PRE-MANUFACTURED WOOD TRUSSES

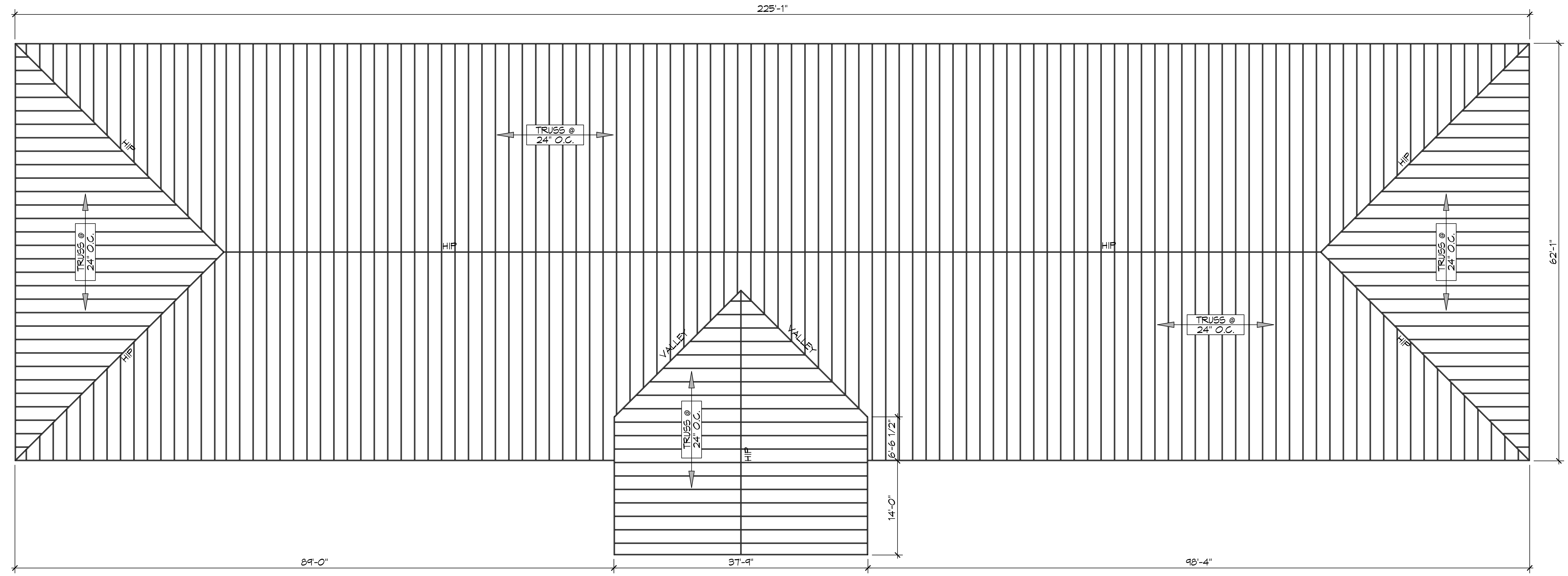
1. WOOD TRUSSES SHALL BE FACTORY ASSEMBLED USING STRESS RATED MATERIALS DESIGNED TO SUPPORT LOADING SHOWN ON DRAWINGS. INSTALL AND BRACE PER MANUFACTURER. MANUFACTURER IS RESPONSIBLE FOR REVIEWING ALL CONNECTIONS AND FRAMING IN TRUSSED ROOF SYSTEMS ABOVE PLATE HEIGHT FOR COMPLETENESS AND COMPATIBILITY WITH TRUSS DESIGNS. THIS INCLUDES ALL EAVE OVERHANGS AND OVER-FRAMES. SHOP DRAWINGS, DETAILS AND DESIGN CALCULATIONS OF TRUSSED ROOF SYSTEM MUST BE STAMPED BY A LICENSED CIVIL ENGINEER AND SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:			
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY			
WIND SPEED Vult =		140 MPH	
NOMINAL DESIGN WIND SPEED Vasd =		108.4 MPH (Vult x $(0.6)^{\frac{1}{2}}$)	
RISK CATEGORY:	CATEGORY III BLDG	SURFACE ROUGHNESS =	C
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
COMPONENTS & CLADDING PRESURE		p(+) = 20.0 psf	p(-) = 23.8 psf
LIVE LOADS (IBC SEC 1607)			
CORRIDORS 1ST FLOOR		100 PSF UNIFORM & 1,000 LB CONCENTRATED	
CLASSROOMS		40 PSF UNIFORM & 1,000 LB CONCENTRATED	
ROOF LIVE LOADS (IBC TABLE 1607.1):		20 PSF UNIFORM & 300 LB CONCENTRATED	
SNOW LOADS (IBC SEC 1608):			
GROUND SNOW LOAD (IBC FIG 1608.2):		5 PSF	
RAIN LOAD DATA		6 in/hr	
SEISMIC DESIGN CRITERIA		A	

2



1 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

REVISIONS

#	DESCRIPTION	DATE
1	Removed Dog House	11/22/2022
2	Revised drawing to meet IBC 2021 requirements	2/22/2023

SEAL:
STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
2/22/2023
PROFESSIONAL ENGINEER

NEW CLASSROOM BUILDING
LA KEY ACADEMY
PRIVETTE BLVD
COVINGTON, LA

JOB No:	2466	DATE:	11-10-2022
DRAWN BY:	TT	CHECKED BY:	DPP

SHEET TITLE:
ROOF FRAMING PLAN

DRAWING NUMBER:
S103

SHEET No: