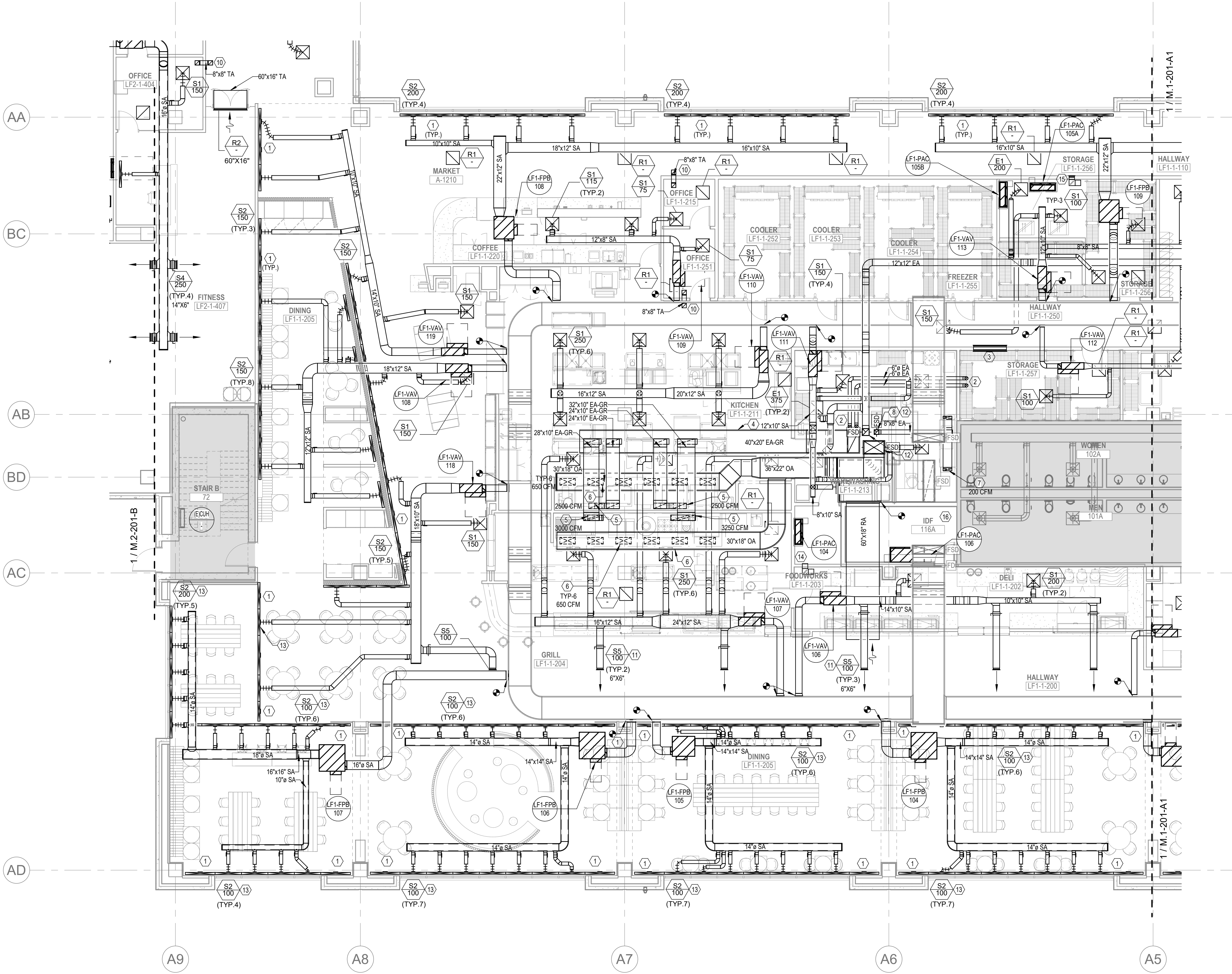


BM 360152-1 Ryan CompaniesNEW_Medtronic T1 MEP_A2.dwg



1 HVAC PLAN - BUILDING 1 - LEVEL 01 - SEGMENT A2
SCALE: 1/8" = 1'-0"

SHEET NOTES

1. PROVIDE INACTIVE SECTIONS OF CONTINUOUS LINEAR DIFFUSER TO MATCH ACTIVE SECTIONS. PROVIDE BLACK BLANK-OFF PANELS ON TOPSIDE.
2. PROVIDE 6" EXHAUST VENT FROM WATER HEATERS TO ROOF. WATER HEATER MANUFACTURER SHALL VERIFY FINAL SIZING BASED ON LINE LENGTHS, ELBOWS, ETC.
3. PROVIDE (2) 60"x24" COMBUSTION AIR INTAKE GRILLES IN SPACE. ONE GRILLE TO BE INSTALLED HIGH ON WALL, ONE GRILLE TO BE INSTALLED LOW ON WALL.
4. ALL GREASE DUCT SHALL BE WRAPPED FROM HOOD TO OUTSIDE BUILDING WITH 2-HOUR ZERO CLEARANCE DUCT WRAP. GREASE DUCT SHALL BE SLOPED TOWARD HOOD AT 1/4"/FT.
5. 22"x10" DUCT DOWN TO GREASE HOOD EXHAUST CONNECTION. BALANCE TO CFM INDICATED.
6. 28"x12" DUCT DOWN TO GREASE HOOD MAKEUP AIR CONNECTION. BALANCE TO CFM INDICATED.
7. 16"x4" STAINLESS STEEL EXHAUST DUCT DOWN TO DISHWASHER HOOD EXHAUST CONNECTION. BALANCE TO CFM INDICATED.
8. DISHWASHER EXHAUST DUCT SHALL BE STAINLESS STEEL.
10. ACOUSTICALLY LINED TRANSFER AIR BOOT. REFER TO DETAIL 01/M2-702.
11. SUPPLY GRILLE TO BE MOUNTED ON SIDE WALL OF GYP. RE: ARCH.
12. FIRESMOKE DAMPER TO BE INSTALLED AT FLOOR SLAB PENETRATION. COORDINATE FINAL SLAB OPENING DIMENSION WITH STRUCTURAL DIFFUSERS TO BE SUSPENDED AT SAME LEVEL AS CEILING IN GAP REFER TO ARCHITECTURAL RCP FOR MORE INFORMATION.
14. 10x10 TRANSFER DUCT W/ ELBOW. PROVIDE WMS ON ELEC ROOM SIDE. MOUNT AS HIGH AS POSSIBLE.
15. 10x10 TRANSFER DUCT W/ ELBOW. PROVIDE FLUSH-MOUNTED GRILLE ON CORRIDOR SIDE. MOUNT AS HIGH AS POSSIBLE.
16. IDF ROOMS ARE STACKED. LEVEL 1 THRU 5, AND HAVE 12x12 FLOOR PENETRATIONS CONNECTING THEM ALL. THIS TOTAL STACKED ROOM VOLUME IS USED IN REFRIGERANT DENSITY CALCULATION.

GENERAL NOTES

1. REFER TO SHEET M.1-00 FOR LEGENDS, GENERAL NOTES AND ABBREVIATIONS.
