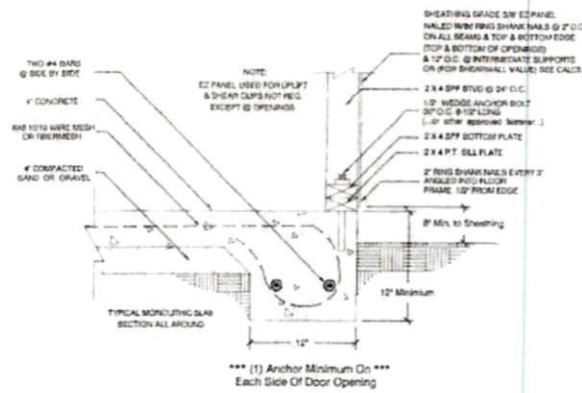
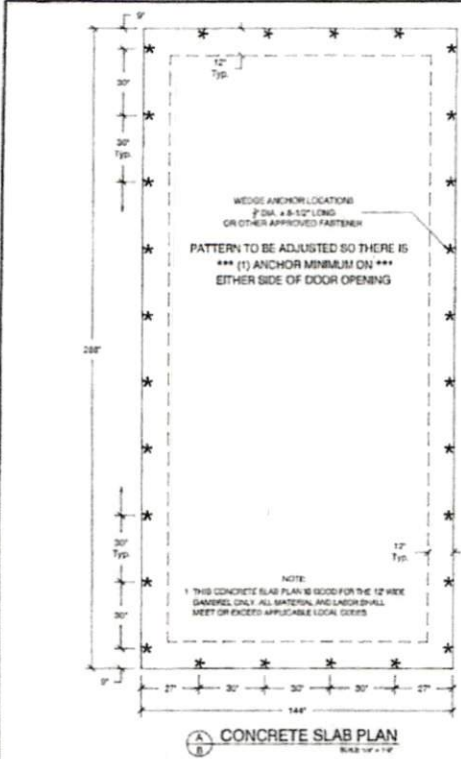


NOTICE TO CONTRACTOR
 APPROVED
 07/02/2020



Signature



STRUCTURAL ONLY
 The verification is for structural design only. All other systems of this construction including but not limited to, fire, seismic, etc. The contractor will agree and be responsible for them.

NTA, Inc., 285 N Oakland Ave
 Nagspeake, Indiana 46253
 Engineering CDA No. C-3412

These documents are submitted only to the engineer and do not constitute a contract. The contractor shall not be responsible for any errors in quantity, quality or design, any aspects of the building not covered by these documents. Structural design criteria are based solely on information provided to the engineer and must be verified and approved by the local authority having jurisdiction. NTA, Inc. is not responsible for foundation or erection. It is acknowledged that these drawings have been modified or altered in any way, without NTA, Inc. or NTA/NTA/NTA's written approval.

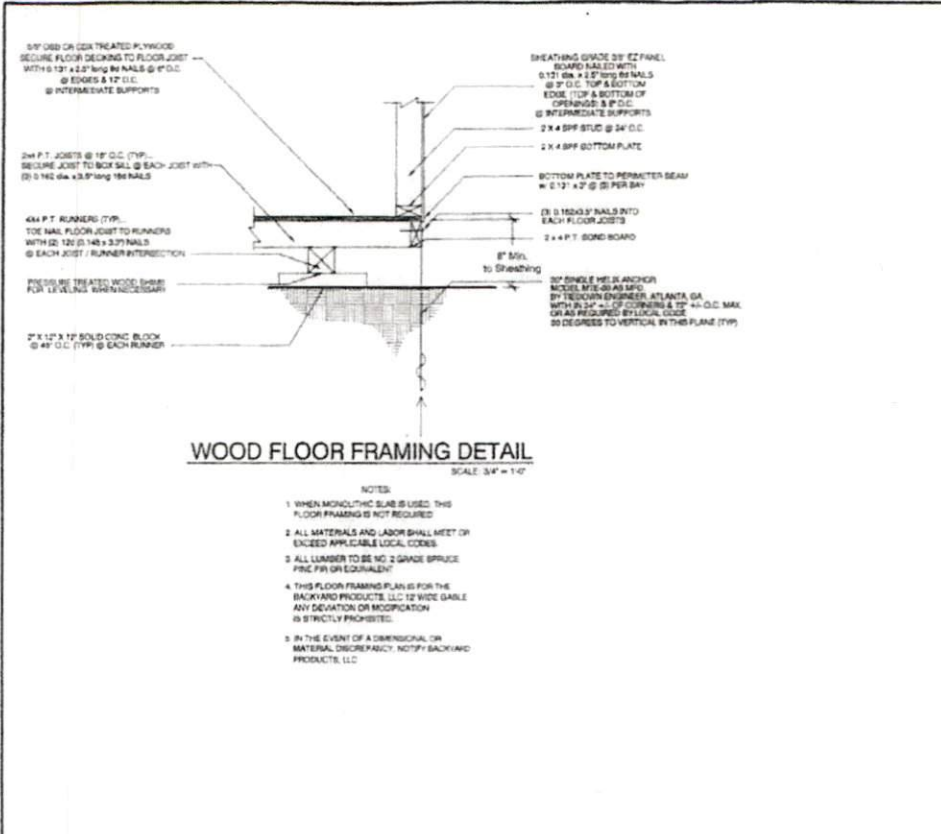
B
6 **MONOLITHIC CONCRETE SLAB DETAIL**
 SCALE: 1" = 1'-0"

