



| LEGEND | NOTES |
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| SUPPLY AIR | 1 - ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC. |
| RETURN / EXHAUST AIR | 2 - SEE ALL OTHER DRAWINGS AND WALGREENS SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK. |
| TEE - TURNING VANES AND ADJUSTABLE SPLITTER DAMPER | 3 - PROVIDE BURGLAR PROOFING IN ALL OPENINGS GOING THRU ROOF OR WALL (12"x12" OR LARGER, EXCEPT SCOUTLES). SEE DETAIL 5/M2.1. |
| ELBOW - TURNING VANES | 4 - ALL FRESH AIR INTAKES ON ROOF SHALL BE LOCATED A MINIMUM OF 10' AWAY FROM ANY EXHAUST DUCT, BLOWER DISCHARGE, PLUMBING VENT, ETC. |
| MANUAL DAMPER | 5 - HVAC ROOF-TOP UNIT TO INCLUDE FLEXIBLE CONNECTIONS, TURN VANES, AND VIBRATION ELIMINATORS OUTSIDE AIR INTAKE TO BE EQUIPPED FOR A MINIMUM OF 100% OUTSIDE AIR FOR ECONOMIZER SYSTEMS. |
| FIRE DAMPER (RE: SPEC. SECTION 15840) | 6 - ALL DUCTWORK TO BE GALVANIZED SHEET METAL. (LINED DUCTWORK WILL NOT BE ACCEPTED) |
| MOTOR (SEE SCHEDULE ON DRAWING M2.1) | 7 - ALL HVAC SUPPLY AND RETURN AIR DUCTS SHALL HAVE 1 1/2" EXTERNAL INSULATION. (OR MORE IF CODE REQUIRES) |
| THERMOSTAT (MOUNT 5'-0" UP) SEE CONTROL DIAGRAM, DRAWING M2.2. | 8 - EACH HVAC UNIT TO HAVE ITS OWN CONTROLS. SEE DRAWING M2.2 FOR HVAC CONTROL WIRING DIAGRAM. |
| SENSOR FOR HONEYWELL THERMOSTAT (T7300). SEE CONTROL DIAGRAM, DWG.M2.2. (MOUNT 5'-0" UP) | 9 - PROVIDE CONDENSATE DRAIN (CD) WITH TRAP WITH EACH HVAC UNIT. PIPE DOWN THRU ROOF WITHIN CURB, CONNECT INTO CD LINE ABOVE CEILING. INSULATE ALL CONDENSATE LINES, SIMILAR TO DOMESTIC COLD WATER PIPING. |
| CAD CONCENTRIC AIR DIFFUSER AND BOX SHALL BE MICRO METL 1013 SERIES OR APPROVED EQUAL. MODEL BOX TOP AT UNDERSIDE OF BAR JOIST. | 10 - ALL HVAC SYSTEMS TO BE BALANCED (BY AN INDEPENDENT CERTIFIED AIR BALANCE CONTRACTOR WITH A MINIMUM OF 5 YEARS EXPERIENCE) AFTER COMPLETION OF WORK. |
| CFM CUBIC FEET PER MINUTE | 11 - NOT USED |
| EF EXHAUST FAN | 12 - PROVIDE FLUE TO ROOF (WITH WEATHER CAP) FOR GAS FIRED WATER HEATER (IF APPLICABLE). SEE DETAIL 3/P2.1. |
| EH ENTRANCE HEATER | 13 - EQUIPMENT MANUFACTURER SHALL PROVIDE ON EACH NEW WALGREEN STORE FACTORY SUPERVISED "CHECK TEST & START" SERVICE UTILIZING STANDARD WALGREEN FORMS AS PROVIDED BY FACILITIES PLANNING AND DESIGN DEPARTMENT. HVAC CONTRACTOR SHALL VERIFY COMPLIANCE WITH PLANS AND SPECIFICATIONS AND SHALL FORWARD TO THE WALGREEN COMPLETE D.I.S FORMS, ALONG WITH THREE COPIES SERVICE AND INSTALLATION MANUALS, PARTS LIST AND ALL OTHER WARRANTIES. SUBMITTALS SHALL BE IN BOOK FORM AND APPLICABLE TO ACTUAL EQUIPMENT INSTALLED. |
| EWH ELECTRIC WALL HEATER | 14 - HVAC UNITS MUST BE INSTALLED LEVEL ON ROOF. |
| EAD SUPPLY AIR DIFFUSER (SEE DETAIL 1/M2.1); CFM AND SIZE AS NOTED. | 15 - THERMOSTAT SENSOR WIRING TO BE RUN INSIDE PIPE COLUMNS. |
| SAG SUPPLY AIR GRILLE (SEE DETAIL 2/M2.1). CFM AND SIZE AS NOTED. | 16 - DO NOT INSTALL SUPPLY AIR DIFFUSERS IN CEILING PANEL ADJACENT TO ROW OF LIGHT FIXTURES. COORDINATE DIFFUSERS WITH REFLECTED CEILING PLAN ON DWG. A1.2. |
| SF SUPPLY FAN | 17 - FLEXIBLE DUCT LENGTH NOT TO EXCEED A MAXIMUM OF 7'-0". |
| RAG RETURN AIR GRILLE (SEE DETAIL 3/M2.1). CFM AND SIZE AS NOTED. | 18 - SUPPLY AND/OR RETURN AIR CEILING PLENUMS WILL NOT BE ACCEPTED. |
| RTU ROOF TOP UNIT | 19 - DO NOT INSTALL UNIT HEATER ABOVE STOCK ROOM SHELVING. |
| UH UNIT HEATER | 20 - ELECTRIC WALL HEATERS (EWH) AND ELECTRIC UNIT HEATERS (EUH) ARE INFORMATION ONLY. |
| | 21 - GAS PIPING SHALL BE RUN ABOVE CEILING, (OUT THRU ROOF, WITHIN UNIT CURB). PROVIDE SHUT-OFF VALVE AT EACH PIECE OF EQUIPMENT (SEE BELOW ROOF FOR RTUs). |

