

TRUSS MANUF	UNIVERSAL (UFP)
P1402305 (ASCE 7-10) & P1617402 (ASCE 7-10, CT, DE, MD, VA, WV)	
TRUSS #	P1402304 (ASCE 7-05) & P1617401 (ASCE 7-05, PA)

LISTED TRUSSES @ 24" O.C. EXCEPT INSTALL TRUSSES 16" O.C. IN END ZONES  
 LISTED ROOF TRUSS DESIGN LOADS:  
 GROUND SNOW LOAD 60 PSF TOP CHORD  
 LIVE LOAD 20 PSF TOP CHORD  
 DEAD LOAD 8 PSF TOP CHORD  
 DEAD LOAD 10 PSF BOTTOM CHORD

ATTIC SPACE TO BE VENTED WITH AN ATTIC FAN (SEE ELECTRICAL PLAN FOR LOCATIONS) IN EACH MODULE WHICH EXHAUSTS A MINIMUM .02 CFM/SQ. FT. OF THAT MODULES ATTIC AREA WITH A GABLE OR ROOF VENT INSTALLED IN EACH MODULE AT THE GABLE OPPOSITE FROM THE ATTIC FAN WHICH HAS A MINIMUM NET FREE AREA EQUAL TO AT LEAST 1 SQ. INCH FOR EACH 2 CFM OF THE ATTIC FAN CAPACITY INSTALLED IN THAT MODULE. ALL ATTIC VENT FANS TO BE AUTOMATICALLY ACTIVATED WHEN THE RELATIVE HUMIDITY IN THE ATTIC SPACE EXCEEDS 60 PERCENT

NOTE: ALL ROOF SHTG PANELS MUST SPAN A MIN. OF TWO TRUSS BAYS W/LONG DIMENSION PERPENDICULAR TO TRUSSES

FASTEN ROOF SHTG TO GABLE TRUSS WITH 16 GA X 7/16" X 1-1/2" STAPLE 2-1/2" O.C. TYP\*

FASTEN SHTG TO EACH TRUSS WITHIN 3' OF EAVE AND WITHIN 3' OF GABLE END OF ROOF WITH 16 GA X 7/16" X 1-1/2" STAPLE 3" O.C. EDGES AND FIELD (TYP)

FASTEN SHTG TO EACH TRUSS WITHIN 3' OF EAVE AND WITHIN 3' OF GABLE END OF ROOF WITH 16 GA X 7/16" X 1-1/2" STAPLE 3" O.C. EDGES AND FIELD (TYP)

Stagger joints 32" O.C. MIN (TYP)

FASTEN SHTG TO TRUSSES WITH 16 GA X 7/16" X 1-1/2" STAPLES 3" O.C. EDGES AND 6" O.C. FIELD WITHIN 3' OF EAVES, GABLES AND RIDGES AND 3" O.C. EDGES AND 6" O.C. FIELD IN OTHER AREAS - TYP UNLESS OTHER NOTED

NOTE: ALL ROOF SHTG PANELS MUST SPAN A MIN. OF TWO TRUSS BAYS W/LONG DIMENSION PERPENDICULAR TO TRUSSES

FASTEN ROOF SHTG TO GABLE TRUSS WITH 8D CDM NAIL 6" O.C. - TYP\*

FASTEN SHTG TO EACH TRUSS WITHIN 3' OF EAVE AND WITHIN 3' OF GABLE END OF ROOF WITH 8D CDM NAILS 6" O.C. EDGES AND FIELD (TYP)

FASTEN SHTG TO EACH TRUSS WITHIN 3' OF EAVE AND WITHIN 3' OF GABLE END OF ROOF WITH 8D CDM NAILS 6" O.C. EDGES AND FIELD (TYP)

Stagger joints 32" O.C. MIN (TYP)

FASTEN SHTG TO TRUSSES WITH 8D CDM NAILS 6" O.C. EDGES AND 6" O.C. FIELD WITHIN 3' OF EAVES, GABLES AND RIDGES AND 6" O.C. EDGES AND 10" O.C. FIELD IN OTHER AREAS - TYP UNLESS OTHER NOTED