- MONOLITHIC SLAB FOOTING NOTES.
1. ALL MATERIALS AND LABOR SHALL MEET OR EXCEED APPLICABLE LOCAL CODES.
 2. UNLESS OTHERWISE SPECIFIED OR SUPERSEDED BY APPLICABLE LOCAL CODES, MATERIAL TO BE 3000 PSI CONCRETE, A615 GRADE 60 REBAR, A36 A.S. MIN. REBAR LAP = 20".
 3. THIS MONOLITHIC SLAB IS DESIGNED FOR THE BACKYARD PRODUCTS, LLC 12" WIDE GAMBREL. ANY DEVIATION AND MODIFICATION IS STRICTLY PROHIBITED.

Depth Dim. "A"	12'-0" Base	16'-0"	20'-0"	24'-0"			
Gambrel Style 12'-0" wide by:							

BACKYARD PRODUCTS, LLC
 12"-0" GAMBREL STYLE CONCRETE SLAB DETAILS

NTA, Inc. 285 N. Oakland Ave. Nagspeake, Indiana 46253
 Ryan W. Deering, Professional Engineer, Seal No. 037897
 Date: July 28, 2018
 Scale: 1/2" = 1'-0"



WOOD FLOOR FRAMING DETAIL

SCALE: 3/4" = 1'-0"

NOTES:

1. WHEN MONOLITHIC SLAB IS USED, THIS FLOOR FRAMING IS NOT REQUIRED.
2. ALL MATERIALS AND LABOR SHALL MEET OR EXCEED APPLICABLE LOCAL CODES.
3. ALL LUMBER TO BE NO. 2 GRADE SPRUCE PINE FIR OR EQUIVALENT.
4. THIS FLOOR FRAMING PLAN IS FOR THE BACKYARD PRODUCTS, LLC 12' WIDE GABLE. ANY DEVIATION OR MODIFICATION IS STRICTLY PROHIBITED.
5. IN THE EVENT OF A DIMENSIONAL OR MATERIAL DISCREPANCY, NOTIFY BACKYARD PRODUCTS, LLC.

STRUCTURAL ONLY
 This certification is for structural design only. All other matters of code compliance including but not limited to electrical, plumbing, mechanical, and fire are the responsibility of others.

NTA, Inc., 305 N Oakland Ave
 Nappanee, Indiana 46550
 Engineering CGA No. C-0412

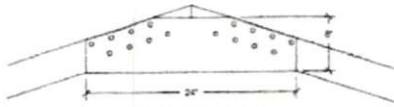
These documents are applicable only to the drawings and existing conditions specifically provided herein. These documents shall not be construed in any way to specify, certify or design any aspects of the building not contained herein. Structural design criteria and related codes or information provided to the client shall be verified and approved by the local authority having jurisdiction. NTA, Inc. is not responsible for fabrication or erection. If a replacement for these drawings have been created, substituted or altered in any way, contact NTA, Inc. at (317) 773-7979 for more information.

