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PRE-CHECKED SET NAME

**24'x40' THRU 120'x40'  
HIGH PITCH MODULAR  
BUILDINGS**

SITE SPECIFIC PROJECT NAME

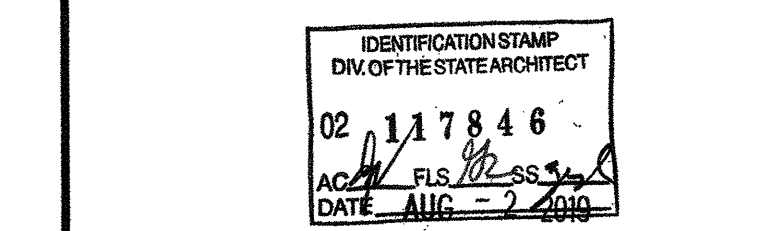
SHEET TITLE  
**TYPICAL MECHANICAL  
PLAN**

MANUFACTURER PROFESSIONAL OF RECORD ON PC



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.

PROJECT SPECIFIC STATE AGENCY APPROVAL



ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-115726

**PRE-CHECK (PC) DOCUMENT**  
CODE: 2018 CBC  
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

REVISIONS

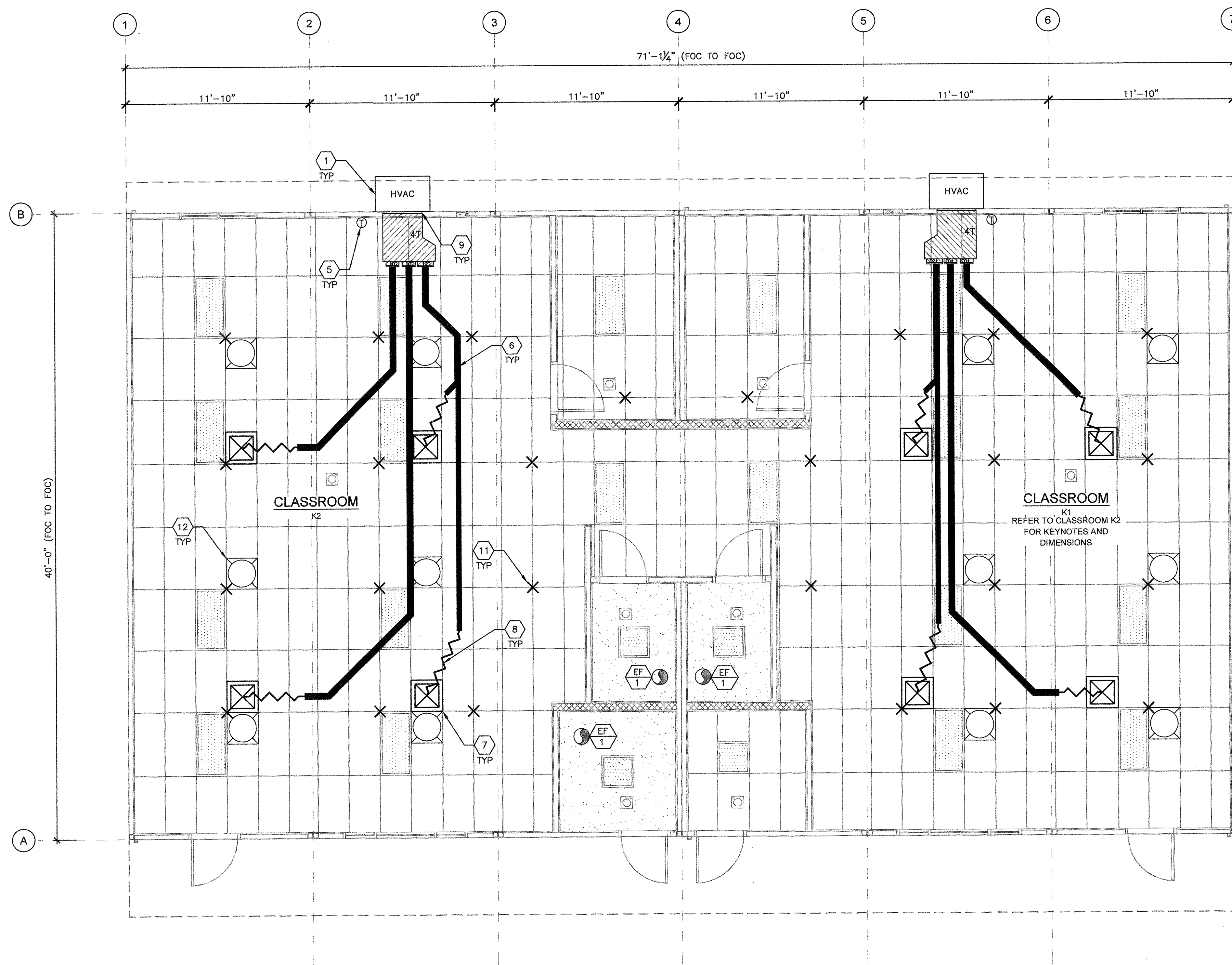

DRAWN BY: AH

SCALE: AS NOTED

DATE: 06/20/19

SHEET NUMBER

**M1.1D-02**



**KINDER BUILDING 4 MECHANICAL FLOOR PLAN**

SCALE: 1/4"=1'-0" 1

MARK	DESCRIPTION	CFM	WATTS	S.P.	VOLT/PH	
EF 1	EXHAUST FAN	110	47.3	.10"	120-19	NUTONE AN110 CEILING MOUNTED 180W INPUT 10 LBS (OR EQUAL)

- NOTES:**
- VENT EXHAUST FAN THROUGH ROOF.
  - FANS MUST WEIGH LESS THAN 75 LBS.

**EXHAUST FAN SCHEDULE**

- WHERE TWO OR MORE HVAC UNITS SERVE A COMMON SPACE, UNITS SHALL BE EQUIPPED WITH A DUCT SMOKE DETECTOR FOR AUTOMATIC SHUTDOWN. INTERCONNECT WITH FIRE ALARM SYSTEM.
- AIR-MOVING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CUBIC FEET PER MINUTE TO ENCLOSED SPACES WITHIN THE BUILDING SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF.