2. ANY DUCTWORK OVER EXPOSED CEILING AREAS SHALL HAVE INTERNAL LINER AND SHALL BE PREPARED FOR PAINTING WITH PAINTLOCK AND STICKERS REMOVED. REFER TO ARCH DRAWINGS FOR RCP INDICATING EXPOSED CEILING AREAS.
3. REFRIGERANT PIPE ROUTINGS SHOWN ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE AND DOCUMENT ALL VRF PIPING/WIRING SIZING, ROUTING AND LENGTHS W/ VRF MANUFACTURER AND VRF SYSTEM SUBMITTALS, TO ENSURE SYSTEM LIMITATIONS ARE NOT EXCEEDED AND PROPER REFRIGERANT CHARGE IS APPLIED FOR EACH SYSTEM. REFER TO SPLIT SYSTEM SCHEMATIC FOR MORE INFORMATION.
4. PROVIDE CABLE OPERATED REMOTE REGULATOR FOR ANY CRD DAMPER ABOVE INACCESSIBLE CEILING. ADJUSTMENT SHALL BE THROUGH DIFFUSER FACE.
5. MAINTAIN MINIMUM SEPARATION FROM OUTSIDE AIR INTAKES TO TERMINATIONS OF EXHAUST, COMBUSTION AIR, PLUMBING VENTS, ETC. AS REQUIRED BY CODE.
6. COORDINATE EQUIPMENT HOUSEKEEPING PAD DIMENSIONS AND LAYOUT WITH THE GENERAL CONTRACTOR BASED ON FINAL EQUIPMENT SIZES.
7. PROVIDE MANUAL BALANCE DAMPERS IN ALL SUPPLY DUCT BRANCH TAPS DOWNSTREAM OF VAV BOXES.
8. PROVIDE MANUAL BALANCE DAMPERS IN ALL EXHAUST DUCT BRANCH TAPS.
9. PROVIDE TRANSFER DUCTS IN FULL HEIGHT WALLS IN AREAS WHERE A FLENUM RETURN SYSTEM IS UTILIZED. BOOTS SHALL BE SIZED TO MAINTAIN A MAXIMUM OF 500 FPM.
10. COORDINATE SPACE TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS TO ALIGN HORIZONTALLY WITH LIGHT SWITCHES. MOUNT AT 48" AFF.
11. TEMPERATURE CONTROLS CONTRACTOR SHALL SUBMIT PLANS INDICATING ALL SPACE TEMPERATURE SENSORS, T-STATS, HUMIDITY SENSORS, ETC. AS PART OF SUBMITTAL PROCESS FOR A/E REVIEW PRIOR TO ROUGH IN FOR REVIEW.
12. PROVIDE INSULATED BASEPLATES FOR T-STATS LOCATED ON EXTERIOR WALLS.

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△	Date	Description
	11/20/2020	ISSUE FOR SCHEMATIC DESIGN
	02/26/2021	ISSUE FOR DESIGN DEVELOPMENT
	05/21/2021	ISSUE FOR PERMIT & CONSTRUCTION

Seal / Signature



Project Name	MEDTRONIC
Project Number	003.7799.000
Scale	1/8" = 1'-0"
Description	HVAC PLAN - BUILDING 1 - LEVEL 1 - SEGMENT A2

M.1-201-A2