Depth Dim. 'A'	12'-0" Base	16'-0"	20'-0"	24'-0"
Gable Style 12'-0" wide by				



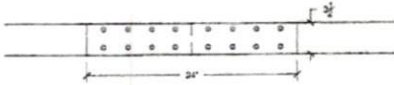
12'-0" GAMBREL STYLE ELEVATIONS

Job No.	1214	Project Name	12' Gambrel Style
Date	06/20/2013	Client	
Drawn By	AS/STP	Check By	AS/STP



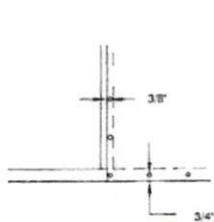
3" OSB or EZ PANEL Gusset
GLUED & NAILED WITH
(26) 4d 1-1/2" NAILS

A ROOF GUSSET CONNECTION DETAIL
SCALE: 1" = 1'-0"

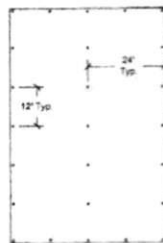


3" OSB or EZ PANEL Gusset
GLUED & NAILED WITH
(16) 4d 1-1/2" NAILS

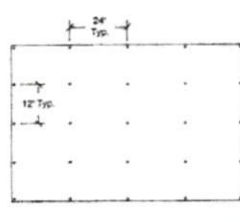
B COLLAR TIE GUSSET CONNECTION DETAIL
SCALE: 1" = 1'-0"



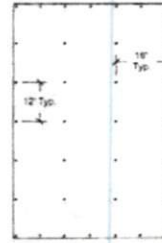
F SINGLE EDGE NAILING



C WALL PANEL TYP. NAIL PATTERN



D ROOF PANEL TYP. NAIL PATTERN



E FLOOR PANEL TYP. NAIL PATTERN

NOTES:

1. THESE STRUCTURAL DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF THE SHOWN STORAGE BUILDING. IN THE EVENT OF DIMENSIONAL DISCREPANCY, NOTIFY THE ENGINEER FOR RESOLUTION OF CONFLICT. ANY DEVIATION FROM THESE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
2. MATERIALS
 - * ALL LUMBER TO BE NUMBER 2 GRADE SPRUCE PINE FIR OR EQUIVALENT
 - * ALL PLYWOOD SHALL CONFORM TO THE LATEST EDITION OF APA SPECIFICATIONS
 - * ALL CONNECTORS/FASTENERS AND ITS SPACING SHALL MEET THE APPLICABLE CODES
 - * ALL MATERIALS AND LABOR PER APPLICABLE LOCAL CODES
 - * ShearSide Panel: 3/8" APA RATED (PRP-108) AS MANUFACTURED BY LOUISIANA-PACIFIC COMPANY, PORTLAND, OR. NER 124 CODE RECOGNITION
 - * O.S.B DECKING: 7/16" APA RATED ORIENTED STRAND BOARD AS MANUFACTURED BY LOUISIANA-PACIFIC COMPANY, PORTLAND, OR.
3. THESE STRUCTURES ARE TO BE USED AS STORAGE ONLY AND NOT FOR HABITATION

STRUCTURAL ONLY
This certificate is for structural design only. It does not cover other trades or work not shown on the drawings. The contractor is responsible for obtaining all necessary permits and for the safety of the work.



NTA, Inc., 205 N Oakland Ave
Nappanee, Indiana 46355
Engineering CDA No. C-3412

These drawings are submitted to the state and local officials as a condition of their approval. The contractor shall be responsible for obtaining all necessary permits and for the safety of the work. The engineer shall not be responsible for the construction of the building or for the safety of the work. The engineer shall not be responsible for the construction of the building or for the safety of the work. The engineer shall not be responsible for the construction of the building or for the safety of the work.

