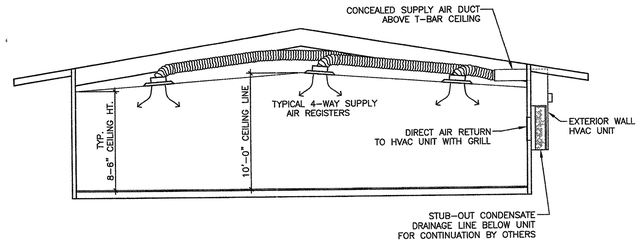
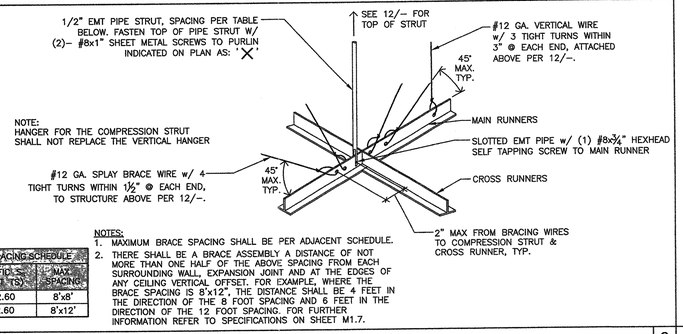
AGENCY TRACKING NO. 63321-356
FILE NO. 15-5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120240
AC. FLS SS
DATE JAN 0 2 2020



TYPICAL MECHANICAL SECTION — SCALE 3/16" = 1'-0" — 1

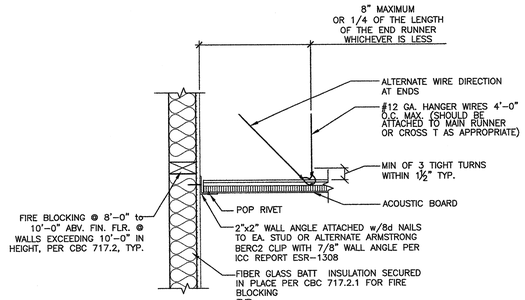


NOTES:
1. MAXIMUM BRACE SPACING SHALL BE PER ADJACENT SCHEDULE.
2. THERE SHALL BE A BRACE ASSEMBLY A DISTANCE OF NOT MORE THAN ONE HALF OF THE ABOVE SPACING FROM EACH SURROUNDING WALL, EXPANSION JOINT AND AT THE EDGES OF ANY CEILING VERTICAL OFFSET. FOR EXAMPLE, WHERE THE BRACE SPACING IS 8'x12', THE DISTANCE SHALL BE 4 FEET IN THE DIRECTION OF THE 8 FOOT SPACING AND 6 FEET IN THE DIRECTION OF THE 12 FOOT SPACING. FOR FURTHER INFORMATION REFER TO SPECIFICATIONS ON SHEET M1.7.

BRACE SPACING SCHEDULE

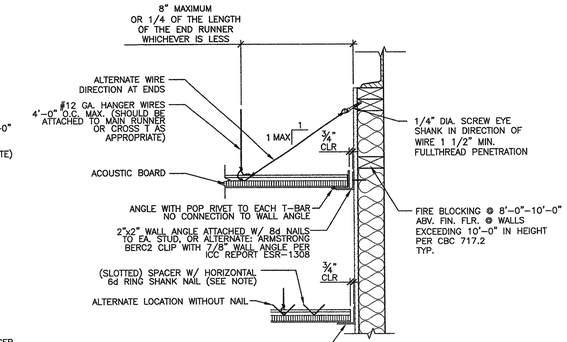
SITE SPECIFIC "S" VALUE (SHEET S1)	MAX. SPACING
☐ $S_s \geq 2.60$	8'x8'
☒ $S_s < 2.60$	8'x12'

STRUT/SPLAY WIRE ASSEMBLY DETAIL — NOT TO SCALE — 2

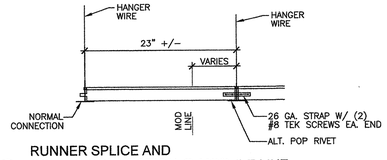


A FIXED END

NOTE: NAILS AT THE END OF HORIZONTAL STRUTS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTERLINE OF SPAN OF STRUT.

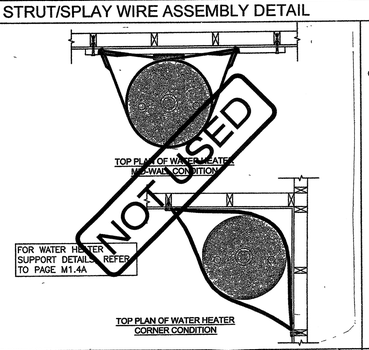


B FREE END

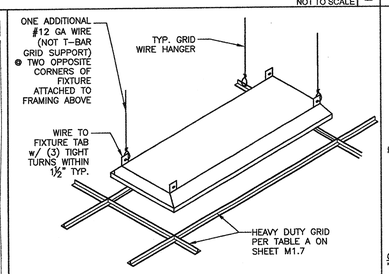


C RUNNER SPLICE AND CEILING CONNECTION @ MODULE LINE

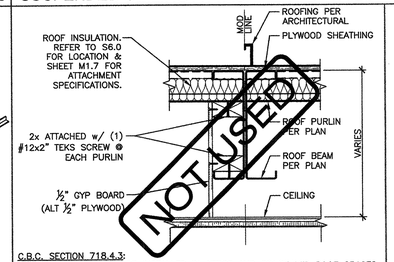
SUSPENDED CEILING ATTACHMENT DETAILS — SCALE 1-1/2" = 1'-0" — 5