| MECHANICAL KEYED NOTES | |
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| 1 HVAC ROOF-TOP UNIT. SEE GENERAL NOTES (ABOVE) AND SCHEDULE ON DRAWING M2.1 FOR ADDITIONAL INFORMATION. | 18 ELECTRIC WALL HEATER (EWH) FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE DRAWING E1.2 FOR FURTHER INFORMATION. |
| 2 S.A.D. (TYPE "A"). CFM AND SIZE AS NOTED. SEE SCHEDULE AND DETAIL #1 ON SHEET M2.1 | 19 NOT USED. |
| 3 S.A.D. (TYPE "C"). MOUNT AT GYP. BOARD CEILING. CFM AND SIZE AS NOTED. SEE DETAIL #1 AND GRILLE SCHEDULE ON SHEET M2.1. | 20 NOT USED. |
| 4 S.A.D. (TYPE "C"). THERMALLY POWERED VARIABLE AIR VOLUME (VAV) DIFFUSER. "AQUATHERM THERMA-FUSER HC OR KRAEGER VARIFUSER AWP" SERIES. CFM AND SIZE AS NOTED. | 21 NOT USED. |
| 5 S.A.G. (TYPE "G"). CFM AND SIZE AS NOTED. SEE SCHEDULE AND DETAIL #2 ON SHEET M2.1. | 22 12/12 DUCT FROM 750 CFM EXHAUST GRILLE TO EXHAUST FAN ON ROOF. TRANSITION AS REQ'D. SEE SCHEDULE AND DETAIL #4 ON SHEET M2.1. |
| 6 R.A.G. (TYPE "G"). CFM AND SIZE AS NOTED. SEE SCHEDULE AND DETAIL #3 ON SHEET M2.1. | 23 12/6 DUCT FROM EXHAUST FAN UP TO VENTILATOR ON ROOF. TRANSITIONS AS REQ'D. SEE VENTILATOR DETAIL 7/M2.1. |
| 7 THERMOSTAT 5'-0" AFF FOR HEATING AND COOLING. SEE SHEET M2.2 FOR DETAILS AND PROGRAMMING. | 24 ALL OPENINGS 12"x12" AND LARGER THROUGH ROOF OR WALLS SHALL BE EQUIPPED WITH BURGLAR BARS. SEE DETAIL 5/M2.1. |
| 8 THERMOSTAT 5'-0" AFF FOR HEATING ONLY. SEE SHEET M2.2 FOR DETAILS AND PROGRAMMING. | 25 10/10 DUCT FROM 300 CFM 12x12 EXHAUST GRILLE TO EXHAUST FAN ON ROOF. TRANSITION AS REQUIRED. SEE SCHEDULE AND DETAIL #4 ON SHEET M2.1. |
| 9 NOT USED. | 26 R.A.G. (TYPE "D"). CFM AND SIZE AS NOTED. SEE SCHEDULE AND DETAIL #3 ON SHEET M2.1. |
| 10 INSTALL SMOKE DETECTOR IN AIR STREAM. DETECTOR FURNISHED BY ELECTRICAL CONTRACTOR. | 27 R.A.G. (TYPE "F"). CFM AND SIZE AS NOTED. SEE SCHEDULE ON SHEET M2.1. |
