

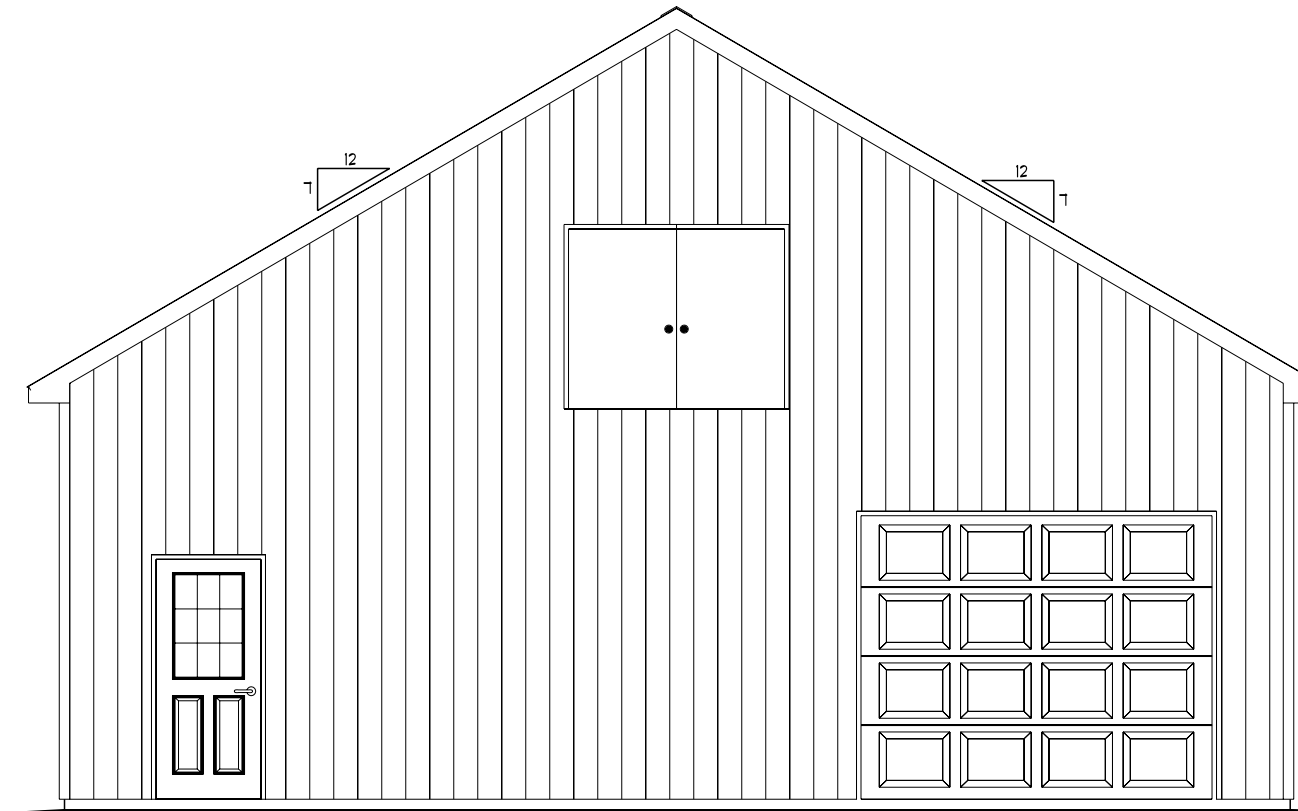
SCOPE OF WORK:  
CONSTRUCT A 34' X 60' STORAGE BUILDING

OCCUPANCY TYPE: "S1"

CONSTRUCTION TYPE: 5 B

MEANS OF EGRESS:  
MAX TRAVEL DISTANCE NOT TO EXCEED 200'

# DAVID MAXWELL



SITE ADDRESS:

CAPE MAY COUNTY SCHOOL  
148 CREST HAVEN RD  
CAPE MAY COURT HOUSE  
NJ 08210

### GENERAL CONSTRUCTION NOTES FOR TYPE 5 B

- ALL CONSTRUCTION SHALL COMPLY WITH 2021 IBC NJ EDITION
- BUILDER MUST VERIFY ALL DIMENSIONS AND ACCURACY BEFORE CONSTRUCTION
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED MEASUREMENTS AND SHOULD THE INFORMATION SHOWN IN THE DRAWINGS OR NOTES CONFLICT WITH ANY SPECIFICATIONS CONTACT THE ENGINEER FOR CLARIFICATION
- PROVIDE BRIDGING PER JOIST SPECS
- ALL STRUCTURAL LUMBER SHALL BE SPRUCE PINE FIR #2 (OR BETTER) UNLESS NOTED OTHERWISE
- THE ENGINEER IS NOT LIABLE FOR SITE SAFETY ISSUES. THESE ARE THE SOLE RESPONSIBILITY OF THE CONSTRUCTION MANAGER AND CONTRACTOR

