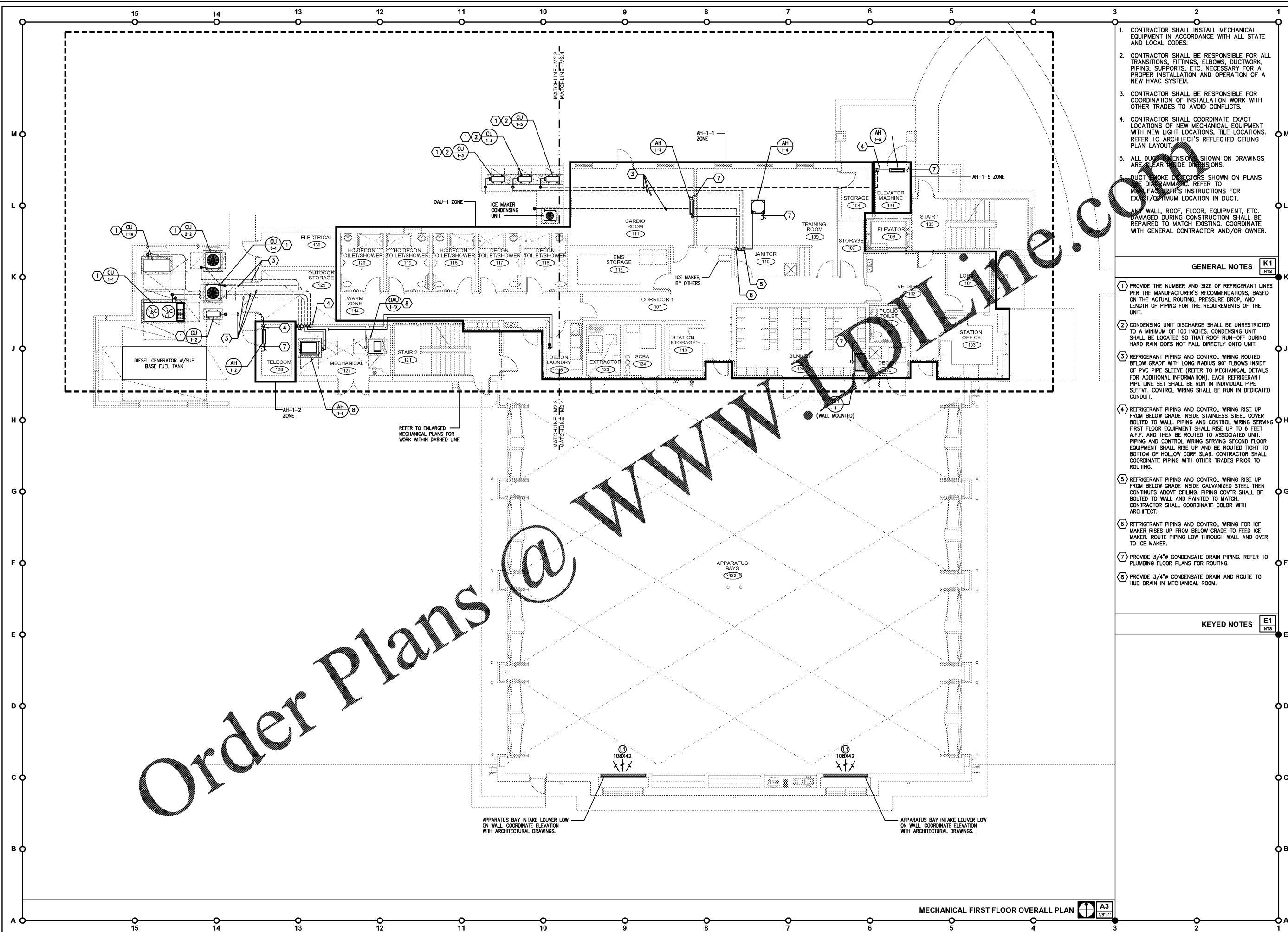


05-25-20 Joshua Wicks, 201915-0002 FGA CPA Fire Station 17 Mechanical M2_1_MF2_Overall Floor Plans.dwg



