

ABBREVIATIONS

SYMBOLS (AS APPLICABLE)

GENERAL NOTES

Table of abbreviations with columns for symbol, abbreviation, and description. Includes categories like Architect/Engineer, Gauge, Return Air, and various mechanical components.

Table of symbols with columns for symbol, description, and applicable details. Includes sections for Annotation, Piping, Air Terminals, VAV Box, and Valves.

Table of general notes with numbered list items. Includes notes on ductwork, piping, room thermostats, and equipment specifications.

Revisions table with columns for revision number, description, and date.

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Stamp and Signature area for the architect/engineer.

ARCHITECT/ENGINEERS: KPA GROUP. THE KPA GROUP. Includes address, phone number, and website.

Drawing Title: MECHANICAL SYMBOLS, NOTES AND ABBREVIATIONS. Approved Project Director: VAPAHCS PLANNING AND ENGINEERING.

Project Title: ESTABLISH SUNNYVALE R AND D CAMPUS. Location: 1080 INNOVATION WAY, SUNNYVALE, CA 94085. Date: 4/30/2017. Checked: PWP. Drawn: KPA TEAM. Dwg. of: MO01.

Office of Construction and Facilities Management. VAPAHCS logo.

FULLY SPRINKLERED

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

AIR DEVICE SCHEDULE (SUPPLY) table with columns: MARK, TYPE, AIR FLOW (MIN, MAX), MAX APD, MOUNTING, PANEL/FRAME SIZE, NECK SIZE, NC, DAMPER, FINISH, REMARKS. Includes rows SD-11 to SD-67.

NOTES  
1. SEE FLOOR PLAN FOR THROW PATTERN.  
2. SEE DETAIL FOR DAMPER IN BRANCH DUCT SERVING EACH DIFFUSER.  
3. PROVIDE SQUARE TO ROUND ADAPTER.

AIR DEVICE SCHEDULE (RETURN) table with columns: MARK, TYPE, AIR FLOW (MIN, MAX), MAX APD, MOUNTING, PANEL/FRAME SIZE, NECK SIZE, NC, DAMPER, FINISH, REMARKS. Includes rows RG-21 to RG-67.

NOTE  
PROVIDE SQUARE TO ROUND ADAPTER.

AIR DEVICE SCHEDULE (LINEAR) table with columns: MARK, TYPE, AIR FLOW (MIN, MAX), MAX APD, MIN THROW, MAX THROW, # OF SLOTS, SLOT WIDTH, PANEL/FRAME SIZE, NECK SIZE, THROW PATTERN, THROW TYPE, NC, DAMPER, FINISH, REMARKS. Includes rows SD-31 to SD-318.

NOTES  
1. SEE DETAIL FOR DAMPER IN BRANCH DUCT SERVING EACH DIFFUSER.  
2. PROVIDE COLLAR AND TRANSITION AS REQUIRED.

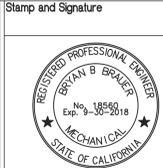
AIR TERMINAL UNIT SIZING SCHEDULE table with columns: SIZE, MIN ALLOWABLE AIR FLOW, MAX ALLOWABLE AIR FLOW, DUCT INLET SIZE, MAX APD, MAXIMUM SOUND POWER LEVEL, HOT WATER HEATING COIL (EAT, EWT, FLOW, MAX WPD, PIPE RUNOUT SIZE TO COIL), REMARKS. Includes rows A to J.

NOTES  
1. INLET STATIC BASED ON ARI 885-98.  
2. THIS SCHEDULE IS USED WITH THE TERMINAL UNIT SCHEDULE.  
3. CONTROL SEQUENCE SHALL BE AS INDICATED ON THE AIR TERMINAL UNIT SCHEDULE.  
4. PROVIDE SOUND ATTENUATION AFTER SECTION AS REQUIRED TO MEET ROOM NC LEVEL.

HVAC DESIGN DATA table with columns: DESIGN CONDITIONS, SUMMER (TEMP, WET BULB TEMP, % HUMIDITY), WINTER (TEMP, DEWPOINT TEMP, % HUMIDITY). Includes outdoor and indoor area design conditions.

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MECHANICAL SCHEDULES  
Approved Project Director  
VAPAHCS PLANNING AND ENGINEERING

Project Title  
ESTABLISH SUNNYVALE R AND D CAMPUS  
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Date  
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Dwg. of  
M002

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