### FASTNER SCHEDULE FOR STRUCTURAL MEMBERS (RESIDENTIAL) OTHER TYPES OF CONSTRUCTION MAY DIFFER (SEE LOCAL CODES)

FASTNER SCHEDULE FOR STRUCTURAL MEMBERS

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS	SPACING OF FASTENERS
<b>ROOF</b>		
CEILING JOIST TO PLATE: TOE NAIL	(3) 12 d	---
CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS: FACE NAIL	(3) 12 d	---
COLLAR TIE RAFTER: FACE NAIL	(3) 12 d	---
RAFTER TO PLATE: TOE NAIL	(3) 12 d	---
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS: TOE NAIL	(4) 12 d	---
<b>WALL</b>		
BUILT UP CORNER STUDS:	12 d	24" O.C.
BUILT UP HEADER (2) PLY	12 d	16" O.C. ALONG EA. EDGE
CONTINUOUS HEADER TO STUD: TOE NAIL	(4) 12 d	---
DOUBLE STUDS: FACE NAIL	12 d	24" O.C.
DOUBLE TOP PLATES: FACE NAIL	12 d	16" O.C.
DOUBLE TOP PLATES, MINIMUM 48" OFFSET OF END JOINTS FACE NAIL IN LAPPED AREA	(8) 12 d	---
SOLE PLATE TO JOIST OR BLOCKING: FACE NAIL	12 d	16" O.C.
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	(3) 12 d	16" O.C.
TOP OR SOLE PLATE TO STUD: END NAIL	(2) 12 d	---
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS: FACE NAIL	(2) 12 d	---
JOIST TO SILL OR GIRDER: TOE NAIL	(3) 12 d	---
RIM JOIST TO TOP PLATE (ROOF APPLICATION ALSO): TOE NAIL	12 d	6" O.C.
BUILT UP GIRDERS AND BEAMS	12 d	NAIL EA. LAYER AS FOLLOWS: 32" O.C. AT TOP AND BOTTOM AND STAGGERED, (2) NAILS AT ENDS AND EA. SPLICE

DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTNER	SPACING OF FASTNERS	
		EDGES (INCHES)	INTERMEDIATE SUPPORT (INCHES)
WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND EXTERIOR WALL SHEATHING TO FRAMING			
5/16" - 1/2"	6d COMMON NAIL (SUBFLOOR, WALL) 8d COMMON NAIL (ROOF)	6"	12"
19/32" - 1"	8d COMMON NAIL	6"	12"
1/2" GYPSUM SHEATHING	1/2" GALVANIZED ROOFING NAIL; STAPLE GALVANIZED 1 1/2" LONG, 1 1/4" SCREWS, TYPE W OR S	7"	7"
5/8" GYPSUM SHEATHING	1 3/4" GALVANIZED ROOFING NAIL; 1 5/8" STAPLE GALVANIZED, 1 5/8" SCREWS, TYPE W OR S	7"	7"

NOMINAL MATERIAL THICKNESS (INCHES)	DESCRIPTION OF FASTNER AND LENGTH (INCHES)	SPACING OF FASTNERS	
		EDGES (INCHES)	INTERMEDIATE SUPPORT (INCHES)
WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND EXTERIOR WALL SHEATHING TO FRAMING			
UP TO 1/2"	STAPLES 15 GA. 1 3/4"	4	8
	NAILS 2 1/4"	3	6
	STAPLES 16 GA. 1 3/4"	3	6
23/32" AND 3/4"	STAPLES 14 GA. 2"	4	8
	STAPLES 15 GA. 1 3/4"	3	6
	NAILS 2 1/4"	4	8

