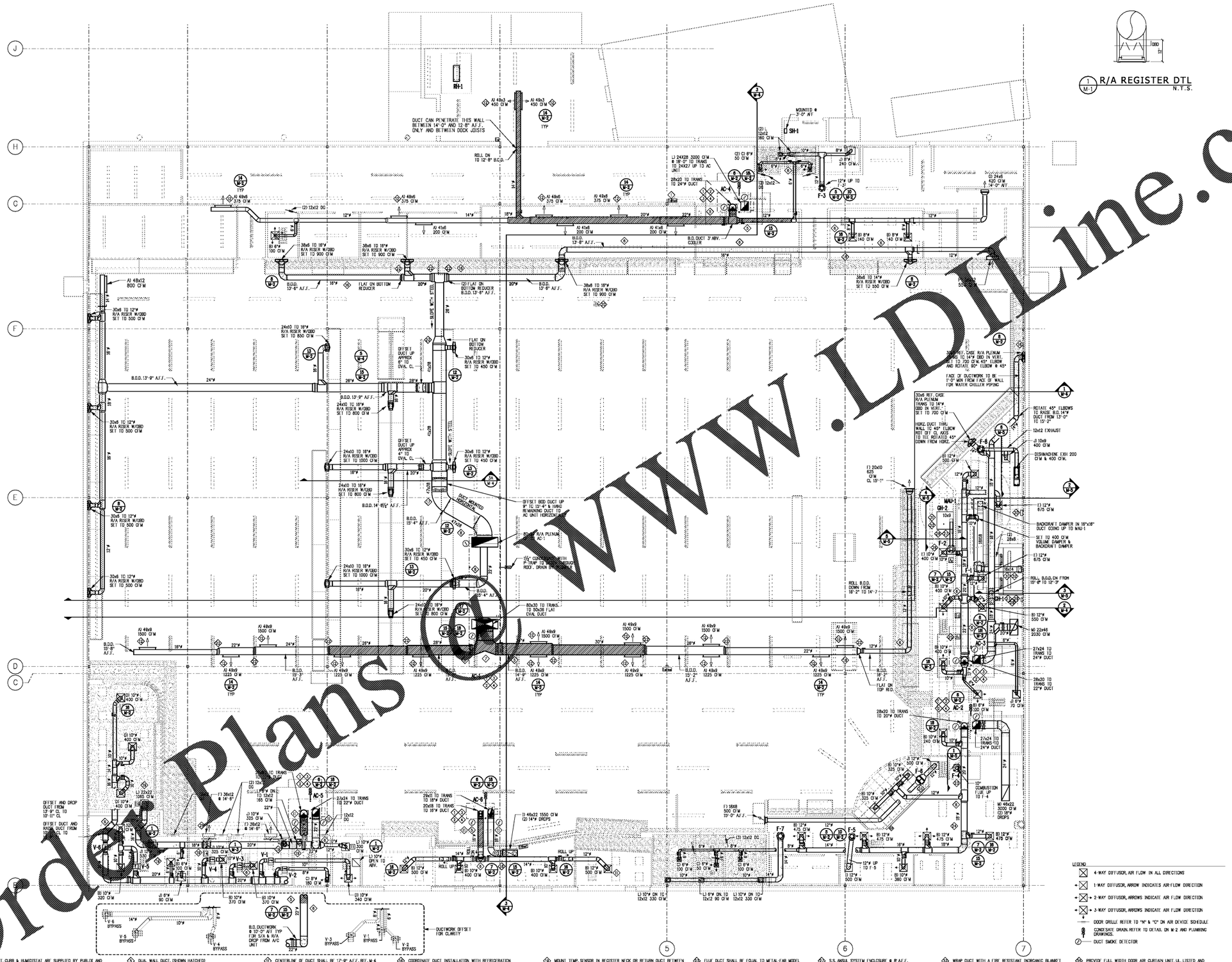

1. UNIT, CURB & HUMIDISTAT ARE SUPPLIED BY PUBLIX AND INSTALLED BY MECHANICAL CONTRACTOR. REF CURB DETAIL M-2
2. FURNISH AND INSTALL FLEXIBLE CONNECTIONS IN DUCT RISER TO RTU.
3. PROVIDE ACCESS DOOR FOR DUCT SMOKE DETECTOR AS REQUIRED. SIZE AND LOCATE DOOR TO ALLOW FOR MAINT. ACCESS TO THE SMOKE DETECTORS SENSING PROBE.
4. SUPPORT DUCT RISER TO THE RTU USING THE ROOF SUPPORT SYSTEM. SEE DUCT HANGER DETAIL ON SHEET M-2.
5. DUAL WALL DUCT. (SHOWN HATCHED)
6. DUCT WRAP INSULATION WHEN IN ENCLOSED AREAS (e.g. DELI, BAKERY, OFFICES) REFER TO M-2 DETAIL 7
7. BULLHEAD TEE WITH TURNING VANES OR STREAMLINED TEE.
8. BOTTOM OF DUCT (B.O.D.) ELEVATION SHALL BE 15'-4" A.F.F. REFER TO M-4 FOR FURTHER DUCT ELEVATIONS
9. CENTERLINE OF DUCT SHALL BE 19'-10" A.F.F. REF. M-4
10. B.O.D. SHALL BE 19'-11" A.F.F. REF. M-4
11. CENTERLINE OF DUCT SHALL BE 17'-9" A.F.F. REF. M-4
12. SIDEWALL REGISTER SHALL BE SET TO THROW AIR PARALLEL WITH THE FLOOR.
13. NOT USED
14. HOT WATER RECLAIM PIPING FROM MECHANICAL CENTER, BY REFRIGERATION CONTRACTOR. SEE REFRIGERATION PLAN, M-4.
15. INLINE FAN SHALL BE MOUNTED @ 17'-0", PROVIDE 12"Ø TO 10"(22.5")Ø x 6x5(9") TO 12"Ø TRANSITIONS.
16. COORDINATE DUCT INSTALLATION WITH REFRIGERATION CONTRACTOR AND CARPENTER SO AS TO AVOID REFRIGERATION PIPING.
17. ROUTE R/A DUCT CENTERED HOLDING DUCT TIGHT TO BOTTOM OF JOISTS. COORDINATE DUCT INSTALLATION WITH ELECTRICAL CONTRACTOR AND CARPENTER SO AS TO AVOID LIGHTS AND ARCHITECTURAL SIGNAGE ON THE BACK WALL.
18. DUCT SHALL HANG TIGHT TO BOTTOM OF SUPPORTING STRUCTURE AT THIS LOCATION.
19. MOUNT TEMP. SENSOR IN REGISTER NECK OR RETURN DUCT BETWEEN THE REGISTER AND RETURN GRILLE. REFER TO M-2 DETAIL 1
20. CA SENSOR LOCATION AND MOUNTING BY OTHERS.
21. MOUNT TRANSFER AIR REGISTER 14'-6" A.F.F. PROVIDE A RD. TO RECT. TRANS. & 30X12 "S" AIR DEVICE CONNECTED TO BYPASS PLENUM (UNLESS OTHERWISE NOTED).
22. ECCENTRIC REDUCER