Depth Dim. "A"	12'-0" Base	18'-0"	22'-0"	24'-0"		
Gambrel Style						
12'-0" wide by:						



12'-0" GAMBREL STYLE NOTES

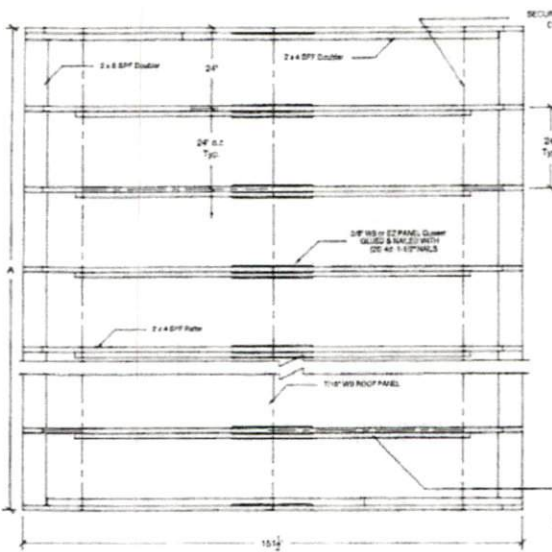
DATE	ISSUED	BY	DATE

STRUCTURAL ONLY
 This document is for structural design only. It is not a contract and does not constitute a contract. The contractor shall be responsible for all construction including, but not limited to, materials and methods and agrees to the responsibility of others.



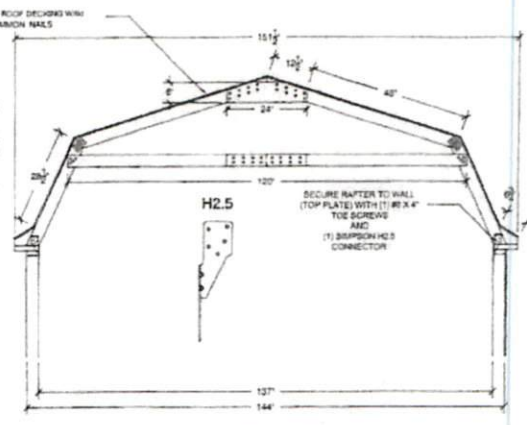
NTA, Inc., 305 N Oakland Ave
 Nappanee, Indiana 46550
 Engineering Code No. C-2412

These documents are applicable only to the elements and loading of those specifically provided herein. These documents shall not be construed in any way to modify, amend or design any aspect of the building for unshown items. Structural design details are based upon information provided to the client and shall be verified and approved by the local authority having jurisdiction. NTA, Inc. is not responsible for installation or erection. It is indicated that these drawings have been modified, substituted or altered in any way, contact NTA, Inc. at (317) 773-1913 to obtain a Re-iss.



ROOF FRAMING PLAN
 SCALE 3/8" = 1'-0"

NOTE:
 1. THIS WALL PLAN IS GOOD FOR THE 12" WIDE GAMBREL.
 ONLY ALL MATERIAL AND LABOR SHALL
 MEET OR EXCEED APPLICABLE LOCAL CODES.



RAFTER SECTION
 SCALE 3/8" = 1'-0"

2x4 COLLAR TIE
 SECURE COLLAR TIES TO
 RAFTERS USING 4x 8x10x 3
 3/8" NAILS EACH END
 (8) NAILS TOTAL

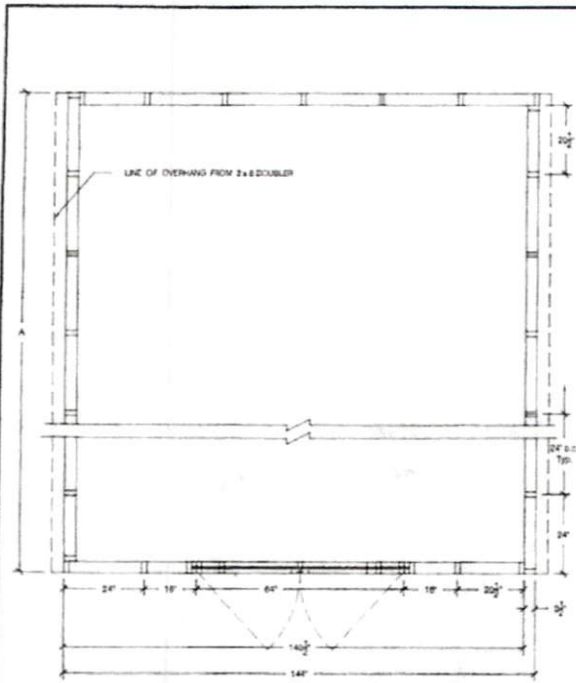
NOTES:

1. Approved Shingles installed per manufactures instructions with 4 nails per shingle
2. Dripedge must overlap 2" and nailed every 12" max.

