

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES:
 1. PROVIDE CONDUIT FOR CONTROL WIRING AS SHOWN ON DETAIL SHEET.
 2. COORDINATE HEIGHT OF JUNCTION BOX WITH MECHANICAL CONTRACTOR. PROVIDE POWER CONNECTION TO CONDENSATE PUMP (WHERE INSTALLED). REFER TO DETAIL SHEET.
 3. FOR ALL HVAC EQUIPMENT, PROVIDE MINIMUM OF 1/2" FROM ACCESSIBLE CEILING AND/OR CONTROL PANEL TO UNIT CONNECTION POINT FOR CONTROL WIRING BY OTHERS.
 4. REFER TO MECHANICAL DRAWINGS FOR EXHAUST FAN INTERLOCK WITH LIGHTS. PROVIDE RELAY AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

| MECHANICAL EQUIPMENT CONNECTION SCHEDULE | | | | | |
|--|---------|-----------------|-------------------------|------------------|---|
| Mark | Voltage | Number of Poles | Disconnect Type | Enclosure Rating | Comments |
| BLEACHER MOTOR | | | | | |
| FLR1-EAST | 208 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| FLR1-WEST | 208 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| FLR2-EAST | 208 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| FLR2-WEST | 208 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| COILING DOOR | | | | | |
| CCD-102B | 120 V | 1 | Motor Rated Switch | | |
| CCD-103B | 120 V | 1 | Motor Rated Switch | | |
| CCD-161B | 120 V | 1 | Motor Rated Switch | | |
| CCD-163B | 120 V | 1 | Motor Rated Switch | | |
| CCD-163C | 120 V | 1 | Motor Rated Switch | | |
| CCD-206c | 120 V | 1 | Motor Rated Switch | | |
| CCD-206d | 120 V | 1 | Motor Rated Switch | | |
| CCD-206e | 120 V | 1 | Motor Rated Switch | | |
| ELECTRIC HEATER | | | | | |
| EH-1 | 277 V | 1 | Provided With Unit | | |
| EH-2 | 277 V | 1 | Provided With Unit | | |
| ELEVATOR | | | | | |
| ELEVATOR | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. PROVIDE AUXILIARY CONTACT FOR INTERFACE TO ELEVATOR RECALL FUNCTION. PROVIDE ENGRAVED NAMEPLATE PER 1/8TH SCALE DRAWINGS. |
| ELEVATOR CAB LIGHTS | 120 V | 1 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. PROVIDE ENGRAVED NAMEPLATE PER 1/8TH SCALE DRAWINGS. |
| ENERGY RECOVERY UNIT | | | | | |
| ERU-1 | 480 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| ERU-2 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| ERU-3 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| ERU-4 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| EXHAUST FAN | | | | | |
| EF-1 | 120 V | 1 | Motor Rated Switch | | NOTE 4. |
| EF-2 | 120 V | 1 | Motor Rated Switch | | NOTE 4. |
| EF-3 | 120 V | 1 | Motor Rated Switch | | NOTE 4. |
| EF-4 | 120 V | 1 | Motor Rated Switch | | NOTE 4. |
| LAUNDRY | | | | | |
| DRYER-1 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | COORDINATE ENCLOSURE RATING WITH DRYER MANUFACTURER ELECTRICAL SPECIFICATIONS. |
| WASHER-1 | 208 V | 3 | 30A FUSED SAFETY SWITCH | NEMA 1 | COORDINATE ENCLOSURE RATING WITH WASHER MANUFACTURER ELECTRICAL SPECIFICATIONS. |
| MINI-SPLIT AIR HANDLING UNIT | | | | | |
| MAHU-1 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |
| MAHU-2 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |
| MAHU-3 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |
| MAHU-4 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |
| MAHU-5 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |
| MAHU-6 | 208 V | 2 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED OUTDOOR UNIT, REFER TO DETAIL ON DRAWING E501. POWER/CONTROL WIRING SHALL BE CONCEALED IN WALL DOWN TO UNIT. NOTE 3. |

| MECHANICAL EQUIPMENT CONNECTION SCHEDULE | | | | | |
|--|---------|-----------------|--------------------------|------------------|--|
| Mark | Voltage | Number of Poles | Disconnect Type | Enclosure Rating | Comments |
| MINI-SPLIT HEAT PUMP (MHP) | | | | | |
| MHP-1 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| MHP-2 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| MHP-3 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| MHP-4 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| MHP-5 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| MHP-6 | 208 V | 2 | 30A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP MINI-SPLIT UNIT INSTALLATION DETAIL FOR DISCONNECT SUPPORT. PROVIDE POWER/CONTROL WIRING TO ASSOCIATED INDOOR UNIT, COORDINATE WITH VENDOR SHOP DRAWINGS. |
| PROJECTOR SCREEN | | | | | |
| AUD PROJ SCREEN | 120 V | 1 | Motor Rated Switch | | PROVIDE POWER/CONTROL WIRING TO ASSOCIATED SWITCH IN CONTROL ROOM AND INTERFACE WITH AUDITORIUM AV CONTROL SYSTEM. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR SHOP DRAWINGS. COORDINATE SCREEN LOCATION ON STAGE WITH CURTAINING CONTRACTOR PRIOR TO ROUGH-IN. |
| ROOFTOP UNIT | | | | | |
| RTU-1 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. REFER TO ROOFTOP DISCONNECT PITCH POCKET DETAIL FOR UNIT DISCONNECT INSTALLATION. |
| RTU-2 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-3 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-4 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-5 | 480 V | 3 | 100A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-6 | 480 V | 3 | 100A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-7 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-8 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-9 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-10 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-11 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| RTU-12 | 480 V | 3 | 60A FUSED SAFETY SWITCH | NEMA 3R | FUSE DISCONNECT PER NAMEPLATE DATA. |
| TANKLESS ELECTRIC WATER HEATER | | | | | |
| TEWH-1 | 277 V | 1 | Motor Rated Switch | | LOCATE MOTOR RATED SWITCH BENEATH COUNTER ADJACENT TO WATER HEATER. COORDINATE ROUGH-IN REQUIREMENTS WITH PLUMBING CONTRACTOR. |

Order Plans @

MECH EQUIPMENT UPDATED AS PART OF ADD #1.

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| SA&E PROJECT NUMBER | 01-615-056 |
| BID PACKAGE | BP-1 |
| ISSUED FOR CONSTRUCTION | 10/15/2019 |
| Southern AE | |
| 7951 Truon Circle Austell, Ga 30168 (770) 519-7777 architects & engineers | REVISIONS R # Doc # Date 1 AD1 11.4.2019 |
| FACILITY CODE NUMBER: 674-0110 GYMNASIUM/AUDITORIUM FOR: HEARD COUNTY SCHOOLS | |
| 545 MAIN STREET, FRANKLIN, GA 30217 HEARD COUNTY SCHOOL SYSTEM FRANKLIN, GEORGIA | |
| MECHANICAL EQUIPMENT CONNECTION SCHEDULE | |
| DRAWING NUMBER E003 | |