

SEAL

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#AR0011556

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SUBMITTAL DATES

TO CLIENT

PROGRESS PRINT DATE

REVISION DATES

1 042821: Add#, update e-notes.

DRAWN KD

CHECKED KD

DATE 03.01.21

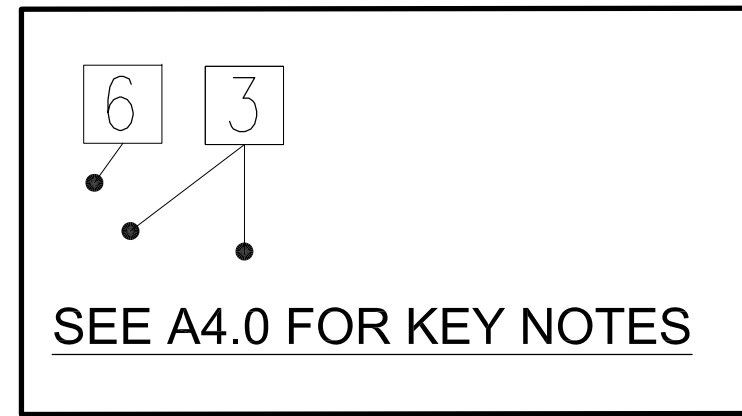
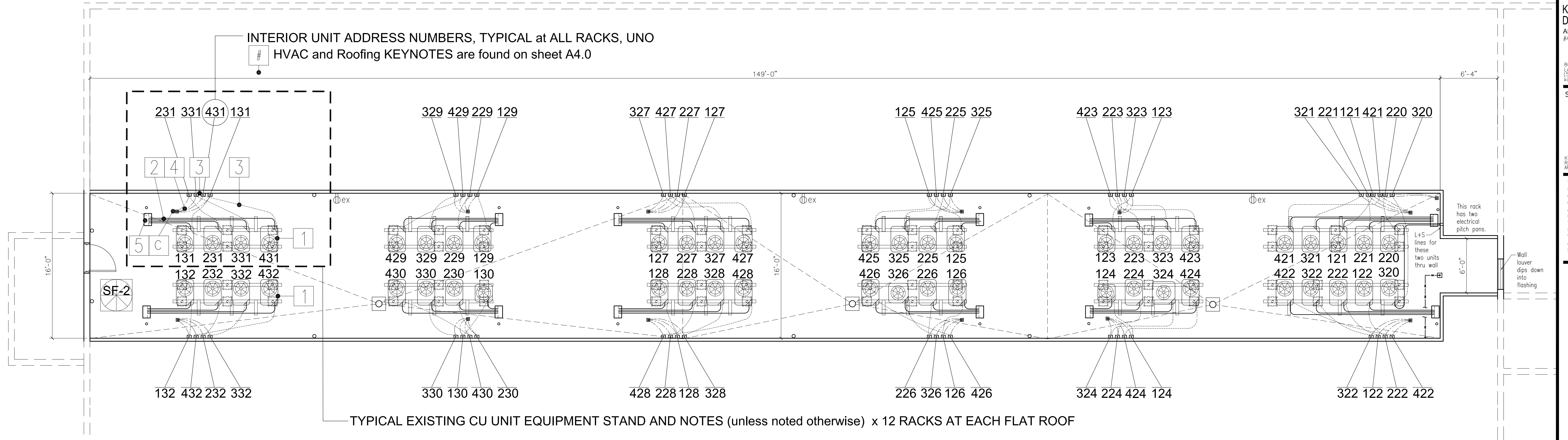
SCALE AS SHOWN

PROJECT NO. 20719

SHEET

SOUTH ELEC
LEVEL FOUR

E2.2



ELECTRICAL NOTES

Air Handler

- Remove existing air handler and disconnect and replace with new in same location.
- Existing AHU mounting platform to be removed and new unit is to be installed with noncombustible mounting racks.
- All conduits to AHU shall be non-combustible (metal or cpvc).
- Replace existing breaker in panel with a 2p-30A HACR rated circuit breaker.
- Based on existing electrical plans, the existing conduit and wire, 2#8's in a 3/4" conduit, are sufficient for new equipment, and the load is equivalent or less. Add a ground wire to from disc to new cb.
- Contractor to field verify existing conditions to ensure compliance. If field conditions vary from existing documentation, then the contractor must submit a formal RFI to architect of record. If new location is in variance of existing or existing branch circuit feeders are not long enough, contractor to intercept in new junction box and extend as required.
- New 24/7 programmable t-stat to replace existing t-stat. T-stat display to have LARGE numbers. Due to the existing LV wiring length not being long enough for the new design, the roof top LV t-stat wires will have to be intercepted at a NEW wall mounted J-Box and extend to unit as necessary.

Condensing Units

- Remove and replace the existing condensing unit as shown and located on NEW HVAC PLAN.
- Remove and replace the existing disconnect switch with new 2p-30A rated disconnect with fuses as recommended by equipment manufacturer. Disconnect shall be Square D or equivalent, with a Nema-3R enclosure.
- New disconnect box AND the new CU shall be labelled with CU's apt number.
- Replace existing condensing unit breaker in panel with a 2p-20A HACR rated circuit breaker.
- Based on the existing electrical plans, the existing conduit and wire, 2#10's in a 3/4" conduit, are sufficient for new equipment, and the load is equivalent or less. If possible, put a new ground wire thru existing conduit to new CB.
- Contractor to field verify existing conditions to ensure compliance. If field conditions vary from existing documentation, then the contractor must submit a formal RFI to architect of record. If new location is in variance of existing or existing branch circuit feeders are not long enough, contractor to intercept in new junction box and extend as required.

