

| EQUIPMENT DESCRIPTIONS | | | ELECTRICAL CHARACTERISTICS | | | | | | | | CONNECTION CHARACTERISTICS | | | | | FEEDER CHARACTERISTICS | | | PANEL INFORMATION | - | - | | |
|------------------------|-----------------------------------|--------------------|----------------------------|-----|--------|--------|------|-------|-------|-----|----------------------------|------------------|---------------------|---------------------------------|--------------------|------------------------|------------------|------------|-------------------|-------|---|--|--|
| TAG | DESCRIPTION | LOCATION | KW | HP | FLA | MCA | MOCP | VOLTS | PHASE | VFD | 1-POINT CONNECT | STARTER DIVISION | DISCONNECT DIVISION | GENERATOR BACKUP POWER REQUIRED | CONDUIT DIA (INCH) | PHASE CONDUCTORS | GROUND CONDUCTOR | PANEL NAME | STARTER SIZING | NOTES | | | |
| MECHANICAL | | | | | | | | | | | | | | | | | | | | | | | |
| AHUR-01 | AIR HANDLING UNIT | NORTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | Y | 2-1/2" | 3#350 KCMIL AL | #2 AL | SHPD11A | | | | | |
| AHUR-02 | AIR HANDLING UNIT | NORTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | N | 2-1/2" | 3#350 KCMIL AL | #2 AL | NHPD23A | | | | | |
| AHUR-03 | AIR HANDLING UNIT | NORTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | Y | 2-1/2" | 3#350 KCMIL AL | #2 AL | SHPD11A | | | | | |
| AHUR-04 | AIR HANDLING UNIT | NORTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | N | 2-1/2" | 3#350 KCMIL AL | #2 AL | NHPD23A | | | | | |
| AHUR-05 | AIR HANDLING UNIT | SOUTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | Y | 2-1/2" | 3#350 KCMIL AL | #2 AL | SHPD21A | | | | | |
| AHUR-06 | AIR HANDLING UNIT | SOUTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | N | 2-1/2" | 3#350 KCMIL AL | #2 AL | NHPD23A | | | | | |
| AHUR-07 | AIR HANDLING UNIT | SOUTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | Y | 2-1/2" | 3#350 KCMIL AL | #2 AL | SHPD21A | | | | | |
| AHUR-08 | AIR HANDLING UNIT | SOUTH ROOF | | | 144.00 | 168.00 | | 480 | 3 | Y | Y | 23 | 23 | N | 2-1/2" | 3#350 KCMIL AL | #2 AL | NHPD12B | | | | | |
| AHU-01-01 | AUDITORIUM AIR HANDLING UNIT | LEVEL 1 NORTH | | | 23.00 | 26.00 | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#6 | #10 | SH2B22B | | | | | |
| CHR-01 | AIR COOLED CHILLER | NORTH ROOF | | | 650 | 812 | 1000 | 480 | 3 | Y | Y | 23 | 23 | N | (4) 2-1/2" | (12) 500 KCMIL AL | (4) 250 KCMIL AL | 42-SWB-03A | | | | | |
| CHR-02 | AIR COOLED CHILLER | NORTH ROOF | | | 650 | 812 | 1000 | 480 | 3 | Y | Y | 23 | 23 | N | (4) 2-1/2" | (12) 500 KCMIL AL | (4) 250 KCMIL AL | 42-SWB-04B | | | | | |
| CHR-03 | AIR COOLED CHILLER | NORTH ROOF | | | 650 | 812 | 1000 | 480 | 3 | Y | Y | 23 | 23 | N | (4) 2-1/2" | (12) 500 KCMIL AL | (4) 250 KCMIL AL | 42-SWB-04B | | | | | |
| CHR-04 | AIR COOLED CHILLER | NORTH ROOF | | | 114 | 143 | 175 | 480 | 3 | Y | Y | 23 | 23 | Y | 2" | 3#40 AL | 1#4 AL | SH1D12B | | | | | |
| B-R-01 | BOILER | NORTH PUMP ROOM | | | 15.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| B-R-02 | BOILER | NORTH PUMP ROOM | | | 15.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| B-R-03 | BOILER | NORTH PUMP ROOM | | | 15.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| B-R-04 | BOILER | NORTH PUMP ROOM | | | 15.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| DC-R-01 | DRY COOLER | NORTH ROOF | | | 28.00 | 35.00 | | 480 | 3 | N | Y | 23 | 23 | Y | 3/4" | 3#6 | #10 | SHPB22B | | | | | |
| SHHWP-R-01 | SECONDARY BUILDING HHWS PUMP | NORTH PUMP ROOM | | 30 | 40.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 1" | 3#4 | #8 | SHPB22B | | | | | |
| SHHWP-R-02 | SECONDARY BUILDING HHWS PUMP | NORTH PUMP ROOM | | 30 | 40.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 1" | 3#4 | #8 | SHPB22B | | | | | |
| SHHWP-R-03 | SECONDARY BUILDING HHWS PUMP | NORTH PUMP ROOM | | 30 | 40.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 1" | 3#4 | #8 | NHPB13A | | | | | |
| SCHWP-R-01 | SECONDARY BUILDING CHWS PUMP | NORTH PUMP ROOM | | 50 | 65.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 1-1/2" | 3#20 AL | #4 AL | NHPD23A | | | | | |
| SCHWP-R-02 | SECONDARY BUILDING CHWS PUMP | NORTH PUMP ROOM | | 50 | 65.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 1-1/2" | 3#20 AL | #4 AL | NHPD23A | | | | | |
