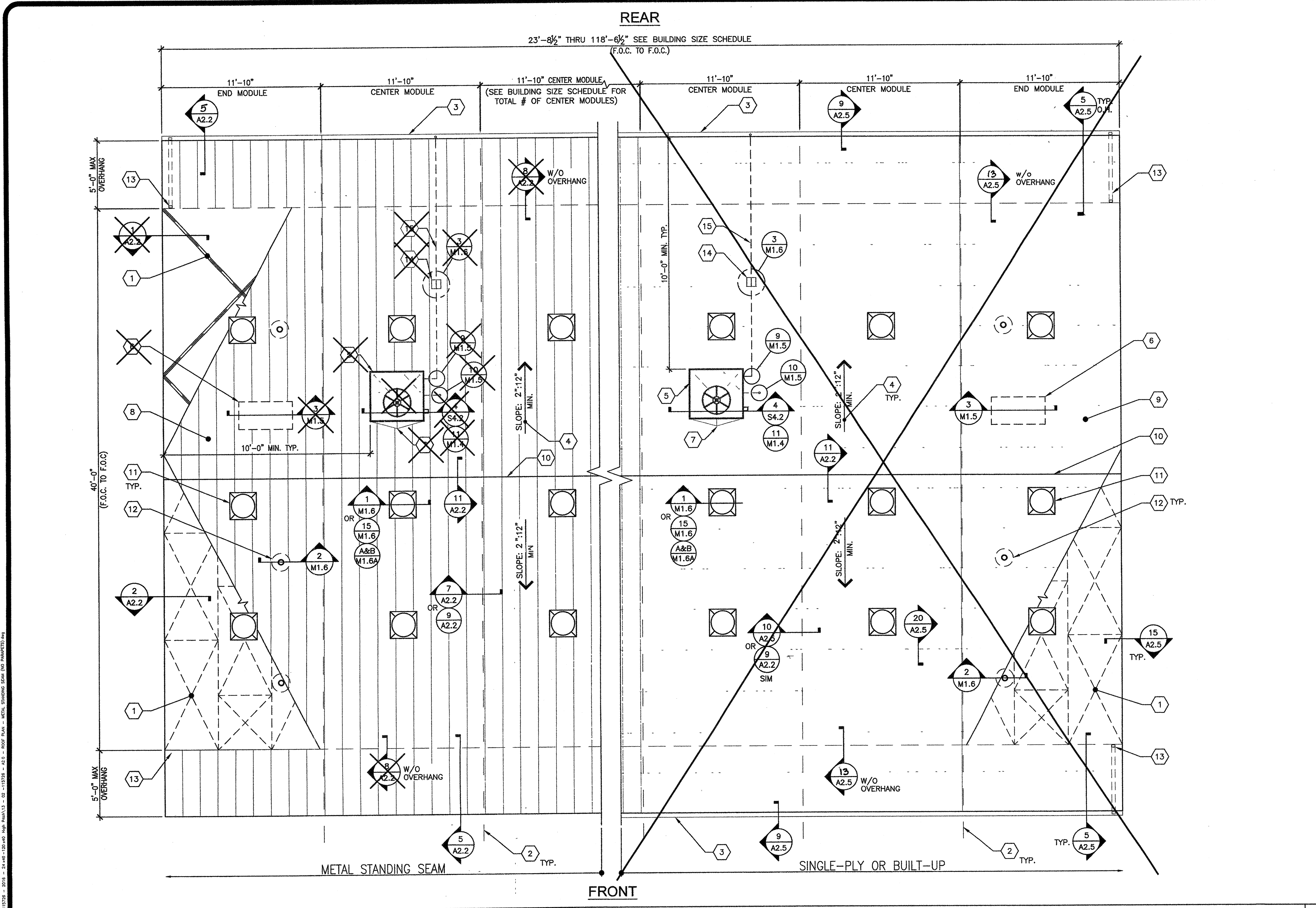


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- 1 ROOF SHEATHING OR STRAP-CROSS BRACING PER SHEET S4.0 OR S4.1
- 2 TYPICAL MOD LINE
- 3 OPTIONAL GUTTER PER DETAIL 5/A2.2
- 4 TYPICAL ROOF SLOPE
- 5 OPTIONAL ROOF MOUNTED HVAC PER M1.7
- 6 OPTIONAL ATTIC MOUNTED SPLIT SYSTEM HVAC PER M1.7
- 7 CRICKET & OPTIONAL HVAC PER 12/A2.2 & 12/A2.5
- 8 STANDING SEAM METAL ROOF PER 7/SO.0 & DETAILS ON SHEET A2.2
- 9 SINGLE PLY OR BUILT-UP ROOFING PER SHEET A2.5
- 10 RIDGE
- 11 OPTIONAL SOLATUBE - SEE SHEET NOTE #1
- 12 PIPE VENT PER PLUMBING PLANS & 2/M1.6
- 13 DOWNSPOUT - SEE ROOF DRAIN SCHEDULE BELOW FOR MIN. # OF DRAINS.
- 14 ROOF TOP PIPE SUPPORT BLOCK PER DETAIL 3/M1.6
- 15 CONDENSATE LINE PER DETAIL 9/M1.6
- 16 NOT USED