### CONTRACTOR:

NEW HOLLAND SUPPLY  
201-A COMMERCE DRIVE  
NEW HOLLAND PA 17557

DRAWING SCHEDULE	
COVER SHEET	1
ELEVATIONS	2
FLOOR PLANS	3



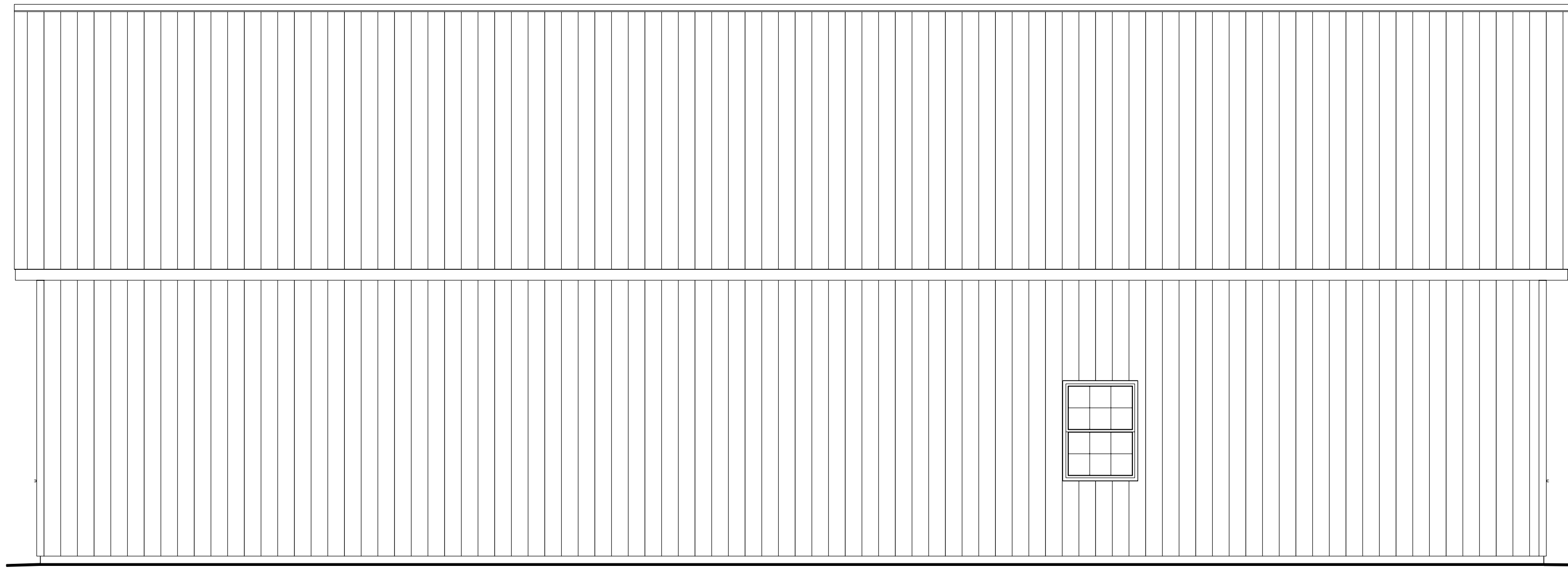
BUILDING AREA: 2,040 SQ FT  
BUILDING VOLUME: 34,578 C. FT.  
BUILDING HEIGHT: 22 FT. (RIDGE)  
BUILDING HEIGHT: 12 FT. (EAVE)

General contractor shall verify all dimensions, construction details and specifications. Drafter is not liable for any errors that may appear on drawings. While every effort has been made in the preparation of this plan to avoid mistakes the drafter cannot guarantee against human error. Drawings are sole property of DRA LLC and cannot be copied or reproduced without written permission. All calculations and member sizing are suggestions and are not engineered unless plans have engineer's seal.

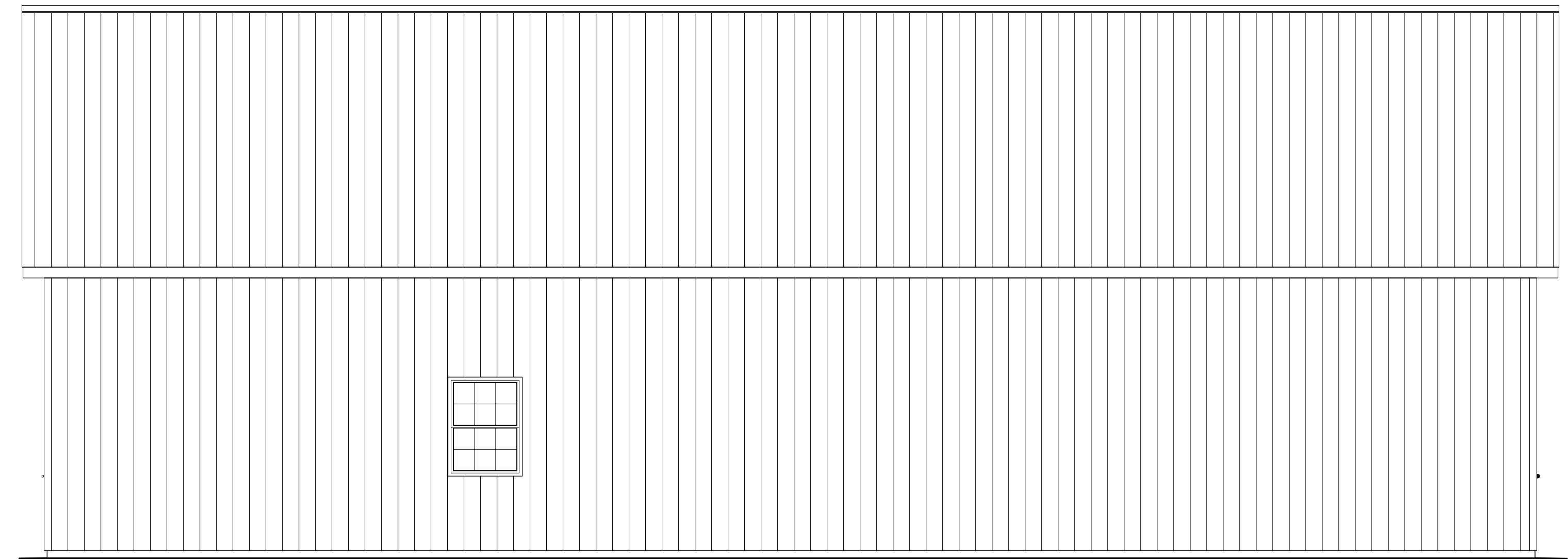
Drafting: Reliable, Accurate,  
DRA LLC  
1076 HIDDEN VALLEY RD  
LOYSVILLE PA 17047  
PHONE: (717) 789-3373  
FAX: (717) 789-3586  
EMAIL: wedra4u@gmail.com  
Custom Blueprints & Drafting

