ALL CIRCUIT GROUNDED CONDUCTORS NOT SHOWN FOR CLARITY

240VAC TO MAIN/NEUTRAL DISTRIBUTION MAIN 2 PANEL MAIN 1
TO GENERATOR OUTPUT (WHITE/BLACK/RED)

16 CIRCUIT LOAD CENTER
12 CIRCUIT LOAD CENTER
10 CIRCUIT LOAD CENTER
8 CIRCUIT LOAD CENTER
LEGEND

ATS - AUTOMATIC TRANSFER SWITCH
C1 - UTILITY COIL & RECTIFIER
C2 - GENERATOR COIL & RECTIFIER
F1, F2 - 5A, 600V FUSE
LC - CIRCUIT BREAKER (LOADS)
(16 CIRCUIT SHOWN FOR REFERENCE ONLY)
N - NEUTRAL
TR - TRANSFER RELAY
TS - TERMINAL STRIP
XA, XB - LIMIT SWITCHES