

**NOTES:**

1. THE HVAC SYSTEM CONSISTS OF TWO (2) NEW 10-TON SPLIT SYSTEMS, AS SHOWN. SEE SCHEDULE FOR DETAILS.
2. SMOKE DETECTORS SHALL BE INSTALLED IN SUPPLY TRUNK LINES CARRYING 2,000 CFM OR MORE, DOWNSTREAM OF ANY FILTERS, FAN MOTORS, AND OUTDOOR AIR CONNECTIONS; AND UPSTREAM OF ANY BRANCH CONNECTIONS OR DECONTAMINATION EQUIPMENT AND APPLIANCES. THESE SMOKE DETECTORS SHALL SHUT OFF ALL AHU FANS UPON THE DETECTION OF SMOKE.
3. CONDENSATION DRAIN LINES FROM THE AHU'S SHALL BE RUN TO TERMINATE OUTSIDE

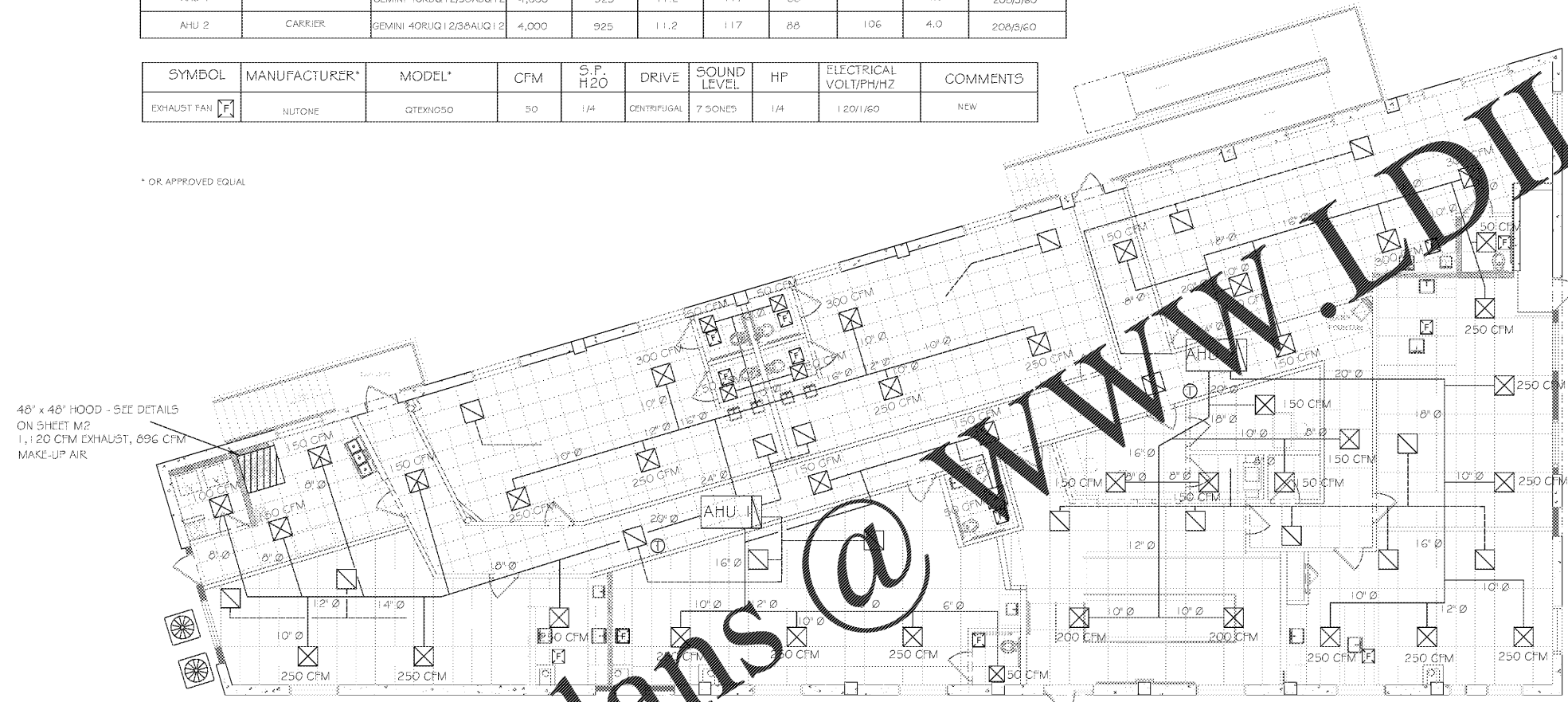
**DEMO NOTES:**

REMOVE AND DISCARD ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, AND WIRING.  
 CAP OFF ALL GAS LINES.  
 COORDINATE LOCATION OF NEW HVAC CONDENSERS WITH OWNER.