Depth Dim. "A"	12'-0" Base	18'-0"	20'-0"	24'-0"	
Gambrel Style					
12'-0" wide by:					

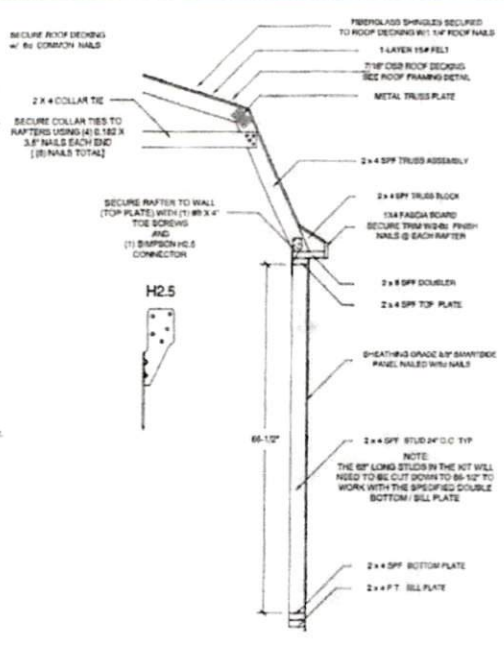
BACKYARD PRODUCTS, LLC
 12'-0" GAMBREL STYLE ROOF DETAILS

DATE: 07/26/12
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 SCALE: 3/8" = 1'-0"



TYP. WALL FRAMING PLAN
SCALE 3/4" = 1'-0"

NOTE:
* THIS WALL PLAN IS GOOD FOR THE 12" WIDE GAMBREL.
ONLY ALL MATERIAL AND LABOR SHALL
MEET OR EXCEED APPLICABLE LOCAL CODES.



WALL SECTION
SCALE 1/2" = 1'-0"

STRUCTURAL ONLY
This specification is for structural design only. All other matters of code compliance including but not limited to allowable loads, the maintenance of systems are the responsibility of others.



