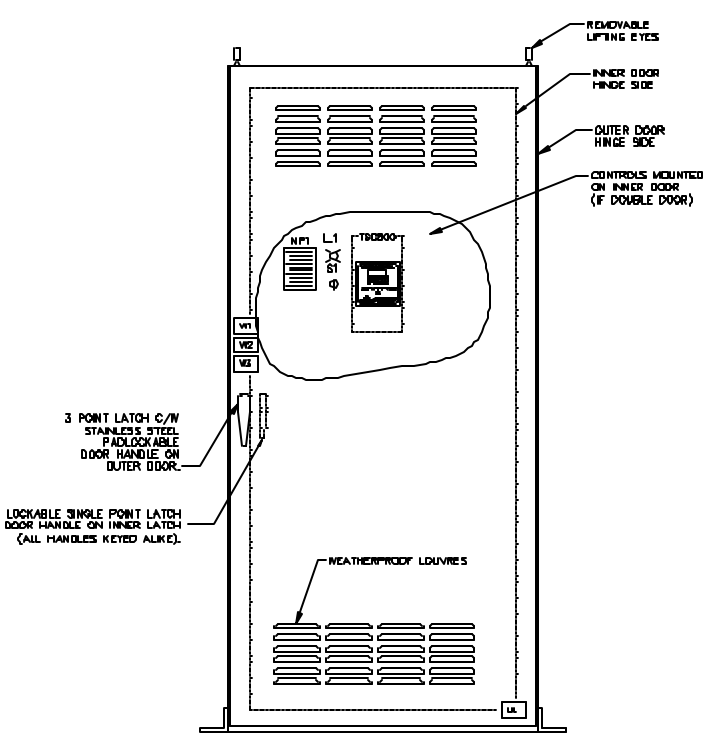
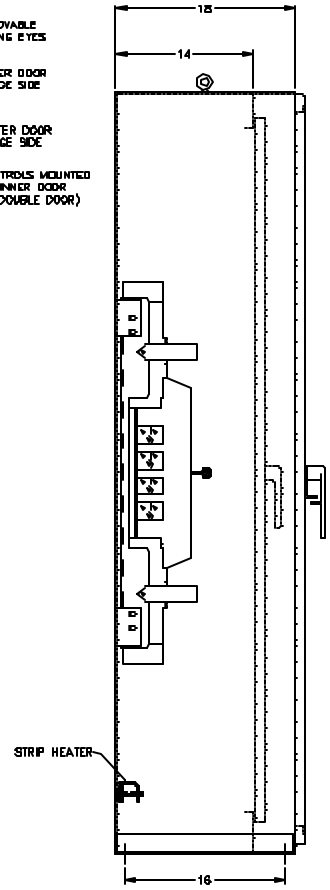
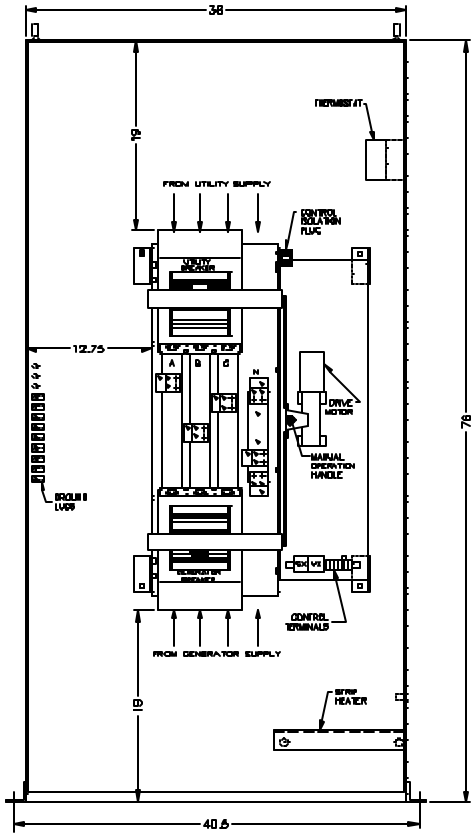


FRONT VIEW (TYPICAL)



LEFT SIDE VIEW



FRONT VIEW

DOOR NOT SHOWN

FOIL LABEL (TYPICAL)

WARNING
MORE THAN ONE LIVE CIRCUIT
SEE DIAGRAM

AVERTISSEMENT
PLUS D'UN CIRCUIT SOUS
TENSION VOIR SCHEMA

WARNING
DISCONNECT ALL SOURCES OF
SUPPLY BEFORE SERVICING

AVERTISSEMENT
COUPER TOUTES LES SOURCES
D'ALIMENTATION AVANT DE FAIRE
L'ENTRETIEN ET LES REPARATIONS

FOIL LABEL

SERVICE DISCONNECT INSTRUCTIONS

WARNING

TRIM (TYPICAL)

SERVICE DISCONNECT

SERVICE DISCONNECTED

MATERIAL: 12GA. C.R.S. or H.R. P & O EXCEPT AS SPECIFIED.
CONSTRUCTION: FULLY WELDED. NEMA 3R. WEATHERPROOF.
FINISH: PAINTED EXTERIOR ENAMEL. ASA #61 GREY.

DRAFT FOR REVIEW ONLY. DRAWINGS SUBJECT TO CHANGE WITHOUT NOTICE.

ENCLOSURE TYPE

NEMA 3R ☒

SIZE (AMPS)

800A ☒

3 POLE ☒

SOLID NEUTRAL ☒

TRANSFER SWITCH CONFIGURATION

SL- ☒

▽ TRANSFER SWITCH BREAKERS ARE MECHANICALLY INTERLOCKED SO THAT ONLY ONE BREAKER IS CLOSED AT A TIME.

▽ FOR TRANSFER SWITCH OPTIONS SEE SPECIFICATION DRAWING.

▽ TS SERIES INTERMEDIATE NEUTRAL 3W SYSTEM NOT SOLIDLY GROUNDED NEUTRAL.

CONNECTION DATA

800A:

UTILITY(NORMAL): 1-3Ø, 3 1/0-500MCM Cu/Al PER PHASE/NEUTRAL

GENERATOR: 1-3Ø, 3 1/0-500MCM Cu/Al PER PHASE/NEUTRAL

LOAD: 1-3Ø, 3 1/0-500MCM Cu/Al PER PHASE/NEUTRAL

GROUND: (2) #3-250MCM Cu/AL

SPECIAL REQUIREMENTS

☐ APPROVED FOR CONSTRUCTION
☐ MASTER COPY ☐ REFERENCE COPY ___ OF ___
☐ MULTIPLE UNIT WORK ORDER
☐ RELEASED FOR INFORMATION
AUTH. BY: DATE:

DRAW. NO.	REFERENCE DRAWINGS	No.	REVISIONS	BY	AUTH	DATE

THOMSON TECHNOLOGY

AUTOMATIC TRANSFER SWITCH
MODEL TS 850T
PHYSICAL LAYOUT & INSTALLATION DETAILS
800A

CUSTOMER: PERMCAT POWER SYSTEMS

PURCHASE ORDER No. 4-00143		SALES ORDER No. W-82784	
DRAWN BY CG	DATE BY SH	DATE 04-26-20	REV 0
DRAWING/FILE No. W-026754-01		SHEET 1/2	

© THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF THOMSON TECHNOLOGY, IT IS NOT TO BE USED EXPRESSLY TO AID THEIRS.