| SCHWP-R-03 | SECONDARY BUILDING CHWS PUMP | NORTH PUMP ROOM | | 50 | 65.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 1-1/2" | 3#20 AL | #4 AL | NHPD23A | | | | | |
| PDCP-R-01-01 | PRIMARY 24/7 COOLING LOADS PUMP | NORTH ROOF | | 1.5 | 3.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| PDCP-R-01-02 | PRIMARY 24/7 COOLING LOADS PUMP | NORTH ROOF | | 1.5 | 3.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| SCHWP-R-04 | SECONDARY 24/7 COOLING LOADS PUMP | NORTH PUMP ROOM | | 1.5 | 3.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| PBP-R-01 | PRIMARY BOILER PRIMARY PUMP | NORTH PUMP ROOM | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| PBP-R-02 | PRIMARY BOILER PRIMARY PUMP | NORTH PUMP ROOM | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| PBP-R-03 | PRIMARY BOILER PRIMARY PUMP | NORTH PUMP ROOM | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SHPB22B | | | | | |
| PCHP-R-01-01 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| PCHP-R-01-02 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| PCHP-R-02-01 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| PCHP-R-02-02 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| PCHP-R-03-01 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| PCHP-R-03-02 | PRIMARY CHILLER PRIMARY PUMP | NORTH ROOF | | 15 | 21.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#8 | #10 | NHPB13A | | | | | |
| KEF-R-01 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 5.0 | 7.60 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-02 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 2.0 | 3.40 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-03 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 3.0 | 4.80 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-04 | KITCHEN EXHAUST FAN | NORTH ROOF | | 3.0 | 4.80 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-05 | KITCHEN EXHAUST FAN | NORTH ROOF | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-06 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-07 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 7.5 | 11.00 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-08 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 5.0 | 7.60 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| KEF-R-09 | KITCHEN EXHAUST FAN | PENTHOUSE ROOF | | 14 | 1.10 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| VEF-R-01 | VAPOR EXHAUST FAN | PENTHOUSE ROOF | | 2 | 3.40 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| VEF-R-02 | VAPOR EXHAUST FAN | NORTH ROOF | | 2 | 3.40 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| VEF-R-03 | VAPOR EXHAUST FAN | PENTHOUSE ROOF | | 3/4 | 1.60 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| VEF-R-04 | VAPOR EXHAUST FAN | PENTHOUSE ROOF | | 1/0 | 2.10 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| SFEF-R-01 | SOLID FUEL EXHAUST FAN | PENTHOUSE ROOF | | 5.0 | 7.60 | | | 480 | 3 | Y | Y | 23 | 23 | N | 3/4" | 3#12 | #12 | NHPB13A | | | | | |
| SPF-R-01 | STAIR PRESSURIZATION FAN | PENTHOUSE ROOF | | 5.0 | 7.60 | | | 480 | 3 | N | Y | 26 | 26 | Y | 3/4" | 3#12 | #12 | SHPB32B | 0 | | | | |
| SPF-R-02 | STAIR PRESSURIZATION FAN | PENTHOUSE ROOF | | 5.0 | 7.60 | | | 480 | 3 | N | Y | 26 | 26 | Y | 3/4" | 3#12 | #12 | SHPB32B | 0 | | | | |
| SPF-R-03 | STAIR PRESSURIZATION FAN | SOUTH ROOF | | 5.0 | 7.60 | | | 480 | 3 | N | Y | 26 | 26 | Y | 3/4" | 3#12 | #12 | SHPB12B | 0 | | | | |
| SPF-R-04 | STAIR PRESSURIZATION FAN | SOUTH ROOF | | 5.0 | 7.60 | | | 480 | 3 | N | Y | 26 | 26 | Y | 3/4" | 3#12 | #12 | SHPB12B | 0 | | | | |
| TEF-R-01 | TOILET EXHAUST FAN | NORTH ROOF | | 5.0 | 7.60 | | | 480 | 3 | N | Y | 26 | 26 | N | 3/4" | 3#12 | #12 | NHPB13A | 0 | | | | |
| TEF-R-02 | TOILET EXHAUST FAN | SOUTH ROOF | | 7.5 | 11.00 | | | 480 | 3 | N | Y | 26 | 26 | N | 3/4" | 3#12 | #12 | NHPB12B | 0 | | | | |
| EF-01-01 | LOADING DOCK EXHAUST FAN | NORTH LOADING DOCK | | 3/4 | 1.60 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SH2B22B | | | | | |
| EF-01-02 | LOADING DOCK EXHAUST FAN | SOUTH LOADING DOCK | | 1.0 | 2.10 | | | 480 | 3 | Y | Y | 23 | 23 | Y | 3/4" | 3#12 | #12 | SH2B12B | | | | | |
| EF-01-03 | UPS | | | | | | | | | | | | | | | | | | | | | | |