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

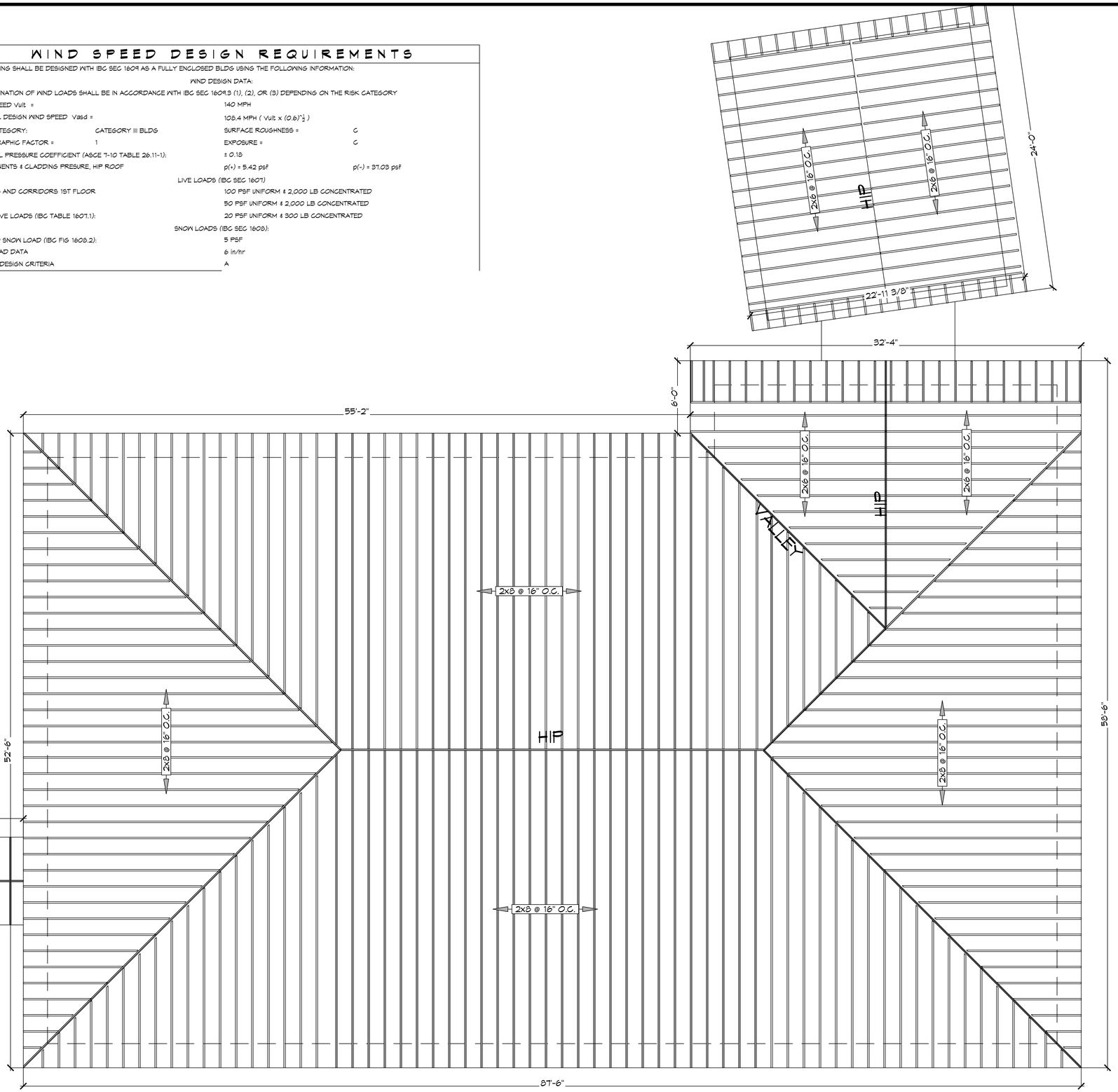
WIND SPEED Vult =		140 MPH	
NOMINAL DESIGN WIND SPEED Vasd =		108.4 MPH (Vult x $(0.6)^{\frac{1}{2}}$)	
RISK CATEGORY:	CATEGORY III BLDG	SURFACE ROUGHNESS =	C
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
COMPONENTS & CLADDING PRESURE, HIP ROOF		p(+) = 5.42 psf	p(-) = 37.03 psf

LIVE LOADS (IBC SEC 1607)

LOBBIES AND CORRIDORS 1ST FLOOR	100 PSF UNIFORM & 2,000 LB CONCENTRATED
OFFICES	50 PSF UNIFORM & 2,000 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



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

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
3/17/2026
PROFESSIONAL ENGINEER

FINAL PRACTICE

KEVIN DARR, MD

DALWILL DRIVE
MANDEVILLE, LA

JOB No:	2523	DATE:	3-6-2026
DRAWN BY:	TT	CHECKED BY:	DPD

SHEET TITLE:
ROOF FRAMING PLAN

DRAWING NUMBER:
S102

SHEET No: of 22