MECHANICAL SCHEDULE										
SYMBOL	MANUFACTURER*	MODEL*	CFM	OUTSIDE AIR	EER	COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL VOLT/PH/Hz
						NET MBH	SENS. MBH	NET MBH	KW (TOTAL)	
AHU 1	CARRIER	GEMINI 40RUQ 1 2/3 8AUC 1 2	4,000	925	11.2	117	88	106	4.0	208/3/60
AHU 2	CARRIER	GEMINI 40RUQ 1 2/3 8AUC 1 2	4,000	925	11.2	117	88	106	4.0	208/3/60

SYMBOL	MANUFACTURER*	MODEL*	CFM	S.P. H2O	DRIVE	SOUND LEVEL	HP	ELECTRICAL VOLT/PH/Hz	COMMENTS
EXHAUST FAN [F]	HILTI	QTEKNOSO	50	1/4	CENTRIFUGAL	7 SONES	1/4	120/1/60	NEW

\* OR APPROVED EQUAL



**MECHANICAL LEGEND & SPECIFICATIONS**

- ☒ SUPPLY REGISTER, 24" x 24" TITUS MODEL TMSA, OR APPROVED EQUAL, WITH 5PIN CONNECTOR
- ☐ RETURN GRILLE, TITUS 50F EGG CRATE 24" x 24", OR APPROVED EQUAL.
- ⊙ PROGRAMMABLE THERMOSTAT, HONEYWELL 5300 OR EQUAL, 48" - 60" A.F.F.
- [F] EXHAUST FAN - SEE SPECIFICATIONS ON SCHEDULE BELOW. MECHANICALLY VENTED TO THE OUTSIDE. NOTE LOCATIONS OF EXHAUST FANS ABOVE CHANGING TABLES IN CLASSROOMS.

MECHANICAL PLAN  
 M-1 SCALE: 1/32" = 1'-0"

Order Plans @ www.LDILine.com

<p><b>NOTICE TO THE CONTRACTOR:</b></p> <p>THESE DOCUMENTS ARE THE PROPERTY OF THE ARCHITECT. THEY ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REPRODUCTION OR TRANSMISSION OF THESE DOCUMENTS WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS PROHIBITED.</p> <p><b>NOTICE TO THE CONTRACTOR:</b></p> <p>THESE DOCUMENTS DEFINE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revisions / Submissions</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Date	Revisions / Submissions																												<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><b>SHEET TITLE</b></td> <td style="text-align: center;">MECHANICAL PLAN</td> </tr> <tr> <td><b>PROJECT NAME</b></td> <td style="text-align: center;">CREEK STONE ACADEMY CHILDCARE CENTER</td> </tr> <tr> <td></td> <td style="text-align: center;">2465 MEMORIAL DRIVE ATLANTA, GA 30317 (DEKALB COUNTY)</td> </tr> </table>	<b>SHEET TITLE</b>	MECHANICAL PLAN	<b>PROJECT NAME</b>	CREEK STONE ACADEMY CHILDCARE CENTER		2465 MEMORIAL DRIVE ATLANTA, GA 30317 (DEKALB COUNTY)	<p><b>STAMP</b></p> <div style="text-align: center;">  <p>ISSUED FOR CONSTRUCTION</p> </div>	<p><b>ISSUE DATE:</b> FEB 2019  <b>PROJECT:</b> CREEK STONE  <b>DRAWN:</b> TEAM</p> <p><b>SHEET No.:</b></p> <h1 style="text-align: center; font-size: 24px;">M1</h1>
No.	Date	Revisions / Submissions																																						
<b>SHEET TITLE</b>	MECHANICAL PLAN																																							
<b>PROJECT NAME</b>	CREEK STONE ACADEMY CHILDCARE CENTER																																							
	2465 MEMORIAL DRIVE ATLANTA, GA 30317 (DEKALB COUNTY)																																							