PRELIMINARY DRAWING:  
ISSUED FOR CONSTRUCTION: 1/15/2024  
REVISION:

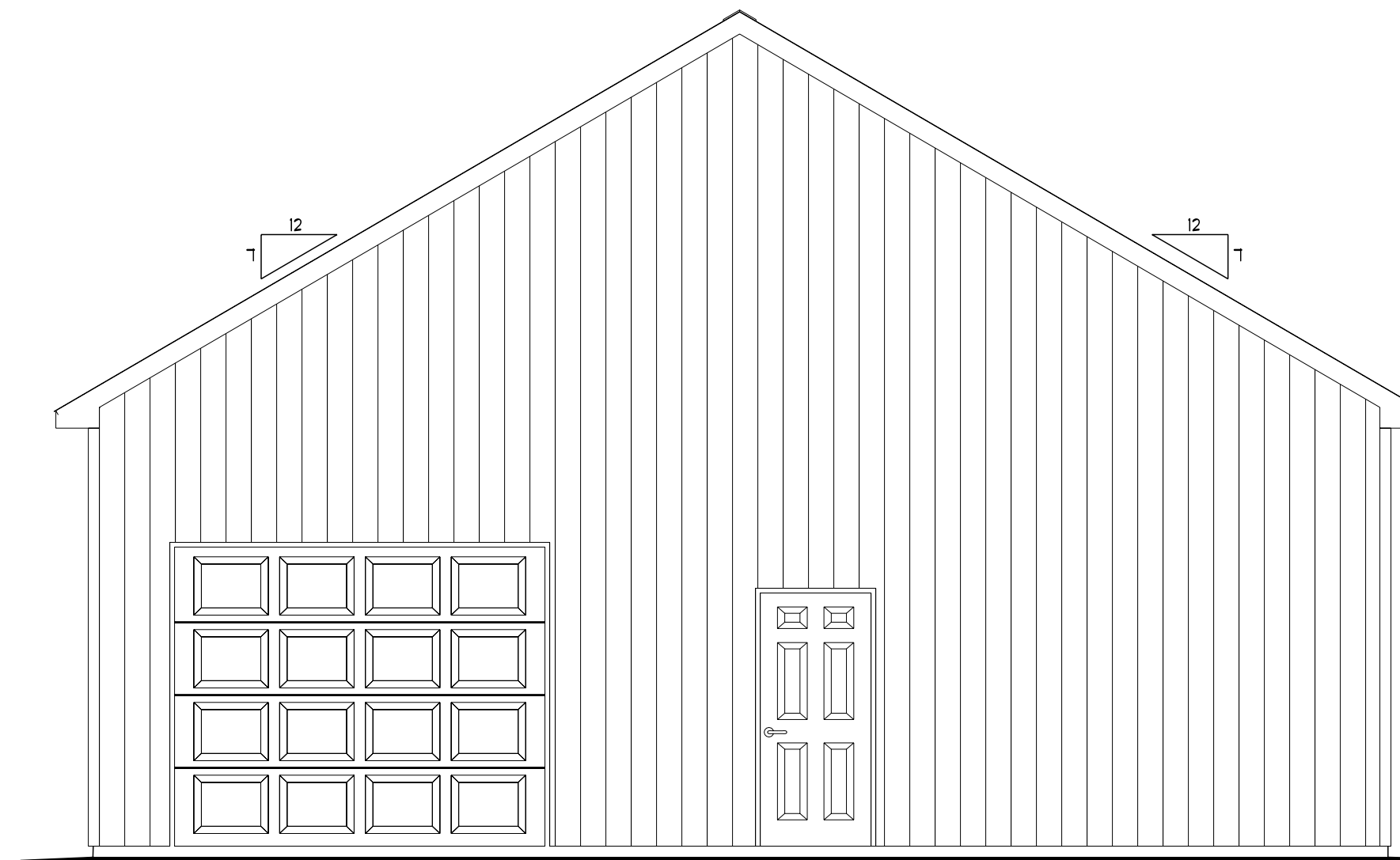
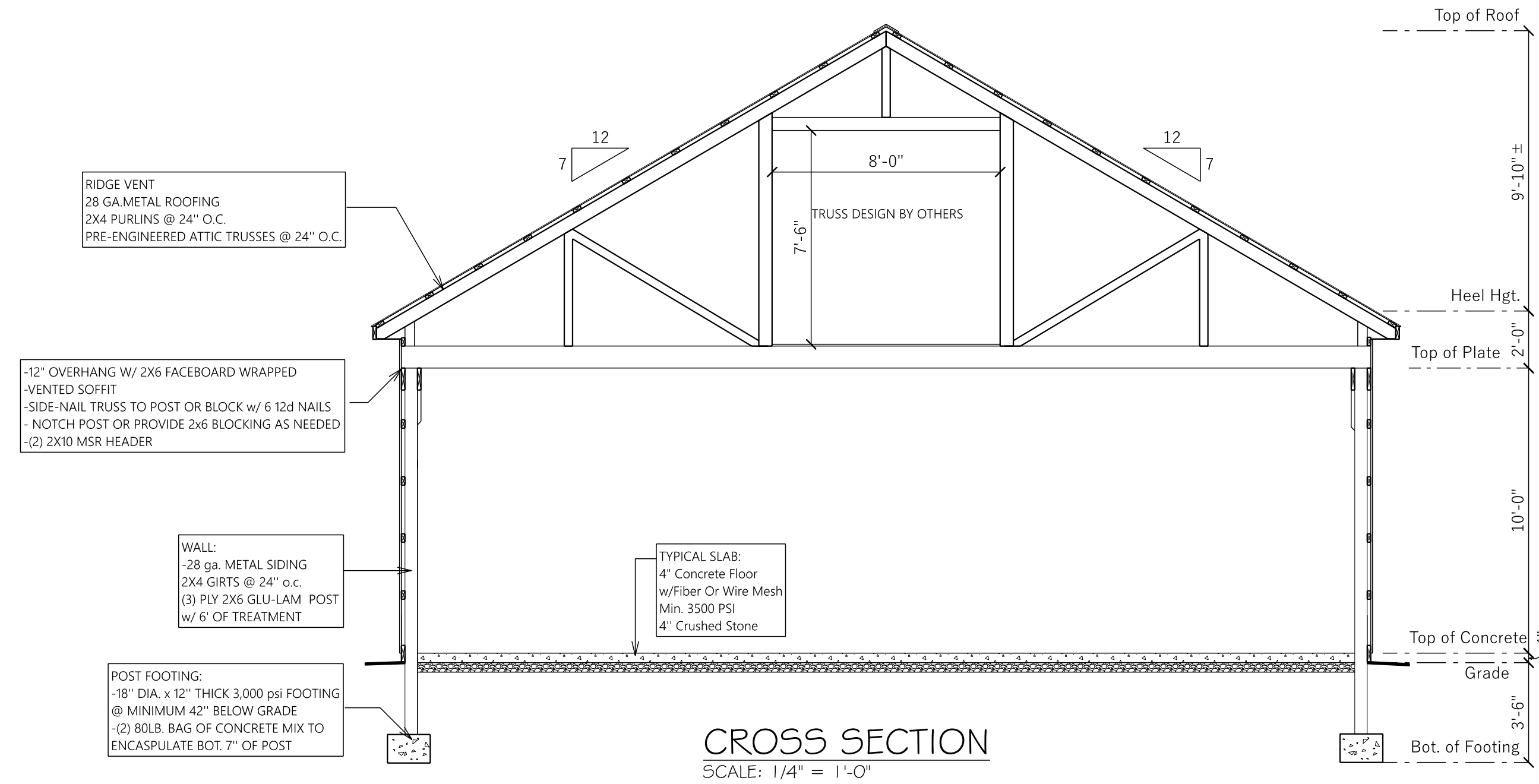
COVER SHEET  
1