1. CONTRACTOR SHALL INSTALL MECHANICAL EQUIPMENT IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRANSITIONS, FITTINGS, ELBOWS, DUCTWORK, PIPING, SUPPORTS, ETC. NECESSARY FOR A PROPER INSTALLATION AND OPERATION OF A NEW HVAC SYSTEM.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF INSTALLATION WORK WITH OTHER TRADES TO AVOID CONFLICTS.
4. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF NEW MECHANICAL EQUIPMENT WITH NEW LIGHT LOCATIONS, TILE LOCATIONS. REFER TO ARCHITECT'S REFLECTED CEILING PLAN LAYOUT.
5. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
6. DUCT SMOKE DETECTORS SHOWN ON PLANS TO A MINIMUM OF 100 INCHES. CONDENSING UNIT SHALL BE LOCATED SO THAT ROOF RUN-OFF DURING HARD RAIN DOES NOT FALL DIRECTLY ONTO UNIT.
7. REFRIGERANT PIPING AND CONTROL WIRING ROUTED BELOW GRADE WITH LONG RADIUS 90° ELBOWS INSIDE OF PVC PIPE SLEEVE (REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION). EACH REFRIGERANT PIPE LINE SET SHALL BE RUN IN INDIVIDUAL PIPE SLEEVE. CONTROL WIRING SHALL BE RUN IN DEDICATED CONDUIT.
8. REFRIGERANT PIPING AND CONTROL WIRING RISE UP FROM BELOW GRADE INSIDE STAINLESS STEEL COVER BOLTED TO WALL. PIPING AND CONTROL WIRING SERVING FIRST FLOOR EQUIPMENT SHALL RISE UP TO 6 FEET A.F.F. AND THEN BE ROUTED TO ASSOCIATED UNIT. PIPING AND CONTROL WIRING SERVING SECOND FLOOR EQUIPMENT SHALL RISE UP AND BE ROUTED TO TOP OF HOLLOW CORE SLAB. CONTRACTOR SHALL COORDINATE PIPING WITH OTHER TRADES PRIOR TO ROUTING.

GENERAL NOTES K1 NTS

- 1 PROVIDE THE NUMBER AND SIZE OF REFRIGERANT LINES PER THE MANUFACTURER'S RECOMMENDATIONS, BASED ON THE ACTUAL ROUTING, PRESSURE DROP, AND LENGTH OF PIPING FOR THE REQUIREMENTS OF THE UNIT.
- 2 CONDENSING UNIT DISCHARGE SHALL BE UNRESTRICTED TO A MINIMUM OF 100 INCHES. CONDENSING UNIT SHALL BE LOCATED SO THAT ROOF RUN-OFF DURING HARD RAIN DOES NOT FALL DIRECTLY ONTO UNIT.
- 3 REFRIGERANT PIPING AND CONTROL WIRING ROUTED BELOW GRADE WITH LONG RADIUS 90° ELBOWS INSIDE OF PVC PIPE SLEEVE (REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION). EACH REFRIGERANT PIPE LINE SET SHALL BE RUN IN INDIVIDUAL PIPE SLEEVE. CONTROL WIRING SHALL BE RUN IN DEDICATED CONDUIT.
- 4 REFRIGERANT PIPING AND CONTROL WIRING RISE UP FROM BELOW GRADE INSIDE STAINLESS STEEL COVER BOLTED TO WALL. PIPING AND CONTROL WIRING SERVING FIRST FLOOR EQUIPMENT SHALL RISE UP TO 6 FEET A.F.F. AND THEN BE ROUTED TO ASSOCIATED UNIT. PIPING AND CONTROL WIRING SERVING SECOND FLOOR EQUIPMENT SHALL RISE UP AND BE ROUTED TO TOP OF HOLLOW CORE SLAB. CONTRACTOR SHALL COORDINATE PIPING WITH OTHER TRADES PRIOR TO ROUTING.
- 5 REFRIGERANT PIPING AND CONTROL WIRING RISE UP FROM BELOW GRADE INSIDE GALVANIZED STEEL THEN CONTINUES ABOVE CEILING. PIPING COVER SHALL BE BOLTED TO WALL AND PAINTED TO MATCH. CONTRACTOR SHALL COORDINATE COLOR WITH ARCHITECT.
- 6 REFRIGERANT PIPING AND CONTROL WIRING FOR ICE MAKER RISES UP FROM BELOW GRADE TO FEED ICE MAKER. ROUTE PIPING LOW THROUGH WALL AND OVER TO ICE MAKER.
- 7 PROVIDE 3/4" CONDENSATE DRAIN PIPING. REFER TO PLUMBING FLOOR PLANS FOR ROUTING.
- 8 PROVIDE 3/4" CONDENSATE DRAIN AND ROUTE TO HUB DRAIN IN MECHANICAL ROOM.

KEYED NOTES E1 NTS

APPARATUS BAY INTAKE LOUVER LOW ON WALL. COORDINATE ELEVATION WITH ARCHITECTURAL DRAWINGS.

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**Pasco County
 Fire & Rescue Station
 No. 17**
 New Port Richey, Florida

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FGA PROJECT NUMBER
19039

ISSUE DATE
05-25-20

REVISIONS
 DATE: _____
 DATE: _____
 DATE: _____

SHEET NUMBER
M2.1

MECHANICAL FIRST FLOOR OVERALL PLAN A3 1/8"=1'