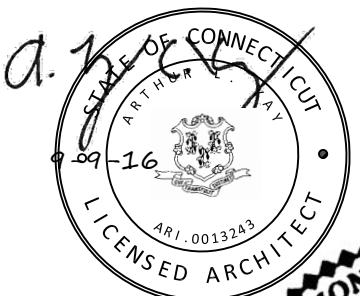
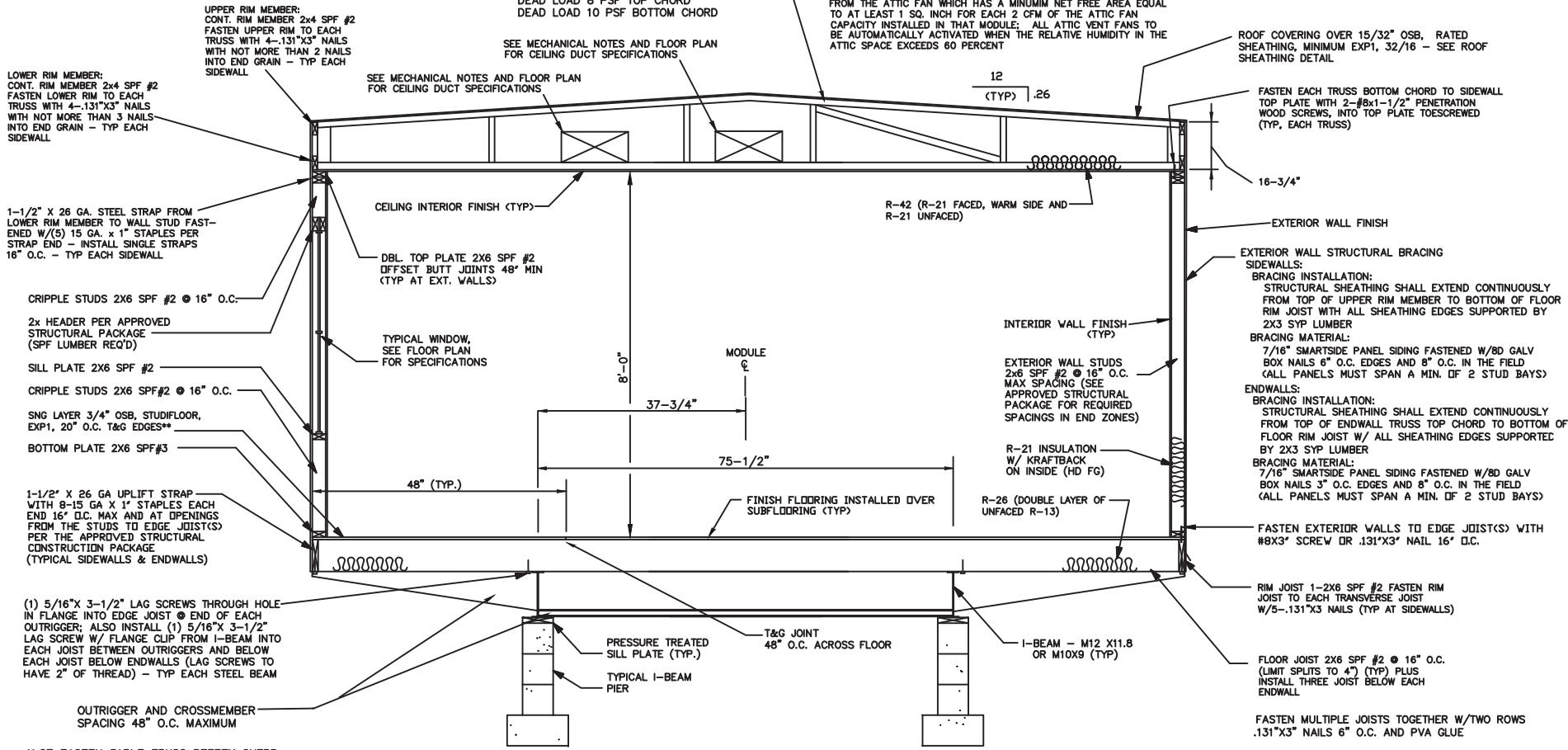
OPTIONAL ROOF SHEATHING DETAIL WITH 16 GA X 7/16" X 1-1/2" STAPLES

