



DESIGN LOAD NOTES: 40 FT TRUSS SPAN
 TRUSS SPACING = 12' ALLOWABLE DEAD LOAD = 6 PSF
 TRUSS SPACING = 10' ALLOWABLE DEAD LOAD = 10 PSF
 TRUSS SPACING = 8' ALLOWABLE DEAD LOAD = 12 PSF

DESIGN CRITERIA - IBC 2018 & 2021

1. DESIGN LOADS PER ASCE 7-16
2. REQUIREMENT FOR STEEL - ASTM 50 KSI OR AS NOTED.
3. ROOF LIVE LOAD = 20 PSF
DEAD LOAD = SEE DESIGN LOAD NOTES
4. DESIGN WIND SPEED = 155 MPH
5. WIND RISK CATEGORY II
6. WIND EXPOSURE CATEGORY C
7. BUILDING CATEGORY II
8. GROUND SNOW LOAD = 15 PSF
9. IMPORTANCE FACTOR 1.0
10. ROOF UNHEATED - NOT SLIPPERY

This Drawing is for Illustrative Purposes only and may not be used in any way by anyone other than Nash Building Systems Employees. For stamped diagram, please reach out to your Nash salesperson

NOTES:

1. PURLINS TO BE MINIMUM **2x6** #2 SYP FOR UP TO 10' TRUSS SPACING.
PURLINS TO BE MINIMUM **2x6** #2 SYP FOR 12' TRUSS SPACING (WIND SPEED 120 MPH & LESS).
PURLINS TO BE MINIMUM **2x6** #1 SYP FOR 12' TRUSS SPACING (WIND SPEED GREATER 120 MPH).
2. PURLINS TO BE SPACED AT A MAXIMUM OF 2'-0" O.C. UNLESS NOTED
3. THIS DESIGN IS FOR TRUSS ONLY. THE SUPPORT POST IS ASSUMED TO BE 5-1/2" BUT THE SIDEWALL DESIGN IS NOT A PART OF THIS DESIGN.
4. THIS TRUSS DESIGN MAY BE USED FOR SHORTER SPANS, ADJUST MEMBER LENGTHS ACCORDINGLY.
5. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION & PERMANENT BRACING.
6. FABRICATOR SHALL VERIFY DIMENSIONS BEFORE ORDERING MATERIAL AND/OR FABRICATING TRUSS.
7. FABRICATION AND WELDING PER AISC AND AWS.
8. STEEL TO BE MINIMUM ASTM 50 KSI OR EQUIVALENT UNLESS NOTED.
9. FASTENERS INSTALLED WITH TREATED WOOD MUST BE MANUFACTURER RECOMMENDED FOR USE WITH THE ASSOCIATED WOOD TREATMENT.



CUSTOMER: Nash Building Systems	
JOB NO:	DATE: 3/23/22
LOCATION: 1801 Anaconda Rd	
Tarboro, NC 27886	
DRAWN BY: JDH	DRAWING NO. 22-0323-1
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