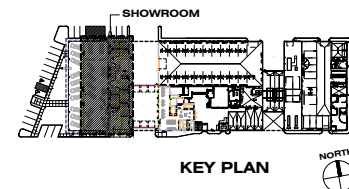


1 SHOWROOM FLOOR PLAN – MECHANICAL  
SCALE: 1/8" = 1'-0"

**NOTES THIS SHEET**

- ① SEE SHEETS M0.1-M0.3 FOR SPECIFICATIONS, LEGENDS, GENERAL NOTES, SCHEDULES AND DETAILS.
- ② RTU-1 & RTU-3: REPLACEMENT RTUS WILL BE LOCATED AT THE SAME LOCATION OF THE REMOVED EXISTING RTUS. FIELD VERIFY EXACT EXISTING RTU LOCATION.  
 • EXISTING MAIN SA DUCT & MAIN RA DUCT SHALL BE REMOVED. NEW FLAT OVAL DUCTS – DOUBLE WALL – SHALL BE PROVIDED. DUCT SIZES AS SHOWN. HUB EXACTS AS HIGH AS POSSIBLE. FIELD VERIFY EXACT LOCATIONS.  
 • EXISTING GAS PIPING TO REMAIN. RECONNECT EXISTING GAS BACK TO REPLACEMENT RTUS.  
 • RELEASE EXISTING TEST TO LOCATION AS SHOWN. FIELD VERIFY EXACT LOCATION TO AVOID CONFLICTING WITH OTHER EQUIPMENT AT THIS LOCATION.
- ③ RTU-2: REPLACEMENT RTU WILL BE LOCATED AT THE SAME LOCATION OF THE REMOVED EXISTING RTU. FIELD VERIFY EXACT EXISTING RTU LOCATION.  
 • EXISTING MAIN SA DUCT & MAIN RA DUCT SHALL BE REMOVED. NEW RECTANGULAR DUCTS (LINED) SHALL BE PROVIDED. DUCT SIZES AS SHOWN. RECONNECT EXISTING GAS BACK TO REPLACEMENT RTUS.  
 • RELEASE EXISTING TEST TO LOCATION AS SHOWN. FIELD VERIFY EXACT LOCATION TO AVOID CONFLICTING WITH OTHER EQUIPMENT AT THIS LOCATION.
- ④ DAI-1 (1.5 TONS) & DAI-2 (2 TONS): NEW 4-WAY CEILING-CASSETTE DUCTLESS AIR HANDLING UNITS, MINI SPILT/FEAT FANP.  
 a) ROUTE RS & RC LINES FROM UNIT TO NEW HEAT PUMPS (DHP-1 & DHP-2) ON ROOF. CONCEALED PIPING IN WALLS AND CEILING WHERE PRACTICAL. FIELD VERIFY EXACT ROUTING. SEE SHEET M0.3 FOR DHP-1 & DHP-2 LOCATION.  
 b) ROUTE FILL SIZE TRAPPED CONDENSATE DRAIN (CO) LINE FROM UNIT UP TO ROOF. SPILL DIRECT TO ROOF DRAIN. FIELD VERIFY EXACT ROUTING.  
 c) PROVIDE UNIT WITH CONDENSATE PUMP. MAINTAIN CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.
- ⑤ 8" O.D. DUCT AT THE RISER UP TO ROOF CAP. FIELD VERIFY EXACT ROUTING. PROVIDE MANUAL BALANCING, SET @ 30 OPM (DHP-1) AND @ 60 OPM (DHP-2).
- ⑥ FLAT OVAL SPIRAL DUCT WILL BE DOUBLE WALL – NO EXCEPTION. IF DUCT SIZES SHOWN ARE NOT AVAILABLE, THE NEXT LARGER SIZES WILL BE ACCEPTED. FIELD VERIFY EXACT DUCT LOCATION TO AVOID CONFLICTING WITH OTHER TRADES. FLAT OVAL DUCTS/RA REGISTERS WILL BE BLACK FINISH TO MATCH ROOF DECK/STRUCTURE COLOR.
- ⑦ SIDEWALL R.A. GRILLE. CENTER OF GRILLE WILL BE MOUNTED AT THE CENTER OF THE OPENING. TIGHT GRILLE TO THE UNDERSIDE OF THE ROOF STRUCTURE. GRILLE WILL BE BLACK FINISH TO MATCH ADJACENT WALL FINISH. COORDINATE WITH ARCHITECTURAL DWGS FOR EXACT WALL FINISH COLOR.
- ⑧ R.A. TRANSFER GRILLE, 6"12" A.F.F. FIELD VERIFY EXACT LOCATION.
- ⑨ UNITS IN THIS ROOM/AREA WILL BE WHITE FINISH TO MATCH CEILING COLOR.
- ⑩ UNITS IN THIS ROOM/AREA WILL BE BLACK FINISH TO MATCH CEILING COLOR.



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11.18.22

**MERCEDES-BENZ OF WEST CHESTER EVOLUTION RENOVATION**

6897 MUHLHAUSER RD  
WEST CHESTER TOWNSHIP, OH 45069

#	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	11.18.22

OWNER PROJECT CODE 22-052  
 ARCH. PROJECT # TEETER PROJECT # 22090  
 SHOWROOM FLOOR PLAN - MECHANICAL  
 SCALE:  
 SHEET # **M1.1**