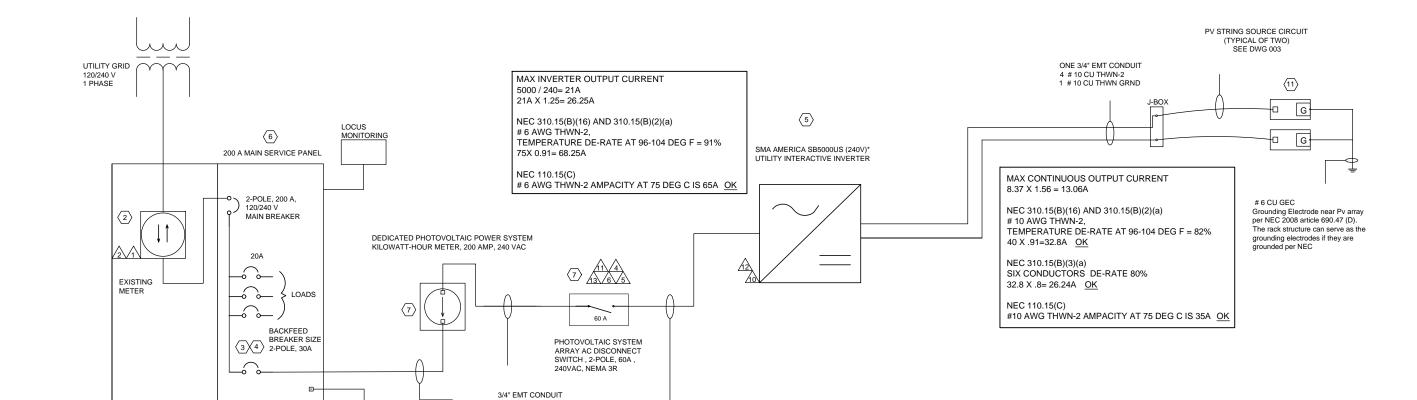
PHOTOVOLTAIC SYSTEM INFORMATION 6240 WATT PHOTOVOLTAIC ARRAY 2 PARALLEL STRINGS OF (13) TRINA SOLAR TSM-240PA05.05 MODULES ONE SMA AMERICA SB5000US (240V)* INVERTER FOR A TOTAL OF 26 MODULES



3 # 6 CU THWN-2 1 # 10 CU THWN GRND

EXISTING GROUNDING PER NEC REQUIREMENTS

BACKFED BREAKER SIZING
MAX AC CONTINUOUS OUTPUT
21A X 1.25= 26.25 A MINIMUM BREAKER SIZE
NEC 690.64(B)(2)

| NEC 690.64(B)(2) | 200A X 1.2 = 240A | 240-200A MAIN BREAKER = 40A ALLOWABLE BACKFEED