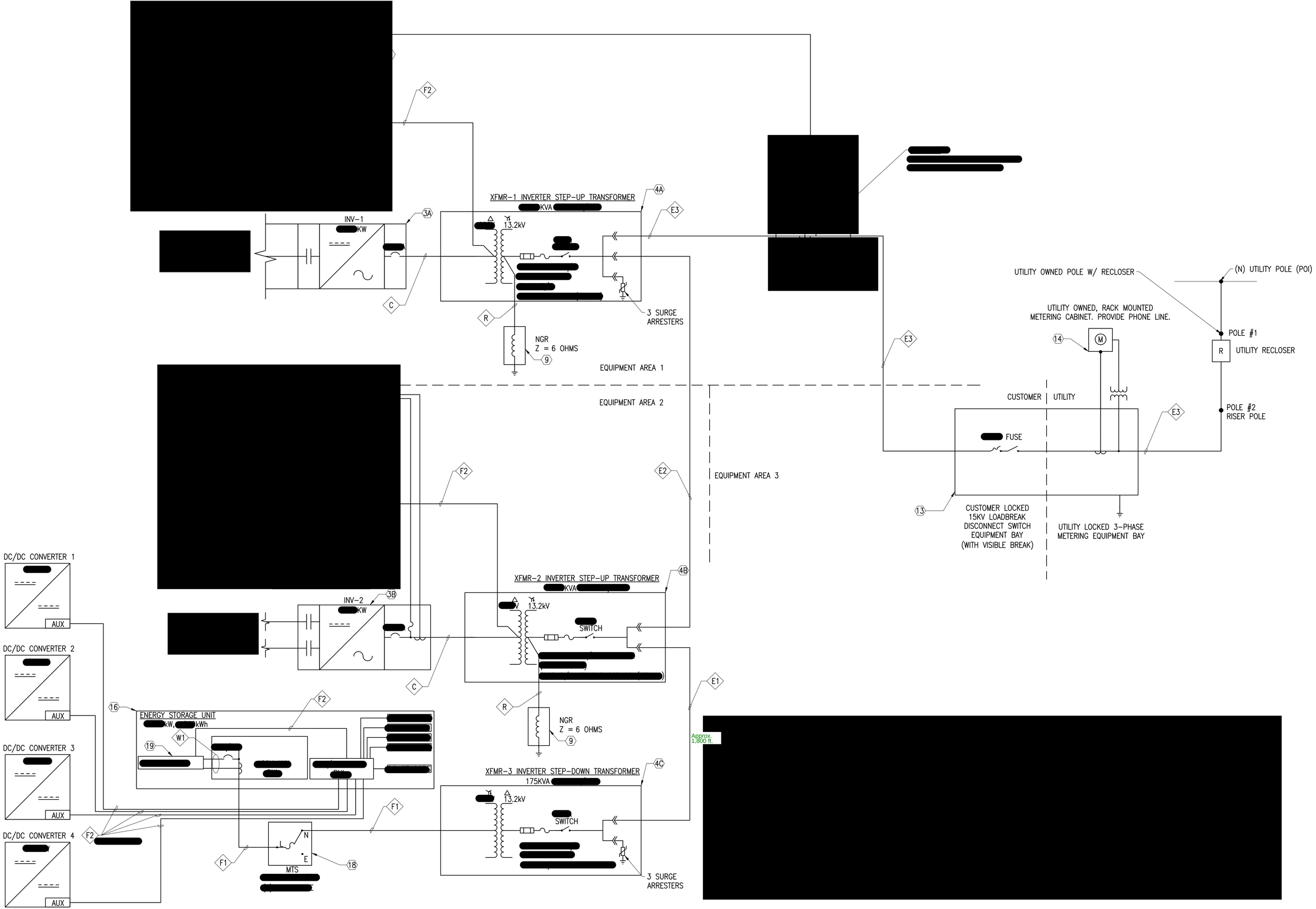
F2
XFMR-1 INVERTER STEP-UP TRANSFORMER
KVA
4A
E3
INV-1
KW
3A
13.2kV
C
R
3 SURGE ARRESTERS
NGR
Z = 6 OHMS
9
EQUIPMENT AREA 1
EQUIPMENT AREA 2
EQUIPMENT AREA 3
E3
UTILITY OWNED POLE W/ RECLOSER
(N) UTILITY POLE (POI)
UTILITY OWNED, RACK MOUNTED METERING CABINET. PROVIDE PHONE LINE.
14
M
POLE #1
R
UTILITY RECLOSER
CUSTOMER
UTILITY
E3
POLE #2
RISER POLE
FUSE
13
CUSTOMER LOCKED 15KV LOADBREAK DISCONNECT SWITCH EQUIPMENT BAY (WITH VISIBLE BREAK)
UTILITY LOCKED 3-PHASE METERING EQUIPMENT BAY
F2
E2
DC/DC CONVERTER 1
AUX
DC/DC CONVERTER 2
AUX
DC/DC CONVERTER 3
AUX
DC/DC CONVERTER 4
AUX
INV-2
KW
3B
XFMR-2 INVERTER STEP-UP TRANSFORMER
KVA
4B
13.2kV
SWITCH
C
E1
16
ENERGY STORAGE UNIT
kW, kWh
W1
19
F2
R
NGR
Z = 6 OHMS
9
Approx. 1,800 ft.
XFMR-3 INVERTER STEP-DOWN TRANSFORMER
175KVA
4C
13.2kV
SWITCH
F1
F2
F1
L
N
E
MTS
18
3 SURGE ARRESTERS