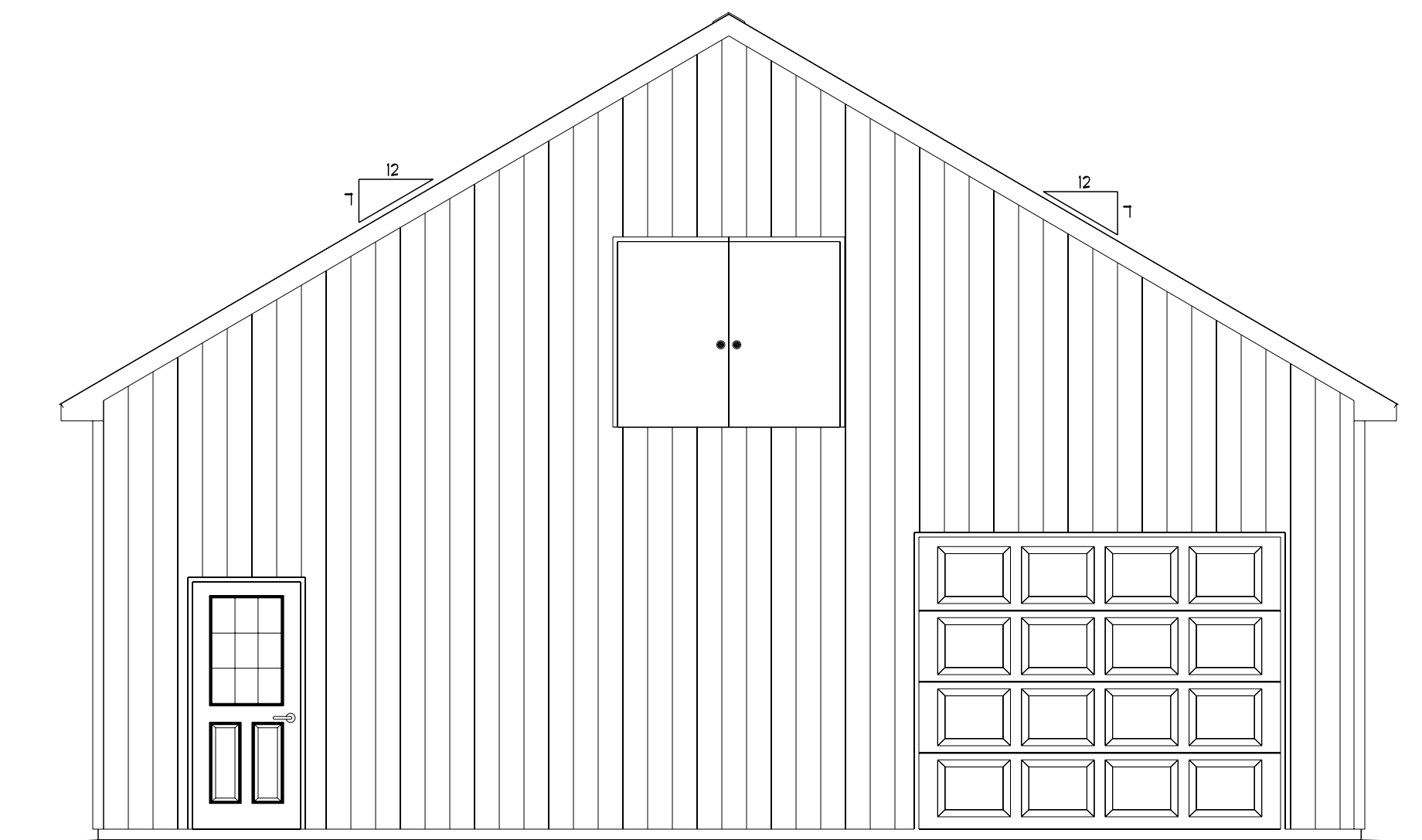
**LEFT ELEVATION**  
SCALE: 1/4" = 1'-0"



