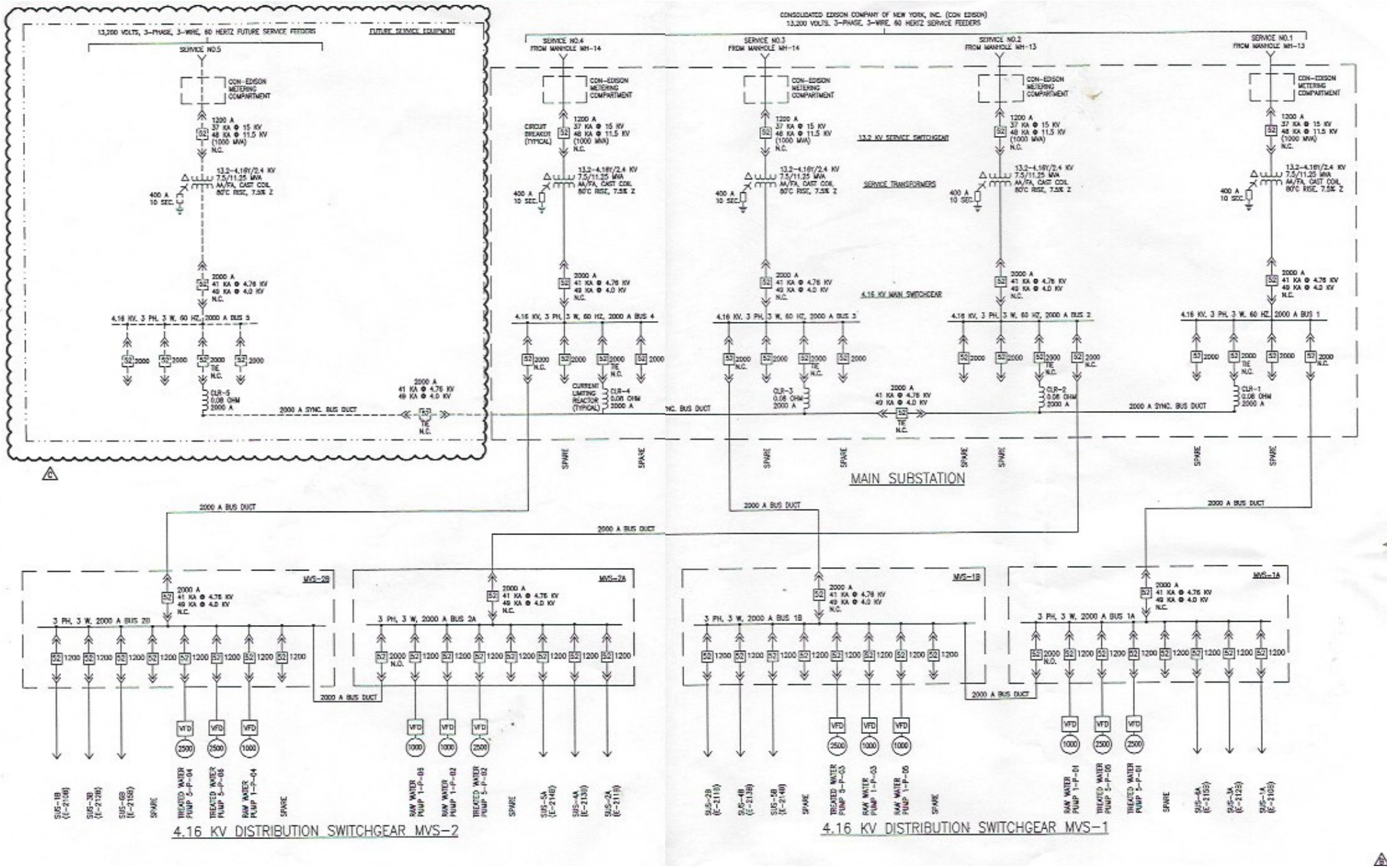
13,200 VOLTS, 3-PHASE, 3-WIRE, 60 HERTZ FUTURE SERVICE FEEDERS
FUTURE SERVICE EQUIPMENT
SERVICE NO.5
CON-EDISON METERING COMPARTMENT
1200 A 37 KA @ 15 KV 48 KA @ 11.5 KV (1000 MVA) N.C.
13.2-4.16Y/2.4 KV 7.5/11.25 MVA AA/FA, CAST COIL, 80°C RISE, 7.5% Z
400 A 10 SEC.
2000 A 41 KA @ 4.76 KV 49 KA @ 4.0 KV N.C.
4.16 KV, 3 PH, 3 W, 60 HZ, 2000 A BUS 5
2000 A SYNC. BUS DUCT
CLR-5 0.08 OHM 2000 A
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. (CON EDISON)
13,200 VOLTS, 3-PHASE, 3-WIRE, 60 HERTZ SERVICE FEEDERS
SERVICE NO.4 FROM MANHOLE MH-14
SERVICE NO.3 FROM MANHOLE MH-14
SERVICE NO.2 FROM MANHOLE MH-13
SERVICE NO.1 FROM MANHOLE MH-13
CIRCUIT BREAKER (TYPICAL)
13.2 KV SERVICE SWITCHGEAR
SERVICE TRANSFORMERS
4.16 KV MAIN SWITCHGEAR
4.16 KV, 3 PH, 3 W, 60 HZ, 2000 A BUS 4
4.16 KV, 3 PH, 3 W, 60 HZ, 2000 A BUS 3
4.16 KV, 3 PH, 3 W, 60 HZ, 2000 A BUS 2
4.16 KV, 3 PH, 3 W, 60 HZ, 2000 A BUS 1
CURRENT LIMITING REACTOR (TYPICAL)
CLR-4 0.08 OHM 2000 A
CLR-3 0.08 OHM 2000 A
CLR-2 0.08 OHM 2000 A
CLR-1 0.08 OHM 2000 A
2000 A SYNC. BUS DUCT
SPARE
MAIN SUBSTATION
2000 A BUS DUCT
MVS-2B
MVS-2A
MVS-1B
MVS-1A
3 PH, 3 W, 2000 A BUS 2B
3 PH, 3 W, 2000 A BUS 2A
3 PH, 3 W, 2000 A BUS 1B
3 PH, 3 W, 2000 A BUS 1A
SUS-1B (E-2136)
SUS-3B (E-2138)
SUS-6B (E-2158)
TREATED WATER PUMP 5-P-04
TREATED WATER PUMP 5-P-06
RAW WATER PUMP 1-P-04
RAW WATER PUMP 1-P-03
RAW WATER PUMP 1-P-02
TREATED WATER PUMP 5-P-02
SUS-5A (E-2146)
SUS-4A (E-2133)
SUS-2A (E-2116)
SUS-2B (E-2115)
SUS-4B (E-2135)
SUS-5B (E-2148)
TREATED WATER PUMP 5-P-03
RAW WATER PUMP 1-P-01
RAW WATER PUMP 1-P-05
SUS-6A (E-2155)
SUS-3A (E-2125)
SUS-1A (E-2105)
4.16 KV DISTRIBUTION SWITCHGEAR MVS-2
4.16 KV DISTRIBUTION SWITCHGEAR MVS-1