| 11 GAS FIRED, POWER VENTED UNIT HEATER (SEE SCHEDULE DWG. M2.1). BOTTOM 12'-0" UP THERMOSTAT MOUNTED 5'-0" UP ON WALL (SET AT 68°F). PROVIDE 4" FLUE TO ROOF WITH WEATHER CAP. SEE DETAIL 14/M2.1. | 28 S.A.D. (TYPE "C"). CFM AND SIZE AS NOTED. SEE SCHEDULE AND DETAIL #1 ON SHEET M2.1. |
| 12 ROOF-TOP CONDENSING UNIT FOR WALK-IN COOLER/FREEZER. SEE DETAIL 8/M2.1 FOR ADDITIONAL INFORMATION. | |
| 13 PIPE PORTAL FOR WALK-IN COOLER/FREEZER CONDENSING UNIT REFRIGERANT AND ELECTRICAL LINES. SEE DETAIL 6/M2.1 | |
| 14 EXHAUST FAN (WITH BACK DRAFT DAMPER), WITH EXHAUST DUCT UP THROUGH ROOF TO VENTILATOR HOOD. TRANSITION FROM EXHAUST DUCT TO EXHAUST FAN AS REQUIRED, CFM AS NOTED ON SCHEDULE. SHEET M2.1. | |
| 15 ADJUST FRONT HORIZONTAL BARS TO AN ANGLE OF 45° SO THAT THE AIR FLOWS AWAY FROM THE WINDOW. THIS IS TO HELP PREVENT CONDENSATION ON THE GLASS IN HOT, HUMID CLIMATE CONDITIONS. | |
| 16 THERMOSTATIC REMOTE SENSOR MOUNTED 6'-0" AFF. PROVIDE STAINLESS STEEL COVER (RE: ARCHITECTURAL DWGS.) ROUTE WIRING WITHIN COLUMN (OR WALL). SEE DETAIL 13/M2.1. | |
| 17 ROOF-TOP ENCLOSED BLOWER/ENTRANCE HEATER. INCLUDE VIBRATION ELIMINATORS AND FLEXIBLE CONNECTIONS. TAKE RETURN AIR WITH SENSOR AT ENTRANCE AND THERMOSTAT IN OFFICE. SEE SCHEDULE FOR ADDITIONAL INFORMATION. | |

Walgreens
Matlock & Mayfield
Arlington, Texas

Development of
SUNCOR OF TEXAS, LTD.
20701 Kingsland Blvd.
Suite 108A
Katy, Texas 77450
(713) 492-7477

Levinson Associates, Inc.
Architecture • Planning • Interior Design
One Greenway Plaza
Suite 850
Houston, Texas 77046
(713) 850-7660

REVISIONS

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|---------|----------------------------------|
| 4-10-98 | REVISIONS FOR CONSTRUCTION |
| 4-24-98 | ADDED FIRE DAMPERS |
| 6-12-98 | CRITERIA UPGRADE <i>DM-79/96</i> |



LU Project No. 95182.000
Walgreen Store Number 03909
Issued for Permit
Issued for Bidding
Issued for Construction

M1.1
Mechanical
Floor Plan

R.H. George and Associates, Inc.
Consulting Engineering
8700 Jorndal, Suite 150
Houston, Texas 77040 (713) 690-6300

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