**KEY NOTES**

1. SOLATUBE LOCATIONS SHOWN ON PLAN ARE GENERIC AND ACTUAL LOCATIONS MAY VARY (4) MAX. PER MOD. FRAMING PER S4.0 OR S4.1. INSTALLATION PER DETAILS 1 OR 15/M1.5.
2. OPTIONAL GUTTERS SHALL BE LOCATED ALONG FRONT, REAR, OR BOTH END-WALLS OF THE BUILDING(S).
3. OTHER ROOF SHEATHING OR STRAP-CROSS BRACING MAY BE USED FOR METAL STANDING SEAM. SINGLE PLY OR BUILT-UP ROOF SHALL HAVE SHEATHING UNDERNEATH.

**SHEET NOTES**

SOLAR ZONE REQUIRED, PER TITLE 24 SECTION 110.10: FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 15% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS. PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.

1. REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
2. ZONE MUST BE LEFT VOID OF ROOF MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
3. TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
4. SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET TS, WHICH DOES INCLUDE LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
7. A STRUCTURAL ENGINEER SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

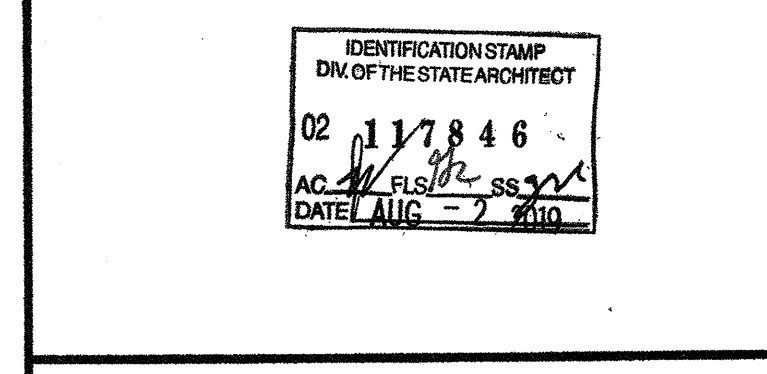
PRE-CHECKED SET NAME  
**24'x40' THRU 120'x40' HIGH PITCH MODULAR BUILDINGS**

SITE SPECIFIC PROJECT NAME

SHEET TITLE  
**TYPICAL ROOF 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  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
**PC 02-115726**  
AC: [Signature] FLS: [Signature] SS: [Signature]  
DATE: 10-11-2018

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

REVISIONS


DRAWN BY: AS NOTED  
SCALE: AS NOTED  
DATE: SHEET NUMBER

**A2.0-02**

**TYPICAL ROOF PLAN**

**ROOF AREA DRAINS (WITH 5'-12" OVERHANGS)**

BUILDING SIZE (NOM.)	ROOF AREA	MINIMUM NO. OF DRAINS	SIZE OF DRAIN
24'x40'	960	2	2x3
36'x40'	1440	2	2x3
48'x40'	1920	3	2x3
60'x40'	2400	3	2x3
72'x40'	2880	4	2x3
84'x40'	3360	5	2x3
96'x40'	3840	5	2x3
108'x40'	4320	6	2x3
120'x40'	4800	6	2x3

**NOTES:**

1. DOWNSPOUTS & LEADERS PER C.P.C. 1106.1 AND TABLE 1101.11.
2. PC DOWNSPOUT SIZING BASED ON ROOF AREA AND MAX RAINFALL RATE OF 3" PER HOUR. SITE SPECIFIC BUILDING MAY UTILIZE LOCAL RAINFALL RATE--PROVIDE SITE RAINFALL RATE TO DETERMINE MINIMUM NUMBER OF DRAINS REQUIRED.

**BUILDING SIZE SCHEDULE**

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

**NOTES:**

1. TOTAL WIDTH INCLUDES 1/4" PER MODULE CONSTRUCTION TOLERANCE PER FOUNDATION.

ROOF DRAIN SCHEDULE

BUILDING SIZE SCHEDULE

NOT USED

3 NOT USED

4 SOLAR-READY ZONE REQUIREMENTS

SCALE 1/4" = 1'-0"

1