



- CONTRACTOR SHALL INSTALL MECHANICAL EQUIPMENT IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF INSTALLATION WORK WITH OTHER TRADES TO AVOID CONFLICTS.
- CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF NEW MECHANICAL EQUIPMENT WITH NEW LIGHT LOCATIONS, TILE LOCATIONS. REFER TO ARCHITECT'S REFLECTED CEILING PLAN LAYOUT.
- ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- DUCT SMOKE DETECTORS SHOWN ON PLANS DIMENSIONAL TO REFER TO MANUFACTURER'S INSTRUCTIONS FOR EXACT/OPTIMUM LOCATION IN DUCT.
- ANY WALL, ROOF, FLOOR, EQUIPMENT, ETC. DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR AND/OR OWNER.

GENERAL NOTES K1 NTS

- ALL BRANCH DUCTWORK SHALL BE EQUIPPED WITH A CONICAL, BELLMOUTH OR 45° TAKE OFF WITH VOLUME DAMPER. DAMPER SHALL BE STANDOFF TYPE WITH INDICATING AND LOCKING QUADRANT HANDLE. REFER TO MECHANICAL DETAILS FOR APPROVED BRANCH DUCT TAKE-OFF TYPES.
- PROVIDE OPPOSED BLADE DAMPER ADJUSTABLE FROM FACE OF AIR DEVICE. FOR ALL AIR DEVICES LOCATED IN HARD CEILINGS.
- BRANCH DUCT TAKE-OFFS ARE SHOWN DIAGRAMMATICALLY. WHERE SIDE DIMENSION OF DUCT DOES NOT ACCOMMODATE HEIGHT OF TAKE-OFF, CONTRACTOR MAY CONNECT TO BOTTOM OR TOP OF MAIN DUCT.

BRANCH DUCT NOTES K1 NTS

- CONDUIT FOR REFRIGERANT PIPING AND CONTROL WIRING RISES UP FROM BELOW GRADE INSIDE OF WALL COVER. REFER TO MECHANICAL OVERALL PLAN FOR MORE INFORMATION AND CONTINUATION OF PIPING.
- ROUTE 4" RIGID, UNLINED ELBOW AND DUCT FROM DRYER VENT UP TO GOOSENECK ON ROOF. DUCT SHALL BE GALVANIZED STEEL. PROVIDE BOOSTER FAN, MODEL DBF-110 BY FANTECH. BOOSTER FAN SHALL BE LOCATED IN SECOND FLOOR MECHANICAL ROOM. COORDINATE EXACT SIZE AND ROUTING OF DUCT WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE A MEANS FOR CLEAN OUT AT LOW POINT OF VERTICAL RISE. MAINTAIN 6 INCHES OF CLEARANCE FROM ANY COMBUSTIBLE MATERIALS.

KEYED NOTES F1 NTS

- REFG. PIPING AND CTRL. WIRING RISES UP TO MECHANICAL ROOM ABOVE.
- FIP-FLOP TRANSITION TO 8X8 PRIOR TO PENETRATING SLAB

MECHANICAL FIRST FLOOR ENLARGED PLAN - EAST



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

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CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND KNOWLEDGE OF ALL APPLICABLE REGULATIONS AND ORDINANCES.

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19039

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REVISIONS
 △ DATE: _____
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Joshua Wicks, 20191510060 FGA CPA Fire Station 17 Mechanical M2.3 Rev. M2 & M3 Enlarged Floor Plans.dwg
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