- AUTOMATIC SHUT-OFF IS NOT REQUIRED WHEN OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE A DIRECT EXIT TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEED 100 FT. (PER C.M.C. 608.1 EXCEPTION #2.)
- LIGHTING FIXTURE MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T-GRID.
- FOR T-BAR CEILING SPECIFICATIONS, SEE M1.7.

**SHEET NOTES**

- WALL HUNG HVAC UNIT - SEE 10/M1.4.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- THERMOSTAT - (N.I.C.) 48" A.F.F. MAX TO TOP OF BOX
- CONCEALED SUPPLY AIR DUCT ABOVE T-BAR CEILING - SEE 1/M1.4.
- TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE MAY VARY PER CEILING LAYOUT AND BUILDING SIZE - SEE 7/M1.5.
- FLEX DUCT - NOMINAL 10" MIN. (MAY VARY) - SEE 8/M1.5.
- RETURN AIR AS PART OF UNIT.
- NOT USED
- STRUT/SPLAY WIRE ASSEMBLY, SEE 2/M1.4 FOR DETAILS
- SOLA-TUBE - SEE DETAIL 1/M1.6

**KEY NOTES**

BUILDING SIZE (FT)	TOTAL # OF 12' WIDE MODULES	TOTAL # OF CENTER MODULES	OVERALL SIZE <sup>1</sup>
24'x40'	2	0	23'-6 1/2"
36'x40'	3	1	35'-6 1/2"
48'x40'	4	2	47'-4 1/2"
60'x40'	5	3	59'-3"
72'x40'	6	4	71'-1 1/2"
84'x40'	7	5	82'-1 1/2"
96'x40'	8	6	94'-9 1/2"
108'x40'	9	7	106'-8"
120'x40'	10	8	118'-8 1/2"

- NOTES:**
- TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULE CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS S1.0, S1.1, S1.2 & S1.3.

**BUILDING SIZE SCHEDULE**