NTA, Inc., 305 N Oakland Ave
Nappanee, Indiana 46550
Engineering CDA No. C-3412

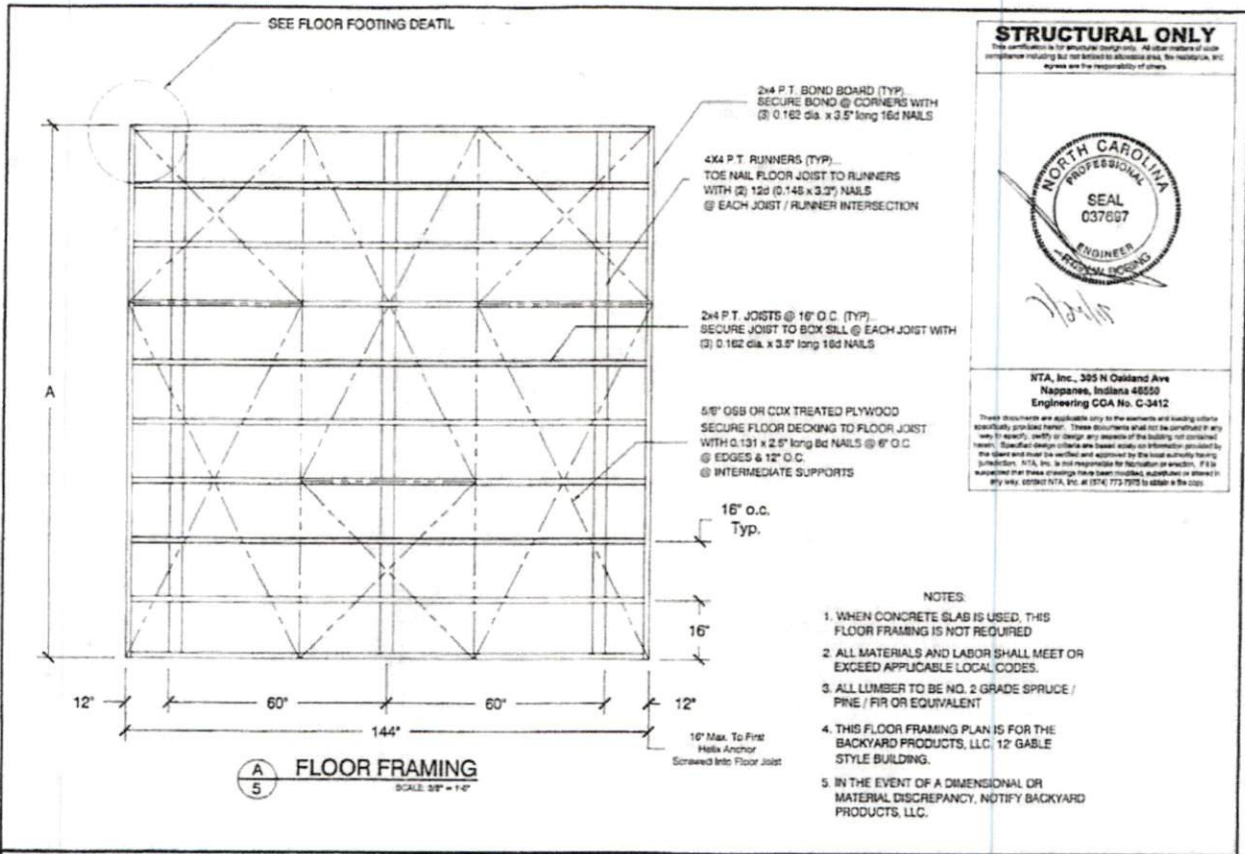
These drawings are prepared only to the extent of the building codes specifically provided herein. These drawings shall not be construed to be used in any other way or for any other purpose without the express written consent of the designer. The designer shall be held responsible for any errors or omissions in these drawings. NTA, Inc. is not responsible for any errors or omissions in these drawings. NTA, Inc. is not responsible for any errors or omissions in these drawings. NTA, Inc. is not responsible for any errors or omissions in these drawings.

Depth Dim. "A"	12'-0"	18'-0"	27'-0"	24'-0"		
Gambrel Style						
12'-0" wide by						



12'-0" GAMBREL STYLE WALL DETAILS

DATE: 07/20/2011
DRAWN BY: J. B. BROWN
CHECKED BY: J. B. BROWN
SCALE: 3/4" = 1'-0"



STRUCTURAL ONLY
This certification is for structural compliance. It does not constitute a license or approval of code compliance including but not limited to electrical, plumbing, mechanical, or fire. NTA, Inc. is not responsible for the responsibility of others.

NORTH CAROLINA
PROFESSIONAL
SEAL
037697
ENGINEER
EXERCISE EXPIRES

NTA, Inc., 305 N Oakland Ave
Nappanee, Indiana 46550
Engineering CCA No. C-3412

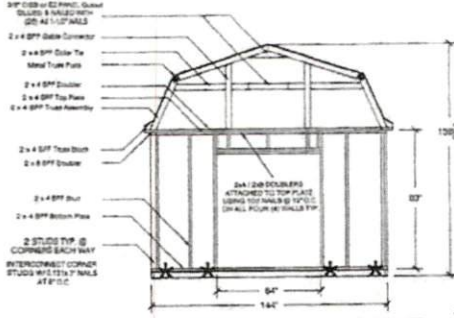
These documents are applicable only to the materials and building criteria specifically provided herein. These documents shall not be construed as any warranty, express or implied, or any representation of the building not constructed herein. Structural design criteria are based solely on information provided by the client and must be verified and approved by the local authority having jurisdiction. NTA, Inc. is not responsible for transcription or erection. If it is determined that these drawings have been modified, substituted or altered in any way, contact NTA, Inc. at (317) 773-7070 to obtain a new copy.

Depth Dim. 'A'	12'-0" Base	16'-0"	20'-0"	24'-0"
Gable Style 12'-0" wide by:				

BACKYARD PRODUCTS, LLC.

