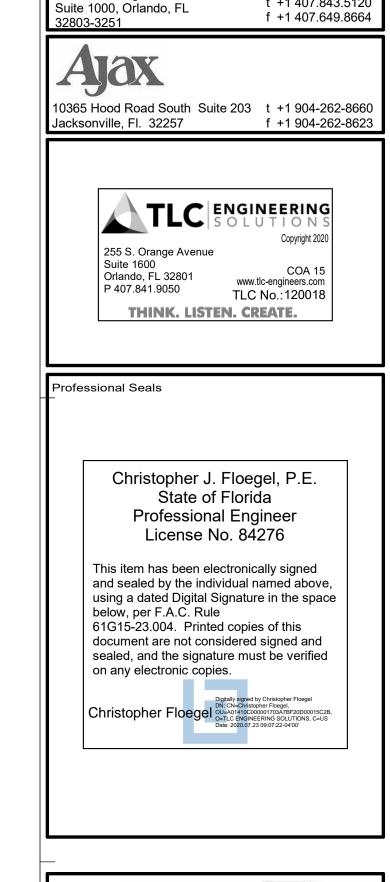
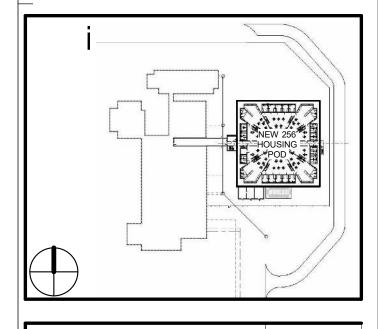


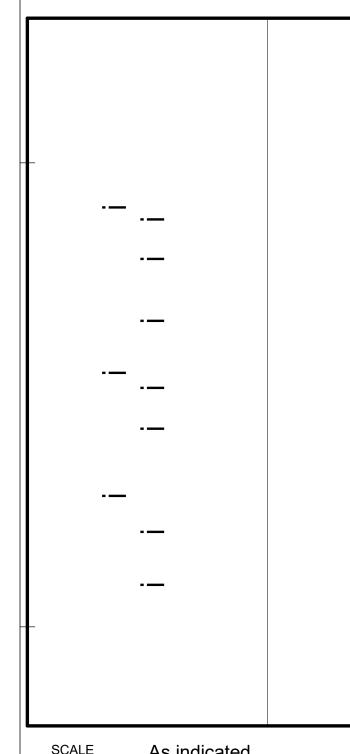


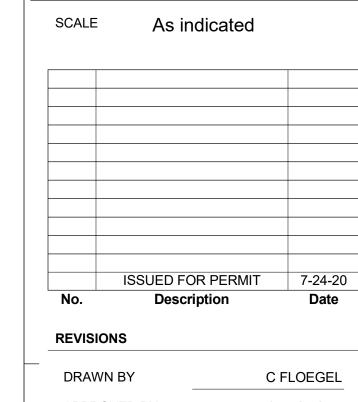
- SUPPLY AND EXHAUST GRILLE LOCATIONS SHOWN FOR REFERENCE ONLY. REFER TO CELL MANUFACTURER DRAWINGS FOR EXACT SUPPLY AND EXHAUST GRILLE LOCATIONS. CONNECT DUCTWORK TO BACKSIDE OF CELLS. VOLUME DAMPERS ARE INTEGRAL TO GRILLES. ROUTE CONDENSATE TO NEAREST HUB DRAIN. REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATIONS.
- 16x16 SA DUCT UP TO ABOVE TOP OF CELLS/DORM. REFER TO UPPER TIER PLANS, AND TO SECTION 5/M-501. ROUTE CONDENSATE FULL SIZE TO DRYWELL. REFER TO DETAIL
- #10/M-702 FOR DRYWELL DETAIL. ROUTE RS/RL PIPING FROM CONDENSING UNIT TO FCU. PIPING SHALL BE ROUTED A MINIMUM OF 8'-0" AFF TO ALLOW PASSAGE BELOW.
- PROVIDE MINIMUM 6" TALL HOUSEKEEPING PAD FOR EXTERIOR EQUIPMENT MOUNTED ON GRADE. PAD SHALL EXTEND A MINIMUM OF 6" BEYOND EQUIPMENT ON ALL SIDE. WHERE PAD IS ADJACENT TO BUILDING, PAD SHALL EXTEND TO THE BUILDING. MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES AROUND
- DUCTWORK AND PIPING INSTALLED WITHIN CHASE SHALL BE INSTALLED SUCH THAT PASSAGE THROUGH THE CHASE IS UNOBSTRUCTED. INSTALLED DUCTWORK AND PIPING ABOVE 8'-0" AFF WHERE POSSIBLE. WHERE DUCTWORK AND PIPING MUST BE INSTALLED LOWER THAN 8'-0" AFF, INSTALL TIGHT TO WALLS TO BEST ACCOMMODATE PASSAGE THROUGH THE CHASE.
- EXHAUST RATE IN THIS CELL INCREASED PER REQUEST OF OWNER. ROUTE RS/RL PIPING FROM CONDENSING UNIT TO FCU. REFER TO
- PROVIDE 8x4 BRICK VENT. BASIS OF DESIGN RUSKIN BV100 OR
- APPROVED EQUAL. PROVIDE SUPPORT UNDER FCU. REFER TO DETAIL #8/M-704.
- THERMOSTAT SHALL BE STAINLESS STEEL FLUSH-MOUNTED SENSOR, SECURED WITH TAMPER-PROOF STAINLESS STEEL HARDWARE. THERMOSTAT SHALL BE SIMILAR TO KELE KTP SERIES.
- 1. PROVIDE DUCT SECURITY BARS AT ALL DUCT PENETRATIONS LARGER THAN 5x5 THROUGH SECURE BARRIERS PER THE FLORIDA MODEL JAIL STANDARDS SECTION 17.5-a. REFER TO ARCHITECTURAL FOR SECURE BARRIER LOCATIONS.
- 2. ALL DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FBC 909.10.2. FOR EXAMPLE: DUCT SUPPORTS & DUCT MATERIALS SHALL BE INCREASED IN GAUGE THICKNESS TO COMPLY AND DAMPER ACTUATORS SHALL HAVE FIRE RATED ENCLOSURES. DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS INCLUDE ALL DUCTWORK CONNECTED TO SMOKE EXHAUST AND/OR SMOKE MAKE-UP FANS.
- 3. REFER TO M-3XX SERIES SMOKE CONTROL DRAWINGS FOR SMOKE CONTROL DUCTWORK. 4. SECURE GRILLES SHALL BE PROVIDED IN ALL SECURE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- 5. TEMPERATURE SENSORS IN ALL SECURE AREAS SHALL BE WALL FLUSH-MOUNT WITH TAMPER-PROOF CONSTRUCTION AND SCREWS SIMILAR TO THE HONEYWELL C7772.
- 6. ALL SMOKE CONTROL DUCTWORK LOCATED OUTSIDE THE SMOKE ZONE SERVED BY THE DUCTWORK SHALL BE FIRE WRAPPED. FIRE WRAP SHALL BE MINIMUM 1 HOUR RATED.



Dewberry*







C FLOEGEL APPROVED BY C FLOEGEL CHECKED BY JULY 24, 2020

> FIRST FLOOR HVAC PLAN -AREA C

PROJECT NO. 50101397

DESTROY AFTER USE