23. FLUE DUCT SHALL BE EQUAL TO METAL-FAB MODEL PXC PRESSURE INDUSTRIAL CHIMNEY. EXPOSED FLUE PIPE BETWEEN OVEN AND CEILING SHALL HAVE A STAINLESS STEEL EXTERIOR.
24. B.O.D. SHALL BE 12'-0" A.F.F.
25. ANSUL PULL STATION FOR CH-1. LABEL "FIRE EXTINGUISHER - CH-1".
26. ANSUL PULL STATION FOR CH-2. LABEL "FIRE EXTINGUISHER - CH-2".
27. S.S. ANSUL SYSTEM ENCLOSURE @ 8' A.F.F.
28. SEE HVAC HOOD ELEV. AND DETAILS FOR MORE INFO.
29. FIRE SUPPRESSION SYSTEM TO BE PRE-ENGINEERED TO MEET THE REQUIREMENTS OF UL-300 AND NFPA-17A.
30. HOOD'S UTILITY CABINET WILL HOUSE MELINK'S INTELLI-HOOD CONTROLLER.
31. MELINK REMOTE CONTROLLER KEYPAD. SEE SHT. E-3 FOR MOUNTING HEIGHT.
32. EXHAUST DUCT SHALL BE 16 GA. GALVANIZED STEEL ALL WELDED WITH FLANGE AT THE TOP.
33. WRAP DUCT WITH A FIRE RESISTANT INORGANIC BLANKET ENCAPSULATED WITH A SCRIM REINFORCED FOIL TO ACHIEVE ZERO CLEARANCE TO COMBUSTIBLES. REFER TO DETAIL 3/M-2
34. NOT USED
35. CABLE SIDE BRACING WHERE SEISMIC RESTRAINTS ARE REQUIRED.
    TR TRANSVERSE BRACING - 2 OPPOSING 1/2" CABLES
    LG LONGITUDINAL BRACING - 2 OPPOSING 1/2" CABLES
36. PROVIDE FULL WIDTH DOOR AIR CURTAIN UNIT, UL LISTED AND NSF CERTIFIED DESIGNED TO CONTROL INCURSION OF FLYING INSECTS. THE UNIT SHALL HAVE SELF-CONTAINED ONE PIECE MOLDED HIGH DENSITY POLYETHYLENE CHASSIS, CONTINUOUS HEAVY DUTY DIRECT DRIVE MOTOR WITH THERMAL OVERLOAD SWITCH AND PERMANENTLY LUBRICATED SS BEARINGS, DOUBLE EXTENDED DROP SHAFT, CENTRIFUGAL FANS WITH HOUSING, FILTER, AND DISCHARGE NOZZLE WITH ADJUSTABLE AIR DEFLECTORS. HOUSING SHALL BE OF SUFFICIENT STRENGHT TO BE SUPPORTED FROM BOTH ENDS WITHOUT INTERMEDIATE SUPPORTS.
37. PROVIDE AIR CURTAIN WITH DOOR MICRO SWITCH. AIR CURTAIN SHALL ACTIVATE WHEN DOORS ARE OPEN.

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REVISION DATA:

1637
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45.9.2
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SIENNA - LITE

HVAC FLOOR PLAN

SCALE: 1/8" = 1'-0"

M-1