WATER HEATER STRAP DETAIL — NOT TO SCALE — 6

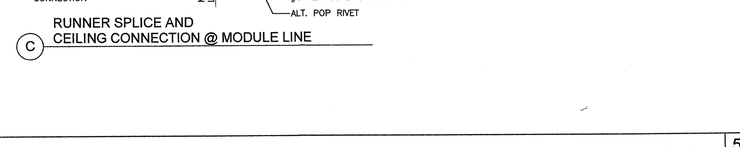


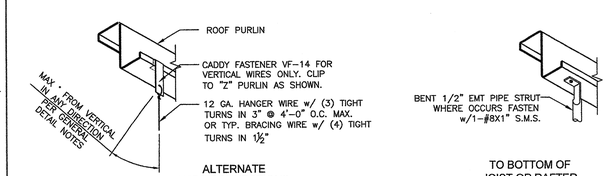
LIGHT FIXTURE ATTACHMENT — NOT TO SCALE — 7



C.B.C. SECTION 718.4.3:
"DRAFTSTOPPING SHALL BE INSTALLED IN ATTICS AND CONCEALED ROOF SPACES, SUCH THAT ANY HORIZONTAL AREA DOES NOT EXCEED 3,000 SQUARE FEET."
NOTE EXCEPTION #2:
IN GROUP A, E, H, I, L OCCUPANCIES, WHERE AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 IS INSTALLED, THE AREA BETWEEN DRAFT STOPS MAY BE 9,000 SQUARE FEET AND THE GREATEST HORIZONTAL DISTANCE MAY BE 100 FEET.

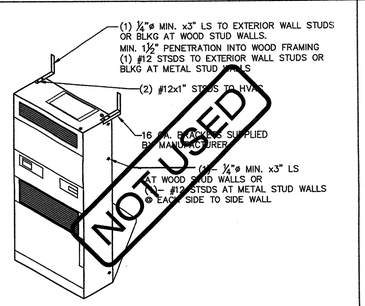
CEILING DRAFT STOP DETAIL — SCALE 1-1/2" = 1'-0" — 8



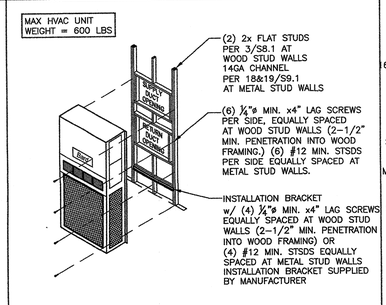


GENERAL DETAIL NOTES:
1. TYPICAL HANGER WIRES & VERTICAL STRUTS SHALL BE INSTALLALED AT A MAXIMUM 1:6 ANGLE FROM VERTICAL.
2. TYPICAL SPLAY BRACING WIRES & WIRES FOR SLACK BRACING OF FIXTURES OR REGISTERS SHALL BE INSTALLALED AT A MAXIMUM 45° ANGLE FROM THE SURFACE TO WHICH THEY ARE ATTACHED.

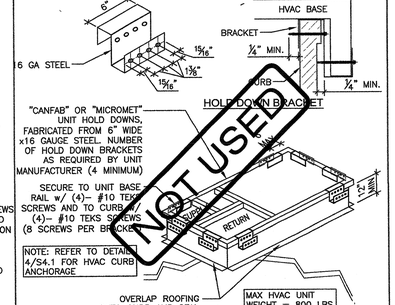
SUSPENDED CEILING TO PURLIN CONNECTION DETAILS — NOT TO SCALE — 12



INTERIOR HVAC ANCHORAGE — NOT TO SCALE — 9



WALL MOUNT HVAC ANCHORAGE — NOT TO SCALE — 10



OPTIONAL HVAC ROOF CURB — NOT TO SCALE — 11

American Modular Systems
787 Spreckels Ave , Manteca, CA 95336
Phone (209) 825-1921 - Fax (209) 825-7018
www.americanmodular.com

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PRE-CHECKED SET NAME

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

SITE SPECIFIC PROJECT NAME

SHEET TITLE

MECHANICAL & CEILING DETAILS

MANUFACTURER PROFESSIONAL OF RECORD ON PC

REGISTERED ARCHITECT — TIMOTHY PATRICK GRAY — No C12631 Ren 3-31-19 — STATE OF CALIFORNIA

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

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
02 117846
AC. FLS SS
DATE AUG - 7 2019

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
PC 02-115726
AC. FLS SS
DATE 10-11-2018

PRE-CHECK (PC) DOCUMENT
CODE 2016 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS
1
2
3
4

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SCALE AS NOTED
DATE -

SHEET NUMBER

M1.4-02

3/1/2019 2:44:14 PM [Date] — 12x40 7/2/2018 3:18 PM — [Modified] — 4/2/2018 1:55 PM — C:\Documents\AMS Work Files\2018\[2018XXX]\[2018XXX] - 24'x40' thru 120'x40' Hi Pitch Modular Buildings - 2018 - M1.4 - Mechanical Misc Sections & Ceiling Details.dwg