ROOF SHEATHING DETAIL



APPROVED

09 09 2016



FOR CONNECTICUT  
 ARTHUR L. KAY, R.A.  
 5521 TERRAIN DE GOLF DRIVE  
 LUTZ, FL 33558

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 8588  
 EXPIRATION DATE: 6-6-18

**INTERIOR FINISH MATERIAL:**  
 CEILING - 1/2" GYPSUM BOARD INSTALLED PER THE MANUFACTURERS SPECIFICATIONS (HIGH STRENGTH GYPSUM BD; CLASS A)  
 WALL - 1/2" V.C. GYPSUM BOARD INSTALLED PER THE MANUFACTURERS SPECIFICATIONS AND GENERAL NOTES (CLASS A)  
 FLOOR - VINYL TILE THROUGHOUT

**EXTERIOR FINISH MATERIAL:**  
 ROOF - 45 MIL BLACK RUBBER ROOF COVERING (EPDM) FULLY ADHERED TO 15/32" OSB MULEHIDE FR DECK PANEL C PER THE EPDM MANUFACTURERS INSTRUCTIONS (CLASS C) (VERIFY DECKING GRADE COMPLIES WITH ROOF SHTG SPECS ABOVE)  
 WALL - 7/16" L-P SMARTSIDE PANEL SIDING INSTALLED PER THE MANUFACTURERS INSTRUCTIONS AND THE THIRD-PARTY APPROVED QC MANUAL SPECIFICATIONS OVER AN APPROVED MOISTURE BARRIER (APA RATED SIDING - SEE FASTENING SPECS ABOVE - DO NOT INSTALL NAILS IN PANEL SIDING GROOVES IN THE FIELD OR AT CUT EDGES)

**GENERAL CROSS-SECTION NOTES:**  
 1. UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY W/ ASTM A36, YIELD STRENGTH = 36 KSI MIN  
 2. ALL LAG SCREWS MUST COMPLY W/ ANSI/ ASME B18.2.1. w/ F<sub>y</sub> = 60 KSI MIN.  
 3. 1/2 INCH GYPSUM BOARD INTERIOR FINISH INSTALLED ON SIDEWALLS TO BE FASTENED WITH 5D COOLER NAIL (.086" X 1-5/8"), .120" X 1-1/2" NAIL WITH 3/8" HEAD OR 16 GA X 1-1/2" STAPLE SPACED 7" O.C. EDGES & FIELD (UNBLOCKED)

ALL STRAPS REFERENCED IN THESE DRAWINGS ARE MINIMUM 26 GA X WIDTH SPECIFIED WITH A MINIMUM YIELD STRENGTH = 36 KSI  
 ALL PVA GLUE TO COMPLY WITH ASTM D3930

		<b>MODULAR SPACE CORPORATION</b> CORPORATE OFFICE: 1200 SWEDSFORD ROAD., BERWYN, PA 19312 MANUFACTURING PLANT: 60 INDUSTRIAL ROAD, ELIZABETHTOWN, PA 17022	
		DATE: 8-19-16 CODES: MULTI STATE LABELS:	REVISIONS: THIRD PARTY REVIEW: 9-08-16
OWNERSHIP OF DOCUMENTS THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MODULAR SPACE CORPORATION (MODSPACE) AND IS NOT TO BE USED, IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF MODULAR SPACE CORPORATION		SCALE: NTS CROSS SECTION MODSPACE STOCK SINGLE WIDE (10'x44') JAMES E. BRADLEY, P.E. CONSULTING ENGINEER 1765 CARNEGIE AVENUE CLEARWATER, FL 33756	PLAN NO. M08-1044 (Stock - NE) REVISIONS: SHEET 9 OF 10