12'-0" GAMBREL STYLE ELEVATIONS

DATE: 07/20/2017
DRAWN BY: A. Butler
CHECKED BY: A. Butler
SCALE: 1/8" = 1'-0"
JOB NO: 1000-001-000

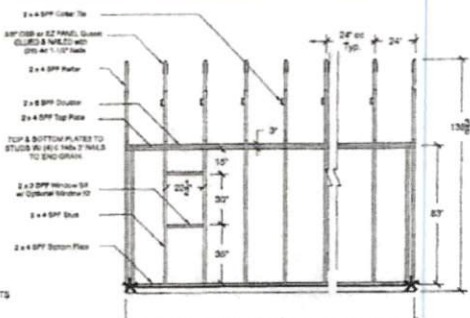


A GABLE FRAMING with DOOR CENTERED
SCALE 3/8" = 1'-0"

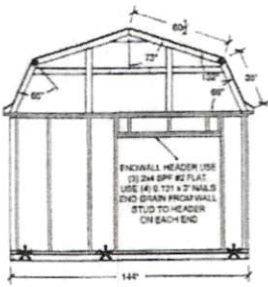
NOTE
CALL ENDUSERS
DESIGNED
TO BE SPACED BETWEEN
OF ALL STUDS
WHICH PROVIDES NO
ADDITIONAL STRUCTURAL
FRAMING.
NAIL ENDUSERS TO WALL
FRAMING IF AROUND THE
WINDOW CUT OUT
ALL LUMBER SPP #2
UNLESS NOTED
OTHERWISE

NOTE
FOR 1/2" PANEL ATTACHMENT
SEE CALCULATIONS FOR REQUIREMENTS

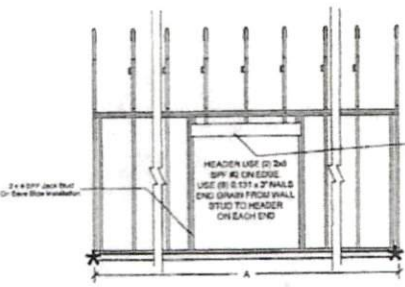
* AT EACH LOCATION ATTACH WALL STUDS
TO FOUNDATION / GROUND FOR
OVERTURNING FORCE.
SEE CALCULATIONS



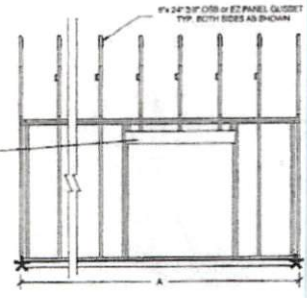
B EAVE FRAMING w/g DOOR
SCALE 3/8" = 1'-0"



C GABLE FRAMING with DOOR OFFSET
SCALE 3/8" = 1'-0"



D EAVE SIDE FRAMING w/ DOOR CENTERED
SCALE 3/8" = 1'-0"



E EAVE SIDE FRAMING w/ DOOR OFFSET
SCALE 3/8" = 1'-0"

STRUCTURAL ONLY
This information is for structural design only. All other aspects of design programs including but not limited to electrical, plumbing, fire, and mechanical, shall be the responsibility of other trades.



NTA, Inc., 305 N Oakland Ave
Happesee, Indiana 46530
Engineering COA No. C-5412

These documents are applicable only to the structure and loading which specifically provide herein. These documents shall not be construed in any way to modify, verify, or negate any aspects of the building for which they were prepared. Specific design criteria are based solely on information provided by the client and must be verified and approved by the local authority having jurisdiction. NTA, Inc., is not responsible for fabrication or erection. It is acknowledged that these drawings have been printed, published, or placed in any way, without NTA, Inc.'s written consent to such use.

Depth Dim. "A"	12'-0"	16'-0"	20'-0"	24'-0"		
Gambrel Style						
12'-0" wide by:						



12'-0" GAMBREL STYLE WALL FRAMING

Project No.	037697	Date	06/25/15
Client		Scale	3/8" = 1'-0"
Drawn		Sheet	2 OF 2

STRUCTURAL ONLY
 This document is for structural design only. It is not a contract. The contractor is responsible for obtaining all necessary permits and approvals and for the responsibility of construction.

