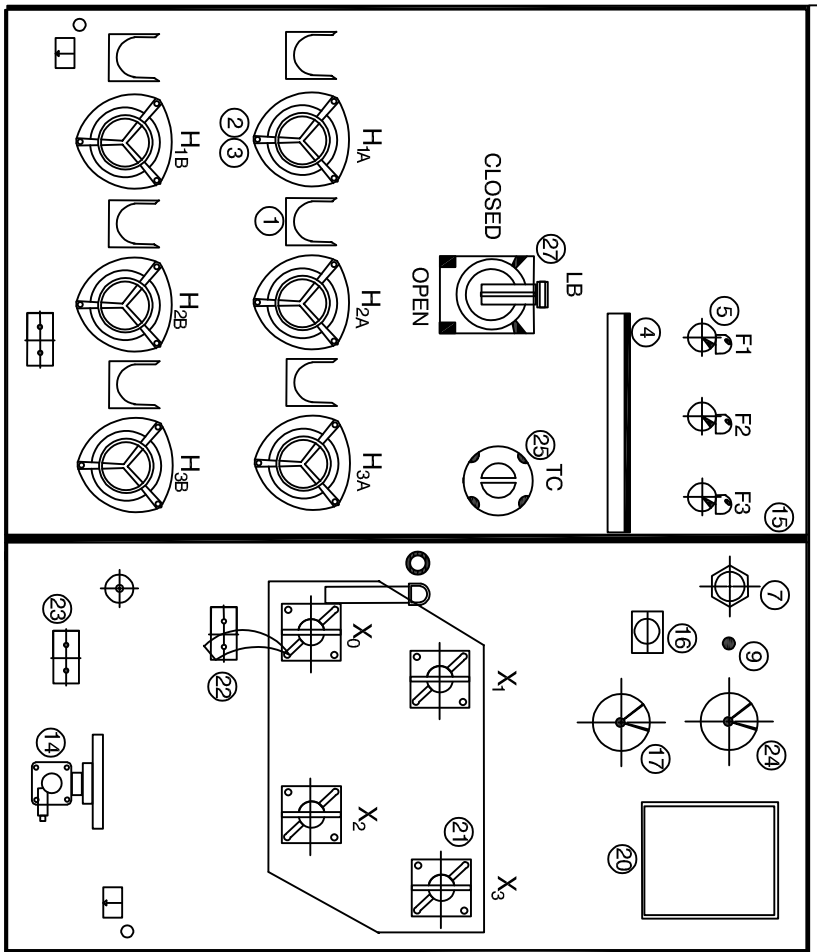
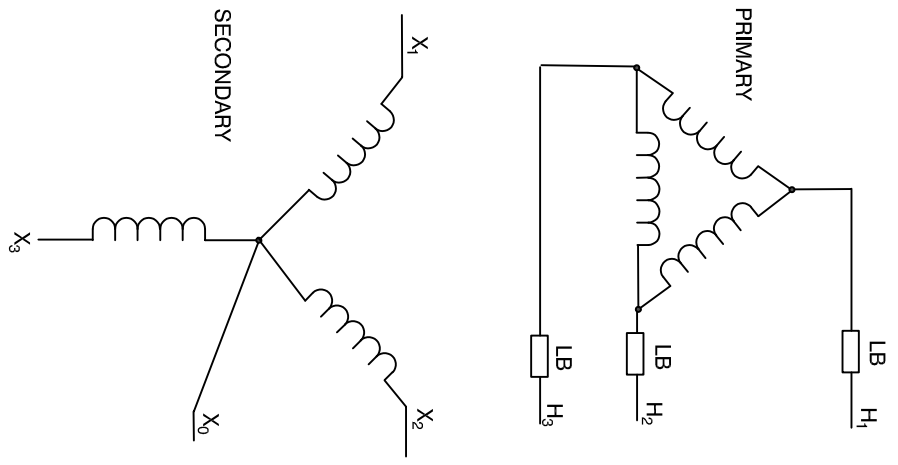


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SCHEMATIC



TECHNICAL DATA	
RATING	500
PRIMARY VOLTAGE	13.2 DELTA
SECONDARY VOLTAGE	480V/277
FREQUENCY	60
VECTOR GROUP	Dyn1
WINDING MATERIAL	ALUMINIUM
EFFICIENCY	99.05
IMPEDANCE	5.75
ALTITUDE	≤1,500
NO. OF TAP POSITION	5

- X₁-X₂ = 480V
- X₁-X₃ = 480V
- X₂-X₃ = 480V
- X₁-X₀ = 277V
- X₂-X₀ = 277V
- X₃-X₀ = 277V

REVISION HISTORY		SIGN & DATE	
REV	DESCRIPTION	BY	DATE
C	100824 UPDATED SPEC., REVISED DESCRIPTION & P/N	TN	10/08/24
D	121624 CHANGED P/N	TN	12/16/24

ITEM	DESCRIPTION	QTY
1	PARKING STAND BRACKET	3
2	H.V BUSHING WELL (15KV, 200A)	3
3	LOADBREAK BUSHING INSERT (15KV, 200A)	3
4	DRIP TRAY	1
5	BAYONET FUSE (PRNT4-15/40)	3
7	1" UPPER FILL VALVE	1
9	PRESSURE RELIEF VALVE	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	1
23	GROUND STEEL PADS	3
24	VACUUM PRESSURE GAUGE (YZ-70)	1
25	TAP CHANGER (WSLI13 63 / 20-6x5)	1
27	LOADBREAK SWITCH	1

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES:
XXX=±.010 .XX=±.020
TOLERANCE METRICS:
.XXX=±.254 .XX=±.51
ANGLE PROJECTION DO NOT SCALE DRAWING

AUTOCAD	X
SOLIDWORKS	
BRWN	TN
ENGR	JL
DATE	09/09/24
DATE	09/09/24
DATE	09/09/24

TITLE: Three-Phase Loop Distribution Padmount Transformer

www.coilw.com
sales@coilw.com

Coil Winding Specialist, Inc.
353 W GROVE AVE
ORANGE, CA 92665

SIZE [DIM. NO.]
B [DIM. NO.]

CWS-500KVA3P-13.2K

SCALE NOT_TO_SCALE SHEET 1 OF 1