

Panel Name: CTP
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: COOLING TOWER YARD
SUPPLIED FROM: MSB2
MAINS: 100 A MCB
AVAILABLE FAULT: 16293 A
MINIMUM SYM IC: 18KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Outdoor

Load Classification
Motor: 13798 VA
Receptacle: 180 VA
Electric Heat: 4805 VA
Total Conn. Load: 19783 VA
Total Est. Demand: 21557 VA
Total Est. Demand Current: 90 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Panel Name: EMD
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELEC B115
SUPPLIED FROM: EMA
MAINS: 70 A MLO
AVAILABLE FAULT: 3356 A
MINIMUM SYM IC: 10KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

Load Classification
Lighting: 2000 VA
Receptacle: 750 VA
Total Conn. Load: 2750 VA
Total Est. Demand: 2750 VA
Total Est. Demand Current: 9 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Switchboard: MSB3
VOLTAGE: 120/208 Wye, 3 - Phase 4 - Wire
LOCATION: ELECTRICAL A119
SUPPLIED FROM: MSB2
MAINS: 1600 A MCB
MINIMUM SYM IC: 35KA
ENCLOSURE: Indoor

Panel Name: SBA
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELEC C191
SUPPLIED FROM: ATS-SB
MAINS: 150 A MLO
AVAILABLE FAULT: 7864 A
MINIMUM SYM IC: 10KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

Load Classification
Motor: 1440 VA
Receptacle: 1600 VA
Total Conn. Load: 3040 VA
Total Est. Demand: 3040 VA
Total Est. Demand Current: 12 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Panel Name: EMA
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELEC C191
SUPPLIED FROM: ATS-EM
MAINS: 150 A MLO
AVAILABLE FAULT: 7864 A
MINIMUM SYM IC: 10KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

Load Classification
Lighting: 6744 VA
Receptacle: 2900 VA
Total Conn. Load: 9644 VA
Total Est. Demand: 10290 VA
Total Est. Demand Current: 30 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Panel Name: MDP
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELECTRICAL A119
SUPPLIED FROM: MSB2
MAINS: 400 A MCB
AVAILABLE FAULT: 18583 A
MINIMUM SYM IC: 22KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

Load Classification
Lighting: 19171 VA
Receptacle: 76400 VA
Total Conn. Load: 95571 VA
Total Est. Demand: 67204 VA
Total Est. Demand Current: 187 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Panel Name: SBB
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELEC C101
SUPPLIED FROM: SBA
MAINS: 70 A MLO
AVAILABLE FAULT: 3064 A
MINIMUM SYM IC: 10KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

Load Classification
Receptacle: 3240 VA
Total Conn. Load: 3240 VA
Total Est. Demand: 3240 VA
Total Est. Demand Current: 9 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Panel Name: EMC
VOLTAGE: 120/208 Wye, 3 Phase, 4 Wire
LOCATION: ELECTRICAL A119
SUPPLIED FROM: EMA
MAINS: 70 A MLO
AVAILABLE FAULT: 3121 A
MINIMUM SYM IC: 10KA
FEED-THRU LUGS: No
TRIM: Surface
ENCLOSURE: Indoor

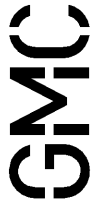
Load Classification
Lighting: 4744 VA
Receptacle: 1750 VA
Total Conn. Load: 6494 VA
Total Est. Demand: 7680 VA
Total Est. Demand Current: 21 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.

Switchboard: MSB2
VOLTAGE: 120/208 Wye, 3 - Phase 4 - Wire
LOCATION: SITE
SUPPLIED FROM: UTILITY
MAINS: 3000 A MCB
AVAILABLE FAULT: 3121 A
MINIMUM SYM IC: 50KA
ENCLOSURE: NEMA 3R

Load Classification
Lighting: 19171 VA
Receptacle: 21321 VA
Existing Load - Lighting: 20792 VA
Water Heat: 16528 VA
Electric Heat: 410321 VA
HVAC CONTROLS: 1500 VA
Heat Pump: 26641 VA
Existing Load - Receptacles: 34820 VA
Existing Load - HVAC: 149022 VA
Total Conn. Load: 762056 VA
Total Est. Demand: 748691 VA
Total Conn. Current: 2173 A
Total Est. Demand Current: 2073 A

Notes:
1. Panel shall be a Busman Fused Coordination panelboard, see riser diagram for additional information.
2. Provide (3) spare 70A 3 pole cube fuses and (2) spare 20A 1 pole cube fuses.



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PANELBOARD SCHEDULES

E0.05