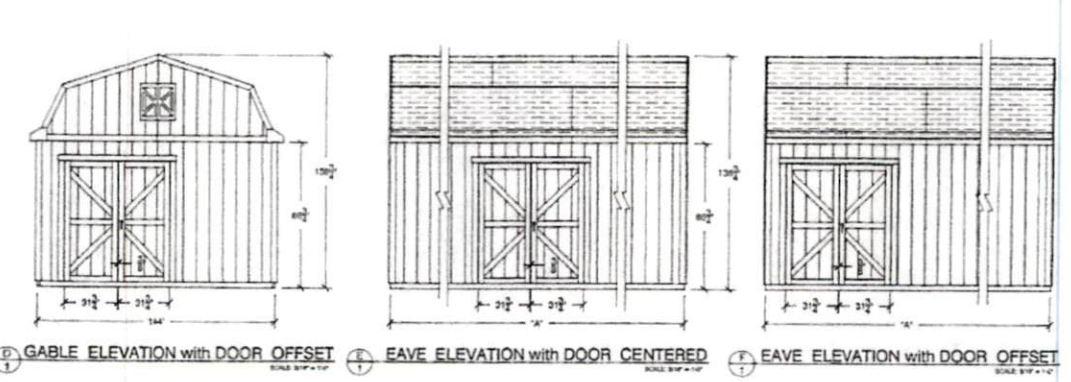
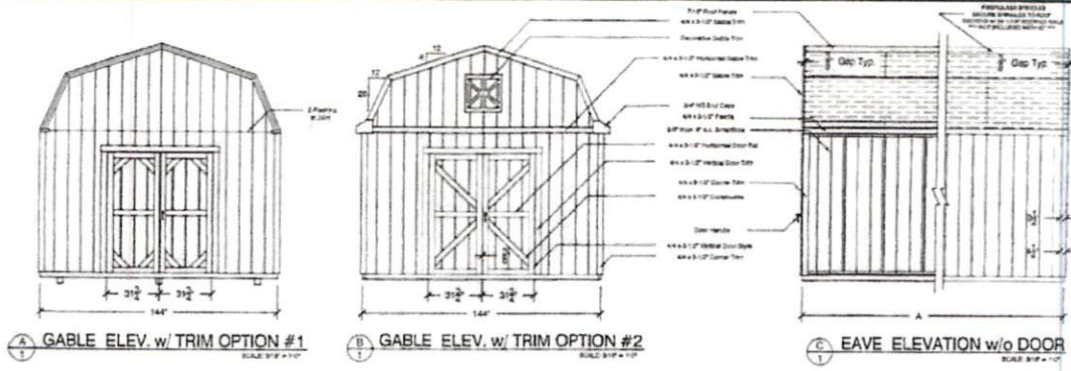


NTA, Inc., 355 H Oakland Ave
 Ragsdale, Indiana 46530
 Engineering CDA No. C-5412

These documents are applicable only to the quantities and loading unless specifically provided herein. These documents shall not be construed or any way to specify, modify or change any portion of the building, nor intended. Specific design criteria are based solely on information provided to the user and must be verified and approved by the local authority having jurisdiction. NTA, Inc. is not responsible for fabrication or erection. If it is determined that these drawings have been modified, additional drawings or any way, contact NTA, Inc. at 317-773-7979 to obtain a new copy.

DESIGN CRITERIA:	
Design Code	2009 IBC
Wind Speed	130 mph
Exposure	C
Seismic Design Category	C
Roof Dead Load	10 PSF
Floor Live Load	15 PSF
Floor Dead Load	10 PSF
Floor Live Load	60 PSF
Ground Snow Load	15 PSF

MATERIALS:	
Roof Sheathing	7/16" Rated 24/0
Wall Sheathing	3/8" Siding Rated 24/0



Depth Dim. "A"	12'-0" Base	16'-0"	20'-0"	24'-0"		
Gambrel Style						
12'-0" wide by:						

BACKYARD PRODUCTS, LLC.
 12'-0" GAMBREL STYLE ELEVATIONS
 Date: 04/21/2019
 Scale: 1/8" = 1'-0"