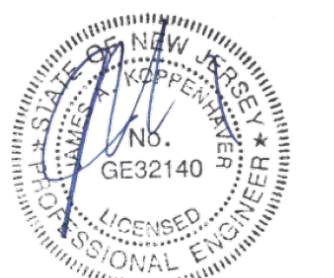
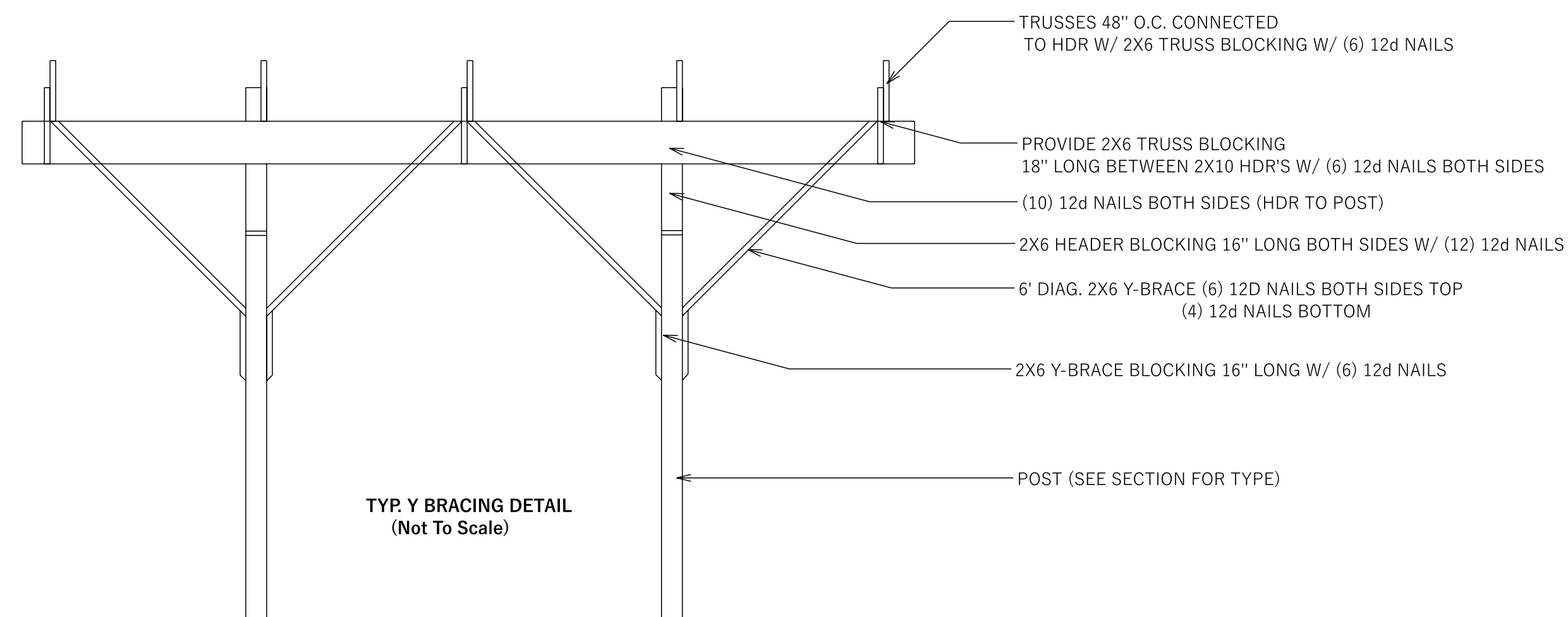
**RIGHT ELEVATION**  
SCALE: 1/4" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

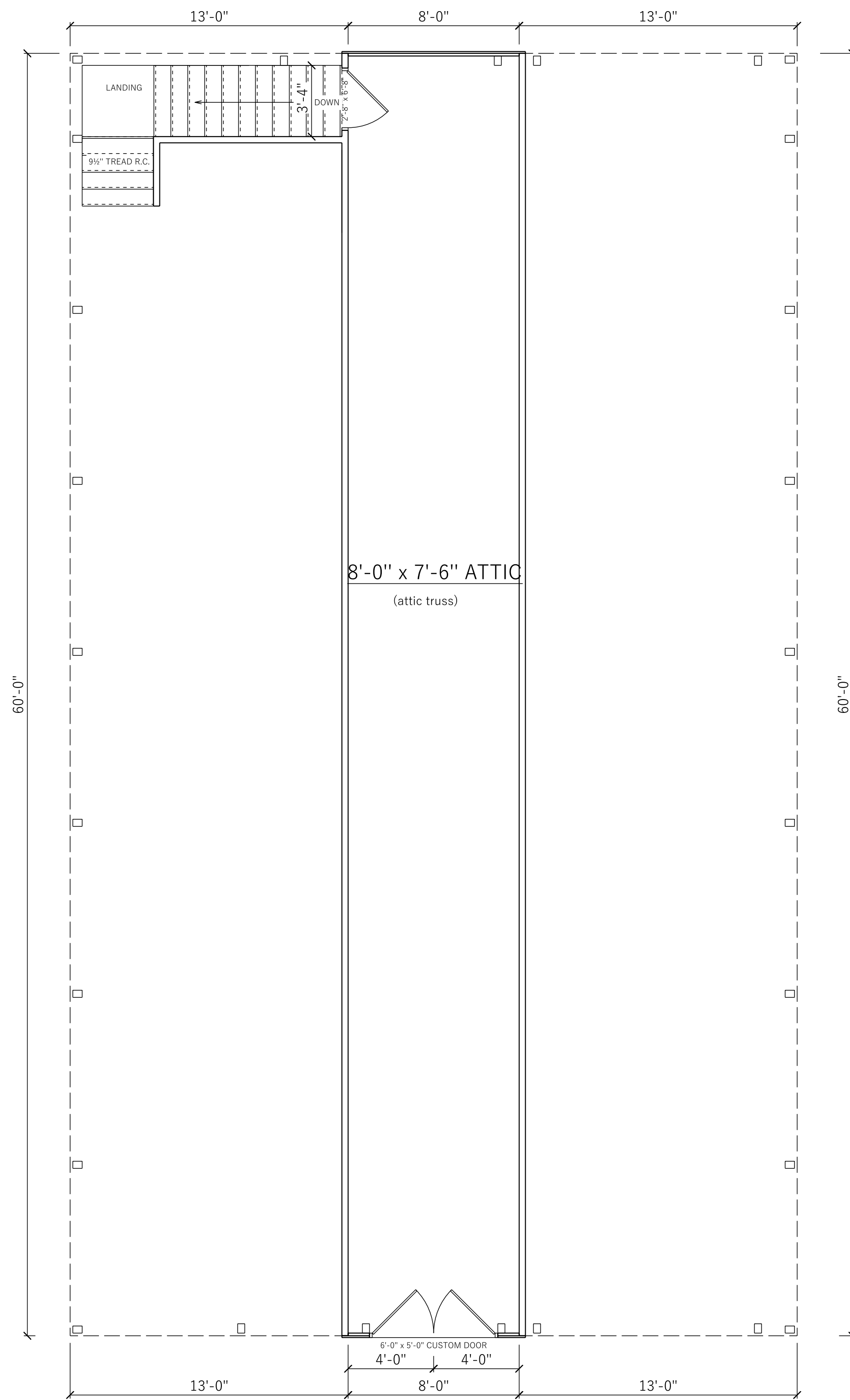


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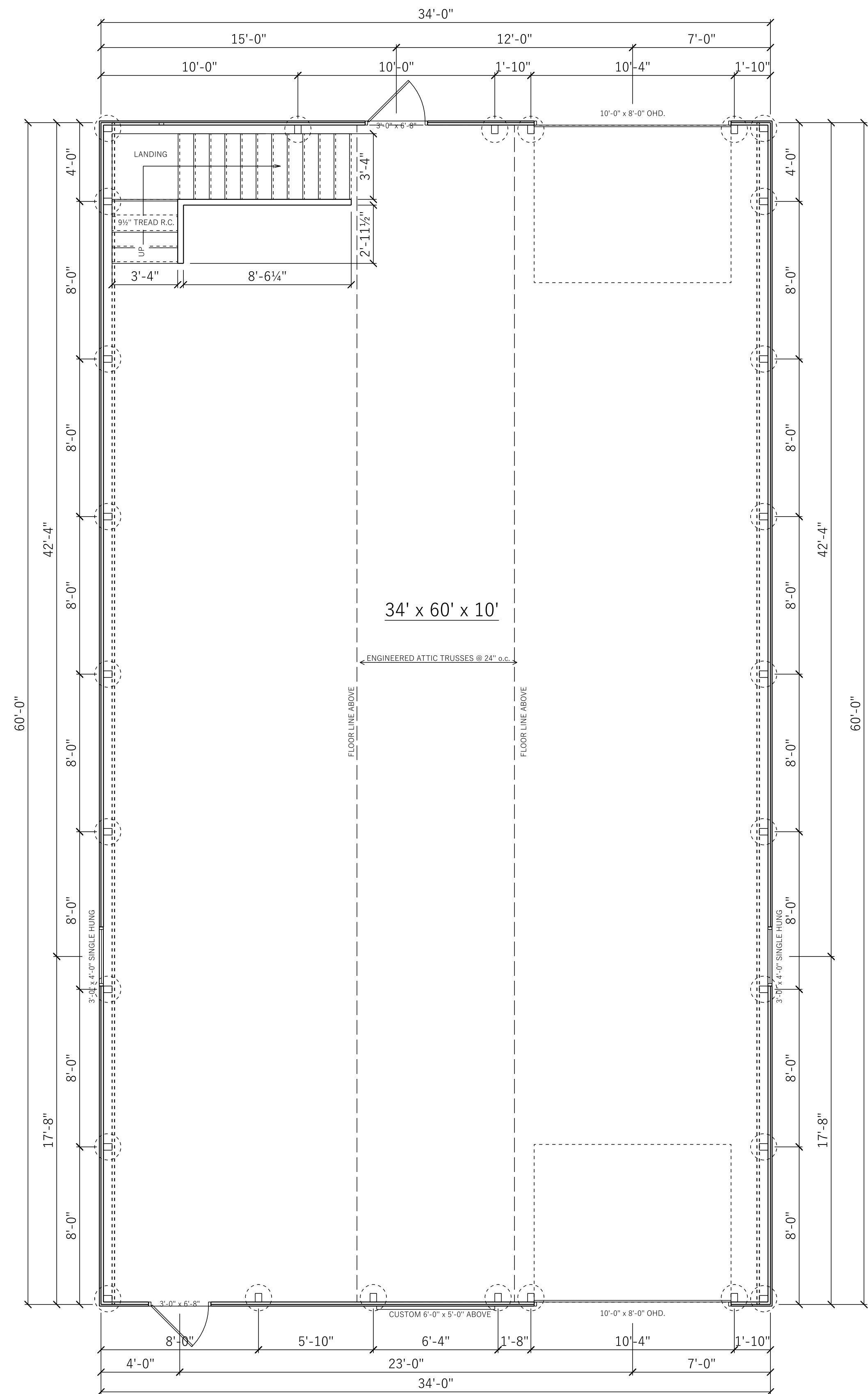
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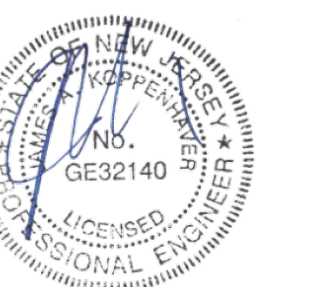
PROJECT # D006-24  
 ELEVATIONS 2



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



MAIN FLOOR  
SCALE: 1/4" = 1'-0"



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REVISION:

PROJECT #  
D006-24  
FLOOR PLANS  
3